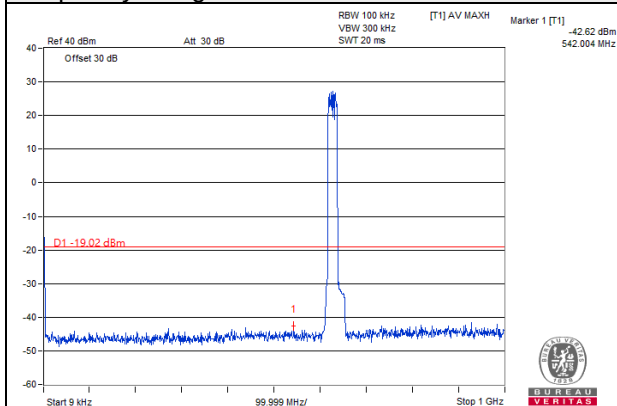


## 20MHz-ANT3

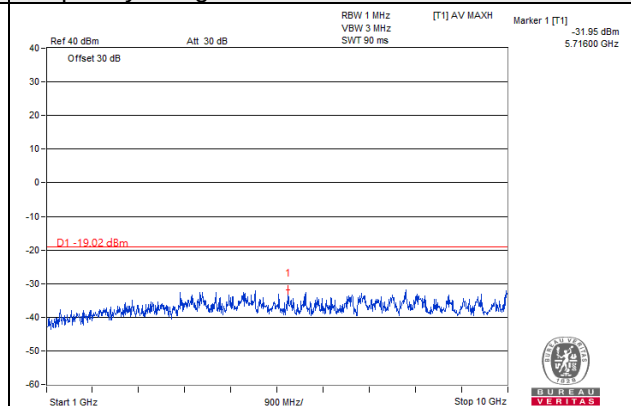
QPSK

Ch 125400 (627.0MHz)

Frequency Range : 9kHz~1GHz

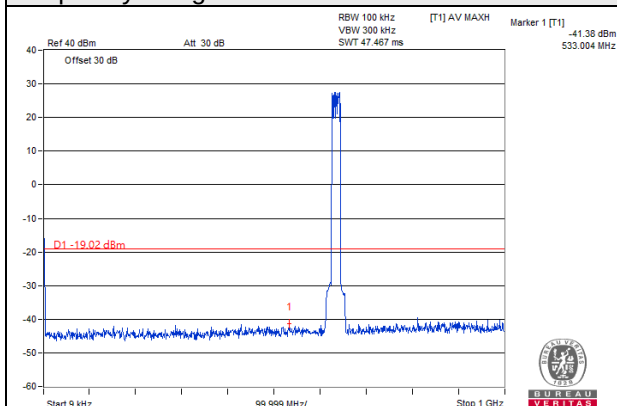


Frequency Range : 1GHz~10GHz

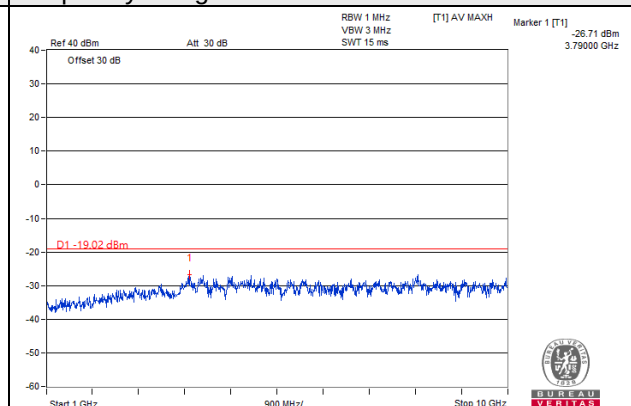


Ch 126900 (634.5MHz)

Frequency Range : 9kHz~1GHz

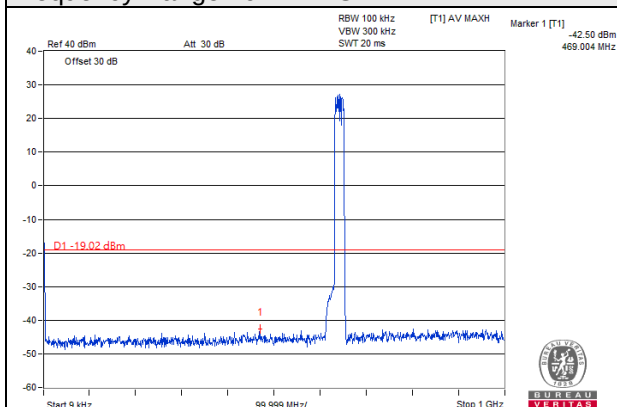


Frequency Range : 1GHz~10GHz

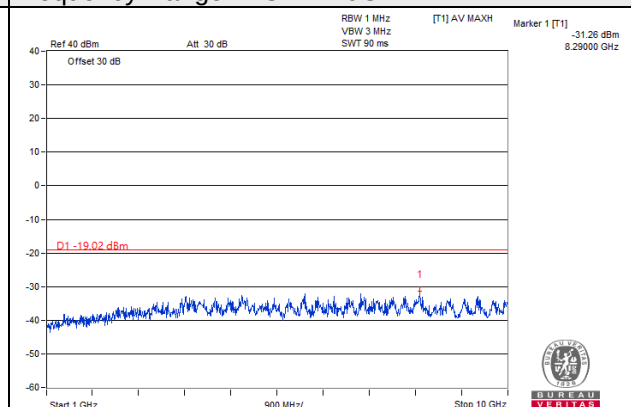


Ch 128400 (642.0MHz)

Frequency Range : 9kHz~1GHz

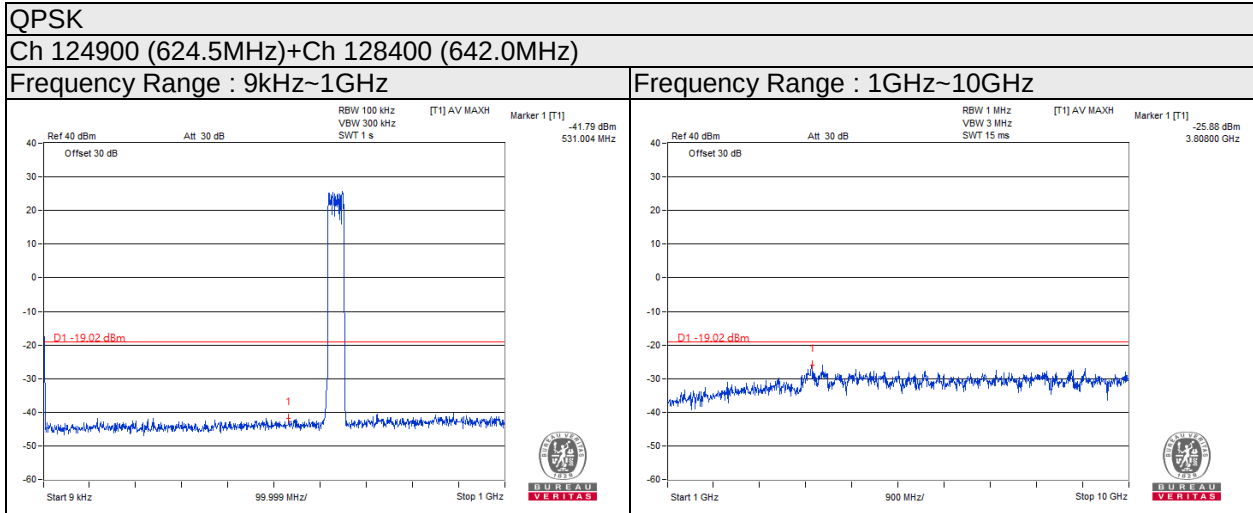


Frequency Range : 1GHz~10GHz



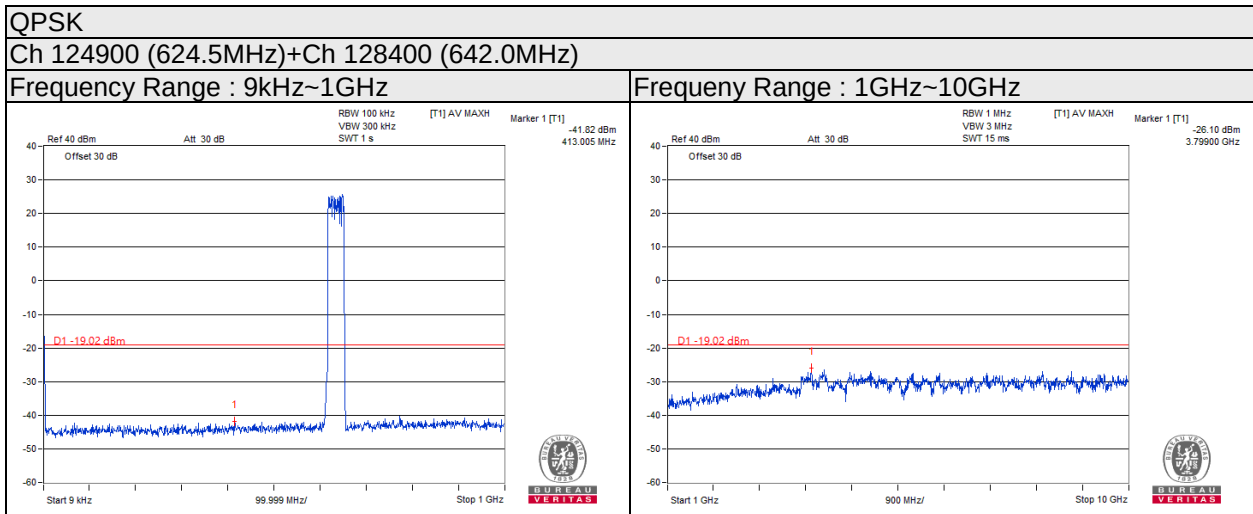
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

## CA Contiguous 15MHz+20MHz-ANT0



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

## 15MHz+20MHz-ANT1



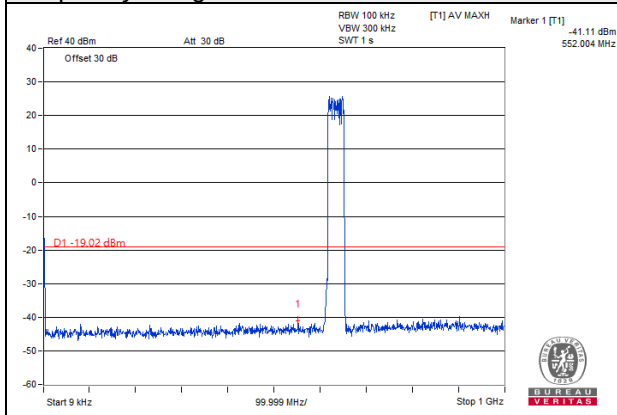
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

## 15MHz+20MHz-ANT2

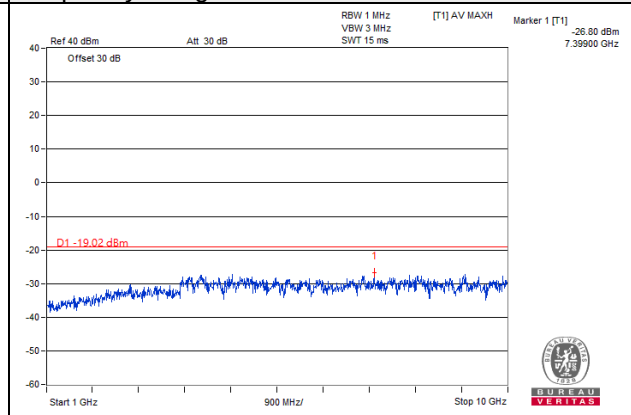
QPSK

Ch 124900 (624.5MHz)+Ch 128400 (642.0MHz)

Frequency Range : 9kHz~1GHz



Frequency Range : 1GHz~10GHz



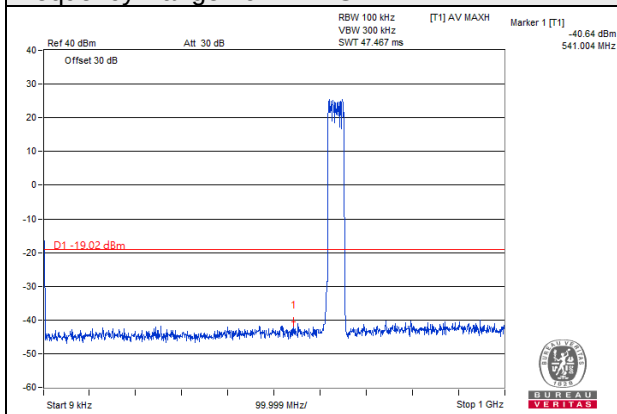
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

## 15MHz+20MHz-ANT3

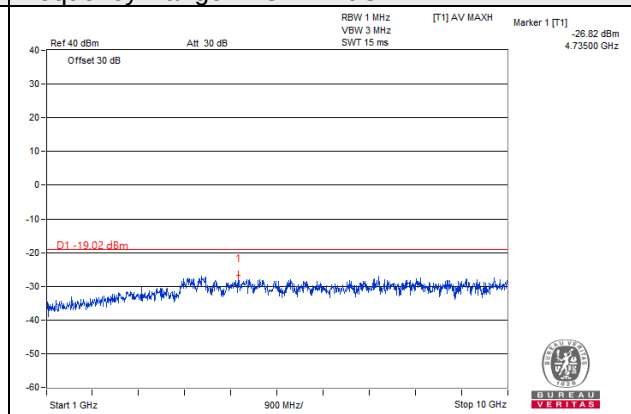
QPSK

Ch 124900 (624.5MHz)+Ch 128400 (642.0MHz)

