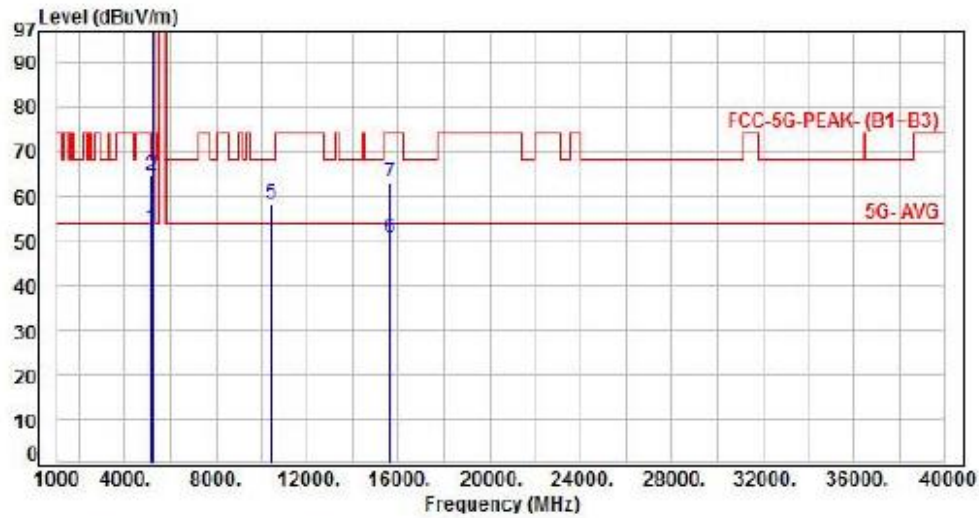




Non BeamForming-Sector Antenna

| | | | | | |
|-----------|---|----------------------|-----------|---|------------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | HORIZONTAL |
| Test Mode | : | Mode 2, Band 1, CH40 | | : | |



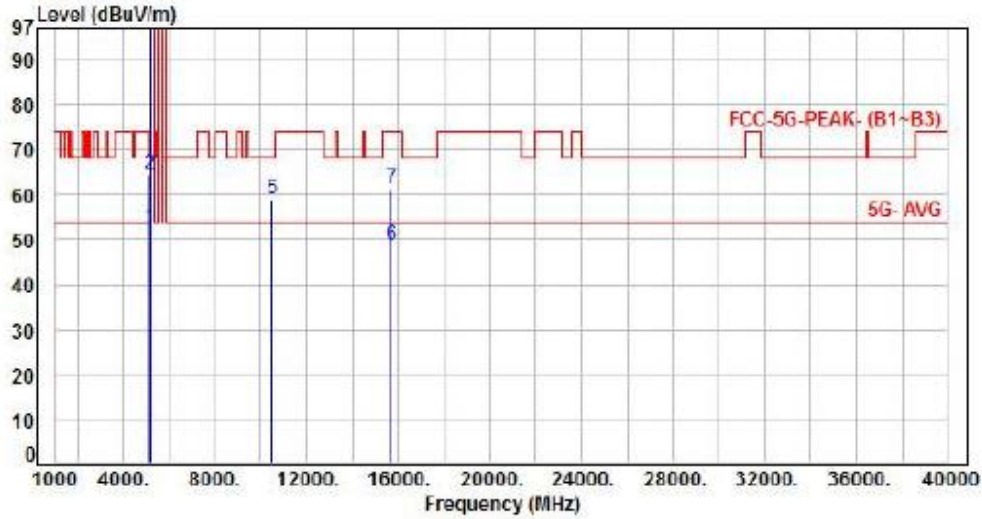
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5150.00 | 6.70 | 45.91 | 52.61 | 54.00 | -1.39 | Average | 159 | 300 | P |
| 2 | 5150.00 | 6.70 | 57.97 | 64.67 | 74.00 | -9.33 | Peak | 159 | 300 | P |
| 3 | 5200.00 | 6.95 | 108.90 | 115.85 | 200.00 | -84.15 | Average | 159 | 300 | P |
| 4 | 5200.00 | 6.95 | 121.87 | 128.82 | 200.00 | -71.18 | Peak | 159 | 300 | P |
| 5 | 10400.00 | 15.75 | 42.64 | 58.39 | 68.20 | -9.81 | Peak | 100 | 337 | P |
| 6 | 15600.00 | 19.55 | 30.99 | 50.54 | 54.00 | -3.46 | Average | 100 | 246 | P |
| 7 | 15600.00 | 19.55 | 43.69 | 63.24 | 74.00 | -10.76 | Peak | 100 | 246 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | | | |
|-----------|---|----------------------|-----------|---|----------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | VERTICAL |
| Test Mode | : | Mode 2, Band 1, CH48 | | : | |



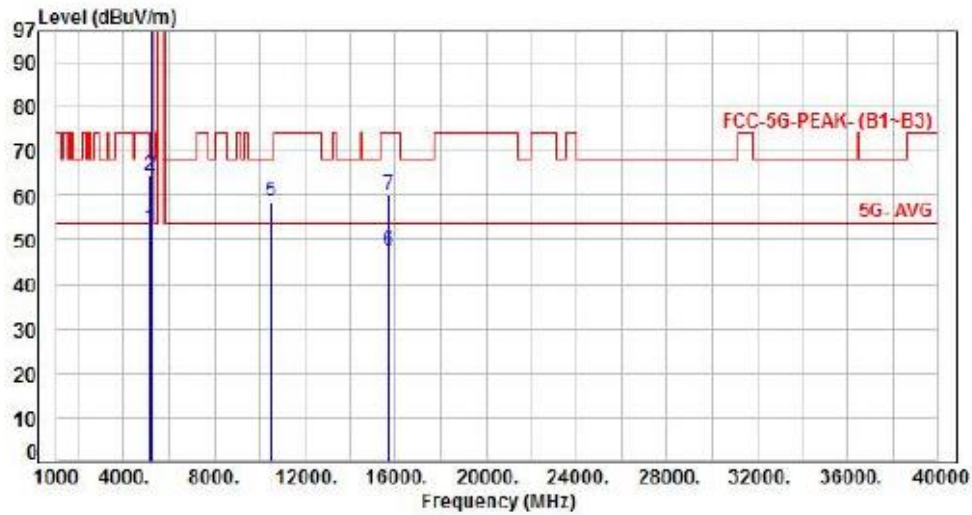
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5150.00 | 6.70 | 46.08 | 52.78 | 54.00 | -1.22 | Average | 159 | 320 | P |
| 2 | 5150.00 | 6.70 | 57.82 | 64.52 | 74.00 | -9.48 | Peak | 159 | 320 | P |
| 3 | 5240.00 | 7.00 | 110.58 | 117.58 | 200.00 | -82.42 | Average | 159 | 320 | P |
| 4 | 5240.00 | 7.00 | 124.40 | 131.40 | 200.00 | -68.60 | Peak | 159 | 320 | P |
| 5 | 10480.00 | 15.88 | 43.08 | 58.96 | 68.20 | -9.24 | Peak | 100 | 114 | P |
| 6 | 15720.00 | 19.16 | 29.46 | 48.62 | 54.00 | -5.38 | Average | 100 | 314 | P |
| 7 | 15720.00 | 19.16 | 42.13 | 61.29 | 74.00 | -12.71 | Peak | 100 | 314 | P |

Note: Level=Reading+Factor
 Margin=Level-Limit
 Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | | | |
|-----------|---|----------------------|-----------|---|------------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | HORIZONTAL |
| Test Mode | : | Mode 2, Band 1, CH48 | | : | |



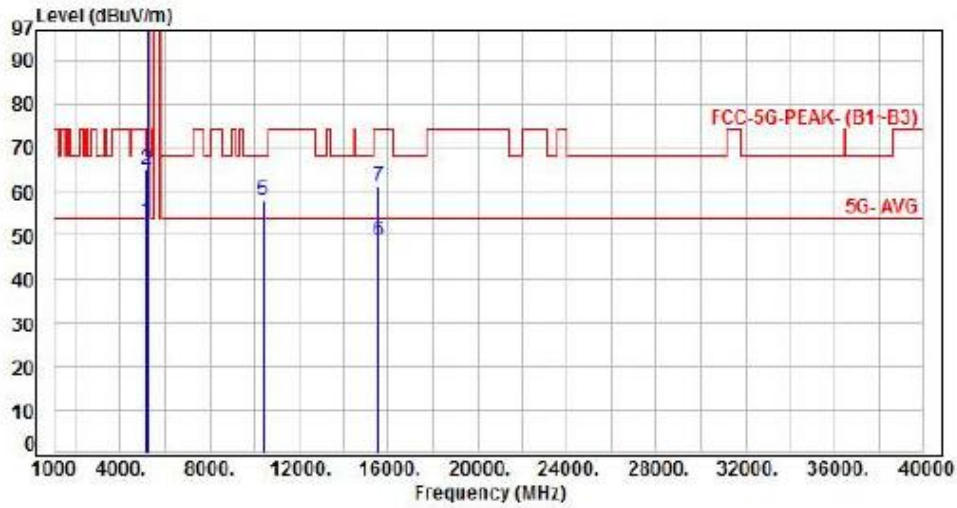
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5150.00 | 6.70 | 45.87 | 52.57 | 54.00 | -1.43 | Average | 156 | 321 | P |
| 2 | 5150.00 | 6.70 | 58.03 | 64.73 | 74.00 | -9.27 | Peak | 156 | 321 | P |
| 3 | 5240.00 | 7.00 | 109.25 | 116.25 | 200.00 | -83.75 | Average | 156 | 321 | P |
| 4 | 5240.00 | 7.00 | 122.67 | 129.67 | 200.00 | -70.33 | Peak | 156 | 321 | P |
| 5 | 10480.00 | 15.00 | 42.65 | 50.53 | 60.20 | -9.67 | Peak | 100 | 224 | P |
| 6 | 15720.00 | 19.16 | 28.45 | 47.62 | 54.00 | -6.38 | Average | 100 | 116 | P |
| 7 | 15720.00 | 19.16 | 41.12 | 60.28 | 74.00 | -13.72 | Peak | 100 | 116 | P |

Note: Level=Reading+Factor
 Margin=Level-Limit
 Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | | | |
|-----------|---|----------------------|-----------|---|----------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | VERTICAL |
| Test Mode | : | Mode 3, Band 1, CH38 | | : | |



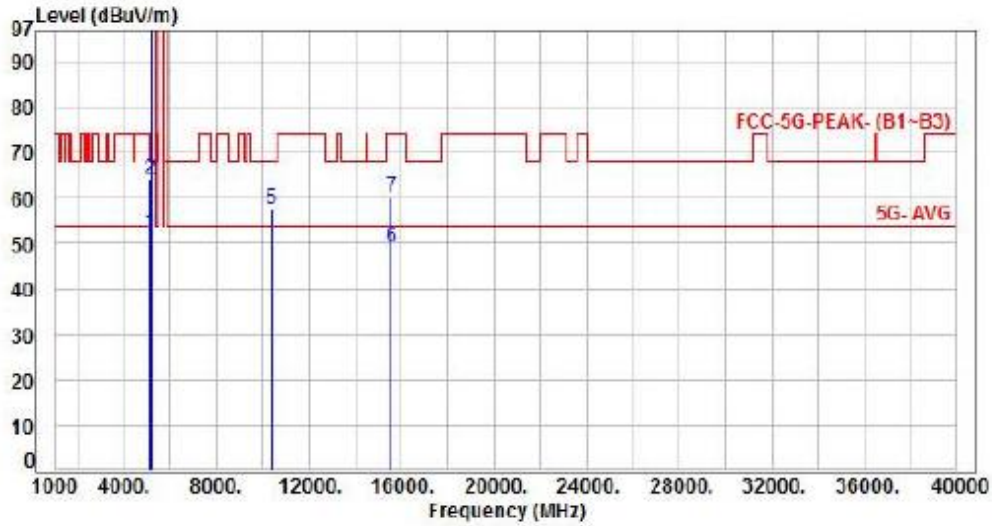
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5150.00 | 6.70 | 46.24 | 52.94 | 54.00 | -1.06 | Average | 157 | 312 | P |
| 2 | 5150.00 | 6.70 | 58.20 | 64.90 | 74.00 | -9.10 | Peak | 157 | 312 | P |
| 3 | 5190.00 | 6.90 | 101.28 | 108.18 | 200.00 | -91.82 | Average | 157 | 312 | P |
| 4 | 5190.00 | 6.90 | 113.81 | 120.71 | 200.00 | -79.29 | Peak | 157 | 312 | P |
| 5 | 10380.00 | 15.00 | 42.14 | 57.14 | 68.20 | -10.26 | Peak | 100 | 64 | P |
| 6 | 15570.00 | 19.56 | 28.95 | 48.51 | 54.00 | -5.49 | Average | 100 | 236 | P |
| 7 | 15570.00 | 19.56 | 41.63 | 61.19 | 74.00 | -12.81 | Peak | 100 | 236 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | | | |
|-----------|---|----------------------|-----------|---|------------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | HORIZONTAL |
| Test Mode | : | Mode 3, Band 1, CH38 | | : | |



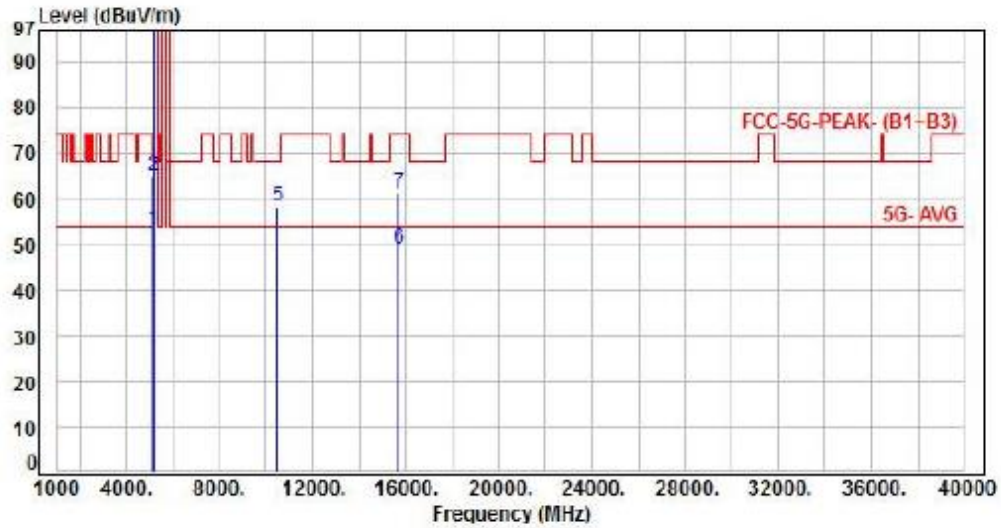
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5150.00 | 6.70 | 45.62 | 52.32 | 54.00 | -1.68 | Average | 154 | 310 | P |
| 2 | 5150.00 | 6.70 | 57.37 | 64.07 | 74.00 | -9.93 | Peak | 154 | 310 | P |
| 3 | 5190.00 | 6.90 | 100.91 | 107.81 | 200.00 | -92.19 | Average | 154 | 310 | P |
| 4 | 5190.00 | 6.90 | 112.99 | 119.89 | 200.00 | -80.11 | Peak | 154 | 310 | P |
| 5 | 10380.00 | 15.00 | 41.61 | 57.41 | 68.20 | -10.79 | Peak | 100 | 229 | P |
| 6 | 15570.00 | 19.56 | 29.45 | 49.01 | 54.00 | -4.99 | Average | 100 | 314 | P |
| 7 | 15570.00 | 19.56 | 40.66 | 60.22 | 74.00 | -13.78 | Peak | 100 | 314 | P |

Note: Level=Reading+Factor
 Margin=Level-Limit
 Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | |
|-----------|------------------------|-----------|------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : VERTICAL |
| Test Mode | : Mode 3, Band 1, CH46 | | : |



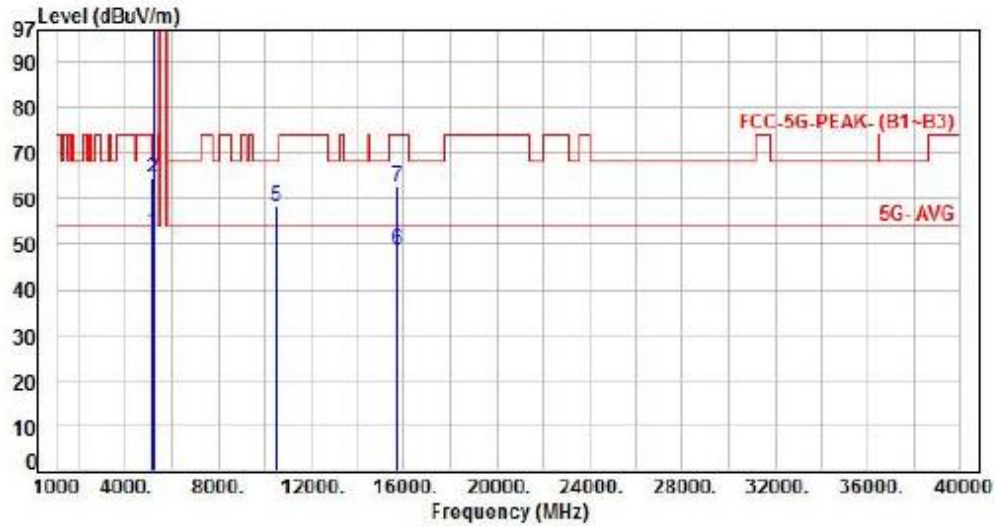
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5150.00 | 6.70 | 46.26 | 52.96 | 54.00 | -1.04 | Average | 162 | 317 | P |
| 2 | 5150.00 | 6.70 | 58.26 | 64.96 | 74.00 | -9.04 | Peak | 162 | 317 | P |
| 3 | 5230.00 | 6.99 | 107.87 | 114.85 | 200.00 | -85.14 | Average | 162 | 317 | P |
| 4 | 5230.00 | 6.99 | 120.45 | 127.44 | 200.00 | -72.56 | Peak | 162 | 317 | P |
| 5 | 10460.00 | 15.77 | 42.45 | 58.22 | 68.20 | -9.98 | Peak | 100 | 314 | P |
| 6 | 15690.00 | 19.35 | 29.63 | 48.98 | 54.00 | -5.02 | Average | 100 | 146 | P |
| 7 | 15690.00 | 19.35 | 41.94 | 61.29 | 74.00 | -12.71 | Peak | 100 | 146 | P |

Note: Level=Reading+Factor
Margin=Level-limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | | | |
|-----------|---|----------------------|-----------|---|------------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | HORIZONTAL |
| Test Mode | : | Mode 3, Band 1, CH46 | | : | |



