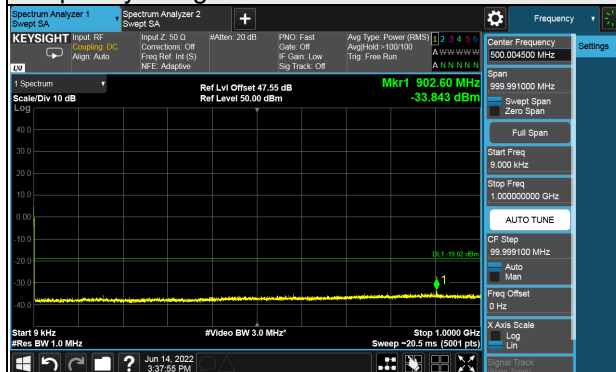


20MHz-Ant. TX 3

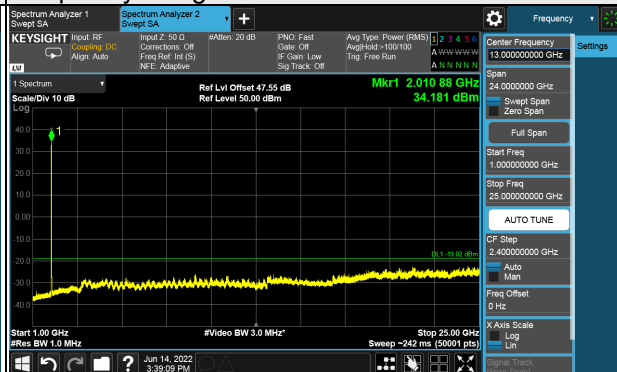
QPSK

Ch 401000 (2005.0MHz)

Frequency Range : 9kHz~1GHz

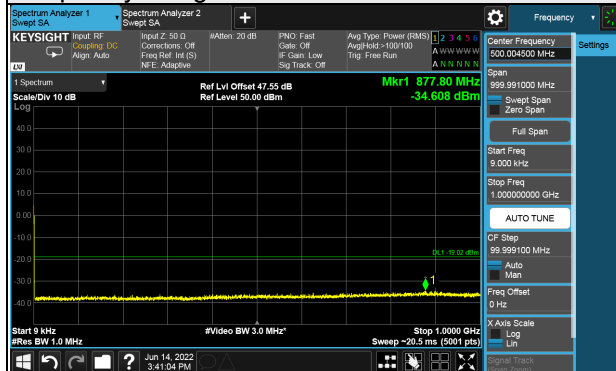


Frequency Range : 1GHz~25GHz

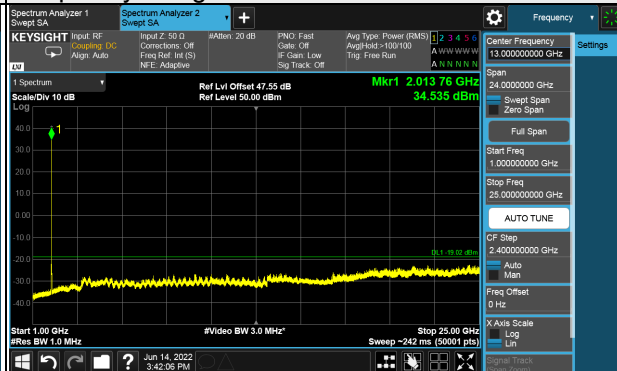


Ch 401500 (2007.5MHz)

Frequency Range : 9kHz~1GHz

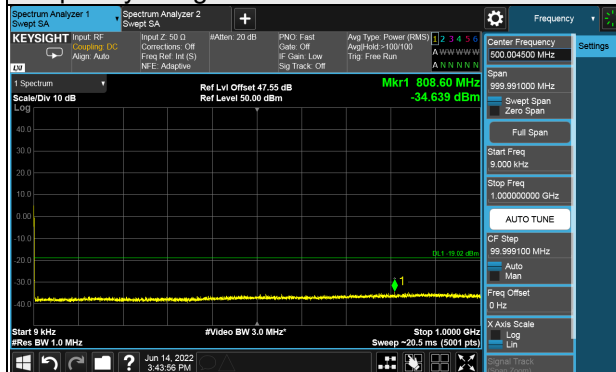


Frequency Range : 1GHz~25GHz

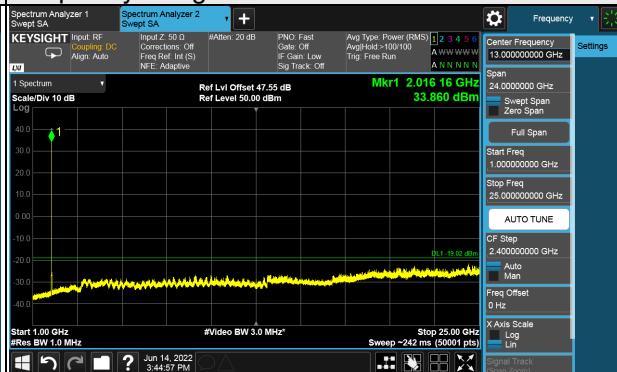


Ch 402000 (2010.0MHz)

Frequency Range : 9kHz~1GHz

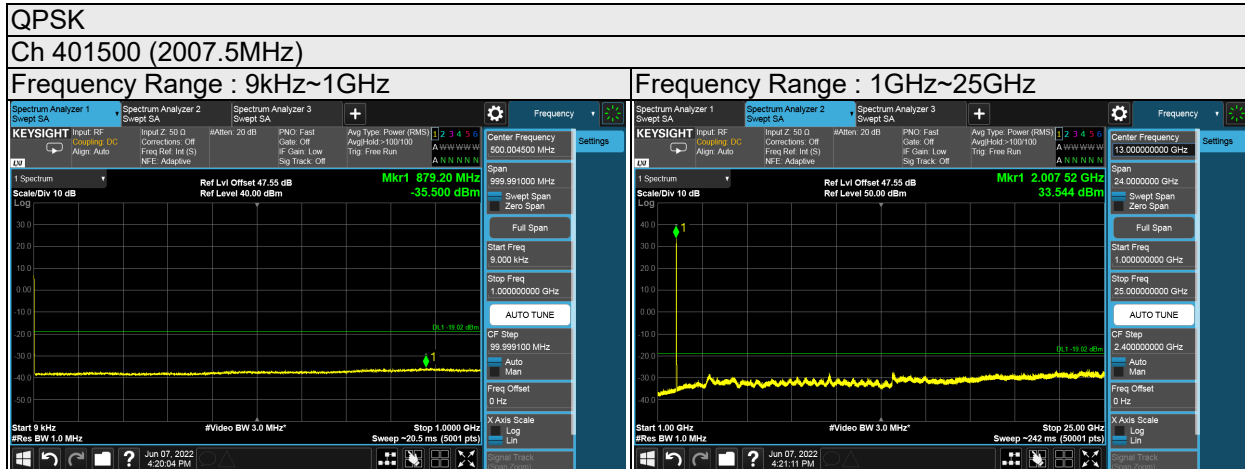


Frequency Range : 1GHz~25GHz



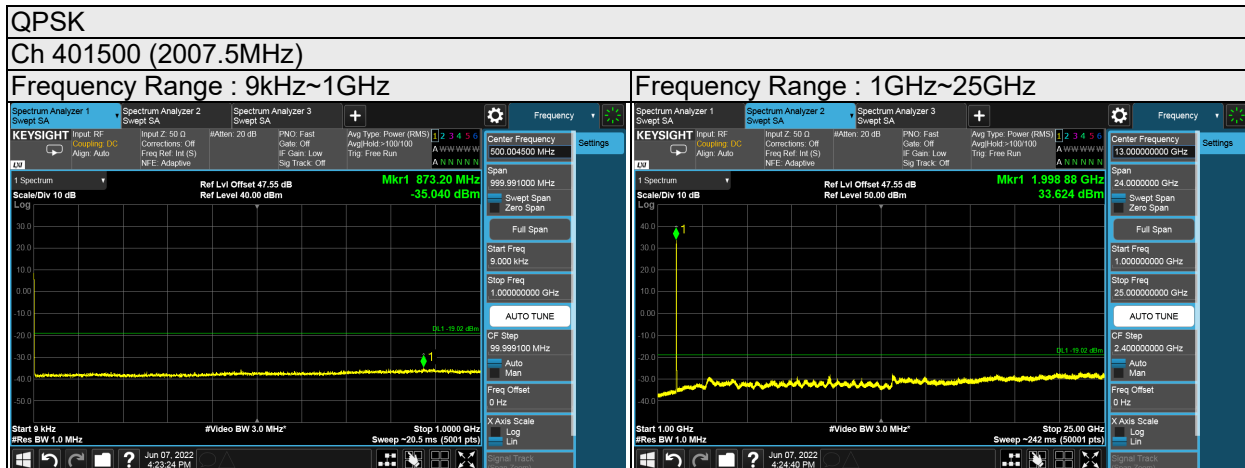
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

25MHz-Ant. TX 0



Note: The signal at 9 kHz is IF signal from spectrum analyzer.

25MHz-Ant. TX 1



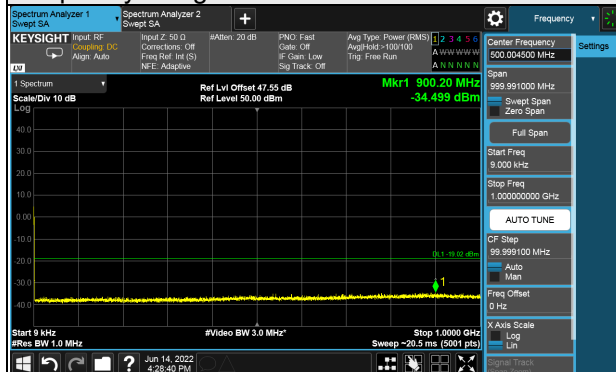
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

25MHz-Ant. TX 2

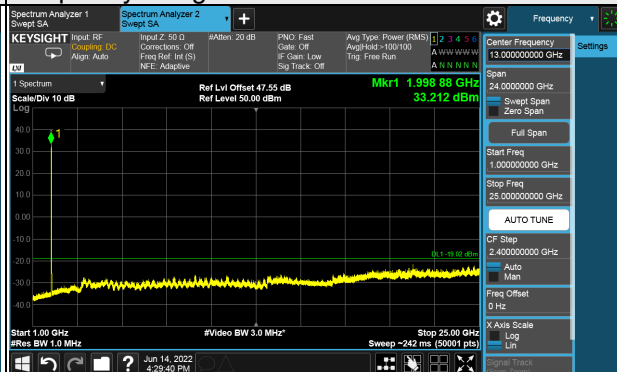
QPSK

Ch 401500 (2007.5MHz)

Frequency Range : 9kHz~1GHz



Frequency Range : 1GHz~25GHz



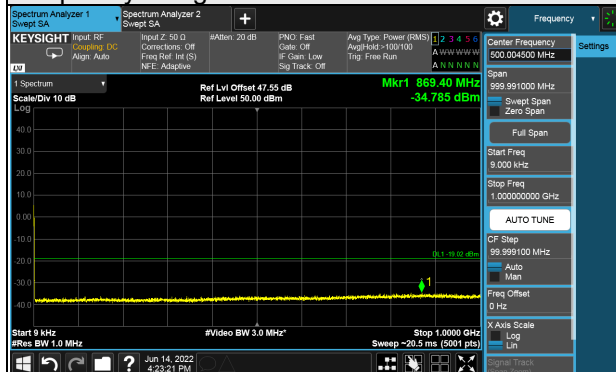
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

25MHz-Ant. TX 3

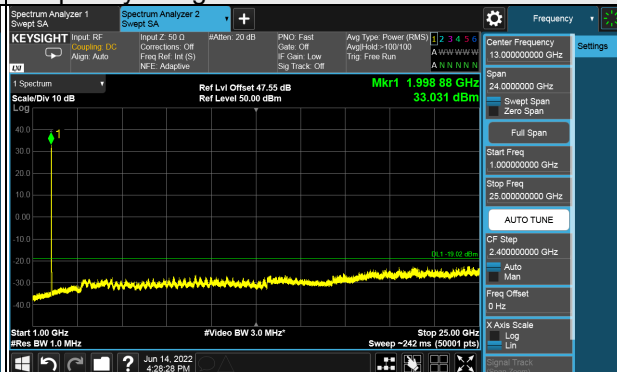
QPSK

Ch 401500 (2007.5MHz)

Frequency Range : 9kHz~1GHz



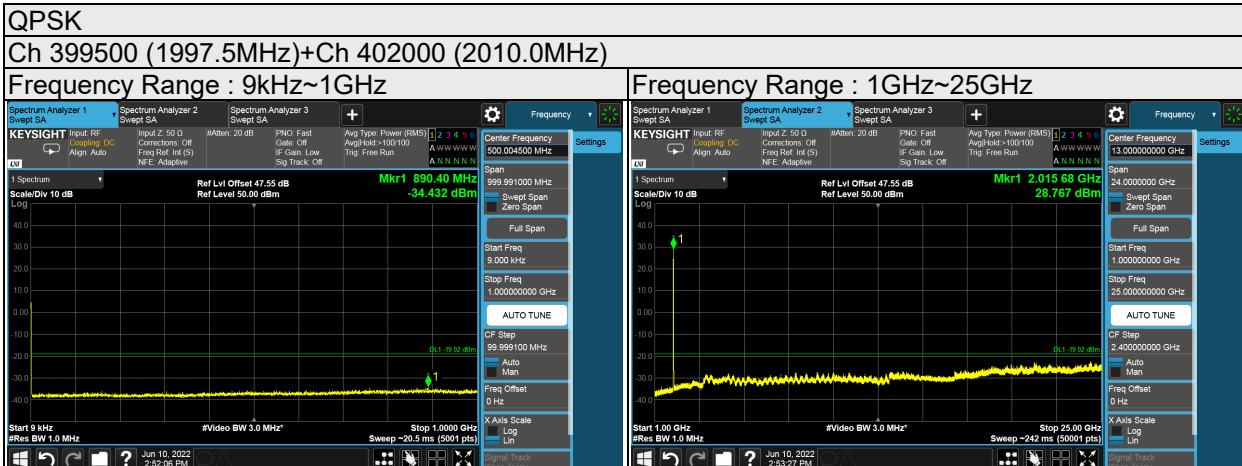
Frequency Range : 1GHz~25GHz



Note: The signal at 9 kHz is IF signal from spectrum analyzer.

