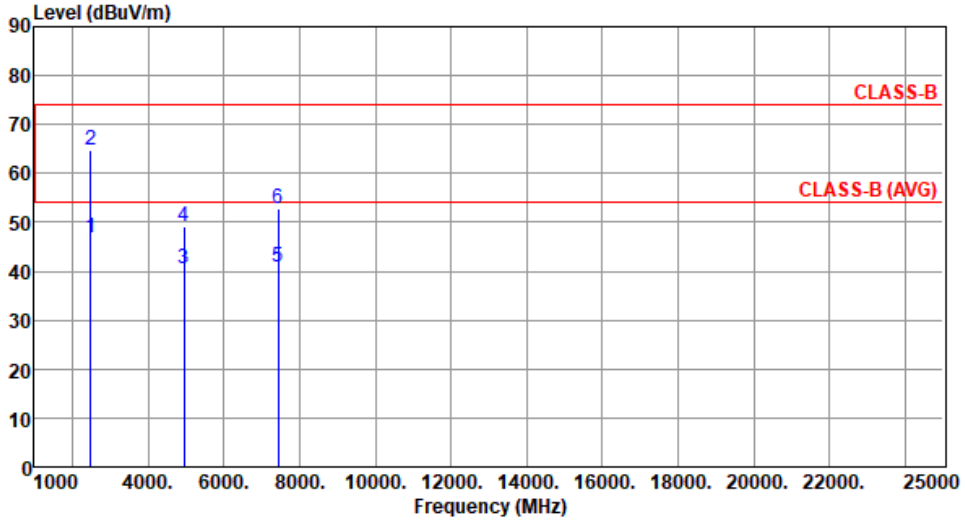




| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | BT-LE (1Mbps) | Test Freq. (MHz) | 2480 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):23 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 2483.50 | 46.98 | 54.00 | -7.02 | 51.07 | -4.09 | Average | 303 | 280 |
| 2 | 2483.50 | 64.92 | 74.00 | -9.08 | 69.01 | -4.09 | Peak | 303 | 280 |
| 3 | 4960.00 | 40.38 | 54.00 | -13.62 | 40.20 | 0.18 | Average | 100 | 358 |
| 4 | 4960.00 | 49.03 | 74.00 | -24.97 | 48.85 | 0.18 | Peak | 100 | 358 |
| 5 | 7440.00 | 41.01 | 54.00 | -12.99 | 35.05 | 5.96 | Average | 236 | 18 |
| 6 | 7440.00 | 52.81 | 74.00 | -21.19 | 46.85 | 5.96 | Peak | 236 | 18 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

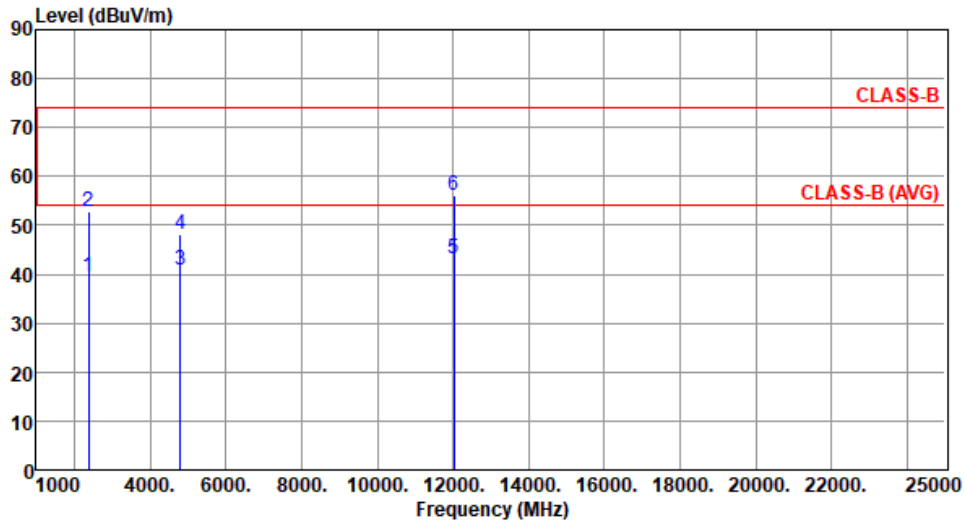


| Modulation | BT-LE (2Mbps) | Test Freq. (MHz) | 2404 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|-------------------------|-----------|-----------------|-------------|---------|-------------|----------------|---------|---------|---------|----------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|---------|------|---------|------|---------|------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|--|-----------|-----------------------|--------------|-----------|-----------------|-------------|--------|-------------|----------------|---------|-------|-------|--------|-------|-------|---------|-----|-----|---------|-------|-------|--------|-------|-------|------|-----|-----|---------|-------|-------|-------|-------|------|---------|-----|----|---------|-------|-------|--------|-------|------|------|-----|----|----------|-------|-------|--------|-------|------|---------|-----|----|----------|-------|-------|--------|-------|------|------|-----|----|
| Polarization | Horizontal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Test By :Brad Wu Temperature(°C):23 Humidity(%):63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>The graph plots Level (dBuV/m) on the y-axis (0 to 90) against Frequency (MHz) on the x-axis (1000 to 25000). Two horizontal red lines represent limits: CLASS-B at approximately 75 dBuV/m and CLASS-B (AVG) at approximately 55 dBuV/m. Six vertical blue lines indicate emission peaks at various frequencies, labeled 1 through 6. Peak 1 is at 2390 MHz, peak 2 at 2390 MHz, peak 3 at 4808 MHz, peak 4 at 4808 MHz, peak 5 at 12020 MHz, and peak 6 at 12020 MHz.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <td>2390.00</td> <td>2390.00</td> <td>4808.00</td> <td>4808.00</td> <td>12020.00</td> <td>12020.00</td> </tr> <tr> <td>39.62</td> <td>52.83</td> <td>44.51</td> <td>51.22</td> <td>43.14</td> <td>55.84</td> </tr> <tr> <td>54.00</td> <td>74.00</td> <td>54.00</td> <td>74.00</td> <td>54.00</td> <td>74.00</td> </tr> <tr> <td>-14.38</td> <td>-21.17</td> <td>-9.49</td> <td>-22.78</td> <td>-10.86</td> <td>-18.16</td> </tr> <tr> <td>43.41</td> <td>56.62</td> <td>44.46</td> <td>51.17</td> <td>35.37</td> <td>48.07</td> </tr> <tr> <td>-3.79</td> <td>-3.79</td> <td>0.05</td> <td>0.05</td> <td>7.77</td> <td>7.77</td> </tr> <tr> <td>Average</td> <td>Peak</td> <td>Average</td> <td>Peak</td> <td>Average</td> <td>Peak</td> </tr> <tr> <td>110</td> <td>110</td> <td>255</td> <td>255</td> <td>100</td> <td>100</td> </tr> <tr> <td>224</td> <td>224</td> <td>15</td> <td>15</td> <td>39</td> <td>39</td> </tr> </tbody> </table> | 1 | 2 | 3 | 4 | 5 | 6 | 2390.00 | 2390.00 | 4808.00 | 4808.00 | 12020.00 | 12020.00 | 39.62 | 52.83 | 44.51 | 51.22 | 43.14 | 55.84 | 54.00 | 74.00 | 54.00 | 74.00 | 54.00 | 74.00 | -14.38 | -21.17 | -9.49 | -22.78 | -10.86 | -18.16 | 43.41 | 56.62 | 44.46 | 51.17 | 35.37 | 48.07 | -3.79 | -3.79 | 0.05 | 0.05 | 7.77 | 7.77 | Average | Peak | Average | Peak | Average | Peak | 110 | 110 | 255 | 255 | 100 | 100 | 224 | 224 | 15 | 15 | 39 | 39 | <table border="1"> <thead> <tr> <th>Freq. MHz</th> <th>Emission level dBuV/m</th> <th>Limit dBuV/m</th> <th>Margin dB</th> <th>SA reading dBuV</th> <th>Factor dB/m</th> <th>Remark</th> <th>ANT High cm</th> <th>Turn Table deg</th> </tr> </thead> <tbody> <tr> <td>2390.00</td> <td>39.62</td> <td>54.00</td> <td>-14.38</td> <td>43.41</td> <td>-3.79</td> <td>Average</td> <td>110</td> <td>224</td> </tr> <tr> <td>2390.00</td> <td>52.83</td> <td>74.00</td> <td>-21.17</td> <td>56.62</td> <td>-3.79</td> <td>Peak</td> <td>110</td> <td>224</td> </tr> <tr> <td>4808.00</td> <td>44.51</td> <td>54.00</td> <td>-9.49</td> <td>44.46</td> <td>0.05</td> <td>Average</td> <td>255</td> <td>15</td> </tr> <tr> <td>4808.00</td> <td>51.22</td> <td>74.00</td> <td>-22.78</td> <td>51.17</td> <td>0.05</td> <td>Peak</td> <td>255</td> <td>15</td> </tr> <tr> <td>12020.00</td> <td>43.14</td> <td>54.00</td> <td>-10.86</td> <td>35.37</td> <td>7.77</td> <td>Average</td> <td>100</td> <td>39</td> </tr> <tr> <td>12020.00</td> <td>55.84</td> <td>74.00</td> <td>-18.16</td> <td>48.07</td> <td>7.77</td> <td>Peak</td> <td>100</td> <td>39</td> </tr> </tbody> </table> | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg | 2390.00 | 39.62 | 54.00 | -14.38 | 43.41 | -3.79 | Average | 110 | 224 | 2390.00 | 52.83 | 74.00 | -21.17 | 56.62 | -3.79 | Peak | 110 | 224 | 4808.00 | 44.51 | 54.00 | -9.49 | 44.46 | 0.05 | Average | 255 | 15 | 4808.00 | 51.22 | 74.00 | -22.78 | 51.17 | 0.05 | Peak | 255 | 15 | 12020.00 | 43.14 | 54.00 | -10.86 | 35.37 | 7.77 | Average | 100 | 39 | 12020.00 | 55.84 | 74.00 | -18.16 | 48.07 | 7.77 | Peak | 100 | 39 |
| 1 | 2 | 3 | 4 | 5 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2390.00 | 2390.00 | 4808.00 | 4808.00 | 12020.00 | 12020.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39.62 | 52.83 | 44.51 | 51.22 | 43.14 | 55.84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54.00 | 74.00 | 54.00 | 74.00 | 54.00 | 74.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -14.38 | -21.17 | -9.49 | -22.78 | -10.86 | -18.16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43.41 | 56.62 | 44.46 | 51.17 | 35.37 | 48.07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -3.79 | -3.79 | 0.05 | 0.05 | 7.77 | 7.77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Average | Peak | Average | Peak | Average | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 110 | 110 | 255 | 255 | 100 | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 224 | 224 | 15 | 15 | 39 | 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2390.00 | 39.62 | 54.00 | -14.38 | 43.41 | -3.79 | Average | 110 | 224 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2390.00 | 52.83 | 74.00 | -21.17 | 56.62 | -3.79 | Peak | 110 | 224 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4808.00 | 44.51 | 54.00 | -9.49 | 44.46 | 0.05 | Average | 255 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4808.00 | 51.22 | 74.00 | -22.78 | 51.17 | 0.05 | Peak | 255 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12020.00 | 43.14 | 54.00 | -10.86 | 35.37 | 7.77 | Average | 100 | 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12020.00 | 55.84 | 74.00 | -18.16 | 48.07 | 7.77 | Peak | 100 | 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | BT-LE (2Mbps) | Test Freq. (MHz) | 2404 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):23 Humidity(%):63



| | Freq. MHz | Emission level dBUV/m | Limit dBUV/m | Margin dB | SA reading dBUV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 2390.00 | 39.54 | 54.00 | -14.46 | 43.33 | -3.79 | Average | 301 | 295 |
| 2 | 2390.00 | 52.76 | 74.00 | -21.24 | 56.55 | -3.79 | Peak | 301 | 295 |
| 3 | 4808.00 | 40.88 | 54.00 | -13.12 | 40.83 | 0.05 | Average | 100 | 341 |
| 4 | 4808.00 | 48.25 | 74.00 | -25.75 | 48.20 | 0.05 | Peak | 100 | 341 |
| 5 | 12020.00 | 43.12 | 54.00 | -10.88 | 35.35 | 7.77 | Average | 100 | 61 |
| 6 | 12020.00 | 56.29 | 74.00 | -17.71 | 48.52 | 7.77 | Peak | 100 | 61 |

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)

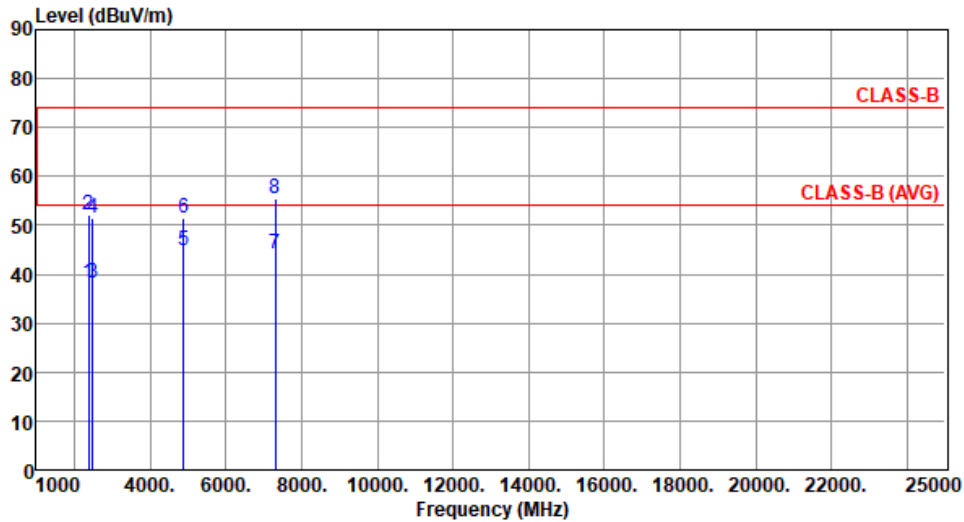
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | BT-LE (2Mbps) | Test Freq. (MHz) | 2440 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):23 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 2390.00 | 38.19 | 54.00 | -15.81 | 41.98 | -3.79 | Average | 107 | 239 |
| 2 | 2390.00 | 51.98 | 74.00 | -22.02 | 55.77 | -3.79 | Peak | 107 | 239 |
| 3 | 2483.50 | 38.12 | 54.00 | -15.88 | 42.21 | -4.09 | Average | 107 | 239 |
| 4 | 2483.50 | 51.32 | 74.00 | -22.68 | 55.41 | -4.09 | Peak | 107 | 239 |
| 5 | 4880.00 | 44.85 | 54.00 | -9.15 | 44.75 | 0.10 | Average | 244 | 356 |
| 6 | 4880.00 | 51.62 | 74.00 | -22.38 | 51.52 | 0.10 | Peak | 244 | 356 |
| 7 | 7320.00 | 44.29 | 54.00 | -9.71 | 38.38 | 5.91 | Average | 331 | 302 |
| 8 | 7320.00 | 55.36 | 74.00 | -18.64 | 49.45 | 5.91 | Peak | 331 | 302 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



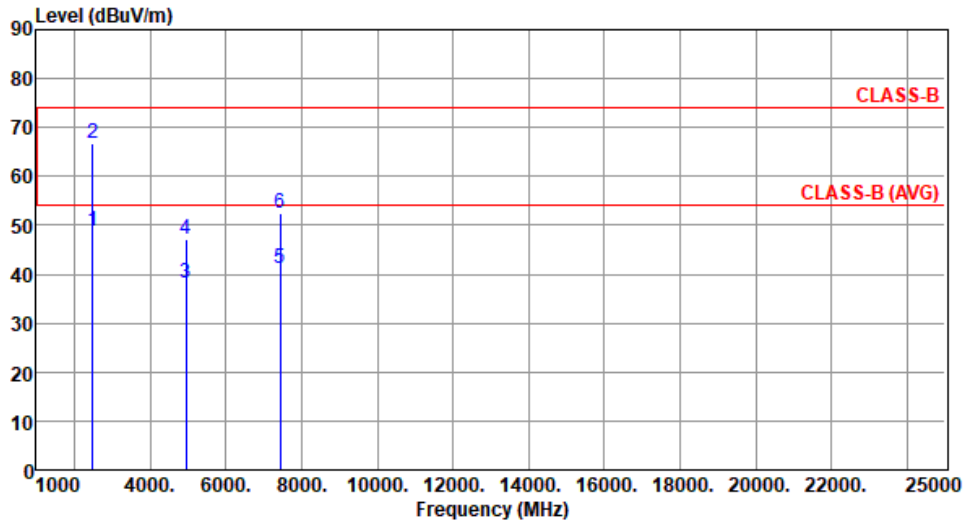
| | | | | | | | | | |
|--|---------------|-------------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| Modulation | BT-LE (2Mbps) | Test Freq. (MHz) | 2440 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By :Brad Wu Temperature(°C):23 Humidity(%):63 | | | | | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 2390.00 | 38.12 | 54.00 | -15.88 | 41.91 | -3.79 | Average | 305 | 306 |
| 2 | 2390.00 | 51.84 | 74.00 | -22.16 | 55.63 | -3.79 | Peak | 305 | 306 |
| 3 | 2483.50 | 38.05 | 54.00 | -15.95 | 42.14 | -4.09 | Average | 305 | 306 |
| 4 | 2483.50 | 51.24 | 74.00 | -22.76 | 55.33 | -4.09 | Peak | 305 | 306 |
| 5 | 4880.00 | 41.05 | 54.00 | -12.95 | 40.95 | 0.10 | Average | 100 | 345 |
| 6 | 4880.00 | 48.92 | 74.00 | -25.08 | 48.82 | 0.10 | Peak | 100 | 345 |
| 7 | 7320.00 | 45.16 | 54.00 | -8.84 | 39.25 | 5.91 | Average | 241 | 25 |
| 8 | 7320.00 | 55.39 | 74.00 | -18.61 | 49.48 | 5.91 | Peak | 241 | 25 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | BT-LE (2Mbps) | Test Freq. (MHz) | 2478 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):23 Humidity(%):63



| | Freq. MHz | Emission level dBUV/m | Limit dBUV/m | Margin dB | SA reading dBUV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 2483.50 | 48.88 | 54.00 | -5.12 | 52.97 | -4.09 | Average | 108 | 239 |
| 2 | 2483.50 | 66.62 | 74.00 | -7.38 | 70.71 | -4.09 | Peak | 108 | 239 |
| 3 | 4956.00 | 38.04 | 54.00 | -15.96 | 37.89 | 0.15 | Average | 244 | 355 |
| 4 | 4956.00 | 47.26 | 74.00 | -26.74 | 47.11 | 0.15 | Peak | 244 | 355 |
| 5 | 7434.00 | 41.12 | 54.00 | -12.88 | 35.16 | 5.96 | Average | 339 | 311 |
| 6 | 7434.00 | 52.36 | 74.00 | -21.64 | 46.40 | 5.96 | Peak | 339 | 311 |

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)

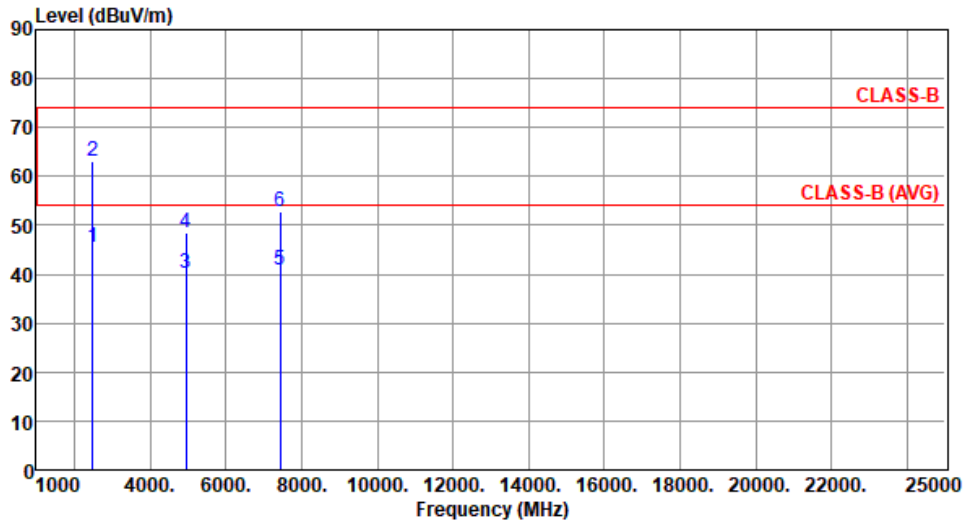
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



| | | | |
|--------------|---------------|------------------|------|
| Modulation | BT-LE (2Mbps) | Test Freq. (MHz) | 2478 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):23 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 2483.50 | 45.62 | 54.00 | -8.38 | 49.71 | -4.09 | Average | 304 | 289 |
| 2 | 2483.50 | 63.24 | 74.00 | -10.76 | 67.33 | -4.09 | Peak | 304 | 289 |
| 3 | 4956.00 | 40.11 | 54.00 | -13.89 | 39.96 | 0.15 | Average | 100 | 351 |
| 4 | 4956.00 | 48.42 | 74.00 | -25.58 | 48.27 | 0.15 | Peak | 100 | 351 |
| 5 | 7434.00 | 40.84 | 54.00 | -13.16 | 34.88 | 5.96 | Average | 233 | 38 |
| 6 | 7434.00 | 52.66 | 74.00 | -21.34 | 46.70 | 5.96 | Peak | 233 | 38 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

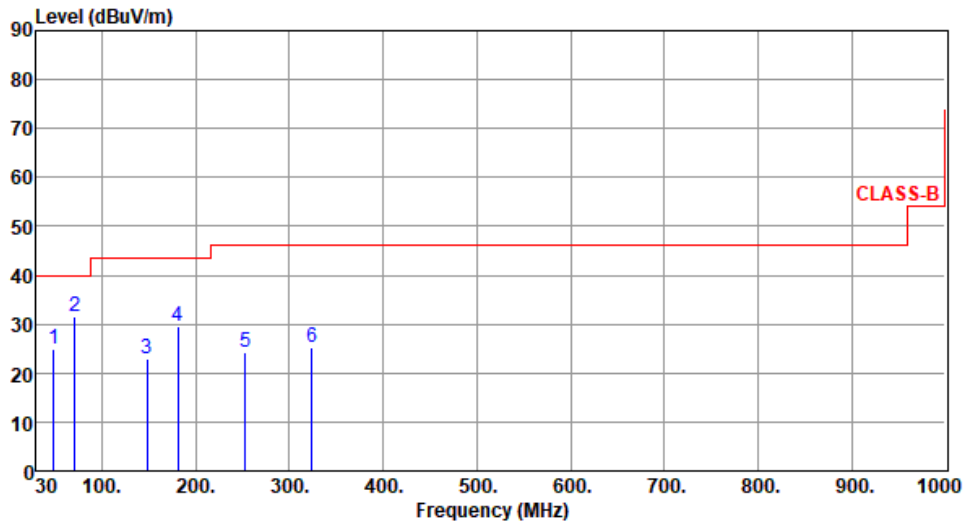


Test configuration 3: Laird part number: 453-00148, 20dBm, DTS

Unwanted Emissions (Below 1GHz)

| | | | |
|--------------|---------------|------------------|------|
| Modulation | BT-LE (1Mbps) | Test Freq. (MHz) | 2402 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|--------|-------------|----------------|
| 1 | 48.43 | 24.75 | 40.00 | -15.25 | 33.06 | -8.31 | Peak | --- | --- |
| 2 | 70.74 | 31.67 | 40.00 | -8.33 | 42.72 | -11.05 | Peak | --- | --- |
| 3 | 148.34 | 23.04 | 43.50 | -20.46 | 31.66 | -8.62 | Peak | --- | --- |
| 4 | 181.32 | 29.62 | 43.50 | -13.88 | 39.88 | -10.26 | Peak | --- | --- |
| 5 | 253.10 | 24.35 | 46.00 | -21.65 | 33.90 | -9.55 | Peak | --- | --- |
| 6 | 323.91 | 25.12 | 46.00 | -20.88 | 32.18 | -7.06 | Peak | --- | --- |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

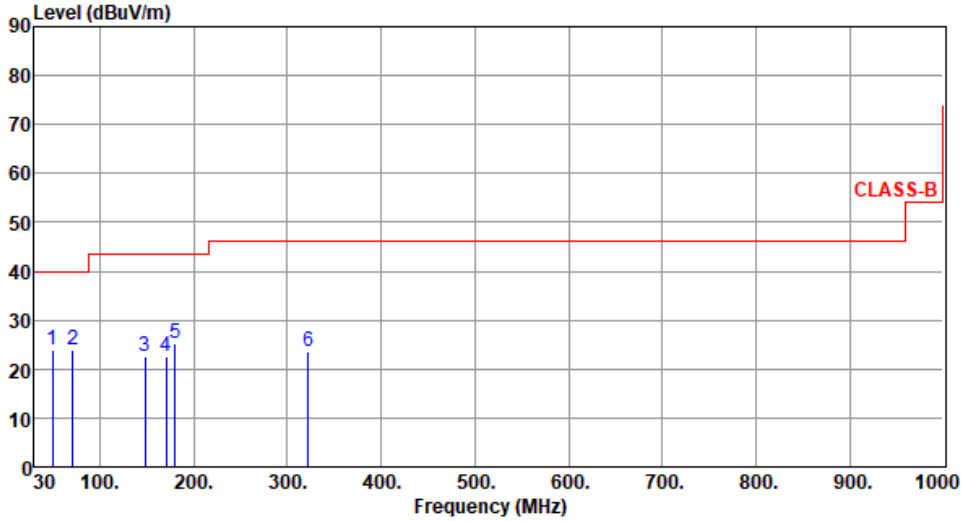
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | BT-LE (1Mbps) | Test Freq. (MHz) | 2402 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBUV/m | Limit dBUV/m | Margin dB | SA reading dBUV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|--------|-------------|----------------|
| 1 | 49.40 | 23.77 | 40.00 | -16.23 | 32.06 | -8.29 | Peak | --- | --- |
| 2 | 70.74 | 24.00 | 40.00 | -16.00 | 35.05 | -11.05 | Peak | --- | --- |
| 3 | 148.34 | 22.66 | 43.50 | -20.84 | 31.28 | -8.62 | Peak | --- | --- |
| 4 | 170.65 | 22.72 | 43.50 | -20.78 | 31.82 | -9.10 | Peak | --- | --- |
| 5 | 180.35 | 25.20 | 43.50 | -18.30 | 35.30 | -10.10 | Peak | --- | --- |
| 6 | 321.97 | 23.44 | 46.00 | -22.56 | 30.59 | -7.15 | Peak | --- | --- |

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

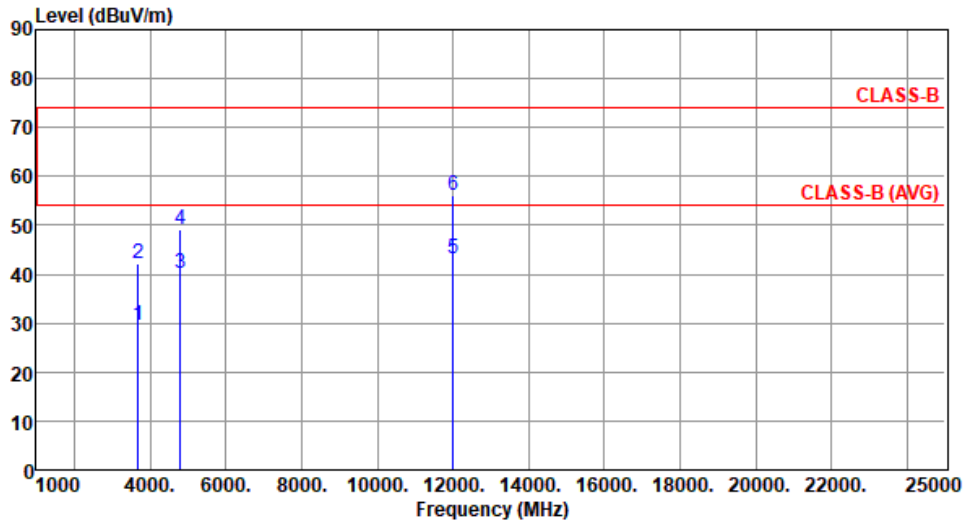
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



Unwanted Emissions (Above 1GHz)

| | | | |
|--------------|-----------------|------------------|------|
| Modulation | BT-LE (125kbps) | Test Freq. (MHz) | 2402 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):23 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 3688.00 | 29.65 | 54.00 | -24.35 | 31.34 | -1.69 | Average | 100 | 75 |
| 2 | 3688.00 | 42.18 | 74.00 | -31.82 | 43.87 | -1.69 | Peak | 100 | 75 |
| 3 | 4804.00 | 40.25 | 54.00 | -13.75 | 40.22 | 0.03 | Average | 100 | 165 |
| 4 | 4804.00 | 49.05 | 74.00 | -24.95 | 49.02 | 0.03 | Peak | 100 | 165 |
| 5 | 12010.00 | 43.04 | 54.00 | -10.96 | 35.28 | 7.76 | Average | 100 | 51 |
| 6 | 12010.00 | 56.08 | 74.00 | -17.92 | 48.32 | 7.76 | Peak | 100 | 51 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

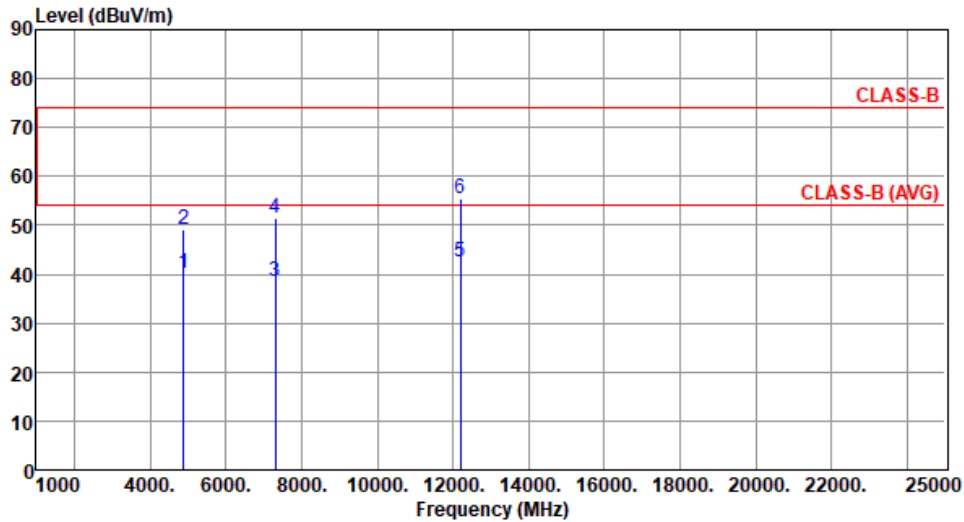


| | | | | | | | | | |
|---|-----------------|-------------------------|--------------|----------------|-----------------|-------------|---------|-------------|----------------|
| Modulation | BT-LE (125kbps) | Test Freq. (MHz) | 2402 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By :Brad Wu | | Temperature(°C):23 | | Humidity(%):63 | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 3688.00 | 29.36 | 54.00 | -24.64 | 31.05 | -1.69 | Average | 100 | 31 |
| 2 | 3688.00 | 42.58 | 74.00 | -31.42 | 44.27 | -1.69 | Peak | 100 | 31 |
| 3 | 4804.00 | 39.46 | 54.00 | -14.54 | 39.43 | 0.03 | Average | 100 | 125 |
| 4 | 4804.00 | 48.85 | 74.00 | -25.15 | 48.82 | 0.03 | Peak | 100 | 125 |
| 5 | 12010.00 | 43.14 | 54.00 | -10.86 | 35.38 | 7.76 | Average | 100 | 49 |
| 6 | 12010.00 | 56.55 | 74.00 | -17.45 | 48.79 | 7.76 | Peak | 100 | 49 |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |



| | | | |
|---------------------|-----------------|-------------------------|------|
| Modulation | BT-LE (125kbps) | Test Freq. (MHz) | 2440 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):23 Humidity(%):63



| | Freq. MHz | Emission level dBUV/m | Limit dBUV/m | Margin dB | SA reading dBUV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 4880.00 | 40.31 | 54.00 | -13.69 | 40.21 | 0.10 | Average | 100 | 155 |
| 2 | 4880.00 | 49.25 | 74.00 | -24.75 | 49.15 | 0.10 | Peak | 100 | 155 |
| 3 | 7320.00 | 38.44 | 54.00 | -15.56 | 32.53 | 5.91 | Average | 100 | 196 |
| 4 | 7320.00 | 51.52 | 74.00 | -22.48 | 45.61 | 5.91 | Peak | 100 | 196 |
| 5 | 12200.00 | 42.65 | 54.00 | -11.35 | 35.06 | 7.59 | Average | 100 | 53 |
| 6 | 12200.00 | 55.34 | 74.00 | -18.66 | 47.75 | 7.59 | Peak | 100 | 53 |

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

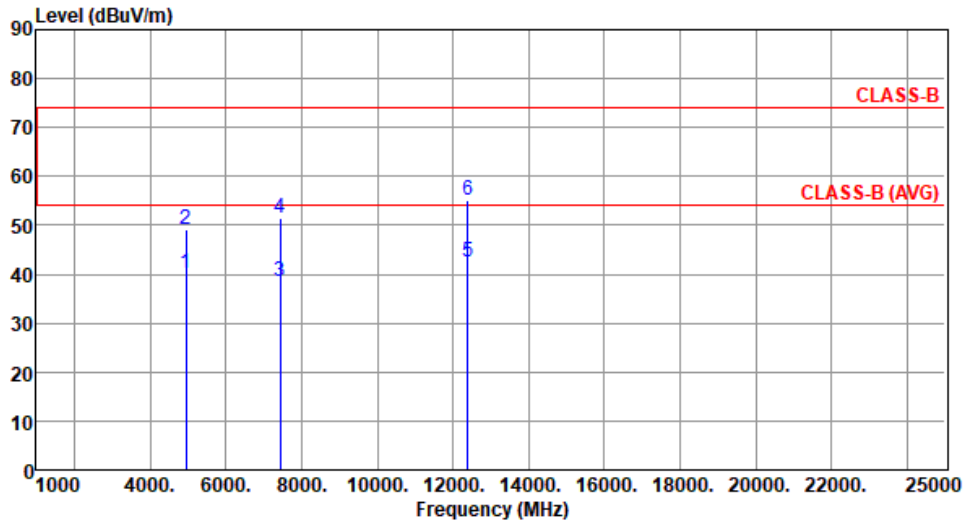


| | | | | | | | | | |
|---|-----------------|-------------------------|--------------|----------------|-----------------|-------------|---------|-------------|----------------|
| Modulation | BT-LE (125kbps) | Test Freq. (MHz) | 2440 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By :Brad Wu | | Temperature(°C):23 | | Humidity(%):63 | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 4880.00 | 39.46 | 54.00 | -14.54 | 39.36 | 0.10 | Average | 100 | 125 |
| 2 | 4880.00 | 48.82 | 74.00 | -25.18 | 48.72 | 0.10 | Peak | 100 | 125 |
| 3 | 7320.00 | 38.33 | 54.00 | -15.67 | 32.42 | 5.91 | Average | 100 | 38 |
| 4 | 7320.00 | 51.56 | 74.00 | -22.44 | 45.65 | 5.91 | Peak | 100 | 38 |
| 5 | 12200.00 | 42.96 | 54.00 | -11.04 | 35.37 | 7.59 | Average | 100 | 61 |
| 6 | 12200.00 | 55.34 | 74.00 | -18.66 | 47.75 | 7.59 | Peak | 100 | 61 |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)</p> <p>*Factor includes antenna factor , cable loss and amplifier gain</p> <p>Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |



| | | | |
|---------------------|-----------------|-------------------------|------|
| Modulation | BT-LE (125kbps) | Test Freq. (MHz) | 2478 |
| Polarization | Horizontal | | |

Test By : Paul Lin Temperature(°C): 23 Humidity(%): 63



| | Freq. MHz | Emission level dBUV/m | Limit dBUV/m | Margin dB | SA reading dBUV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 4956.00 | 40.35 | 54.00 | -13.65 | 40.20 | 0.15 | Average | 100 | 152 |
| 2 | 4956.00 | 49.15 | 74.00 | -24.85 | 49.00 | 0.15 | Peak | 100 | 152 |
| 3 | 7434.00 | 38.36 | 54.00 | -15.64 | 32.40 | 5.96 | Average | 100 | 192 |
| 4 | 7434.00 | 51.45 | 74.00 | -22.55 | 45.49 | 5.96 | Peak | 100 | 192 |
| 5 | 12390.00 | 42.59 | 54.00 | -11.41 | 35.51 | 7.08 | Average | 100 | 57 |
| 6 | 12390.00 | 55.18 | 74.00 | -18.82 | 48.10 | 7.08 | Peak | 100 | 57 |

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)

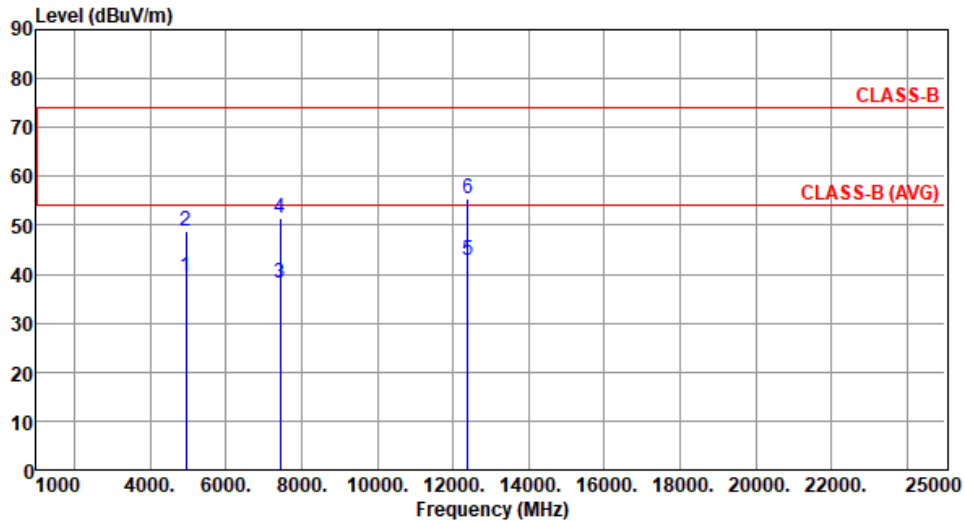
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



| | | | |
|---------------------|-----------------|-------------------------|------|
| Modulation | BT-LE (125kbps) | Test Freq. (MHz) | 2478 |
| Polarization | Vertical | | |

Test By : Paul Lin Temperature(°C): 23 Humidity(%): 63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 4956.00 | 39.37 | 54.00 | -14.63 | 39.22 | 0.15 | Average | 100 | 112 |
| 2 | 4956.00 | 48.71 | 74.00 | -25.29 | 48.56 | 0.15 | Peak | 100 | 112 |
| 3 | 7434.00 | 38.27 | 54.00 | -15.73 | 32.31 | 5.96 | Average | 100 | 31 |
| 4 | 7434.00 | 51.45 | 74.00 | -22.55 | 45.49 | 5.96 | Peak | 100 | 31 |
| 5 | 12390.00 | 42.75 | 54.00 | -11.25 | 35.67 | 7.08 | Average | 100 | 78 |
| 6 | 12390.00 | 55.34 | 74.00 | -18.66 | 48.26 | 7.08 | Peak | 100 | 78 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

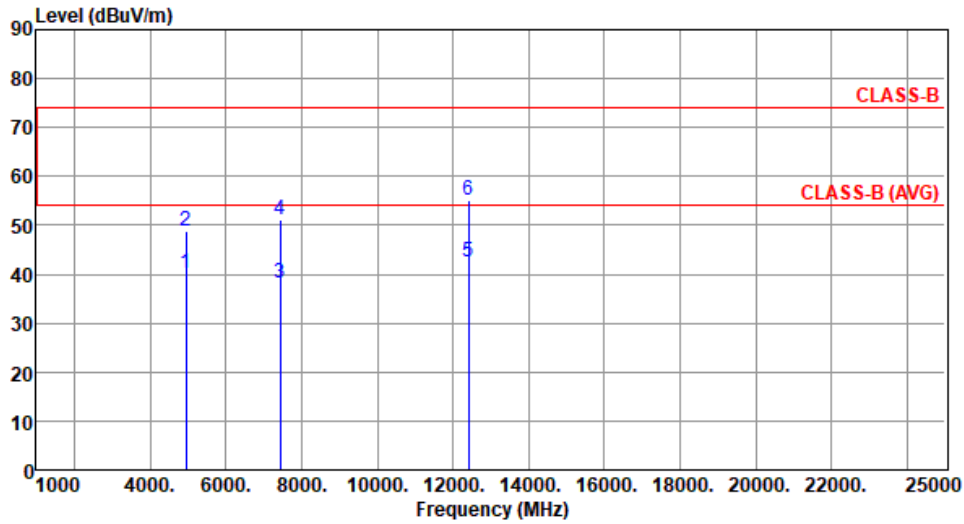
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|---------------------|-----------------|-------------------------|------|
| Modulation | BT-LE (125kbps) | Test Freq. (MHz) | 2480 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):23 Humidity(%):63



| | Freq. MHz | Emission level dBUV/m | Limit dBUV/m | Margin dB | SA reading dBUV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 4960.00 | 40.11 | 54.00 | -13.89 | 39.93 | 0.18 | Average | 100 | 148 |
| 2 | 4960.00 | 48.92 | 74.00 | -25.08 | 48.74 | 0.18 | Peak | 100 | 148 |
| 3 | 7440.00 | 38.15 | 54.00 | -15.85 | 32.19 | 5.96 | Average | 100 | 188 |
| 4 | 7440.00 | 51.26 | 74.00 | -22.74 | 45.30 | 5.96 | Peak | 100 | 188 |
| 5 | 12400.00 | 42.49 | 54.00 | -11.51 | 35.46 | 7.03 | Average | 100 | 61 |
| 6 | 12400.00 | 55.04 | 74.00 | -18.96 | 48.01 | 7.03 | Peak | 100 | 61 |

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)

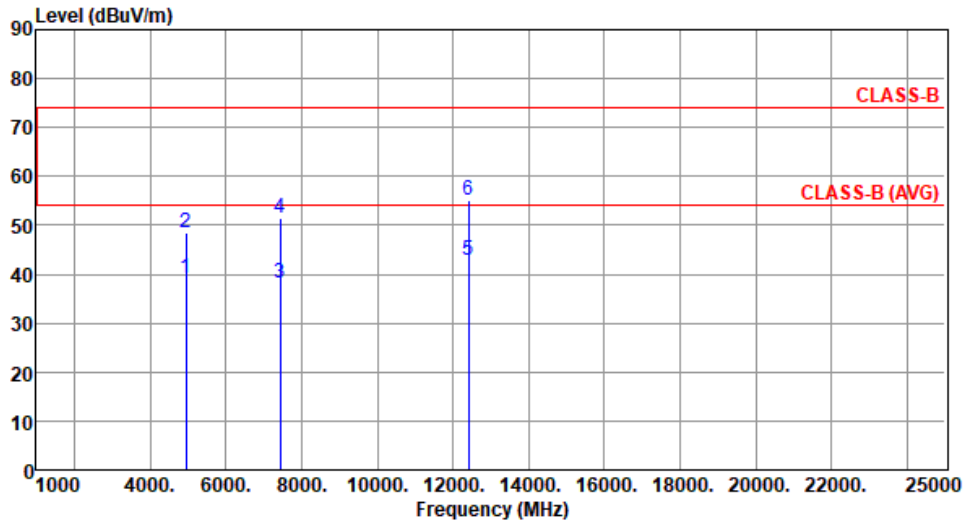
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



| | | | |
|---------------------|-----------------|-------------------------|------|
| Modulation | BT-LE (125kbps) | Test Freq. (MHz) | 2480 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):23 Humidity(%):63



| | Freq. MHz | Emission level dBUV/m | Limit dBUV/m | Margin dB | SA reading dBUV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 4960.00 | 39.24 | 54.00 | -14.76 | 39.06 | 0.18 | Average | 100 | 128 |
| 2 | 4960.00 | 48.57 | 74.00 | -25.43 | 48.39 | 0.18 | Peak | 100 | 128 |
| 3 | 7440.00 | 38.16 | 54.00 | -15.84 | 32.20 | 5.96 | Average | 100 | 36 |
| 4 | 7440.00 | 51.33 | 74.00 | -22.67 | 45.37 | 5.96 | Peak | 100 | 36 |
| 5 | 12400.00 | 42.81 | 54.00 | -11.19 | 35.78 | 7.03 | Average | 100 | 69 |
| 6 | 12400.00 | 55.24 | 74.00 | -18.76 | 48.21 | 7.03 | Peak | 100 | 69 |

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



| | | | | | | | | | |
|---|-----------------|-------------------------|--------------|----------------|-----------------|-------------|---------|-------------|----------------|
| Modulation | BT-LE (500kbps) | Test Freq. (MHz) | 2402 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Brad Wu | | Temperature(°C):24 | | Humidity(%):63 | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 3688.00 | 29.91 | 54.00 | -24.09 | 31.60 | -1.69 | Average | 100 | 81 |
| 2 | 3688.00 | 42.33 | 74.00 | -31.67 | 44.02 | -1.69 | Peak | 100 | 81 |
| 3 | 4804.00 | 48.67 | 54.00 | -5.33 | 48.64 | 0.03 | Average | 100 | 167 |
| 4 | 4804.00 | 54.09 | 74.00 | -19.91 | 54.06 | 0.03 | Peak | 100 | 167 |
| 5 | 12010.00 | 43.34 | 54.00 | -10.66 | 35.58 | 7.76 | Average | 100 | 52 |
| 6 | 12010.00 | 56.47 | 74.00 | -17.53 | 48.71 | 7.76 | Peak | 100 | 52 |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |

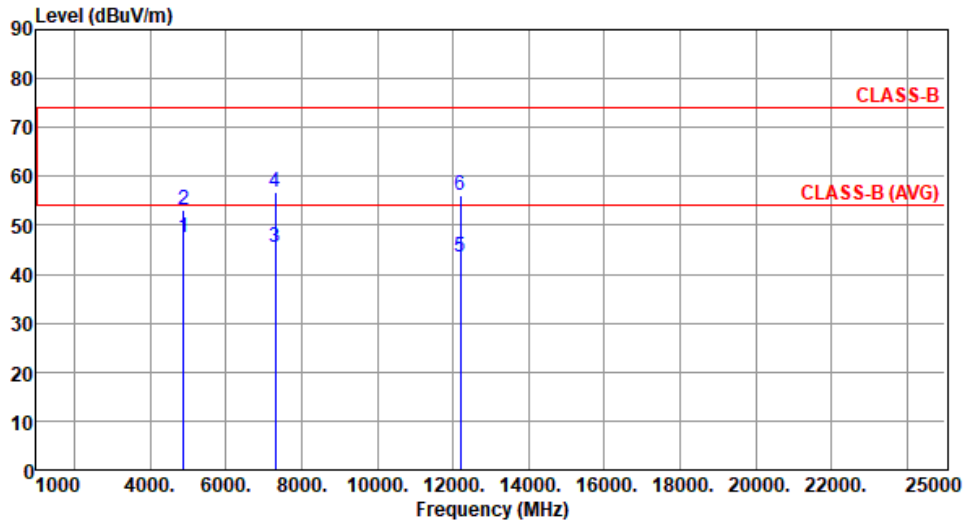


| | | | | | | | | | |
|---|-----------------|-------------------------|--------------|----------------|-----------------|-------------|---------|-------------|----------------|
| Modulation | BT-LE (500kbps) | Test Freq. (MHz) | 2402 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By :Brad Wu | | Temperature(°C):24 | | Humidity(%):63 | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 3688.00 | 29.55 | 54.00 | -24.45 | 31.24 | -1.69 | Average | 100 | 31 |
| 2 | 3688.00 | 42.73 | 74.00 | -31.27 | 44.42 | -1.69 | Peak | 100 | 31 |
| 3 | 4804.00 | 43.36 | 54.00 | -10.64 | 43.33 | 0.03 | Average | 100 | 152 |
| 4 | 4804.00 | 51.06 | 74.00 | -22.94 | 51.03 | 0.03 | Peak | 100 | 152 |
| 5 | 12010.00 | 43.32 | 54.00 | -10.68 | 35.56 | 7.76 | Average | 100 | 61 |
| 6 | 12010.00 | 56.77 | 74.00 | -17.23 | 49.01 | 7.76 | Peak | 100 | 61 |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)</p> <p>*Factor includes antenna factor , cable loss and amplifier gain</p> <p>Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |



| | | | |
|---------------------|-----------------|-------------------------|------|
| Modulation | BT-LE (500kbps) | Test Freq. (MHz) | 2440 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBUV/m | Limit dBUV/m | Margin dB | SA reading dBUV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 4880.00 | 47.59 | 54.00 | -6.41 | 47.49 | 0.10 | Average | 100 | 178 |
| 2 | 4880.00 | 53.21 | 74.00 | -20.79 | 53.11 | 0.10 | Peak | 100 | 178 |
| 3 | 7320.00 | 45.61 | 54.00 | -8.39 | 39.70 | 5.91 | Average | 100 | 195 |
| 4 | 7320.00 | 56.85 | 74.00 | -17.15 | 50.94 | 5.91 | Peak | 100 | 195 |
| 5 | 12200.00 | 43.66 | 54.00 | -10.34 | 36.07 | 7.59 | Average | 100 | 49 |
| 6 | 12200.00 | 56.02 | 74.00 | -17.98 | 48.43 | 7.59 | Peak | 100 | 49 |

