FILE: D:\AAM\DATA\RFI.PRT CASE: RT PRINT DATE: 06-19-1999 11:14:56

Airspace case #: 99-JPA-061999 Site: 6 NORTH
Date: 061999
AAM Version 4.21, 051094
Navaid Identifier: OIB
Navaid Frequency (MHz): 109.90

Navaid Latitude: 29. 38 14
Navaid Longitude: 95. 17 15

Runway Heading (True): 224.0
Runway Elevation (Ft. MSL): 49.
Runway Length (Ft): 7602.

| Prop ID | Call | Freq (MHz) | Latitude | Longitude | ERP (Kw) | Height (MSL) | Range (NM) | Radial (True) | Lic Stat |
|---|---|---|---|---|---|---|---|---|---|
| 1 | K201 | 88.10 | 29. 19 28 | 94. 47 8 | .010 | 312. | 32.24 | 305.60 | C |
| 2 | KFTG | 88.10 | 29. 40 2 | 95. 9 17 | .440 | 131. | 7.15 | 255.43 | L |
| 3 | KUHF | 88.70 | 29. 34 25 | 95. 28 31 | 100.000 | 787. | 10.51 | 68.71 | L |
| 4 | KUHF | 88.70 | 29. 34 27 | 95. 29 37 | 100.000 | 1785. | 11.40 | 70.62 | C |
| 5 | KUHF | 88.70 | 29. 34 28 | 95. 29 37 | 100.000 | 1749. | 11.39 | 70.69 | L |
| 6 | KSBJ | 89.30 | 30. 12 26 | 95. 5 28 | 100.000 | 938. | 35.69 | 196.63 | L |
| 7 | K208 | 89.50 | 29. 18 18 | 94. 47 20 | .250 | 223. | 32.80 | 307.43 | C |
| 8 | KACC | 89.70 | 29. 24 1 | 95. 12 13 | 5.600 | 358. | 14.88 | 342.88 | L |
| 9 | KPFT | 90.10 | 29. 53 14 | 95. 31 22 | 100.000 | 764. | 19.37 | 140.75 | A |
| 10 | KPFT | 90.10 | 29. 53 14 | 95. 31 22 | 28.000 | 764. | 19.37 | 140.75 | L |
| 11 | KJIC | 90.50 | 29. 17 56 | 95. 14 11 | 6.000 | 620. | 20.47 | 352.51 | L |
| 12 | KTSU | 90.90 | 29. 43 25 | 95. 21 52 | 18.500 | 318. | 6.55 | 142.27 | L |
| 13 | K216 | 91.10 | 29. 23 45 | 94. 44 10 | .140 | 449. | 32.23 | 296.71 | L |
| 14 | NEW- | 91.30 | 29. 32 26 | 95. 1 17 | .183 | 190. | 15.05 | 292.67 | A |
| 15 | KTRU | 91.70 | 30. 3 54 | 95. 16 10 | 50.000 | 574. | 25.68 | 182.10 | L |
| 16 | KRTS | 92.10 | 29. 16 33 | 95. 22 45 | 100.000 | 1001. | 22.21 | 12.45 | C |
| 17 | KRTS | 92.10 | 29. 16 33 | 95. 22 45 | 50.000 | 1001. | 22.21 | 12.45 | L |
| 18 | KKBQ | 92.90 | 29. 34 34 | 95. 30 36 | 9.000 | 1148. | 12.17 | 72.47 | L |
| 19 | KKBQ | 92.90 | 29. 34 34 | 95. 30 36 | 97.000 | 1985. | 12.17 | 72.47 | L |
| 20 | KOVE | 93.30 | 30. 3 5 | 94. 31 37 | 97.000 | 1998. | 46.74 | 237.88 | L |
| 21 | KKRW | 93.70 | 29. 34 27 | 95. 29 37 | 100.000 | 1785. | 11.40 | 70.62 | L |
| 22 | KLDE | 94.50 | 29. 34 34 | 95. 30 36 | 95.000 | 1985. | 12.17 | 72.47 | L |
| 23 | KLDE | 94.50 | 29. 45 32 | 95. 22 3 | 78.000 | 843. | 8.41 | 150.27 | L |
| 24 | KIKK | 95.70 | 29. 34 34 | 95. 30 36 | 7.500 | 1175. | 12.17 | 72.47 | L |
| 25 | KIKK | 95.70 | 29. 34 34 | 95. 30 36 | 95.000 | 1985. | 12.17 | 72.47 | L |
| 26 | KIKK | 95.70 | 29. 44 56 | 95. 28 55 | 19.000 | 725. | 12.15 | 123.47 | L |
| 27 | KHMX | 96.50 | 29. 34 34 | 95. 30 36 | 97.000 | 1985. | 12.17 | 72.47 | L |
| 28 | KKTL | 97.10 | 30. 13 53 | 95. 7 26 | .800 | 1601. | 36.65 | 193.42 | L |
| 29 | K247 | 97.30 | 29. 19 28 | 94. 47 8 | .180 | 377. | 32.24 | 305.60 | L |
| 30 | KBXX | 97.90 | 29. 34 34 | 95. 30 36 | 7.000 | 1073. | 12.17 | 72.47 | L |
| 31 | KBXX | 97.90 | 29. 34 34 | 95. 30 36 | 95.000 | 1985. | 12.17 | 72.47 | L |
| 32 | KTJM | 98.50 | 30. 3 5 | 94. 31 37 | 100.000 | 1998. | 46.74 | 237.88 | L |
| 33 | KODA | 99.10 | 29. 34 34 | 95. 30 36 | 95.000 | 1985. | 12.17 | 72.47 | L |
| 34 | KODA | 99.10 | 29. 45 32 | 95. 22 3 | 72.000 | 843. | 8.41 | 150.27 | L |

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| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 35 | K259 | 99.70 | 29. | 37 | 23 | 95. | 33 | 7 | .125 | 531. | 13.82 | 86.47 | L |
| | 36 | KSHN | 99.90 | 30. | 3 | 5 | 94. | 31 | 37 | 26.000 | 725. | 46.74 | 237.88 | L |
| | 37 | KILT | 100.30 | 29. | 34 | 34 | 95. | 30 | 36 | 95.000 | 1985. | 12.17 | 72.47 | L |
| | 38 | KRTX | 100.70 | 30. | 3 | 5 | 94. | 31 | 37 | 100.000 | 1998. | 46.74 | 237.88 | L |
| | 39 | KLOL | 101.10 | 29. | 34 | 34 | 95. | 30 | 36 | 7.000 | 1119. | 12.17 | 72.47 | L |
| | 40 | KLOL | 101.10 | 29. | 34 | 34 | 95. | 30 | 36 | 95.000 | 1985. | 12.17 | 72.47 | L |
| | 41 | KMJQ | 102.10 | 29. | 34 | 27 | 95. | 29 | 37 | 100.000 | 1785. | 11.40 | 70.62 | L |
| | 42 | KMJQ | 102.10 | 29. | 43 | 26 | 95. | 26 | 27 | 3.200 | 374. | 9.54 | 123.05 | L |
| | 43 | KMJQ | 102.10 | 29. | 45 | 32 | 95. | 22 | 3 | 13.000 | 837. | 8.41 | 150.27 | L |
| | 44 | KLTN | 102.90 | 29. | 45 | 26 | 95. | 20 | 18 | 100.000 | 1024. | 7.67 | 159.80 | L |
| | 45 | KRBE | 104.10 | 29. | 34 | 34 | 95. | 30 | 36 | 7.400 | 1093. | 12.17 | 72.47 | L |
| | 46 | KRBE | 104.10 | 29. | 34 | 34 | 95. | 30 | 36 | 95.000 | 1985. | 12.17 | 72.47 | L |
| | 47 | KLTO | 104.90 | 29. | 23 | 45 | 94. | 44 | 10 | 1.900 | 404. | 32.23 | 296.71 | L |
| | 48 | KOVA | 104.90 | 29. | 39 | 54 | 95. | 45 | 28 | 2.550 | 433. | 24.58 | 93.89 | L |
| | 49 | K285 | 104.90 | 29. | 45 | 30 | 95. | 22 | 3 | .052 | 1050. | 8.38 | 150.15 | C |
| | 50 | K285 | 104.90 | 29. | 54 | 22 | 95. | 31 | 25 | .060 | 413. | 20.29 | 142.68 | L |
| * | 51 | PROP | 104.90 | 29. | 39 | 11 | 95. | 26 | 35 | 25.000 | 420. | 8.17 | 96.68 | P |
| | 52 | KHCB | 105.70 | 29. | 34 | 6 | 95. | 29 | 57 | 100.000 | 1677. | 11.79 | 69.48 | L |
| | 53 | KQQK | 106.50 | 29. | 18 | 0 | 95. | 6 | 40 | 100.000 | 1342. | 22.23 | 335.52 | L |
| | 54 | KKHT | 106.90 | 30. | 13 | 53 | 95. | 7 | 26 | 100.000 | 1998. | 36.65 | 193.42 | L |
| | 55 | KTBZ | 107.50 | 29. | 17 | 16 | 95. | 13 | 53 | 95.000 | 1982. | 21.17 | 352.04 | L |
| | 56 | KXTJ | 107.90 | 30. | 3 | 5 | 94. | 31 | 37 | 100.000 | 1854. | 46.74 | 237.88 | L |
| | 57 | KXTJ | 107.90 | 30. | 7 | 17 | 94. | 40 | 17 | 100.000 | 2005. | 43.26 | 227.81 | A |
| | 58 | VEFD | 109.40 | 29. | 36 | 15 | 95. | 10 | 15 | .050 | 49. | 6.40 | 288.05 | V |
| | 59 | VVUH | 113.00 | 29. | 16 | 9 | 94. | 52 | 4 | .150 | 26. | 31.12 | 315.20 | V |
| | 60 | VMHF | 113.60 | 29. | 32 | 47 | 94. | 44 | 51 | .150 | 29. | 28.70 | 280.95 | V |
| | 61 | VIAH | 116.60 | 29. | 57 | 25 | 95. | 20 | 45 | .150 | 361. | 19.42 | 171.00 | V |
| | 62 | VHUB | 117.60 | 29. | 39 | 1 | 95. | 16 | 44 | .150 | 85. | .90 | 209.81 | V |

Interference thresholds are computed using the following:

Type of navaid antenna: 8 Element LPD 17 dB Gain
Type of service volume: U. S. Standard

Listing of A2/B2 Evaluations

| Freq (MHz) | ID | Call | Offset (MHz) | #Pts |
|---|---|---|---|---|

No A2/B2 points found.

Listing of 2-signal intermodulation (B1) combinations

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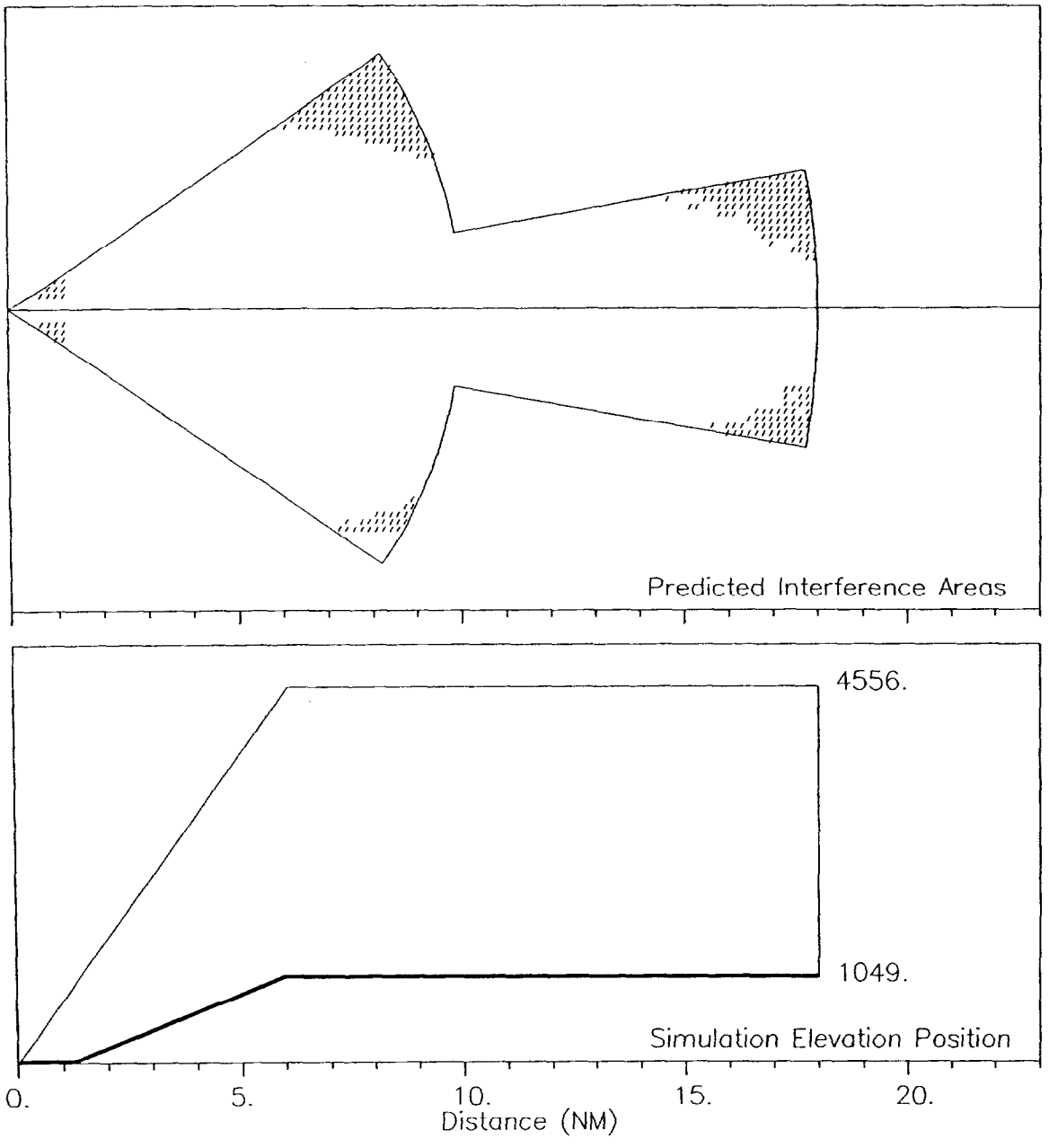
| Freq 1 (MHz) | ID | Call | Freq 2 (MHz) | ID | Call | IMod (MHz) | Offset (KHz) | #Pts |
|---|---|---|---|---|---|---|---|---|

