New Orleans, Louisiana

Rec. Num.	Call Sign	Freq. (Mhz)	C (dBm)	Antenna Type	Tilt (Deg.)	Ang.	Gain (dBi)	LL (dB)	Emission Desig.	Bw (Khz)	Equip. Code	Loading	I (dBm)	C/I (dB)	Pwr.Flx (dBW/4Khz)	Adj.I (dB)	Adj.C/I (dB)
121.	KKQ61	6725.0	-28.9	M64000	0.4	DOWN	42.3	3.0	10000F9	20000	243B01	480 CH MSG	-96.2	67.3	-173.5	9.0	76.3
54.	WIA486	6725.0	-29.3	A64170	0.1	DOWN	42.3	4.0	10000F9	20000	28WF01	480 CH MSG	-97.2	67.9	-173.5	9.0	76.9
34.	WAT711	6725.0	-29.8	M84109	0.2	DOWN	42.5	5.0	10000F9	20000	2YHI01	480 CH MSG	-98.0	68.2	-173.5	9.0	77.2
125.	WIA478	6725.0	-30.0	A63170	0.1	DOWN	39.8	3.0	10000F9	20000	28WF01	480 CH MSG	-98.7	68.7	-173.5	9.0	77.7
144.	WGY895	6725.0	-36.2	A64130	0.0	DOWN	42.3	12.0	10000F9	20000	2K7801	480 CH MSG	-105.2	69.0	-173.5	9.0	78.0
144.	KDC48	6725.0	-36.2	A64130	0.0	DOWN	42.3	12.0	10000F9	20000	2K7801	480 CH MSG	-105.2	69.0	-173.5	9.0	78.0
126.	WIA481	6725.0	-28.6	A64170	0.2	DOWN	42.3	5.0	10000F9	20000	28WF01	480 CH MSG	-98.2	69.6	-173.5	9.0	78.6
125.	WIA479	6725.0	-30.0	A63170	0.0	UP	39.8	4.0	10000F9	20000	28WF01	480 CH MSG	-99.7	69.7	-173.5	9.0	78.7
121.	WHH682	6725.0	-28.9	A64130	0.3	UP	42.3	6.0	10000F9	20000	2K7801	480 CH MSG	-99.2	70.3	-173.4	8.9	79.2
35.	KCO44	6725.0	-34.9	A64170	0.7	DOWN	42.3	18.0	10000F9	20000	2YHI01	480 CH MSG	-111.2	76.3	-173.5	9.0	85.3
38.	KDQ44	6725.0	-37.4	A65130	0.2	DOWN	43.9	7.0	10000F9	20000	2RI301	600 CH MSG	-98.6	61.3	-173.5	9.0	70.3
38.	KDQ42	6725.0	-37.4	A65130	0.2	DOWN	43.9	7.0	10000F9	20000	2RI301	600 CH MSG	-98.6	61.3	-173.5	9.0	70.3
48.	WGH65	6725.0	-36.9	A64170	0.0	UP	42.3	5.0	10000F9	20000	FAS600	600 CH MSG	-98.2	61.3	-173.5	9.0	70.3
8.	KFN90	6725.0	-35.6	A64170	0.1	DOWN	42.3	4.0	10000F9	20000	FAS602	600 CH MSG	-97.2	61.6	-173.5	9.0	70.6
8.	WGH47	6725.0	-35.6	A64170	0.2	DOWN	42.3	5.0	10000F9	20000	FAS602	600 CH MSG	-98.2	62.6	-173.5	9.0	71.6
47.	WGH65	6725.0	-36.3	A64170	0.1	DOWN	42.3	6.0	10000F9	20000	FAS600	600 CH MSG	-99.2	62.9	-173.5	9.0	71.9
40.	KDQ43	6725.0	-32.3	A65130	0.0	DOWN	43.9	4.0	10000F9	20000	2RI301	600 CH MSG	-95.6	63.3	-173.5	9.0	72.3
37.	KDQ41	6725.0	-30.5	M65000	0.0	UP	43.9	3.0	10000F9	20000	2RI301	600 CH MSG	-94.6	64.2	-173.5	9.0	73.1
10.	KFU86	6725.0	-31.0	A64130	0.1	DOWN	42.3	3.0	10000F9	20000	2RI301	600 CH MSG	-96.2	65.2	-173.5	9.0	74.2
40.	KDQ44	6725.0	-32.3	A65130	0.2	DOWN	43.9	7.0	10000F9	20000	2RI301	600 CH MSG	-98.6	66.3	-173.5	9.0	75.3
45.	NEF834	6725.0	-25.2	A65130	0.2	DOWN	43.9	1.0	10000F9	20000	2RI301	600 CH MSG	-92.6	67.4	-173.5	9.0	76.4
37.	KDQ42	6725.0	-30.5	A65130	0.3	DOWN	43.9	7.0	10000F9	20000	2RI301	600 CH MSG	-98.6	68.2	-173.5	9.0	77.2
112.	KQZ70	6725.0	-27.8	A64350	0.2	DOWN	42.3	3.0	10000F9	20000	2ZJN01	600 CH MSG	-96.2	68.4	-173.5	9.0	77.4
112.	KNV77	6725.0	-27.8	A64350	0.0	DOWN	42.3	3.0	10000F9	20000	2ZJN01	600 CH MSG	-96.2	68.4	-173.5	9.0	77.4
113.	KNV77	6725.0	-27.3	A63170	0.2	DOWN	42.3	3.0	10000F9	20000	2ZJN01	600 CH MSG	-96.2	68.9	-173.5	9.0	77.9
113.	KQZ68	6725.0	-27.3	A64350	0.0	DOWN	42.3	3.0	10000F9	20000	2ZJN01	600 CH MSG	-96.2	68.9	-173.5	9.0	77.9
78.	KNV75	6725.0	-26.5	A64350	0.1	DOWN	42.3	3.0	10000F9	20000	2ZJN01	600 CH MSG	-96.2	69.7	-173.5	9.0	78.7
78.	KNV71	6725.0	-26.5	A63170	0.1	DOWN	42.3	3.0	10000F9	20000	2ZJN01	600 CH MSG	-96.2	69.7	-173.5	9.0	78.7
13.	KFU91	6725.0	-31.6	A64130	0.2	DOWN	42.3	9.0	10000F9	20000	FAS600	600 CH MSG	-102.2	70.6	-173.5	9.0	79.6
13.	WGX930	6725.0	-31.6	A64130	0.1	UP	42.3	9.0	10000F9	20000	FAS600	600 CH MSG	-102.2	70.6	-173.4	8.9	79.6
45.	KFU86	6725.0	-25.2	A64130	0.1	UP	42.3	3.0	10000F9	20000	2RI301	600 CH MSG	-96.2	71.0	-173.5	9.0	80.0
111.	KNV70	6725.0	-24.7	A63170	0.0	DOWN	42.3	3.0	10000F9	20000	2ZJN01	600 CH MSG	-96.2	71.6	-173.5	9.0	80.6
111.	KNV75	6725.0	-24.7	A64350	0.1	DOWN	42.3	3.0	10000F9	20000	2ZJN01	600 CH MSG	-96.2	71.6	-173.5	9.0	80.6
110.	KQZ68	6725.0	-23.2	A64350	0.1	DOWN	42.3	3.0	10000F9	20000	2ZJN01	600 CH MSG	-96.2	73.0	-173.5	9.0	82.0
110.	KNV70	6725.0	-23.2	A63170	0.0	DOWN	42.3	3.0	10000F9	20000	2ZJN01	600 CH MSG	-96.2	73.0	-173.5	9.0	82.0
109.	KNV68	6725.0	-18.8	A64350	0.2	UP	42.3	2.0	10000F9	20000	2ZJN01	600 CH MSG	-95.2	76.4	-173.4	8.9	85.3
109.	KNV77	6725.0	-18.8	A64350	0.3	DOWN	42.3	3.0	10000F9	20000	2ZJN01	600 CH MSG	-96.2	77.4	-173.5	9.0	86.4
63.	NEF834	6725.0	-29.0	A64130	4.3	DOWN	42.3	15.0	10000F9	20000	FAS600	600 CH MSG	-108.2	79.2	-173.5	9.0	88.2
63.	NEH758	6725.0	-29.0	A64130	4.3	UP	42.3	23.0	10000F9	20000	FAS600	600 CH MSG	-116.2	87.2	-171.7	7.2	94.5
79.	HOUMA	6725.0	-36.8	A65130	0.3	DOWN	43.9	0.0		10000	999999	VIDEO	-94.6	57.8	-173.5	9.0	66.8
87.	SLIDEL	6725.0	-29.3	A65130	0.2	DOWN	43.9	0.0		10000	999999	VIDEO	-94.6	65.3	-173.5	9.0	74.3

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Rec. Num.	Call Sign	Freq. (Mhz)	C (dBm)	Antenna Type	Tilt (Deg.)	Ang.	Gain (dBi)	LL (dB)	Emission Desig.	Bw (Khz)	Equip. Code	Loading	I (dBm)	C/I (dB)	Pwr.Flx (dBW/4Khz)	Adj.I (dB)	Actual I (dB)
28.	N ORLE	6725.0	-33.2	A64130	0.1	UP	42.3	2.0	4M94 D7W	7410	TEM210	96 CH DIG	-99.5	66.3	-173.4	8.9	-108.5
28.	N ORLE	6725.0	-34.2	A64130	0.2	DOWN	42.3	3.0	4M94 D7W	7410	TEM210	96 CH DIG	-100.5	66.3	-173.5	9.0	-109.5
82.	N ORLE	6725.0	-34.3	A64130	0.1	DOWN	42.3	3.0	4M94 D7W	7410	TEM210	96 CH DIG	-100.5	66.2	-173.5	9.0	-109.5
82.	BRIDGE	6725.0	-34.3	A64130	0.0	DOWN	42.3	3.0	4M94 D7W	7410	TEM210	96 CH DIG	-100.5	66.2	-173.5	9.0	-109.5
84.	BRIDGE	6725.0	-34.6	A64130	0.0	DOWN	42.3	3.0	4M94 D7W	7410	TEM210	96 CH DIG	-100.5	65.9	-173.5	9.0	-109.5
84.	CCCD	6725.0	-34.6	A64130	0.0	DOWN	42.3	3.0	4M94 D7W	7410	TEM210	96 CH DIG	-100.5	65.9	-173.5	9.0	-109.5
85.		6725.0	-34.6	A64130	0.0	DOWN	42.3	3.0	4M94 D7W	7410	TEM210	96 CH DIG	-100.5	65.9	-173.5	9.0	-109.5
29.	EDEN I	6725.0	-34.6	A64130	0.1	DOWN	42.3	4.0	4M94 D7W	7410	TEM210	96 CH DIG	-101.5	67.0	-173.5	9.0	-110.5
29.	N ORLE	6725.0	-34.6	A64130	0.1	DOWN	42.3	4.0	4M94 D7W	7410	TEM210	96 CH DIG	-101.5	67.0	-173.5	9.0	-110.5
102.	COVING	6725.0	-35.4	A64130	0.1	DOWN	42.3	4.0	4M94 D7W	7410	TEM210	96 CH DIG	-101.5	66.1	-173.5	9.0	-110.5
114.	EDEN I	6725.0	-34.5	A64130	0.1	DOWN	42.3	4.0	4M94 D7W	7410	TEM210	96 CH DIG	-101.5	67.0	-173.5	9.0	-110.5
114.	N ORLE	6725.0	-34.5	A64130	0.1	DOWN	42.3	4.0	4M94 D7W	7410	TEM210	96 CH DIG	-101.5	67.0	-173.5	9.0	-110.5
102.	EDEN I	6725.0	-35.4	A64130	0.2	DOWN	42.3	6.0	4M94 D7W	7410	TEM210	96 CH DIG	-103.5	68.1	-173.5	9.0	-112.5
3.	WCE411	6725.0	-31.9	A63130	0.2	DOWN	42.3	2.0	4M94 D7W	7410	TEM210	192 CH DIG	-99.5	67.6	-173.5	9.0	-108.5
30.	NORLEA	6725.0	-33.2	A64130	0.1	UP	42.3	2.0	4M94 D7W	7410	TEM210	192 CH DIG	-99.5	66.3	-173.4	8.9	-108.5
56.	FIRE D	6725.0	-35.0	A64130	0.0	UP	42.3	2.0	4M94 D7W	7410	TEM210	192 CH DIG	-99.5	64.5	-173.5	9.0	-108.5
3.	WCE410	6725.0	-31.9	A64130	0.1	DOWN	42.3	3.0	4M94 D7W	7410	TEM210	192 CH DIG	-100.5	68.6	-173.5	9.0	-109.5
30.	715SBR	6725.0	-34.2	A64130	0.2	DOWN	42.3	3.0	4M94 D7W	7410	TEM210	192 CH DIG	-100.5	66.3	-173.5	9.0	-109.5
56.	COX CA	6725.0	-35.0	A64130	0.1	DOWN	42.3	3.0	4M94 D7W	7410	TEM210	192 CH DIG	-100.5	65.5	-173.5	9.0	-109.5
77.	WNTS98	6725.0	-34.8	A64130	0.1	UP	42.3	3.0	4M94 D7W	7410	TEM210	192 CH DIG	-100.5	65.7	-173.4	8.9	-109.5
77.	WNTS98	6725.0	-34.8	A64130	0.2	DOWN	42.3	3.0	4M94 D7W	7410	TEM210	192 CH DIG	-100.5	65.7	-173.5	9.0	-109.5
83.	BRIDGE	6725.0	-34.6	A64130	0.0	DOWN	42.3	3.0	4M94 D7W	7410	TEM210	192 CH DIG	-100.5	65.9	-173.5	9.0	-109.5
83.	CCCD	6725.0	-34.6	A64130	0.0	DOWN	42.3	3.0	4M94 D7W	7410	TEM210	192 CH DIG	-100.5	65.9	-173.5	9.0	-109.5
86.	NORLEA	6725.0	-34.3	A64130	0.1	DOWN	42.3	3.0	4M94 D7W	7410	TEM210	192 CH DIG	-100.5	66.2	-173.5	9.0	-109.5
86.	BRIDGE	6725.0	-34.3	A64130	0.0	DOWN	42.3	3.0	4M94 D7W	7410	TEM210	192 CH DIG	-100.5	66.2	-173.5	9.0	-109.5
140.	KZG66	6725.0	-28.3	A64130	0.1	DOWN	42.3	3.0	5000A9Y	7500	TEM131	192 CH DIG	-100.5	72.2	-173.5	9.0	-109.5
140.	WNTN51	6725.0	-28.3	A64130	0.1	DOWN	42.3	3.0	5000A9Y	7500	TEM131	192 CH DIG	-100.5	72.2	-173.5	9.0	-109.5
101.	COVING	6725.0	-35.4	A64130	0.1	DOWN	42.3	4.0	4M94 D7W	7410	TEM210	192 CH DIG	-101.5	66.1	-173.5	9.0	-110.5
101.	EDEN I	6725.0	-35.4	A64130	0.2	DOWN	42.3	6.0	4M94 D7W	7410	TEM210	192 CH DIG	-103.5	68.1	-173.5	9.0	-112.5
69.	KKQ58	6725.0	-16.3	A64170	0.6	DOWN	42.3	2.0	10M0 A7W	15000	2YQ901	384 CH DIG	-96.5	80.2	-173.5	9.0	-105.5
44.	WEH939	6725.0	-29.4	A64170	0.1	UP	42.3	3.0	10000F9Y	15000	26MS01	384 CH DIG	-97.5	68.0	-173.5	9.0	-106.4
44.	NEH512	6725.0	-29.4	A64170	0.2	DOWN	42.3	3.0	10000F9Y	15000	26MS01	384 CH DIG	-97.5	68.0	-173.5	9.0	-106.5
53.	WGX864	6725.0	-36.6	A64130	0.0	DOWN	42.3	3.0	10M0 D9W	15000	26MS02	384 CH DIG	-97.5	60.8	-173.5	9.0	-106.5
64.	WGX864	6725.0	-32.6	A64170	0.1	DOWN	42.3	3.0	10M0 D9W	15000	26MS02	384 CH DIG	-97.5	64.9	-173.5	9.0	-106.5
100.	KLB54	6725.0	-33.8	A64170	0.1	DOWN	42.3	3.0	10M0 D9W	15000	26MS02	384 CH DIG	-97.5	63.6	-173.5	9.0	-106.5
69.	NEM883	6725.0	-16.3	A64170	0.5	UP	42.3	4.0	10M0 A7W	15000	2YQ901	384 CH DIG	-98.5	82.2	-173.2	8.7	-107.2
64.	NEH512	6725.0	-36.6	A64170	0.2	DOWN	42.3	4.0	10000F9Y	15000	26MS01	384 CH DIG	-98.5	61.9	-173.5	9.0	-107.5
100.	NEH512	6725.0	-36.8	A64170	0.2	DOWN	42.3	4.0	10000F9Y	15000	26MS01	384 CH DIG	-98.5	61.6	-173.5	9.0	-107.5
53.	WIA430	6725.0	-36.6	A64130	0.2	DOWN	42.3	5.0	10M0 D9W	15000	26MS02	384 CH DIG	-99.5	62.8	-173.5	9.0	-108.5
60.	KYK78	6725.0	-23.6	G64310	0.4	UP	42.0	2.0	10M0 A7W	15000	2Y2Y01	576 CH DIG	-96.8	73.2	-173.3	8.8	-105.6
105.	NEJ478	6725.0	-26.5	G64310	0.3	UP	42.0	2.0	10M0 A7W	15000	2Y2Y01	576 CH DIG	-96.8	70.3	-173.3	8.8	-105.6
91.	KYK77	6725.0	-24.6	G64310	0.1	UP	42.0	2.0	10M0 A7W	15000	2Y2Y01	576 CH DIG	-96.8	72.1	-173.5	9.0	-105.7
139.	KYK77	6725.0	-28.1	G64310	0.0	UP	42.0	2.0	10M0 A7W	15000	2Y2Y01	576 CH DIG	-96.8	68.7	-173.5	9.0	-105.7
60.	KKR65	6725.0	-23.6	G64310	0.4	DOWN	42.0	2.0	10M0 A7W	15000	2Y2Y01	576 CH DIG	-96.8	73.2	-173.5	9.0	-105.8

