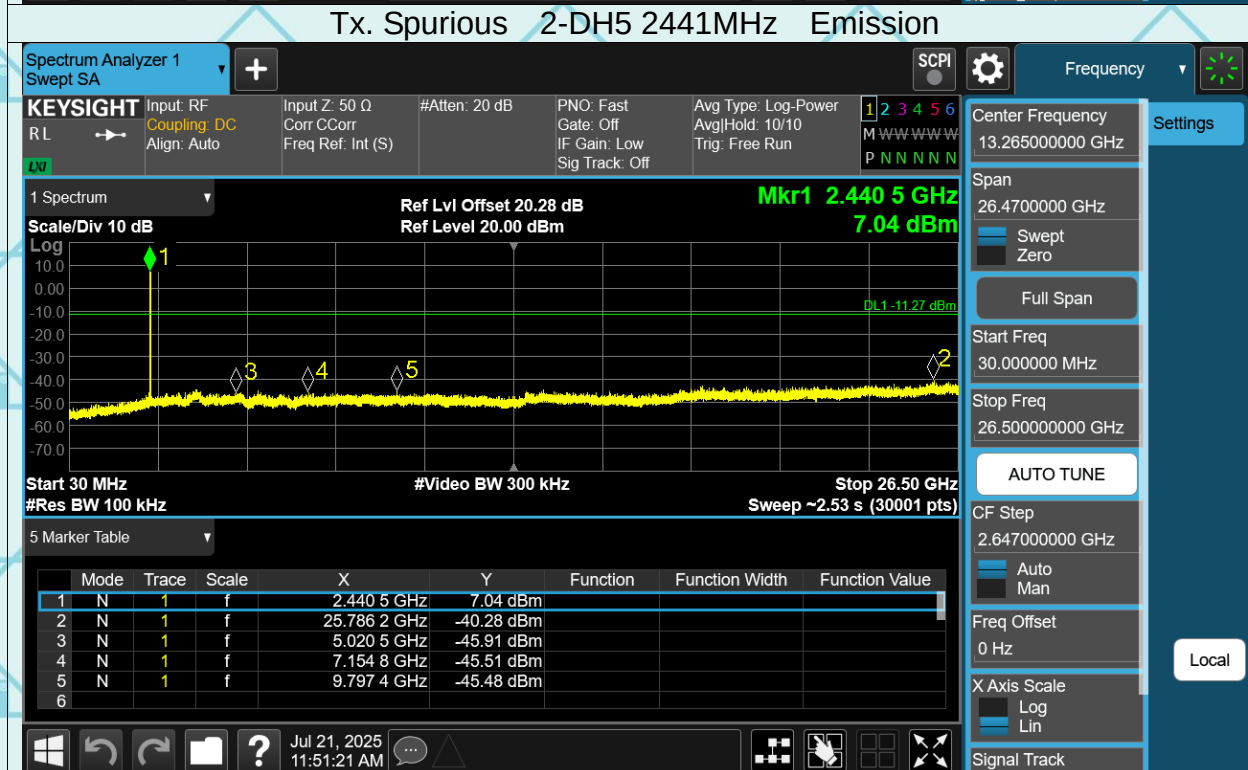
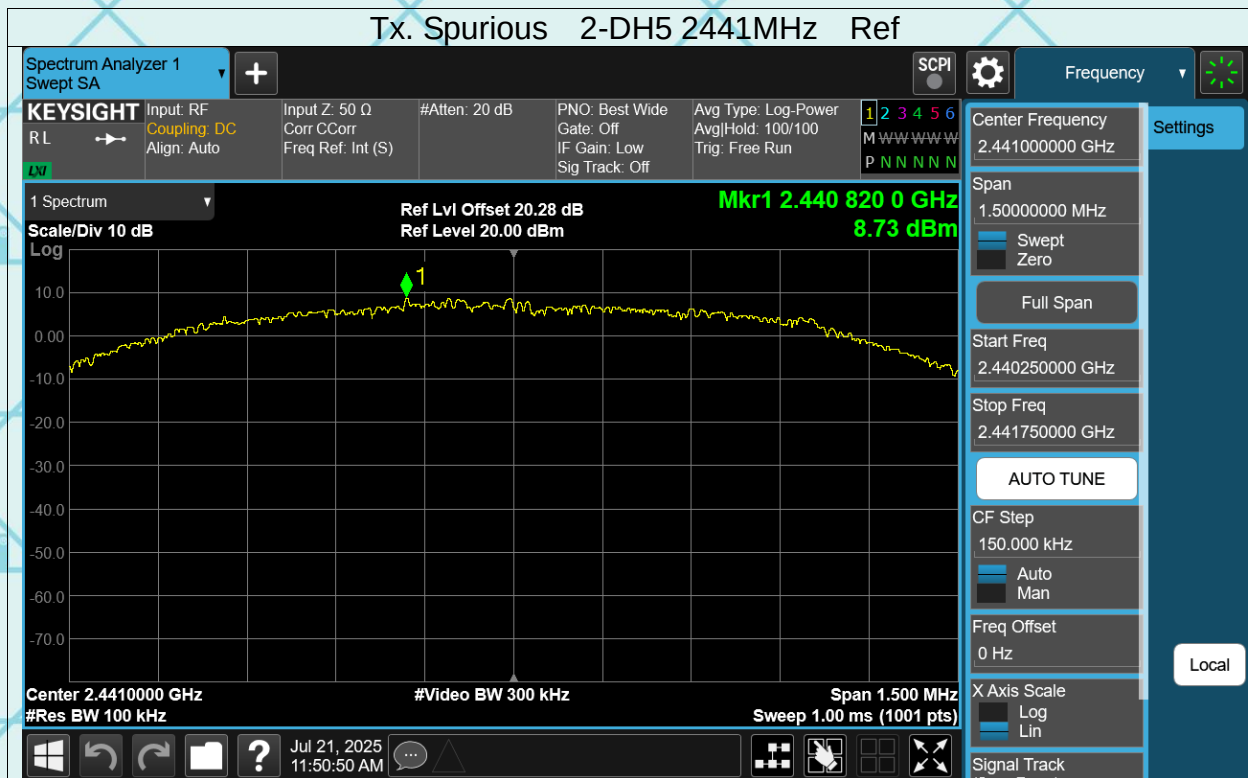
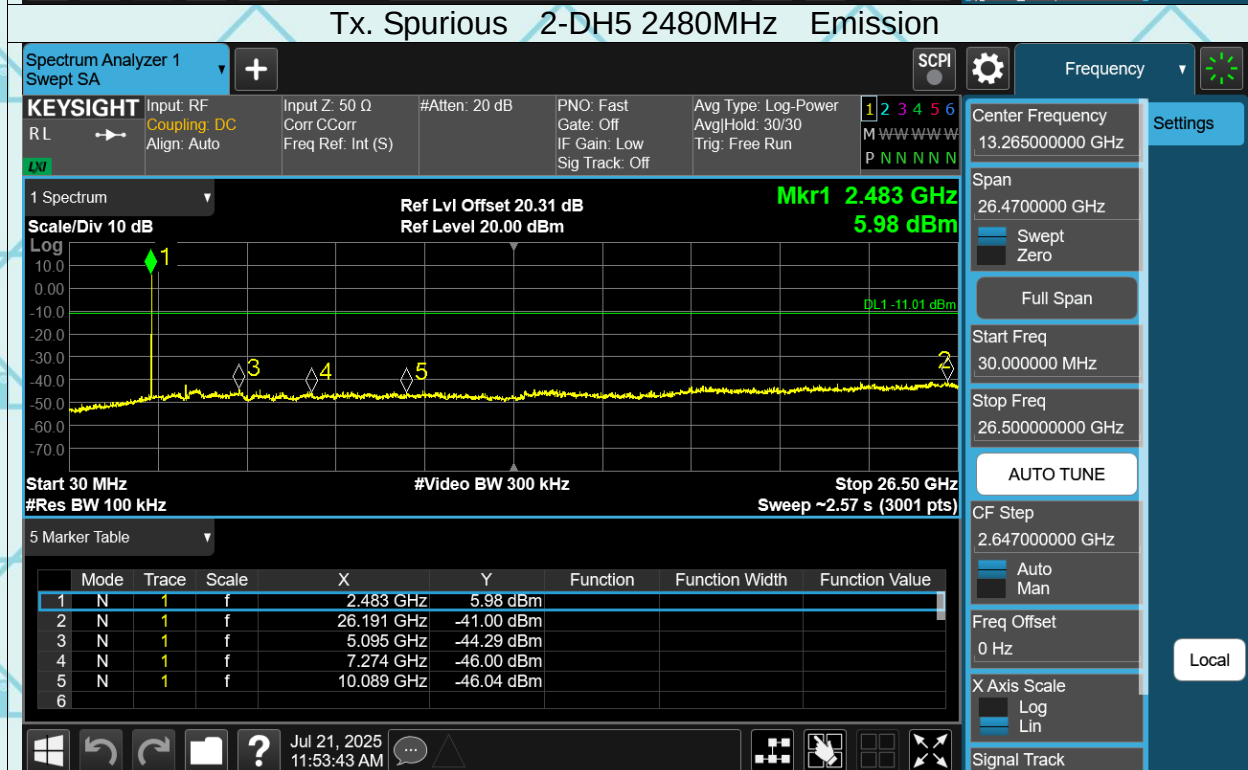
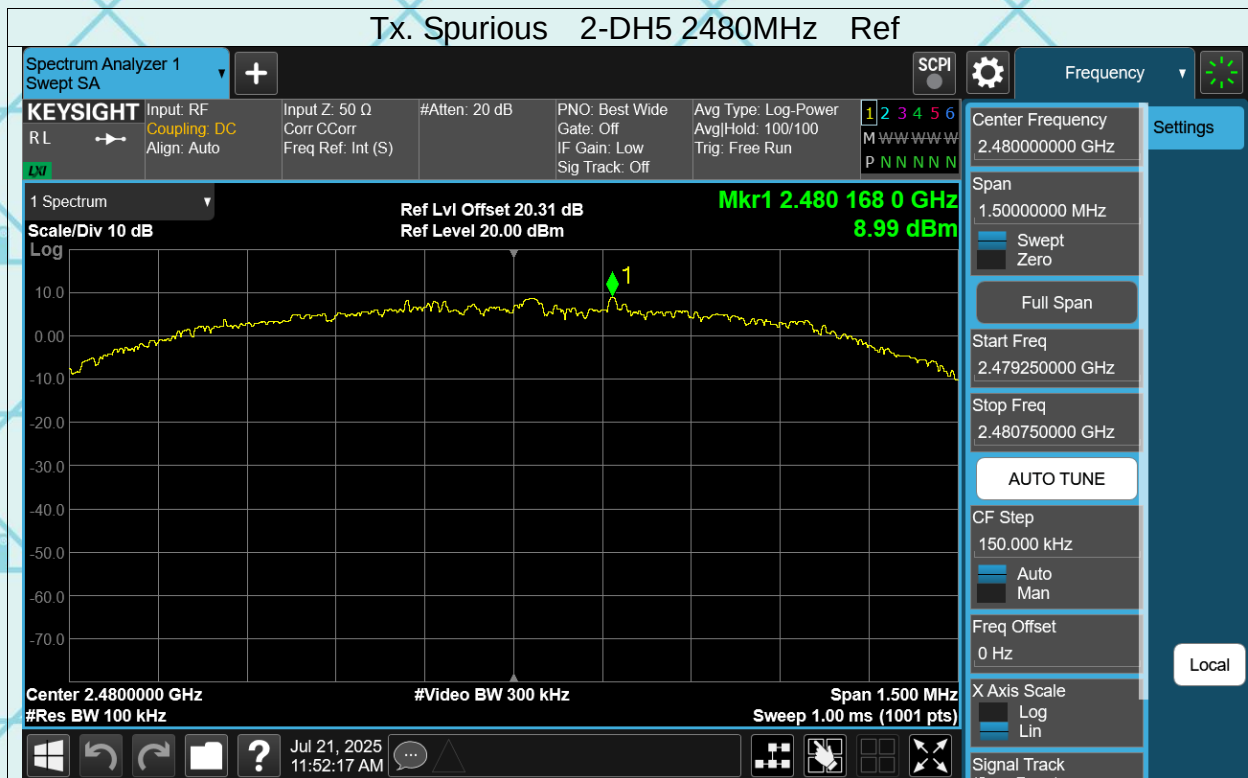