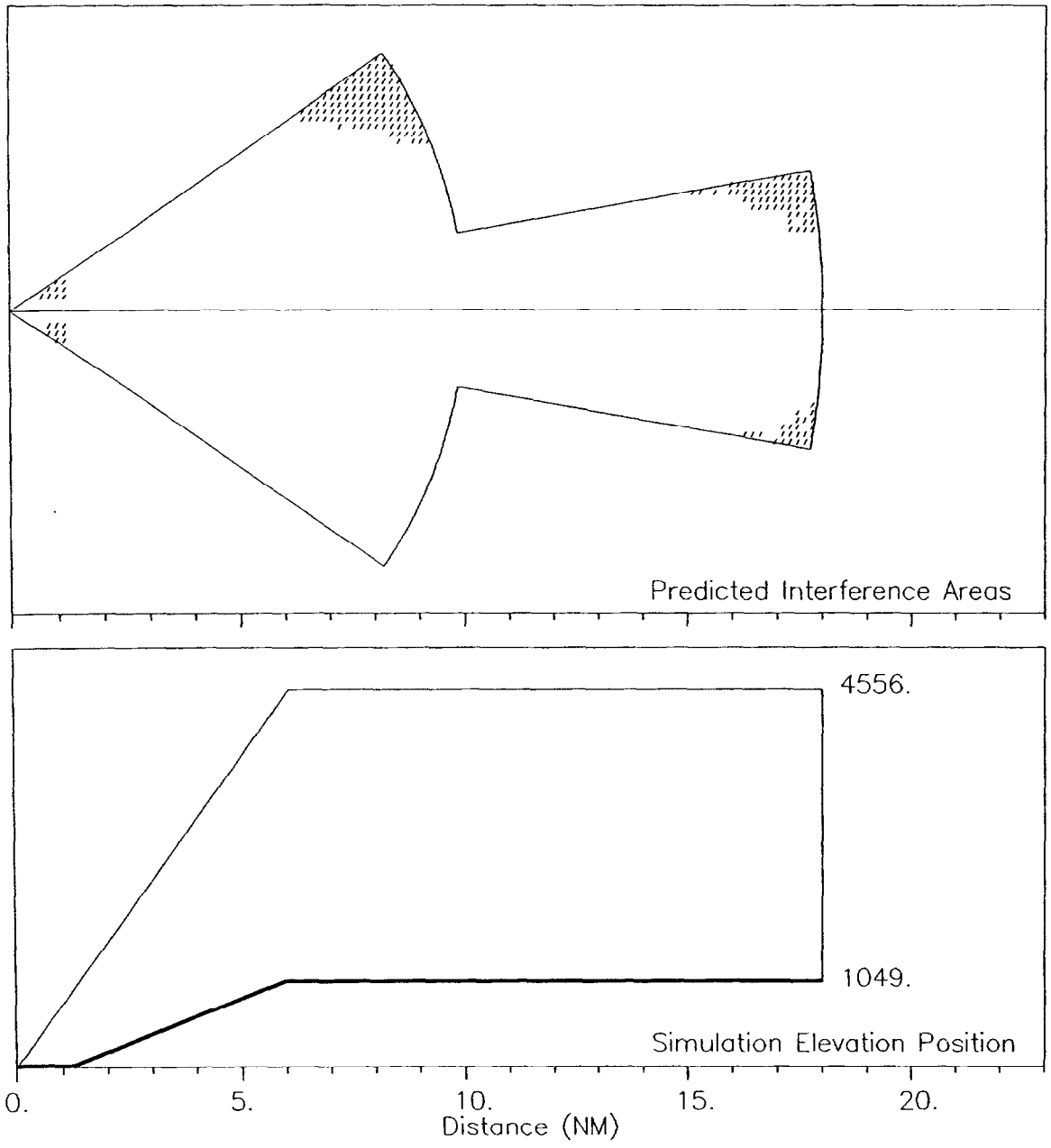
No 2-signal intermodulation interference found.

Listing of 3-signal intermodulation (B1) combinations

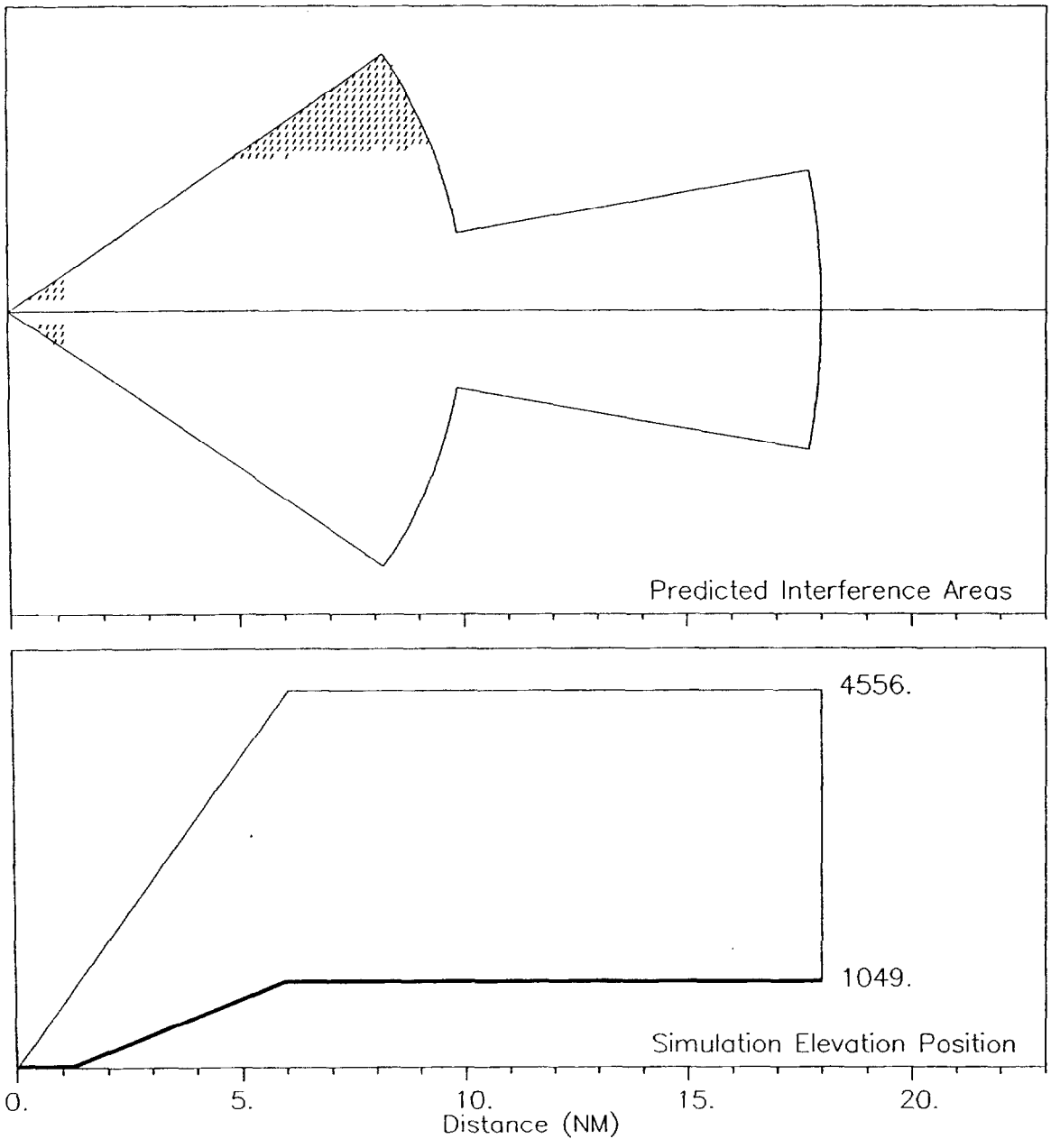
| Freq 1 (MHz) | ID | Call | Freq 2 (MHz) | ID | Call | Freq 3 (MHz) | ID | Call | IMod (MHz) | Offset (KHz) | #Pts |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 107.90 | ( 57) | KXTJ | 106.90 | ( 54) | KKHT | 104.90 | ( 51) | PROP | 109.90 | 0 | 346 |
| 107.90 | ( 57) | KXTJ | 104.90 | ( 51) | PROP | 102.90 | ( 44) | KLTN | 109.90 | 0 | 200 |
| 107.90 | ( 56) | KXTJ | 106.90 | ( 54) | KKHT | 104.90 | ( 51) | PROP | 109.90 | 0 | 209 |
| 107.90 | ( 56) | KXTJ | 104.90 | ( 51) | PROP | 102.90 | ( 44) | KLTN | 109.90 | 0 | 171 |