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66.	NEJ479	6725.0	-24.1	G64310	0.0	DOWN	42.0	2.0	10M0 A7W	15000	2Y2Y01	576 CH DIG	-96.8	72.7	-173.5	9.0	-105.8
106.	NEJ478	6725.0	-26.5	G64310	0.0	DOWN	42.0	2.0	10M0 A7W	15000	2Y2Y01	576 CH DIG	-96.8	70.3	-173.5	9.0	-105.8
139.	KYK76	6725.0	-28.1	G64310	0.1	DOWN	42.0	2.0	10M0 A7W	15000	2Y2Y01	576 CH DIG	-96.8	68.7	-173.5	9.0	-105.8
68.	NEK737	6725.0	-25.4	A65601	1.1	UP	44.0	5.0	10M0 A7W	15000	2Y2F01	576 CH DIG	-97.8	72.4	-173.0	8.5	-106.2
71.	KLG55	6725.0	-34.3	A64170	0.3	UP	42.3	3.0	10M0 A7W	15000	2Y2F01	576 CH DIG	-97.5	63.2	-173.4	8.9	-106.3
67.	NEK737	6725.0	-35.2	A64170	0.2	UP	42.3	3.0	10M0 A7W	15000	2Y2F01	576 CH DIG	-97.5	62.3	-173.4	8.9	-106.4
67.	NEM881	6725.0	-35.2	A64170	0.3	DOWN	42.3	3.0	10M0 A7W	15000	2Y2F01	576 CH DIG	-97.5	62.3	-173.5	9.0	-106.5
71.	NEM881	6725.0	-34.3	A64170	0.3	DOWN	42.3	3.0	10M0 A7W	15000	2Y2F01	576 CH DIG	-97.5	63.2	-173.5	9.0	-106.5
65.	NEJ477	6725.0	-23.9	G64310	0.1	DOWN	42.0	3.0	10M0 A7W	15000	2Y2301	576 CH DIG	-97.8	73.8	-173.5	9.0	-106.8
65.	NEJ479	6725.0	-23.9	G64310	0.0	DOWN	42.0	3.0	10M0 A7W	15000	2Y2301	576 CH DIG	-97.8	73.8	-173.5	9.0	-106.8
66.	KYK76	6725.0	-24.1	G64310	0.0	DOWN	42.0	3.0	10M0 A7W	15000	2Y2Y01	576 CH DIG	-97.8	73.7	-173.5	9.0	-106.8
91.	KYK78	6725.0	-24.6	G64310	0.1	DOWN	42.0	3.0	10M0 A7W	15000	2Y2Y01	576 CH DIG	-97.8	73.1	-173.5	9.0	-106.8
106.	NEJ477	6725.0	-26.5	G64310	0.0	DOWN	42.0	3.0	10M0 A7W	15000	2Y2Y01	576 CH DIG	-97.8	71.3	-173.5	9.0	-106.8
70.	KLG55	6725.0	-35.7	A64170	0.1	UP	42.3	4.0	10M0 A7W	15000	2YQ901	576 CH DIG	-98.5	62.8	-173.5	9.0	-107.4
59.	KLL63	6725.0	-34.4	R64300	0.2	DOWN	39.1	1.0	10M0 A7W	15000	2Y2301	576 CH DIG	-98.7	64.2	-173.5	9.0	-107.7
105.	KLL63	6725.0	-26.5	G64310	0.4	DOWN	42.0	4.0	10M0 A7W	15000	2Y2Y01	576 CH DIG	-98.8	72.3	-173.5	9.0	-107.8
107.	NER328	6725.0	-20.3	A63130	0.1	DOWN	39.7	2.0	10M0 D9W	15000	26MS03	576 CH DIG	-99.1	78.7	-173.5	9.0	-108.1
107.	NER327	6725.0	-20.3	A63130	0.0	DOWN	39.7	2.0	10M0 D9W	15000	26MS03	576 CH DIG	-99.1	78.7	-173.5	9.0	-108.1
70.	NEM882	6725.0	-35.7	A64170	0.2	DOWN	42.3	5.0	10M0 A7W	15000	2YQ901	576 CH DIG	-99.5	63.8	-173.5	9.0	-108.5
59.	KKR65	6725.0	-28.4	R62200	0.1	UP	38.1	1.0	10M0 A7W	15000	2Y2301	576 CH DIG	-99.7	71.2	-173.4	8.9	-108.6
68.	NEP350	6725.0	-30.4	A64350	1.1	DOWN	42.3	7.0	10M0 A7W	15000	2Y2F01	576 CH DIG	-101.5	71.1	-173.5	9.0	-110.5
73.	NEV598	6725.0	-32.7	A64170	0.0	UP	42.3	2.0	10M0 D7W	15000	2YXJ02	672 CH DIG	-96.5	63.7	-173.5	9.0	-105.5
72.	NEM883	6725.0	-35.1	A64170	0.1	UP	42.3	3.0	10M0 D7W	15000	2YNK01	672 CH DIG	-97.5	62.4	-173.5	9.0	-106.4
73.	NEM883	6725.0	-33.7	A64170	0.1	DOWN	42.3	3.0	10M0 D7W	15000	2YXJ02	672 CH DIG	-97.5	63.7	-173.5	9.0	-106.5
76.	NEV600	6725.0	-32.7	A65170	0.1	DOWN	43.9	5.0	10M0 D7W	15000	2YXJ02	672 CH DIG	-97.9	65.1	-173.5	9.0	-106.9
76.	NEV599	6725.0	-32.7	A65170	0.1	DOWN	43.9	5.0	10M0 D7W	15000	2YXJ02	672 CH DIG	-97.9	65.1	-173.5	9.0	-106.9
72.	NEM882	6725.0	-36.1	A64170	0.2	DOWN	42.3	4.0	10M0 D7W	15000	2YNK01	672 CH DIG	-98.5	62.4	-173.5	9.0	-107.5
75.	NEM883	6725.0	-34.2	A64170	0.1	DOWN	42.3	4.0	10M0 D7W	15000	2YXJ02	672 CH DIG	-98.5	64.3	-173.5	9.0	-107.5
75.	NEV600	6725.0	-34.2	A64170	0.1	DOWN	42.3	4.0	10M0 D7W	15000	2YXJ02	672 CH DIG	-98.5	64.3	-173.5	9.0	-107.5
108.	NER326	6725.0	-47.6	A63170	0.1	UP	39.8	13.0	10M0 D9W	15000	26MS03	672 CH DIG	-110.0	62.4	-173.5	9.0	-118.9
108.	WNTD86	6725.0	-47.6	A64170	0.1	DOWN	42.3	16.0	10M0 D9W	15000	26MS03	672 CH DIG	-110.5	62.9	-173.5	9.0	-119.5

B

APPENDIX B - AUXILIARY BROADCAST BAND (6875 - 7125 MHz)

B1.0 INTRODUCTION

B1.1 General

In this Appendix, the effects of a Globalstar satellite downlink operating with a variable power flux density ranging from -164.5 to -173.5 dBW/m^2/4 kHz is investigated into terrestrial receivers. The receivers are located in the following geographic areas:

Columbus, Ohio
Washington, DC
Chicago, Illinois
San Mateo, California
New Orleans, Louisiana

The 6875 - 7125 MHz frequency band is extensively used by the television broadcast industry to support their overall broadcasting requirements. This auxiliary band is primarily utilized for two different uses. One use is for fixed point-to-point links, which are usually simplex paths used to transmit FM/Video signals from the Television studio to the VHF or UHF transmitter location. This type of use is commonly referred to as a Studio-to-Transmitter (STL) link.

The second primary use for this auxiliary band is referred to as Electronic News Gathering (ENG) or remote pick-up stations. Remote pick-up stations are used to transmit local news-related events from the field to the studio. Since the location of the remote pick-up stations are usually changing from day-to-day, the interference calculations become very complicated. Due to this complexity, Appendix D will discuss the technical details concerning ENG or remote pickup services in this band and in the 6425 - 6525 MHz band. This appendix will address the fixed point-to-point links operating in the 6875 - 7125 MHz band.

The actual system parameters for fixed microwave paths in each area are analyzed and the received carrier level is compared to the predicted interference received from a Globalstar satellite.

B1.2 Basis of Analysis

For the downlink analysis the following criteria were used in the analysis.

- Site locations were selected in congested terrestrial microwave areas with varying terrain features and climate-

zones. This ensures that a significant magnitude for a diverse variety of terrestrial microwave systems are considered in areas with varying Radio Frequency (RF) propagation characteristics.

- Once the site locations were established, a geographic boundary was defined as a 120 mile square area with the city reference coordinates (as listed in FCC Rule Part 76.53) located in the center of this area. All microwave paths operating within this boundary are considered in this analysis.

- The power flux density (PFD) of the Globalstar satellite signal varies as shown in Tables B2.3-1 from a minimum of -173.5 to a maximum of -164.5 dBW/m^2/4 kHz.