Frequency Range : 9kHz~1GHz



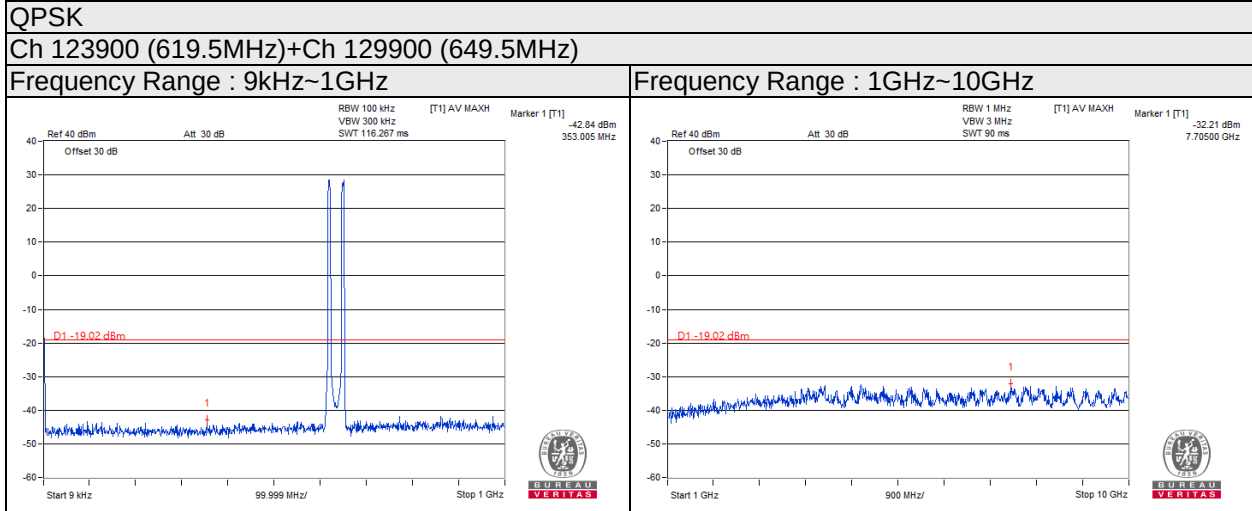
Frequency Range : 1GHz~10GHz



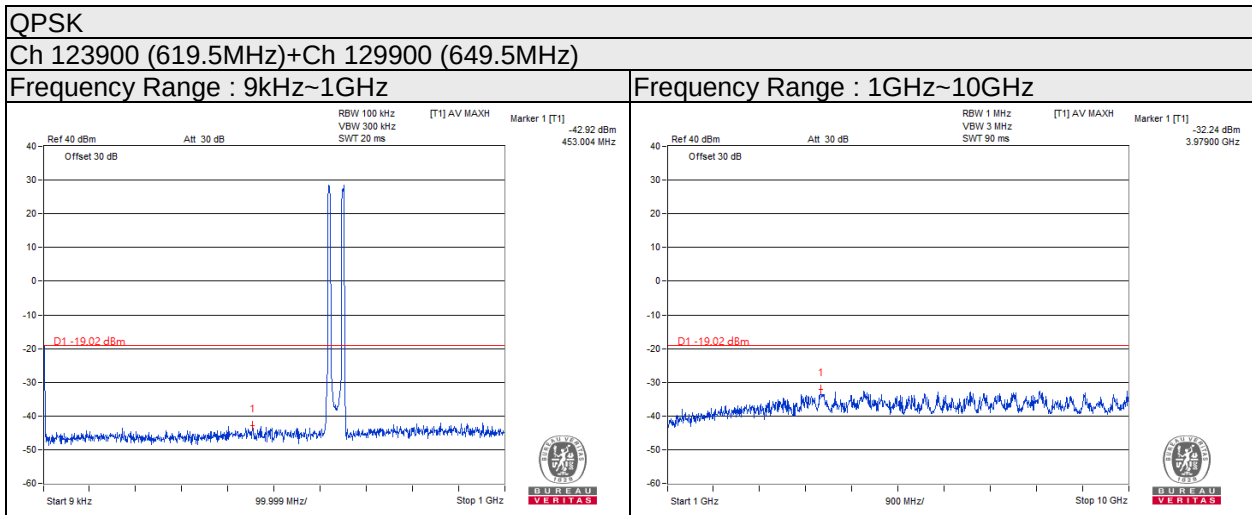
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

## CA-NC Non-Contiguous

### 5MHz+5MHz-ANT0



### 5MHz+5MHz-ANT1



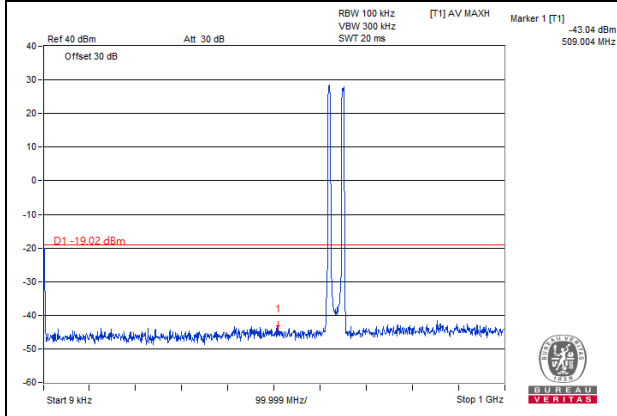
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

## 5MHz+5MHz -ANT2

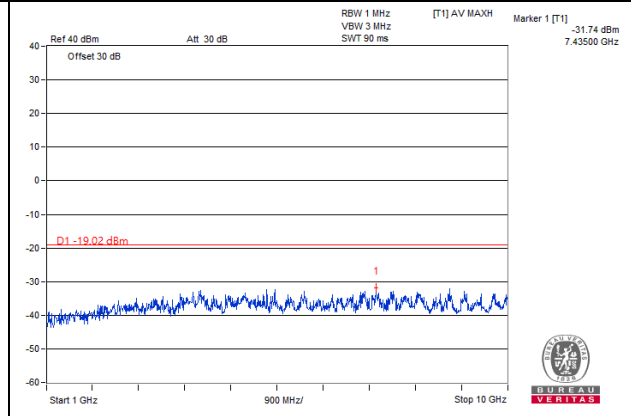
QPSK

Ch 123900 (619.5MHz)+Ch 129900 (649.5MHz)

Frequency Range : 9kHz~1GHz



Frequency Range : 1GHz~10GHz

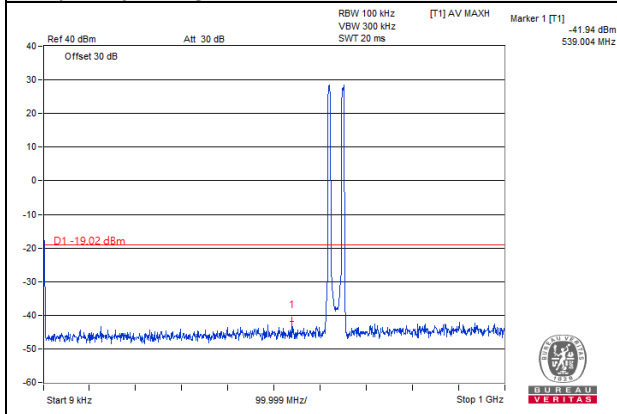


## 5MHz+5MHz -ANT3

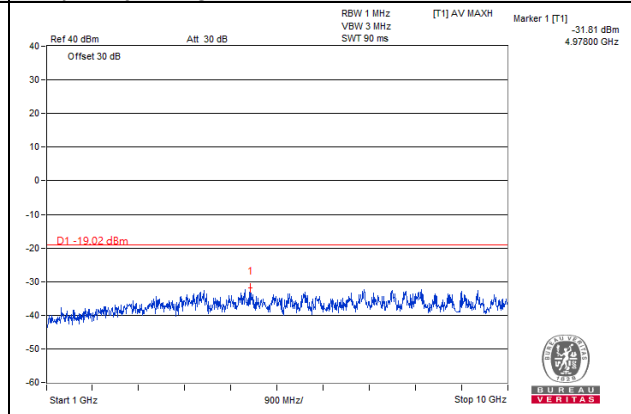
QPSK

Ch 123900 (619.5MHz)+Ch 129900 (649.5MHz)

Frequency Range : 9kHz~1GHz



Frequency Range : 1GHz~10GHz



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

According to FCC 27.53(g) for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least  $43 + 10 \log (P)$  dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

### 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)

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

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

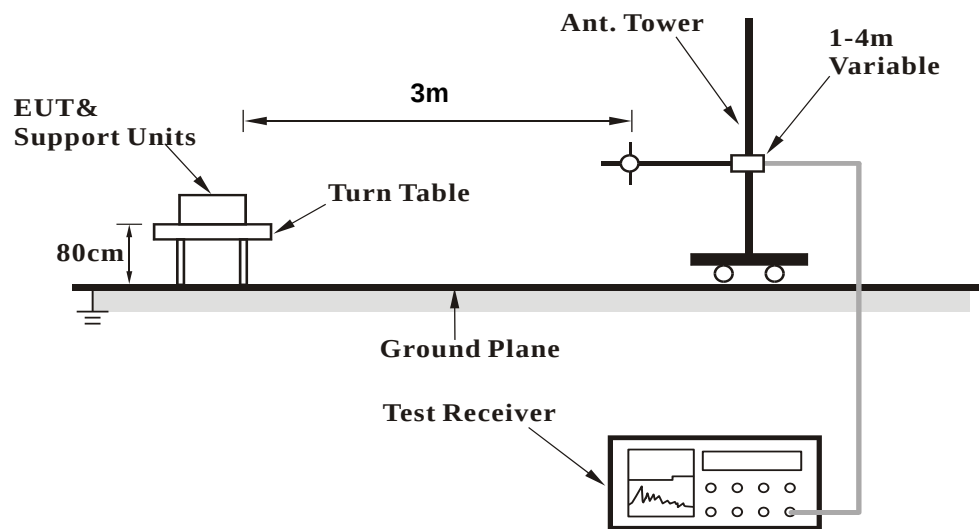
**NOTE:** The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

### 4.8.3 Deviation from Test Standard

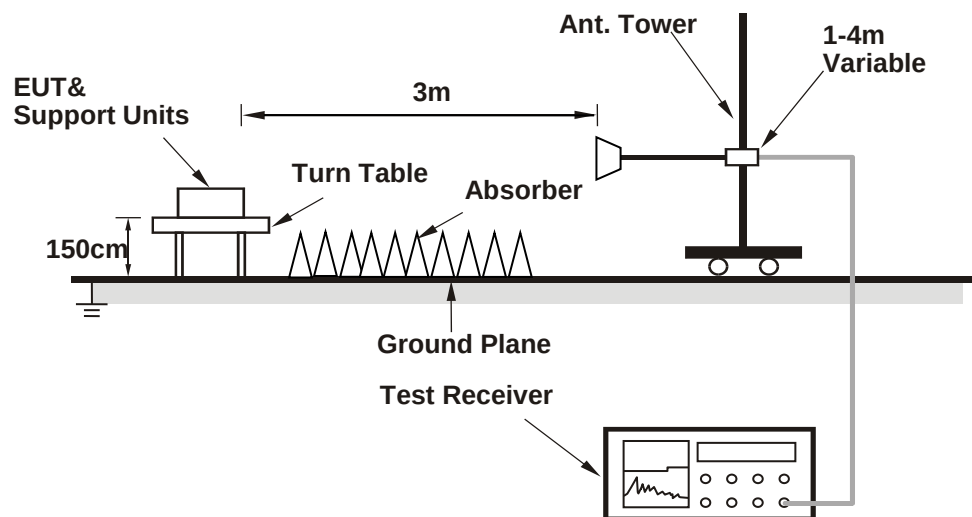
No deviation.

#### 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 n29**

**Single Carrier**

Below 1GHz

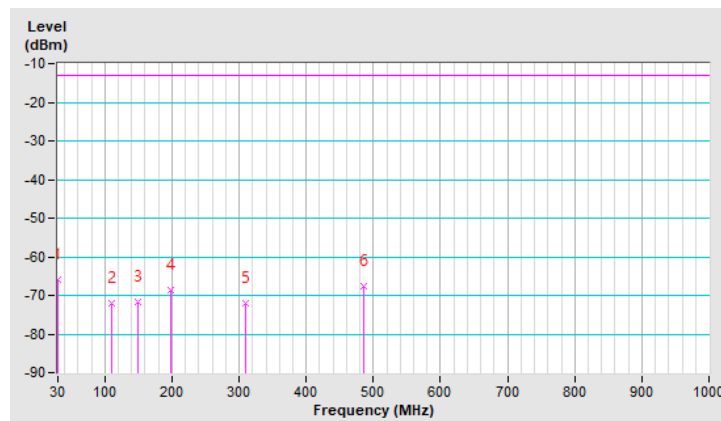
**5MHz**

|                |                       |                 |                |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 143900 (719.5 MHz) | 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) | Correction Factor (dB/m) |
| 1                                                    | 30.74           | -66.02     | -13.00      | -53.02      | 2.00 H             | 19                   | 38.62            | -104.64                  |
| 2                                                    | 109.57          | -72.19     | -13.00      | -59.19      | 1.50 H             | 63                   | 34.11            | -106.30                  |
| 3                                                    | 149.45          | -71.73     | -13.00      | -58.73      | 2.00 H             | 257                  | 31.59            | -103.32                  |
| 4                                                    | 197.32          | -68.53     | -13.00      | -55.53      | 1.50 H             | 39                   | 37.88            | -106.41                  |
| 5                                                    | 310.38          | -71.91     | -13.00      | -58.91      | 1.50 H             | 275                  | 30.59            | -102.50                  |
| 6                                                    | 485.63          | -67.66     | -13.00      | -54.66      | 1.50 H             | 224                  | 30.75            | -98.41                   |

