

| Test Result –1GHz to 18 GHz |                      |                    |                                |        |         | NON RESTRICTED BAND – PEAK |                                   |        |         |
|-----------------------------|----------------------|--------------------|--------------------------------|--------|---------|----------------------------|-----------------------------------|--------|---------|
| Channel                     | Measured Fundamental | Spurious Frequency | Measured Field Strength - Peak | Height | Azimuth | Ant Pol                    | Peak Limit [ Fundamental – 20dBc] | Margin | Results |
| #                           | dBμV/m               | GHz                | dBuV                           | cm     | deg     | H / V                      | dBuV/m                            | dB     |         |
| 1                           | 100.2                | 1.80               | 66.3                           | 250.0  | 17.0    | H                          | 80.2                              | 13.9   | PASS    |
| 1                           | 100.2                | 6.32               | 64.9                           | 200.0  | 354.0   | H                          | 80.2                              | 15.3   | PASS    |
| 1                           | 100.2                | 7.23               | 60.9                           | 200.0  | 326.0   | H                          | 80.2                              | 19.3   | PASS    |
| 1                           | 100.2                | 1.80               | 66.2                           | 101.0  | 162.0   | V                          | 80.2                              | 14     | PASS    |
| 1                           | 100.2                | 6.32               | 58.4                           | 200.0  | 299.0   | V                          | 80.2                              | 21.8   | PASS    |
| 1                           | 100.2                | 7.23               | 54.6                           | 200.0  | 34.0    | V                          | 80.2                              | 25.6   | PASS    |
|                             |                      |                    |                                |        |         |                            |                                   |        |         |
| 27                          | 98.9                 | 1832               | 63.8                           | 100.0  | 143.0   | H                          | 78.9                              | 15.1   | PASS    |
| 27                          | 98.9                 | 6414               | 66.1                           | 200.0  | 0.0     | H                          | 78.9                              | 12.8   | PASS    |
| 27                          | 98.9                 | 5498               | 56.4                           | 200.0  | 237.0   | H                          | 78.9                              | 22.5   | PASS    |
| 27                          | 98.9                 | 1832               | 63.7                           | 100.0  | 203.0   | V                          | 78.9                              | 15.2   | PASS    |
| 27                          | 98.9                 | 2430               | 49.2                           | 100.0  | 0.0     | V                          | 78.9                              | 29.7   | PASS    |
| 27                          | 98.9                 | 5498               | 54.0                           | 250.0  | 327.0   | V                          | 78.9                              | 24.9   | PASS    |
| 27                          | 98.9                 | 6414               | 58.8                           | 200.0  | 293.0   | V                          | 78.9                              | 20.1   | PASS    |
|                             |                      |                    |                                |        |         |                            |                                   |        |         |
| 52                          | 99.2                 | 1853               | 65.1                           | 150.0  | 31.0    | H                          | 79.2                              | 14.1   | PASS    |
| 52                          | 99.2                 | 1961               | 51.1                           | 200.0  | 335.0   | H                          | 79.2                              | 28.1   | PASS    |
| 52                          | 99.2                 | 5558               | 54.2                           | 200.0  | 58.0    | H                          | 79.2                              | 25     | PASS    |
| 52                          | 99.2                 | 6484               | 64.8                           | 200.0  | 345.0   | H                          | 79.2                              | 14.4   | PASS    |
| 52                          | 99.2                 | 1852               | 63.4                           | 200.0  | 280.0   | V                          | 79.2                              | 15.8   | PASS    |
| 52                          | 99.2                 | 5559               | 50.4                           | 250.0  | 6.0     | V                          | 79.2                              | 28.8   | PASS    |
| 52                          | 99.2                 | 6485               | 56.5                           | 200.0  | 345.0   | V                          | 79.2                              | 22.7   | PASS    |
|                             |                      |                    |                                |        |         |                            |                                   |        |         |

Note :

Measured Field Strength - Peak (dBuV/m) = Receiver Readings (dBuV) + Antenna Factor (dB/m) + Cable loss (dB) + Filter Insertion loss (dB) – Ext. Pre amplifier Gain (dB)

## TEST SETUP PHOTOGRAPH

Refer Annexure -1

**Radiated Emission Test setup**

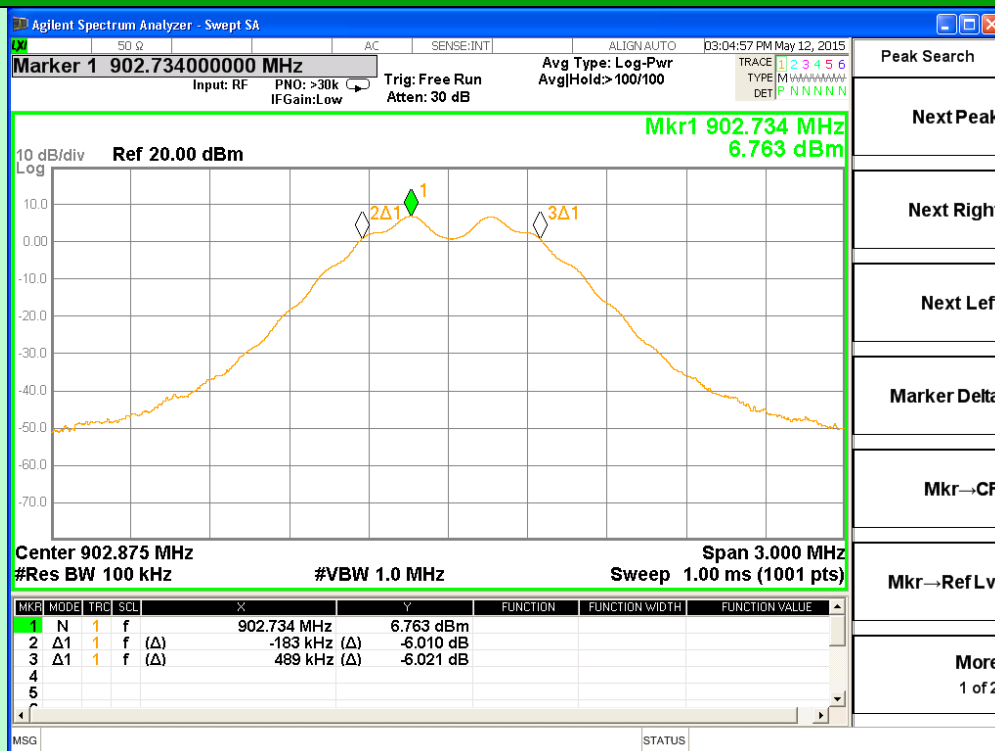
### 3 DTS CHANNELS

#### 3.1 DTS 6dB BANDWIDTH

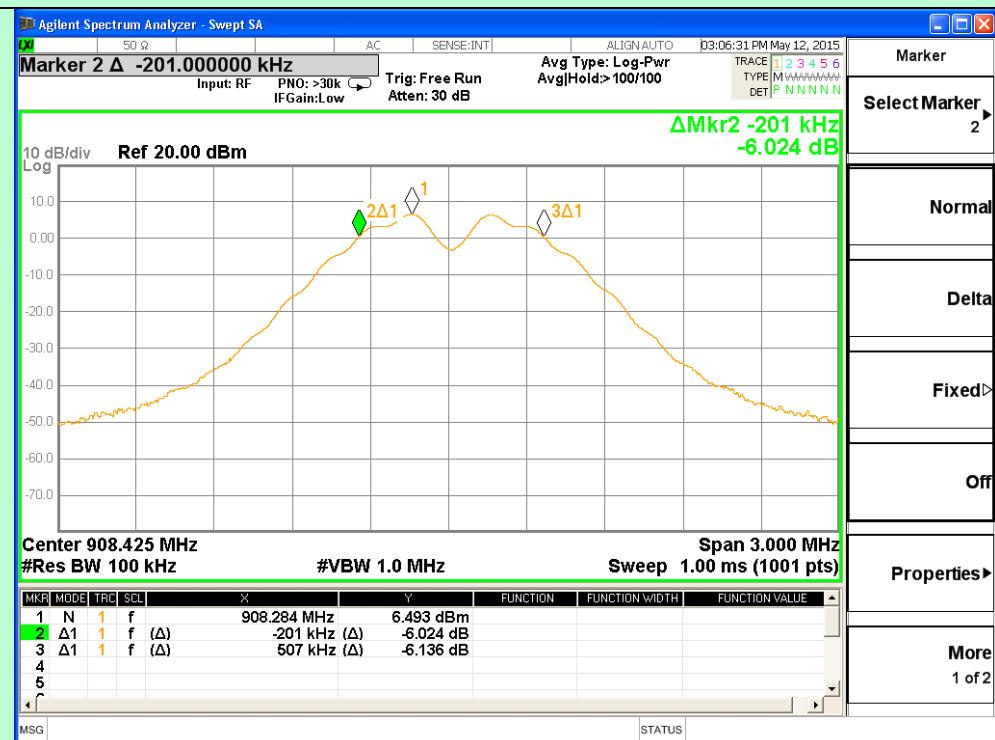
|                             |                                                                                   |                             |            |
|-----------------------------|-----------------------------------------------------------------------------------|-----------------------------|------------|
| <b>EUT Nomenclature</b>     | Wireless Relay Module                                                             | <b>Test Report No.</b>      | EMC-0379-1 |
| <b>Model No.</b>            | FW-RM                                                                             | <b>Serial No.</b>           | 11932      |
| <b>Test Start Date</b>      | 12-May-2015                                                                       | <b>Temperature (°C)</b>     | 24.2       |
| <b>Test End Date</b>        | 12-May-2015                                                                       | <b>Humidity RH (%)</b>      | 55.5       |
| <b>Tested By</b>            | Sasikala Subramani                                                                | <b>Pressure (mbar)</b>      | NR         |
| <b>Input Voltage / Freq</b> | 3.3 Vdc                                                                           |                             |            |
| <b>Operating Mode</b>       | Refer Page 5 Operating Mode #1                                                    |                             |            |
| <b>Test configuration</b>   | Refer Page 5 Test Configuration #1                                                |                             |            |
| <b>Deviation from Std</b>   | NA                                                                                |                             |            |
| <b>Applicable standard</b>  | FCC Part 15.247 : 2010                                                            |                             |            |
| <b>Test Method</b>          | KDB 558074                                                                        |                             |            |
| <b>Comment</b>              |                                                                                   |                             |            |
| <b>TEST DETAILS</b>         |                                                                                   |                             |            |
| <b>Method</b>               | <input checked="" type="checkbox"/> Conducted , <input type="checkbox"/> Radiated |                             |            |
| <b>TEST PARAMETERS</b>      |                                                                                   |                             |            |
| <b>Antenna Height</b>       | NA                                                                                | <b>Turntable Rotation</b>   | NA         |
| <b>Equipment Class</b>      | NA                                                                                | <b>Measurement Distance</b> | NA         |

| TEST EQUIPMENT |                   |               |             |               |              |
|----------------|-------------------|---------------|-------------|---------------|--------------|
| Y/N            | Equipment         | Make          | Model       | Serial Number | Cal Due Date |
| Y              | Spectrum Analyzer | Agilent       | N9010A      | MY48031005    | 29-Nov-2015  |
| Y              | RF Cable          | Huber- Suhner | SUCOFLEX104 | MY14404/04    | 04-Feb -2016 |

## TEST GRAPHS



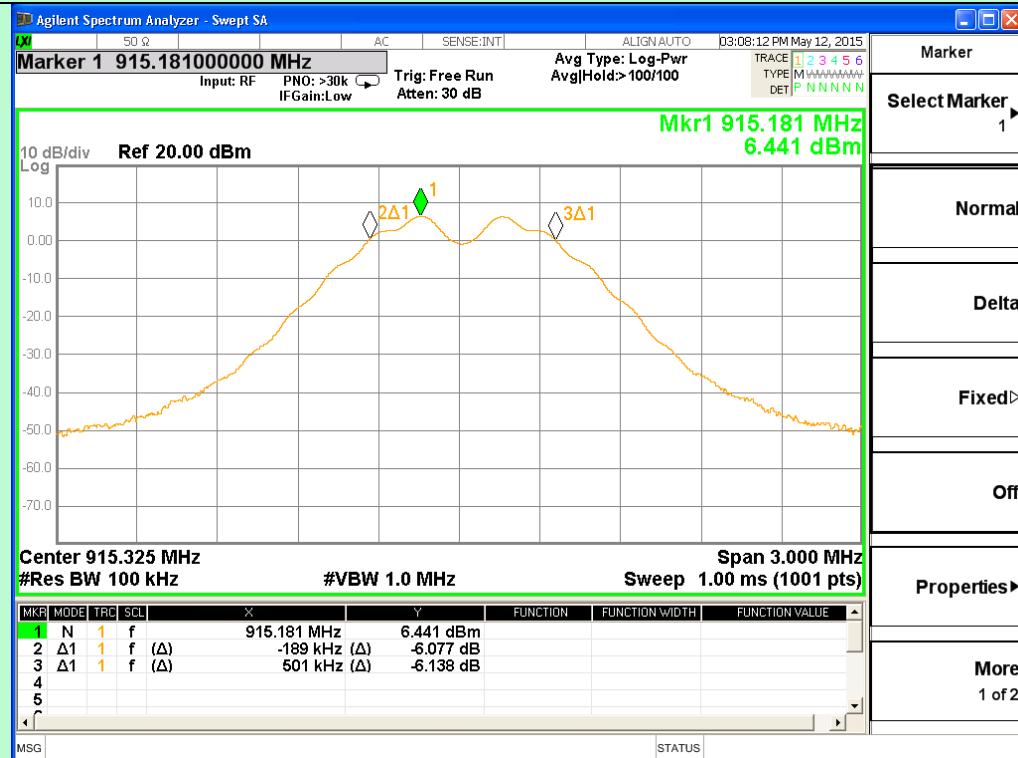
Channel 1 (902.875MHz)



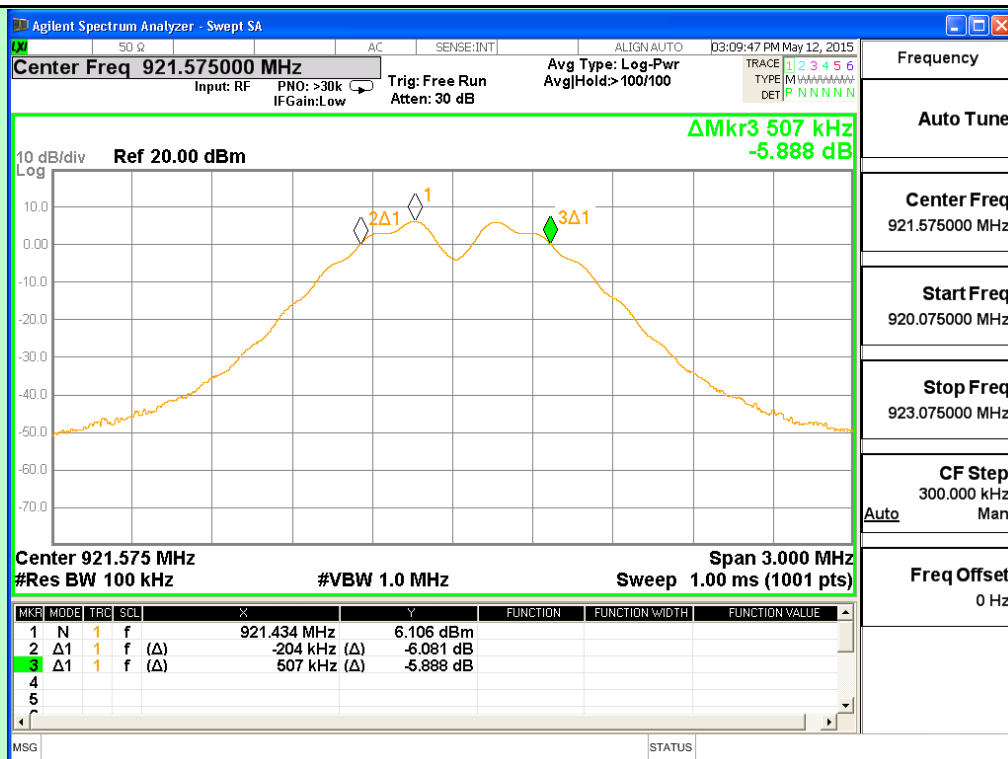
Channel 2 (908.425MHz)



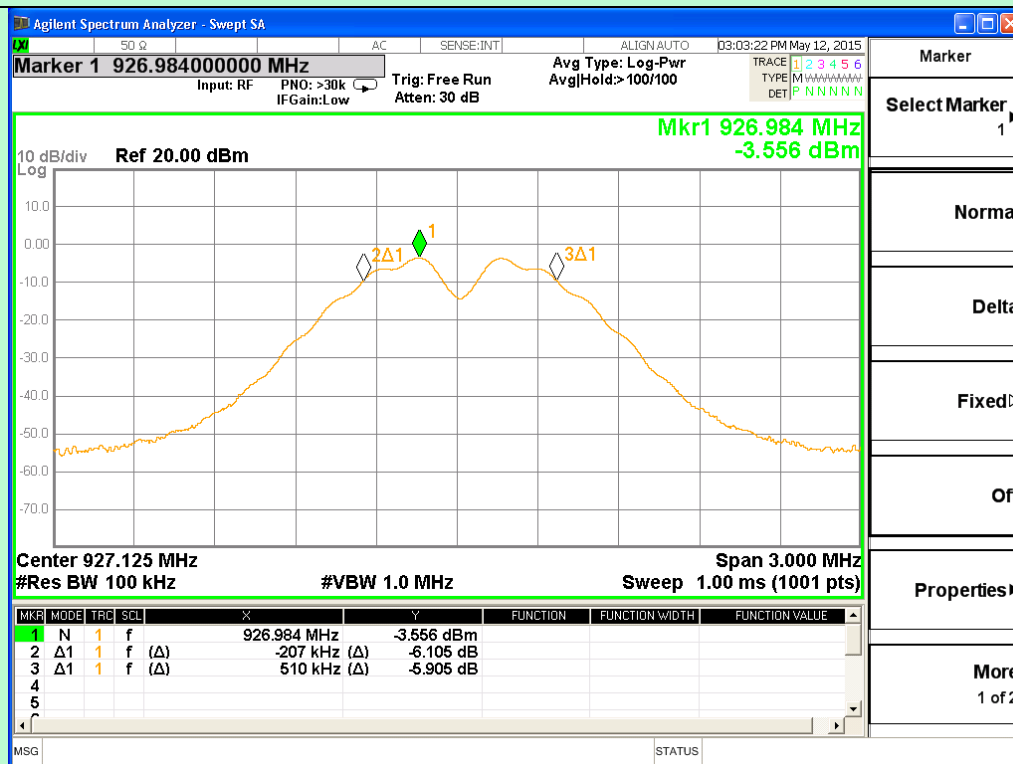
Channel 3 (914.325 MHz)



Channel 4 (915.325 MHz)



Channel 5 (921.575 MHz)



Channel 6 (927.125 MHz)

| TEST RESULT |           |                |       |        |
|-------------|-----------|----------------|-------|--------|
| Channel     | Frequency | Measured Value | Limit | Result |
| #           | MHz       | KHz            | KHz   |        |
| 1           | 902.875   | 672            | >500  | PASS   |
| 2           | 908.425   | 708            | >500  | PASS   |
| 3           | 914.325   | 768            | >500  | PASS   |
| 4           | 915.325   | 690            | >500  | PASS   |
| 5           | 921.575   | 711            | >500  | PASS   |
| 6           | 927.125   | 717            | >500  | PASS   |

| TEST SETUP PHOTOGRAPH   |  |
|-------------------------|--|
| Refer Annexure -1       |  |
| Conducted RF Test setup |  |

### 3.2 MAXIMUM PEAK CONDUCTED OUTPUT POWER

|                      |                                    |                  |            |
|----------------------|------------------------------------|------------------|------------|
| EUT Nomenclature     | Wireless Relay Module              | Test Report No.  | EMC-0379-1 |
| Model No.            | FW-RM                              | Serial No.       | 11932      |
| Test Start Date      | 12-May-2015                        | Temperature (°C) | 23.3       |
| Test End Date        | 12-May-2015                        | Humidity RH (%)  | 55.4       |
| Tested By            | Sasikala Subramani                 | Pressure (mbar)  | NR         |
| Input Voltage / Freq | 3.3 Vdc                            |                  |            |
| Operating Mode       | Refer Page 5 Operating Mode #1     |                  |            |
| Test configuration   | Refer Page 5 Test Configuration #1 |                  |            |
| Deviation from Std   | NA                                 |                  |            |
| Applicable standard  | FCC Part 15.247 : 2010             |                  |            |
| Test Method          | KDB 558074                         |                  |            |
| Comment              |                                    |                  |            |

#### TEST DETAILS

|        |                                                                                   |                 |                                                                                  |
|--------|-----------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------|
| Method | <input checked="" type="checkbox"/> Conducted , <input type="checkbox"/> Radiated | DTS - Bandwidth | <input checked="" type="checkbox"/> RBW ≥ DTS <input type="checkbox"/> RBW ≤ DTS |
|--------|-----------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------|

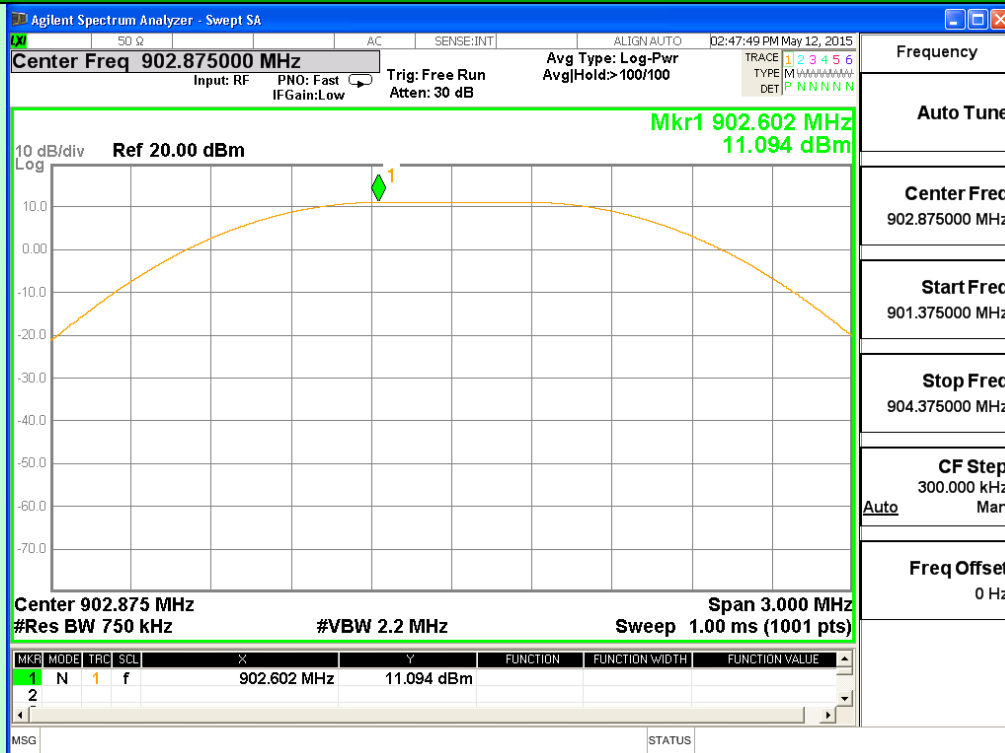
#### TEST PARAMETERS

|                 |    |                      |    |
|-----------------|----|----------------------|----|
| Antenna Height  | NA | Turntable Rotation   | NA |
| Equipment Class | NA | Measurement Distance | NA |

