be satisfactorily operated over the same path within the 20 MHz maximum bandwidth). Applications submitted for equipment type acceptance designed to operate in this mode must include data that will demonstrate successful operation under typical transmission conditions. Where type accepted equipment is designed to operate on the same frequency in a cross-polarized configuration to meet the above capacity requirements, the Commission will require, at the time additional transmitters are authorized, that both polarizations of a frequency be used before a new frequency assignment is made, unless a single transmitter installation was found to be justified by the Commission at the time it authorized the first transmitter.

* * * * *

3. Subpart G is amended by deleting section 21.507 and by revising sections 21.502, 21.503, and 21.506 to read as follows:

Section 21.502 Frequencies.

(a) Frequencies in the 17,700-19,700 MHz band are available for assignment for all DEMS applicants. Assignment will consist of a pair of channels as set out in paragraph (c) of this section plus internodal channels as set out in paragraph (d) of this section.

(b) Licensees may apply for an additional channel pair in an SMSA only when it is operating its previously authorized DTS at or near the expected capacity and the service to be provided will fully utilize all spectrum requested.

(c) Digital Termination Systems assignments shall be made according to the following plan:

Channel No.	Nodal station frequency band (MHz)	User station frequency band (MHz)
30	18,870-18,880	19,210-19,220
31	18,880-18,890	19,220-19,230
32	18,890-18,900	19,230-19,240
33	18,900-18,910	19,240-19,250
34	18,910-18,920	19,250-19,260

(d) Internodal link assignments are to be made in accordance with the provisions of Subpart I of Part 21, applying to point-to-point operations.

Section 21.503 Frequency stability.

The frequency stability of each Digital Termination Nodal Station transmitter authorized for this service shall be ±0.001%. The

frequency stability of each Digital Termination User Station transmitter authorized for this service shall be ±0.003%.

Section 21.506 Transmitter power.

The transmitter power will be governed by Section 21.107 of this rule part. Further, each application shall contain an analysis demonstrating compliance with Section 21.107(a).

4. Subpart I is amended by revising sections 21.701 and 21.710 to read as follows:

Section 21.701 Frequencies.

(a) Frequencies in the following bands are available for assignment to fixed radio stations in the Point-to-Point Microwave Radio Service.

932.5-935 MHz 17	13,200-13,250 MHz 4
941.5-944 MHz 17 18	17,700-18,820 MHz 5 10 15
2,110-2,130 MHz 1 3 7	18,920-19,160 MHz 5 10 15
2,160-2,180 MHz 1 2 5	19,260-19,700 MHz 5 10 15
3,700-4,200 MHz 8 19	21,200-22,000 MHz 4 11 12
5,925-6,425 MHz 19	22,000-23,600 MHz 4 11 12
6,525-6,875 MHz 20	27,500-29,500 MHz 5
10,550-10,630 MHz 20	31,000-31,300 MHz 16
10,700-11,700 MHz 8 9 20	38,600-40,000 MHz 4

Footnotes 1-18 * * *

19 Frequencies in this band are shared with stations in the fixed-satellite and private-operational fixed microwave services.
20 Frequencies in this band are shared with stations in the private-operational fixed microwave service.

(b) * * *

(c) * * *

(d) 3,700 to 4,200 MHz. 20 MHz maximum authorized bandwidth, 210 to 460 MHz separation:

(1) 400 kHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
3715.2175	4175.2175
3715.6325	4175.6325
3716.0475	4176.0475
3716.4625	4176.4625
3716.8775	4176.8775

3717.2925	4177.2925
3717.7075	4177.7075
3718.1225	4178.1225
3718.5375	4178.5375
3718.9525	4178.9525
3719.3675	4179.3675
3719.7825	4179.7825
3735.2175	4195.2175
3735.6325	4195.6325
3736.0475	4196.0475
3736.4625	4196.4625
3736.8775	4196.8775
3737.2925	4197.2925
3737.7075	4197.7075
3738.1225	4198.1225
3738.5375	4198.5375
3738.9525	4198.9525
3739.3675	4199.3675
3739.7825	4199.7825