- The tilt angle of a terrestrial microwave receive antenna was calculated based upon the difference in the overall height above sea level between a path's transmit and receive antennas. The tilt angle was then used to determine the PFD. When the terrestrial antenna is pointed in a downward direction a PFD of -173.5 dBW/m^2/4 kHz was employed and if the antenna is pointed straight upward a PFD of -164.5 dBW/m^2/ 4 kHz was used. For 0 to 90 degrees pointing angles, the maximum PFD coupled with the maximum antenna gain was used.

- This analysis utiliyes the fact that a terrestrial microwave antenna will only be main beam illuminated by one Globalstar satellite at a time.

- The bandwidth of the terrestrial receiver is based upon typical receive filter bandwidths currently operating in the appropriate frequency bands and varies depending upon the modulation scheme of the transmitter for:

  - Analog (FDM/FM) systems, typical receive filters are approximately two times the emission bandwidth of the transmitter.

  - Digital Systems, a receive filter bandwidth of 1.5 times the emission bandwidth was used.

  - Video Systems (AM and FM) a receiver bandwidth equal to the transmitter bandwidth was used.

- The Globalstar satellite downlink signal consists of 13-1.23 MHz bandwidth signals occupying a 16.5 MHz bandwidth channel with 8 left hand circular polarized (LHCP) channels and 8 right hand circular polarized channels (RHCP) utilizing approximately 200 MHz of bandwidth.

- The critical angle for determining the interfering signal level into a terrestrial receive antenna from a LEO satellite is in the vertical plane. Since the vertical radiation patterns of terrestrial microwave antennas are not usually available from the antenna manufacturers, the following assumption is used in our analysis. It is assumed that due to the geometric symmetry of terrestrial parabolic antennas, the radiation pattern in the vertical plane (perpendicular to the ground) is equivalent to the radiation pattern in the horizontal plane.

- Interference analysis is based on co-channel interference objectives.

- No geographic or man-made obstruction is assumed to exist between the terrestrial microwave antenna and the proposed LEO satellite.

- For terrestrial systems utilizing billboard reflectors as passive repeaters, if the predicted LEO satellite signal level fails to meet or satisfies the prescribed interference criteria at the repeater location it is assumed that the criteria would continue to be missed or satisfied at the final receive station.

- When a terrestrial receive station utilizes a periscope antenna system (consisting of a billboard reflector mounted above ground level which reflects the desired signal toward the ground where a parabolic antenna is pointed straight upward), the LEO satellite signal level was calculated twice. The first method determines the satellite signal level into the terrestrial receiver when the satellite passes the horizon and illuminates the billboard at a PFD of approximately -173.5 $dBW/m^2/4$ kHz. The second method determines the signal level when the satellite passes directly above the parabolic antenna that is pointed straight upward. Both signal levels were then compared to the appropriate interference objective to determine if the satellite signal level would satisfy the objective in both worst-case interference scenarios.

- Currently applied for and deployed microwave systems were analyzed.

B1.3 <u>Constraints for Analysis</u>

- The database containing the fixed point-to-point records used in this analysis was constructed from the information stated on the FCC application for authorization (FCC Form 313). Earlier versions of the FCC Form 313 did not require applicants to specifically

indicate the geographic coordinates, ground elevation, antenna centerline height above ground or fixed losses at the receive station. Therefore, the database contains inaccuracies with respect to these records. These inaccuracies effect the accuracy of the calculated tilt angle of the terrestrial receive antenna. It is not believed that these inaccuracies will result in significant errors.

- Also, since the interference objectives into video receivers are based upon Carrier-to-Interference ratios and both signals will experience the same fixed losses between the receive antenna and the receiver, the carrier to interference ratio calculated at the receive antenna will not affected by the possible inaccuracy of receiver fixed losses.

B2.0 Methodology

B2.1 General

The approach undertaken in this study is to determine from a practical point of view if the Globalstar satellite downlink with a power flux density ranging from a maximum of -164.5 dBW/m^2/4 kHz to a minimum of -173.5 dBW/m^2/4 kHz will cause excessive interference into typical fixed service microwave receivers operating in the 6875 to 7125 MHz band.

For the selected areas, the Comsearch database was searched for all the existing licensed records. Interference calculations were performed based upon the methodology given in Section 2.1.3 of the main report. The computed carrier-to-interference ratios were then compared to the objectives derived in Section 2.1.2 of the main report. All of the analyzed cases were then compiled, tabulated and reported in this appendix.

B2.2 Interference Objectives

- Required (C/I) levels from 16.5 MHz signal are estimated to be:

  Auxiliary Broadcast video traffic (long haul) 66 dB
  Auxiliary Broadcast video traffic (short haul) 54 dB

Details concerning these C/I ratios are presented in Section 2.1.2 of the main report.

B2.3 Power Flux Density (Interference Level)

The power flux density into a terrestrial receiver is based on the pointing angle of the terrestrial receive antenna and the associated power flux density levels presented in Table B2.3.1.

Elevation	PFD (dWB/4 kHz/m^2)
0	-173.5
5	-171.5
10	-169.5
15	-168.5
20	-166.5
25	-165.5
30	-164.5
40	-164.5
50	-164.5
60	-164.5
70	-164.5
80	-164.5
90	-164.5
The PFD has over a 3 dB margin for uneven loading	

TABLE B2.3-1
C-Band Power Flux Density (PFD)

B2.4 APPLICABLE INTERFERENCE LEVELS

6875 - 7125 MHz Auxiliary Broadcast Band

Referencing equation 2-17 in Section 2.1.3, with D=0 and for λ = 6975 MHz, the expected interference levels for different bandwidths are:

$I_R = -172.8 + G_R - FL$ dBm/4 kHz
$I_R = -135.8 + G_R - FL$ dBm/20 MHz
$I_R = -134.8 + G_R - FL$ dBm/25 MHz

B3.0 SUMMARY OF RESULTS

B3.1 General

In this section, the results of individual areas studied will be presented. The material will be presented for each individual area and then the results of all areas analyzed will be collectively summarized. All terrestrial receivers analyzed are presented in Attachment B3.1-1 of this appendix. Please note that Attachment B3.1-1 includes ENG database records.

B3.2 Areas Analyzed

B3.2.1 Columbus, Ohio

In the Columbus, Ohio area, there were 104 paths analyzed. All of the paths satisfied the long haul interference objective of 66 dB.

There was 1 Electronic News Gathering (ENG) record located in this area.

B3.2.2 Washington, DC

In Washington, DC area, there were 60 paths analyzed and 91.7 percent of the cases met the long haul objective. There are only 5 unresolved cases for the long haul objective and all of these cases satisfy the short haul objective (54 dB). In addition, 80 percent of the cases were within 2.3 dB of the long haul objective with the worst case being 9.6 dB.

There were 16 ENG records located in this area.

B3.2.3 Chicago, Illinois

In the Chicago, Illinois area, there were 48 paths analyzed and 100 percent met the short haul objective (54 dB). There were 95.8 percent of the cases that met the long haul objective (66 dB). These two cases were at 65.8 dB or 0.2 dB from the objective.

There were 2 ENG records located in this area.

B3.2.4 San Mateo, California

In the San Mateo, California area, there were 134 paths analyzed. There are 99.3 percent of the cases that meet the long haul objective (66 dB). The only unresolved case is 0.9 dB below the short haul objective of 54 dB.

There were 3 ENG records located in this area.

B3.2.5 New Orleans, Louisiana

In the New Orleans area, there were 14 auxiliary broadcast facilities analyzed. The minimum C/I level was 75.1 dB. All cases in the New Orleans area will be free from interference from the LEO downlink.

B3.3 Summary of Results for Auxiliary Broadcast 6875 - 7125 MHz Band

The results of the analysis are summarized in Table B.3.3-1.

FM/Video Cases					
Location	**Total Number of Cases**	**Met 66 dB C/I**	**Met 54 dB C/I**	**Unresolved 66 dB C/I**	**Unresolved 54 dB C/I**
Columbus, OH	104	104	104	0	0
Washington, DC	60	55	60	5	0
Chicago, IL	48	46	48	2	0
San Mateo, CA	134	133	133	1	1
New Orleans, LA	13	13	13	0	0
Total	359	351	358	8	1

Table B3.3-1
Summary of Analyzed Cases for 5 Major Areas for the 6875 - 7125 MHz Auxiliary Broadcast Band

Table B3.3-1 shows a small number of cases which didn't meet the long haul (and medium haul) interference objective.

There were a total of 359 paths analyzed in this study. There were 97.8 percent of the paths that satisfied the long haul objective of 66 dB.

The short haul objective (54 dB) was met in 99.7 percent of the cases and the only case above the short haul objective had a C/I level of 53.1 dB.

The interference objective, as given in Appendix D, for the carrier to interference power ratio, C/I, is low compared to other modulations. Thus, allowing the studied cases to more easily meet the objective than into other modulations. Furthermore, the 8 outstanding cases could be further investigated in order to determine whether they need to be treated with a long (or medium) haul objective. For example, if the use of these paths is for STL application, they can be treated as short haul. See Appendix D.

The results also show that the density of point-to-point paths is not as great in the Auxiliary Broadcast band as in the OF band for the areas analyzed. The highest number of paths is 134 paths in the San Mateo area. Though these numbers are not high, one has to include the ENG utilization in this band. The ENG follow a 54 dB C/I criteria, according to the analysis given in Section C2.1.2.1 of Appendix D. Appendix D shows that for several ENG configurations the 54 dB C/I can be met.

	0-1 dB	1-2 dB	2-3 dB	3-6 dB	6-10 dB	>10 dB
Long Haul	4	1	1	0	1	1
Short Haul	1	0	0	0	0	0

Table A3.3-2
Distribution of Unresolved FM/Video Cases for Long Haul and Short Haul Interference Objectives

Table B.3.3-2 indicates that 75 percent of the unresolved long haul cases are within 3 dB of the objective and there is only one case unresolved for the short haul objective of 54 dB.

The results of the analysis indicate that additional studies are required to further quantify the impact of the downlink on the Auxiliary Broadcast systems if the systems are to be considered long haul.