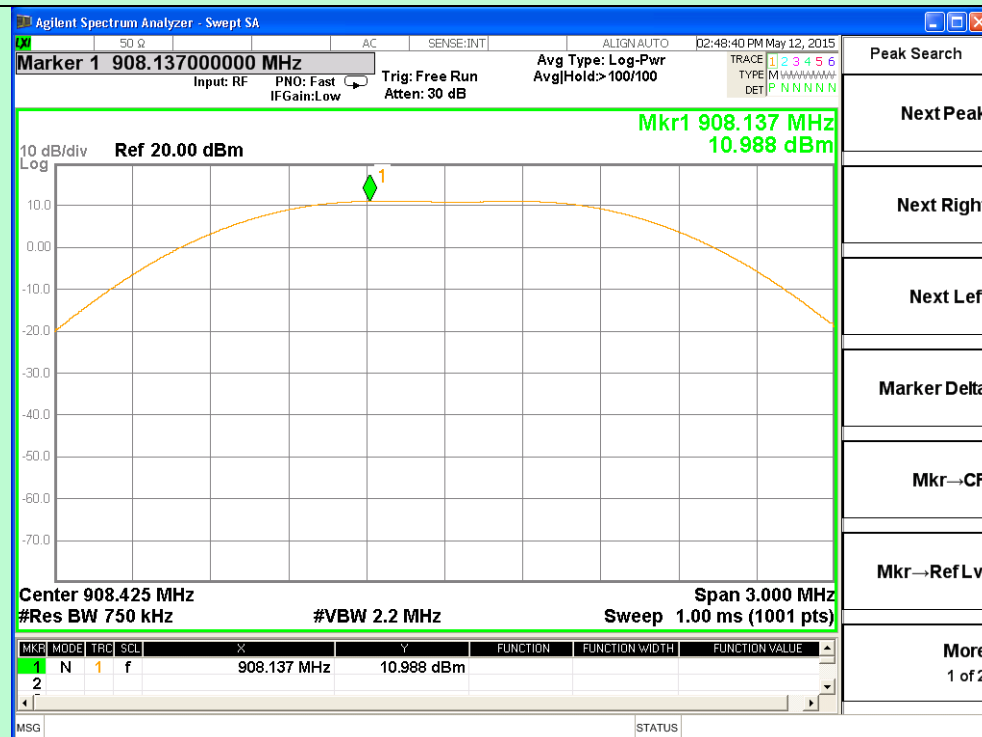
#### TEST EQUIPMENT

| Y/N | Equipment         | Make          | Model       | SI No      | Cal Due Date |
|-----|-------------------|---------------|-------------|------------|--------------|
| Y   | Spectrum Analyzer | Agilent       | N9010A      | MY48031005 | 29-Nov-2015  |
| Y   | RF Cable          | Huber- Suhner | SUCOFLEX104 | MY14404/04 | 04-Feb -2016 |

## TEST GRAPHS

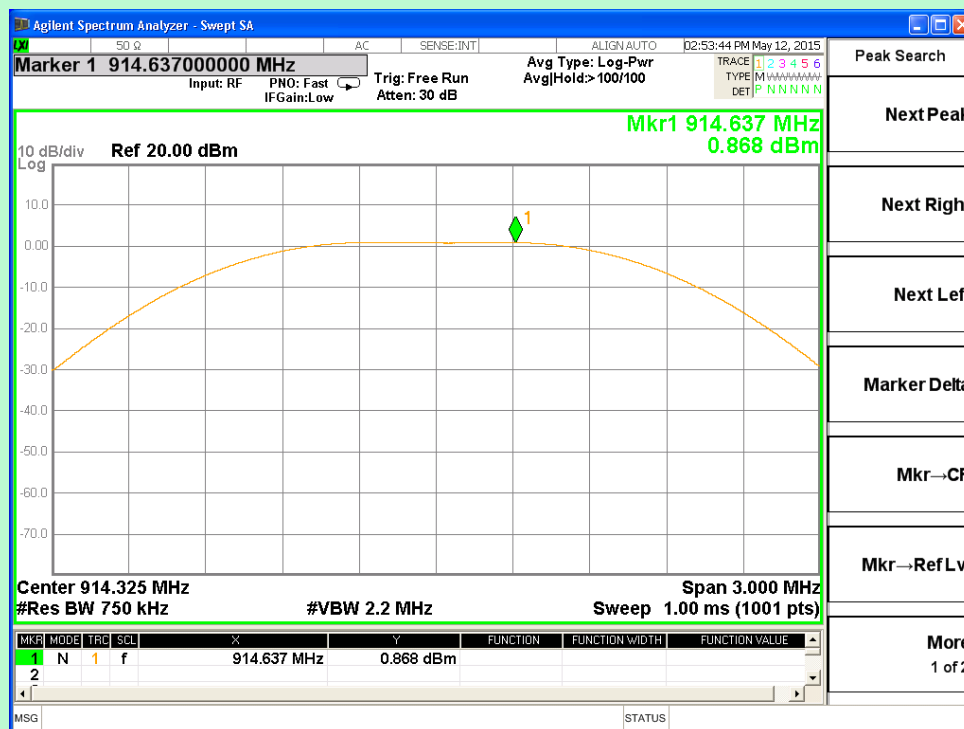


Channel 1 (902.875MHz)

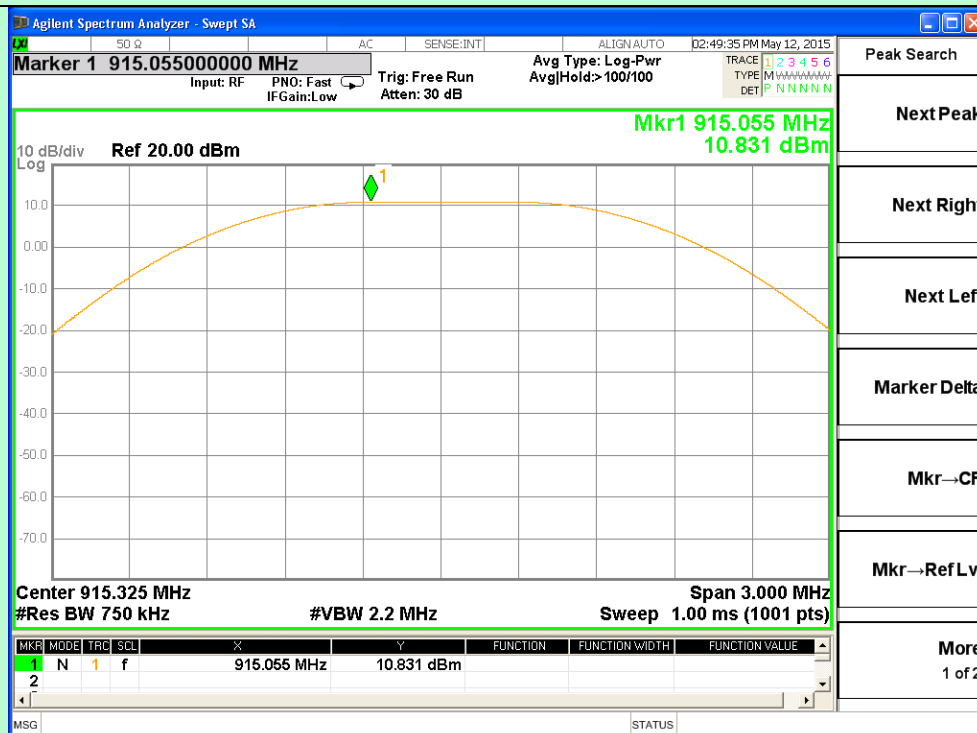


Channel 2 (908.425MHz)

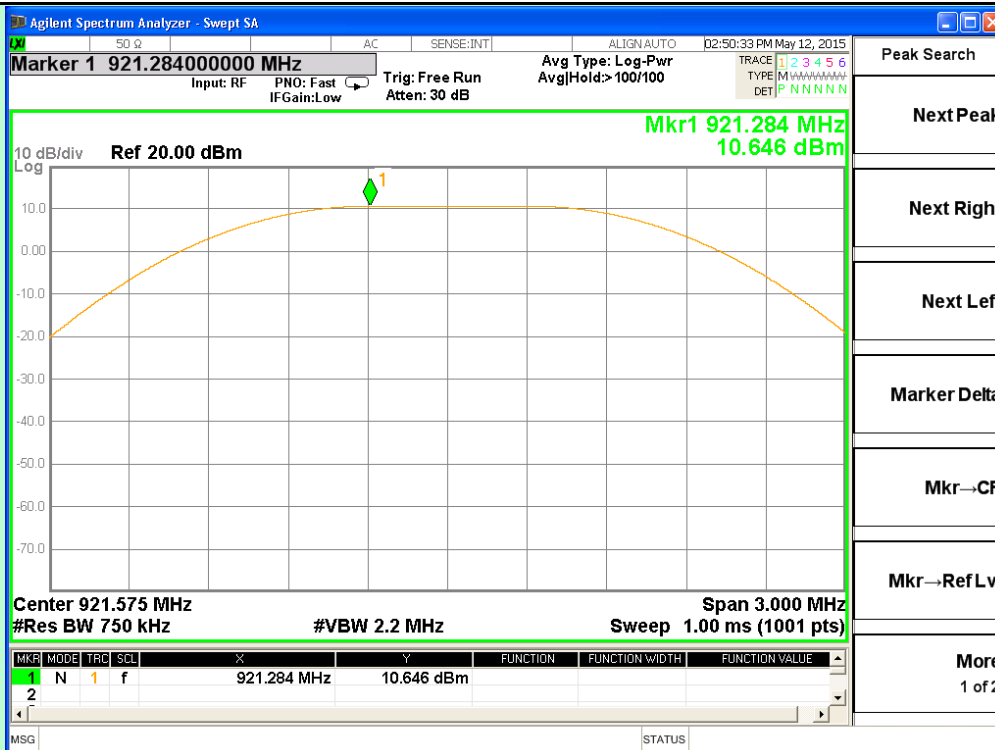




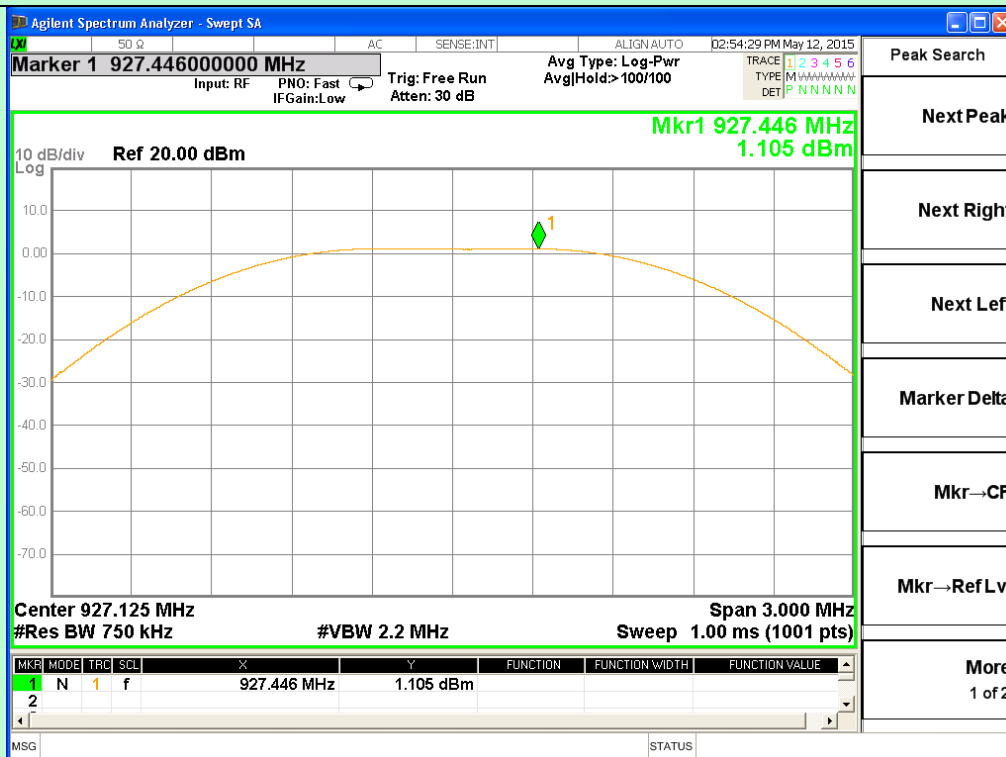
Channel 3 (914.325MHz)



Channel 4 (915.325MHz)



Channel 5 (921.575MHz)



Channel 6 (927.125MHz)

| TEST RESULT |           |                |            |                                |       |        |
|-------------|-----------|----------------|------------|--------------------------------|-------|--------|
| Channel     | Frequency | Measured Level | Cable Loss | Transmitter Output Power Level | Limit | Result |
| #           | MHz       | dBm            | dB         | dBm                            | dBm   |        |
| 1           | 902.875   | 11.094         | 0.5        | 11.594                         | <=30  | PASS   |
| 2           | 908.425   | 10.988         | 0.5        | 11.488                         | <=30  | PASS   |
| 3           | 914.325   | 0.868          | 0.5        | 1.368                          | <=30  | PASS   |
| 4           | 915.325   | 10.831         | 0.5        | 11.331                         | <=30  | PASS   |
| 5           | 921.575   | 10.646         | 0.5        | 11.146                         | <=30  | PASS   |
| 6           | 927.125   | 1.105          | 0.5        | 1.605                          | <=30  | PASS   |

| TEST SETUP PHOTOGRAPH   |  |
|-------------------------|--|
| Refer Annexure -1       |  |
| Conducted RF Test setup |  |

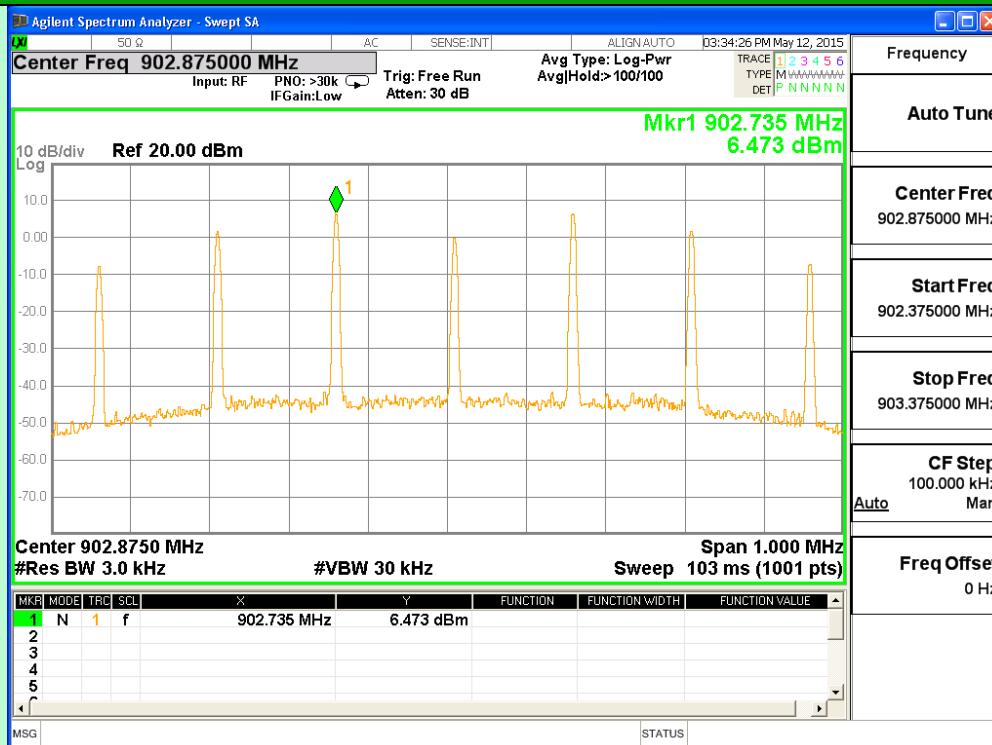
**3.3 MAXIMUM POWER SPECTRAL DENSITY**

|                             |                                                                                 |                             |            |
|-----------------------------|---------------------------------------------------------------------------------|-----------------------------|------------|
| <b>EUT Nomenclature</b>     | Wireless Relay Module                                                           | <b>Test Report No</b>       | EMC-0379-1 |
| <b>Model No</b>             | FW-RM                                                                           | <b>Serial No</b>            | 11932      |
| <b>Test Start Date</b>      | 12-May-2015                                                                     | <b>Temperature (°C)</b>     | 23.3       |
| <b>Test End Date</b>        | 12-May-2015                                                                     | <b>Humidity RH (%)</b>      | 55.2       |
| <b>Tested By</b>            | Sasikala Subramani                                                              | <b>Pressure (mbar)</b>      | NR         |
| <b>Input Voltage / Freq</b> | 3.3 Vdc                                                                         |                             |            |
| <b>Operating Mode</b>       | Refer Page 5 Operating Mode #1                                                  |                             |            |
| <b>Test configuration</b>   | Refer Page 5 Test Configuration #1                                              |                             |            |
| <b>Deviation from Std</b>   | NA                                                                              |                             |            |
| <b>Applicable standard</b>  | FCC Part15.247 : 2010                                                           |                             |            |
| <b>Test Method</b>          | KDB 558074                                                                      |                             |            |
| <b>Comment</b>              |                                                                                 |                             |            |
| <b>TEST DETAILS</b>         |                                                                                 |                             |            |
| <b>Method</b>               | <input checked="" type="checkbox"/> Conducted <input type="checkbox"/> Radiated |                             |            |
| <b>TEST PARAMETERS</b>      |                                                                                 |                             |            |
| <b>Antenna Height</b>       | NA                                                                              | <b>Turntable Rotation</b>   | NA         |
| <b>Equipment Class</b>      | NA                                                                              | <b>Measurement Distance</b> | NA         |

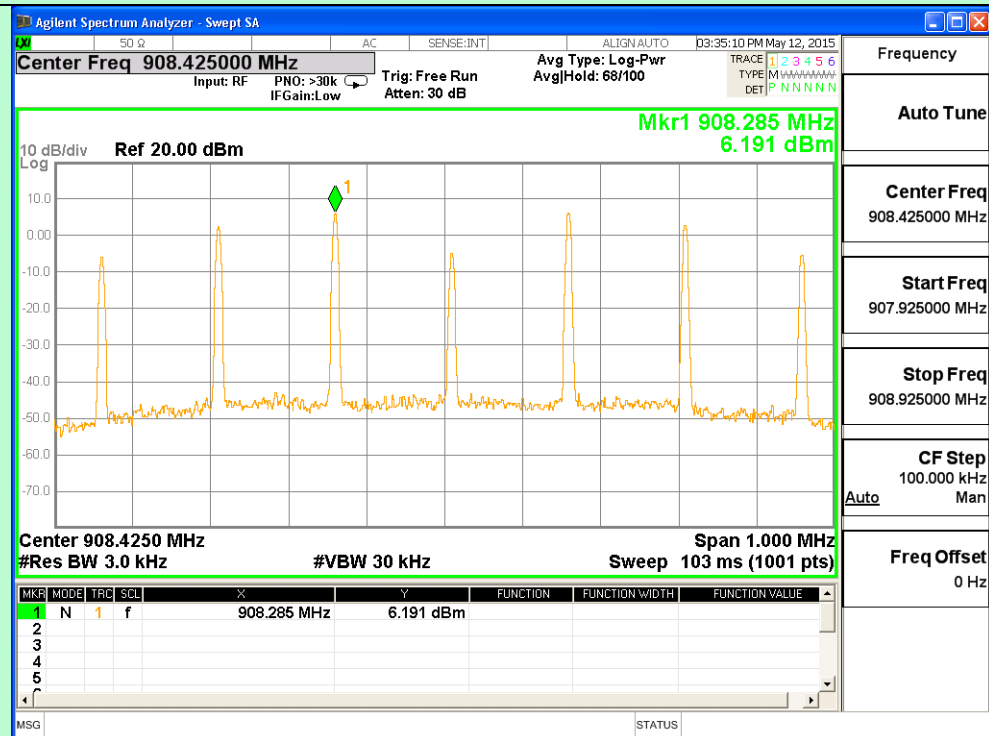
**TEST EQUIPMENT**

| Y/N | Equipment         | Make          | Model       | Sl. No     | Cal Due Date |
|-----|-------------------|---------------|-------------|------------|--------------|
| Y   | Spectrum Analyzer | Agilent       | N9010A      | MY48031005 | 29-Nov-2015  |
| Y   | RF Cable          | Huber- Suhner | SUCOFLEX104 | MY14404/04 | 04-Feb -2016 |