(2) 800 kHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
3715.425	4175.425
3716.255	4176.255
3717.085	4177.085
3717.915	4177.915
3718.745	4178.745
3719.575	4179.575
3735.425	4195.425
3736.255	4196.255
3737.085	4197.085
3737.915	4197.915
3738.745	4198.745
3739.575	4199.575

(3) 1.6 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
3700.84	4160.84
3702.50	4162.50
3704.16	4164.16
3705.84	4165.84
3707.50	4167.50

3709.16	4169.16
3710.84	4170.84
3712.50	4172.50
3714.16	4174.16
3715.84	4175.84
3717.50	4177.50
3719.16	4179.16
3720.84	4180.84
3722.50	4182.50
3724.16	4184.16
3725.84	4185.84
3727.50	4187.50
3729.16	4189.16
3730.84	4190.84
3732.50	4192.50
3734.16	4194.16
3735.84	4195.84
3737.50	4197.50
3739.16	4199.16

(4) 5 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
3702.5	4162.5
3707.5	4167.5
3712.5	4172.5
3722.5	4182.5
3727.5	4187.5
3732.5	4192.5

(5) 10 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
3705 1	4165 1
3715 1	4175 1
3725 1	4185 1
3735 1	4195 1
3745	3955
3755	3965
3765	3975
3775	3985
3785	3995
3795	4005
3805	4015

3815	4025
3825	4035
3835	4045
3845	4055
3855	4065
3865	4075
3875	4085
3885	4095
3895	4105
3905	4115
3915	4125
3925	4135
3935	4145
3945	4155

1 Alternate channels.

(6) 20 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
3710 1	4170 1
3730 1	4190 1
3750	3970
3770	3990
3790	4010
3810	4030
3830	4050
3850	4070
3870	4090
3890	4110
3910	4130
3930	4150

1 Alternate channels. These channels are set aside for narrow bandwidth systems and should be used only if all other channels are blocked.

(e) 5,925 to 6,425 MHz. 30 MHz maximum authorized bandwidth, 250 MHz separation:

(1) 400 kHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
5925.2175	6175.2175
5925.6375	6175.6375
5926.0475	6176.0475
5926.4625	6176.4625
5926.8775	6176.8775
5927.2925	6177.2925
5927.7075	6177.7075
5928.1225	6178.1225
5928.5375	6178.5375
5928.9525	6178.9525
5929.3675	6179.3675
5929.7825	6179.7825
6170.2175	6420.2175
6170.6325	6420.6325
6171.0475	6421.0475
6171.4625	6421.4625
6171.8775	6421.8775
6172.2925	6422.2925
6172.7075	6422.7075
6173.1225	6423.1225
6173.5375	6423.5375
6173.9525	6423.9525
6174.3675	6424.3675
6174.7825	6424.7875

(2) 800 kHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
5925.425	6175.425
5926.255	6176.255
5927.085	6177.085
5927.915	6177.915
5928.745	6178.745
5929.575	6179.575
6170.425	6420.425
6171.255	6421.255
6172.085	6422.085
6172.915	6422.915
6173.745	6423.745
6174.575	6424.575

(3) 1.6 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
5925.84	6175.84
5927.50	6177.50
5929.16	6179.16
6110.84	6360.84
6112.50	6362.50
6114.16	6364.16
6115.84	6365.84
6117.50	6367.50
6119.16	6369.16
6120.84	6370.84
6122.50	6372.50
6124.16	6374.16
6125.84	6375.84
6127.50	6377.50
6129.16	6379.16
6130.84	6380.84
6132.50	6382.50
6134.16	6384.16
6135.84	6385.84
6137.50	6387.50
6139.16	6389.16
6140.84	6390.84
6142.50	6392.50
6144.16	6394.16
6145.84	6395.84
6147.50	6397.50
6149.16	6399.16
6150.84	6400.84
6152.50	6402.50
6154.16	6404.16
6155.84	6405.84
6157.50	6407.50
6159.16	6409.16
6160.84	6410.84
6162.50	6412.50
6164.16	6414.16
6165.84	6415.84
6167.50	6417.50
6169.16	6419.16
6170.84	6420.84
6172.50	6422.50
6174.16	6424.16