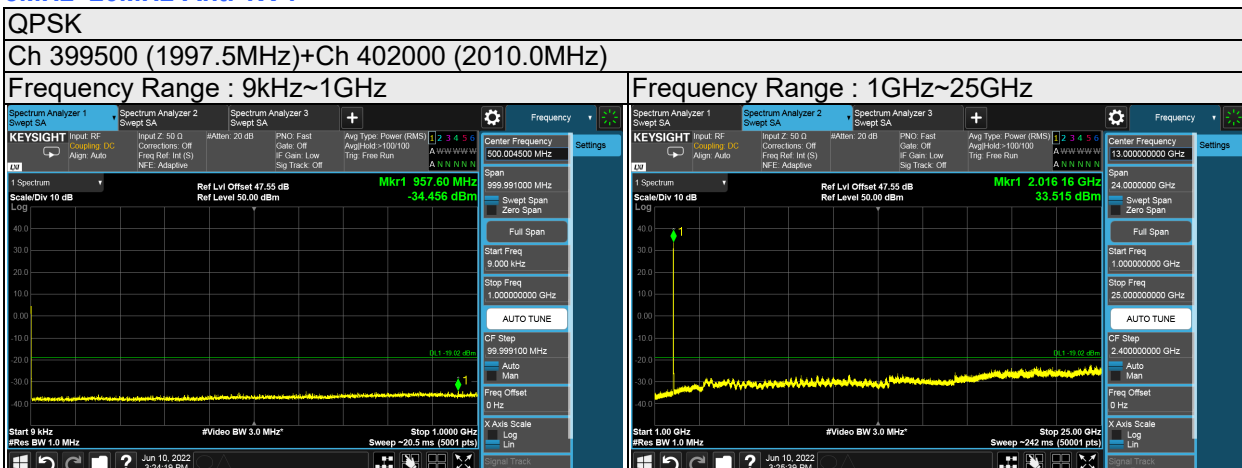
CA Contiguous

5MHz+20MHz-Ant. TX 0



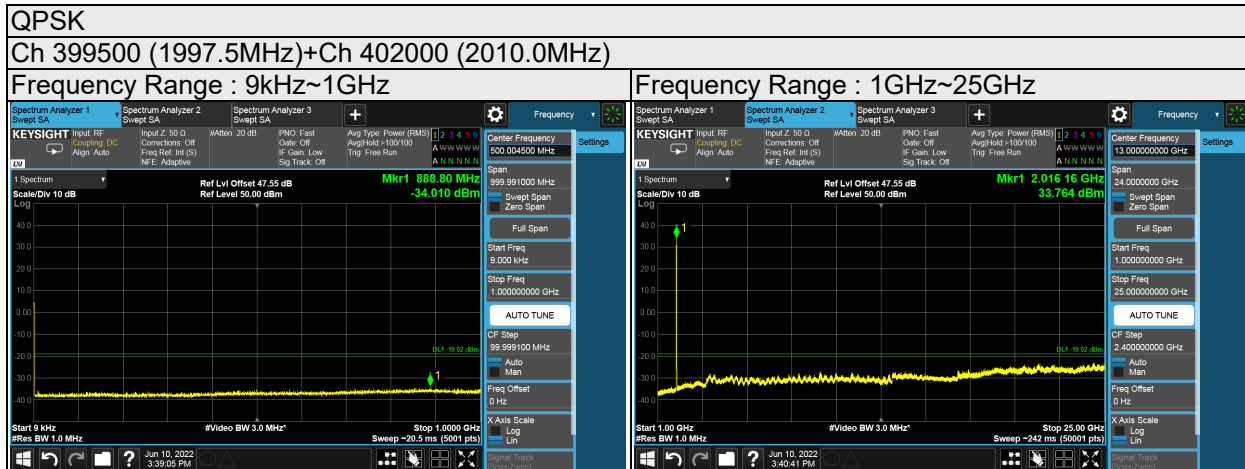
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

5MHz+20MHz-Ant. TX 1



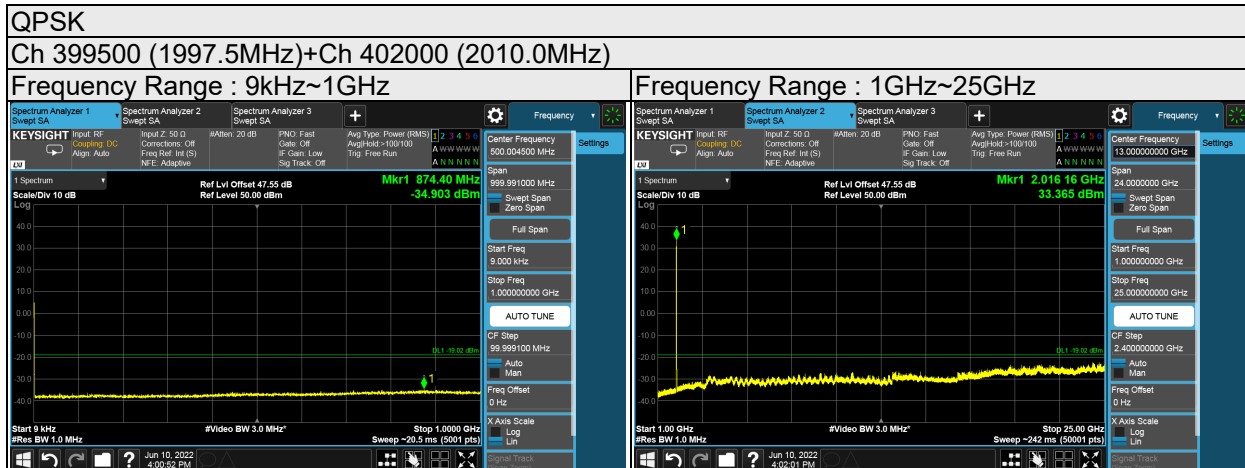
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

5MHz+20MHz-Ant. TX 2



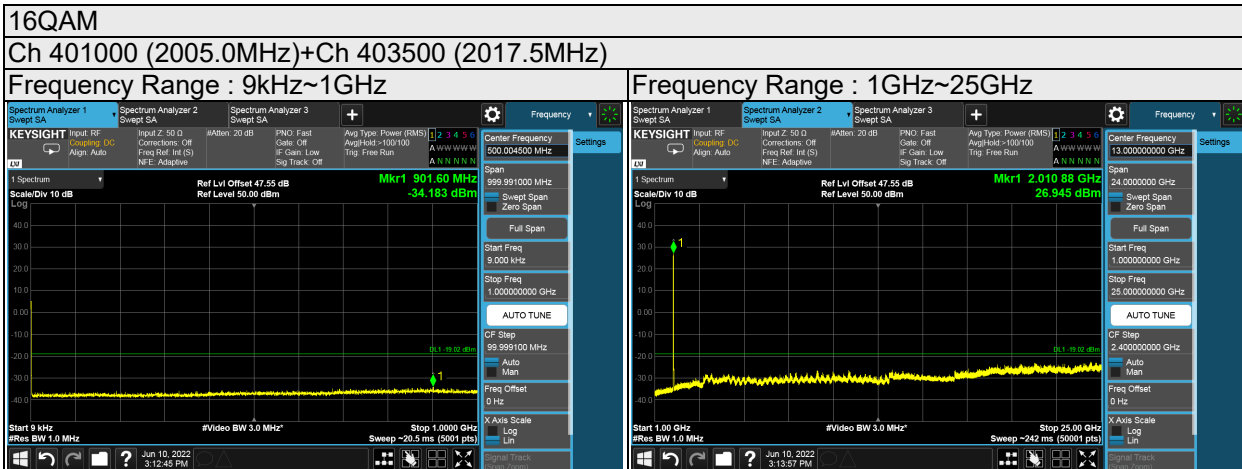
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

5MHz+20MHz-Ant. TX 3



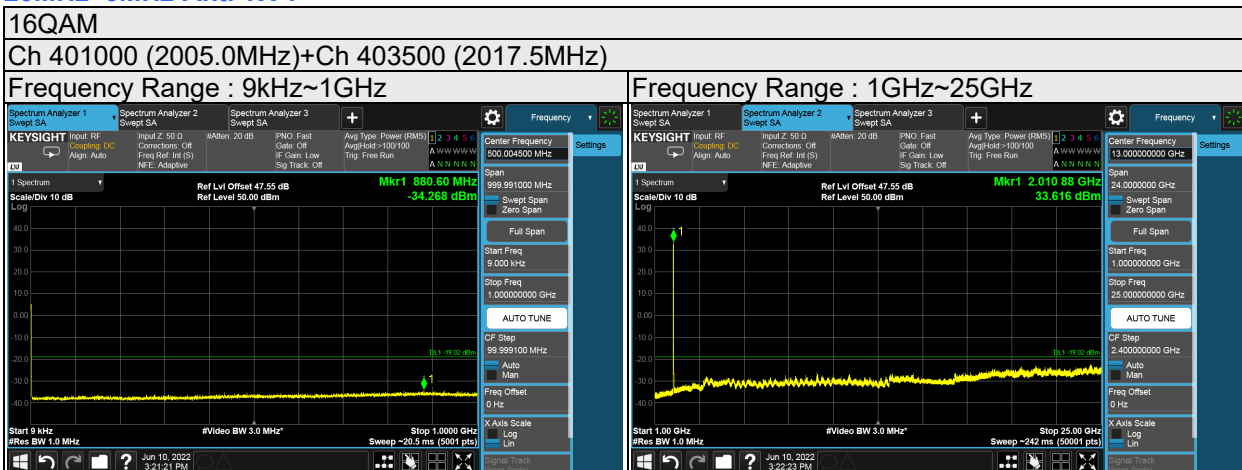
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

20MHz+5MHz-Ant. TX 0



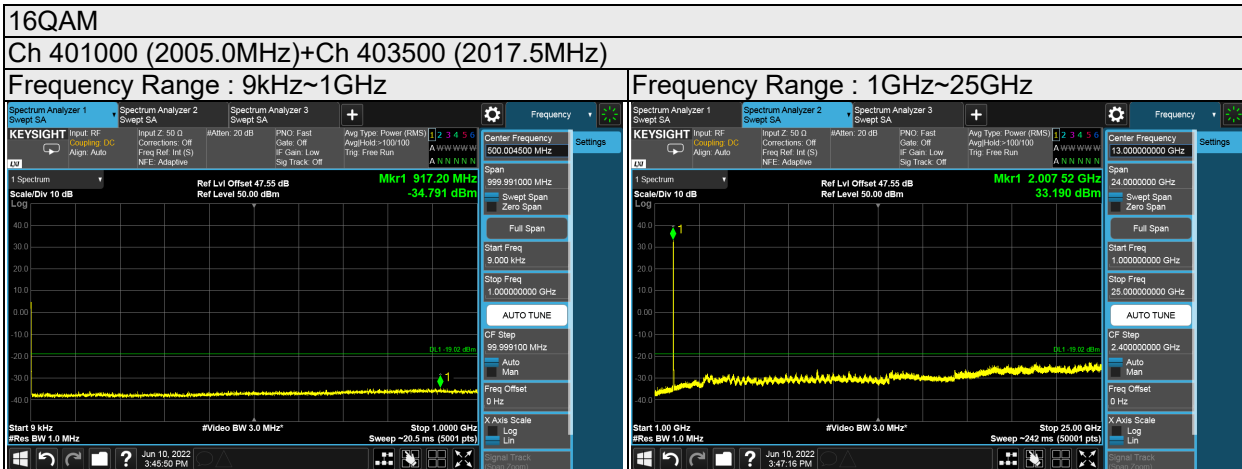
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

20MHz+5MHz-Ant. TX 1



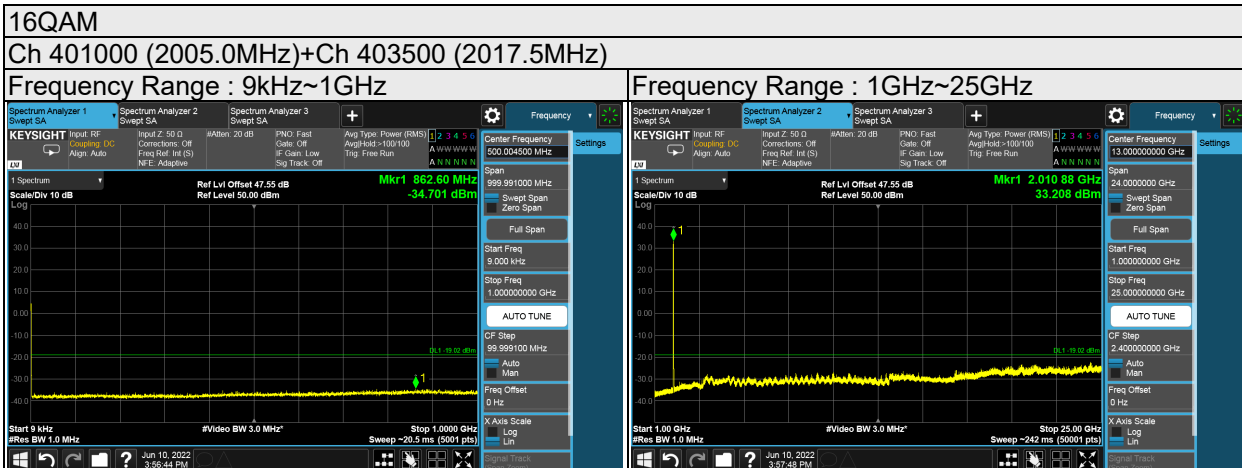
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

20MHz+5MHz-Ant. TX 2



Note: The signal at 9 kHz is IF signal from spectrum analyzer.

20MHz+5MHz-Ant. TX 3



Note: The signal at 9 kHz is IF signal from spectrum analyzer.

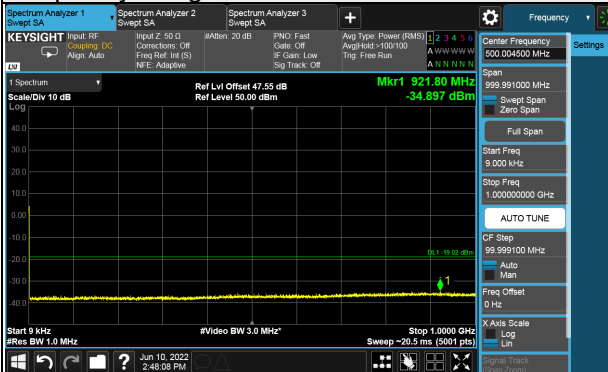
CA-Non-Contiguous

5MHz+5MHz-Ant. TX 0

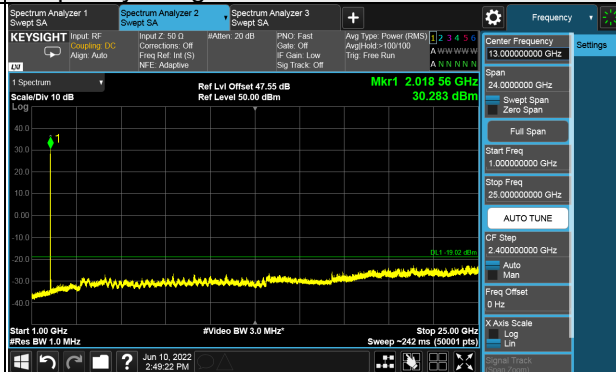
16QAM

Ch 399500 (1997.5MHz)+Ch 403500 (2017.5MHz)

Frequency Range : 9kHz~1GHz



Frequency Range : 1GHz~25GHz



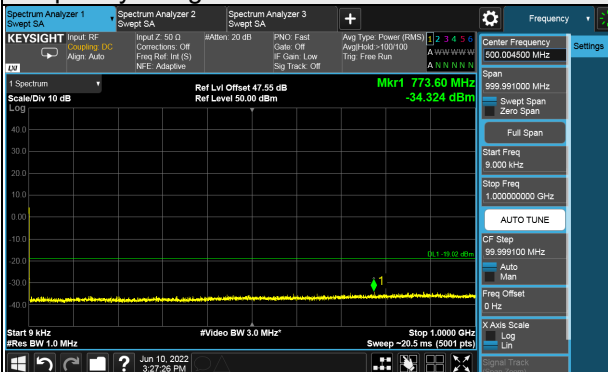
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

5MHz+5MHz-Ant. TX 1

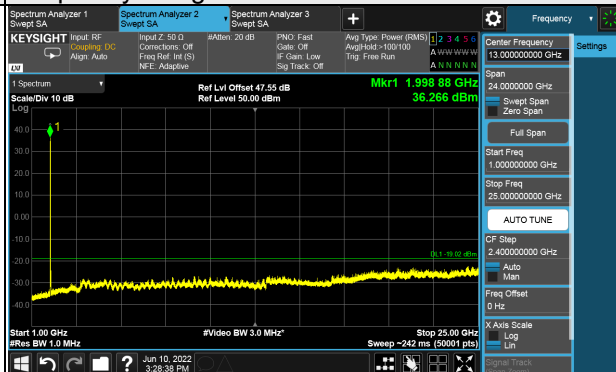
16QAM

Ch 399500 (1997.5MHz)+Ch 403500 (2017.5MHz)

Frequency Range : 9kHz~1GHz

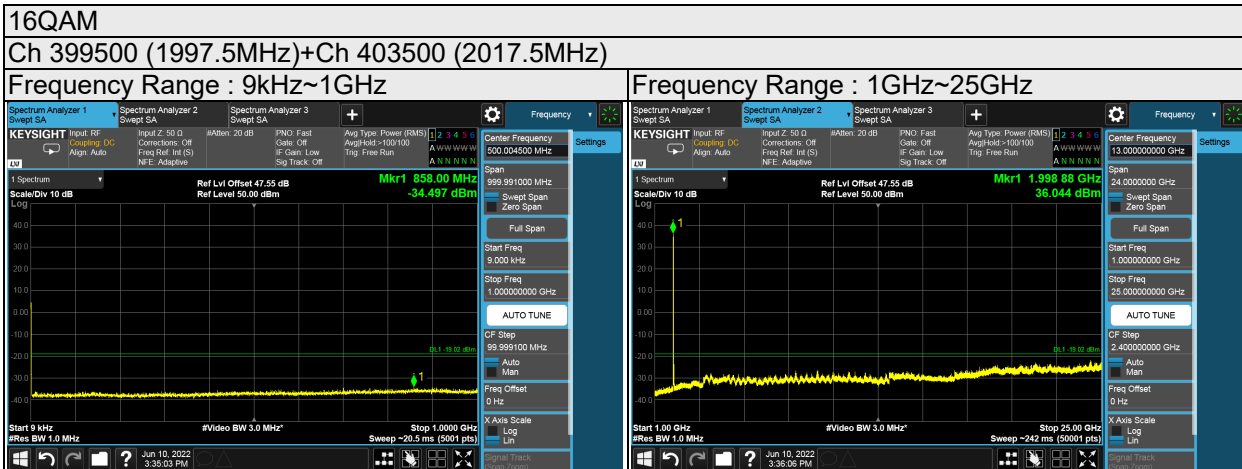


Frequency Range : 1GHz~25GHz



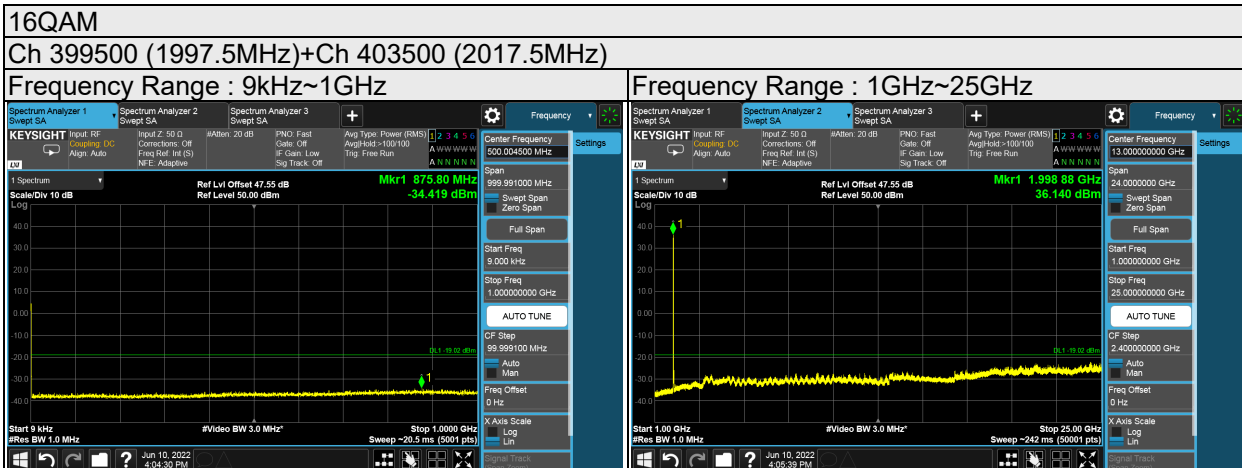
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

5MHz+5MHz-Ant. TX 2



Note: The signal at 9 kHz is IF signal from spectrum analyzer.