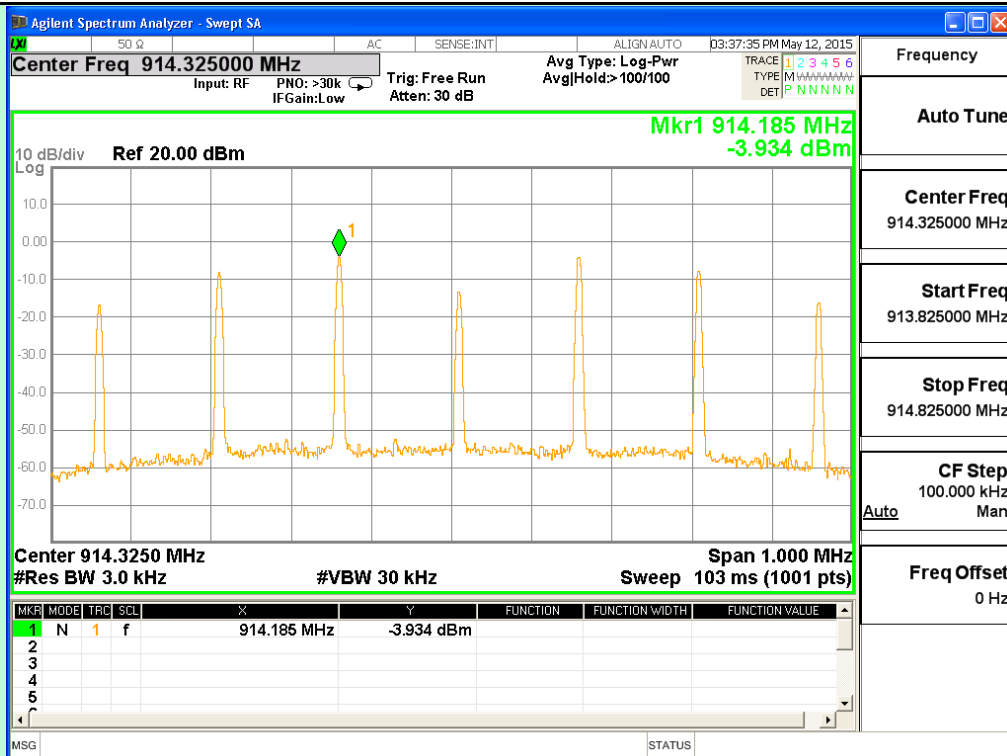
## TEST GRAPHS



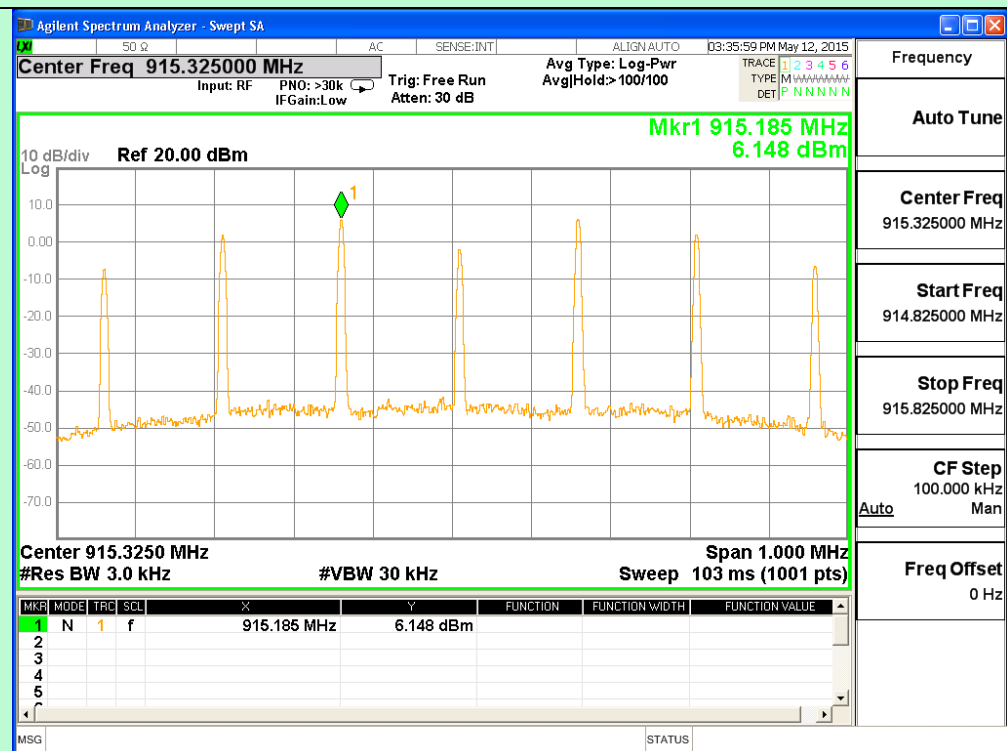
Channel 1 (902.875 MHz)



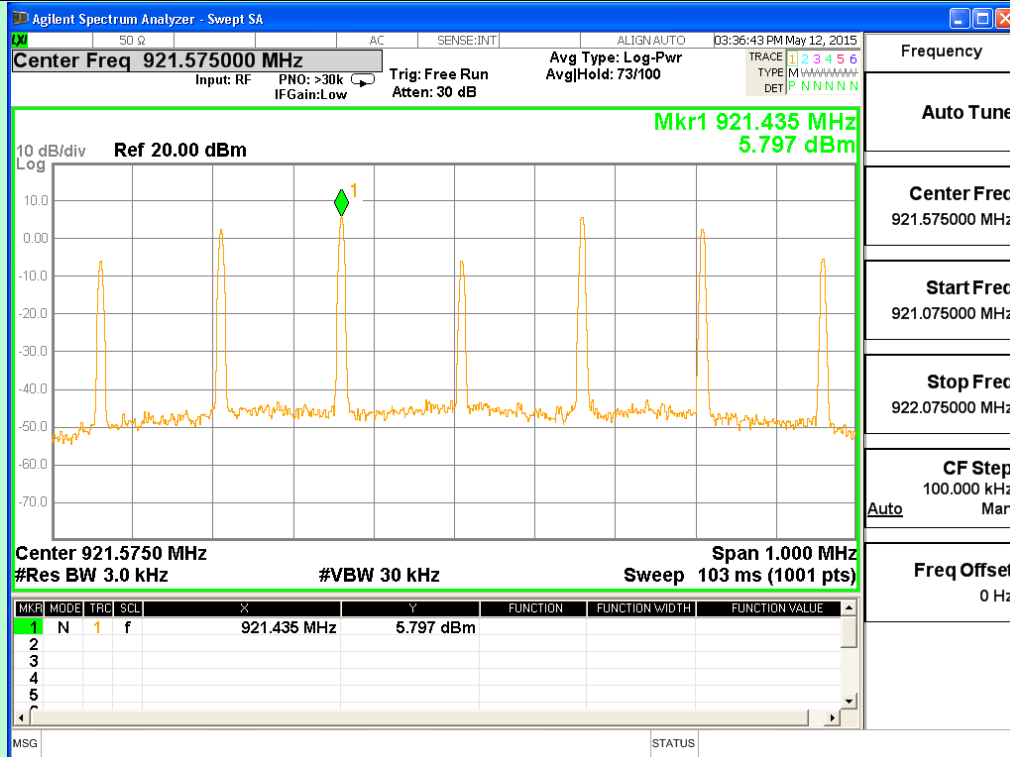
Channel 2 (908.425MHz)



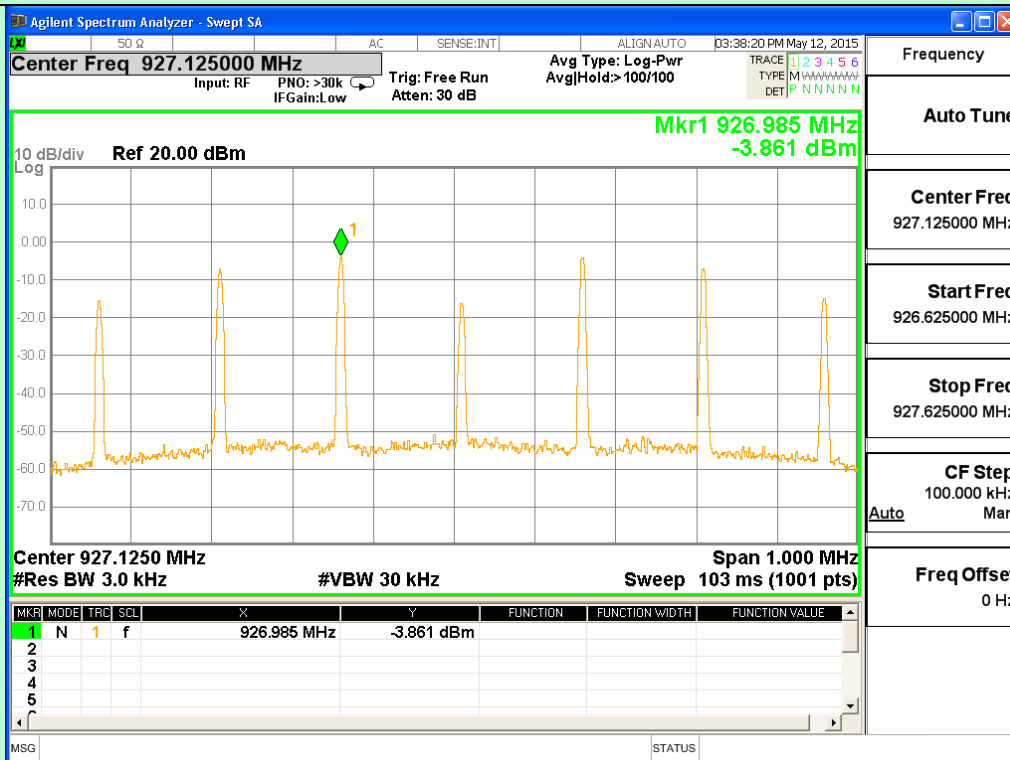
Channel 3 (914.325 MHz)



Channel 4 (915.325 MHz)



Channel 5 (921.575 MHz)



Channel 6 (927.125 MHz)

| TEST RESULT |         |                |          |        |
|-------------|---------|----------------|----------|--------|
| Channel     | Freq    | Measured Level | Limit    | Result |
| #           | MHz     | dBm/3KHz       | dBm/3KHz |        |
| 1           | 902.875 | 6.473          | < 8      | PASS   |
| 2           | 908.425 | 6.191          | < 8      | PASS   |
| 3           | 914.325 | -3.934         | < 8      | PASS   |
| 4           | 915.325 | 6.148          | < 8      | PASS   |
| 5           | 921.575 | 5.797          | < 8      | PASS   |
| 6           | 927.125 | -3.861         | < 8      | PASS   |
|             |         |                |          |        |

| TEST SETUP PHOTOGRAPH   |  |
|-------------------------|--|
| Refer Annexure -1       |  |
| Conducted RF Test setup |  |



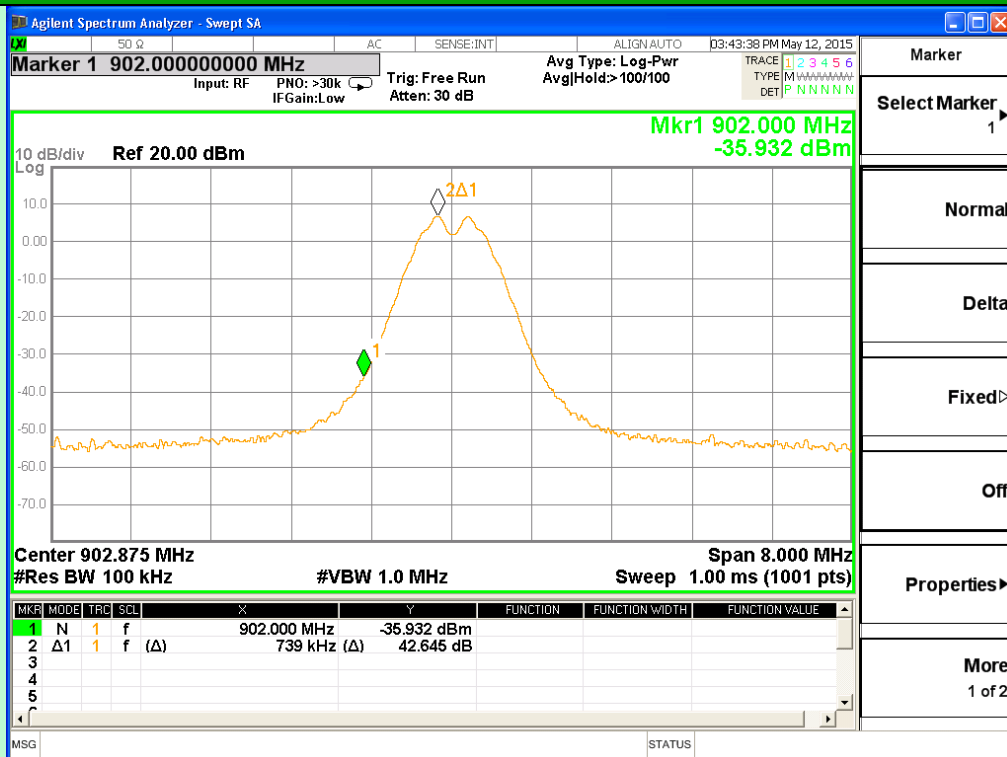
## 3.4 BAND-EDGE MEASUREMENTS

|                        |                                               |                                   |            |
|------------------------|-----------------------------------------------|-----------------------------------|------------|
| EUT Nomenclature       | Wireless Relay Module                         | Test Report No.                   | EMC-0379-1 |
| Model No.              | FW-RM                                         | Serial No.                        | 11932      |
| Test Start Date        | 12-May-2015                                   | Temperature (°C)                  | 23.1       |
| Test End Date          | 12-May-2015                                   | Humidity RH (%)                   | 55.1       |
| Tested By              | Sasikala Subramani                            | Pressure (mbar)                   | NR         |
| Input Voltage / Freq   | 3.3 Vdc                                       |                                   |            |
| Operating Mode         | Refer Page 5 Operating Mode #1                |                                   |            |
| Test configuration     | Refer Page 5 Test Configuration #1            |                                   |            |
| Deviation from Std     | NA                                            |                                   |            |
| Applicable standard    | FCC Part 15.247 : 2010                        |                                   |            |
| Test Method            | KDB 558074                                    |                                   |            |
| Comment                |                                               |                                   |            |
| <b>TEST DETAILS</b>    |                                               |                                   |            |
| Method                 | <input checked="" type="checkbox"/> Conducted | <input type="checkbox"/> Radiated |            |
| <b>TEST PARAMETERS</b> |                                               |                                   |            |
| Antenna Height         | NA                                            | Turntable Rotation                | NA         |
| Equipment Class        | NA                                            | Measurement Distance              | NA         |

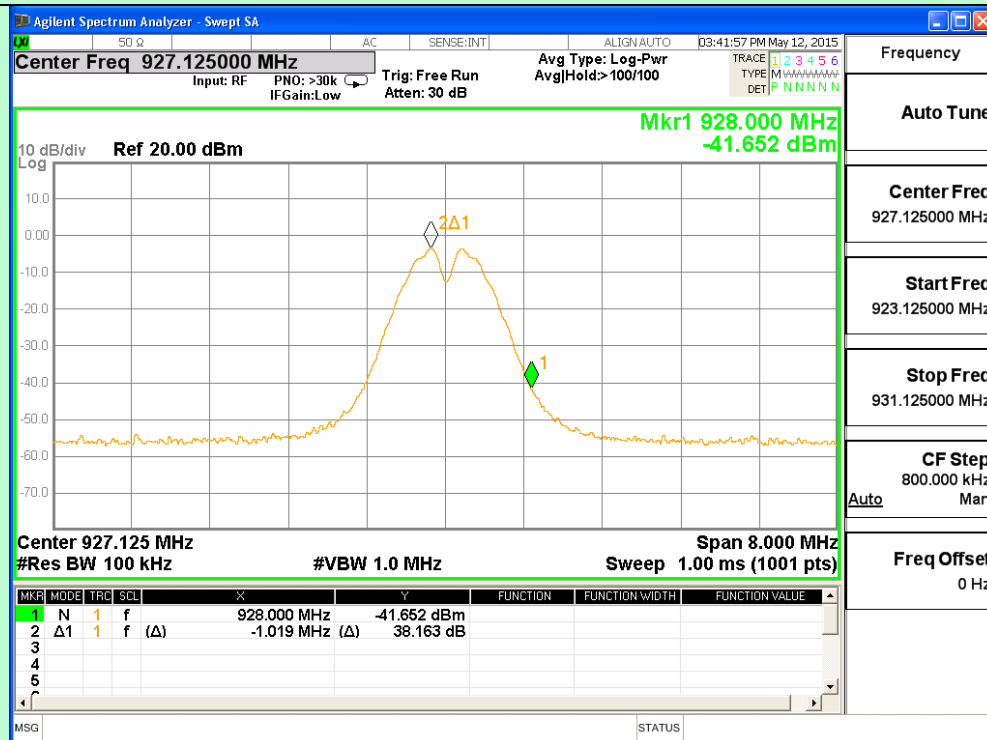
## TEST EQUIPMENT

| Y/N | Equipment         | Make          | Model       | Serial Number | Cal Due Date |
|-----|-------------------|---------------|-------------|---------------|--------------|
| Y   | Spectrum Analyzer | Agilent       | N9010A      | MY48031005    | 29-Nov-2015  |
| Y   | RF Cable          | Huber- Suhner | SUCOFLEX104 | MY14404/04    | 04-Feb -2016 |

## TEST GRAPHS



Channel 1 (902.875MHz)



Channel 6 (927.125MHz)

| TEST RESULT |           |                |       |         |
|-------------|-----------|----------------|-------|---------|
| Channel     | Frequency | Measured Level | Limit | Results |
| #           | MHz       | dBc            | dBc   |         |
| 1           | 902.875   | 42.645         | > 20  | PASS    |
| 6           | 927.125   | 38.163         | > 20  | PASS    |

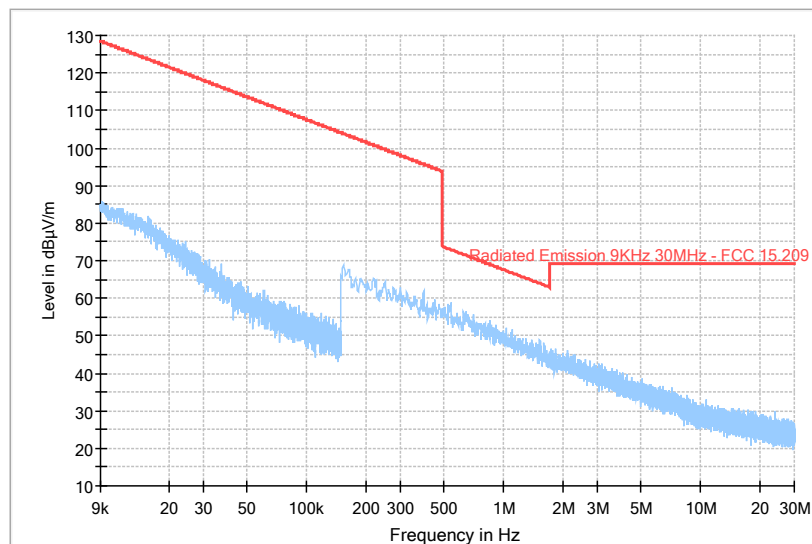
| TEST SETUP PHOTOGRAPH   |  |
|-------------------------|--|
| Refer Annexure -1       |  |
| Conducted RF Test setup |  |

### 3.5 TRANSMITTER SPURIOUS RADIATED EMISSIONS

|                               |                                                                                      |                      |                                                                                             |
|-------------------------------|--------------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------------|
| EUT Nomenclature              | Wireless Relay Module                                                                | Test Report No       | EMC-0379-1                                                                                  |
| Model No                      | FW-RM                                                                                | Serial No            | 11932                                                                                       |
| Test Start Date               | 22-May-2015                                                                          | Temperature (°C)     | 23.4                                                                                        |
| Test End Date                 | 30-May-2015                                                                          | Humidity RH (%)      | 57.6                                                                                        |
| Tested By                     | Gulshan Kumar                                                                        | Pressure (mbar)      | NR                                                                                          |
| Input Voltage / Freq          | 3.3 Vdc                                                                              |                      |                                                                                             |
| Operating Mode                | Refer Page 5 Operating Mode #1                                                       |                      |                                                                                             |
| Test configuration            | Refer Page 5 Test Configuration #1                                                   |                      |                                                                                             |
| Deviation from Std            | NA                                                                                   |                      |                                                                                             |
| Applicable Standard           | FCC Part 15.247 : 2010 & 15.209 : 2010                                               |                      |                                                                                             |
| Test Method                   | ANSI 63.10 - 2013                                                                    |                      |                                                                                             |
| Comment                       |                                                                                      |                      |                                                                                             |
| TEST FREQUENCY RANGE          |                                                                                      |                      |                                                                                             |
| Start Frequency               | 9KHz                                                                                 | Stop Frequency       | 18 GHz                                                                                      |
|                               |                                                                                      |                      |                                                                                             |
| MAXIMUM OPERATING FREQUENCY   |                                                                                      |                      |                                                                                             |
| 902 MHz to 928 MHz            |                                                                                      |                      |                                                                                             |
| TEST PARAMETERS               |                                                                                      |                      |                                                                                             |
| Antenna Height                | 1m to 4m                                                                             | Turntable Rotation   | 0° to 360°                                                                                  |
| Applicable standard           | FCC Part 15.247 : 2010 & 15.209 : 2010                                               | Test Method          | ANSI 63.10 - 2013                                                                           |
| Equipment Class               | Class B                                                                              | Measurement Distance | 3m                                                                                          |
| Pre Measurement in Sweep Mode | RBW =1MHz, VBW = 3MHz,<br>Detector = Peak [ Max –Hold]<br>Sweep time = Auto coupled. | Final Scan Setting   | IF = 1MHz, STEP SIZE –<br>400KHz<br>Detector = Peak and Average<br>Measurement Time = 2 sec |
|                               |                                                                                      |                      |                                                                                             |