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

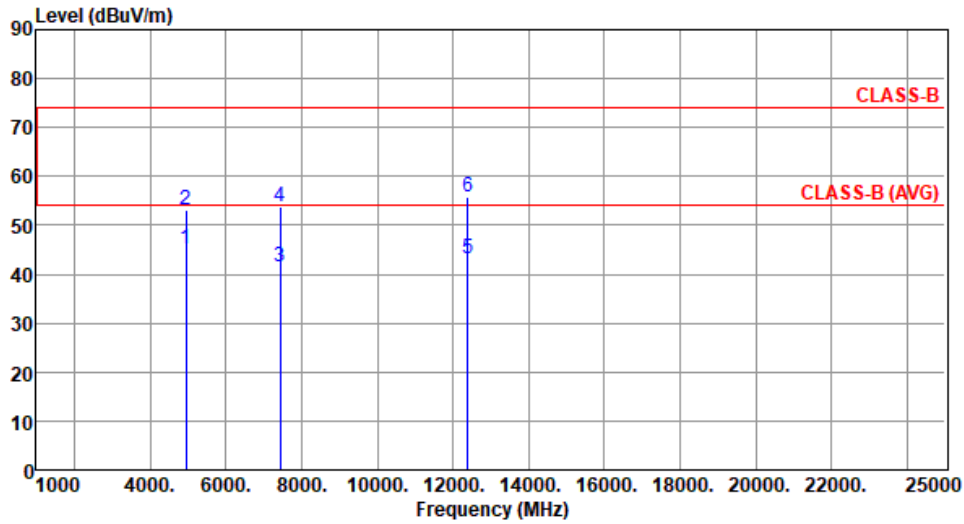


| | | | | | | | | | |
|---|-----------------|-------------------------|--------------|----------------|-----------------|-------------|---------|-------------|----------------|
| Modulation | BT-LE (500kbps) | Test Freq. (MHz) | 2440 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By :Brad Wu | | Temperature(°C):24 | | Humidity(%):63 | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBUV/m | Limit dBUV/m | Margin dB | SA reading dBUV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 4880.00 | 43.11 | 54.00 | -10.89 | 43.01 | 0.10 | Average | 100 | 145 |
| 2 | 4880.00 | 50.52 | 74.00 | -23.48 | 50.42 | 0.10 | Peak | 100 | 145 |
| 3 | 7320.00 | 45.77 | 54.00 | -8.23 | 39.86 | 5.91 | Average | 100 | 33 |
| 4 | 7320.00 | 56.57 | 74.00 | -17.43 | 50.66 | 5.91 | Peak | 100 | 33 |
| 5 | 12200.00 | 43.19 | 54.00 | -10.81 | 35.60 | 7.59 | Average | 100 | 57 |
| 6 | 12200.00 | 56.79 | 74.00 | -17.21 | 49.20 | 7.59 | Peak | 100 | 57 |
| <p>Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)</p> <p>*Factor includes antenna factor , cable loss and amplifier gain</p> <p>Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).</p> | | | | | | | | | |



| | | | |
|---------------------|-----------------|-------------------------|------|
| Modulation | BT-LE (500kbps) | Test Freq. (MHz) | 2478 |
| Polarization | Horizontal | | |

Test By : Paul Lin Temperature(°C): 24 Humidity(%): 63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 4956.00 | 45.01 | 54.00 | -8.99 | 44.86 | 0.15 | Average | 100 | 172 |
| 2 | 4956.00 | 53.06 | 74.00 | -20.94 | 52.91 | 0.15 | Peak | 100 | 172 |
| 3 | 7434.00 | 41.61 | 54.00 | -12.39 | 35.65 | 5.96 | Average | 100 | 216 |
| 4 | 7434.00 | 53.84 | 74.00 | -20.16 | 47.88 | 5.96 | Peak | 100 | 216 |
| 5 | 12390.00 | 43.08 | 54.00 | -10.92 | 36.00 | 7.08 | Average | 100 | 81 |
| 6 | 12390.00 | 55.73 | 74.00 | -18.27 | 48.65 | 7.08 | Peak | 100 | 81 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

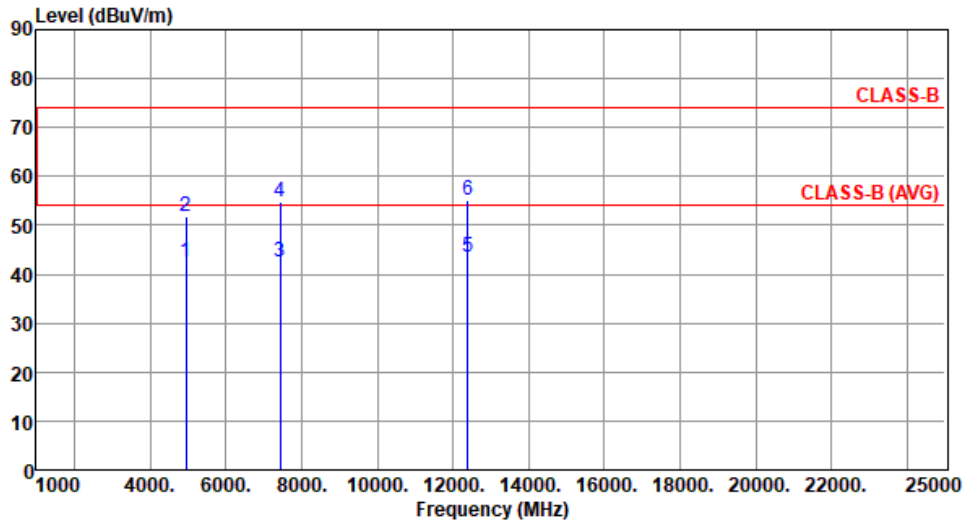
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|---------------------|-----------------|-------------------------|------|
| Modulation | BT-LE (500kbps) | Test Freq. (MHz) | 2478 |
| Polarization | Vertical | | |

Test By : Paul Lin Temperature(°C): 24 Humidity(%): 63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 4956.00 | 42.57 | 54.00 | -11.43 | 42.42 | 0.15 | Average | 100 | 134 |
| 2 | 4956.00 | 51.84 | 74.00 | -22.16 | 51.69 | 0.15 | Peak | 100 | 134 |
| 3 | 7434.00 | 42.46 | 54.00 | -11.54 | 36.50 | 5.96 | Average | 100 | 41 |
| 4 | 7434.00 | 54.78 | 74.00 | -19.22 | 48.82 | 5.96 | Peak | 100 | 41 |
| 5 | 12390.00 | 43.34 | 54.00 | -10.66 | 36.26 | 7.08 | Average | 100 | 64 |
| 6 | 12390.00 | 55.24 | 74.00 | -18.76 | 48.16 | 7.08 | Peak | 100 | 64 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

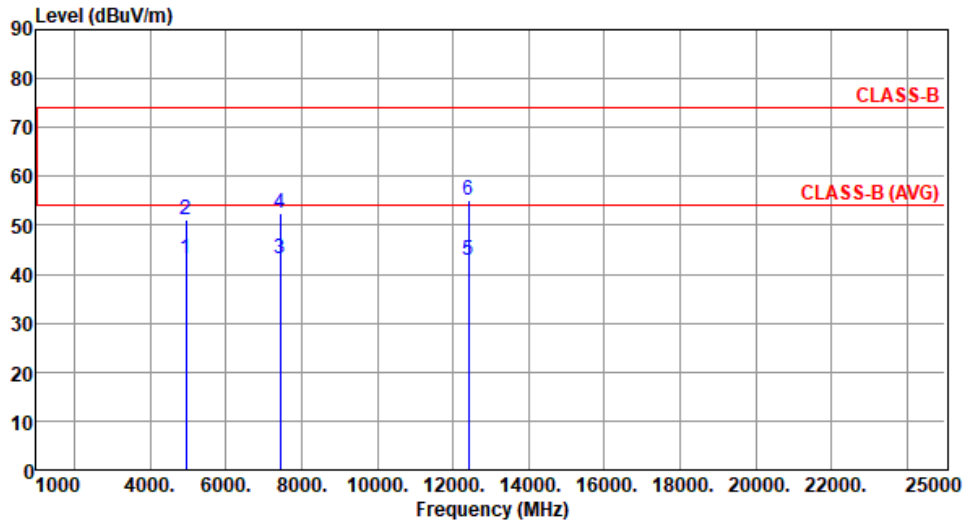
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|---------------------|-----------------|-------------------------|------|
| Modulation | BT-LE (500kbps) | Test Freq. (MHz) | 2480 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBUV/m | Limit dBUV/m | Margin dB | SA reading dBUV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 4960.00 | 43.23 | 54.00 | -10.77 | 43.05 | 0.18 | Average | 100 | 181 |
| 2 | 4960.00 | 51.27 | 74.00 | -22.73 | 51.09 | 0.18 | Peak | 100 | 181 |
| 3 | 7440.00 | 43.18 | 54.00 | -10.82 | 37.22 | 5.96 | Average | 100 | 211 |
| 4 | 7440.00 | 52.52 | 74.00 | -21.48 | 46.56 | 5.96 | Peak | 100 | 211 |
| 5 | 12400.00 | 42.77 | 54.00 | -11.23 | 35.74 | 7.03 | Average | 100 | 47 |
| 6 | 12400.00 | 55.02 | 74.00 | -18.98 | 47.99 | 7.03 | Peak | 100 | 47 |

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)

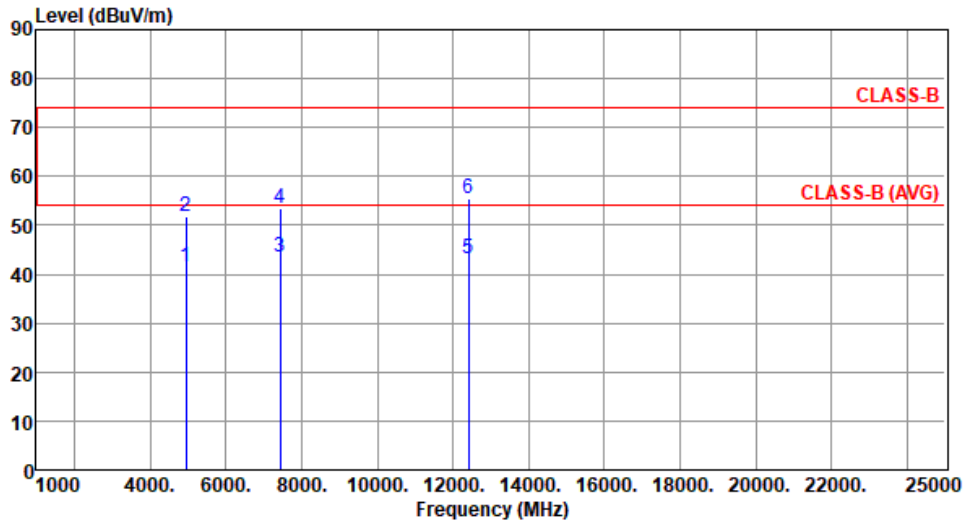
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



| | | | |
|---------------------|-----------------|-------------------------|------|
| Modulation | BT-LE (500kbps) | Test Freq. (MHz) | 2480 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 4960.00 | 41.48 | 54.00 | -12.52 | 41.30 | 0.18 | Average | 100 | 126 |
| 2 | 4960.00 | 51.85 | 74.00 | -22.15 | 51.67 | 0.18 | Peak | 100 | 126 |
| 3 | 7440.00 | 43.42 | 54.00 | -10.58 | 37.46 | 5.96 | Average | 100 | 35 |
| 4 | 7440.00 | 53.63 | 74.00 | -20.37 | 47.67 | 5.96 | Peak | 100 | 35 |
| 5 | 12400.00 | 43.16 | 54.00 | -10.84 | 36.13 | 7.03 | Average | 100 | 67 |
| 6 | 12400.00 | 55.38 | 74.00 | -18.62 | 48.35 | 7.03 | Peak | 100 | 67 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | | | | | | | |
|--|---------------|-------------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| Modulation | BT-LE (1Mbps) | Test Freq. (MHz) | 2402 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Brad Wu Temperature(°C):24 Humidity(%):63 | | | | | | | | | |
| <p>The graph plots Level (dBuV/m) on the y-axis (0 to 90) against Frequency (MHz) on the x-axis (1000 to 25000). Two horizontal red lines represent limits: CLASS-B at approximately 74 dBuV/m and CLASS-B (AVG) at approximately 54 dBuV/m. Six vertical blue lines with labels 1-6 indicate measured emission levels at various frequencies: 1 (3688 MHz, ~29.83 dBuV/m), 2 (3688 MHz, ~42.23 dBuV/m), 3 (4804 MHz, ~48.74 dBuV/m), 4 (4804 MHz, ~54.27 dBuV/m), 5 (12010 MHz, ~43.21 dBuV/m), and 6 (12010 MHz, ~56.12 dBuV/m).</p> | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 3688.00 | 29.83 | 54.00 | -24.17 | 31.52 | -1.69 | Average | 100 | 76 |
| 2 | 3688.00 | 42.23 | 74.00 | -31.77 | 43.92 | -1.69 | Peak | 100 | 76 |
| 3 | 4804.00 | 48.74 | 54.00 | -5.26 | 48.71 | 0.03 | Average | 100 | 162 |
| 4 | 4804.00 | 54.27 | 74.00 | -19.73 | 54.24 | 0.03 | Peak | 100 | 162 |
| 5 | 12010.00 | 43.21 | 54.00 | -10.79 | 35.45 | 7.76 | Average | 100 | 48 |
| 6 | 12010.00 | 56.12 | 74.00 | -17.88 | 48.36 | 7.76 | Peak | 100 | 48 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | | |
|---------------------|---------------|-------------------------|------|----------------|
| Modulation | BT-LE (1Mbps) | Test Freq. (MHz) | 2402 | |
| Polarization | Vertical | | | |
| Test By :Brad Wu | | Temperature(°C):24 | | Humidity(%):63 |

The graph plots Level (dBuV/m) on the y-axis (0 to 90) against Frequency (MHz) on the x-axis (1000 to 25000). Two horizontal red lines represent limits: CLASS-B at approximately 75 dBuV/m and CLASS-B (AVG) at approximately 55 dBuV/m. Six vertical blue lines with labels 2, 3, 4, 5, and 6 indicate specific measurement points. Line 2 is at ~3688 MHz, line 3 at ~4804 MHz, line 4 at ~4804 MHz, line 5 at ~12010 MHz, and line 6 at ~12010 MHz.

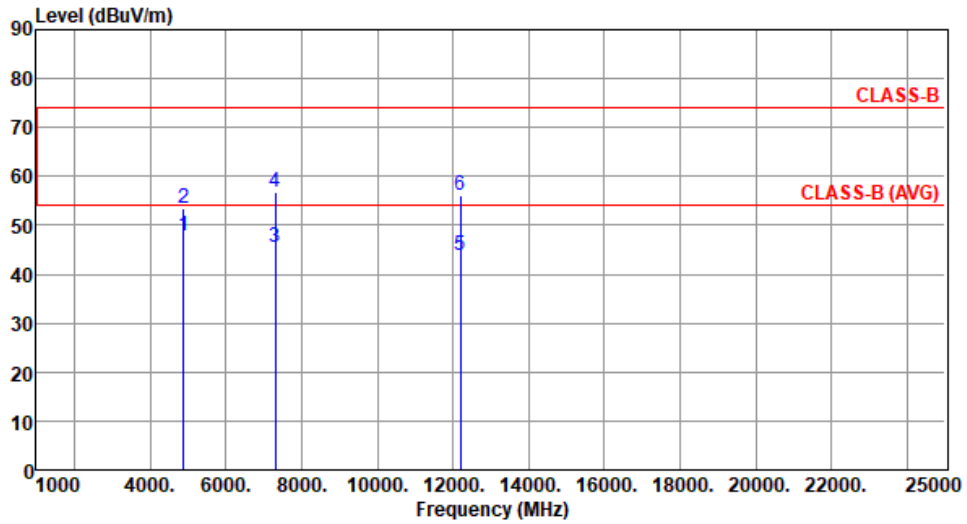
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 3688.00 | 29.45 | 54.00 | -24.55 | 31.14 | -1.69 | Average | 100 | 28 |
| 2 | 3688.00 | 42.66 | 74.00 | -31.34 | 44.35 | -1.69 | Peak | 100 | 28 |
| 3 | 4804.00 | 43.21 | 54.00 | -10.79 | 43.18 | 0.03 | Average | 100 | 149 |
| 4 | 4804.00 | 50.78 | 74.00 | -23.22 | 50.75 | 0.03 | Peak | 100 | 149 |
| 5 | 12010.00 | 43.19 | 54.00 | -10.81 | 35.43 | 7.76 | Average | 100 | 53 |
| 6 | 12010.00 | 56.68 | 74.00 | -17.32 | 48.92 | 7.76 | Peak | 100 | 53 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
 *Factor includes antenna factor , cable loss and amplifier gain
 Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | BT-LE (1Mbps) | Test Freq. (MHz) | 2440 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBUV/m | Limit dBUV/m | Margin dB | SA reading dBUV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 4880.00 | 47.88 | 54.00 | -6.12 | 47.78 | 0.10 | Average | 100 | 162 |
| 2 | 4880.00 | 53.41 | 74.00 | -20.59 | 53.31 | 0.10 | Peak | 100 | 162 |
| 3 | 7320.00 | 45.54 | 54.00 | -8.46 | 39.63 | 5.91 | Average | 100 | 188 |
| 4 | 7320.00 | 56.69 | 74.00 | -17.31 | 50.78 | 5.91 | Peak | 100 | 188 |
| 5 | 12200.00 | 43.82 | 54.00 | -10.18 | 36.23 | 7.59 | Average | 100 | 55 |
| 6 | 12200.00 | 56.16 | 74.00 | -17.84 | 48.57 | 7.59 | Peak | 100 | 55 |

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



| | | | | | | | | | |
|---|---------------|-------------------------|--------|----------------|------------|--------|---------|----------|------------|
| Modulation | BT-LE (1Mbps) | Test Freq. (MHz) | 2440 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By :Brad Wu | | Temperature(°C):24 | | Humidity(%):63 | | | | | |
| | | | | | | | | | |
| | Freq. | Emission level | Limit | Margin | SA reading | Factor | Remark | ANT High | Turn Table |
| | MHz | dBuV/m | dBuV/m | dB | dBuV | dB/m | | cm | deg |
| 1 | 4880.00 | 43.07 | 54.00 | -10.93 | 42.97 | 0.10 | Average | 101 | 143 |
| 2 | 4880.00 | 50.65 | 74.00 | -23.35 | 50.55 | 0.10 | Peak | 101 | 143 |
| 3 | 7320.00 | 45.64 | 54.00 | -8.36 | 39.73 | 5.91 | Average | 100 | 28 |
| 4 | 7320.00 | 56.36 | 74.00 | -17.64 | 50.45 | 5.91 | Peak | 100 | 28 |
| 5 | 12200.00 | 43.05 | 54.00 | -10.95 | 35.46 | 7.59 | Average | 100 | 46 |
| 6 | 12200.00 | 56.51 | 74.00 | -17.49 | 48.92 | 7.59 | Peak | 100 | 46 |
| <p>Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).</p> | | | | | | | | | |



| | | | | | | | | | |
|---|---------------|-------------------------|--------------|-----------------|-----------------|-------------|---------|-------------|----------------|
| Modulation | BT-LE (1Mbps) | Test Freq. (MHz) | 2478 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 24 | | Humidity(%): 63 | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 4956.00 | 45.23 | 54.00 | -8.77 | 45.08 | 0.15 | Average | 100 | 164 |
| 2 | 4956.00 | 53.21 | 74.00 | -20.79 | 53.06 | 0.15 | Peak | 100 | 164 |
| 3 | 7434.00 | 41.35 | 54.00 | -12.65 | 35.39 | 5.96 | Average | 100 | 207 |
| 4 | 7434.00 | 53.55 | 74.00 | -20.45 | 47.59 | 5.96 | Peak | 100 | 207 |
| 5 | 12390.00 | 42.77 | 54.00 | -11.23 | 35.69 | 7.08 | Average | 100 | 73 |
| 6 | 12390.00 | 55.47 | 74.00 | -18.53 | 48.39 | 7.08 | Peak | 100 | 73 |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |

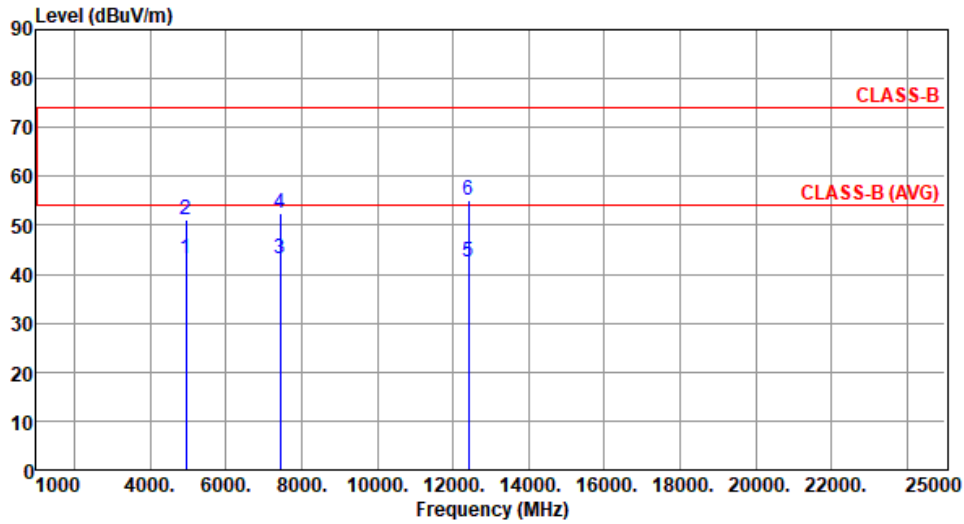


| | | | | | | | | | |
|---|---------------|-------------------------|--------------|-----------------|-----------------|-------------|---------|-------------|----------------|
| Modulation | BT-LE (1Mbps) | Test Freq. (MHz) | 2478 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By : Paul Lin | | Temperature(°C): 24 | | Humidity(%): 63 | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 4956.00 | 42.47 | 54.00 | -11.53 | 42.32 | 0.15 | Average | 100 | 128 |
| 2 | 4956.00 | 51.77 | 74.00 | -22.23 | 51.62 | 0.15 | Peak | 100 | 128 |
| 3 | 7434.00 | 42.34 | 54.00 | -11.66 | 36.38 | 5.96 | Average | 100 | 36 |
| 4 | 7434.00 | 54.62 | 74.00 | -19.38 | 48.66 | 5.96 | Peak | 100 | 36 |
| 5 | 12390.00 | 43.11 | 54.00 | -10.89 | 36.03 | 7.08 | Average | 100 | 71 |
| 6 | 12390.00 | 55.49 | 74.00 | -18.51 | 48.41 | 7.08 | Peak | 100 | 71 |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)</p> <p>*Factor includes antenna factor , cable loss and amplifier gain</p> <p>Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | BT-LE (1Mbps) | Test Freq. (MHz) | 2480 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBUV/m | Limit dBUV/m | Margin dB | SA reading dBUV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 4960.00 | 43.19 | 54.00 | -10.81 | 43.01 | 0.18 | Average | 100 | 156 |
| 2 | 4960.00 | 51.05 | 74.00 | -22.95 | 50.87 | 0.18 | Peak | 100 | 156 |
| 3 | 7440.00 | 43.21 | 54.00 | -10.79 | 37.25 | 5.96 | Average | 100 | 193 |
| 4 | 7440.00 | 52.32 | 74.00 | -21.68 | 46.36 | 5.96 | Peak | 100 | 193 |
| 5 | 12400.00 | 42.58 | 54.00 | -11.42 | 35.55 | 7.03 | Average | 100 | 64 |
| 6 | 12400.00 | 55.11 | 74.00 | -18.89 | 48.08 | 7.03 | Peak | 100 | 64 |

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



| | | | | | | | | | |
|---|---------------|-------------------------|--------------|----------------|-----------------|-------------|---------|-------------|----------------|
| Modulation | BT-LE (1Mbps) | Test Freq. (MHz) | 2480 | | | | | | |
| Polarization | Vertical | | | | | | | | |
| Test By :Brad Wu | | Temperature(°C):24 | | Humidity(%):63 | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 4960.00 | 41.35 | 54.00 | -12.65 | 41.17 | 0.18 | Average | 100 | 122 |
| 2 | 4960.00 | 51.66 | 74.00 | -22.34 | 51.48 | 0.18 | Peak | 100 | 122 |
| 3 | 7440.00 | 43.21 | 54.00 | -10.79 | 37.25 | 5.96 | Average | 100 | 31 |
| 4 | 7440.00 | 53.42 | 74.00 | -20.58 | 47.46 | 5.96 | Peak | 100 | 31 |
| 5 | 12400.00 | 42.85 | 54.00 | -11.15 | 35.82 | 7.03 | Average | 100 | 59 |
| 6 | 12400.00 | 55.27 | 74.00 | -18.73 | 48.24 | 7.03 | Peak | 100 | 59 |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)</p> <p>*Factor includes antenna factor , cable loss and amplifier gain</p> <p>Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |



| | | | | | | | | | |
|---|---------------|-------------------------|--------------|----------------|-----------------|-------------|---------|-------------|----------------|
| Modulation | BT-LE (2Mbps) | Test Freq. (MHz) | 2404 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Brad Wu | | Temperature(°C):24 | | Humidity(%):63 | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 3688.00 | 29.75 | 54.00 | -24.25 | 31.44 | -1.69 | Average | 100 | 82 |
| 2 | 3688.00 | 42.15 | 74.00 | -31.85 | 43.84 | -1.69 | Peak | 100 | 82 |
| 3 | 4808.00 | 47.65 | 54.00 | -6.35 | 47.60 | 0.05 | Average | 100 | 168 |
| 4 | 4808.00 | 53.44 | 74.00 | -20.56 | 53.39 | 0.05 | Peak | 100 | 168 |
| 5 | 12020.00 | 43.14 | 54.00 | -10.86 | 35.37 | 7.77 | Average | 100 | 53 |
| 6 | 12020.00 | 56.08 | 74.00 | -17.92 | 48.31 | 7.77 | Peak | 100 | 53 |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |



| Modulation | BT-LE (2Mbps) | Test Freq. (MHz) | 2404 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|-------------------------|--------------|-----------------------|-----------------|-------------|-----------------|-------------|----------------|-------------|----------------|---|---------|-------|-------|--------|-------|-------|---------|-----|----|---|---------|-------|-------|--------|-------|-------|------|-----|----|---|---------|-------|-------|--------|-------|------|---------|-----|-----|---|---------|-------|-------|--------|-------|------|------|-----|-----|---|----------|-------|-------|--------|-------|------|---------|-----|----|---|----------|-------|-------|--------|-------|------|------|-----|----|--|--|--|
| Polarization | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Test By :Brad Wu Temperature(°C):24 Humidity(%):63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th></th> <th>Freq. MHz</th> <th>Emission level dBuV/m</th> <th>Limit dBuV/m</th> <th>Margin dB</th> <th>SA reading dBuV</th> <th>Factor dB/m</th> <th>Remark</th> <th>ANT High cm</th> <th>Turn Table deg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>3688.00</td> <td>29.31</td> <td>54.00</td> <td>-24.69</td> <td>31.00</td> <td>-1.69</td> <td>Average</td> <td>100</td> <td>35</td> </tr> <tr> <td>2</td> <td>3688.00</td> <td>42.54</td> <td>74.00</td> <td>-31.46</td> <td>44.23</td> <td>-1.69</td> <td>Peak</td> <td>100</td> <td>35</td> </tr> <tr> <td>3</td> <td>4808.00</td> <td>42.82</td> <td>54.00</td> <td>-11.18</td> <td>42.77</td> <td>0.05</td> <td>Average</td> <td>100</td> <td>156</td> </tr> <tr> <td>4</td> <td>4808.00</td> <td>50.41</td> <td>74.00</td> <td>-23.59</td> <td>50.36</td> <td>0.05</td> <td>Peak</td> <td>100</td> <td>156</td> </tr> <tr> <td>5</td> <td>12020.00</td> <td>43.05</td> <td>54.00</td> <td>-10.95</td> <td>35.28</td> <td>7.77</td> <td>Average</td> <td>100</td> <td>47</td> </tr> <tr> <td>6</td> <td>12020.00</td> <td>56.51</td> <td>74.00</td> <td>-17.49</td> <td>48.74</td> <td>7.77</td> <td>Peak</td> <td>100</td> <td>47</td> </tr> </tbody> </table> | | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg | 1 | 3688.00 | 29.31 | 54.00 | -24.69 | 31.00 | -1.69 | Average | 100 | 35 | 2 | 3688.00 | 42.54 | 74.00 | -31.46 | 44.23 | -1.69 | Peak | 100 | 35 | 3 | 4808.00 | 42.82 | 54.00 | -11.18 | 42.77 | 0.05 | Average | 100 | 156 | 4 | 4808.00 | 50.41 | 74.00 | -23.59 | 50.36 | 0.05 | Peak | 100 | 156 | 5 | 12020.00 | 43.05 | 54.00 | -10.95 | 35.28 | 7.77 | Average | 100 | 47 | 6 | 12020.00 | 56.51 | 74.00 | -17.49 | 48.74 | 7.77 | Peak | 100 | 47 | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 3688.00 | 29.31 | 54.00 | -24.69 | 31.00 | -1.69 | Average | 100 | 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 3688.00 | 42.54 | 74.00 | -31.46 | 44.23 | -1.69 | Peak | 100 | 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 4808.00 | 42.82 | 54.00 | -11.18 | 42.77 | 0.05 | Average | 100 | 156 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 4808.00 | 50.41 | 74.00 | -23.59 | 50.36 | 0.05 | Peak | 100 | 156 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 12020.00 | 43.05 | 54.00 | -10.95 | 35.28 | 7.77 | Average | 100 | 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 12020.00 | 56.51 | 74.00 | -17.49 | 48.74 | 7.77 | Peak | 100 | 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

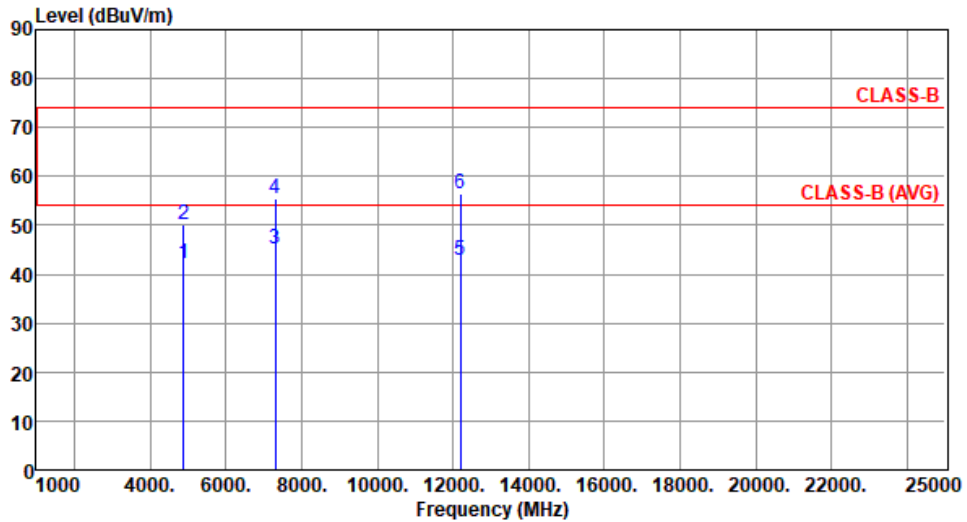


| | | | | | | | | | |
|---|---------------|-------------------------|--------------|----------------|-----------------|-------------|---------|-------------|----------------|
| Modulation | BT-LE (2Mbps) | Test Freq. (MHz) | 2440 | | | | | | |
| Polarization | Horizontal | | | | | | | | |
| Test By :Brad Wu | | Temperature(°C):24 | | Humidity(%):63 | | | | | |
| | | | | | | | | | |
| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
| 1 | 4880.00 | 46.52 | 54.00 | -7.48 | 46.42 | 0.10 | Average | 100 | 155 |
| 2 | 4880.00 | 52.29 | 74.00 | -21.71 | 52.19 | 0.10 | Peak | 100 | 155 |
| 3 | 7320.00 | 45.03 | 54.00 | -8.97 | 39.12 | 5.91 | Average | 100 | 192 |
| 4 | 7320.00 | 56.15 | 74.00 | -17.85 | 50.24 | 5.91 | Peak | 100 | 192 |
| 5 | 12200.00 | 43.68 | 54.00 | -10.32 | 36.09 | 7.59 | Average | 100 | 44 |
| 6 | 12200.00 | 56.02 | 74.00 | -17.98 | 48.43 | 7.59 | Peak | 100 | 44 |
| <p>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)</p> <p>*Factor includes antenna factor , cable loss and amplifier gain</p> <p>Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</p> | | | | | | | | | |



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | BT-LE (2Mbps) | Test Freq. (MHz) | 2440 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBUV/m | Limit dBUV/m | Margin dB | SA reading dBUV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 4880.00 | 42.24 | 54.00 | -11.76 | 42.14 | 0.10 | Average | 100 | 151 |
| 2 | 4880.00 | 50.11 | 74.00 | -23.89 | 50.01 | 0.10 | Peak | 100 | 151 |
| 3 | 7320.00 | 45.08 | 54.00 | -8.92 | 39.17 | 5.91 | Average | 100 | 39 |
| 4 | 7320.00 | 55.62 | 74.00 | -18.38 | 49.71 | 5.91 | Peak | 100 | 39 |
| 5 | 12200.00 | 42.87 | 54.00 | -11.13 | 35.28 | 7.59 | Average | 100 | 59 |
| 6 | 12200.00 | 56.44 | 74.00 | -17.56 | 48.85 | 7.59 | Peak | 100 | 59 |

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)

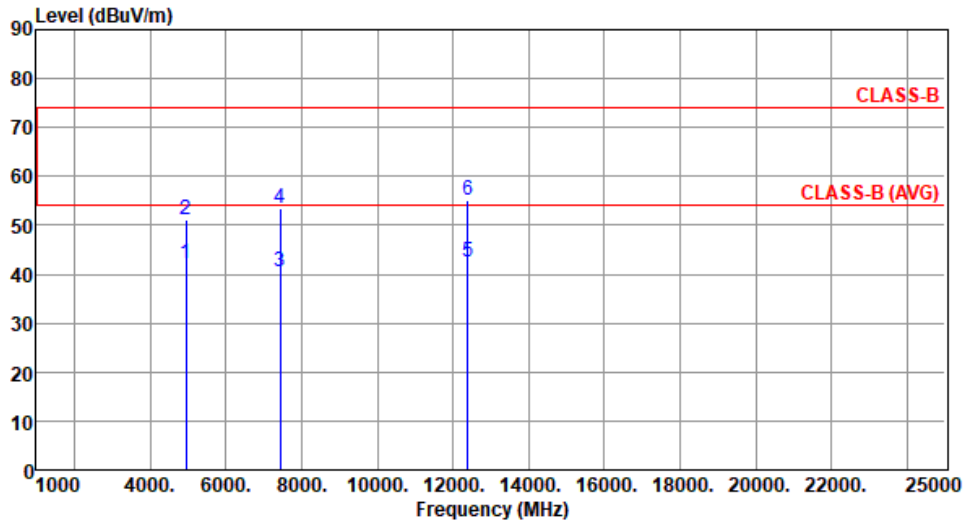
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | BT-LE (2Mbps) | Test Freq. (MHz) | 2478 |
| Polarization | Horizontal | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBUV/m | Limit dBUV/m | Margin dB | SA reading dBUV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 4956.00 | 42.34 | 54.00 | -11.66 | 42.19 | 0.15 | Average | 100 | 152 |
| 2 | 4956.00 | 51.21 | 74.00 | -22.79 | 51.06 | 0.15 | Peak | 100 | 152 |
| 3 | 7434.00 | 40.36 | 54.00 | -13.64 | 34.40 | 5.96 | Average | 100 | 189 |
| 4 | 7434.00 | 53.48 | 74.00 | -20.52 | 47.52 | 5.96 | Peak | 100 | 189 |
| 5 | 12390.00 | 42.46 | 54.00 | -11.54 | 35.38 | 7.08 | Average | 100 | 57 |
| 6 | 12390.00 | 55.19 | 74.00 | -18.81 | 48.11 | 7.08 | Peak | 100 | 57 |

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)

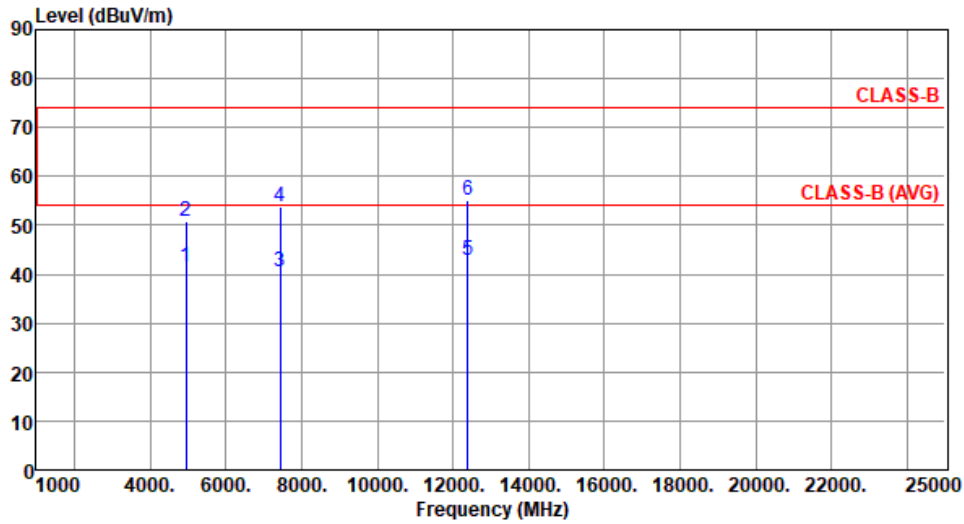
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



| | | | |
|---------------------|---------------|-------------------------|------|
| Modulation | BT-LE (2Mbps) | Test Freq. (MHz) | 2478 |
| Polarization | Vertical | | |

Test By :Brad Wu Temperature(°C):24 Humidity(%):63



| | Freq. MHz | Emission level dBuV/m | Limit dBuV/m | Margin dB | SA reading dBuV | Factor dB/m | Remark | ANT High cm | Turn Table deg |
|---|-----------|-----------------------|--------------|-----------|-----------------|-------------|---------|-------------|----------------|
| 1 | 4956.00 | 41.48 | 54.00 | -12.52 | 41.33 | 0.15 | Average | 100 | 125 |
| 2 | 4956.00 | 50.77 | 74.00 | -23.23 | 50.62 | 0.15 | Peak | 100 | 125 |
| 3 | 7434.00 | 40.45 | 54.00 | -13.55 | 34.49 | 5.96 | Average | 100 | 46 |
| 4 | 7434.00 | 53.64 | 74.00 | -20.36 | 47.68 | 5.96 | Peak | 100 | 46 |
| 5 | 12390.00 | 42.76 | 54.00 | -11.24 | 35.68 | 7.08 | Average | 100 | 14 |
| 6 | 12390.00 | 55.18 | 74.00 | -18.82 | 48.10 | 7.08 | Peak | 100 | 14 |

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



3) Configuration 3: Laird part number: 453-00148, 20dBm, RF Trace Pad (External antenna)

Transmitter Conducted Unwanted Emissions (30MHz ~ 1GHz)

Summary

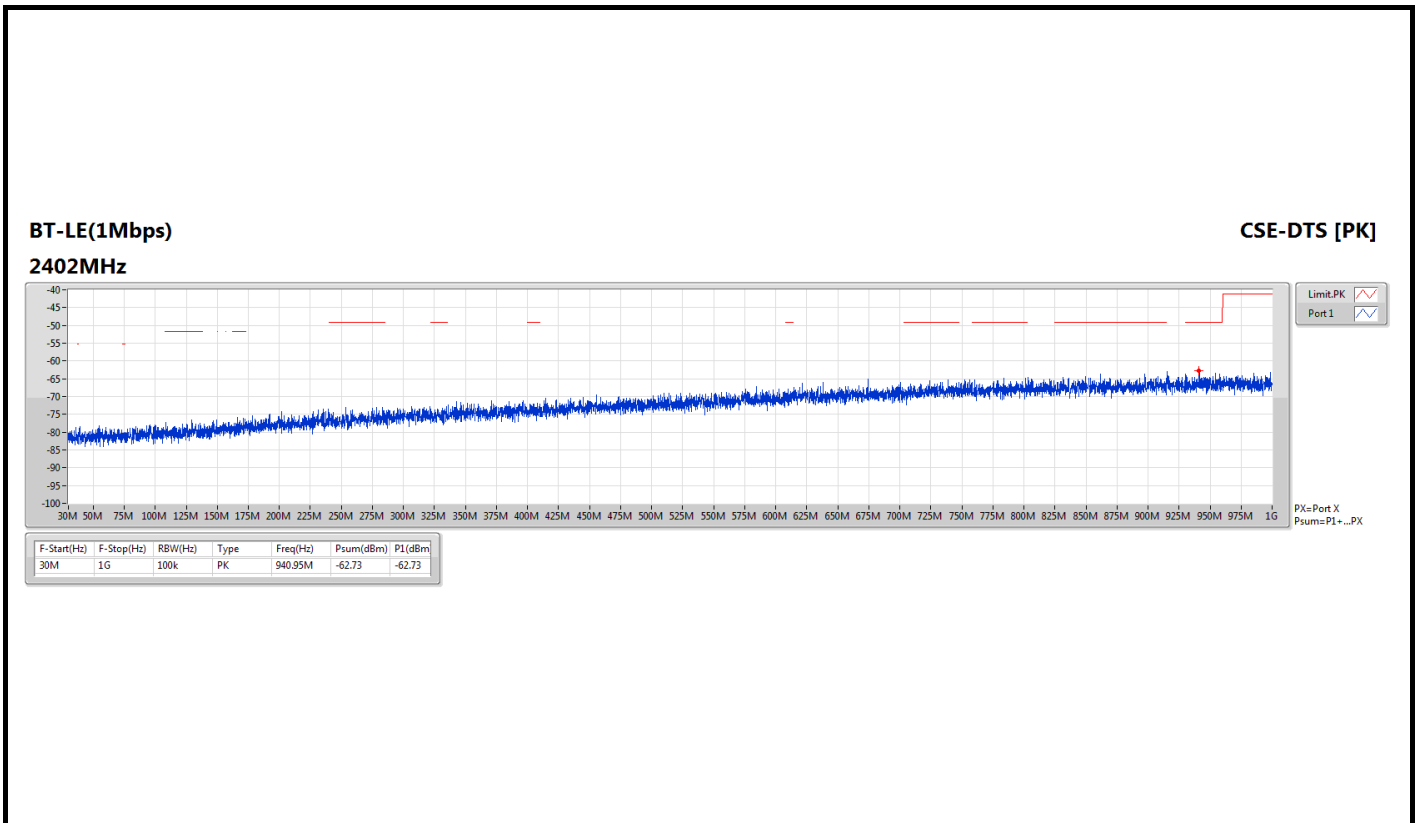
| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | DG (dBi) | Psum (dBm) | GRF (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|--------------------------|--------|--------------|-------------|------|-----------|----------|------------|----------|------------|-------------|-------------|
| 2.4-2.4835GHz | - | - | - | - | - | - | - | - | - | - | - |
| BT-LE(Symbol rate 1Mbps) | Pass | 30M | 1G | PK | 940.95M | 2.00 | -62.73 | 4.7 | -56.03 | -49.20 | -6.83 |

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | DG (dBi) | Psum (dBm) | GRF (dB) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|--------------------------|--------|--------------|-------------|------|-----------|----------|------------|----------|------------|-------------|-------------|
| BT-LE(Symbol rate 1Mbps) | - | - | - | - | - | - | - | - | - | - | - |
| 2402MHz | Pass | 30M | 1G | PK | 940.95M | 2.00 | -62.73 | 4.7 | -56.03 | -49.20 | -6.83 |

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX





3) Configuration 3: Laird part number: 453-00148, 20dBm, RF Trace Pad (External antenna)

Transmitter Conducted Unwanted Emissions (1GHz ~ 3.1GHz)

Summary

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | DG (dBi) | Psum (dBm) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|----------------------------|--------|--------------|-------------|------|-----------|----------|------------|------------|-------------|-------------|
| 2.4-2.4835GHz | - | - | - | - | - | - | - | - | - | - |
| BT-LE(Coding rate125kbps) | Pass | 2.4835G | 2.5G | AV | 2.48359G | 2.00 | -48.08 | -46.08 | -41.20 | -4.88 |
| BT-LE(Coding rate 500kbps) | Pass | 2.4835G | 2.5G | AV | 2.48352G | 2.00 | -44.21 | -42.21 | -41.20 | -1.01 |
| BT-LE(Symbol rate 1Mbps) | Pass | 2.4835G | 2.5G | AV | 2.4835G | 2.00 | -44.28 | -42.28 | -41.20 | -1.08 |
| BT-LE(Symbol rate 2Mbps) | Pass | 2.4835G | 2.5G | AV | 2.48352G | 2.00 | -44.32 | -42.32 | -41.20 | -1.12 |