(4) 5 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
6112.5	6362.5
6117.5	6367.5
6122.5	6372.5
6127.5	6377.5
6132.5	6382.5
6137.5	6387.5
6142.5	6392.5
6147.5	6397.5
6152.5	6402.5
6157.5	6407.5
6162.5	6412.5
6167.5	6417.5

(5) 10 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
5935	6185
5945	6195
5955	6205
5965	6215
5975	6225
5985	6235
5995	6245
6005	6255
6015	6265
6025	6275
6035	6285
6045	6295
6055	6305
6065	6315
6075	6325
6085	6335
6095	6345
6105	6355
6115 1	6365 1
6125 1	6375 1
6135 1	6385 1
6145 1	6395 1
6155 1	6405 1
6165 1	6415 1

1 Alternate channels.

(6) 30 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
5945	6195
5975	6225
6005	6255
6035	6285
6065	6315
6095	6345
6125 1	6375 1
6155 1	6405 1

1 Alternate channels. These channels are set aside for narrow bandwidth systems and should be used only if all other channels are blocked.

(f) 6,525 to 6,875 MHz. 10 MHz maximum authorized bandwidth, 160 to 345 MHz separation:

(1) 400 kHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
6525.2175	6870.2175
6525.6325	6870.6325
6526.0475	6871.0475
6526.4625	6871.4625
6526.8775	6871.8775
6527.2925	6872.2925
6527.7075	6872.7075
6528.1225	6873.1225
6528.5375	6873.5375
6528.9525	6873.9525
6529.3675	6874.3675
6529.7825	6874.7825

(2) 800 kHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
6525.425	6870.425
6526.255	6871.255
6527.085	6872.085
6527.915	6872.915
6528.745	6873.745
6529.575	6874.575

(3) 1.6 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
6548.34	6728.34
6450.00	6730.00
6551.66	6731.66
6558.34	6738.34
6460.00	6740.00
6561.66	6741.66
6588.34	6748.34
6490.00	6750.00
6591.66	6751.66
6598.34	6758.34
6600.00	6760.00
6601.66	6761.66
6608.34	6768.34
6610.00	6770.00
6611.66	6771.66
6618.34	6778.34
6620.00	6780.00
6621.66	6781.66
6628.34	6788.34
6630.00	6790.00
6631.66	6791.66
6638.34	6798.34
6640.00	6800.00
6641.66	6801.66
6648.34	6808.34
6650.00	6810.00
6651.66	6811.66
6658.34	6818.34
6660.00	6820.00
6661.66	6821.66
6668.34	6828.34
6670.00	6830.00

6671.66	6831.66
6678.34	6838.34
6680.00	6840.00
6681.66	6841.66
6688.34	6848.34
6690.00	6850.00
6691.66	6851.66
6698.34	6858.34
6700.00	6860.00
6701.66	6861.66
6708.34	6868.34
6710.00	6870.00
6711.66	6871.66

(4) 5 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
6550	6730
6560	6740
6590	6750
6600	6760
6610	6770
6620	6780
6630	6790
6640	6800
6650	6810
6660	6820
6670	6830
6680	6840
6690	6850
6700	6860
6710	6870 1

1 Use of this frequency is authorized on a non-interference basis to broadcast operations in the band 6875-7125 MHz.

(5) 10 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
6545 1	6715 1
6555 1	6725 1
6565	6735
6585	6745
6595	6755

6605	6765
6615	6775
6625	6785
6635	6795
6645	6805
6655	6815
6665	6825
6675	6835
6685	6845
6695	6855
6705	6865
6535 2	6575 2

1 These frequencies may be assigned for unpaired use.
2 Available only for emergency restoration, maintenance bypass, or other temporary-fixed purposes. Such uses are authorized on a non-interference basis to other frequencies in this band. Interference analysis required by Section 94.63(a) does not apply to this frequency pair.