APPENDIX B

ATTACHMENT

TABLE B3-2 CASES ANALYZED

Table B3.3-2 CASES ANALYZED

Columbus, Ohio

Rec. Num.	Call Sign	Freq. (Mhz)	C (dBm)	Antenna Type	Tilt Ang. (Deg.)	Gain (dBi)	LL (dB)	Emission Desig.	Bw (Khz)	Equip. Code	Loading	I (dBm)	C/I (dB)	Pwr.Flx (dBW/4Khz)	Adj.I (dB)	Adj.C/I (dB)
53.	RXONLY	6975.0	-87.1	060000	0.2 DOWN	13.0	0.0		25000	999999	VIDEO	-121.9	34.8	-173.5	9.0	43.8
45.	RXONLY	6975.0	-35.6	*63000	0.4 DOWN	39.5	0.0		25000	999999	VIDEO	-95.4	59.8	-173.5	9.0	68.8
4.	ATHENS	6975.0	-33.7	S63400	0.3 UP	39.7	0.0		25000	999999	VIDEO	-95.2	61.5	-173.4	8.9	70.3
6.	RXONLY	6975.0	-34.1	*63000	0.3 DOWN	39.5	0.0		25000	23WW01	VIDEO	-95.4	61.3	-173.5	9.0	70.3
7.	RXONLY	6975.0	-33.7	S63400	0.3 UP	39.7	0.0		25000	23WW01	VIDEO	-95.2	61.5	-173.4	8.9	70.3
8.	RXONLY	6975.0	-33.9	*63000	0.3 UP	39.5	0.0		25000	23WW01	VIDEO	-95.4	61.5	-173.4	8.9	70.3
3.	ATHENS	6975.0	-33.7	S63400	0.2 DOWN	39.7	0.0	25000F9	25000	23WW01	VIDEO	-95.2	61.5	-173.5	9.0	70.5
3.	CARMEL	6975.0	-33.7	S63400	0.2 DOWN	39.7	0.0	25000F9	25000	23WW01	VIDEO	-95.2	61.5	-173.5	9.0	70.5
57.	RXONLY	6975.0	-33.5	A63130	0.2 UP	39.7	0.0		25000	1009	VIDEO	-95.2	61.6	-173.4	8.9	70.5
60.	RXONLY	6975.0	-33.6	A63130	0.3 UP	39.7	0.0		25000	1009	VIDEO	-95.2	61.6	-173.3	8.8	70.5
54.	RXONLY	6975.0	-32.5	A93000	0.5 DOWN	39.5	0.0		25000	AB0004	VIDEO	-95.4	62.9	-173.5	9.0	71.9
9.	RXONLY	6975.0	-29.1	*64000	0.3 UP	42.0	0.0		25000	23WW01	VIDEO	-92.9	63.8	-173.4	8.9	72.6
2.	ATHENS	6975.0	-29.1	A64270	0.2 DOWN	42.0	0.0	25000F9	25000	23WW01	VIDEO	-92.9	63.8	-173.5	9.0	72.8
2.	CARMEL	6975.0	-29.1	A64270	0.2 DOWN	42.0	0.0	25000F9	25000	23WW01	VIDEO	-92.9	63.8	-173.5	9.0	72.8
5.	ATHENS	6975.0	-29.1	A64270	0.2 DOWN	42.0	0.0	25000F9	25000	23WW01	VIDEO	-92.9	63.8	-173.5	9.0	72.8
23.	RXONLY	6975.0	-28.4	A64120	0.2 DOWN	42.3	0.0		25000	999999	VIDEO	-92.6	64.2	-173.5	9.0	73.2
36.	RXONLY	6975.0	-28.4	S64300	0.3 UP	42.2	0.0		25000	999999	VIDEO	-92.7	64.3	-173.4	8.9	73.2
33.	RXONLY	6975.0	-28.2	A64270	0.3 DOWN	42.0	0.0		25000	23WW01	VIDEO	-92.9	64.6	-173.5	9.0	73.6
21.	RXONLY	6975.0	-30.4	*63000	0.6 UP	39.5	0.0		25000	23WW01	VIDEO	-95.4	65.0	-173.2	8.7	73.7
11.	HIGHHI	6975.0	-28.0	A64270	0.1 DOWN	42.0	0.0	25000F9	25000	23WW01	VIDEO	-92.9	64.9	-173.5	9.0	73.9
13.	RINGOL	6975.0	-28.0	A64270	0.1 DOWN	42.0	0.0	25000F9	25000	23WW01	VIDEO	-92.9	64.9	-173.5	9.0	73.9
25.	RXONLY	6975.0	-33.5	A62130	0.1 DOWN	36.3	0.0		25000	999999	VIDEO	-98.6	65.1	-173.5	9.0	74.1
10.	WHIZTV	6975.0	-30.0	*63000	0.5 DOWN	39.5	0.0		25000	999999	VIDEO	-95.4	65.4	-173.5	9.0	74.4
55.	RXONLY	6975.0	-29.8		0.3 UP	39.5	0.0		25000	AB0004	VIDEO	-95.4	65.6	-173.4	8.9	74.4
70.	WBE725	6975.0	-28.2	R65100	0.2 DOWN	41.2	0.0	25000F9	25000	24SY02	VIDEO	-93.7	65.4	-173.5	9.0	74.4
70.	WBE812	6975.0	-28.2	R65100	0.2 DOWN	41.2	0.0	25000F9	25000	24SY02	VIDEO	-93.7	65.4	-173.5	9.0	74.4
22.	RXONLY	6975.0	-24.8	S65300	0.4 DOWN	44.0	0.0		25000	999999	VIDEO	-90.9	66.0	-173.5	9.0	75.0
26.	WLE225	6975.0	-23.2	A66140	0.3 DOWN	45.6	0.0	F9	25000	000000	VIDEO	-89.3	66.1	-173.5	9.0	75.1
26.	WLE221	6975.0	-23.2	A66350	0.1 DOWN	45.6	0.0	F9	25000	000000	VIDEO	-89.3	66.1	-173.5	9.0	75.1
38.	RXONLY	6975.0	-26.2	*64000	0.5 UP	42.0	0.0		25000	23WW01	VIDEO	-92.9	66.6	-173.2	8.7	75.4
27.	WLE859	6975.0	-25.8	S64400	0.2 DOWN	42.2	0.0	25000F9	25000	23WW01	VIDEO	-92.7	66.8	-173.5	9.0	75.8
27.	WLE851	6975.0	-25.8	S64400	0.0 DOWN	42.2	0.0	25000F9	25000	23WW01	VIDEO	-92.7	66.8	-173.5	9.0	75.8
30.	ATHENS	6975.0	-25.8	S64400	0.1 DOWN	42.2	0.0	25000F9	25000	23WW01	VIDEO	-92.7	66.8	-173.5	9.0	75.8
30.	RINGGO	6975.0	-25.8	S64400	0.2 DOWN	42.2	0.0	25000F9	25000	23WW01	VIDEO	-92.7	66.8	-173.5	9.0	75.8
31.	RINGOL	6975.0	-25.8	S64400	0.2 DOWN	42.2	0.0	25000F9	25000	23WW01	VIDEO	-92.7	66.8	-173.5	9.0	75.8
31.	ATHENS	6975.0	-25.8	S64400	0.1 DOWN	42.2	0.0	25000F9	25000	23WW01	VIDEO	-92.7	66.8	-173.5	9.0	75.8
32.	RINGOL	6975.0	-25.8	S64400	0.2 DOWN	42.2	0.0	25000F9	25000	23WW01	VIDEO	-92.7	66.8	-173.5	9.0	75.8
32.	ATHENS	6975.0	-25.8	S64400	0.1 DOWN	42.2	0.0	25000F9	25000	23WW01	VIDEO	-92.7	66.8	-173.5	9.0	75.8
14.	RXONLY	6975.0	-25.4	*64000	0.6 UP	42.0	0.0		25000	999999	VIDEO	-92.9	67.5	-173.2	8.7	76.2
15.	RXONLY	6975.0	-25.4	*64000	0.6 UP	42.0	0.0		25000	999999	VIDEO	-92.9	67.5	-173.2	8.7	76.2
16.	RXONLY	6975.0	-27.9	*63000	0.6 UP	39.5	0.0		25000	23WW01	VIDEO	-95.4	67.5	-173.2	8.7	76.2
18.	RXONLY	6975.0	-27.8	*63000	0.7 UP	39.5	0.0		25000	999999	VIDEO	-95.4	67.5	-173.1	8.6	76.2
19.	RXONLY	6975.0	-25.4	*64000	0.6 UP	42.0	0.0		25000	999999	VIDEO	-92.9	67.5	-173.2	8.7	76.2
20.	RXONLY	6975.0	-25.4	*64000	0.6 UP	42.0	0.0		25000	999999	VIDEO	-92.9	67.5	-173.2	8.7	76.2
11.	RINGOL	6975.0	-28.0	A63270	0.2 DOWN	39.4	0.0	25000F9	25000	23WW01	VIDEO	-95.5	67.5	-173.5	9.0	76.5

Columbus, Ohio

Rec. Num.	Call Sign	Freq. (Mhz)	C (dBm)	Antenna Type	Tilt (Deg.)	Ang.	Gain (dBi)	LL (dB)	Emission Desig.	Bw (Khz)	Equip. Code	Loading	I (dBm)	C/I (dB)	Pwr.Flx (dBW/4Khz)	Adj.I (dB)	Adj.C/I (dB)
13.	HIGHHI	6975.0	-28.0	A63270	0.1	DOWN	39.4	0.0	25000F9	25000	23WW01	VIDEO	-95.5	67.5	-173.5	9.0	76.5
66.	AKRON	6975.0	-25.7	R65100	0.5	UP	41.2	0.0		25000	24SY02	VIDEO	-93.7	68.0	-173.2	8.7	76.8
76.	CAREY	6975.0	-22.7	P65400	0.2	DOWN	44.1	0.0		25000	999999	VIDEO	-90.8	68.0	-173.5	9.0	77.0
80.	WBB443	6975.0	-21.1	P66400	0.2	DOWN	45.7	0.0	F9	25000	000000	VIDEO	-89.2	68.0	-173.5	9.0	77.0
72.	BUTLER	6975.0	-22.5	P65000	0.3	UP	44.0	0.0		25000	24SY02	VIDEO	-90.9	68.3	-173.3	8.8	77.2
42.	WAH481	6975.0	-22.2	P65400	0.1	DOWN	44.1	0.0	F9	25000	000000	VIDEO	-90.8	68.6	-173.5	9.0	77.6
43.	COLUMB	6975.0	-24.0	P64000	0.1	DOWN	42.3	0.0		25000	999999	VIDEO	-92.6	68.6	-173.5	9.0	77.6
79.	MARION	6975.0	-19.6	P66400	0.2	DOWN	45.7	0.0		25000	999999	VIDEO	-89.2	69.5	-173.5	9.0	78.5
81.	WBB505	6975.0	-19.7	P66400	0.2	DOWN	45.7	0.0		25000	999999	VIDEO	-89.2	69.5	-173.5	9.0	78.5
82.	WBB486	6975.0	-19.6	P66400	0.2	DOWN	45.7	0.0		25000	999999	VIDEO	-89.2	69.5	-173.5	9.0	78.5
84.	NOC	6975.0	-19.7	P66400	0.2	DOWN	45.7	0.0		25000	999999	VIDEO	-89.2	69.5	-173.5	9.0	78.5
69.	RXONLY	6975.0	-19.4	S66300	0.4	UP	45.6	0.0		25000	24SY02	VIDEO	-89.3	69.8	-173.3	8.8	78.6
74.	MARION	6975.0	-21.1	P65400	0.2	DOWN	44.1	0.0		25000	999999	VIDEO	-90.8	69.6	-173.5	9.0	78.6
80.	WBB486	6975.0	-21.1	P65400	0.2	DOWN	44.1	0.0	F9	25000	000000	VIDEO	-90.8	69.6	-173.5	9.0	78.6
75.	MARION	6975.0	-19.3	P66000	0.2	DOWN	45.9	0.0		25000	999999	VIDEO	-89.0	69.7	-173.5	9.0	78.7
28.	RXONLY	6975.0	-22.8	S64400	0.4	DOWN	42.2	0.0		25000	999999	VIDEO	-92.7	69.8	-173.5	9.0	78.8
71.	WBE725	6975.0	-19.4	S66300	0.3	DOWN	45.6	0.0	25000F9	25000	24SY02	VIDEO	-89.3	69.8	-173.5	9.0	78.8
71.	WBE812	6975.0	-19.4	S66300	0.1	DOWN	45.6	0.0	25000F9	25000	24SY02	VIDEO	-89.3	69.8	-173.5	9.0	78.8
73.	RXONLY	6975.0	-19.3	S66300	0.3	UP	45.6	0.0		25000	24SY02	VIDEO	-89.3	69.9	-173.3	8.8	78.8
58.	RXONLY	6975.0	-22.0	P64400	0.4	UP	42.3	0.0		25000	999999	VIDEO	-92.6	70.5	-173.3	8.8	79.3
42.	WBB427	6975.0	-22.2	P64400	0.1	DOWN	42.3	0.0	F9	25000	000000	VIDEO	-92.6	70.4	-173.5	9.0	79.4
52.	LONDON	6975.0	-20.4	P65400	0.1	DOWN	44.1	0.0		25000	999999	VIDEO	-90.8	70.4	-173.5	9.0	79.4
17.	RXONLY	6975.0	-22.4	*64000	0.2	DOWN	42.0	0.0		25000	999999	VIDEO	-92.9	70.5	-173.5	9.0	79.5
59.	WCARRO	6975.0	-22.0	P64400	0.1	DOWN	42.3	0.0		25000	999999	VIDEO	-92.6	70.5	-173.5	9.0	79.5
67.	RXONLY	6975.0	-20.1	P65000	0.5	UP	44.0	0.0		25000	24SY02	VIDEO	-90.9	70.8	-173.2	8.7	79.6
68.	RXONLY	6975.0	-20.1	P65000	0.5	UP	44.0	0.0		25000	24SY02	VIDEO	-90.9	70.8	-173.3	8.8	79.6
77.	WBE768	6975.0	-23.3	S65100	0.4	DOWN	44.0	0.0	12500F9	12500	24S607	VIDEO	-93.9	70.6	-173.5	9.0	79.6
50.	WILBER	6975.0	-19.7	P65400	0.2	DOWN	44.1	0.0		25000	999999	VIDEO	-90.8	71.1	-173.5	9.0	80.1
41.	LONDON	6975.0	-19.7	P65000	0.3	DOWN	44.0	0.0		25000	999999	VIDEO	-90.9	71.2	-173.5	9.0	80.2
85.	RXONLY	6975.0	-19.3	*65000	0.2	DOWN	44.0	0.0		25000	999999	VIDEO	-90.9	71.5	-173.5	9.0	80.5
61.	WHIO	6975.0	-26.6	*62000	0.4	UP	36.3	0.0		25000	999999	VIDEO	-98.6	72.0	-173.3	8.8	80.8
1.	CARMEL	6975.0	-18.1	*65000	0.4	UP	44.0	0.0		25000	999999	VIDEO	-90.9	72.8	-173.3	8.8	81.5
62.	RXONLY	6975.0	-18.4	A65230	0.2	DOWN	44.0	0.0		25000	999999	VIDEO	-90.9	72.5	-173.5	9.0	81.5
63.	RXONLY	6975.0	-18.4	A65230	0.2	DOWN	44.0	0.0		25000	999999	VIDEO	-90.9	72.5	-173.5	9.0	81.5
86.	RXONLY	6975.0	-22.0	*63000	1.1	UP	39.5	0.0		25000	999999	VIDEO	-95.4	73.3	-173.0	8.5	81.8
51.	WLE219	6975.0	-18.0	A65130	0.5	DOWN	43.9	0.0	F9	25000	000000	VIDEO	-91.0	73.0	-173.5	9.0	82.0
78.	RXONLY	6975.0	-16.2	*66000	0.4	DOWN	45.4	0.0		25000	999999	VIDEO	-89.5	73.2	-173.5	9.0	82.2
39.	RXONLY	6975.0	-18.4	S64300	0.4	DOWN	42.2	0.0		25000	2JYE04	VIDEO	-92.7	74.3	-173.5	9.0	83.3
51.	WLE218	6975.0	-18.0	A64130	0.4	UP	42.3	0.0	F9	25000	000000	VIDEO	-92.6	74.6	-173.3	8.8	83.4
37.	RXONLY	6975.0	-14.8	A66240	0.2	DOWN	45.4	0.0		25000	2JYE04	VIDEO	-89.5	74.6	-173.5	9.0	83.6
40.	RXONLY	6975.0	-14.8	A66240	0.2	DOWN	45.4	0.0		25000	2JYE04	VIDEO	-89.5	74.6	-173.5	9.0	83.6
77.	WAW471	6975.0	-19.3	*65000	0.0	DOWN	44.0	0.0	12500F9	12500	24S607	VIDEO	-93.9	74.6	-173.5	9.0	83.6
49.	WHA918	6975.0	-23.0	*62000	2.8	UP	36.3	0.0		20000	MACOM6	VIDEO	-99.5	76.5	-172.3	7.8	84.3
56.	K2336X	6975.0	-15.0	A65130	0.3	UP	43.9	0.0		25000	2K8D02	VIDEO	-91.0	76.0	-173.4	8.9	84.8
46.	WHA916	6975.0	-19.1	*63000	0.2	UP	39.5	0.0		20000	MACOM6	VIDEO	-96.3	77.2	-173.4	8.9	86.1
47.	WHA918	6975.0	-19.1	*63000	0.2	UP	39.5	0.0		20000	MACOM6	VIDEO	-96.3	77.2	-173.4	8.9	86.1
65.	RXONLY	6975.0	-21.7	*62000	0.1	UP	36.3	0.0		20000	MACOM6	VIDEO	-99.5	77.8	-173.4	8.9	86.8

