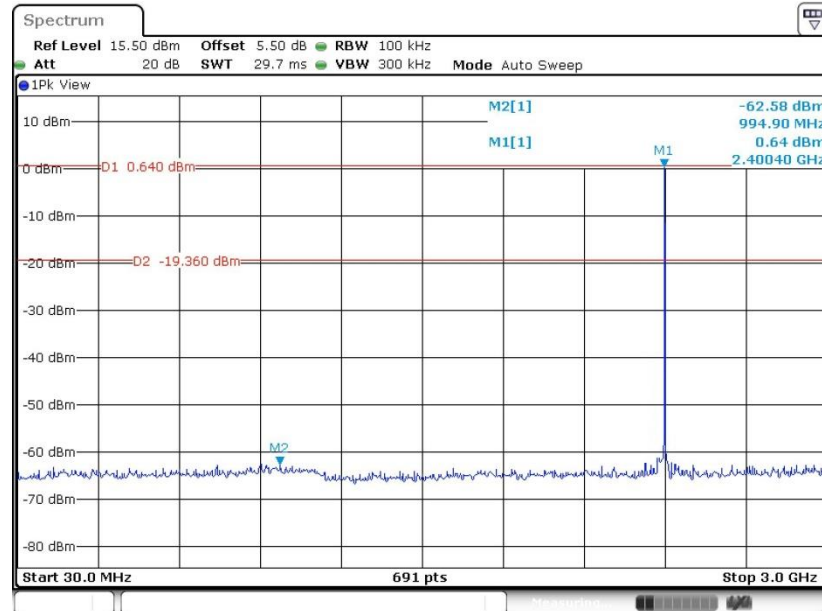




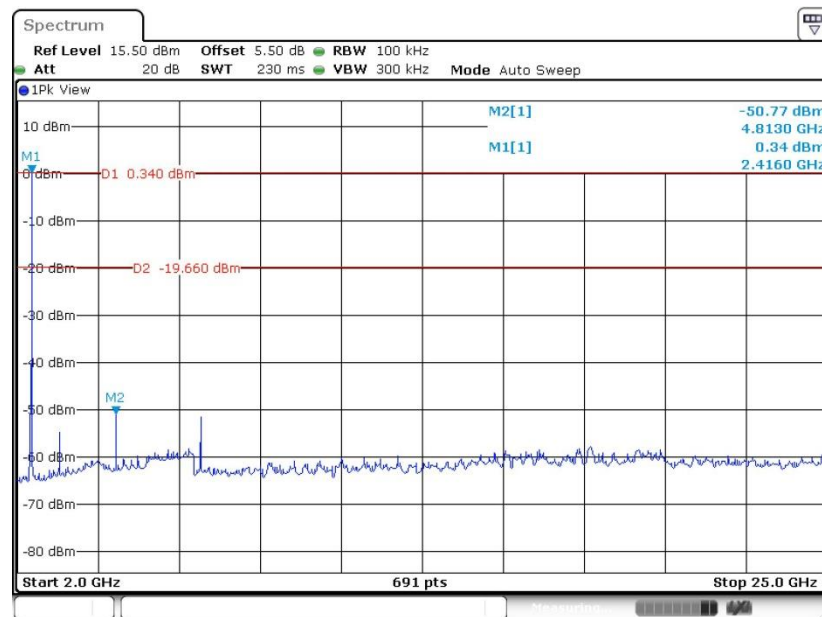
<2Mbps>

CSE Plot on Ch 00 between 30MHz ~ 3 GHz



Date: 17.SEP.2019 10:43:57

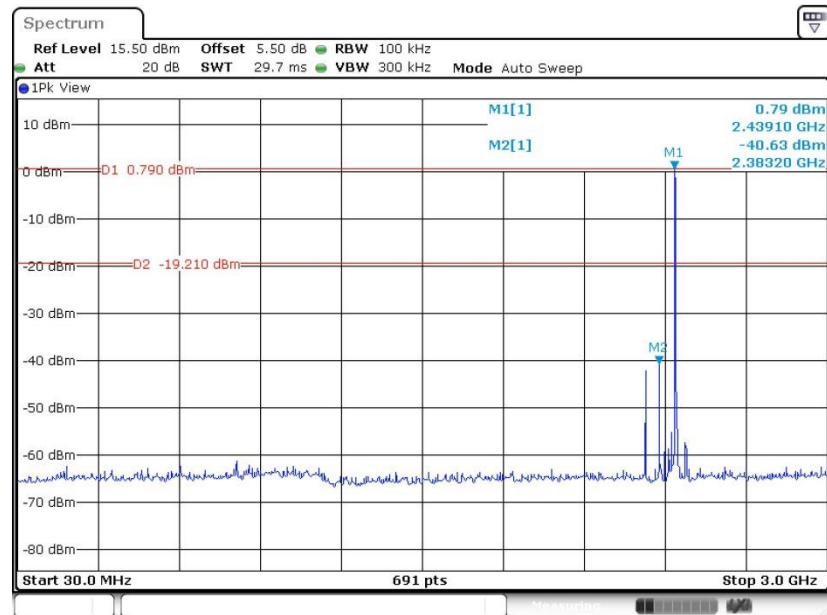
CSE Plot on Ch 00 between 2 GHz ~ 25 GHz



Date: 17.SEP.2019 10:44:25

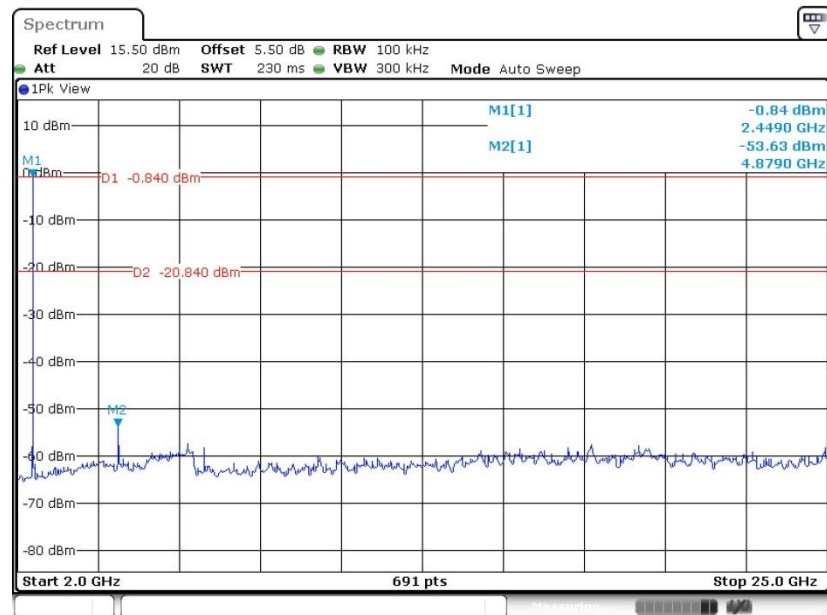


CSE Plot on Ch 39 between 30MHz ~ 3 GHz



Date: 17.SEP.2019 10:48:52

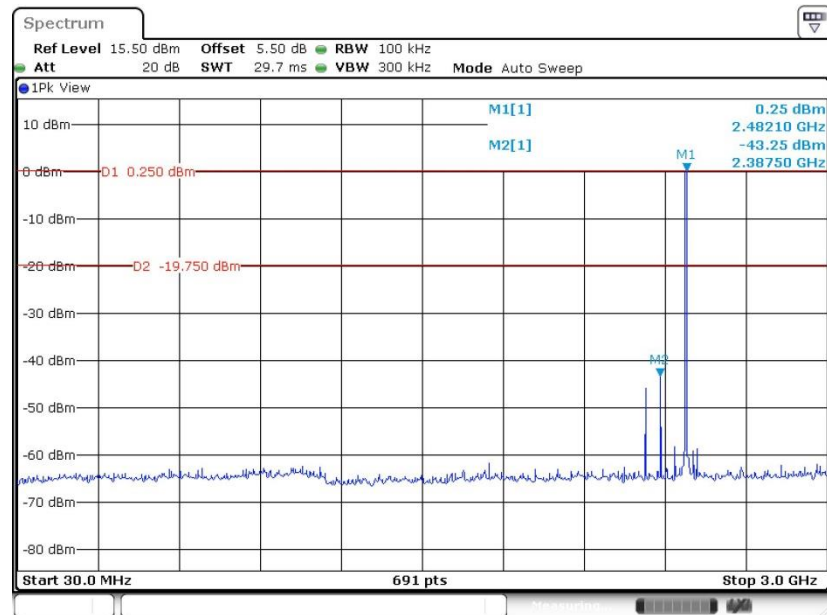
CSE Plot on Ch 39 between 2 GHz ~ 25 GHz



Date: 17.SEP.2019 10:49:26

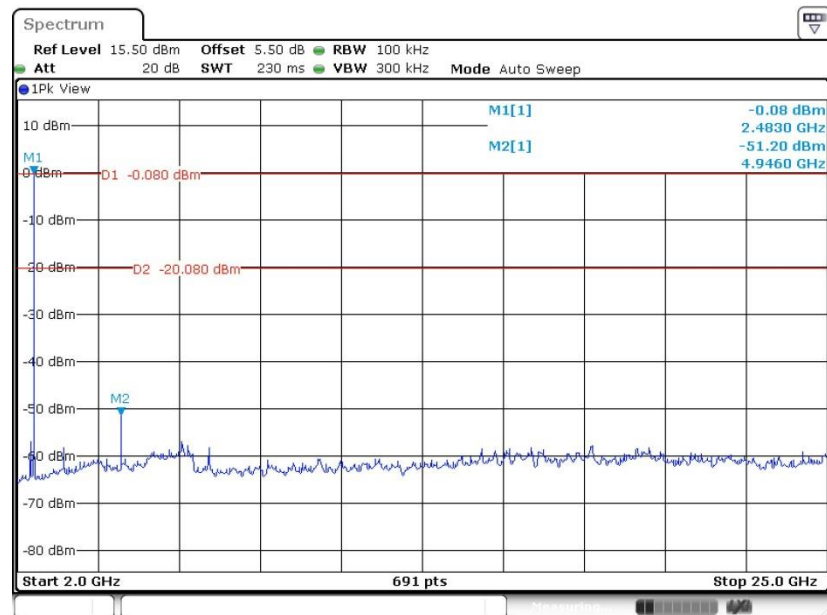


CSE Plot on Ch 78 between 30MHz ~ 3 GHz



Date: 17.SEP.2019 11:04:16

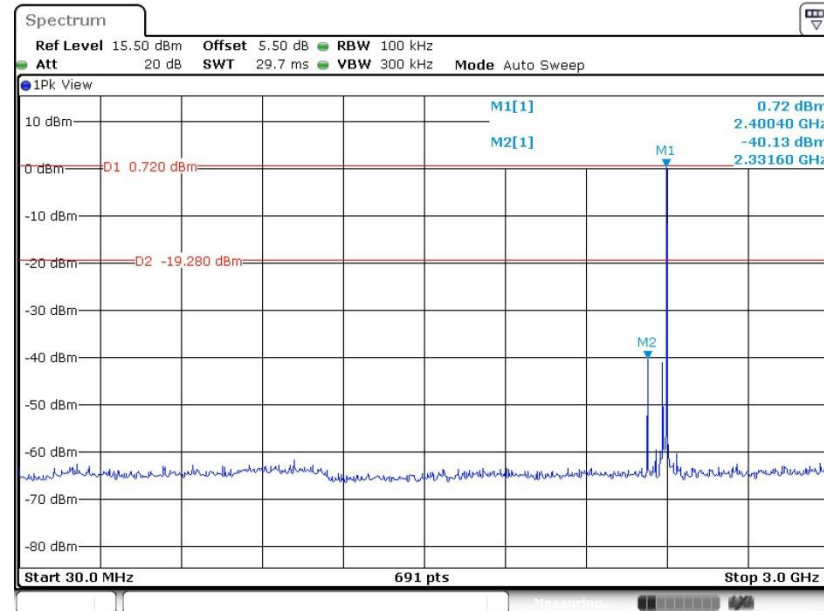
CSE Plot on Ch 78 between 2 GHz ~ 25 GHz



Date: 17.SEP.2019 11:04:59

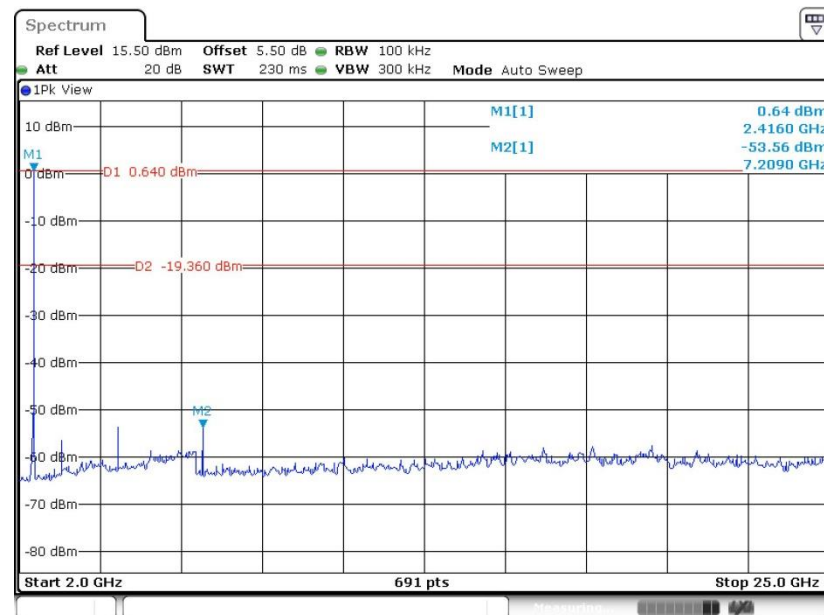
**<3Mbps>**

### CSE Plot on Ch 00 between 30MHz ~ 3 GHz



Date: 17.SEP.2019 11:14:43

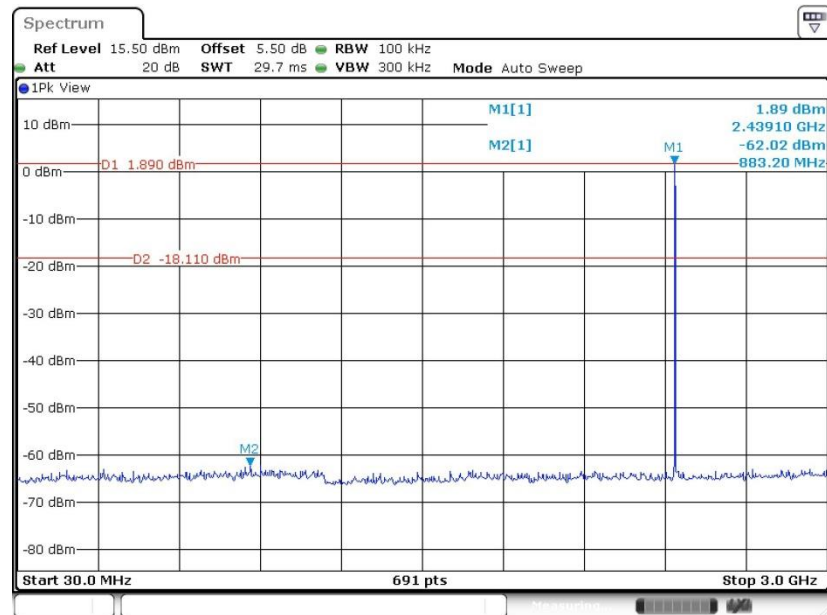
### CSE Plot on Ch 00 between 2 GHz ~ 25 GHz