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



Result

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | DG (dBi) | Psum (dBm) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|----------------------------|--------|--------------|-------------|------|-----------|----------|------------|------------|-------------|-------------|
| BT-LE(Coding rate 125kbps) | | | | | | | | | | |
| 2402MHz | Pass | 1G | 2.31G | AV | 2.1695G | 2.00 | -64.04 | -62.04 | -41.20 | -20.84 |
| 2402MHz | Pass | 2.31G | 2.39G | AV | 2.39G | 2.00 | -61.16 | -59.16 | -41.20 | -17.96 |
| 2402MHz | Pass | 2.4835G | 2.5G | AV | 2.48624G | 2.00 | -63.51 | -61.51 | -41.20 | -20.31 |
| 2402MHz | Pass | 2.5G | 3.1G | AV | 2.8234G | 2.00 | -62.83 | -60.83 | -41.20 | -19.63 |
| 2402MHz | Pass | 1G | 2.31G | PK | 2.28642G | 2.00 | -52.87 | -50.87 | -21.20 | -29.67 |
| 2402MHz | Pass | 2.31G | 2.39G | PK | 2.3892G | 2.00 | -49.75 | -47.75 | -21.20 | -26.55 |
| 2402MHz | Pass | 2.4835G | 2.5G | PK | 2.49915G | 2.00 | -51.11 | -49.11 | -21.20 | -27.91 |
| 2402MHz | Pass | 2.5G | 3.1G | PK | 2.8399G | 2.00 | -51.22 | -49.22 | -21.20 | -28.02 |
| 2440MHz | Pass | 1G | 2.31G | AV | 2.14379G | 2.00 | -63.87 | -61.87 | -41.20 | -20.67 |
| 2440MHz | Pass | 2.31G | 2.39G | AV | 2.3326G | 2.00 | -63.91 | -61.91 | -41.20 | -20.71 |
| 2440MHz | Pass | 2.4835G | 2.5G | AV | 2.48453G | 2.00 | -63.31 | -61.31 | -41.20 | -20.11 |
| 2440MHz | Pass | 2.5G | 3.1G | AV | 2.84515G | 2.00 | -62.68 | -60.68 | -41.20 | -19.48 |
| 2440MHz | Pass | 1G | 2.31G | PK | 2.14298G | 2.00 | -53.34 | -51.34 | -21.20 | -30.14 |
| 2440MHz | Pass | 2.31G | 2.39G | PK | 2.38936G | 2.00 | -52.23 | -50.23 | -21.20 | -29.03 |
| 2440MHz | Pass | 2.4835G | 2.5G | PK | 2.4854G | 2.00 | -51.24 | -49.24 | -21.20 | -28.04 |
| 2440MHz | Pass | 2.5G | 3.1G | PK | 2.7898G | 2.00 | -51.85 | -49.85 | -21.20 | -28.65 |
| 2478MHz | Pass | 1G | 2.31G | AV | 2.13823G | 2.00 | -62.98 | -60.98 | -41.20 | -19.78 |
| 2478MHz | Pass | 2.31G | 2.39G | AV | 2.31944G | 2.00 | -63.26 | -61.26 | -41.20 | -20.06 |
| 2478MHz | Pass | 2.4835G | 2.5G | AV | 2.48352G | 2.00 | -51.19 | -49.19 | -41.20 | -7.99 |
| 2478MHz | Pass | 2.5G | 3.1G | AV | 2.8132G | 2.00 | -62.20 | -60.20 | -41.20 | -19.00 |
| 2478MHz | Pass | 1G | 2.31G | PK | 2.12136G | 2.00 | -52.22 | -50.22 | -21.20 | -29.02 |
| 2478MHz | Pass | 2.31G | 2.39G | PK | 2.31148G | 2.00 | -51.44 | -49.44 | -21.20 | -28.24 |
| 2478MHz | Pass | 2.4835G | 2.5G | PK | 2.48389G | 2.00 | -39.20 | -37.20 | -21.20 | -16.00 |
| 2478MHz | Pass | 2.5G | 3.1G | PK | 2.8084G | 2.00 | -50.61 | -48.61 | -21.20 | -27.41 |
| 2480MHz | Pass | 1G | 2.31G | AV | 2.29297G | 2.00 | -64.17 | -62.17 | -41.20 | -20.97 |
| 2480MHz | Pass | 2.31G | 2.39G | AV | 2.3582G | 2.00 | -64.06 | -62.06 | -41.20 | -20.86 |
| 2480MHz | Pass | 2.4835G | 2.5G | AV | 2.48359G | 2.00 | -48.08 | -46.08 | -41.20 | -4.88 |
| 2480MHz | Pass | 2.5G | 3.1G | AV | 2.82835G | 2.00 | -62.83 | -60.83 | -41.20 | -19.63 |
| 2480MHz | Pass | 1G | 2.31G | PK | 2.16721G | 2.00 | -53.50 | -51.50 | -21.20 | -30.30 |
| 2480MHz | Pass | 2.31G | 2.39G | PK | 2.3184G | 2.00 | -52.23 | -50.23 | -21.20 | -29.03 |
| 2480MHz | Pass | 2.4835G | 2.5G | PK | 2.48362G | 2.00 | -35.90 | -33.90 | -21.20 | -12.70 |
| 2480MHz | Pass | 2.5G | 3.1G | PK | 2.5042G | 2.00 | -50.49 | -48.49 | -21.20 | -27.29 |
| BT-LE(Coding rate 500kbps) | | | | | | | | | | |
| 2402MHz | Pass | 1G | 2.31G | AV | 1.52728G | 2.00 | -59.50 | -57.50 | -41.20 | -16.30 |
| 2402MHz | Pass | 2.31G | 2.39G | AV | 2.39G | 2.00 | -53.65 | -51.65 | -41.20 | -10.45 |
| 2402MHz | Pass | 2.4835G | 2.5G | AV | 2.48417G | 2.00 | -61.47 | -59.47 | -41.20 | -18.27 |
| 2402MHz | Pass | 2.5G | 3.1G | AV | 2.8981G | 2.00 | -60.91 | -58.91 | -41.20 | -17.71 |
| 2402MHz | Pass | 1G | 2.31G | PK | 1.97137G | 2.00 | -49.16 | -47.16 | -21.20 | -25.96 |
| 2402MHz | Pass | 2.31G | 2.39G | PK | 2.38916G | 2.00 | -43.84 | -41.84 | -21.20 | -20.64 |
| 2402MHz | Pass | 2.4835G | 2.5G | PK | 2.48672G | 2.00 | -49.87 | -47.87 | -21.20 | -26.67 |



| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | DG (dBi) | Psum (dBm) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|--------------------------|--------|--------------|-------------|------|-----------|----------|------------|------------|-------------|-------------|
| 2402MHz | Pass | 2.5G | 3.1G | PK | 2.7835G | 2.00 | -49.55 | -47.55 | -21.20 | -26.35 |
| 2440MHz | Pass | 1G | 2.31G | AV | 1.58393G | 2.00 | -60.10 | -58.10 | -41.20 | -16.90 |
| 2440MHz | Pass | 2.31G | 2.39G | AV | 2.38968G | 2.00 | -61.63 | -59.63 | -41.20 | -18.43 |
| 2440MHz | Pass | 2.4835G | 2.5G | AV | 2.48401G | 2.00 | -60.77 | -58.77 | -41.20 | -17.57 |
| 2440MHz | Pass | 2.5G | 3.1G | AV | 2.824G | 2.00 | -61.36 | -59.36 | -41.20 | -18.16 |
| 2440MHz | Pass | 1G | 2.31G | PK | 1.19388G | 2.00 | -49.12 | -47.12 | -21.20 | -25.92 |
| 2440MHz | Pass | 2.31G | 2.39G | PK | 2.36992G | 2.00 | -50.11 | -48.11 | -21.20 | -26.91 |
| 2440MHz | Pass | 2.4835G | 2.5G | PK | 2.48775G | 2.00 | -49.02 | -47.02 | -21.20 | -25.82 |
| 2440MHz | Pass | 2.5G | 3.1G | PK | 2.5162G | 2.00 | -49.86 | -47.86 | -21.20 | -26.66 |
| 2478MHz | Pass | 1G | 2.31G | AV | 1.8122G | 2.00 | -61.57 | -59.57 | -41.20 | -18.37 |
| 2478MHz | Pass | 2.31G | 2.39G | AV | 2.31588G | 2.00 | -62.12 | -60.12 | -41.20 | -18.92 |
| 2478MHz | Pass | 2.4835G | 2.5G | AV | 2.48355G | 2.00 | -44.64 | -42.64 | -41.20 | -1.44 |
| 2478MHz | Pass | 2.5G | 3.1G | AV | 2.5006G | 2.00 | -59.57 | -57.57 | -41.20 | -16.37 |
| 2478MHz | Pass | 1G | 2.31G | PK | 1.7788G | 2.00 | -49.48 | -47.48 | -21.20 | -26.28 |
| 2478MHz | Pass | 2.31G | 2.39G | PK | 2.32192G | 2.00 | -48.58 | -46.58 | -21.20 | -25.38 |
| 2478MHz | Pass | 2.4835G | 2.5G | PK | 2.48358G | 2.00 | -32.76 | -30.76 | -21.20 | -9.56 |
| 2478MHz | Pass | 2.5G | 3.1G | PK | 2.5057G | 2.00 | -49.42 | -47.42 | -21.20 | -26.22 |
| 2480MHz | Pass | 1G | 2.31G | AV | 2.12431G | 2.00 | -62.07 | -60.07 | -41.20 | -18.87 |
| 2480MHz | Pass | 2.31G | 2.39G | AV | 2.31372G | 2.00 | -62.47 | -60.47 | -41.20 | -19.27 |
| 2480MHz | Pass | 2.4835G | 2.5G | AV | 2.48352G | 2.00 | -44.21 | -42.21 | -41.20 | -1.01 |
| 2480MHz | Pass | 2.5G | 3.1G | AV | 2.5003G | 2.00 | -60.61 | -58.61 | -41.20 | -17.41 |
| 2480MHz | Pass | 1G | 2.31G | PK | 2.11088G | 2.00 | -51.37 | -49.37 | -21.20 | -28.17 |
| 2480MHz | Pass | 2.31G | 2.39G | PK | 2.32444G | 2.00 | -51.17 | -49.17 | -21.20 | -27.97 |
| 2480MHz | Pass | 2.4835G | 2.5G | PK | 2.48358G | 2.00 | -28.62 | -26.62 | -21.20 | -5.42 |
| 2480MHz | Pass | 2.5G | 3.1G | PK | 2.5033G | 2.00 | -49.92 | -47.92 | -21.20 | -26.72 |
| BT-LE(Symbol rate 1Mbps) | | | | | | | | | | |
| 2402MHz | Pass | 1G | 2.31G | AV | 1.5037G | 2.00 | -59.48 | -57.48 | -41.20 | -16.28 |
| 2402MHz | Pass | 2.31G | 2.39G | AV | 2.3898G | 2.00 | -53.45 | -51.45 | -41.20 | -10.25 |
| 2402MHz | Pass | 2.4835G | 2.5G | AV | 2.49851G | 2.00 | -61.60 | -59.60 | -41.20 | -18.40 |
| 2402MHz | Pass | 2.5G | 3.1G | AV | 2.82475G | 2.00 | -60.69 | -58.69 | -41.20 | -17.49 |
| 2402MHz | Pass | 1G | 2.31G | PK | 1.75129G | 2.00 | -48.91 | -46.91 | -21.20 | -25.71 |
| 2402MHz | Pass | 2.31G | 2.39G | PK | 2.38836G | 2.00 | -42.30 | -40.30 | -21.20 | -19.10 |
| 2402MHz | Pass | 2.4835G | 2.5G | PK | 2.49064G | 2.00 | -49.58 | -47.58 | -21.20 | -26.38 |
| 2402MHz | Pass | 2.5G | 3.1G | PK | 2.7532G | 2.00 | -49.83 | -47.83 | -21.20 | -26.63 |
| 2440MHz | Pass | 1G | 2.31G | AV | 1.53841G | 2.00 | -59.53 | -57.53 | -41.20 | -16.33 |
| 2440MHz | Pass | 2.31G | 2.39G | AV | 2.38624G | 2.00 | -61.48 | -59.48 | -41.20 | -18.28 |
| 2440MHz | Pass | 2.4835G | 2.5G | AV | 2.48866G | 2.00 | -60.74 | -58.74 | -41.20 | -17.54 |
| 2440MHz | Pass | 2.5G | 3.1G | AV | 2.82295G | 2.00 | -61.36 | -59.36 | -41.20 | -18.16 |
| 2440MHz | Pass | 1G | 2.31G | PK | 1.58885G | 2.00 | -48.38 | -46.38 | -21.20 | -25.18 |
| 2440MHz | Pass | 2.31G | 2.39G | PK | 2.323G | 2.00 | -49.54 | -47.54 | -21.20 | -26.34 |
| 2440MHz | Pass | 2.4835G | 2.5G | PK | 2.49G | 2.00 | -47.73 | -45.73 | -21.20 | -24.53 |
| 2440MHz | Pass | 2.5G | 3.1G | PK | 2.8789G | 2.00 | -49.84 | -47.84 | -21.20 | -26.64 |



| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | DG (dBi) | Psum (dBm) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|--------------------------|--------|--------------|-------------|------|-----------|----------|------------|------------|-------------|-------------|
| 2478MHz | Pass | 1G | 2.31G | AV | 1.77781G | 2.00 | -61.53 | -59.53 | -41.20 | -18.33 |
| 2478MHz | Pass | 2.31G | 2.39G | AV | 2.31176G | 2.00 | -62.09 | -60.09 | -41.20 | -18.89 |
| 2478MHz | Pass | 2.4835G | 2.5G | AV | 2.48352G | 2.00 | -44.76 | -42.76 | -41.20 | -1.56 |
| 2478MHz | Pass | 2.5G | 3.1G | AV | 2.5009G | 2.00 | -59.71 | -57.71 | -41.20 | -16.51 |
| 2478MHz | Pass | 1G | 2.31G | PK | 1.47029G | 2.00 | -50.34 | -48.34 | -21.20 | -27.14 |
| 2478MHz | Pass | 2.31G | 2.39G | PK | 2.32204G | 2.00 | -49.37 | -47.37 | -21.20 | -26.17 |
| 2478MHz | Pass | 2.4835G | 2.5G | PK | 2.48372G | 2.00 | -30.34 | -28.34 | -21.20 | -7.14 |
| 2478MHz | Pass | 2.5G | 3.1G | PK | 2.5003G | 2.00 | -48.64 | -46.64 | -21.20 | -25.44 |
| 2480MHz | Pass | 1G | 2.31G | AV | 2.13741G | 2.00 | -62.41 | -60.41 | -41.20 | -19.21 |
| 2480MHz | Pass | 2.31G | 2.39G | AV | 2.33584G | 2.00 | -62.78 | -60.78 | -41.20 | -19.58 |
| 2480MHz | Pass | 2.4835G | 2.5G | AV | 2.4835G | 2.00 | -44.28 | -42.28 | -41.20 | -1.08 |
| 2480MHz | Pass | 2.5G | 3.1G | AV | 2.5003G | 2.00 | -60.77 | -58.77 | -41.20 | -17.57 |
| 2480MHz | Pass | 1G | 2.31G | PK | 2.12726G | 2.00 | -51.88 | -49.88 | -21.20 | -28.68 |
| 2480MHz | Pass | 2.31G | 2.39G | PK | 2.3126G | 2.00 | -51.46 | -49.46 | -21.20 | -28.26 |
| 2480MHz | Pass | 2.4835G | 2.5G | PK | 2.48366G | 2.00 | -28.51 | -26.51 | -21.20 | -5.31 |
| 2480MHz | Pass | 2.5G | 3.1G | PK | 2.8825G | 2.00 | -50.37 | -48.37 | -21.20 | -27.17 |
| BT-LE(Symbol rate 2Mbps) | | | | | | | | | | |
| 2404MHz | Pass | 1G | 2.31G | AV | 1.60915G | 2.00 | -60.26 | -58.26 | -41.20 | -17.06 |
| 2404MHz | Pass | 2.31G | 2.39G | AV | 2.36564G | 2.00 | -54.09 | -52.09 | -41.20 | -10.89 |
| 2404MHz | Pass | 2.4835G | 2.5G | AV | 2.49915G | 2.00 | -61.60 | -59.60 | -41.20 | -18.40 |
| 2404MHz | Pass | 2.5G | 3.1G | AV | 2.86255G | 2.00 | -61.11 | -59.11 | -41.20 | -17.91 |
| 2404MHz | Pass | 1G | 2.31G | PK | 1.61963G | 2.00 | -49.38 | -47.38 | -21.20 | -26.18 |
| 2404MHz | Pass | 2.31G | 2.39G | PK | 2.38988G | 2.00 | -43.73 | -41.73 | -21.20 | -20.53 |
| 2404MHz | Pass | 2.4835G | 2.5G | PK | 2.48577G | 2.00 | -49.68 | -47.68 | -21.20 | -26.48 |
| 2404MHz | Pass | 2.5G | 3.1G | PK | 2.5603G | 2.00 | -49.09 | -47.09 | -21.20 | -25.89 |
| 2440MHz | Pass | 1G | 2.31G | AV | 1.46063G | 2.00 | -60.08 | -58.08 | -41.20 | -16.88 |
| 2440MHz | Pass | 2.31G | 2.39G | AV | 2.38952G | 2.00 | -61.79 | -59.79 | -41.20 | -18.59 |
| 2440MHz | Pass | 2.4835G | 2.5G | AV | 2.48619G | 2.00 | -60.91 | -58.91 | -41.20 | -17.71 |
| 2440MHz | Pass | 2.5G | 3.1G | AV | 2.88325G | 2.00 | -61.48 | -59.48 | -41.20 | -18.28 |
| 2440MHz | Pass | 1G | 2.31G | PK | 1.57902G | 2.00 | -48.84 | -46.84 | -21.20 | -25.64 |
| 2440MHz | Pass | 2.31G | 2.39G | PK | 2.34204G | 2.00 | -49.97 | -47.97 | -21.20 | -26.77 |
| 2440MHz | Pass | 2.4835G | 2.5G | PK | 2.48386G | 2.00 | -48.96 | -46.96 | -21.20 | -25.76 |
| 2440MHz | Pass | 2.5G | 3.1G | PK | 2.7094G | 2.00 | -49.55 | -47.55 | -21.20 | -26.35 |
| 2478MHz | Pass | 1G | 2.31G | AV | 2.14412G | 2.00 | -62.26 | -60.26 | -41.20 | -19.06 |
| 2478MHz | Pass | 2.31G | 2.39G | AV | 2.31344G | 2.00 | -62.66 | -60.66 | -41.20 | -19.46 |
| 2478MHz | Pass | 2.4835G | 2.5G | AV | 2.48352G | 2.00 | -44.32 | -42.32 | -41.20 | -1.12 |
| 2478MHz | Pass | 2.5G | 3.1G | AV | 2.5174G | 2.00 | -58.86 | -56.86 | -41.20 | -15.66 |
| 2478MHz | Pass | 1G | 2.31G | PK | 2.14036G | 2.00 | -50.28 | -48.28 | -21.20 | -27.08 |
| 2478MHz | Pass | 2.31G | 2.39G | PK | 2.36848G | 2.00 | -51.33 | -49.33 | -21.20 | -28.13 |
| 2478MHz | Pass | 2.4835G | 2.5G | PK | 2.48373G | 2.00 | -32.37 | -30.37 | -21.20 | -9.17 |
| 2478MHz | Pass | 2.5G | 3.1G | PK | 2.5171G | 2.00 | -48.60 | -46.60 | -21.20 | -25.40 |

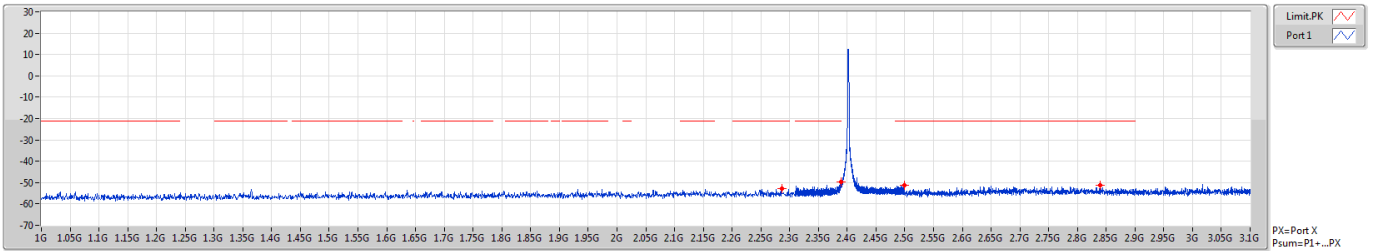
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



BT-LE(125kbps)

CSE-DTS [PK]

2402MHz

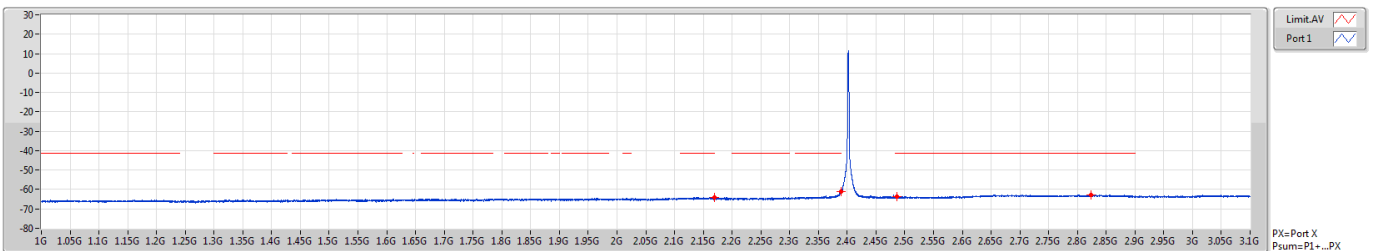


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1G | 2.31G | 1M | PK | 2.28642G | -52.87 | -52.87 |
| 2.31G | 2.39G | 1M | PK | 2.3892G | -49.75 | -49.75 |
| 2.4835G | 2.5G | 1M | PK | 2.49915G | -51.11 | -51.11 |
| 2.5G | 3.1G | 1M | PK | 2.8399G | -51.22 | -51.22 |

BT-LE(125kbps)

CSE-DTS [AV]

2402MHz



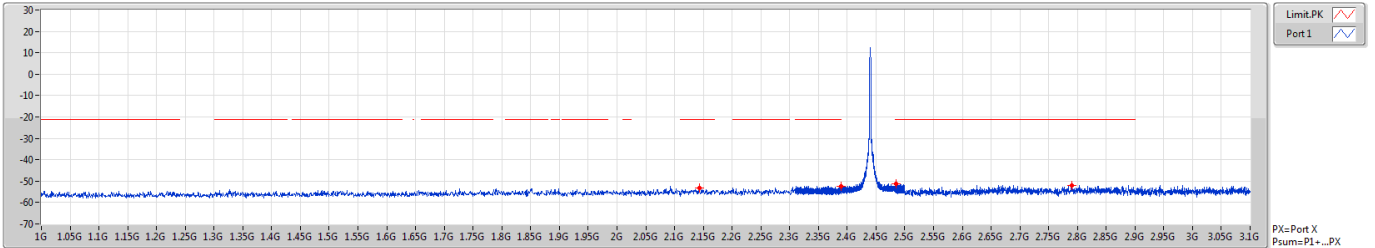
| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1G | 2.31G | 1M | AV | 2.1695G | -64.04 | -64.04 |
| 2.31G | 2.39G | 1M | AV | 2.39G | -61.16 | -61.16 |
| 2.4835G | 2.5G | 1M | AV | 2.48624G | -63.51 | -63.51 |
| 2.5G | 3.1G | 1M | AV | 2.8234G | -62.83 | -62.83 |



BT-LE(125kbps)

CSE-DTS [PK]

2440MHz

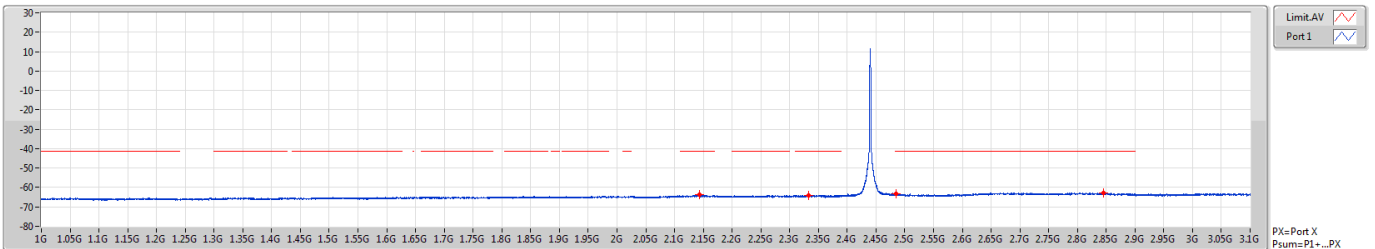


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1G | 2.31G | 1M | PK | 2.14298G | -53.34 | -53.34 |
| 2.31G | 2.39G | 1M | PK | 2.38936G | -52.23 | -52.23 |
| 2.4835G | 2.5G | 1M | PK | 2.4854G | -51.24 | -51.24 |
| 2.5G | 3.1G | 1M | PK | 2.7898G | -51.85 | -51.85 |

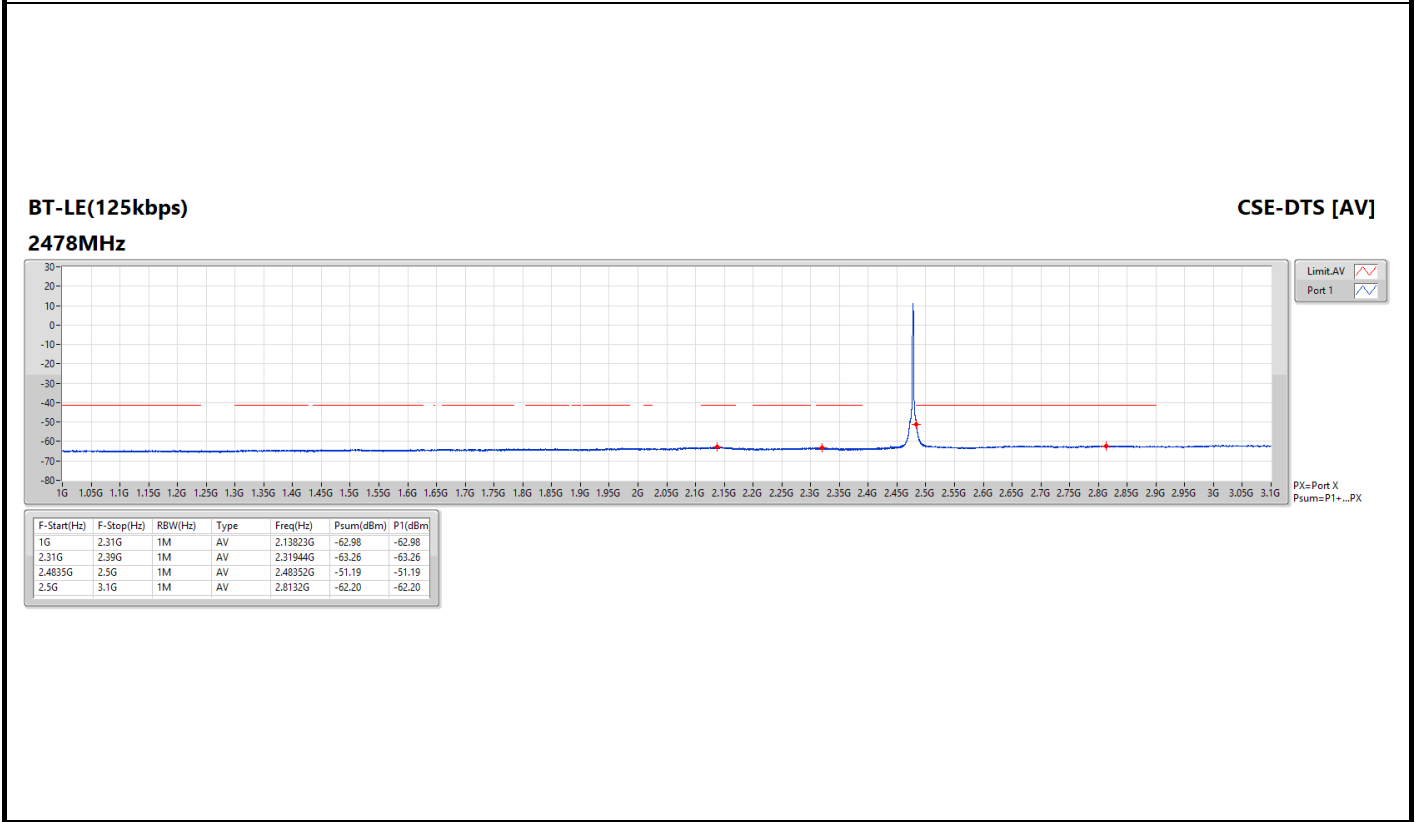
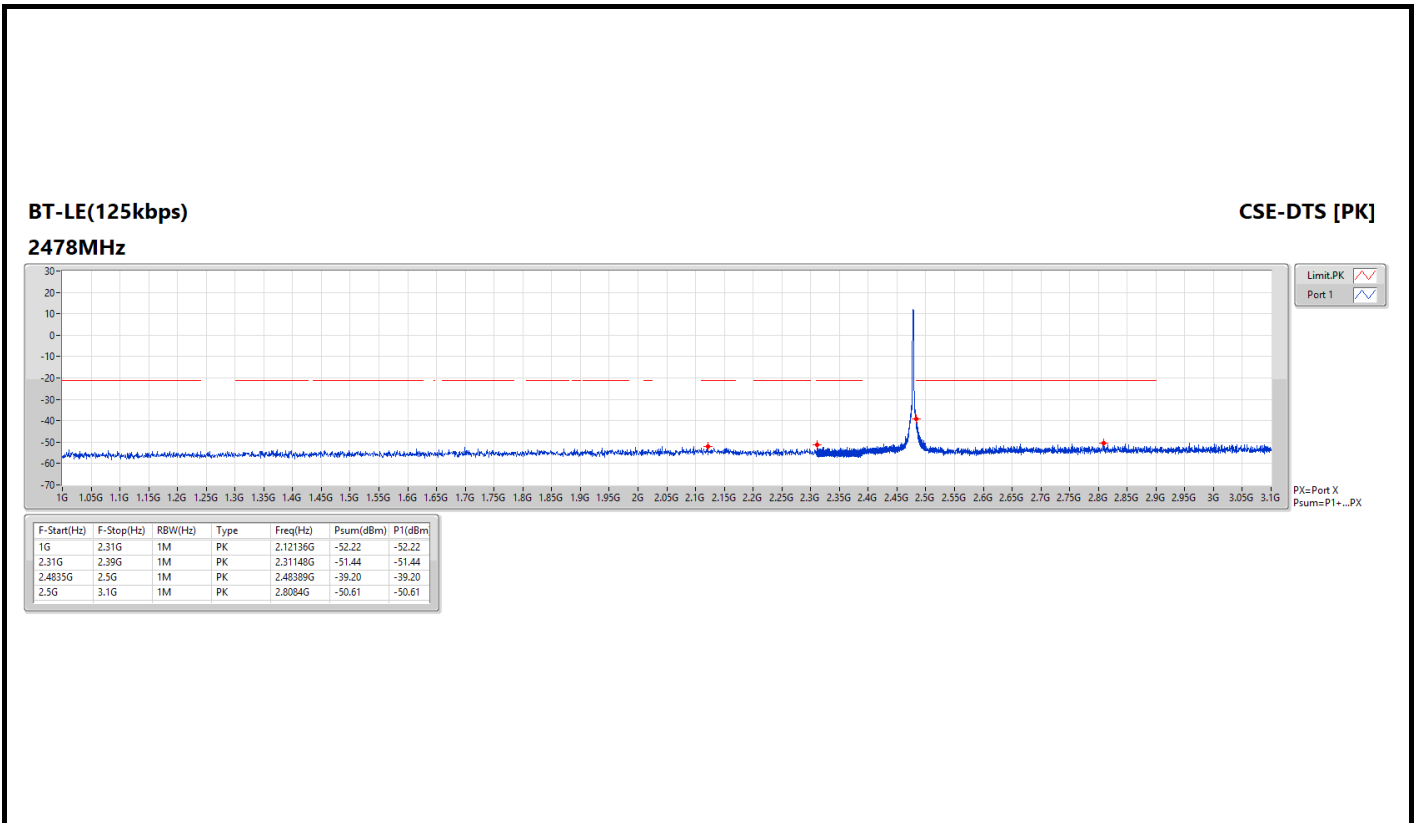
BT-LE(125kbps)

CSE-DTS [AV]

2440MHz



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1G | 2.31G | 1M | AV | 2.14379G | -63.87 | -63.87 |
| 2.31G | 2.39G | 1M | AV | 2.3326G | -63.91 | -63.91 |
| 2.4835G | 2.5G | 1M | AV | 2.48453G | -63.31 | -63.31 |
| 2.5G | 3.1G | 1M | AV | 2.84515G | -62.68 | -62.68 |

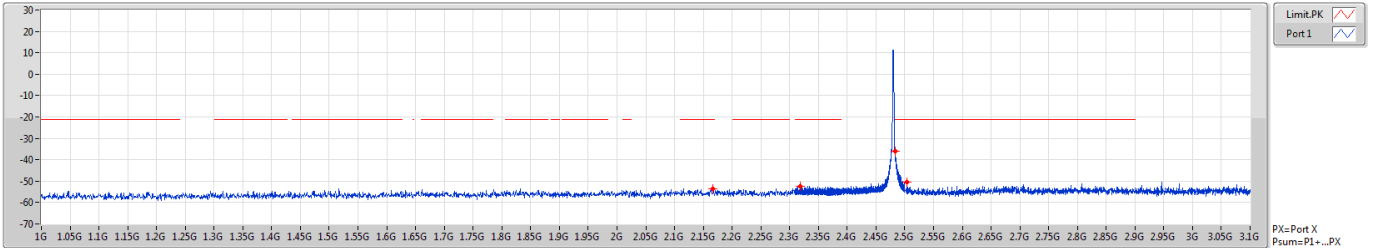




BT-LE(125kbps)

CSE-DTS [PK]

2480MHz

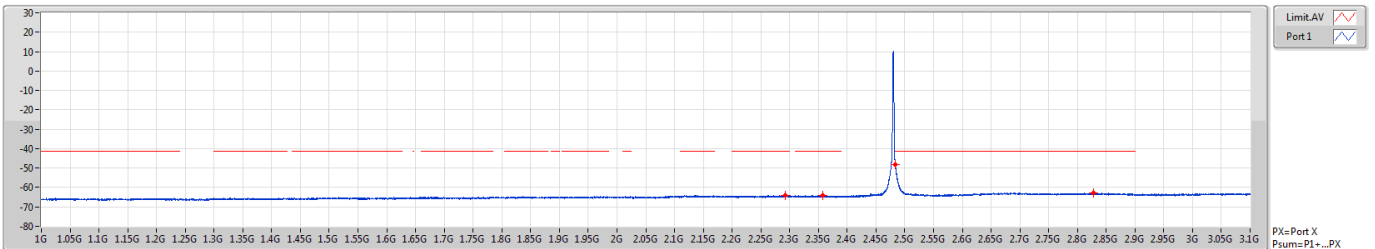


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1G | 2.31G | 1M | PK | 2.16721G | -53.50 | -53.50 |
| 2.31G | 2.39G | 1M | PK | 2.3184G | -52.23 | -52.23 |
| 2.4835G | 2.5G | 1M | PK | 2.48362G | -35.90 | -35.90 |
| 2.5G | 3.1G | 1M | PK | 2.5042G | -50.49 | -50.49 |

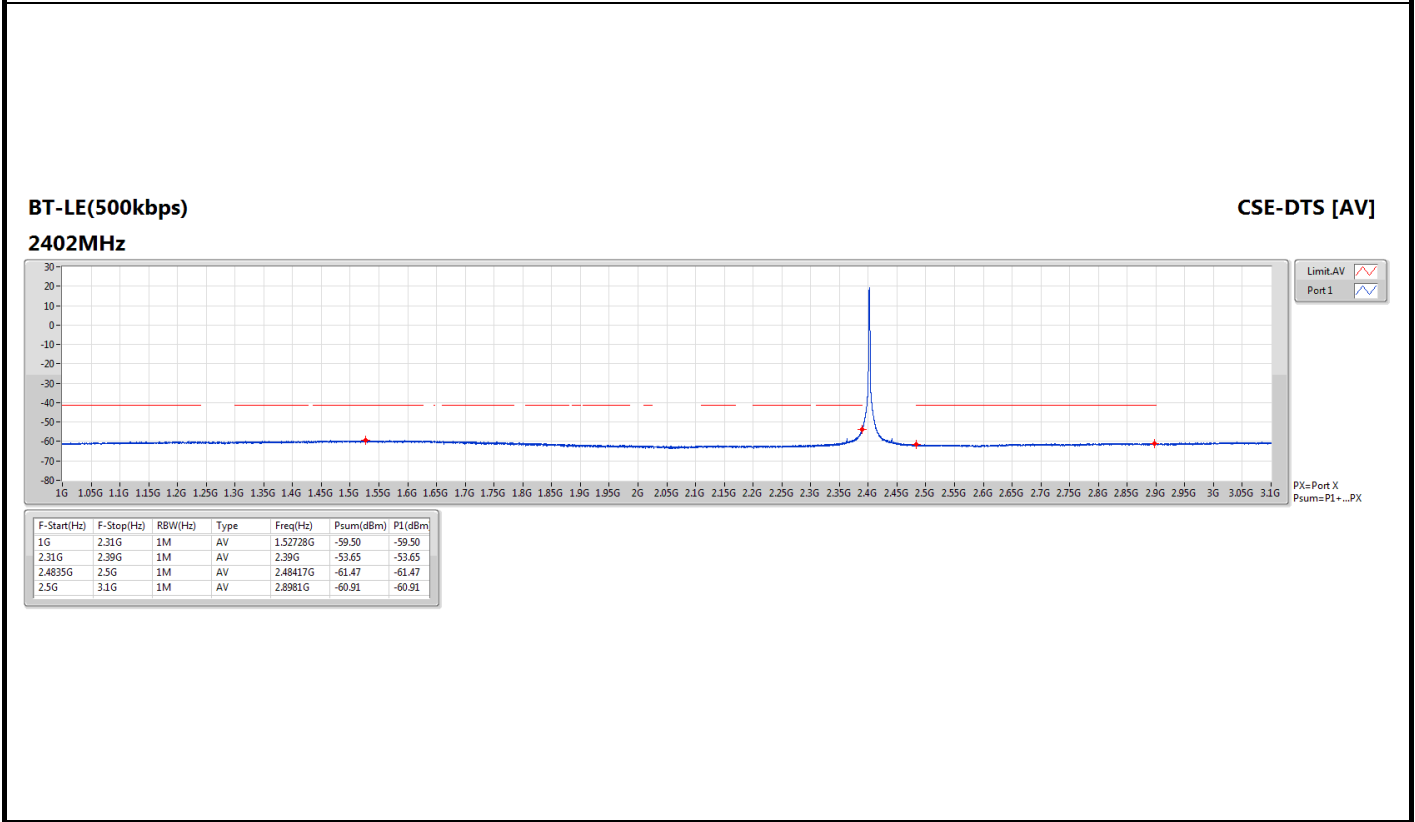
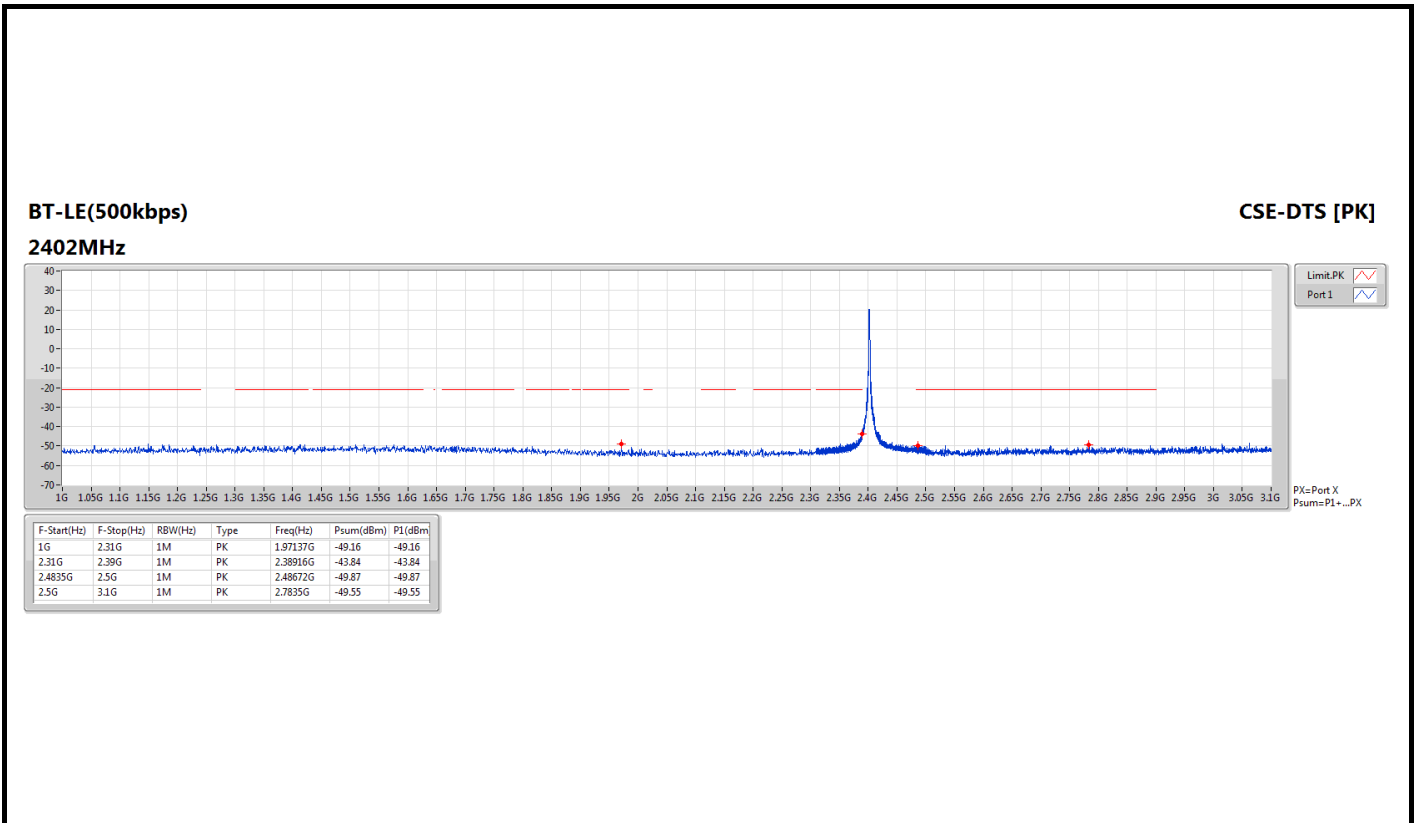
BT-LE(125kbps)

CSE-DTS [AV]

2480MHz



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1G | 2.31G | 1M | AV | 2.29297G | -64.17 | -64.17 |
| 2.31G | 2.39G | 1M | AV | 2.3582G | -64.06 | -64.06 |
| 2.4835G | 2.5G | 1M | AV | 2.48359G | -48.08 | -48.08 |
| 2.5G | 3.1G | 1M | AV | 2.82835G | -62.83 | -62.83 |

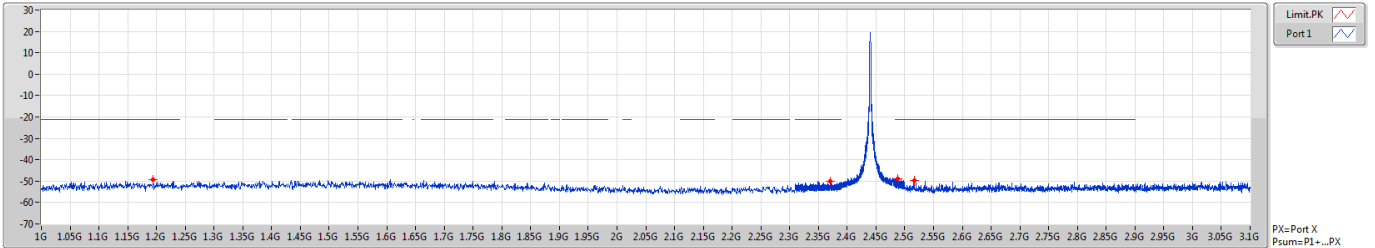




BT-LE(500kbps)

CSE-DTS [PK]

2440MHz

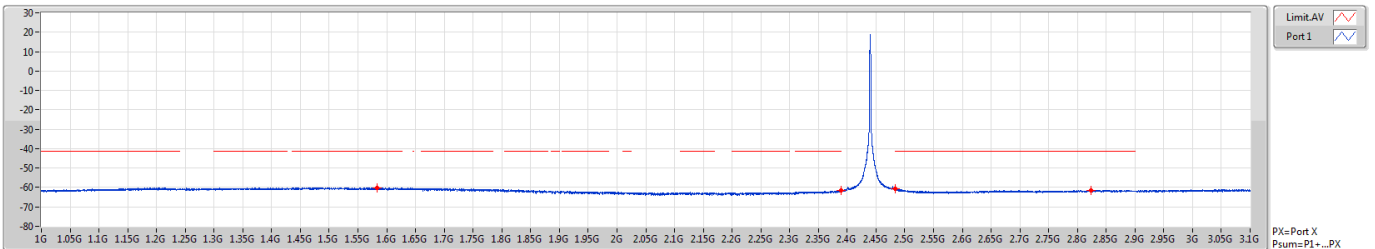


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1G | 2.31G | 1M | PK | 1.19388G | -49.12 | -49.12 |
| 2.31G | 2.39G | 1M | PK | 2.36992G | -50.11 | -50.11 |
| 2.4835G | 2.5G | 1M | PK | 2.48775G | -49.02 | -49.02 |
| 2.5G | 3.1G | 1M | PK | 2.5162G | -49.86 | -49.86 |

BT-LE(500kbps)

CSE-DTS [AV]

2440MHz



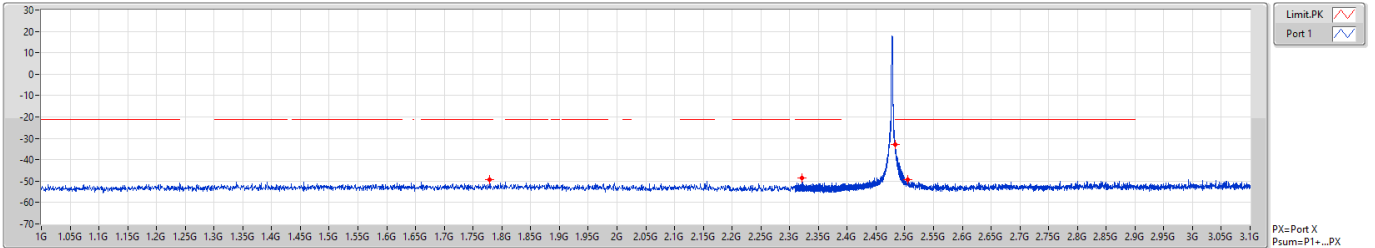
| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1G | 2.31G | 1M | AV | 1.58393G | -60.10 | -60.10 |
| 2.31G | 2.39G | 1M | AV | 2.38968G | -61.63 | -61.63 |
| 2.4835G | 2.5G | 1M | AV | 2.48401G | -60.77 | -60.77 |
| 2.5G | 3.1G | 1M | AV | 2.824G | -61.36 | -61.36 |



BT-LE(500kbps)

CSE-DTS [PK]

2478MHz

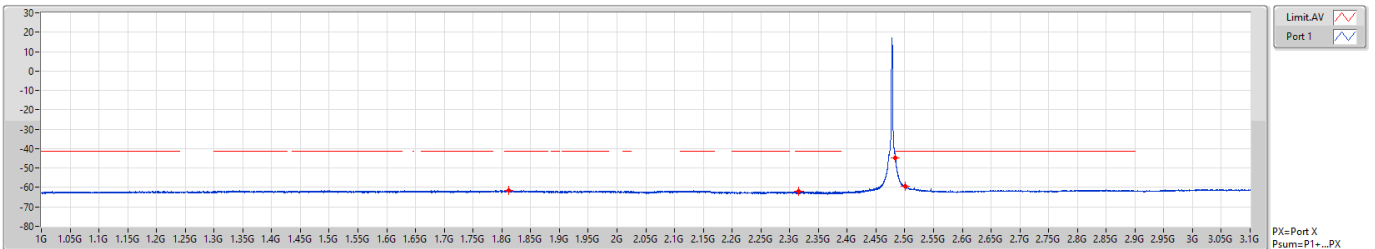


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1G | 2.31G | 1M | PK | 1.7788G | -49.48 | -49.48 |
| 2.31G | 2.39G | 1M | PK | 2.32192G | -48.58 | -48.58 |
| 2.4835G | 2.5G | 1M | PK | 2.48358G | -32.76 | -32.76 |
| 2.5G | 3.1G | 1M | PK | 2.5057G | -49.42 | -49.42 |

BT-LE(500kbps)

CSE-DTS [AV]

2478MHz



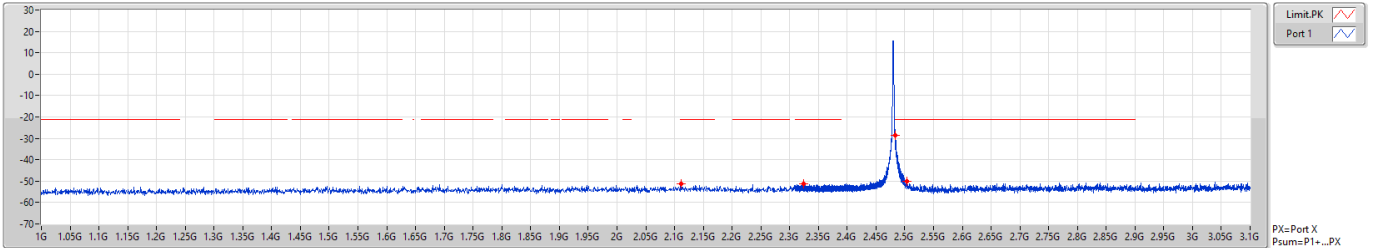
| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1G | 2.31G | 1M | AV | 1.8122G | -61.57 | -61.57 |
| 2.31G | 2.39G | 1M | AV | 2.31588G | -62.12 | -62.12 |
| 2.4835G | 2.5G | 1M | AV | 2.48355G | -44.64 | -44.64 |
| 2.5G | 3.1G | 1M | AV | 2.5006G | -59.57 | -59.57 |