#### Remarks:

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

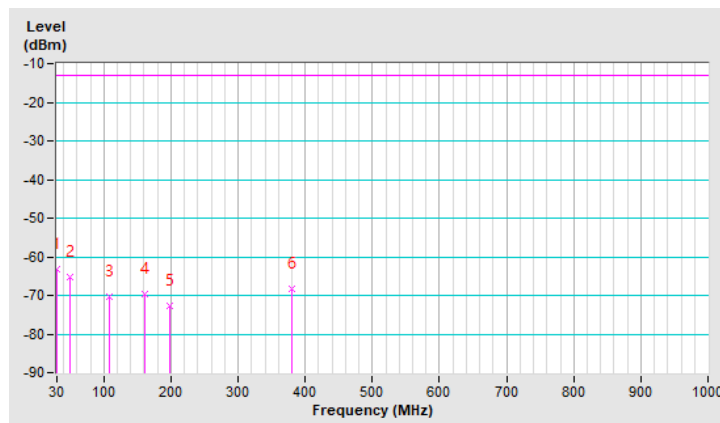


|                |                       |                 |                |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 143900 (719.5 MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 30.87           | -63.08     | -13.00      | -50.08      | 1.00 V             | 124                  | 41.60            | -104.68                  |
| 2                                                  | 48.72           | -65.28     | -13.00      | -52.28      | 1.00 V             | 241                  | 38.18            | -103.46                  |
| 3                                                  | 107.47          | -70.34     | -13.00      | -57.34      | 1.50 V             | 356                  | 36.18            | -106.52                  |
| 4                                                  | 161.60          | -69.71     | -13.00      | -56.71      | 1.00 V             | 42                   | 33.94            | -103.65                  |
| 5                                                  | 198.57          | -72.85     | -13.00      | -59.85      | 1.00 V             | 279                  | 33.60            | -106.45                  |
| 6                                                  | 380.15          | -68.41     | -13.00      | -55.41      | 1.00 V             | 298                  | 32.77            | -101.18                  |

**Remarks:**

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

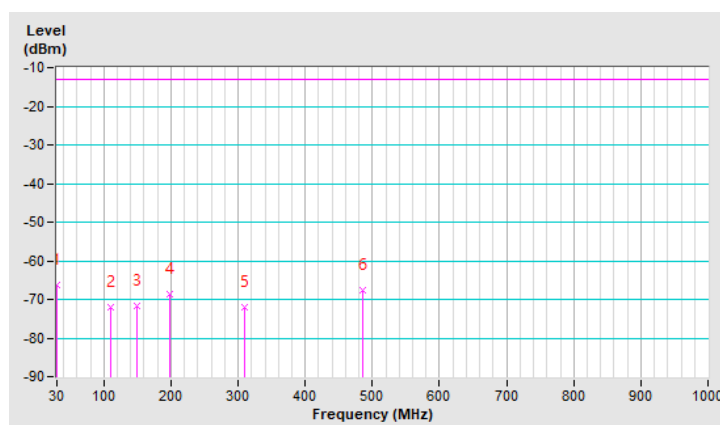


|                |                       |                 |                |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 144500 (722.5 MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| 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) | Correction Factor (dB/m) |
| 1                                                    | 30.81           | -66.12     | -13.00      | -53.12      | 2.00 H             | 24                   | 38.54            | -104.66                  |
| 2                                                    | 109.50          | -72.11     | -13.00      | -59.11      | 1.50 H             | 51                   | 34.20            | -106.31                  |
| 3                                                    | 149.37          | -71.63     | -13.00      | -58.63      | 2.00 H             | 265                  | 31.70            | -103.33                  |
| 4                                                    | 197.42          | -68.66     | -13.00      | -55.66      | 1.50 H             | 42                   | 37.75            | -106.41                  |
| 5                                                    | 310.48          | -71.98     | -13.00      | -58.98      | 1.50 H             | 289                  | 30.52            | -102.50                  |
| 6                                                    | 485.71          | -67.75     | -13.00      | -54.75      | 1.50 H             | 189                  | 30.66            | -98.41                   |

**Remarks:**

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

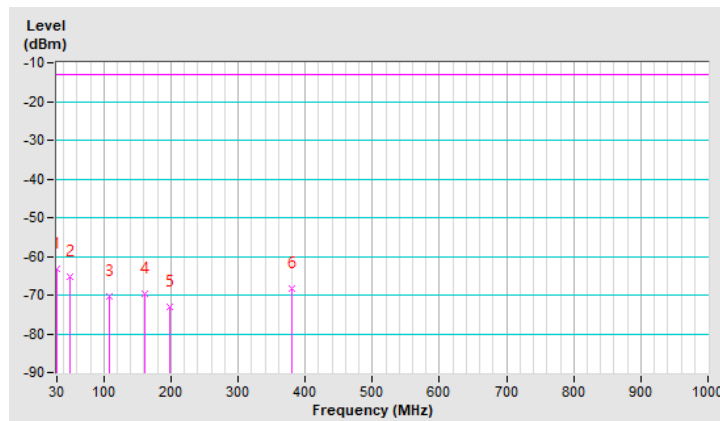


|                |                       |                 |                |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 144500 (722.5 MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 30.81           | -63.16     | -13.00      | -50.16      | 1.00 V             | 106                  | 41.50            | -104.66                  |
| 2                                                  | 48.63           | -65.35     | -13.00      | -52.35      | 1.00 V             | 224                  | 38.10            | -103.45                  |
| 3                                                  | 107.39          | -70.40     | -13.00      | -57.40      | 1.50 V             | 346                  | 36.13            | -106.53                  |
| 4                                                  | 161.55          | -69.75     | -13.00      | -56.75      | 1.00 V             | 38                   | 33.89            | -103.64                  |
| 5                                                  | 198.52          | -72.93     | -13.00      | -59.93      | 1.00 V             | 264                  | 33.52            | -106.45                  |
| 6                                                  | 380.09          | -68.47     | -13.00      | -55.47      | 1.00 V             | 276                  | 32.71            | -101.18                  |

**Remarks:**

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

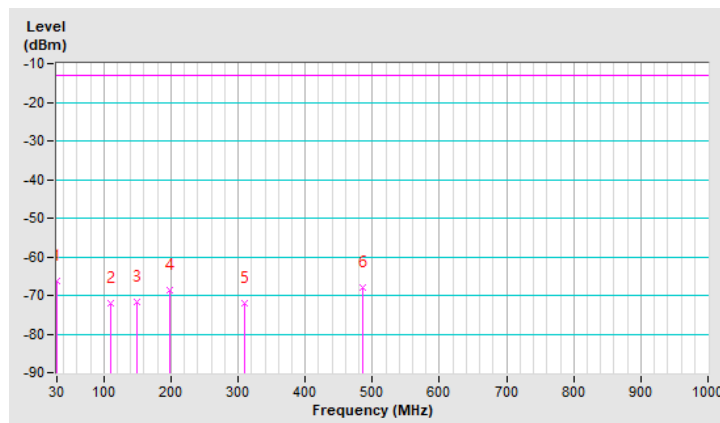


|                |                       |                 |                |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 145100 (725.5 MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| 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) | Correction Factor (dB/m) |
| 1                                                    | 30.87           | -66.21     | -13.00      | -53.21      | 2.00 H             | 37                   | 38.47            | -104.68                  |
| 2                                                    | 109.57          | -72.18     | -13.00      | -59.18      | 1.50 H             | 58                   | 34.12            | -106.30                  |
| 3                                                    | 149.46          | -71.72     | -13.00      | -58.72      | 2.00 H             | 246                  | 31.60            | -103.32                  |
| 4                                                    | 197.53          | -68.76     | -13.00      | -55.76      | 1.50 H             | 24                   | 37.65            | -106.41                  |
| 5                                                    | 310.55          | -72.05     | -13.00      | -59.05      | 1.50 H             | 331                  | 30.44            | -102.49                  |
| 6                                                    | 485.78          | -67.84     | -13.00      | -54.84      | 1.50 H             | 163                  | 30.57            | -98.41                   |

**Remarks:**

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

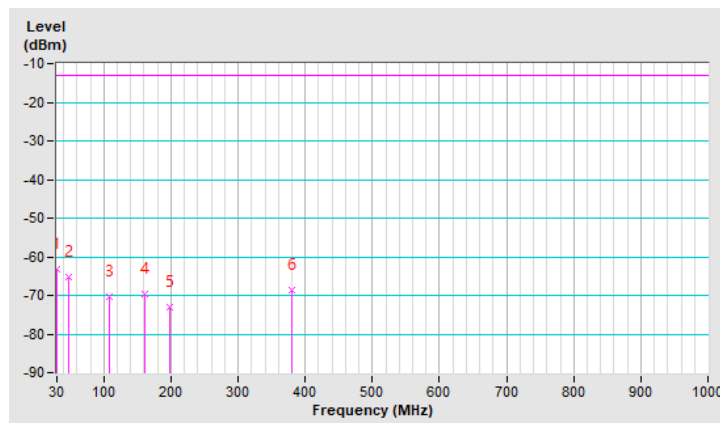


|                |                       |                 |                |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 145100 (725.5 MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 30.74           | -63.22     | -13.00      | -50.22      | 1.00 V             | 93                   | 41.42            | -104.64                  |
| 2                                                  | 48.57           | -65.42     | -13.00      | -52.42      | 1.00 V             | 211                  | 38.02            | -103.44                  |
| 3                                                  | 107.33          | -70.47     | -13.00      | -57.47      | 1.50 V             | 352                  | 36.07            | -106.54                  |
| 4                                                  | 161.49          | -69.80     | -13.00      | -56.80      | 1.00 V             | 43                   | 33.84            | -103.64                  |
| 5                                                  | 198.46          | -72.99     | -13.00      | -59.99      | 1.00 V             | 247                  | 33.45            | -106.44                  |
| 6                                                  | 380.03          | -68.51     | -13.00      | -55.51      | 1.00 V             | 253                  | 32.67            | -101.18                  |

**Remarks:**

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



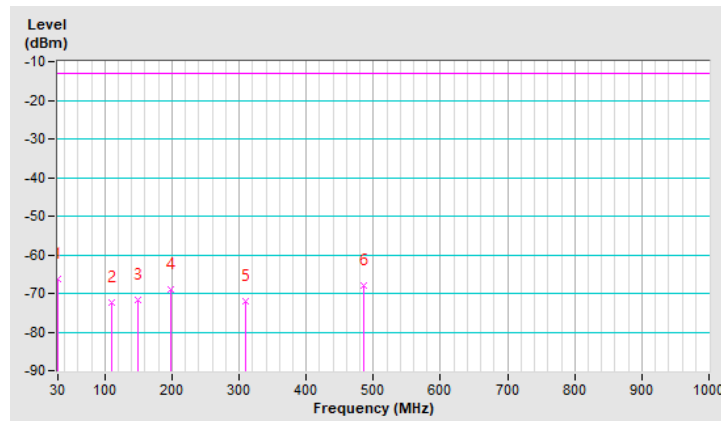
# 10MHz

|                |                     |                 |                |
|----------------|---------------------|-----------------|----------------|
| Test Frequency | Ch 144400 (722 MHz) | 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) | Correction Factor (dB/m) |
| 1                                                    | 30.93           | -66.28     | -13.00      | -53.28      | 2.00 H             | 26                   | 38.42            | -104.70                  |
| 2                                                    | 109.63          | -72.25     | -13.00      | -59.25      | 1.50 H             | 47                   | 34.05            | -106.30                  |
| 3                                                    | 149.53          | -71.79     | -13.00      | -58.79      | 2.00 H             | 225                  | 31.52            | -103.31                  |
| 4                                                    | 197.62          | -68.83     | -13.00      | -55.83      | 1.50 H             | 35                   | 37.58            | -106.41                  |
| 5                                                    | 310.63          | -72.12     | -13.00      | -59.12      | 1.50 H             | 299                  | 30.37            | -102.49                  |
| 6                                                    | 485.84          | -67.91     | -13.00      | -54.91      | 1.50 H             | 155                  | 30.50            | -98.41                   |

## Remarks:

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

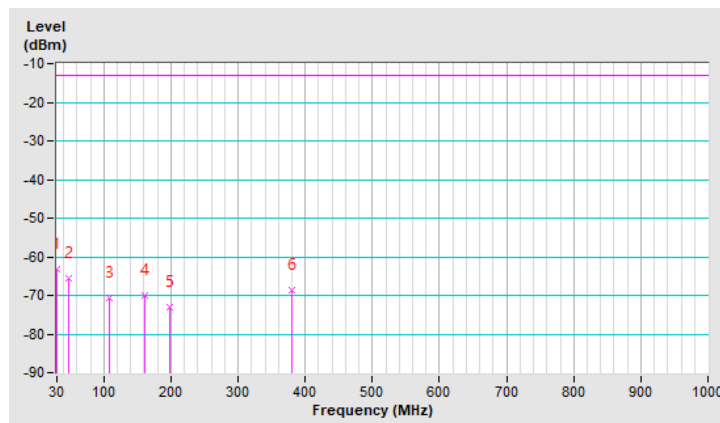


|                |                     |                 |                |
|----------------|---------------------|-----------------|----------------|
| Test Frequency | Ch 144400 (722 MHz) | Frequency Range | Below 1000 MHz |
|----------------|---------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 30.64           | -63.28     | -13.00      | -50.28      | 1.00 V             | 78                   | 41.32            | -104.60                  |
| 2                                                  | 48.51           | -65.49     | -13.00      | -52.49      | 1.00 V             | 186                  | 37.95            | -103.44                  |
| 3                                                  | 107.26          | -70.54     | -13.00      | -57.54      | 1.50 V             | 347                  | 36.02            | -106.56                  |
| 4                                                  | 161.41          | -69.86     | -13.00      | -56.86      | 1.00 V             | 56                   | 33.77            | -103.63                  |
| 5                                                  | 198.39          | -73.06     | -13.00      | -60.06      | 1.00 V             | 234                  | 33.38            | -106.44                  |
| 6                                                  | 379.96          | -68.57     | -13.00      | -55.57      | 1.00 V             | 265                  | 32.61            | -101.18                  |