5MHz+5MHz-Ant. TX 3



Note: The signal at 9 kHz is IF signal from spectrum analyzer.

4.8 Radiated Emission Measurement

4.8.1 Limits of Radiated Emission Measurement

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log (P)$ dB. The limit of emission is equal to -13 dBm.

4.8.2 Test Procedure

- a. The field strength was measured with Spectrum Analyzer.
- b. Measurement in the semi-anechoic chamber, EUT placed on the 0.8m/1.5m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor.
- c. Perform a field strength measurement and then mathematically convert the measured field strength level to EIRP level.
- d. Follow ANSI C63.26 section 5.2.7 d),

$$E \text{ (dB}\mu\text{V/m)} = \text{Measured amplitude level (dB}\mu\text{V)} + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}.$$

$$\text{EIRP (dBm)} = E \text{ (dB}\mu\text{V/m)} + 20\log(D) - 104.8; \text{ where D is the measurement distance (in the far field region) in m.}$$

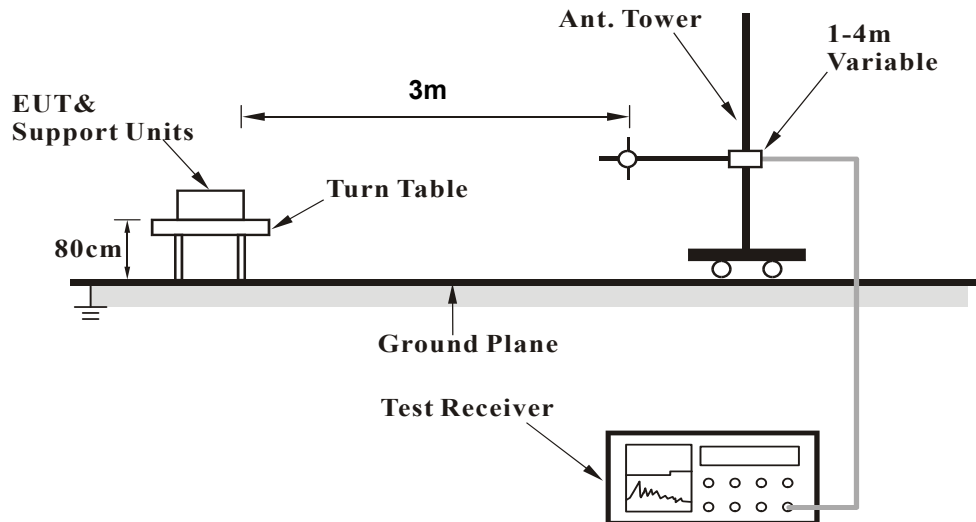
NOTE: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

4.8.3 Deviation from Test Standard

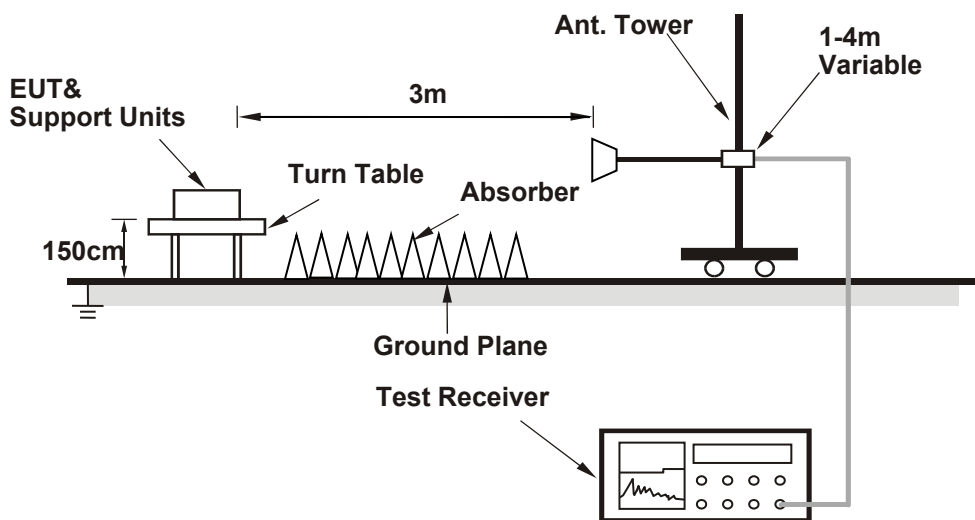
No deviation.

4.8.4 Test Setup

<Frequency Range below 1GHz>



<Frequency Range above 1GHz>



For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.8.5 Test Results

Band n66

Below 1GHz

Single Carrier

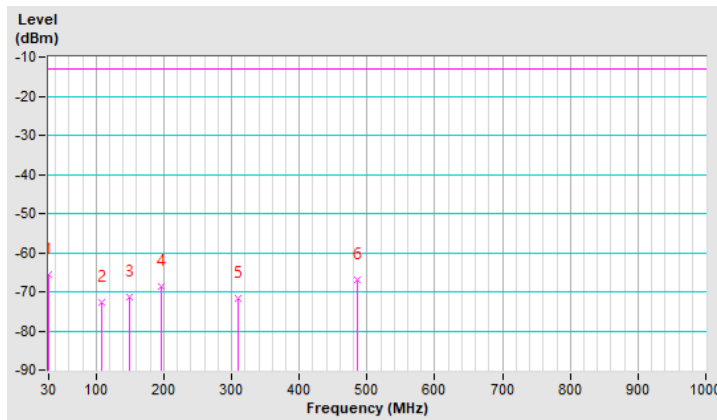
5MHz

| | | | |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 422500 (2112.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.68 | -65.56 | -13.00 | -52.56 | 1.50 H | 126 | 39.05 | -104.61 |
| 2 | 108.93 | -72.73 | -13.00 | -59.73 | 2.00 H | 247 | 33.61 | -106.34 |
| 3 | 149.89 | -71.22 | -13.00 | -58.22 | 1.50 H | 169 | 32.04 | -103.26 |
| 4 | 197.16 | -68.52 | -13.00 | -55.52 | 1.50 H | 68 | 37.88 | -106.40 |
| 5 | 309.65 | -71.68 | -13.00 | -58.68 | 2.00 H | 133 | 30.85 | -102.53 |
| 6 | 485.85 | -67.05 | -13.00 | -54.05 | 1.50 H | 142 | 31.36 | -98.41 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

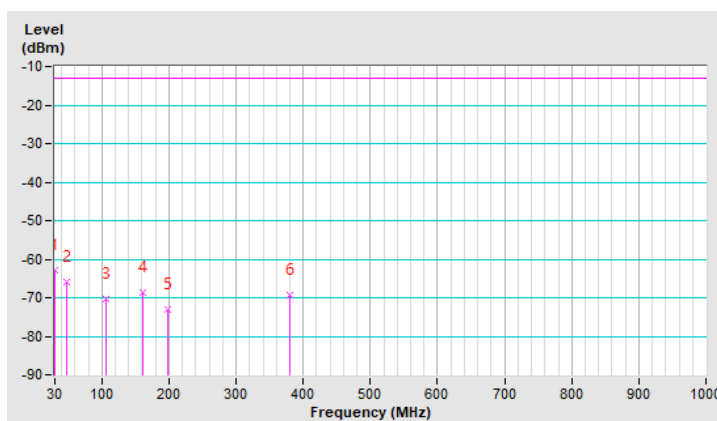


| | | | |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 422500 (2112.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.66 | -62.73 | -13.00 | -49.73 | 1.00 V | 134 | 41.88 | -104.61 |
| 2 | 48.04 | -65.85 | -13.00 | -52.85 | 1.50 V | 57 | 37.53 | -103.38 |
| 3 | 106.09 | -70.42 | -13.00 | -57.42 | 1.00 V | 127 | 36.36 | -106.78 |
| 4 | 160.13 | -68.66 | -13.00 | -55.66 | 1.00 V | 138 | 34.81 | -103.47 |
| 5 | 197.58 | -72.96 | -13.00 | -59.96 | 1.50 V | 237 | 33.45 | -106.41 |
| 6 | 379.65 | -69.34 | -13.00 | -56.34 | 1.00 V | 276 | 31.84 | -101.18 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

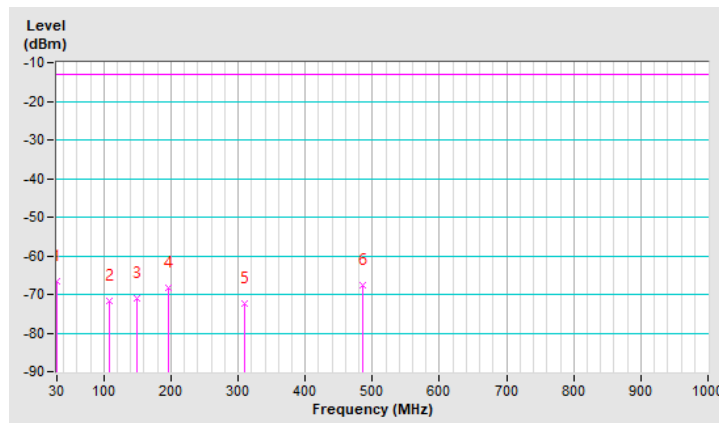


| | | | |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 431000 (2155.0MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.89 | -66.46 | -13.00 | -53.46 | 2.00 H | 129 | 38.23 | -104.69 |
| 2 | 108.45 | -71.73 | -13.00 | -58.73 | 1.50 H | 152 | 34.64 | -106.37 |
| 3 | 149.61 | -71.14 | -13.00 | -58.14 | 2.00 H | 176 | 32.16 | -103.30 |
| 4 | 196.93 | -68.34 | -13.00 | -55.34 | 1.50 H | 234 | 38.06 | -106.40 |
| 5 | 309.56 | -72.23 | -13.00 | -59.23 | 1.50 H | 67 | 30.31 | -102.54 |
| 6 | 485.84 | -67.67 | -13.00 | -54.67 | 1.50 H | 306 | 30.74 | -98.41 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

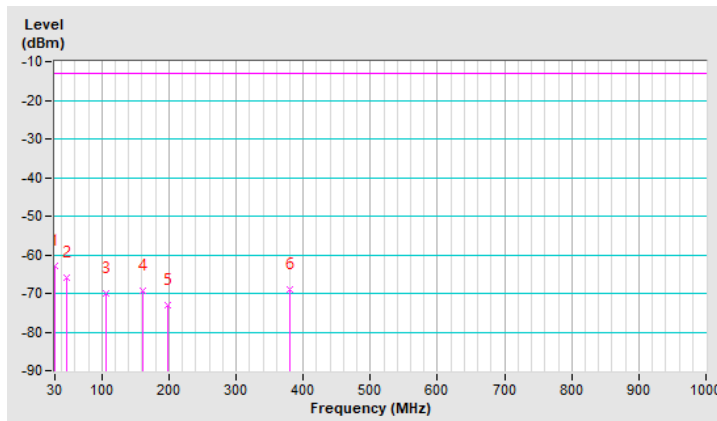


| | | | |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 431000 (2155.0MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.74 | -62.84 | -13.00 | -49.84 | 1.00 V | 133 | 41.80 | -104.64 |
| 2 | 47.91 | -66.05 | -13.00 | -53.05 | 1.00 V | 78 | 37.34 | -103.39 |
| 3 | 106.23 | -70.14 | -13.00 | -57.14 | 1.50 V | 231 | 36.62 | -106.76 |
| 4 | 160.25 | -69.35 | -13.00 | -56.35 | 1.00 V | 222 | 34.14 | -103.49 |
| 5 | 197.64 | -72.96 | -13.00 | -59.96 | 1.50 V | 85 | 33.45 | -106.41 |
| 6 | 379.24 | -69.13 | -13.00 | -56.13 | 1.00 V | 154 | 32.06 | -101.19 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$



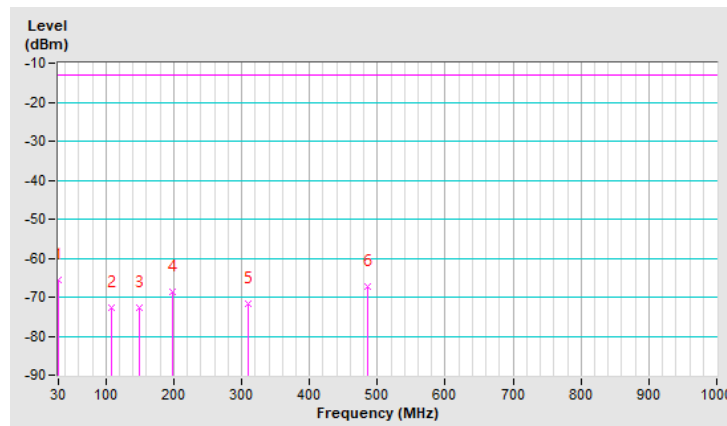
| | | | |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 439500 (2197.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

Antenna Polarity & Test Distance : Horizontal at 3 m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 30.79 | -65.54 | -13.00 | -52.54 | 2.00 H | 143 | 39.11 | -104.65 |
| 2 | 108.69 | -72.69 | -13.00 | -59.69 | 1.50 H | 83 | 33.67 | -106.36 |
| 3 | 149.46 | -72.84 | -13.00 | -59.84 | 1.50 H | 304 | 30.48 | -103.32 |
| 4 | 197.36 | -68.81 | -13.00 | -55.81 | 1.50 H | 175 | 37.60 | -106.41 |
| 5 | 310.05 | -71.61 | -13.00 | -58.61 | 2.00 H | 26 | 30.91 | -102.52 |
| 6 | 486.08 | -67.45 | -13.00 | -54.45 | 1.50 H | 82 | 30.95 | -98.40 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

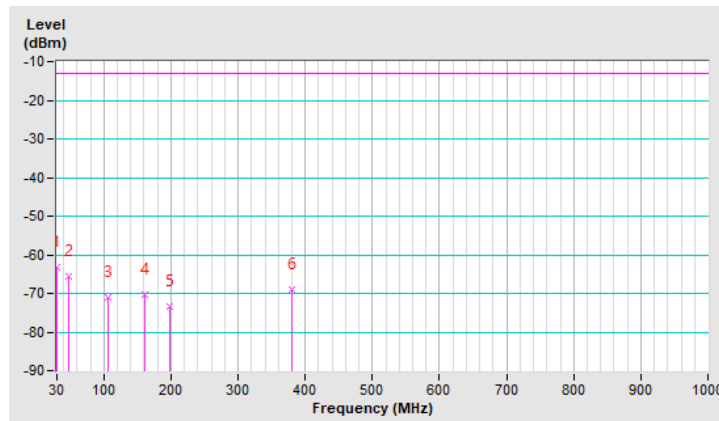


| | | | |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 439500 (2197.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.73 | -63.14 | -13.00 | -50.14 | 1.00 V | 83 | 41.49 | -104.63 |
| 2 | 47.92 | -65.57 | -13.00 | -52.57 | 1.00 V | 157 | 37.82 | -103.39 |
| 3 | 106.43 | -70.89 | -13.00 | -57.89 | 1.50 V | 134 | 35.83 | -106.72 |
| 4 | 160.43 | -70.32 | -13.00 | -57.32 | 1.00 V | 84 | 33.20 | -103.52 |
| 5 | 197.73 | -73.24 | -13.00 | -60.24 | 1.00 V | 171 | 33.17 | -106.41 |
| 6 | 379.18 | -68.89 | -13.00 | -55.89 | 1.00 V | 243 | 32.30 | -101.19 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$