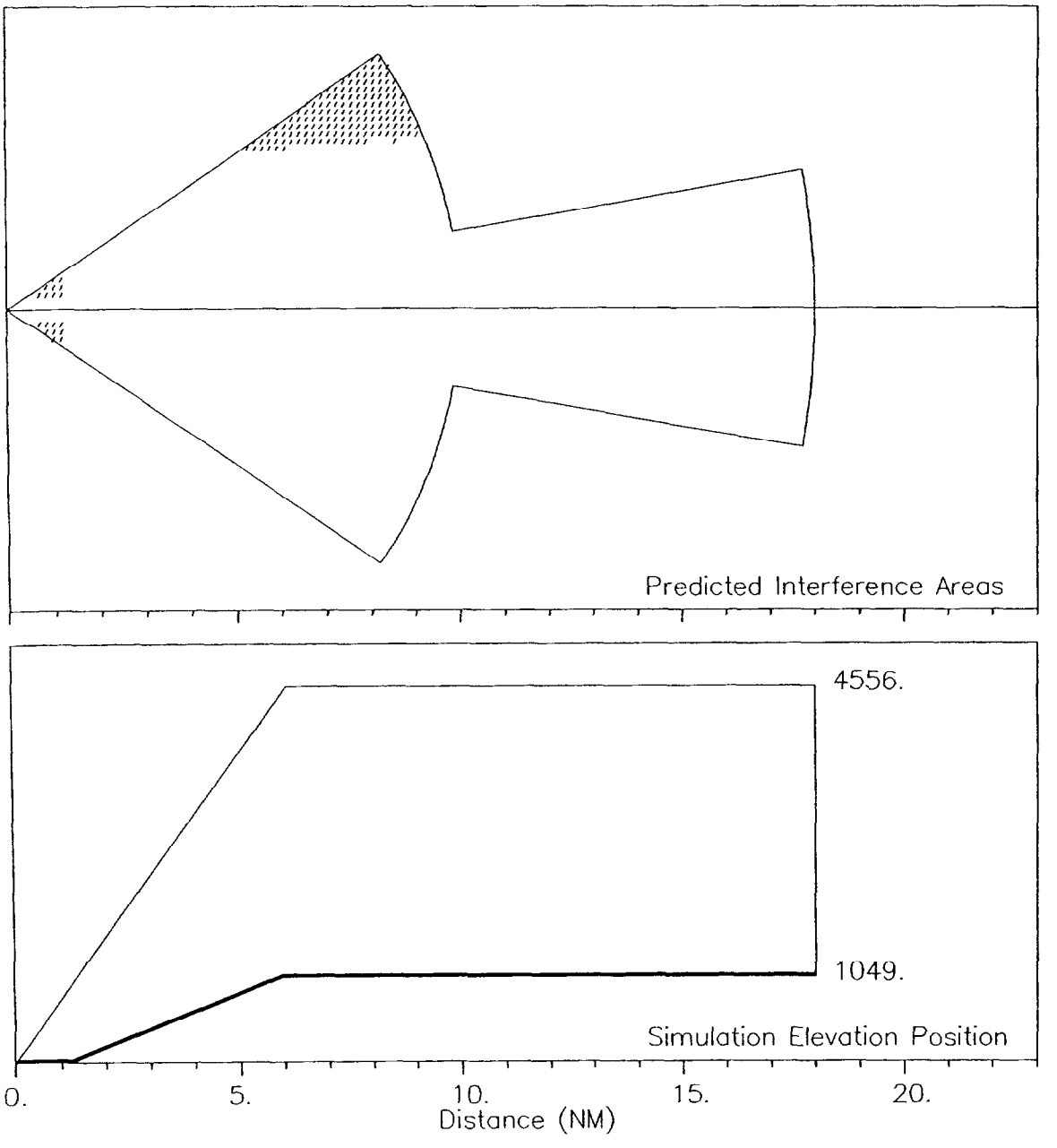

Airspace case #: 99-JPA-061999 Site: 6 NORTH
Date: 061999 Plot filename: 1L_1I_1F.plt
Intermod (B1) plot: KXTJ ( 57), KKHT ( 54), & PROP ( 51)
Frequencies: KXTJ = 107.90 MHz KKHT = 106.90 MHz PROP = 104.90 MHz
Navaid: OIB Frequency: 109.90 MHz Elevation (ft MSL): 49.
Runway heading: 224.0
Grid orientation: Bottom of service volume




Airspace case #: 99-JPA-061999 Site: 6 NORTH
Date: 061999 Plot filename: 1K_1I_1F.plt
Intermod (B1) plot: KXTJ ( 56), KKHT ( 54), & PROP ( 51)
Frequencies: KXTJ = 107.90 MHz KKHT = 106.90 MHz PROP = 104.90 MHz
Navaid: OIB Frequency: 109.90 MHz Elevation (ft MSL): 49.
Runway heading: 224.0
Grid orientation: Bottom of service volume




Airspace case #: 99-JPA-061999 Site: 6 NORTH
Date: 061999 Plot filename: 1L_1F_18.plt
Intermod (B1) plot: KXTJ ( 57), PROP ( 51), & KLTN ( 44)
Frequencies: KXTJ = 107.90 MHz PROP = 104.90 MHz KLTN = 102.90 MHz
Navaid: OIB Frequency: 109.90 MHz Elevation (ft MSL): 49.
Runway heading: 224.0
Grid orientation: Bottom of service volume




Airspace case #: 99-JPA-061999 Site: 6 NORTH
Date: 061999 Plot filename: 1K_1F_18.plt
Intermod (B1) plot: KXTJ ( 56), PROP ( 51), & KLTN ( 44)
Frequencies: KXTJ = 107.90 MHz PROP = 104.90 MHz KLTN = 102.90 MHz
Navaid: OIB Frequency: 109.90 MHz Elevation (ft MSL): 49.
Runway heading: 224.0
Grid orientation: Bottom of service volume

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Airspace case #: 99-JPA-061999 Site: 6 NORTH
Date: 061999
AAM Version 4.21, 051094
Navaid Identifier: LBX
Navaid Frequency (MHz): 109.10

Navaid Latitude: 29. 5 50
Navaid Longitude: 95. 27 44

Runway Heading (True): 180.0
Runway Elevation (Ft. MSL): 23.
Runway Length (Ft): 7000.

| Prop Stat | ID | Call | Freq (MHz) | Latitude | Longitude | ERP (Kw) | Height (MSL) | Range (NM) | Radial (True) | Lic Stat |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | NEW- | 88.10 | 28. 58 42 | 95. 18 42 | .050 | 203. | 10.64 | 312.09 | A |
| | 2 | K201 | 88.10 | 29. 19 28 | 94. 47 8 | .010 | 312. | 37.97 | 248.96 | C |
| | 3 | KFTG | 88.10 | 29. 40 2 | 95. 9 17 | .440 | 131. | 37.79 | 205.18 | L |
| | 4 | KUHF | 88.70 | 29. 34 25 | 95. 28 31 | 100.000 | 787. | 28.59 | 178.63 | L |
| | 5 | KUHF | 88.70 | 29. 34 27 | 95. 29 37 | 100.000 | 1785. | 28.66 | 176.72 | C |
| | 6 | KUHF | 88.70 | 29. 34 28 | 95. 29 37 | 100.000 | 1749. | 28.68 | 176.72 | L |
| | 7 | NEWx | 89.50 | 29. 0 4 | 95. 58 38 | 15.000 | 456. | 27.62 | 77.95 | A |
| | 8 | NEWx | 89.50 | 29. 0 4 | 95. 58 38 | 22.000 | 367. | 27.62 | 77.95 | A |
| | 9 | K208 | 89.50 | 29. 18 18 | 94. 47 20 | .250 | 223. | 37.40 | 250.53 | C |
| | 10 | KACC | 89.70 | 29. 24 1 | 95. 12 13 | 5.600 | 358. | 22.67 | 216.67 | L |
| | 11 | KPFT | 90.10 | 29. 53 14 | 95. 31 22 | 100.000 | 764. | 47.51 | 176.18 | A |
| | 12 | KPFT | 90.10 | 29. 53 14 | 95. 31 22 | 28.000 | 764. | 47.51 | 176.18 | L |
| | 13 | KJIC | 90.50 | 29. 17 56 | 95. 14 11 | 6.000 | 620. | 16.92 | 224.35 | L |
| | 14 | KTSU | 90.90 | 29. 43 25 | 95. 21 52 | 18.500 | 318. | 37.93 | 187.74 | L |
| | 15 | K216 | 91.10 | 29. 2 37 | 95. 20 11 | .130 | 459. | 7.34 | 295.99 | L |
| | 16 | KYBJ | 91.10 | 29. 2 37 | 95. 20 11 | 5.000 | 459. | 7.34 | 295.99 | L |
| | 17 | NEW- | 91.30 | 29. 32 26 | 95. 1 17 | .183 | 190. | 35.21 | 220.92 | A |
| | 18 | KRTS | 92.10 | 29. 16 33 | 95. 22 45 | 100.000 | 1001. | 11.57 | 202.10 | C |
| | 19 | KRTS | 92.10 | 29. 16 33 | 95. 22 45 | 50.000 | 1001. | 11.57 | 202.10 | L |
| | 20 | KKBQ | 92.90 | 29. 34 34 | 95. 30 36 | 9.000 | 1148. | 28.84 | 175.03 | L |
| | 21 | KKBQ | 92.90 | 29. 34 34 | 95. 30 36 | 97.000 | 1985. | 28.84 | 175.03 | L |
| | 22 | KKRW | 93.70 | 29. 34 27 | 95. 29 37 | 100.000 | 1785. | 28.66 | 176.72 | L |
| | 23 | KLDE | 94.50 | 29. 34 34 | 95. 30 36 | 95.000 | 1985. | 28.84 | 175.03 | L |
| | 24 | KLDE | 94.50 | 29. 45 32 | 95. 22 3 | 78.000 | 843. | 40.01 | 187.11 | L |
| | 25 | KIKK | 95.70 | 29. 34 34 | 95. 30 36 | 7.500 | 1175. | 28.84 | 175.03 | L |
| | 26 | KIKK | 95.70 | 29. 34 34 | 95. 30 36 | 95.000 | 1985. | 28.84 | 175.03 | L |
| | 27 | KIKK | 95.70 | 29. 44 56 | 95. 28 55 | 19.000 | 725. | 39.11 | 178.49 | L |
| | 28 | KHMX | 96.50 | 29. 34 34 | 95. 30 36 | 97.000 | 1985. | 28.84 | 175.03 | L |
| | 29 | K247 | 97.30 | 29. 19 28 | 94. 47 8 | .180 | 377. | 37.97 | 248.96 | L |
| | 30 | KBXX | 97.90 | 29. 34 34 | 95. 30 36 | 7.000 | 1073. | 28.84 | 175.03 | L |
| | 31 | KBXX | 97.90 | 29. 34 34 | 95. 30 36 | 95.000 | 1985. | 28.84 | 175.03 | L |
| | 32 | KODA | 99.10 | 29. 34 34 | 95. 30 36 | 95.000 | 1985. | 28.84 | 175.03 | L |
| | 33 | KODA | 99.10 | 29. 45 32 | 95. 22 3 | 72.000 | 843. | 40.01 | 187.11 | L |
| | 34 | K259 | 99.70 | 29. 37 23 | 95. 33 7 | .125 | 531. | 31.90 | 171.54 | L |

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| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 35 | KILT | 100.30 | 29. | 34 | 34 | 95. | 30 | 36 | 95.000 | 1985. | 28.84 | 175.03 | L |
| | 36 | KLOL | 101.10 | 29. | 34 | 34 | 95. | 30 | 36 | 7.000 | 1119. | 28.84 | 175.03 | L |
| | 37 | KLOL | 101.10 | 29. | 34 | 34 | 95. | 30 | 36 | 95.000 | 1985. | 28.84 | 175.03 | L |
| | 38 | KMJQ | 102.10 | 29. | 34 | 27 | 95. | 29 | 37 | 100.000 | 1785. | 28.66 | 176.72 | L |
| | 39 | KMJQ | 102.10 | 29. | 43 | 26 | 95. | 26 | 27 | 3.200 | 374. | 37.62 | 181.70 | L |
| | 40 | KMJQ | 102.10 | 29. | 45 | 32 | 95. | 22 | 3 | 13.000 | 837. | 40.01 | 187.11 | L |
| | 41 | KLTN | 102.90 | 29. | 45 | 26 | 95. | 20 | 18 | 100.000 | 1024. | 40.13 | 189.29 | L |
| | 42 | KJOJ | 103.30 | 28. | 48 | 57 | 95. | 36 | 3 | 100.000 | 994. | 18.38 | 23.32 | L |
| | 43 | KRBE | 104.10 | 29. | 34 | 34 | 95. | 30 | 36 | 7.400 | 1093. | 28.84 | 175.03 | L |
| | 44 | KRBE | 104.10 | 29. | 34 | 34 | 95. | 30 | 36 | 95.000 | 1985. | 28.84 | 175.03 | L |
| | 45 | KOVA | 104.90 | 29. | 30 | 31 | 95. | 27 | 58 | .000 | 0. | 24.68 | 179.53 | A |
| | 46 | KOVA | 104.90 | 29. | 39 | 54 | 95. | 45 | 28 | 2.550 | 433. | 37.41 | 155.60 | L |
| | 47 | K285 | 104.90 | 29. | 45 | 30 | 95. | 22 | 3 | .052 | 1050. | 39.97 | 187.11 | C |
| | 48 | K285 | 104.90 | 29. | 54 | 22 | 95. | 31 | 25 | .060 | 413. | 48.64 | 176.22 | L |
| * | 49 | PROP | 104.90 | 29. | 39 | 11 | 95. | 26 | 35 | 25.000 | 420. | 33.37 | 181.72 | P |
| | 50 | KHCB | 105.70 | 29. | 34 | 6 | 95. | 29 | 57 | 100.000 | 1677. | 28.33 | 176.09 | L |
| | 51 | KQQK | 106.50 | 29. | 18 | 0 | 95. | 6 | 40 | 100.000 | 1342. | 22.05 | 236.51 | L |
| | 52 | KTBZ | 107.50 | 29. | 17 | 16 | 95. | 13 | 53 | 95.000 | 1982. | 16.64 | 226.60 | L |
| | 53 | VEFD | 109.40 | 29. | 36 | 15 | 95. | 10 | 15 | .050 | 49. | 34.02 | 206.61 | V |
| | 54 | VVUH | 113.00 | 29. | 16 | 9 | 94. | 52 | 4 | .150 | 26. | 32.80 | 251.67 | V |
| | 55 | VHUB | 117.60 | 29. | 39 | 1 | 95. | 16 | 44 | .150 | 85. | 34.54 | 196.11 | V |

Interference thresholds are computed using the following:

Type of navaid antenna: 8 Element LPD 17 dB Gain
Type of service volume: U. S. Standard

Listing of A2/B2 Evaluations

| Freq (MHz) | ID | Call | Offset (MHz) | #Pts |
|---|---|---|---|---|

No A2/B2 points found.