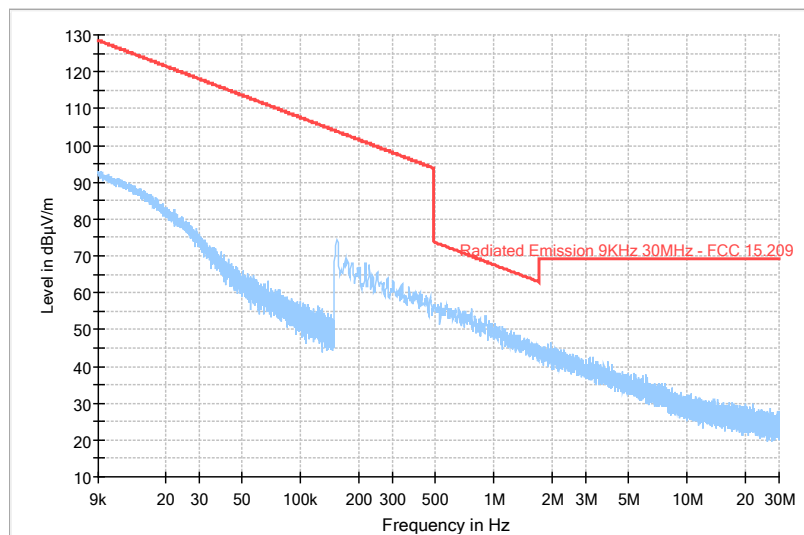
| <b>TEST EQUIPMENT</b>                                                                                                     |                                 |              |                  |              |              |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------|------------------|--------------|--------------|
| Y/N                                                                                                                       | Equipment                       | Make         | Model            | Sl. No.      | Cal Due Date |
| Y                                                                                                                         | EMI Test Receiver               | R&S          | ESU26            | 100525       | 20-Jan-16    |
| Y                                                                                                                         | 3m Semi Anechoic Chamber        | ETS Lindgren | DKE 6X7 DBL.DR   | 1625         | 26-Sep-15    |
| Y                                                                                                                         | Double Ridge Guide Horn Antenna | ETS Lindgren | 3117             | 00064055     | 07-Nov-15    |
| Y                                                                                                                         | Bilog Antenna                   | ETS Lindgren | HLP3003C         | 130525       | 11-Nov-15    |
| Y                                                                                                                         | Loop Antenna                    | ETS Lindgren | 6507             | 00154265     | 29-Dec-15    |
| Y                                                                                                                         | RF cable (9KHz to 1GHz)         | COLEMAN      | RG214            | RE-1A        | 04-Feb-16    |
| Y                                                                                                                         | RF cable (9KHz to 1GHz)         | COLEMAN      | RG214            | RE-1B        | 04-Feb-16    |
| Y                                                                                                                         | RF cable (1GHz to 18GHz)        | AH Systems   | SUCOFLEX 104     | RE-2A        | 04-Feb-16    |
| Y                                                                                                                         | High Pass Filter                | Wainwright   | WHKX1.5/15G-12ST | 1            | 14-Jun-15    |
| Y                                                                                                                         | Signal Conditioning Unit        | R&S          | SCU-18           | 10178        | 14-Jun-15    |
| Y                                                                                                                         | EMC32 Software                  | R&S          | 8.30.0           | 820-OT101248 | NA           |
| Note: Switch ON /OFF the Internal Preamplifier based on carrier level and or noise floor without overloading the receiver |                                 |              |                  |              |              |

## TEST GRAPHS – 9KHz to 30MHz



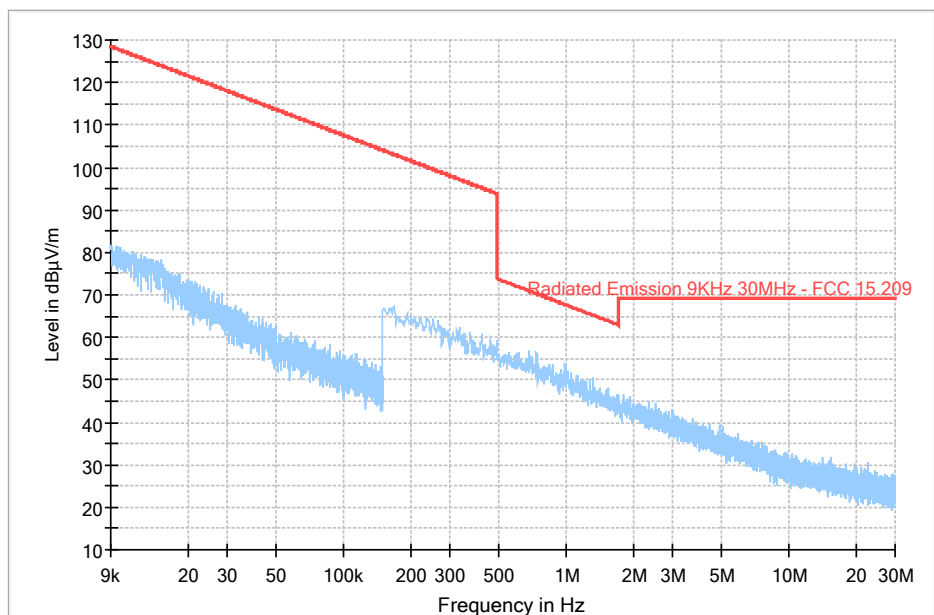
Channel 1 (902.875MHz)

Note : Peak Graph - Parallel

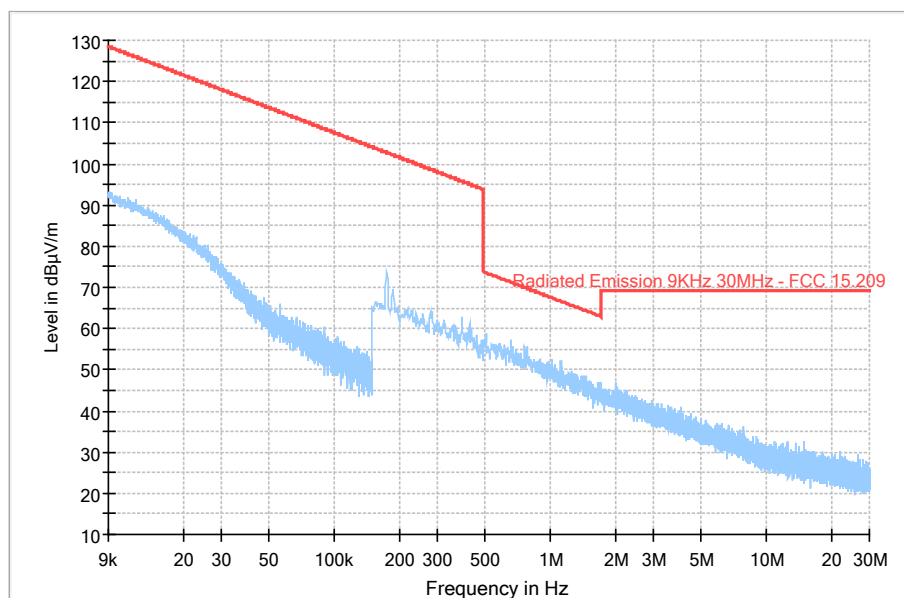


Channel 1 (902.875MHz )

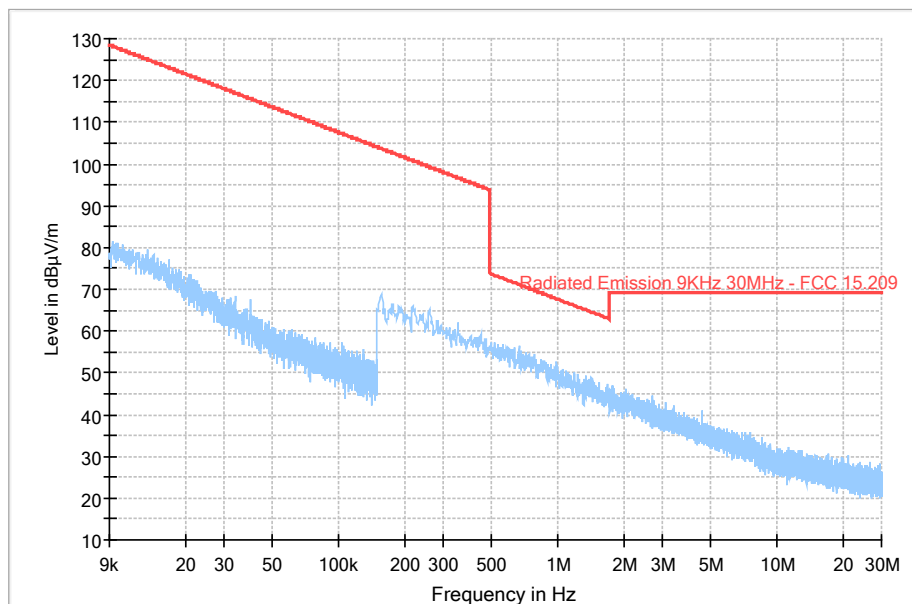
Note : Peak Graph - Perpendicular

**Channel 2 (908.425MHz)**

Note : Peak Graph - Parallel

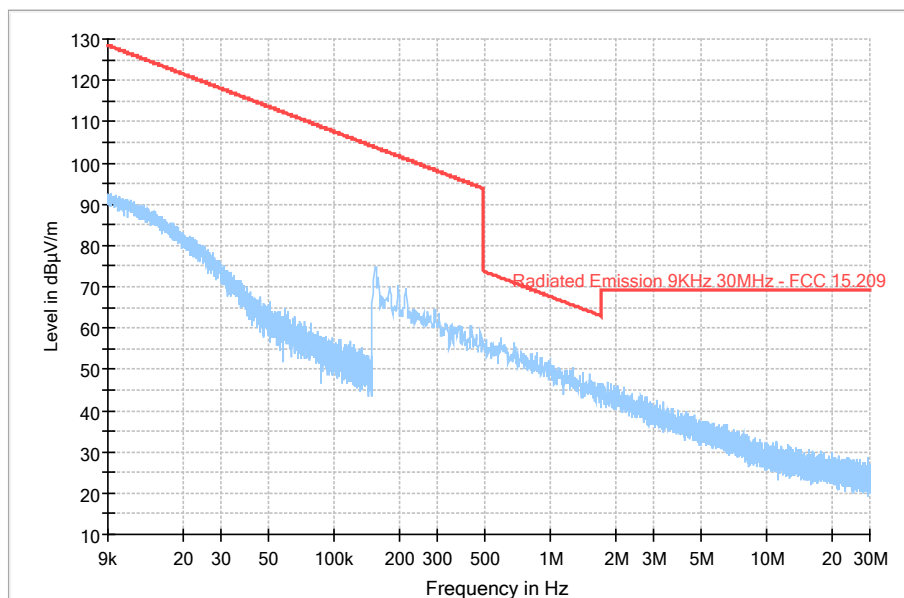
**Channel 2 (908.425MHz)**

Note : Peak Graph - Perpendicular



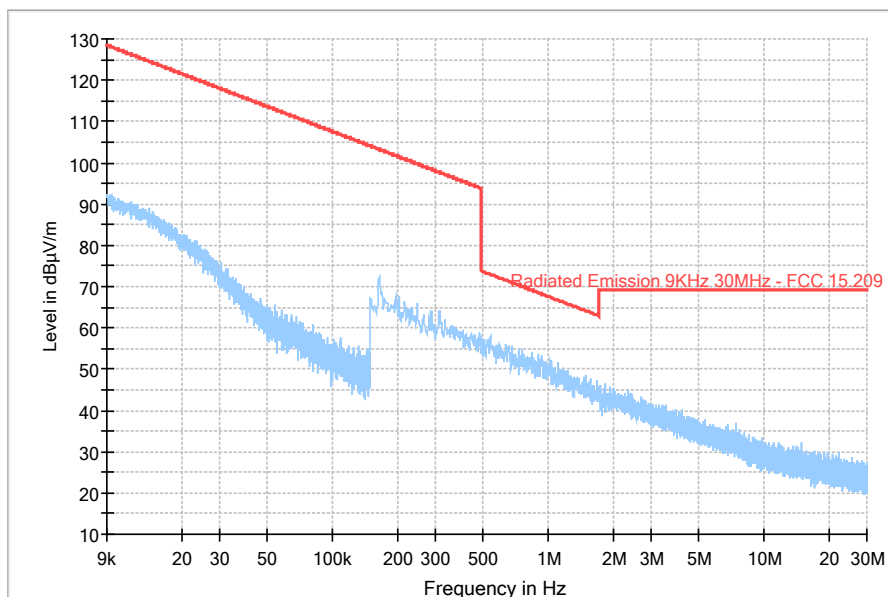
Channel 3 (914.325MHz)

Note : Peak Graph - Parallel



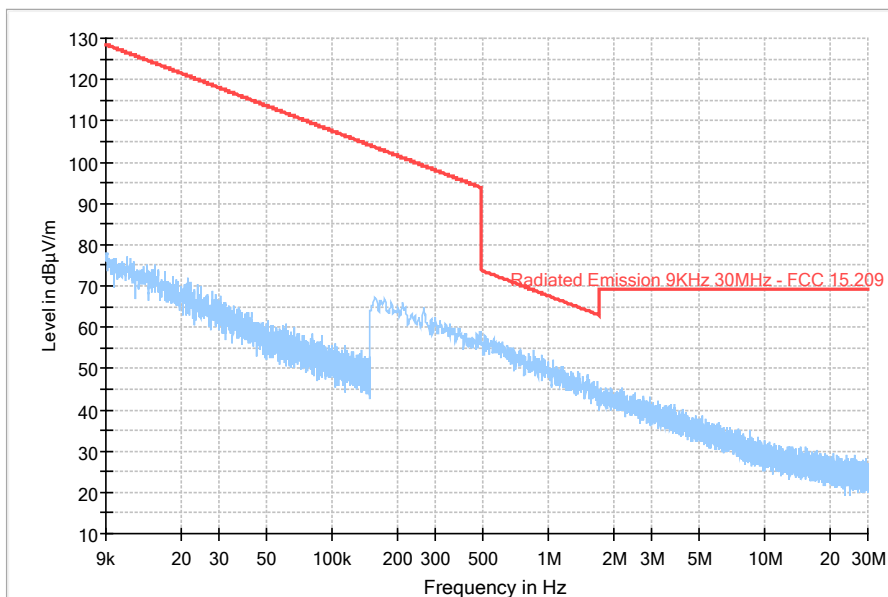
Channel 3 (914.325MHz)

Note : Peak Graph - Perpendicular



Channel 4 (915.325MHz)

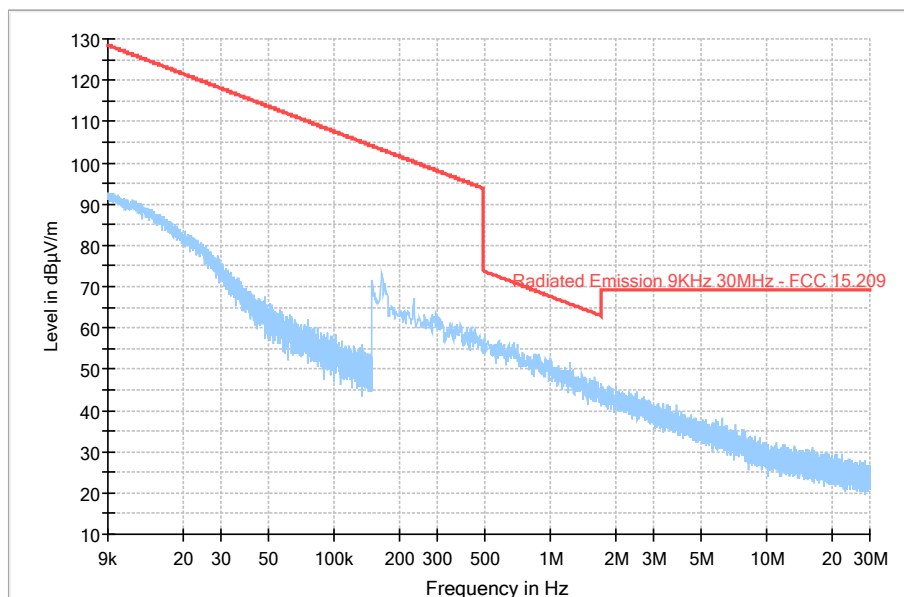
Note : Peak Graph - Parallel



Channel 4 (915.325MHz)

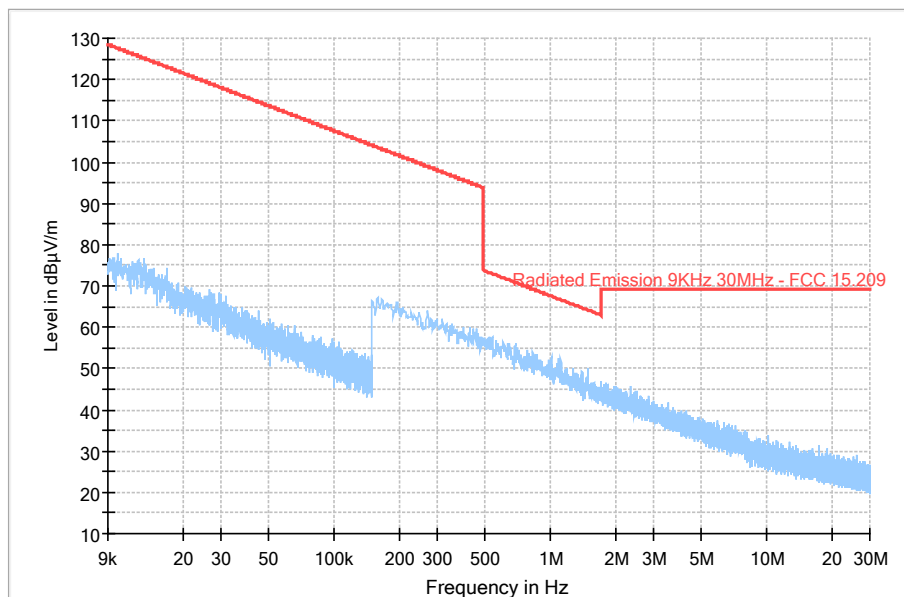
Note : Peak Graph - Perpendicular





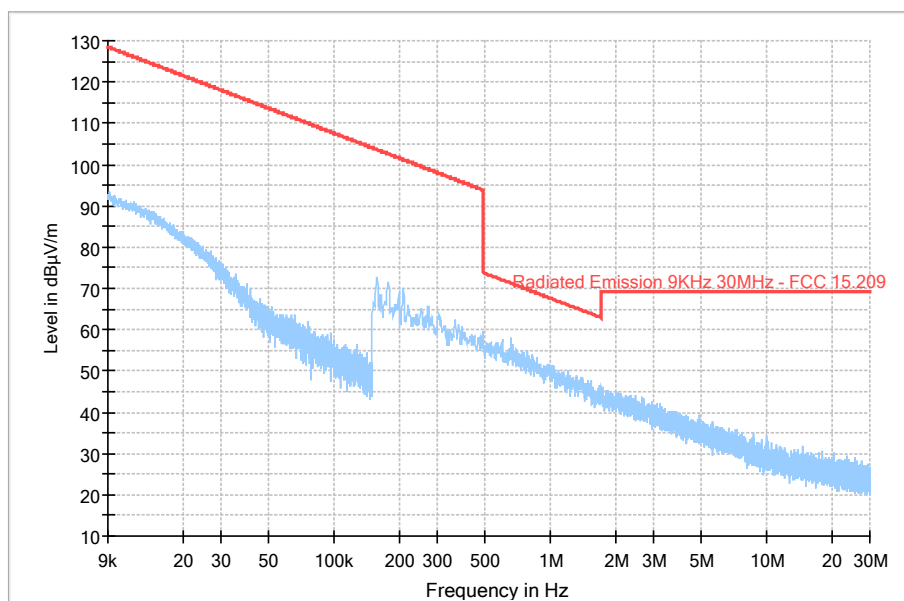
Channel 5 (921.575MHz)

Note : Peak Graph - Parallel



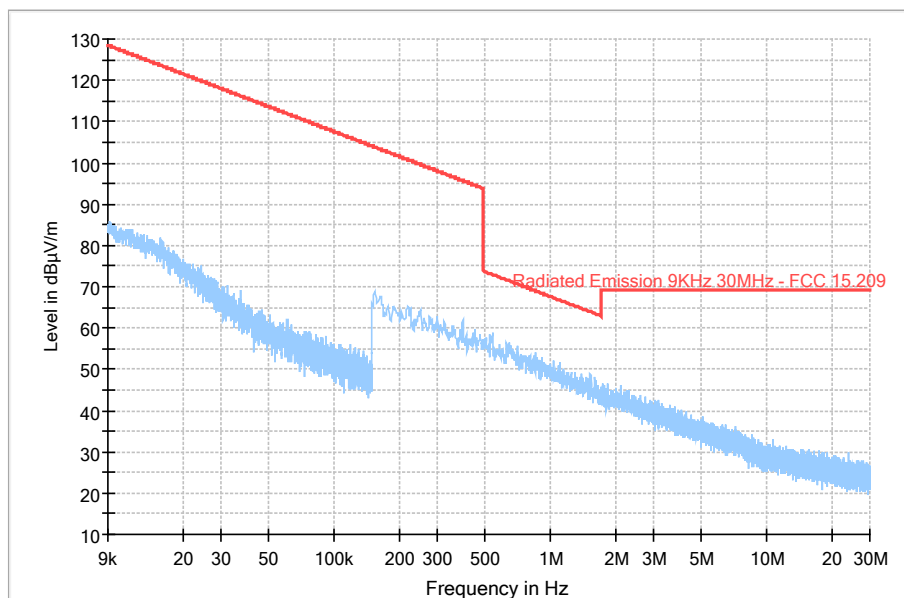
Channel 5 (921.575MHz)

Note : Peak Graph - Perpendicular



Channel 6 (927.125MHz)

Note : Peak Graph - Parallel



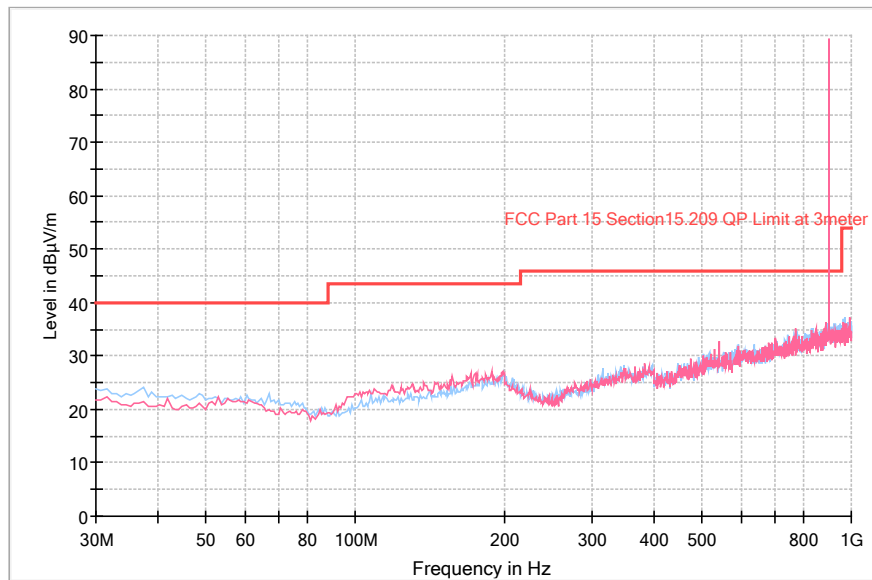
Channel 6 (927.125MHz)