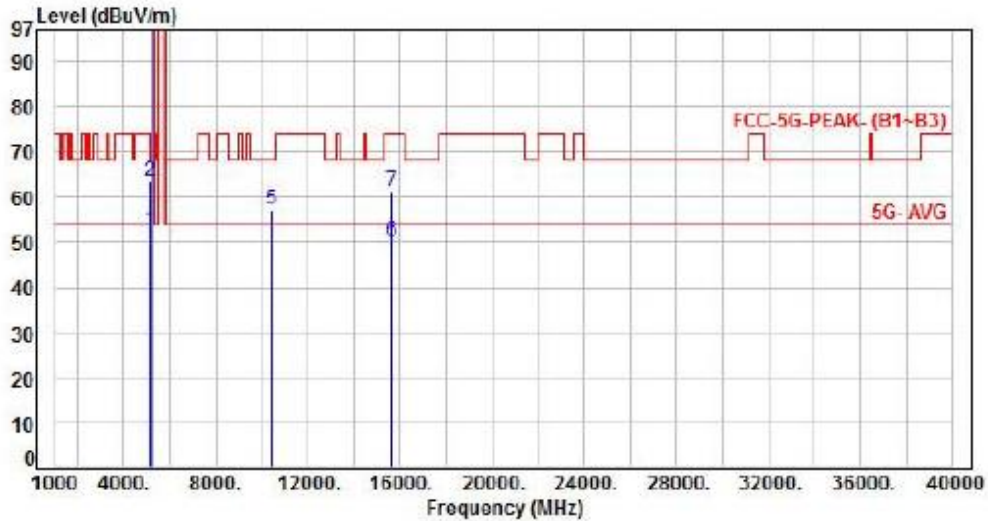
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5150.00 | 6.70 | 46.05 | 52.75 | 54.00 | -1.25 | Average | 162 | 323 | P |
| 2 | 5150.00 | 6.70 | 57.99 | 64.69 | 74.00 | -9.31 | Peak | 162 | 323 | P |
| 3 | 5230.00 | 6.99 | 106.45 | 113.44 | 200.00 | -86.56 | Average | 162 | 323 | P |
| 4 | 5230.00 | 6.99 | 119.33 | 126.32 | 200.00 | -73.68 | Peak | 162 | 323 | P |
| 5 | 10460.00 | 15.77 | 42.62 | 58.39 | 68.20 | -9.81 | Peak | 100 | 119 | P |
| 6 | 15690.00 | 19.35 | 29.45 | 48.80 | 54.00 | -5.20 | Average | 100 | 360 | P |
| 7 | 15690.00 | 19.35 | 43.17 | 62.52 | 74.00 | -11.48 | Peak | 100 | 360 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | |
|-----------|------------------------|-----------|------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : VERTICAL |
| Test Mode | : Mode 4, Band 1, CH42 | | |



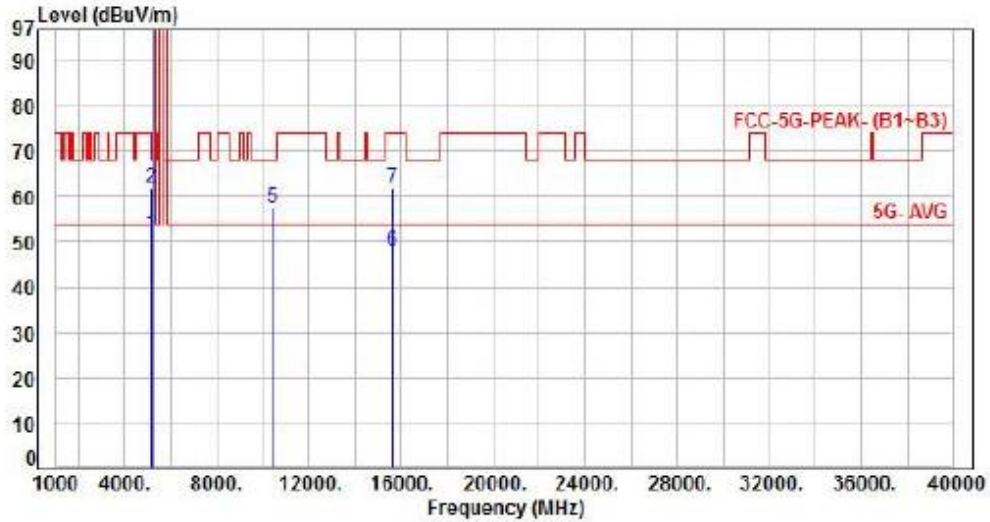
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5150.00 | 6.70 | 46.05 | 52.75 | 54.00 | -1.25 | Average | 158 | 316 | P |
| 2 | 5150.00 | 6.70 | 56.91 | 63.61 | 74.00 | -10.39 | Peak | 158 | 316 | P |
| 3 | 5210.00 | 6.97 | 97.37 | 104.34 | 200.00 | -95.66 | Average | 158 | 316 | P |
| 4 | 5210.00 | 6.97 | 109.83 | 116.80 | 200.00 | -83.20 | Peak | 158 | 316 | P |
| 5 | 10420.00 | 15.74 | 41.28 | 57.02 | 68.20 | -11.18 | Peak | 100 | 139 | P |
| 6 | 15630.00 | 19.48 | 30.64 | 50.12 | 54.00 | -3.88 | Average | 100 | 341 | P |
| 7 | 15630.00 | 19.48 | 41.85 | 61.33 | 74.00 | -12.67 | Peak | 100 | 341 | P |

Note: Level=Reading+Factor
 Margin=Level-Limit
 Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | |
|-----------|------------------------|-----------|--------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : HORIZONTAL |
| Test Mode | : Mode 4, Band 1, CH42 | | : |



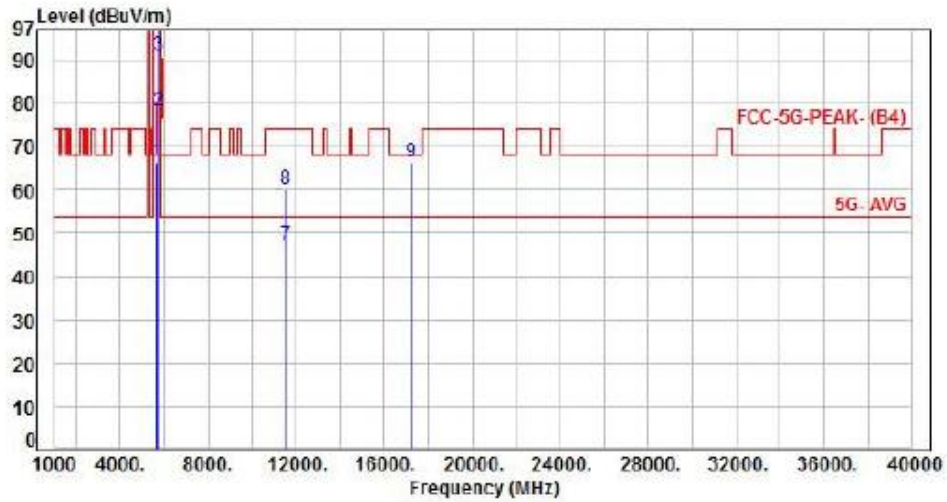
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5150.00 | 6.70 | 44.96 | 51.66 | 54.00 | -2.34 | Average | 158 | 322 | P |
| 2 | 5150.00 | 6.70 | 55.37 | 62.07 | 74.00 | -11.93 | Peak | 158 | 322 | P |
| 3 | 5210.00 | 6.97 | 96.70 | 103.67 | 200.00 | -96.33 | Average | 150 | 322 | P |
| 4 | 5210.00 | 6.97 | 109.23 | 116.20 | 200.00 | -83.80 | Peak | 150 | 322 | P |
| 5 | 10420.00 | 15.74 | 41.94 | 57.68 | 68.20 | -10.52 | Peak | 100 | 113 | P |
| 6 | 15630.00 | 19.48 | 28.52 | 48.00 | 54.00 | -6.00 | Average | 100 | 337 | P |
| 7 | 15630.00 | 19.48 | 42.31 | 61.79 | 74.00 | -12.21 | Peak | 100 | 337 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | | | |
|-----------|---|-----------------------|-----------|---|----------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | VERTICAL |
| Test Mode | : | Mode 1, Band 4, CH149 | | : | |



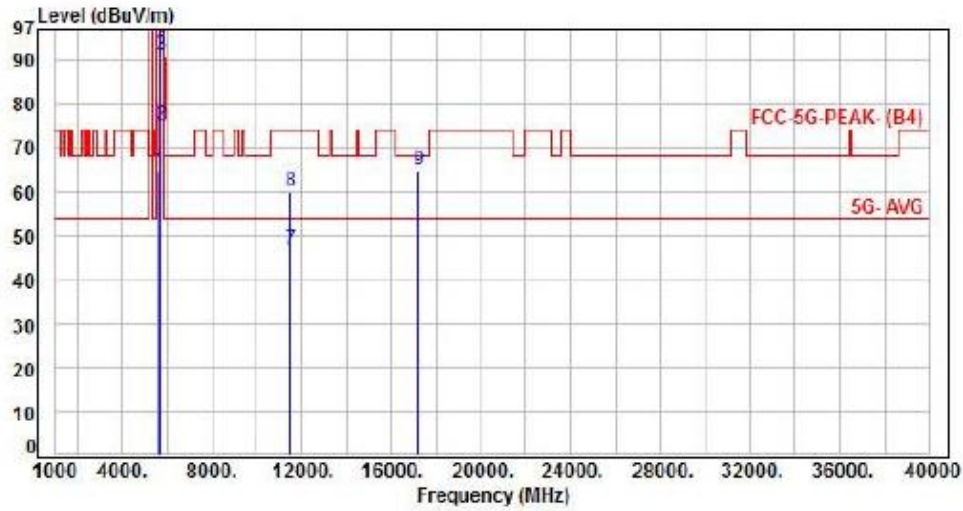
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5650.00 | 7.35 | 59.13 | 66.48 | 68.20 | -1.72 | Peak | 157 | 312 | P |
| 2 | 5700.00 | 7.37 | 71.00 | 78.37 | 105.20 | -26.83 | Peak | 157 | 312 | P |
| 3 | 5720.00 | 7.34 | 83.61 | 90.95 | 110.80 | -19.85 | Peak | 157 | 312 | P |
| 4 | 5725.00 | 7.33 | 88.48 | 95.81 | 122.20 | -26.39 | Peak | 157 | 312 | P |
| 5 | 5745.00 | 7.30 | 115.82 | 123.12 | 200.00 | -76.88 | Average | 157 | 312 | P |
| 6 | 5745.00 | 7.30 | 125.70 | 133.00 | 200.00 | -67.00 | Peak | 157 | 312 | P |
| 7 | 11490.00 | 17.63 | 29.64 | 47.27 | 54.00 | -6.73 | Average | 100 | 314 | P |
| 8 | 11490.00 | 17.63 | 42.61 | 60.24 | 74.00 | -13.76 | Peak | 100 | 314 | P |
| 9 | 17235.00 | 23.62 | 42.90 | 66.52 | 68.20 | -1.68 | Peak | 100 | 314 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | | | |
|-----------|---|-----------------------|-----------|---|------------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | HORIZONTAL |
| Test Mode | : | Mode 1, Band 4, CH149 | | : | |



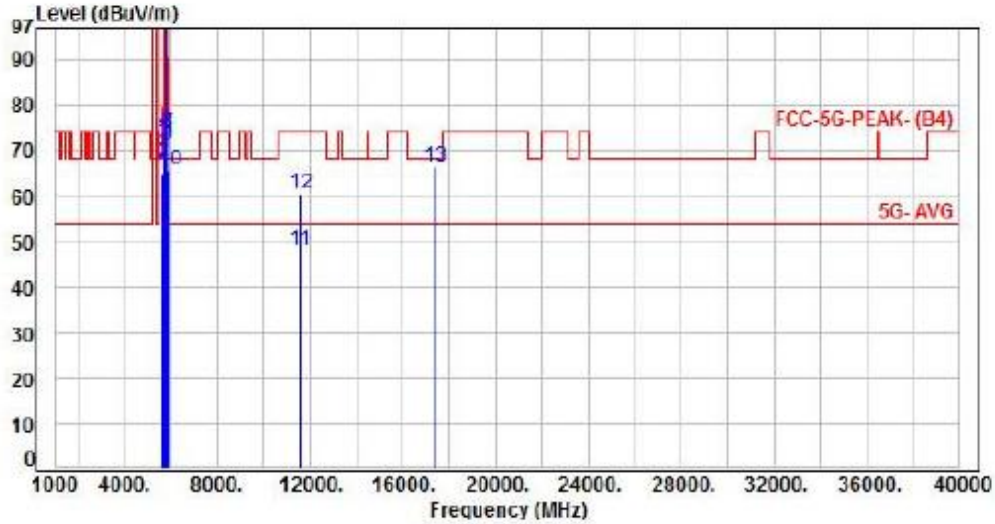
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5650.00 | 7.35 | 57.64 | 64.99 | 68.20 | -3.21 | Peak | 305 | 152 | P |
| 2 | 5700.00 | 7.37 | 67.74 | 75.11 | 105.20 | -30.09 | Peak | 305 | 152 | P |
| 3 | 5720.00 | 7.34 | 83.91 | 91.25 | 110.80 | -19.55 | Peak | 305 | 152 | P |
| 4 | 5725.00 | 7.33 | 87.75 | 95.08 | 122.20 | -27.12 | Peak | 305 | 152 | P |
| 5 | 5745.00 | 7.30 | 112.43 | 119.73 | 200.00 | -80.27 | Average | 305 | 152 | P |
| 6 | 5745.00 | 7.30 | 122.12 | 129.42 | 200.00 | -70.58 | Peak | 305 | 152 | P |
| 7 | 11490.00 | 17.63 | 29.33 | 46.96 | 54.00 | -7.04 | Average | 100 | 267 | P |
| 8 | 11490.00 | 17.63 | 42.31 | 59.94 | 74.00 | -14.06 | Peak | 100 | 267 | P |
| 9 | 17235.00 | 23.62 | 41.18 | 64.80 | 68.20 | -3.40 | Peak | 100 | 311 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | | | |
|-----------|---|-----------------------|-----------|---|----------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | VERTICAL |
| Test Mode | : | Mode 1, Band 4, CH157 | | : | |



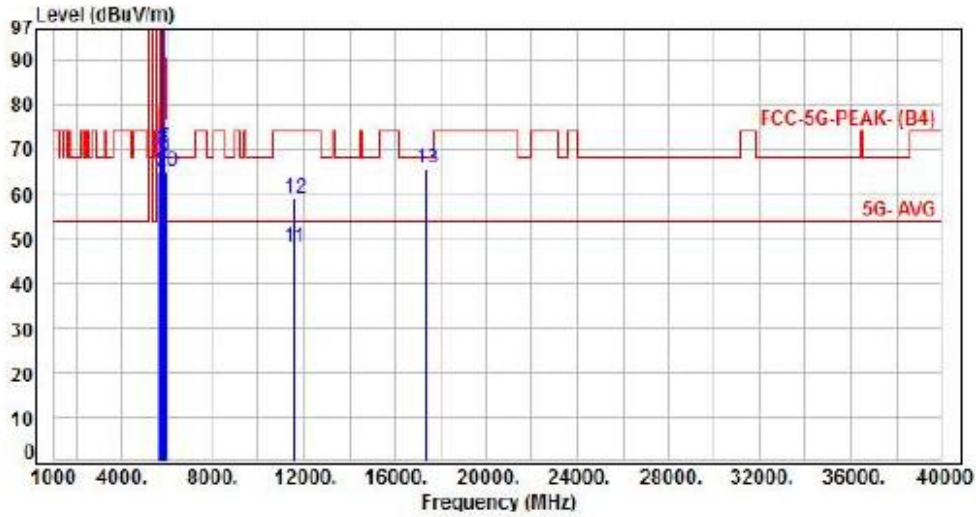
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5650.00 | 7.35 | 57.49 | 64.84 | 68.20 | -3.36 | Peak | 152 | 314 | P |
| 2 | 5700.00 | 7.37 | 59.94 | 67.31 | 105.20 | -37.89 | Peak | 152 | 314 | P |
| 3 | 5720.00 | 7.34 | 64.10 | 71.44 | 110.80 | -39.36 | Peak | 152 | 314 | P |
| 4 | 5725.00 | 7.33 | 66.86 | 74.19 | 122.20 | -48.01 | Peak | 152 | 314 | P |
| 5 | 5785.00 | 7.37 | 115.05 | 122.42 | 200.00 | -77.58 | Average | 152 | 314 | P |
| 6 | 5785.00 | 7.37 | 124.05 | 131.42 | 200.00 | -68.58 | Peak | 152 | 314 | P |
| 7 | 5850.00 | 7.43 | 66.50 | 73.93 | 122.20 | -48.27 | Peak | 152 | 314 | P |
| 8 | 5855.00 | 7.45 | 66.49 | 73.94 | 110.80 | -36.86 | Peak | 152 | 314 | P |
| 9 | 5875.00 | 7.54 | 63.49 | 71.03 | 105.20 | -34.17 | Peak | 152 | 314 | P |
| 10 | 5925.00 | 7.66 | 58.14 | 65.80 | 68.20 | -2.40 | Peak | 152 | 314 | P |
| 11 | 11570.00 | 17.83 | 30.12 | 47.95 | 54.00 | -6.05 | Average | 100 | 163 | P |
| 12 | 11570.00 | 17.83 | 42.54 | 60.37 | 74.00 | -13.63 | Peak | 100 | 163 | P |
| 13 | 17355.00 | 24.42 | 42.13 | 66.55 | 68.20 | -1.65 | Peak | 100 | 111 | P |

Note: Level=Reading+Factor
 Margin=Level-Limit
 Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | | | |
|-----------|---|-----------------------|-----------|---|------------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | HORIZONTAL |
| Test Mode | : | Mode 1, Band 4, CH157 | | : | |