Date: 17.SEP.2019 11:15:11

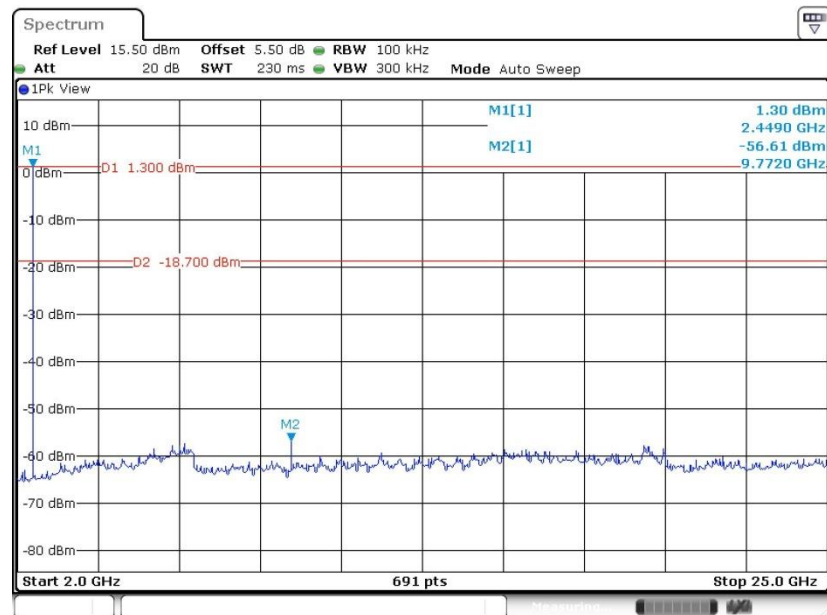


CSE Plot on Ch 39 between 30MHz ~ 3 GHz



Date: 28.APR.2019 22:28:34

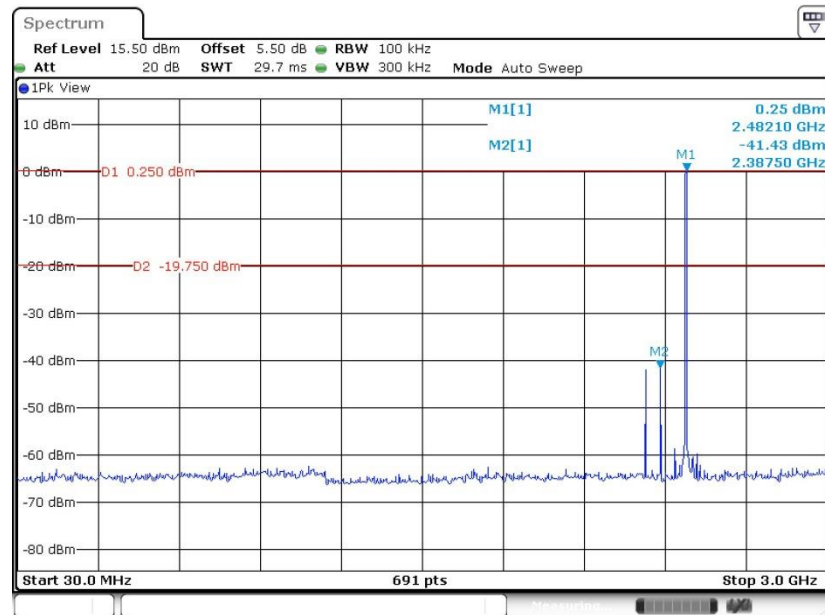
CSE Plot on Ch 39 between 2 GHz ~ 25 GHz



Date: 28.APR.2019 22:29:05

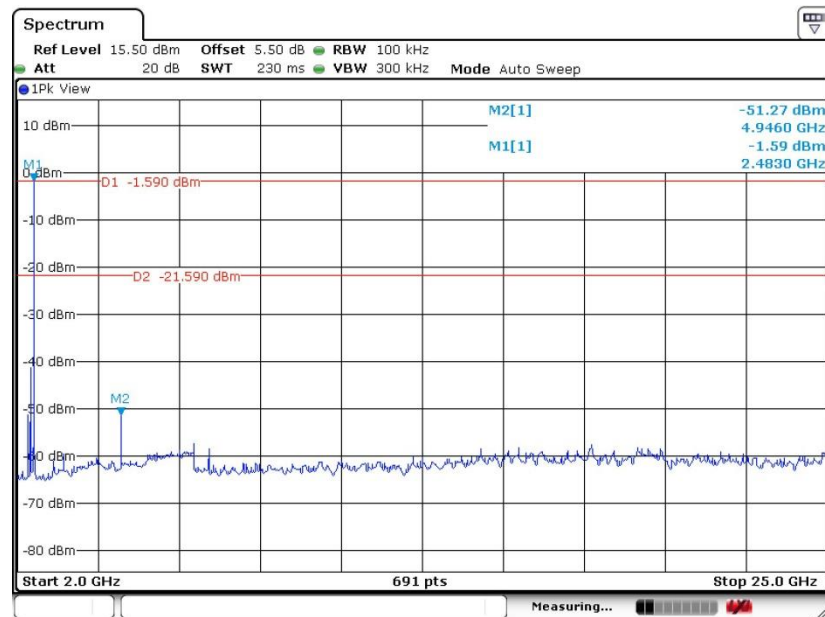


CSE Plot on Ch 78 between 30MHz ~ 3 GHz



Date: 17.SEP.2019 11:30:49

CSE Plot on Ch 78 between 2 GHz ~ 25 GHz



Date: 17.SEP.2019 11:31:49

### 3.8 Radiated Band Edges and Spurious Emission Measurement

#### 3.8.1 Limit of Radiated Band Edges and Spurious Emission

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. In addition, radiated emissions which fall in the restricted bands must also comply with the limits as below.

| Frequency<br>(MHz) | Field Strength<br>(microvolts/meter) | Measurement Distance<br>(meters) |
|--------------------|--------------------------------------|----------------------------------|
| 0.009 – 0.490      | 2400/F(kHz)                          | 300                              |
| 0.490 – 1.705      | 24000/F(kHz)                         | 30                               |
| 1.705 – 30.0       | 30                                   | 30                               |
| 30 – 88            | 100                                  | 3                                |
| 88 – 216           | 150                                  | 3                                |
| 216 - 960          | 200                                  | 3                                |
| Above 960          | 500                                  | 3                                |

#### 3.8.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

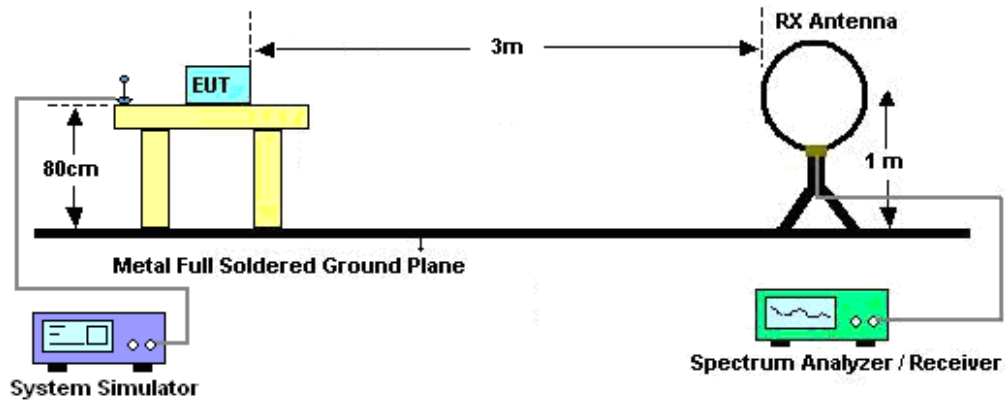
### 3.8.3 Test Procedures

1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
3. For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines.
4. Set to the maximum power setting and enable the EUT transmit continuously.
5. Use the following spectrum analyzer settings:
  - (1) Span shall wide enough to fully capture the emission being measured;
  - (2) Set RBW=100 kHz for  $f < 1$  GHz, RBW=1MHz for  $f > 1$ GHz ; VBW  $\geq$  RBW; Sweep = auto; Detector function = peak; Trace = max hold for peak
  - (3) For average measurement: use duty cycle correction factor method per 15.35(c).  
Duty cycle = On time/100 milliseconds  
$$\text{On time} = N_1 * L_1 + N_2 * L_2 + \dots + N_{n-1} * L_{n-1} + N_n * L_n$$
  
Where  $N_1$  is number of type 1 pulses,  $L_1$  is length of type 1 pulses, etc.  
Average Emission Level = Peak Emission Level +  $20 * \log(\text{Duty cycle})$
6. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
7. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
8. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

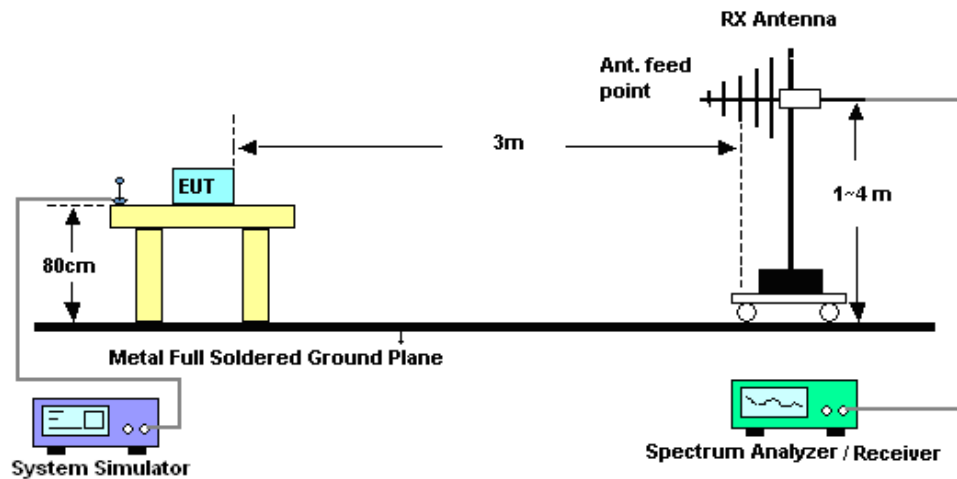
Note: The average levels were calculated from the peak level corrected with duty cycle correction factor (-26.11dB) derived from  $20 \log(\text{dwell time}/100\text{ms})$ . This correction is only for signals that hop with the fundamental signal, such as band-edge and harmonic. Other spurious signals that are independent of the hopping signal would not use this correction.

### 3.8.4 Test Setup

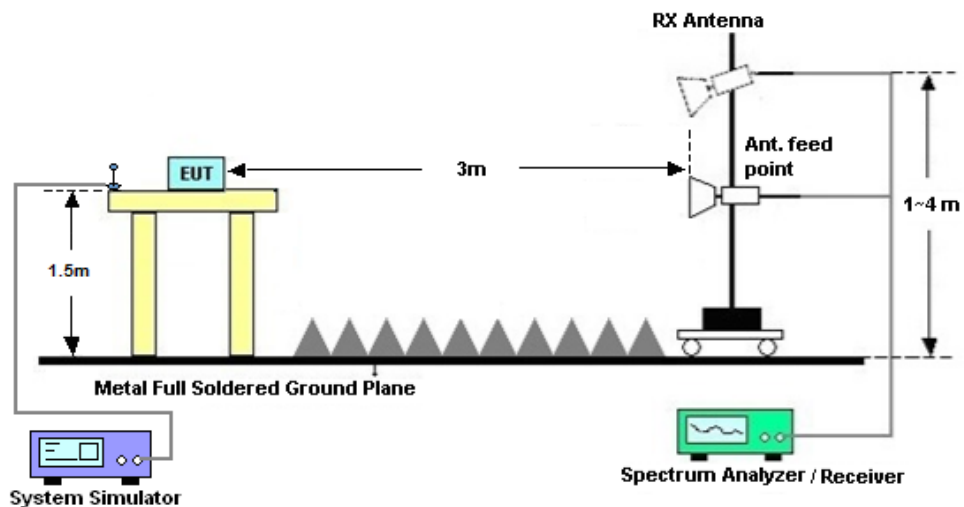
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz





### **3.8.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)**

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

### **3.8.6 Test Result of Radiated Spurious at Band Edges**

Please refer to Appendix C and Appendix D.

### **3.8.7 Test Result of Radiated Spurious Emission (30MHz ~ 10<sup>th</sup> Harmonic)**

Please refer to Appendix C and Appendix D.

### **3.8.8 Duty cycle correction factor for average measurement**

Please refer to Appendix E.

## 3.9 AC Conducted Emission Measurement

### 3.9.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

| Frequency of emission (MHz) | Conducted limit (dBμV) |           |
|-----------------------------|------------------------|-----------|
|                             | Quasi-peak             | Average   |
| 0.15-0.5                    | 66 to 56*              | 56 to 46* |
| 0.5-5                       | 56                     | 46        |
| 5-30                        | 60                     | 50        |

\*Decreases with the logarithm of the frequency.