BT-LE(500kbps)

CSE-DTS [PK]

2480MHz

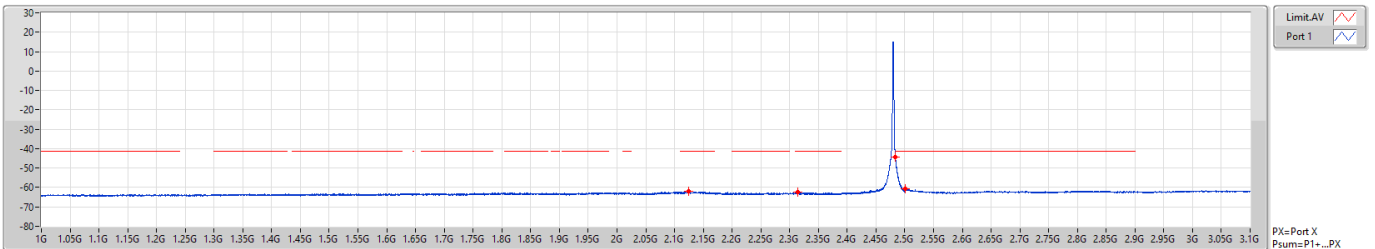


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1G | 2.31G | 1M | PK | 2.11088G | -51.37 | -51.37 |
| 2.31G | 2.39G | 1M | PK | 2.32444G | -51.17 | -51.17 |
| 2.4835G | 2.5G | 1M | PK | 2.48398G | -28.62 | -28.62 |
| 2.5G | 3.1G | 1M | PK | 2.5033G | -49.92 | -49.92 |

BT-LE(500kbps)

CSE-DTS [AV]

2480MHz



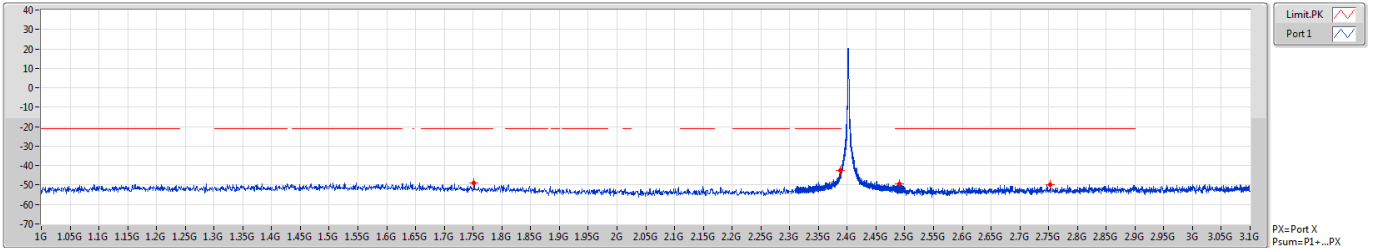
| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1G | 2.31G | 1M | AV | 2.12431G | -62.07 | -62.07 |
| 2.31G | 2.39G | 1M | AV | 2.31372G | -62.47 | -62.47 |
| 2.4835G | 2.5G | 1M | AV | 2.48352G | -44.21 | -44.21 |
| 2.5G | 3.1G | 1M | AV | 2.5003G | -60.61 | -60.61 |



BT-LE(1Mbps)

CSE-DTS [PK]

2402MHz

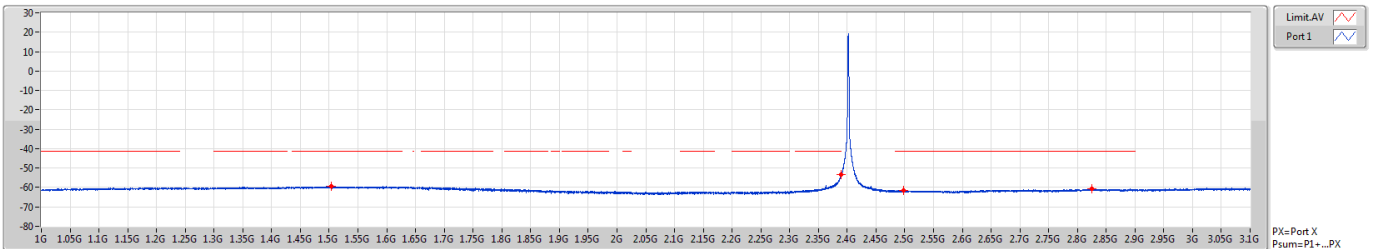


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1G | 2.31G | 1M | PK | 1.75129G | -48.91 | -48.91 |
| 2.31G | 2.39G | 1M | PK | 2.38836G | -42.30 | -42.30 |
| 2.4835G | 2.5G | 1M | PK | 2.49064G | -49.58 | -49.58 |
| 2.5G | 3.1G | 1M | PK | 2.7532G | -49.83 | -49.83 |

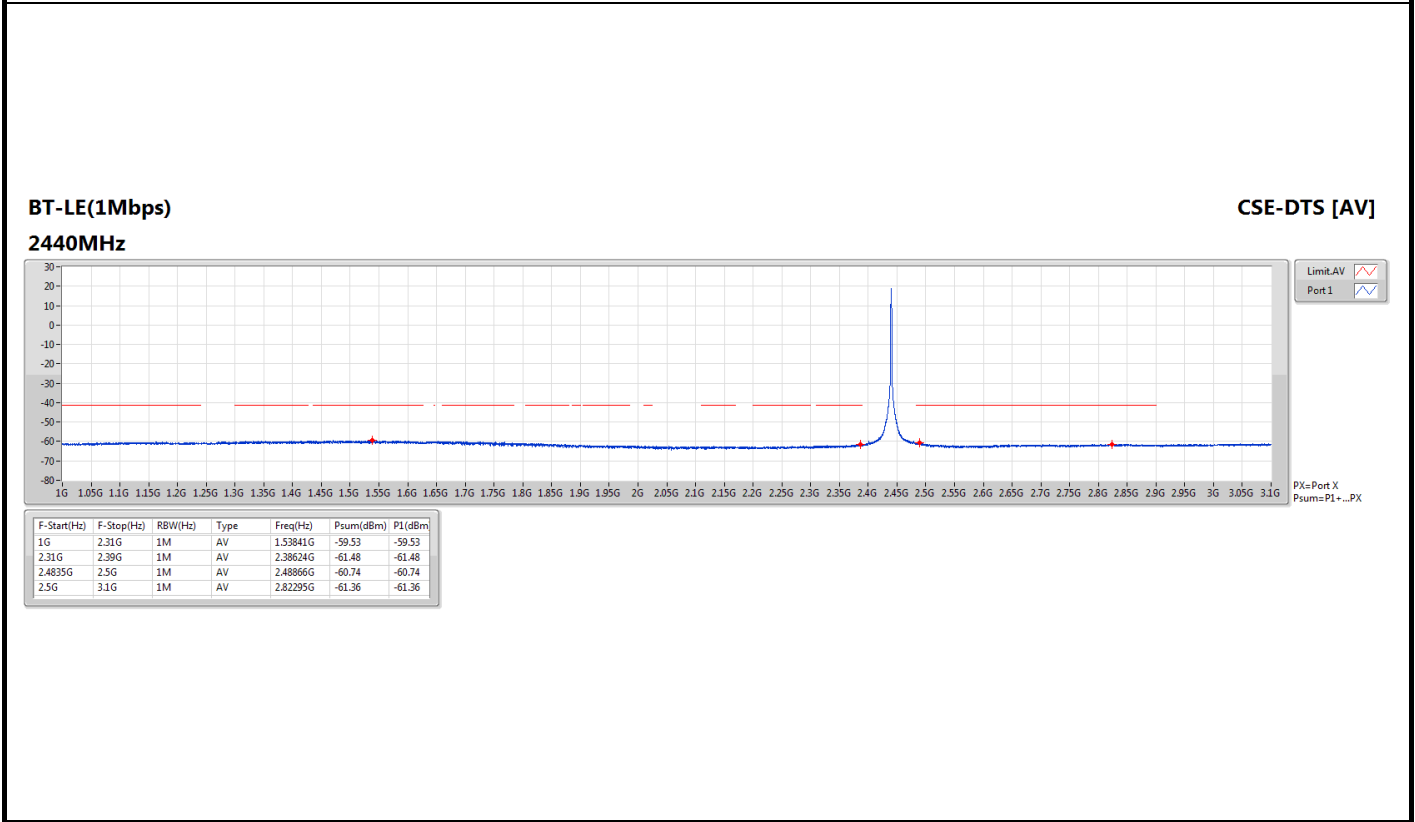
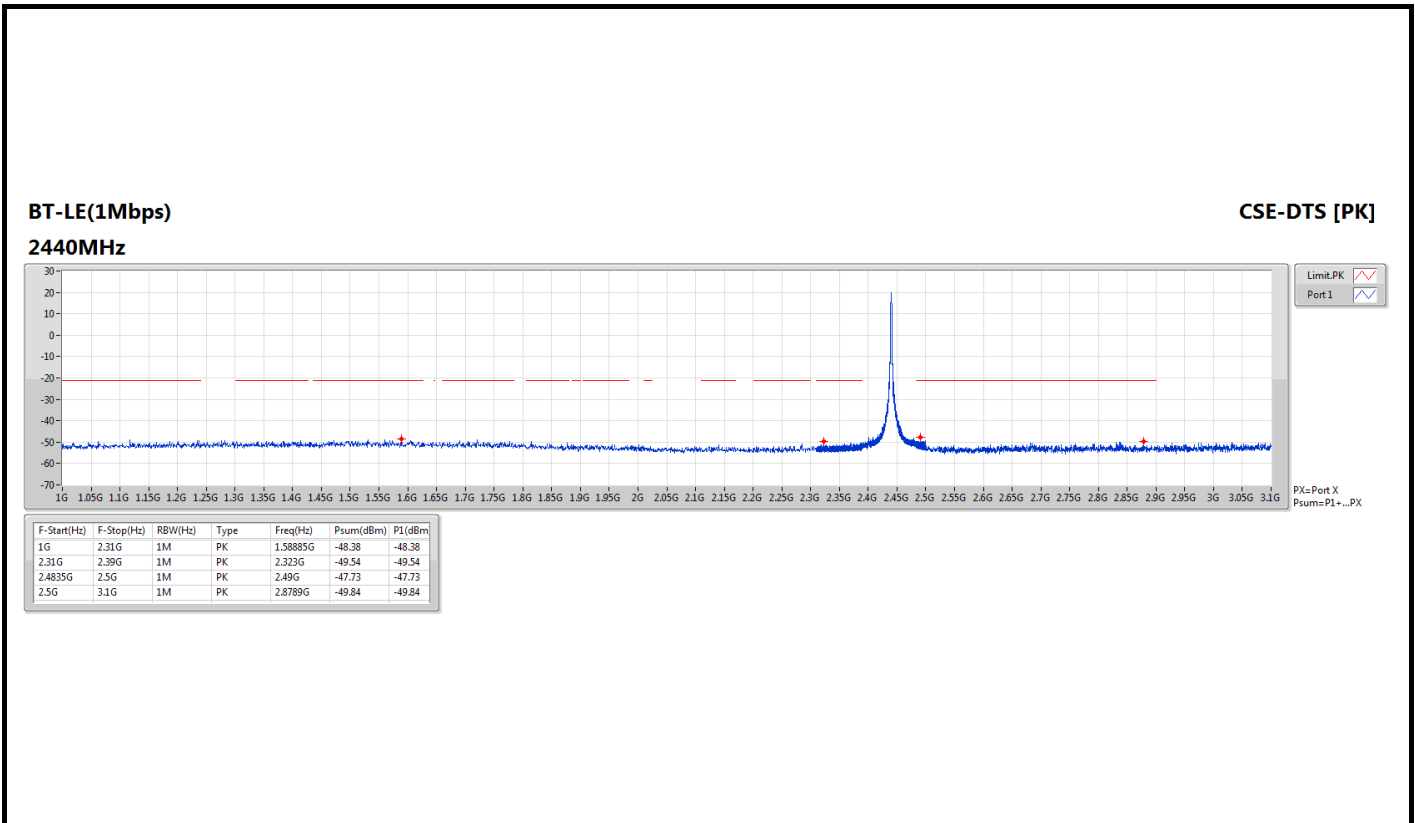
BT-LE(1Mbps)

CSE-DTS [AV]

2402MHz



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1G | 2.31G | 1M | AV | 1.5037G | -59.48 | -59.48 |
| 2.31G | 2.39G | 1M | AV | 2.3898G | -53.45 | -53.45 |
| 2.4835G | 2.5G | 1M | AV | 2.49851G | -61.60 | -61.60 |
| 2.5G | 3.1G | 1M | AV | 2.82475G | -60.69 | -60.69 |

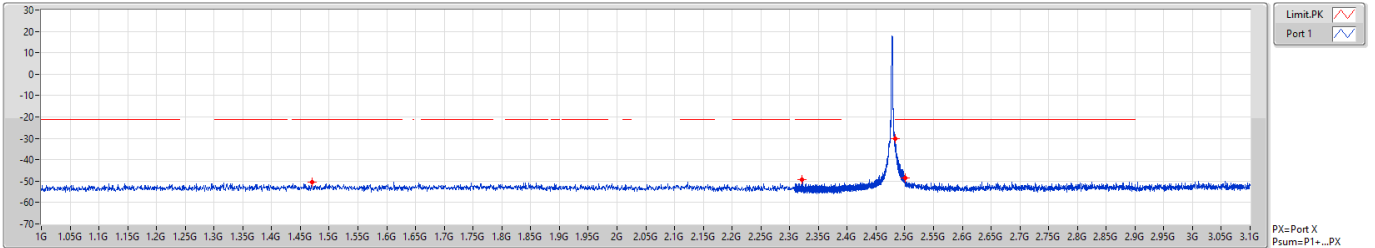




BT-LE(1Mbps)

CSE-DTS [PK]

2478MHz

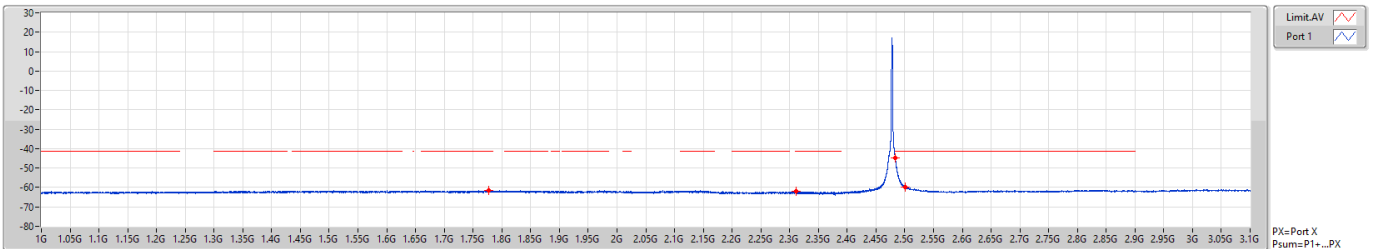


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1G | 2.31G | 1M | PK | 1.47029G | -50.34 | -50.34 |
| 2.31G | 2.39G | 1M | PK | 2.32204G | -49.37 | -49.37 |
| 2.4835G | 2.5G | 1M | PK | 2.48372G | -30.34 | -30.34 |
| 2.5G | 3.1G | 1M | PK | 2.5003G | -48.64 | -48.64 |

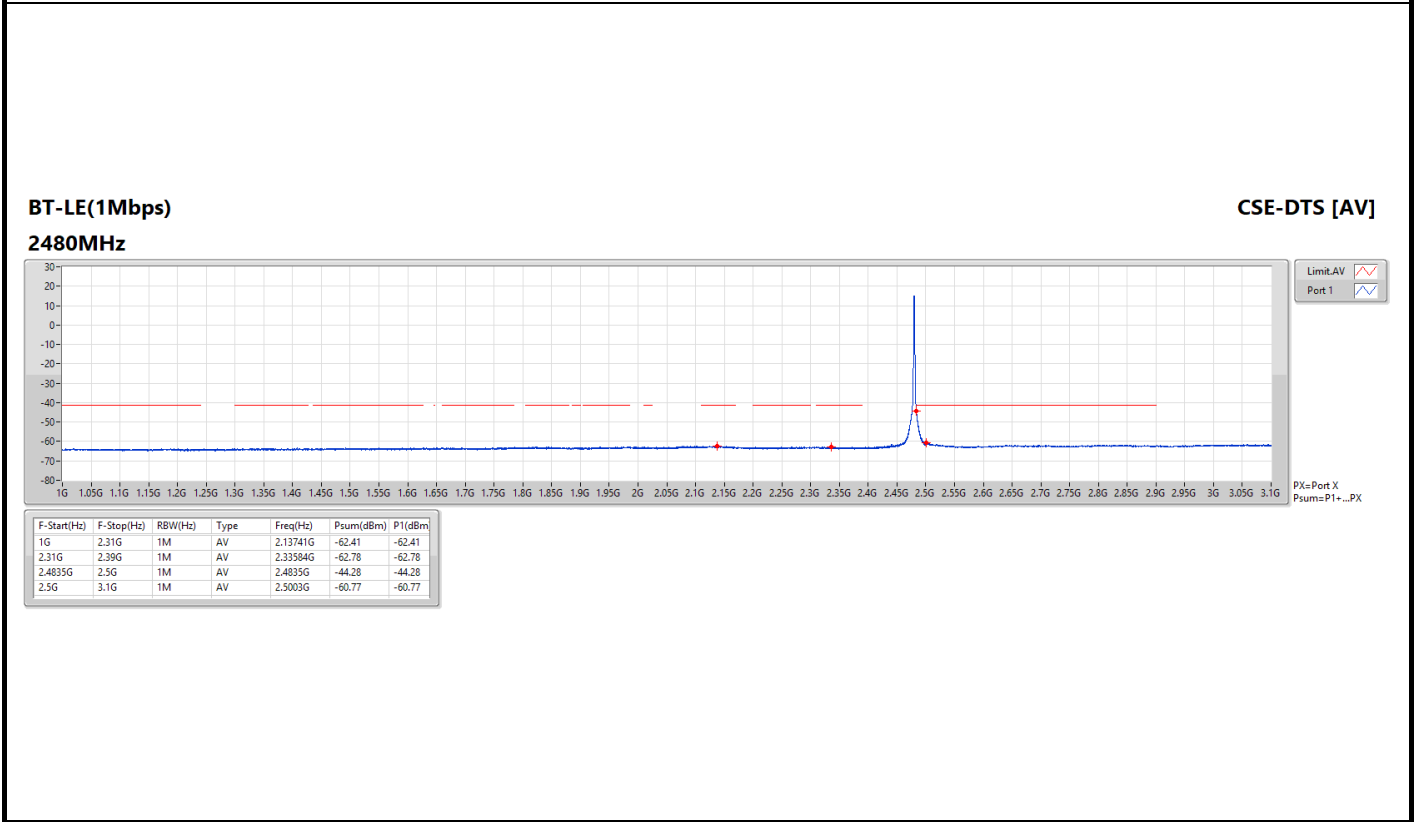
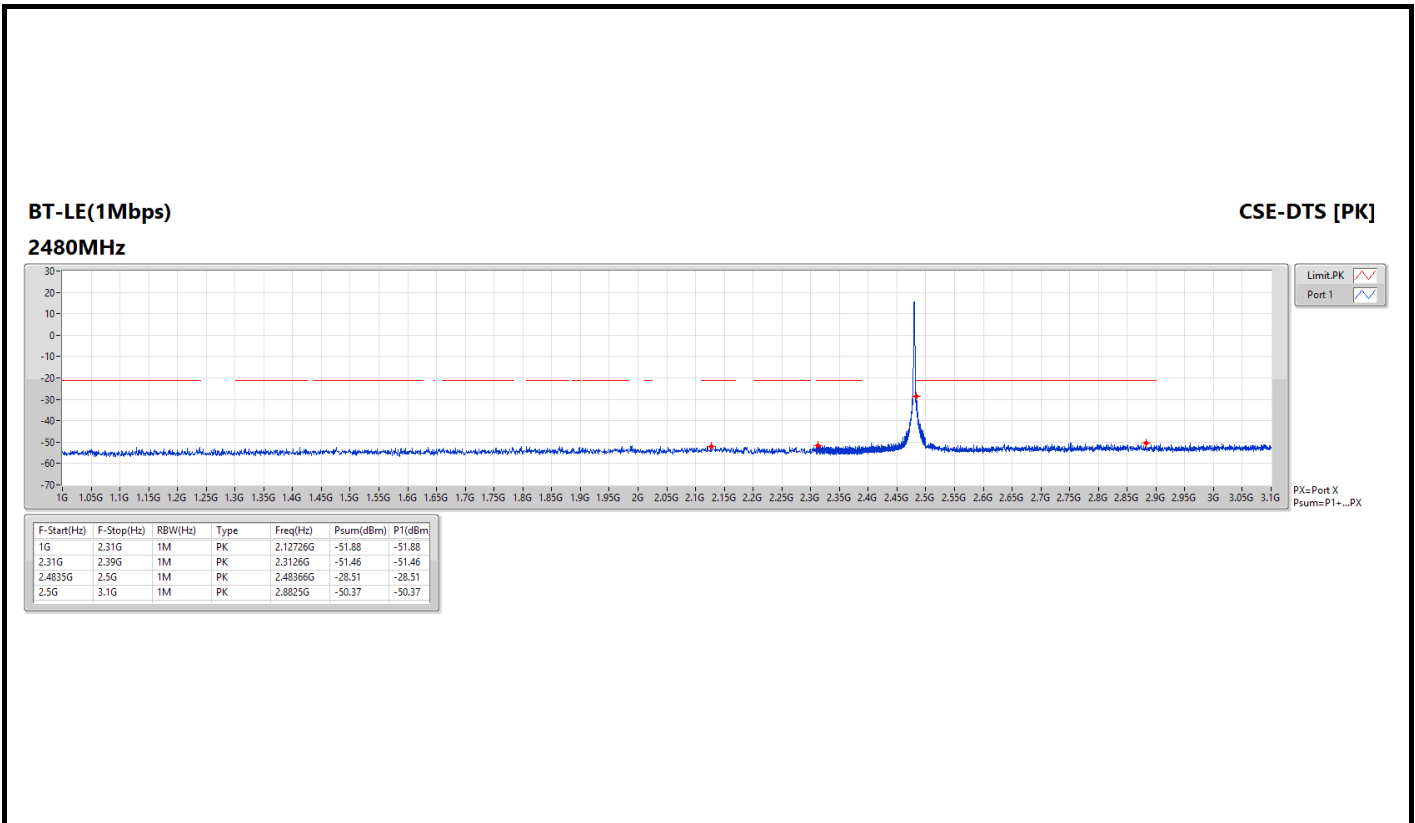
BT-LE(1Mbps)

CSE-DTS [AV]

2478MHz



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1G | 2.31G | 1M | AV | 1.77781G | -61.53 | -61.53 |
| 2.31G | 2.39G | 1M | AV | 2.31176G | -62.09 | -62.09 |
| 2.4835G | 2.5G | 1M | AV | 2.48352G | -44.76 | -44.76 |
| 2.5G | 3.1G | 1M | AV | 2.5009G | -59.71 | -59.71 |

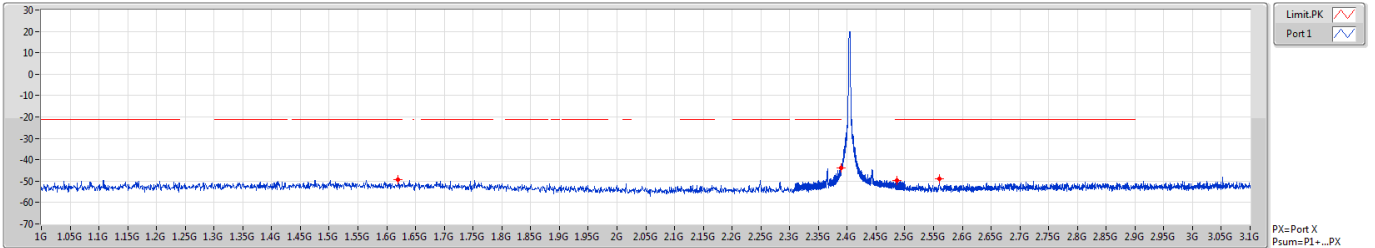




BT-LE(2Mbps)

CSE-DTS [PK]

2404MHz

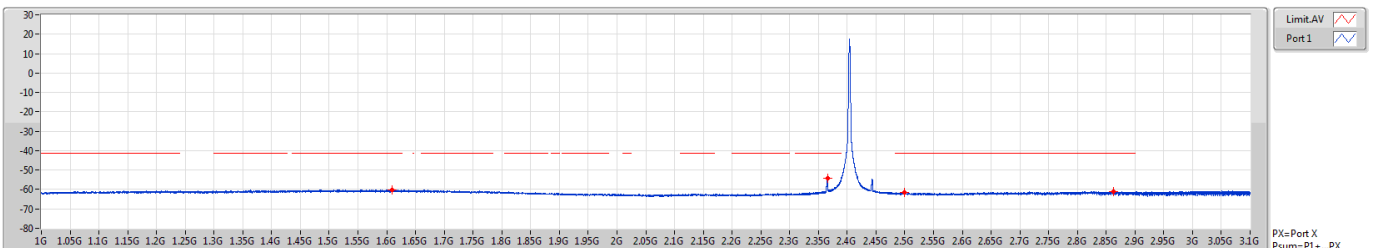


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1G | 2.31G | 1M | PK | 1.61963G | -49.38 | -49.38 |
| 2.31G | 2.39G | 1M | PK | 2.38988G | -43.73 | -43.73 |
| 2.4835G | 2.5G | 1M | PK | 2.48577G | -49.68 | -49.68 |
| 2.5G | 3.1G | 1M | PK | 2.5603G | -49.09 | -49.09 |

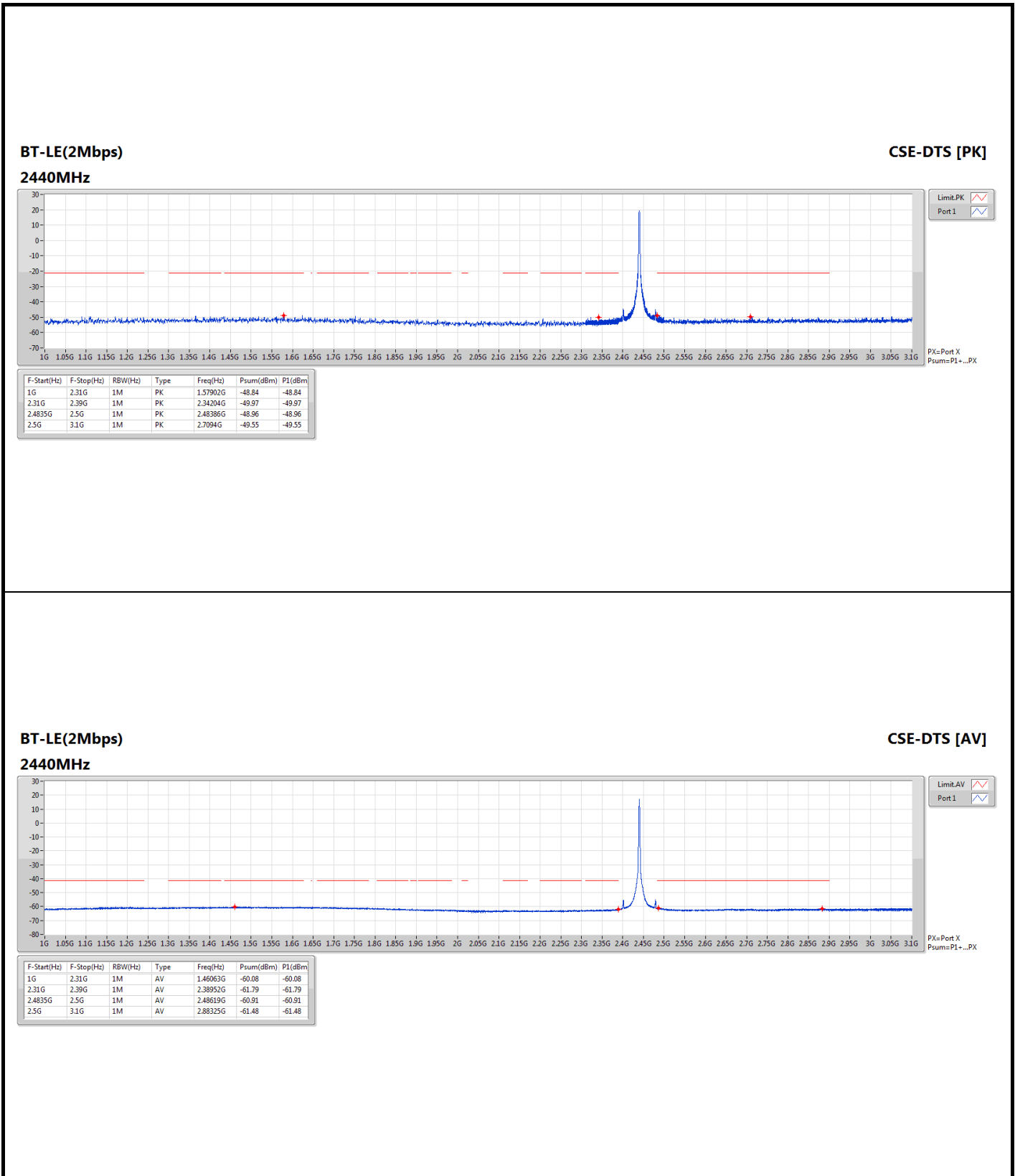
BT-LE(2Mbps)

CSE-DTS [AV]

2404MHz



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1G | 2.31G | 1M | AV | 1.60915G | -60.26 | -60.26 |
| 2.31G | 2.39G | 1M | AV | 2.36564G | -54.09 | -54.09 |
| 2.4835G | 2.5G | 1M | AV | 2.49915G | -61.60 | -61.60 |
| 2.5G | 3.1G | 1M | AV | 2.86255G | -61.11 | -61.11 |



BT-LE(2Mbps)
2440MHz

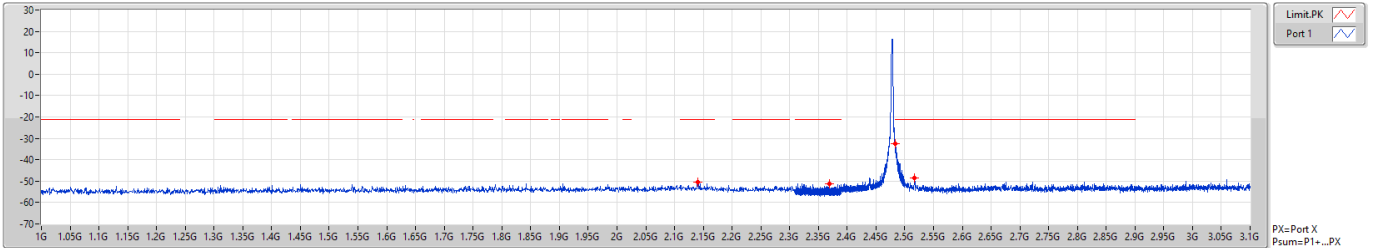
CSE-DTS [AV]



BT-LE(2Mbps)

CSE-DTS [PK]

2478MHz

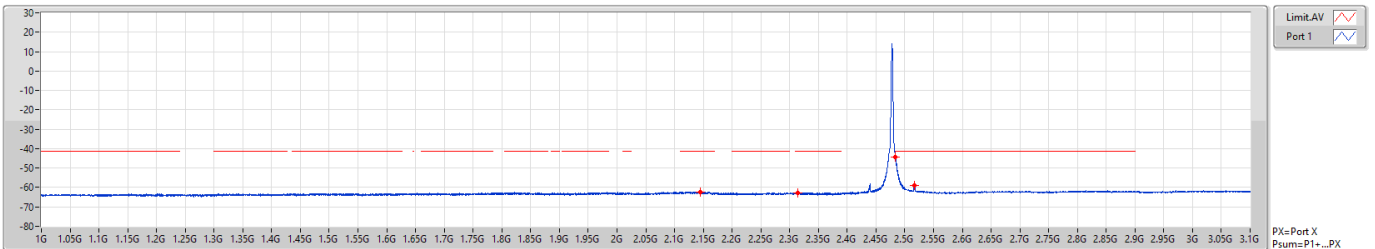


| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1G | 2.31G | 1M | PK | 2.14036G | -50.28 | -50.28 |
| 2.31G | 2.39G | 1M | PK | 2.36848G | -51.33 | -51.33 |
| 2.4835G | 2.5G | 1M | PK | 2.48373G | -32.37 | -32.37 |
| 2.5G | 3.1G | 1M | PK | 2.5171G | -48.60 | -48.60 |

BT-LE(2Mbps)

CSE-DTS [AV]

2478MHz



| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|----------|-----------|---------|
| 1G | 2.31G | 1M | AV | 2.14412G | -62.26 | -62.26 |
| 2.31G | 2.39G | 1M | AV | 2.31344G | -62.66 | -62.66 |
| 2.4835G | 2.5G | 1M | AV | 2.48352G | -44.32 | -44.32 |
| 2.5G | 3.1G | 1M | AV | 2.5174G | -58.86 | -58.86 |



3) Configuration 3: Laird part number: 453-00148, 20dBm, RF Trace Pad (External antenna)

Transmitter Conducted Unwanted Emissions (3.1GHz ~ 25GHz)

Summary

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | DG (dBi) | Psum (dBm) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|----------------------------|--------|--------------|-------------|------|-----------|----------|------------|------------|-------------|-------------|
| 2.4-2.4835GHz | - | - | - | - | - | - | - | - | - | - |
| BT-LE(Coding rate125kbps) | Pass | 8G | 25G | AV | 19.13234G | 2.00 | -63.78 | -61.78 | -41.20 | -20.58 |
| BT-LE(Coding rate 500kbps) | Pass | 8G | 25G | AV | 19.14775G | 2.00 | -63.49 | -61.49 | -41.20 | -20.29 |
| BT-LE(Symbol rate 1Mbps) | Pass | 8G | 25G | AV | 19.86759G | 2.00 | -63.33 | -61.33 | -41.20 | -20.13 |
| BT-LE(Symbol rate 2Mbps) | Pass | 8G | 25G | AV | 16.09784G | 2.00 | -64.13 | -62.13 | -41.20 | -20.93 |

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | DG (dBi) | Psum (dBm) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|---------------------------|--------|--------------|-------------|------|-----------|----------|------------|------------|-------------|-------------|
| BT-LE(Coding rate125kbps) | | | | | | | | | | |
| 2402MHz | Pass | 3.1G | 4G | AV | 3.26583G | 2.00 | -76.22 | -74.22 | -41.20 | -33.02 |
| 2402MHz | Pass | 4G | 5G | AV | 4.804G | 2.00 | -64.73 | -62.73 | -41.20 | -21.53 |
| 2402MHz | Pass | 5G | 7G | AV | 5.0515G | 2.00 | -74.65 | -72.65 | -41.20 | -31.45 |
| 2402MHz | Pass | 7G | 8G | AV | 7.6065G | 2.00 | -74.36 | -72.36 | -41.20 | -31.16 |
| 2402MHz | Pass | 8G | 25G | AV | 19.87716G | 2.00 | -63.96 | -61.96 | -41.20 | -20.76 |
| 2402MHz | Pass | 3.1G | 4G | PK | 3.2665G | 2.00 | -65.52 | -63.52 | -21.20 | -42.32 |
| 2402MHz | Pass | 4G | 5G | PK | 4.80375G | 2.00 | -58.44 | -56.44 | -21.20 | -35.24 |
| 2402MHz | Pass | 5G | 7G | PK | 5.3575G | 2.00 | -63.42 | -61.42 | -21.20 | -40.22 |
| 2402MHz | Pass | 7G | 8G | PK | 7.61225G | 2.00 | -63.66 | -61.66 | -21.20 | -40.46 |
| 2402MHz | Pass | 8G | 25G | PK | 19.89681G | 2.00 | -54.85 | -52.85 | -21.20 | -31.65 |
| 2440MHz | Pass | 3.1G | 4G | AV | 3.35178G | 2.00 | -76.10 | -74.10 | -41.20 | -32.90 |
| 2440MHz | Pass | 4G | 5G | AV | 4.88G | 2.00 | -66.33 | -64.33 | -41.20 | -23.13 |
| 2440MHz | Pass | 5G | 7G | AV | 5.2425G | 2.00 | -74.42 | -72.42 | -41.20 | -31.22 |
| 2440MHz | Pass | 7G | 8G | AV | 7.64175G | 2.00 | -74.11 | -72.11 | -41.20 | -30.91 |
| 2440MHz | Pass | 8G | 25G | AV | 19.87025G | 2.00 | -64.02 | -62.02 | -41.20 | -20.82 |
| 2440MHz | Pass | 3.1G | 4G | PK | 3.52075G | 2.00 | -66.10 | -64.10 | -21.20 | -42.90 |
| 2440MHz | Pass | 4G | 5G | PK | 4.88G | 2.00 | -59.95 | -57.95 | -21.20 | -36.75 |
| 2440MHz | Pass | 5G | 7G | PK | 5.236G | 2.00 | -64.36 | -62.36 | -21.20 | -41.16 |
| 2440MHz | Pass | 7G | 8G | PK | 7.594G | 2.00 | -64.16 | -62.16 | -21.20 | -40.96 |
| 2440MHz | Pass | 8G | 25G | PK | 19.91594G | 2.00 | -54.56 | -52.56 | -21.20 | -31.36 |
| 2478MHz | Pass | 3.1G | 4G | AV | 3.3556G | 2.00 | -75.33 | -73.33 | -41.20 | -32.13 |
| 2478MHz | Pass | 4G | 5G | AV | 4.95625G | 2.00 | -67.28 | -65.28 | -41.20 | -24.08 |
| 2478MHz | Pass | 5G | 7G | AV | 5.165G | 2.00 | -73.80 | -71.80 | -41.20 | -30.60 |
| 2478MHz | Pass | 7G | 8G | AV | 7.4925G | 2.00 | -71.29 | -69.29 | -41.20 | -28.09 |
| 2478MHz | Pass | 8G | 25G | AV | 19.13234G | 2.00 | -63.78 | -61.78 | -41.20 | -20.58 |
| 2478MHz | Pass | 3.1G | 4G | PK | 3.26695G | 2.00 | -64.51 | -62.51 | -21.20 | -41.31 |



| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | DG (dBi) | Psum (dBm) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|----------------------------|--------|--------------|-------------|------|-----------|----------|------------|------------|-------------|-------------|
| 2478MHz | Pass | 4G | 5G | PK | 4.9555G | 2.00 | -60.16 | -58.16 | -21.20 | -36.96 |
| 2478MHz | Pass | 5G | 7G | PK | 5.3535G | 2.00 | -63.21 | -61.21 | -21.20 | -40.01 |
| 2478MHz | Pass | 7G | 8G | PK | 7.48625G | 2.00 | -59.96 | -57.96 | -21.20 | -36.76 |
| 2478MHz | Pass | 8G | 25G | PK | 19.11481G | 2.00 | -54.88 | -52.88 | -21.20 | -31.68 |
| 2480MHz | Pass | 3.1G | 4G | AV | 3.35605G | 2.00 | -75.19 | -73.19 | -41.20 | -31.99 |
| 2480MHz | Pass | 4G | 5G | AV | 4.96025G | 2.00 | -68.08 | -66.08 | -41.20 | -24.88 |
| 2480MHz | Pass | 5G | 7G | AV | 5.2085G | 2.00 | -74.14 | -72.14 | -41.20 | -30.94 |
| 2480MHz | Pass | 7G | 8G | AV | 7.4865G | 2.00 | -71.83 | -69.83 | -41.20 | -28.63 |
| 2480MHz | Pass | 8G | 25G | AV | 16.07075G | 2.00 | -64.24 | -62.24 | -41.20 | -21.04 |
| 2480MHz | Pass | 3.1G | 4G | PK | 3.54505G | 2.00 | -65.35 | -63.35 | -21.20 | -42.15 |
| 2480MHz | Pass | 4G | 5G | PK | 4.96025G | 2.00 | -60.68 | -58.68 | -21.20 | -37.48 |
| 2480MHz | Pass | 5G | 7G | PK | 5.193G | 2.00 | -64.68 | -62.68 | -21.20 | -41.48 |
| 2480MHz | Pass | 7G | 8G | PK | 7.462G | 2.00 | -62.62 | -60.62 | -21.20 | -39.42 |
| 2480MHz | Pass | 8G | 25G | PK | 19.14934G | 2.00 | -55.32 | -53.32 | -21.20 | -32.12 |
| BT-LE(Coding rate 500kbps) | | | | | | | | | | |
| 2402MHz | Pass | 3.1G | 4G | AV | 3.26448G | 2.00 | -67.91 | -65.91 | -41.20 | -24.71 |
| 2402MHz | Pass | 4G | 5G | AV | 4.804G | 2.00 | -64.23 | -62.23 | -41.20 | -21.03 |
| 2402MHz | Pass | 5G | 7G | AV | 5.21G | 2.00 | -74.53 | -72.53 | -41.20 | -31.33 |
| 2402MHz | Pass | 7G | 8G | AV | 7.48525G | 2.00 | -72.13 | -70.13 | -41.20 | -28.93 |
| 2402MHz | Pass | 8G | 25G | AV | 16.08138G | 2.00 | -64.45 | -62.45 | -41.20 | -21.25 |
| 2402MHz | Pass | 3.1G | 4G | PK | 3.26583G | 2.00 | -58.44 | -56.44 | -21.20 | -35.24 |
| 2402MHz | Pass | 4G | 5G | PK | 4.8035G | 2.00 | -59.00 | -57.00 | -21.20 | -35.80 |
| 2402MHz | Pass | 5G | 7G | PK | 5.201G | 2.00 | -65.06 | -63.06 | -21.20 | -41.86 |
| 2402MHz | Pass | 7G | 8G | PK | 7.4445G | 2.00 | -61.85 | -59.85 | -21.20 | -38.65 |
| 2402MHz | Pass | 8G | 25G | PK | 18.87734G | 2.00 | -54.87 | -52.87 | -21.20 | -31.67 |
| 2440MHz | Pass | 3.1G | 4G | AV | 3.26088G | 2.00 | -66.83 | -64.83 | -41.20 | -23.63 |
| 2440MHz | Pass | 4G | 5G | AV | 4.88G | 2.00 | -66.95 | -64.95 | -41.20 | -23.75 |
| 2440MHz | Pass | 5G | 7G | AV | 5.2045G | 2.00 | -74.15 | -72.15 | -41.20 | -30.95 |
| 2440MHz | Pass | 7G | 8G | AV | 7.48775G | 2.00 | -71.97 | -69.97 | -41.20 | -28.77 |
| 2440MHz | Pass | 8G | 25G | AV | 16.08138G | 2.00 | -64.32 | -62.32 | -41.20 | -21.12 |
| 2440MHz | Pass | 3.1G | 4G | PK | 3.26515G | 2.00 | -57.71 | -55.71 | -21.20 | -34.51 |
| 2440MHz | Pass | 4G | 5G | PK | 4.87925G | 2.00 | -60.77 | -58.77 | -21.20 | -37.57 |
| 2440MHz | Pass | 5G | 7G | PK | 5.1025G | 2.00 | -64.85 | -62.85 | -21.20 | -41.65 |
| 2440MHz | Pass | 7G | 8G | PK | 7.47075G | 2.00 | -61.88 | -59.88 | -21.20 | -38.68 |
| 2440MHz | Pass | 8G | 25G | PK | 19.15838G | 2.00 | -55.02 | -53.02 | -21.20 | -31.82 |
| 2478MHz | Pass | 3.1G | 4G | AV | 3.2665G | 2.00 | -70.80 | -68.80 | -41.20 | -27.60 |
| 2478MHz | Pass | 4G | 5G | AV | 4.95625G | 2.00 | -72.67 | -70.67 | -41.20 | -29.47 |
| 2478MHz | Pass | 5G | 7G | AV | 5.1975G | 2.00 | -73.91 | -71.91 | -41.20 | -30.71 |
| 2478MHz | Pass | 7G | 8G | AV | 7.49425G | 2.00 | -71.00 | -69.00 | -41.20 | -27.80 |
| 2478MHz | Pass | 8G | 25G | AV | 19.14775G | 2.00 | -63.49 | -61.49 | -41.20 | -20.29 |
| 2478MHz | Pass | 3.1G | 4G | PK | 3.26335G | 2.00 | -61.37 | -59.37 | -21.20 | -38.17 |
| 2478MHz | Pass | 4G | 5G | PK | 4.9555G | 2.00 | -63.96 | -61.96 | -21.20 | -40.76 |



| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | DG (dBi) | Psum (dBm) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|--------------------------|--------|--------------|-------------|------|-----------|----------|------------|------------|-------------|-------------|
| 2478MHz | Pass | 5G | 7G | PK | 5.1655G | 2.00 | -63.68 | -61.68 | -21.20 | -40.48 |
| 2478MHz | Pass | 7G | 8G | PK | 7.4605G | 2.00 | -60.99 | -58.99 | -21.20 | -37.79 |
| 2478MHz | Pass | 8G | 25G | PK | 18.90603G | 2.00 | -54.07 | -52.07 | -21.20 | -30.87 |
| 2480MHz | Pass | 3.1G | 4G | AV | 3.2647G | 2.00 | -73.18 | -71.18 | -41.20 | -29.98 |
| 2480MHz | Pass | 4G | 5G | AV | 4.9605G | 2.00 | -73.93 | -71.93 | -41.20 | -30.73 |
| 2480MHz | Pass | 5G | 7G | AV | 5.1995G | 2.00 | -74.35 | -72.35 | -41.20 | -31.15 |
| 2480MHz | Pass | 7G | 8G | AV | 7.50425G | 2.00 | -71.75 | -69.75 | -41.20 | -28.55 |
| 2480MHz | Pass | 8G | 25G | AV | 16.08563G | 2.00 | -64.30 | -62.30 | -41.20 | -21.10 |
| 2480MHz | Pass | 3.1G | 4G | PK | 3.3466G | 2.00 | -64.06 | -62.06 | -21.20 | -40.86 |
| 2480MHz | Pass | 4G | 5G | PK | 4.5505G | 2.00 | -64.14 | -62.14 | -21.20 | -40.94 |
| 2480MHz | Pass | 5G | 7G | PK | 5.213G | 2.00 | -64.26 | -62.26 | -21.20 | -41.06 |
| 2480MHz | Pass | 7G | 8G | PK | 7.509G | 2.00 | -62.03 | -60.03 | -21.20 | -38.83 |
| 2480MHz | Pass | 8G | 25G | PK | 19.13181G | 2.00 | -54.92 | -52.92 | -21.20 | -31.72 |
| BT-LE(Symbol rate 1Mbps) | | | | | | | | | | |
| 2402MHz | Pass | 3.1G | 4G | AV | 3.262G | 2.00 | -67.00 | -65.00 | -41.20 | -23.80 |
| 2402MHz | Pass | 4G | 5G | AV | 4.804G | 2.00 | -64.28 | -62.28 | -41.20 | -21.08 |
| 2402MHz | Pass | 5G | 7G | AV | 5.2065G | 2.00 | -74.53 | -72.53 | -41.20 | -31.33 |
| 2402MHz | Pass | 7G | 8G | AV | 7.5035G | 2.00 | -71.75 | -69.75 | -41.20 | -28.55 |
| 2402MHz | Pass | 8G | 25G | AV | 16.08988G | 2.00 | -64.30 | -62.30 | -41.20 | -21.10 |
| 2402MHz | Pass | 3.1G | 4G | PK | 3.2647G | 2.00 | -57.39 | -55.39 | -21.20 | -34.19 |
| 2402MHz | Pass | 4G | 5G | PK | 4.8045G | 2.00 | -59.15 | -57.15 | -21.20 | -35.95 |
| 2402MHz | Pass | 5G | 7G | PK | 5.22G | 2.00 | -64.23 | -62.23 | -21.20 | -41.03 |
| 2402MHz | Pass | 7G | 8G | PK | 7.497G | 2.00 | -61.92 | -59.92 | -21.20 | -38.72 |
| 2402MHz | Pass | 8G | 25G | PK | 19.12703G | 2.00 | -55.75 | -53.75 | -21.20 | -32.55 |
| 2440MHz | Pass | 3.1G | 4G | AV | 3.26448G | 2.00 | -66.80 | -64.80 | -41.20 | -23.60 |
| 2440MHz | Pass | 4G | 5G | AV | 4.88025G | 2.00 | -67.90 | -65.90 | -41.20 | -24.70 |
| 2440MHz | Pass | 5G | 7G | AV | 5.239G | 2.00 | -73.94 | -71.94 | -41.20 | -30.74 |
| 2440MHz | Pass | 7G | 8G | AV | 7.3195G | 2.00 | -72.65 | -70.65 | -41.20 | -29.45 |
| 2440MHz | Pass | 8G | 25G | AV | 19.86759G | 2.00 | -63.33 | -61.33 | -41.20 | -20.13 |
| 2440MHz | Pass | 3.1G | 4G | PK | 3.26628G | 2.00 | -56.71 | -54.71 | -21.20 | -33.51 |
| 2440MHz | Pass | 4G | 5G | PK | 4.88025G | 2.00 | -61.47 | -59.47 | -21.20 | -38.27 |
| 2440MHz | Pass | 5G | 7G | PK | 5.1785G | 2.00 | -63.85 | -61.85 | -21.20 | -40.65 |
| 2440MHz | Pass | 7G | 8G | PK | 7.647G | 2.00 | -63.59 | -61.59 | -21.20 | -40.39 |
| 2440MHz | Pass | 8G | 25G | PK | 19.86441G | 2.00 | -53.60 | -51.60 | -21.20 | -30.40 |
| 2478MHz | Pass | 3.1G | 4G | AV | 3.26403G | 2.00 | -70.72 | -68.72 | -41.20 | -27.52 |
| 2478MHz | Pass | 4G | 5G | AV | 4.95625G | 2.00 | -72.73 | -70.73 | -41.20 | -29.53 |
| 2478MHz | Pass | 5G | 7G | AV | 5.1935G | 2.00 | -74.41 | -72.41 | -41.20 | -31.21 |
| 2478MHz | Pass | 7G | 8G | AV | 7.47725G | 2.00 | -72.02 | -70.02 | -41.20 | -28.82 |
| 2478MHz | Pass | 8G | 25G | AV | 16.05641G | 2.00 | -64.30 | -62.30 | -41.20 | -21.10 |
| 2478MHz | Pass | 3.1G | 4G | PK | 3.26448G | 2.00 | -60.63 | -58.63 | -21.20 | -37.43 |
| 2478MHz | Pass | 4G | 5G | PK | 4.956G | 2.00 | -63.84 | -61.84 | -21.20 | -40.64 |
| 2478MHz | Pass | 5G | 7G | PK | 5.1315G | 2.00 | -64.56 | -62.56 | -21.20 | -41.36 |