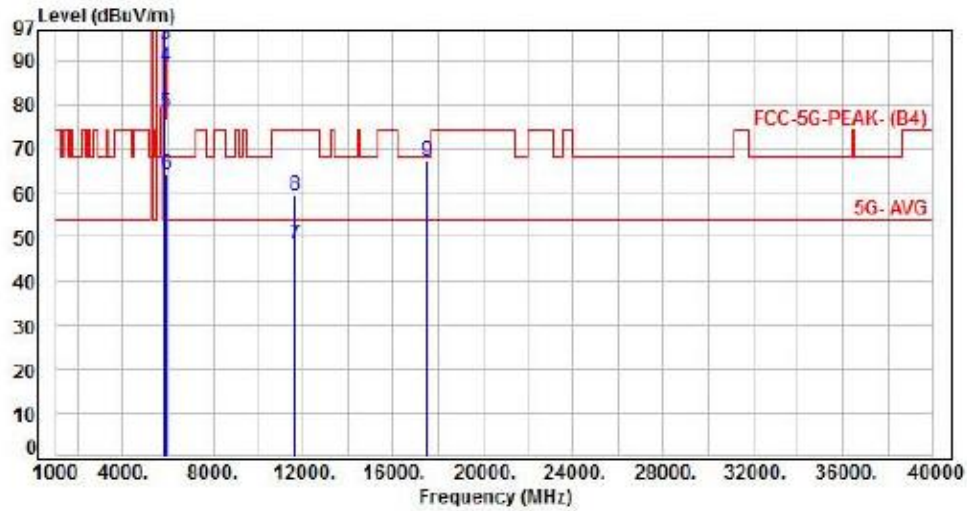
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5650.00 | 7.35 | 57.67 | 65.02 | 68.20 | -3.18 | Peak | 152 | 310 | P |
| 2 | 5700.00 | 7.37 | 57.68 | 65.05 | 105.20 | -40.15 | Peak | 152 | 310 | P |
| 3 | 5720.00 | 7.34 | 62.55 | 69.89 | 110.80 | -40.91 | Peak | 152 | 310 | P |
| 4 | 5725.00 | 7.33 | 62.73 | 70.06 | 122.20 | -52.14 | Peak | 152 | 310 | P |
| 5 | 5785.00 | 7.37 | 112.53 | 119.90 | 200.00 | -80.10 | Average | 152 | 310 | P |
| 6 | 5785.00 | 7.37 | 122.56 | 129.93 | 200.00 | -70.07 | Peak | 152 | 310 | P |
| 7 | 5850.00 | 7.43 | 63.10 | 70.53 | 122.20 | -51.67 | Peak | 152 | 310 | P |
| 8 | 5855.00 | 7.45 | 61.11 | 68.56 | 110.80 | -42.24 | Peak | 152 | 310 | P |
| 9 | 5875.00 | 7.54 | 60.16 | 67.70 | 105.20 | -37.50 | Peak | 152 | 310 | P |
| 10 | 5925.00 | 7.66 | 57.13 | 64.79 | 68.20 | -3.41 | Peak | 152 | 310 | P |
| 11 | 11570.00 | 17.83 | 30.15 | 47.98 | 54.00 | -6.02 | Average | 100 | 267 | P |
| 12 | 11570.00 | 17.83 | 41.31 | 59.14 | 74.00 | -14.86 | Peak | 100 | 267 | P |
| 13 | 17355.00 | 24.42 | 41.36 | 65.78 | 68.20 | -2.42 | Peak | 100 | 334 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | | | |
|-----------|---|-----------------------|-----------|---|----------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | VERTICAL |
| Test Mode | : | Mode 1, Band 4, CH165 | | : | |



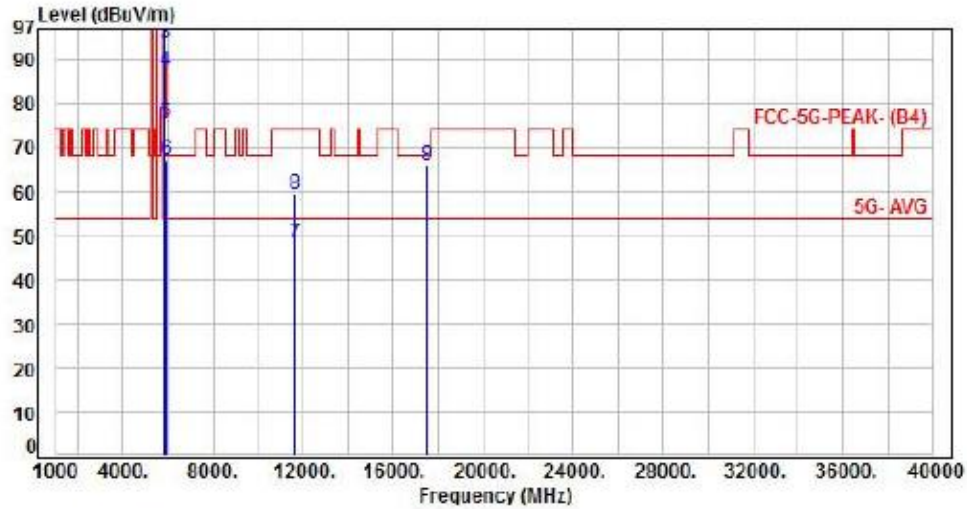
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5825.00 | 7.42 | 115.95 | 123.37 | 200.00 | -76.63 | Average | 153 | 314 | P |
| 2 | 5825.00 | 7.42 | 126.25 | 133.67 | 200.00 | -66.33 | Peak | 153 | 314 | P |
| 3 | 5850.00 | 7.43 | 86.31 | 93.74 | 122.20 | -28.46 | Peak | 153 | 314 | P |
| 4 | 5855.00 | 7.45 | 80.98 | 88.43 | 110.80 | -22.37 | Peak | 153 | 314 | P |
| 5 | 5875.00 | 7.54 | 70.62 | 78.16 | 105.20 | -27.04 | Peak | 153 | 314 | P |
| 6 | 5925.00 | 7.66 | 56.56 | 64.22 | 68.20 | -3.98 | Peak | 153 | 314 | P |
| 7 | 11650.00 | 17.99 | 30.31 | 48.30 | 54.00 | -5.70 | Average | 100 | 117 | P |
| 8 | 11650.00 | 17.99 | 41.31 | 59.30 | 74.00 | -14.70 | Peak | 100 | 117 | P |
| 9 | 17475.00 | 25.00 | 42.11 | 67.11 | 68.20 | -1.09 | Peak | 100 | 334 | P |

Note: Level=Reading+Factor
 Margin=Level-Limit
 Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | | | |
|-----------|---|-----------------------|-----------|---|------------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | HORIZONTAL |
| Test Mode | : | Mode 1, Band 4, CH165 | | : | |



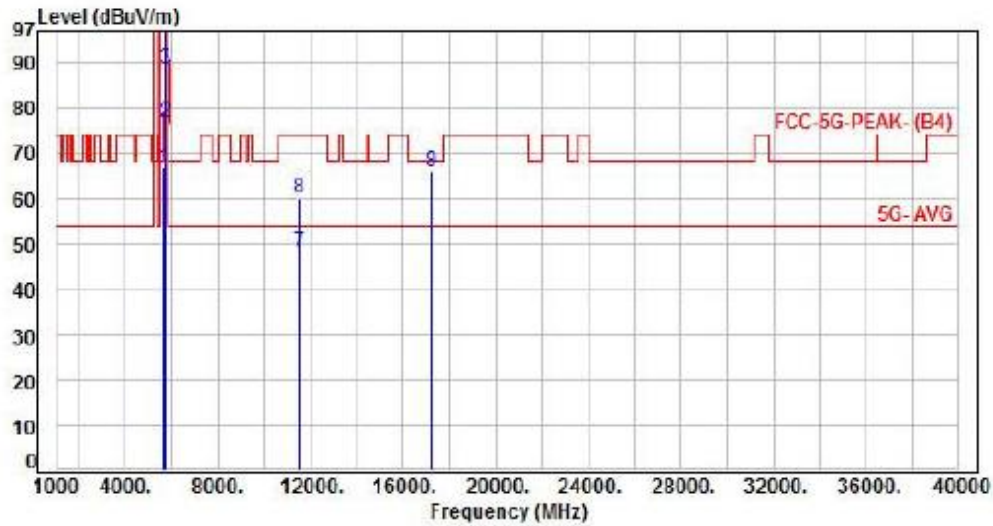
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5825.00 | 7.42 | 113.07 | 120.49 | 200.00 | -79.51 | Average | 152 | 308 | P |
| 2 | 5825.00 | 7.42 | 122.84 | 130.26 | 200.00 | -69.74 | Peak | 152 | 308 | P |
| 3 | 5850.00 | 7.43 | 86.18 | 93.61 | 122.20 | -28.59 | Peak | 152 | 308 | P |
| 4 | 5855.00 | 7.45 | 79.86 | 87.31 | 110.80 | -23.49 | Peak | 152 | 308 | P |
| 5 | 5875.00 | 7.54 | 68.02 | 75.56 | 105.20 | -29.64 | Peak | 152 | 308 | P |
| 6 | 5925.00 | 7.66 | 59.50 | 67.16 | 68.20 | -1.04 | Peak | 152 | 308 | P |
| 7 | 11650.00 | 17.99 | 30.44 | 48.43 | 54.00 | -5.57 | Average | 100 | 347 | P |
| 8 | 11650.00 | 17.99 | 41.29 | 59.28 | 74.00 | -14.72 | Peak | 100 | 347 | P |
| 9 | 17475.00 | 25.00 | 41.11 | 66.11 | 68.20 | -2.09 | Peak | 100 | 347 | P |

Note: Level=Reading+Factor
 Margin=Level-Limit
 Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | | | |
|-----------|---|-----------------------|-----------|---|----------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | VERTICAL |
| Test Mode | : | Mode 2, Band 4, CH149 | | : | |



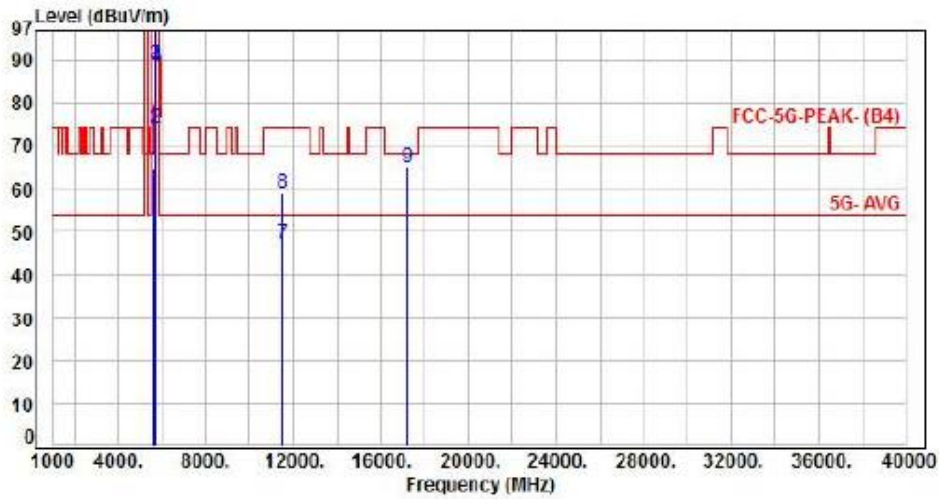
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5650.00 | 7.35 | 59.41 | 66.76 | 68.20 | -1.44 | Peak | 152 | 318 | P |
| 2 | 5700.00 | 7.37 | 69.30 | 76.67 | 105.20 | -28.53 | Peak | 152 | 318 | P |
| 3 | 5720.00 | 7.34 | 81.31 | 88.65 | 110.80 | -22.15 | Peak | 152 | 318 | P |
| 4 | 5725.00 | 7.33 | 89.76 | 97.09 | 122.20 | -25.11 | Peak | 152 | 318 | P |
| 5 | 5745.00 | 7.30 | 114.51 | 121.81 | 200.00 | -78.19 | Average | 152 | 318 | P |
| 6 | 5745.00 | 7.30 | 127.96 | 135.26 | 200.00 | -64.74 | Peak | 152 | 318 | P |
| 7 | 11490.00 | 17.63 | 30.65 | 48.28 | 54.00 | -5.72 | Average | 100 | 248 | P |
| 8 | 11490.00 | 17.63 | 42.58 | 60.21 | 74.00 | -13.79 | Peak | 100 | 248 | P |
| 9 | 17235.00 | 23.62 | 42.42 | 66.04 | 68.20 | -2.16 | Peak | 100 | 316 | P |

Note: Level=Reading+Factor
 Margin=Level-Limit
 Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | | | |
|-----------|---|-----------------------|-----------|---|------------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | HORIZONTAL |
| Test Mode | : | Mode 2, Band 4, CH149 | | : | |



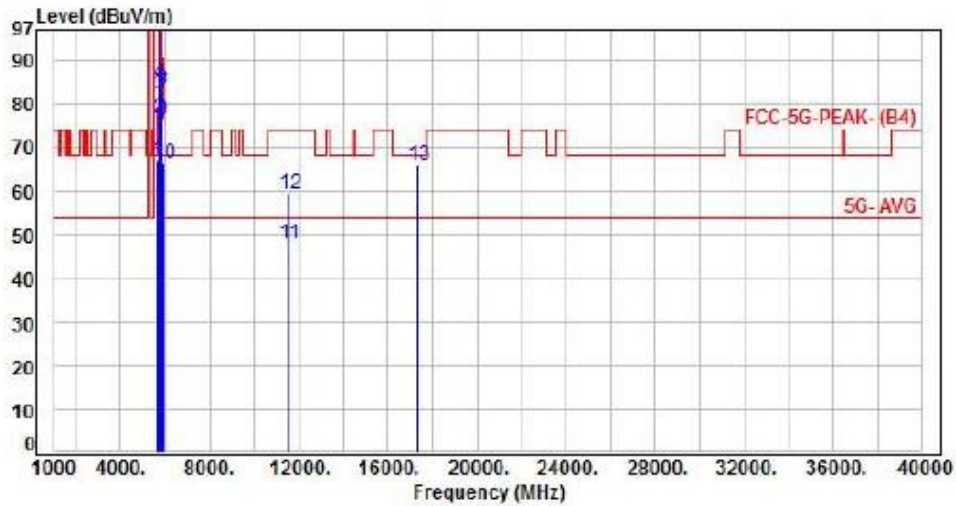
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5650.00 | 7.35 | 57.23 | 64.58 | 68.20 | -3.62 | Peak | 157 | 309 | P |
| 2 | 5700.00 | 7.37 | 66.94 | 74.31 | 105.20 | -30.89 | Peak | 157 | 309 | P |
| 3 | 5720.00 | 7.34 | 81.61 | 88.95 | 110.80 | -21.85 | Peak | 157 | 309 | P |
| 4 | 5725.00 | 7.33 | 81.36 | 88.69 | 122.20 | -33.51 | Peak | 157 | 309 | P |
| 5 | 5745.00 | 7.30 | 111.52 | 118.82 | 200.00 | -81.18 | Average | 157 | 309 | P |
| 6 | 5745.00 | 7.30 | 124.91 | 132.21 | 200.00 | -67.79 | Peak | 157 | 309 | P |
| 7 | 11490.00 | 17.63 | 29.61 | 47.24 | 54.00 | -6.76 | Average | 100 | 269 | P |
| 8 | 11490.00 | 17.63 | 41.25 | 58.88 | 74.00 | -15.12 | Peak | 100 | 269 | P |
| 9 | 17235.00 | 23.62 | 41.24 | 64.86 | 68.20 | -3.34 | Peak | 100 | 314 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | | | |
|-----------|---|-----------------------|-----------|---|----------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | VERTICAL |
| Test Mode | : | Mode 2, Band 4, CH157 | | : | |



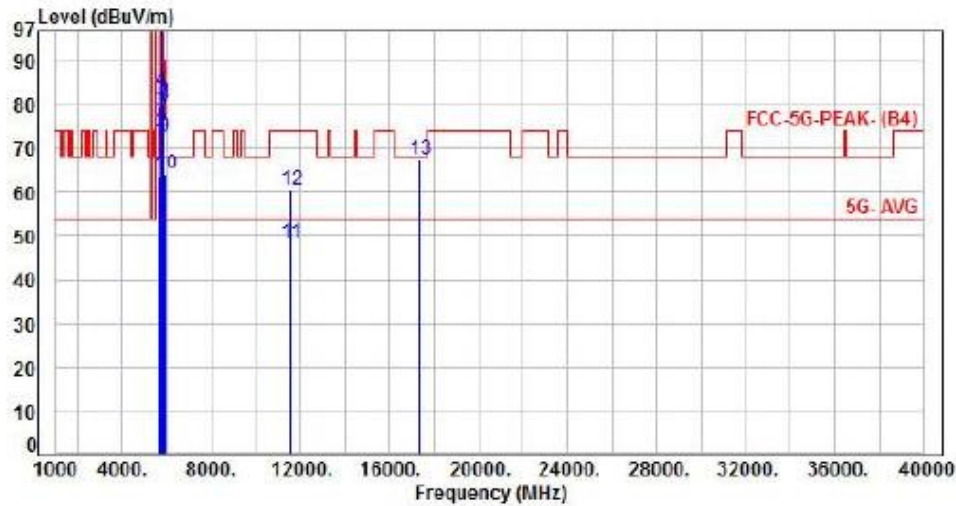
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5650.00 | 7.35 | 59.79 | 67.14 | 68.20 | -1.06 | Peak | 153 | 325 | P |
| 2 | 5700.00 | 7.37 | 69.44 | 76.81 | 105.20 | -28.39 | Peak | 153 | 325 | P |
| 3 | 5720.00 | 7.34 | 74.98 | 82.32 | 110.80 | -28.48 | Peak | 153 | 325 | P |
| 4 | 5725.00 | 7.33 | 77.36 | 84.69 | 122.20 | -37.51 | Peak | 153 | 325 | P |
| 5 | 5785.00 | 7.37 | 116.45 | 123.82 | 200.00 | -76.18 | Average | 153 | 325 | P |
| 6 | 5785.00 | 7.37 | 128.93 | 136.30 | 200.00 | -63.70 | Peak | 153 | 325 | P |
| 7 | 5850.00 | 7.43 | 75.02 | 82.45 | 122.20 | -39.75 | Peak | 153 | 325 | P |
| 8 | 5855.00 | 7.45 | 76.07 | 83.52 | 110.80 | -27.28 | Peak | 153 | 325 | P |
| 9 | 5875.00 | 7.54 | 68.91 | 76.45 | 105.20 | -28.75 | Peak | 153 | 325 | P |
| 10 | 5925.00 | 7.66 | 58.52 | 66.28 | 68.20 | -1.92 | Peak | 153 | 325 | P |
| 11 | 11570.00 | 17.83 | 30.15 | 47.98 | 54.00 | -6.02 | Average | 100 | 314 | P |
| 12 | 11570.00 | 17.83 | 41.46 | 59.29 | 74.00 | -14.71 | Peak | 100 | 314 | P |
| 13 | 17355.00 | 24.42 | 41.60 | 66.02 | 68.20 | -2.18 | Peak | 100 | 314 | P |

Note: Level=Reading+Factor
 Margin=Level-Limit
 Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | | | |
|-----------|---|-----------------------|-----------|---|------------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | HORIZONTAL |
| Test Mode | : | Mode 2, Band 4, CH157 | | : | |