Note : Peak Graph - Perpendicular

| Test Result – 9KHz to 30MHz |                   |                    |                     |        |                          |         |        |                                |         |
|-----------------------------|-------------------|--------------------|---------------------|--------|--------------------------|---------|--------|--------------------------------|---------|
| Channel                     | Channel Frequency | Spurious Frequency | Measured Quasi Peak | Height | Ant Pol                  | Azimuth | Margin | Quasi Peak Limit @ 3m Distance | Results |
| #                           | MHz               | MHz                | dBμV/m              | cm     | Parallel / Perpendicular | deg     | dB     | dBμV/m                         |         |
| 1                           | 902.875           | 0.02               | 21.0                | 150.0  | Parallel                 | 204.0   | 102.7  | 123.7                          | PASS    |
| 1                           | 902.875           | 0.54               | 25.9                | 150.0  | Parallel                 | 316.0   | 47.1   | 73.0                           | PASS    |
| 1                           | 902.875           | 0.85               | 24.9                | 150.0  | Parallel                 | 114.0   | 44.1   | 69.0                           | PASS    |
| 1                           | 902.875           | 1.11               | 24.3                | 150.0  | Parallel                 | 141.0   | 42.4   | 66.7                           | PASS    |
| 1                           | 902.875           | 1.53               | 23.5                | 150.0  | Parallel                 | 11.0    | 40.4   | 63.9                           | PASS    |
| 1                           | 902.875           | 1.61               | 23.4                | 150.0  | Parallel                 | 85.0    | 40.1   | 63.5                           | PASS    |
| 1                           | 902.875           | 1.83               | 23.0                | 150.0  | Parallel                 | 343.0   | 46.3   | 69.3                           | PASS    |
| 1                           | 902.875           | 1.12               | 24.5                | 200.0  | Perpendicular            | 141.0   | 42.1   | 66.7                           | PASS    |
| 1                           | 902.875           | 1.53               | 23.6                | 300.0  | Perpendicular            | 250.0   | 40.3   | 64.0                           | PASS    |
| 1                           | 902.875           | 1.96               | 23.1                | 300.0  | Perpendicular            | 250.0   | 46.2   | 69.3                           | PASS    |
| 1                           | 902.875           | 2.10               | 22.4                | 200.0  | Perpendicular            | 27.0    | 46.9   | 69.3                           | PASS    |
| 1                           | 902.875           | 3.14               | 21.7                | 200.0  | Perpendicular            | 303.0   | 47.6   | 69.3                           | PASS    |
|                             |                   |                    |                     |        |                          |         |        |                                |         |
| 2                           | 908.425           | 0.011              | 25.7                | 100.0  | Parallel                 | 0.0     | 100.8  | 126.5                          | PASS    |
| 2                           | 908.425           | 0.014              | 22.6                | 200.0  | Parallel                 | 0.0     | 102.2  | 124.7                          | PASS    |
| 2                           | 908.425           | 0.991              | 25.9                | 200.0  | Parallel                 | 289.0   | 41.8   | 67.7                           | PASS    |
| 2                           | 908.425           | 1.323              | 23.9                | 100.0  | Parallel                 | 182.0   | 41.3   | 65.2                           | PASS    |
| 2                           | 908.425           | 1.539              | 23.5                | 250.0  | Parallel                 | 276.0   | 40.4   | 63.9                           | PASS    |
| 2                           | 908.425           | 1.802              | 23.2                | 100.0  | Parallel                 | 0.0     | 46.1   | 69.3                           | PASS    |
| 2                           | 908.425           | 2.364              | 22.1                | 300.0  | Parallel                 | 27.0    | 47.2   | 69.3                           | PASS    |
| 2                           | 908.425           | 0.012              | 24.6                | 100.0  | Perpendicular            | 255.0   | 101.3  | 126.0                          | PASS    |
| 2                           | 908.425           | 1.120              | 24.3                | 200.0  | Perpendicular            | 237.0   | 42.3   | 66.6                           | PASS    |
| 2                           | 908.425           | 1.464              | 23.6                | 300.0  | Perpendicular            | 182.0   | 40.7   | 64.3                           | PASS    |
| 2                           | 908.425           | 1.676              | 23.3                | 200.0  | Perpendicular            | 290.0   | 39.8   | 63.1                           | PASS    |
| 2                           | 908.425           | 2.016              | 22.5                | 250.0  | Perpendicular            | 27.0    | 46.8   | 69.3                           | PASS    |
| 2                           | 908.425           | 2.042              | 22.4                | 200.0  | Perpendicular            | 331.0   | 46.9   | 69.3                           | PASS    |
|                             |                   |                    |                     |        |                          |         |        |                                |         |
| 3                           | 914.325           | 0.013              | 23.1                | 200.0  | Parallel                 | 153.0   | 102.0  | 125.0                          | PASS    |
| 3                           | 914.325           | 0.017              | 20.2                | 200.0  | Parallel                 | 204.0   | 102.9  | 123.1                          | PASS    |
| 3                           | 914.325           | 1.428              | 23.6                | 200.0  | Parallel                 | 294.0   | 40.9   | 64.5                           | PASS    |
| 3                           | 914.325           | 1.697              | 23.3                | 300.0  | Parallel                 | 0.0     | 39.7   | 63.0                           | PASS    |
| 3                           | 914.325           | 1.776              | 23.2                | 300.0  | Parallel                 | 0.0     | 46.1   | 69.3                           | PASS    |
| 3                           | 914.325           | 2.053              | 22.4                | 300.0  | Parallel                 | 128.0   | 46.9   | 69.3                           | PASS    |
| 3                           | 914.325           | 0.011              | 25.1                | 200.0  | Perpendicular            | 100.0   | 101.3  | 126.4                          | PASS    |
| 3                           | 914.325           | 0.023              | 16.2                | 200.0  | Perpendicular            | 306.0   | 104.1  | 120.3                          | PASS    |
| 3                           | 914.325           | 0.032              | 13.7                | 100.0  | Perpendicular            | 306.0   | 103.8  | 117.5                          | PASS    |
| 3                           | 914.325           | 0.677              | 25.3                | 100.0  | Perpendicular            | 355.0   | 45.7   | 71.0                           | PASS    |
| 3                           | 914.325           | 0.869              | 24.8                | 200.0  | Perpendicular            | 72.0    | 44.1   | 68.8                           | PASS    |
| 3                           | 914.325           | 1.276              | 23.9                | 200.0  | Perpendicular            | 262.0   | 41.6   | 65.5                           | PASS    |
| 3                           | 914.325           | 1.415              | 23.7                | 300.0  | Perpendicular            | 249.0   | 40.9   | 64.6                           | PASS    |
| 3                           | 914.325           | 1.518              | 23.4                | 300.0  | Perpendicular            | 11.0    | 40.6   | 64.0                           | PASS    |
| 3                           | 914.325           | 1.838              | 23.1                | 300.0  | Perpendicular            | 249.0   | 46.2   | 69.3                           | PASS    |
| 3                           | 914.325           | 2.031              | 22.4                | 200.0  | Perpendicular            | 355.0   | 46.9   | 69.3                           | PASS    |
|                             |                   |                    |                     |        |                          |         |        |                                |         |
| 4                           | 915.325           | 0.014              | 22.2                | 199.0  | Parallel                 | 306.0   | 102.4  | 124.6                          | PASS    |
| 4                           | 915.325           | 0.023              | 16.2                | 200.0  | Parallel                 | 256.0   | 104.0  | 120.2                          | PASS    |
| 4                           | 915.325           | 0.938              | 24.9                | 199.0  | Parallel                 | 358.0   | 43.3   | 68.2                           | PASS    |
| 4                           | 915.325           | 1.111              | 24.3                | 250.0  | Parallel                 | 86.0    | 42.4   | 66.7                           | PASS    |
| 4                           | 915.325           | 1.484              | 23.7                | 300.0  | Parallel                 | 223.0   | 40.5   | 64.2                           | PASS    |
| 4                           | 915.325           | 1.692              | 23.3                | 199.0  | Parallel                 | 276.0   | 39.7   | 63.1                           | PASS    |
| 4                           | 915.325           | 1.838              | 23.1                | 300.0  | Parallel                 | 169.0   | 46.2   | 69.3                           | PASS    |

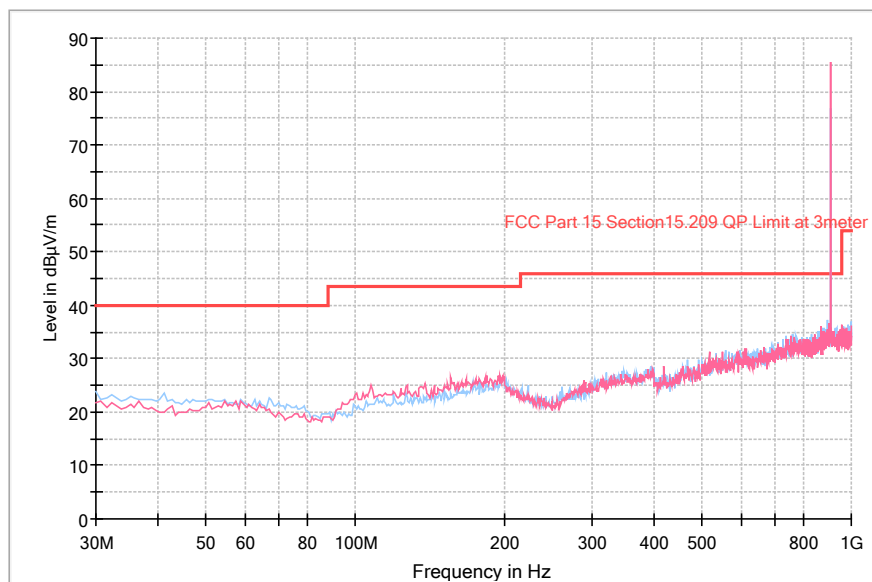
|                                                                                                                 |         |       |      |       |               |       |       |       |      |
|-----------------------------------------------------------------------------------------------------------------|---------|-------|------|-------|---------------|-------|-------|-------|------|
| 4                                                                                                               | 915.325 | 0.011 | 25.1 | 100.0 | Perpendicular | 0.0   | 101.4 | 126.5 | PASS |
| 4                                                                                                               | 915.325 | 0.015 | 21.7 | 100.0 | Perpendicular | 357.0 | 102.2 | 123.9 | PASS |
| 4                                                                                                               | 915.325 | 0.021 | 16.9 | 200.0 | Perpendicular | 307.0 | 104.0 | 121.0 | PASS |
| 4                                                                                                               | 915.325 | 1.696 | 23.2 | 200.0 | Perpendicular | 0.0   | 39.8  | 63.0  | PASS |
| 4                                                                                                               | 915.325 | 2.753 | 22.0 | 300.0 | Perpendicular | 159.0 | 47.3  | 69.3  | PASS |
| 4                                                                                                               | 915.325 | 2.970 | 21.6 | 200.0 | Perpendicular | 118.0 | 47.7  | 69.3  | PASS |
|                                                                                                                 |         |       |      |       |               |       |       |       |      |
| 5                                                                                                               | 921.575 | 0.013 | 24.0 | 200.0 | Parallel      | 101.0 | 101.5 | 125.5 | PASS |
| 5                                                                                                               | 921.575 | 0.025 | 15.6 | 300.0 | Parallel      | 101.0 | 104.1 | 119.7 | PASS |
| 5                                                                                                               | 921.575 | 1.240 | 24.1 | 200.0 | Parallel      | 0.0   | 41.7  | 65.8  | PASS |
| 5                                                                                                               | 921.575 | 1.403 | 23.8 | 200.0 | Parallel      | 185.0 | 40.9  | 64.7  | PASS |
| 5                                                                                                               | 921.575 | 1.591 | 23.4 | 100.0 | Parallel      | 0.0   | 40.2  | 63.6  | PASS |
| 5                                                                                                               | 921.575 | 2.005 | 22.4 | 200.0 | Parallel      | 290.0 | 46.9  | 69.3  | PASS |
| 5                                                                                                               | 921.575 | 2.498 | 22.0 | 300.0 | Parallel      | 0.0   | 47.3  | 69.3  | PASS |
| 5                                                                                                               | 921.575 | 0.012 | 24.5 | 200.0 | Perpendicular | 51.0  | 101.2 | 125.7 | PASS |
| 5                                                                                                               | 921.575 | 0.013 | 23.4 | 100.0 | Perpendicular | 359.0 | 101.8 | 125.2 | PASS |
| 5                                                                                                               | 921.575 | 1.486 | 23.7 | 300.0 | Perpendicular | 0.0   | 40.5  | 64.2  | PASS |
| 5                                                                                                               | 921.575 | 2.348 | 22.0 | 300.0 | Perpendicular | 169.0 | 47.3  | 69.3  | PASS |
| 5                                                                                                               | 921.575 | 2.466 | 21.9 | 300.0 | Perpendicular | 0.0   | 47.4  | 69.3  | PASS |
| 5                                                                                                               | 921.575 | 2.524 | 22.1 | 200.0 | Perpendicular | 128.0 | 47.2  | 69.3  | PASS |
|                                                                                                                 |         |       |      |       |               |       |       |       |      |
| 6                                                                                                               | 927.125 | 0.01  | 27.8 | 200.0 | Parallel      | 0.0   | 100.5 | 128.3 | PASS |
| 6                                                                                                               | 927.125 | 0.78  | 25.0 | 200.0 | Parallel      | 0.0   | 44.8  | 69.8  | PASS |
| 6                                                                                                               | 927.125 | 1.54  | 23.5 | 200.0 | Parallel      | 72.0  | 40.4  | 63.9  | PASS |
| 6                                                                                                               | 927.125 | 2.49  | 22.0 | 200.0 | Parallel      | 86.0  | 47.3  | 69.3  | PASS |
| 6                                                                                                               | 927.125 | 3.20  | 21.7 | 200.0 | Parallel      | 249.0 | 47.6  | 69.3  | PASS |
| 6                                                                                                               | 927.125 | 3.29  | 21.5 | 200.0 | Parallel      | 142.0 | 47.8  | 69.3  | PASS |
| 6                                                                                                               | 927.125 | 0.02  | 21.0 | 150.0 | Perpendicular | 204.0 | 102.7 | 123.7 | PASS |
| 6                                                                                                               | 927.125 | 0.02  | 18.8 | 150.0 | Perpendicular | 0.0   | 103.6 | 122.5 | PASS |
| 6                                                                                                               | 927.125 | 0.02  | 16.2 | 300.0 | Perpendicular | 204.0 | 103.7 | 119.9 | PASS |
| 6                                                                                                               | 927.125 | 0.54  | 25.9 | 150.0 | Perpendicular | 316.0 | 47.1  | 73.0  | PASS |
| 6                                                                                                               | 927.125 | 0.85  | 24.9 | 250.0 | Perpendicular | 114.0 | 44.1  | 69.0  | PASS |
| 6                                                                                                               | 927.125 | 1.11  | 24.3 | 150.0 | Perpendicular | 141.0 | 42.4  | 66.7  | PASS |
| 6                                                                                                               | 927.125 | 1.53  | 23.5 | 375.0 | Perpendicular | 11.0  | 40.4  | 63.9  | PASS |
| 6                                                                                                               | 927.125 | 1.61  | 23.4 | 150.0 | Perpendicular | 85.0  | 40.1  | 63.5  | PASS |
| 6                                                                                                               | 927.125 | 1.83  | 23.0 | 300.0 | Perpendicular | 343.0 | 46.3  | 69.3  | PASS |
| 6                                                                                                               | 927.125 | 2.12  | 22.4 | 150.0 | Perpendicular | 169.0 | 46.9  | 69.3  | PASS |
| <b>Note :</b> Measured Quasi Peak (dBuV/m) = Receiver Readings (dBuV) + Antenna Factor (dB/m) + Cable loss (dB) |         |       |      |       |               |       |       |       |      |

## Test Graphs – 30MHz to 1GHz



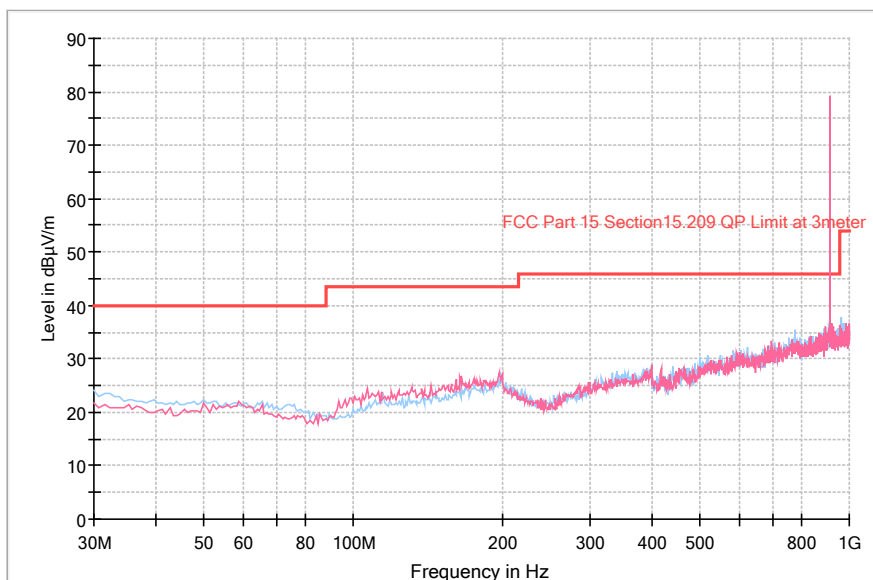
Channel 1 (902.875MHz)

Note : Peak Graph Vertical (Red), Peak Graph Horizontal (Blue)

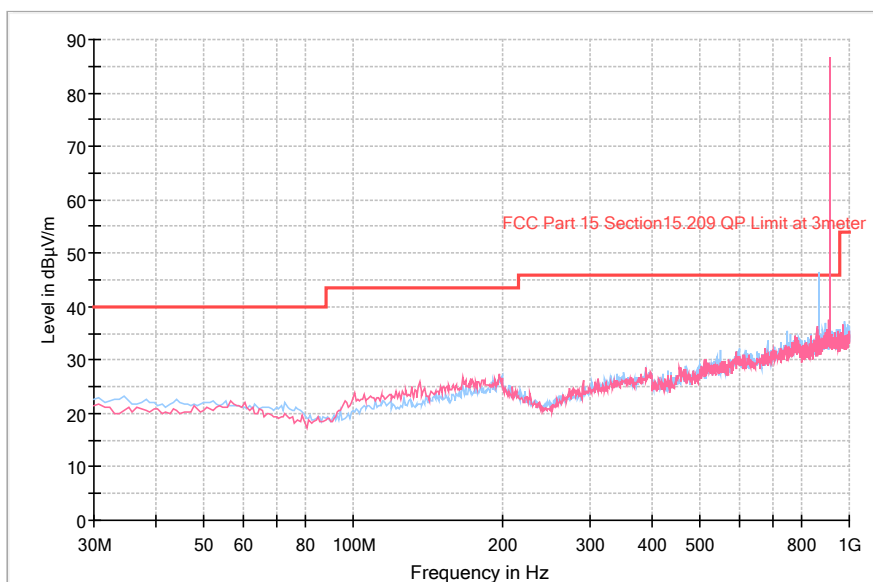


Channel 2 (908.425MHz)

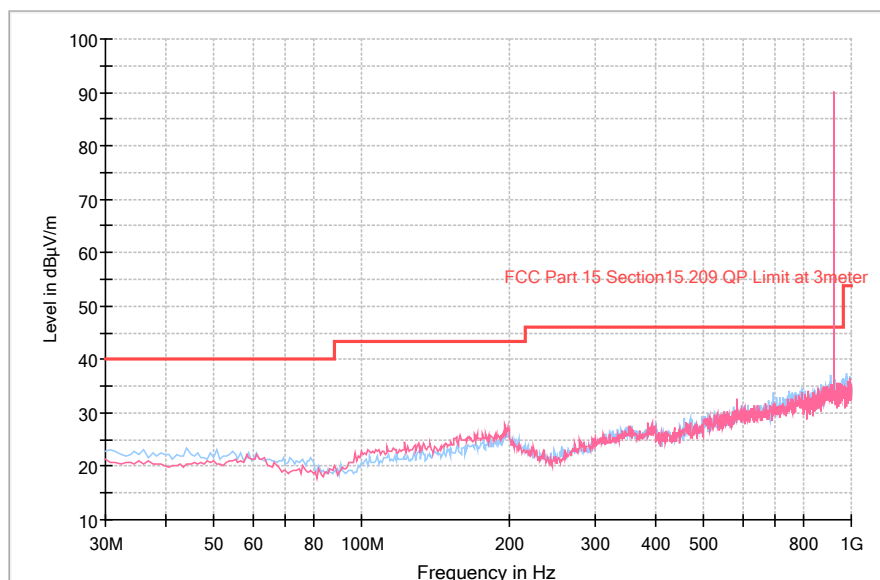
Note : Peak Graph Vertical (Red), Peak Graph Horizontal (Blue)

**Channel 3 (914.325 MHz)**

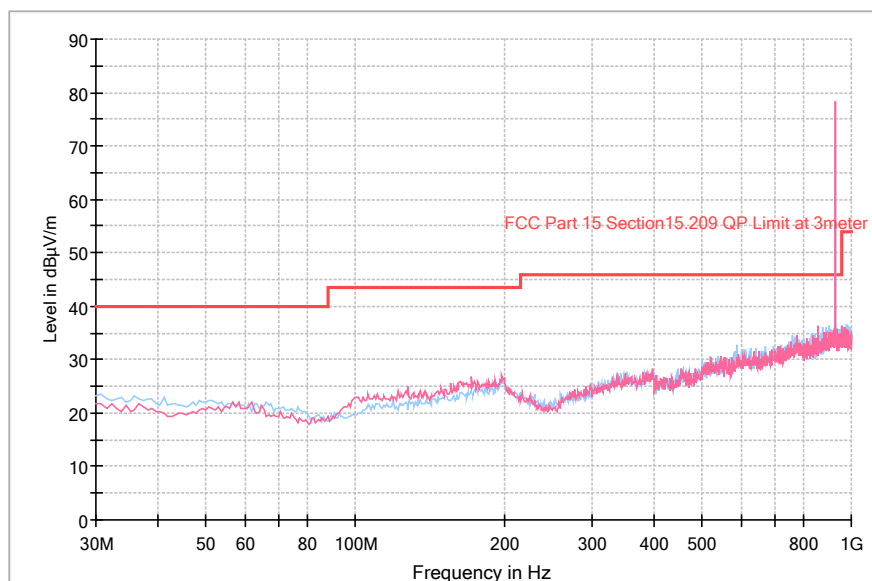
Note : Peak Graph Vertical (Red), Peak Graph Horizontal (Blue)