**Remarks:**

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

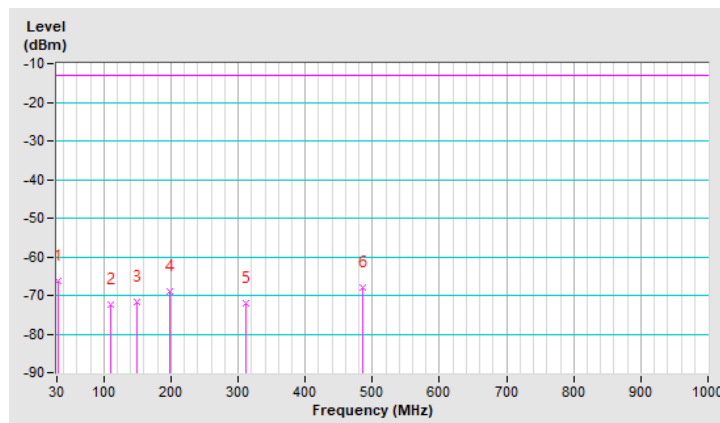


|                |                       |                 |                |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 144500 (722.5 MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| 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) | Correction Factor (dB/m) |
| 1                                                    | 31.00           | -66.33     | -13.00      | -53.33      | 2.00 H             | 32                   | 38.40            | -104.73                  |
| 2                                                    | 109.72          | -72.33     | -13.00      | -59.33      | 1.50 H             | 63                   | 33.96            | -106.29                  |
| 3                                                    | 149.58          | -71.85     | -13.00      | -58.85      | 2.00 H             | 197                  | 31.45            | -103.30                  |
| 4                                                    | 197.67          | -68.88     | -13.00      | -55.88      | 1.50 H             | 29                   | 37.53            | -106.41                  |
| 5                                                    | 310.69          | -72.17     | -13.00      | -59.17      | 1.50 H             | 313                  | 30.32            | -102.49                  |
| 6                                                    | 485.91          | -67.95     | -13.00      | -54.95      | 1.50 H             | 142                  | 30.46            | -98.41                   |

**Remarks:**

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

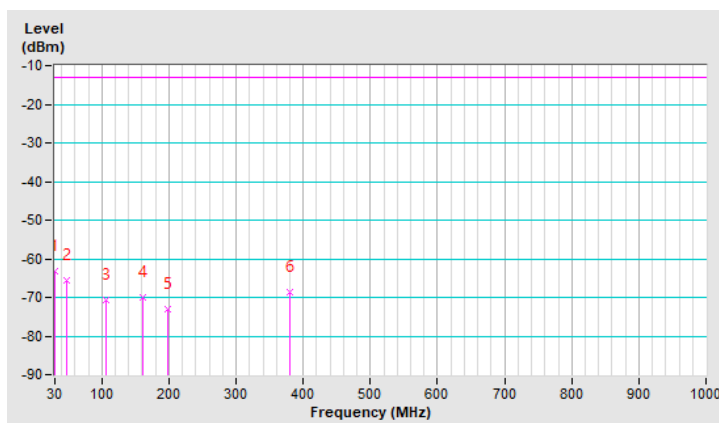


|                |                       |                 |                |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 144500 (722.5 MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 30.58           | -63.34     | -13.00      | -50.34      | 1.00 V             | 68                   | 41.24            | -104.58                  |
| 2                                                  | 48.45           | -65.55     | -13.00      | -52.55      | 1.00 V             | 197                  | 37.88            | -103.43                  |
| 3                                                  | 107.18          | -70.61     | -13.00      | -57.61      | 1.50 V             | 335                  | 35.96            | -106.57                  |
| 4                                                  | 161.34          | -69.92     | -13.00      | -56.92      | 1.00 V             | 49                   | 33.71            | -103.63                  |
| 5                                                  | 198.31          | -73.13     | -13.00      | -60.13      | 1.00 V             | 224                  | 33.31            | -106.44                  |
| 6                                                  | 379.89          | -68.62     | -13.00      | -55.62      | 1.00 V             | 249                  | 32.56            | -101.18                  |

**Remarks:**

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

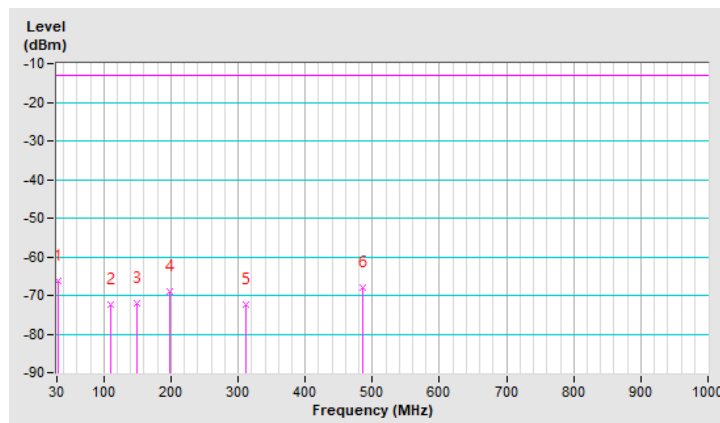


|                |                     |                 |                |
|----------------|---------------------|-----------------|----------------|
| Test Frequency | Ch 144600 (723 MHz) | Frequency Range | Below 1000 MHz |
|----------------|---------------------|-----------------|----------------|

| 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) | Correction Factor (dB/m) |
| 1                                                    | 31.05           | -66.42     | -13.00      | -53.42      | 2.00 H             | 41                   | 38.32            | -104.74                  |
| 2                                                    | 109.76          | -72.39     | -13.00      | -59.39      | 1.50 H             | 75                   | 33.90            | -106.29                  |
| 3                                                    | 149.63          | -71.92     | -13.00      | -58.92      | 2.00 H             | 221                  | 31.38            | -103.30                  |
| 4                                                    | 197.73          | -68.93     | -13.00      | -55.93      | 1.50 H             | 35                   | 37.48            | -106.41                  |
| 5                                                    | 310.76          | -72.24     | -13.00      | -59.24      | 1.50 H             | 299                  | 30.25            | -102.49                  |
| 6                                                    | 485.98          | -68.02     | -13.00      | -55.02      | 1.50 H             | 135                  | 30.39            | -98.41                   |

**Remarks:**

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

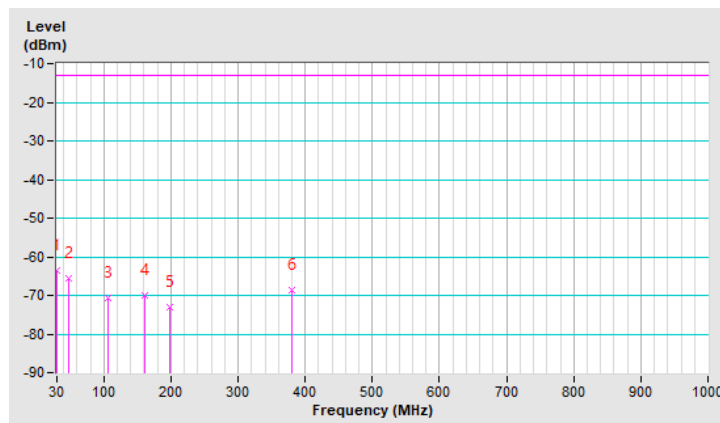


|                |                     |                 |                |
|----------------|---------------------|-----------------|----------------|
| Test Frequency | Ch 144600 (723 MHz) | Frequency Range | Below 1000 MHz |
|----------------|---------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 30.51           | -63.41     | -13.00      | -50.41      | 1.00 V             | 57                   | 41.14            | -104.55                  |
| 2                                                  | 48.38           | -65.61     | -13.00      | -52.61      | 1.00 V             | 178                  | 37.81            | -103.42                  |
| 3                                                  | 107.12          | -70.67     | -13.00      | -57.67      | 1.50 V             | 314                  | 35.92            | -106.59                  |
| 4                                                  | 161.24          | -70.02     | -13.00      | -57.02      | 1.00 V             | 29                   | 33.60            | -103.62                  |
| 5                                                  | 198.24          | -73.21     | -13.00      | -60.21      | 1.00 V             | 234                  | 33.22            | -106.43                  |
| 6                                                  | 379.82          | -68.68     | -13.00      | -55.68      | 1.00 V             | 277                  | 32.50            | -101.18                  |

**Remarks:**

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



## CA-NC Non-Contiguous

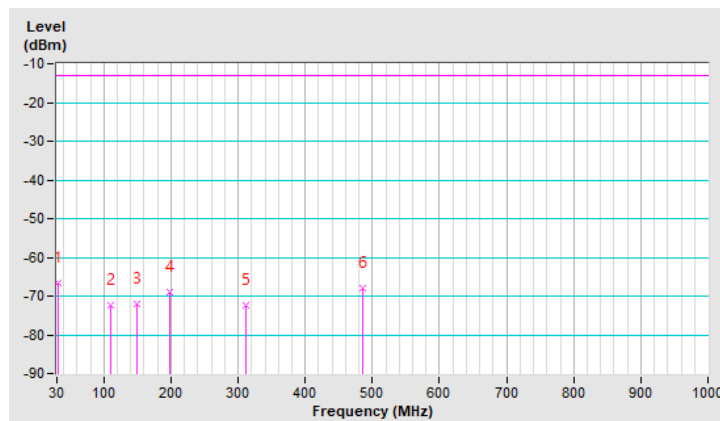
### 5MHz+5MHz

|                |                                               |                 |                |
|----------------|-----------------------------------------------|-----------------|----------------|
| Test Frequency | Ch 143900 (719.5MHz)+<br>Ch 145100 (725.5MHz) | 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) | Correction Factor (dB/m) |
| 1                                                    | 31.12           | -66.51     | -13.00      | -53.51      | 2.00 H             | 36                   | 38.23            | -104.74                  |
| 2                                                    | 109.83          | -72.45     | -13.00      | -59.45      | 1.50 H             | 63                   | 33.83            | -106.28                  |
| 3                                                    | 149.69          | -71.97     | -13.00      | -58.97      | 2.00 H             | 197                  | 31.32            | -103.29                  |
| 4                                                    | 197.79          | -69.03     | -13.00      | -56.03      | 1.50 H             | 29                   | 37.39            | -106.42                  |
| 5                                                    | 310.83          | -72.31     | -13.00      | -59.31      | 1.50 H             | 287                  | 30.17            | -102.48                  |
| 6                                                    | 486.03          | -68.10     | -13.00      | -55.10      | 1.50 H             | 126                  | 30.31            | -98.41                   |

#### Remarks:

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

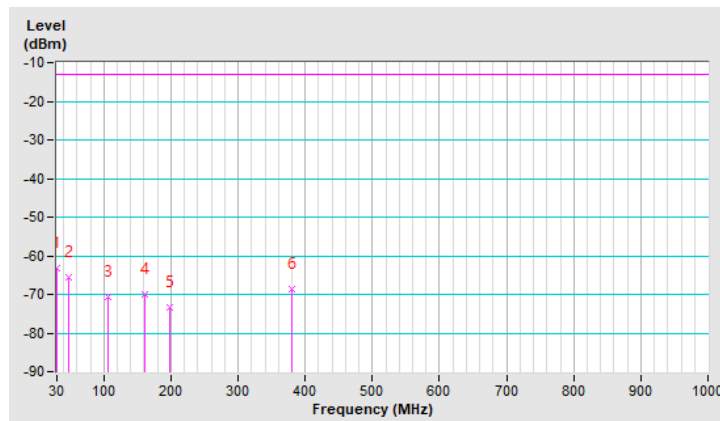


|                |                                               |                 |                |
|----------------|-----------------------------------------------|-----------------|----------------|
| Test Frequency | Ch 143900 (719.5MHz)+<br>Ch 145100 (725.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------------------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| MH                                                 | 30.57           | -63.34     | -13.00      | -50.34      | 1.00 V             | 43                   | 41.24            | -104.58                  |
| 2                                                  | 48.45           | -65.68     | -13.00      | -52.68      | 1.00 V             | 154                  | 37.75            | -103.43                  |
| 3                                                  | 107.02          | -70.78     | -13.00      | -57.78      | 1.50 V             | 297                  | 35.83            | -106.61                  |
| 4                                                  | 161.17          | -70.07     | -13.00      | -57.07      | 1.00 V             | 46                   | 33.55            | -103.62                  |
| 5                                                  | 198.19          | -73.26     | -13.00      | -60.26      | 1.00 V             | 245                  | 33.17            | -106.43                  |
| 6                                                  | 379.75          | -68.75     | -13.00      | -55.75      | 1.00 V             | 311                  | 32.43            | -101.18                  |

**Remarks:**

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



Above 1GHz  
**Single Carrier**  
**5MHz**

|                |                       |                 |                |
|----------------|-----------------------|-----------------|----------------|
| Test Frequency | Ch 143900 (719.5 MHz) | Frequency Range | 1 GHz ~ 10 GHz |
|----------------|-----------------------|-----------------|----------------|

| 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) | Correction Factor (dB/m) |
| 1                                                    | 1439.00         | -64.83     | -13.00      | -51.83      | 1.50 H             | 127                  | 34.18            | -99.01                   |
| 2                                                    | 1798.75         | -61.18     | -13.00      | -48.18      | 1.50 H             | 232                  | 37.71            | -98.89                   |
| 3                                                    | 2158.50         | -62.87     | -13.00      | -49.87      | 2.00 H             | 34                   | 33.09            | -95.96                   |
| 4                                                    | 2518.25         | -64.27     | -13.00      | -51.27      | 1.50 H             | 14                   | 31.92            | -96.19                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1439.00         | -63.57     | -13.00      | -50.57      | 1.50 V             | 124                  | 35.44            | -99.01                   |
| 2                                                    | 1798.75         | -63.17     | -13.00      | -50.17      | 1.50 V             | 359                  | 35.72            | -98.89                   |
| 3                                                    | 2158.50         | -63.49     | -13.00      | -50.49      | 1.50 V             | 274                  | 32.47            | -95.96                   |
| 4                                                    | 2518.25         | -62.73     | -13.00      | -49.73      | 1.50 V             | 76                   | 33.46            | -96.19                   |