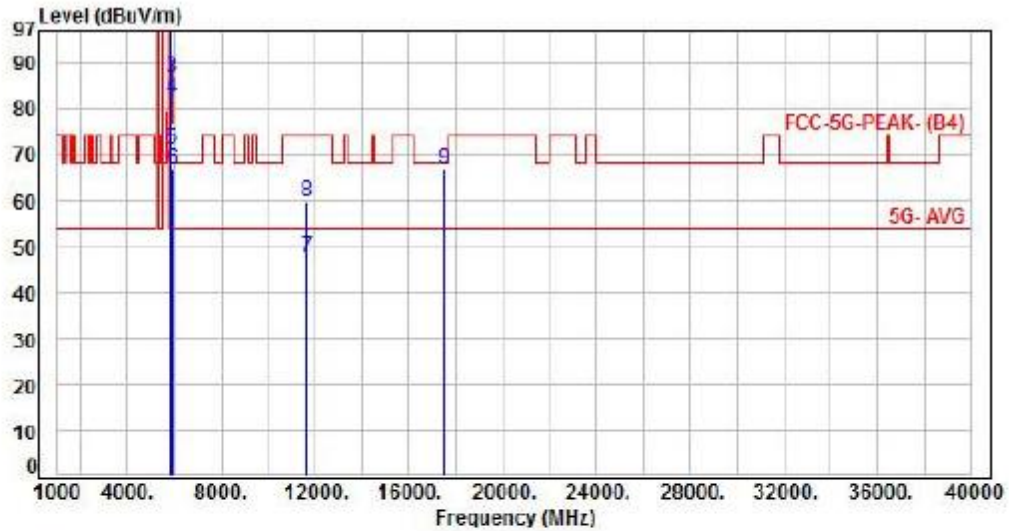
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5650.00 | 7.35 | 56.44 | 63.79 | 68.20 | -4.41 | Peak | 149 | 302 | P |
| 2 | 5700.00 | 7.37 | 66.39 | 73.76 | 105.20 | -31.44 | Peak | 149 | 302 | P |
| 3 | 5720.00 | 7.34 | 71.31 | 78.65 | 110.80 | -32.15 | Peak | 149 | 302 | P |
| 4 | 5725.00 | 7.33 | 76.19 | 83.52 | 122.20 | -38.68 | Peak | 149 | 302 | P |
| 5 | 5785.00 | 7.37 | 111.89 | 119.26 | 200.00 | -80.74 | Average | 149 | 302 | P |
| 6 | 5785.00 | 7.37 | 125.70 | 133.07 | 200.00 | -66.93 | Peak | 149 | 302 | P |
| 7 | 5850.00 | 7.43 | 73.00 | 80.43 | 122.20 | -41.77 | Peak | 149 | 302 | P |
| 8 | 5855.00 | 7.45 | 72.45 | 79.90 | 110.80 | -30.90 | Peak | 149 | 302 | P |
| 9 | 5875.00 | 7.54 | 65.20 | 72.74 | 105.20 | -32.46 | Peak | 149 | 302 | P |
| 10 | 5925.00 | 7.66 | 56.45 | 64.11 | 68.20 | -4.09 | Peak | 149 | 302 | P |
| 11 | 11570.00 | 17.83 | 30.61 | 48.44 | 54.00 | -5.56 | Average | 100 | 334 | P |
| 12 | 11570.00 | 17.83 | 42.61 | 60.44 | 74.00 | -13.56 | Peak | 100 | 334 | P |
| 13 | 17355.00 | 24.42 | 42.91 | 67.33 | 68.20 | -0.87 | Peak | 100 | 124 | P |

Note: Level=Reading+Factor
 Margin=Level-Limit
 Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | | | |
|-----------|---|-----------------------|-----------|---|----------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | VERTICAL |
| Test Mode | : | Mode 2, Band 4, CH165 | | : | |



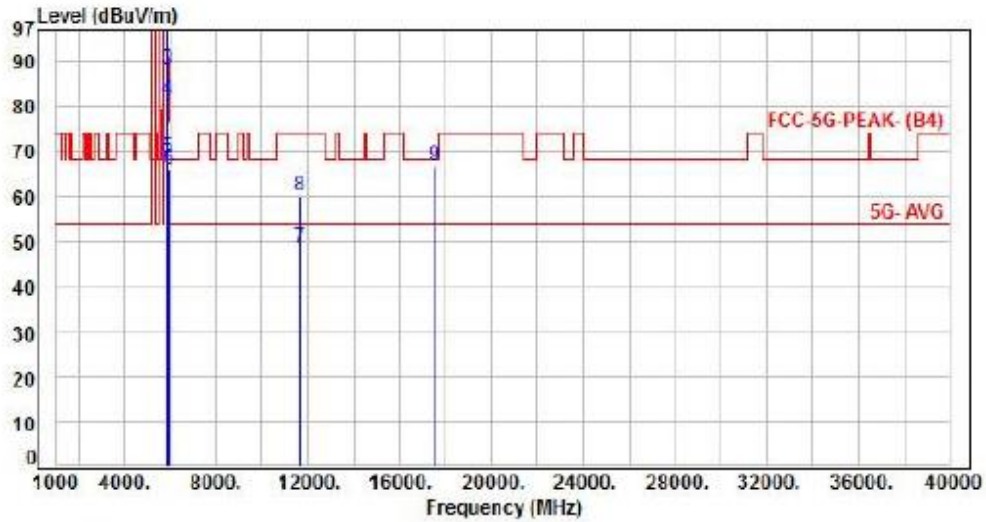
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5825.00 | 7.42 | 112.98 | 120.40 | 200.00 | -79.60 | Average | 157 | 298 | P |
| 2 | 5825.00 | 7.42 | 125.22 | 132.64 | 200.00 | -67.36 | Peak | 157 | 298 | P |
| 3 | 5850.00 | 7.43 | 79.24 | 86.67 | 122.20 | -35.53 | Peak | 157 | 298 | P |
| 4 | 5855.00 | 7.45 | 74.65 | 82.10 | 110.80 | -28.70 | Peak | 157 | 298 | P |
| 5 | 5875.00 | 7.54 | 63.70 | 71.24 | 105.20 | -33.96 | Peak | 157 | 298 | P |
| 6 | 5925.00 | 7.66 | 59.20 | 66.86 | 68.20 | -1.34 | Peak | 157 | 298 | P |
| 7 | 11650.00 | 17.99 | 29.61 | 47.60 | 54.00 | -6.40 | Average | 100 | 114 | P |
| 8 | 11650.00 | 17.99 | 41.60 | 59.59 | 74.00 | -14.41 | Peak | 100 | 114 | P |
| 9 | 17475.00 | 25.00 | 41.61 | 66.61 | 68.20 | -1.59 | Peak | 100 | 114 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | | | |
|-----------|---|-----------------------|-----------|---|------------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | HORIZONTAL |
| Test Mode | : | Mode 2, Band 4, CH165 | | : | |



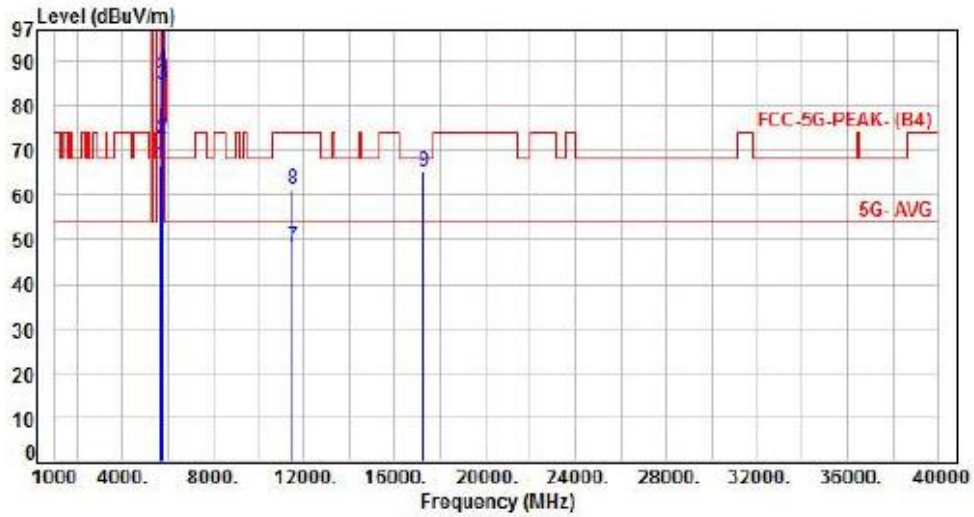
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5825.00 | 7.42 | 110.59 | 118.01 | 200.00 | -81.99 | Average | 151 | 314 | P |
| 2 | 5825.00 | 7.42 | 124.19 | 131.61 | 200.00 | -68.39 | Peak | 151 | 314 | P |
| 3 | 5850.00 | 7.43 | 80.65 | 88.08 | 122.20 | -34.12 | Peak | 151 | 314 | P |
| 4 | 5855.00 | 7.45 | 74.21 | 81.66 | 110.80 | -29.14 | Peak | 151 | 314 | P |
| 5 | 5875.00 | 7.54 | 61.18 | 68.72 | 105.20 | -36.48 | Peak | 151 | 314 | P |
| 6 | 5925.00 | 7.66 | 58.21 | 65.87 | 68.20 | -2.33 | Peak | 151 | 314 | P |
| 7 | 11650.00 | 17.99 | 30.54 | 48.53 | 54.00 | -5.47 | Average | 100 | 119 | P |
| 8 | 11650.00 | 17.99 | 42.11 | 60.10 | 74.00 | -13.90 | Peak | 100 | 119 | P |
| 9 | 17475.00 | 25.00 | 41.91 | 66.91 | 66.20 | -1.29 | Peak | 100 | 337 | P |

Note: Level=Reading+Factor
 Margin=Level-Limit
 Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | | | |
|-----------|---|-----------------------|-----------|---|----------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | VERTICAL |
| Test Mode | : | Mode 3, Band 4, CH151 | | : | |



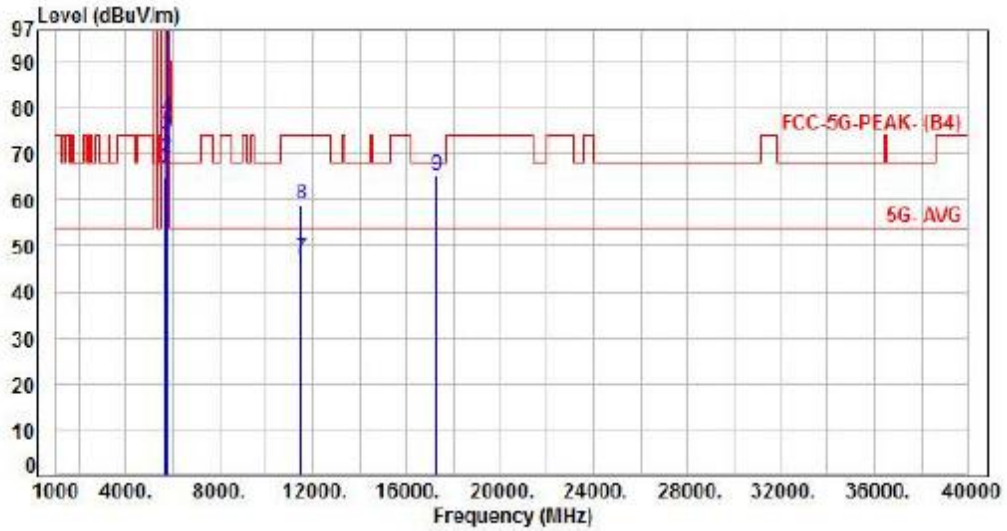
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5650.00 | 7.35 | 59.40 | 66.75 | 68.20 | -1.45 | Peak | 162 | 318 | P |
| 2 | 5700.00 | 7.37 | 65.47 | 72.84 | 105.20 | -32.36 | Peak | 162 | 318 | P |
| 3 | 5720.00 | 7.34 | 77.47 | 84.81 | 110.80 | -25.99 | Peak | 162 | 318 | P |
| 4 | 5725.00 | 7.33 | 80.67 | 88.00 | 122.20 | -34.20 | Peak | 162 | 318 | P |
| 5 | 5755.00 | 7.30 | 109.29 | 116.59 | 200.00 | -83.41 | Average | 162 | 318 | P |
| 6 | 5755.00 | 7.30 | 121.63 | 128.93 | 200.00 | -71.07 | Peak | 162 | 318 | P |
| 7 | 11510.00 | 17.70 | 30.61 | 48.31 | 54.00 | -5.69 | Average | 100 | 117 | P |
| 8 | 11510.00 | 17.70 | 43.40 | 61.10 | 74.00 | -12.90 | Peak | 100 | 117 | P |
| 9 | 17265.00 | 23.77 | 41.61 | 65.38 | 68.20 | -2.82 | Peak | 100 | 239 | P |

Note: Level=Reading+Factor
 Margin=Level-Limit
 Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | | | |
|-----------|---|-----------------------|-----------|---|------------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | HORIZONTAL |
| Test Mode | : | Mode 3, Band 4, CH151 | | : | |



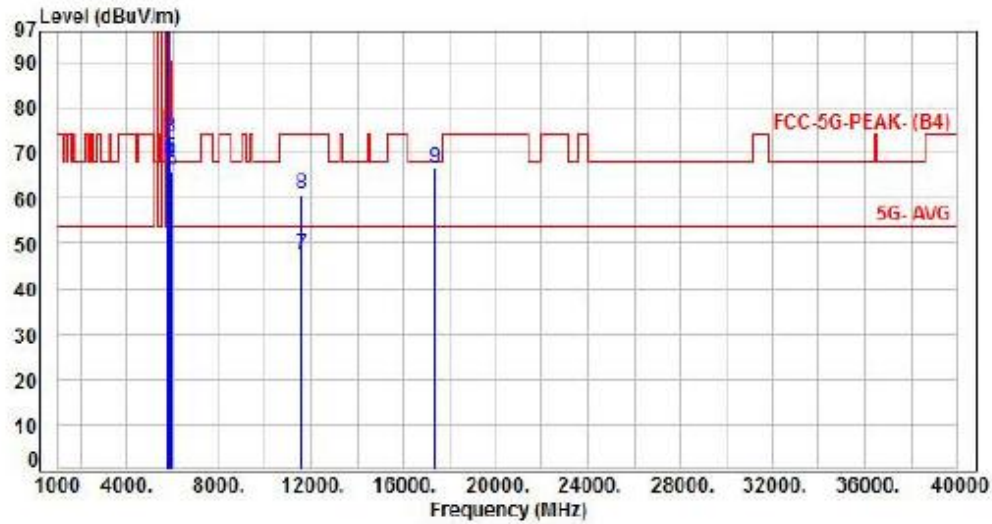
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5650.00 | 7.35 | 57.46 | 64.81 | 68.20 | -3.39 | Peak | 157 | 302 | P |
| 2 | 5700.00 | 7.37 | 61.96 | 69.33 | 105.20 | -35.87 | Peak | 157 | 302 | P |
| 3 | 5720.00 | 7.34 | 66.90 | 74.24 | 110.00 | -36.56 | Peak | 157 | 302 | P |
| 4 | 5725.00 | 7.33 | 70.62 | 77.95 | 122.20 | -44.25 | Peak | 157 | 302 | P |
| 5 | 5755.00 | 7.30 | 105.60 | 112.90 | 200.00 | -87.10 | Average | 157 | 302 | P |
| 6 | 5755.00 | 7.30 | 118.27 | 125.57 | 200.00 | -74.43 | Peak | 157 | 302 | P |
| 7 | 11510.00 | 17.70 | 29.46 | 47.16 | 54.00 | -6.84 | Average | 100 | 255 | P |
| 8 | 11510.00 | 17.70 | 41.31 | 59.01 | 74.00 | -14.99 | Peak | 100 | 255 | P |
| 9 | 17265.00 | 23.77 | 41.33 | 65.10 | 68.20 | -3.10 | Peak | 100 | 118 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | | | |
|-----------|---|-----------------------|-----------|---|------------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | HORIZONTAL |
| Test Mode | : | Mode 3, Band 4, CH159 | | : | |



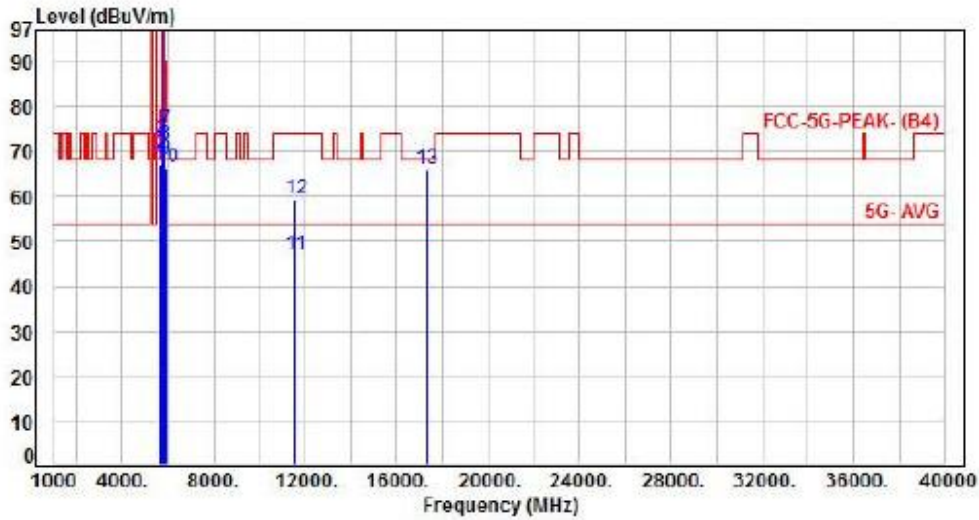
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5795.00 | 7.39 | 106.31 | 113.70 | 200.00 | -86.30 | Average | 155 | 301 | P |
| 2 | 5795.00 | 7.39 | 119.05 | 126.44 | 200.00 | -73.56 | Peak | 155 | 301 | P |
| 3 | 5850.00 | 7.43 | 65.89 | 73.32 | 122.20 | -48.88 | Peak | 155 | 301 | P |
| 4 | 5855.00 | 7.45 | 60.44 | 67.89 | 110.00 | -42.91 | Peak | 155 | 301 | P |
| 5 | 5875.00 | 7.54 | 61.40 | 68.94 | 105.20 | -36.26 | Peak | 155 | 301 | P |
| 6 | 5925.00 | 7.66 | 58.29 | 65.95 | 68.20 | -2.25 | Peak | 155 | 301 | P |
| 7 | 11590.00 | 17.86 | 29.65 | 47.51 | 54.00 | -6.49 | Average | 100 | 331 | P |
| 8 | 11590.00 | 17.86 | 42.96 | 60.82 | 74.00 | -13.18 | Peak | 100 | 331 | P |
| 9 | 17385.00 | 24.49 | 42.14 | 66.63 | 68.20 | -1.57 | Peak | 100 | 266 | P |

Note: Level=Reading+Factor
 Margin=Level-Limit
 Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | | | |
|-----------|---|-----------------------|-----------|---|----------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | VERTICAL |
| Test Mode | : | Mode 4, Band 4, CH155 | | : | |