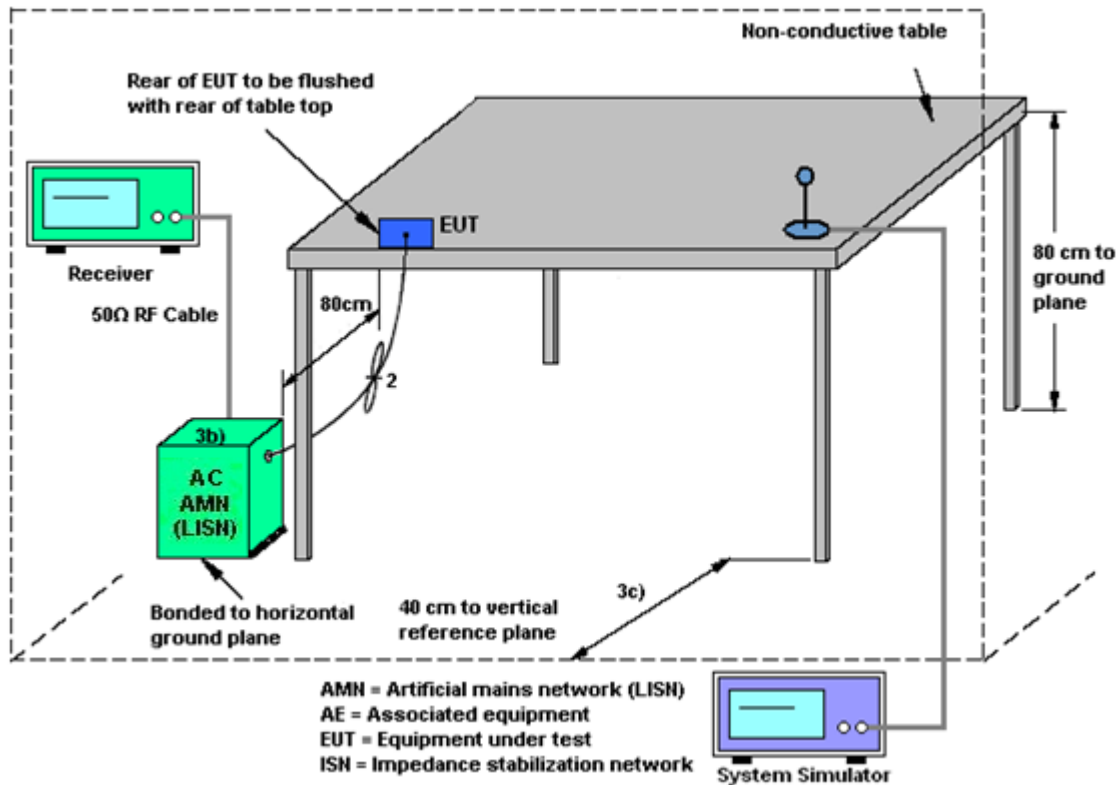
### 3.9.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

### 3.9.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

### 3.9.4 Test Setup



### 3.9.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



## **3.10 Antenna Requirements**

### **3.10.1 Standard Applicable**

If directional gain of transmitting antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

### **3.10.2 Antenna Anti-Replacement Construction**

An embedded-in antenna design is used.

### **3.10.3 Antenna Gain**

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.



## 4 List of Measuring Equipment

| Instrument                        | Manufacturer | Model No.                  | Serial No.   | Characteristics         | Calibration Date | Test Date                       | Due Date      | Remark                |
|-----------------------------------|--------------|----------------------------|--------------|-------------------------|------------------|---------------------------------|---------------|-----------------------|
| Spectrum Analyzer                 | R&S          | FSV30                      | 101338       | 10Hz~30GHz              | Apr. 16, 2019    | Aug. 28, 2019~<br>Sep. 17, 2019 | Apr. 15, 2020 | Conducted (TH01-KS)   |
| Pulse Power Sensor                | Anritsu      | MA2411B                    | 0917070      | 300MHz~40GHz            | Jan. 14, 2019    | Aug. 28, 2019~<br>Sep. 17, 2019 | Jan. 13, 2020 | Conducted (TH01-KS)   |
| Power Meter                       | Anritsu      | ML2495A                    | 1005002      | 50MHz Bandwidth         | Jan. 14, 2019    | Aug. 28, 2019~<br>Sep. 17, 2019 | Jan. 13, 2020 | Conducted (TH01-KS)   |
| EMI Test Receiver                 | Keysight     | N9038A                     | MY57290151   | 3Hz~8.5GHz; Max 30dBm   | Jul. 18, 2019    | Sep. 29, 2019                   | Jul. 17, 2020 | Radiation (03CH05-KS) |
| EXA Spectrum Analyzer             | Keysight     | N9010A                     | MY55150244   | 10Hz~44GHz, MAX 30dB    | Apr. 16, 2019    | Sep. 29, 2019                   | Apr. 15, 2020 | Radiation (03CH05-KS) |
| Loop Antenna                      | R&S          | HFH2-Z2                    | 100321       | 9kHz~30MHz              | Oct. 19, 2018    | Sep. 29, 2019                   | Oct. 18, 2019 | Radiation (03CH05-KS) |
| Bilog Antenna                     | TeseQ        | CBL6111D                   | 44483        | 30MHz~1GHz              | Dec. 28, 2018    | Sep. 29, 2019                   | Dec. 27, 2019 | Radiation (03CH05-KS) |
| Double Ridge Horn Antenna         | ETS-Lindgren | 3117                       | 75959        | 1GHz~18GHz              | Jan. 27, 2019    | Sep. 29, 2019                   | Jan. 26, 2020 | Radiation (03CH05-KS) |
| SHF-EHF Horn                      | Com-power    | AH-840                     | 101070       | 18GHz~40GHz             | Jan. 05, 2019    | Sep. 29, 2019                   | Jan. 04, 2020 | Radiation (03CH05-KS) |
| Amplifier                         | SONOMA       | 310N                       | 187289       | 9KHz~1GHz               | Aug. 06, 2019    | Sep. 29, 2019                   | Aug. 05, 2020 | Radiation (03CH05-KS) |
| Amplifier                         | MITEQ        | TTA1840-35-HG              | 2014749      | 18~40GHz                | Jan. 14, 2019    | Sep. 29, 2019                   | Jan. 13, 2020 | Radiation (03CH05-KS) |
| high gain Amplifier               | MITEQ        | AMF-7D-0010<br>1800-30-10P | 2025788      | 1Ghz~18Ghz              | Aug. 17, 2019    | Sep. 29, 2019                   | Aug. 16, 2020 | Radiation (03CH05-KS) |
| AC Power Source                   | Chroma       | 61601                      | F104090004   | N/A                     | NCR              | Sep. 29, 2019                   | NCR           | Radiation (03CH05-KS) |
| Turn Table                        | ChamPro      | EM 1000-T                  | 060762-T     | 0~360 degree            | NCR              | Sep. 29, 2019                   | NCR           | Radiation (03CH05-KS) |
| Antenna Mast                      | ChamPro      | EM 1000-A                  | 060762-A     | 1 m~4 m                 | NCR              | Sep. 29, 2019                   | NCR           | Radiation (03CH05-KS) |
| EMI Receiver                      | R&S          | ESCI7                      | 100768       | 9kHz~7GHz;              | Apr. 16, 2019    | Jan. 02, 2020                   | Apr. 15, 2020 | Conduction (CO01-KS)  |
| AC LISN                           | MessTec      | AN3016                     | 060103       | 9kHz~30MHz              | Oct. 11, 2019    | Jan. 02, 2020                   | Oct. 10, 2020 | Conduction (CO01-KS)  |
| AC LISN (for auxiliary equipment) | MessTec      | AN3016                     | 060105       | 9kHz~30MHz              | Oct. 28, 2019    | Jan. 02, 2020                   | Oct. 27, 2020 | Conduction (CO01-KS)  |
| AC Power Source                   | Chroma       | 61602                      | ABP000000811 | AC 0V~300V, 45Hz~1000Hz | Oct. 11, 2019    | Jan. 02, 2020                   | Oct. 10, 2020 | Conduction (CO01-KS)  |

NCR: No Calibration Required

## 5 Uncertainty of Evaluation

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.10-2013. All the measurement uncertainty value were shown with a coverage  $K=2$  to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

### Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

|                                                                         |       |
|-------------------------------------------------------------------------|-------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 2.9dB |
|-------------------------------------------------------------------------|-------|

### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

|                                                                         |       |
|-------------------------------------------------------------------------|-------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.0dB |
|-------------------------------------------------------------------------|-------|

### Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

|                                                                         |       |
|-------------------------------------------------------------------------|-------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.0dB |
|-------------------------------------------------------------------------|-------|

### Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

|                                                                         |       |
|-------------------------------------------------------------------------|-------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 5.0dB |
|-------------------------------------------------------------------------|-------|



## **Appendix A. Conducted Test Results**

**Bluetooth**

|                |                      |                    |       |    |
|----------------|----------------------|--------------------|-------|----|
| Test Engineer: | Aly Cao              | Temperature:       | 20~26 | °C |
| Test Date:     | 2019/8/28~2019/12/20 | Relative Humidity: | 40~51 | %  |

**TEST RESULTS DATA****20dB and 99% Occupied Bandwidth and Hopping Channel Separation**

| Mod. | Data Rate | NTX | CH. | Freq. (MHz) | 20db BW (MHz) | 99% Bandwidth (MHz) | Hopping Channel Separation Measurement (MHz) | Hopping Channel Separation Measurement Limit (MHz) | Pass/Fail |
|------|-----------|-----|-----|-------------|---------------|---------------------|----------------------------------------------|----------------------------------------------------|-----------|
| DH   | 1Mbps     | 1   | 0   | 2402        | 0.810         | 0.863               | 1002.900                                     | 0.5403                                             | Pass      |
| DH   | 1Mbps     | 1   | 39  | 2441        | 0.813         | 0.865               | 998.600                                      | 0.5422                                             | Pass      |
| DH   | 1Mbps     | 1   | 78  | 2480        | 0.871         | 0.863               | 998.550                                      | 0.5808                                             | Pass      |
| 2DH  | 2Mbps     | 1   | 0   | 2402        | 1.333         | 1.172               | 998.600                                      | 0.8886                                             | Pass      |
| 2DH  | 2Mbps     | 1   | 39  | 2441        | 1.320         | 1.169               | 998.600                                      | 0.8799                                             | Pass      |
| 2DH  | 2Mbps     | 1   | 78  | 2480        | 1.329         | 1.172               | 998.600                                      | 0.8857                                             | Pass      |
| 3DH  | 3Mbps     | 1   | 0   | 2402        | 1.281         | 1.164               | 998.600                                      | 0.8539                                             | Pass      |
| 3DH  | 3Mbps     | 1   | 39  | 2441        | 1.276         | 1.161               | 1002.900                                     | 0.8509                                             | Pass      |
| 3DH  | 3Mbps     | 1   | 78  | 2480        | 1.298         | 1.164               | 985.500                                      | 0.8654                                             | Pass      |

**TEST RESULTS DATA****Dwell Time**

| Mod.  | Hopping Channel Number Rate | Hops Over Occupancy Time(hops) | Package Transfer Time (msec) (MHz) | Dwell Time (sec) | Limits (sec) | Pass/Fail |
|-------|-----------------------------|--------------------------------|------------------------------------|------------------|--------------|-----------|
| Nomal | 79                          | 106.67                         | 2.89                               | 0.31             | 0.4          | Pass      |
| AFH   | 20                          | 53.33                          | 2.89                               | 0.15             | 0.4          | Pass      |

**TEST RESULTS DATA****Peak Power Table**

| DH  | CH. | NTX | Peak Power (dBm) | Power Limit (dBm) | Test Result |
|-----|-----|-----|------------------|-------------------|-------------|
| DH1 | 0   | 1   | 2.29             | 20.97             | Pass        |
|     | 39  | 1   | 2.20             | 20.97             | Pass        |
|     | 78  | 1   | 1.96             | 20.97             | Pass        |

| 2DH  | CH. | NTX | Peak Power (dBm) | Power Limit (dBm) | Test Result |
|------|-----|-----|------------------|-------------------|-------------|
| 2DH1 | 0   | 1   | 3.72             | 20.97             | Pass        |
|      | 39  | 1   | 3.22             | 20.97             | Pass        |
|      | 78  | 1   | 2.99             | 20.97             | Pass        |

| 3DH  | CH. | NTX | Peak Power (dBm) | Power Limit (dBm) | Test Result |
|------|-----|-----|------------------|-------------------|-------------|
| 3DH1 | 0   | 1   | 3.83             | 20.97             | Pass        |
|      | 39  | 1   | 3.74             | 20.97             | Pass        |
|      | 78  | 1   | 3.42             | 20.97             | Pass        |

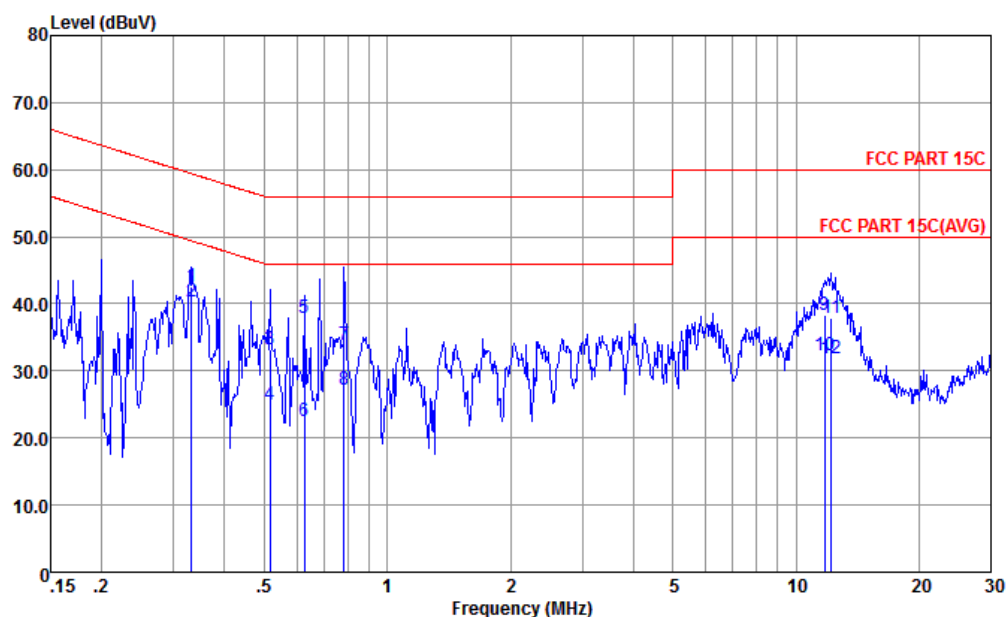
**TEST RESULTS DATA****Number of Hopping Frequency**

| Number of Hopping (Channel) | Adaptive Frequency Hopping (Channel) | Limits (Channel) | Pass/Fail |
|-----------------------------|--------------------------------------|------------------|-----------|
| 79                          | 79                                   | > 15             | Pass      |