**Channel 4 (915.325 MHz)**

Note : Peak Graph Vertical (Red), Peak Graph Horizontal (Blue)

**Channel 5 (921.575 MHz)**

Note : Peak Graph Vertical (Red), Peak Graph Horizontal (Blue)

**Channel 6 (927.125 MHz)**

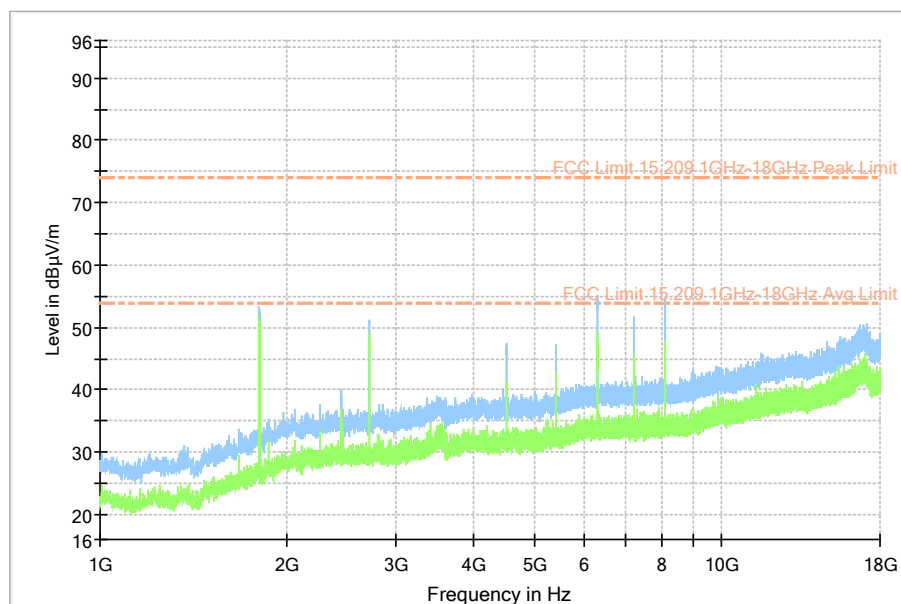
Note : Peak Graph Vertical (Red), Peak Graph Horizontal (Blue)

| Test Result – 30MHz to 1GHz                                                                                     |                   |                    |                     |        |         |         |         |                                |               |
|-----------------------------------------------------------------------------------------------------------------|-------------------|--------------------|---------------------|--------|---------|---------|---------|--------------------------------|---------------|
| Channel                                                                                                         | Channel Frequency | Spurious frequency | Measured Quasi Peak | Height | Ant Pol | Azimuth | Margin  | Quasi Peak Limit @ 3m Distance | Results       |
| #                                                                                                               | MHz               | MHz                | dBμV/m              | cm     | H / V   | deg     | dB      | dBμV/m                         |               |
| 1                                                                                                               | 902.875           | 31.48              | 17.0                | 300.0  | H       | 81.0    | 23.0000 | 40.00                          | PASS          |
| 1                                                                                                               | 902.875           | 37.41              | 16.4                | 200.0  | H       | 134.0   | 23.6000 | 40.00                          | PASS          |
| 1                                                                                                               | 902.875           | 67.07              | 15.6                | 300.0  | H       | 181.0   | 24.4000 | 40.00                          | PASS          |
| 1                                                                                                               | 902.875           | 170.88             | 20.3                | 100.0  | V       | 81.0    | 23.2000 | 43.50                          | PASS          |
| 1                                                                                                               | 902.875           | 187.94             | 20.1                | 100.0  | V       | 106.0   | 23.4000 | 43.50                          | PASS          |
| 1                                                                                                               | 902.875           | 198.32             | 21.3                | 300.0  | V       | 134.0   | 22.2000 | 43.50                          | PASS          |
| 1                                                                                                               | 902.875           | 475.75             | 23.8                | 100.0  | V       | 0.0     | 22.2000 | 46.00                          | PASS          |
| 1                                                                                                               | 902.875           | 492.59             | 24.4                | 200.0  | H       | 0.0     | 21.6000 | 46.00                          | PASS          |
| 1                                                                                                               | 902.875           | 541.68             | 25.8                | 200.0  | V       | 0.0     | 20.2000 | 46.00                          | PASS          |
| 1                                                                                                               | 902.875           | 703.71             | 28.0                | 200.0  | V       | 0.0     | 18.0000 | 46.00                          | PASS          |
| 1                                                                                                               | 902.875           | 902.81             | 94.9                | 100.0  | V       | 0.0     | ....    | .....                          | Intended Freq |
| 1                                                                                                               | 902.875           | 990.98             | 31.5                | 300.0  | V       | 0.0     | 0.0000  | 53.90                          | PASS          |
|                                                                                                                 |                   |                    |                     |        |         |         |         |                                |               |
| 2                                                                                                               | 908.425           | 30.00              | 17.1                | 100.0  | H       | 93.0    | 22.9000 | 40.0000                        | PASS          |
| 2                                                                                                               | 908.425           | 41.12              | 16.3                | 100.0  | H       | 0.0     | 23.7000 | 40.0000                        | PASS          |
| 2                                                                                                               | 908.425           | 156.05             | 19.3                | 100.0  | V       | 180.0   | 24.2000 | 43.5000                        | PASS          |
| 2                                                                                                               | 908.425           | 167.17             | 19.8                | 200.0  | V       | 219.0   | 23.7000 | 43.5000                        | PASS          |
| 2                                                                                                               | 908.425           | 194.61             | 20.4                | 300.0  | V       | 28.0    | 23.1000 | 43.5000                        | PASS          |
| 2                                                                                                               | 908.425           | 198.32             | 21.1                | 200.0  | V       | 56.0    | 22.4000 | 43.5000                        | PASS          |
| 2                                                                                                               | 908.425           | 468.14             | 24.4                | 100.0  | H       | 0.0     | 21.6000 | 46.0000                        | PASS          |
| 2                                                                                                               | 908.425           | 492.99             | 24.3                | 300.0  | H       | 0.0     | 21.7000 | 46.0000                        | PASS          |
| 2                                                                                                               | 908.425           | 691.78             | 27.6                | 300.0  | H       | 0.0     | 18.4000 | 46.0000                        | PASS          |
| 2                                                                                                               | 908.425           | 693.39             | 27.7                | 300.0  | H       | 0.0     | 18.3000 | 46.0000                        | PASS          |
| 2                                                                                                               | 908.425           | 894.19             | 31.4                | 100.0  | H       | 0.0     | 14.6000 | 46.0000                        | PASS          |
| 2                                                                                                               | 908.425           | 908.62             | 94.3                | 100.0  | V       | 0.0     | ....    | .....                          | Intended Freq |
|                                                                                                                 |                   |                    |                     |        |         |         |         |                                |               |
| 3                                                                                                               | 914.325           | 30.09              | 16.9                | 200.0  | H       | 26.0    | 23.1000 | 40.0000                        | PASS          |
| 3                                                                                                               | 914.325           | 32.05              | 16.5                | 200.0  | H       | 208.0   | 23.5000 | 40.0000                        | PASS          |
| 3                                                                                                               | 914.325           | 164.13             | 19.6                | 100.0  | V       | 42.0    | 23.9000 | 43.5000                        | PASS          |
| 3                                                                                                               | 914.325           | 165.68             | 19.5                | 300.0  | V       | 262.0   | 24.0000 | 43.5000                        | PASS          |
| 3                                                                                                               | 914.325           | 197.18             | 20.8                | 100.0  | V       | 26.0    | 22.7000 | 43.5000                        | PASS          |
| 3                                                                                                               | 914.325           | 198.87             | 20.6                | 100.0  | H       | 67.0    | 22.9000 | 43.5000                        | PASS          |
| 3                                                                                                               | 914.325           | 399.82             | 21.8                | 200.0  | V       | 109.0   | 24.2000 | 46.0000                        | PASS          |
| 3                                                                                                               | 914.325           | 488.38             | 23.9                | 300.0  | H       | 0.0     | 22.1000 | 46.0000                        | PASS          |
| 3                                                                                                               | 914.325           | 686.86             | 27.1                | 200.0  | V       | 0.0     | 18.9000 | 46.0000                        | PASS          |
| 3                                                                                                               | 914.325           | 698.58             | 27.4                | 200.0  | V       | 0.0     | 18.6000 | 46.0000                        | PASS          |
| 3                                                                                                               | 914.325           | 914.17             | 84.9                | 100.0  | V       | 0.0     | ....    | .....                          | Intended Freq |
| 3                                                                                                               | 914.325           | 966.20             | 31.8                | 200.0  | H       | 0.0     | 22.1000 | 53.9000                        | PASS          |
|                                                                                                                 |                   |                    |                     |        |         |         |         |                                |               |
| <b>Note :</b> Measured Quasi Peak (dBuV/m) = Receiver Readings (dBuV) + Antenna Factor (dB/m) + Cable loss (dB) |                   |                    |                     |        |         |         |         |                                |               |



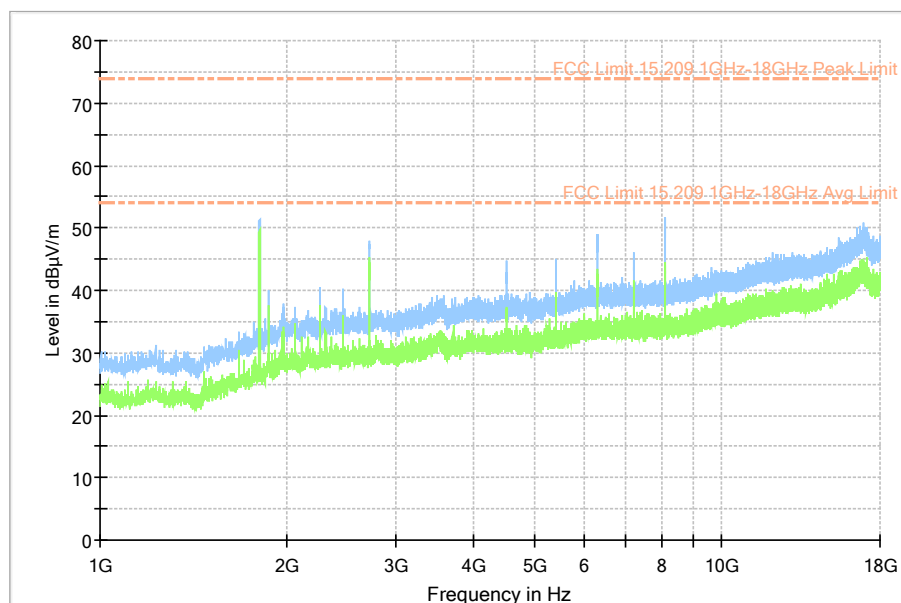
| Test Result – 30MHz to 1GHz                                                                                     |                   |                    |                     |        |         |         |         |                                |               |
|-----------------------------------------------------------------------------------------------------------------|-------------------|--------------------|---------------------|--------|---------|---------|---------|--------------------------------|---------------|
| Channel                                                                                                         | Channel Frequency | Spurious frequency | Measured Quasi Peak | Height | Ant Pol | Azimuth | Margin  | Quasi Peak Limit @ 3m Distance | Results       |
| #                                                                                                               | MHz               | MHz                | dBμV/m              | cm     | H / V   | deg     | dB      | dBμV/m                         |               |
| 4                                                                                                               | 915.325           | 31.23              | 16.6                | 300.0  | H       | 33.0    | 23.4000 | 40.0000                        | PASS          |
| 4                                                                                                               | 915.325           | 34.05              | 16.2                | 200.0  | H       | 259.0   | 23.8000 | 40.0000                        | PASS          |
| 4                                                                                                               | 915.325           | 166.82             | 19.7                | 300.0  | V       | 334.0   | 23.8000 | 43.5000                        | PASS          |
| 4                                                                                                               | 915.325           | 171.94             | 19.9                | 200.0  | V       | 0.0     | 23.6000 | 43.5000                        | PASS          |
| 4                                                                                                               | 915.325           | 196.52             | 20.7                | 100.0  | V       | 141.0   | 22.8000 | 43.5000                        | PASS          |
| 4                                                                                                               | 915.325           | 199.69             | 20.7                | 200.0  | H       | 48.0    | 22.8000 | 43.5000                        | PASS          |
| 4                                                                                                               | 915.325           | 467.88             | 24.2                | 200.0  | H       | 0.0     | 21.8000 | 46.0000                        | PASS          |
| 4                                                                                                               | 915.325           | 495.16             | 24.1                | 200.0  | H       | 0.0     | 21.9000 | 46.0000                        | PASS          |
| 4                                                                                                               | 915.325           | 599.33             | 27.0                | 100.0  | H       | 0.0     | 19.0000 | 46.0000                        | PASS          |
| 4                                                                                                               | 915.325           | 683.67             | 27.1                | 100.0  | H       | 0.0     | 18.9000 | 46.0000                        | PASS          |
| 4                                                                                                               | 915.325           | 867.77             | 30.3                | 100.0  | H       | 0.0     | 15.7000 | 46.0000                        | PASS          |
| 4                                                                                                               | 915.325           | 915.17             | 92.9                | 100.0  | V       | 0.0     | ....    | .....                          | Intended Freq |
|                                                                                                                 |                   |                    |                     |        |         |         |         |                                |               |
| 5                                                                                                               | 921.575           | 30.97              | 16.7                | 300.0  | H       | 87.0    | 23.3000 | 40.0000                        | PASS          |
| 5                                                                                                               | 921.575           | 36.11              | 16.0                | 300.0  | H       | 59.0    | 24.0000 | 40.0000                        | PASS          |
| 5                                                                                                               | 921.575           | 43.74              | 15.8                | 100.0  | H       | 142.0   | 24.2000 | 40.0000                        | PASS          |
| 5                                                                                                               | 921.575           | 50.46              | 15.8                | 100.0  | H       | 163.0   | 24.2000 | 40.0000                        | PASS          |
| 5                                                                                                               | 921.575           | 196.58             | 20.6                | 300.0  | V       | 163.0   | 22.9000 | 43.5000                        | PASS          |
| 5                                                                                                               | 921.575           | 198.20             | 20.9                | 300.0  | V       | 204.0   | 22.6000 | 43.5000                        | PASS          |
| 5                                                                                                               | 921.575           | 468.81             | 24.1                | 200.0  | H       | 0.0     | 21.9000 | 46.0000                        | PASS          |
| 5                                                                                                               | 921.575           | 494.96             | 24.1                | 100.0  | H       | 0.0     | 21.9000 | 46.0000                        | PASS          |
| 5                                                                                                               | 921.575           | 692.66             | 27.5                | 300.0  | H       | 0.0     | 18.5000 | 46.0000                        | PASS          |
| 5                                                                                                               | 921.575           | 703.01             | 27.8                | 200.0  | H       | 0.0     | 18.2000 | 46.0000                        | PASS          |
| 5                                                                                                               | 921.575           | 921.42             | 94.7                | 100.0  | V       | 0.0     | ....    | .....                          | Intended Freq |
| 5                                                                                                               | 921.575           | 978.97             | 31.8                | 200.0  | H       | 0.0     | 22.1000 | 53.9000                        | PASS          |
|                                                                                                                 |                   |                    |                     |        |         |         |         |                                |               |
| 6                                                                                                               | 927.125           | 30.59              | 16.8                | 100.0  | H       | 214.0   | 23.2000 | 40.0000                        | PASS          |
| 6                                                                                                               | 927.125           | 35.89              | 16.0                | 200.0  | H       | 83.0    | 24.0000 | 40.0000                        | PASS          |
| 6                                                                                                               | 927.125           | 51.10              | 16.0                | 100.0  | H       | 0.0     | 24.0000 | 40.0000                        | PASS          |
| 6                                                                                                               | 927.125           | 171.94             | 19.8                | 100.0  | V       | 11.0    | 23.7000 | 43.5000                        | PASS          |
| 6                                                                                                               | 927.125           | 173.56             | 19.9                | 100.0  | V       | 240.0   | 23.6000 | 43.5000                        | PASS          |
| 6                                                                                                               | 927.125           | 198.13             | 20.9                | 300.0  | V       | 45.0    | 22.6000 | 43.5000                        | PASS          |
| 6                                                                                                               | 927.125           | 199.95             | 20.9                | 200.0  | V       | 24.0    | 22.6000 | 43.5000                        | PASS          |
| 6                                                                                                               | 927.125           | 453.32             | 23.5                | 100.0  | V       | 0.0     | 22.5000 | 46.0000                        | PASS          |
| 6                                                                                                               | 927.125           | 588.39             | 26.7                | 300.0  | H       | 0.0     | 19.3000 | 46.0000                        | PASS          |
| 6                                                                                                               | 927.125           | 672.32             | 27.1                | 200.0  | H       | 0.0     | 18.9000 | 46.0000                        | PASS          |
| 6                                                                                                               | 927.125           | 926.96             | 84.2                | 100.0  | V       | 0.0     | ....    | .....                          | Intended Freq |
| 6                                                                                                               | 927.125           | 978.22             | 31.8                | 300.0  | H       | 0.0     | 22.1000 | 53.9000                        | PASS          |
|                                                                                                                 |                   |                    |                     |        |         |         |         |                                |               |
| <b>Note :</b> Measured Quasi Peak (dBuV/m) = Receiver Readings (dBuV) + Antenna Factor (dB/m) + Cable loss (dB) |                   |                    |                     |        |         |         |         |                                |               |

## Test Graphs – 1GHz to 18GHz



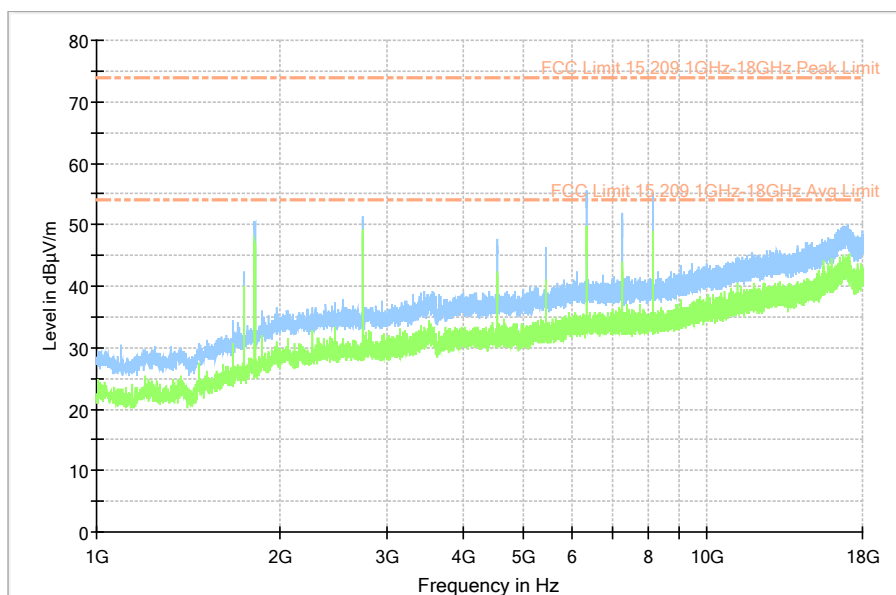
Channel 1 (902.875 MHz)

Note : Peak Graph Horizontal (Blue), Average Graph Horizontal (Green)



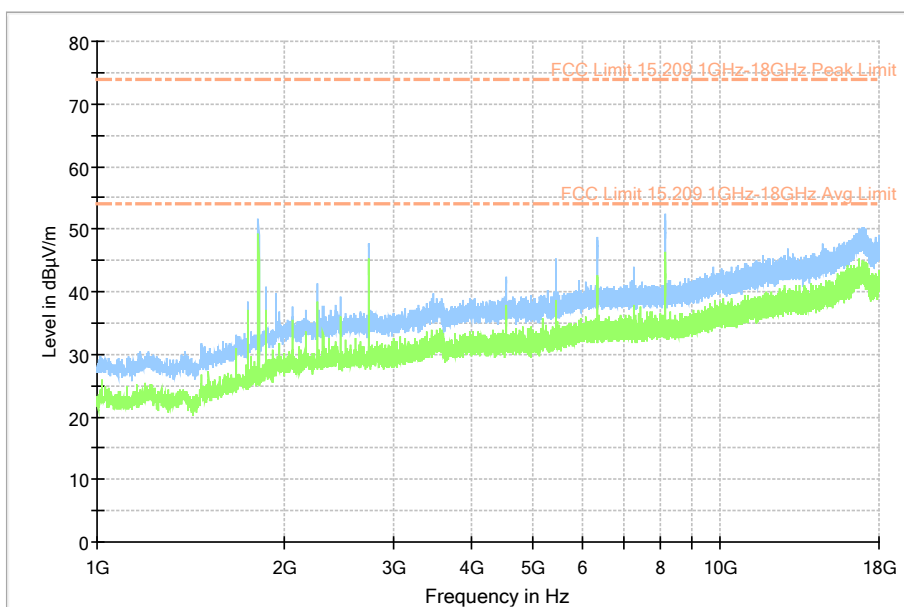
Channel 1 (902.825 MHz)

Note : Peak Graph Vertical (Blue), Average Graph Vertical (Green)



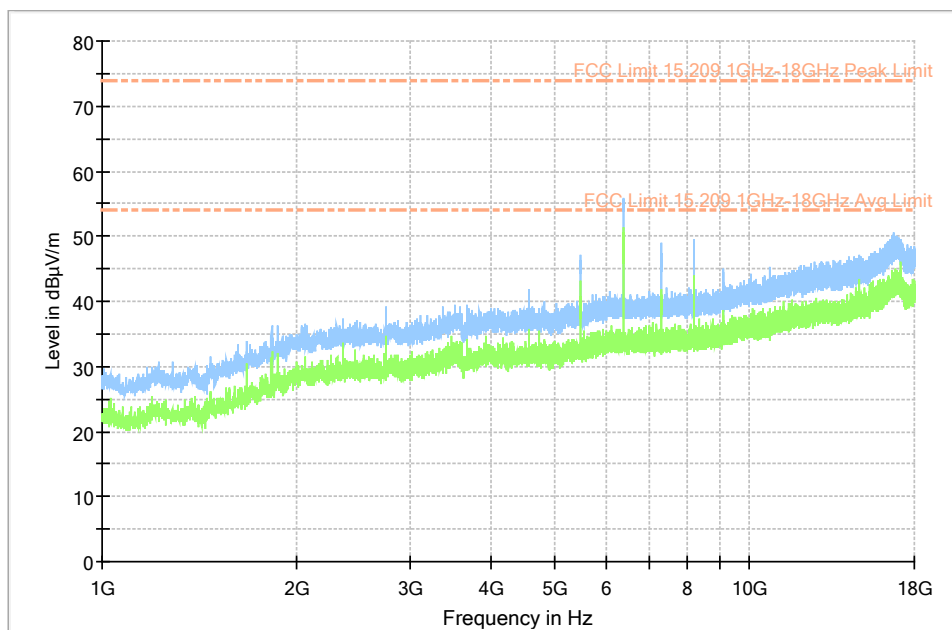
Channel 2 (908.425 MHz)