Columbus, Ohio

Rec. Num.	Call Sign	Freq. (Mhz)	C (dBm)	Antenna Type	Tilt Ang. (Deg.)	Gain (dBi)	LL (dB)	Emission Desig.	Bw (Khz)	Equip. Code	Loading	I (dBm)	C/I (dB)	Pwr.Flx (dBW/4Khz)	Adj.I (dB)	Adj.C/I (dB)
24.	RXONLY	6975.0	-15.8	S91650	1.2 UP	39.9	0.0		25000	999999	VIDEO	-95.0	79.1	-172.9	8.4	87.5
29.	STATEO	6975.0	-20.0	*62000	0.0 DOWN	36.3	0.0		25000	999999	VIDEO	-98.6	78.6	-173.5	9.0	87.6
48.	WHA916	6975.0	-20.0	*62000	1.6 UP	36.3	0.0		20000	MACOM6	VIDEO	-99.5	79.5	-172.7	8.2	87.8
35.	RXONLY	6975.0	-15.8	S91650	1.5 DOWN	39.9	0.0		25000	2JYW06	VIDEO	-95.0	79.1	-173.5	9.0	88.1
64.	RXONLY	6975.0	-29.0	*62000	0.5 DOWN	36.3	0.0		2500	AB0023	VIDEO	-108.6	79.6	-173.5	9.0	88.6
83.	RXONLY	6975.0	-15.1	P63000	0.1 UP	39.8	0.0		25000	2	VIDEO	-95.1	79.9	-173.5	9.0	88.9
44.	RXONLY	6975.0	-14.2	A63120	0.8 UP	39.8	0.0		20000	MACOM6	VIDEO	-96.0	81.9	-173.1	8.6	90.5
34.	KWU22	6975.0	-12.8	A63005	1.4 UP	39.7	0.0	F9	25000	000000	VIDEO	-95.2	82.4	-172.9	8.4	90.7
34.	KWU23	6975.0	-12.8	A60910	1.4 DOWN	39.8	0.0	F9	25000	000000	VIDEO	-95.1	82.3	-173.5	9.0	91.3

Washington, District of Columbia

Rec. Num.	Call Sign	Freq. (Mhz)	C (dBm)	Antenna Type	Tilt (Deg.)	Ang.	Gain (dBi)	LL (dB)	Emission Desig.	Bw (Khz)	Equip. Code	Loading	I (dBm)	C/I (dB)	Pwr.Flx (dBW/4Khz)	Adj.I (dB)	Adj.C/I (dB)
41.	RXONLY	6975.0	-104.5	O60000	0.3	DOWN	13.0	0.0		25000	24SY02	VIDEO	-121.9	17.3	-173.5	9.0	26.3
67.	RXONLY	6975.0	-100.1	O60000	0.2	DOWN	13.0	0.0		20000	MACOM6	VIDEO	-122.8	22.8	-173.5	9.0	31.8
38.	RECWAS	6975.0	-93.7	O60000	1.1	DOWN	13.0	0.0		25000	MOBILE	VIDEO	-121.9	28.2	-173.5	9.0	37.2
59.	RXONLY	6975.0	-92.7	O60000	1.1	DOWN	13.0	0.0		25000	MOBILE	VIDEO	-121.9	29.2	-173.5	9.0	38.2
7.	RXONLY	6975.0	-88.5	O60000	0.3	DOWN	13.0	0.0		25000	2YEF01	VIDEO	-121.9	33.4	-173.5	9.0	42.4
8.	RXONLY	6975.0	-80.5	O60000	0.3	DOWN	13.0	0.0		25000	2YEF01	VIDEO	-121.9	41.4	-173.5	9.0	50.4
9.	RXONLY	6975.0	-80.5	O60000	0.4	DOWN	13.0	0.0		25000	2YEF01	VIDEO	-121.9	41.4	-173.5	9.0	50.4
6.	RECWAS	6975.0	-79.6	O60000	0.2	DOWN	13.0	0.0		25000	999999	VIDEO	-121.9	42.3	-173.5	9.0	51.3
17.	RXONLY	6975.0	-78.2	O60000	0.1	DOWN	13.0	0.0		25000	24SY02	VIDEO	-121.9	43.6	-173.5	9.0	52.6
18.	RXONLY	6975.0	-78.2	O60000	0.1	DOWN	13.0	0.0		25000	24SY02	VIDEO	-121.9	43.6	-173.5	9.0	52.6
13.	RXONLY	6975.0	-77.6	O60000	0.2	DOWN	13.0	0.0		25000	24SY02	VIDEO	-121.9	44.3	-173.5	9.0	53.3
72.	RXONLY	6975.0	-52.5	*62000	1.1	UP	36.3	0.0		25000	PASSIV	VIDEO	-98.6	46.1	-173.0	8.5	54.6
11.	RXONLY	6975.0	-74.0	O60000	0.1	DOWN	13.0	0.0		25000	999999	VIDEO	-121.9	47.8	-173.5	9.0	56.8
65.	RXONLY	6975.0	-75.1	O60000	0.2	DOWN	13.0	0.0		20000	MACOM6	VIDEO	-122.8	47.8	-173.5	9.0	56.8
66.	RXONLY	6975.0	-75.1	O60000	0.2	DOWN	13.0	0.0		20000	MACOM6	VIDEO	-122.8	47.8	-173.5	9.0	56.8
75.	RXONLY	6975.0	-75.1	O60000	0.2	DOWN	13.0	0.0		20000	MACOM6	VIDEO	-122.8	47.8	-173.5	9.0	56.8
44.	9THPEA	6975.0	-44.8	A62130	0.3	DOWN	36.3	0.0		20000	MACOM6	VIDEO	-99.5	54.7	-173.5	9.0	63.7
45.	RXONLY	6975.0	-42.8	*62000	0.4	DOWN	36.3	0.0		25000	24S604	VIDEO	-98.6	55.7	-173.5	9.0	64.7
48.	BRANDY	6975.0	-41.8	A62130	0.0	DOWN	36.3	0.0	25000F9	25000	24SY02	VIDEO	-98.6	56.7	-173.5	9.0	65.7
48.	TVHILL	6975.0	-41.8	A62130	0.4	DOWN	36.3	0.0	25000F9	25000	24SY02	VIDEO	-98.6	56.7	-173.5	9.0	65.7
12.	RXONLY	6975.0	-61.6	O10000	0.2	DOWN	13.0	0.0		25000	999999	VIDEO	-121.9	60.3	-173.5	9.0	69.3
4.	RXONLY	6975.0	-36.5	A62100	0.2	DOWN	36.2	0.0		25000	24SY02	VIDEO	-98.7	62.2	-173.5	9.0	71.2
5.	RXONLY	6975.0	-33.0	*63000	0.1	DOWN	39.5	0.0		25000	24SY02	VIDEO	-95.4	62.4	-173.5	9.0	71.4
47.	JOPLIN	6975.0	-33.9	R63200	0.3	DOWN	38.2	0.0	25M0 F8W	25000	2YL601	VIDEO	-96.7	62.8	-173.5	9.0	71.8
23.	TYSTON	6975.0	-34.3	*62000	0.1	DOWN	36.3	0.0		25000	999999	VIDEO	-98.6	64.3	-173.5	9.0	73.3
49.	RXONLY	6975.0	-30.8	A63005	0.2	DOWN	39.7	0.0		25000	24SY02	VIDEO	-95.2	64.3	-173.5	9.0	73.3
2.	LADYSM	6975.0	-29.9	A63005	0.2	DOWN	39.7	0.0		25000	2YL601	VIDEO	-95.2	65.2	-173.5	9.0	74.2
21.	WJG75	6975.0	-29.8	A63120	0.1	UP	39.8	0.0	25000F9	25000	2KGN02	VIDEO	-95.1	65.3	-173.5	9.0	74.2
19.	RXONLY	6975.0	-29.4	A63005	0.3	DOWN	39.7	0.0		25000	2YL601	VIDEO	-95.2	65.8	-173.5	9.0	74.8
22.	WJG75	6975.0	-28.6	A63120	0.1	UP	39.8	0.0	25000F9	25000	2KGN02	VIDEO	-95.1	66.5	-173.4	8.9	75.4
3.	RXONLY	6975.0	-28.4	A63005	0.2	DOWN	39.7	0.0		25000	24SY02	VIDEO	-95.2	66.7	-173.5	9.0	75.7
46.	RXONLY	6975.0	-37.9	*61000	0.4	UP	30.0	0.0		25000	24SY02	VIDEO	-104.9	66.9	-173.3	8.8	75.7
68.	RXONLY	6975.0	-27.8	N64000	0.2	UP	39.8	0.0		25000	AB0004	VIDEO	-95.1	67.2	-173.4	8.9	76.1
69.	RXONLY	6975.0	-27.8	N64000	0.2	UP	39.8	0.0		25000	AB0004	VIDEO	-95.1	67.2	-173.4	8.9	76.1
70.	RXONLY	6975.0	-27.8	N64000	0.2	UP	39.8	0.0		25000	AB0004	VIDEO	-95.1	67.2	-173.4	8.9	76.1
71.	RXONLY	6975.0	-27.8	N64000	0.2	UP	39.8	0.0		25000	AB0004	VIDEO	-95.1	67.2	-173.4	8.9	76.1
74.	RXONLY	6975.0	-28.1	*63000	0.1	DOWN	39.5	0.0		25000	999999	VIDEO	-95.4	67.3	-173.5	9.0	76.3
61.	RXONLY	6975.0	-30.4	*62000	0.9	UP	36.3	0.0		25000	24SY02	VIDEO	-98.6	68.1	-173.0	8.5	76.7
30.	NEBRAS	6975.0	-41.1	N31000	0.4	UP	26.0	0.0		20000	MACOM6	VIDEO	-109.8	68.7	-173.3	8.8	77.5
20.	WNVTXM	6975.0	-26.7	*63000	0.2	DOWN	39.5	0.0		25000	24SY02	VIDEO	-95.4	68.7	-173.5	9.0	77.7
51.	RXONLY	6975.0	-28.9	A62100	1.1	UP	36.2	0.0		25000	MICRO7	VIDEO	-98.7	69.7	-173.0	8.5	78.2
52.	RXONLY	6975.0	-28.9	A62100	1.1	UP	36.2	0.0		25000	MICRO7	VIDEO	-98.7	69.7	-173.0	8.5	78.2
1.	RXONLY	6975.0	-25.9	*63000	0.2	DOWN	39.5	0.0		25000	24SY02	VIDEO	-95.4	69.5	-173.5	9.0	78.5
47.	8101AL	6975.0	-24.9	A63005	0.1	UP	39.7	0.0		25000	MICRO7	VIDEO	-95.2	70.3	-173.5	9.0	79.3
43.	RXONLY	6975.0	-24.7	A63005	0.2	UP	39.7	0.0		25000	24SY02	VIDEO	-95.2	70.5	-173.4	8.9	79.4
54.	RXONLY	6975.0	-28.2	A62130	0.4	DOWN	36.3	0.0		25000	24SY02	VIDEO	-98.6	70.4	-173.5	9.0	79.4
24.	WASHIN	6975.0	-27.7		0.3	UP	36.3	0.0		25000	24SY02	VIDEO	-98.6	70.8	-173.4	8.9	79.7