**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 144500 (722.5 MHz) | Frequency Range | 1 GHz ~ 10 GHz |
|----------------|-----------------------|-----------------|----------------|

| 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) | Correction Factor (dB/m) |
| 1                                                    | 1445.00         | -63.06     | -13.00      | -50.06      | 1.50 H             | 114                  | 35.96            | -99.02                   |
| 2                                                    | 1806.25         | -63.12     | -13.00      | -50.12      | 1.50 H             | 263                  | 35.75            | -98.87                   |
| 3                                                    | 2167.50         | -64.10     | -13.00      | -51.10      | 1.50 H             | 53                   | 31.77            | -95.87                   |
| 4                                                    | 2528.75         | -64.04     | -13.00      | -51.04      | 2.00 H             | 57                   | 32.14            | -96.18                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1445.00         | -64.42     | -13.00      | -51.42      | 1.50 V             | 188                  | 34.60            | -99.02                   |
| 2                                                    | 1806.25         | -63.85     | -13.00      | -50.85      | 1.50 V             | 279                  | 35.02            | -98.87                   |
| 3                                                    | 2167.50         | -62.38     | -13.00      | -49.38      | 1.50 V             | 129                  | 33.49            | -95.87                   |
| 4                                                    | 2528.75         | -62.59     | -13.00      | -49.59      | 1.50 V             | 49                   | 33.59            | -96.18                   |

**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 145100 (725.5 MHz) | Frequency Range | 1 GHz ~ 10 GHz |
|----------------|-----------------------|-----------------|----------------|

| 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) | Correction Factor (dB/m) |
| 1                                                    | 1451.00         | -63.70     | -13.00      | -50.70      | 1.50 H             | 63                   | 35.34            | -99.04                   |
| 2                                                    | 1813.75         | -63.76     | -13.00      | -50.76      | 1.50 H             | 287                  | 35.09            | -98.85                   |
| 3                                                    | 2176.50         | -63.10     | -13.00      | -50.10      | 1.50 H             | 227                  | 32.70            | -95.80                   |
| 4                                                    | 2539.25         | -63.01     | -13.00      | -50.01      | 2.00 H             | 15                   | 33.16            | -96.17                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1451.00         | -63.37     | -13.00      | -50.37      | 1.50 V             | 147                  | 35.67            | -99.04                   |
| 2                                                    | 1813.75         | -62.16     | -13.00      | -49.16      | 1.50 V             | 33                   | 36.69            | -98.85                   |
| 3                                                    | 2176.50         | -62.57     | -13.00      | -49.57      | 1.50 V             | 78                   | 33.23            | -95.80                   |
| 4                                                    | 2539.25         | -64.03     | -13.00      | -51.03      | 1.50 V             | 149                  | 32.14            | -96.17                   |

**Remarks:**

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

# 10MHz

|                |                     |                 |                |
|----------------|---------------------|-----------------|----------------|
| Test Frequency | Ch 144400 (722 MHz) | Frequency Range | 1 GHz ~ 10 GHz |
|----------------|---------------------|-----------------|----------------|

| 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) | Correction Factor (dB/m) |
| 1                                                    | 1444.00         | -64.17     | -13.00      | -51.17      | 1.50 H             | 17                   | 34.86            | -99.03                   |
| 2                                                    | 1805.00         | -63.57     | -13.00      | -50.57      | 2.00 H             | 241                  | 35.30            | -98.87                   |
| 3                                                    | 2166.00         | -62.51     | -13.00      | -49.51      | 1.50 H             | 234                  | 33.38            | -95.89                   |
| 4                                                    | 2527.00         | -62.95     | -13.00      | -49.95      | 1.50 H             | 71                   | 33.24            | -96.19                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1444.00         | -62.95     | -13.00      | -49.95      | 1.50 V             | 138                  | 36.08            | -99.03                   |
| 2                                                    | 1805.00         | -61.66     | -13.00      | -48.66      | 1.50 V             | 274                  | 37.21            | -98.87                   |
| 3                                                    | 2166.00         | -62.59     | -13.00      | -49.59      | 1.50 V             | 79                   | 33.30            | -95.89                   |
| 4                                                    | 2527.00         | -63.97     | -13.00      | -50.97      | 1.50 V             | 77                   | 32.22            | -96.19                   |

## 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 144500 (722.5 MHz) | Frequency Range | 1 GHz ~ 10 GHz |
|----------------|-----------------------|-----------------|----------------|

| 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) | Correction Factor (dB/m) |
| 1                                                    | 1445.00         | -64.39     | -13.00      | -51.39      | 1.50 H             | 124                  | 34.63            | -99.02                   |
| 2                                                    | 1806.25         | -61.03     | -13.00      | -48.03      | 2.00 H             | 251                  | 37.84            | -98.87                   |
| 3                                                    | 2167.50         | -62.96     | -13.00      | -49.96      | 1.50 H             | 47                   | 32.91            | -95.87                   |
| 4                                                    | 2528.75         | -64.56     | -13.00      | -51.56      | 1.50 H             | 18                   | 31.62            | -96.18                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1445.00         | -63.31     | -13.00      | -50.31      | 1.50 V             | 124                  | 35.71            | -99.02                   |
| 2                                                    | 1806.25         | -63.44     | -13.00      | -50.44      | 1.50 V             | 347                  | 35.43            | -98.87                   |
| 3                                                    | 2167.50         | -63.74     | -13.00      | -50.74      | 1.50 V             | 293                  | 32.13            | -95.87                   |
| 4                                                    | 2528.75         | -63.11     | -13.00      | -50.11      | 1.50 V             | 187                  | 33.07            | -96.18                   |

**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 144600 (723MHz) | Frequency Range | 1 GHz ~ 10 GHz |
|----------------|--------------------|-----------------|----------------|

| 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) | Correction Factor (dB/m) |
| 1                                                    | 1446.00         | -63.12     | -13.00      | -50.12      | 1.50 H             | 254                  | 35.90            | -99.02                   |
| 2                                                    | 1807.50         | -63.53     | -13.00      | -50.53      | 2.00 H             | 231                  | 35.34            | -98.87                   |
| 3                                                    | 2169.00         | -63.61     | -13.00      | -50.61      | 1.50 H             | 303                  | 32.24            | -95.85                   |
| 4                                                    | 2530.50         | -63.86     | -13.00      | -50.86      | 1.50 H             | 47                   | 32.33            | -96.19                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1446.00         | -64.65     | -13.00      | -51.65      | 1.50 V             | 121                  | 34.37            | -99.02                   |
| 2                                                    | 1807.50         | -64.17     | -13.00      | -51.17      | 1.50 V             | 288                  | 34.70            | -98.87                   |
| 3                                                    | 2169.00         | -62.11     | -13.00      | -49.11      | 1.50 V             | 126                  | 33.74            | -95.85                   |
| 4                                                    | 2530.50         | -62.96     | -13.00      | -49.96      | 1.50 V             | 72                   | 33.23            | -96.19                   |

**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-NC Non-Contiguous

### 5MHz+5MHz

|                |                                               |                 |                |
|----------------|-----------------------------------------------|-----------------|----------------|
| Test Frequency | Ch 143900 (719.5MHz)+<br>Ch 145100 (725.5MHz) | Frequency Range | 1 GHz ~ 10 GHz |
|----------------|-----------------------------------------------|-----------------|----------------|

| 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) | Correction Factor (dB/m) |
| 1                                                    | 1445.00         | -63.95     | -13.00      | -50.95      | 1.50 H             | 120                  | 35.07            | -99.02                   |
| 2                                                    | 1806.25         | -62.88     | -13.00      | -49.88      | 2.00 H             | 274                  | 35.99            | -98.87                   |
| 3                                                    | 2167.50         | -63.22     | -13.00      | -50.22      | 1.50 H             | 269                  | 32.65            | -95.87                   |
| 4                                                    | 2528.75         | -63.12     | -13.00      | -50.12      | 1.50 H             | 141                  | 33.06            | -96.18                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1445.00         | -62.95     | -13.00      | -49.95      | 1.50 V             | 247                  | 36.07            | -99.02                   |
| 2                                                    | 1806.25         | -61.72     | -13.00      | -48.72      | 1.50 V             | 354                  | 37.15            | -98.87                   |
| 3                                                    | 2167.50         | -63.17     | -13.00      | -50.17      | 1.50 V             | 289                  | 32.70            | -95.87                   |
| 4                                                    | 2528.75         | -63.92     | -13.00      | -50.92      | 1.50 V             | 79                   | 32.26            | -96.18                   |

#### Remarks:

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

**Band n71**  
**Single Carrier**

Below 1GHz

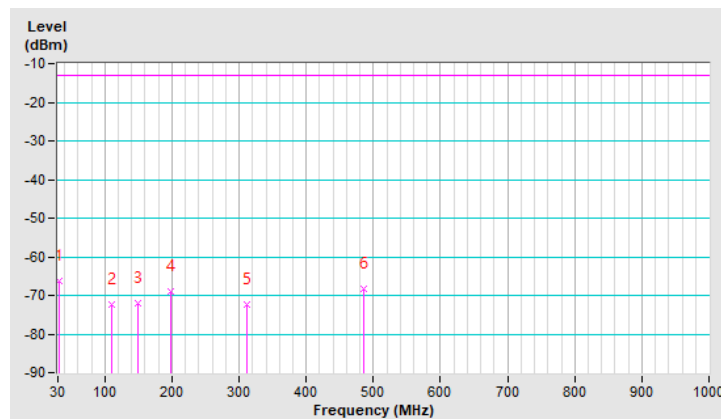
**5MHz**

|                |                      |                 |                |
|----------------|----------------------|-----------------|----------------|
| Test Frequency | Ch 123900 (619.5MHz) | 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) | Correction Factor (dB/m) |
| 1                                                    | 30.98           | -66.43     | -13.00      | -53.43      | 2.00 H             | 28                   | 38.29            | -104.72                  |
| 2                                                    | 109.89          | -72.51     | -13.00      | -59.51      | 1.50 H             | 68                   | 33.77            | -106.28                  |
| 3                                                    | 149.63          | -71.88     | -13.00      | -58.88      | 2.00 H             | 205                  | 31.42            | -103.30                  |
| 4                                                    | 197.71          | -68.96     | -13.00      | -55.96      | 1.50 H             | 34                   | 37.45            | -106.41                  |
| 5                                                    | 310.75          | -72.23     | -13.00      | -59.23      | 1.50 H             | 295                  | 30.26            | -102.49                  |
| 6                                                    | 486.10          | -68.16     | -13.00      | -55.16      | 1.50 H             | 133                  | 30.24            | -98.40                   |

**Remarks:**

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

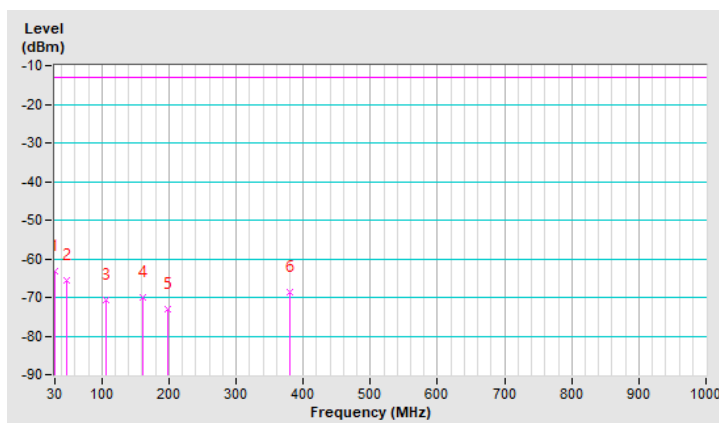


|                |                      |                 |                |
|----------------|----------------------|-----------------|----------------|
| Test Frequency | Ch 123900 (619.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 30.65           | -63.26     | -13.00      | -50.26      | 1.00 V             | 57                   | 41.34            | -104.60                  |
| 2                                                  | 48.51           | -65.61     | -13.00      | -52.61      | 1.00 V             | 141                  | 37.83            | -103.44                  |
| 3                                                  | 107.07          | -70.72     | -13.00      | -57.72      | 1.50 V             | 302                  | 35.88            | -106.60                  |
| 4                                                  | 161.22          | -70.03     | -13.00      | -57.03      | 1.00 V             | 57                   | 33.59            | -103.62                  |
| 5                                                  | 198.24          | -73.20     | -13.00      | -60.20      | 1.00 V             | 252                  | 33.23            | -106.43                  |
| 6                                                  | 379.81          | -68.71     | -13.00      | -55.71      | 1.00 V             | 297                  | 32.47            | -101.18                  |

**Remarks:**

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

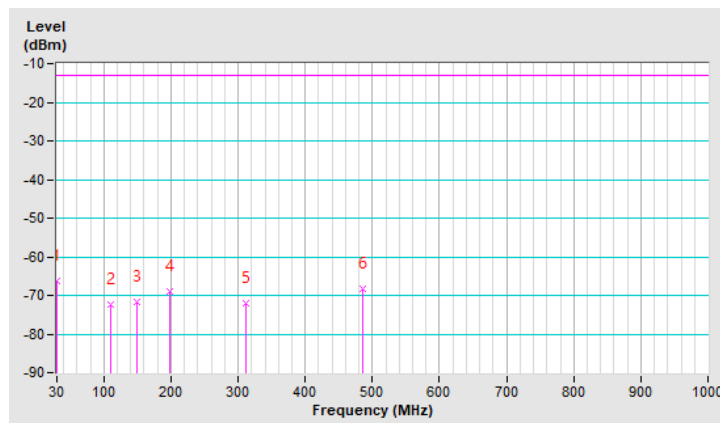


|                |                      |                 |                |
|----------------|----------------------|-----------------|----------------|
| Test Frequency | Ch 126900 (634.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|----------------------|-----------------|----------------|

| 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) | Correction Factor (dB/m) |
| 1                                                    | 30.92           | -66.34     | -13.00      | -53.34      | 2.00 H             | 36                   | 38.36            | -104.70                  |
| 2                                                    | 109.81          | -72.45     | -13.00      | -59.45      | 1.50 H             | 53                   | 33.83            | -106.28                  |
| 3                                                    | 149.55          | -71.78     | -13.00      | -58.78      | 2.00 H             | 234                  | 31.53            | -103.31                  |
| 4                                                    | 197.64          | -68.89     | -13.00      | -55.89      | 1.50 H             | 27                   | 37.52            | -106.41                  |
| 5                                                    | 310.69          | -72.16     | -13.00      | -59.16      | 1.50 H             | 311                  | 30.33            | -102.49                  |
| 6                                                    | 486.15          | -68.22     | -13.00      | -55.22      | 1.50 H             | 142                  | 30.18            | -98.40                   |