There are no 2-signal intermodulation (B1) combinations for this data file.

Listing of 3-signal intermodulation (B1) combinations

| Freq 1 (MHz) | ID | Call | Freq 2 (MHz) | ID | Call | Freq 3 (MHz) | ID | Call | IMod (MHz) | Offset (KHz) | #Pts |
|---|---|---|---|---|---|---|---|---|---|---|---|

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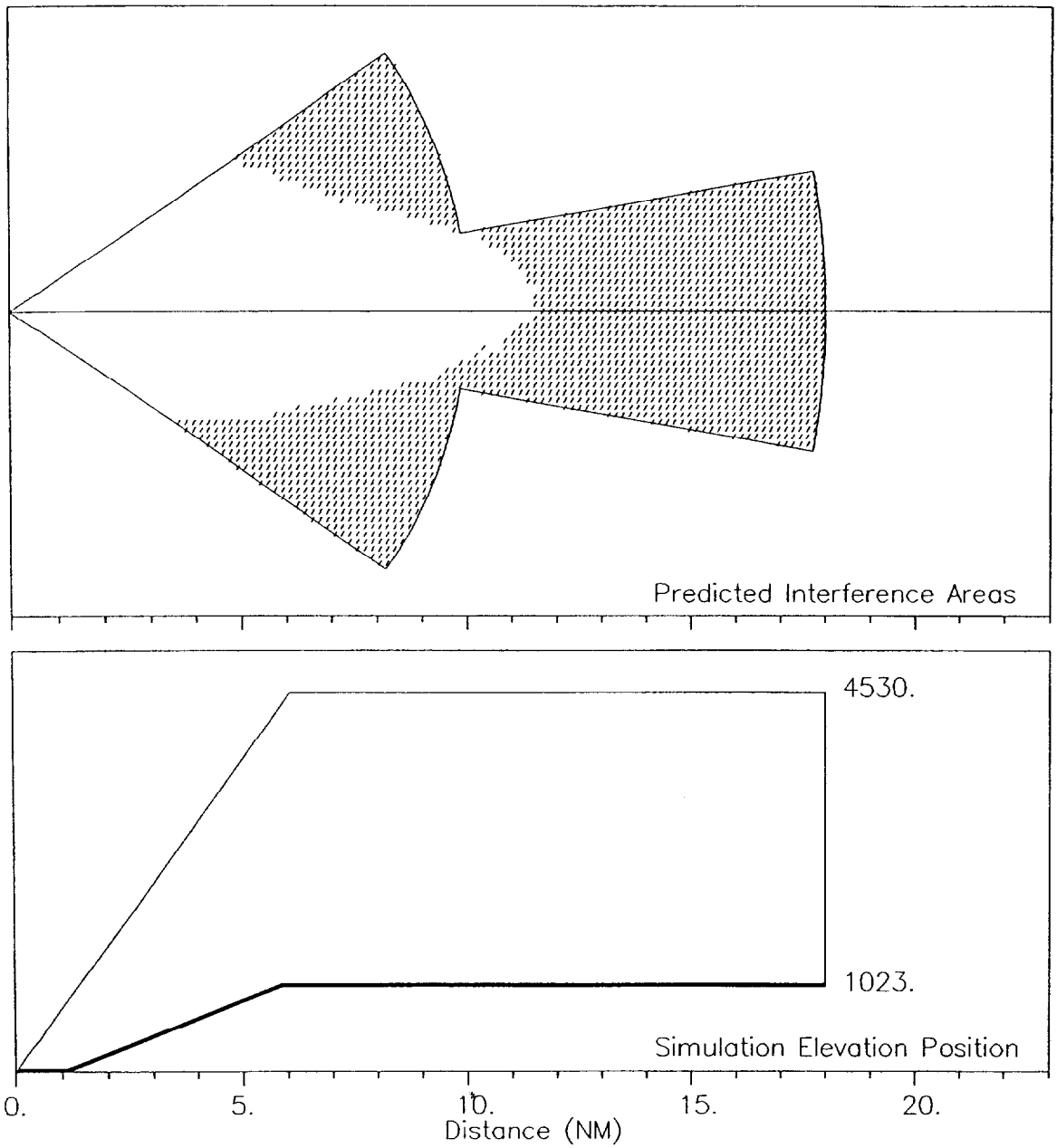
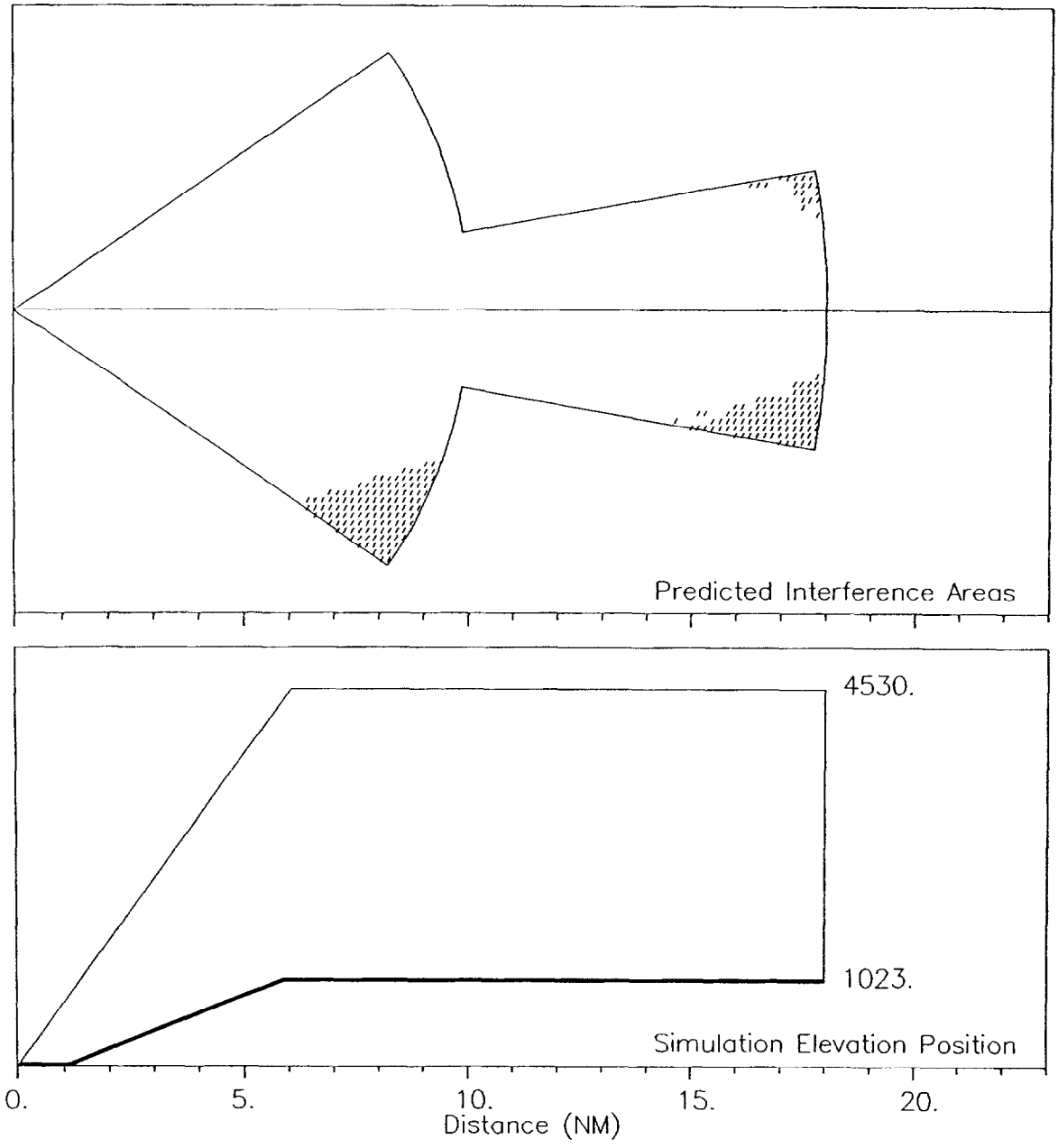
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 107.50( 52) | KTBZ | 106.50( 51) | KQQK | 104.90( 49) | PROP | 109.10 | 0 | 2182 |
| 107.50( 52) | KTBZ | 104.90( 49) | PROP | 103.30( 42) | KJOJ | 109.10 | 0 | 244 |




Airspace case #: 99-JPA-061999 Site: 6 NORTH
Date: 061999 Plot filename: 1G_1F_1D.plt
Intermod (B1) plot: KTBZ ( 52), KQQK ( 51), & PROP ( 49)
Frequencies: KTBZ = 107.50 MHz KQQK = 106.50 MHz PROP = 104.90 MHz
Navaid: LBX Frequency: 109.10 MHz Elevation (ft MSL): 23.
Runway heading: 180.0
Grid orientation: Bottom of service volume




Airspace case #: 99-JPA-061999 Site: 6 NORTH
Date: 061999 Plot filename: 1G_1D_16.plt
Intermod (B1) plot: KTBZ ( 52), PROP ( 49), & KJOJ ( 42)
Frequencies: KTBZ = 107.50 MHz PROP = 104.90 MHz KJOJ = 103.30 MHz
Navaid: LBX Frequency: 109.10 MHz Elevation (ft MSL): 23.
Runway heading: 180.0
Grid orientation: Bottom of service volume

ATTACHMENT C-3

FILE: D:\AAM\DATA\RFI.PRT CASE: RT PRINT DATE: 06-19-1999 11:33:32

Airspace case #: 99-JPA-061999 Site: 6 NORTH
Date: 061999
AAM Version 4.21, 051094
Navaid Identifier: HUB
Navaid Frequency (MHz): 109.90

Navaid Latitude: 29. 39 22
Navaid Longitude: 95. 16 0

Runway Heading (True): 44.0
Runway Elevation (Ft. MSL): 39.
Runway Length (Ft): 7602.