## Appendix B. AC Conducted Emission Test Results

|                 |                                                                                 |                     |            |
|-----------------|---------------------------------------------------------------------------------|---------------------|------------|
| Test Engineer : | Amos Zhang                                                                      | Temperature :       | 25.3~26.2℃ |
|                 |                                                                                 | Relative Humidity : | 38~40%     |
| Test Voltage :  | 120Vac / 60Hz                                                                   | Phase :             | Line       |
| Remark :        | All emissions not reported here are more than 10 dB below the prescribed limit. |                     |            |

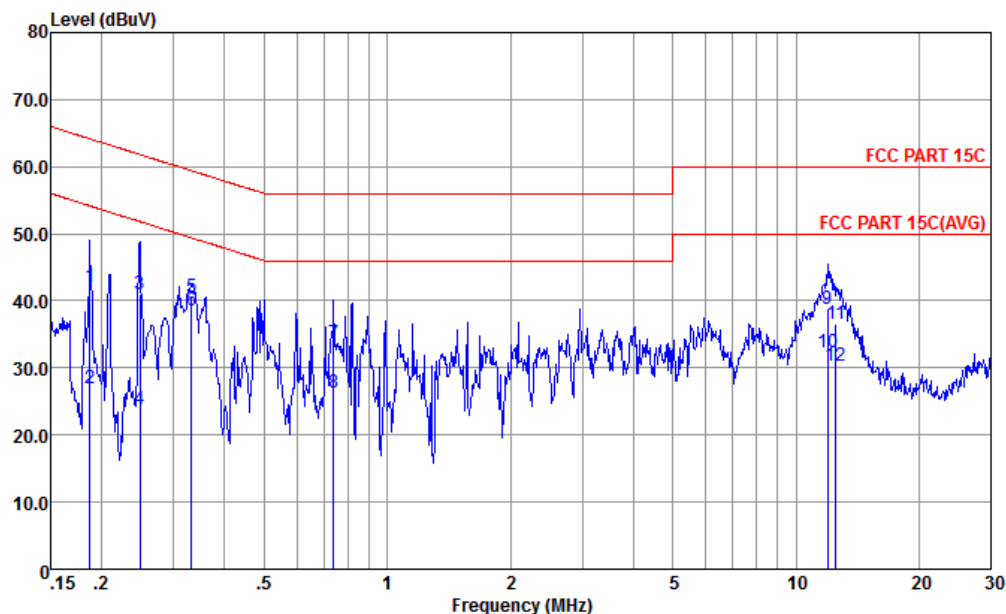


Site : CO01-KS  
Condition : FCC PART 15C LISN-L-191028-060105 LINE

|     | Freq   | Level | Over   | Limit | Read  | LISN   | Cable |         |
|-----|--------|-------|--------|-------|-------|--------|-------|---------|
|     | MHz    | dBuV  | Limit  | Line  | Level | Factor | Loss  | Remark  |
|     |        |       | dB     | dBuV  | dBuV  | dB     | dB    |         |
| 1   | 0.332  | 42.54 | -16.86 | 59.40 | 32.20 | 0.05   | 10.29 | QP      |
| 2 * | 0.332  | 40.44 | -8.96  | 49.40 | 30.10 | 0.05   | 10.29 | Average |
| 3   | 0.516  | 33.20 | -22.80 | 56.00 | 22.90 | 0.06   | 10.24 | QP      |
| 4   | 0.516  | 24.90 | -21.10 | 46.00 | 14.60 | 0.06   | 10.24 | Average |
| 5   | 0.627  | 37.90 | -18.10 | 56.00 | 27.59 | 0.07   | 10.24 | QP      |
| 6   | 0.627  | 22.50 | -23.50 | 46.00 | 12.19 | 0.07   | 10.24 | Average |
| 7   | 0.783  | 33.91 | -22.09 | 56.00 | 23.60 | 0.07   | 10.24 | QP      |
| 8   | 0.783  | 27.21 | -18.79 | 46.00 | 16.90 | 0.07   | 10.24 | Average |
| 9   | 11.745 | 38.26 | -21.74 | 60.00 | 27.61 | 0.29   | 10.36 | QP      |
| 10  | 11.745 | 32.26 | -17.74 | 50.00 | 21.61 | 0.29   | 10.36 | Average |
| 11  | 12.188 | 37.88 | -22.12 | 60.00 | 27.20 | 0.31   | 10.37 | QP      |
| 12  | 12.188 | 31.88 | -18.12 | 50.00 | 21.20 | 0.31   | 10.37 | Average |



|                 |                                                                                 |                     |            |
|-----------------|---------------------------------------------------------------------------------|---------------------|------------|
| Test Engineer : | Amos Zhang                                                                      | Temperature :       | 25.3~26.2℃ |
|                 |                                                                                 | Relative Humidity : | 38~40%     |
| Test Voltage :  | 120Vac / 60Hz                                                                   | Phase :             | Neutral    |
| Remark :        | All emissions not reported here are more than 10 dB below the prescribed limit. |                     |            |



Site : CO01-KS  
Condition : FCC PART 15C LISN-N-191028-060105 NEUTRAL

|     | Freq   | Level | Over   | Limit | Read  | LISN   | Cable | Remark  |
|-----|--------|-------|--------|-------|-------|--------|-------|---------|
|     | MHz    | dBuV  | Limit  | Line  | Level | Factor | Loss  |         |
|     |        |       | dB     | dBuV  | dBuV  | dB     | dB    |         |
| 1   | 0.187  | 42.07 | -22.08 | 64.15 | 31.60 | 0.08   | 10.39 | QP      |
| 2   | 0.187  | 27.07 | -27.08 | 54.15 | 16.60 | 0.08   | 10.39 | Average |
| 3   | 0.248  | 41.02 | -20.80 | 61.82 | 30.61 | 0.08   | 10.33 | QP      |
| 4   | 0.248  | 23.92 | -27.90 | 51.82 | 13.51 | 0.08   | 10.33 | Average |
| 5   | 0.332  | 40.58 | -18.82 | 59.40 | 30.20 | 0.09   | 10.29 | QP      |
| 6 * | 0.332  | 38.58 | -10.82 | 49.40 | 28.20 | 0.09   | 10.29 | Average |
| 7   | 0.739  | 33.54 | -22.46 | 56.00 | 23.20 | 0.10   | 10.24 | QP      |
| 8   | 0.739  | 26.24 | -19.76 | 46.00 | 15.90 | 0.10   | 10.24 | Average |
| 9   | 11.933 | 38.77 | -21.23 | 60.00 | 28.11 | 0.30   | 10.36 | QP      |
| 10  | 11.933 | 32.27 | -17.73 | 50.00 | 21.61 | 0.30   | 10.36 | Average |
| 11  | 12.516 | 36.59 | -23.41 | 60.00 | 25.90 | 0.32   | 10.37 | QP      |
| 12  | 12.516 | 30.29 | -19.71 | 50.00 | 19.60 | 0.32   | 10.37 | Average |

Note:

1. Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
2. Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)



## Appendix C. Radiated Spurious Emission

2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

| BT                     | Note                                                                                        | Frequency | Level      | Over Limit | Limit Line | Read Level | Antenna Factor | Cable Loss | Preamplifier Factor | Ant Pos | Table Pos | Peak Avg. | Pol.    |
|------------------------|---------------------------------------------------------------------------------------------|-----------|------------|------------|------------|------------|----------------|------------|---------------------|---------|-----------|-----------|---------|
|                        |                                                                                             | ( MHz )   | ( dBμV/m ) | ( dB )     | ( dBμV/m ) | ( dBμV )   | ( dB/m )       | ( dB )     | ( dB )              | ( cm )  | ( deg )   | ( P/A )   | ( H/V ) |
| BT<br>CH00<br>2402MHz  |                                                                                             | 2386.57   | 53.57      | -20.43     | 74         | 49.33      | 31.3           | 5.48       | 32.54               | 340     | 6         | P         | H       |
|                        | *                                                                                           | 2386.57   | 27.46      | -26.54     | 54         | -          | -              | -          | -                   | -       | -         | A         | H       |
|                        |                                                                                             | 2402      | 97.24      | -          | -          | 92.99      | 31.3           | 5.48       | 32.53               | 340     | 6         | P         | H       |
|                        |                                                                                             | 2402      | 71.13      | -          | -          | -          | -              | -          | -                   | -       | -         | A         | H       |
|                        |                                                                                             | 2385.27   | 58.82      | -15.18     | 74         | 54.63      | 31.25          | 5.48       | 32.54               | 122     | 29        | P         | V       |
|                        | *                                                                                           | 2385.27   | 32.71      | -21.29     | 54         | -          | -              | -          | -                   | -       | -         | A         | V       |
|                        |                                                                                             | 2402      | 105.02     | -          | -          | 100.77     | 31.3           | 5.48       | 32.53               | 122     | 29        | P         | V       |
|                        |                                                                                             | 2402      | 78.91      | -          | -          | -          | -              | -          | -                   | -       | -         | A         | V       |
| BT<br>CH 78<br>2480MHz |                                                                                             | 2483.74   | 60.75      | -13.25     | 74         | 55.92      | 31.59          | 5.55       | 32.31               | 281     | 2         | P         | H       |
|                        | *                                                                                           | 2483.74   | 34.64      | -19.36     | 54         | -          | -              | -          | -                   | -       | -         | A         | H       |
|                        |                                                                                             | 2480      | 98.57      | -          | -          | 93.74      | 31.59          | 5.55       | 32.31               | 281     | 2         | P         | H       |
|                        |                                                                                             | 2480      | 72.46      | -          | -          | -          | -              | -          | -                   | -       | -         | A         | H       |
|                        |                                                                                             | 2483.92   | 65.94      | -8.06      | 74         | 61.11      | 31.59          | 5.55       | 32.31               | 100     | 26        | P         | V       |
|                        | *                                                                                           | 2483.92   | 39.83      | -14.17     | 54         | -          | -              | -          | -                   | -       | -         | A         | V       |
|                        |                                                                                             | 2480      | 106.09     | -          | -          | 101.26     | 31.59          | 5.55       | 32.31               | 100     | 26        | P         | V       |
|                        |                                                                                             | 2480      | 79.98      | -          | -          | -          | -              | -          | -                   | -       | -         | A         | V       |
| Remark                 | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |           |            |            |            |            |                |            |                     |         |           |           |         |



## 2.4GHz 2400~2483.5MHz

## BT (Harmonic @ 3m)

| BT                     | Note                                                                                        | Frequency<br>( MHz ) | Level<br>( dBμV/m ) | Over<br>Limit<br>( dB ) | Limit<br>Line<br>( dBμV/m ) | Read<br>Level<br>( dBμV ) | Antenna<br>Factor<br>( dB/m ) | Cable<br>Loss<br>( dB ) | Preamp<br>Factor<br>( dB ) | Ant<br>Pos<br>( cm ) | Table<br>Pos<br>( deg ) | Peak<br>Avg.<br>( P/A ) | Pol.<br>( H/V ) |
|------------------------|---------------------------------------------------------------------------------------------|----------------------|---------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|-------------------------|----------------------------|----------------------|-------------------------|-------------------------|-----------------|
| BT<br>CH 00<br>2402MHz |                                                                                             | 4806                 | 48.43               | -25.57                  | 74                          | 67.58                     | 34.88                         | 8.1                     | 62.13                      | 150                  | 360                     | P                       | H               |
|                        |                                                                                             | 4806                 | 22.32               | -31.68                  | 54                          | -                         | -                             | -                       | -                          | -                    | -                       | A                       | H               |
|                        |                                                                                             | 4806                 | 55.19               | -18.81                  | 74                          | 74.34                     | 34.88                         | 8.1                     | 62.13                      | 150                  | 360                     | P                       | V               |
|                        |                                                                                             | 4806                 | 29.08               | -24.92                  | 54                          | -                         | -                             | -                       | -                          | -                    | -                       | A                       | V               |
| BT<br>CH 39<br>2441MHz |                                                                                             | 4884                 | 52.73               | -21.27                  | 74                          | 71.85                     | 34.92                         | 8.07                    | 62.11                      | 100                  | 360                     | P                       | H               |
|                        |                                                                                             | 4884                 | 26.62               | -27.38                  | 54                          | -                         | -                             | -                       | -                          | -                    | -                       | A                       | H               |
|                        |                                                                                             | 7320                 | 42.50               | -31.50                  | 74                          | 60.22                     | 35.3                          | 9.75                    | 62.77                      | 100                  | 360                     | P                       | H               |
|                        |                                                                                             | 4884                 | 61.69               | -12.31                  | 74                          | 80.81                     | 34.92                         | 8.07                    | 62.11                      | 100                  | 360                     | P                       | V               |
|                        |                                                                                             | 4884                 | 35.58               | -18.42                  | 54                          | -                         | -                             | -                       | -                          | -                    | -                       | A                       | V               |
|                        |                                                                                             | 7320                 | 43.35               | -30.65                  | 74                          | 61.07                     | 35.3                          | 9.75                    | 62.77                      | 100                  | 360                     | P                       | V               |
| BT<br>CH 78<br>2480MHz |                                                                                             | 4962                 | 50.15               | -23.85                  | 74                          | 69.21                     | 34.97                         | 8.05                    | 62.08                      | 150                  | 360                     | P                       | H               |
|                        |                                                                                             | 4962                 | 24.04               | -29.96                  | 54                          | -                         | -                             | -                       | -                          | -                    | -                       | A                       | H               |
|                        |                                                                                             | 7440                 | 40.41               | -33.59                  | 74                          | 57.98                     | 35.37                         | 9.84                    | 62.78                      | 150                  | 360                     | P                       | H               |
|                        |                                                                                             | 4962                 | 60.87               | -13.13                  | 74                          | 79.93                     | 34.97                         | 8.05                    | 62.08                      | 150                  | 360                     | P                       | V               |
|                        |                                                                                             | 4962                 | 34.76               | -19.24                  | 54                          | -                         | -                             | -                       | -                          | -                    | -                       | A                       | V               |
|                        |                                                                                             | 7440                 | 44.32               | -29.68                  | 74                          | 61.89                     | 35.37                         | 9.84                    | 62.78                      | 150                  | 360                     | P                       | V               |
| Remark                 | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |                      |                     |                         |                             |                           |                               |                         |                            |                      |                         |                         |                 |