**Remarks:**

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

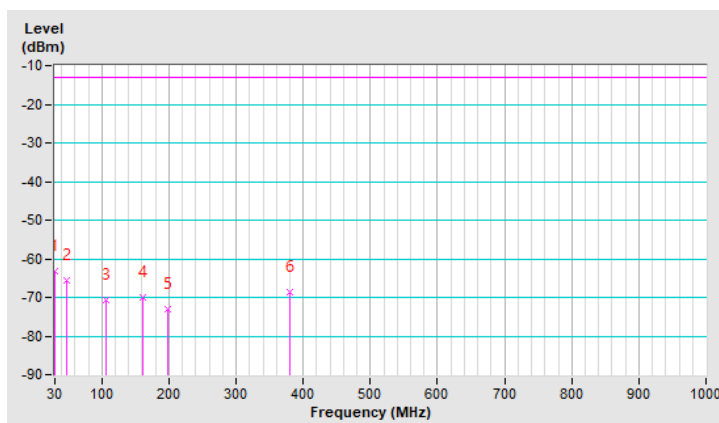


|                |                      |                 |                |
|----------------|----------------------|-----------------|----------------|
| Test Frequency | Ch 126900 (634.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 30.69           | -63.20     | -13.00      | -50.20      | 1.00 V             | 47                   | 41.42            | -104.62                  |
| 2                                                  | 48.57           | -65.57     | -13.00      | -52.57      | 1.00 V             | 149                  | 37.87            | -103.44                  |
| 3                                                  | 107.12          | -70.67     | -13.00      | -57.67      | 1.50 V             | 317                  | 35.92            | -106.59                  |
| 4                                                  | 161.27          | -69.95     | -13.00      | -56.95      | 1.00 V             | 49                   | 33.68            | -103.63                  |
| 5                                                  | 198.30          | -73.13     | -13.00      | -60.13      | 1.00 V             | 268                  | 33.31            | -106.44                  |
| 6                                                  | 379.86          | -68.66     | -13.00      | -55.66      | 1.00 V             | 305                  | 32.52            | -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) + 20log(D) – 104.8

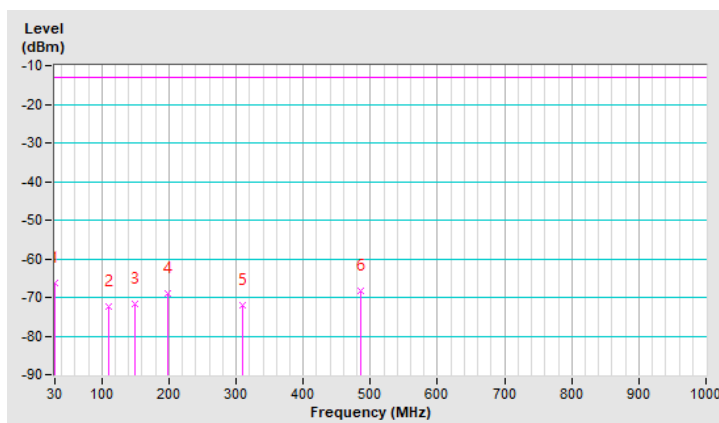


|                |                      |                 |                |
|----------------|----------------------|-----------------|----------------|
| Test Frequency | Ch 129900 (649.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|----------------------|-----------------|----------------|

| 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) | Correction Factor (dB/m) |
| 1                                                    | 30.86           | -66.26     | -13.00      | -53.26      | 2.00 H             | 17                   | 38.42            | -104.68                  |
| 2                                                    | 109.75          | -72.38     | -13.00      | -59.38      | 1.50 H             | 66                   | 33.91            | -106.29                  |
| 3                                                    | 149.48          | -71.72     | -13.00      | -58.72      | 2.00 H             | 235                  | 31.60            | -103.32                  |
| 4                                                    | 197.57          | -68.96     | -13.00      | -55.96      | 1.50 H             | 48                   | 37.45            | -106.41                  |
| 5                                                    | 310.62          | -72.08     | -13.00      | -59.08      | 1.50 H             | 326                  | 30.41            | -102.49                  |
| 6                                                    | 486.22          | -68.28     | -13.00      | -55.28      | 1.50 H             | 129                  | 30.12            | -98.40                   |

**Remarks:**

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

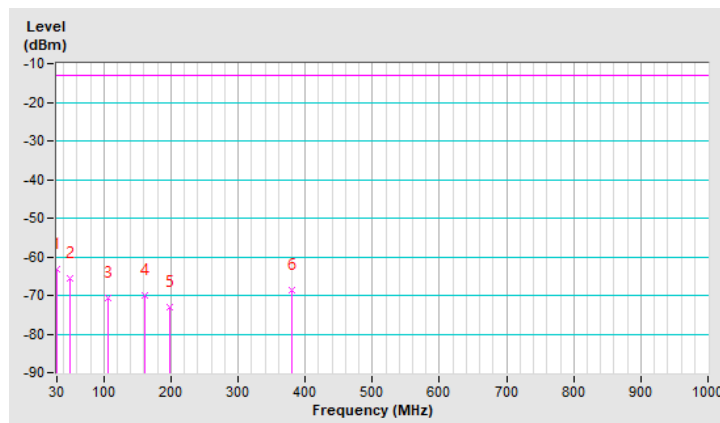


|                |                      |                 |                |
|----------------|----------------------|-----------------|----------------|
| Test Frequency | Ch 129900 (649.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 30.74           | -63.14     | -13.00      | -50.14      | 1.00 V             | 58                   | 41.50            | -104.64                  |
| 2                                                  | 48.62           | -65.52     | -13.00      | -52.52      | 1.00 V             | 133                  | 37.93            | -103.45                  |
| 3                                                  | 107.16          | -70.59     | -13.00      | -57.59      | 1.50 V             | 342                  | 35.99            | -106.58                  |
| 4                                                  | 161.33          | -69.89     | -13.00      | -56.89      | 1.00 V             | 34                   | 33.74            | -103.63                  |
| 5                                                  | 198.36          | -73.06     | -13.00      | -60.06      | 1.00 V             | 277                  | 33.38            | -106.44                  |
| 6                                                  | 379.91          | -68.61     | -13.00      | -55.61      | 1.00 V             | 324                  | 32.57            | -101.18                  |

**Remarks:**

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



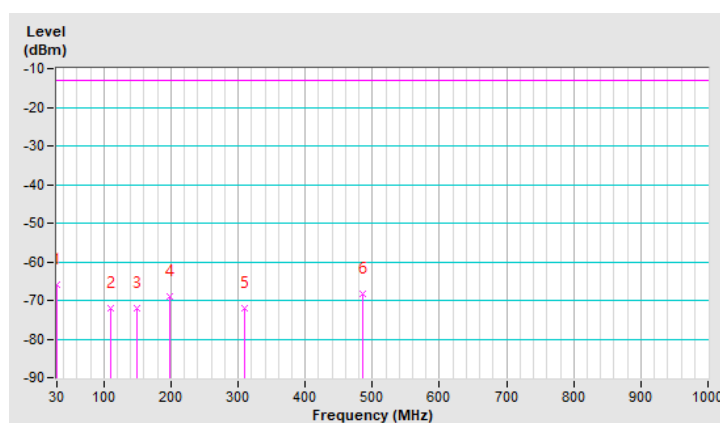
## 20MHz

|                |                    |                 |                |
|----------------|--------------------|-----------------|----------------|
| Test Frequency | Ch 125400 (627MHz) | 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) | Correction Factor (dB/m) |
| 1                                                    | 30.72           | -66.03     | -13.00      | -53.03      | 2.00 H             | 55                   | 38.60            | -104.63                  |
| 2                                                    | 109.65          | -72.10     | -13.00      | -59.10      | 1.50 H             | 34                   | 34.19            | -106.29                  |
| 3                                                    | 149.44          | -72.02     | -13.00      | -59.02      | 2.00 H             | 265                  | 31.30            | -103.32                  |
| 4                                                    | 197.43          | -69.02     | -13.00      | -56.02      | 1.50 H             | 126                  | 37.39            | -106.41                  |
| 5                                                    | 310.58          | -72.16     | -13.00      | -59.16      | 1.50 H             | 289                  | 30.33            | -102.49                  |
| 6                                                    | 486.29          | -68.47     | -13.00      | -55.47      | 1.50 H             | 134                  | 29.93            | -98.40                   |

### Remarks:

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

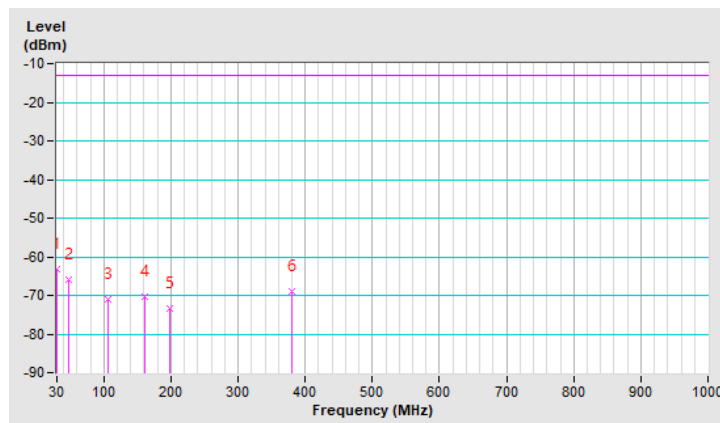


|                |                    |                 |                |
|----------------|--------------------|-----------------|----------------|
| Test Frequency | Ch 125400 (627MHz) | Frequency Range | Below 1000 MHz |
|----------------|--------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 30.91           | -63.09     | -13.00      | -50.09      | 1.00 V             | 103                  | 41.61            | -104.70                  |
| 2                                                  | 48.34           | -65.79     | -13.00      | -52.79      | 1.00 V             | 143                  | 37.63            | -103.42                  |
| 3                                                  | 106.86          | -70.88     | -13.00      | -57.88      | 1.50 V             | 338                  | 35.76            | -106.64                  |
| 4                                                  | 160.95          | -70.18     | -13.00      | -57.18      | 1.00 V             | 78                   | 33.42            | -103.60                  |
| 5                                                  | 198.07          | -73.38     | -13.00      | -60.38      | 1.00 V             | 206                  | 33.04            | -106.42                  |
| 6                                                  | 379.61          | -68.91     | -13.00      | -55.91      | 1.00 V             | 314                  | 32.27            | -101.18                  |

**Remarks:**

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

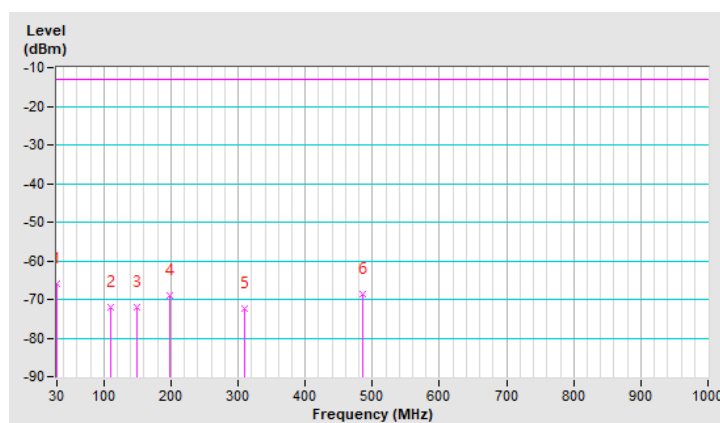


|                |                      |                 |                |
|----------------|----------------------|-----------------|----------------|
| Test Frequency | Ch 126900 (634.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|----------------------|-----------------|----------------|

| 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) | Correction Factor (dB/m) |
| 1                                                    | 30.67           | -66.09     | -13.00      | -53.09      | 2.00 H             | 64                   | 38.52            | -104.61                  |
| 2                                                    | 109.58          | -72.16     | -13.00      | -59.16      | 1.50 H             | 29                   | 34.14            | -106.30                  |
| 3                                                    | 149.38          | -72.08     | -13.00      | -59.08      | 2.00 H             | 282                  | 31.25            | -103.33                  |
| 4                                                    | 197.37          | -69.09     | -13.00      | -56.09      | 1.50 H             | 114                  | 37.32            | -106.41                  |
| 5                                                    | 310.52          | -72.24     | -13.00      | -59.24      | 1.50 H             | 303                  | 30.26            | -102.50                  |
| 6                                                    | 486.22          | -68.53     | -13.00      | -55.53      | 1.50 H             | 98                   | 29.87            | -98.40                   |