| Prop ID | Call | Freq (MHz) | Latitude | Longitude | ERP (Kw) | Height (MSL) | Range (NM) | Radial (True) | Lic Stat |
|---|---|---|---|---|---|---|---|---|---|
| 1 | NEW- | 88.10 | 28. 58 42 | 95. 18 42 | .050 | 203. | 40.73 | 3.31 | A |
| 2 | K201 | 88.10 | 29. 19 28 | 94. 47 8 | .010 | 312. | 32.05 | 308.38 | C |
| 3 | KFTG | 88.10 | 29. 40 2 | 95. 9 17 | .440 | 131. | 5.87 | 263.48 | L |
| 4 | K201 | 88.10 | 29. 50 50 | 95. 53 0 | .250 | 351. | 34.11 | 109.64 | C |
| 5 | KUHF | 88.70 | 29. 34 25 | 95. 28 31 | 100.000 | 787. | 11.95 | 65.54 | L |
| 6 | KUHF | 88.70 | 29. 34 27 | 95. 29 37 | 100.000 | 1785. | 12.82 | 67.45 | C |
| 7 | KUHF | 88.70 | 29. 34 28 | 95. 29 37 | 100.000 | 1749. | 12.81 | 67.51 | L |
| 8 | K208 | 89.50 | 29. 18 18 | 94. 47 20 | .250 | 223. | 32.66 | 310.17 | C |
| 9 | KACC | 89.70 | 29. 24 1 | 95. 12 13 | 5.600 | 358. | 15.70 | 347.90 | L |
| 10 | KPFT | 90.10 | 29. 53 14 | 95. 31 22 | 100.000 | 764. | 19.24 | 136.11 | A |
| 11 | KPFT | 90.10 | 29. 53 14 | 95. 31 22 | 28.000 | 764. | 19.24 | 136.11 | L |
| 12 | KJIC | 90.50 | 29. 17 56 | 95. 14 11 | 6.000 | 620. | 21.49 | 355.78 | L |
| 13 | KTSU | 90.90 | 29. 43 25 | 95. 21 52 | 18.500 | 318. | 6.51 | 128.48 | L |
| 14 | K216 | 91.10 | 29. 2 37 | 95. 20 11 | .130 | 459. | 36.93 | 5.67 | L |
| 15 | KYBJ | 91.10 | 29. 2 37 | 95. 20 11 | 5.000 | 459. | 36.93 | 5.67 | L |
| 16 | K216 | 91.10 | 29. 23 45 | 94. 44 10 | .140 | 449. | 31.80 | 299.41 | L |
| 17 | NEW- | 91.30 | 29. 32 26 | 95. 1 17 | .183 | 190. | 14.55 | 298.45 | A |
| 18 | KTRU | 91.70 | 30. 3 54 | 95. 16 10 | 50.000 | 574. | 24.53 | 179.66 | L |
| 19 | KRTS | 92.10 | 29. 16 33 | 95. 22 45 | 100.000 | 1001. | 23.56 | 14.44 | C |
| 20 | KRTS | 92.10 | 29. 16 33 | 95. 22 45 | 50.000 | 1001. | 23.56 | 14.44 | L |
| 21 | KKBQ | 92.90 | 29. 34 34 | 95. 30 36 | 9.000 | 1148. | 13.57 | 69.28 | L |
| 22 | KKBQ | 92.90 | 29. 34 34 | 95. 30 36 | 97.000 | 1985. | 13.57 | 69.28 | L |
| 23 | KKRW | 93.70 | 29. 34 27 | 95. 29 37 | 100.000 | 1785. | 12.82 | 67.45 | L |
| 24 | KLDE | 94.50 | 29. 34 34 | 95. 30 36 | 95.000 | 1985. | 13.57 | 69.28 | L |
| 25 | KLDE | 94.50 | 29. 45 32 | 95. 22 3 | 78.000 | 843. | 8.10 | 139.57 | L |
| 26 | KIKK | 95.70 | 29. 34 34 | 95. 30 36 | 7.500 | 1175. | 13.57 | 69.28 | L |
| 27 | KIKK | 95.70 | 29. 34 34 | 95. 30 36 | 95.000 | 1985. | 13.57 | 69.28 | L |
| 28 | KIKK | 95.70 | 29. 44 56 | 95. 28 55 | 19.000 | 725. | 12.52 | 116.39 | L |
| 29 | KHMX | 96.50 | 29. 34 34 | 95. 30 36 | 97.000 | 1985. | 13.57 | 69.28 | L |
| 30 | K247 | 97.30 | 29. 19 28 | 94. 47 8 | .180 | 377. | 32.05 | 308.38 | L |
| 31 | KBXX | 97.90 | 29. 34 34 | 95. 30 36 | 7.000 | 1073. | 13.57 | 69.28 | L |
| 32 | KBXX | 97.90 | 29. 34 34 | 95. 30 36 | 95.000 | 1985. | 13.57 | 69.28 | L |
| 33 | KODA | 99.10 | 29. 34 34 | 95. 30 36 | 95.000 | 1985. | 13.57 | 69.28 | L |
| 34 | KODA | 99.10 | 29. 45 32 | 95. 22 3 | 72.000 | 843. | 8.10 | 139.57 | L |

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| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 35 | K259 | 99.70 | 29. | 37 | 23 | 95. | 33 | 7 | .125 | 531. | 15.01 | 82.41 | L |
| | 36 | KILT | 100.30 | 29. | 34 | 34 | 95. | 30 | 36 | 95.000 | 1985. | 13.57 | 69.28 | L |
| | 37 | KLOL | 101.10 | 29. | 34 | 34 | 95. | 30 | 36 | 7.000 | 1119. | 13.57 | 69.28 | L |
| | 38 | KLOL | 101.10 | 29. | 34 | 34 | 95. | 30 | 36 | 95.000 | 1985. | 13.57 | 69.28 | L |
| | 39 | KMJQ | 102.10 | 29. | 34 | 27 | 95. | 29 | 37 | 100.000 | 1785. | 12.82 | 67.45 | L |
| | 40 | KMJQ | 102.10 | 29. | 43 | 26 | 95. | 26 | 27 | 3.200 | 374. | 9.95 | 114.13 | L |
| | 41 | KMJQ | 102.10 | 29. | 45 | 32 | 95. | 22 | 3 | 13.000 | 837. | 8.10 | 139.57 | L |
| | 42 | KLTN | 102.90 | 29. | 45 | 26 | 95. | 20 | 18 | 100.000 | 1024. | 7.12 | 148.38 | L |
| | 43 | KRBE | 104.10 | 29. | 34 | 34 | 95. | 30 | 36 | 7.400 | 1093. | 13.57 | 69.28 | L |
| | 44 | KRBE | 104.10 | 29. | 34 | 34 | 95. | 30 | 36 | 95.000 | 1985. | 13.57 | 69.28 | L |
| | 45 | KLTO | 104.90 | 29. | 23 | 45 | 94. | 44 | 10 | 1.900 | 404. | 31.80 | 299.41 | L |
| | 46 | KOVA | 104.90 | 29. | 39 | 54 | 95. | 45 | 28 | 2.550 | 433. | 25.61 | 91.19 | L |
| | 47 | K285 | 104.90 | 29. | 45 | 30 | 95. | 22 | 3 | .052 | 1050. | 8.08 | 139.41 | C |
| | 48 | K285 | 104.90 | 29. | 54 | 22 | 95. | 31 | 25 | .060 | 413. | 20.10 | 138.27 | L |
| * | 49 | PROP | 104.90 | 29. | 39 | 11 | 95. | 26 | 35 | 25.000 | 420. | 9.20 | 88.86 | P |
| | 50 | KHCB | 105.70 | 29. | 34 | 6 | 95. | 29 | 57 | 100.000 | 1677. | 13.22 | 66.53 | L |
| | 51 | KQQK | 106.50 | 29. | 18 | 0 | 95. | 6 | 40 | 100.000 | 1342. | 22.86 | 339.18 | L |
| | 52 | KTBZ | 107.50 | 29. | 17 | 16 | 95. | 13 | 53 | 95.000 | 1982. | 22.18 | 355.23 | L |
| | 53 | VEFD | 109.40 | 29. | 36 | 15 | 95. | 10 | 15 | .050 | 49. | 5.89 | 301.94 | V |
| | 54 | VVUH | 113.00 | 29. | 16 | 9 | 94. | 52 | 4 | .150 | 26. | 31.20 | 318.09 | V |
| | 55 | VMHF | 113.60 | 29. | 32 | 47 | 94. | 44 | 51 | .150 | 29. | 27.87 | 283.66 | V |
| | 56 | VIAH | 116.60 | 29. | 57 | 25 | 95. | 20 | 45 | .150 | 361. | 18.51 | 167.14 | V |
| | 57 | VHUB | 117.60 | 29. | 39 | 1 | 95. | 16 | 44 | .150 | 85. | .73 | 61.23 | V |

Interference thresholds are computed using the following:

Type of navaid antenna: 8 Element LPD 17 dB Gain
Type of service volume: U. S. Standard

Listing of A2/B2 Evaluations

| Freq (MHz) | ID | Call | Offset (MHz) | #Pts |
|---|---|---|---|---|

No A2/B2 points found.

Listing of 2-signal intermodulation (B1) combinations

| Freq 1 (MHz) | ID | Call | Freq 2 (MHz) | ID | Call | IMod (MHz) | Offset (KHz) | #Pts |
|---|---|---|---|---|---|---|---|---|

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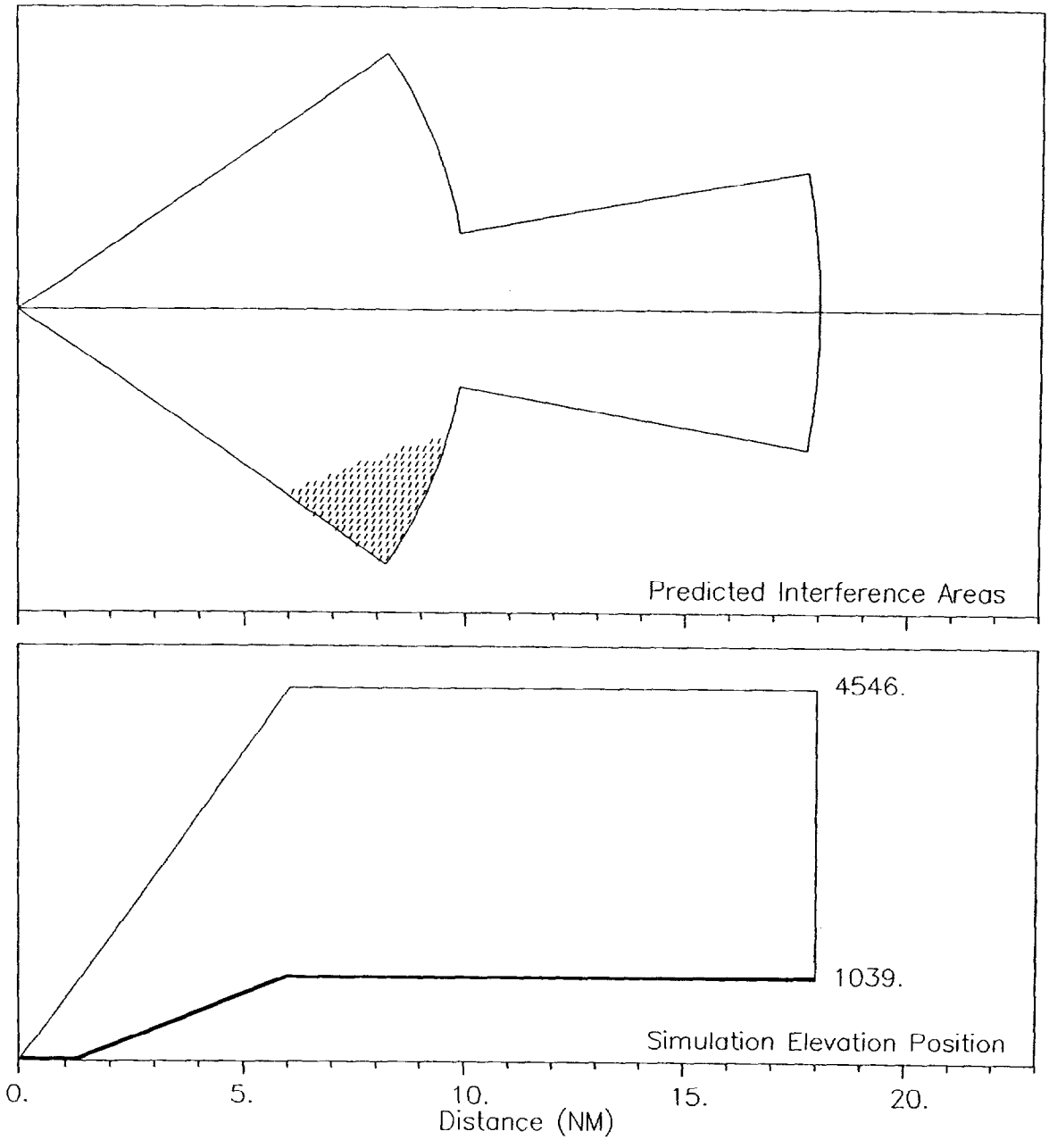
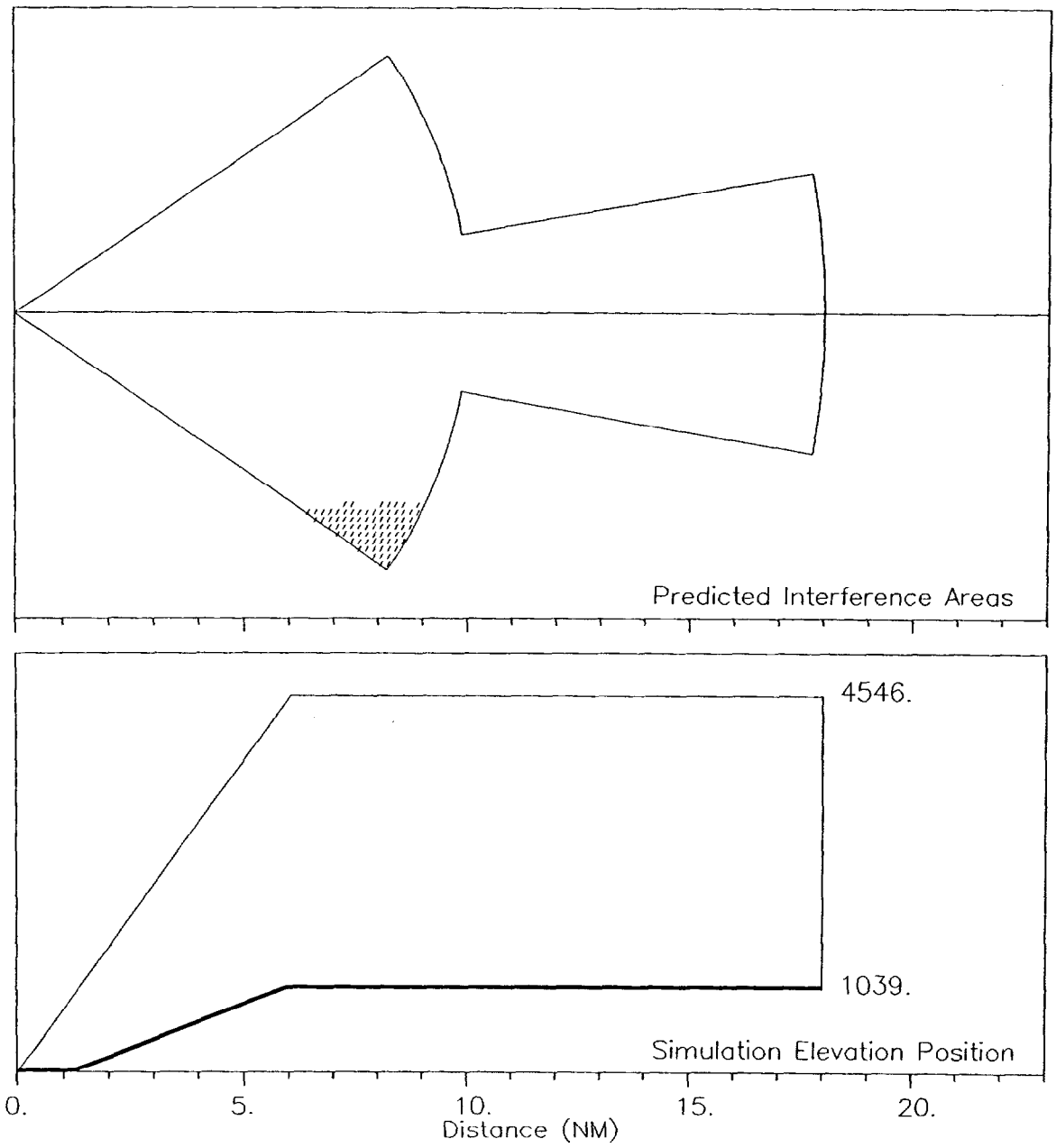
No 2-signal intermodulation interference found.