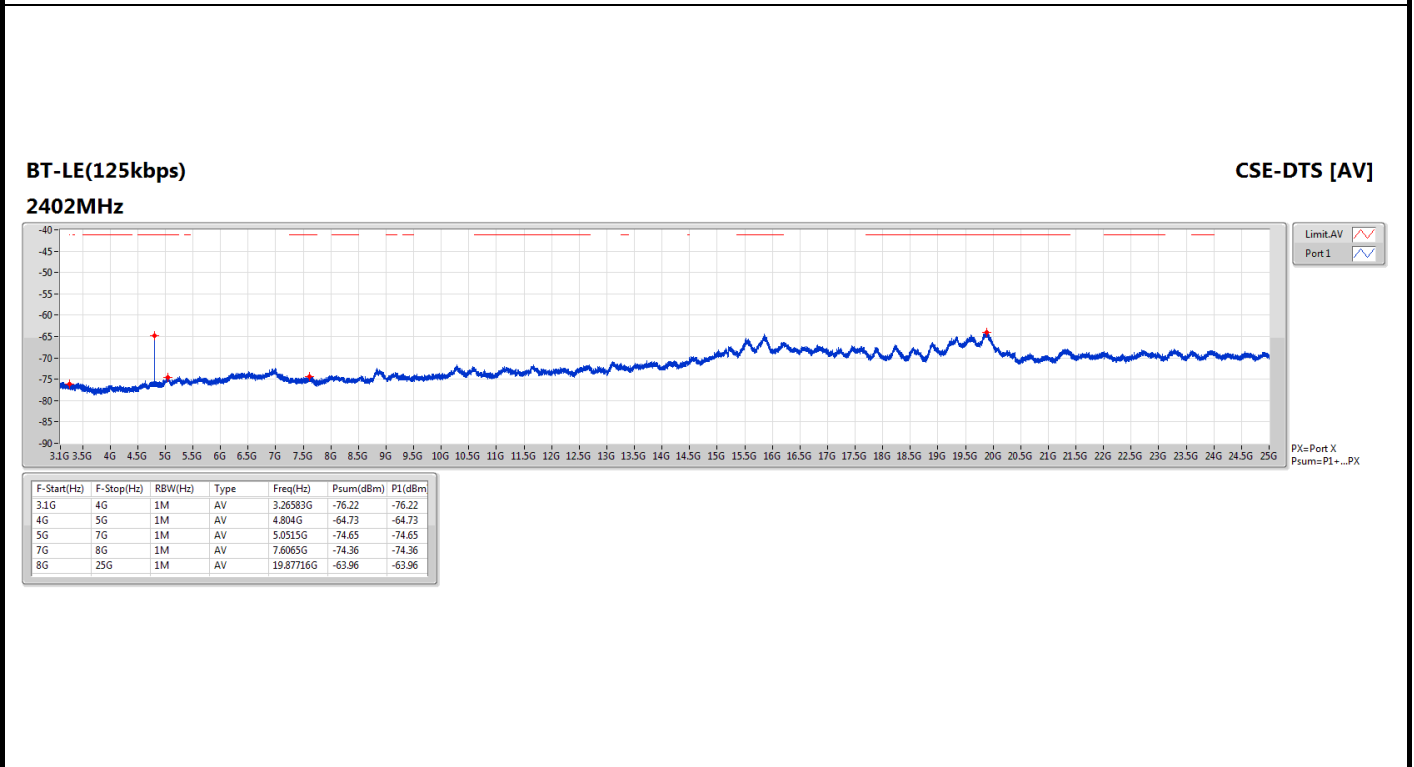
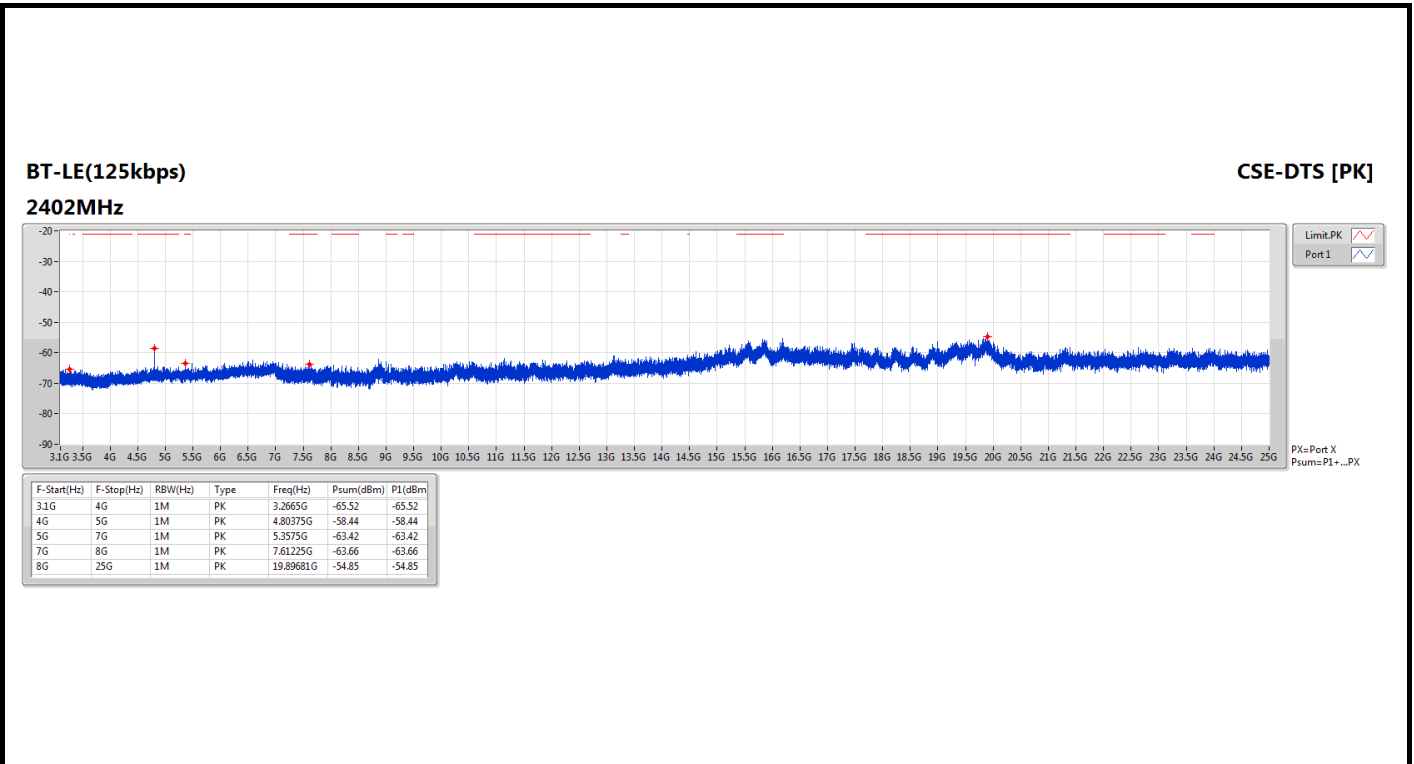


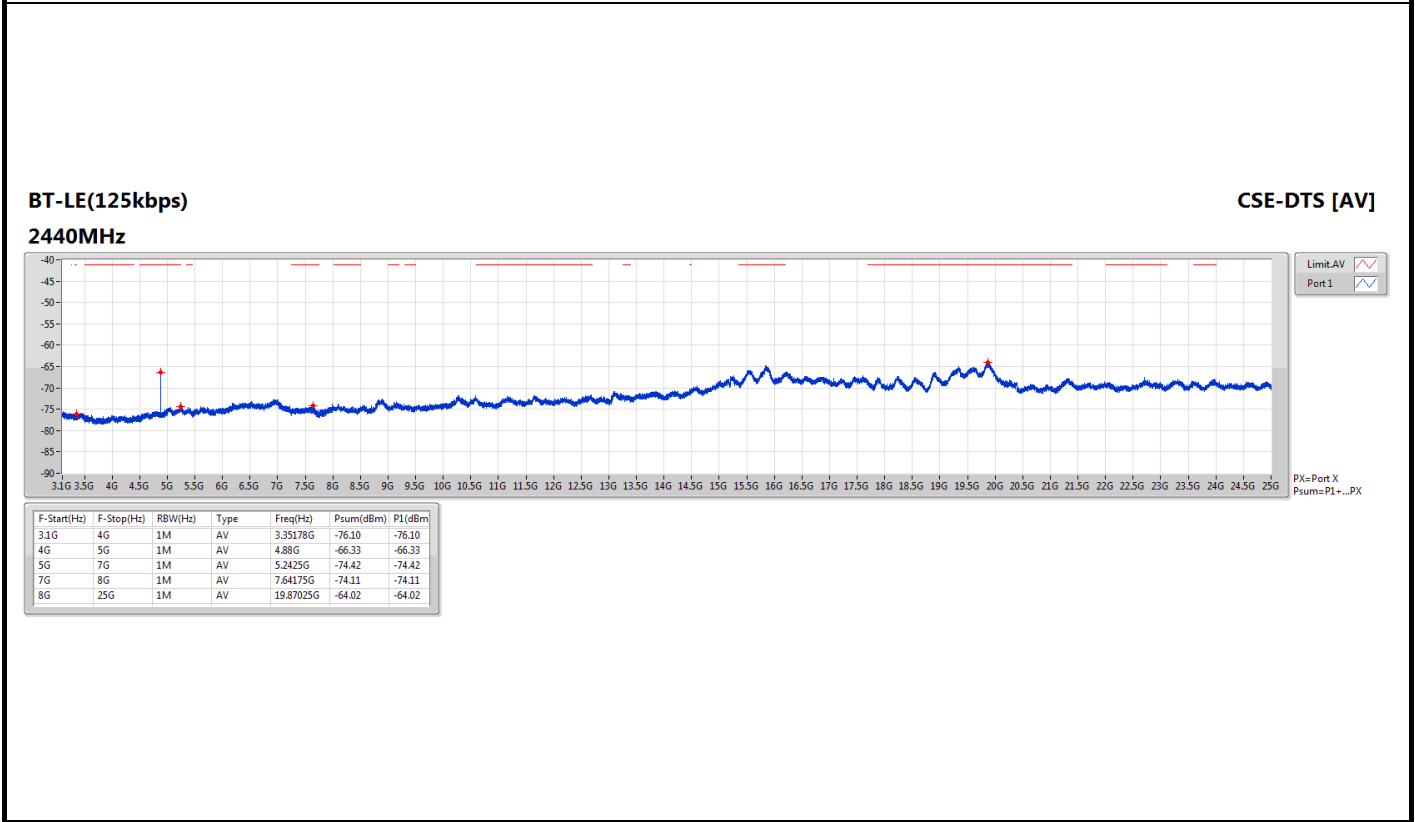
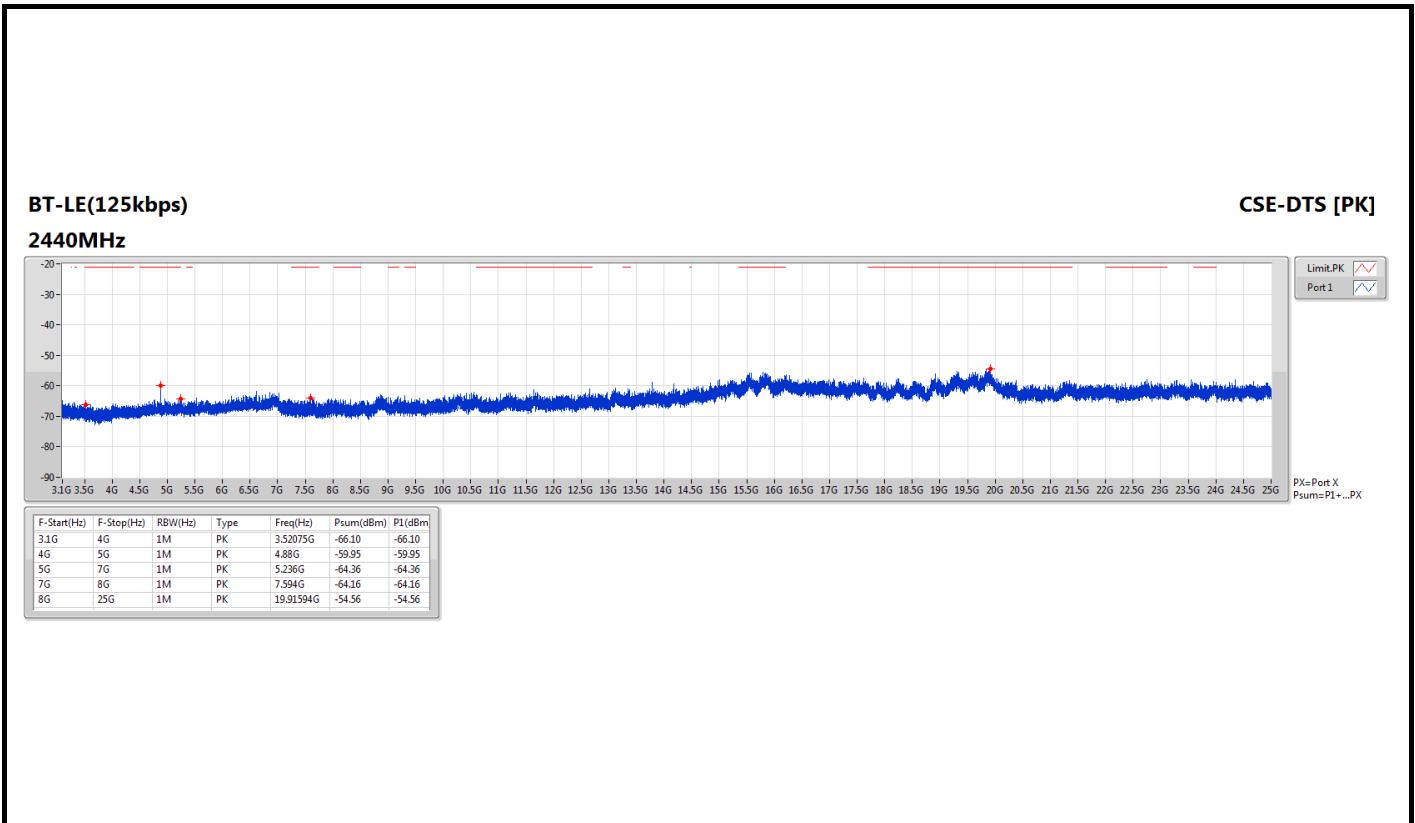
| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | DG (dBi) | Psum (dBm) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|--------------------------|--------|--------------|-------------|------|-----------|----------|------------|------------|-------------|-------------|
| 2478MHz | Pass | 7G | 8G | PK | 7.46225G | 2.00 | -62.24 | -60.24 | -21.20 | -39.04 |
| 2478MHz | Pass | 8G | 25G | PK | 19.118G | 2.00 | -54.97 | -52.97 | -21.20 | -31.77 |
| 2480MHz | Pass | 3.1G | 4G | AV | 3.26515G | 2.00 | -73.67 | -71.67 | -41.20 | -30.47 |
| 2480MHz | Pass | 4G | 5G | AV | 4.96025G | 2.00 | -74.44 | -72.44 | -41.20 | -31.24 |
| 2480MHz | Pass | 5G | 7G | AV | 5.189G | 2.00 | -74.46 | -72.46 | -41.20 | -31.26 |
| 2480MHz | Pass | 7G | 8G | AV | 7.5005G | 2.00 | -71.60 | -69.60 | -41.20 | -28.40 |
| 2480MHz | Pass | 8G | 25G | AV | 16.09838G | 2.00 | -64.39 | -62.39 | -41.20 | -21.19 |
| 2480MHz | Pass | 3.1G | 4G | PK | 3.2602G | 2.00 | -64.53 | -62.53 | -21.20 | -41.33 |
| 2480MHz | Pass | 4G | 5G | PK | 4.96G | 2.00 | -64.06 | -62.06 | -21.20 | -40.86 |
| 2480MHz | Pass | 5G | 7G | PK | 5.359G | 2.00 | -64.20 | -62.20 | -21.20 | -41.00 |
| 2480MHz | Pass | 7G | 8G | PK | 7.4895G | 2.00 | -61.18 | -59.18 | -21.20 | -37.98 |
| 2480MHz | Pass | 8G | 25G | PK | 19.13288G | 2.00 | -54.99 | -52.99 | -21.20 | -31.79 |
| BT-LE(Symbol rate 2Mbps) | | | | | | | | | | |
| 2404MHz | Pass | 3.1G | 4G | AV | 3.26673G | 2.00 | -67.17 | -65.17 | -41.20 | -23.97 |
| 2404MHz | Pass | 4G | 5G | AV | 4.80775G | 2.00 | -66.47 | -64.47 | -41.20 | -23.27 |
| 2404MHz | Pass | 5G | 7G | AV | 5.366G | 2.00 | -73.87 | -71.87 | -41.20 | -30.67 |
| 2404MHz | Pass | 7G | 8G | AV | 7.74325G | 2.00 | -73.27 | -71.27 | -41.20 | -30.07 |
| 2404MHz | Pass | 8G | 25G | AV | 19.05106G | 2.00 | -66.21 | -64.21 | -41.20 | -23.01 |
| 2404MHz | Pass | 3.1G | 4G | PK | 3.26335G | 2.00 | -58.30 | -56.30 | -21.20 | -35.10 |
| 2404MHz | Pass | 4G | 5G | PK | 4.80725G | 2.00 | -58.92 | -56.92 | -21.20 | -35.72 |
| 2404MHz | Pass | 5G | 7G | PK | 5.235G | 2.00 | -63.20 | -61.20 | -21.20 | -40.00 |
| 2404MHz | Pass | 7G | 8G | PK | 7.74525G | 2.00 | -62.43 | -60.43 | -21.20 | -39.23 |
| 2404MHz | Pass | 8G | 25G | PK | 15.77431G | 2.00 | -56.13 | -54.13 | -21.20 | -32.93 |
| 2440MHz | Pass | 3.1G | 4G | AV | 3.26605G | 2.00 | -67.21 | -65.21 | -41.20 | -24.01 |
| 2440MHz | Pass | 4G | 5G | AV | 4.879G | 2.00 | -69.17 | -67.17 | -41.20 | -25.97 |
| 2440MHz | Pass | 5G | 7G | AV | 5.2035G | 2.00 | -74.34 | -72.34 | -41.20 | -31.14 |
| 2440MHz | Pass | 7G | 8G | AV | 7.489G | 2.00 | -71.81 | -69.81 | -41.20 | -28.61 |
| 2440MHz | Pass | 8G | 25G | AV | 16.07766G | 2.00 | -64.34 | -62.34 | -41.20 | -21.14 |
| 2440MHz | Pass | 3.1G | 4G | PK | 3.26313G | 2.00 | -57.86 | -55.86 | -21.20 | -34.66 |
| 2440MHz | Pass | 4G | 5G | PK | 4.87925G | 2.00 | -61.99 | -59.99 | -21.20 | -38.79 |
| 2440MHz | Pass | 5G | 7G | PK | 5.206G | 2.00 | -64.31 | -62.31 | -21.20 | -41.11 |
| 2440MHz | Pass | 7G | 8G | PK | 7.4875G | 2.00 | -61.97 | -59.97 | -21.20 | -38.77 |
| 2440MHz | Pass | 8G | 25G | PK | 18.81678G | 2.00 | -55.19 | -53.19 | -21.20 | -31.99 |
| 2478MHz | Pass | 3.1G | 4G | AV | 3.26403G | 2.00 | -72.28 | -70.28 | -41.20 | -29.08 |
| 2478MHz | Pass | 4G | 5G | AV | 4.957G | 2.00 | -74.81 | -72.81 | -41.20 | -31.61 |
| 2478MHz | Pass | 5G | 7G | AV | 5.1885G | 2.00 | -74.66 | -72.66 | -41.20 | -31.46 |
| 2478MHz | Pass | 7G | 8G | AV | 7.48825G | 2.00 | -71.53 | -69.53 | -41.20 | -28.33 |
| 2478MHz | Pass | 8G | 25G | AV | 16.09784G | 2.00 | -64.13 | -62.13 | -41.20 | -20.93 |
| 2478MHz | Pass | 3.1G | 4G | PK | 3.26133G | 2.00 | -62.56 | -60.56 | -21.20 | -39.36 |
| 2478MHz | Pass | 4G | 5G | PK | 4.9575G | 2.00 | -64.50 | -62.50 | -21.20 | -41.30 |
| 2478MHz | Pass | 5G | 7G | PK | 5.1685G | 2.00 | -64.63 | -62.63 | -21.20 | -41.43 |
| 2478MHz | Pass | 7G | 8G | PK | 7.46775G | 2.00 | -62.64 | -60.64 | -21.20 | -39.44 |

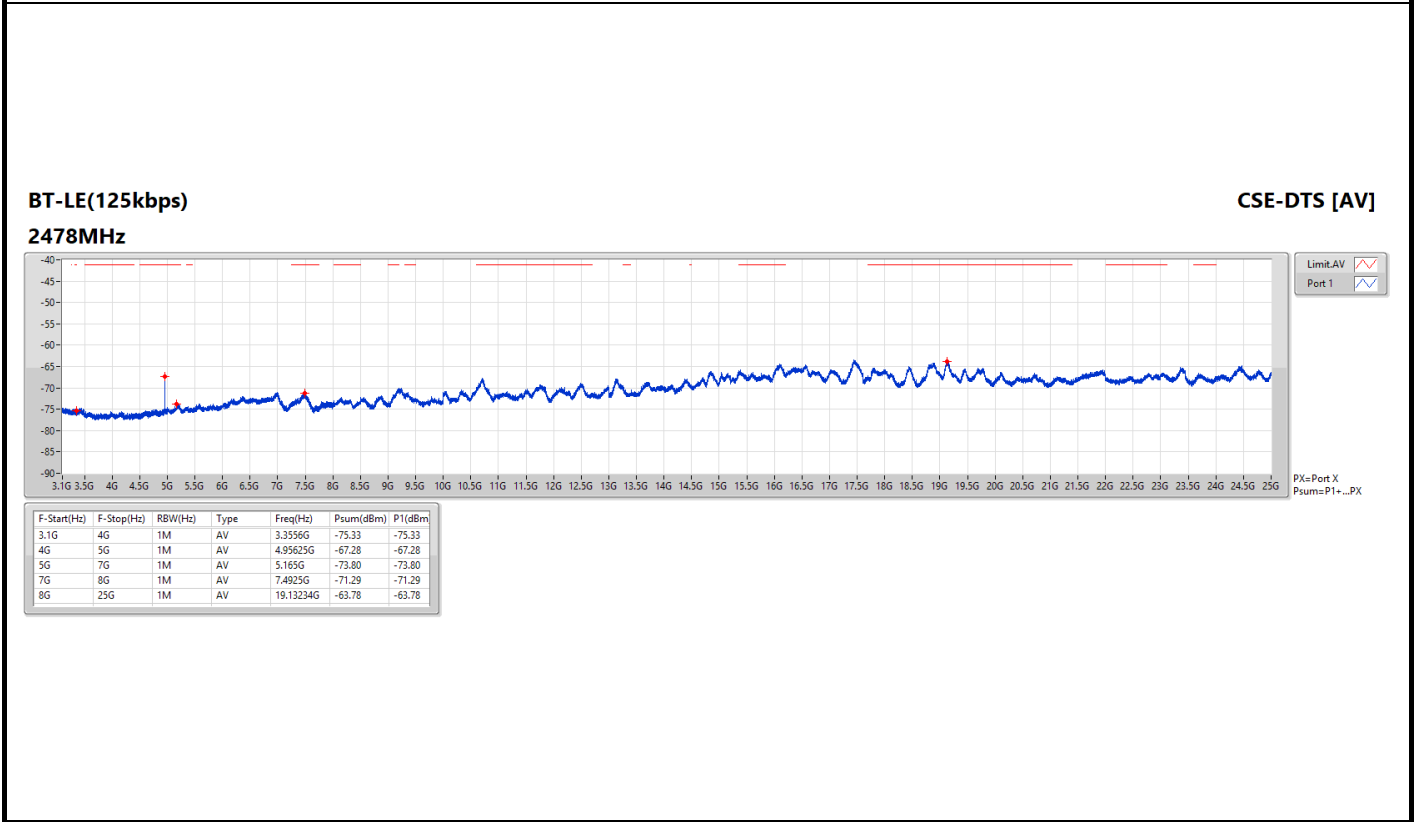
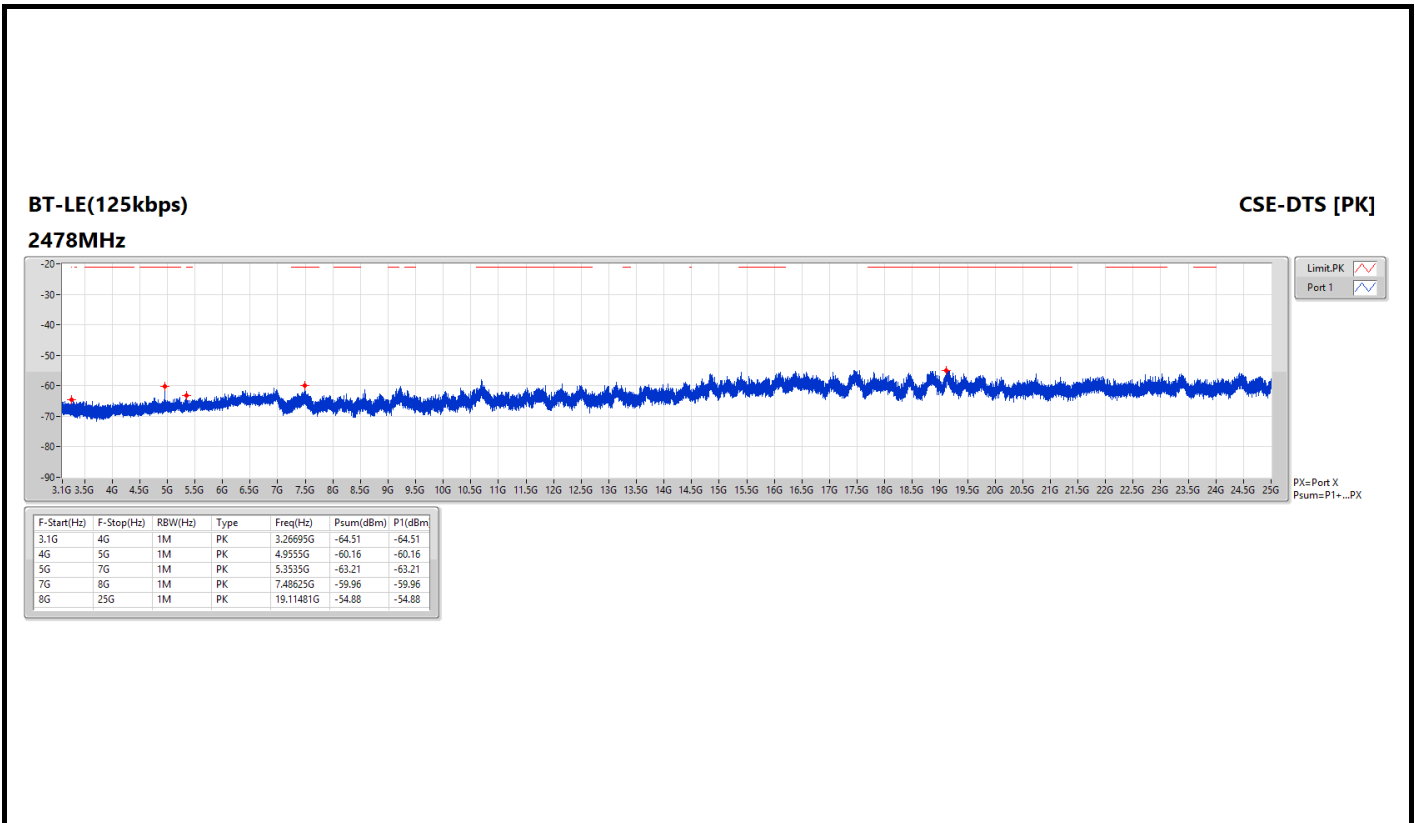


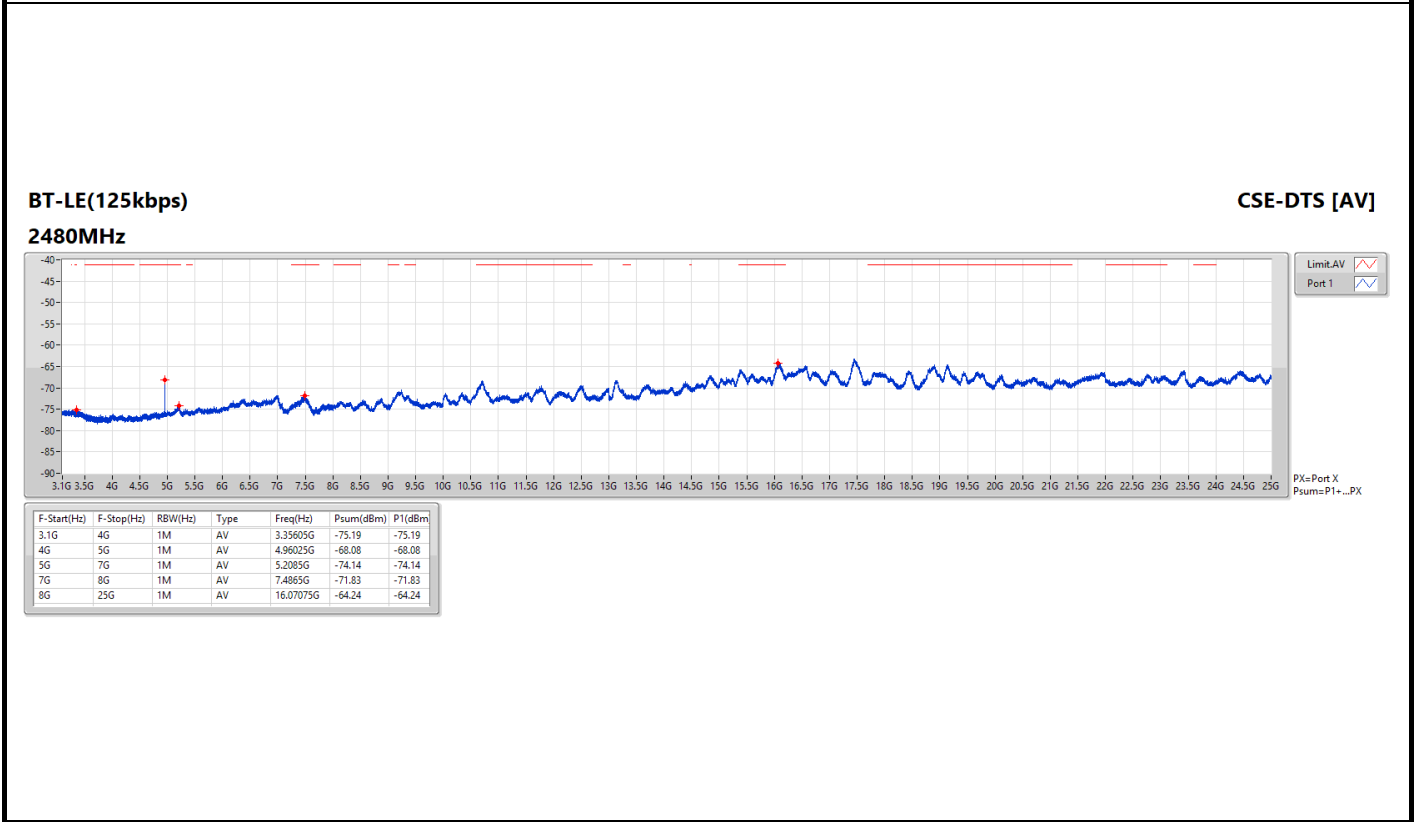
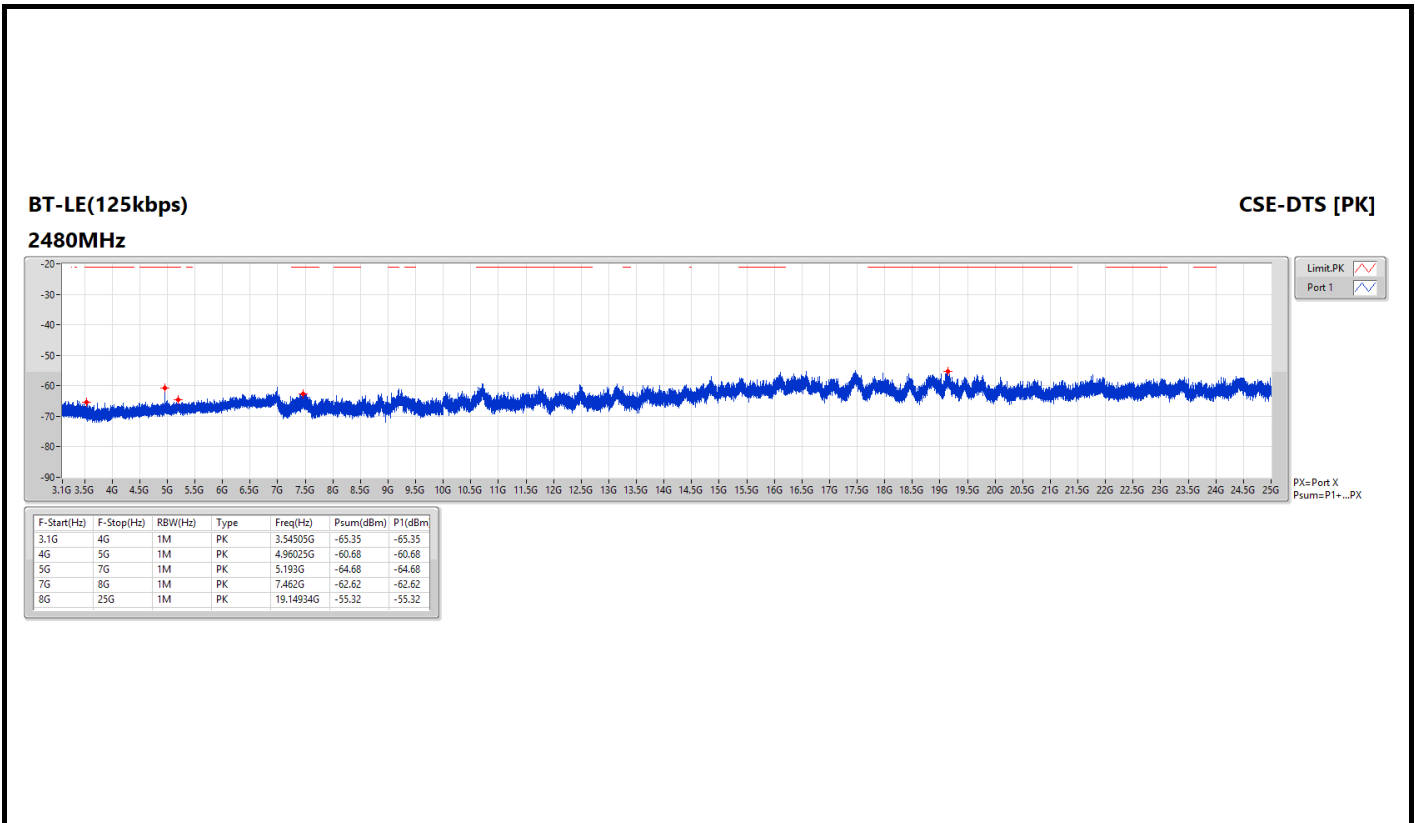
| Mode | Result | F-Start (Hz) | F-Stop (Hz) | Type | Freq (Hz) | DG (dBi) | Psum (dBm) | EIRP (dBm) | Limit (dBm) | Margin (dB) |
|---------|--------|--------------|-------------|------|-----------|----------|------------|------------|-------------|-------------|
| 2478MHz | Pass | 8G | 25G | PK | 19.16953G | 2.00 | -54.92 | -52.92 | -21.20 | -31.72 |

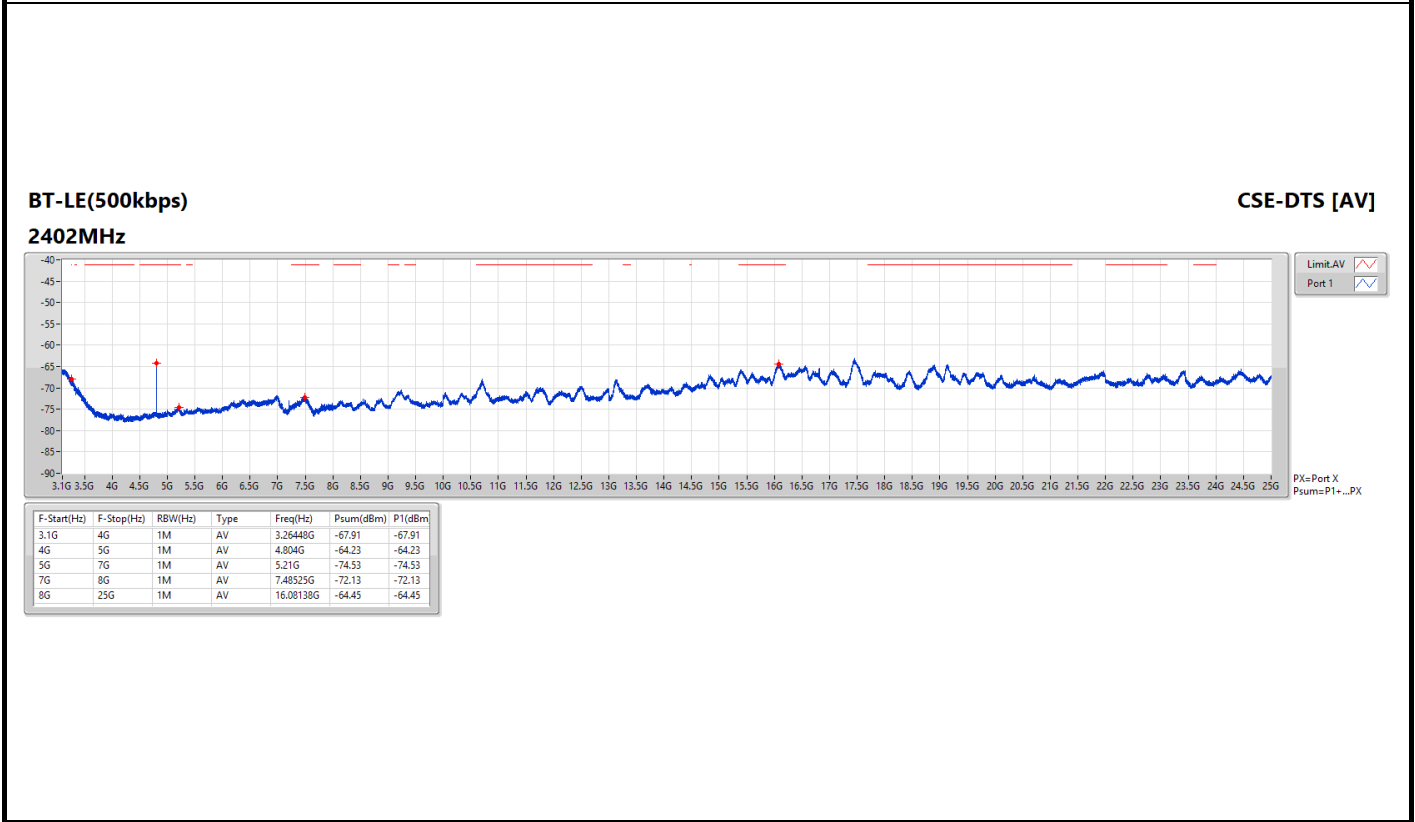
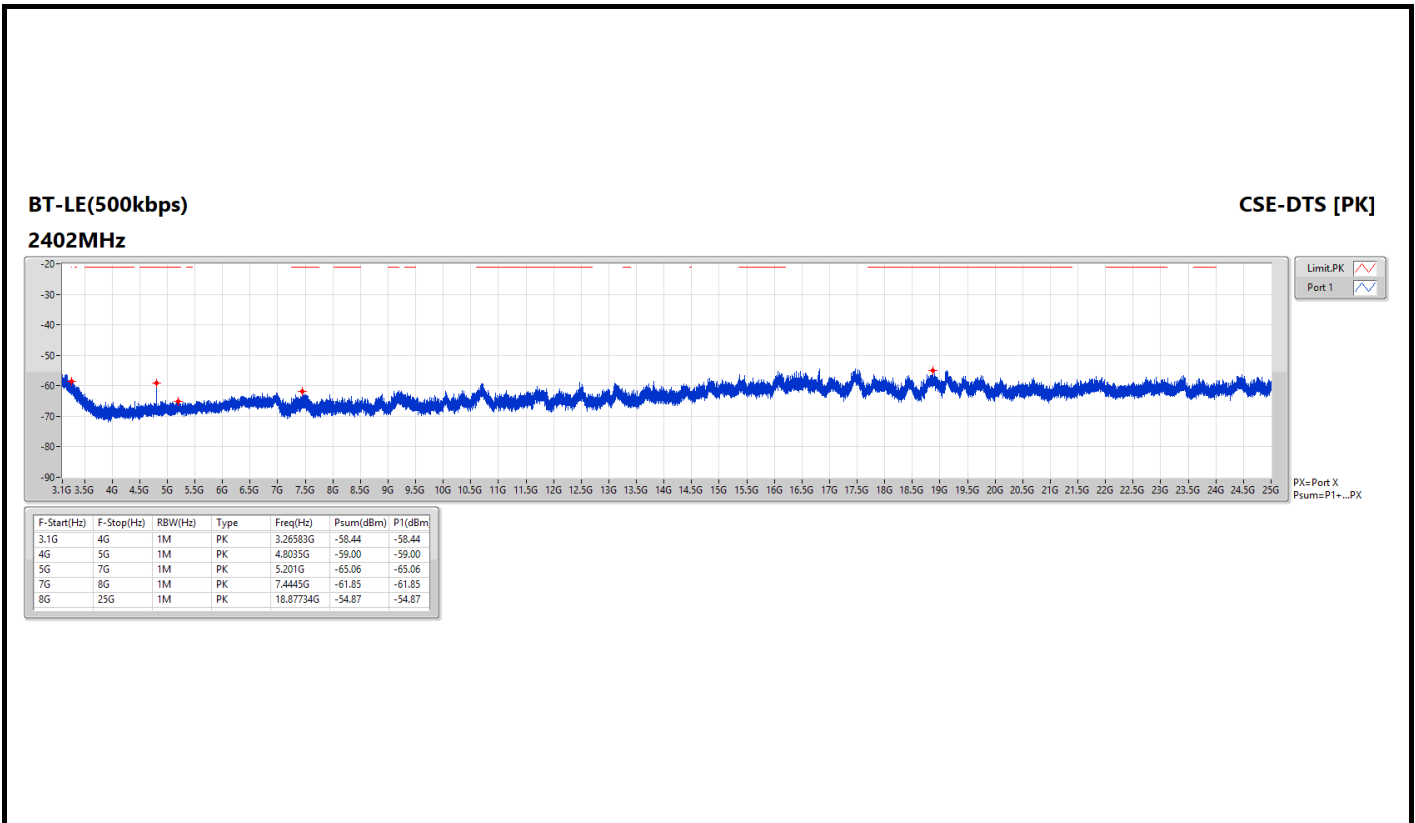
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