20MHz

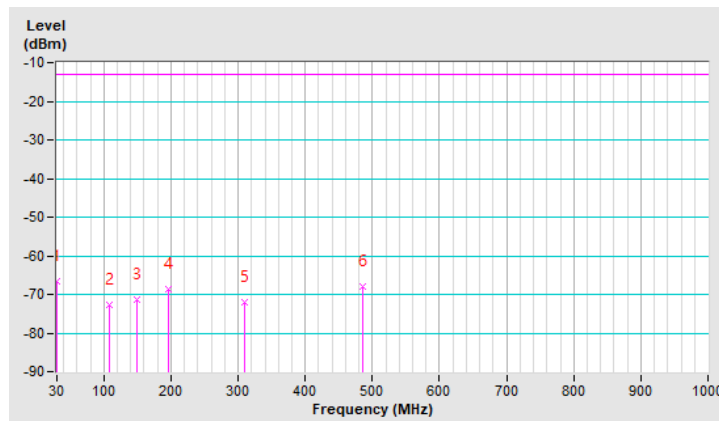
| | | | |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 424000 (2120.0MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

Antenna Polarity & Test Distance : Horizontal at 3 m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 30.58 | -66.51 | -13.00 | -53.51 | 2.00 H | 166 | 38.07 | -104.58 |
| 2 | 108.69 | -72.67 | -13.00 | -59.67 | 1.50 H | 69 | 33.69 | -106.36 |
| 3 | 149.16 | -71.52 | -13.00 | -58.52 | 2.00 H | 284 | 31.84 | -103.36 |
| 4 | 197.12 | -68.50 | -13.00 | -55.50 | 1.50 H | 241 | 37.90 | -106.40 |
| 5 | 309.94 | -72.16 | -13.00 | -59.16 | 1.50 H | 323 | 30.36 | -102.52 |
| 6 | 485.14 | -67.99 | -13.00 | -54.99 | 1.50 H | 278 | 30.44 | -98.43 |

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8

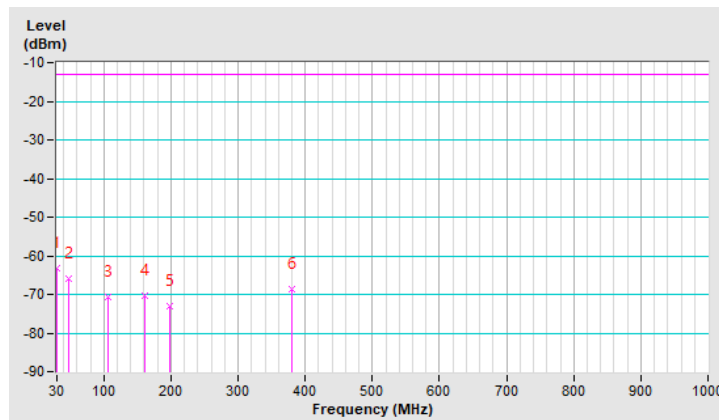


| | | | |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 424000 (2120.0MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.47 | -63.19 | -13.00 | -50.19 | 1.00 V | 121 | 41.35 | -104.54 |
| 2 | 48.09 | -65.84 | -13.00 | -52.84 | 1.00 V | 166 | 37.55 | -103.39 |
| 3 | 106.31 | -70.81 | -13.00 | -57.81 | 1.50 V | 125 | 35.93 | -106.74 |
| 4 | 160.35 | -70.24 | -13.00 | -57.24 | 1.00 V | 69 | 33.27 | -103.51 |
| 5 | 197.64 | -73.11 | -13.00 | -60.11 | 1.00 V | 157 | 33.30 | -106.41 |
| 6 | 379.12 | -68.79 | -13.00 | -55.79 | 1.00 V | 261 | 32.40 | -101.19 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$



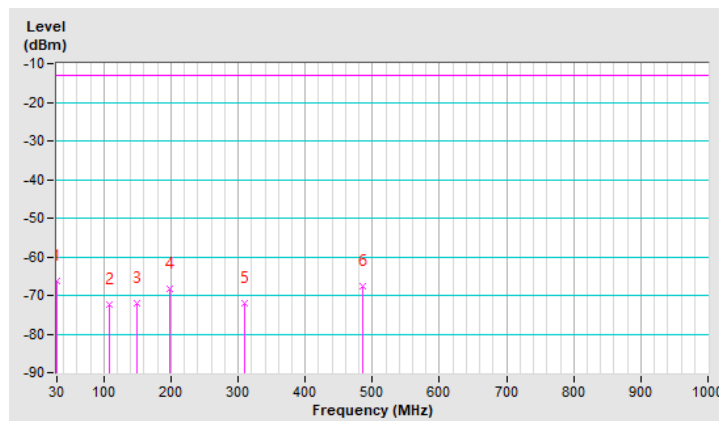
| | | | |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 431000 (2155.0MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

Antenna Polarity & Test Distance : Horizontal at 3 m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 30.56 | -66.33 | -13.00 | -53.33 | 2.00 H | 143 | 38.24 | -104.57 |
| 2 | 108.93 | -72.54 | -13.00 | -59.54 | 1.50 H | 34 | 33.80 | -106.34 |
| 3 | 149.13 | -71.92 | -13.00 | -58.92 | 2.00 H | 313 | 31.44 | -103.36 |
| 4 | 197.27 | -68.38 | -13.00 | -55.38 | 1.50 H | 226 | 38.03 | -106.41 |
| 5 | 310.08 | -71.93 | -13.00 | -58.93 | 1.50 H | 341 | 30.59 | -102.52 |
| 6 | 485.35 | -67.78 | -13.00 | -54.78 | 1.50 H | 243 | 30.64 | -98.42 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

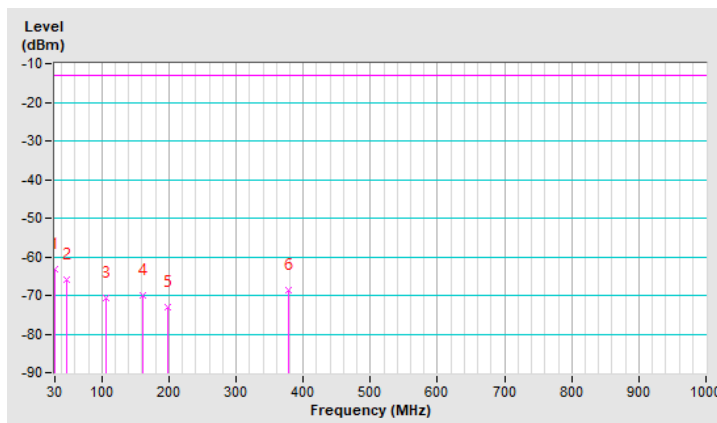


| | | | |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 431000 (2155.0MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.53 | -63.15 | -13.00 | -50.15 | 1.00 V | 143 | 41.41 | -104.56 |
| 2 | 48.03 | -65.77 | -13.00 | -52.77 | 1.00 V | 158 | 37.61 | -103.38 |
| 3 | 106.24 | -70.74 | -13.00 | -57.74 | 1.50 V | 148 | 36.01 | -106.75 |
| 4 | 160.27 | -70.15 | -13.00 | -57.15 | 1.00 V | 84 | 33.34 | -103.49 |
| 5 | 197.55 | -73.02 | -13.00 | -60.02 | 1.00 V | 187 | 33.39 | -106.41 |
| 6 | 379.05 | -68.69 | -13.00 | -55.69 | 1.00 V | 245 | 32.50 | -101.19 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

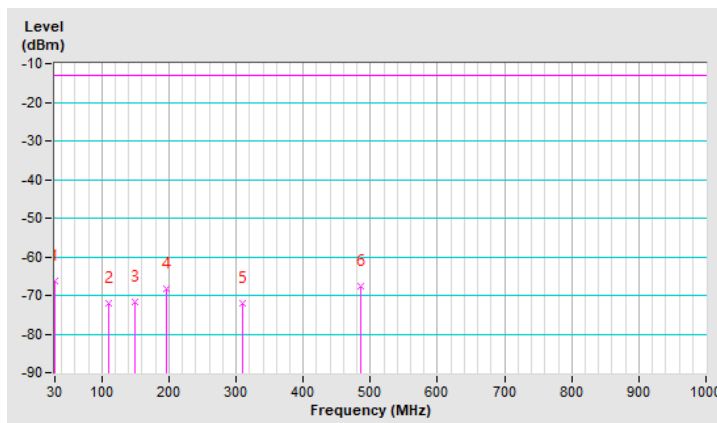


| | | | |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 438000 (2190.0MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.69 | -66.23 | -13.00 | -53.23 | 2.00 H | 126 | 38.39 | -104.62 |
| 2 | 109.30 | -71.95 | -13.00 | -58.95 | 1.50 H | 81 | 34.37 | -106.32 |
| 3 | 149.09 | -71.75 | -13.00 | -58.75 | 2.00 H | 294 | 31.62 | -103.37 |
| 4 | 197.11 | -68.45 | -13.00 | -55.45 | 1.50 H | 204 | 37.95 | -106.40 |
| 5 | 309.88 | -71.87 | -13.00 | -58.87 | 1.50 H | 328 | 30.65 | -102.52 |
| 6 | 485.27 | -67.52 | -13.00 | -54.52 | 1.50 H | 261 | 30.90 | -98.42 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

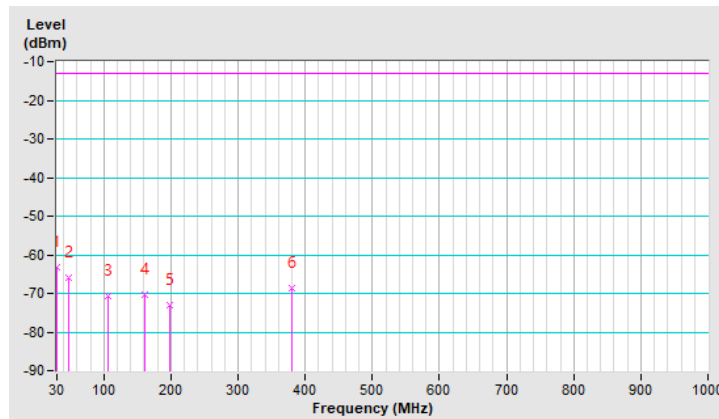


| | | | |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 438000 (2190.0MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.61 | -63.34 | -13.00 | -50.34 | 1.00 V | 128 | 41.25 | -104.59 |
| 2 | 48.18 | -65.86 | -13.00 | -52.86 | 1.00 V | 162 | 37.54 | -103.40 |
| 3 | 106.39 | -70.81 | -13.00 | -57.81 | 1.50 V | 127 | 35.92 | -106.73 |
| 4 | 160.37 | -70.23 | -13.00 | -57.23 | 1.00 V | 63 | 33.28 | -103.51 |
| 5 | 197.66 | -73.12 | -13.00 | -60.12 | 1.00 V | 163 | 33.29 | -106.41 |
| 6 | 379.18 | -68.79 | -13.00 | -55.79 | 1.00 V | 227 | 32.40 | -101.19 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$



CA Contiguous

20MHz+20MHz

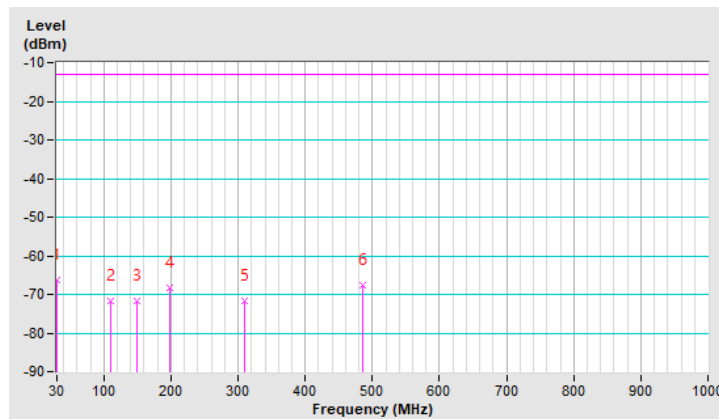
| | | | |
|----------------|---|-----------------|----------------|
| Test Frequency | Ch 424000 (2120.0MHz)+ Ch 428000 (2140.0MHz) | Frequency Range | Below 1000 MHz |
|----------------|---|-----------------|----------------|

Antenna Polarity & Test Distance : Horizontal at 3 m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 30.64 | -66.14 | -13.00 | -53.14 | 2.00 H | 144 | 38.46 | -104.60 |
| 2 | 109.39 | -71.85 | -13.00 | -58.85 | 1.50 H | 59 | 34.46 | -106.31 |
| 3 | 149.19 | -71.64 | -13.00 | -58.64 | 2.00 H | 287 | 31.72 | -103.36 |
| 4 | 197.21 | -68.36 | -13.00 | -55.36 | 1.50 H | 226 | 38.04 | -106.40 |
| 5 | 309.97 | -71.78 | -13.00 | -58.78 | 1.50 H | 343 | 30.74 | -102.52 |
| 6 | 485.36 | -67.47 | -13.00 | -54.47 | 1.50 H | 243 | 30.95 | -98.42 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

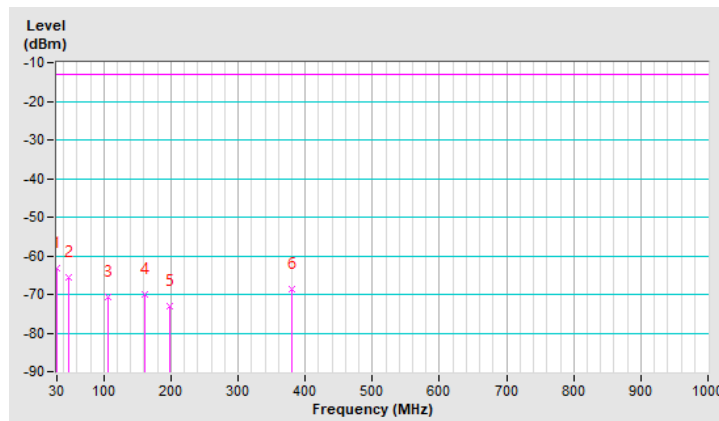


| | | | |
|----------------|---|-----------------|----------------|
| Test Frequency | Ch 424000 (2120.0MHz)+ Ch 428000 (2140.0MHz) | Frequency Range | Below 1000 MHz |
|----------------|---|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.68 | -63.25 | -13.00 | -50.25 | 1.00 V | 144 | 41.36 | -104.61 |
| 2 | 48.25 | -65.76 | -13.00 | -52.76 | 1.00 V | 144 | 37.65 | -103.41 |
| 3 | 106.45 | -70.76 | -13.00 | -57.76 | 1.50 V | 142 | 35.95 | -106.71 |
| 4 | 160.45 | -70.14 | -13.00 | -57.14 | 1.00 V | 42 | 33.38 | -103.52 |
| 5 | 197.73 | -73.05 | -13.00 | -60.05 | 1.00 V | 189 | 33.36 | -106.41 |
| 6 | 379.26 | -68.69 | -13.00 | -55.69 | 1.00 V | 241 | 32.50 | -101.19 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

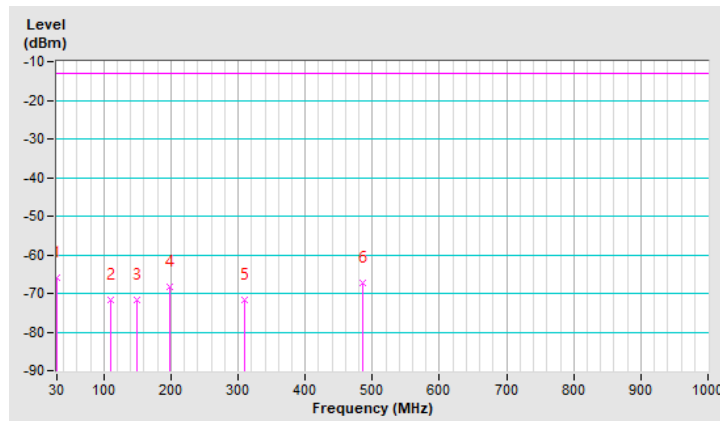


| | | | |
|----------------|---|-----------------|----------------|
| Test Frequency | Ch 429000 (2145.0MHz)+ Ch 433000 (2165.0MHz) | Frequency Range | Below 1000 MHz |
|----------------|---|-----------------|----------------|