## Emission below 1GHz

## 2.4GHz BT (LF)

| BT                 | Note                                                                       | Frequency | Level      | Over   | Limit      | Read   | Antenna  | Cable  | Preamp | Ant    | Table   | Peak  | Pol.  |
|--------------------|----------------------------------------------------------------------------|-----------|------------|--------|------------|--------|----------|--------|--------|--------|---------|-------|-------|
|                    |                                                                            |           |            | Limit  | Line       | Level  | Factor   | Loss   | Factor | Pos    | Pos     | Avg.  |       |
|                    |                                                                            | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 2.4GHz<br>BT<br>LF |                                                                            | 35.82     | 27.85      | -12.15 | 40         | 37.47  | 21.62    | 0.72   | 31.96  | -      | -       | P     | H     |
|                    |                                                                            | 59.1      | 34.57      | -5.43  | 40         | 53.19  | 12.44    | 0.87   | 31.93  | 100    | 0       | P     | H     |
|                    |                                                                            | 204.6     | 28.38      | -15.12 | 43.5       | 43.18  | 15.45    | 1.66   | 31.91  | -      | -       | P     | H     |
|                    |                                                                            | 266.68    | 30.45      | -15.55 | 46         | 41.65  | 18.9     | 1.9    | 32     | -      | -       | P     | H     |
|                    |                                                                            | 422.85    | 27.94      | -18.06 | 46         | 35.34  | 22.45    | 2.31   | 32.16  | -      | -       | P     | H     |
|                    |                                                                            | 903.97    | 30.66      | -15.34 | 46         | 29.29  | 29.33    | 3.46   | 31.42  | -      | -       | P     | H     |
|                    |                                                                            | 34.85     | 32.37      | -7.63  | 40         | 41.5   | 22.1     | 0.73   | 31.96  | -      | -       | P     | V     |
|                    |                                                                            | 59.1      | 36.48      | -3.52  | 40         | 55.1   | 12.44    | 0.87   | 31.93  | 100    | 0       | P     | V     |
|                    |                                                                            | 134.76    | 28.05      | -15.45 | 43.5       | 41.82  | 16.89    | 1.28   | 31.94  | -      | -       | P     | V     |
|                    |                                                                            | 217.21    | 29.03      | -16.97 | 46         | 42.89  | 16.35    | 1.71   | 31.92  | -      | -       | P     | V     |
|                    |                                                                            | 440.31    | 26.69      | -19.31 | 46         | 33.66  | 22.87    | 2.36   | 32.2   | -      | -       | P     | V     |
|                    |                                                                            | 958.29    | 32.1       | -13.9  | 46         | 28.62  | 30.83    | 3.56   | 30.91  | -      | -       | P     | V     |
| Remark             | 1. No other spurious found.<br>2. All results are PASS against limit line. |           |            |        |            |        |          |        |        |        |         |       |       |



**Note symbol**

|     |                                                                                                                                                          |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| *   | <b>Fundamental Frequency</b> which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency. |
| !   | Test result is <b>over limit</b> line.                                                                                                                   |
| P/A | <b>P</b> eak or <b>A</b> verage                                                                                                                          |
| H/V | <b>H</b> orizontal or <b>V</b> ertical                                                                                                                   |



A calculation example for radiated spurious emission is shown as below:

| WIFI    | Note | Frequency | Level      | Over   | Limit      | Read     | Antenna  | Cable  | Preamp | Ant    | Table   | Peak    | Pol.    |
|---------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant.    |      |           |            | Limit  | Line       | Level    | Factor   | Loss   | Factor | Pos    | Pos     | Avg.    |         |
| 1+2     |      | ( MHz )   | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | ( P/A ) | ( H/V ) |
| 802.11b |      | 2390      | 55.45      | -18.55 | 74         | 54.51    | 32.22    | 4.58   | 35.86  | 103    | 308     | P       | H       |
| CH 01   |      |           |            |        |            |          |          |        |        |        |         |         |         |
| 2412MHz |      | 2390      | 43.54      | -10.46 | 54         | 42.6     | 32.22    | 4.58   | 35.86  | 103    | 308     | A       | H       |

1. Level(dBμV/m) =

Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

**For Peak Limit @ 2390MHz:**

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

**For Average Limit @ 2390MHz:**

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

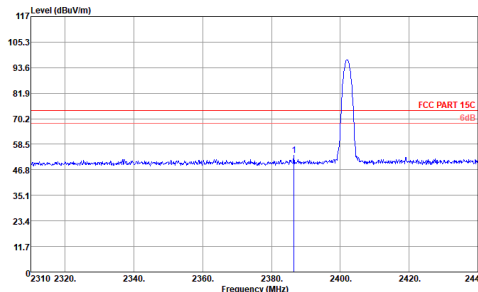
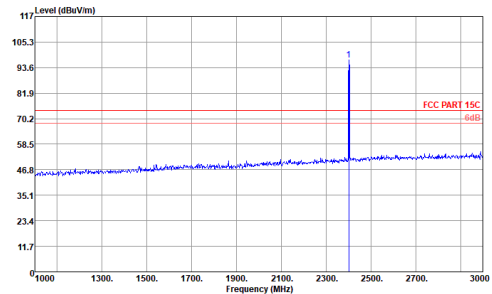
**Both peak and average measured complies with the limit line, so test result is “PASS”.**



## Appendix D. Radiated Spurious Emission Plots

2.4GHz 2400~2483.5MHz

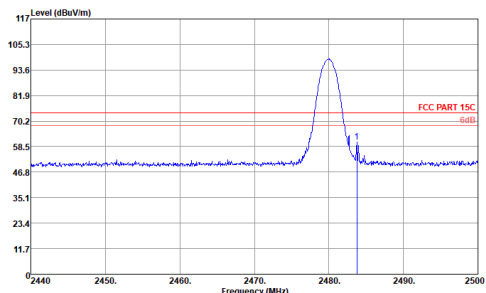
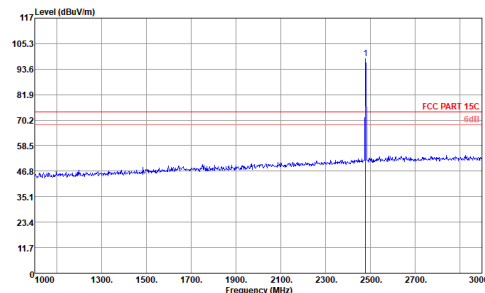
BT (Band Edge @ 3m)

| BT   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2.4GHz 2400~2483.5MHz Band Edge @ 3m |              |              |        |        |             |          |     |        |            |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |      |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |     |         |       |       |       |       |       |      |       |     |        |            |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------|--------------|--------|--------|-------------|----------|-----|--------|------------|-------|-------------|--------------|-------|-------|--------|----------|------|-------|-------|-------|--------|--------|--|--|-----|--------|----|--------|------|------|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|--------|------------|------|-------|-------------|--------------|-------|-------|--------|----------|------|-------|-------|-------|--------|--------|--|--|-----|--------|----|--------|------|------|----|----|-----|--|-----|---------|-------|-------|-------|-------|-------|------|-------|-----|--------|------------|
| ANT  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | BT CH00 2402MHz                      |              |              |        |        |             |          |     |        |            |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |      |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |     |         |       |       |       |       |       |      |       |     |        |            |
| 1    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Horizontal                           |              |              |        |        | Fundamental |          |     |        |            |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |      |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |     |         |       |       |       |       |       |      |       |     |        |            |
| Peak | <div><div><p>Site : 03CB05-KS<br/>Condition : FCC PART 15C 3m 3117 SMT6967 HORIZONTAL<br/>RFW: 1000.000MHz YBW: 1000.000MHz SW: Auto<br/>Project : FR160922</p><table><thead><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Level</th><th>Level</th><th>Factor</th><th>Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>2386.57</td><td>53.57</td><td>-20.43</td><td>74.00</td><td>49.33</td><td>31.30</td><td>5.48</td><td>32.54</td><td>340</td><td>6 Peak</td><td>HORIZONTAL</td></tr></tbody></table></div><div><div><p>Site : 03CB05-KS<br/>Condition : FCC PART 15C 3m 3117 SMT6967 HORIZONTAL<br/>RFW: 1000.000MHz YBW: 1000.000MHz SW: Auto<br/>Project : FR160922</p><table><thead><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Level</th><th>Level</th><th>Factor</th><th>Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1 *</td><td>2402.00</td><td>97.24</td><td>23.24</td><td>74.00</td><td>92.99</td><td>31.30</td><td>5.48</td><td>32.53</td><td>340</td><td>6 Peak</td><td>HORIZONTAL</td></tr></tbody></table></div></div></div> |                                      |              |              |        |        |             |          |     |        | Over       | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Factor | Factor |  |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  | 1 | 2386.57 | 53.57 | -20.43 | 74.00 | 49.33 | 31.30 | 5.48 | 32.54 | 340 | 6 Peak | HORIZONTAL | Over | Limit | ReadAntenna | Cable Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Level | Level | Factor | Factor |  |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  | 1 * | 2402.00 | 97.24 | 23.24 | 74.00 | 92.99 | 31.30 | 5.48 | 32.53 | 340 | 6 Peak | HORIZONTAL |
|      | Over                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Limit                                | ReadAntenna  | Cable Preamp | A/Pos  | T/Pos  | Remark      | Pol/Phas |     |        |            |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |      |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |     |         |       |       |       |       |       |      |       |     |        |            |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Level                                | Level        | Level        | Factor | Factor |             |          |     |        |            |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |      |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |     |         |       |       |       |       |       |      |       |     |        |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dB                                   | dBuV/m       | dBuV         | dB/m   | dB     | cm          | deg      |     |        |            |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |      |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |     |         |       |       |       |       |       |      |       |     |        |            |
| 1    | 2386.57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 53.57                                | -20.43       | 74.00        | 49.33  | 31.30  | 5.48        | 32.54    | 340 | 6 Peak | HORIZONTAL |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |      |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |     |         |       |       |       |       |       |      |       |     |        |            |
| Over | Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ReadAntenna                          | Cable Preamp | A/Pos        | T/Pos  | Remark | Pol/Phas    |          |     |        |            |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |      |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |     |         |       |       |       |       |       |      |       |     |        |            |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Level                                | Level        | Factor       | Factor |        |             |          |     |        |            |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |      |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |     |         |       |       |       |       |       |      |       |     |        |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dB                                   | dBuV/m       | dBuV         | dB/m   | dB     | cm          | deg      |     |        |            |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |      |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |     |         |       |       |       |       |       |      |       |     |        |            |
| 1 *  | 2402.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 97.24                                | 23.24        | 74.00        | 92.99  | 31.30  | 5.48        | 32.53    | 340 | 6 Peak | HORIZONTAL |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |      |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |     |         |       |       |       |       |       |      |       |     |        |            |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                      |              |              |        |        |             |          |     |        |            |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |      |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |     |         |       |       |       |       |       |      |       |     |        |            |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                      |              |              |        |        |             |          |     |        |            |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |      |       |             |              |       |       |        |          |      |       |       |       |        |        |  |  |     |        |    |        |      |      |    |    |     |  |     |         |       |       |       |       |       |      |       |     |        |            |

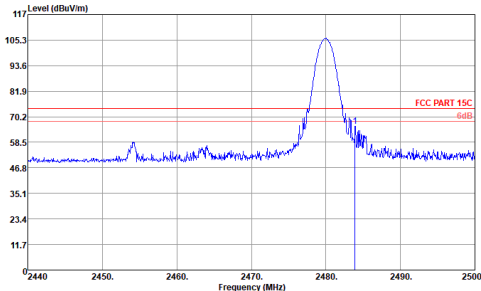
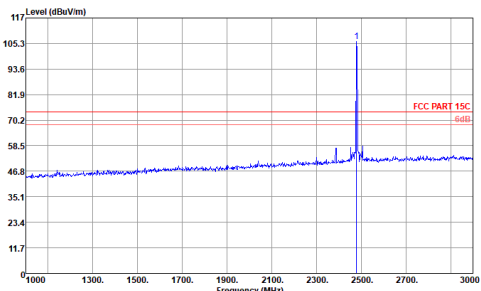