**Remarks:**

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

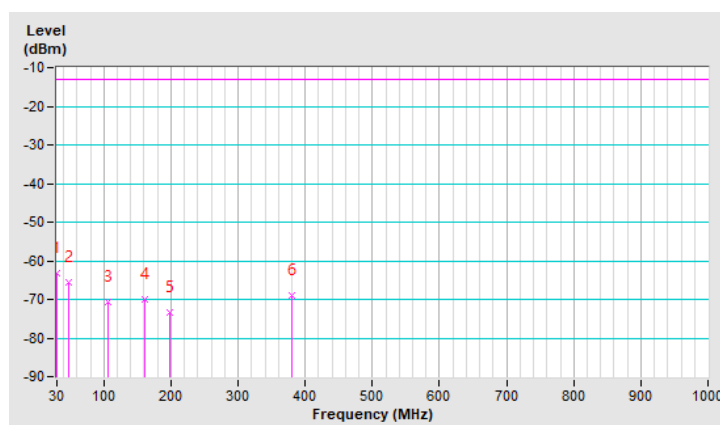


|                |                      |                 |                |
|----------------|----------------------|-----------------|----------------|
| Test Frequency | Ch 126900 (634.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|----------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 30.87           | -63.17     | -13.00      | -50.17      | 1.00 V             | 89                   | 41.51            | -104.68                  |
| 2                                                  | 48.40           | -65.71     | -13.00      | -52.71      | 1.00 V             | 152                  | 37.71            | -103.42                  |
| 3                                                  | 106.91          | -70.80     | -13.00      | -57.80      | 1.50 V             | 349                  | 35.83            | -106.63                  |
| 4                                                  | 161.01          | -70.12     | -13.00      | -57.12      | 1.00 V             | 83                   | 33.49            | -103.61                  |
| 5                                                  | 198.13          | -73.32     | -13.00      | -60.32      | 1.00 V             | 211                  | 33.11            | -106.43                  |
| 6                                                  | 379.67          | -68.86     | -13.00      | -55.86      | 1.00 V             | 322                  | 32.32            | -101.18                  |

**Remarks:**

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

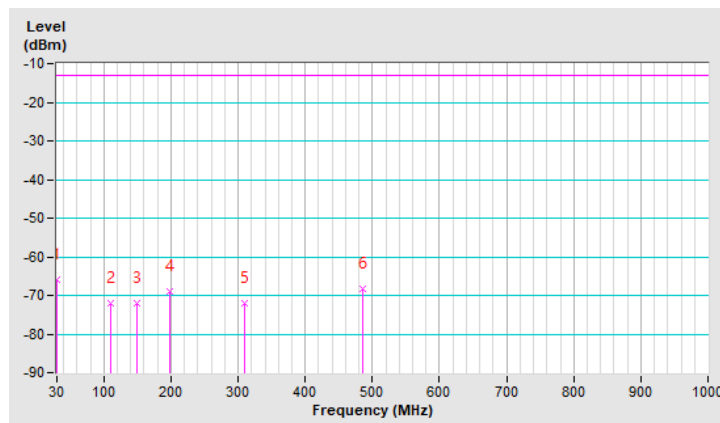


|                |                     |                 |                |
|----------------|---------------------|-----------------|----------------|
| Test Frequency | Ch 129900 (642 MHz) | Frequency Range | Below 1000 MHz |
|----------------|---------------------|-----------------|----------------|

| 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) | Correction Factor (dB/m) |
| 1                                                    | 30.74           | -65.98     | -13.00      | -52.98      | 2.00 H             | 77                   | 38.66            | -104.64                  |
| 2                                                    | 109.66          | -72.07     | -13.00      | -59.07      | 1.50 H             | 35                   | 34.22            | -106.29                  |
| 3                                                    | 149.46          | -71.99     | -13.00      | -58.99      | 2.00 H             | 267                  | 31.33            | -103.32                  |
| 4                                                    | 197.45          | -69.01     | -13.00      | -56.01      | 1.50 H             | 132                  | 37.40            | -106.41                  |
| 5                                                    | 310.62          | -72.18     | -13.00      | -59.18      | 1.50 H             | 296                  | 30.31            | -102.49                  |
| 6                                                    | 486.32          | -68.45     | -13.00      | -55.45      | 1.50 H             | 111                  | 29.95            | -98.40                   |

**Remarks:**

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

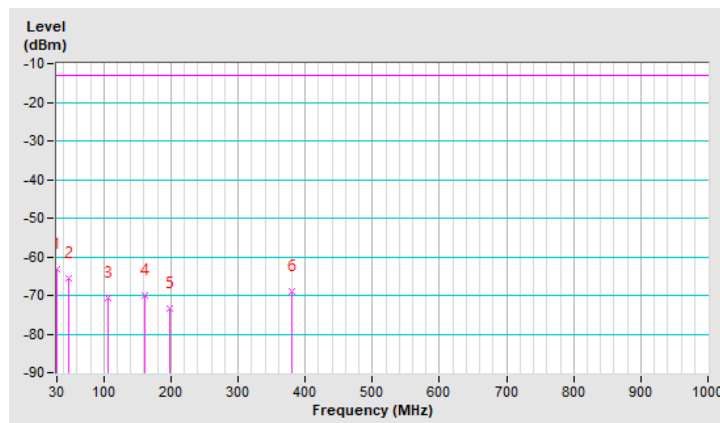


|                |                     |                 |                |
|----------------|---------------------|-----------------|----------------|
| Test Frequency | Ch 129900 (642 MHz) | Frequency Range | Below 1000 MHz |
|----------------|---------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 30.92           | -63.23     | -13.00      | -50.23      | 1.00 V             | 133                  | 41.47            | -104.70                  |
| 2                                                  | 48.46           | -65.67     | -13.00      | -52.67      | 1.00 V             | 123                  | 37.76            | -103.43                  |
| 3                                                  | 106.97          | -70.74     | -13.00      | -57.74      | 1.50 V             | 357                  | 35.88            | -106.62                  |
| 4                                                  | 161.07          | -70.04     | -13.00      | -57.04      | 1.00 V             | 75                   | 33.57            | -103.61                  |
| 5                                                  | 198.18          | -73.26     | -13.00      | -60.26      | 1.00 V             | 206                  | 33.17            | -106.43                  |
| 6                                                  | 379.74          | -68.82     | -13.00      | -55.82      | 1.00 V             | 298                  | 32.36            | -101.18                  |

**Remarks:**

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



## CA Contiguous

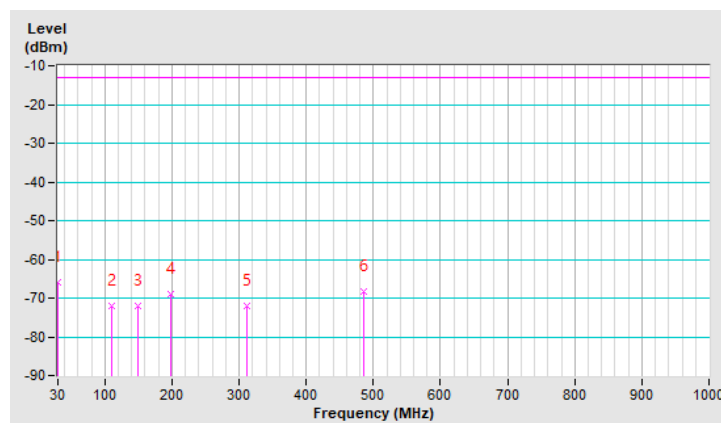
### 15MHz+20MHz

|                |                                               |                 |                |
|----------------|-----------------------------------------------|-----------------|----------------|
| Test Frequency | Ch 124900 (624.5MHz)+<br>Ch 128400 (642.0MHz) | 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) | Correction Factor (dB/m) |
| 1                                                    | 30.81           | -65.89     | -13.00      | -52.89      | 2.00 H             | 92                   | 38.77            | -104.66                  |
| 2                                                    | 109.73          | -71.99     | -13.00      | -58.99      | 1.50 H             | 51                   | 34.30            | -106.29                  |
| 3                                                    | 149.54          | -71.92     | -13.00      | -58.92      | 2.00 H             | 242                  | 31.39            | -103.31                  |
| 4                                                    | 197.52          | -68.93     | -13.00      | -55.93      | 1.50 H             | 163                  | 37.48            | -106.41                  |
| 5                                                    | 310.71          | -72.11     | -13.00      | -59.11      | 1.50 H             | 342                  | 30.38            | -102.49                  |
| 6                                                    | 486.41          | -68.38     | -13.00      | -55.38      | 1.50 H             | 125                  | 30.02            | -98.40                   |

#### Remarks:

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

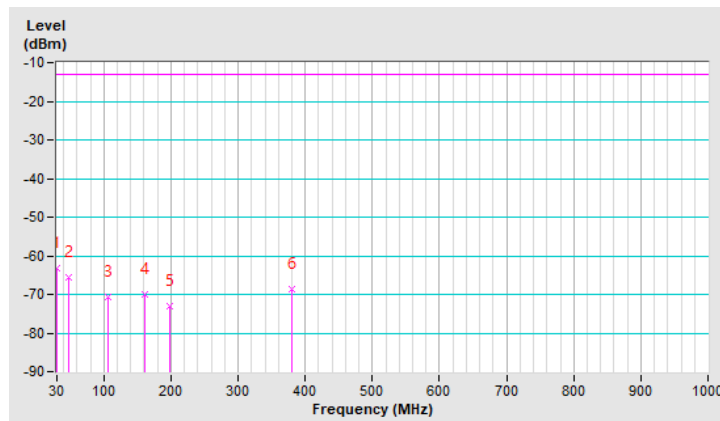


|                |                                               |                 |                |
|----------------|-----------------------------------------------|-----------------|----------------|
| Test Frequency | Ch 124900 (624.5MHz)+<br>Ch 128400 (642.0MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------------------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 30.84           | -63.17     | -13.00      | -50.17      | 1.00 V             | 142                  | 41.50            | -104.67                  |
| 2                                                  | 48.52           | -65.61     | -13.00      | -52.61      | 1.00 V             | 134                  | 37.83            | -103.44                  |
| 3                                                  | 107.01          | -70.68     | -13.00      | -57.68      | 1.50 V             | 320                  | 35.93            | -106.61                  |
| 4                                                  | 161.11          | -69.99     | -13.00      | -56.99      | 1.00 V             | 29                   | 33.63            | -103.62                  |
| 5                                                  | 198.24          | -73.19     | -13.00      | -60.19      | 1.00 V             | 228                  | 33.24            | -106.43                  |
| 6                                                  | 379.79          | -68.77     | -13.00      | -55.77      | 1.00 V             | 306                  | 32.41            | -101.18                  |

**Remarks:**

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



## CA-NC Non-Contiguous

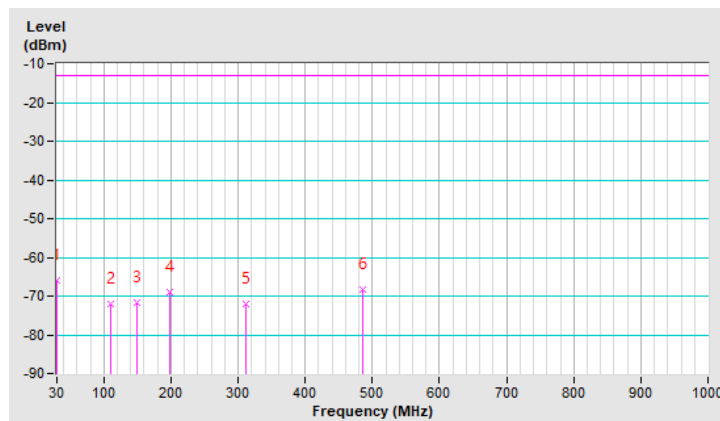
### 5MHz+5MHz

|                |                                               |                 |                |
|----------------|-----------------------------------------------|-----------------|----------------|
| Test Frequency | Ch 123900 (619.5MHz)+<br>Ch 129900 (649.5MHz) | 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) | Correction Factor (dB/m) |
| 1                                                    | 30.73           | -65.95     | -13.00      | -52.95      | 2.00 H             | 76                   | 38.68            | -104.63                  |
| 2                                                    | 109.79          | -71.91     | -13.00      | -58.91      | 1.50 H             | 43                   | 34.37            | -106.28                  |
| 3                                                    | 149.62          | -71.86     | -13.00      | -58.86      | 2.00 H             | 253                  | 31.44            | -103.30                  |
| 4                                                    | 197.59          | -68.87     | -13.00      | -55.87      | 1.50 H             | 152                  | 37.54            | -106.41                  |
| 5                                                    | 310.82          | -72.03     | -13.00      | -59.03      | 1.50 H             | 323                  | 30.45            | -102.48                  |
| 6                                                    | 486.49          | -68.30     | -13.00      | -55.30      | 1.50 H             | 139                  | 30.09            | -98.39                   |

#### Remarks:

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

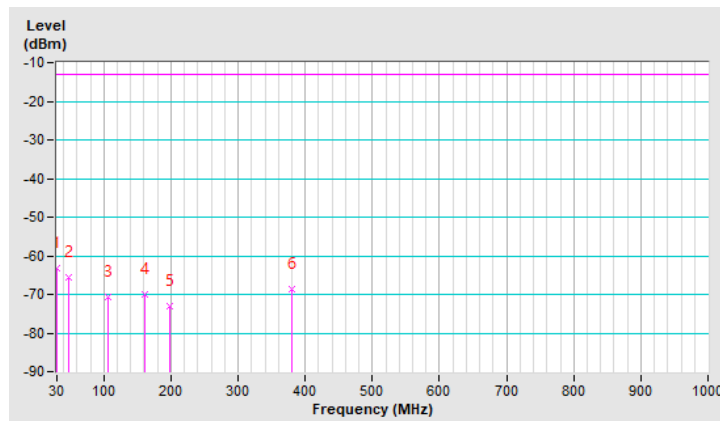


|                |                                               |                 |                |
|----------------|-----------------------------------------------|-----------------|----------------|
| Test Frequency | Ch 123900 (619.5MHz)+<br>Ch 129900 (649.5MHz) | Frequency Range | Below 1000 MHz |
|----------------|-----------------------------------------------|-----------------|----------------|

| Antenna Polarity & Test Distance : Vertical at 3 m |                 |            |             |             |                    |                      |                  |                          |
|----------------------------------------------------|-----------------|------------|-------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No                                                 | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                  | 30.77           | -63.11     | -13.00      | -50.11      | 1.00 V             | 157                  | 41.54            | -104.65                  |
| 2                                                  | 48.45           | -65.55     | -13.00      | -52.55      | 1.00 V             | 126                  | 37.88            | -103.43                  |
| 3                                                  | 106.96          | -70.63     | -13.00      | -57.63      | 1.50 V             | 296                  | 35.99            | -106.62                  |
| 4                                                  | 161.04          | -69.92     | -13.00      | -56.92      | 1.00 V             | 31                   | 33.69            | -103.61                  |
| 5                                                  | 198.20          | -73.14     | -13.00      | -60.14      | 1.00 V             | 245                  | 33.29            | -106.43                  |
| 6                                                  | 379.73          | -68.72     | -13.00      | -55.72      | 1.00 V             | 334                  | 32.46            | -101.18                  |