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.73 | -66.03 | -13.00 | -53.03 | 2.00 H | 127 | 38.60 | -104.63 |
| 2 | 109.46 | -71.75 | -13.00 | -58.75 | 1.50 H | 47 | 34.56 | -106.31 |
| 3 | 149.26 | -71.58 | -13.00 | -58.58 | 2.00 H | 306 | 31.77 | -103.35 |
| 4 | 197.27 | -68.28 | -13.00 | -55.28 | 1.50 H | 202 | 38.13 | -106.41 |
| 5 | 310.02 | -71.69 | -13.00 | -58.69 | 1.50 H | 312 | 30.83 | -102.52 |
| 6 | 485.41 | -67.42 | -13.00 | -54.42 | 1.50 H | 255 | 31.00 | -98.42 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

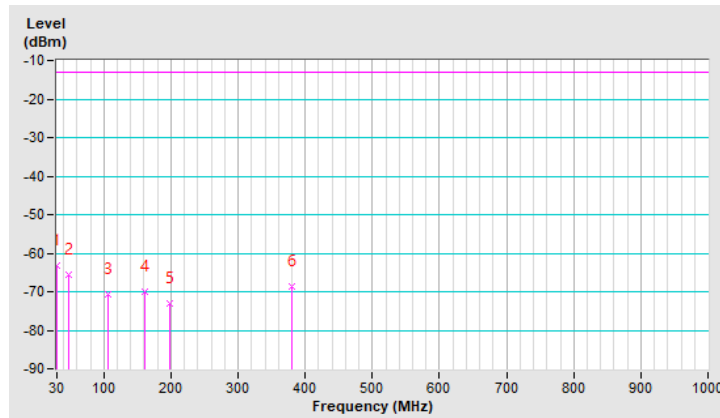


| | | | |
|----------------|---|-----------------|----------------|
| Test Frequency | Ch 429000 (2145.0MHz)+ Ch 433000 (2165.0MHz) | Frequency Range | Below 1000 MHz |
|----------------|---|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.76 | -63.19 | -13.00 | -50.19 | 1.00 V | 164 | 41.45 | -104.64 |
| 2 | 48.32 | -65.69 | -13.00 | -52.69 | 1.00 V | 129 | 37.73 | -103.42 |
| 3 | 106.53 | -70.69 | -13.00 | -57.69 | 1.50 V | 157 | 36.01 | -106.70 |
| 4 | 160.52 | -70.08 | -13.00 | -57.08 | 1.00 V | 65 | 33.45 | -103.53 |
| 5 | 197.80 | -72.99 | -13.00 | -59.99 | 1.00 V | 175 | 33.43 | -106.42 |
| 6 | 379.33 | -68.63 | -13.00 | -55.63 | 1.00 V | 265 | 32.56 | -101.19 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$



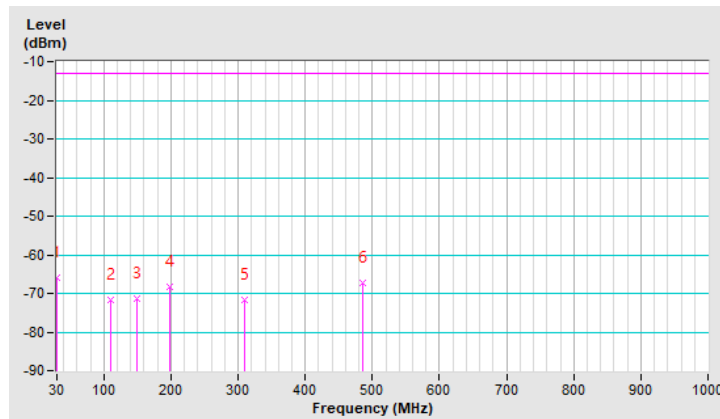
| | | | |
|----------------|---|-----------------|----------------|
| Test Frequency | Ch 434000 (2170.0MHz)+ Ch 438000 (2190.0MHz) | Frequency Range | Below 1000 MHz |
|----------------|---|-----------------|----------------|

Antenna Polarity & Test Distance : Horizontal at 3 m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 30.81 | -65.97 | -13.00 | -52.97 | 2.00 H | 141 | 38.69 | -104.66 |
| 2 | 109.52 | -71.69 | -13.00 | -58.69 | 1.50 H | 62 | 34.61 | -106.30 |
| 3 | 149.32 | -71.51 | -13.00 | -58.51 | 2.00 H | 286 | 31.83 | -103.34 |
| 4 | 197.35 | -68.21 | -13.00 | -55.21 | 1.50 H | 189 | 38.20 | -106.41 |
| 5 | 310.08 | -71.62 | -13.00 | -58.62 | 1.50 H | 324 | 30.90 | -102.52 |
| 6 | 485.48 | -67.35 | -13.00 | -54.35 | 1.50 H | 243 | 31.07 | -98.42 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

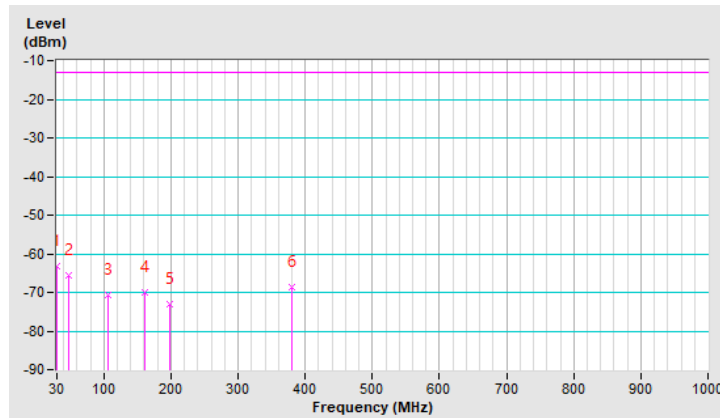


| | | | |
|----------------|---|-----------------|----------------|
| Test Frequency | Ch 434000 (2170.0MHz)+ Ch 438000 (2190.0MHz) | Frequency Range | Below 1000 MHz |
|----------------|---|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.83 | -63.13 | -13.00 | -50.13 | 1.00 V | 172 | 41.54 | -104.67 |
| 2 | 48.37 | -65.64 | -13.00 | -52.64 | 1.00 V | 112 | 37.78 | -103.42 |
| 3 | 106.59 | -70.64 | -13.00 | -57.64 | 1.50 V | 168 | 36.05 | -106.69 |
| 4 | 160.61 | -70.03 | -13.00 | -57.03 | 1.00 V | 43 | 33.52 | -103.55 |
| 5 | 197.86 | -73.17 | -13.00 | -60.17 | 1.00 V | 162 | 33.25 | -106.42 |
| 6 | 379.39 | -68.72 | -13.00 | -55.72 | 1.00 V | 247 | 32.47 | -101.19 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$



CA-Non-Contiguous

5MHz+5MHz

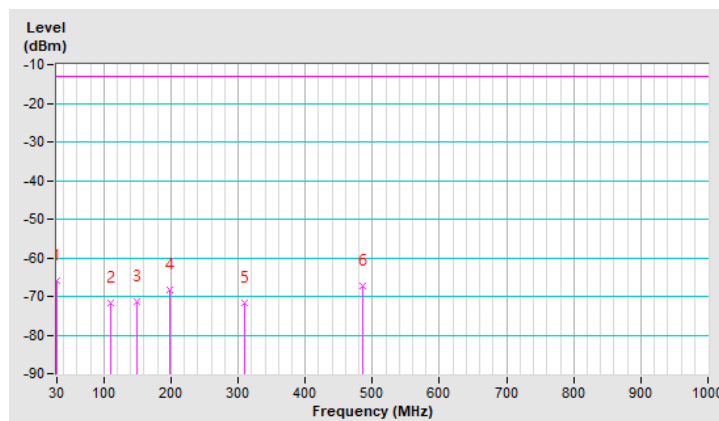
| | | | |
|----------------|--|-----------------|----------------|
| Test Frequency | Ch 422500 (2112.5MHz)+ Ch 433500 (2167.5MHz), | Frequency Range | Below 1000 MHz |
|----------------|--|-----------------|----------------|

Antenna Polarity & Test Distance : Horizontal at 3 m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 30.88 | -66.06 | -13.00 | -53.06 | 2.00 H | 122 | 38.63 | -104.69 |
| 2 | 109.60 | -71.57 | -13.00 | -58.57 | 1.50 H | 43 | 34.73 | -106.30 |
| 3 | 149.40 | -71.47 | -13.00 | -58.47 | 2.00 H | 274 | 31.86 | -103.33 |
| 4 | 197.41 | -68.15 | -13.00 | -55.15 | 1.50 H | 174 | 38.26 | -106.41 |
| 5 | 310.13 | -71.55 | -13.00 | -58.55 | 1.50 H | 351 | 30.96 | -102.51 |
| 6 | 485.54 | -67.28 | -13.00 | -54.28 | 1.50 H | 227 | 31.14 | -98.42 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

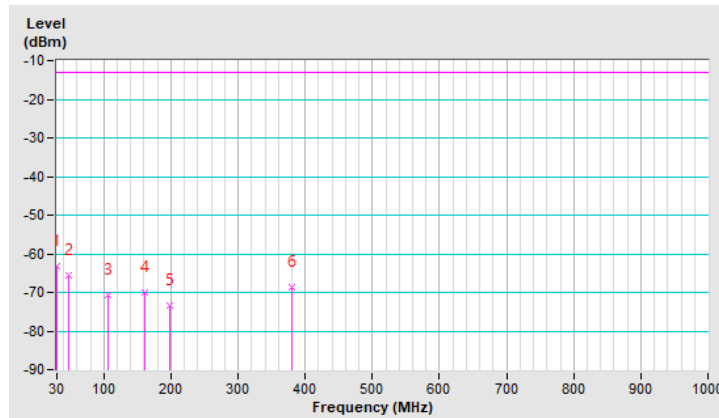


| | | | |
|----------------|--|-----------------|----------------|
| Test Frequency | Ch 422500 (2112.5MHz)+ Ch 433500 (2167.5MHz), | Frequency Range | Below 1000 MHz |
|----------------|--|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.76 | -63.19 | -13.00 | -50.19 | 1.00 V | 164 | 41.45 | -104.64 |
| 2 | 48.30 | -65.71 | -13.00 | -52.71 | 1.00 V | 125 | 37.70 | -103.41 |
| 3 | 106.53 | -70.71 | -13.00 | -57.71 | 1.50 V | 174 | 35.99 | -106.70 |
| 4 | 160.55 | -70.11 | -13.00 | -57.11 | 1.00 V | 32 | 33.43 | -103.54 |
| 5 | 197.79 | -73.23 | -13.00 | -60.23 | 1.00 V | 144 | 33.19 | -106.42 |
| 6 | 379.31 | -68.78 | -13.00 | -55.78 | 1.00 V | 268 | 32.41 | -101.19 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

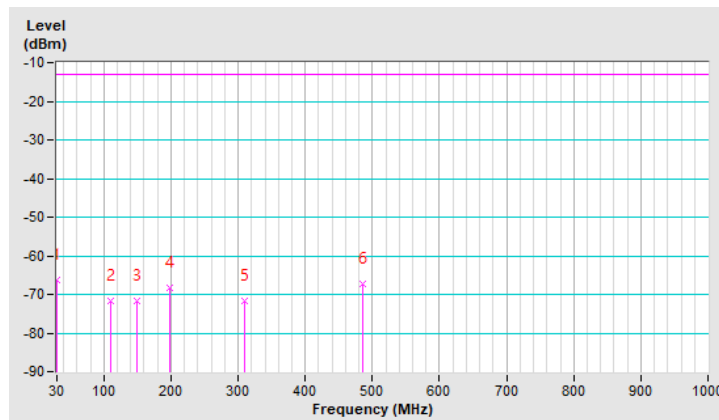


| | | | |
|----------------|---|-----------------|----------------|
| Test Frequency | Ch 425500 (2127.5MHz)+ Ch 436500 (2182.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|---|-----------------|----------------|

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.94 | -66.12 | -13.00 | -53.12 | 2.00 H | 152 | 38.59 | -104.71 |
| 2 | 109.55 | -71.64 | -13.00 | -58.64 | 1.50 H | 64 | 34.66 | -106.30 |
| 3 | 149.33 | -71.53 | -13.00 | -58.53 | 2.00 H | 259 | 31.81 | -103.34 |
| 4 | 197.33 | -68.21 | -13.00 | -55.21 | 1.50 H | 162 | 38.20 | -106.41 |
| 5 | 310.07 | -71.61 | -13.00 | -58.61 | 1.50 H | 323 | 30.91 | -102.52 |
| 6 | 485.46 | -67.36 | -13.00 | -54.36 | 1.50 H | 234 | 31.06 | -98.42 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$



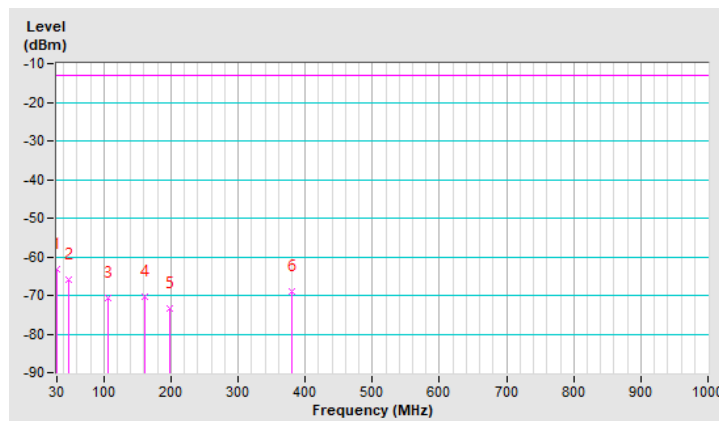
| | | | |
|----------------|---|-----------------|----------------|
| Test Frequency | Ch 425500 (2127.5MHz)+ Ch 436500 (2182.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|---|-----------------|----------------|

Antenna Polarity & Test Distance : Vertical at 3m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 30.70 | -63.24 | -13.00 | -50.24 | 1.00 V | 168 | 41.38 | -104.62 |
| 2 | 48.23 | -65.81 | -13.00 | -52.81 | 1.00 V | 114 | 37.60 | -103.41 |
| 3 | 106.46 | -70.79 | -13.00 | -57.79 | 1.50 V | 182 | 35.92 | -106.71 |
| 4 | 160.47 | -70.19 | -13.00 | -57.19 | 1.00 V | 54 | 33.34 | -103.53 |
| 5 | 197.73 | -73.34 | -13.00 | -60.34 | 1.00 V | 166 | 33.07 | -106.41 |
| 6 | 379.24 | -68.84 | -13.00 | -55.84 | 1.00 V | 284 | 32.35 | -101.19 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

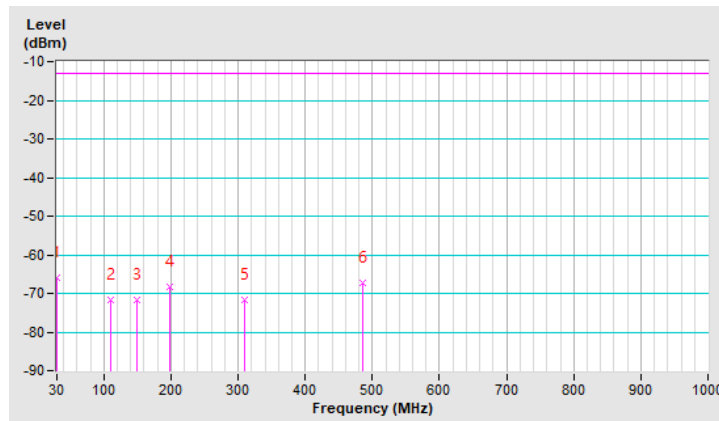


| | | | |
|----------------|---|-----------------|----------------|
| Test Frequency | Ch 428500 (2142.5MHz)+ Ch 439500 (2197.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|---|-----------------|----------------|

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.89 | -65.94 | -13.00 | -52.94 | 2.00 H | 145 | 38.75 | -104.69 |
| 2 | 109.47 | -71.78 | -13.00 | -58.78 | 1.50 H | 53 | 34.53 | -106.31 |
| 3 | 149.25 | -71.59 | -13.00 | -58.59 | 2.00 H | 242 | 31.76 | -103.35 |
| 4 | 197.27 | -68.30 | -13.00 | -55.30 | 1.50 H | 153 | 38.11 | -106.41 |
| 5 | 310.01 | -71.69 | -13.00 | -58.69 | 1.50 H | 346 | 30.83 | -102.52 |
| 6 | 485.38 | -67.42 | -13.00 | -54.42 | 1.50 H | 212 | 31.00 | -98.42 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$