Washington, District of Columbia

Rec. Num.	Call Sign	Freq. (Mhz)	C (dBm)	Antenna Type	Tilt (Deg.)	Ang.	Gain (dBi)	LL (dB)	Emission Desig.	Bw (Khz)	Equip. Code	Loading	I (dBm)	C/I (dB)	Pwr.Flx (dBW/4Khz)	Adj.I (dB)	Adj.C/I (dB)
10.	RXONLY	6975.0	-24.1	A63130	0.2	DOWN	39.7	0.0		25000	24SY02	VIDEO	-95.2	71.1	-173.5	9.0	80.1
53.	RXONLY	6975.0	-27.0	A62130	0.4	DOWN	36.3	0.0		25000	24SY02	VIDEO	-98.6	71.6	-173.5	9.0	80.6
21.	WAH860	6975.0	-24.8	R63200	0.3	DOWN	38.2	0.0	25000F9	25000	2KGN02	VIDEO	-96.7	71.9	-173.5	9.0	80.9
56.	RXONLY	6975.0	-24.7	R63200	0.4	DOWN	38.2	0.0		25000	24SY02	VIDEO	-96.7	72.0	-173.5	9.0	81.0
37.	RXONLY	6975.0	-31.9	A63005	0.4	UP	39.7	10.0		25000	24SY02	VIDEO	-105.2	73.2	-173.3	8.8	82.0
22.	WAH860	6975.0	-23.6	R63200	0.3	DOWN	38.2	0.0	25000F9	25000	2KGN02	VIDEO	-96.7	73.1	-173.5	9.0	82.1
42.	INDEPE	6975.0	-21.7	*63000	0.0	UP	39.5	0.0		25000	999999	VIDEO	-95.4	73.6	-173.5	9.0	82.6
14.	2030M	6975.0	-20.8	A63430	1.0	UP	39.5	0.0	25000F9	25000	24SY02	VIDEO	-95.4	74.5	-173.0	8.5	83.1
76.	RXONLY	6975.0	-19.8	A63130	1.8	UP	39.7	0.0		25000	24SY02	VIDEO	-95.2	75.4	-172.7	8.2	83.6
58.	RXONLY	6975.0	-23.8	A62100	0.2	DOWN	36.2	0.0		25000	24SY02	VIDEO	-98.7	74.8	-173.5	9.0	83.8
62.	WCQ499	6975.0	-21.6	*62000	3.7	DOWN	36.3	0.0	25000F9	25000	24SY02	VIDEO	-98.6	76.9	-173.5	9.0	85.9
73.	RXONLY	6975.0	-21.6	*62000	3.8	DOWN	36.3	0.0		25000	24SY02	VIDEO	-98.6	76.9	-173.5	9.0	85.9
14.	WLG709	6975.0	-17.8	A63430	1.1	DOWN	39.5	0.0	25000F9	25000	24SY02	VIDEO	-95.4	77.5	-173.5	9.0	86.5
63.	WHF213	6975.0	-16.7	*63000	2.0	UP	39.5	0.0	25000F9	25000	24SY02	VIDEO	-95.4	78.6	-172.6	8.1	86.7
57.	RXONLY	6975.0	-16.8	A63005	0.4	UP	39.7	0.0		25000	24SY02	VIDEO	-95.2	78.3	-173.3	8.8	87.2
63.	WHF212	6975.0	-16.7	*63000	2.0	DOWN	39.5	0.0	25000F9	25000	24SY02	VIDEO	-95.4	78.6	-173.5	9.0	87.6
60.	BALTIM	6975.0	-20.1	A62130	0.3	DOWN	36.3	0.0		20000	MACOM6	VIDEO	-99.5	79.4	-173.5	9.0	88.4
26.	WASHIN	6975.0	-17.4	A62120	0.3	UP	36.3	0.0		25000	999999	VIDEO	-98.6	81.2	-173.4	8.9	90.0
16.	RECEIV	6975.0	-18.3	A62130	0.5	DOWN	36.3	0.0		20000	MACOM6	VIDEO	-99.5	81.2	-173.5	9.0	90.2
27.	RXONLY	6975.0	-17.4	A62130	0.1	DOWN	36.3	0.0		25000	24SY02	VIDEO	-98.6	81.2	-173.5	9.0	90.2
28.	RXONLY	6975.0	-17.4	A62130	0.1	DOWN	36.3	0.0		25000	24SY02	VIDEO	-98.6	81.2	-173.5	9.0	90.2
50.	RXONLY	6975.0	-15.9	A62130	0.8	DOWN	36.3	0.0		25000	24SY02	VIDEO	-98.6	82.7	-173.5	9.0	91.7
25.	NEBAVE	6975.0	-12.0	A62130	0.6	UP	36.3	0.0		25000	24SY02	VIDEO	-98.6	86.6	-173.2	8.7	95.3
39.	RECWAS	6975.0	-35.2	O60000	0.0	DOWN	13.0	0.0		25000	MOBILE	VIDEO	-121.9	86.6	-173.5	9.0	95.6
62.	KGM90	6975.0	-8.6	*62000	3.6	UP	36.3	0.0	25000F9	25000	24SY02	VIDEO	-98.6	89.9	-172.0	7.5	97.4
29.	2030M	6975.0	-8.6		3.3	UP	36.3	0.0		25000	999999	VIDEO	-98.6	90.0	-172.1	7.6	97.5
55.	RXONLY	6975.0	-3.1	*63000	0.5	UP	39.5	0.0		25000	24SY02	VIDEO	-95.4	92.2	-173.3	8.8	101.0
15.	2030M	6975.0	-2.8	A62100	1.4	UP	36.2	0.0		20000	MACOM6	VIDEO	-99.6	96.8	-172.8	8.3	105.2
64.	SETOND	6975.0	1.8	A62130	5.2	DOWN	36.3	0.0		25000	999999	VIDEO	-98.6	100.4	-173.5	9.0	109.4

Chicago, Illinois

Rec. Num.	Call Sign	Freq. (Mhz)	C (dBm)	Antenna Type	Tilt (Deg.)	Ang.	Gain (dBi)	LL (dB)	Emission Desig.	Bw (Khz)	Equip. Code	Loading	I (dBm)	C/I (dB)	Pwr.Flx (dBW/4Khz)	Adj.I (dB)	Adj.C/I (dB)
2.	FIXEDS	6975.0	-83.4	O70000	0.5	DOWN	13.0	0.0		25000	AB0004	VIDEO	-121.9	38.5	-173.5	9.0	47.5
40.	WHB338	6975.0	-34.0	A65130	0.3	UP	43.9	0.0	25000F9	25000	HARRI7	VIDEO	-91.0	57.0	-173.3	8.8	65.8
44.	CORAST	6975.0	-34.0	A65170	0.3	UP	43.9	0.0	25000F9	25000	254	VIDEO	-91.0	57.0	-173.3	8.8	65.8
31.	RXONLY	6975.0	-33.7	A60910	0.4	UP	39.8	0.0		25000	999999	VIDEO	-95.1	61.4	-173.3	8.8	70.2
1.	WADENA	6975.0	-33.4	R63200	0.3	DOWN	38.2	0.0		25000	999999	VIDEO	-96.7	63.2	-173.5	9.0	72.2
28.	RXONLY	6975.0	-35.4	*62000	0.2	DOWN	36.3	0.0		25000	999999	VIDEO	-98.6	63.2	-173.5	9.0	72.2
30.	RXONLY	6975.0	-35.4	*62000	0.2	DOWN	36.3	0.0		25000	254	VIDEO	-98.6	63.2	-173.5	9.0	72.2
26.	RXONLY	6975.0	-32.3	A93000	0.6	DOWN	39.5	0.0		23700	TEM185	VIDEO	-95.6	63.3	-173.5	9.0	72.3
27.	RXONLY	6975.0	-32.3	A93000	0.6	DOWN	39.5	0.0		23700	TEM185	VIDEO	-95.6	63.3	-173.5	9.0	72.3
42.	JOHNHA	6975.0	-31.4	*63000	0.1	DOWN	39.5	0.0		25000	999999	VIDEO	-95.4	63.9	-173.5	9.0	72.9
40.	WHB339	6975.0	-34.0	A62130	0.7	DOWN	36.3	0.0	25000F9	25000	HARRI7	VIDEO	-98.6	64.6	-173.5	9.0	73.6
44.	CHICAG	6975.0	-34.0	A62130	0.7	DOWN	36.3	0.0	25000F9	25000	254	VIDEO	-98.6	64.6	-173.5	9.0	73.6
3.	LAKEVI	6975.0	-32.0	R63200	0.2	DOWN	38.2	0.0		25000	999999	VIDEO	-96.7	64.7	-173.5	9.0	73.7
7.	KDV20	6975.0	-34.7	A93000	1.7	DOWN	39.5	5.0	25000F9	25000	HARRI7	VIDEO	-100.4	65.6	-173.5	9.0	74.6
25.	STJOHN	6975.0	-30.1	R63200	0.2	DOWN	38.2	0.0		25000	999999	VIDEO	-96.7	66.6	-173.5	9.0	75.6
23.	WMF459	6975.0	-28.6	A67716	0.3	UP	41.3	2.0	25M0 F8W	25000	27CW01	VIDEO	-95.6	67.0	-173.3	8.8	75.8
7.	KSH62	6975.0	-34.7	A93000	1.6	UP	39.5	7.0	25000F9	25000	HARRI7	VIDEO	-102.4	67.6	-172.7	8.2	75.9
43.	RXONLY	6975.0	-25.8	*64000	0.7	DOWN	42.0	0.0		25000	AB0034	VIDEO	-92.9	67.0	-173.5	9.0	76.0
19.	CHICAG	6975.0	-32.5	A62120	0.6	DOWN	36.3	1.0		25000	999999	VIDEO	-99.6	67.1	-173.5	9.0	76.1
33.	RXONLY	6975.0	-25.2	*64000	0.2	UP	42.0	0.0		25000	999999	VIDEO	-92.9	67.6	-173.4	8.9	76.5
41.	WHS256	6975.0	-25.5	A64350	0.3	UP	42.3	0.0	20000F9	20000	MACOM6	VIDEO	-93.5	68.0	-173.4	8.9	76.9
23.	WMF460	6975.0	-28.6	A67716	0.5	DOWN	41.3	4.0	25M0 F8W	25000	27CW01	VIDEO	-97.6	69.0	-173.5	9.0	78.0
18.	SEARST	6975.0	-25.0	A63130	1.9	DOWN	39.7	0.0		25000	999999	VIDEO	-95.2	70.2	-173.5	9.0	79.2
39.	SYORKR	6975.0	-23.7	M94713	0.6	UP	40.5	0.0	F9	25000	000000	VIDEO	-94.4	70.6	-173.2	8.7	79.3
39.	JOHNHA	6975.0	-23.7	M94713	0.8	DOWN	40.5	0.0	F9	25000	000000	VIDEO	-94.4	70.6	-173.5	9.0	79.6
17.	JOHNHA	6975.0	-24.5	A63130	0.1	DOWN	39.7	0.0		25000	999999	VIDEO	-95.2	70.7	-173.5	9.0	79.7
41.	SEARST	6975.0	-25.5	A63600	0.6	DOWN	39.5	0.0	20000F9	20000	MACOM6	VIDEO	-96.3	70.8	-173.5	9.0	79.8
11.	RECCHI	6975.0	-50.6	O60000	0.0	DOWN	13.0	0.0		25000	MOBILE	VIDEO	-121.9	71.2	-173.5	9.0	80.2
24.	RXONLY	6975.0	-21.4	*63000	0.5	UP	39.5	0.0		25000	999999	VIDEO	-95.4	73.9	-173.3	8.8	82.7
20.	RXONLY	6975.0	-22.0	*63000	0.1	DOWN	39.5	0.0		20000	MACOM6	VIDEO	-96.3	74.3	-173.5	9.0	83.3
21.	RXONLY	6975.0	-22.0	*63000	0.1	DOWN	39.5	0.0		20000	MACOM6	VIDEO	-96.3	74.3	-173.5	9.0	83.3
29.	RXONLY	6975.0	-24.8	*62000	0.0	DOWN	36.3	0.0		17000	MACOM2	VIDEO	-100.2	75.5	-173.5	9.0	84.5
45.	RXONLY	6975.0	-16.6	S91750	0.5	DOWN	42.4	0.0		25000	999999	VIDEO	-92.5	75.9	-173.5	9.0	84.9
4.	INDIAN	6975.0	-15.2	A63130	0.2	UP	39.7	0.0	F9	25000	000000	VIDEO	-95.2	79.9	-173.4	8.9	88.8
4.	WCAETX	6975.0	-15.2	A63130	0.3	DOWN	39.7	0.0	F9	25000	000000	VIDEO	-95.2	79.9	-173.5	9.0	88.9
22.	WMAQTV	6975.0	-14.0	R63100	0.8	UP	39.0	0.0		25000	999999	VIDEO	-95.9	81.9	-173.1	8.6	90.5
6.	RXONLY	6975.0	-10.8	A62130	13.6	UP	36.3	0.0		25000	24SY02	VIDEO	-98.6	87.8	-168.8	4.3	92.0
5.	RXONLY	6975.0	-12.2	*62000	2.2	UP	36.3	0.0		25000	24SI01	VIDEO	-98.6	86.4	-172.5	8.0	94.4
9.	SEARST	6975.0	-5.7	A62120	0.0	DOWN	36.3	0.0		25000	2JYW06	VIDEO	-98.6	92.8	-173.5	9.0	101.8
8.	WBBSST	6975.0	10.0	A60910	53.6	UP	39.8	0.0	F9	25000	000000	VIDEO	-95.1	105.1	-164.5	0.0	105.1
10.	WHN208	6975.0	10.0	A60910	40.5	UP	39.8	0.0	F9	25000	000000	VIDEO	-95.1	105.1	-164.5	0.0	105.1
32.	RXONLY	6975.0	7.5	A62130	43.4	DOWN	36.3	0.0		20000	MACOM6	VIDEO	-99.5	107.1	-173.5	9.0	116.1
8.	SEARST	6975.0	10.0	A62130	53.6	DOWN	36.3	0.0	F9	25000	000000	VIDEO	-98.6	108.6	-173.5	9.0	117.6
10.	SEARST	6975.0	10.0	A62130	40.5	DOWN	36.3	0.0	F9	25000	000000	VIDEO	-98.6	108.6	-173.5	9.0	117.6
34.	RXONLY	6975.0	35.0	*62000	89.1	UP	36.3	0.0		25000	999999	VIDEO	-98.6	133.6	-164.5	0.0	133.6
35.	RXONLY	6975.0	35.0	*62000	89.1	UP	36.3	0.0		25000	999999	VIDEO	-98.6	133.6	-164.5	0.0	133.6
36.	RXONLY	6975.0	35.0	*62000	89.1	UP	36.3	0.0		25000	999999	VIDEO	-98.6	133.6	-164.5	0.0	133.6