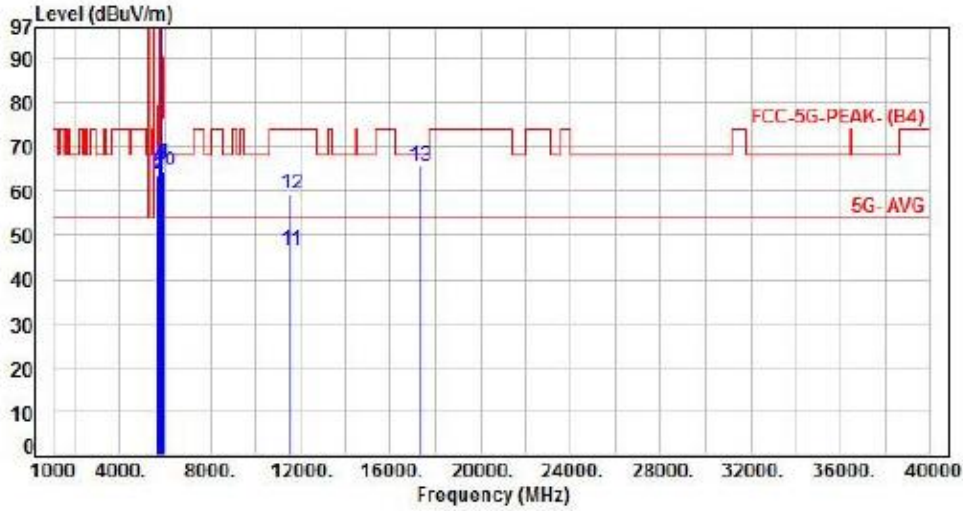
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5650.00 | 7.35 | 59.78 | 67.13 | 68.20 | -1.07 | Peak | 157 | 322 | P |
| 2 | 5700.00 | 7.37 | 62.18 | 69.55 | 105.20 | -35.65 | Peak | 157 | 322 | P |
| 3 | 5720.00 | 7.34 | 65.47 | 72.81 | 110.80 | -37.99 | Peak | 157 | 322 | P |
| 4 | 5725.00 | 7.33 | 65.12 | 72.45 | 122.20 | -49.75 | Peak | 157 | 322 | P |
| 5 | 5775.00 | 7.35 | 95.97 | 103.32 | 200.00 | -96.68 | Average | 157 | 322 | P |
| 6 | 5775.00 | 7.35 | 107.91 | 115.26 | 200.00 | -84.74 | Peak | 157 | 322 | P |
| 7 | 5850.00 | 7.43 | 67.46 | 74.89 | 122.20 | -47.31 | Peak | 157 | 322 | P |
| 8 | 5855.00 | 7.45 | 64.02 | 71.47 | 110.80 | -39.33 | Peak | 157 | 322 | P |
| 9 | 5875.00 | 7.54 | 60.62 | 68.16 | 105.20 | -37.04 | Peak | 157 | 322 | P |
| 10 | 5925.00 | 7.66 | 58.76 | 66.42 | 68.20 | -1.78 | Peak | 157 | 322 | P |
| 11 | 11550.00 | 17.79 | 29.10 | 46.89 | 54.00 | -7.11 | Average | 100 | 314 | P |
| 12 | 11550.00 | 17.79 | 41.59 | 59.38 | 74.00 | -14.62 | Peak | 100 | 314 | P |
| 13 | 17325.00 | 24.20 | 41.85 | 66.05 | 68.20 | -2.15 | Peak | 100 | 229 | P |

Note: Level=Reading+Factor
 Margin=Level-Limit
 Factor=Antenna Factor + cable loss - Amplifier Factor



Non BeamForming-Sector Antenna

| | | | | | |
|-----------|---|-----------------------|-----------|---|------------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | HORIZONTAL |
| Test Mode | : | Mode 4, Band 4, CH155 | | : | |



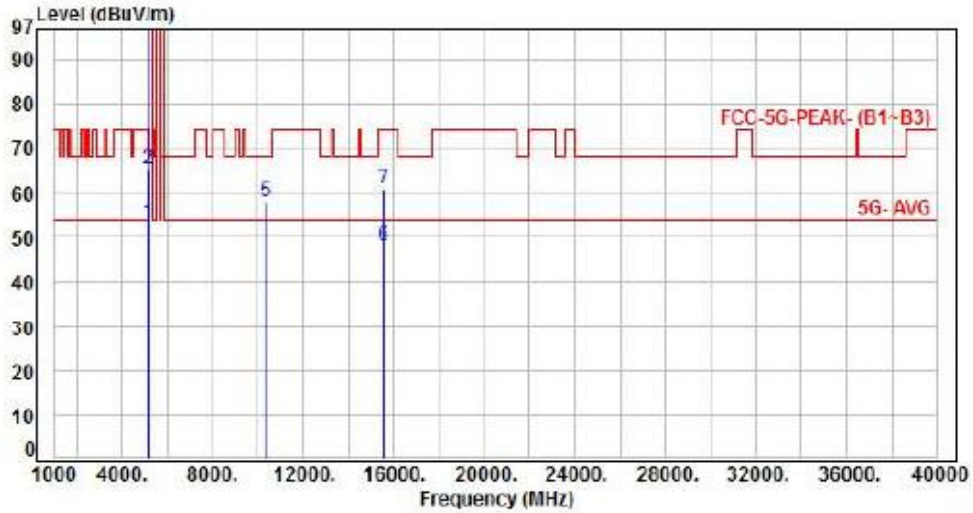
| No. | Frequency (MHz) | Factor (dB) | Reading (dBUV) | Level (dBUV/m) | Limit (dBUV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5650.00 | 7.35 | 56.23 | 63.58 | 68.20 | -4.62 | Peak | 157 | 305 | P |
| 2 | 5700.00 | 7.37 | 56.60 | 63.97 | 105.20 | -41.23 | Peak | 157 | 305 | P |
| 3 | 5720.00 | 7.34 | 56.94 | 64.28 | 110.00 | -46.52 | Peak | 157 | 305 | P |
| 4 | 5725.00 | 7.33 | 58.85 | 66.18 | 122.20 | -56.02 | Peak | 157 | 305 | P |
| 5 | 5775.00 | 7.35 | 93.83 | 101.18 | 200.00 | -98.82 | Average | 157 | 305 | P |
| 6 | 5775.00 | 7.35 | 106.66 | 114.01 | 200.00 | -85.99 | Peak | 157 | 305 | P |
| 7 | 5850.00 | 7.43 | 58.52 | 65.95 | 122.20 | -56.25 | Peak | 157 | 305 | P |
| 8 | 5855.00 | 7.45 | 58.44 | 65.89 | 110.00 | -44.91 | Peak | 157 | 305 | P |
| 9 | 5875.00 | 7.54 | 58.41 | 65.95 | 105.20 | -39.25 | Peak | 157 | 305 | P |
| 10 | 5925.00 | 7.66 | 56.95 | 64.61 | 68.20 | -3.59 | Peak | 157 | 305 | P |
| 11 | 11550.00 | 17.79 | 28.63 | 46.42 | 54.00 | -7.58 | Average | 100 | 331 | P |
| 12 | 11550.00 | 17.79 | 41.59 | 59.38 | 74.00 | -14.62 | Peak | 100 | 331 | P |
| 13 | 17325.00 | 24.20 | 41.33 | 65.53 | 68.20 | -2.67 | Peak | 100 | 226 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



BeamForming-Sector Antenna

| | | | | | |
|-----------|---|----------------------|-----------|---|----------|
| Power | : | From PoE (120V/60Hz) | Pol/Phase | : | VERTICAL |
| Test Mode | : | Mode 5, Band 1, CH36 | | : | |



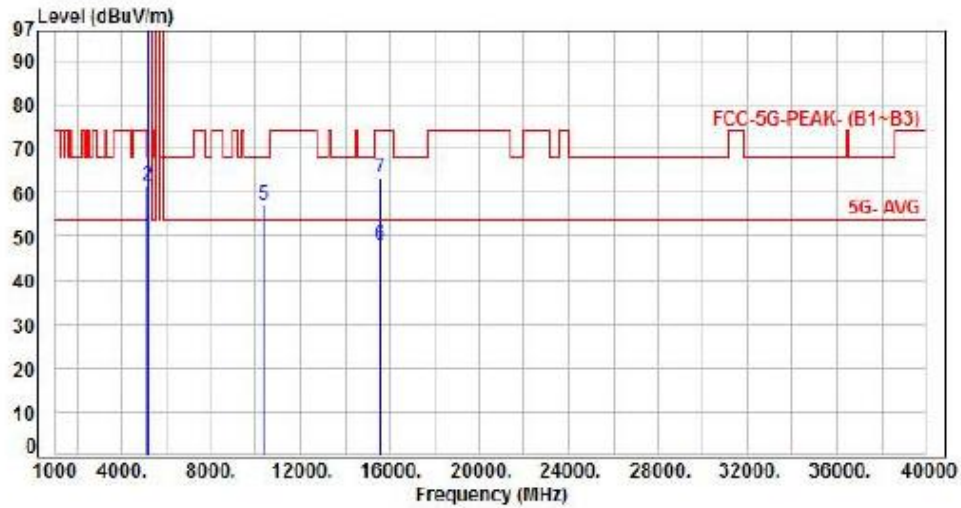
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5150.00 | 6.70 | 46.30 | 53.00 | 54.00 | -1.00 | Average | 150 | 310 | P |
| 2 | 5150.00 | 6.70 | 58.71 | 65.41 | 74.00 | -8.59 | Peak | 150 | 310 | P |
| 3 | 5180.00 | 6.85 | 107.22 | 114.07 | 200.00 | -85.93 | Average | 150 | 310 | P |
| 4 | 5180.00 | 6.85 | 119.75 | 126.60 | 200.00 | -73.40 | Peak | 150 | 310 | P |
| 5 | 10360.00 | 15.84 | 42.04 | 57.88 | 68.20 | -10.32 | Peak | 100 | 42 | P |
| 6 | 15540.00 | 19.60 | 28.29 | 47.89 | 54.00 | -6.11 | Average | 100 | 50 | P |
| 7 | 15540.00 | 19.60 | 41.39 | 60.99 | 74.00 | -13.01 | Peak | 100 | 50 | P |

Note: Level=Reading+Factor
 Margin=Level-Limit
 Factor=Antenna Factor + cable loss - Amplifier Factor



BeamForming-Sector Antenna

| | | | |
|-----------|------------------------|-----------|--------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : HORIZONTAL |
| Test Mode | : Mode 5, Band 1, CH36 | | |



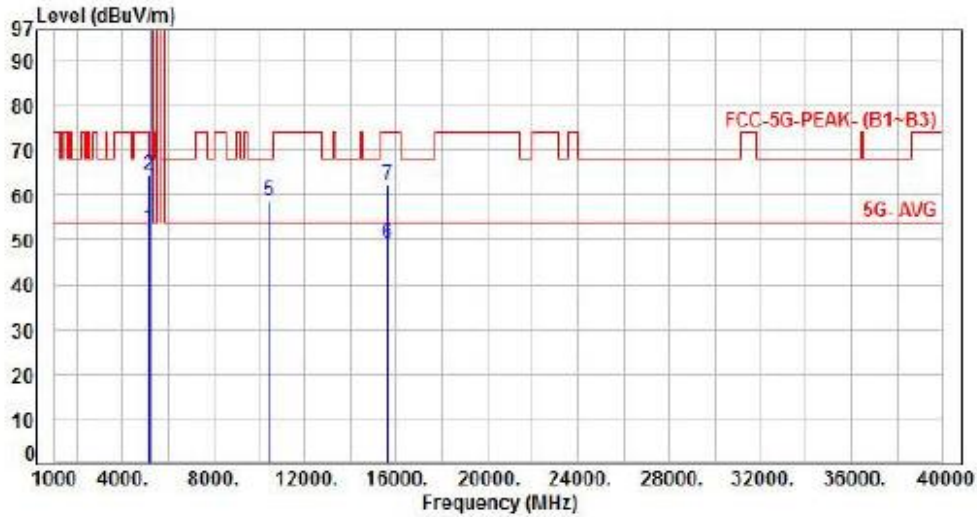
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5150.00 | 6.70 | 43.37 | 50.07 | 54.00 | -3.93 | Average | 157 | 336 | P |
| 2 | 5150.00 | 6.70 | 54.92 | 61.62 | 74.00 | -12.38 | Peak | 157 | 336 | P |
| 3 | 5180.00 | 6.85 | 104.14 | 110.99 | 200.00 | -89.01 | Average | 157 | 336 | P |
| 4 | 5180.00 | 6.85 | 114.95 | 121.80 | 200.00 | -78.20 | Peak | 157 | 336 | P |
| 5 | 10360.00 | 15.84 | 41.21 | 57.05 | 68.20 | -11.15 | Peak | 100 | 166 | P |
| 6 | 15540.00 | 19.60 | 28.31 | 47.91 | 54.00 | -6.09 | Average | 100 | 159 | P |
| 7 | 15540.00 | 19.60 | 43.89 | 63.49 | 74.00 | -10.51 | Peak | 100 | 159 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



BeamForming-Sector Antenna

| | | | |
|-----------|------------------------|-----------|------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : VERTICAL |
| Test Mode | : Mode 5, Band 1, CH40 | | : |



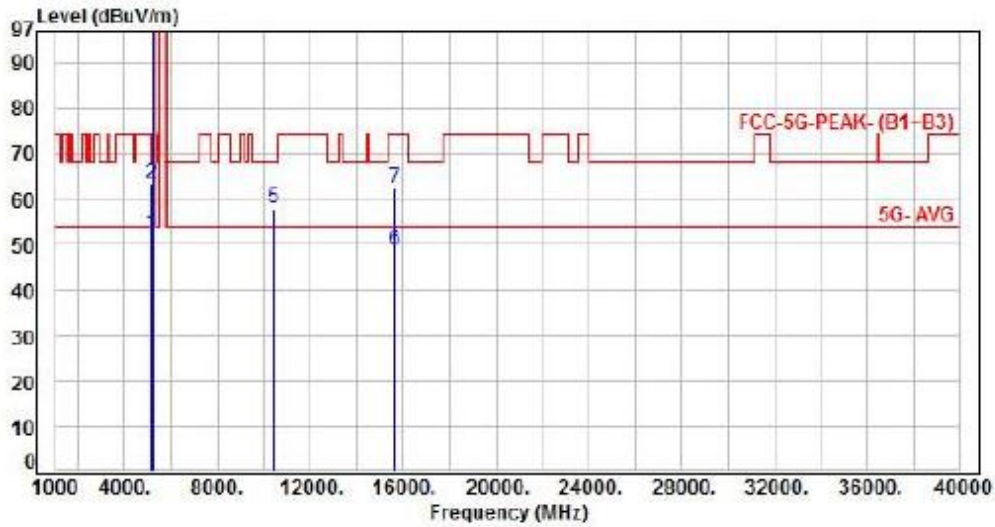
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5150.00 | 6.70 | 46.19 | 52.89 | 54.00 | -1.11 | Average | 158 | 310 | P |
| 2 | 5150.00 | 6.70 | 58.00 | 64.70 | 74.00 | -9.30 | Peak | 158 | 310 | P |
| 3 | 5200.00 | 6.95 | 111.25 | 118.20 | 200.00 | -81.80 | Average | 158 | 310 | P |
| 4 | 5200.00 | 6.95 | 121.86 | 128.81 | 200.00 | -71.19 | Peak | 158 | 310 | P |
| 5 | 10400.00 | 15.75 | 42.84 | 58.59 | 68.20 | -9.61 | Peak | 100 | 5 | P |
| 6 | 15600.00 | 19.55 | 29.59 | 49.14 | 54.00 | -4.86 | Average | 100 | 337 | P |
| 7 | 15600.00 | 19.55 | 42.63 | 62.18 | 74.00 | -11.82 | Peak | 100 | 337 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



BeamForming-Sector Antenna

| | | | |
|-----------|------------------------|-----------|--------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : HORIZONTAL |
| Test Mode | : Mode 5, Band 1, CH40 | | |



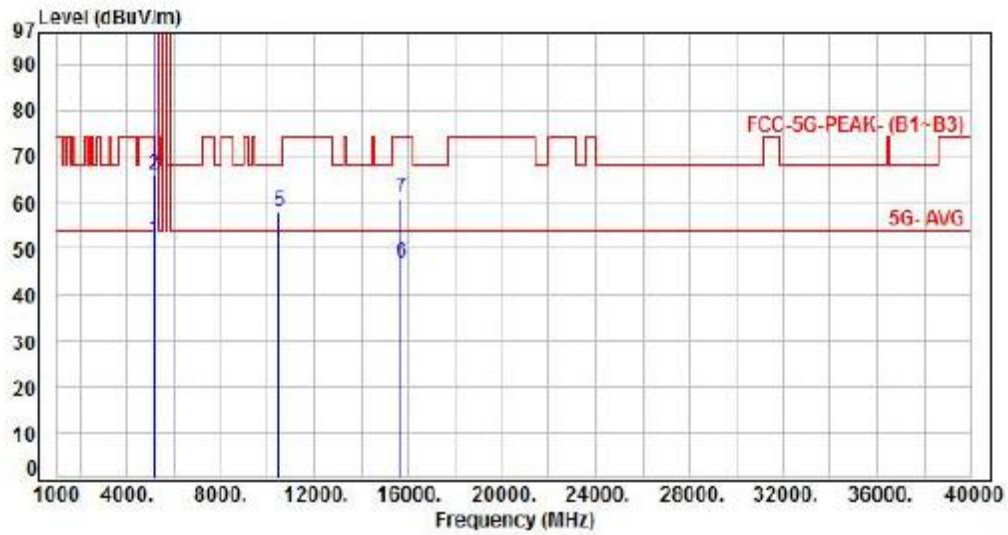
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5150.00 | 6.70 | 45.85 | 52.55 | 54.00 | -1.45 | Average | 158 | 305 | P |
| 2 | 5150.00 | 6.70 | 56.86 | 63.56 | 74.00 | -10.44 | Peak | 158 | 305 | P |
| 3 | 5200.00 | 6.95 | 112.03 | 118.98 | 200.00 | -81.02 | Average | 158 | 305 | P |
| 4 | 5200.00 | 6.95 | 122.95 | 129.90 | 200.00 | -70.10 | Peak | 158 | 305 | P |
| 5 | 10400.00 | 15.75 | 42.32 | 58.07 | 68.20 | -10.13 | Peak | 100 | 328 | P |
| 6 | 15600.00 | 19.55 | 29.12 | 48.67 | 54.00 | -5.33 | Average | 100 | 126 | P |
| 7 | 15600.00 | 19.55 | 42.76 | 62.31 | 74.00 | -11.69 | Peak | 100 | 126 | P |

Note: Level=Reading+Factor
 Margin=Level-Limit
 Factor=Antenna Factor + cable loss - Amplifier Factor



BeamForming-Sector Antenna

| | | | |
|-----------|------------------------|-----------|------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : VERTICAL |
| Test Mode | : Mode 5, Band 1, CH48 | | : |