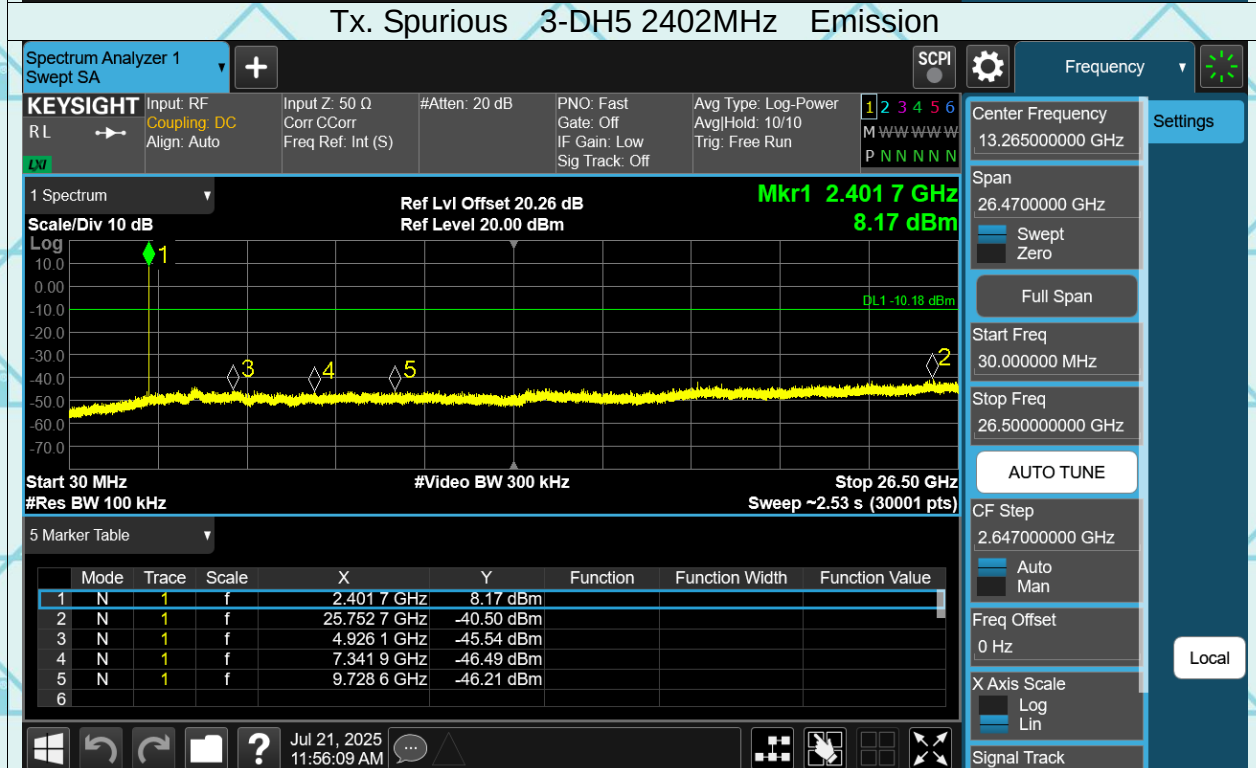
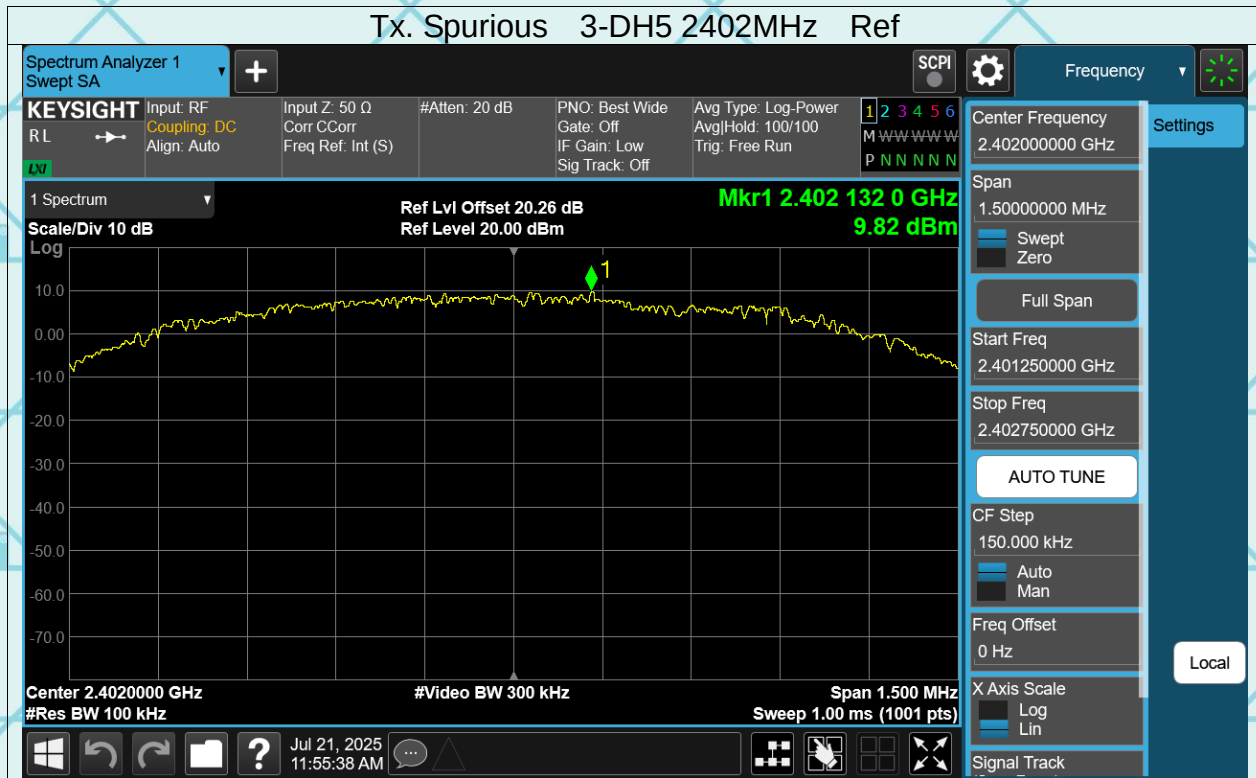
Report No.: WSCT-ANAB-R&E250600047A-BT