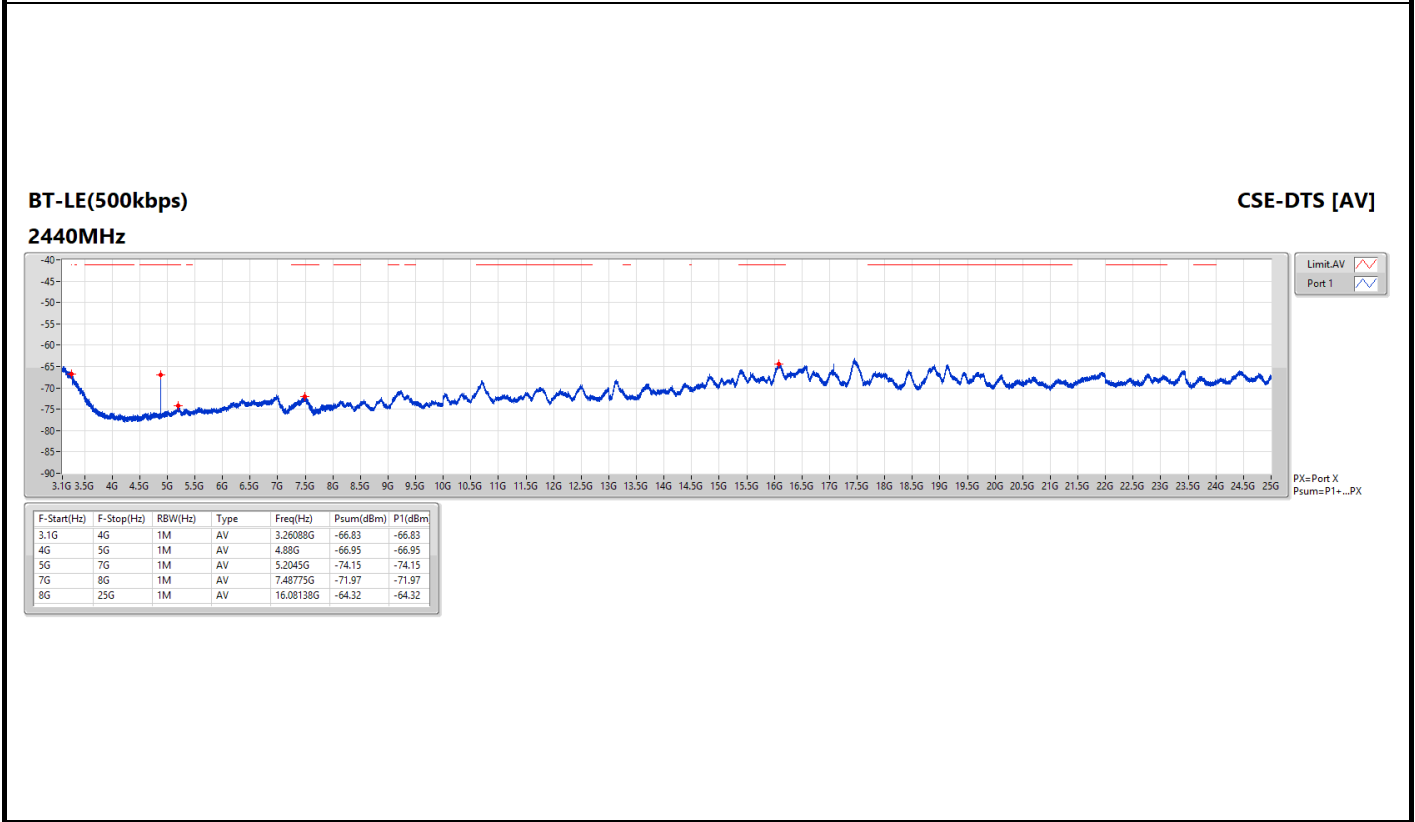
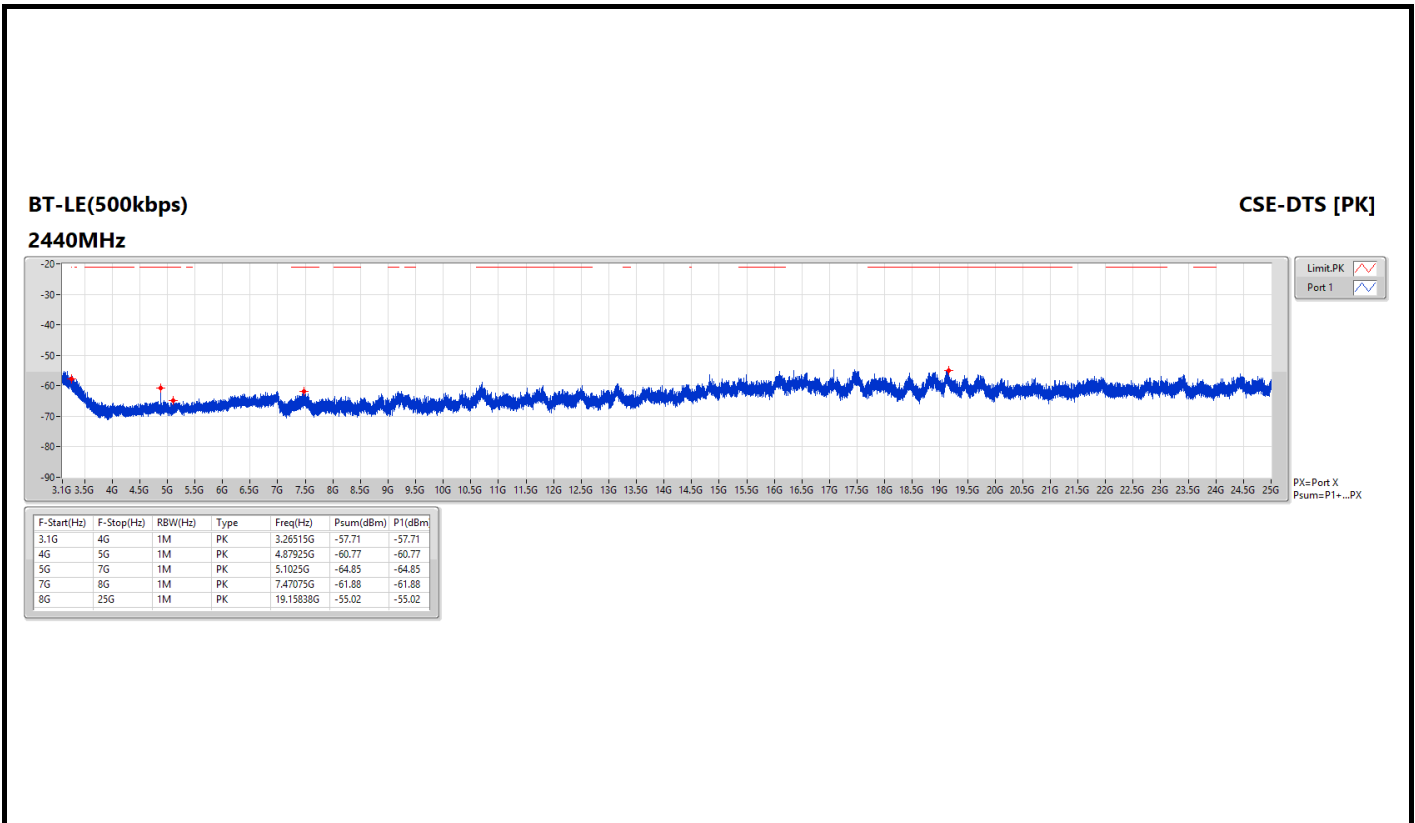








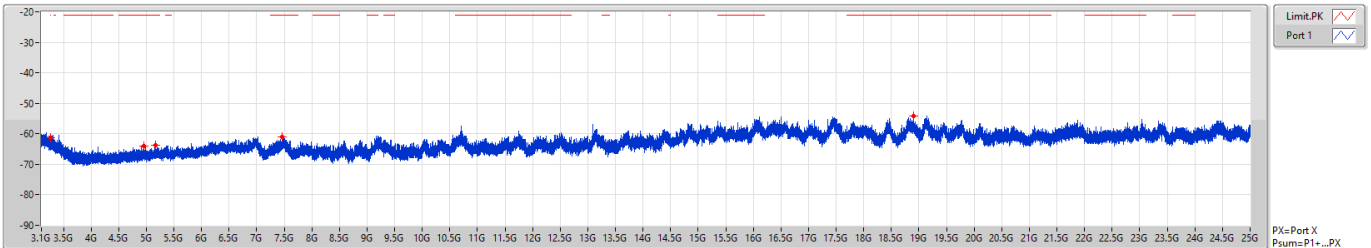






BT-LE(500kbps)
2478MHz

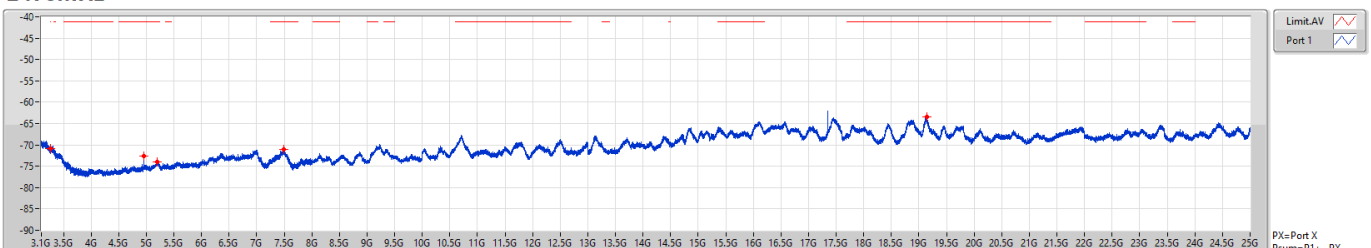
CSE-DTS [PK]



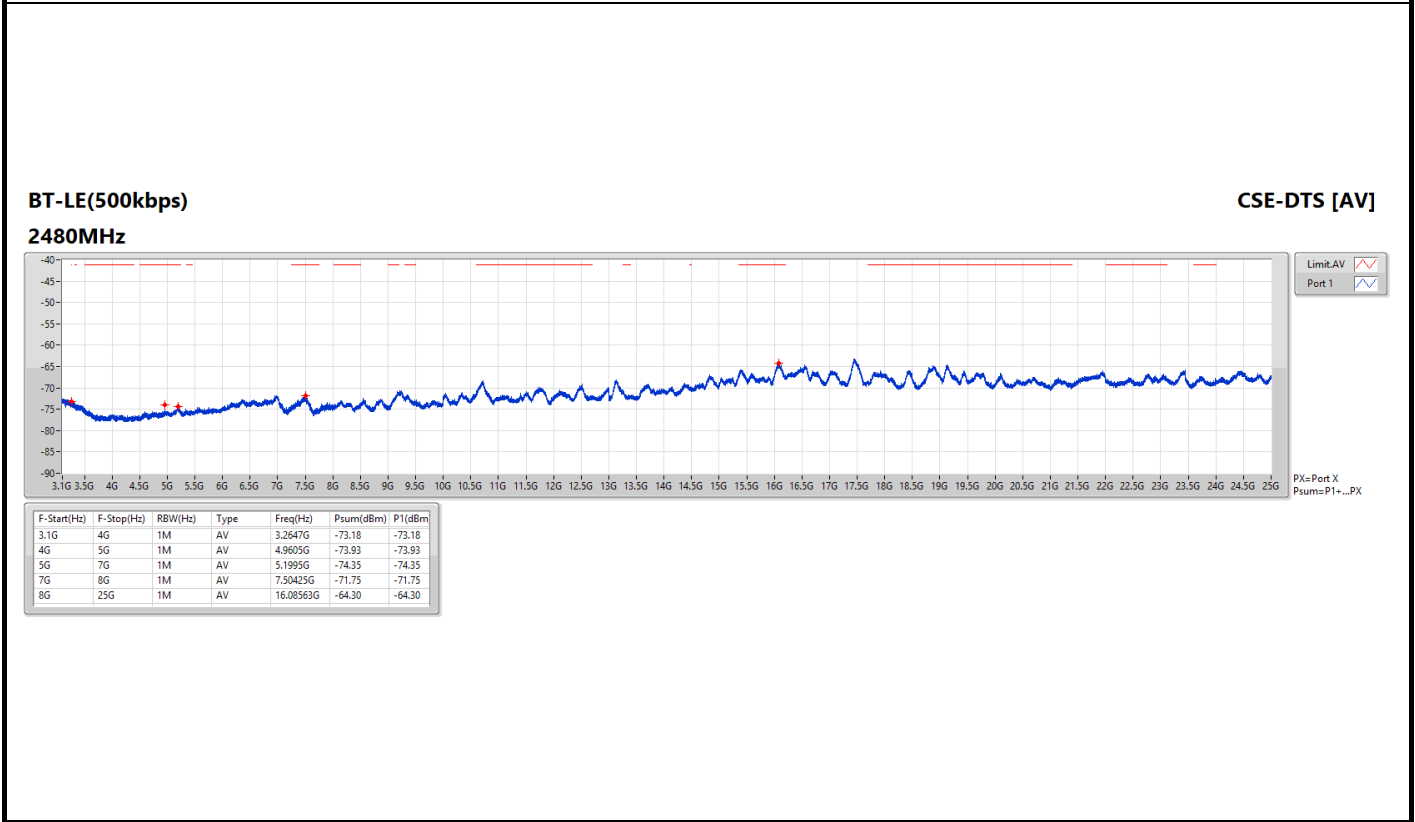
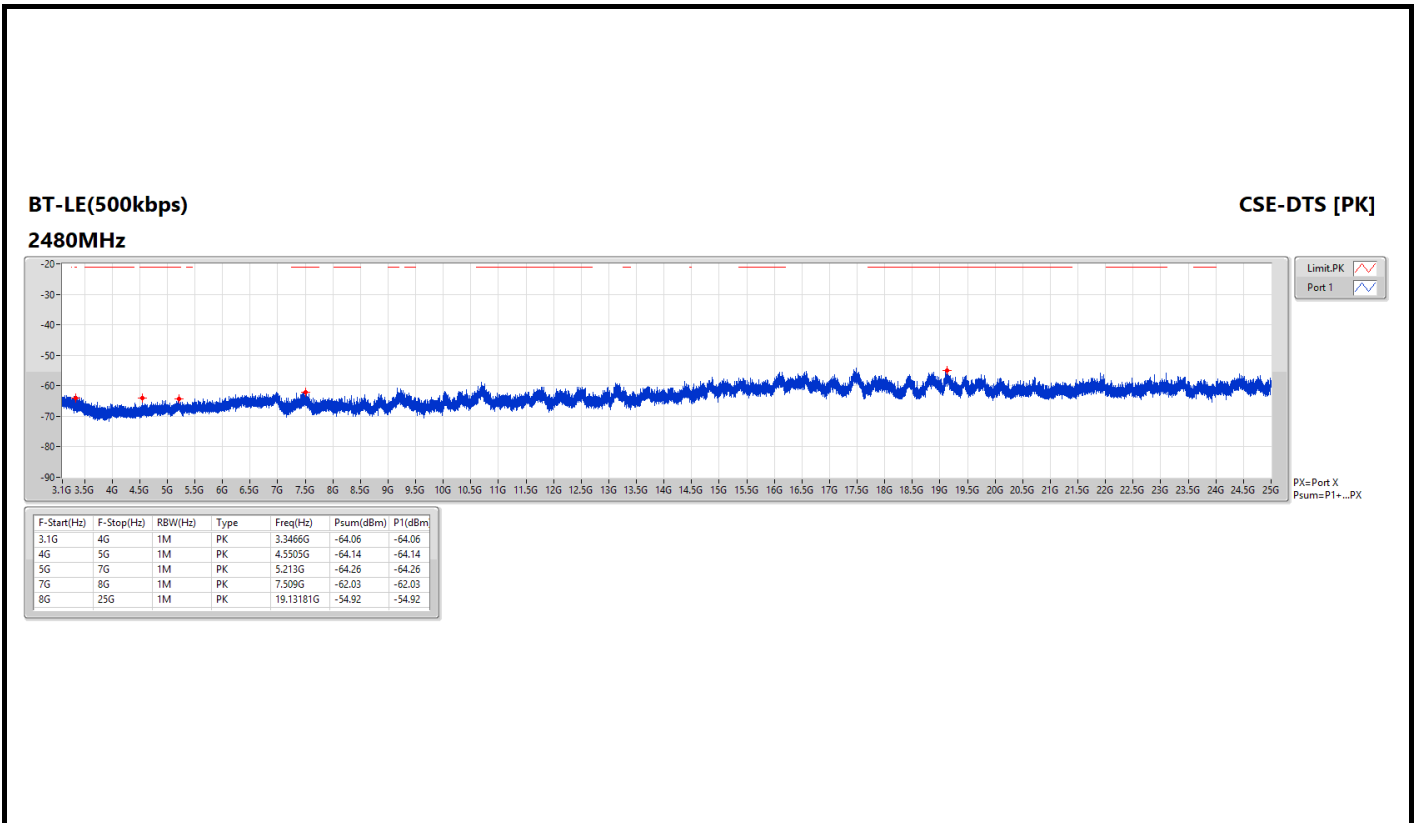
| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|-----------|-----------|---------|
| 3.1G | 4G | 1M | PK | 3.26335G | -61.37 | -61.37 |
| 4G | 5G | 1M | PK | 4.9555G | -63.96 | -63.96 |
| 5G | 7G | 1M | PK | 5.1655G | -63.68 | -63.68 |
| 7G | 8G | 1M | PK | 7.4609G | -60.99 | -60.99 |
| 8G | 25G | 1M | PK | 18.90603G | -54.07 | -54.07 |

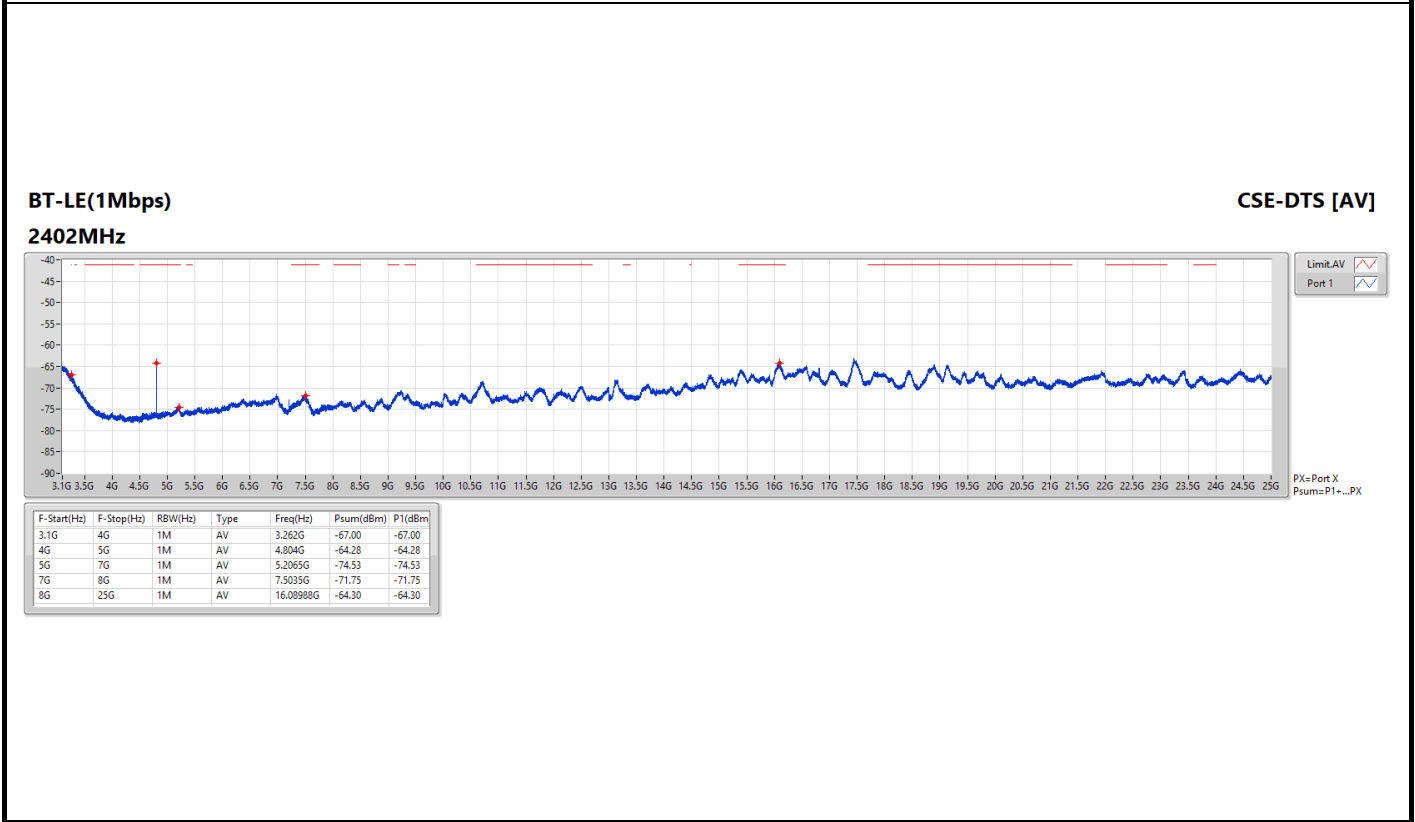
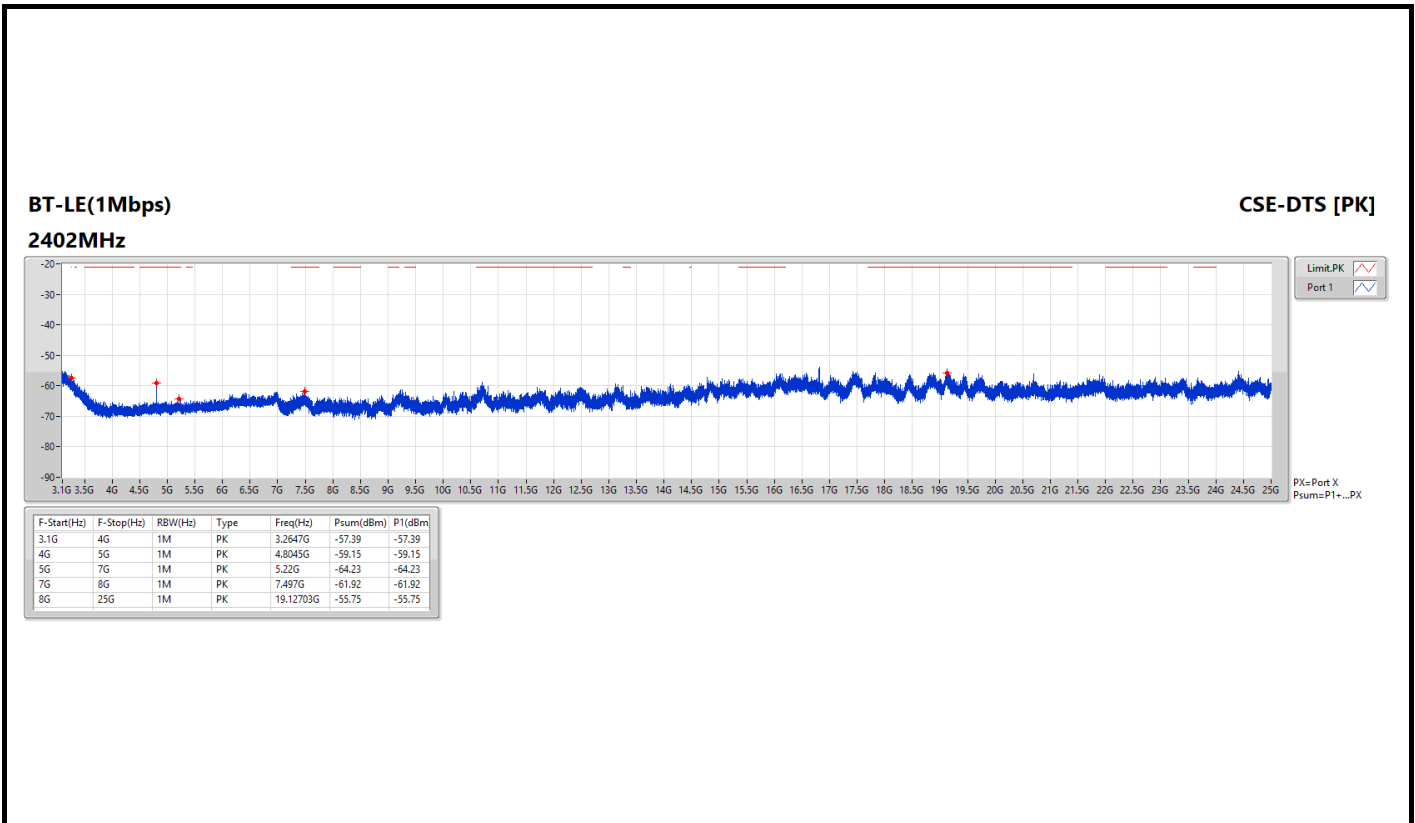
BT-LE(500kbps)
2478MHz

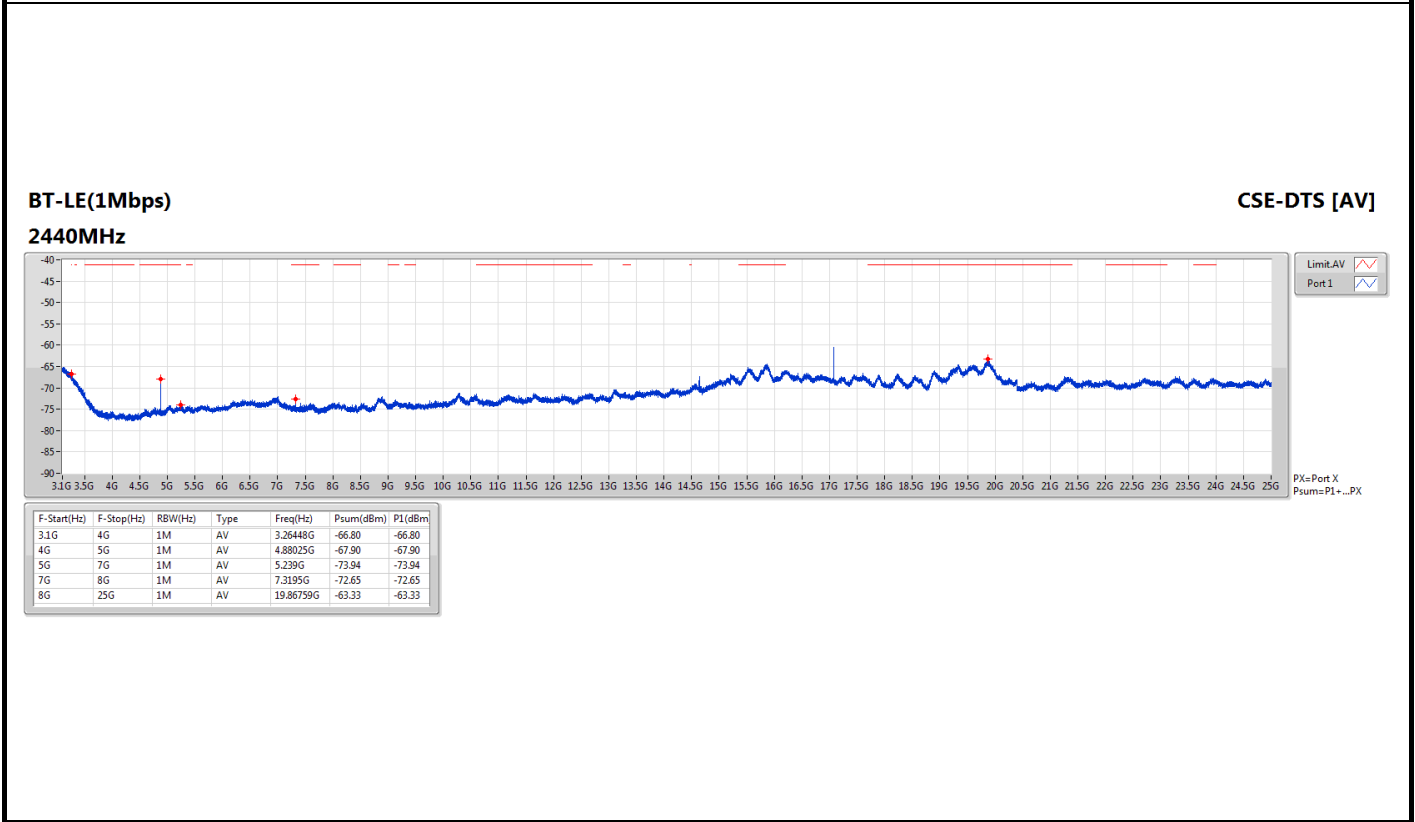
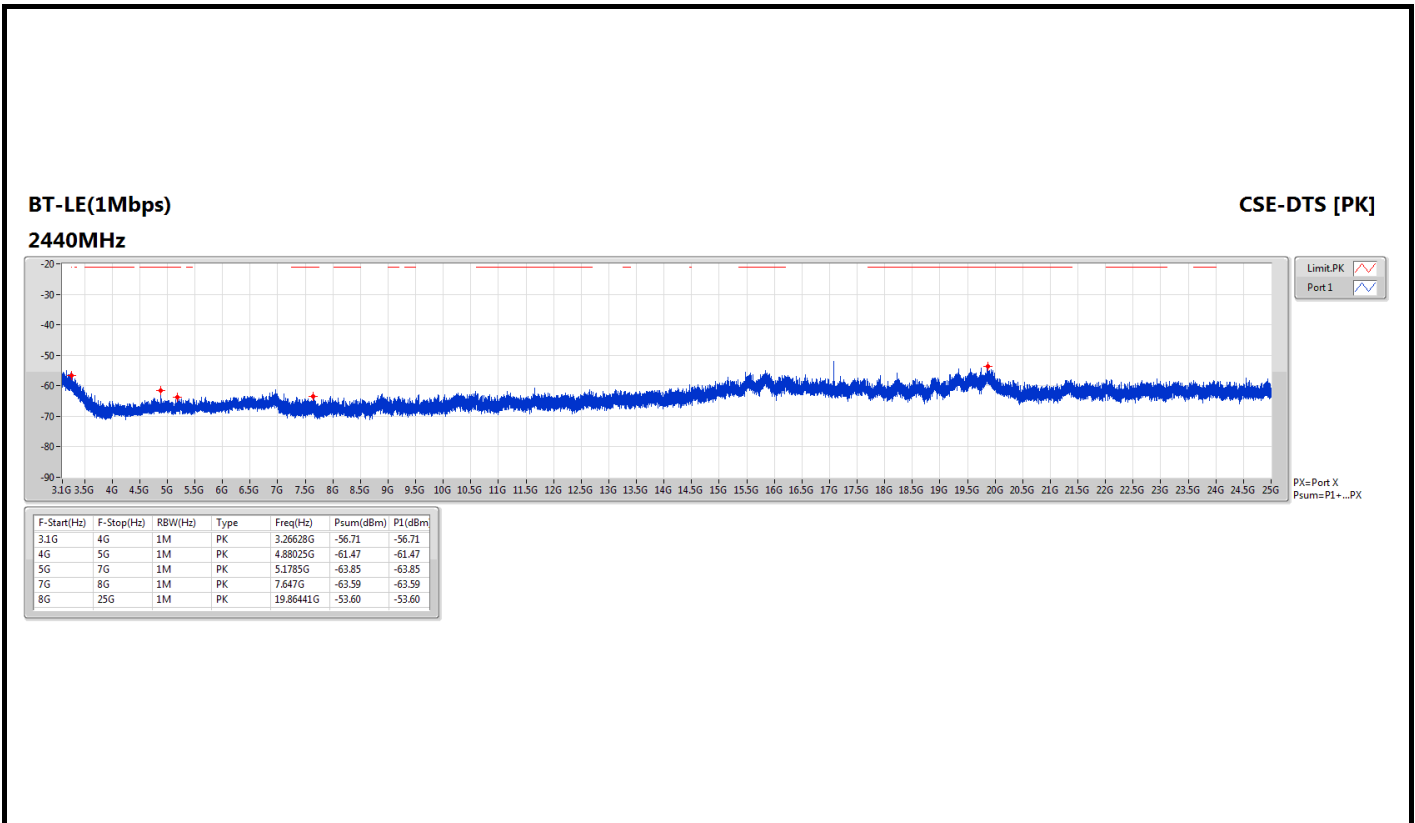
CSE-DTS [AV]

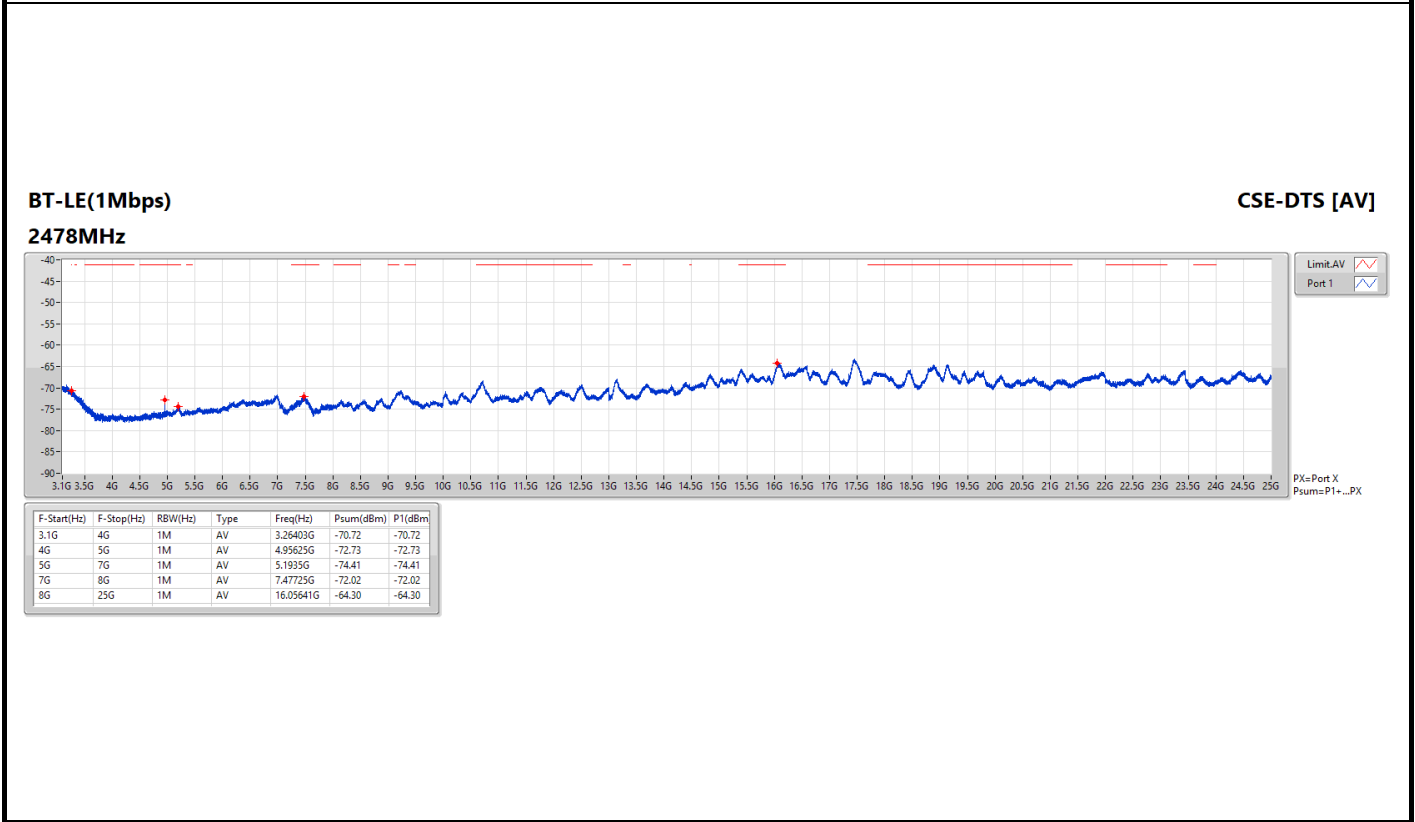
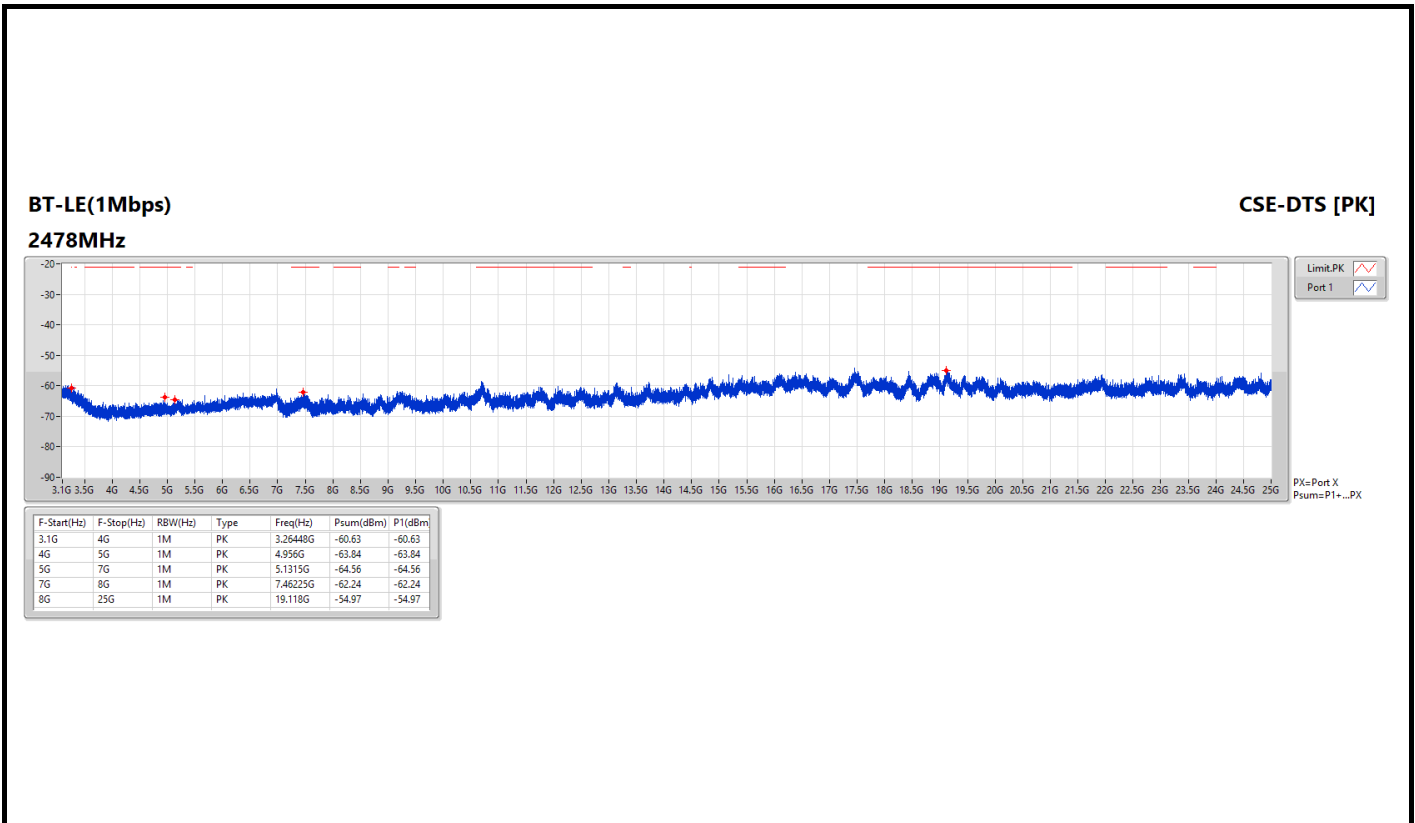


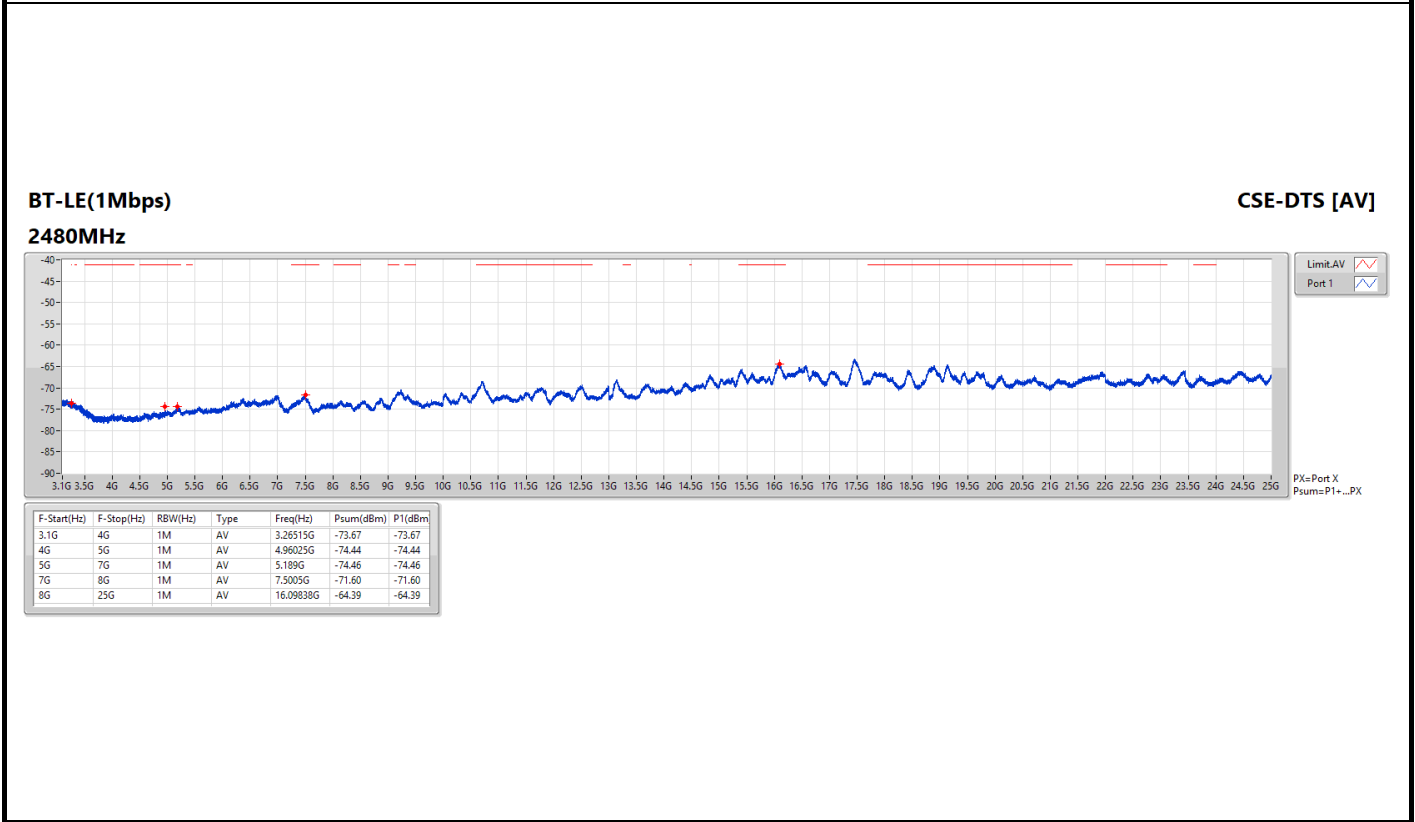
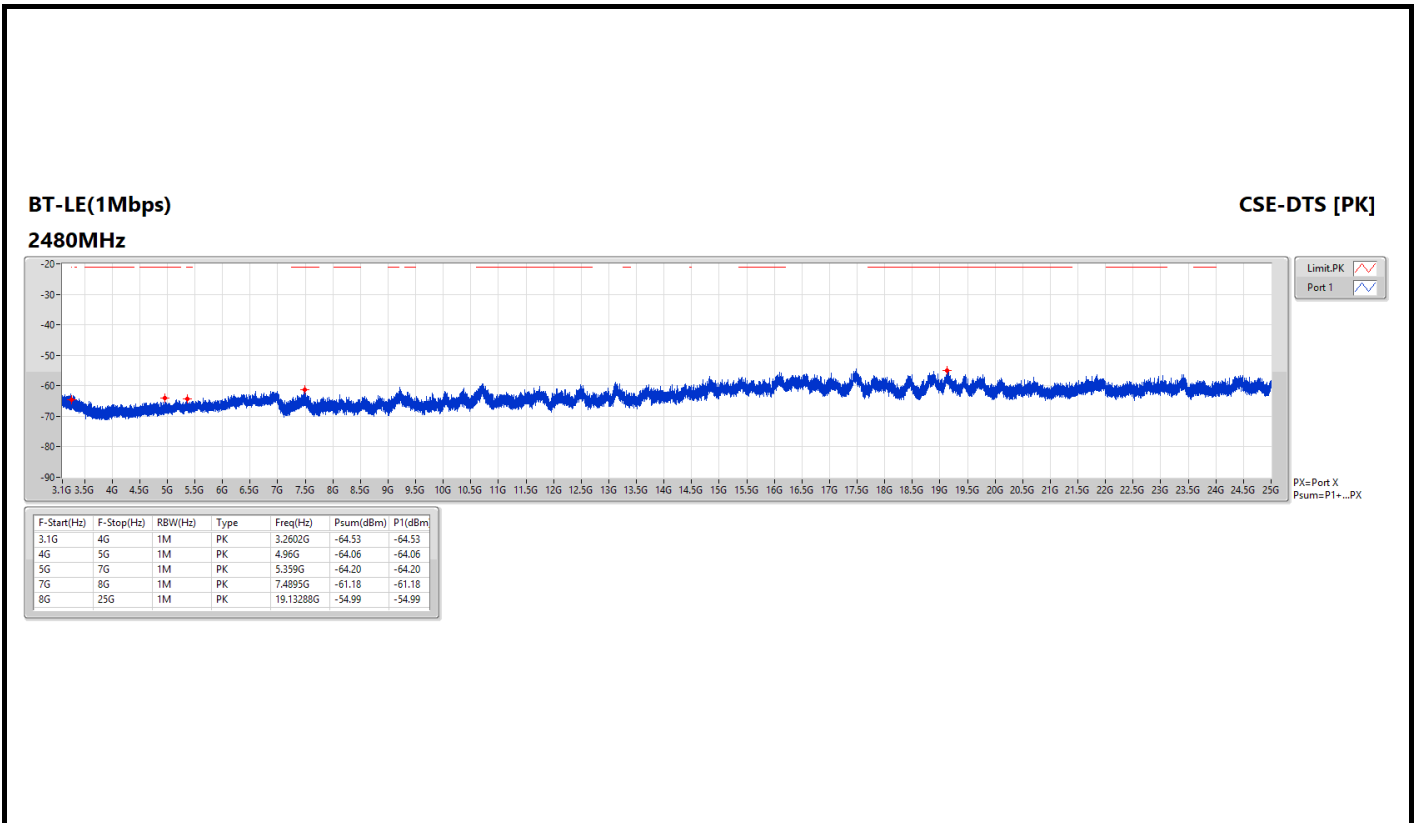
| F-Start(Hz) | F-Stop(Hz) | RBW(Hz) | Type | Freq(Hz) | Psum(dBm) | P1(dBm) |
|-------------|------------|---------|------|-----------|-----------|---------|
| 3.1G | 4G | 1M | AV | 3.2665G | -70.80 | -70.80 |
| 4G | 5G | 1M | AV | 4.95625G | -72.67 | -72.67 |
| 5G | 7G | 1M | AV | 5.1975G | -73.91 | -73.91 |
| 7G | 8G | 1M | AV | 7.49425G | -71.00 | -71.00 |
| 8G | 25G | 1M | AV | 19.14775G | -63.49 | -63.49 |