Chicago, Illinois

Rec. Num.	Call Sign	Freq. (Mhz)	C (dBm)	Antenna Type	Tilt Ang. (Deg.)	Gain (dBi)	LL (dB)	Emission Desig.	Bw (Khz)	Equip. Code	Loading	I (dBm)	C/I (dB)	Pwr.Flx (dBW/4Khz)	Adj.I (dB)	Adj.C/I (dB)
37.	RXONLY	6975.0	35.0	*62000	89.1 UP	36.3	0.0		25000	999999	VIDEO	-98.6	133.6	-164.5	0.0	133.6
38.	RXONLY	6975.0	35.0	*62000	89.1 UP	36.3	0.0		25000	999999	VIDEO	-98.6	133.6	-164.5	0.0	133.6
38.	RXONLY	6975.0	35.0	*62000	89.1 UP	36.3	0.0		25000	999999	VIDEO	-98.6	133.6	-164.5	0.0	133.6

San Mateo, California

Rec. Num.	Call Sign	Freq. (Mhz)	C (dBm)	Antenna Type	Tilt (Deg.)	Ang.	Gain (dBi)	LL (dB)	Emission Desig.	Bw (Khz)	Equip. Code	Loading	I (dBm)	C/I (dB)	Pwr.Flx (dBW/4Khz)	Adj.I (dB)	Adj.C/I (dB)
98.	WLE980	6975.0	-48.5	A64130	1.3	DOWN	42.3	0.0	25000F9	25000	24SY02	VIDEO	-92.6	44.1	-173.5	9.0	53.1
66.	RXONLY	6975.0	-77.6	O60000	0.2	DOWN	13.0	0.0		25000	999999	VIDEO	-121.9	44.3	-173.5	9.0	53.3
104.	WALNUT	6975.0	-37.3	A60910	0.2	UP	39.8	0.0		25000	2YFF01	VIDEO	-95.1	57.8	-173.4	8.9	66.7
46.	LOMAPR	6975.0	-37.1	A63120	0.0	DOWN	39.8	0.0		25000	24SY02	VIDEO	-95.1	57.9	-173.5	9.0	66.9
42.	RXONLY	6975.0	-34.1	A64350	0.2	UP	42.3	0.0		25000	AB0004	VIDEO	-92.6	58.5	-173.4	8.9	67.4
1.	KVQ23	6975.0	-37.4	*63000	0.3	DOWN	39.5	0.0	20000F9	20000	MACOM6	VIDEO	-96.3	58.9	-173.5	9.0	67.9
1.	CALAND	6975.0	-37.4	*63000	0.3	DOWN	39.5	0.0	20000F9	20000	MACOM6	VIDEO	-96.3	58.9	-173.5	9.0	67.9
37.	RXONLY	6975.0	-33.7	*64000	0.2	DOWN	42.0	0.0		25000	999999	VIDEO	-92.9	59.1	-173.5	9.0	68.1
71.	RXONLY	6975.0	-33.3	M54010	0.3	DOWN	42.4	0.0		25000	999999	VIDEO	-92.5	59.1	-173.5	9.0	68.1
15.	FREMON	6975.0	-35.6	P63000	0.3	UP	39.8	0.0		20000	MACOM6	VIDEO	-96.0	60.5	-173.3	8.8	69.3
96.	BLACK	6975.0	-34.0	M54001	0.9	DOWN	42.4	2.0		24800	2PUC05	VIDEO	-94.5	60.5	-173.5	9.0	69.5
125.	RXONLY	6975.0	-37.9	A62100	0.2	DOWN	36.2	0.0		25000	24SY02	VIDEO	-98.7	60.8	-173.5	9.0	69.8
12.	BLANCO	6975.0	-32.3	A64130	0.5	UP	42.3	0.0		20000	MACOM6	VIDEO	-93.5	61.2	-173.3	8.8	70.0
99.	WLL238	6975.0	-31.4	S91750	0.2	UP	42.4	0.0		25000	24SY02	VIDEO	-92.5	61.1	-173.4	8.9	70.0
60.	RXONLY	6975.0	-30.9	*64000	0.5	UP	42.0	0.0		25000	AB0004	VIDEO	-92.9	62.0	-173.3	8.8	70.7
124.	SACRAM	6975.0	-37.9	A62100	0.2	DOWN	36.2	0.0		20000	MACOM6	VIDEO	-99.6	61.8	-173.5	9.0	70.8
103.	GOLDEN	6975.0	-33.4	*63000	0.2	DOWN	39.5	0.0		25000	999999	VIDEO	-95.4	61.9	-173.5	9.0	70.9
112.	RXONLY	6975.0	-32.5	P63000	1.3	UP	39.8	0.0		25000	24SY02	VIDEO	-95.1	62.6	-172.9	8.4	71.0
113.	RXONLY	6975.0	-30.3	S91750	0.0	UP	42.4	0.0		25000	24SY02	VIDEO	-92.5	62.2	-173.5	9.0	71.2
108.	RXONLY	6975.0	-59.6	O10000	0.2	DOWN	13.0	0.0		25000	999999	VIDEO	-121.9	62.3	-173.5	9.0	71.3
63.	RXONLY	6975.0	-30.4	*64000	0.2	DOWN	42.0	0.0		25000	999999	VIDEO	-92.9	62.5	-173.5	9.0	71.5
22.	RXONLY	6975.0	-31.9	A63130	1.5	UP	39.7	0.0		25000	24SY02	VIDEO	-95.2	63.3	-172.8	8.3	71.6
116.	RXONLY	6975.0	-29.5	A64130	0.4	UP	42.3	0.0		25000	AB0004	VIDEO	-92.6	63.1	-173.3	8.8	71.9
138.	WMG478	6975.0	-32.1	A93000	0.7	UP	39.5	0.0	25M0 F8W	25000	AB0004	VIDEO	-95.4	63.2	-173.2	8.7	71.9
51.	MONUME	6975.0	-29.6	A64130	0.2	DOWN	42.3	0.0		25000	24SY02	VIDEO	-92.6	63.0	-173.5	9.0	72.0
17.	RXONLY	6975.0	-31.7	*63000	1.1	UP	39.5	0.0		25000	999999	VIDEO	-95.4	63.6	-173.0	8.5	72.1
20.	RXONLY	6975.0	-29.2	*64000	1.1	UP	42.0	0.0		25000	999999	VIDEO	-92.9	63.6	-173.0	8.5	72.1
118.	SACRAM	6975.0	-32.0	A63130	0.3	DOWN	39.7	0.0		25000	24SY02	VIDEO	-95.2	63.1	-173.5	9.0	72.1
138.	WMG475	6975.0	-32.1	A93000	1.1	DOWN	39.5	0.0	25M0 F8W	25000	AB0004	VIDEO	-95.4	63.2	-173.5	9.0	72.2
2.	RXONLY	6975.0	-28.6	A65130	0.1	UP	43.9	0.0		20000	MACOM6	VIDEO	-91.9	63.3	-173.4	8.9	72.3
4.	238JOH	6975.0	-31.0	A63270	0.8	UP	39.4	0.0		30000	2BTB01	VIDEO	-94.7	63.7	-173.1	8.6	72.3
55.	PALOAL	6975.0	-35.3	A62130	0.2	DOWN	36.3	0.0		25000	999999	VIDEO	-98.6	63.3	-173.5	9.0	72.3
21.	RXONLY	6975.0	-30.9	M84601	1.4	UP	39.9	0.0		25000	24SY02	VIDEO	-95.0	64.1	-172.9	8.4	72.5
3.	RXONLY	6975.0	-29.2	*64000	0.2	DOWN	42.0	0.0		25000	999999	VIDEO	-92.9	63.6	-173.5	9.0	72.6
29.	RXONLY	6975.0	-34.8	A62130	0.3	DOWN	36.3	0.0		25000	24SY02	VIDEO	-98.6	63.7	-173.5	9.0	72.7
31.	RXONLY	6975.0	-31.4	A63130	0.2	DOWN	39.7	0.0		25000	24SY02	VIDEO	-95.2	63.7	-173.5	9.0	72.7
62.	RXONLY	6975.0	-31.4	A63130	0.2	DOWN	39.7	0.0		25000	999999	VIDEO	-95.2	63.7	-173.5	9.0	72.7
69.	RXONLY	6975.0	-31.4	A63130	0.3	DOWN	39.7	0.0		25000	24SY02	VIDEO	-95.2	63.7	-173.5	9.0	72.7
25.	WAC205	6975.0	-31.1	A63340	0.2	DOWN	39.8	0.0		25000	243L03	VIDEO	-95.1	64.0	-173.5	9.0	73.0
36.	RXONLY	6975.0	-28.6	A64130	0.3	DOWN	42.3	0.0		25000	AB0004	VIDEO	-92.6	64.0	-173.5	9.0	73.0
33.	PALOAL	6975.0	-35.3	A62130	0.2	DOWN	36.3	0.0		20000	MACOM6	VIDEO	-99.5	64.3	-173.5	9.0	73.3
54.	MONUPK	6975.0	-26.2		0.2	UP	44.0	0.0		25000	999999	VIDEO	-90.9	64.7	-173.4	8.9	73.6
68.	RXONLY	6975.0	-28.9	A63130	3.5	UP	39.7	0.0		25000	24SY02	VIDEO	-95.2	66.3	-172.0	7.5	73.8
119.	WALNUT	6975.0	-27.5	A64350	0.3	DOWN	42.3	0.0		25000	24SY02	VIDEO	-92.6	65.0	-173.5	9.0	74.0
121.	RANCHO	6975.0	-27.5	A64350	0.2	DOWN	42.3	0.0		25000	24SY02	VIDEO	-92.6	65.0	-173.5	9.0	74.0
58.	MTSUTR	6975.0	-30.8	P63000	0.3	DOWN	39.8	0.0		20000	MACOM6	VIDEO	-96.0	65.2	-173.5	9.0	74.2
102.	WMG473	6975.0	-27.1	S93250	0.1	UP	42.4	0.0	25M0 F8W	25000	AB0004	VIDEO	-92.5	65.4	-173.5	9.0	74.3