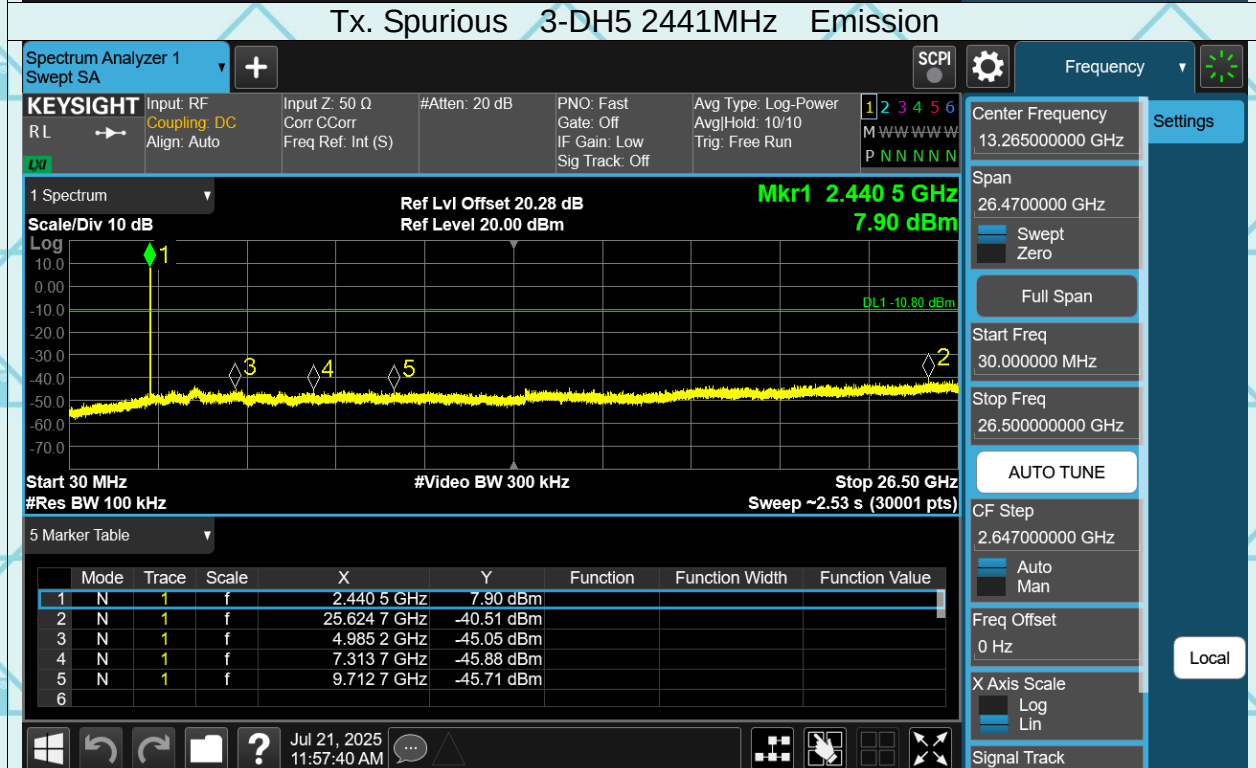
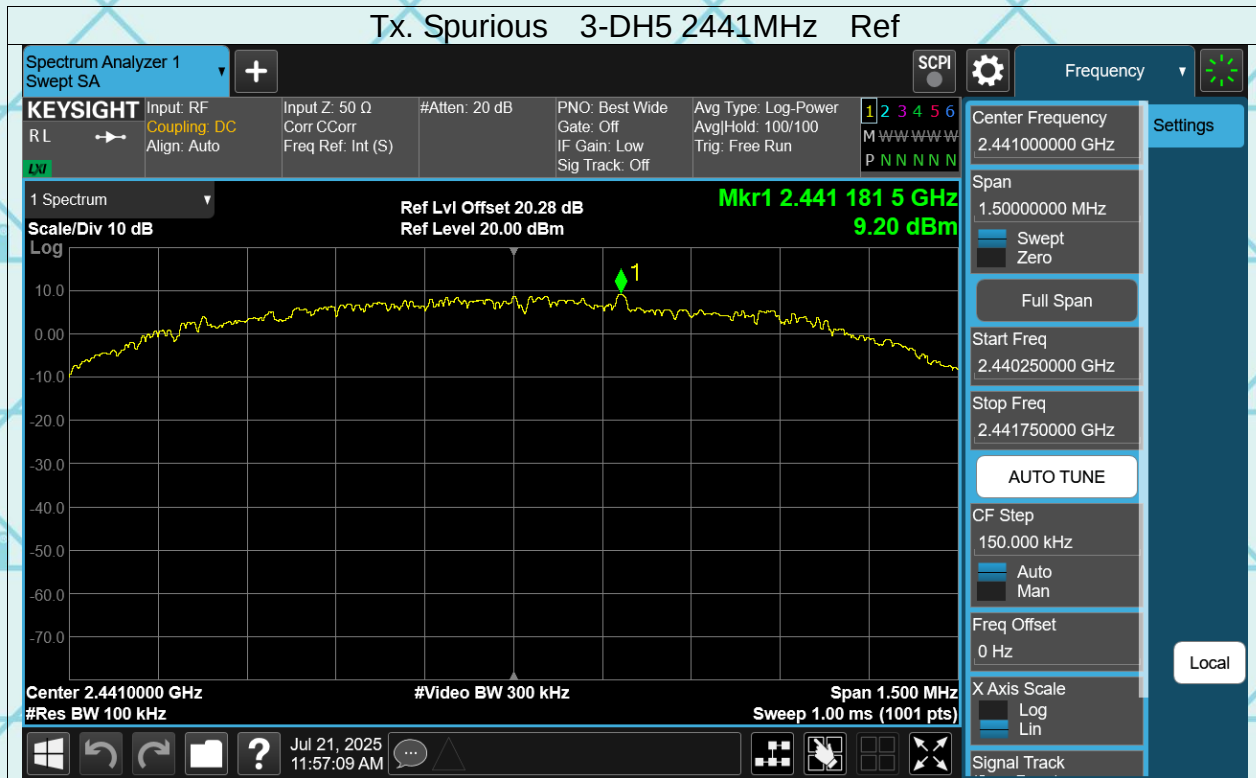
Report No.: WSCT-ANAB-R&E250600047A-BT