| BT   | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |             |              |              |             |       |        |          |          |             |  |      |       |             |       |        |       |       |        |          |      |       |       |      |              |             |  |  |  |  |     |        |    |        |      |      |    |    |     |  |   |         |              |       |       |       |      |       |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |      |       |             |       |        |       |       |        |          |      |       |       |      |              |             |  |  |  |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |         |          |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|--------------|--------------|-------------|-------|--------|----------|----------|-------------|--|------|-------|-------------|-------|--------|-------|-------|--------|----------|------|-------|-------|------|--------------|-------------|--|--|--|--|-----|--------|----|--------|------|------|----|----|-----|--|---|---------|--------------|-------|-------|-------|------|-------|-----|---------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------|-------|-------------|-------|--------|-------|-------|--------|----------|------|-------|-------|------|--------------|-------------|--|--|--|--|-----|--------|----|--------|------|------|----|----|-----|--|-----|---------|--------|-------|-------|--------|-------|------|-------|-----|---------|----------|
| ANT  | BT CH00 2402MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |              |             |              |              |             |       |        |          |          |             |  |      |       |             |       |        |       |       |        |          |      |       |       |      |              |             |  |  |  |  |     |        |    |        |      |      |    |    |     |  |   |         |              |       |       |       |      |       |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |      |       |             |       |        |       |       |        |          |      |       |       |      |              |             |  |  |  |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |         |          |
| 1    | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |             |              |              |             |       |        |          |          | Fundamental |  |      |       |             |       |        |       |       |        |          |      |       |       |      |              |             |  |  |  |  |     |        |    |        |      |      |    |    |     |  |   |         |              |       |       |       |      |       |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |      |       |             |       |        |       |       |        |          |      |       |       |      |              |             |  |  |  |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |         |          |
| Peak | <div><p>Site : 03CH05-ES<br/>Condition : FCC PART 15C 3m 3117 SN75957 VERTICAL<br/>RBW: 1000.000kHz VBW: 1000.000kHz SWT: Auto<br/>Protect : (PR) 950922</p><table><tr><th></th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2385.27</td><td>58.82 -15.18</td><td>74.00</td><td>54.63</td><td>31.25</td><td>5.48</td><td>32.54</td><td>122</td><td>29 Peak</td><td>VERTICAL</td></tr></table></div> |              |             |              |              |             |       |        |          |          |             |  | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Line | Level Factor | Loss Factor |  |  |  |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  | 1 | 2385.27 | 58.82 -15.18 | 74.00 | 54.63 | 31.25 | 5.48 | 32.54 | 122 | 29 Peak | VERTICAL | <div><p>Site : 03CH05-ES<br/>Condition : FCC PART 15C 3m 3117 SN75957 VERTICAL<br/>RBW: 1000.000kHz VBW: 1000.000kHz SWT: Auto<br/>Protect : (PR) 950922</p><table><tr><th></th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 *</td><td>2402.00</td><td>105.02</td><td>31.02</td><td>74.00</td><td>100.77</td><td>31.30</td><td>5.48</td><td>32.53</td><td>122</td><td>29 Peak</td><td>VERTICAL</td></tr></table></div> |  | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | Freq | Level | Limit | Line | Level Factor | Loss Factor |  |  |  |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  | 1 * | 2402.00 | 105.02 | 31.02 | 74.00 | 100.77 | 31.30 | 5.48 | 32.53 | 122 | 29 Peak | VERTICAL |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Over         | Limit       | ReadAntenna  | Cable        | Preamp      | A/Pos | T/Pos  | Remark   | Pol/Phas |             |  |      |       |             |       |        |       |       |        |          |      |       |       |      |              |             |  |  |  |  |     |        |    |        |      |      |    |    |     |  |   |         |              |       |       |       |      |       |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |      |       |             |       |        |       |       |        |          |      |       |       |      |              |             |  |  |  |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |         |          |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Level        | Limit       | Line         | Level Factor | Loss Factor |       |        |          |          |             |  |      |       |             |       |        |       |       |        |          |      |       |       |      |              |             |  |  |  |  |     |        |    |        |      |      |    |    |     |  |   |         |              |       |       |       |      |       |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |      |       |             |       |        |       |       |        |          |      |       |       |      |              |             |  |  |  |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |         |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dB           | dBuV/m      | dBuV         | dB/m         | dB          | cm    | deg    |          |          |             |  |      |       |             |       |        |       |       |        |          |      |       |       |      |              |             |  |  |  |  |     |        |    |        |      |      |    |    |     |  |   |         |              |       |       |       |      |       |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |      |       |             |       |        |       |       |        |          |      |       |       |      |              |             |  |  |  |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |         |          |
| 1    | 2385.27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 58.82 -15.18 | 74.00       | 54.63        | 31.25        | 5.48        | 32.54 | 122    | 29 Peak  | VERTICAL |             |  |      |       |             |       |        |       |       |        |          |      |       |       |      |              |             |  |  |  |  |     |        |    |        |      |      |    |    |     |  |   |         |              |       |       |       |      |       |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |      |       |             |       |        |       |       |        |          |      |       |       |      |              |             |  |  |  |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |         |          |
|      | Over                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Limit        | ReadAntenna | Cable        | Preamp       | A/Pos       | T/Pos | Remark | Pol/Phas |          |             |  |      |       |             |       |        |       |       |        |          |      |       |       |      |              |             |  |  |  |  |     |        |    |        |      |      |    |    |     |  |   |         |              |       |       |       |      |       |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |      |       |             |       |        |       |       |        |          |      |       |       |      |              |             |  |  |  |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |         |          |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Limit        | Line        | Level Factor | Loss Factor  |             |       |        |          |          |             |  |      |       |             |       |        |       |       |        |          |      |       |       |      |              |             |  |  |  |  |     |        |    |        |      |      |    |    |     |  |   |         |              |       |       |       |      |       |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |      |       |             |       |        |       |       |        |          |      |       |       |      |              |             |  |  |  |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |         |          |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | dB           | dBuV/m      | dBuV         | dB/m         | dB          | cm    | deg    |          |          |             |  |      |       |             |       |        |       |       |        |          |      |       |       |      |              |             |  |  |  |  |     |        |    |        |      |      |    |    |     |  |   |         |              |       |       |       |      |       |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |      |       |             |       |        |       |       |        |          |      |       |       |      |              |             |  |  |  |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |         |          |
| 1 *  | 2402.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 105.02       | 31.02       | 74.00        | 100.77       | 31.30       | 5.48  | 32.53  | 122      | 29 Peak  | VERTICAL    |  |      |       |             |       |        |       |       |        |          |      |       |       |      |              |             |  |  |  |  |     |        |    |        |      |      |    |    |     |  |   |         |              |       |       |       |      |       |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |      |       |             |       |        |       |       |        |          |      |       |       |      |              |             |  |  |  |  |     |        |    |        |      |      |    |    |     |  |     |         |        |       |       |        |       |      |       |     |         |          |



| BT   | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |        |             |             |             |        |        |        |          |            |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |     |         |       |       |       |       |       |      |       |     |        |            |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|-------------|-------------|-------------|--------|--------|--------|----------|------------|----------|-----|--------|----|--------|------|------|----|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|--------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|----|-----|--|-----|---------|-------|-------|-------|-------|-------|------|-------|-----|--------|------------|
| ANT  | BT CH78 2480MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |        |             |             |             |        |        |        |          |            |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |     |         |       |       |       |       |       |      |       |     |        |            |
| 1    | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Fundamental |        |             |             |             |        |        |        |          |            |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |     |         |       |       |       |       |       |      |       |     |        |            |
| Peak | <div><p>Site : 03CH05-KS<br/>Condition : FCC PART 15C 3m 3117 SN75957 HORIZONTAL<br/>REW 1000.000Hz VBW 1000.000Hz SWT Auto<br/>Project : (FR) 950922</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2483.74</td><td>60.75</td><td>-13.25</td><td>74.00</td><td>55.92</td><td>31.59</td><td>5.55</td><td>32.31</td><td>281</td><td>2 Peak</td><td>HORIZONTAL</td></tr></table></div> | Freq        | Level  | Over        | Limit       | ReadAntenna | Cable  | Preamp | A/Pos  | T/Pos    | Remark     | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 2483.74 | 60.75 | -13.25 | 74.00 | 55.92 | 31.59 | 5.55 | 32.31 | 281 | 2 Peak | HORIZONTAL | <div><p>Site : 03CH05-KS<br/>Condition : FCC PART 15C 3m 3117 SN75957 HORIZONTAL<br/>REW 1000.000Hz VBW 1000.000Hz SWT Auto<br/>Project : (FR) 950922</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 *</td><td>2480.00</td><td>98.57</td><td>24.57</td><td>74.00</td><td>93.74</td><td>31.59</td><td>5.55</td><td>32.31</td><td>281</td><td>2 Peak</td><td>HORIZONTAL</td></tr></table></div> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 * | 2480.00 | 98.57 | 24.57 | 74.00 | 93.74 | 31.59 | 5.55 | 32.31 | 281 | 2 Peak | HORIZONTAL |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Level       | Over   | Limit       | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos  | Remark   | Pol/Phas   |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |     |         |       |       |       |       |       |      |       |     |        |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | dB          | dBuV/m | dBuV        | dB/m        | dB          | dB     | cm     | deg    |          |            |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |     |         |       |       |       |       |       |      |       |     |        |            |
| 1    | 2483.74                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 60.75       | -13.25 | 74.00       | 55.92       | 31.59       | 5.55   | 32.31  | 281    | 2 Peak   | HORIZONTAL |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |     |         |       |       |       |       |       |      |       |     |        |            |
| Freq | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Over        | Limit  | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos  | Remark | Pol/Phas |            |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |     |         |       |       |       |       |       |      |       |     |        |            |
| MHz  | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | dB          | dBuV/m | dBuV        | dB/m        | dB          | dB     | cm     | deg    |          |            |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |     |         |       |       |       |       |       |      |       |     |        |            |
| 1 *  | 2480.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 98.57       | 24.57  | 74.00       | 93.74       | 31.59       | 5.55   | 32.31  | 281    | 2 Peak   | HORIZONTAL |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |        |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |     |         |       |       |       |       |       |      |       |     |        |            |



| BT   | 2.4GHz 2400~2483.5MHz Band Edge @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |       |        |             |       |                                                                                                                                        |       |       |         |          |             |       |              |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |       |       |       |       |      |       |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |      |       |      |       |             |       |              |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |     |         |        |       |       |        |       |      |       |     |         |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------|--------|-------------|-------|----------------------------------------------------------------------------------------------------------------------------------------|-------|-------|---------|----------|-------------|-------|--------------|-------|-------|--------|----------|--|-----|--------|----|--------|------|------|----|----|----|-----|--|---|---------|-------|-------|-------|-------|-------|------|-------|-----|---------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|------|-------|------|-------|-------------|-------|--------------|-------|-------|--------|----------|--|-----|--------|----|--------|------|------|----|----|----|-----|--|-----|---------|--------|-------|-------|--------|-------|------|-------|-----|---------|
| ANT  | BT CH78 2480MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |        |       |        |             |       |                                                                                                                                        |       |       |         |          |             |       |              |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |       |       |       |       |      |       |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |      |       |      |       |             |       |              |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |     |         |        |       |       |        |       |      |       |     |         |
| 1    | Vertical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |       |        |             |       | Fundamental                                                                                                                            |       |       |         |          |             |       |              |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |       |       |       |       |      |       |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |      |       |      |       |             |       |              |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |     |         |        |       |       |        |       |      |       |     |         |
| Peak |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |       |        |             |       |                                                      |       |       |         |          |             |       |              |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |       |       |       |       |      |       |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |      |       |      |       |             |       |              |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |     |         |        |       |       |        |       |      |       |     |         |
|      | Site : 03CHDS-ES<br>Condition : FCC PART 15C 3m 3117 SN75957 VERTICAL<br>Project : RBW:1000.000KHz VBW:1000.000KHz SWT:Auto (FR)950922                                                                                                                                                                                                                                                                                                                                                                                                             |        |       |        |             |       | Site : 03CHDS-KS<br>Condition : FCC PART 15C 3m 2117 SN75957 VERTICAL<br>Project : RBW:1000.000KHz VBW:1000.000KHz SWT:Auto (FR)950922 |       |       |         |          |             |       |              |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |       |       |       |       |      |       |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |      |       |      |       |             |       |              |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |     |         |        |       |       |        |       |      |       |     |         |
|      | <table><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamplifier</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2483.92</td><td>65.94</td><td>-8.06</td><td>74.00</td><td>61.11</td><td>31.59</td><td>5.55</td><td>32.31</td><td>100</td><td>26 Peak</td><td>VERTICAL</td></tr></table> |        |       |        |             |       |                                                                                                                                        | Freq  | Level | Over    | Limit    | ReadAntenna | Cable | Preamplifier | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 2483.92 | 65.94 | -8.06 | 74.00 | 61.11 | 31.59 | 5.55 | 32.31 | 100 | 26 Peak | VERTICAL | <table><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamplifier</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 *</td><td>2480.00</td><td>106.09</td><td>32.09</td><td>74.00</td><td>101.26</td><td>31.59</td><td>5.55</td><td>32.31</td><td>100</td><td>26 Peak</td><td>VERTICAL</td></tr></table> |  |  |  |  |  | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamplifier | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 * | 2480.00 | 106.09 | 32.09 | 74.00 | 101.26 | 31.59 | 5.55 | 32.31 | 100 | 26 Peak |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Level  | Over  | Limit  | ReadAntenna | Cable | Preamplifier                                                                                                                           | A/Pos | T/Pos | Remark  | Pol/Phas |             |       |              |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |       |       |       |       |      |       |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |      |       |      |       |             |       |              |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |     |         |        |       |       |        |       |      |       |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | dBuV/m | dB    | dBuV/m | dBuV        | dB/m  | dB                                                                                                                                     | dB    | cm    | deg     |          |             |       |              |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |       |       |       |       |      |       |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |      |       |      |       |             |       |              |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |     |         |        |       |       |        |       |      |       |     |         |
| 1    | 2483.92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 65.94  | -8.06 | 74.00  | 61.11       | 31.59 | 5.55                                                                                                                                   | 32.31 | 100   | 26 Peak | VERTICAL |             |       |              |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |       |       |       |       |      |       |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |      |       |      |       |             |       |              |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |     |         |        |       |       |        |       |      |       |     |         |
|      | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Level  | Over  | Limit  | ReadAntenna | Cable | Preamplifier                                                                                                                           | A/Pos | T/Pos | Remark  | Pol/Phas |             |       |              |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |       |       |       |       |      |       |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |      |       |      |       |             |       |              |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |     |         |        |       |       |        |       |      |       |     |         |
|      | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | dBuV/m | dB    | dBuV/m | dBuV        | dB/m  | dB                                                                                                                                     | dB    | cm    | deg     |          |             |       |              |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |       |       |       |       |      |       |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |      |       |      |       |             |       |              |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |     |         |        |       |       |        |       |      |       |     |         |
| 1 *  | 2480.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 106.09 | 32.09 | 74.00  | 101.26      | 31.59 | 5.55                                                                                                                                   | 32.31 | 100   | 26 Peak | VERTICAL |             |       |              |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |       |       |       |       |      |       |     |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |  |  |      |       |      |       |             |       |              |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |     |         |        |       |       |        |       |      |       |     |         |