(g) 10,550 to 10,680 MHz. 5 MHz maximum authorized bandwidth, 65 MHz separation:

(1) 400 kHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
10605.2175	10670.2175
10605.6325	10670.6325
10606.0475	10671.0475
10606.4625	10671.4625
10606.8775	10671.8775
10607.2925	10672.2925
10607.7075	10672.7075
10608.1225	10673.1225
10608.5375	10673.5375
10608.9525	10673.9525
10609.3675	10674.3675
10609.7825	10674.7825
10610.2175	10675.2175
10610.6325	10675.6325
10611.0475	10676.0475
10611.4625	10676.4625
10611.8775	10676.8775
10612.2925	10677.2925
10612.7075	10677.7075
10613.1225	10678.1225
10613.5375	10678.5375
10613.9525	10678.9525

10614.3675	10679.3675
10614.7825	10679.7825

(2) 800 kHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
10605.425	10670.425
10606.255	10671.255
10607.085	10672.085
10607.915	10672.915
10608.745	10673.745
10609.575	10674.575
10610.425	10675.425
10611.255	10676.255
10612.085	10677.085
10612.915	10677.915
10613.745	10678.745
10614.575	10679.575

(3) 1.25 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
10560.625	10625.625
10561.875	10626.875
10563.125	10628.125
10564.375	10629.375

(4) 1.6 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
10565.84	10630.84
10567.50	10632.50
10569.16	10634.16
10570.84	10635.84
10572.50	10637.50
10574.16	10639.16
10575.84	10640.84
10577.50	10642.50
10579.16	10644.16
10580.84	10645.84

10582.50	10647.50
10584.16	10649.16
10585.84	10650.84
10587.50	10652.50
10589.16	10654.16
10590.84	10655.84
10592.50	10657.50
10594.16	10659.16
10595.84	10660.84
10597.50	10662.50
10599.16	10664.16
10600.84	10665.84
10602.50	10667.50
10604.16	10669.16
10605.84	10670.84
10607.50	10672.50
10609.16	10674.16
10610.84	10675.84
10612.50	10677.50
10614.16	10679.16

(5) 2.5 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
10551.25	10616.25
10553.75	10618.75
10556.25	10621.25
10558.75	10623.75
10561.25	10626.25
10563.75	10628.75
10566.25	10631.25
10568.75	10633.75
10571.25	10636.25
10573.75	10638.75
10576.25	10641.25
10578.75	10643.75
10581.25	10646.25
10583.75	10648.75
10586.25	10651.25
10588.75	10653.75
10591.25	10656.25
10593.75	10658.75
10596.25	10661.25
10598.75	10663.75
10601.25	10666.25
10603.75	10668.75
10606.25	10671.25
10608.75	10673.75

10611.25	10676.25
10613.75	10678.75

(6) 3.75 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
10551.875	10616.875
10555.625	10620.625
10559.375	10624.375
10563.125	10628.125

(7) 5 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
10567.5	10632.5
10572.5	10637.5
10577.5	10642.5
10582.5	10647.5
10587.5	10652.5
10592.5	10657.5
10597.5	10662.5
10602.5	10667.5

(h) 10,700 to 11,700 MHz. 30 MHz maximum authorized bandwidth, 500 MHz separation:

(1) 10 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
10705	11205
10715	11215
10725	11225
10735	11235
10745	11245
10755	11255
10765	11265
10775	11275
10785	11285
10795	11295
10805	11305
10815	11315

10825	11325
10835	11335
10845	11345
10855	11355
10865	11365
10875	11375
10885	11385
10895	11395
10905	11405
10915	11415
10925	11425
10935	11435
10945	11445
10955	11455
10965	11465
10975	11475
10985	11485
10995	11495
11005	11505
11015	11515
11025	11525
11035	11535
11045	11545
11055	11555
11065	11565
11075	11575
11085	11585
11095	11595
11105	11605
11115	11615
11125	11625
11135	11635
11145	11645
11155	11655
11165	11665
11175	11675
11185	11685
11195	11695