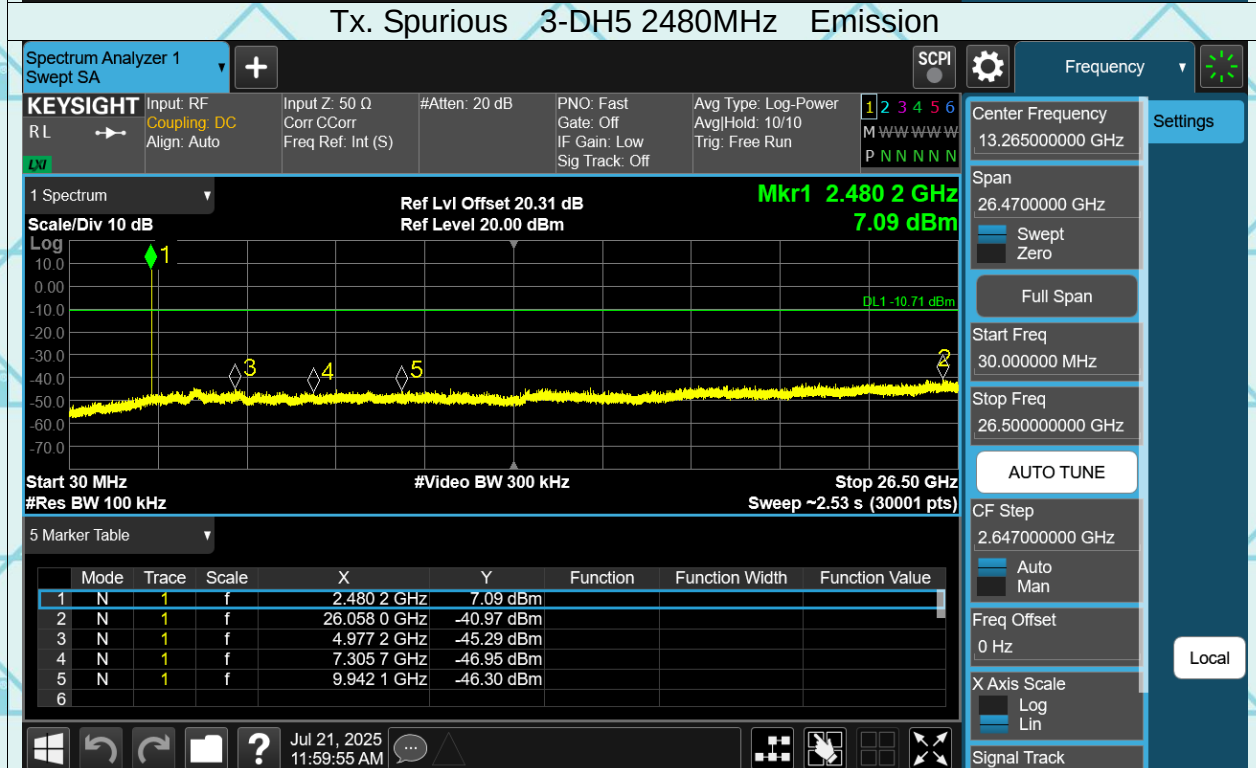
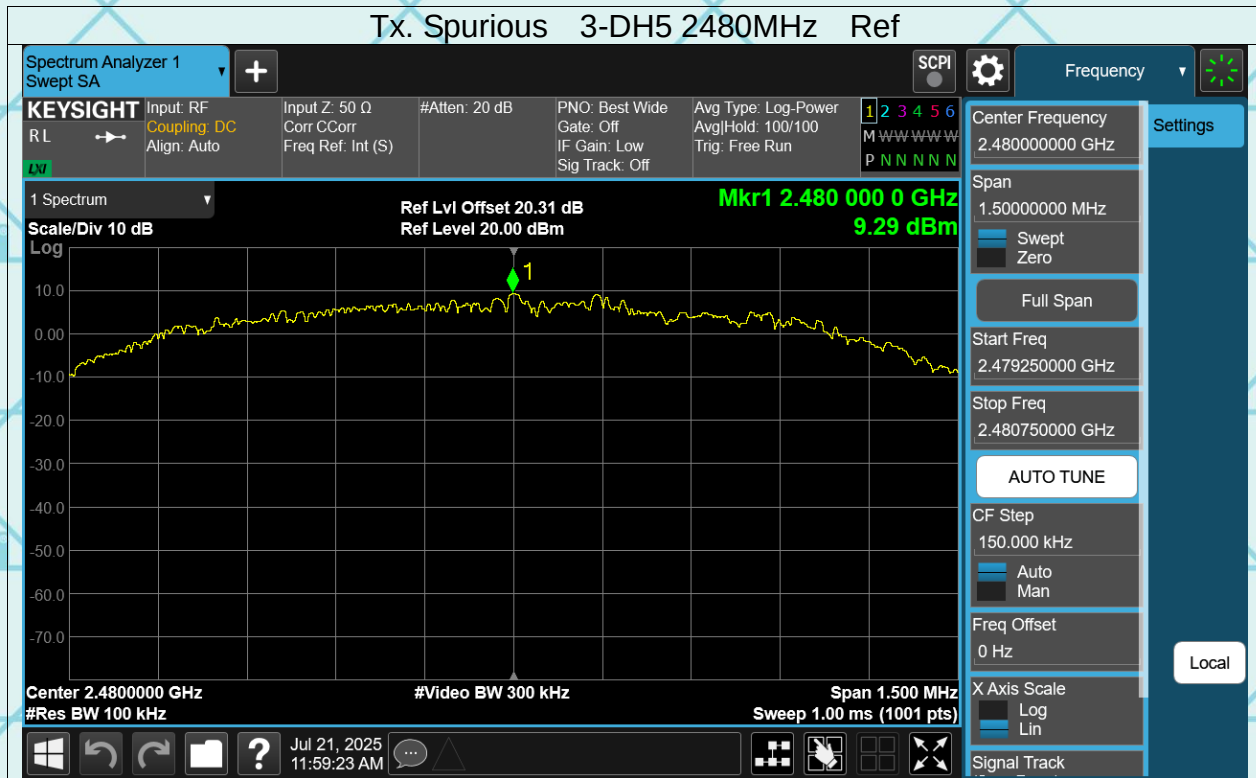
Report No.: WSCT-ANAB-R&E250600047A-BT



Report No.: WSCT-ANAB-R&E250600047A-BT

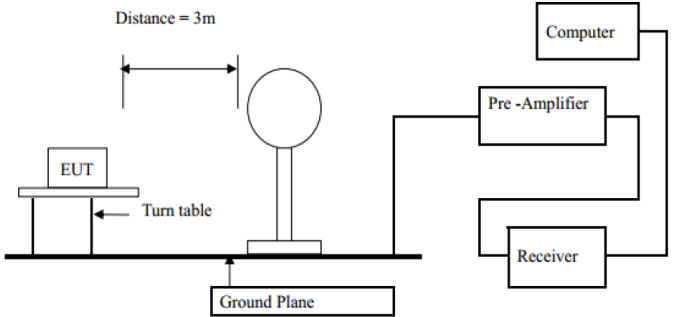


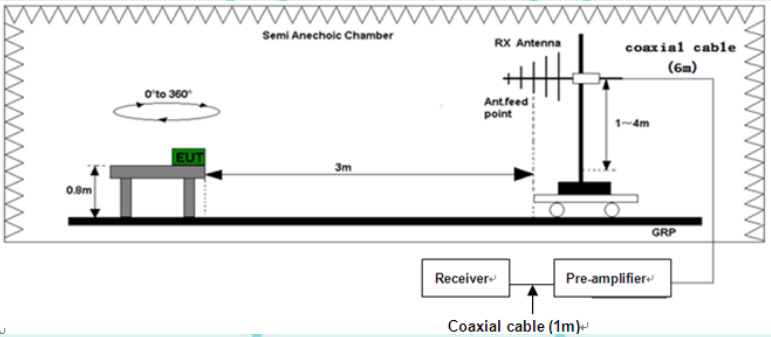
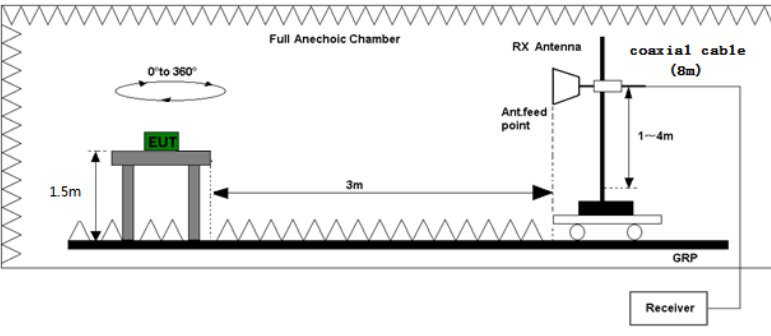
Report No.: WSCT-ANAB-R&E250600047A-BT