## 2.4GHz 2400~2483.5MHz

## BT (Harmonic @ 3m)

| BT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2.4GHz 2400~2483.5MHz Harmonic @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |        |             |             |        |        |       |        |          |            |       |       |       |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |        |       |       |       |       |       |          |          |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|-------------|-------------|--------|--------|-------|--------|----------|------------|-------|-------|-------|-------------|-------------|--------|--------|-------|--------|----------|----------|--------|--------|--------|--------|------|------|----|----|-----|-----|---|---------|---------|--------|--------|-------|-------|-------|-------|-------|----------|----------|------------|
| ANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | BT CH00 2402MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |        |             |             |        |        |       |        |          |            |       |       |       |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |        |       |       |       |       |       |          |          |            |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |        |             |             |        |        |       |        |          |            |       |       |       |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |        |       |       |       |       |       |          |          |            |
| Peak<br><br>Avg.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <div><p>Site : 03CB05-ES<br/>Condition : FCC PART 15C 3m 3117 5W78957 HORIZONTAL<br/>Project : RBW:1000.000KHz VBW:1000.000KHz SWT:Auto<br/>(FR)950922</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>4886.00</td><td>48.43</td><td>-25.57</td><td>74.00</td><td>67.58</td><td>34.88</td><td>8.10</td><td>62.13</td><td>150</td><td>360 Peak</td><td>HORIZONTAL</td></tr></table></div> |        |        |             |             |        |        |       |        |          |            | Freq  | Level | Over  | Limit       | ReadAntenna | Cable  | Preamp | A/Pos | T/Pos  | Remark   | Pol/Phas | MHz    | dBuV/m | dB     | dBuV/m | dBuV | dB/m | dB | dB | cm  | deg |   | 1       | 4886.00 | 48.43  | -25.57 | 74.00 | 67.58 | 34.88 | 8.10  | 62.13 | 150      | 360 Peak | HORIZONTAL |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Level  | Over   | Limit       | ReadAntenna | Cable  | Preamp | A/Pos | T/Pos  | Remark   | Pol/Phas   |       |       |       |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |        |       |       |       |       |       |          |          |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | dBuV/m | dB     | dBuV/m      | dBuV        | dB/m   | dB     | dB    | cm     | deg      |            |       |       |       |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |        |       |       |       |       |       |          |          |            |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4886.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 48.43  | -25.57 | 74.00       | 67.58       | 34.88  | 8.10   | 62.13 | 150    | 360 Peak | HORIZONTAL |       |       |       |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |        |       |       |       |       |       |          |          |            |
| <div><p>Site : 03CB05-ES<br/>Condition : FCC PART 15C 3m 3117 5W78957 VERTICAL<br/>Project : RBW:1000.000KHz VBW:1000.000KHz SWT:Auto<br/>(FR)950922</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>4886.00</td><td>55.19</td><td>-18.81</td><td>74.00</td><td>74.34</td><td>34.88</td><td>8.10</td><td>62.13</td><td>150</td><td>360 Peak</td><td>VERTICAL</td></tr></table></div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |        |             |             |        |        |       |        |          | Freq       | Level | Over  | Limit | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos | Remark | Pol/Phas | MHz      | dBuV/m | dB     | dBuV/m | dBuV   | dB/m | dB   | dB | cm | deg |     | 1 | 4886.00 | 55.19   | -18.81 | 74.00  | 74.34 | 34.88 | 8.10  | 62.13 | 150   | 360 Peak | VERTICAL |            |
| Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Over   | Limit  | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos | Remark | Pol/Phas |            |       |       |       |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |        |       |       |       |       |       |          |          |            |
| MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dB     | dBuV/m | dBuV        | dB/m        | dB     | dB     | cm    | deg    |          |            |       |       |       |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |        |       |       |       |       |       |          |          |            |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4886.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 55.19  | -18.81 | 74.00       | 74.34       | 34.88  | 8.10   | 62.13 | 150    | 360 Peak | VERTICAL   |       |       |       |             |             |        |        |       |        |          |          |        |        |        |        |      |      |    |    |     |     |   |         |         |        |        |       |       |       |       |       |          |          |            |



| BT           | 2.4GHz 2400~2483.5MHz Harmonic @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |        |             |             |             |        |        |        |          |            |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|-------------|-------------|-------------|--------|--------|--------|----------|------------|----------|-----|--------|----|--------|------|------|----|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|------------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|-----|--------|----|--------|------|------|----|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|----------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|----------|
| ANT          | BT CH39 2441MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |        |             |             |             |        |        |        |          |            |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| 1            | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Vertical |        |             |             |             |        |        |        |          |            |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| Peak<br>Avg. | <div><p>Site : 03CB05-ES<br/>Condition : FCC PART 15C 3m 3117 SN75957 HORIZONTAL<br/>Project : RBW: 1000.000KHz YBW: 1000.000KHz SWT: Auto (FR)950922</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>4884.00</td><td>52.73</td><td>-21.27</td><td>74.00</td><td>71.85</td><td>34.92</td><td>8.07</td><td>62.11</td><td>100</td><td>360 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>7320.00</td><td>42.50</td><td>-31.50</td><td>74.00</td><td>68.22</td><td>35.30</td><td>9.75</td><td>62.77</td><td>100</td><td>360 Peak</td><td>HORIZONTAL</td></tr></table></div> | Freq     | Level  | Over        | Limit       | ReadAntenna | Cable  | Preamp | A/Pos  | T/Pos    | Remark     | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 4884.00 | 52.73 | -21.27 | 74.00 | 71.85 | 34.92 | 8.07 | 62.11 | 100 | 360 Peak | HORIZONTAL | 2 | 7320.00 | 42.50 | -31.50 | 74.00 | 68.22 | 35.30 | 9.75 | 62.77 | 100 | 360 Peak | HORIZONTAL | <div><p>Site : 03CB05-ES<br/>Condition : FCC PART 15C 3m 3117 SN75957 VERTICAL<br/>Project : RBW: 1000.000KHz YBW: 1000.000KHz SWT: Auto (FR)950922</p><table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>4884.00</td><td>61.69</td><td>-12.31</td><td>74.00</td><td>80.81</td><td>34.92</td><td>8.07</td><td>62.11</td><td>100</td><td>360 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>7320.00</td><td>43.35</td><td>-30.65</td><td>74.00</td><td>61.07</td><td>35.30</td><td>9.75</td><td>62.77</td><td>100</td><td>360 Peak</td><td>VERTICAL</td></tr></table></div> | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 4884.00 | 61.69 | -12.31 | 74.00 | 80.81 | 34.92 | 8.07 | 62.11 | 100 | 360 Peak | VERTICAL | 2 | 7320.00 | 43.35 | -30.65 | 74.00 | 61.07 | 35.30 | 9.75 | 62.77 | 100 | 360 Peak | VERTICAL |
|              | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Level    | Over   | Limit       | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos  | Remark   | Pol/Phas   |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| MHz          | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dB       | dBuV/m | dBuV        | dB/m        | dB          | dB     | cm     | deg    |          |            |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| 1            | 4884.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 52.73    | -21.27 | 74.00       | 71.85       | 34.92       | 8.07   | 62.11  | 100    | 360 Peak | HORIZONTAL |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| 2            | 7320.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 42.50    | -31.50 | 74.00       | 68.22       | 35.30       | 9.75   | 62.77  | 100    | 360 Peak | HORIZONTAL |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| Freq         | Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Over     | Limit  | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos  | Remark | Pol/Phas |            |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| MHz          | dBuV/m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | dB       | dBuV/m | dBuV        | dB/m        | dB          | dB     | cm     | deg    |          |            |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| 1            | 4884.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 61.69    | -12.31 | 74.00       | 80.81       | 34.92       | 8.07   | 62.11  | 100    | 360 Peak | VERTICAL   |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |
| 2            | 7320.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 43.35    | -30.65 | 74.00       | 61.07       | 35.30       | 9.75   | 62.77  | 100    | 360 Peak | VERTICAL   |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |       |      |       |             |       |        |       |       |        |          |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |          |



| BT               | 2.4GHz 2400~2483.5MHz Harmonic @ 3m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |        |        |             |       |                                                                                                                                          |       |       |          |            |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|-------------|-------|------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|----------|------------|-------------|-------|--------|-------|-------|--------|----------|--|-----|--------|----|--------|------|------|----|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|------------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|------|-------|------|-------|-------------|-------|--------|-------|-------|--------|----------|--|-----|--------|----|--------|------|------|----|----|----|-----|--|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|----------|---|---------|-------|--------|-------|-------|-------|------|-------|-----|----------|
| ANT              | BT CH78 2480MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |        |        |             |       |                                                                                                                                          |       |       |          |            |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
| 1                | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |        |        |             |       | Vertical                                                                                                                                 |       |       |          |            |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
| Peak<br><br>Avg. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |        |        |             |       |                                                                                                                                          |       |       |          |            |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
|                  | Site : 03CIB05-KS<br>Condition : FCC PART 15C 3m 3117 SN75957 HORIZONTAL<br>RBW:1000.000KHz VBW:1000.000KHz SWT:Auto<br>Project : FR950922                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |        |        |             |       | Site : 03CIB05-KS<br>Condition : FCC PART 15C 3m 3117 SN75957 VERTICAL<br>RBW:1000.000KHz VBW:1000.000KHz SWT:Auto<br>Project : FR950922 |       |       |          |            |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
|                  | <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>4962.00</td><td>50.15</td><td>-23.85</td><td>74.00</td><td>69.21</td><td>34.97</td><td>8.05</td><td>62.08</td><td>150</td><td>360 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>7440.00</td><td>40.41</td><td>-33.59</td><td>74.00</td><td>57.98</td><td>35.37</td><td>9.84</td><td>62.78</td><td>150</td><td>360 Peak</td><td>HORIZONTAL</td></tr></tbody></table> |        |        |        |             |       |                                                                                                                                          | Freq  | Level | Over     | Limit      | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 4962.00 | 50.15 | -23.85 | 74.00 | 69.21 | 34.97 | 8.05 | 62.08 | 150 | 360 Peak | HORIZONTAL | 2 | 7440.00 | 40.41 | -33.59 | 74.00 | 57.98 | 35.37 | 9.84 | 62.78 | 150 | 360 Peak | HORIZONTAL | <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>4962.00</td><td>60.87</td><td>-13.13</td><td>74.00</td><td>79.93</td><td>34.97</td><td>8.05</td><td>62.08</td><td>150</td><td>360 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>7440.00</td><td>44.32</td><td>-29.68</td><td>74.00</td><td>61.89</td><td>35.37</td><td>9.84</td><td>62.78</td><td>150</td><td>360 Peak</td><td>VERTICAL</td></tr></tbody></table> |  |  |  |  |  |  | Freq | Level | Over | Limit | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | dB | cm | deg |  | 1 | 4962.00 | 60.87 | -13.13 | 74.00 | 79.93 | 34.97 | 8.05 | 62.08 | 150 | 360 Peak | VERTICAL | 2 | 7440.00 | 44.32 | -29.68 | 74.00 | 61.89 | 35.37 | 9.84 | 62.78 | 150 | 360 Peak |
|                  | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Level  | Over   | Limit  | ReadAntenna | Cable | Preamp                                                                                                                                   | A/Pos | T/Pos | Remark   | Pol/Phas   |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
|                  | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dBuV/m | dB     | dBuV/m | dBuV        | dB/m  | dB                                                                                                                                       | dB    | cm    | deg      |            |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
| 1                | 4962.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 50.15  | -23.85 | 74.00  | 69.21       | 34.97 | 8.05                                                                                                                                     | 62.08 | 150   | 360 Peak | HORIZONTAL |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
| 2                | 7440.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 40.41  | -33.59 | 74.00  | 57.98       | 35.37 | 9.84                                                                                                                                     | 62.78 | 150   | 360 Peak | HORIZONTAL |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
|                  | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Level  | Over   | Limit  | ReadAntenna | Cable | Preamp                                                                                                                                   | A/Pos | T/Pos | Remark   | Pol/Phas   |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
|                  | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dBuV/m | dB     | dBuV/m | dBuV        | dB/m  | dB                                                                                                                                       | dB    | cm    | deg      |            |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
| 1                | 4962.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 60.87  | -13.13 | 74.00  | 79.93       | 34.97 | 8.05                                                                                                                                     | 62.08 | 150   | 360 Peak | VERTICAL   |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |
| 2                | 7440.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 44.32  | -29.68 | 74.00  | 61.89       | 35.37 | 9.84                                                                                                                                     | 62.78 | 150   | 360 Peak | VERTICAL   |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |            |   |         |       |        |       |       |       |      |       |     |          |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |  |      |       |      |       |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |    |     |  |   |         |       |        |       |       |       |      |       |     |          |          |   |         |       |        |       |       |       |      |       |     |          |



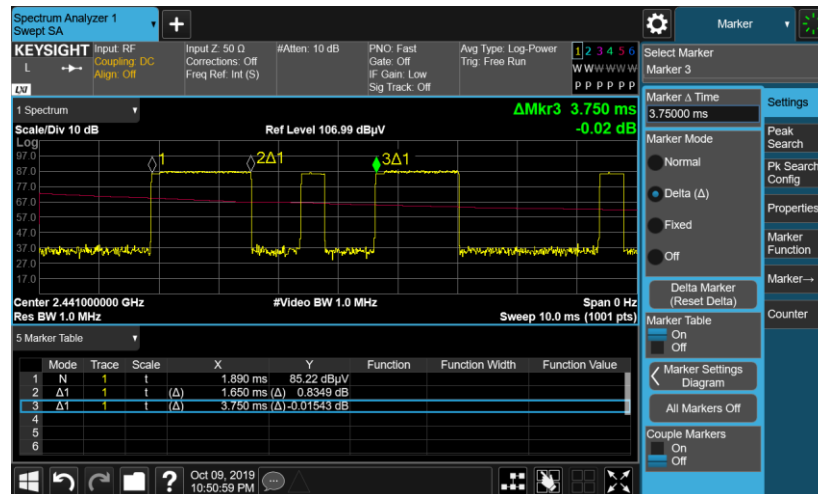
Emission below 1GHz

2.4GHz BT (LF)