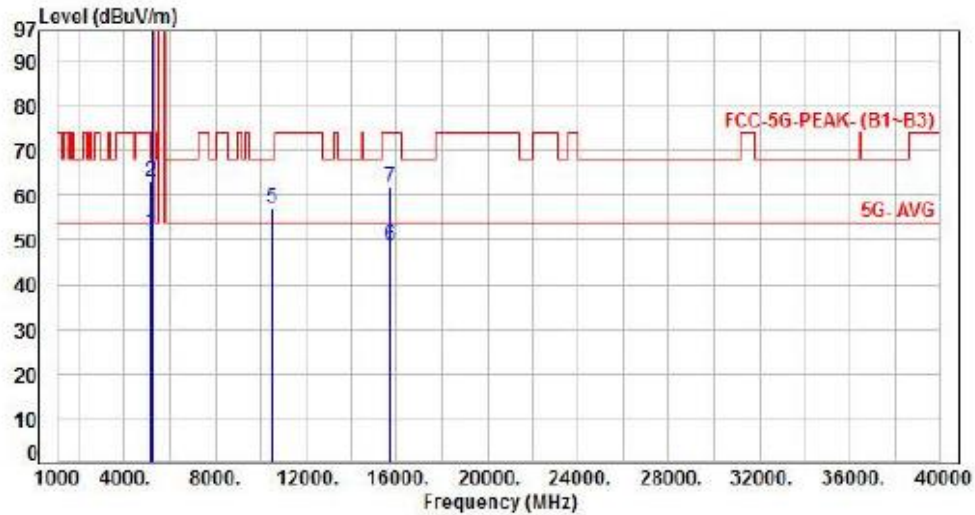
| No. | Frequency (MHz) | Factor (dB) | Reading (dBUV) | Level (dBUV/m) | Limit (dBUV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5150.00 | 6.70 | 45.20 | 51.90 | 54.00 | -2.10 | Average | 162 | 320 | P |
| 2 | 5150.00 | 6.70 | 59.14 | 65.84 | 74.00 | -8.16 | Peak | 162 | 320 | P |
| 3 | 5240.00 | 7.00 | 112.88 | 119.88 | 200.00 | -80.12 | Average | 162 | 320 | P |
| 4 | 5240.00 | 7.00 | 123.53 | 130.53 | 200.00 | -69.47 | Peak | 162 | 320 | P |
| 5 | 10480.00 | 15.88 | 41.90 | 57.78 | 68.20 | -10.42 | Peak | 100 | 240 | P |
| 6 | 15720.00 | 19.16 | 27.69 | 46.85 | 54.00 | -7.15 | Average | 100 | 254 | P |
| 7 | 15720.00 | 19.16 | 41.63 | 60.79 | 74.00 | -13.21 | Peak | 100 | 254 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



BeamForming-Sector Antenna

| | | | |
|-----------|------------------------|-----------|--------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : HORIZONTAL |
| Test Mode | : Mode 5, Band 1, CH48 | | : |



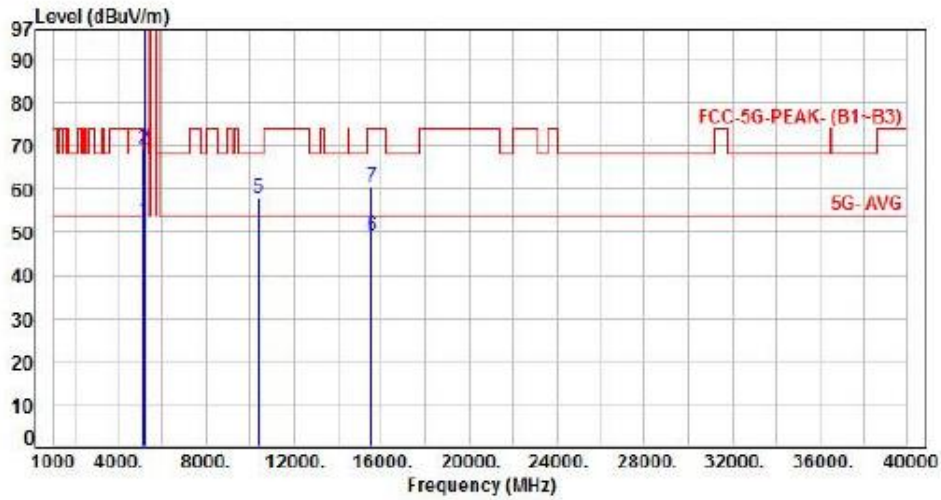
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5150.00 | 6.70 | 44.97 | 51.67 | 54.00 | -2.33 | Average | 157 | 315 | P |
| 2 | 5150.00 | 6.70 | 56.28 | 62.98 | 74.00 | -11.02 | Peak | 157 | 315 | P |
| 3 | 5240.00 | 7.00 | 111.46 | 118.46 | 200.00 | -81.54 | Average | 157 | 315 | P |
| 4 | 5240.00 | 7.00 | 122.63 | 129.63 | 200.00 | -70.37 | Peak | 157 | 315 | P |
| 5 | 10480.00 | 15.88 | 41.40 | 57.28 | 68.20 | -10.92 | Peak | 100 | 258 | P |
| 6 | 15720.00 | 19.16 | 29.66 | 48.82 | 54.00 | -5.18 | Average | 100 | 124 | P |
| 7 | 15720.00 | 19.16 | 42.85 | 62.01 | 74.00 | -11.99 | Peak | 100 | 124 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



BeamForming-Sector Antenna

| | | | |
|-----------|------------------------|-----------|------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : VERTICAL |
| Test Mode | : Mode 6, Band 1, CH38 | | |



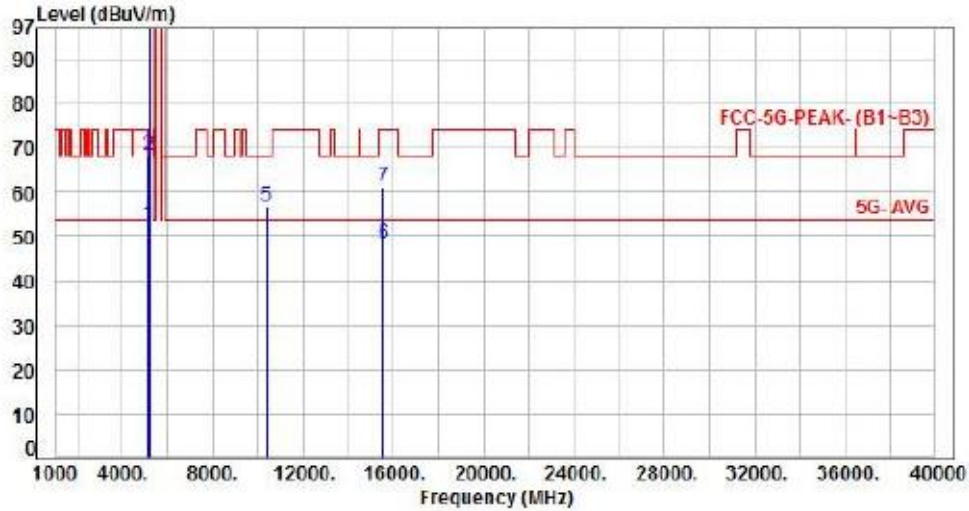
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5150.00 | 6.70 | 45.89 | 52.59 | 54.00 | -1.41 | Average | 155 | 306 | P |
| 2 | 5150.00 | 6.70 | 62.65 | 69.35 | 74.00 | -4.65 | Peak | 155 | 306 | P |
| 3 | 5190.00 | 6.90 | 100.63 | 107.53 | 200.00 | -92.47 | Average | 155 | 306 | P |
| 4 | 5190.00 | 6.90 | 112.53 | 119.43 | 200.00 | -80.57 | Peak | 155 | 306 | P |
| 5 | 10380.00 | 15.80 | 42.16 | 57.96 | 68.20 | -10.24 | Peak | 100 | 156 | P |
| 6 | 15570.00 | 19.56 | 29.66 | 49.22 | 54.00 | -4.78 | Average | 100 | 214 | P |
| 7 | 15570.00 | 19.56 | 40.92 | 60.48 | 74.00 | -13.52 | Peak | 100 | 214 | P |

Note: Level=Reading+Factor
 Margin=Level-Limit
 Factor=Antenna Factor + cable loss - Amplifier Factor



BeamForming-Sector Antenna

| | | | |
|-----------|------------------------|-----------|--------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : HORIZONTAL |
| Test Mode | : Mode 6, Band 1, CH38 | | : |



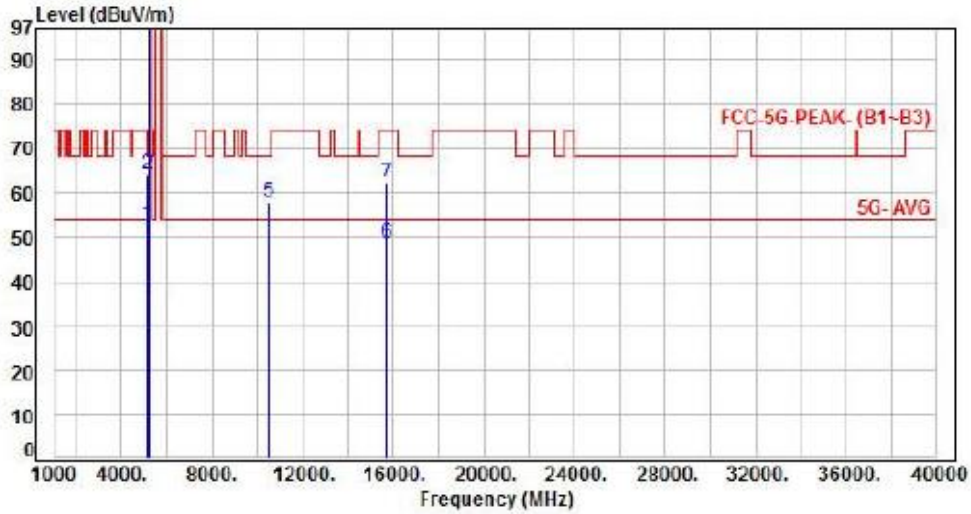
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5150.00 | 6.70 | 45.99 | 52.69 | 54.00 | -1.31 | Average | 157 | 300 | P |
| 2 | 5150.00 | 6.70 | 61.55 | 68.25 | 74.00 | -5.75 | Peak | 157 | 300 | P |
| 3 | 5190.00 | 6.90 | 98.69 | 105.59 | 200.00 | -94.41 | Average | 157 | 300 | P |
| 4 | 5190.00 | 6.90 | 111.99 | 118.89 | 200.00 | -81.11 | Peak | 157 | 300 | P |
| 5 | 10380.00 | 15.80 | 41.14 | 56.94 | 68.20 | -11.26 | Peak | 100 | 166 | P |
| 6 | 15570.00 | 19.56 | 28.68 | 48.24 | 54.00 | -5.76 | Average | 100 | 312 | P |
| 7 | 15570.00 | 19.56 | 41.84 | 61.40 | 74.00 | -12.60 | Peak | 100 | 312 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



BeamForming-Sector Antenna

| | | | |
|-----------|------------------------|-----------|------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : VERTICAL |
| Test Mode | : Mode 6, Band 1, CH46 | | : |



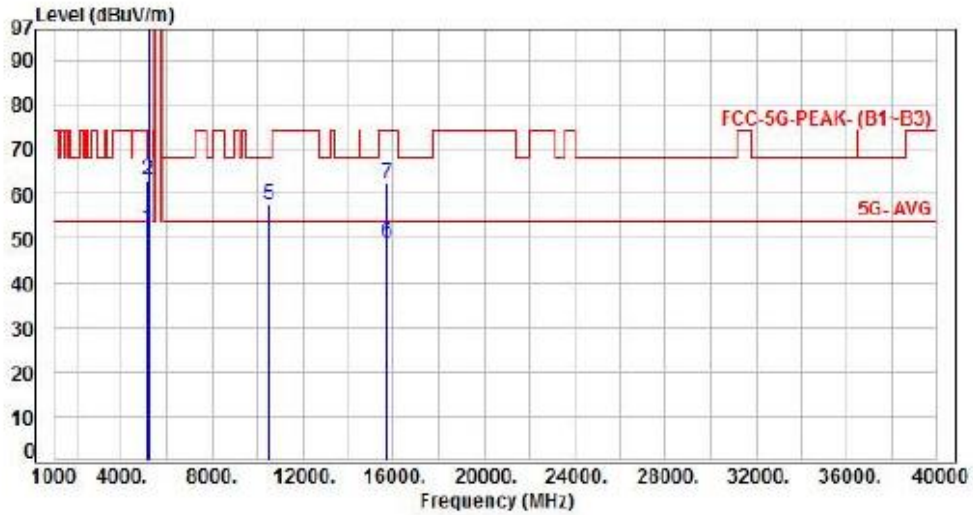
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5150.00 | 6.70 | 45.88 | 52.58 | 54.00 | -1.42 | Average | 162 | 318 | P |
| 2 | 5150.00 | 6.70 | 57.43 | 64.13 | 74.00 | -9.87 | Peak | 162 | 318 | P |
| 3 | 5230.00 | 6.99 | 107.99 | 114.98 | 200.00 | -85.02 | Average | 162 | 318 | P |
| 4 | 5230.00 | 6.99 | 120.02 | 127.01 | 200.00 | -72.99 | Peak | 162 | 318 | P |
| 5 | 10460.00 | 15.77 | 42.15 | 57.92 | 68.20 | -10.28 | Peak | 100 | 314 | P |
| 6 | 15690.00 | 19.35 | 29.35 | 48.70 | 54.00 | -5.30 | Average | 100 | 334 | P |
| 7 | 15690.00 | 19.35 | 42.93 | 62.28 | 74.00 | -11.72 | Peak | 100 | 334 | P |

Note: Level=Reading+Factor
 Margin=Level-Limit
 Factor=Antenna Factor + cable loss - Amplifier Factor



BeamForming-Sector Antenna

| | | | |
|-----------|------------------------|-----------|--------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : HORIZONTAL |
| Test Mode | : Mode 6, Band 1, CH46 | | : |



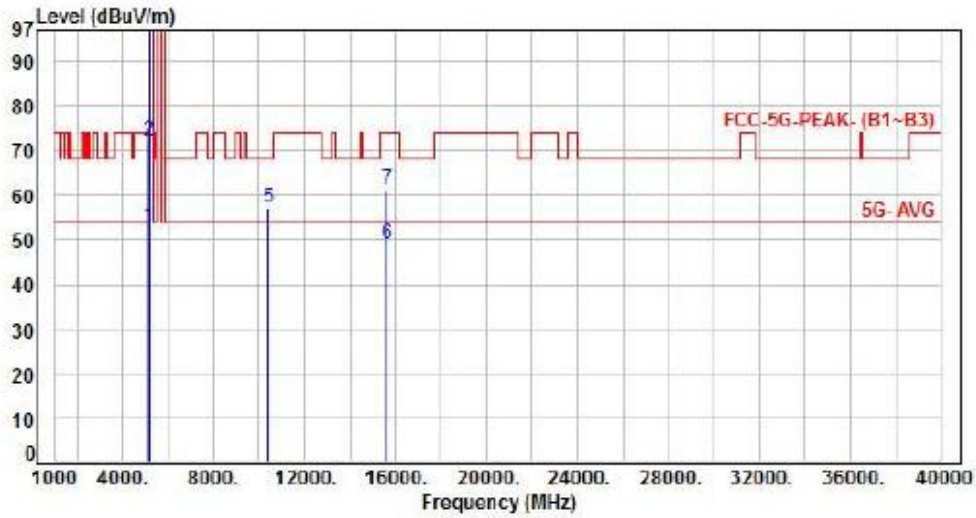
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5150.00 | 6.70 | 45.65 | 52.35 | 54.00 | -1.65 | Average | 155 | 311 | P |
| 2 | 5150.00 | 6.70 | 56.47 | 63.17 | 74.00 | -10.83 | Peak | 155 | 311 | P |
| 3 | 5230.00 | 6.99 | 104.45 | 111.44 | 200.00 | -88.56 | Average | 155 | 311 | P |
| 4 | 5230.00 | 6.99 | 118.92 | 125.91 | 200.00 | -74.09 | Peak | 155 | 311 | P |
| 5 | 10460.00 | 15.77 | 41.79 | 57.56 | 68.20 | -10.64 | Peak | 100 | 67 | P |
| 6 | 15690.00 | 19.35 | 29.66 | 49.01 | 54.00 | -4.99 | Average | 100 | 151 | P |
| 7 | 15690.00 | 19.35 | 42.89 | 62.24 | 74.00 | -11.76 | Peak | 100 | 151 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



BeamForming-Sector Antenna

| | | | |
|-----------|------------------------|-----------|------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : VERTICAL |
| Test Mode | : Mode 7, Band 1, CH42 | | |



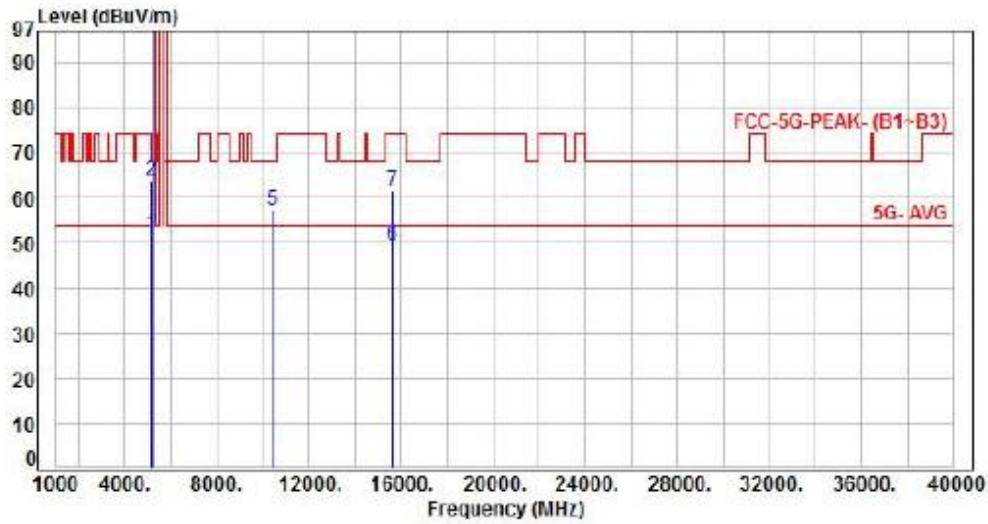
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5150.00 | 6.70 | 46.23 | 52.93 | 54.00 | -1.07 | Average | 162 | 304 | P |
| 2 | 5150.00 | 6.70 | 65.53 | 72.23 | 74.00 | -1.77 | Peak | 162 | 304 | P |
| 3 | 5210.00 | 6.97 | 100.12 | 107.09 | 200.00 | -92.91 | Average | 162 | 304 | P |
| 4 | 5210.00 | 6.97 | 113.51 | 120.48 | 200.00 | -79.52 | Peak | 162 | 304 | P |
| 5 | 10420.00 | 15.74 | 41.39 | 57.13 | 68.20 | -11.07 | Peak | 100 | 238 | P |
| 6 | 15630.00 | 19.48 | 29.66 | 49.14 | 54.00 | -4.86 | Average | 100 | 317 | P |
| 7 | 15630.00 | 19.48 | 41.66 | 61.14 | 74.00 | -12.86 | Peak | 100 | 317 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