## 6.11. Radiated Spurious Emission Measurement

### 6.11.1. Test Specification

|                                                                                      |                             |                                   |                               |                  |
|--------------------------------------------------------------------------------------|-----------------------------|-----------------------------------|-------------------------------|------------------|
| <b>Test Requirement:</b>                                                             | FCC Part15 C Section 15.209 |                                   |                               |                  |
| <b>Test Method:</b>                                                                  | ANSI C63.10:2014            |                                   |                               |                  |
| <b>Frequency Range:</b>                                                              | 9 kHz to 25 GHz             |                                   |                               |                  |
| <b>Measurement Distance:</b>                                                         | 3 m                         |                                   |                               |                  |
| <b>Antenna Polarization:</b>                                                         | Horizontal & Vertical       |                                   |                               |                  |
| <b>Receiver Setup:</b>                                                               | Frequency                   | Detector                          | RBW                           | VBW              |
|                                                                                      | 9kHz- 150kHz                | Quasi-peak                        | 200Hz                         | 1kHz             |
|                                                                                      | 150kHz- 30MHz               | Quasi-peak                        | 9kHz                          | 30kHz            |
|                                                                                      | 30MHz-1GHz                  | Quasi-peak                        | 100KHz                        | 300KHz           |
|                                                                                      | Above 1GHz                  | Peak                              | 1MHz                          | 3MHz             |
| <b>Limit:</b>                                                                        | Frequency                   | Field Strength (microvolts/meter) | Measurement Distance (meters) | Remark           |
|                                                                                      | 0.009-0.490                 | 2400/F(KHz)                       | 300                           | Quasi-peak Value |
|                                                                                      | 0.490-1.705                 | 24000/F(KHz)                      | 30                            | Quasi-peak Value |
|                                                                                      | 1.705-30                    | 30                                | 30                            | Quasi-peak Value |
|                                                                                      | 30-88                       | 100                               | 3                             | Peak Value       |
| <b>Test setup:</b>                                                                   | 88-216                      | 150                               | 3                             | Average Value    |
|                                                                                      | 216-960                     | 200                               | 3                             |                  |
|                                                                                      | Above 960                   | 500                               | 3                             |                  |
|                                                                                      | Frequency                   | Field Strength (microvolts/meter) | Measurement Distance (meters) | Detector         |
|                                                                                      | Above 1GHz                  | 500                               | 3                             | Average          |
|                                                                                      |                             | 5000                              | 3                             | Peak             |
| For radiated emissions below 30MHz                                                   |                             |                                   |                               |                  |
|  |                             |                                   |                               |                  |
| 30MHz to 1GHz                                                                        |                             |                                   |                               |                  |

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                               |  <p>Above 1GHz</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p><b>Test Mode:</b></p>      | <p>Transmitting mode with modulation</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <p><b>Test Procedure:</b></p> | <ol style="list-style-type: none"> <li>1. The testing follows the guidelines in Spurious Radiated Emissions of ANSI C63.10:2014 Measurement Guidelines.</li> <li>2. For the radiated emission test below 1GHz:<br/>The EUT was placed on a turntable with 0.8 meter above ground. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high PASS filter are used for the test in order to get better signal level.</li> </ol> <p>For the radiated emission test above 1GHz:<br/>Place the measurement antenna on a turntable with 1.5 meter above ground, which is away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which</p> |

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|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      | <p>maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.</p> <p>3. Set to the maximum power setting and enable the EUT transmit continuously.</p> <p>4. Use the following spectrum analyzer settings:</p> <p>(1) Span shall wide enough to fully capture the emission being measured;</p> <p>(2) Set RBW=100 kHz for <math>f &lt; 1</math> GHz, RBW=1MHz for <math>f &gt; 1</math>GHz ; VBW<math>\geq</math>RBW;<br/>Sweep = auto; Detector function = peak; Trace = max hold for peak</p> <p>(3) For average measurement: use duty cycle correction factor method per 15.35(c). Duty cycle = On time/100 milliseconds<br/>On time = <math>N_1 \cdot L_1 + N_2 \cdot L_2 + \dots + N_{n-1} \cdot L_{n-1} + N_n \cdot L_n</math><br/>Where <math>N_1</math> is number of type 1 pulses, <math>L_1</math> is length of type 1 pulses, etc</p> <p>Average Emission Level = Peak Emission Level + <math>20 \cdot \log(\text{Duty cycle})</math></p> <p>Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level</p> |
| <b>Test results:</b> | PASS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

Note 1: The symbol of "--" in the table which means not application.

Note 2: For the test data above 1 GHz, According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note 4: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

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### 6.11.2. Test Data

Please refer to following diagram for individual

Below 1GHz

Horizontal:



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|
| 1   | *   | 43.5800      | 40.24                    | -6.88                   | 33.36                      | 40.00           | -6.64      | QP       |
| 2   |     | 263.7700     | 30.14                    | -1.26                   | 28.88                      | 46.00           | -17.12     | QP       |
| 3   |     | 533.4300     | 30.28                    | 5.89                    | 36.17                      | 46.00           | -9.83      | QP       |
| 4   |     | 694.4500     | 26.86                    | 9.48                    | 36.34                      | 46.00           | -9.66      | QP       |
| 5   |     | 797.2700     | 27.60                    | 11.32                   | 38.92                      | 46.00           | -7.08      | QP       |
| 6   |     | 987.3900     | 26.31                    | 14.29                   | 40.60                      | 54.00           | -13.40     | QP       |

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Vertical:



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|
| 1   | !   | 43.5799      | 54.21                    | -20.52                  | 33.69                      | 40.00           | -6.31      | QP       |
| 2   | !   | 175.5000     | 50.21                    | -19.80                  | 30.41                      | 43.50           | -13.09     | QP       |
| 3   | *   | 269.5899     | 60.31                    | -19.38                  | 40.93                      | 46.00           | -5.07      | QP       |
| 4   |     | 533.4299     | 55.77                    | -18.08                  | 37.69                      | 46.00           | -8.31      | QP       |
| 5   |     | 755.5599     | 53.34                    | -16.90                  | 36.44                      | 46.00           | -9.56      | QP       |
| 6   | !   | 948.5900     | 55.29                    | -15.63                  | 39.66                      | 46.00           | -6.34      | QP       |

Note1:

Freq. = Emission frequency in MHz

Reading level (dBuV) = Receiver reading

Corr. Factor (dB) = Antenna factor + Cable loss - Amplifier factor.

Measurement (dBuV) = Reading level (dBuV) + Corr. Factor (dB)

Limit (dBuV) = Limit stated in standard

Margin (dB) = Measurement (dBuV) – Limits (dBuV)

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### Above 1GHz

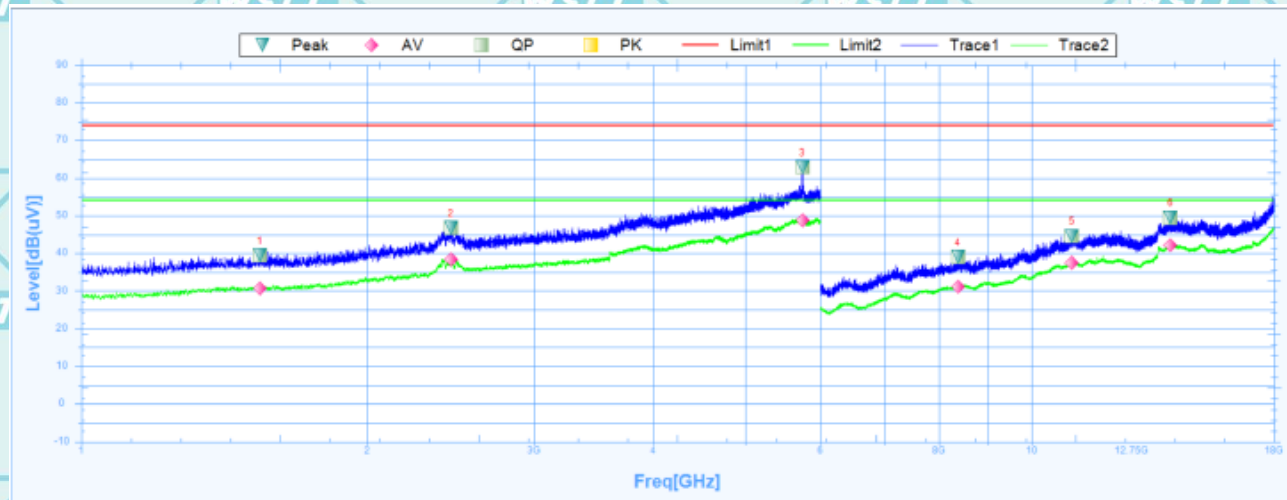
Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

Note 2: The spurious above 18G is noise only, do not show on the report.