Note : Peak Graph Horizontal (Blue), Average Graph Horizontal (Green)



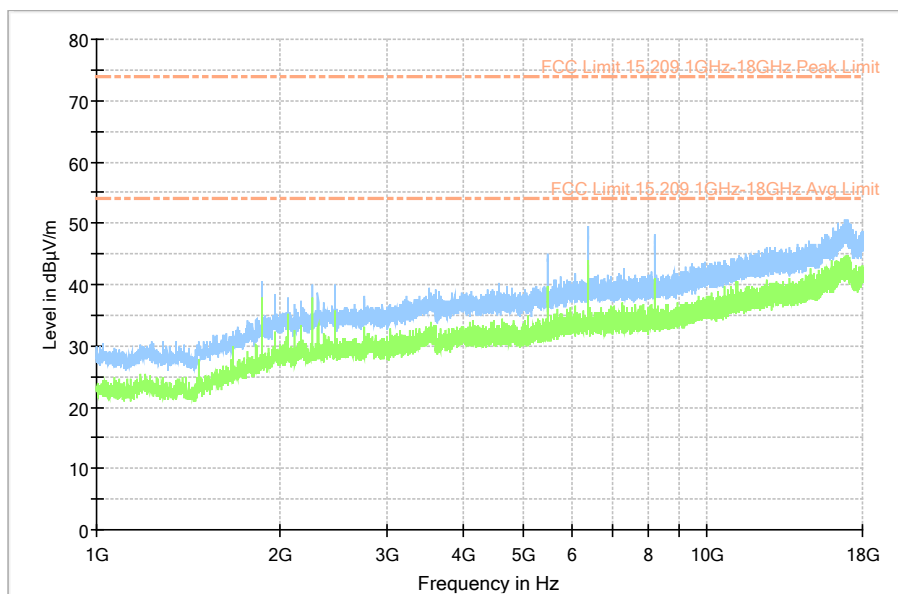
Channel 2 (908.425 MHz)

Note : Peak Graph Vertical (Blue), Average Graph Vertical (Green)



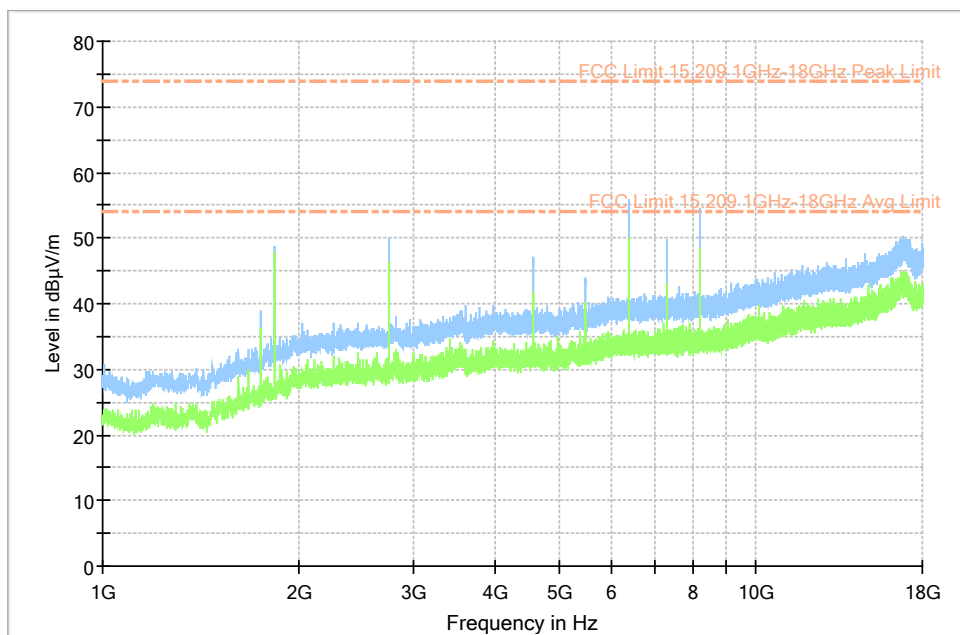
Channel 3 (914.325 MHz)

Note : Peak Graph Horizontal (Blue), Average Graph Horizontal (Green)

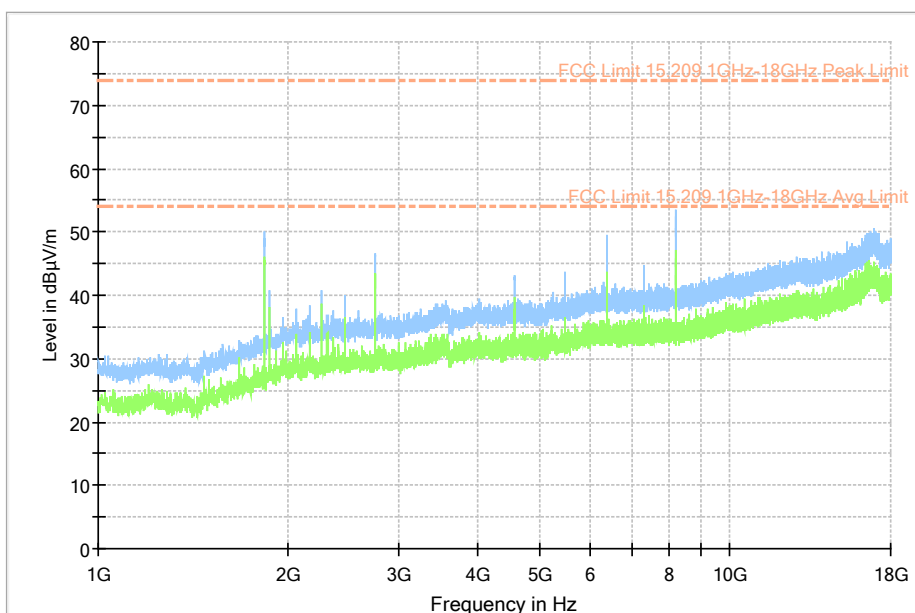


Channel 3 (914.325 MHz)

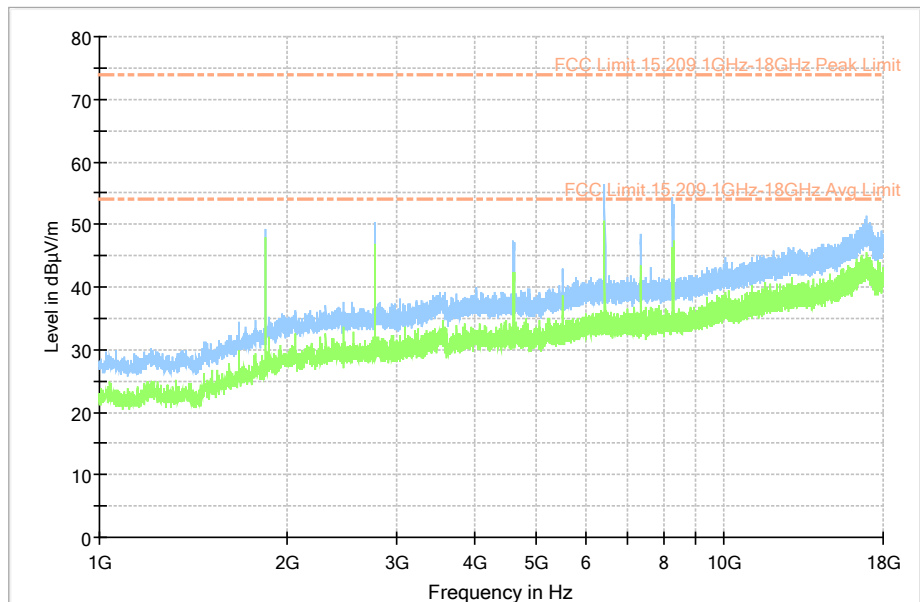
Note : Peak Graph Vertical (Blue), Average Graph Vertical (Green)

**Channel 4 (915.325 MHz)**

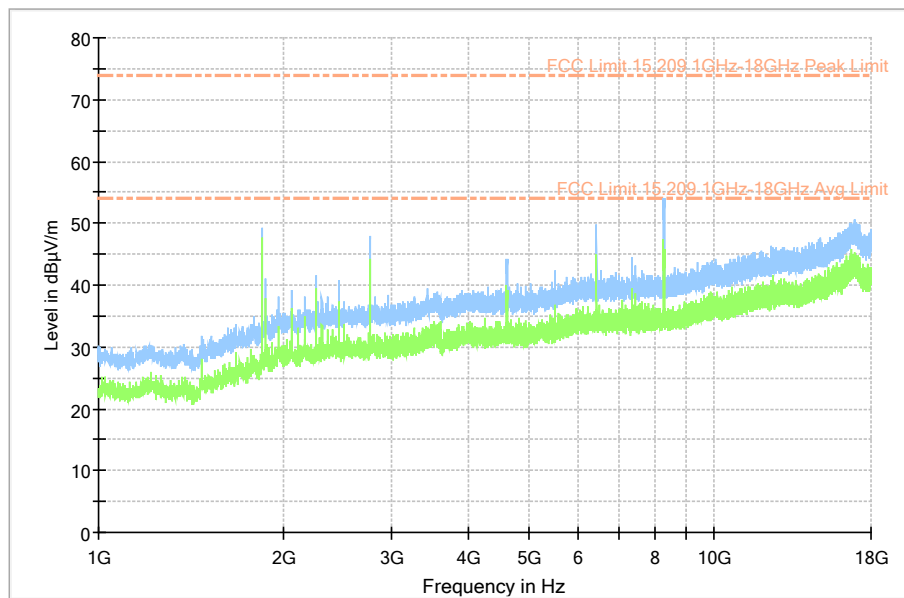
Note : Peak Graph Horizontal (Blue), Average Graph Horizontal (Green)

**Channel 4 (915.325 MHz)**

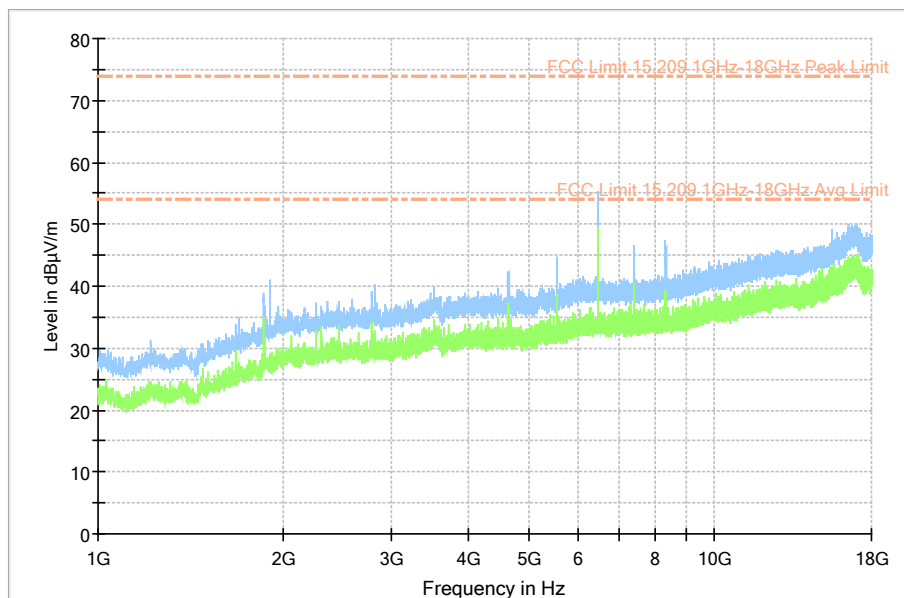
Note : Peak Graph Vertical (Blue), Average Graph Vertical (Green)

**Channel 5 (921.575 MHz)**

Note : Peak Graph Horizontal (Blue), Average Graph Horizontal (Green)

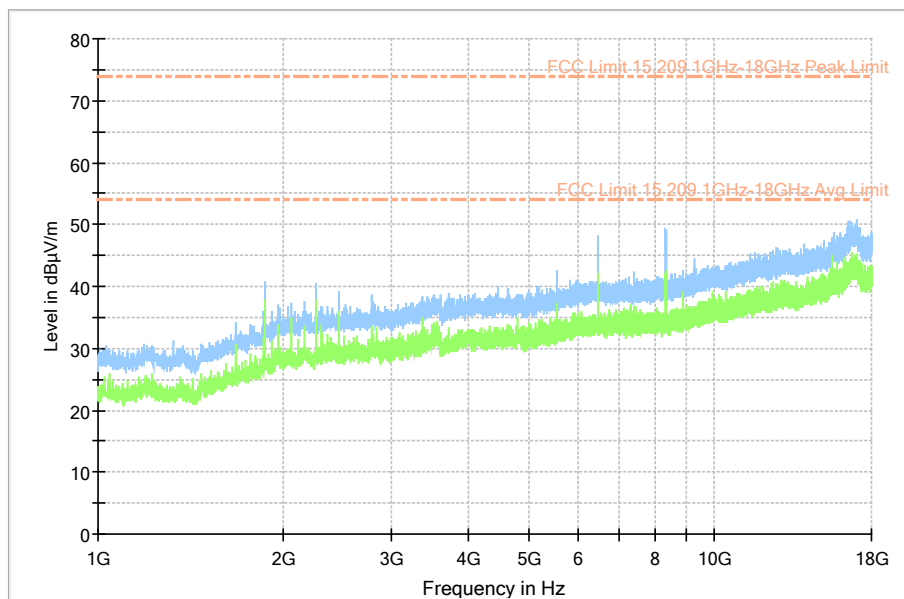
**Channel 5 (921.575 MHz)**

Note : Peak Graph Vertical (Blue), Average Graph Vertical (Green)



Channel 6 (927.125 MHz)

Note : Peak Graph Horizontal (Yellow), Average Graph Horizontal (Blue)



Channel 6 (927.125 MHz)

Note : Peak Graph Vertical (Yellow), Average Graph Vertical (Blue)

| Test Result –1GHz to 18GHz                                                                                                                                                              |           |                              |        |         |         | RESTRICTED BAND - PEAK |            |         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------|--------|---------|---------|------------------------|------------|---------|
| Channel                                                                                                                                                                                 | Frequency | Measured Peak Field Strength | Height | Ant Pol | Azimuth | Margin                 | Peak Limit | Results |
| #                                                                                                                                                                                       | GHz       | dBμV/m                       | (cm)   | H/V     | (Deg)   | dB                     | dBμV/m     |         |
| 1                                                                                                                                                                                       | 2.7       | 51.1                         | 250.0  | H       | 0.0     | 22.9                   | 74         | PASS    |
| 1                                                                                                                                                                                       | 4.5       | 47.4                         | 250.0  | H       | 256.0   | 26.6                   | 74         | PASS    |
| 1                                                                                                                                                                                       | 5.4       | 47.2                         | 250.0  | H       | 92.0    | 26.8                   | 74         | PASS    |
| 1                                                                                                                                                                                       | 8.1       | 54.6                         | 200.0  | H       | 83.0    | 19.4                   | 74         | PASS    |
| 1                                                                                                                                                                                       | 2.7       | 47.8                         | 200.0  | V       | 181.0   | 26.2                   | 74         | PASS    |
| 1                                                                                                                                                                                       | 4.5       | 44.8                         | 250.0  | V       | 26.0    | 29.2                   | 74         | PASS    |
| 1                                                                                                                                                                                       | 5.4       | 45.0                         | 250.0  | V       | 17.0    | 29.0                   | 74         | PASS    |
| 1                                                                                                                                                                                       | 8.1       | 51.7                         | 200.0  | V       | 0.0     | 22.3                   | 74         | PASS    |
|                                                                                                                                                                                         |           |                              |        |         |         |                        |            |         |
| 2                                                                                                                                                                                       | 2.7       | 51.3                         | 250.0  | H       | 326.0   | 22.7                   | 74         | PASS    |
| 2                                                                                                                                                                                       | 4.5       | 47.6                         | 250.0  | H       | 269.0   | 26.4                   | 74         | PASS    |
| 2                                                                                                                                                                                       | 5.4       | 46.3                         | 200.0  | H       | 69.0    | 27.7                   | 74         | PASS    |
| 2                                                                                                                                                                                       | 7.26      | 51.8                         | 200.0  | H       | 328.0   | 22.2                   | 74         | PASS    |
| 2                                                                                                                                                                                       | 8.1       | 55.1                         | 200.0  | H       | 91.0    | 18.9                   | 74         | PASS    |
| 2                                                                                                                                                                                       | 2.7       | 47.7                         | 150.0  | V       | 50.0    | 26.3                   | 74         | PASS    |
| 2                                                                                                                                                                                       | 4.54      | 42.4                         | 100.0  | V       | 58.0    | 31.6                   | 74         | PASS    |
| 2                                                                                                                                                                                       | 5.44      | 45.3                         | 250.0  | V       | 13.0    | 28.7                   | 74         | PASS    |
| 2                                                                                                                                                                                       | 7.26      | 44.0                         | 250.0  | V       | 238.0   | 30.0                   | 74         | PASS    |
| 2                                                                                                                                                                                       | 8.17      | 52.5                         | 200.0  | V       | 0.0     | 21.5                   | 74         | PASS    |
|                                                                                                                                                                                         |           |                              |        |         |         |                        |            |         |
| 3                                                                                                                                                                                       | 3.6       | 39.5                         | 250.0  | H       | 12.0    | 34.5                   | 74         | PASS    |
| 3                                                                                                                                                                                       | 4.5       | 42.0                         | 200.0  | H       | 275.0   | 32.0                   | 74         | PASS    |
| 3                                                                                                                                                                                       | 7.3       | 49.1                         | 200.0  | H       | 325.0   | 24.9                   | 74         | PASS    |
| 3                                                                                                                                                                                       | 8.2       | 49.5                         | 200.0  | H       | 227.0   | 24.5                   | 74         | PASS    |
| 3                                                                                                                                                                                       | 9.1       | 45.0                         | 200.0  | H       | 151.0   | 29.0                   | 74         | PASS    |
| 3                                                                                                                                                                                       | 2.2       | 40.1                         | 150.0  | V       | 218.0   | 33.9                   | 74         | PASS    |
| 3                                                                                                                                                                                       | 2.25      | 41.6                         | 150.0  | V       | 92.0    | 32.4                   | 74         | PASS    |
| 3                                                                                                                                                                                       | 2.41      | 44.1                         | 200.0  | V       | 270.0   | 29.9                   | 74         | PASS    |
| 3                                                                                                                                                                                       | 2.45      | 49.6                         | 150.0  | V       | 249.0   | 24.4                   | 74         | PASS    |
| 3                                                                                                                                                                                       | 8.2       | 48.2                         | 200.0  | V       | 0.0     | 25.8                   | 74         | PASS    |
|                                                                                                                                                                                         |           |                              |        |         |         |                        |            |         |
| <b>Note :</b><br>Measured Peak Field Strength (dBuV/m) = Receiver Readings (dBuV) + Antenna Factor (dB/m) + Cable loss (dB) + Filter Insertion loss (dB) – Ext. Pre amplifier Gain (dB) |           |                              |        |         |         |                        |            |         |



| Test Result –1GHz to 18GHz                                                                                                                                                         |           |                              |        |         |         | RESTRICTED BAND - PEAK |            |         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------|--------|---------|---------|------------------------|------------|---------|
| Channel                                                                                                                                                                            | Frequency | Measured Peak Field Strength | Height | Ant Pol | Azimuth | Margin                 | Peak Limit | Results |
| #                                                                                                                                                                                  | GHz       | dBμV/m                       | (cm)   | H/V     | (Deg)   | dB                     | dBμV/m     |         |
| 4                                                                                                                                                                                  | 2.7       | 50.1                         | 102.0  | H       | 345.0   | 23.9                   | 74         | PASS    |
| 4                                                                                                                                                                                  | 4.5       | 47.0                         | 250.0  | H       | 257.0   | 27.0                   | 74         | PASS    |
| 4                                                                                                                                                                                  | 7.3       | 49.8                         | 200.0  | H       | 317.0   | 24.2                   | 74         | PASS    |
| 4                                                                                                                                                                                  | 8.2       | 54.6                         | 200.0  | H       | 83.0    | 19.4                   | 74         | PASS    |
| 4                                                                                                                                                                                  | 2.7       | 46.6                         | 250.0  | V       | 10.0    | 27.4                   | 74         | PASS    |
| 4                                                                                                                                                                                  | 4.5       | 43.2                         | 150.0  | V       | 340.0   | 30.8                   | 74         | PASS    |
| 4                                                                                                                                                                                  | 7.3       | 44.7                         | 200.0  | V       | 332.0   | 29.3                   | 74         | PASS    |
| 4                                                                                                                                                                                  | 8.2       | 53.6                         | 200.0  | V       | 359.0   | 20.4                   | 74         | PASS    |
| 5                                                                                                                                                                                  | 2.7       | 50.3                         | 100.0  | H       | 324.0   | 23.7                   | 74         | PASS    |
| 5                                                                                                                                                                                  | 4.6       | 47.4                         | 250.0  | H       | 256.0   | 26.6                   | 74         | PASS    |
| 5                                                                                                                                                                                  | 7.3       | 48.6                         | 200.0  | H       | 309.0   | 25.4                   | 74         | PASS    |
| 5                                                                                                                                                                                  | 8.2       | 54.4                         | 200.0  | H       | 80.0    | 19.6                   | 74         | PASS    |
| 5                                                                                                                                                                                  | 2.7       | 48.1                         | 100.0  | V       | 0.0     | 25.9                   | 74         | PASS    |
| 5                                                                                                                                                                                  | 4.6       | 44.3                         | 100.0  | V       | 57.0    | 29.7                   | 74         | PASS    |
| 5                                                                                                                                                                                  | 7.3       | 44.4                         | 200.0  | V       | 0.0     | 29.6                   | 74         | PASS    |
| 5                                                                                                                                                                                  | 8.2       | 54.0                         | 200.0  | V       | 0.0     | 20.0                   | 74         | PASS    |
| 6                                                                                                                                                                                  | 2.82      | 40.2                         | 250.0  | H       | 17.0    | 33.8                   | 74         | PASS    |
| 6                                                                                                                                                                                  | 4.63      | 42.3                         | 200.0  | H       | 276.0   | 31.7                   | 74         | PASS    |
| 6                                                                                                                                                                                  | 7.41      | 46.7                         | 200.0  | H       | 323.0   | 27.3                   | 74         | PASS    |
| 6                                                                                                                                                                                  | 8.34      | 47.4                         | 200.0  | H       | 111.0   | 26.6                   | 74         | PASS    |
| 6                                                                                                                                                                                  | 2.25      | 40.4                         | 150.0  | V       | 356.0   | 33.6                   | 74         | PASS    |
| 6                                                                                                                                                                                  | 2.45      | 39.1                         | 150.0  | V       | 0.0     | 34.9                   | 74         | PASS    |
| 6                                                                                                                                                                                  | 3.70      | 38.9                         | 100.0  | V       | 324.0   | 35.1                   | 74         | PASS    |
| 6                                                                                                                                                                                  | 8.34      | 49.3                         | 200.0  | V       | 0.0     | 24.7                   | 74         | PASS    |
| <b>Note :</b><br>Measured Peak Field Strength (dBμV/m) = Receiver Readings (dBμV) + Antenna Factor (dB/m) + Cable loss (dB) + Filter Insertion loss – Ext. Pre amplifier Gain (dB) |           |                              |        |         |         |                        |            |         |