Listing of 3-signal intermodulation (B1) combinations

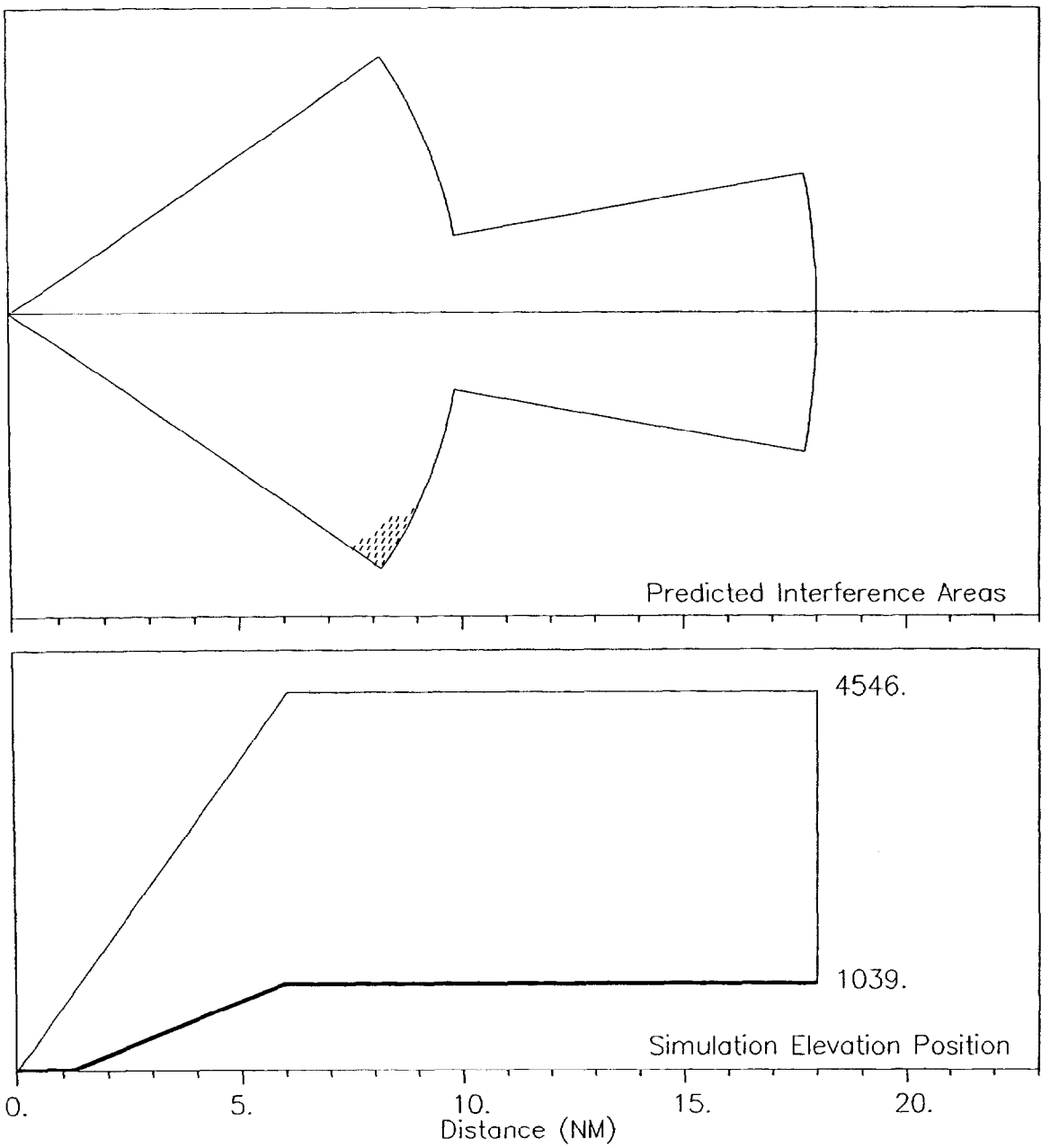
| Freq 1 (MHz) | ID | Call | Freq 2 (MHz) | ID | Call | Freq 3 (MHz) | ID | Call | IMod (MHz) | Offset (KHz) | #Pts |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 104.90 | ( 49) | PROP | 104.10 | ( 44) | KRBE | 99.10 | ( 34) | KODA | 109.90 | 0 | 79 |
| 104.90 | ( 49) | PROP | 104.10 | ( 44) | KRBE | 99.10 | ( 33) | KODA | 109.90 | 0 | 181 |
| 104.90 | ( 49) | PROP | 104.10 | ( 43) | KRBE | 99.10 | ( 33) | KODA | 109.90 | 0 | 30 |




Airspace case #: 99-JPA-061999 Site: 6 NORTH
Date: 061999 Plot filename: 1D_18_0X.plt
Intermod (B1) plot: PROP ( 49), KRBE ( 44), & KODA ( 33)
Frequencies: PROP = 104.90 MHz KRBE = 104.10 MHz KODA = 99.10 MHz
Navaid: HUB Frequency: 109.90 MHz Elevation (ft MSL): 39.
Runway heading: 44.0
Grid orientation: Bottom of service volume




Airspace case #: 99-JPA-061999 Site: 6 NORTH
Date: 061999 Plot filename: 1D_18_0Y.plt
Intermod (B1) plot: PROP ( 49), KRBE ( 44), & KODA ( 34)
Frequencies: PROP = 104.90 MHz KRBE = 104.10 MHz KODA = 99.10 MHz
Navaid: HUB Frequency: 109.90 MHz Elevation (ft MSL): 39.
Runway heading: 44.0
Grid orientation: Bottom of service volume




Airspace case #: 99-JPA-061999 Site: 6 NORTH
Date: 061999 Plot filename: 1D_17_0X.plt
Intermod (B1) plot: PROP ( 49), KRBE ( 43), & KODA ( 33)
Frequencies: PROP = 104.90 MHz KRBE = 104.10 MHz KODA = 99.10 MHz
Navaid: HUB Frequency: 109.90 MHz Elevation (ft MSL): 39.
Runway heading: 44.0
Grid orientation: Bottom of service volume

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Airspace case #: 99-JPA-061999 Site: 6 NORTH
Date: 061999
AAM Version 4.21, 051094
Navaid Identifier: FNF
Navaid Frequency (MHz): 110.10

Navaid Latitude: 29. 35 40
Navaid Longitude: 95. 10 0

Runway Heading (True): 225.0
Runway Elevation (Ft. MSL): 26.
Runway Length (Ft): 8001.

| Prop ID Stat | Call | Freq (MHz) | Latitude | Longitude | ERP (Kw) | Height (MSL) | Range (NM) | Radial (True) | Lic Stat |
|---|---|---|---|---|---|---|---|---|---|
| 1 | K201 | 88.10 | 29. 19 28 | 94. 47 8 | .010 | 312. | 25.67 | 309.13 | C |
| 2 | KFTG | 88.10 | 29. 40 2 | 95. 9 17 | .440 | 131. | 4.41 | 188.12 | L |
| 3 | KUHF | 88.70 | 29. 34 25 | 95. 28 31 | 100.000 | 787. | 16.15 | 85.56 | L |
| 4 | KUHF | 88.70 | 29. 34 27 | 95. 29 37 | 100.000 | 1785. | 17.10 | 85.92 | C |
| 5 | KUHF | 88.70 | 29. 34 28 | 95. 29 37 | 100.000 | 1749. | 17.10 | 85.98 | L |
| 6 | KSBJ | 89.30 | 30. 12 26 | 95. 5 28 | 100.000 | 938. | 36.98 | 186.10 | L |
| 7 | K208 | 89.50 | 29. 18 18 | 94. 47 20 | .250 | 223. | 26.29 | 311.34 | C |
| 8 | KACC | 89.70 | 29. 24 1 | 95. 12 13 | 5.600 | 358. | 11.81 | 9.40 | L |
| 9 | KPFT | 90.10 | 29. 53 14 | 95. 31 22 | 100.000 | 764. | 25.55 | 133.44 | A |
| 10 | KPFT | 90.10 | 29. 53 14 | 95. 31 22 | 28.000 | 764. | 25.55 | 133.44 | L |
| 11 | KJIC | 90.50 | 29. 17 56 | 95. 14 11 | 6.000 | 620. | 18.10 | 11.61 | L |
| 12 | KTSU | 90.90 | 29. 43 25 | 95. 21 52 | 18.500 | 318. | 12.90 | 126.93 | L |
| 13 | K216 | 91.10 | 29. 23 45 | 94. 44 10 | .140 | 449. | 25.45 | 297.92 | L |
| 14 | NEW- | 91.30 | 29. 32 26 | 95. 1 17 | .183 | 190. | 8.24 | 293.10 | A |
| 15 | KTRU | 91.70 | 30. 3 54 | 95. 16 10 | 50.000 | 574. | 28.74 | 169.27 | L |
| 16 | KRTS | 92.10 | 29. 16 33 | 95. 22 45 | 100.000 | 1001. | 22.11 | 30.15 | C |
| 17 | KRTS | 92.10 | 29. 16 33 | 95. 22 45 | 50.000 | 1001. | 22.11 | 30.15 | L |
| 18 | KKBQ | 92.90 | 29. 34 34 | 95. 30 36 | 9.000 | 1148. | 17.95 | 86.49 | L |
| 19 | KKBQ | 92.90 | 29. 34 34 | 95. 30 36 | 97.000 | 1985. | 17.95 | 86.49 | L |
| 20 | KOVE | 93.30 | 30. 3 5 | 94. 31 37 | 97.000 | 1998. | 43.13 | 230.53 | L |
| 21 | KKRW | 93.70 | 29. 34 27 | 95. 29 37 | 100.000 | 1785. | 17.10 | 85.92 | L |
| 22 | KLDE | 94.50 | 29. 34 34 | 95. 30 36 | 95.000 | 1985. | 17.95 | 86.49 | L |
| 23 | KLDE | 94.50 | 29. 45 32 | 95. 22 3 | 78.000 | 843. | 14.39 | 133.30 | L |
| 24 | KIKK | 95.70 | 29. 34 34 | 95. 30 36 | 7.500 | 1175. | 17.95 | 86.49 | L |
| 25 | KIKK | 95.70 | 29. 34 34 | 95. 30 36 | 95.000 | 1985. | 17.95 | 86.49 | L |
| 26 | KIKK | 95.70 | 29. 44 56 | 95. 28 55 | 19.000 | 725. | 18.87 | 119.41 | L |
| 27 | KHMX | 96.50 | 29. 34 34 | 95. 30 36 | 97.000 | 1985. | 17.95 | 86.49 | L |
| 28 | KKTL | 97.10 | 30. 13 53 | 95. 7 26 | .800 | 1601. | 38.28 | 183.33 | L |
| 29 | K247 | 97.30 | 29. 19 28 | 94. 47 8 | .180 | 377. | 25.67 | 309.13 | L |
| 30 | KBXX | 97.90 | 29. 34 34 | 95. 30 36 | 7.000 | 1073. | 17.95 | 86.49 | L |
| 31 | KBXX | 97.90 | 29. 34 34 | 95. 30 36 | 95.000 | 1985. | 17.95 | 86.49 | L |
| 32 | KTJM | 98.50 | 30. 3 5 | 94. 31 37 | 100.000 | 1998. | 43.13 | 230.53 | L |
| 33 | KODA | 99.10 | 29. 34 34 | 95. 30 36 | 95.000 | 1985. | 17.95 | 86.49 | L |
| 34 | KODA | 99.10 | 29. 45 32 | 95. 22 3 | 72.000 | 843. | 14.39 | 133.30 | L |