### GFSK

Low channel: 2402MHz

Horizontal:

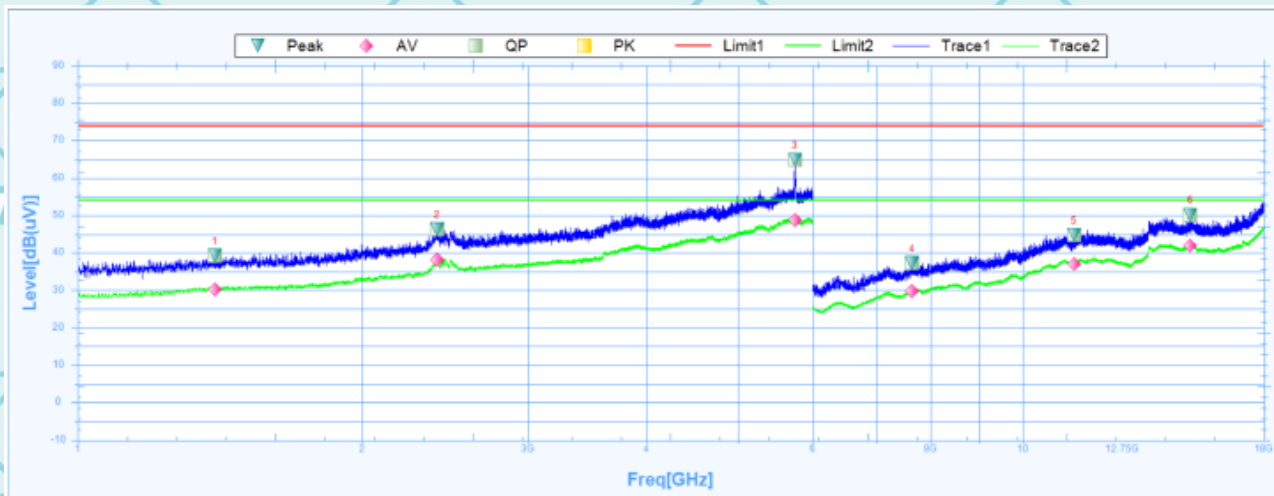


Susputed Data List

| NO. | Freq. [MHz] | Level [dB(uV)] | Factor [dB] | Reading [dB(uV)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|----------------|-------------|------------------|------------|-------------|---------|------------|-------|---------|
| 1   | 1540.6250   | 39.5           | 24.96       | 14.54            | 74         | -34.5       | 104.9   | Horizontal | PK    | Pass    |
| 1   | 1540.6250   | 30.71          | 24.96       | 5.75             | 54         | -23.29      | 104.9   | Horizontal | AV    | Pass    |
| 2   | 2449.3750   | 46.78          | 27.43       | 19.35            | 74         | -27.22      | 66.6    | Horizontal | PK    | Pass    |
| 2   | 2449.3750   | 38.42          | 27.43       | 10.99            | 54         | -15.58      | 66.6    | Horizontal | AV    | Pass    |
| 3   | 5741.8750   | 62.8           | 32.39       | 30.41            | 74         | -11.2       | 249.5   | Horizontal | PK    | Pass    |
| 3   | 5741.8750   | 48.77          | 32.39       | 16.38            | 54         | -5.23       | 249.5   | Horizontal | AV    | Pass    |
| 4   | 8371.5000   | 39.03          | 9.05        | 29.98            | 74         | -34.97      | 11.4    | Horizontal | PK    | Pass    |
| 4   | 8371.5000   | 31             | 9.05        | 21.95            | 54         | -23         | 11.4    | Horizontal | AV    | Pass    |
| 5   | 11035.5000  | 44.68          | 15.73       | 28.95            | 74         | -29.32      | 338.8   | Horizontal | PK    | Pass    |
| 5   | 11035.5000  | 37.56          | 15.73       | 21.83            | 54         | -16.44      | 338.8   | Horizontal | AV    | Pass    |
| 6   | 14008.5000  | 49.54          | 19.12       | 30.42            | 74         | -24.46      | 360.1   | Horizontal | PK    | Pass    |
| 6   | 14008.5000  | 42.06          | 19.12       | 22.94            | 54         | -11.94      | 360.1   | Horizontal | AV    | Pass    |

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Vertical:



Susputed Data List

| NO. | Freq. [MHz] | Level [dB(uV)] | Factor [dB] | Reading [dB(uV)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
|-----|-------------|----------------|-------------|------------------|------------|-------------|---------|----------|-------|---------|
| 1   | 1396.2500   | 39.29          | 25.09       | 14.2             | 74         | -34.71      | 298.5   | Vertical | PK    | Pass    |
| 1   | 1396.2500   | 30.27          | 25.09       | 5.18             | 54         | -23.73      | 298.5   | Vertical | AV    | Pass    |
| 2   | 2402.5000   | 46.24          | 27.27       | 18.97            | 74         | -27.76      | 291.4   | Vertical | PK    | Pass    |
| 2   | 2402.5000   | 38.14          | 27.27       | 10.87            | 54         | -15.86      | 291.4   | Vertical | AV    | Pass    |
| 3   | 5745.0000   | 64.86          | 32.39       | 32.47            | 74         | -9.14       | 336.7   | Vertical | PK    | Pass    |
| 3   | 5745.0000   | 48.83          | 32.39       | 16.44            | 54         | -5.17       | 336.7   | Vertical | AV    | Pass    |
| 4   | 7644.0000   | 37.35          | 7.96        | 29.39            | 74         | -36.65      | 129.5   | Vertical | PK    | Pass    |
| 4   | 7644.0000   | 29.72          | 7.96        | 21.76            | 54         | -24.28      | 129.5   | Vertical | AV    | Pass    |
| 5   | 11334.0000  | 44.69          | 15.67       | 29.02            | 74         | -29.31      | 0.5     | Vertical | PK    | Pass    |
| 5   | 11334.0000  | 36.97          | 15.67       | 21.3             | 54         | -17.03      | 0.5     | Vertical | AV    | Pass    |
| 6   | 15063.0000  | 50.2           | 19.35       | 30.85            | 74         | -23.8       | 8.7     | Vertical | PK    | Pass    |
| 6   | 15063.0000  | 41.84          | 19.35       | 22.49            | 54         | -12.16      | 8.7     | Vertical | AV    | Pass    |

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Middle channel: 2441MHz

Horizontal:

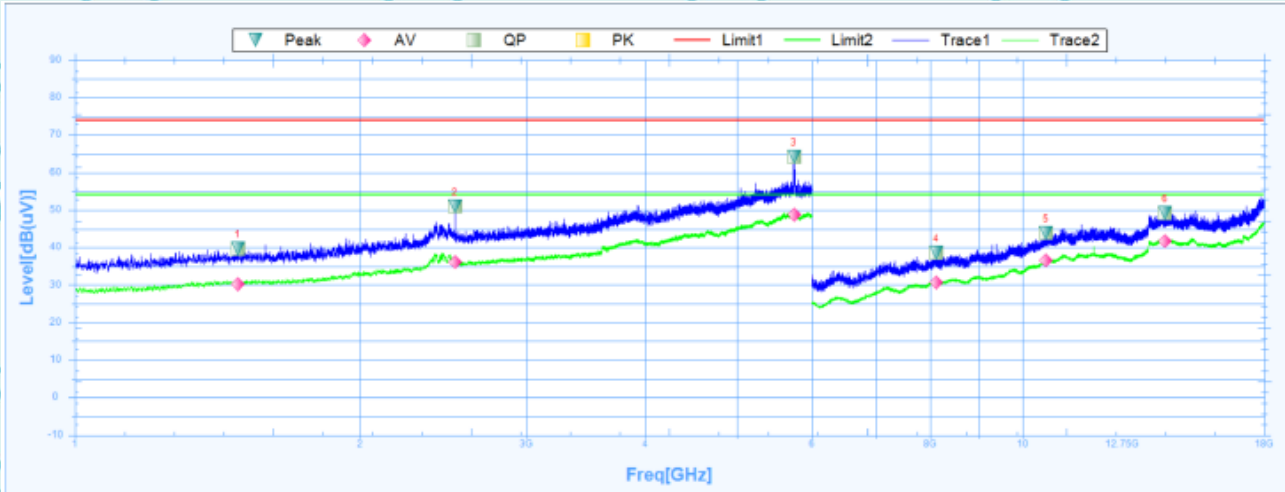


Susputed Data List

| NO. | Freq. [MHz] | Level [dB(uV)] | Factor [dB] | Reading [dB(uV)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|----------------|-------------|------------------|------------|-------------|---------|------------|-------|---------|
| 1   | 1400.6250   | 38.97          | 25.1        | 13.87            | 74         | -35.03      | 359.2   | Horizontal | PK    | Pass    |
| 1   | 1400.6250   | 30.47          | 25.1        | 5.37             | 54         | -23.53      | 359.2   | Horizontal | AV    | Pass    |
| 2   | 2439.3750   | 46.71          | 27.39       | 19.32            | 74         | -27.29      | 195.9   | Horizontal | PK    | Pass    |
| 2   | 2439.3750   | 37.96          | 27.39       | 10.57            | 54         | -16.04      | 195.9   | Horizontal | AV    | Pass    |
| 3   | 5740.6250   | 62.23          | 32.38       | 29.85            | 74         | -11.77      | 100.3   | Horizontal | PK    | Pass    |
| 3   | 5740.6250   | 48.49          | 32.38       | 16.11            | 54         | -5.51       | 100.3   | Horizontal | AV    | Pass    |
| 4   | 7609.5000   | 36.57          | 7.95        | 28.62            | 74         | -37.43      | 216.8   | Horizontal | PK    | Pass    |
| 4   | 7609.5000   | 29.61          | 7.95        | 21.66            | 54         | -24.39      | 216.8   | Horizontal | AV    | Pass    |
| 5   | 10971.0000  | 44.67          | 15.46       | 29.21            | 74         | -29.33      | 295.7   | Horizontal | PK    | Pass    |
| 5   | 10971.0000  | 37.2           | 15.46       | 21.74            | 54         | -16.8       | 295.7   | Horizontal | AV    | Pass    |
| 6   | 14034.0000  | 49.08          | 19.09       | 29.99            | 74         | -24.92      | 302.9   | Horizontal | PK    | Pass    |
| 6   | 14034.0000  | 42.11          | 19.09       | 23.02            | 54         | -11.89      | 302.9   | Horizontal | AV    | Pass    |

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Vertical:

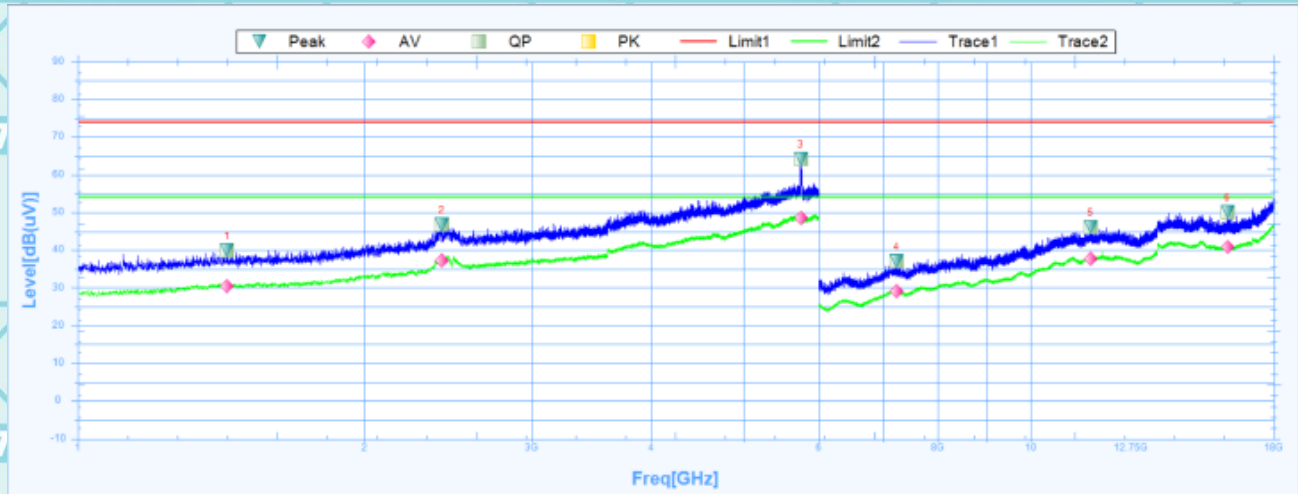


| Suspected Data List |             |                |             |                  |            |             |         |          |       |         |
|---------------------|-------------|----------------|-------------|------------------|------------|-------------|---------|----------|-------|---------|
| NO.                 | Freq. [MHz] | Level [dB(uV)] | Factor [dB] | Reading [dB(uV)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
| 1                   | 1485.6250   | 39.76          | 25.01       | 14.75            | 74         | -34.24      | 355     | Vertical | PK    | Pass    |
| 1                   | 1485.6250   | 30.27          | 25.01       | 5.26             | 54         | -23.73      | 355     | Vertical | AV    | Pass    |
| 2                   | 2518.1250   | 50.96          | 27.62       | 23.34            | 74         | -23.04      | 187.4   | Vertical | PK    | Pass    |
| 2                   | 2518.1250   | 36.13          | 27.62       | 8.51             | 54         | -17.87      | 187.4   | Vertical | AV    | Pass    |
| 3                   | 5741.2500   | 64.27          | 32.39       | 31.88            | 74         | -9.73       | 189.8   | Vertical | PK    | Pass    |
| 3                   | 5741.2500   | 48.88          | 32.39       | 16.49            | 54         | -5.12       | 189.8   | Vertical | AV    | Pass    |
| 4                   | 8113.5000   | 38.7           | 8.53        | 30.17            | 74         | -35.3       | 54.3    | Vertical | PK    | Pass    |
| 4                   | 8113.5000   | 30.59          | 8.53        | 22.06            | 54         | -23.41      | 54.3    | Vertical | AV    | Pass    |
| 5                   | 10597.5000  | 43.93          | 14.31       | 29.62            | 74         | -30.07      | 108.1   | Vertical | PK    | Pass    |
| 5                   | 10597.5000  | 36.58          | 14.31       | 22.27            | 54         | -17.42      | 108.1   | Vertical | AV    | Pass    |
| 6                   | 14140.5000  | 49.24          | 18.99       | 30.25            | 74         | -24.76      | 319.7   | Vertical | PK    | Pass    |
| 6                   | 14140.5000  | 41.78          | 18.99       | 22.79            | 54         | -12.22      | 319.7   | Vertical | AV    | Pass    |