| Test Result –1GHz to 18GHz                                                                                                                                                                 |                  |                                              |              |                  |                | RESTRICTED BAND - AVERAGE |                         |         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------------------------------|--------------|------------------|----------------|---------------------------|-------------------------|---------|
| Channel<br>#                                                                                                                                                                               | Frequency<br>GHz | Measured<br>Average Field Strength<br>dBμV/m | Height<br>cm | Ant Pol<br>H / V | Azimuth<br>deg | Margin<br>dB              | Average Limit<br>dBμV/m | Results |
| 1                                                                                                                                                                                          | 2.70             | 49.1                                         | 250.0        | H                | 0.0            | 4.9                       | 54                      | PASS    |
| 1                                                                                                                                                                                          | 4.51             | 41.5                                         | 250.0        | H                | 256.0          | 12.5                      | 54                      | PASS    |
| 1                                                                                                                                                                                          | 5.41             | 42.7                                         | 250.0        | H                | 92.0           | 11.3                      | 54                      | PASS    |
| 1                                                                                                                                                                                          | 8.12             | 47.9                                         | 200.0        | H                | 69.0           | 6.1                       | 54                      | PASS    |
| 1                                                                                                                                                                                          | 2.26             | 37.7                                         | 150.0        | V                | 159.0          | 16.3                      | 54                      | PASS    |
| 1                                                                                                                                                                                          | 2.70             | 45.2                                         | 200.0        | V                | 252.0          | 8.8                       | 54                      | PASS    |
| 1                                                                                                                                                                                          | 5.41             | 39.8                                         | 250.0        | V                | 17.0           | 14.2                      | 54                      | PASS    |
| 1                                                                                                                                                                                          | 8.13             | 44.5                                         | 200.0        | V                | 0.0            | 9.5                       | 54                      | PASS    |
|                                                                                                                                                                                            |                  |                                              |              |                  |                |                           |                         |         |
| 2                                                                                                                                                                                          | 2.72             | 49.3                                         | 250.0        | H                | 339.0          | 4.7                       | 54                      | PASS    |
| 2                                                                                                                                                                                          | 4.54             | 42.5                                         | 250.0        | H                | 269.0          | 11.5                      | 54                      | PASS    |
| 2                                                                                                                                                                                          | 5.45             | 40.9                                         | 200.0        | H                | 58.0           | 13.1                      | 54                      | PASS    |
| 2                                                                                                                                                                                          | 7.26             | 44.0                                         | 200.0        | H                | 328.0          | 10.0                      | 54                      | PASS    |
| 2                                                                                                                                                                                          | 8.17             | 49.0                                         | 200.0        | H                | 91.0           | 5.0                       | 54                      | PASS    |
| 2                                                                                                                                                                                          | 2.26             | 38.4                                         | 150.0        | V                | 0.0            | 15.6                      | 54                      | PASS    |
| 2                                                                                                                                                                                          | 2.72             | 45.2                                         | 150.0        | V                | 50.0           | 8.8                       | 54                      | PASS    |
| 2                                                                                                                                                                                          | 5.45             | 38.6                                         | 250.0        | V                | 0.0            | 15.4                      | 54                      | PASS    |
| 2                                                                                                                                                                                          | 7.26             | 38.0                                         | 250.0        | V                | 258.0          | 16.0                      | 54                      | PASS    |
| 2                                                                                                                                                                                          | 8.17             | 46.4                                         | 200.0        | V                | 46.0           | 7.6                       | 54                      | PASS    |
|                                                                                                                                                                                            |                  |                                              |              |                  |                |                           |                         |         |
| 3                                                                                                                                                                                          | 2.74             | 34.7                                         | 100.0        | H                | 326.0          | 19.3                      | 54                      | PASS    |
| 3                                                                                                                                                                                          | 4.57             | 35.7                                         | 250.0        | H                | 266.0          | 18.3                      | 54                      | PASS    |
| 3                                                                                                                                                                                          | 7.32             | 41.9                                         | 200.0        | H                | 325.0          | 12.1                      | 54                      | PASS    |
| 3                                                                                                                                                                                          | 8.23             | 44.0                                         | 200.0        | H                | 100.0          | 10.0                      | 54                      | PASS    |
| 3                                                                                                                                                                                          | 2.41             | 38.9                                         | 200.0        | V                | 270.0          | 15.1                      | 54                      | PASS    |
| 3                                                                                                                                                                                          | 2.45             | 46.0                                         | 150.0        | V                | 249.0          | 8.0                       | 54                      | PASS    |
| 3                                                                                                                                                                                          | 8.22             | 42.1                                         | 200.0        | V                | 46.0           | 11.9                      | 54                      | PASS    |
|                                                                                                                                                                                            |                  |                                              |              |                  |                |                           |                         |         |
| <b>Note :</b><br>Measured Average Field Strength (dBuV/m) = Receiver Readings (dBuV) + Antenna Factor (dB/m) + Cable loss (dB) + Filter Insertion loss (dB) – Ext. Pre amplifier Gain (dB) |                  |                                              |              |                  |                |                           |                         |         |

| Test Result –1GHz to 18GHz                                                                                                                                                                |           |                        |        |         | RESTRICTED BAND - AVERAGE |        |               |         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------|--------|---------|---------------------------|--------|---------------|---------|
| Channel                                                                                                                                                                                   | Frequency | Measured               | Height | Ant Pol | Azimuth                   | Margin | Average Limit | Results |
| I                                                                                                                                                                                         |           | Average Field Strength |        |         |                           |        |               |         |
| #                                                                                                                                                                                         | GHz       | dBμV/m                 | cm     | H / V   | deg                       | dB     | dBμV/m        |         |
| 4                                                                                                                                                                                         | 2.74      | 46.3                   | 250.0  | H       | 0.0                       | 7.7    | 54            | PASS    |
| 4                                                                                                                                                                                         | 4.57      | 41.9                   | 250.0  | H       | 246.0                     | 12.1   | 54            | PASS    |
| 4                                                                                                                                                                                         | 7.32      | 43.1                   | 200.0  | H       | 0.0                       | 10.9   | 54            | PASS    |
| 4                                                                                                                                                                                         | 8.24      | 48.5                   | 200.0  | H       | 83.0                      | 5.5    | 54            | PASS    |
| 4                                                                                                                                                                                         | 2.25      | 38.7                   | 150.0  | V       | 228.0                     | 15.3   | 54            | PASS    |
| 4                                                                                                                                                                                         | 2.75      | 43.4                   | 101.0  | V       | 0.0                       | 10.6   | 54            | PASS    |
| 4                                                                                                                                                                                         | 4.57      | 39.6                   | 150.0  | V       | 340.0                     | 14.4   | 54            | PASS    |
| 4                                                                                                                                                                                         | 7.32      | 38.3                   | 200.0  | V       | 341.0                     | 15.7   | 54            | PASS    |
| 4                                                                                                                                                                                         | 8.24      | 47.3                   | 200.0  | V       | 359.0                     | 6.7    | 54            | PASS    |
|                                                                                                                                                                                           |           |                        |        |         |                           |        |               |         |
| 5                                                                                                                                                                                         | 2.76      | 47.0                   | 100.0  | H       | 324.0                     | 7.0    | 54            | PASS    |
| 5                                                                                                                                                                                         | 4.60      | 42.3                   | 250.0  | H       | 256.0                     | 11.7   | 54            | PASS    |
| 5                                                                                                                                                                                         | 7.37      | 43.3                   | 200.0  | H       | 328.0                     | 10.7   | 54            | PASS    |
| 5                                                                                                                                                                                         | 8.29      | 46.3                   | 200.0  | H       | 80.0                      | 7.7    | 54            | PASS    |
| 5                                                                                                                                                                                         | 2.29      | 47.5                   | 200.0  | H       | 80.0                      | 6.5    | 54            | PASS    |
| 5                                                                                                                                                                                         | 2.25      | 39.5                   | 150.0  | H       | 8.0                       | 14.5   | 54            | PASS    |
| 5                                                                                                                                                                                         | 2.76      | 44.2                   | 100.0  | H       | 0.0                       | 9.8    | 54            | PASS    |
| 5                                                                                                                                                                                         | 4.60      | 39.9                   | 100.0  | H       | 0.0                       | 14.1   | 54            | PASS    |
| 5                                                                                                                                                                                         | 7.37      | 39.5                   | 200.0  | H       | 46.0                      | 14.5   | 54            | PASS    |
| 5                                                                                                                                                                                         | 8.29      | 47.4                   | 200.0  | H       | 0.0                       | 6.6    | 54            | PASS    |
|                                                                                                                                                                                           |           |                        |        |         |                           |        |               |         |
| 6                                                                                                                                                                                         | 4.63      | 37.4                   | 250.0  | H       | 5.0                       | 16.6   | 54            | PASS    |
| 6                                                                                                                                                                                         | 7.42      | 40.4                   | 200.0  | H       | 323.0                     | 13.6   | 54            | PASS    |
| 6                                                                                                                                                                                         | 8.34      | 39.4                   | 200.0  | H       | 111.0                     | 14.6   | 54            | PASS    |
| 6                                                                                                                                                                                         | 2.25      | 37.8                   | 150.0  | V       | 356.0                     | 16.2   | 54            | PASS    |
| 6                                                                                                                                                                                         | 8.35      | 42.6                   | 200.0  | V       | 0.0                       | 11.4   | 54            | PASS    |
|                                                                                                                                                                                           |           |                        |        |         |                           |        |               |         |
| <b>Note :</b><br>Measured Average Field Strength (dBuV/m) = Receiver Readings (dBuV) + Antenna Factor (dB/m) + Cable loss (dB) + Filter Insertion loss (dB)– Ext. Pre amplifier Gain (dB) |           |                        |        |         |                           |        |               |         |

| Test Result –1GHz to 18GHz                                                                                                                                             |                      |      |                              |        |         |         | NON RESTRICTED BAND - PEAK        |        |        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------|------------------------------|--------|---------|---------|-----------------------------------|--------|--------|
| Channel                                                                                                                                                                | Measured Fundamental | Freq | Measured Peak Field Strength | Height | Ant Pol | Azimuth | Peak Limit [ Fundamental – 20dBc] | Margin | Result |
| #                                                                                                                                                                      | dBµV/m               | GHz  | dBµV/m                       | cm     | H / V   | deg     | dBµV/m                            | dB     |        |
| 1                                                                                                                                                                      | 94.9                 | 1.8  | 53.4                         | 200    | H       | 46      | 74.9                              | 21.5   | PASS   |
| 1                                                                                                                                                                      | 94.9                 | 6.3  | 55.1                         | 200    | H       | 354     | 74.9                              | 19.8   | PASS   |
| 1                                                                                                                                                                      | 94.9                 | 7.2  | 51.7                         | 200    | H       | 336     | 74.9                              | 23.2   | PASS   |
| 1                                                                                                                                                                      | 94.9                 | 1.8  | 51.4                         | 150    | V       | 208     | 74.9                              | 23.5   | PASS   |
| 1                                                                                                                                                                      | 94.9                 | 6.3  | 49.1                         | 200    | V       | 309     | 74.9                              | 25.8   | PASS   |
| 1                                                                                                                                                                      | 94.9                 | 7.22 | 46                           | 200    | V       | 337     | 74.9                              | 28.9   | PASS   |
|                                                                                                                                                                        |                      |      |                              |        |         |         |                                   |        |        |
| 2                                                                                                                                                                      | 94.3                 | 1.82 | 50.5                         | 200    | H       | 34      | 74.3                              | 23.8   | PASS   |
| 2                                                                                                                                                                      | 94.3                 | 6.36 | 55.6                         | 200    | H       | 0       | 74.3                              | 18.7   | PASS   |
| 2                                                                                                                                                                      | 94.3                 | 1.82 | 51.6                         | 100    | V       | 153     | 74.3                              | 22.7   | PASS   |
| 2                                                                                                                                                                      | 94.3                 | 6.36 | 48.7                         | 250    | V       | 187     | 74.3                              | 25.6   | PASS   |
| 3                                                                                                                                                                      | 94.3                 | 5.49 | 47.1                         | 200    | H       | 58      | 74.3                              | 27.2   | PASS   |
| 3                                                                                                                                                                      | 94.3                 | 6.3  | 55.9                         | 200    | H       | 353     | 74.3                              | 18.4   | PASS   |
|                                                                                                                                                                        |                      |      |                              |        |         |         |                                   |        |        |
| 3                                                                                                                                                                      | 84.9                 | 1.8  | 40.4                         | 150    | V       | 0       | 64.9                              | 24.5   | PASS   |
| 3                                                                                                                                                                      | 84.9                 | 2.4  | 39.9                         | 100    | V       | 355     | 64.9                              | 25     | PASS   |
| 3                                                                                                                                                                      | 84.9                 | 3.5  | 39.5                         | 200    | V       | 61      | 64.9                              | 25.4   | PASS   |
| 3                                                                                                                                                                      | 84.9                 | 5.49 | 45.2                         | 250    | V       | 0       | 64.9                              | 19.7   | PASS   |
| 3                                                                                                                                                                      | 84.9                 | 6.4  | 49.6                         | 200    | V       | 298     | 64.9                              | 15.3   | PASS   |
|                                                                                                                                                                        |                      |      |                              |        |         |         |                                   |        |        |
| 4                                                                                                                                                                      | 92.9                 | 1.83 | 48.9                         | 150    | H       | 15      | 72.9                              | 24     | PASS   |
| 4                                                                                                                                                                      | 92.9                 | 5.49 | 43.9                         | 200    | H       | 115     | 72.9                              | 29     | PASS   |
| 4                                                                                                                                                                      | 92.9                 | 6.4  | 55.8                         | 200    | H       | 335     | 72.9                              | 17.1   | PASS   |
| 4                                                                                                                                                                      | 92.9                 | 1.82 | 50.1                         | 150    | V       | 179     | 72.9                              | 22.8   | PASS   |
| 4                                                                                                                                                                      | 92.9                 | 5.49 | 43.6                         | 250    | V       | 19      | 72.9                              | 29.3   | PASS   |
| 4                                                                                                                                                                      | 92.9                 | 6.4  | 49.5                         | 200    | V       | 295     | 72.9                              | 23.4   | PASS   |
|                                                                                                                                                                        |                      |      |                              |        |         |         |                                   |        |        |
| 5                                                                                                                                                                      | 94.7                 | 1.8  | 49.3                         | 150    | H       | 24      | 74.7                              | 25.4   | PASS   |
| 5                                                                                                                                                                      | 94.7                 | 5.52 | 43                           | 200    | H       | 252     | 74.7                              | 31.7   | PASS   |
| 5                                                                                                                                                                      | 94.7                 | 6.44 | 56.3                         | 200    | H       | 356     | 74.7                              | 18.4   | PASS   |
| 5                                                                                                                                                                      | 94.7                 | 1.84 | 49.3                         | 100    | V       | 183     | 74.7                              | 25.4   | PASS   |
| 5                                                                                                                                                                      | 94.7                 | 5.53 | 42.4                         | 250    | V       | 0       | 74.7                              | 32.3   | PASS   |
| 5                                                                                                                                                                      | 94.7                 | 6.44 | 49.8                         | 200    | V       | 297     | 74.7                              | 24.9   | PASS   |
|                                                                                                                                                                        |                      |      |                              |        |         |         |                                   |        |        |
| 6                                                                                                                                                                      | 84.2                 | 1.9  | 41                           | 250    | H       | 5       | 64.2                              | 23.2   | PASS   |
| 6                                                                                                                                                                      | 84.2                 | 5.56 | 44.8                         | 200    | H       | 132     | 64.2                              | 19.4   | PASS   |
| 6                                                                                                                                                                      | 84.2                 | 6.49 | 55.5                         | 200    | H       | 344     | 64.2                              | 8.7    | PASS   |
| 6                                                                                                                                                                      | 84.2                 | 1.86 | 40.7                         | 200    | V       | 0       | 64.2                              | 23.5   | PASS   |
| 6                                                                                                                                                                      | 84.2                 | 5.56 | 42.7                         | 250    | V       | 26      | 64.2                              | 21.5   | PASS   |
| 6                                                                                                                                                                      | 84.2                 | 6.48 | 48.1                         | 200    | V       | 0       | 64.2                              | 16.1   | PASS   |
|                                                                                                                                                                        |                      |      |                              |        |         |         |                                   |        |        |
| Note :<br>Measured Peak Field Strength (dBµV/m) = Receiver Readings (dBµV) + Antenna Factor (dB/m) + Cable loss (dB) + Filter Insertion loss - Pre amplifier Gain (dB) |                      |      |                              |        |         |         |                                   |        |        |

# Annexure -1

CONDUCTED RF TEST SETUP PHOTO



Conducted RF Test Setup

**RADIATED EMISSION TEST SETUP PHOTOS**



**Radiated Emission Setup – 9KHz to 30MHz [Perpendicular]**

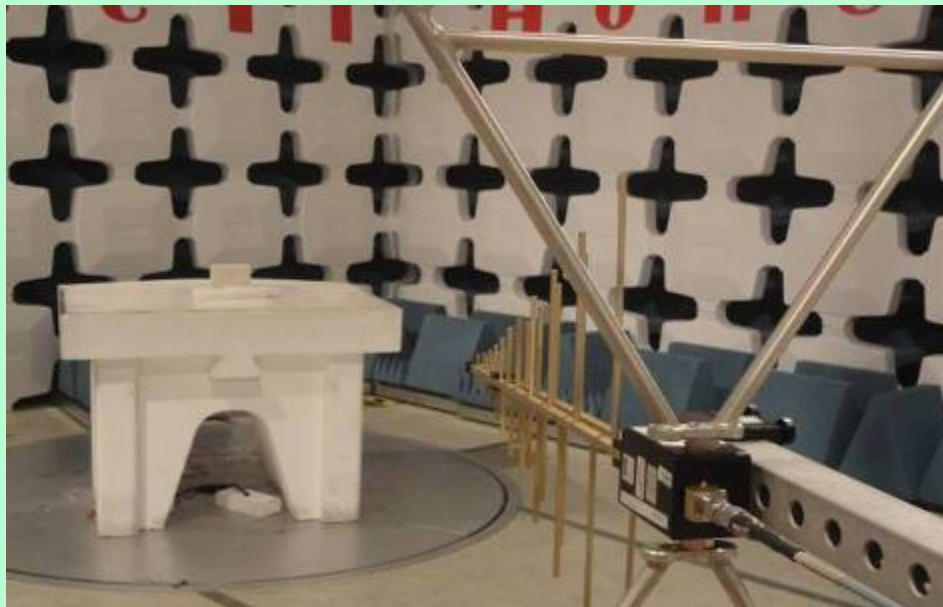


**Radiated Emission Setup – 9KHz to 30MHz [Parallel]**



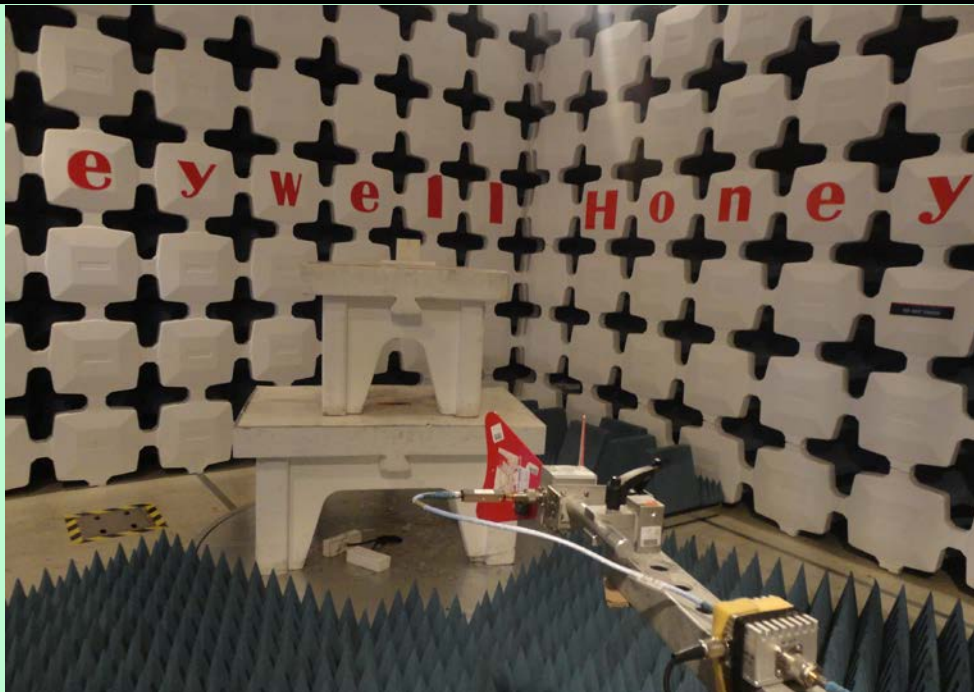


**Radiated Emission Setup – 30MHz to 1GHz [ Horizontal Polarization ]**



**Radiated Emission Setup – 30MHz to 1GHz [ Vertical Polarization ]**





Radiated Emission Setup – 1GHz to 10GHz [Horizontal Polarization]



Radiated Emission Setup – 1GHz to 10 GHz [ Vertical Polarization ]

# END OF TEST REPORT