BeamForming-Sector Antenna

| | | | |
|-----------|------------------------|-----------|--------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : HORIZONTAL |
| Test Mode | : Mode 7, Band 1, CH42 | | |



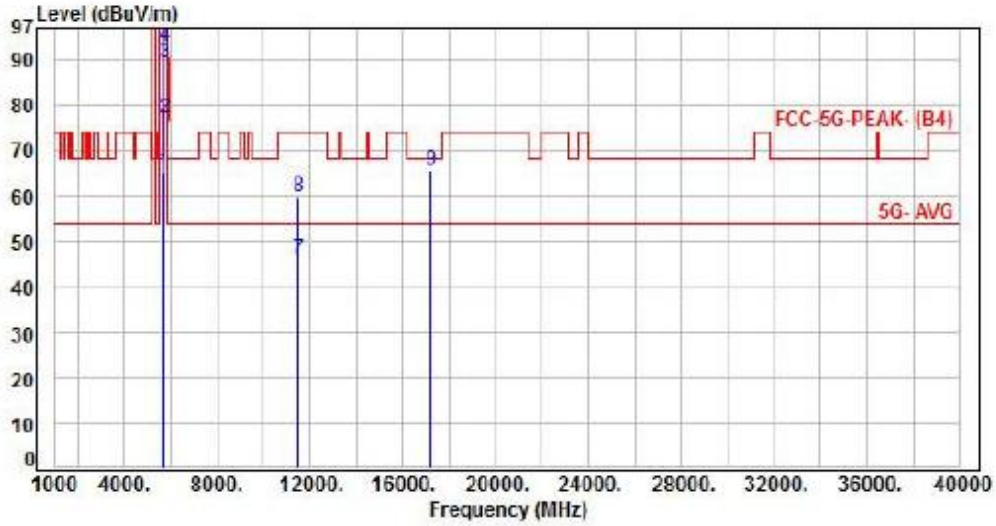
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5150.00 | 6.70 | 45.31 | 52.01 | 54.00 | -1.99 | Average | 152 | 306 | P |
| 2 | 5150.00 | 6.70 | 57.06 | 63.76 | 74.00 | -10.24 | Peak | 152 | 306 | P |
| 3 | 5210.00 | 6.97 | 104.28 | 111.25 | 200.00 | -88.75 | Average | 152 | 306 | P |
| 4 | 5210.00 | 6.97 | 111.14 | 118.11 | 200.00 | -81.89 | Peak | 152 | 306 | P |
| 5 | 10420.00 | 15.74 | 41.55 | 57.29 | 68.20 | -10.91 | Peak | 100 | 144 | P |
| 6 | 15630.00 | 19.48 | 29.89 | 49.37 | 54.00 | -4.63 | Average | 100 | 152 | P |
| 7 | 15630.00 | 19.48 | 42.15 | 61.63 | 74.00 | -12.37 | Peak | 100 | 152 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



BeamForming-Sector Antenna

| | | | |
|-----------|-------------------------|-----------|------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : VERTICAL |
| Test Mode | : Mode 5, Band 4, CH149 | | : |



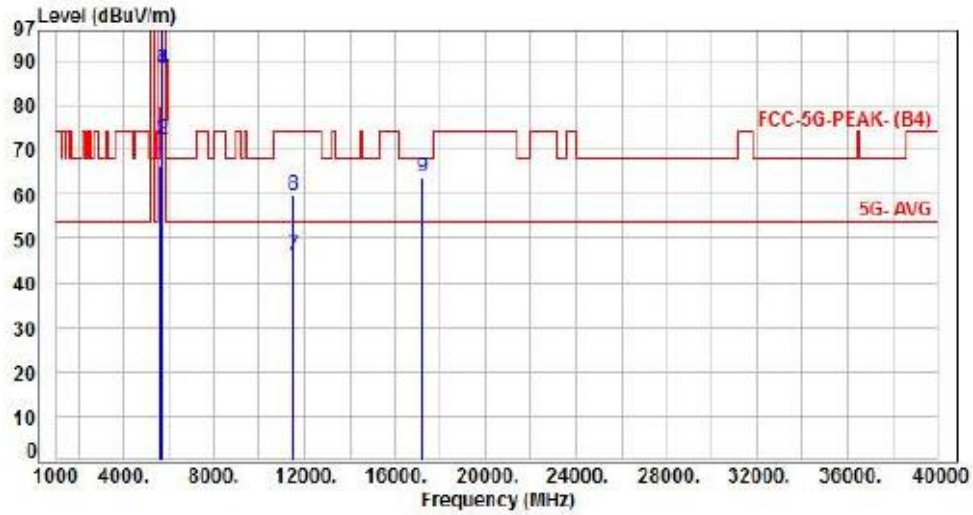
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5650.00 | 7.35 | 57.99 | 65.34 | 68.20 | -2.86 | Peak | 164 | 320 | P |
| 2 | 5700.00 | 7.37 | 69.60 | 76.97 | 105.20 | -28.23 | Peak | 164 | 320 | P |
| 3 | 5720.00 | 7.34 | 81.99 | 89.33 | 110.80 | -21.47 | Peak | 164 | 320 | P |
| 4 | 5725.00 | 7.33 | 85.50 | 92.83 | 122.20 | -29.37 | Peak | 164 | 320 | P |
| 5 | 5745.00 | 7.30 | 111.06 | 118.36 | 200.00 | -81.64 | Average | 164 | 320 | P |
| 6 | 5745.00 | 7.30 | 123.77 | 131.07 | 200.00 | -68.93 | Peak | 164 | 320 | P |
| 7 | 11490.00 | 17.63 | 28.64 | 46.27 | 54.00 | -7.73 | Average | 100 | 312 | P |
| 8 | 11490.00 | 17.63 | 41.98 | 59.61 | 74.00 | -14.39 | Peak | 100 | 312 | P |
| 9 | 17235.00 | 23.62 | 42.02 | 65.64 | 68.20 | -2.56 | Peak | 100 | 75 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



BeamForming-Sector Antenna

| | | | |
|-----------|-------------------------|-----------|--------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : HORIZONTAL |
| Test Mode | : Mode 5, Band 4, CH149 | | : |



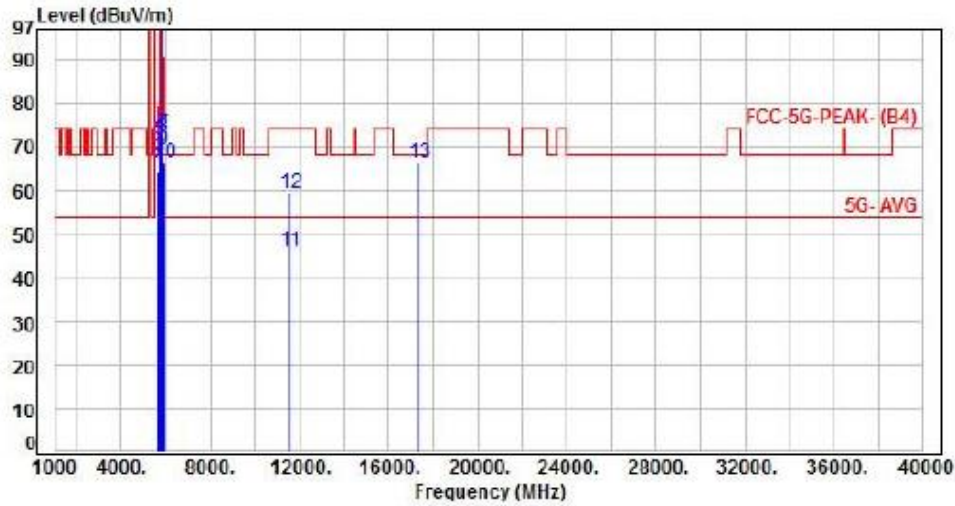
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5650.00 | 7.35 | 58.94 | 66.29 | 68.20 | -1.91 | Peak | 158 | 299 | P |
| 2 | 5700.00 | 7.37 | 65.08 | 72.45 | 105.20 | -32.75 | Peak | 158 | 299 | P |
| 3 | 5720.00 | 7.34 | 80.89 | 88.23 | 110.80 | -22.57 | Peak | 158 | 299 | P |
| 4 | 5725.00 | 7.33 | 80.78 | 88.11 | 122.20 | -34.09 | Peak | 158 | 299 | P |
| 5 | 5745.00 | 7.30 | 100.96 | 116.26 | 200.00 | -83.74 | Average | 158 | 299 | P |
| 6 | 5745.00 | 7.30 | 120.14 | 127.44 | 200.00 | -72.56 | Peak | 158 | 299 | P |
| 7 | 11490.00 | 17.63 | 28.49 | 46.12 | 54.00 | -7.88 | Average | 100 | 147 | P |
| 8 | 11490.00 | 17.63 | 42.16 | 59.79 | 74.00 | -14.21 | Peak | 100 | 147 | P |
| 9 | 17235.00 | 23.62 | 40.35 | 63.97 | 68.20 | -4.23 | Peak | 100 | 91 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



BeamForming-Sector Antenna

| | | | |
|-----------|-------------------------|-----------|------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : VERTICAL |
| Test Mode | : Mode 5, Band 4, CH157 | | : |



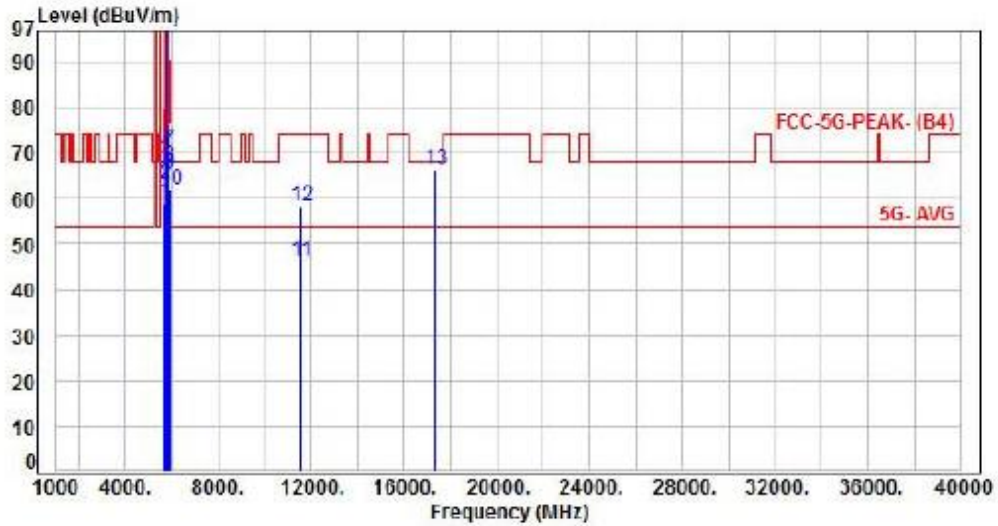
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5650.00 | 7.35 | 56.89 | 64.24 | 68.20 | -3.96 | Peak | 151 | 320 | P |
| 2 | 5700.00 | 7.37 | 60.47 | 67.84 | 105.20 | -37.36 | Peak | 151 | 320 | P |
| 3 | 5720.00 | 7.34 | 64.10 | 71.44 | 110.80 | -39.36 | Peak | 151 | 320 | P |
| 4 | 5725.00 | 7.33 | 65.31 | 72.64 | 122.20 | -49.56 | Peak | 151 | 320 | P |
| 5 | 5785.00 | 7.37 | 111.71 | 119.08 | 200.00 | -80.92 | Average | 151 | 320 | P |
| 6 | 5785.00 | 7.37 | 123.77 | 131.14 | 200.00 | -68.86 | Peak | 151 | 320 | P |
| 7 | 5850.00 | 7.43 | 65.47 | 72.90 | 122.20 | -49.30 | Peak | 151 | 320 | P |
| 8 | 5855.00 | 7.45 | 64.79 | 72.24 | 110.80 | -38.56 | Peak | 151 | 320 | P |
| 9 | 5875.00 | 7.54 | 61.87 | 69.41 | 105.20 | -35.79 | Peak | 151 | 320 | P |
| 10 | 5925.00 | 7.66 | 58.70 | 66.36 | 68.20 | -1.84 | Peak | 151 | 320 | P |
| 11 | 11570.00 | 17.83 | 28.10 | 45.93 | 54.00 | -8.07 | Average | 100 | 234 | P |
| 12 | 11570.00 | 17.83 | 41.56 | 59.39 | 74.00 | -14.61 | Peak | 100 | 234 | P |
| 13 | 17355.00 | 24.42 | 41.92 | 66.34 | 68.20 | -1.86 | Peak | 100 | 249 | P |

Note: Level=Reading+Factor
 Margin=Level-Limit
 Factor=Antenna Factor + cable loss - Amplifier Factor



BeamForming-Sector Antenna

| | | | |
|-----------|-------------------------|-----------|--------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : HORIZONTAL |
| Test Mode | : Mode 5, Band 4, CH157 | | : |



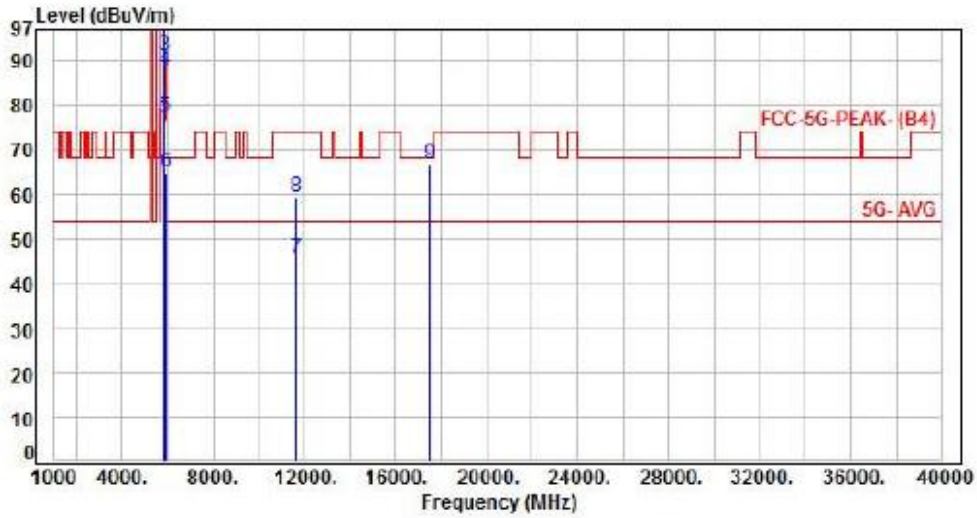
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5650.00 | 7.35 | 51.60 | 58.95 | 68.20 | -9.25 | Peak | 157 | 307 | P |
| 2 | 5700.00 | 7.37 | 55.55 | 62.92 | 105.20 | -42.28 | Peak | 157 | 307 | P |
| 3 | 5720.00 | 7.34 | 59.17 | 66.51 | 110.80 | -44.29 | Peak | 157 | 307 | P |
| 4 | 5725.00 | 7.33 | 62.72 | 70.05 | 122.20 | -52.15 | Peak | 157 | 307 | P |
| 5 | 5785.00 | 7.37 | 108.52 | 115.89 | 200.00 | -84.11 | Average | 157 | 307 | P |
| 6 | 5785.00 | 7.37 | 121.07 | 128.44 | 200.00 | -71.56 | Peak | 157 | 307 | P |
| 7 | 5850.00 | 7.43 | 62.96 | 70.39 | 122.20 | -51.81 | Peak | 157 | 307 | P |
| 8 | 5855.00 | 7.45 | 59.69 | 67.14 | 110.80 | -43.66 | Peak | 157 | 307 | P |
| 9 | 5875.00 | 7.54 | 57.70 | 65.24 | 105.20 | -39.96 | Peak | 157 | 307 | P |
| 10 | 5925.00 | 7.66 | 54.14 | 61.80 | 68.20 | -6.40 | Peak | 157 | 307 | P |
| 11 | 11570.00 | 17.83 | 28.16 | 45.99 | 54.00 | -8.01 | Average | 100 | 345 | P |
| 12 | 11570.00 | 17.83 | 40.53 | 58.36 | 74.00 | -15.64 | Peak | 100 | 345 | P |
| 13 | 17355.00 | 24.42 | 41.92 | 66.34 | 68.20 | -1.86 | Peak | 100 | 149 | P |

Note: Level=Reading+Factor
 Margin=Level-Limit
 Factor=Antenna Factor + cable loss - Amplifier Factor



BeamForming-Sector Antenna

| | | | |
|-----------|-------------------------|-----------|------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : VERTICAL |
| Test Mode | : Mode 5, Band 4, CH165 | | : |



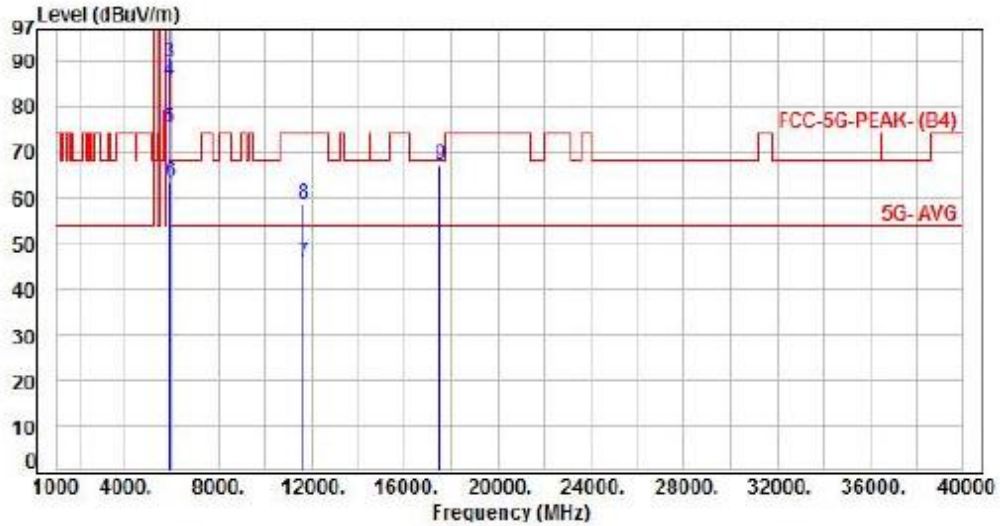
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5825.00 | 7.42 | 111.67 | 119.09 | 200.00 | -80.91 | Average | 160 | 327 | P |
| 2 | 5825.00 | 7.42 | 124.35 | 131.77 | 200.00 | -68.23 | Peak | 160 | 327 | P |
| 3 | 5850.00 | 7.43 | 83.59 | 91.02 | 122.20 | -31.18 | Peak | 160 | 327 | P |
| 4 | 5855.00 | 7.45 | 80.31 | 87.76 | 110.80 | -23.04 | Peak | 160 | 327 | P |
| 5 | 5875.00 | 7.54 | 69.97 | 77.51 | 105.20 | -27.69 | Peak | 160 | 327 | P |
| 6 | 5925.00 | 7.66 | 57.33 | 64.99 | 68.20 | -3.21 | Peak | 160 | 327 | P |
| 7 | 11650.00 | 17.99 | 27.83 | 45.82 | 54.00 | -8.18 | Average | 100 | 172 | P |
| 8 | 11650.00 | 17.99 | 41.28 | 59.27 | 74.00 | -14.73 | Peak | 100 | 172 | P |
| 9 | 17475.00 | 25.00 | 41.70 | 66.70 | 68.20 | -1.50 | Peak | 100 | 67 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