**Remarks:**

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



Above 1GHz  
**Single Carrier**  
**5MHz**

|                |                      |                 |                |
|----------------|----------------------|-----------------|----------------|
| Test Frequency | Ch 123900 (619.5MHz) | Frequency Range | 1 GHz ~ 10 GHz |
|----------------|----------------------|-----------------|----------------|

| 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) | Correction Factor (dB/m) |
| 1                                                    | 1239.00         | -64.92        | -13.00        | -51.92        | 2.00 H             | 124                  | 34.70            | -99.62                   |
| 2                                                    | 1548.75         | <b>-60.81</b> | <b>-13.00</b> | <b>-47.81</b> | <b>1.50 H</b>      | <b>257</b>           | <b>38.51</b>     | <b>-99.32</b>            |
| 3                                                    | 1858.50         | -62.58        | -13.00        | -49.58        | 1.50 H             | 267                  | 36.11            | -98.69                   |
| 4                                                    | 2168.25         | -63.93        | -13.00        | -50.93        | 1.50 H             | 227                  | 31.93            | -95.86                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |               |               |               |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm)    | Limit (dBm)   | Margin (dB)   | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1239.00         | -63.18        | -13.00        | -50.18        | 1.50 V             | 102                  | 36.44            | -99.62                   |
| 2                                                    | 1548.75         | -63.46        | -13.00        | -50.46        | 1.50 V             | 224                  | 35.86            | -99.32                   |
| 3                                                    | 1858.50         | -63.65        | -13.00        | -50.65        | 1.50 V             | 264                  | 35.04            | -98.69                   |
| 4                                                    | 2168.25         | -62.88        | -13.00        | -49.88        | 1.50 V             | 47                   | 32.98            | -95.86                   |

**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 126900 (634.5MHz) | Frequency Range | 1 GHz ~ 10 GHz |
|----------------|----------------------|-----------------|----------------|

| 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) | Correction Factor (dB/m) |
| 1                                                    | 1269.00         | -62.88     | -13.00      | -49.88      | 1.50 H             | 247                  | 36.54            | -99.42                   |
| 2                                                    | 1586.25         | -63.32     | -13.00      | -50.32      | 2.00 H             | 316                  | 36.06            | -99.38                   |
| 3                                                    | 1903.50         | -63.81     | -13.00      | -50.81      | 1.50 H             | 274                  | 34.51            | -98.32                   |
| 4                                                    | 2220.75         | -64.01     | -13.00      | -51.01      | 1.50 H             | 89                   | 31.53            | -95.54                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1269.00         | -64.35     | -13.00      | -51.35      | 1.50 V             | 12                   | 35.07            | -99.42                   |
| 2                                                    | 1586.25         | -64.16     | -13.00      | -51.16      | 1.50 V             | 257                  | 35.22            | -99.38                   |
| 3                                                    | 1903.50         | -61.89     | -13.00      | -48.89      | 1.50 V             | 296                  | 36.43            | -98.32                   |
| 4                                                    | 2220.75         | -62.88     | -13.00      | -49.88      | 1.50 V             | 78                   | 32.66            | -95.54                   |

**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 129900 (649.5MHz) | Frequency Range | 1 GHz ~ 10 GHz |
|----------------|----------------------|-----------------|----------------|

| 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) | Correction Factor (dB/m) |
| 1                                                    | 1299.00         | -63.77     | -13.00      | -50.77      | 1.50 H             | 266                  | 35.56            | -99.33                   |
| 2                                                    | 1623.75         | -62.85     | -13.00      | -49.85      | 1.50 H             | 338                  | 36.50            | -99.35                   |
| 3                                                    | 1948.50         | -62.84     | -13.00      | -49.84      | 1.50 H             | 201                  | 35.41            | -98.25                   |
| 4                                                    | 2273.25         | -63.72     | -13.00      | -50.72      | 2.00 H             | 47                   | 31.98            | -95.70                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1299.00         | -62.54     | -13.00      | -49.54      | 1.50 V             | 129                  | 36.79            | -99.33                   |
| 2                                                    | 1623.75         | -62.29     | -13.00      | -49.29      | 1.50 V             | 99                   | 37.06            | -99.35                   |
| 3                                                    | 1948.50         | -62.75     | -13.00      | -49.75      | 1.50 V             | 263                  | 35.50            | -98.25                   |
| 4                                                    | 2273.25         | -63.75     | -13.00      | -50.75      | 1.50 V             | 313                  | 31.95            | -95.70                   |

**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 125400 (627MHz) | Frequency Range | 1 GHz ~ 10 GHz |
|----------------|--------------------|-----------------|----------------|

| 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) | Correction Factor (dB/m) |
| 1                                                    | 1254.00         | -64.39     | -13.00      | -51.39      | 1.50 H             | 114                  | 35.07            | -99.46                   |
| 2                                                    | 1567.50         | -61.35     | -13.00      | -48.35      | 1.50 H             | 79                   | 38.00            | -99.35                   |
| 3                                                    | 1881.00         | -63.51     | -13.00      | -50.51      | 1.50 H             | 246                  | 34.97            | -98.48                   |
| 4                                                    | 2194.50         | -63.87     | -13.00      | -50.87      | 2.00 H             | 49                   | 31.76            | -95.63                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1254.00         | -62.62     | -13.00      | -49.62      | 1.50 V             | 133                  | 36.84            | -99.46                   |
| 2                                                    | 1567.50         | -63.40     | -13.00      | -50.40      | 1.50 V             | 282                  | 35.95            | -99.35                   |
| 3                                                    | 1881.00         | -64.06     | -13.00      | -51.06      | 1.50 V             | 79                   | 34.42            | -98.48                   |
| 4                                                    | 2194.50         | -62.87     | -13.00      | -49.87      | 1.50 V             | 296                  | 32.76            | -95.63                   |

### 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 126900 (634.5MHz) | Frequency Range | 1 GHz ~ 10 GHz |
|----------------|----------------------|-----------------|----------------|

| 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) | Correction Factor (dB/m) |
| 1                                                    | 1269.00         | -64.61     | -13.00      | -51.61      | 1.50 H             | 77                   | 34.81            | -99.42                   |
| 2                                                    | 1586.25         | -61.76     | -13.00      | -48.76      | 1.50 H             | 68                   | 37.62            | -99.38                   |
| 3                                                    | 1903.50         | -62.73     | -13.00      | -49.73      | 1.50 H             | 35                   | 35.59            | -98.32                   |
| 4                                                    | 2220.75         | -63.62     | -13.00      | -50.62      | 2.00 H             | 114                  | 31.92            | -95.54                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1269.00         | -63.22     | -13.00      | -50.22      | 1.50 V             | 189                  | 36.20            | -99.42                   |
| 2                                                    | 1586.25         | -63.34     | -13.00      | -50.34      | 1.50 V             | 144                  | 36.04            | -99.38                   |
| 3                                                    | 1903.50         | -63.27     | -13.00      | -50.27      | 1.50 V             | 61                   | 35.05            | -98.32                   |
| 4                                                    | 2220.75         | -62.24     | -13.00      | -49.24      | 1.50 V             | 201                  | 33.30            | -95.54                   |

**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 129900 (642 MHz) | Frequency Range | 1 GHz ~ 10 GHz |
|----------------|---------------------|-----------------|----------------|

| 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) | Correction Factor (dB/m) |
| 1                                                    | 1284.00         | -64.87        | -13.00        | -51.87        | 1.50 H             | 233                  | 34.51            | -99.38                   |
| 2                                                    | <b>1605.00</b>  | <b>-61.13</b> | <b>-13.00</b> | <b>-48.13</b> | <b>1.50 H</b>      | <b>335</b>           | <b>38.26</b>     | <b>-99.39</b>            |
| 3                                                    | 1926.00         | -62.92        | -13.00        | -49.92        | 2.00 H             | 297                  | 35.36            | -98.28                   |
| 4                                                    | 2247.00         | -64.29        | -13.00        | -51.29        | 1.50 H             | 68                   | 31.19            | -95.48                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |               |               |               |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm)    | Limit (dBm)   | Margin (dB)   | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1284.00         | -64.12        | -13.00        | -51.12        | 1.50 V             | 13                   | 35.26            | -99.38                   |
| 2                                                    | 1605.00         | -63.27        | -13.00        | -50.27        | 1.50 V             | 187                  | 36.12            | -99.39                   |
| 3                                                    | 1926.00         | -63.05        | -13.00        | -50.05        | 1.50 V             | 264                  | 35.23            | -98.28                   |
| 4                                                    | 2247.00         | -62.14        | -13.00        | -49.14        | 1.50 V             | 142                  | 33.34            | -95.48                   |

**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

### 15MHz+20MHz

|                |                                               |                 |                |
|----------------|-----------------------------------------------|-----------------|----------------|
| Test Frequency | Ch 124900 (624.5MHz)+<br>Ch 128400 (642.0MHz) | Frequency Range | 1 GHz ~ 10 GHz |
|----------------|-----------------------------------------------|-----------------|----------------|

| 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) | Correction Factor (dB/m) |
| 1                                                    | 1266.50         | -64.62     | -13.00      | -51.62      | 1.50 H             | 277                  | 34.81            | -99.43                   |
| 2                                                    | 1583.12         | -61.67     | -13.00      | -48.67      | 2.00 H             | 69                   | 37.71            | -99.38                   |
| 3                                                    | 1899.75         | -63.05     | -13.00      | -50.05      | 1.50 H             | 293                  | 35.27            | -98.32                   |
| 4                                                    | 2216.37         | -63.75     | -13.00      | -50.75      | 1.50 H             | 42                   | 31.79            | -95.54                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1266.50         | -62.75     | -13.00      | -49.75      | 1.50 V             | 157                  | 36.68            | -99.43                   |
| 2                                                    | 1583.12         | -63.38     | -13.00      | -50.38      | 1.50 V             | 223                  | 36.00            | -99.38                   |
| 3                                                    | 1899.75         | -63.37     | -13.00      | -50.37      | 1.50 V             | 59                   | 34.95            | -98.32                   |
| 4                                                    | 2216.37         | -62.83     | -13.00      | -49.83      | 1.50 V             | 77                   | 32.71            | -95.54                   |

#### Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

## CA-NC Non-Contiguous

### 5MHz+5MHz

|                |                                               |                 |                |
|----------------|-----------------------------------------------|-----------------|----------------|
| Test Frequency | Ch 123900 (619.5MHz)+<br>Ch 129900 (649.5MHz) | Frequency Range | 1 GHz ~ 10 GHz |
|----------------|-----------------------------------------------|-----------------|----------------|

| 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) | Correction Factor (dB/m) |
| 1                                                    | 1269.00         | -64.02     | -13.00      | -51.02      | 1.50 H             | 121                  | 35.40            | -99.42                   |
| 2                                                    | 1586.25         | -61.88     | -13.00      | -48.88      | 2.00 H             | 68                   | 37.50            | -99.38                   |
| 3                                                    | 1903.50         | -62.57     | -13.00      | -49.57      | 1.50 H             | 306                  | 35.75            | -98.32                   |
| 4                                                    | 2220.75         | -63.44     | -13.00      | -50.44      | 1.50 H             | 73                   | 32.10            | -95.54                   |
| Antenna Polarity & Test Distance : Vertical at 3 m   |                 |            |             |             |                    |                      |                  |                          |
| No                                                   | Frequency (MHz) | EIRP (dBm) | Limit (dBm) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1                                                    | 1269.00         | -62.41     | -13.00      | -49.41      | 1.50 V             | 104                  | 37.01            | -99.42                   |
| 2                                                    | 1586.25         | -63.21     | -13.00      | -50.21      | 1.50 V             | 68                   | 36.17            | -99.38                   |
| 3                                                    | 1903.50         | -62.91     | -13.00      | -49.91      | 1.50 V             | 277                  | 35.41            | -98.32                   |
| 4                                                    | 2220.75         | -62.34     | -13.00      | -49.34      | 1.50 V             | 344                  | 33.20            | -95.54                   |

#### Remarks:

1.  $EIRP(dBm) = Raw\ Value(dBuV) + Correction\ Factor(dB/m)$
2.  $Correction\ Factor(dB/m) = Antenna\ Factor(dB/m) + Cable\ Factor(dB) - Pre-Amplifier\ Factor(dB) + 20\log(D) - 104.8$
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

## 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:

**Linkou EMC/RF Lab**

Tel: 886-2-26052180

Fax: 886-2-26051924

**Hsin Chu EMC/RF/Telecom Lab**

Tel: 886-3-6668565

Fax: 886-3-6668323

**Hwa Ya EMC/RF/Safety Lab**

Tel: 886-3-3183232

Fax: 886-3-3270892

**Email:** [service.adt@tw.bureauveritas.com](mailto:service.adt@tw.bureauveritas.com)

**Web Site:** [www.bureauveritas-adt.com](http://www.bureauveritas-adt.com)

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

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