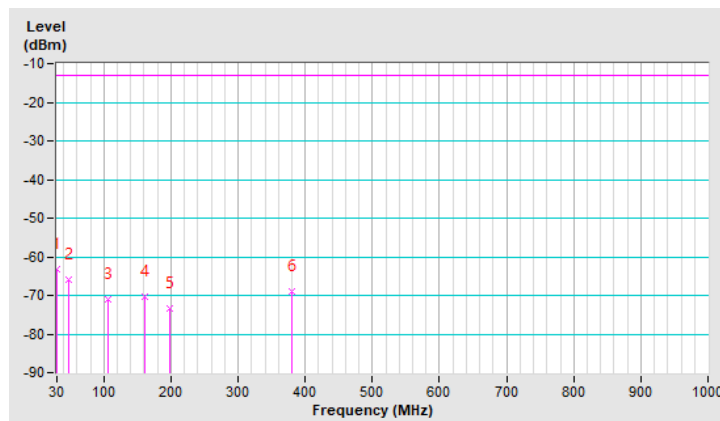
| | | | |
|----------------|---|-----------------|----------------|
| Test Frequency | Ch 428500 (2142.5MHz)+ Ch 439500 (2197.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|---|-----------------|----------------|

Antenna Polarity & Test Distance : Vertical at 3m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 30.64 | -63.31 | -13.00 | -50.31 | 1.00 V | 143 | 41.29 | -104.60 |
| 2 | 48.17 | -65.88 | -13.00 | -52.88 | 1.00 V | 129 | 37.52 | -103.40 |
| 3 | 106.39 | -70.86 | -13.00 | -57.86 | 1.50 V | 197 | 35.87 | -106.73 |
| 4 | 160.39 | -70.24 | -13.00 | -57.24 | 1.00 V | 29 | 33.27 | -103.51 |
| 5 | 197.66 | -73.41 | -13.00 | -60.41 | 1.00 V | 175 | 33.00 | -106.41 |
| 6 | 379.16 | -68.92 | -13.00 | -55.92 | 1.00 V | 298 | 32.27 | -101.19 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$



Above 1GHz

Single Carrier
5MHz

| | | | |
|----------------|-----------------------|-----------------|--------------|
| Test Frequency | Ch 422500 (2112.5MHz) | Frequency Range | 1GHz ~ 25GHz |
|----------------|-----------------------|-----------------|--------------|

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 4225.00 | -63.86 | -13.00 | -50.86 | 1.50 H | 48 | 28.99 | -92.85 |
| 2 | 5281.25 | -62.83 | -13.00 | -49.83 | 1.50 H | 144 | 28.09 | -90.92 |
| 3 | 6337.50 | -63.21 | -13.00 | -50.21 | 2.00 H | 73 | 25.36 | -88.57 |
| 4 | 7393.75 | -63.03 | -13.00 | -50.03 | 1.50 H | 227 | 22.02 | -85.05 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 4225.00 | -63.72 | -13.00 | -50.72 | 1.00 V | 78 | 29.13 | -92.85 |
| 2 | 5281.25 | -62.93 | -13.00 | -49.93 | 1.50 V | 135 | 27.99 | -90.92 |
| 3 | 6337.50 | -62.69 | -13.00 | -49.69 | 1.50 V | 147 | 25.88 | -88.57 |
| 4 | 7393.75 | -63.06 | -13.00 | -50.06 | 1.50 V | 267 | 21.99 | -85.05 |

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8

| | | | |
|----------------|------------------------|-----------------|--------------|
| Test Frequency | Ch 431000 (2155.0MHz), | Frequency Range | 1GHz ~ 25GHz |
|----------------|------------------------|-----------------|--------------|

Antenna Polarity & Test Distance : Horizontal at 3 m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4310.00 | -64.12 | -13.00 | -51.12 | 1.50 H | 135 | 28.61 | -92.73 |
| 2 | 5387.50 | -63.48 | -13.00 | -50.48 | 1.50 H | 128 | 27.19 | -90.67 |
| 3 | 6465.00 | -62.89 | -13.00 | -49.89 | 2.00 H | 287 | 24.94 | -87.83 |
| 4 | 7542.50 | -62.68 | -13.00 | -49.68 | 1.50 H | 263 | 22.27 | -84.95 |

Antenna Polarity & Test Distance : Vertical at 3m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4310.00 | -63.37 | -13.00 | -50.37 | 1.50 V | 112 | 29.36 | -92.73 |
| 2 | 5387.50 | -62.58 | -13.00 | -49.58 | 1.50 V | 49 | 28.09 | -90.67 |
| 3 | 6465.00 | -62.96 | -13.00 | -49.96 | 1.50 V | 247 | 24.87 | -87.83 |
| 4 | 7542.50 | -63.01 | -13.00 | -50.01 | 1.50 V | 143 | 21.94 | -84.95 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

| | | | |
|----------------|-----------------------|-----------------|--------------|
| Test Frequency | Ch 439500 (2197.5MHz) | Frequency Range | 1GHz ~ 25GHz |
|----------------|-----------------------|-----------------|--------------|

Antenna Polarity & Test Distance : Horizontal at 3 m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4395.00 | -63.61 | -13.00 | -50.61 | 1.50 H | 138 | 29.00 | -92.61 |
| 2 | 5493.75 | -63.11 | -13.00 | -50.11 | 2.00 H | 124 | 27.34 | -90.45 |
| 3 | 6592.50 | -62.23 | -13.00 | -49.23 | 1.50 H | 83 | 24.87 | -87.10 |
| 4 | 7691.25 | -62.94 | -13.00 | -49.94 | 1.50 H | 48 | 22.42 | -85.36 |

Antenna Polarity & Test Distance : Vertical at 3m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4395.00 | -63.87 | -13.00 | -50.87 | 1.50 V | 102 | 28.74 | -92.61 |
| 2 | 5493.75 | -62.88 | -13.00 | -49.88 | 1.50 V | 306 | 27.57 | -90.45 |
| 3 | 6592.50 | -62.74 | -13.00 | -49.74 | 1.50 V | 17 | 24.36 | -87.10 |
| 4 | 7691.25 | -63.07 | -13.00 | -50.07 | 1.50 V | 342 | 22.29 | -85.36 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

20MHz

| | | | |
|----------------|-----------------------|-----------------|--------------|
| Test Frequency | Ch 424000 (2120.0MHz) | Frequency Range | 1GHz ~ 25GHz |
|----------------|-----------------------|-----------------|--------------|

Antenna Polarity & Test Distance : Horizontal at 3 m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4240.00 | -63.73 | -13.00 | -50.73 | 1.50 H | 132 | 29.10 | -92.83 |
| 2 | 5300.00 | -63.35 | -13.00 | -50.35 | 1.50 H | 142 | 27.59 | -90.94 |
| 3 | 6360.00 | -63.51 | -13.00 | -50.51 | 2.00 H | 289 | 24.99 | -88.50 |
| 4 | 7420.00 | -63.03 | -13.00 | -50.03 | 1.50 H | 121 | 21.92 | -84.95 |

Antenna Polarity & Test Distance : Vertical at 3m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4240.00 | -63.73 | -13.00 | -50.73 | 1.50 V | 128 | 29.10 | -92.83 |
| 2 | 5300.00 | -62.83 | -13.00 | -49.83 | 1.50 V | 37 | 28.11 | -90.94 |
| 3 | 6360.00 | -62.61 | -13.00 | -49.61 | 1.50 V | 357 | 25.89 | -88.50 |
| 4 | 7420.00 | -63.26 | -13.00 | -50.26 | 1.50 V | 241 | 21.69 | -84.95 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

| | | | |
|----------------|-----------------------|-----------------|--------------|
| Test Frequency | Ch 431000 (2155.0MHz) | Frequency Range | 1GHz ~ 25GHz |
|----------------|-----------------------|-----------------|--------------|

Antenna Polarity & Test Distance : Horizontal at 3 m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4310.00 | -63.48 | -13.00 | -50.48 | 1.50 H | 114 | 29.25 | -92.73 |
| 2 | 5387.50 | -62.71 | -13.00 | -49.71 | 2.00 H | 139 | 27.96 | -90.67 |
| 3 | 6465.00 | -63.16 | -13.00 | -50.16 | 1.50 H | 303 | 24.67 | -87.83 |
| 4 | 7542.50 | -62.93 | -13.00 | -49.93 | 1.50 H | 248 | 22.02 | -84.95 |

Antenna Polarity & Test Distance : Vertical at 3m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4310.00 | -64.05 | -13.00 | -51.05 | 1.00 V | 187 | 28.68 | -92.73 |
| 2 | 5387.50 | -63.54 | -13.00 | -50.54 | 1.50 V | 263 | 27.13 | -90.67 |
| 3 | 6465.00 | -62.90 | -13.00 | -49.90 | 1.50 V | 241 | 24.93 | -87.83 |
| 4 | 7542.50 | -62.89 | -13.00 | -49.89 | 1.50 V | 352 | 22.06 | -84.95 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

| | | | |
|----------------|-----------------------|-----------------|--------------|
| Test Frequency | Ch 438000 (2190.0MHz) | Frequency Range | 1GHz ~ 25GHz |
|----------------|-----------------------|-----------------|--------------|

Antenna Polarity & Test Distance : Horizontal at 3 m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4380.00 | -63.51 | -13.00 | -50.51 | 2.00 H | 27 | 29.09 | -92.60 |
| 2 | 5475.00 | -63.09 | -13.00 | -50.09 | 1.50 H | 234 | 27.39 | -90.48 |
| 3 | 6570.00 | -63.29 | -13.00 | -50.29 | 1.50 H | 312 | 23.88 | -87.17 |
| 4 | 7665.00 | -62.96 | -13.00 | -49.96 | 1.50 H | 73 | 22.33 | -85.29 |

Antenna Polarity & Test Distance : Vertical at 3m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4380.00 | -63.82 | -13.00 | -50.82 | 1.50 V | 182 | 28.78 | -92.60 |
| 2 | 5475.00 | -62.99 | -13.00 | -49.99 | 1.50 V | 303 | 27.49 | -90.48 |
| 3 | 6570.00 | -62.65 | -13.00 | -49.65 | 1.50 V | 275 | 24.52 | -87.17 |
| 4 | 7665.00 | -63.04 | -13.00 | -50.04 | 1.50 V | 114 | 22.25 | -85.29 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

CA Contiguous

20MHz+20MHz

| | | | |
|----------------|---|-----------------|--------------|
| Test Frequency | Ch 424000 (2120.0MHz)+ Ch 428000 (2140.0MHz) | Frequency Range | 1GHz ~ 25GHz |
|----------------|---|-----------------|--------------|

Antenna Polarity & Test Distance : Horizontal at 3 m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4260.00 | -63.92 | -13.00 | -50.92 | 1.50 H | 67 | 28.89 | -92.81 |
| 2 | 5325.00 | -63.29 | -13.00 | -50.29 | 1.50 H | 121 | 27.53 | -90.82 |
| 3 | 6390.00 | -62.87 | -13.00 | -49.87 | 2.00 H | 157 | 25.57 | -88.44 |
| 4 | 7455.00 | -63.03 | -13.00 | -50.03 | 1.50 H | 303 | 21.78 | -84.81 |

Antenna Polarity & Test Distance : Vertical at 3m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4260.00 | -63.67 | -13.00 | -50.67 | 1.50 V | 147 | 29.14 | -92.81 |
| 2 | 5325.00 | -63.03 | -13.00 | -50.03 | 1.50 V | 323 | 27.79 | -90.82 |
| 3 | 6390.00 | -62.62 | -13.00 | -49.62 | 1.50 V | 247 | 25.82 | -88.44 |
| 4 | 7455.00 | -63.28 | -13.00 | -50.28 | 1.00 V | 35 | 21.53 | -84.81 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

| | | | |
|----------------|---|-----------------|--------------|
| Test Frequency | Ch 429000 (2145.0MHz)+ Ch 433000 (2165.0MHz) | Frequency Range | 1GHz ~ 25GHz |
|----------------|---|-----------------|--------------|

Antenna Polarity & Test Distance : Horizontal at 3 m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4310.00 | -63.32 | -13.00 | -50.32 | 1.50 H | 163 | 29.41 | -92.73 |
| 2 | 5387.50 | -62.76 | -13.00 | -49.76 | 2.00 H | 28 | 27.91 | -90.67 |
| 3 | 6465.00 | -63.16 | -13.00 | -50.16 | 1.50 H | 289 | 24.67 | -87.83 |
| 4 | 7542.50 | -62.99 | -13.00 | -49.99 | 1.50 H | 79 | 21.96 | -84.95 |

Antenna Polarity & Test Distance : Vertical at 3m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4310.00 | -64.14 | -13.00 | -51.14 | 1.50 V | 281 | 28.59 | -92.73 |
| 2 | 5387.50 | -63.45 | -13.00 | -50.45 | 1.50 V | 237 | 27.22 | -90.67 |
| 3 | 6465.00 | -62.93 | -13.00 | -49.93 | 1.50 V | 37 | 24.90 | -87.83 |
| 4 | 7542.50 | -62.79 | -13.00 | -49.79 | 1.50 V | 199 | 22.16 | -84.95 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

| | | | |
|----------------|---|-----------------|--------------|
| Test Frequency | Ch 434000 (2170.0MHz)+ Ch 438000 (2190.0MHz) | Frequency Range | 1GHz ~ 25GHz |
|----------------|---|-----------------|--------------|

Antenna Polarity & Test Distance : Horizontal at 3 m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4360.00 | -63.44 | -13.00 | -50.44 | 1.50 H | 187 | 29.14 | -92.58 |
| 2 | 5450.00 | -63.01 | -13.00 | -50.01 | 1.50 H | 269 | 27.50 | -90.51 |
| 3 | 6540.00 | -63.29 | -13.00 | -50.29 | 2.00 H | 121 | 24.00 | -87.29 |
| 4 | 7630.00 | -62.89 | -13.00 | -49.89 | 1.50 H | 306 | 22.21 | -85.10 |

Antenna Polarity & Test Distance : Vertical at 3m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4360.00 | -63.86 | -13.00 | -50.86 | 1.50 V | 73 | 28.72 | -92.58 |
| 2 | 5450.00 | -63.06 | -13.00 | -50.06 | 1.50 V | 213 | 27.45 | -90.51 |
| 3 | 6540.00 | -62.57 | -13.00 | -49.57 | 1.50 V | 174 | 24.72 | -87.29 |
| 4 | 7630.00 | -63.16 | -13.00 | -50.16 | 1.50 V | 264 | 21.94 | -85.10 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

CA-Non-Contiguous

5MHz+5MHz

| | | | |
|----------------|---|-----------------|--------------|
| Test Frequency | Ch 422500 (2112.5MHz)+ Ch 433500 (2167.5MHz) | Frequency Range | 1GHz ~ 25GHz |
|----------------|---|-----------------|--------------|

Antenna Polarity & Test Distance : Horizontal at 3 m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4280.00 | -64.01 | -13.00 | -51.01 | 1.50 H | 264 | 28.78 | -92.79 |
| 2 | 5350.00 | -63.12 | -13.00 | -50.12 | 2.00 H | 121 | 27.59 | -90.71 |
| 3 | 6420.00 | -63.38 | -13.00 | -50.38 | 1.50 H | 297 | 24.85 | -88.23 |
| 4 | 7490.00 | -62.74 | -13.00 | -49.74 | 1.50 H | 28 | 22.08 | -84.82 |

Antenna Polarity & Test Distance : Vertical at 3m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4280.00 | -63.68 | -13.00 | -50.68 | 1.50 V | 127 | 29.11 | -92.79 |
| 2 | 5350.00 | -63.01 | -13.00 | -50.01 | 1.50 V | 71 | 27.70 | -90.71 |
| 3 | 6420.00 | -62.67 | -13.00 | -49.67 | 1.50 V | 306 | 25.56 | -88.23 |
| 4 | 7490.00 | -63.07 | -13.00 | -50.07 | 1.50 V | 277 | 21.75 | -84.82 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

| | | | |
|----------------|---|-----------------|--------------|
| Test Frequency | Ch 425500 (2127.5MHz)+ Ch 436500 (2182.5MHz) | Frequency Range | 1GHz ~ 25GHz |
|----------------|---|-----------------|--------------|

Antenna Polarity & Test Distance : Horizontal at 3 m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4310.00 | -63.56 | -13.00 | -50.56 | 1.50 H | 232 | 29.17 | -92.73 |
| 2 | 5387.50 | -62.64 | -13.00 | -49.64 | 1.50 H | 163 | 28.03 | -90.67 |
| 3 | 6465.00 | -63.12 | -13.00 | -50.12 | 1.50 H | 322 | 24.71 | -87.83 |
| 4 | 7542.50 | -63.04 | -13.00 | -50.04 | 2.00 H | 14 | 21.91 | -84.95 |