(2) 30 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
10725	11225
10755	11255
10785	11285
10815	11315
10845	11345
10875	11375

10905	11405
10935	11435
10965	11465
10995	11495
11025	11525
11055	11555
11085	11585
11115	11615
11145	11645
11175	11675

(i) * * * (formerly (e))

(j) * * * (formerly (f))

(k) * * * (formerly (g))

Section 21.710 Limitations on path lengths and channel loading.

(a) The distance between end points of a fixed link must equal or exceed the value set forth in the table below or the EIRP must be reduced in accordance with the equation set forth below.

Frequency Band (MHz)	Minimum path length (km)
Below 1,850	n/a
1,850 to 7,125	17
10,550 to 13,250	5
Above 17,700	n/a

(b) For paths shorter than those specified in the Table, the EIRP shall not exceed the value derived from the following equation.

EIRP = 30 - 20 log[A/B], dBW

Where:

EIRP = Equivalent isotropic radiated power in dBW.
A = Minimum path length from the Table for the frequency band in kilometers.
B= The actual path length in kilometers.

NOTE: Automatic transmit power control may be used to meet this requirement up to a 3 dB increase in EIRP.

(c) Upon an appropriate technical showing, applicants and licensees unable to meet the minimum path length requirement may be granted an exception to these requirements.

(d) * * * (formerly (c))

III. Part 22 of Title 47 of the Code of Federal Regulations is proposed to be amended as follows:

PART 22 - PUBLIC MOBILE SERVICE

1. The authority citation in Part 22 continues to read:

AUTHORITY: 47 U.S.C. 154, 303, unless otherwise noted.

2. Subpart G is amended by revising section 22.501 to read as follows:

Section 22.501 Frequencies.

* * * * *

(e) On a shared basis with fixed stations in the Point-to-Point Microwave Radio Service, frequencies in the bands 2110-2130 MHz and 2160-2180 MHz may be authorized for use by control and repeater stations functioning in conjunction with the Public Land Mobile Service. The emission bandwidth shall be limited to the minimum necessary to serve the purpose required, including the applicant's future growth plans. No new assignments will be made in the 2160-2162 MHz band for stations located within 50 miles of the coordinates of the sites listed in section 21.901(c), except upon a showing that no alternative frequencies are available. Channel bandwidth in excess of 800 kHz will not be authorized. In each of these bands, the highest frequency that would not cause harmful interference to any other stations shall be assigned. Licensees in the 2110-2130 MHz and 2160-2180 MHz bands that may be required to relocate to other bands by emerging technology service providers are eligible for licensing under Part 21 in the 3700-4200, 5925-6425, 6525-6875, 10,550-10,680, and 10,700-11,700 MHz bands.

* * * * *

IV. Part 94 of Title 47 of the Code of Federal Regulations is proposed to be amended as follows:

PART 94 - PRIVATE OPERATIONAL-FIXED MICROWAVE SERVICE

1. The authority citation in Part 94 continues to read:

AUTHORITY: Secs. 4, 303, 48 Stat., as amended, 1066, 1082; 47 U.S.C. 154, 303, unless otherwise noted.

2. Subpart B is amended by revising section 94.45 to read as follows:

Section 94.45 Changes in authorized station requiring modification.

(a) * * *

(10) Any increase in authorized effective isotropic radiated power in excess of 3 dB (a 2-to-1 ratio);

* * * * *

3. Subpart C is amended by revising sections 94.61, 94.63, 94.65, 94.71, 94.73, 94.75, 94.77, 94.79, and 94.94 to read as follows:

Section 94.61 Applicability.