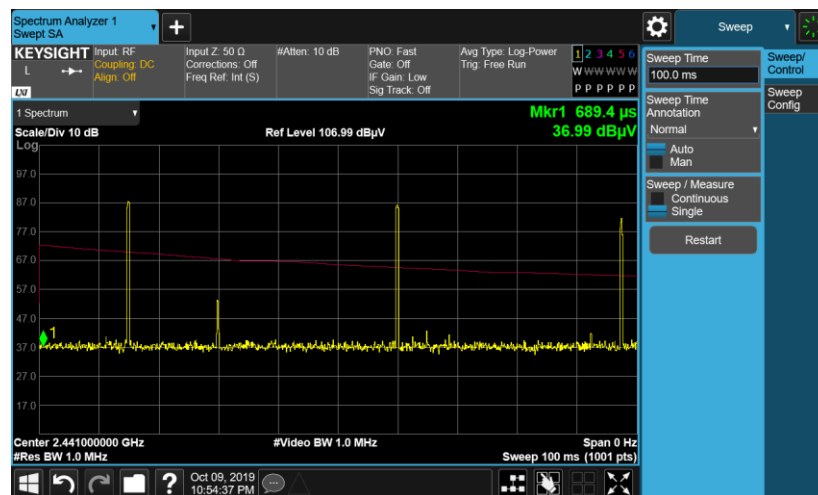
| BT           | 2.4GHz 2400~2483.5MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |        |        |             |             |             |        |        |        |            |          |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |        |       |       |       |      |       |     |      |            |   |       |       |       |       |       |       |      |       |     |        |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |      |       |       |      |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |      |          |   |       |       |       |       |       |       |      |       |     |        |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|--------|-------------|-------------|-------------|--------|--------|--------|------------|----------|----------|--|-----|--------|----|--------|------|------|----|----|-----|--|--|---|-------|-------|--------|-------|-------|-------|------|-------|-----|------|------------|---|-------|-------|-------|-------|-------|-------|------|-------|-----|--------|------------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|------|------------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|------|------------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|------|------------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|-------|-------|------|-------------|-------|--------|-------|-------|--------|----------|--|-----|--------|----|--------|------|------|----|----|-----|--|--|---|-------|-------|-------|-------|-------|-------|------|-------|-----|------|----------|---|-------|-------|-------|-------|-------|-------|------|-------|-----|--------|----------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|------|----------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|------|----------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|------|----------|---|--------|-------|--------|-------|-------|-------|------|-------|-----|------|----------|
| ANT          | BT LF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |        |        |             |             |             |        |        |        |            |          |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |        |       |       |       |      |       |     |      |            |   |       |       |       |       |       |       |      |       |     |        |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |      |       |       |      |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |      |          |   |       |       |       |       |       |       |      |       |     |        |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |
| 1            | Horizontal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Vertical |        |        |             |             |             |        |        |        |            |          |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |        |       |       |       |      |       |     |      |            |   |       |       |       |       |       |       |      |       |     |        |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |      |       |       |      |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |      |          |   |       |       |       |       |       |       |      |       |     |        |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |
| QP /<br>Peak | <div><p>Site : 03CH05-KS<br/>Condition : FCC PART 15C 3m LF 49922-3M HORIZONTAL<br/>REW: 100.000KHz VBW: 300.000KHz SWT: Auto<br/>Project : (FR) 950922</p><table><thead><tr><th>Peak</th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>35.82</td><td>27.85</td><td>-12.15</td><td>40.00</td><td>37.47</td><td>21.62</td><td>0.72</td><td>31.96</td><td>---</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>59.10</td><td>34.57</td><td>-5.43</td><td>40.00</td><td>53.19</td><td>12.44</td><td>0.87</td><td>31.93</td><td>100</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>3</td><td>204.60</td><td>28.38</td><td>-15.12</td><td>43.50</td><td>43.18</td><td>15.45</td><td>1.66</td><td>31.91</td><td>---</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>4</td><td>265.60</td><td>30.45</td><td>-15.55</td><td>46.00</td><td>41.65</td><td>18.90</td><td>1.90</td><td>32.00</td><td>---</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>5</td><td>422.85</td><td>27.94</td><td>-18.06</td><td>46.00</td><td>35.34</td><td>22.45</td><td>2.31</td><td>32.16</td><td>---</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>6</td><td>903.97</td><td>30.66</td><td>-15.34</td><td>46.00</td><td>29.29</td><td>29.33</td><td>3.46</td><td>31.42</td><td>---</td><td>Peak</td><td>HORIZONTAL</td></tr></tbody></table></div> | Peak     | Freq   | Level  | Limit       | Line        | ReadAntenna | Cable  | Preamp | A/Pos  | T/Pos      | Remark   | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 35.82 | 27.85 | -12.15 | 40.00 | 37.47 | 21.62 | 0.72 | 31.96 | --- | Peak | HORIZONTAL | 2 | 59.10 | 34.57 | -5.43 | 40.00 | 53.19 | 12.44 | 0.87 | 31.93 | 100 | 0 Peak | HORIZONTAL | 3 | 204.60 | 28.38 | -15.12 | 43.50 | 43.18 | 15.45 | 1.66 | 31.91 | --- | Peak | HORIZONTAL | 4 | 265.60 | 30.45 | -15.55 | 46.00 | 41.65 | 18.90 | 1.90 | 32.00 | --- | Peak | HORIZONTAL | 5 | 422.85 | 27.94 | -18.06 | 46.00 | 35.34 | 22.45 | 2.31 | 32.16 | --- | Peak | HORIZONTAL | 6 | 903.97 | 30.66 | -15.34 | 46.00 | 29.29 | 29.33 | 3.46 | 31.42 | --- | Peak | HORIZONTAL | <div><p>Site : 03CH05-KS<br/>Condition : FCC PART 15C 3m LF 49922-3M VERTICAL<br/>REW: 100.000KHz VBW: 300.000KHz SWT: Auto<br/>Project : (FR) 950922</p><table><thead><tr><th>Peak</th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>34.85</td><td>32.37</td><td>-7.63</td><td>40.00</td><td>41.50</td><td>22.10</td><td>0.73</td><td>31.96</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>59.10</td><td>36.40</td><td>-3.52</td><td>40.00</td><td>55.10</td><td>12.44</td><td>0.87</td><td>31.93</td><td>100</td><td>0 Peak</td><td>VERTICAL</td></tr><tr><td>3</td><td>134.76</td><td>28.05</td><td>-15.45</td><td>43.50</td><td>41.82</td><td>16.89</td><td>1.28</td><td>31.94</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>4</td><td>217.21</td><td>29.03</td><td>-16.97</td><td>46.00</td><td>42.89</td><td>16.35</td><td>1.71</td><td>31.92</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>5</td><td>440.21</td><td>26.69</td><td>-19.31</td><td>46.00</td><td>33.66</td><td>22.07</td><td>2.36</td><td>32.20</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>6</td><td>958.29</td><td>32.10</td><td>-13.90</td><td>46.00</td><td>28.62</td><td>30.83</td><td>3.56</td><td>30.91</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr></tbody></table></div> | Peak | Freq | Level | Limit | Line | ReadAntenna | Cable | Preamp | A/Pos | T/Pos | Remark | Pol/Phas |  | MHz | dBuV/m | dB | dBuV/m | dBuV | dB/m | dB | cm | deg |  |  | 1 | 34.85 | 32.37 | -7.63 | 40.00 | 41.50 | 22.10 | 0.73 | 31.96 | --- | Peak | VERTICAL | 2 | 59.10 | 36.40 | -3.52 | 40.00 | 55.10 | 12.44 | 0.87 | 31.93 | 100 | 0 Peak | VERTICAL | 3 | 134.76 | 28.05 | -15.45 | 43.50 | 41.82 | 16.89 | 1.28 | 31.94 | --- | Peak | VERTICAL | 4 | 217.21 | 29.03 | -16.97 | 46.00 | 42.89 | 16.35 | 1.71 | 31.92 | --- | Peak | VERTICAL | 5 | 440.21 | 26.69 | -19.31 | 46.00 | 33.66 | 22.07 | 2.36 | 32.20 | --- | Peak | VERTICAL | 6 | 958.29 | 32.10 | -13.90 | 46.00 | 28.62 | 30.83 | 3.56 | 30.91 | --- | Peak | VERTICAL |
|              | Peak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Freq     | Level  | Limit  | Line        | ReadAntenna | Cable       | Preamp | A/Pos  | T/Pos  | Remark     | Pol/Phas |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |        |       |       |       |      |       |     |      |            |   |       |       |       |       |       |       |      |       |     |        |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |      |       |       |      |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |      |          |   |       |       |       |       |       |       |      |       |     |        |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |
|              | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dBuV/m   | dB     | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg    |        |            |          |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |        |       |       |       |      |       |     |      |            |   |       |       |       |       |       |       |      |       |     |        |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |      |       |       |      |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |      |          |   |       |       |       |       |       |       |      |       |     |        |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |
| 1            | 35.82                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 27.85    | -12.15 | 40.00  | 37.47       | 21.62       | 0.72        | 31.96  | ---    | Peak   | HORIZONTAL |          |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |        |       |       |       |      |       |     |      |            |   |       |       |       |       |       |       |      |       |     |        |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |      |       |       |      |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |      |          |   |       |       |       |       |       |       |      |       |     |        |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |
| 2            | 59.10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 34.57    | -5.43  | 40.00  | 53.19       | 12.44       | 0.87        | 31.93  | 100    | 0 Peak | HORIZONTAL |          |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |        |       |       |       |      |       |     |      |            |   |       |       |       |       |       |       |      |       |     |        |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |      |       |       |      |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |      |          |   |       |       |       |       |       |       |      |       |     |        |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |
| 3            | 204.60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 28.38    | -15.12 | 43.50  | 43.18       | 15.45       | 1.66        | 31.91  | ---    | Peak   | HORIZONTAL |          |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |        |       |       |       |      |       |     |      |            |   |       |       |       |       |       |       |      |       |     |        |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |      |       |       |      |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |      |          |   |       |       |       |       |       |       |      |       |     |        |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |
| 4            | 265.60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 30.45    | -15.55 | 46.00  | 41.65       | 18.90       | 1.90        | 32.00  | ---    | Peak   | HORIZONTAL |          |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |        |       |       |       |      |       |     |      |            |   |       |       |       |       |       |       |      |       |     |        |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |      |       |       |      |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |      |          |   |       |       |       |       |       |       |      |       |     |        |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |
| 5            | 422.85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 27.94    | -18.06 | 46.00  | 35.34       | 22.45       | 2.31        | 32.16  | ---    | Peak   | HORIZONTAL |          |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |        |       |       |       |      |       |     |      |            |   |       |       |       |       |       |       |      |       |     |        |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |      |       |       |      |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |      |          |   |       |       |       |       |       |       |      |       |     |        |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |
| 6            | 903.97                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 30.66    | -15.34 | 46.00  | 29.29       | 29.33       | 3.46        | 31.42  | ---    | Peak   | HORIZONTAL |          |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |        |       |       |       |      |       |     |      |            |   |       |       |       |       |       |       |      |       |     |        |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |      |       |       |      |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |      |          |   |       |       |       |       |       |       |      |       |     |        |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |
| Peak         | Freq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Level    | Limit  | Line   | ReadAntenna | Cable       | Preamp      | A/Pos  | T/Pos  | Remark | Pol/Phas   |          |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |        |       |       |       |      |       |     |      |            |   |       |       |       |       |       |       |      |       |     |        |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |      |       |       |      |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |      |          |   |       |       |       |       |       |       |      |       |     |        |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |
|              | MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | dBuV/m   | dB     | dBuV/m | dBuV        | dB/m        | dB          | cm     | deg    |        |            |          |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |        |       |       |       |      |       |     |      |            |   |       |       |       |       |       |       |      |       |     |        |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |      |       |       |      |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |      |          |   |       |       |       |       |       |       |      |       |     |        |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |
| 1            | 34.85                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 32.37    | -7.63  | 40.00  | 41.50       | 22.10       | 0.73        | 31.96  | ---    | Peak   | VERTICAL   |          |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |        |       |       |       |      |       |     |      |            |   |       |       |       |       |       |       |      |       |     |        |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |      |       |       |      |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |      |          |   |       |       |       |       |       |       |      |       |     |        |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |
| 2            | 59.10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 36.40    | -3.52  | 40.00  | 55.10       | 12.44       | 0.87        | 31.93  | 100    | 0 Peak | VERTICAL   |          |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |        |       |       |       |      |       |     |      |            |   |       |       |       |       |       |       |      |       |     |        |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |      |       |       |      |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |      |          |   |       |       |       |       |       |       |      |       |     |        |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |
| 3            | 134.76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 28.05    | -15.45 | 43.50  | 41.82       | 16.89       | 1.28        | 31.94  | ---    | Peak   | VERTICAL   |          |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |        |       |       |       |      |       |     |      |            |   |       |       |       |       |       |       |      |       |     |        |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |      |       |       |      |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |      |          |   |       |       |       |       |       |       |      |       |     |        |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |
| 4            | 217.21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 29.03    | -16.97 | 46.00  | 42.89       | 16.35       | 1.71        | 31.92  | ---    | Peak   | VERTICAL   |          |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |        |       |       |       |      |       |     |      |            |   |       |       |       |       |       |       |      |       |     |        |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |      |       |       |      |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |      |          |   |       |       |       |       |       |       |      |       |     |        |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |
| 5            | 440.21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 26.69    | -19.31 | 46.00  | 33.66       | 22.07       | 2.36        | 32.20  | ---    | Peak   | VERTICAL   |          |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |        |       |       |       |      |       |     |      |            |   |       |       |       |       |       |       |      |       |     |        |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |      |       |       |      |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |      |          |   |       |       |       |       |       |       |      |       |     |        |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |
| 6            | 958.29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 32.10    | -13.90 | 46.00  | 28.62       | 30.83       | 3.56        | 30.91  | ---    | Peak   | VERTICAL   |          |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |        |       |       |       |      |       |     |      |            |   |       |       |       |       |       |       |      |       |     |        |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |   |        |       |        |       |       |       |      |       |     |      |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |      |       |       |      |             |       |        |       |       |        |          |  |     |        |    |        |      |      |    |    |     |  |  |   |       |       |       |       |       |       |      |       |     |      |          |   |       |       |       |       |       |       |      |       |     |        |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |   |        |       |        |       |       |       |      |       |     |      |          |

## Appendix E. Duty Cycle Plots

### 3DH5 on time (One Pulse) Plot on Channel 39



### 33DH5 on time (Count Pulses) Plot on Channel 39



#### Note:

1. Worst case Duty cycle = on time/100 milliseconds =  $3 * 1.65 / 100 = 4.95 \%$
2. Worst case Duty cycle correction factor =  $20 * \log(\text{Duty cycle}) = -26.11 \text{ dB}$
3. 3DH5 has the highest duty cycle worst case and is reported.