Antenna Polarity & Test Distance : Vertical at 3m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4310.00 | -63.94 | -13.00 | -50.94 | 1.50 V | 105 | 28.79 | -92.73 |
| 2 | 5387.50 | -63.43 | -13.00 | -50.43 | 1.50 V | 174 | 27.24 | -90.67 |
| 3 | 6465.00 | -62.67 | -13.00 | -49.67 | 1.50 V | 332 | 25.16 | -87.83 |
| 4 | 7542.50 | -62.89 | -13.00 | -49.89 | 1.50 V | 47 | 22.06 | -84.95 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

| | | | |
|----------------|---|-----------------|--------------|
| Test Frequency | Ch 428500 (2142.5MHz)+ Ch 439500 (2197.5MHz) | Frequency Range | 1GHz ~ 25GHz |
|----------------|---|-----------------|--------------|

Antenna Polarity & Test Distance : Horizontal at 3 m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4360.00 | -63.62 | -13.00 | -50.62 | 1.50 H | 118 | 28.96 | -92.58 |
| 2 | 5450.00 | -63.03 | -13.00 | -50.03 | 1.50 H | 235 | 27.48 | -90.51 |
| 3 | 6540.00 | -63.28 | -13.00 | -50.28 | 1.50 H | 101 | 24.01 | -87.29 |
| 4 | 7630.00 | -62.85 | -13.00 | -49.85 | 1.50 H | 142 | 22.25 | -85.10 |

Antenna Polarity & Test Distance : Vertical at 3m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4360.00 | -63.83 | -13.00 | -50.83 | 1.50 V | 212 | 28.75 | -92.58 |
| 2 | 5450.00 | -62.87 | -13.00 | -49.87 | 1.50 V | 274 | 27.64 | -90.51 |
| 3 | 6540.00 | -62.49 | -13.00 | -49.49 | 1.50 V | 182 | 24.80 | -87.29 |
| 4 | 7630.00 | -62.94 | -13.00 | -49.94 | 1.50 V | 49 | 22.16 | -85.10 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

Band n70

Below 1GHz

Single Carrier

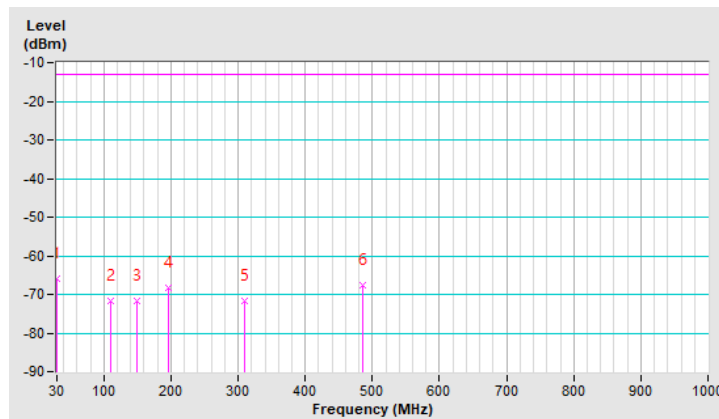
5MHz

| | | | |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 399500 (1997.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.81 | -66.04 | -13.00 | -53.04 | 2.00 H | 156 | 38.62 | -104.66 |
| 2 | 109.39 | -71.85 | -13.00 | -58.85 | 1.50 H | 42 | 34.46 | -106.31 |
| 3 | 149.16 | -71.67 | -13.00 | -58.67 | 2.00 H | 265 | 31.69 | -103.36 |
| 4 | 197.15 | -68.39 | -13.00 | -55.39 | 1.50 H | 167 | 38.01 | -106.40 |
| 5 | 309.94 | -71.76 | -13.00 | -58.76 | 1.50 H | 323 | 30.76 | -102.52 |
| 6 | 485.28 | -67.53 | -13.00 | -54.53 | 1.50 H | 241 | 30.89 | -98.42 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

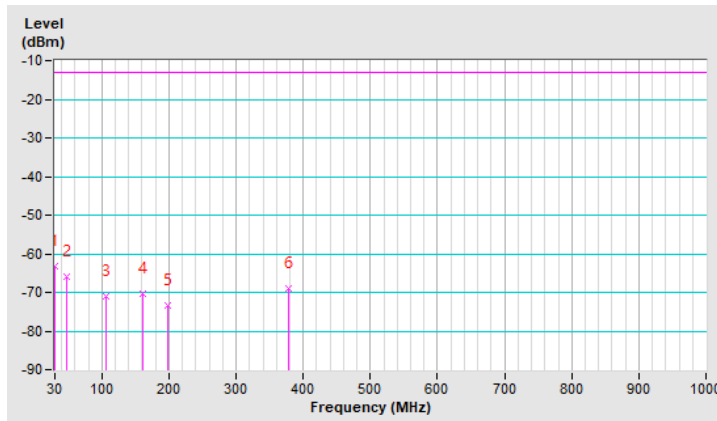


| | | | |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 399500 (1997.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.56 | -63.38 | -13.00 | -50.38 | 1.00 V | 135 | 41.19 | -104.57 |
| 2 | 48.10 | -65.95 | -13.00 | -52.95 | 1.00 V | 141 | 37.44 | -103.39 |
| 3 | 106.31 | -70.95 | -13.00 | -57.95 | 1.50 V | 212 | 35.79 | -106.74 |
| 4 | 160.28 | -70.32 | -13.00 | -57.32 | 1.00 V | 24 | 33.17 | -103.49 |
| 5 | 197.57 | -73.49 | -13.00 | -60.49 | 1.00 V | 163 | 32.92 | -106.41 |
| 6 | 379.08 | -68.98 | -13.00 | -55.98 | 1.00 V | 313 | 32.21 | -101.19 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

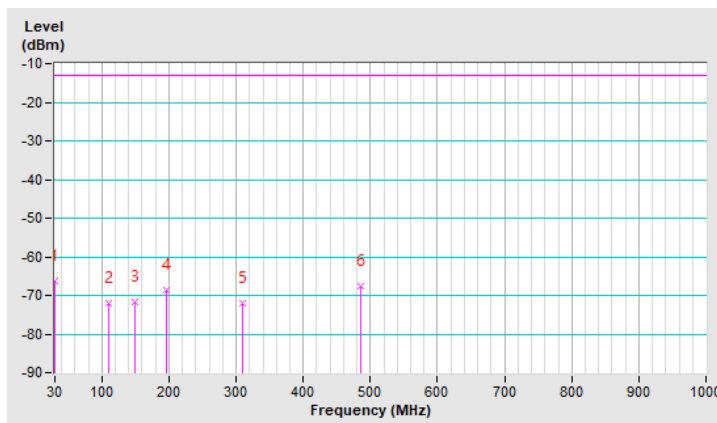


| | | | |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 401500 (2007.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.74 | -66.12 | -13.00 | -53.12 | 2.00 H | 174 | 38.52 | -104.64 |
| 2 | 109.32 | -71.92 | -13.00 | -58.92 | 1.50 H | 29 | 34.40 | -106.32 |
| 3 | 149.08 | -71.74 | -13.00 | -58.74 | 2.00 H | 248 | 31.63 | -103.37 |
| 4 | 197.07 | -68.48 | -13.00 | -55.48 | 1.50 H | 153 | 37.92 | -106.40 |
| 5 | 309.85 | -71.87 | -13.00 | -58.87 | 1.50 H | 345 | 30.66 | -102.53 |
| 6 | 485.19 | -67.62 | -13.00 | -54.62 | 1.50 H | 234 | 30.81 | -98.43 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

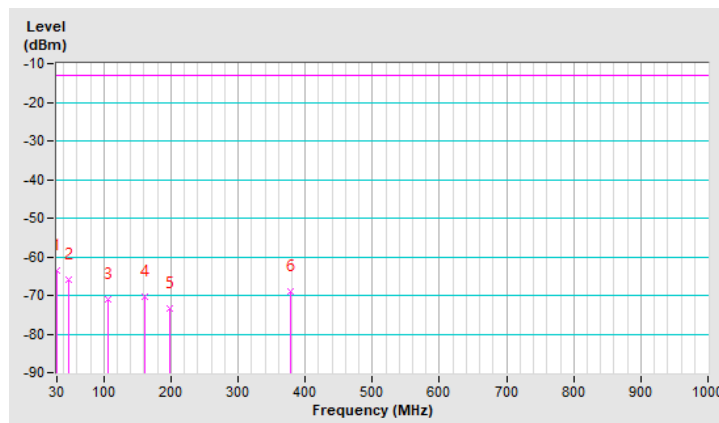


| | | | |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 401500 (2007.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.49 | -63.46 | -13.00 | -50.46 | 1.00 V | 128 | 41.09 | -104.55 |
| 2 | 48.04 | -66.03 | -13.00 | -53.03 | 1.00 V | 156 | 37.35 | -103.38 |
| 3 | 106.25 | -71.03 | -13.00 | -58.03 | 1.50 V | 232 | 35.72 | -106.75 |
| 4 | 160.22 | -70.39 | -13.00 | -57.39 | 1.00 V | 41 | 33.10 | -103.49 |
| 5 | 197.50 | -73.55 | -13.00 | -60.55 | 1.00 V | 177 | 32.86 | -106.41 |
| 6 | 379.01 | -69.05 | -13.00 | -56.05 | 1.00 V | 334 | 32.14 | -101.19 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

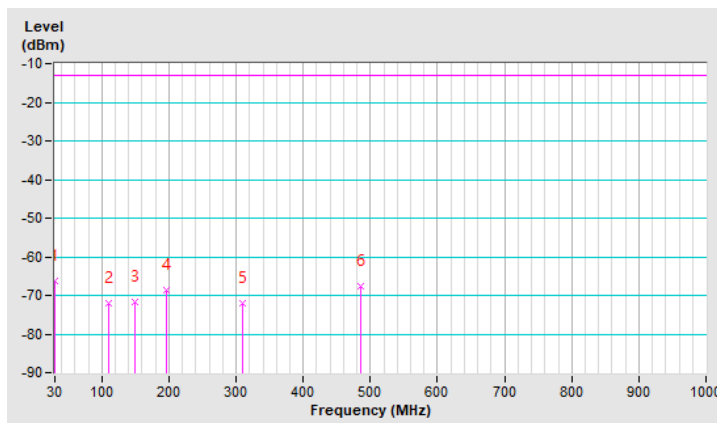


| | | | |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 403500 (2017.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.65 | -66.22 | -13.00 | -53.22 | 2.00 H | 163 | 38.38 | -104.60 |
| 2 | 109.25 | -72.03 | -13.00 | -59.03 | 1.50 H | 17 | 34.29 | -106.32 |
| 3 | 149.02 | -71.79 | -13.00 | -58.79 | 2.00 H | 254 | 31.59 | -103.38 |
| 4 | 196.98 | -68.55 | -13.00 | -55.55 | 1.50 H | 142 | 37.85 | -106.40 |
| 5 | 309.78 | -71.94 | -13.00 | -58.94 | 1.50 H | 329 | 30.59 | -102.53 |
| 6 | 485.11 | -67.68 | -13.00 | -54.68 | 1.50 H | 245 | 30.75 | -98.43 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

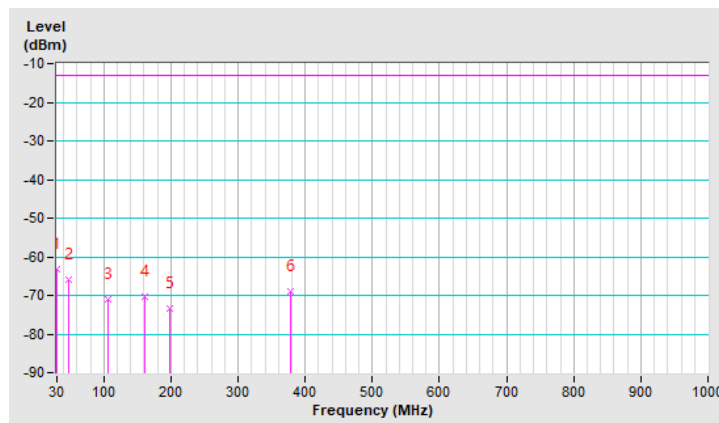


| | | | |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 403500 (2017.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.58 | -63.38 | -13.00 | -50.38 | 1.00 V | 118 | 41.20 | -104.58 |
| 2 | 48.15 | -65.95 | -13.00 | -52.95 | 1.00 V | 163 | 37.45 | -103.40 |
| 3 | 106.37 | -70.95 | -13.00 | -57.95 | 1.50 V | 251 | 35.78 | -106.73 |
| 4 | 160.28 | -70.31 | -13.00 | -57.31 | 1.00 V | 52 | 33.18 | -103.49 |
| 5 | 197.60 | -73.45 | -13.00 | -60.45 | 1.00 V | 196 | 32.96 | -106.41 |
| 6 | 379.08 | -68.97 | -13.00 | -55.97 | 1.00 V | 322 | 32.22 | -101.19 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$



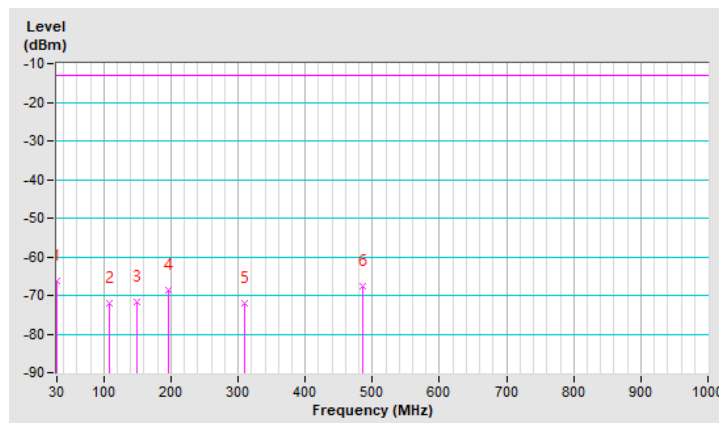
25MHz

| | | | |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 401500 (2007.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.57 | -66.31 | -13.00 | -53.31 | 2.00 H | 158 | 38.27 | -104.58 |
| 2 | 109.17 | -72.10 | -13.00 | -59.10 | 1.50 H | 24 | 34.23 | -106.33 |
| 3 | 148.96 | -71.86 | -13.00 | -58.86 | 2.00 H | 267 | 31.52 | -103.38 |
| 4 | 196.88 | -68.61 | -13.00 | -55.61 | 1.50 H | 159 | 37.79 | -106.40 |
| 5 | 309.69 | -72.01 | -13.00 | -59.01 | 1.50 H | 344 | 30.52 | -102.53 |
| 6 | 485.06 | -67.74 | -13.00 | -54.74 | 1.50 H | 268 | 30.69 | -98.43 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

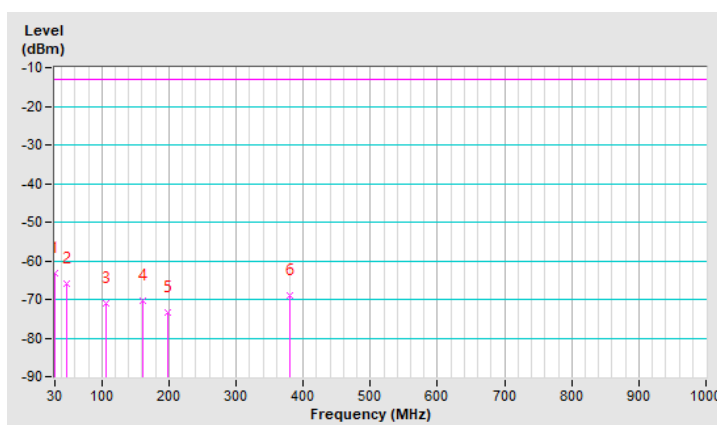


| | | | |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 401500 (2007.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.64 | -63.27 | -13.00 | -50.27 | 1.00 V | 153 | 41.33 | -104.60 |
| 2 | 48.22 | -65.88 | -13.00 | -52.88 | 1.00 V | 178 | 37.52 | -103.40 |
| 3 | 106.54 | -70.85 | -13.00 | -57.85 | 1.50 V | 267 | 35.85 | -106.70 |
| 4 | 160.47 | -70.22 | -13.00 | -57.22 | 1.00 V | 67 | 33.31 | -103.53 |
| 5 | 197.67 | -73.37 | -13.00 | -60.37 | 1.00 V | 224 | 33.04 | -106.41 |
| 6 | 379.18 | -68.89 | -13.00 | -55.89 | 1.00 V | 304 | 32.30 | -101.19 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$