* * * * *

(b) Frequencies in the following bands are available for assignment to stations in the Private Operational-Fixed Microwave Service:

Frequency Band (MHz)	
928 to 929	(19) and (20).
932 to 932.5	(32).
932.5 to 935	(33).
941 to 941.5	(32).
941.5 to 944	(33) and (34).
952 to 960	(1) and (20).
1850 to 1990	(2).
2130 to 2150	(2) and (21).
2150 to 2160	(3).
2180 to 2200	(2) and (21).
2450 to 2500	(4) and (21).
2500 to 2690	(5) and (22).
3700 to 4200	(8) and (10).
5925 to 6425	(6) and (10).
6425 to 6525	(30) and (31).
6525 to 6575	(10) and (28).
6575 to 6625	(2) (10) and (28).
6625 to 6875	(2) (8) (10) and (28).
10,550 to 10,680	(10).
10,700 to 11,700	(10).
12,200 to 12,500	(2) (21) and (25).
12,500 to 12,700	(2) (6) (21) and (25).
12,700 to 13,200	(26).
13,200 to 13,250	(9) (14) and (21).
17,700 to 18,580	(6) (8) (10) (21) and (27).
18,580 to 18,820	(10) (17) and (21).
18,820 to 18,920	(21) and (24).
18,920 to 19,160	(10) (17) and (21).
19,160 to 19,260	(21) and (24).

19,260 to 19,700.....(10) (21) and (27).
21,200 to 22,000.....(10) (11) (12) (13) and (23).
22,000 to 23,600.....10) (12) (13) and (23).
31,000 to 31,300.....(23) and (29).
38,600 to 40,000.....(9) (18) and (23).
Bands above 40,000.....(16) and (23).

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Section 94.63 Interference protection criteria for operational fixed stations.

(a) Before filing an application for new or modified facilities under this part, the applicant must perform a frequency engineering analysis to assure that the proposed facilities will not cause interference to existing or previously applied-for stations in this service of a magnitude greater than that specified in the criteria set forth in paragraph (b) of this section, unless otherwise agreed to in accordance with 94.15(b). As an exception to the above requirement, when the proposed facilities are to be operated in the bands 932-935 MHz, 941-944 MHz, 3,700-4,200 MHz, 5,925-6,425 MHz, 10,550-10,630 MHz, 10,700-11,700 MHz, 17,700-19,700 MHz, 21,200-21,800 MHz, 22,400-23,000 MHz, or 38,600-40,000 MHz (excluding those frequencies set out in Section 94.189), applicants shall follow the prior coordination procedure specified in Section 21.100(d) of this chapter. In addition, when the proposed facilities are to be operated in the bands 2,655-2,690 MHz or 12,500-12,700 MHz, applications shall also follow the procedures in Section 21.706(c) and (d) and the technical standards and requirements of part 25 of this chapter as regards licensees in the Satellite Communications Service. See also Section 94.77.

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Section 94.65 Frequencies.

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(g) 3,700 to 4,200 MHz. 20 MHz maximum authorized bandwidth, 210 to 460 MHz separation:

(1) 400 kHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
3715.2175	4175.2175
3715.6325	4175.6325
3716.0475	4176.0475

3716.4625	4176.4625
3716.8775	4176.8775
3717.2925	4177.2925
3717.7075	4177.7075
3718.1225	4178.1225
3718.5375	4178.5375
3718.9525	4178.9525
3719.3675	4179.3675
3719.7825	4179.7825
3735.2175	4195.2175
3735.6325	4195.6325
3736.0475	4196.0475
3736.4625	4196.4625
3736.8775	4196.8775
3737.2925	4197.2925
3737.7075	4197.7075
3738.1225	4198.1225
3738.5375	4198.5375
3738.9525	4198.9525
3739.3675	4199.3675
3739.7825	4199.7825

(2) 800 kHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
3715.425	4175.425
3716.255	4176.255
3717.085	4177.085
3717.915	4177.915
3718.745	4178.745
3719.575	4179.575
3735.425	4195.425
3736.255	4196.255
3737.085	4197.085
3737.915	4197.915
3738.745	4198.745
3739.575	4199.575