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Rec. Num.	Call Sign	Freq. (Mhz)	C (dBm)	Antenna Type	Tilt (Deg.)	Ang.	Gain (dBi)	LL (dB)	Emission Desig.	Bw (Khz)	Equip. Code	Loading	I (dBm)	C/I (dB)	Pwr.Flx (dBW/4Khz)	Adj.I (dB)	Adj.C/I (dB)
102.	WMG476	6975.0	-27.1	S93250	0.5	DOWN	42.4	0.0	25M0 F8W	25000	AB0004	VIDEO	-92.5	65.4	-173.5	9.0	74.4
135.	KFTYCA	6975.0	-29.9	*63000	0.1	DOWN	39.5	0.0		25000	999999	VIDEO	-95.4	65.4	-173.5	9.0	74.4
30.	RXONLY	6975.0	-26.8	A64130	0.4	UP	42.3	0.0		25000	24SY02	VIDEO	-92.6	65.7	-173.3	8.8	74.5
53.	MONUPK	6975.0	-26.2	S65000	0.2	UP	44.0	0.0		20000	MACOM6	VIDEO	-91.8	65.6	-173.4	8.9	74.5
52.	MONUPK	6975.0	-26.2	S65000	0.2	DOWN	44.0	0.0		20000	MACOM6	VIDEO	-91.8	65.6	-173.5	9.0	74.6
57.	MTDIAB	6975.0	-30.4	P63000	0.3	DOWN	39.8	0.0		20000	MACOM6	VIDEO	-96.0	65.6	-173.5	9.0	74.6
61.	WALNUT	6975.0	-26.8	A64170	0.2	DOWN	42.3	0.0		25000	24SY02	VIDEO	-92.6	65.7	-173.5	9.0	74.7
65.	RXONLY	6975.0	-29.5	A63130	2.3	DOWN	39.7	0.0		25000	24SY02	VIDEO	-95.2	65.7	-173.5	9.0	74.7
136.	RXONLY	6975.0	-29.1	*63000	0.7	UP	39.5	0.0		25000	999999	VIDEO	-95.4	66.2	-173.2	8.7	74.9
129.	RXONLY	6975.0	-26.5	S91750	0.2	DOWN	42.4	0.0		25000	999999	VIDEO	-92.5	66.0	-173.5	9.0	75.0
130.	RXONLY	6975.0	-26.5	S91750	0.2	DOWN	42.4	0.0		25000	999999	VIDEO	-92.5	66.0	-173.5	9.0	75.0
131.	RXONLY	6975.0	-26.7	S64400	0.3	DOWN	42.2	0.0		25000	999999	VIDEO	-92.7	66.0	-173.5	9.0	75.0
137.	WMG474	6975.0	-26.1	S93250	0.3	UP	42.4	0.0	25M0 F8W	25000	AB0004	VIDEO	-92.5	66.4	-173.3	8.8	75.2
8.	KSBW	6975.0	-29.1		1.9	UP	39.5	0.0		20000	MACOM6	VIDEO	-96.3	67.2	-172.6	8.1	75.3
117.	500MED	6975.0	-26.2	A64130	0.0	UP	42.3	0.0	25000F9	25000	24SY02	VIDEO	-92.6	66.3	-173.5	9.0	75.3
117.	1650LE	6975.0	-26.2	A64130	0.3	DOWN	42.3	0.0	25000F9	25000	24SY02	VIDEO	-92.6	66.3	-173.5	9.0	75.3
24.	RXONLY	6975.0	-29.7	A63130	0.2	DOWN	39.7	0.0		20000	MACOM6	VIDEO	-96.1	66.4	-173.5	9.0	75.4
43.	RXONLY	6975.0	-26.5	*64000	0.2	DOWN	42.0	0.0		25000	999999	VIDEO	-92.9	66.4	-173.5	9.0	75.4
123.	RXONLY	6975.0	-28.9	*63000	0.3	DOWN	39.5	0.0		25000	24SY02	VIDEO	-95.4	66.4	-173.5	9.0	75.4
137.	WMG477	6975.0	-26.1	S93250	0.7	DOWN	42.4	0.0	25M0 F8W	25000	AB0004	VIDEO	-92.5	66.4	-173.5	9.0	75.4
19.	RXONLY	6975.0	-26.0	*64000	0.1	UP	42.0	0.0		25000	999999	VIDEO	-92.9	66.9	-173.5	9.0	75.8
44.	KNTV	6975.0	-31.6	*62000	0.1	UP	36.3	0.0		25000	999999	VIDEO	-98.6	67.0	-173.5	9.0	76.0
106.	KTVU	6975.0	-30.8	A65170	0.4	UP	43.9	3.0	10M0 F8W	10000	27CT01	VIDEO	-97.9	67.1	-173.3	8.8	76.0
106.	STHELE	6975.0	-30.8	A65170	1.1	DOWN	43.9	3.0	10M0 F8W	10000	27CT01	VIDEO	-97.9	67.1	-173.5	9.0	76.1
5.	SALINA	6975.0	-31.5	A62001	0.1	DOWN	36.1	0.0		25000	999999	VIDEO	-98.8	67.2	-173.5	9.0	76.2
134.	SANTA	6975.0	-28.8	*63000	0.1	DOWN	39.5	0.0		20000	MACOM6	VIDEO	-96.3	67.5	-173.5	9.0	76.5
28.	RXONLY	6975.0	-28.8	*63000	0.2	DOWN	39.5	0.0		20000	MACOM6	VIDEO	-96.3	67.6	-173.5	9.0	76.6
59.	RXONLY	6975.0	-25.7	S91650	3.2	UP	39.9	0.0		25000	24SY02	VIDEO	-95.0	69.2	-172.1	7.6	76.8
41.	RXONLY	6975.0	-24.3	*64000	0.6	UP	42.0	0.0		25000	999999	VIDEO	-92.9	68.5	-173.2	8.7	77.2
122.	GARDEN	6975.0	-23.9	A64120	0.1	DOWN	42.3	0.0		25000	999999	VIDEO	-92.6	68.7	-173.5	9.0	77.7
49.	MONUME	6975.0	-29.9	A62100	0.0	DOWN	36.2	0.0	24800F9	24800	2VPR01	VIDEO	-98.7	68.8	-173.5	9.0	77.8
77.	BATTER	6975.0	-29.5	*62000	0.1	DOWN	36.3	0.0		25000	999999	VIDEO	-98.6	69.0	-173.5	9.0	78.0
32.	RXONLY	6975.0	-23.5	*64000	0.5	UP	42.0	0.0		25000	999999	VIDEO	-92.9	69.4	-173.3	8.8	78.1
39.	KLXVTV	6975.0	-25.7	S91650	0.1	DOWN	39.9	0.0	25000F9	25000	24SY02	VIDEO	-95.0	69.2	-173.5	9.0	78.2
39.	2315CA	6975.0	-25.7	S91650	0.1	DOWN	39.9	0.0	25000F9	25000	24SY02	VIDEO	-95.0	69.2	-173.5	9.0	78.2
47.	MONUME	6975.0	-25.4	A63130	0.1	DOWN	39.7	0.0		25000	999999	VIDEO	-95.2	69.7	-173.5	9.0	78.7
67.	RXONLY	6975.0	-23.2	*64000	0.9	DOWN	42.0	0.0		25000	999999	VIDEO	-92.9	69.7	-173.5	9.0	78.7
107.	RXONLY	6975.0	-21.9	*64000	1.9	UP	42.0	0.0		25000	999999	VIDEO	-92.9	70.9	-172.6	8.1	79.1
40.	RXONLY	6975.0	-22.7	*64000	0.0	UP	42.0	0.0		25000	999999	VIDEO	-92.9	70.2	-173.5	9.0	79.2
79.	OAKLAN	6975.0	-27.7	A62120	0.6	UP	36.3	0.0		25000	999999	VIDEO	-98.6	70.8	-173.2	8.7	79.6
9.	FREMON	6975.0	-24.8	A63270	0.1	DOWN	39.4	0.0		24800	2VPR01	VIDEO	-95.5	70.7	-173.5	9.0	79.7
34.	KGSC	6975.0	-27.7	*62000	0.0	DOWN	36.3	0.0		25000	999999	VIDEO	-98.6	70.9	-173.5	9.0	79.9
126.	WLJ353	6975.0	-21.7	A64350	0.3	DOWN	42.3	0.0		25000	24SY02	VIDEO	-92.6	70.9	-173.5	9.0	79.9
127.	WLJ355	6975.0	-21.7	A64350	0.3	DOWN	42.3	0.0	25000F9	25000	24SY02	VIDEO	-92.6	70.9	-173.5	9.0	79.9
127.	WLG389	6975.0	-21.7	A64170	0.0	DOWN	42.3	0.0	25000F9	25000	24SY02	VIDEO	-92.6	70.9	-173.5	9.0	79.9
73.	900FRO	6975.0	-21.5	A64130	0.2	UP	42.3	0.0	25000F9	25000	24SY02	VIDEO	-92.6	71.1	-173.4	8.9	80.0
13.	FREMO	6975.0	-27.5	A62001	0.1	DOWN	36.1	0.0		25000	999999	VIDEO	-98.8	71.2	-173.5	9.0	80.2

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Rec. Num.	Call Sign	Freq. (Mhz)	C (dBm)	Antenna Type	Tilt (Deg.)	Ang.	Gain (dBi)	LL (dB)	Emission Desig.	Bw (Khz)	Equip. Code	Loading	I (dBm)	C/I (dB)	Pwr.Flx (dBW/4Khz)	Adj.I (dB)	Adj.C/I (dB)
49.	WBK246	6975.0	-26.9	A62100	0.1	DOWN	36.2	0.0	24800F9	24800	2VPR01	VIDEO	-98.7	71.8	-173.5	9.0	80.8
64.	RXONLY	6975.0	-20.2	A64170	0.4	DOWN	42.3	0.0		25000	24SY02	VIDEO	-92.6	72.4	-173.5	9.0	81.4
128.	KTXL	6975.0	-18.5	*65000	0.1	DOWN	44.0	0.0		25000	999999	VIDEO	-90.9	72.4	-173.5	9.0	81.4
38.	WLJ353	6975.0	-20.0	A64170	0.3	DOWN	42.3	0.0	25000F9	25000	24SY02	VIDEO	-92.6	72.5	-173.5	9.0	81.5
38.	WLJ352	6975.0	-20.0	A64170	0.1	UP	42.3	0.0	25000F9	25000	24SY02	VIDEO	-92.6	72.5	-173.5	9.0	81.5
23.	RXONLY	6975.0	-20.6	P63000	4.3	UP	39.8	0.0		25000	23LY01	VIDEO	-95.1	74.5	-171.7	7.2	81.7
27.	PARKAV	6975.0	-21.2	P64200	0.1	DOWN	42.0	0.0		20000	MACOM6	VIDEO	-93.8	72.7	-173.5	9.0	81.7
35.	KICU	6975.0	-25.2	P62000	3.7	UP	36.4	0.0		20000	MACOM6	VIDEO	-99.4	74.2	-171.9	7.4	81.7
56.	KTEH	6975.0	-25.9	A62100	0.0	DOWN	36.2	0.0		24800	2VPR01	VIDEO	-98.7	72.8	-173.5	9.0	81.8
72.	MILPIT	6975.0	-26.4	A62130	0.1	UP	36.3	0.0		20000	MACOM6	VIDEO	-99.5	73.1	-173.5	9.0	82.1
73.	7431SC	6975.0	-21.5	A63130	0.3	DOWN	39.7	0.0	25000F9	25000	24SY02	VIDEO	-95.2	73.7	-173.5	9.0	82.7
110.	RXONLY	6975.0	-21.7	A63270	0.2	UP	39.4	0.0		25000	999999	VIDEO	-95.5	73.8	-173.4	8.9	82.7
111.	RXONLY	6975.0	-21.7	A63270	0.2	UP	39.4	0.0		25000	999999	VIDEO	-95.5	73.8	-173.4	8.9	82.7
114.	RXONLY	6975.0	-21.7	A63270	0.2	UP	39.4	0.0		25000	999999	VIDEO	-95.5	73.8	-173.4	8.9	82.7
115.	RXONLY	6975.0	-21.7	A63270	0.2	UP	39.4	0.0		25000	999999	VIDEO	-95.5	73.8	-173.4	8.9	82.7
18.	RXONLY	6975.0	-20.7	A63130	3.4	UP	39.7	0.0		20000	MACOM6	VIDEO	-96.1	75.5	-172.0	7.5	83.0
7.	RXONLY	6975.0	-20.7	A63130	0.1	UP	39.7	0.0		25000	999999	VIDEO	-95.2	74.5	-173.5	9.0	83.5
133.	RECEIV	6975.0	-20.4	S63200	0.1	DOWN	39.9	0.0		25000	2Y7401	VIDEO	-95.0	74.6	-173.5	9.0	83.6
14.	RXONLY	6975.0	-20.7	*63000	0.1	UP	39.5	0.0		25000	999999	VIDEO	-95.4	74.7	-173.5	9.0	83.7
6.	FREPEA	6975.0	-20.4	A63130	0.1	DOWN	39.7	0.0		25000	23LY01	VIDEO	-95.2	74.8	-173.5	9.0	83.8
48.	WBK246	6975.0	-19.9	A63130	0.0	DOWN	39.7	0.0		25000	999999	VIDEO	-95.2	75.3	-173.5	9.0	84.3
26.	WBK246	6975.0	-22.7	A62100	0.0	DOWN	36.2	0.0		24800	2VPR01	VIDEO	-98.7	76.0	-173.5	9.0	85.0
16.	KSBW	6975.0	-22.3	*62000	0.0	DOWN	36.3	0.0		25000	999999	VIDEO	-98.6	76.3	-173.5	9.0	85.3
74.	420TAY	6975.0	-15.4	A64130	1.8	UP	42.3	0.0		25000	24SY02	VIDEO	-92.6	77.1	-172.7	8.2	85.3
70.	RXONLY	6975.0	-16.4	*64000	3.9	DOWN	42.0	0.0		25000	999999	VIDEO	-92.9	76.4	-173.5	9.0	85.4
91.	WFD436	6975.0	-17.1	A64130	0.1	DOWN	42.3	0.0		20000	MACOM6	VIDEO	-93.5	76.4	-173.5	9.0	85.4
50.	WBK246	6975.0	-20.7	A62130	0.0	DOWN	36.3	0.0		25000	2G4V01	VIDEO	-98.6	77.9	-173.5	9.0	86.9
94.	RXONLY	6975.0	-14.1	*64000	2.0	UP	42.0	0.0		25000	999999	VIDEO	-92.9	78.8	-172.6	8.1	86.9
100.	RXONLY	6975.0	-14.1	*64000	2.0	UP	42.0	0.0		25000	24SY02	VIDEO	-92.9	78.8	-172.6	8.1	86.9
101.	RXONLY	6975.0	-14.1	*64000	2.0	UP	42.0	0.0		25000	999999	VIDEO	-92.9	78.8	-172.6	8.1	86.9
80.	RXONLY	6975.0	-16.8	M84600	0.1	DOWN	39.8	0.0		25000	999999	VIDEO	-95.1	78.2	-173.5	9.0	87.2
97.	WJD75	6975.0	-10.2	A64130	8.9	UP	42.3	0.0	25000F9	25000	24SY02	VIDEO	-92.6	82.3	-169.9	5.4	87.7
93.	WFW667	6975.0	-13.9	*64000	3.1	DOWN	42.0	0.0		25000	999999	VIDEO	-92.9	79.0	-173.5	9.0	88.0
76.	VANNES	6975.0	-17.4	A62120	2.2	UP	36.3	0.0		25000	999999	VIDEO	-98.6	81.2	-172.5	8.0	89.2
81.	VANNES	6975.0	-16.4		4.0	UP	36.3	0.0		25000	999999	VIDEO	-98.6	82.2	-171.8	7.3	89.5
105.	KQED	6975.0	-17.9	*62000	0.2	UP	36.3	0.0		25000	999999	VIDEO	-98.6	80.6	-173.4	8.9	89.5
75.	VANNES	6975.0	-16.4	A62120	2.2	UP	36.3	0.0		25000	999999	VIDEO	-98.6	82.2	-172.5	8.0	90.2
95.	WFW667	6975.0	-10.6	*64000	0.0	DOWN	42.0	0.0		25000	999999	VIDEO	-92.9	82.3	-173.5	9.0	91.3
92.	RXONLY	6975.0	-8.9	*64000	1.8	UP	42.0	0.0		25000	999999	VIDEO	-92.9	84.0	-172.7	8.2	92.2
109.	RXONLY	6975.0	-4.9	*64000	3.8	DOWN	42.0	0.0		25000	999999	VIDEO	-92.9	88.0	-173.5	9.0	97.0
82.	RECSFR	6975.0	-15.3	060000	0.0	DOWN	13.0	0.0		25000	MOBILE	VIDEO	-121.9	106.6	-173.5	9.0	115.6
132.	RXONLY	6975.0	15.0	*62000	33.5	DOWN	36.3	0.0		20000	MACOM6	VIDEO	-99.5	114.5	-173.5	9.0	123.5
132.	RXONLY	6975.0	15.0	*62000	33.5	DOWN	36.3	0.0		20000	MACOM6	VIDEO	-99.5	114.5	-173.5	9.0	123.5

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