CA Contiguous

20MHz+5MHz

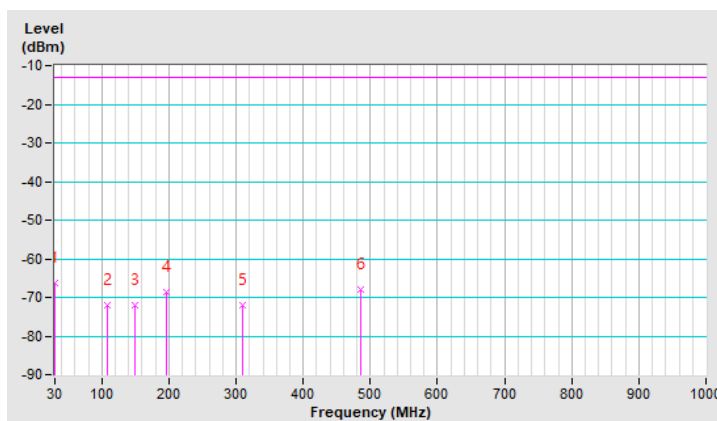
| | | | |
|----------------|---|-----------------|----------------|
| Test Frequency | Ch 401000 (2005.0MHz)+ Ch 403500 (2017.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|---|-----------------|----------------|

Antenna Polarity & Test Distance : Horizontal at 3 m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 30.48 | -66.38 | -13.00 | -53.38 | 2.00 H | 152 | 38.16 | -104.54 |
| 2 | 109.08 | -72.19 | -13.00 | -59.19 | 1.50 H | 35 | 34.14 | -106.33 |
| 3 | 148.91 | -71.94 | -13.00 | -58.94 | 2.00 H | 258 | 31.44 | -103.38 |
| 4 | 196.81 | -68.69 | -13.00 | -55.69 | 1.50 H | 167 | 37.72 | -106.41 |
| 5 | 309.62 | -72.12 | -13.00 | -59.12 | 1.50 H | 326 | 30.41 | -102.53 |
| 6 | 484.98 | -67.82 | -13.00 | -54.82 | 1.50 H | 277 | 30.63 | -98.45 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

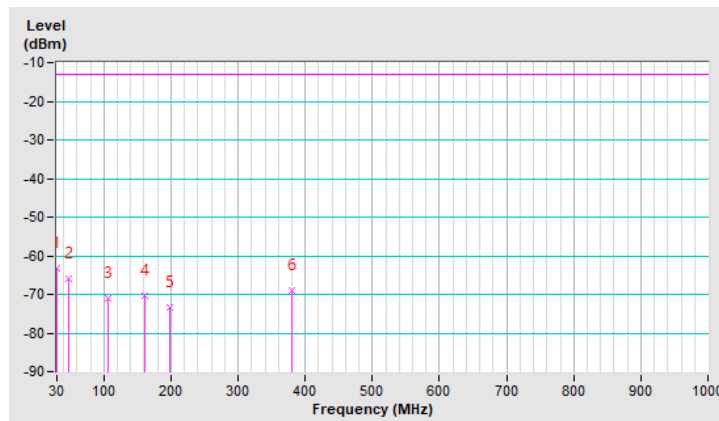


| | | | |
|----------------|---|-----------------|----------------|
| Test Frequency | Ch 401000 (2005.0MHz)+ Ch 403500 (2017.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|---|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.58 | -63.37 | -13.00 | -50.37 | 1.00 V | 168 | 41.21 | -104.58 |
| 2 | 48.13 | -65.99 | -13.00 | -52.99 | 1.00 V | 152 | 37.40 | -103.39 |
| 3 | 106.46 | -70.96 | -13.00 | -57.96 | 1.50 V | 275 | 35.75 | -106.71 |
| 4 | 160.38 | -70.29 | -13.00 | -57.29 | 1.00 V | 56 | 33.22 | -103.51 |
| 5 | 197.58 | -73.43 | -13.00 | -60.43 | 1.00 V | 232 | 32.98 | -106.41 |
| 6 | 379.13 | -68.94 | -13.00 | -55.94 | 1.00 V | 328 | 32.25 | -101.19 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$



CA-Non-Contiguous

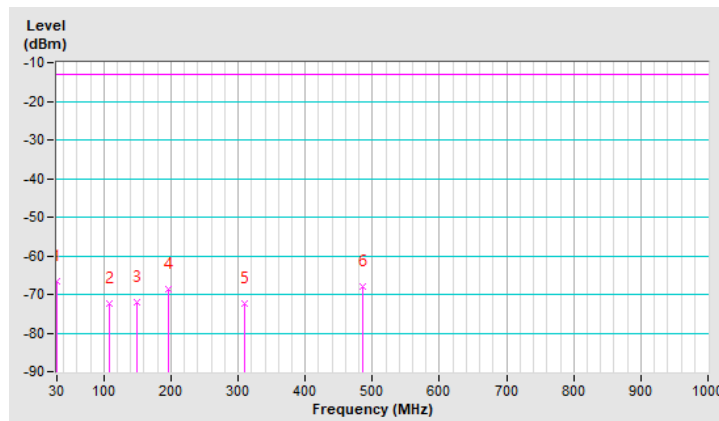
5MHz+5MHz

| | | | |
|----------------|---|-----------------|----------------|
| Test Frequency | Ch 399500 (1997.5MHz)+ Ch 403500 (2017.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|---|-----------------|----------------|

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.41 | -66.46 | -13.00 | -53.46 | 2.00 H | 165 | 38.06 | -104.52 |
| 2 | 109.01 | -72.29 | -13.00 | -59.29 | 1.50 H | 42 | 34.05 | -106.34 |
| 3 | 148.85 | -72.03 | -13.00 | -59.03 | 2.00 H | 264 | 31.35 | -103.38 |
| 4 | 196.73 | -68.78 | -13.00 | -55.78 | 1.50 H | 158 | 37.63 | -106.41 |
| 5 | 309.54 | -72.22 | -13.00 | -59.22 | 1.50 H | 335 | 30.32 | -102.54 |
| 6 | 484.91 | -67.91 | -13.00 | -54.91 | 1.50 H | 286 | 30.54 | -98.45 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

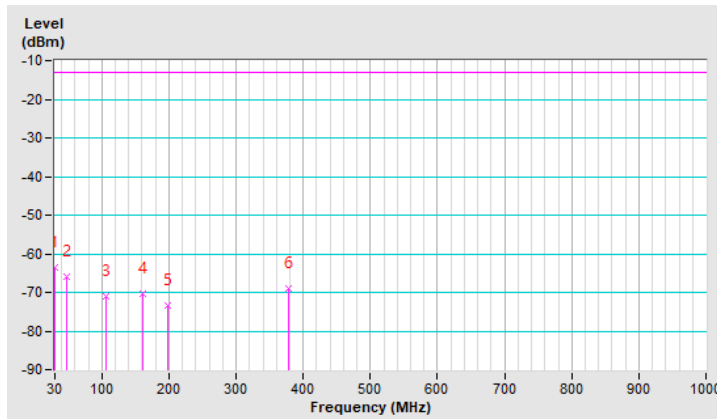


| | | | |
|----------------|---|-----------------|----------------|
| Test Frequency | Ch 399500 (1997.5MHz)+ Ch 403500 (2017.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|---|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
|---|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 30.49 | -63.47 | -13.00 | -50.47 | 1.00 V | 143 | 41.08 | -104.55 |
| 2 | 48.08 | -66.08 | -13.00 | -53.08 | 1.00 V | 175 | 37.31 | -103.39 |
| 3 | 106.38 | -71.03 | -13.00 | -58.03 | 1.50 V | 297 | 35.70 | -106.73 |
| 4 | 160.29 | -70.35 | -13.00 | -57.35 | 1.00 V | 47 | 33.15 | -103.50 |
| 5 | 197.51 | -73.51 | -13.00 | -60.51 | 1.00 V | 254 | 32.90 | -106.41 |
| 6 | 379.03 | -69.03 | -13.00 | -56.03 | 1.00 V | 347 | 32.16 | -101.19 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$



Above 1GHz
Single Carrier
5MHz

| | | | |
|----------------|-----------------------|-----------------|--------------|
| Test Frequency | Ch 399500 (1997.5MHz) | Frequency Range | 1GHz ~ 25GHz |
|----------------|-----------------------|-----------------|--------------|

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 3995.00 | -64.15 | -13.00 | -51.15 | 1.50 H | 47 | 29.14 | -93.29 |
| 2 | 4993.75 | -63.47 | -13.00 | -50.47 | 1.50 H | 322 | 27.73 | -91.20 |
| 3 | 5992.50 | -63.31 | -13.00 | -50.31 | 1.50 H | 234 | 26.46 | -89.77 |
| 4 | 6991.25 | -62.92 | -13.00 | -49.92 | 2.00 H | 147 | 22.90 | -85.82 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 3995.00 | -63.18 | -13.00 | -50.18 | 1.50 V | 132 | 30.11 | -93.29 |
| 2 | 4993.75 | -62.83 | -13.00 | -49.83 | 1.50 V | 147 | 28.37 | -91.20 |
| 3 | 5992.50 | -62.55 | -13.00 | -49.55 | 1.50 V | 267 | 27.22 | -89.77 |
| 4 | 6991.25 | -63.17 | -13.00 | -50.17 | 1.50 V | 58 | 22.65 | -85.82 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

| | | | |
|----------------|-----------------------|-----------------|--------------|
| Test Frequency | Ch 401500 (2007.5MHz) | Frequency Range | 1GHz ~ 25GHz |
|----------------|-----------------------|-----------------|--------------|

Antenna Polarity & Test Distance : Horizontal at 3 m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4015.00 | -64.21 | -13.00 | -51.21 | 1.50 H | 121 | 29.02 | -93.23 |
| 2 | 5018.75 | -62.06 | -13.00 | -49.06 | 2.00 H | 199 | 29.06 | -91.12 |
| 3 | 6022.50 | -63.36 | -13.00 | -50.36 | 1.50 H | 311 | 26.37 | -89.73 |
| 4 | 7026.25 | -63.76 | -13.00 | -50.76 | 1.50 H | 287 | 22.04 | -85.80 |

Antenna Polarity & Test Distance : Vertical at 3m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4015.00 | -63.42 | -13.00 | -50.42 | 1.50 V | 108 | 29.81 | -93.23 |
| 2 | 5018.75 | -63.21 | -13.00 | -50.21 | 1.50 V | 101 | 27.91 | -91.12 |
| 3 | 6022.50 | -62.79 | -13.00 | -49.79 | 1.50 V | 87 | 26.94 | -89.73 |
| 4 | 7026.25 | -62.49 | -13.00 | -49.49 | 1.50 V | 247 | 23.31 | -85.80 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

| | | | |
|----------------|-----------------------|-----------------|--------------|
| Test Frequency | Ch 403500 (2017.5MHz) | Frequency Range | 1GHz ~ 25GHz |
|----------------|-----------------------|-----------------|--------------|

Antenna Polarity & Test Distance : Horizontal at 3 m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4035.00 | -63.68 | -13.00 | -50.68 | 1.50 H | 261 | 29.50 | -93.18 |
| 2 | 5043.75 | -63.11 | -13.00 | -50.11 | 1.50 H | 312 | 27.93 | -91.04 |
| 3 | 6052.50 | -63.60 | -13.00 | -50.60 | 2.00 H | 121 | 26.06 | -89.66 |
| 4 | 7061.25 | -63.75 | -13.00 | -50.75 | 1.50 H | 97 | 22.04 | -85.79 |

Antenna Polarity & Test Distance : Vertical at 3m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4035.00 | -64.32 | -13.00 | -51.32 | 1.50 V | 137 | 28.86 | -93.18 |
| 2 | 5043.75 | -63.04 | -13.00 | -50.04 | 1.50 V | 206 | 28.00 | -91.04 |
| 3 | 6052.50 | -62.77 | -13.00 | -49.77 | 1.50 V | 141 | 26.89 | -89.66 |
| 4 | 7061.25 | -62.98 | -13.00 | -49.98 | 1.50 V | 238 | 22.81 | -85.79 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

25MHz

| | | | |
|----------------|-----------------------|-----------------|--------------|
| Test Frequency | Ch 401500 (2007.5MHz) | Frequency Range | 1GHz ~ 25GHz |
|----------------|-----------------------|-----------------|--------------|

Antenna Polarity & Test Distance : Horizontal at 3 m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4015.00 | -64.63 | -13.00 | -51.63 | 1.50 H | 73 | 28.60 | -93.23 |
| 2 | 5018.75 | -63.05 | -13.00 | -50.05 | 2.00 H | 132 | 28.07 | -91.12 |
| 3 | 6022.50 | -63.43 | -13.00 | -50.43 | 1.50 H | 264 | 26.30 | -89.73 |
| 4 | 7026.25 | -62.45 | -13.00 | -49.45 | 1.50 H | 268 | 23.35 | -85.80 |

Antenna Polarity & Test Distance : Vertical at 3m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4015.00 | -62.97 | -13.00 | -49.97 | 1.50 V | 91 | 30.26 | -93.23 |
| 2 | 5018.75 | -62.64 | -13.00 | -49.64 | 1.50 V | 235 | 28.48 | -91.12 |
| 3 | 6022.50 | -62.73 | -13.00 | -49.73 | 1.50 V | 241 | 27.00 | -89.73 |
| 4 | 7026.25 | -62.95 | -13.00 | -49.95 | 1.50 V | 127 | 22.85 | -85.80 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

CA Contiguous

20MHz+5MHz

| | | | |
|----------------|---|-----------------|--------------|
| Test Frequency | Ch 401000 (2005.0MHz)+ Ch 403500 (2017.5MHz) | Frequency Range | 1GHz ~ 25GHz |
|----------------|---|-----------------|--------------|

| Antenna Polarity & Test Distance : Horizontal at 3 m | | | | | | | | |
|--|-----------------|---------------|---------------|---------------|--------------------|----------------------|--------------------|--------------------------|
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 4022.50 | -64.29 | -13.00 | -51.29 | 2.00 H | 13 | 28.93 | -93.22 |
| 2 | 5028.12 | -61.98 | -13.00 | -48.98 | 1.50 H | 124 | 29.11 | -91.09 |
| 3 | 6033.75 | -63.85 | -13.00 | -50.85 | 2.00 H | 267 | 25.86 | -89.71 |
| 4 | 7039.37 | -63.84 | -13.00 | -50.84 | 1.50 H | 222 | 21.98 | -85.82 |
| Antenna Polarity & Test Distance : Vertical at 3m | | | | | | | | |
| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
| 1 | 4022.50 | -62.98 | -13.00 | -49.98 | 1.50 V | 124 | 30.24 | -93.22 |
| 2 | 5028.12 | -62.79 | -13.00 | -49.79 | 1.54 V | 63 | 28.30 | -91.09 |
| 3 | 6033.75 | -63.07 | -13.00 | -50.07 | 1.50 V | 347 | 26.64 | -89.71 |
| 4 | 7039.37 | -62.32 | -13.00 | -49.32 | 1.50 V | 333 | 23.50 | -85.82 |

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8

CA-Non-Contiguous

5MHz+5MHz

| | | | |
|----------------|---|-----------------|--------------|
| Test Frequency | Ch 399500 (1997.5MHz)+ Ch 403500 (2017.5MHz) | Frequency Range | 1GHz ~ 25GHz |
|----------------|---|-----------------|--------------|

Antenna Polarity & Test Distance : Horizontal at 3 m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4015.00 | -63.29 | -13.00 | -50.29 | 1.50 H | 12 | 29.94 | -93.23 |
| 2 | 5018.75 | -63.32 | -13.00 | -50.32 | 1.50 H | 137 | 27.80 | -91.12 |
| 3 | 6022.50 | -63.65 | -13.00 | -50.65 | 1.50 H | 132 | 26.08 | -89.73 |
| 4 | 7026.25 | -63.60 | -13.00 | -50.60 | 2.00 H | 81 | 22.20 | -85.80 |

Antenna Polarity & Test Distance : Vertical at 3m

| No | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV/m) | Correction Factor (dB/m) |
|----|-----------------|------------|-------------|-------------|--------------------|----------------------|--------------------|--------------------------|
| 1 | 4015.00 | -64.02 | -13.00 | -51.02 | 1.50 V | 124 | 29.21 | -93.23 |
| 2 | 5018.75 | -63.35 | -13.00 | -50.35 | 1.50 V | 221 | 27.77 | -91.12 |
| 3 | 6022.50 | -63.02 | -13.00 | -50.02 | 1.50 V | 7 | 26.71 | -89.73 |
| 4 | 7026.25 | -63.18 | -13.00 | -50.18 | 1.50 V | 17 | 22.62 | -85.80 |

Remarks:

1. $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2. $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$

5 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo).

Appendix – Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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The address and road map of all our labs can be found in our web site also.

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