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| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 35 | K259 | 99.70 | 29. | 37 | 23 | 95. | 33 | 7 | .125 | 531. | 20.17 | 94.88 | L |
| | 36 | KSHN | 99.90 | 30. | 3 | 5 | 94. | 31 | 37 | 26.000 | 725. | 43.13 | 230.53 | L |
| | 37 | KILT | 100.30 | 29. | 34 | 34 | 95. | 30 | 36 | 95.000 | 1985. | 17.95 | 86.49 | L |
| | 38 | KRTX | 100.70 | 30. | 3 | 5 | 94. | 31 | 37 | 100.000 | 1998. | 43.13 | 230.53 | L |
| | 39 | KLOL | 101.10 | 29. | 34 | 34 | 95. | 30 | 36 | 7.000 | 1119. | 17.95 | 86.49 | L |
| | 40 | KLOL | 101.10 | 29. | 34 | 34 | 95. | 30 | 36 | 95.000 | 1985. | 17.95 | 86.49 | L |
| | 41 | KSTB | 101.50 | 29. | 33 | 52 | 94. | 23 | 59 | 14.000 | 449. | 40.06 | 272.58 | L |
| | 42 | KMJQ | 102.10 | 29. | 34 | 27 | 95. | 29 | 37 | 100.000 | 1785. | 17.10 | 85.92 | L |
| | 43 | KMJQ | 102.10 | 29. | 43 | 26 | 95. | 26 | 27 | 3.200 | 374. | 16.27 | 118.52 | L |
| | 44 | KMJQ | 102.10 | 29. | 45 | 32 | 95. | 22 | 3 | 13.000 | 837. | 14.39 | 133.30 | L |
| | 45 | KLTN | 102.90 | 29. | 45 | 26 | 95. | 20 | 18 | 100.000 | 1024. | 13.25 | 137.50 | L |
| | 46 | KRBE | 104.10 | 29. | 34 | 34 | 95. | 30 | 36 | 7.400 | 1093. | 17.95 | 86.49 | L |
| | 47 | KRBE | 104.10 | 29. | 34 | 34 | 95. | 30 | 36 | 95.000 | 1985. | 17.95 | 86.49 | L |
| | 48 | KLTO | 104.90 | 29. | 23 | 45 | 94. | 44 | 10 | 1.900 | 404. | 25.45 | 297.92 | L |
| | 49 | KOVA | 104.90 | 29. | 39 | 54 | 95. | 45 | 28 | 2.550 | 433. | 31.12 | 97.82 | L |
| | 50 | K285 | 104.90 | 29. | 45 | 30 | 95. | 22 | 3 | .052 | 1050. | 14.36 | 133.20 | C |
| | 51 | K285 | 104.90 | 29. | 54 | 22 | 95. | 31 | 25 | .060 | 413. | 26.37 | 135.16 | L |
| * | 52 | PROP | 104.90 | 29. | 39 | 11 | 95. | 26 | 35 | 25.000 | 420. | 14.84 | 103.71 | P |
| | 53 | KHCB | 105.70 | 29. | 34 | 6 | 95. | 29 | 57 | 100.000 | 1677. | 17.42 | 84.84 | L |
| | 54 | KQQK | 106.50 | 29. | 18 | 0 | 95. | 6 | 40 | 100.000 | 1342. | 17.90 | 350.67 | L |
| | 55 | KKHT | 106.90 | 30. | 13 | 53 | 95. | 7 | 26 | 100.000 | 1998. | 38.28 | 183.33 | L |
| | 56 | KTBZ | 107.50 | 29. | 17 | 16 | 95. | 13 | 53 | 95.000 | 1982. | 18.71 | 10.42 | L |
| | 57 | KXTJ | 107.90 | 30. | 3 | 5 | 94. | 31 | 37 | 100.000 | 1854. | 43.13 | 230.53 | L |
| | 58 | KXTJ | 107.90 | 30. | 7 | 17 | 94. | 40 | 17 | 100.000 | 2005. | 40.79 | 219.18 | A |
| | 59 | VEFD | 109.40 | 29. | 36 | 15 | 95. | 10 | 15 | .050 | 49. | .62 | 159.57 | V |
| | 60 | VVUH | 113.00 | 29. | 16 | 9 | 94. | 52 | 4 | .150 | 26. | 25.00 | 321.33 | V |
| | 61 | VMHF | 113.60 | 29. | 32 | 47 | 94. | 44 | 51 | .150 | 29. | 22.06 | 277.51 | V |
| | 62 | VIAH | 116.60 | 29. | 57 | 25 | 95. | 20 | 45 | .150 | 361. | 23.67 | 156.78 | V |
| | 63 | VHUB | 117.60 | 29. | 39 | 1 | 95. | 16 | 44 | .150 | 85. | 6.74 | 119.78 | V |

Interference thresholds are computed using the following:

Type of navaid antenna: 8 Element LPD 17 dB Gain
Type of service volume: U. S. Standard

Listing of A2/B2 Evaluations

| Freq (MHz) | ID | Call | Offset (MHz) | #Pts |
|---|---|---|---|---|

No A2/B2 points found.

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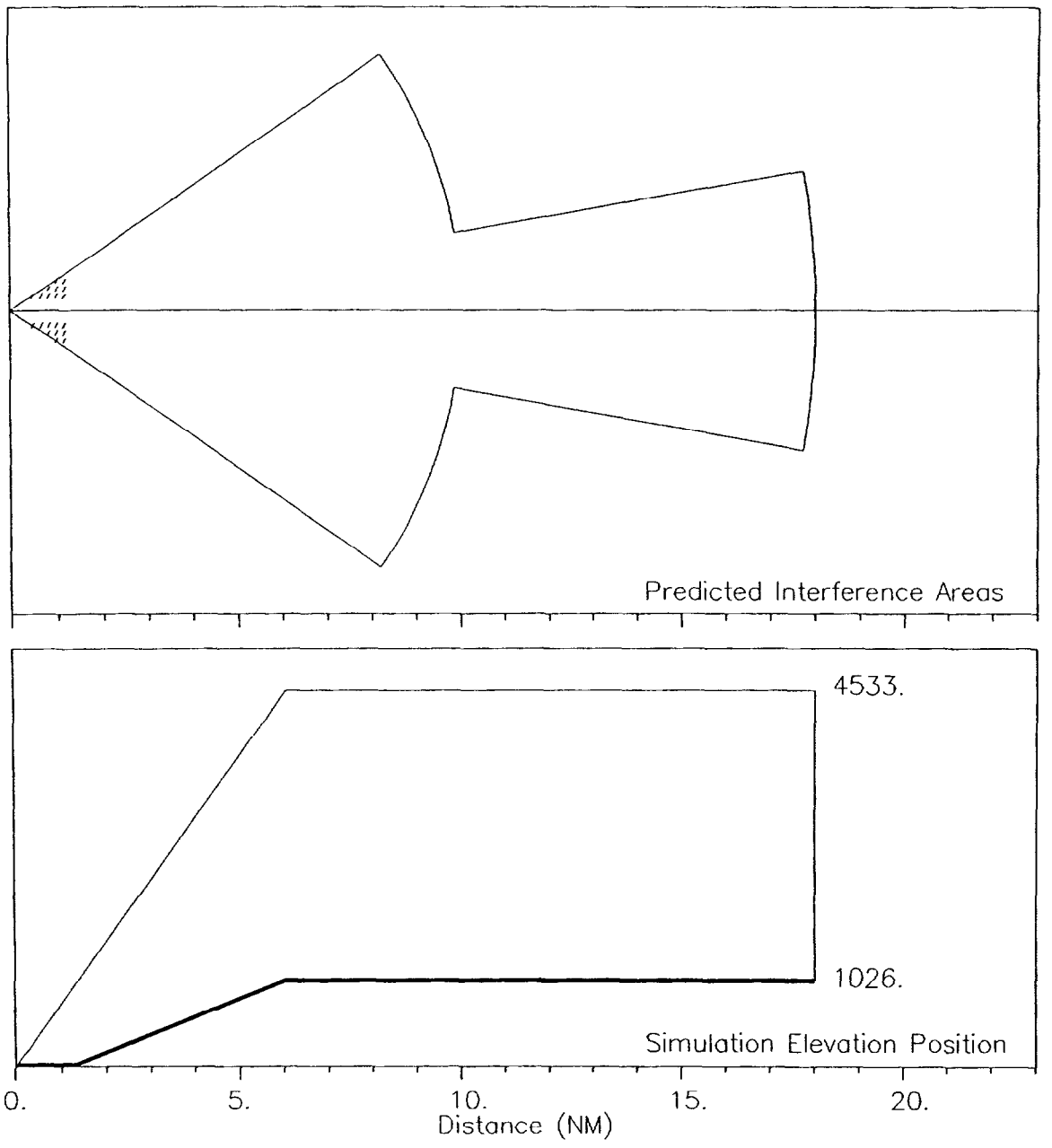
Listing of 2-signal intermodulation (B1) combinations

| Freq 1 (MHz) | ID | Call | Freq 2 (MHz) | ID | Call | IMod (MHz) | Offset (KHz) | #Pts |
|---|---|---|---|---|---|---|---|---|
| 107.50 | ( 56) | KTBZ | 104.90 | ( 52) | PROP | 110.10 | 0 | 20 |

Listing of 3-signal intermodulation (B1) combinations

| Freq 1 (MHz) | ID | Call | Freq 2 (MHz) | ID | Call | Freq 3 (MHz) | ID | Call | IMod (MHz) | Offset (KHz) | #Pts |
|---|---|---|---|---|---|---|---|---|---|---|---|

No 3-signal intermodulation interference found.