BeamForming-Sector Antenna

| | | | |
|-----------|-------------------------|-----------|--------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : HORIZONTAL |
| Test Mode | : Mode 5, Band 4, CH165 | | : |



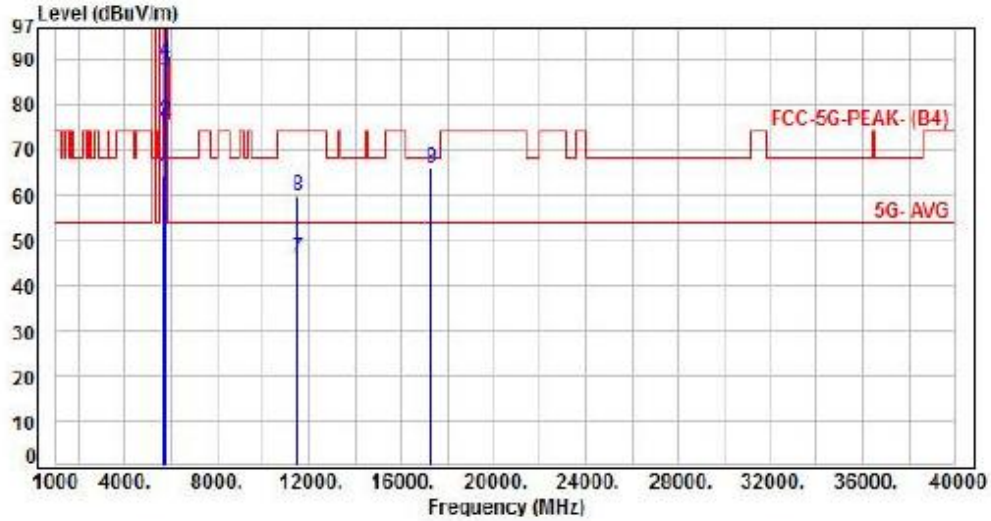
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5825.00 | 7.42 | 108.74 | 116.16 | 200.00 | -83.84 | Average | 156 | 313 | P |
| 2 | 5825.00 | 7.42 | 120.33 | 127.75 | 200.00 | -72.25 | Peak | 156 | 313 | P |
| 3 | 5850.00 | 7.43 | 82.01 | 89.44 | 122.20 | -32.76 | Peak | 156 | 313 | P |
| 4 | 5855.00 | 7.45 | 78.19 | 85.64 | 110.80 | -25.16 | Peak | 156 | 313 | P |
| 5 | 5875.00 | 7.54 | 67.73 | 75.27 | 105.20 | -29.93 | Peak | 156 | 313 | P |
| 6 | 5925.00 | 7.66 | 55.73 | 63.39 | 68.20 | -4.81 | Peak | 156 | 313 | P |
| 7 | 11650.00 | 17.99 | 27.87 | 45.86 | 54.00 | -8.14 | Average | 100 | 214 | P |
| 8 | 11650.00 | 17.99 | 40.68 | 58.67 | 74.00 | -15.33 | Peak | 100 | 214 | P |
| 9 | 17475.00 | 25.00 | 42.25 | 67.25 | 68.20 | -0.95 | Peak | 100 | 287 | P |

Note: Level=Reading+Factor
 Margin=Level-Limit
 Factor=Antenna Factor + cable loss - Amplifier Factor



BeamForming-Sector Antenna

| | | | |
|-----------|-------------------------|-----------|------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : VERTICAL |
| Test Mode | : Mode 6, Band 4, CH151 | | : |



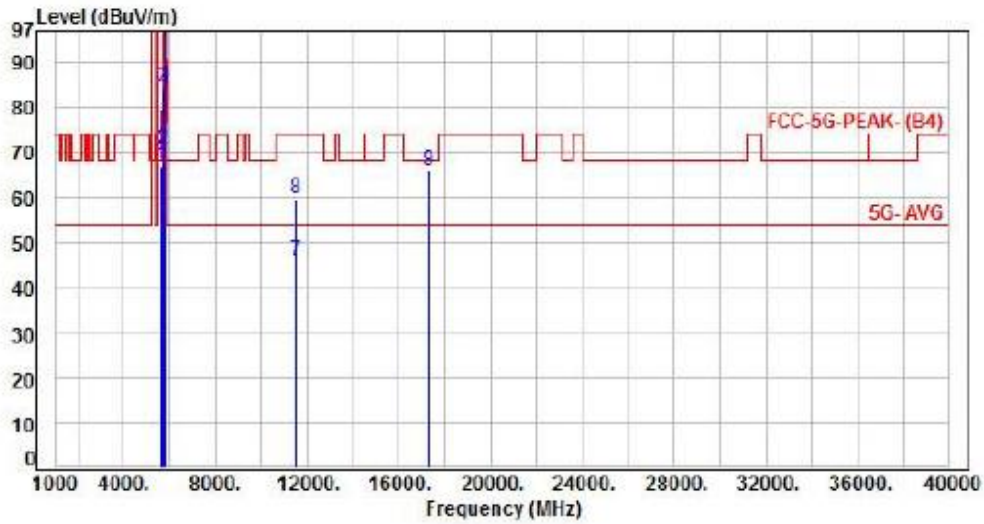
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5650.00 | 7.35 | 56.71 | 64.06 | 68.20 | -4.14 | Peak | 153 | 317 | P |
| 2 | 5700.00 | 7.37 | 68.98 | 76.35 | 105.20 | -28.85 | Peak | 153 | 317 | P |
| 3 | 5720.00 | 7.34 | 79.89 | 87.23 | 110.80 | -23.57 | Peak | 153 | 317 | P |
| 4 | 5725.00 | 7.33 | 82.12 | 89.45 | 122.20 | -32.75 | Peak | 153 | 317 | P |
| 5 | 5755.00 | 7.30 | 111.49 | 118.79 | 200.00 | -81.21 | Average | 153 | 317 | P |
| 6 | 5755.00 | 7.30 | 121.50 | 128.80 | 200.00 | -71.20 | Peak | 153 | 317 | P |
| 7 | 11510.00 | 17.70 | 28.53 | 46.23 | 54.00 | -7.77 | Average | 100 | 153 | P |
| 8 | 11510.00 | 17.70 | 42.05 | 59.75 | 74.00 | -14.25 | Peak | 100 | 153 | P |
| 9 | 17265.00 | 23.77 | 42.10 | 65.87 | 68.20 | -2.33 | Peak | 100 | 360 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



BeamForming-Sector Antenna

| | | | |
|-----------|-------------------------|-----------|--------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : HORIZONTAL |
| Test Mode | : Mode 6, Band 4, CH151 | | : |



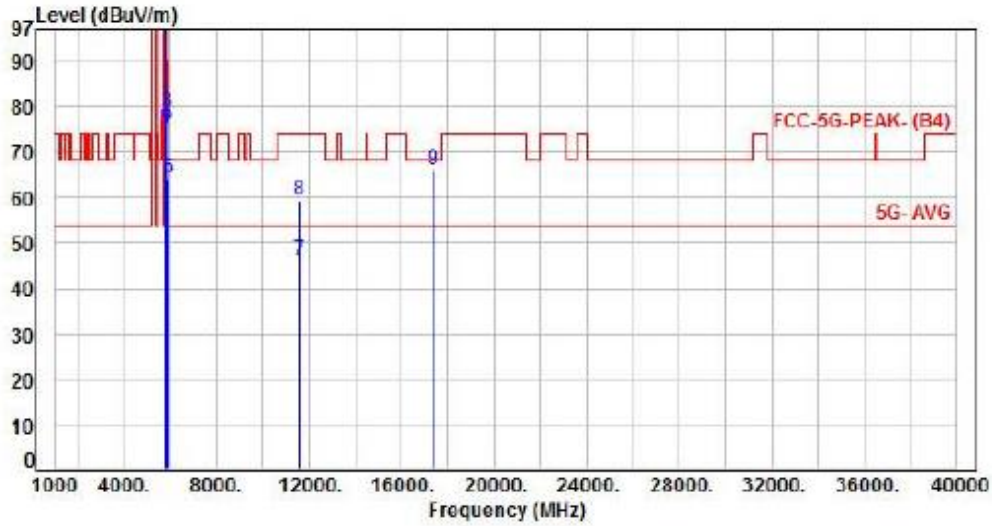
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5650.00 | 7.35 | 59.71 | 67.06 | 68.20 | -1.14 | Peak | 159 | 298 | P |
| 2 | 5700.00 | 7.37 | 63.38 | 70.75 | 105.20 | -34.45 | Peak | 159 | 298 | P |
| 3 | 5720.00 | 7.34 | 77.15 | 84.49 | 110.80 | -26.31 | Peak | 159 | 298 | P |
| 4 | 5725.00 | 7.33 | 76.22 | 83.55 | 122.20 | -38.65 | Peak | 159 | 298 | P |
| 5 | 5755.00 | 7.30 | 107.16 | 114.46 | 200.00 | -85.54 | Average | 159 | 298 | P |
| 6 | 5755.00 | 7.30 | 117.40 | 124.70 | 200.00 | -75.30 | Peak | 159 | 298 | P |
| 7 | 11510.00 | 17.70 | 28.42 | 46.12 | 54.00 | -7.88 | Average | 100 | 136 | P |
| 8 | 11510.00 | 17.70 | 42.15 | 59.85 | 74.00 | -14.15 | Peak | 100 | 136 | P |
| 9 | 17265.00 | 23.77 | 42.30 | 66.07 | 68.20 | -2.13 | Peak | 100 | 24 | P |

Note: Level=Reading+Factor
 Margin=Level-Limit
 Factor=Antenna Factor + cable loss - Amplifier Factor



BeamForming-Sector Antenna

| | | | |
|-----------|-------------------------|-----------|------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : VERTICAL |
| Test Mode | : Mode 6, Band 4, CH159 | | : |



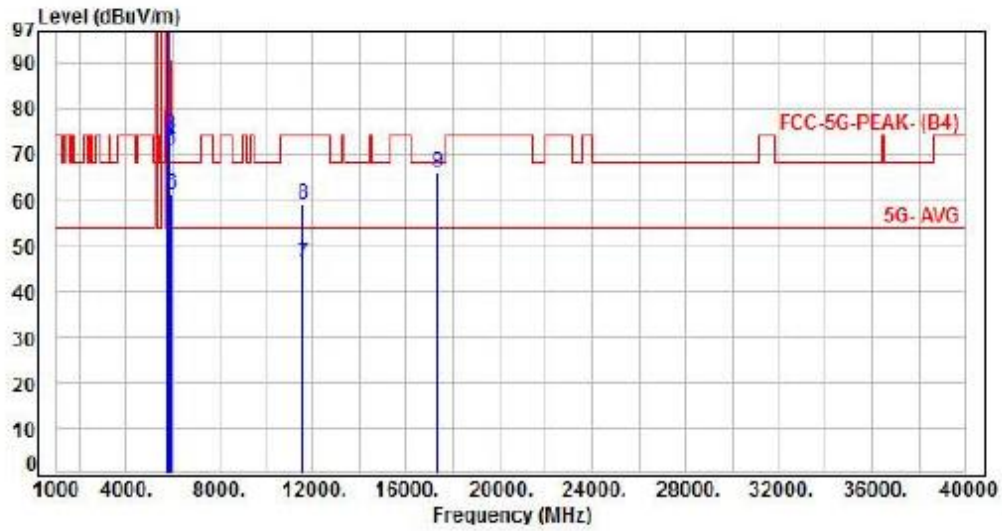
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5795.00 | 7.39 | 112.99 | 120.38 | 200.00 | -79.62 | Average | 161 | 313 | P |
| 2 | 5795.00 | 7.39 | 124.49 | 131.88 | 200.00 | -68.12 | Peak | 161 | 313 | P |
| 3 | 5850.00 | 7.43 | 71.36 | 78.79 | 122.20 | -43.41 | Peak | 161 | 313 | P |
| 4 | 5855.00 | 7.45 | 68.63 | 76.08 | 110.80 | -34.72 | Peak | 161 | 313 | P |
| 5 | 5875.00 | 7.54 | 68.32 | 75.86 | 105.20 | -29.34 | Peak | 161 | 313 | P |
| 6 | 5925.00 | 7.66 | 56.67 | 64.33 | 68.20 | -3.87 | Peak | 161 | 313 | P |
| 7 | 11590.00 | 17.86 | 28.09 | 45.95 | 54.00 | -8.05 | Average | 100 | 63 | P |
| 8 | 11590.00 | 17.86 | 41.40 | 59.26 | 74.00 | -14.74 | Peak | 100 | 63 | P |
| 9 | 17385.00 | 24.49 | 41.60 | 66.09 | 68.20 | -2.11 | Peak | 100 | 216 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



BeamForming-Sector Antenna

| | | | |
|-----------|-------------------------|-----------|--------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : HORIZONTAL |
| Test Mode | : Mode 6, Band 4, CH159 | | : |



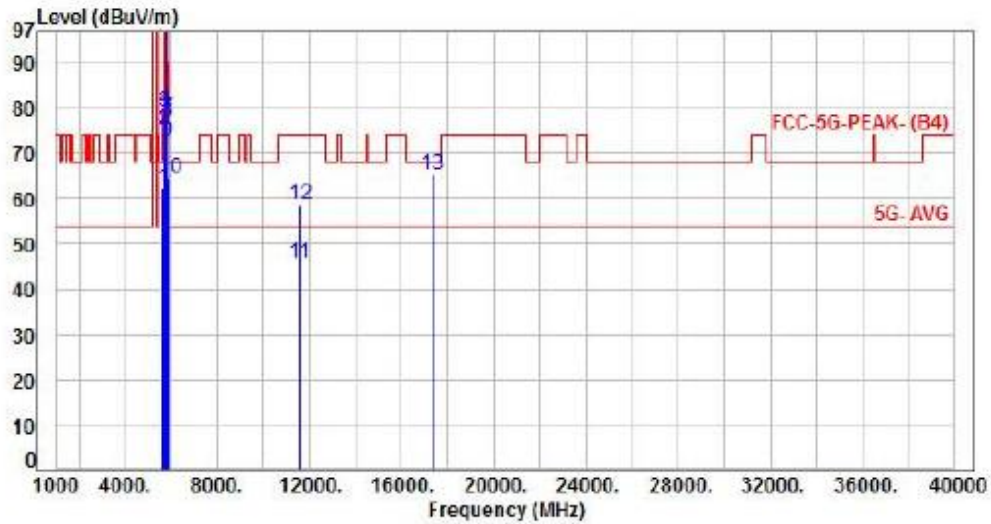
| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5795.00 | 7.39 | 106.87 | 114.26 | 200.00 | -85.74 | Average | 158 | 320 | P |
| 2 | 5795.00 | 7.39 | 118.11 | 125.50 | 200.00 | -74.50 | Peak | 158 | 320 | P |
| 3 | 5850.00 | 7.43 | 66.88 | 74.31 | 122.20 | -47.89 | Peak | 158 | 320 | P |
| 4 | 5855.00 | 7.45 | 65.39 | 72.84 | 110.80 | -37.96 | Peak | 158 | 320 | P |
| 5 | 5875.00 | 7.54 | 63.34 | 70.88 | 105.20 | -34.32 | Peak | 158 | 320 | P |
| 6 | 5925.00 | 7.66 | 53.65 | 61.31 | 68.20 | -6.89 | Peak | 158 | 320 | P |
| 7 | 11590.00 | 17.86 | 28.14 | 46.00 | 54.00 | -8.00 | Average | 100 | 69 | P |
| 8 | 11590.00 | 17.86 | 41.09 | 58.95 | 74.00 | -15.05 | Peak | 100 | 69 | P |
| 9 | 17385.00 | 24.49 | 41.54 | 66.03 | 68.20 | -2.17 | Peak | 100 | 125 | P |

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor



BeamForming-Sector Antenna

| | | | |
|-----------|-------------------------|-----------|------------|
| Power | : From PoE (120V/60Hz) | Pol/Phase | : VERTICAL |
| Test Mode | : Mode 7, Band 4, CH155 | | |



| No. | Frequency (MHz) | Factor (dB) | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg) | P/F |
|-----|-----------------|-------------|----------------|----------------|----------------|-------------|----------|-------------|---------------|-----|
| 1 | 5650.00 | 7.35 | 54.92 | 62.27 | 68.20 | -5.93 | Peak | 156 | 320 | P |
| 2 | 5700.00 | 7.37 | 67.74 | 75.11 | 105.20 | -30.09 | Peak | 156 | 320 | P |
| 3 | 5720.00 | 7.34 | 71.95 | 79.29 | 110.80 | -31.51 | Peak | 156 | 320 | P |
| 4 | 5725.00 | 7.33 | 72.43 | 79.76 | 122.20 | -42.44 | Peak | 156 | 320 | P |
| 5 | 5775.00 | 7.35 | 104.37 | 111.72 | 200.00 | -88.28 | Average | 156 | 320 | P |
| 6 | 5775.00 | 7.35 | 118.90 | 126.25 | 200.00 | -73.75 | Peak | 156 | 320 | P |
| 7 | 5850.00 | 7.43 | 70.25 | 77.68 | 122.20 | -44.52 | Peak | 156 | 320 | P |
| 8 | 5855.00 | 7.45 | 69.59 | 77.04 | 110.80 | -33.76 | Peak | 156 | 320 | P |
| 9 | 5875.00 | 7.54 | 65.17 | 72.71 | 105.20 | -32.49 | Peak | 156 | 320 | P |
| 10 | 5925.00 | 7.66 | 56.92 | 64.58 | 68.20 | -3.62 | Peak | 156 | 320 | P |
| 11 | 11550.00 | 17.79 | 28.01 | 45.80 | 54.00 | -8.20 | Average | 100 | 120 | P |
| 12 | 11550.00 | 17.79 | 40.78 | 58.57 | 74.00 | -15.43 | Peak | 100 | 120 | P |
| 13 | 17325.00 | 24.20 | 40.91 | 65.11 | 68.20 | -3.09 | Peak | 100 | 317 | P |

Note: Level=Reading+Factor
 Margin=Level-Limit
 Factor=Antenna Factor + cable loss - Amplifier Factor