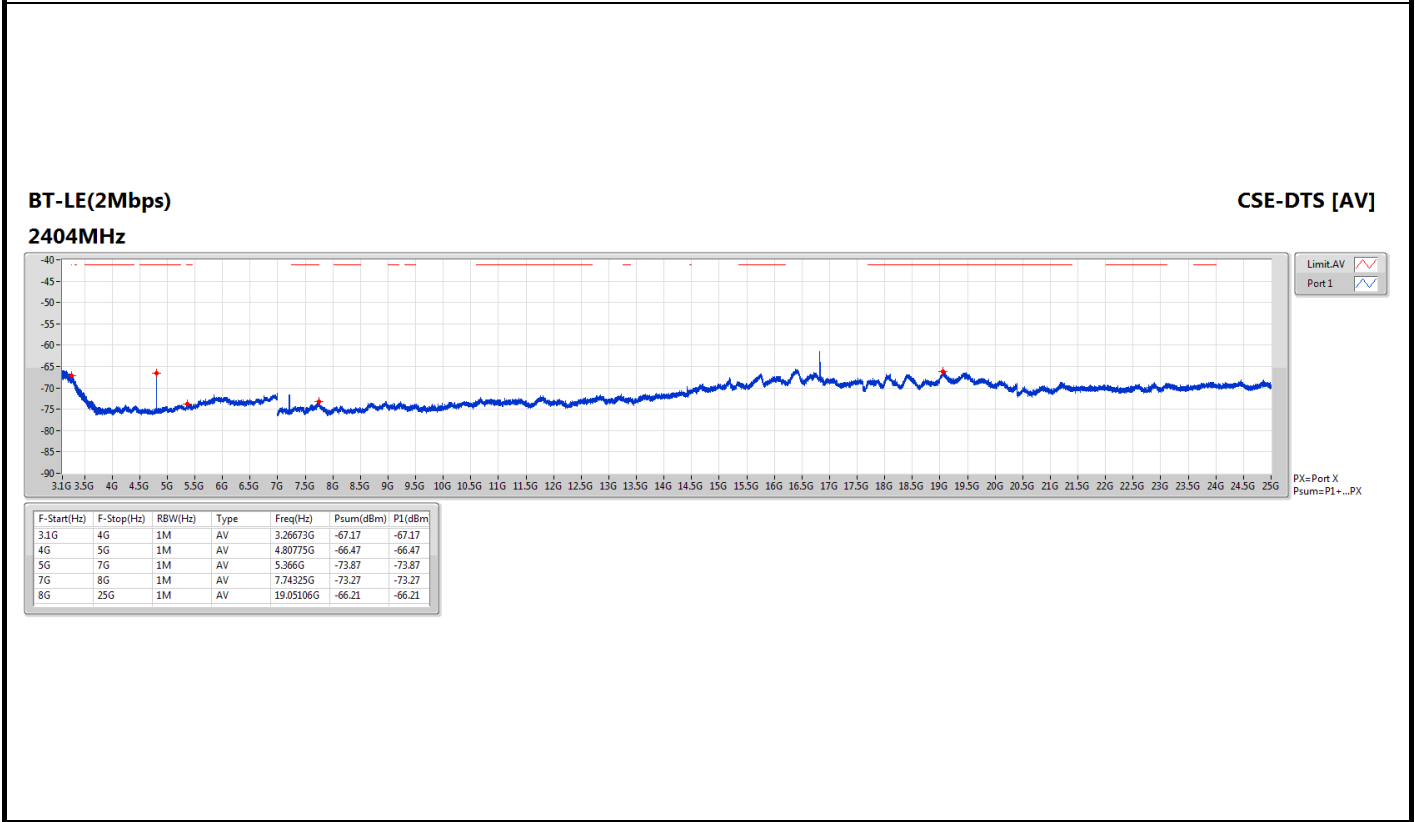
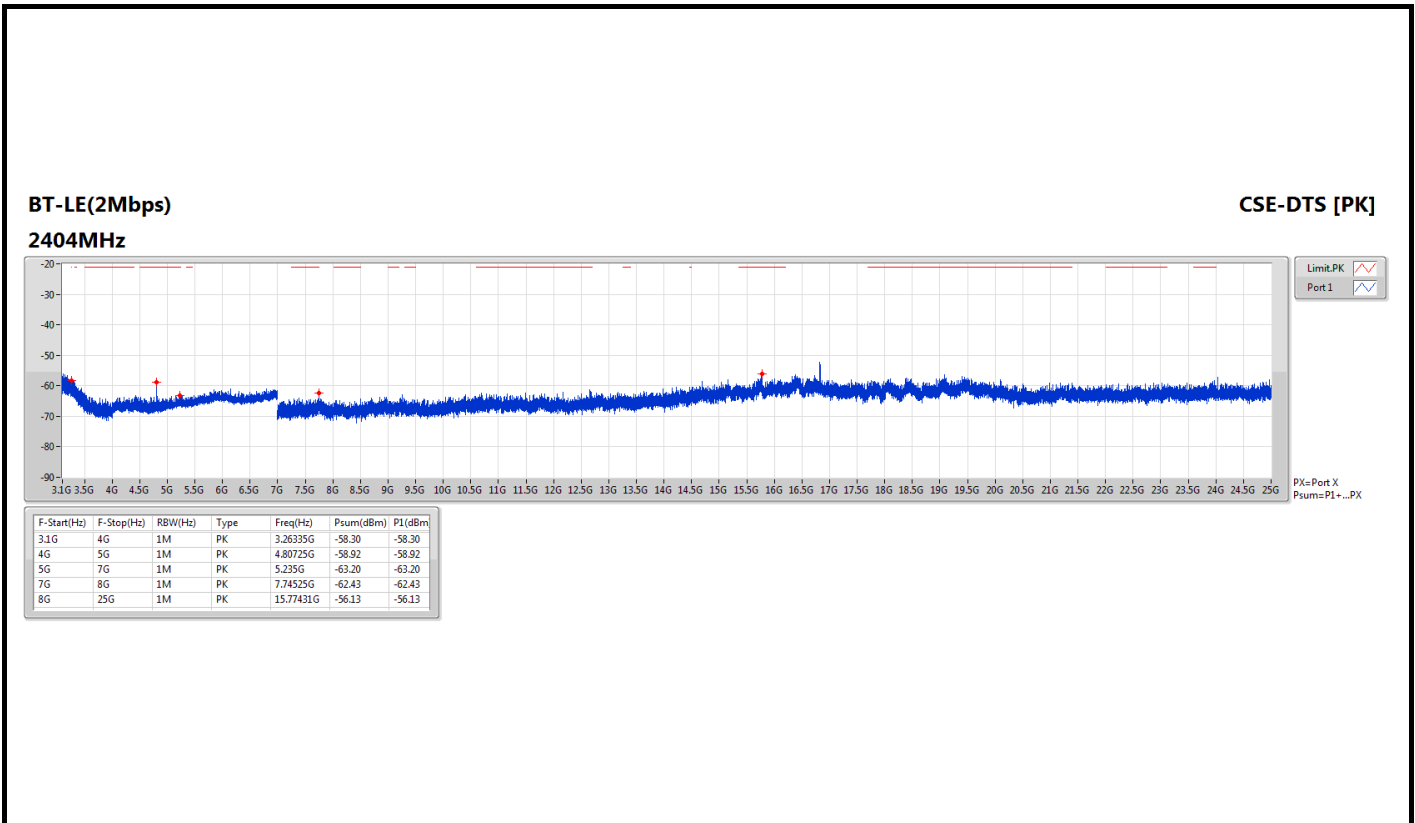


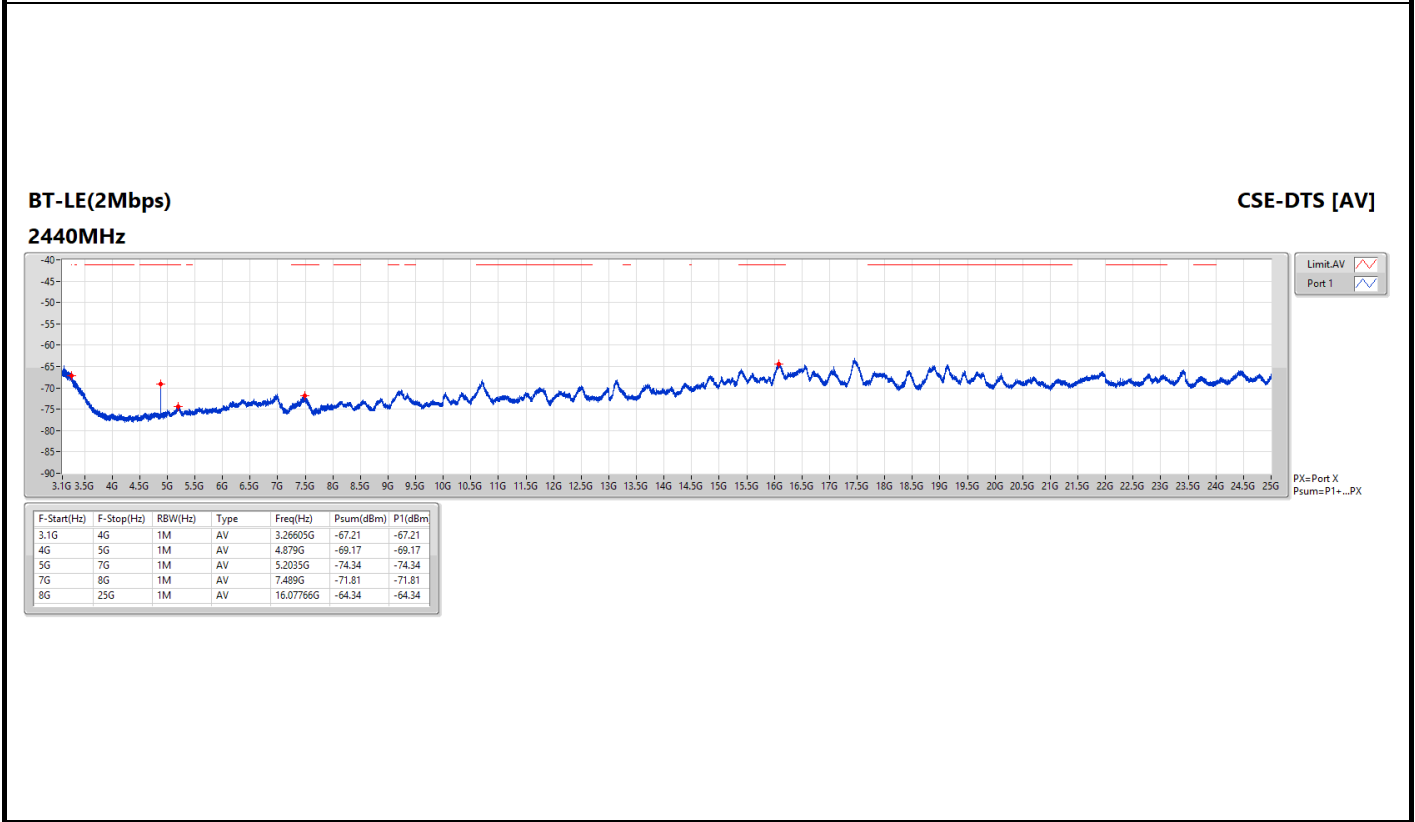
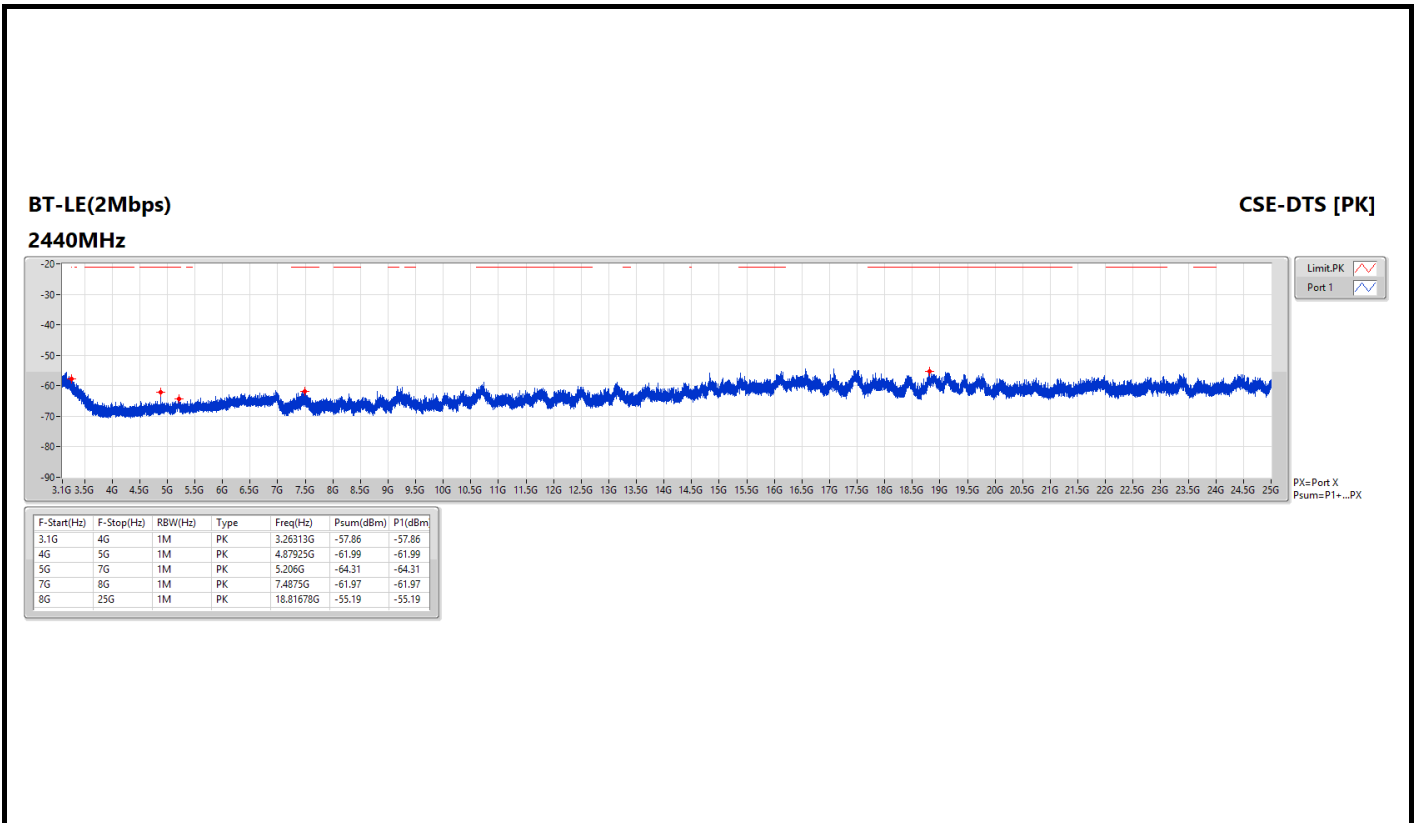


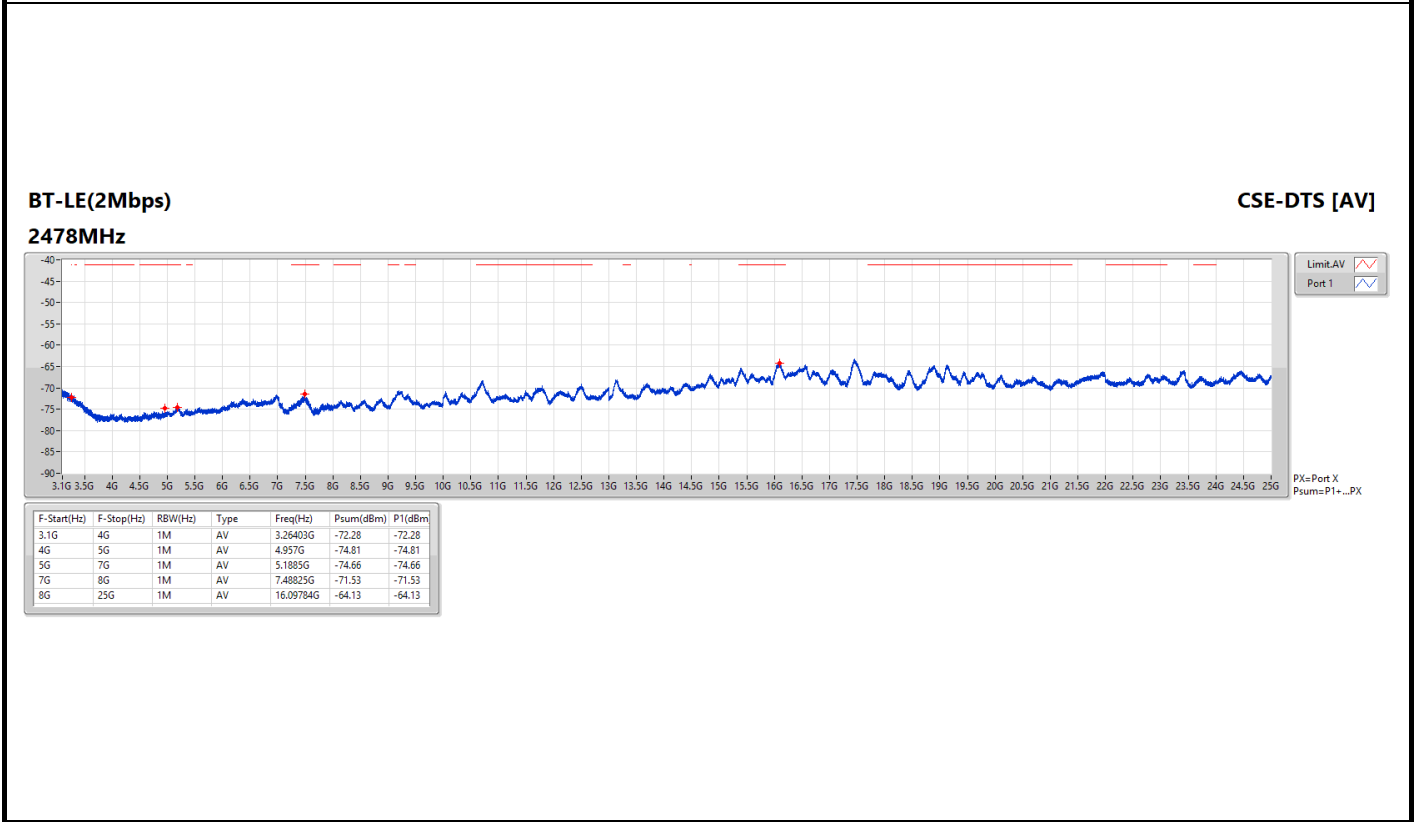
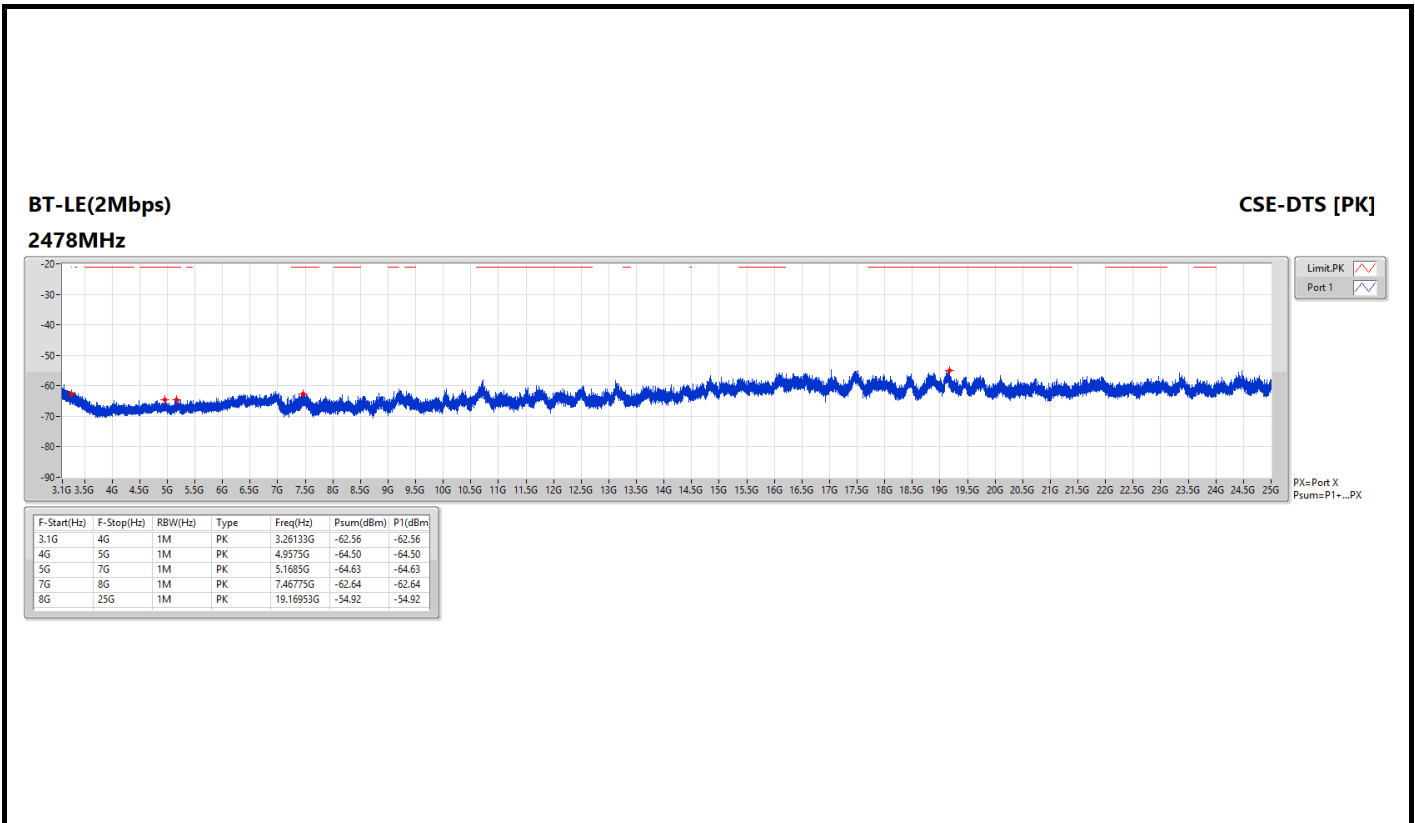






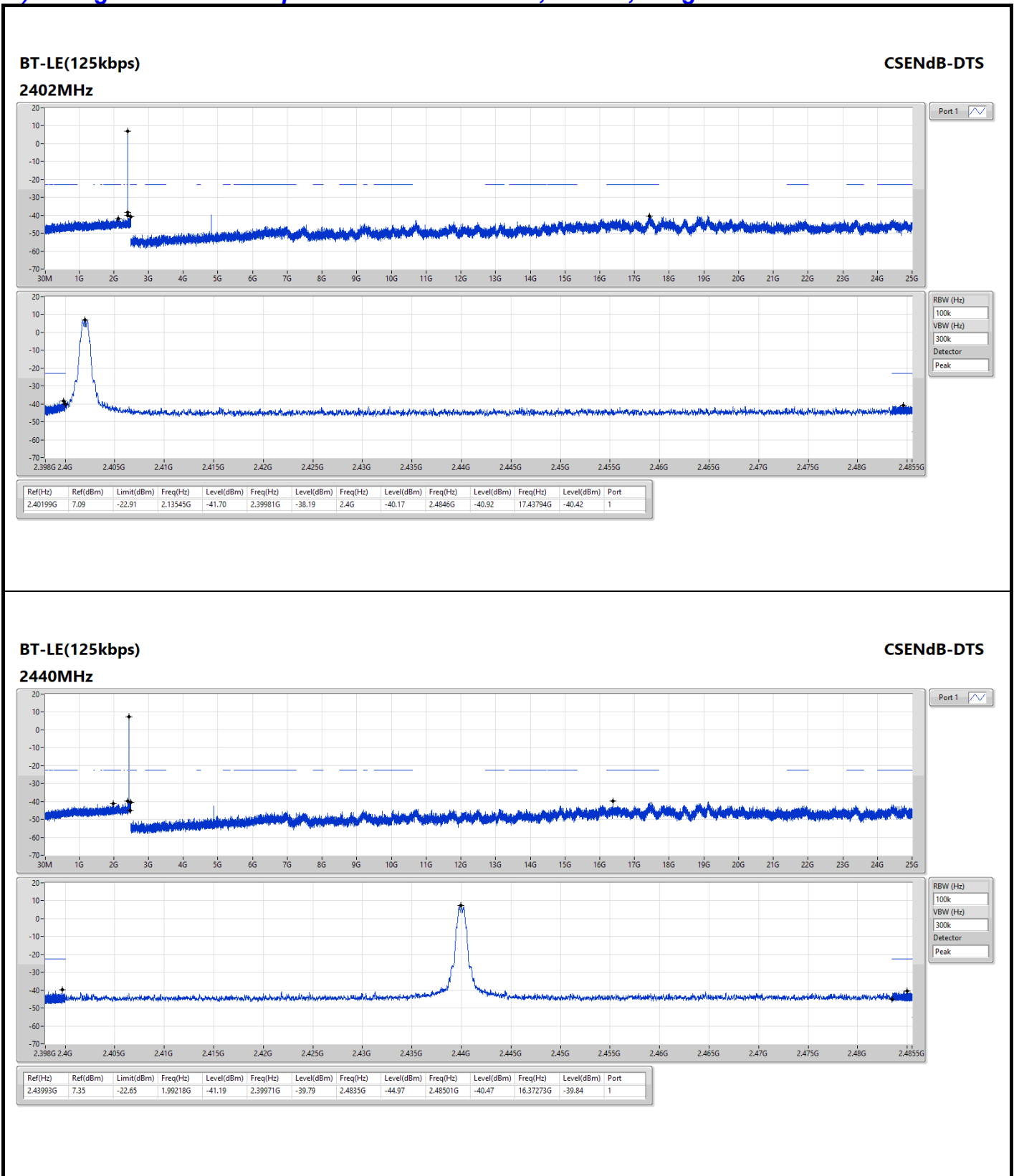








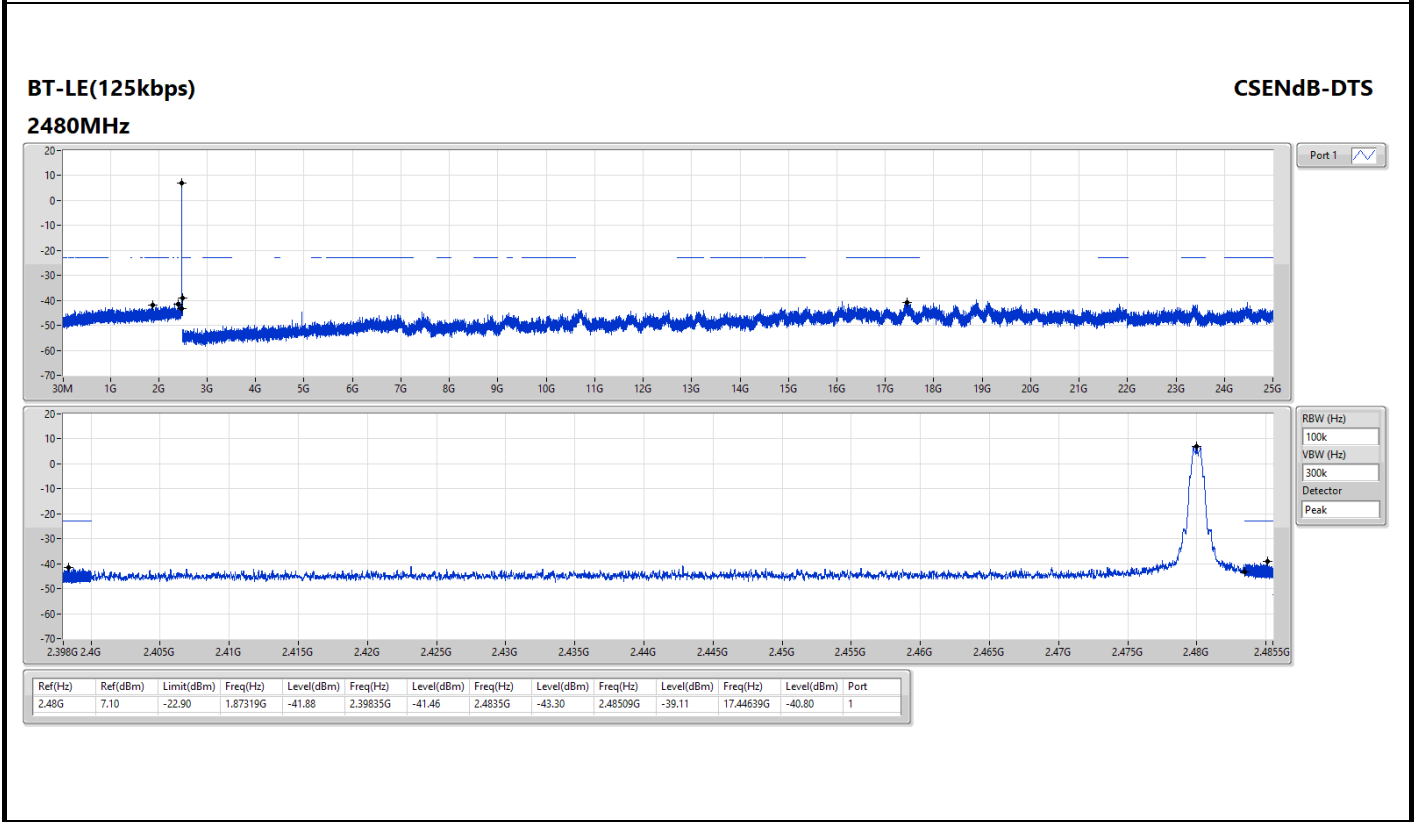
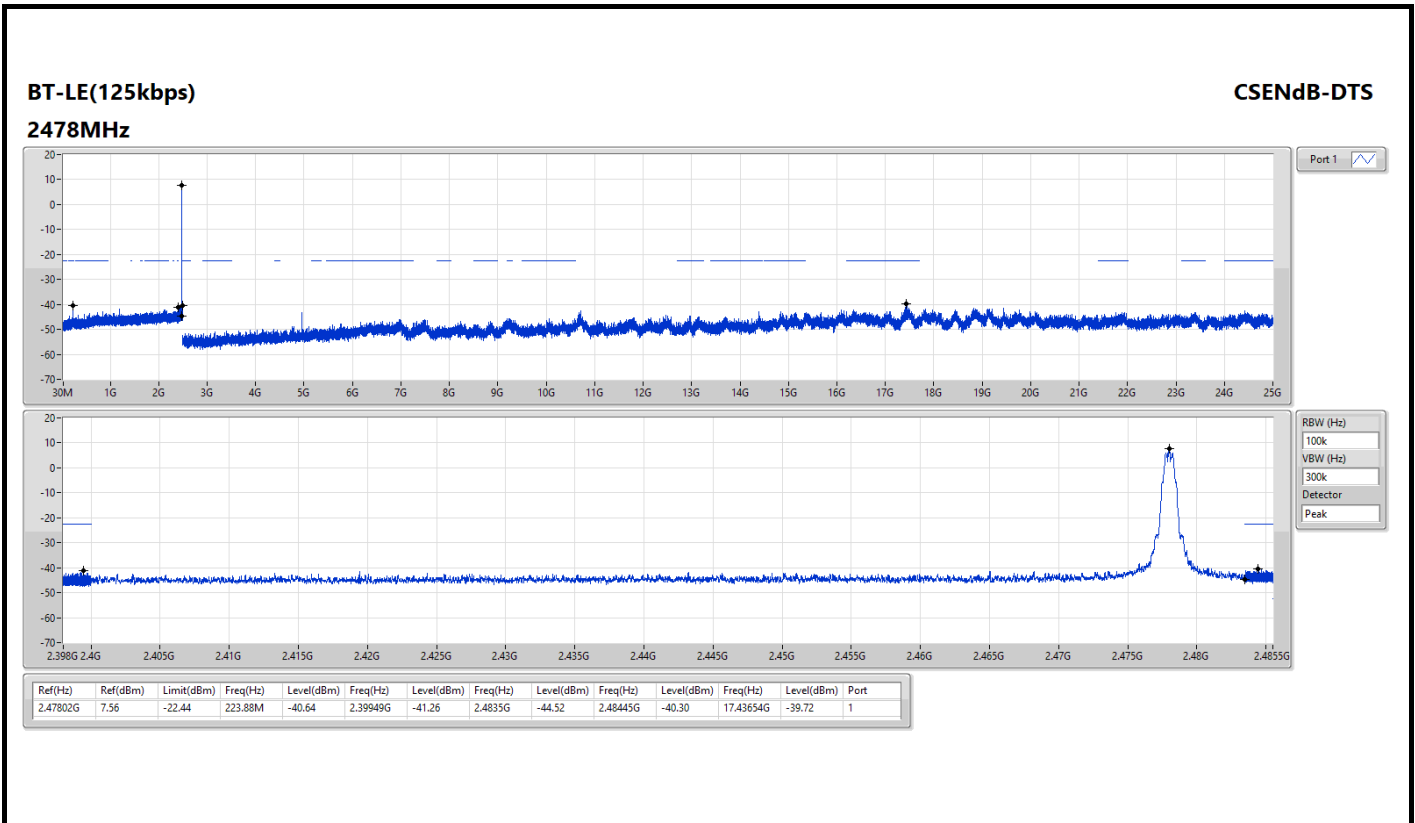
1) Configuration 1: Laird part number: 453-00142, 10dBm, Integrated Antenna

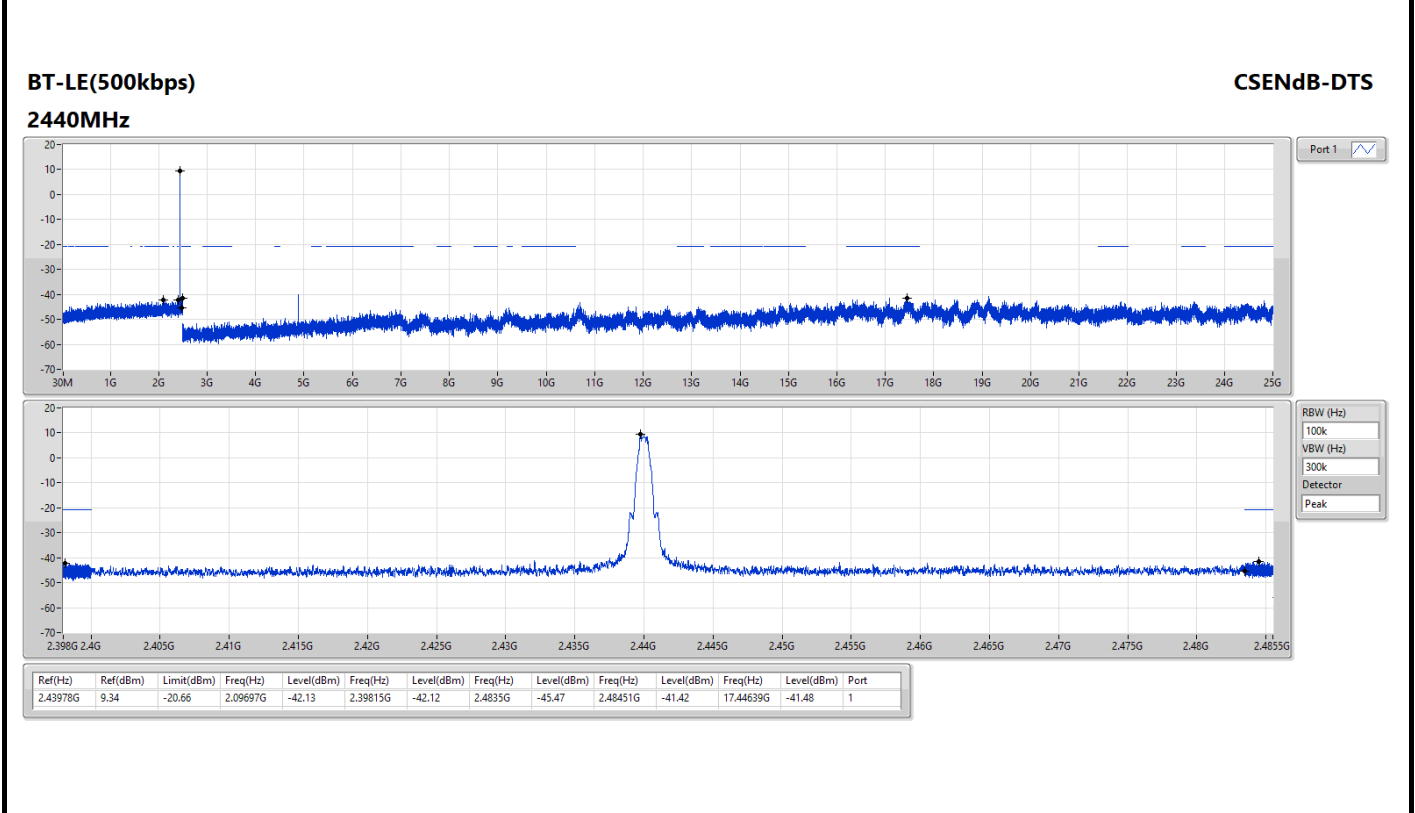
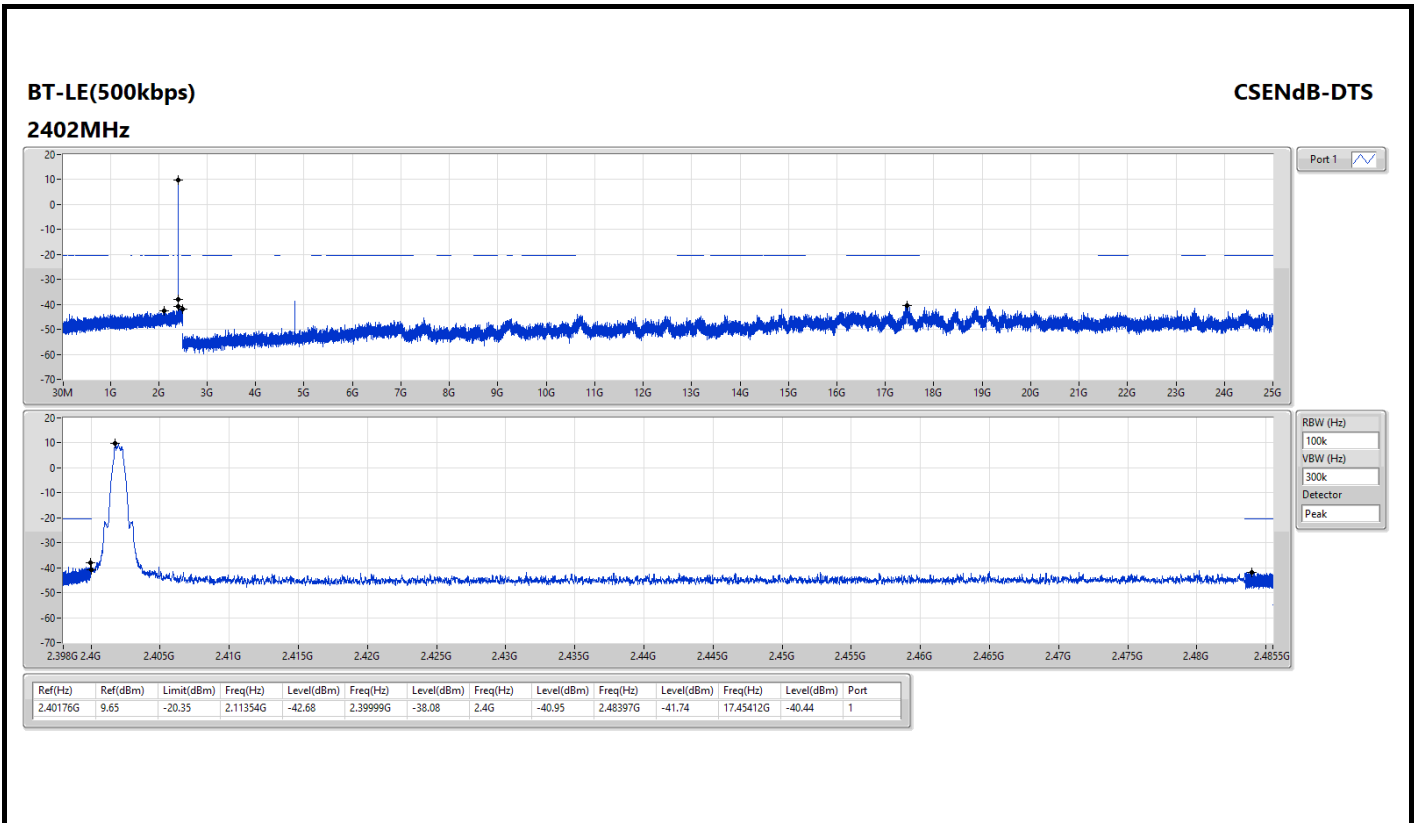


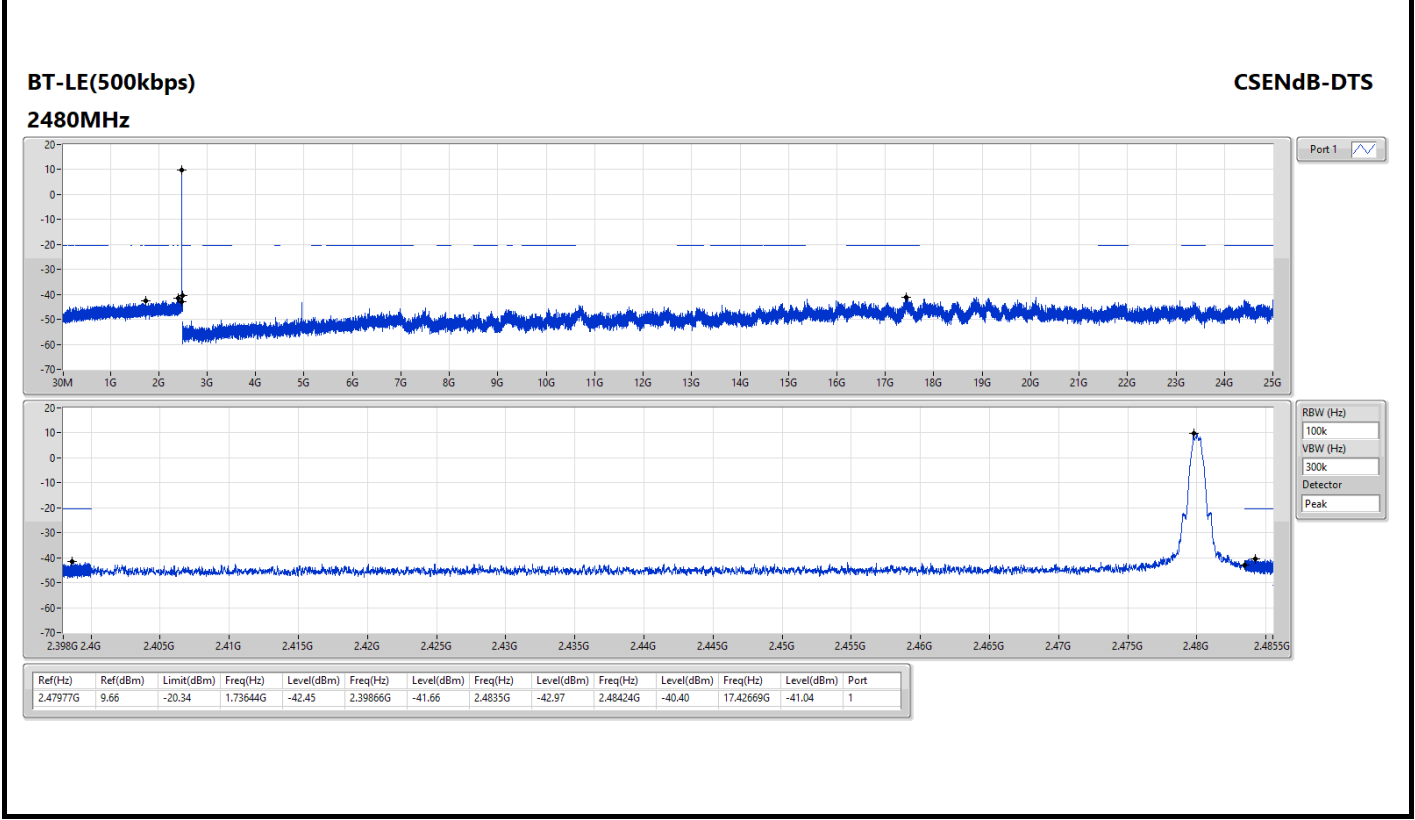
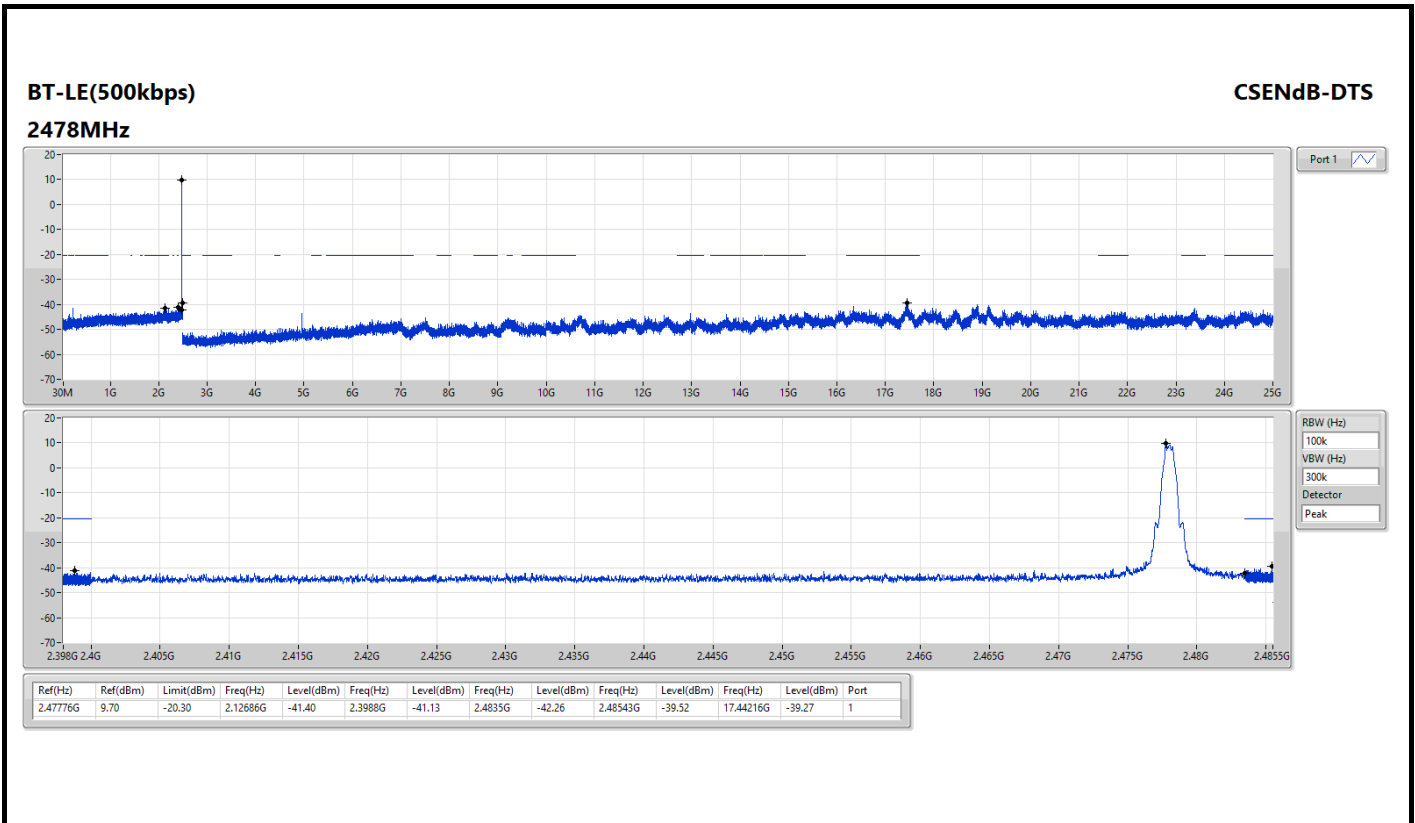
BT-LE(125kbps)