Airspace case #: 99-JPA-061999 Site: 6 NORTH
Date: 061999 Plot filename: 1K_1G___.plt
Intermodulation (B1) plot: KTBZ ( 56) & PROP ( 52)
Frequencies: KTBZ = 107.50 MHz PROP = 104.90 MHz
Navaid: FNF Frequency: 110.10 MHz Elevation (ft MSL): 26.
Runway heading: 225.0
Grid orientation: Bottom of service volume

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Airspace case #: 99-JPA-061999 Site: 6 NORTH
Date: 061999
AAM Version 4.21, 051094
Navaid Identifier: PRQ
Navaid Frequency (MHz): 111.30

Navaid Latitude: 29. 38 4
Navaid Longitude: 95. 15 58

Runway Heading (True): 134.0
Runway Elevation (Ft. MSL): 43.
Runway Length (Ft): 7601.

| Prop Stat | ID | Call | Freq (MHz) | Latitude | Longitude | ERP (Kw) | Height (MSL) | Range (NM) | Radial (True) | Lic Stat |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | KFTG | 88.10 | 29. 40 2 | 95. 9 17 | .440 | 131. | 6.13 | 251.29 | L |
| | 2 | K201 | 88.10 | 29. 50 50 | 95. 53 0 | .250 | 351. | 34.60 | 111.65 | C |
| | 3 | KUHF | 88.70 | 29. 34 25 | 95. 28 31 | 100.000 | 787. | 11.51 | 71.50 | L |
| | 4 | KUHF | 88.70 | 29. 34 27 | 95. 29 37 | 100.000 | 1785. | 12.41 | 73.05 | C |
| | 5 | KUHF | 88.70 | 29. 34 28 | 95. 29 37 | 100.000 | 1749. | 12.40 | 73.13 | L |
| | 6 | KSBJ | 89.30 | 30. 12 26 | 95. 5 28 | 100.000 | 938. | 35.55 | 194.83 | L |
| | 7 | KACC | 89.70 | 29. 24 1 | 95. 12 13 | 5.600 | 358. | 14.42 | 346.92 | L |
| | 8 | KPFT | 90.10 | 29. 53 14 | 95. 31 22 | 100.000 | 764. | 20.22 | 138.60 | A |
| | 9 | KPFT | 90.10 | 29. 53 14 | 95. 31 22 | 28.000 | 764. | 20.22 | 138.60 | L |
| | 10 | KJIC | 90.50 | 29. 17 56 | 95. 14 11 | 6.000 | 620. | 20.19 | 355.59 | L |
| | 11 | KTSU | 90.90 | 29. 43 25 | 95. 21 52 | 18.500 | 318. | 7.41 | 136.23 | L |
| | 12 | NEW- | 91.30 | 29. 32 26 | 95. 1 17 | .183 | 190. | 13.96 | 293.81 | A |
| | 13 | KPVU | 91.30 | 30. 5 21 | 95. 59 46 | 9.800 | 650. | 46.77 | 125.69 | L |
| | 14 | KTRU | 91.70 | 30. 3 54 | 95. 16 10 | 50.000 | 574. | 25.83 | 179.62 | L |
| | 15 | KRTS | 92.10 | 29. 16 33 | 95. 22 45 | 100.000 | 1001. | 22.31 | 15.35 | C |
| | 16 | KRTS | 92.10 | 29. 16 33 | 95. 22 45 | 50.000 | 1001. | 22.31 | 15.35 | L |
| | 17 | KKBQ | 92.90 | 29. 34 34 | 95. 30 36 | 9.000 | 1148. | 13.20 | 74.62 | L |
| | 18 | KKBQ | 92.90 | 29. 34 34 | 95. 30 36 | 97.000 | 1985. | 13.20 | 74.62 | L |
| | 19 | KKRW | 93.70 | 29. 34 27 | 95. 29 37 | 100.000 | 1785. | 12.41 | 73.05 | L |
| | 20 | KLDE | 94.50 | 29. 34 34 | 95. 30 36 | 95.000 | 1985. | 13.20 | 74.62 | L |
| | 21 | KLDE | 94.50 | 29. 45 32 | 95. 22 3 | 78.000 | 843. | 9.15 | 144.71 | L |
| | 22 | KIKK | 95.70 | 29. 34 34 | 95. 30 36 | 7.500 | 1175. | 13.20 | 74.62 | L |
| | 23 | KIKK | 95.70 | 29. 34 34 | 95. 30 36 | 95.000 | 1985. | 13.20 | 74.62 | L |
| | 24 | KIKK | 95.70 | 29. 44 56 | 95. 28 55 | 19.000 | 725. | 13.18 | 121.40 | L |
| | 25 | KHMX | 96.50 | 29. 34 34 | 95. 30 36 | 97.000 | 1985. | 13.20 | 74.62 | L |
| | 26 | KKTL | 97.10 | 30. 13 53 | 95. 7 26 | .800 | 1601. | 36.57 | 191.67 | L |
| | 27 | KBXX | 97.90 | 29. 34 34 | 95. 30 36 | 7.000 | 1073. | 13.20 | 74.62 | L |
| | 28 | KBXX | 97.90 | 29. 34 34 | 95. 30 36 | 95.000 | 1985. | 13.20 | 74.62 | L |
| | 29 | KODA | 99.10 | 29. 34 34 | 95. 30 36 | 95.000 | 1985. | 13.20 | 74.62 | L |
| | 30 | KODA | 99.10 | 29. 45 32 | 95. 22 3 | 72.000 | 843. | 9.15 | 144.71 | L |
| | 31 | K259 | 99.70 | 29. 37 23 | 95. 33 7 | .125 | 531. | 14.92 | 87.38 | L |
| | 32 | KILT | 100.30 | 29. 34 34 | 95. 30 36 | 95.000 | 1985. | 13.20 | 74.62 | L |
| | 33 | KLOL | 101.10 | 29. 34 34 | 95. 30 36 | 7.000 | 1119. | 13.20 | 74.62 | L |
| | 34 | KLOL | 101.10 | 29. 34 34 | 95. 30 36 | 95.000 | 1985. | 13.20 | 74.62 | L |

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| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 35 | KMJQ | 102.10 | 29. | 34 | 27 | 95. | 29 | 37 | 100.000 | 1785. | 12.41 | 73.05 | L |
| | 36 | KMJQ | 102.10 | 29. | 43 | 26 | 95. | 26 | 27 | 3.200 | 374. | 10.57 | 120.51 | L |
| | 37 | KMJQ | 102.10 | 29. | 45 | 32 | 95. | 22 | 3 | 13.000 | 837. | 9.15 | 144.71 | L |
| | 38 | KLTN | 102.90 | 29. | 45 | 26 | 95. | 20 | 18 | 100.000 | 1024. | 8.27 | 152.93 | L |
| | 39 | KRBE | 104.10 | 29. | 34 | 34 | 95. | 30 | 36 | 7.400 | 1093. | 13.20 | 74.62 | L |
| | 40 | KRBE | 104.10 | 29. | 34 | 34 | 95. | 30 | 36 | 95.000 | 1985. | 13.20 | 74.62 | L |
| | 41 | KOVA | 104.90 | 29. | 30 | 31 | 95. | 27 | 58 | .000 | 0. | 12.88 | 54.12 | A |
| | 42 | KOVA | 104.90 | 29. | 39 | 54 | 95. | 45 | 28 | 2.550 | 433. | 25.70 | 94.09 | L |
| | 43 | K285 | 104.90 | 29. | 45 | 30 | 95. | 22 | 3 | .052 | 1050. | 9.12 | 144.59 | C |
| | 44 | K285 | 104.90 | 29. | 54 | 22 | 95. | 31 | 25 | .060 | 413. | 21.11 | 140.55 | L |
| * | 45 | PROP | 104.90 | 29. | 39 | 11 | 95. | 26 | 35 | 25.000 | 420. | 9.29 | 96.90 | P |
| | 46 | KHCB | 105.70 | 29. | 34 | 6 | 95. | 29 | 57 | 100.000 | 1677. | 12.79 | 71.93 | L |
| | 47 | KQQK | 106.50 | 29. | 18 | 0 | 95. | 6 | 40 | 100.000 | 1342. | 21.64 | 338.03 | L |
| | 48 | KKHT | 106.90 | 30. | 13 | 53 | 95. | 7 | 26 | 100.000 | 1998. | 36.57 | 191.67 | L |
| | 49 | KTBZ | 107.50 | 29. | 17 | 16 | 95. | 13 | 53 | 95.000 | 1982. | 20.88 | 355.02 | L |
| | 50 | VEFD | 109.40 | 29. | 36 | 15 | 95. | 10 | 15 | .050 | 49. | 5.29 | 290.08 | V |
| | 51 | VMHF | 113.60 | 29. | 32 | 47 | 94. | 44 | 51 | .150 | 29. | 27.57 | 281.05 | V |
| | 52 | VIAH | 116.60 | 29. | 57 | 25 | 95. | 20 | 45 | .150 | 361. | 19.79 | 167.89 | V |
| | 53 | VHUB | 117.60 | 29. | 39 | 1 | 95. | 16 | 44 | .150 | 85. | 1.16 | 144.95 | V |

Interference thresholds are computed using the following:

Type of navaid antenna: 8 Element LPD 17 dB Gain
Type of service volume: U. S. Standard

Listing of A2/B2 Evaluations

| Freq (MHz) | ID | Call | Offset (MHz) | #Pts |
|---|---|---|---|---|

No A2/B2 points found.

There are no 2-signal intermodulation (B1) combinations for this data file.

Listing of 3-signal intermodulation (B1) combinations

| Freq 1 (MHz) | ID | Call | Freq 2 (MHz) | ID | Call | Freq 3 (MHz) | ID | Call | IMod (MHz) | Offset (KHz) | #Pts |
|---|---|---|---|---|---|---|---|---|---|---|---|

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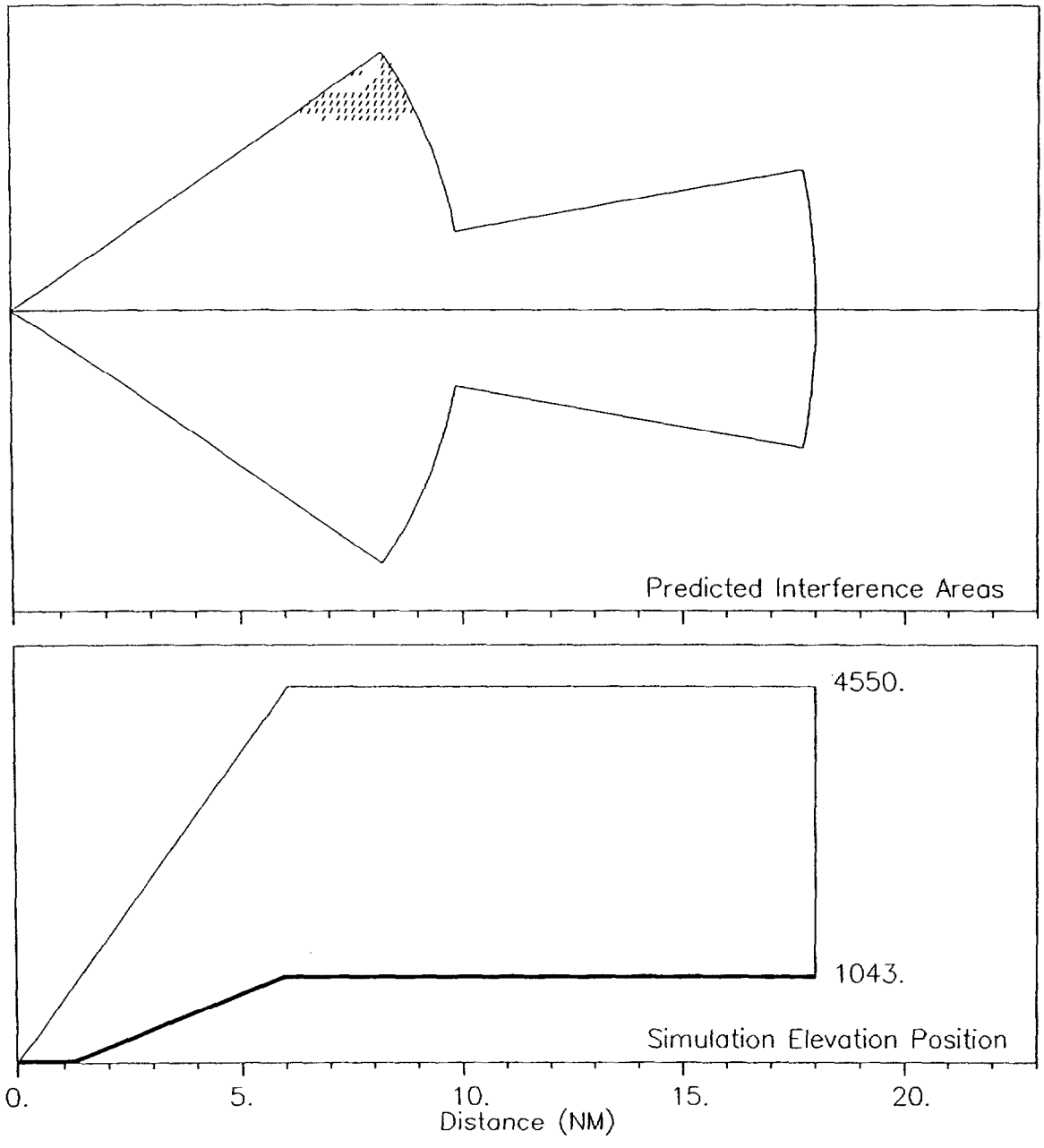
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 107.50 | ( 49) | KTBZ | 104.90 | ( 45) | PROP | 101.10 | ( 34) | KLOL | 111.30 | 0 | 68 |

Note: Some 3-signal B1 points masked by A2/B2 interference.




Airspace case #: 99-JPA-061999 Site: 6 NORTH
Date: 061999 Plot filename: 1D_19_0Y.plt
Intermod (B1) plot: KTBZ ( 49), PROP ( 45), & KLOL ( 34)
Frequencies: KTBZ = 107.50 MHz PROP = 104.90 MHz KLOL = 101.10 MHz
Navaid: PRQ Frequency: 111.30 MHz Elevation (ft MSL): 43.
Runway heading: 134.0
Grid orientation: Bottom of service volume