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High channel: 2480MHz

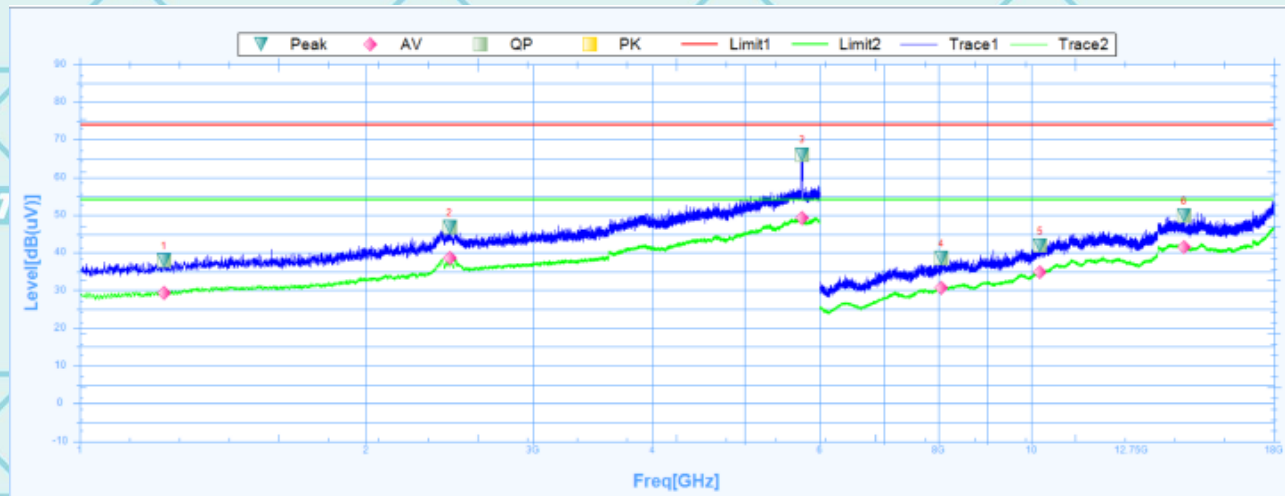
Horizontal:



| Suspected Data List |             |                |             |                  |            |             |         |            |       |         |
|---------------------|-------------|----------------|-------------|------------------|------------|-------------|---------|------------|-------|---------|
| NO.                 | Freq. [MHz] | Level [dB(uV)] | Factor [dB] | Reading [dB(uV)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
| 1                   | 1435.6250   | 39.94          | 25.06       | 14.88            | 74         | -34.06      | 131.1   | Horizontal | PK    | Pass    |
| 1                   | 1435.6250   | 30.34          | 25.06       | 5.28             | 54         | -23.66      | 131.1   | Horizontal | AV    | Pass    |
| 2                   | 2411.2500   | 46.87          | 27.3        | 19.57            | 74         | -27.13      | -0.1    | Horizontal | PK    | Pass    |
| 2                   | 2411.2500   | 37.35          | 27.3        | 10.05            | 54         | -16.65      | -0.1    | Horizontal | AV    | Pass    |
| 3                   | 5741.2500   | 64.17          | 32.39       | 31.78            | 74         | -9.83       | 280.6   | Horizontal | PK    | Pass    |
| 3                   | 5741.2500   | 48.6           | 32.39       | 16.21            | 54         | -5.4        | 280.6   | Horizontal | AV    | Pass    |
| 4                   | 7237.5000   | 36.97          | 6.96        | 30.01            | 74         | -37.03      | 288.6   | Horizontal | PK    | Pass    |
| 4                   | 7237.5000   | 29.12          | 6.96        | 22.16            | 54         | -24.88      | 288.6   | Horizontal | AV    | Pass    |
| 5                   | 11565.0000  | 46.02          | 16.2        | 29.82            | 74         | -27.98      | 224     | Horizontal | PK    | Pass    |
| 5                   | 11565.0000  | 37.68          | 16.2        | 21.48            | 54         | -16.32      | 224     | Horizontal | AV    | Pass    |
| 6                   | 16098.0000  | 50.01          | 18.57       | 31.44            | 74         | -23.99      | 267     | Horizontal | PK    | Pass    |
| 6                   | 16098.0000  | 40.91          | 18.57       | 22.34            | 54         | -13.09      | 267     | Horizontal | AV    | Pass    |

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Vertical:



| Suspected Data List |             |                |             |                  |            |             |         |          |       |         |
|---------------------|-------------|----------------|-------------|------------------|------------|-------------|---------|----------|-------|---------|
| NO.                 | Freq. [MHz] | Level [dB(uV)] | Factor [dB] | Reading [dB(uV)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
| 1                   | 1225.6250   | 37.95          | 24.49       | 13.46            | 74         | -36.05      | 254.3   | Vertical | PK    | Pass    |
| 1                   | 1225.6250   | 29.28          | 24.49       | 4.79             | 54         | -24.72      | 254.3   | Vertical | AV    | Pass    |
| 2                   | 2448.1250   | 46.81          | 27.42       | 19.39            | 74         | -27.19      | 191     | Vertical | PK    | Pass    |
| 2                   | 2448.1250   | 38.56          | 27.42       | 11.14            | 54         | -15.44      | 191     | Vertical | AV    | Pass    |
| 3                   | 5751.8750   | 66.1           | 32.4        | 33.7             | 74         | -7.9        | 359.4   | Vertical | PK    | Pass    |
| 3                   | 5751.8750   | 49.21          | 32.4        | 16.81            | 54         | -4.79       | 359.4   | Vertical | AV    | Pass    |
| 4                   | 8049.0000   | 38.53          | 8.37        | 30.16            | 74         | -35.47      | 86.6    | Vertical | PK    | Pass    |
| 4                   | 8049.0000   | 30.6           | 8.37        | 22.23            | 54         | -23.4       | 86.6    | Vertical | AV    | Pass    |
| 5                   | 10228.5000  | 41.88          | 13.07       | 28.81            | 74         | -32.12      | 114.1   | Vertical | PK    | Pass    |
| 5                   | 10228.5000  | 34.85          | 13.07       | 21.78            | 54         | -19.15      | 114.1   | Vertical | AV    | Pass    |
| 6                   | 14479.5000  | 49.96          | 18.65       | 31.31            | 74         | -24.04      | 303     | Vertical | PK    | Pass    |
| 6                   | 14479.5000  | 41.45          | 18.65       | 22.8             | 54         | -12.55      | 303     | Vertical | AV    | Pass    |

**Note:**

- The emission levels of other frequencies are very lower than the limit and not show in test report.
- Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency.
- Data of measurement shown "----" in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.
- Measurements were conducted in all three modulation (GFSK, Pi/4 DQPSK, 8DPSK), and the worst case Mode (GFSK) was submitted only.
- EUT has been tested in unfolded states, and the report only reflects data in the unfolded state (worst-case scenario)

Note: Freq. = Emission frequency in MHz

Reading level (dBμV) = Receiver reading

Corr. Factor (dB) = Attenuation factor + Cable loss

Level (dBμV) = Reading level (dBμV) + Corr. Factor (dB)

Limit (dBμV) = Limit stated in standard

Margin (dB) = Level (dBμV) – Limits (dBμV)

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### 6.11.3. Restricted Bands Requirements

Bluetooth (GFSK, Pi/4-DQPSK, 8DPSK) mode have been tested, and the worst result GFSK model was report as below

| Frequency    | Reading  | Correct Factor | Emission Level | Limit    | Margin | Polar | Detector |
|--------------|----------|----------------|----------------|----------|--------|-------|----------|
| (MHz)        | (dBuV/m) | dB/m           | (dBuV/m)       | (dBuV/m) | (dB)   | H/V   |          |
| Low Channel  |          |                |                |          |        |       |          |
| 2387         | 68.11    | -8.76          | 59.35          | 74       | 14.65  | H     | PK       |
| 2387         | 54.40    | -8.76          | 45.64          | 54       | 8.36   | H     | AV       |
| 2387         | 65.20    | -8.73          | 56.47          | 74       | 17.53  | V     | PK       |
| 2387         | 55.03    | -8.73          | 46.30          | 54       | 7.70   | V     | AV       |
| 2390         | 69.14    | -8.76          | 60.38          | 74       | 13.62  | H     | PK       |
| 2390         | 55.06    | -8.76          | 46.30          | 54       | 7.70   | H     | AV       |
| 2390         | 65.48    | -8.73          | 56.75          | 74       | 17.25  | V     | PK       |
| 2390         | 56.42    | -8.73          | 47.69          | 54       | 6.31   | V     | AV       |
| High Channel |          |                |                |          |        |       |          |
| 2483.5       | 65.27    | -8.76          | 56.51          | 74       | 17.49  | H     | PK       |
| 2483.5       | 54.65    | -8.76          | 45.89          | 54       | 8.11   | H     | AV       |
| 2483.5       | 69.01    | -8.73          | 60.28          | 74       | 13.72  | V     | PK       |
| 2483.5       | 54.89    | -8.73          | 46.16          | 54       | 7.84   | V     | AV       |

Note: Freq. = Emission frequency in MHz

Reading level (dBuV) = Receiver reading

Corr. Factor (dB) = Attenuation factor + Cable loss

Level (dBuV) = Reading level (dBuV) + Corr. Factor (dB)

Limit (dBuV) = Limit stated in standard

Margin (dB) = Level (dBuV) – Limits (dBuV)

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## 7. Test Setup Photographs

Please refer to Annex "Set Up Photos-15C" for test setup photos

**\*\*\*\*\*END OF REPORT\*\*\*\*\***