(3) 1.6 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
3700.84	4160.84
3702.50	4162.50
3704.16	4164.16

3705.84	4165.84
3707.50	4167.50
3709.16	4169.16
3710.84	4170.84
3712.50	4172.50
3714.16	4174.16
3715.84	4175.84
3717.50	4177.50
3719.16	4179.16
3720.84	4180.84
3722.50	4182.50
3724.16	4184.16
3725.84	4185.84
3727.50	4187.50
3729.16	4189.16
3730.84	4190.84
3732.50	4192.50
3734.16	4194.16
3735.84	4195.84
3737.50	4197.50
3739.16	4199.16

(4) 5 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
3702.5	4162.5
3707.5	4167.5
3712.5	4172.5
3722.5	4182.5
3727.5	4187.5
3732.5	4192.5

(5) 10 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
3705 1	4165 1
3715 1	4175 1
3725 1	4185 1
3735 1	4195 1
3745	3955
3755	3965
3765	3975
3775	3985
3785	3995

3795	4005
3805	4015
3815	4025
3825	4035
3835	4045
3845	4055
3855	4065
3865	4075
3875	4085
3885	4095
3895	4105
3905	4115
3915	4125
3925	4135
3935	4145
3945	4155

1 Alternate channels.

(6) 20 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
3710 1	4170 1
3730 1	4190 1
3750	3970
3770	3990
3790	4010
3810	4030
3830	4050
3850	4070
3870	4090
3890	4110
3910	4130
3930	4150

1 Alternate channels. These channels are set aside for narrow bandwidth systems and should be used only if all other channels are blocked.

(h) 5,925 to 6,425 MHz. 30 MHz maximum authorized bandwidth, 250 MHz separation:

(1) 400 kHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
5925.2175	6175.2175
5925.6375	6175.6375
5926.0475	6176.0475
5926.4625	6176.4625
5926.8775	6176.8775
5927.2925	6177.2925
5927.7075	6177.7075
5928.1225	6178.1225
5928.5375	6178.5375
5928.9525	6178.9525
5929.3675	6179.3675
5929.7825	6179.7825
6170.2175	6420.2175
6170.6325	6420.6325
6171.0475	6421.0475
6171.4625	6421.4625
6171.8775	6421.8775
6172.2925	6422.2925
6172.7075	6422.7075
6173.1225	6423.1225
6173.5375	6423.5375
6173.9525	6423.9525
6174.3675	6424.3675
6174.7825	6424.7875

(2) 800 kHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
5925.425	6175.425
5926.255	6176.255
5927.085	6177.085
5927.915	6177.915
5928.745	6178.745
5929.575	6179.575
6170.425	6420.425
6171.255	6421.255
6172.085	6422.085
6172.915	6422.915
6173.745	6423.745
6174.575	6424.575

(3) 1.6 MHz bandwidth channels:

Transmit (receive) (MHz)	Receive (transmit) (MHz)
5925.84	6175.84
5927.50	6177.50
5929.16	6179.16
6110.84	6360.84
6112.50	6362.50
6114.16	6364.16
6115.84	6365.84
6117.50	6367.50
6119.16	6369.16
6120.84	6370.84
6122.50	6372.50
6124.16	6374.16
6125.84	6375.84
6127.50	6377.50
6129.16	6379.16
6130.84	6380.84
6132.50	6382.50
6134.16	6384.16
6135.84	6385.84
6137.50	6387.50
6139.16	6389.16
6140.84	6390.84
6142.50	6392.50
6144.16	6394.16
6145.84	6395.84
6147.50	6397.50
6149.16	6399.16
6150.84	6400.84
6152.50	6402.50
6154.16	6404.16
6155.84	6405.84
6157.50	6407.50
6159.16	6409.16
6160.84	6410.84
6162.50	6412.50
6164.16	6414.16
6165.84	6415.84
6167.50	6417.50
6169.16	6419.16
6170.84	6420.84
6172.50	6422.50
6174.16	6424.16