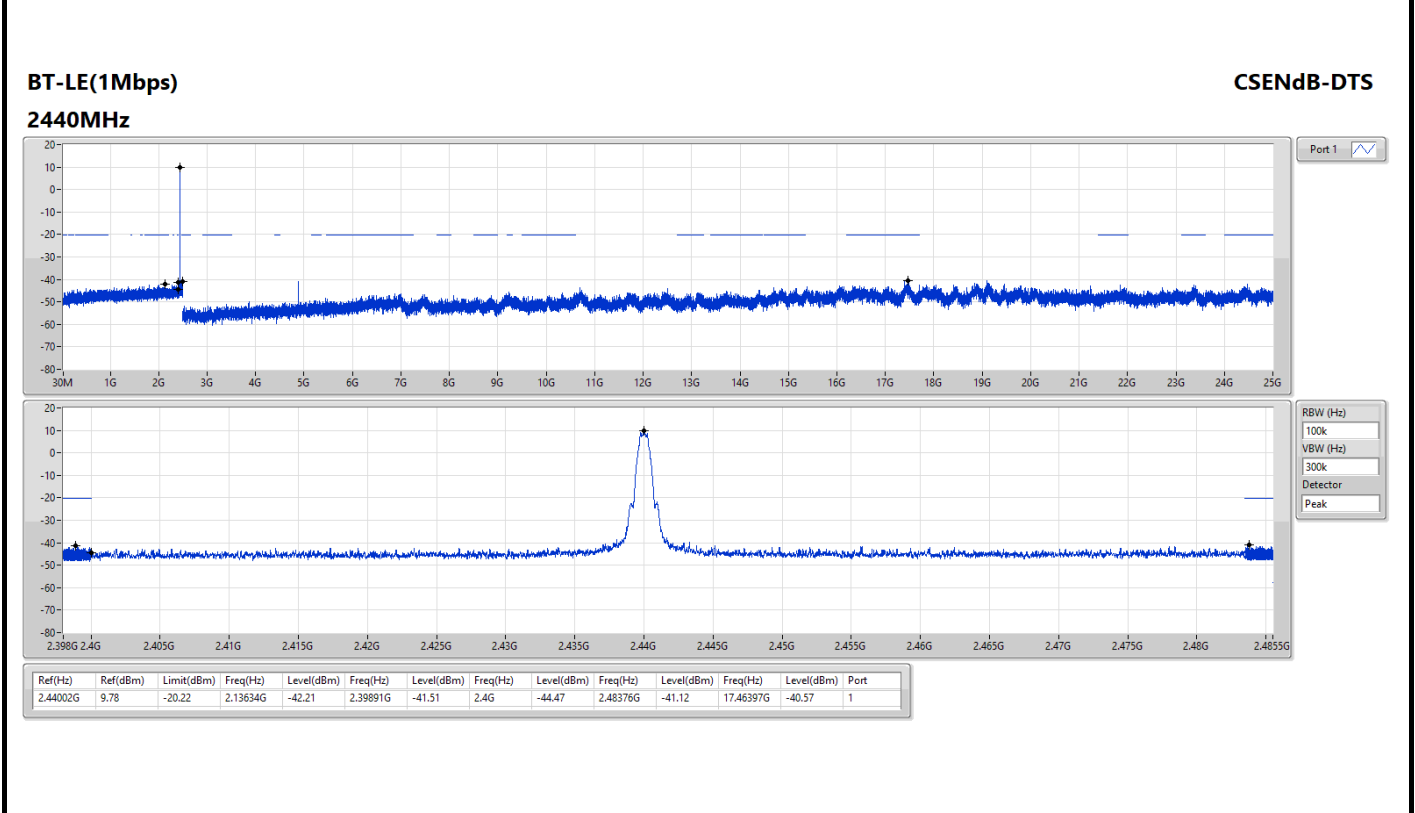
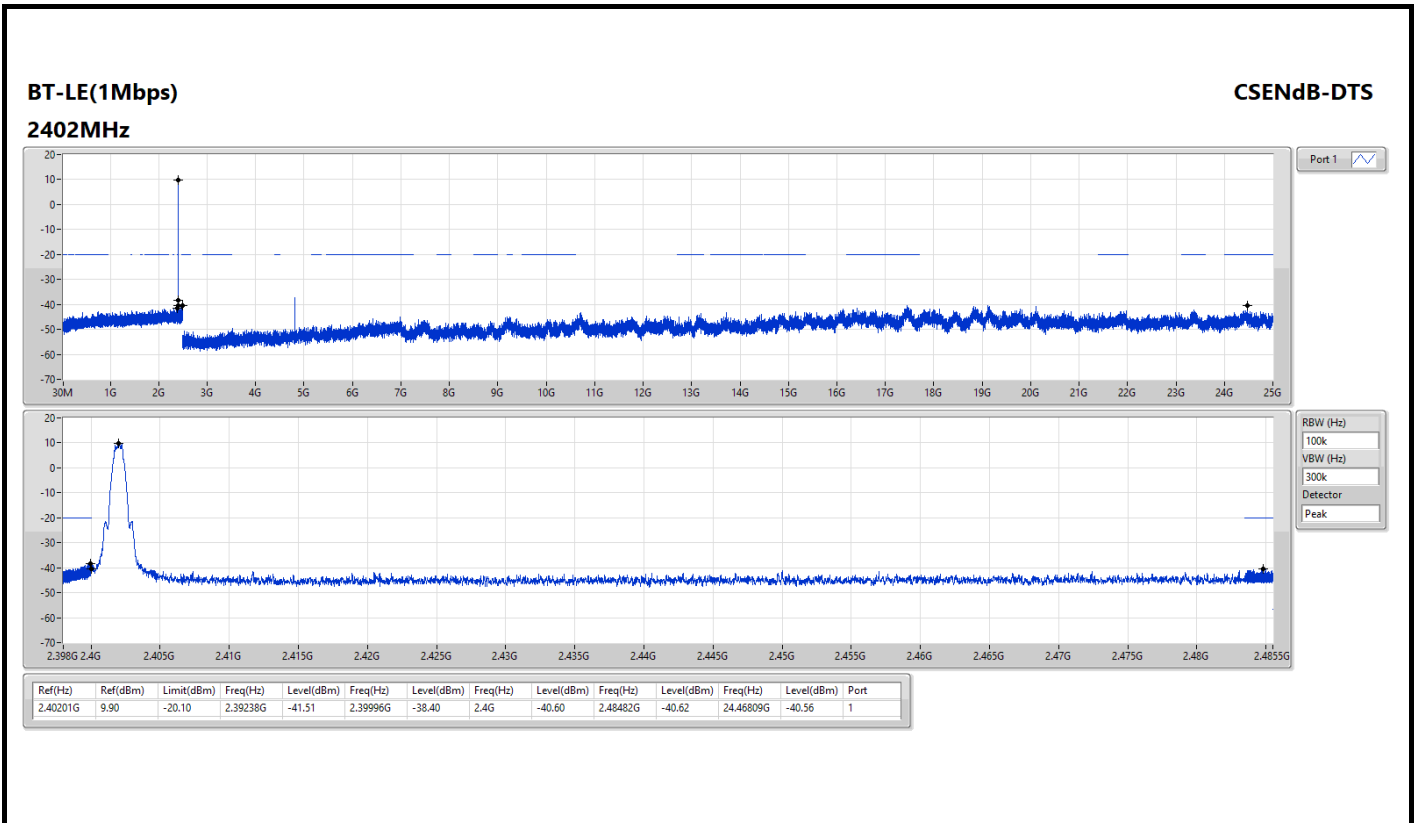
2440MHz

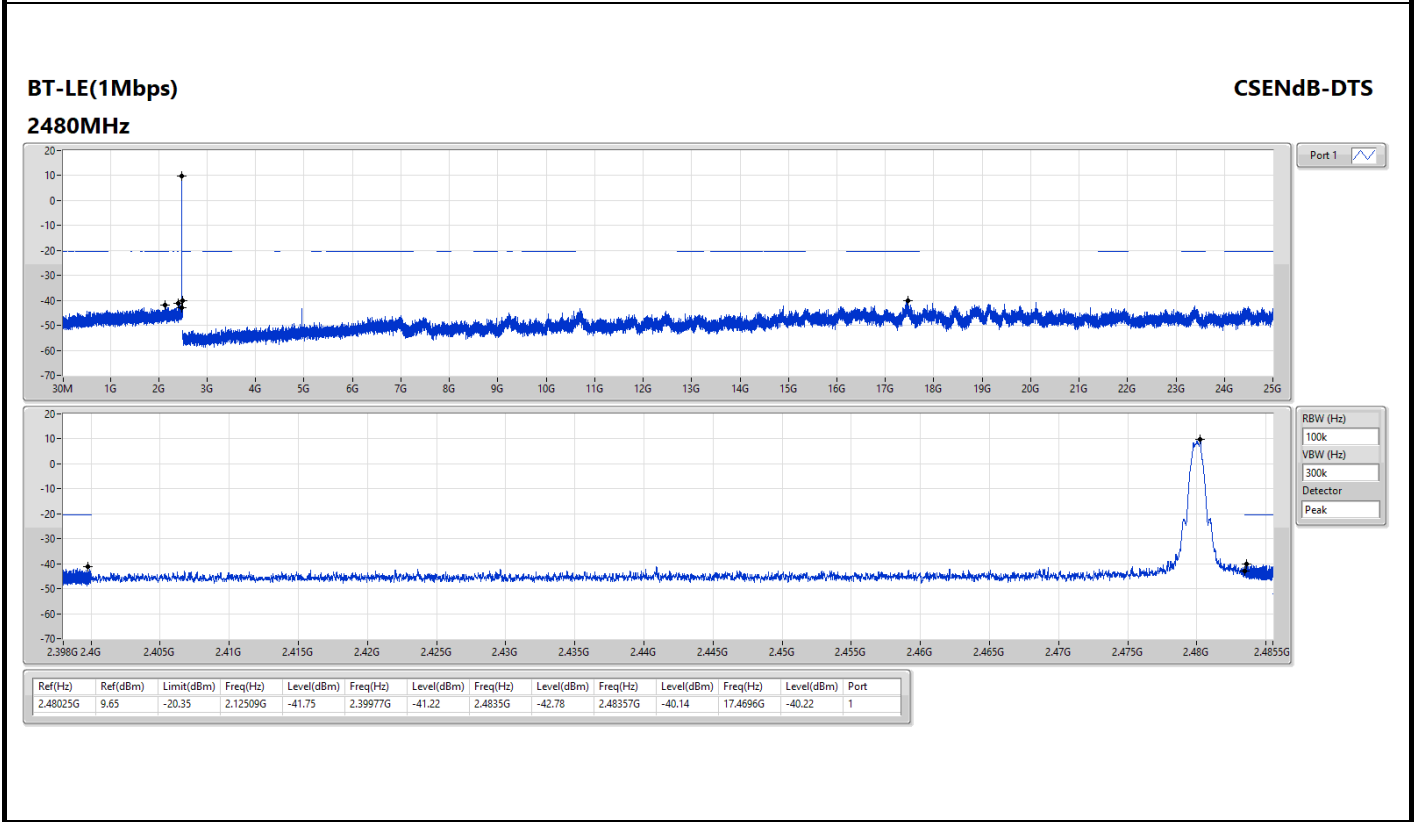
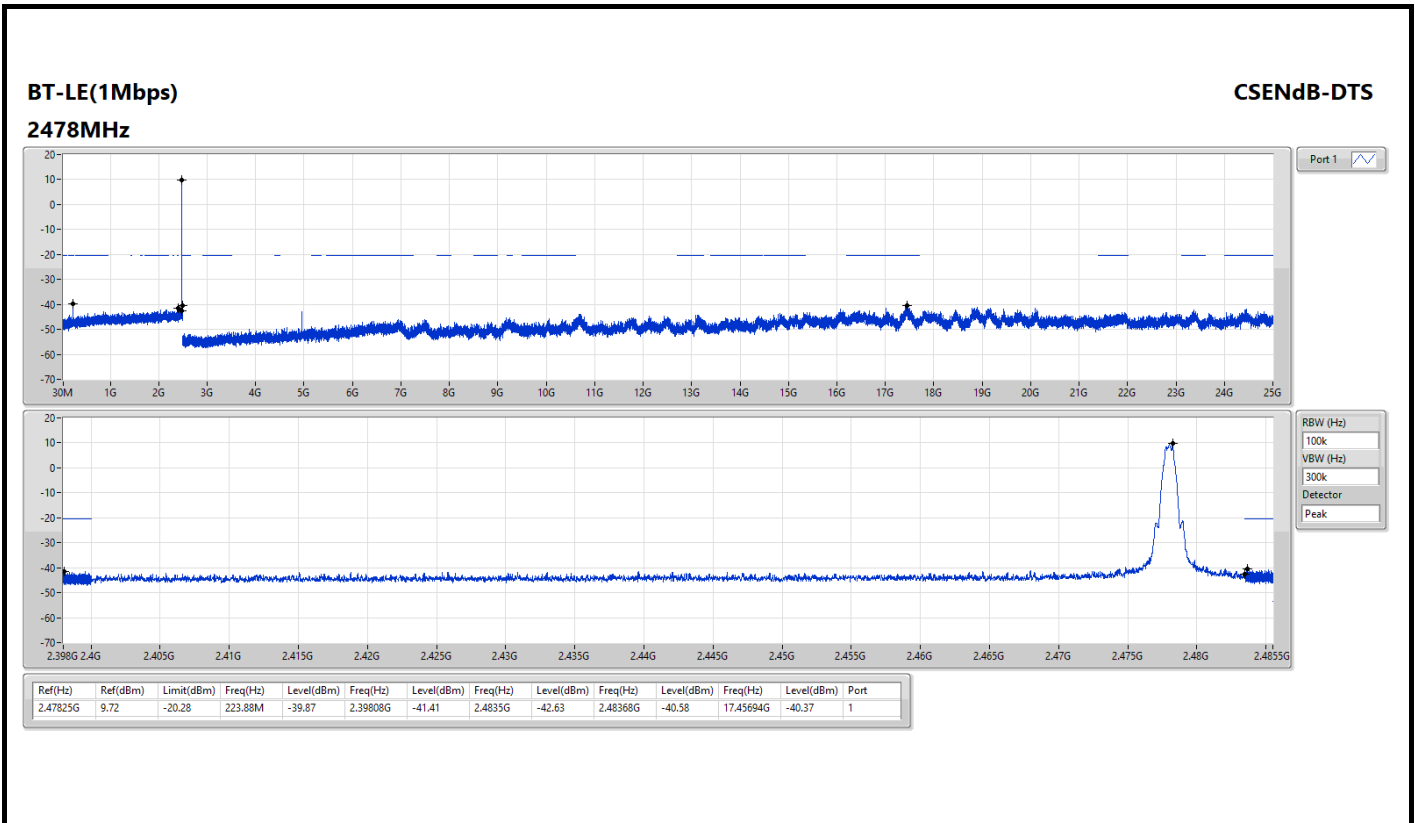
CSEndB-DTS

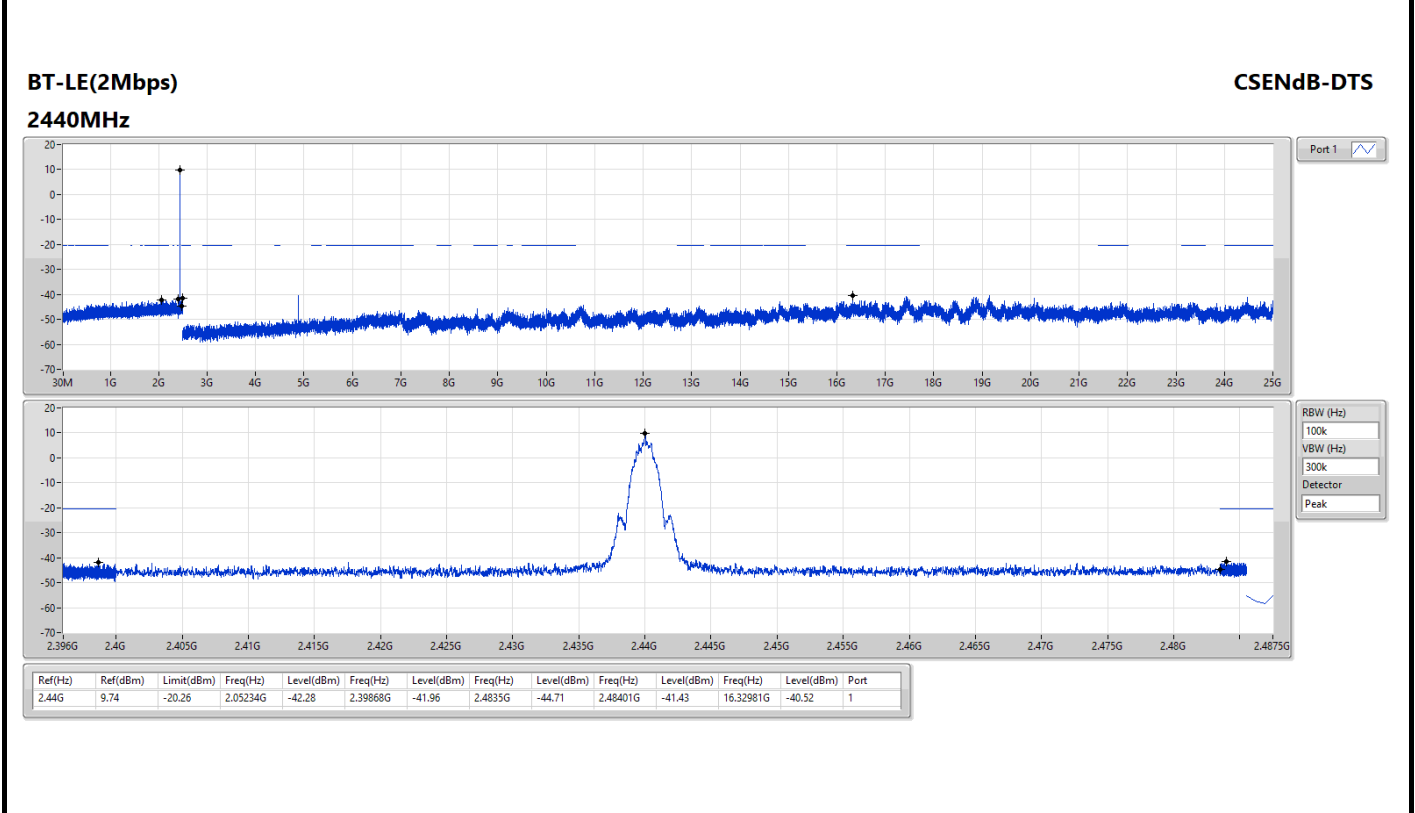
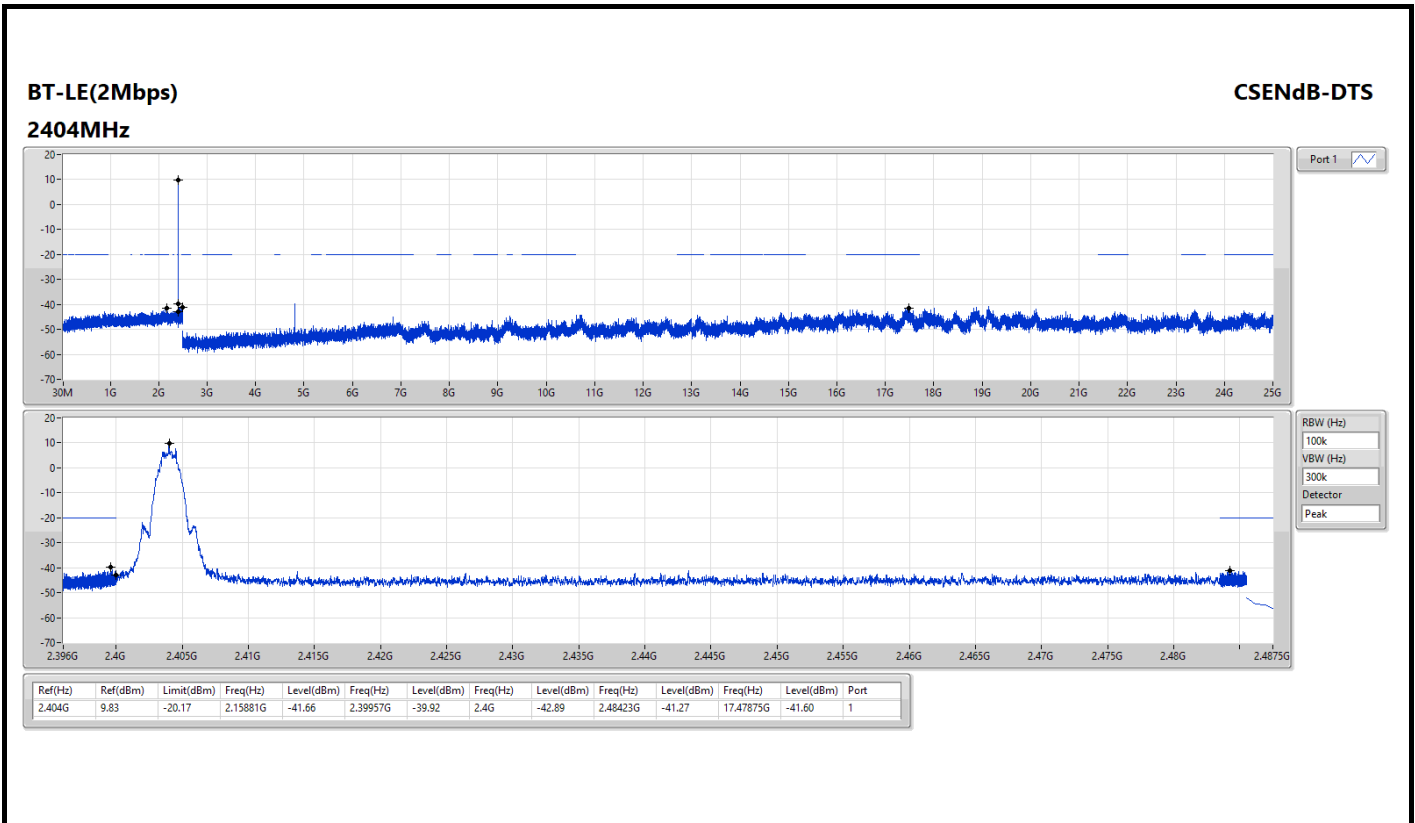


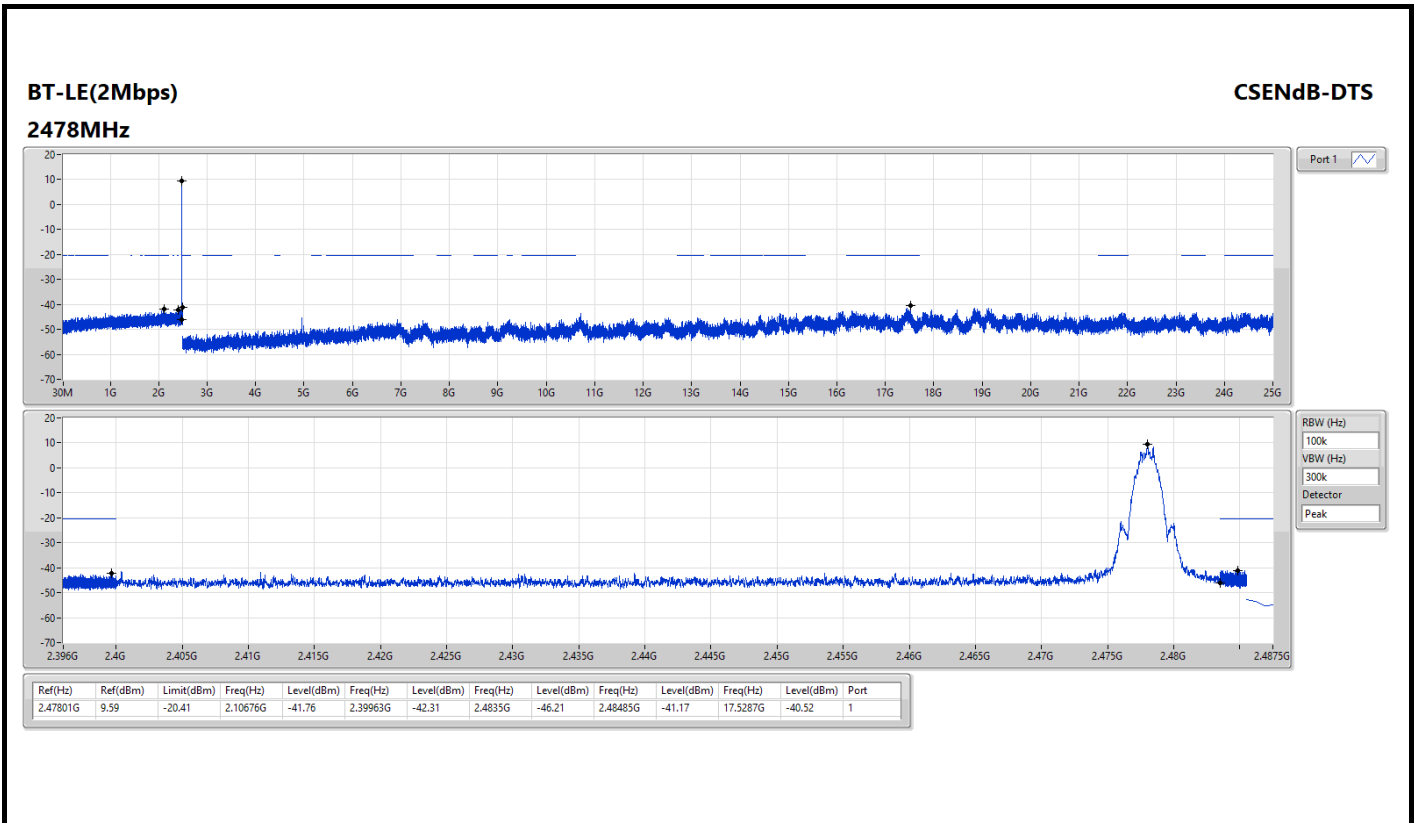






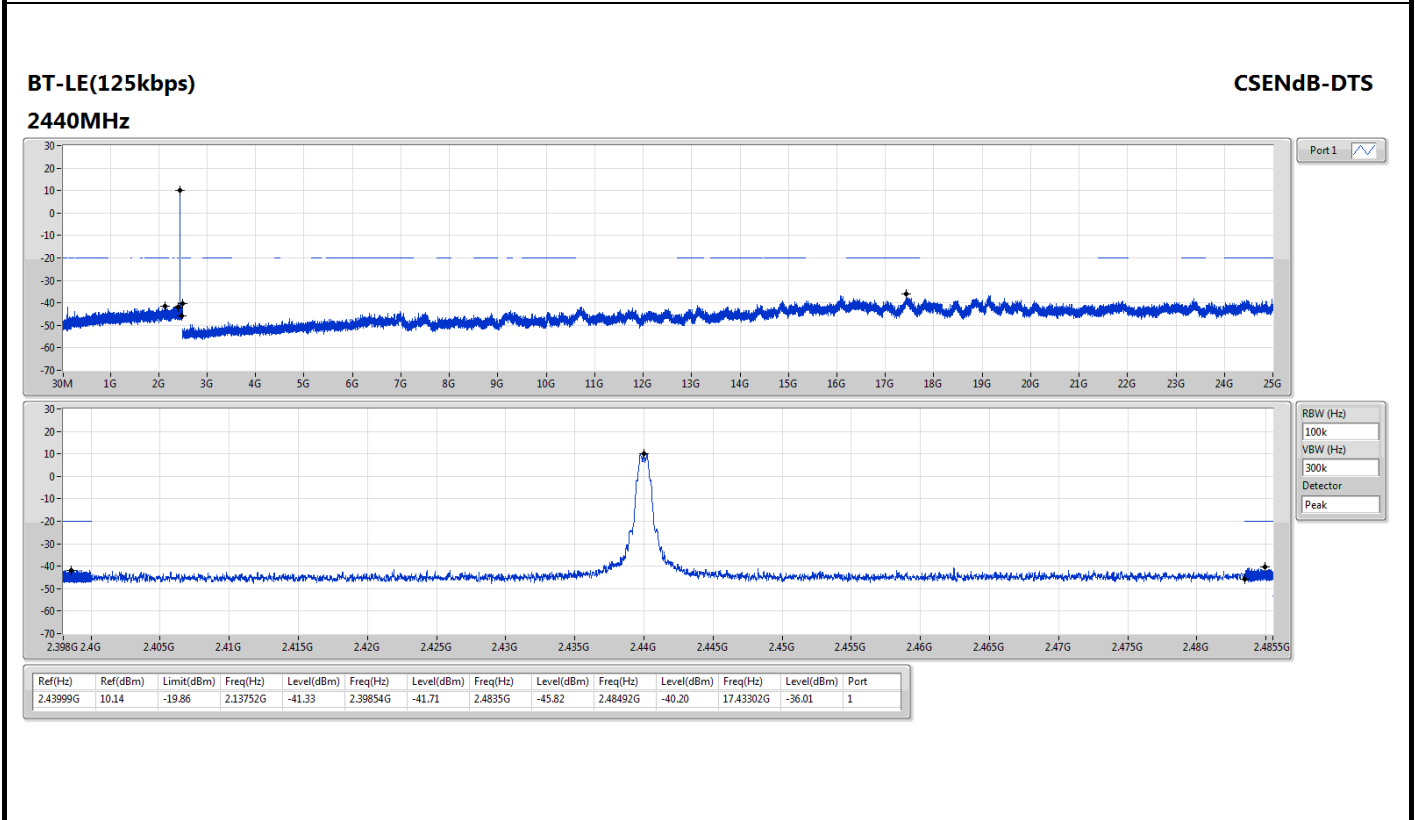
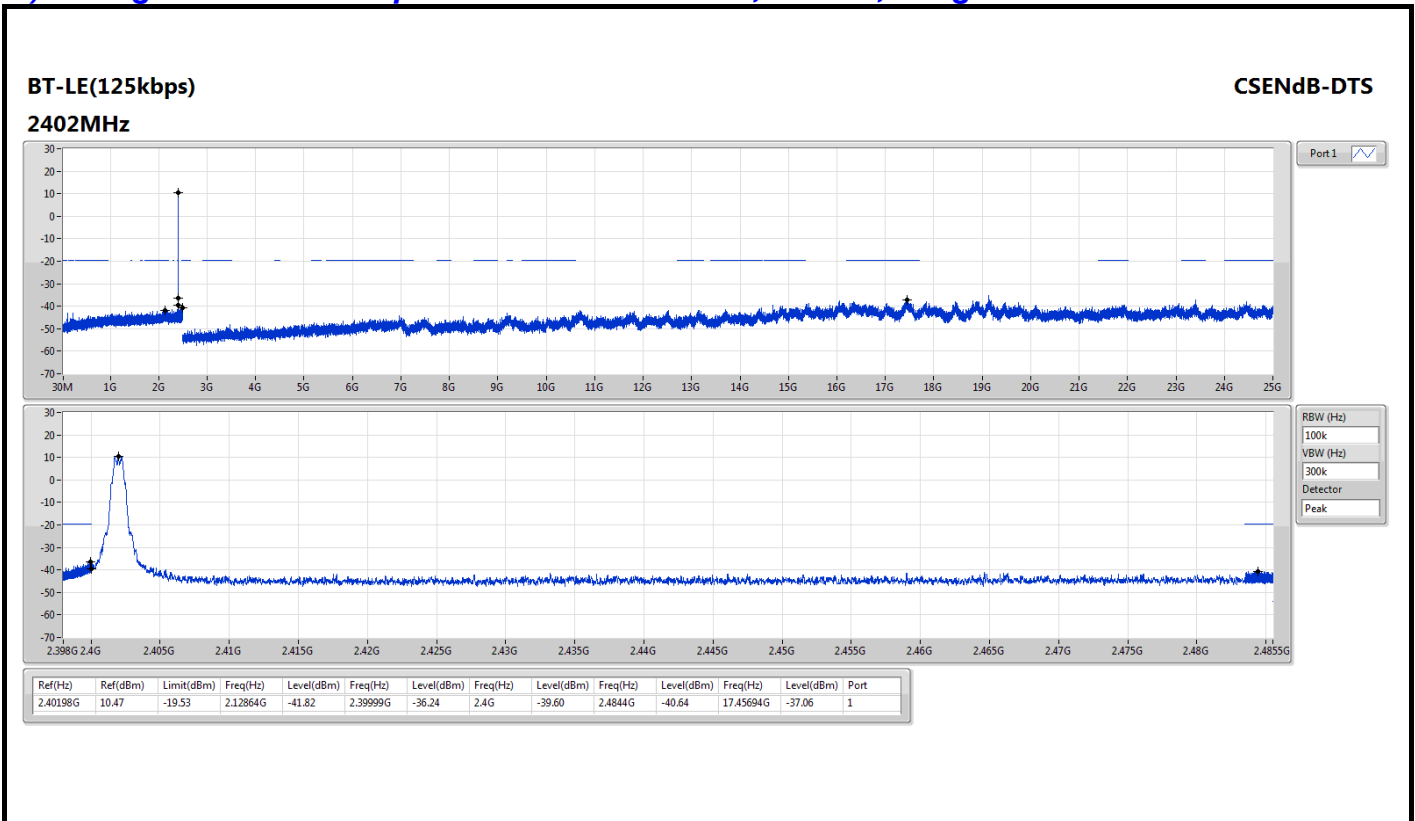


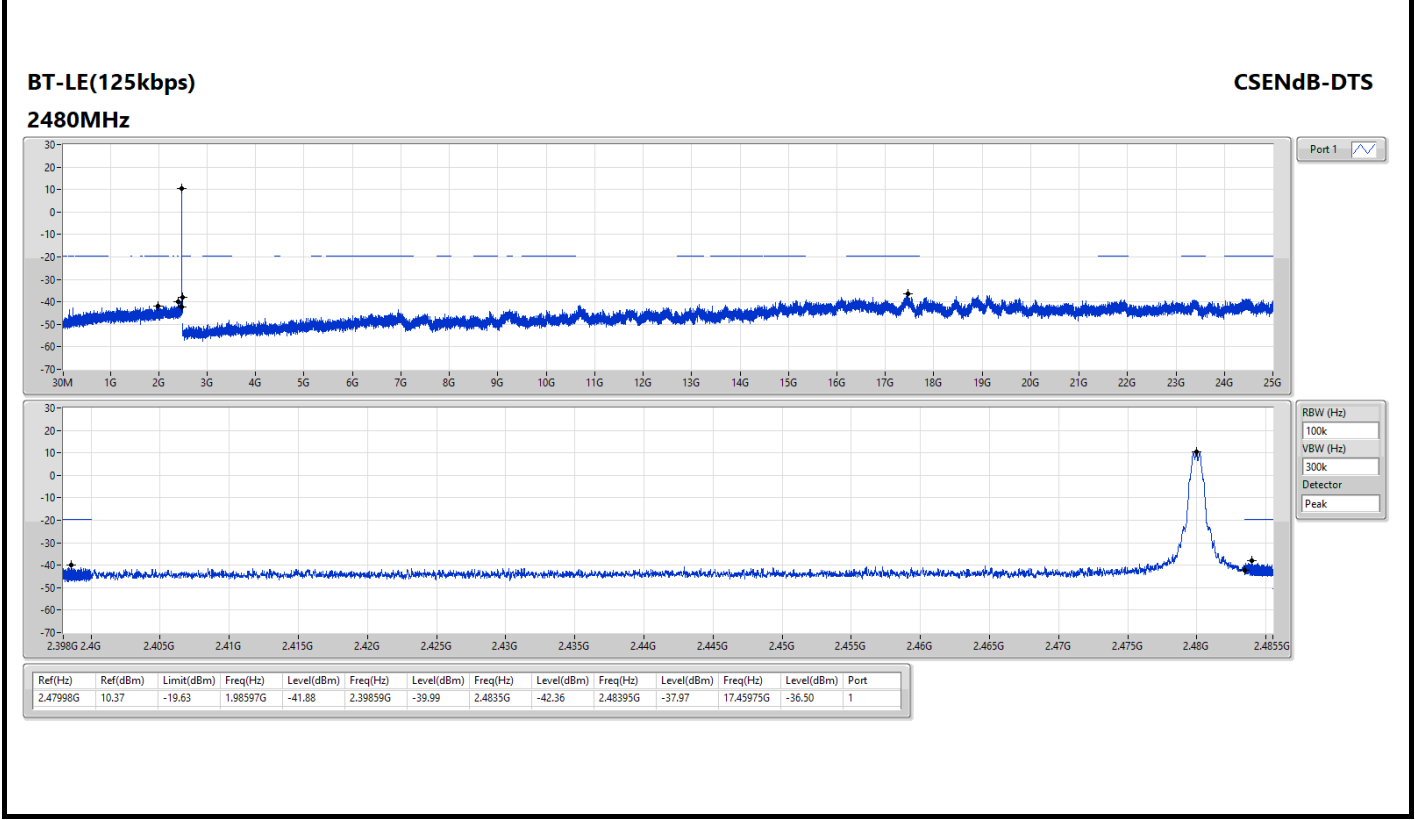
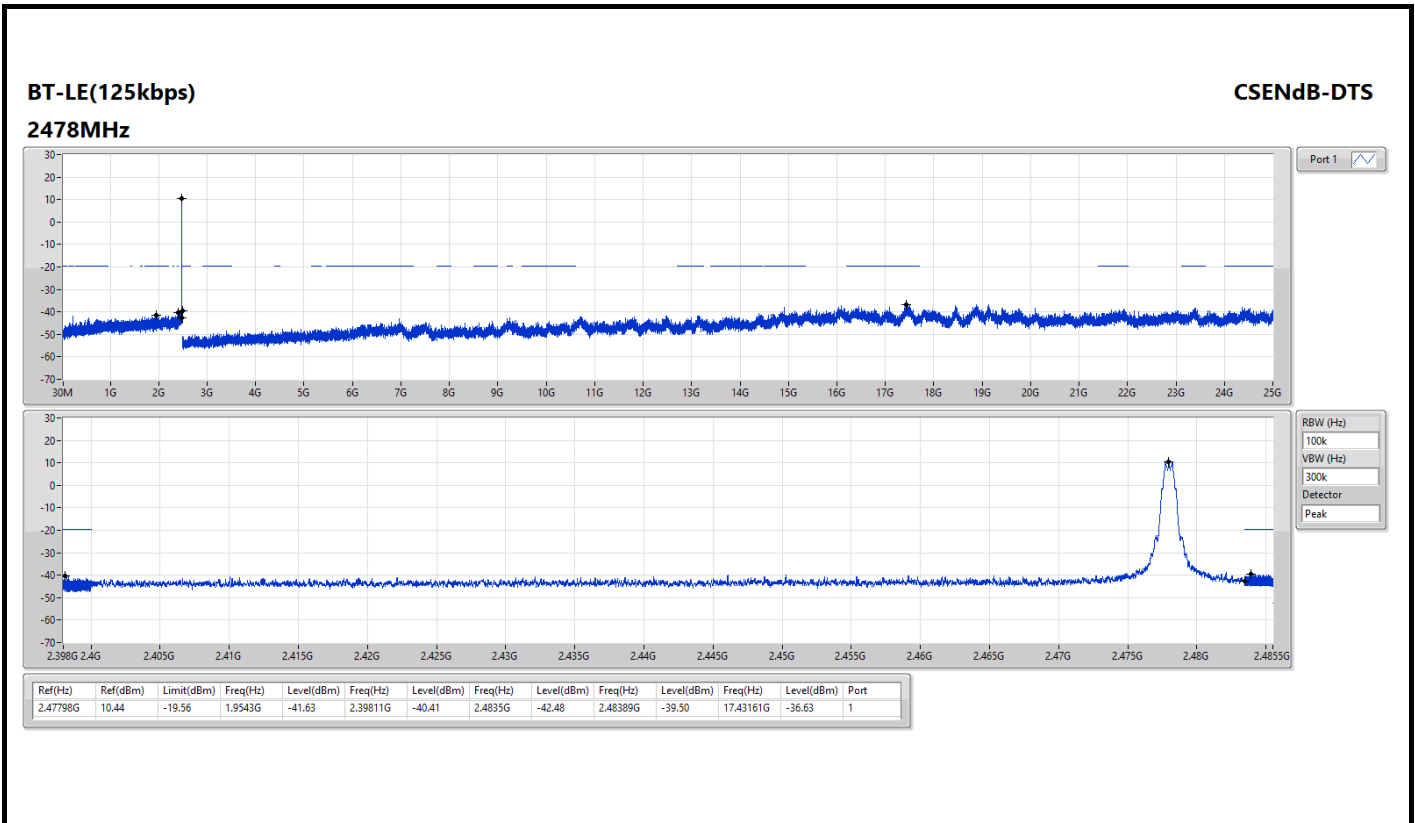


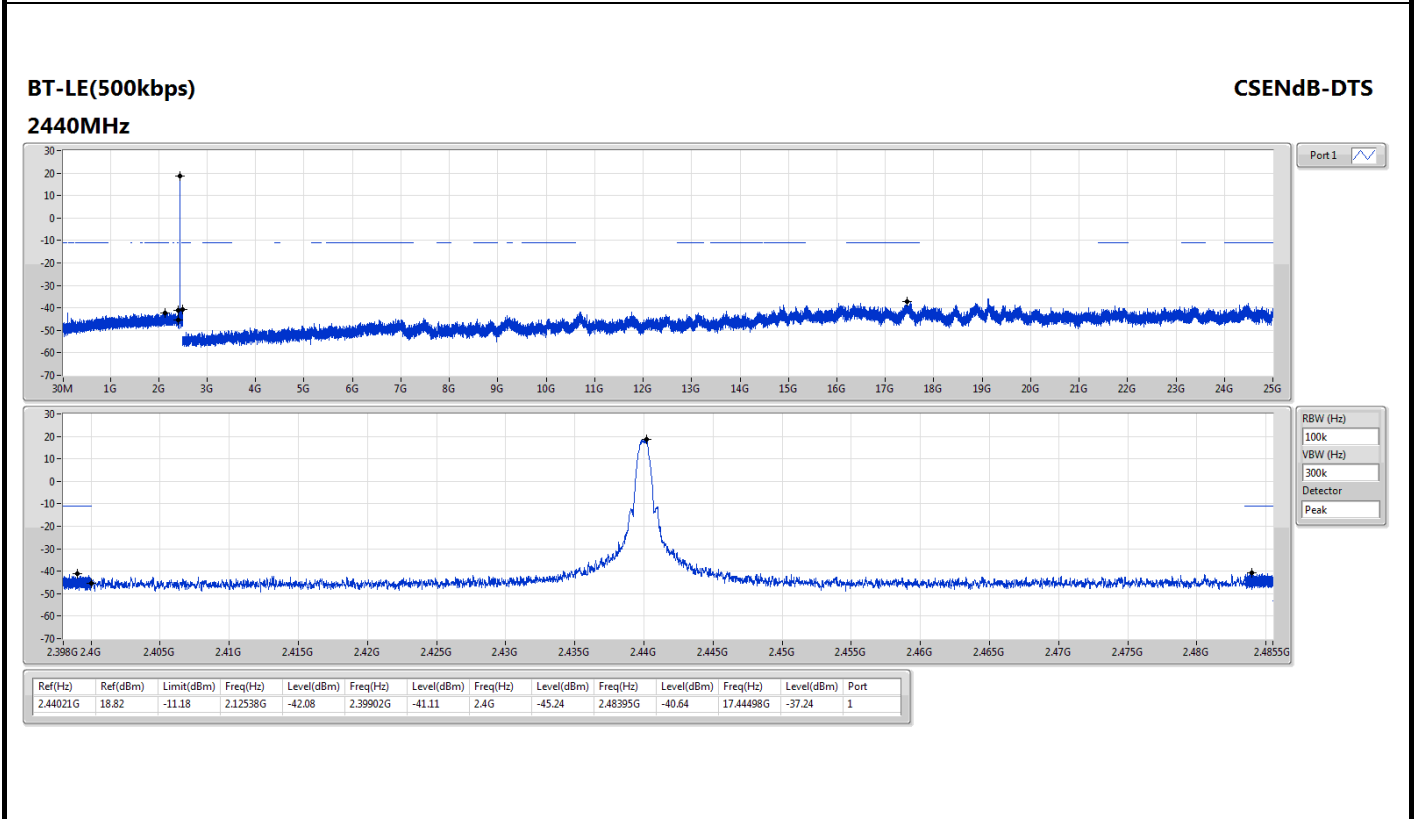
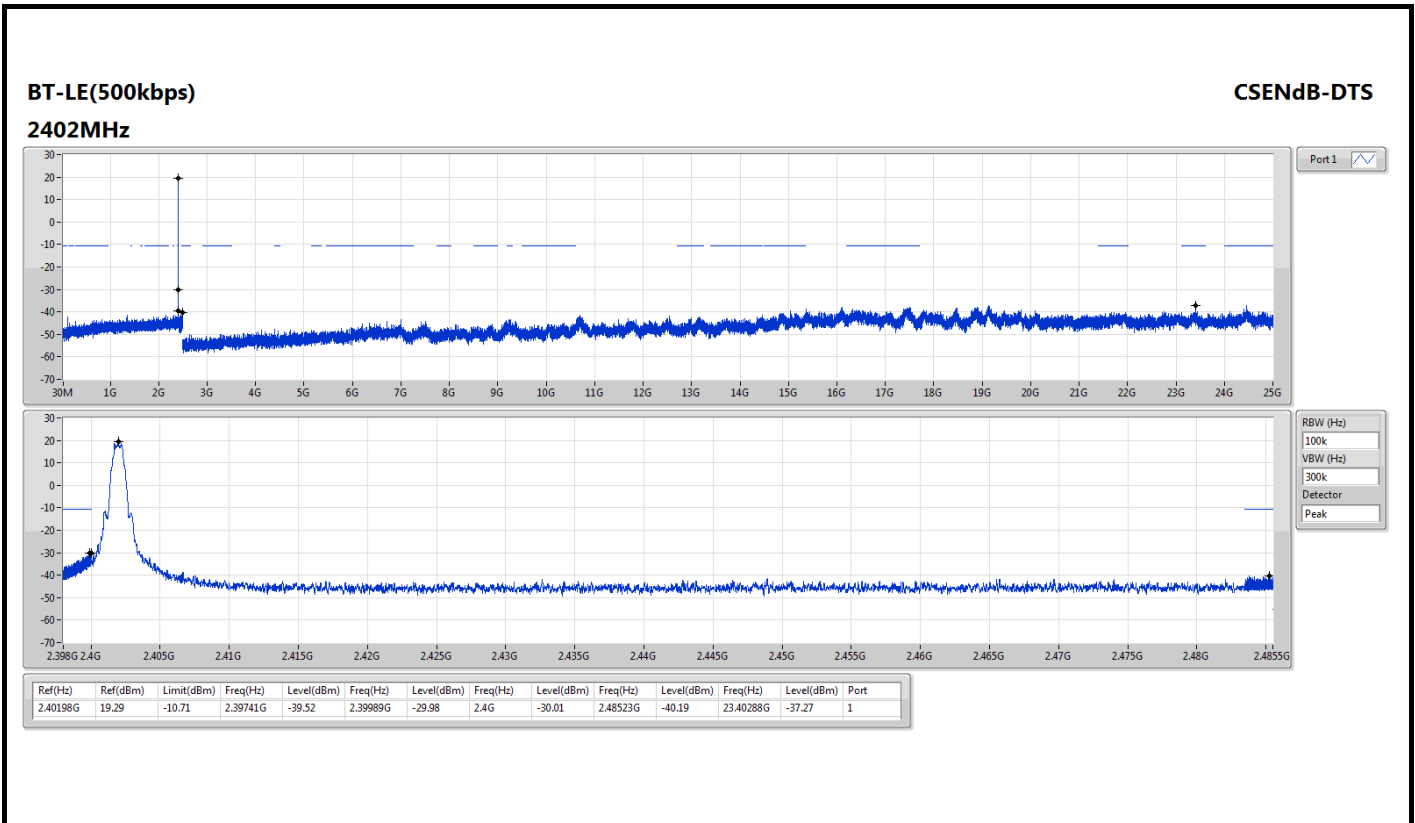


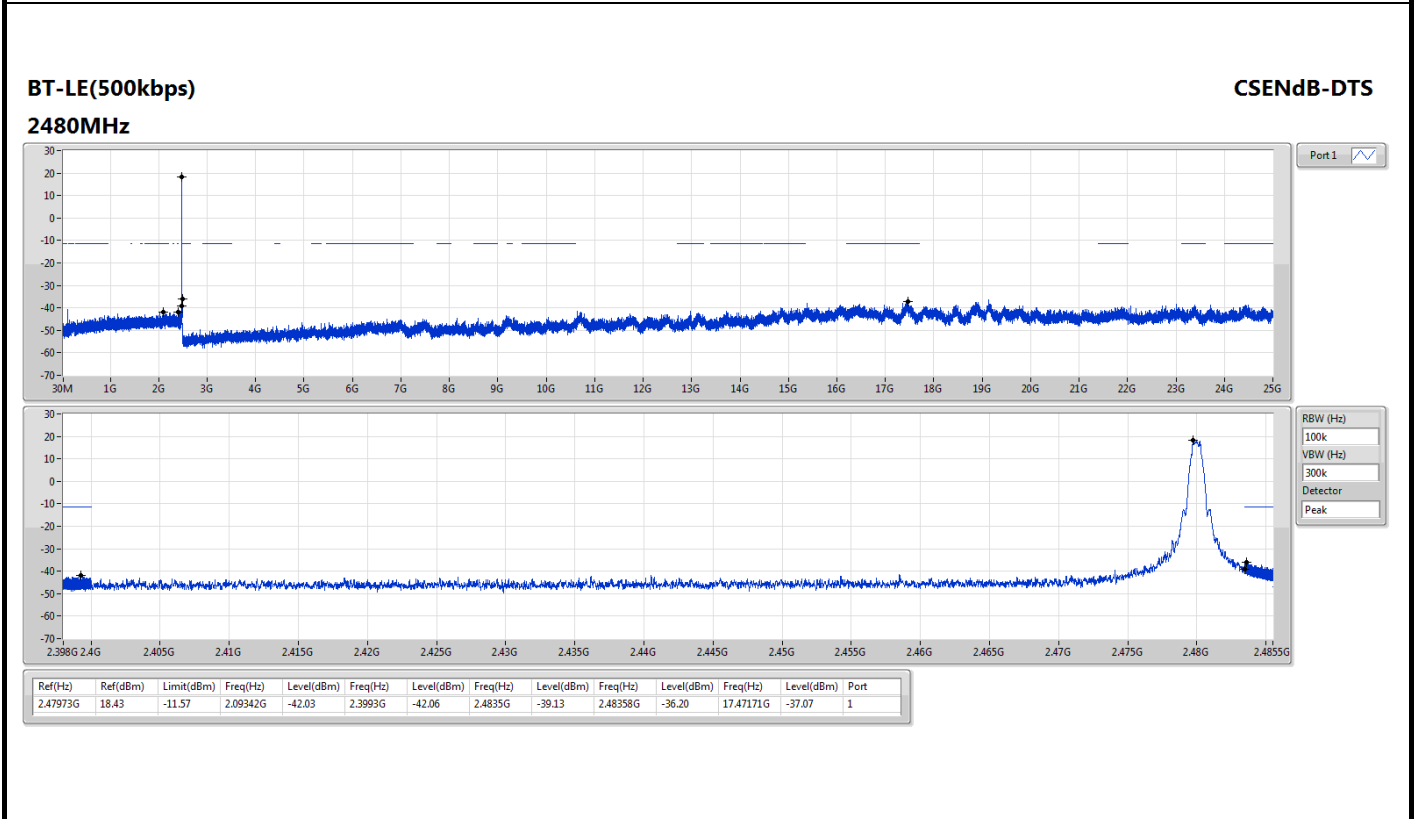
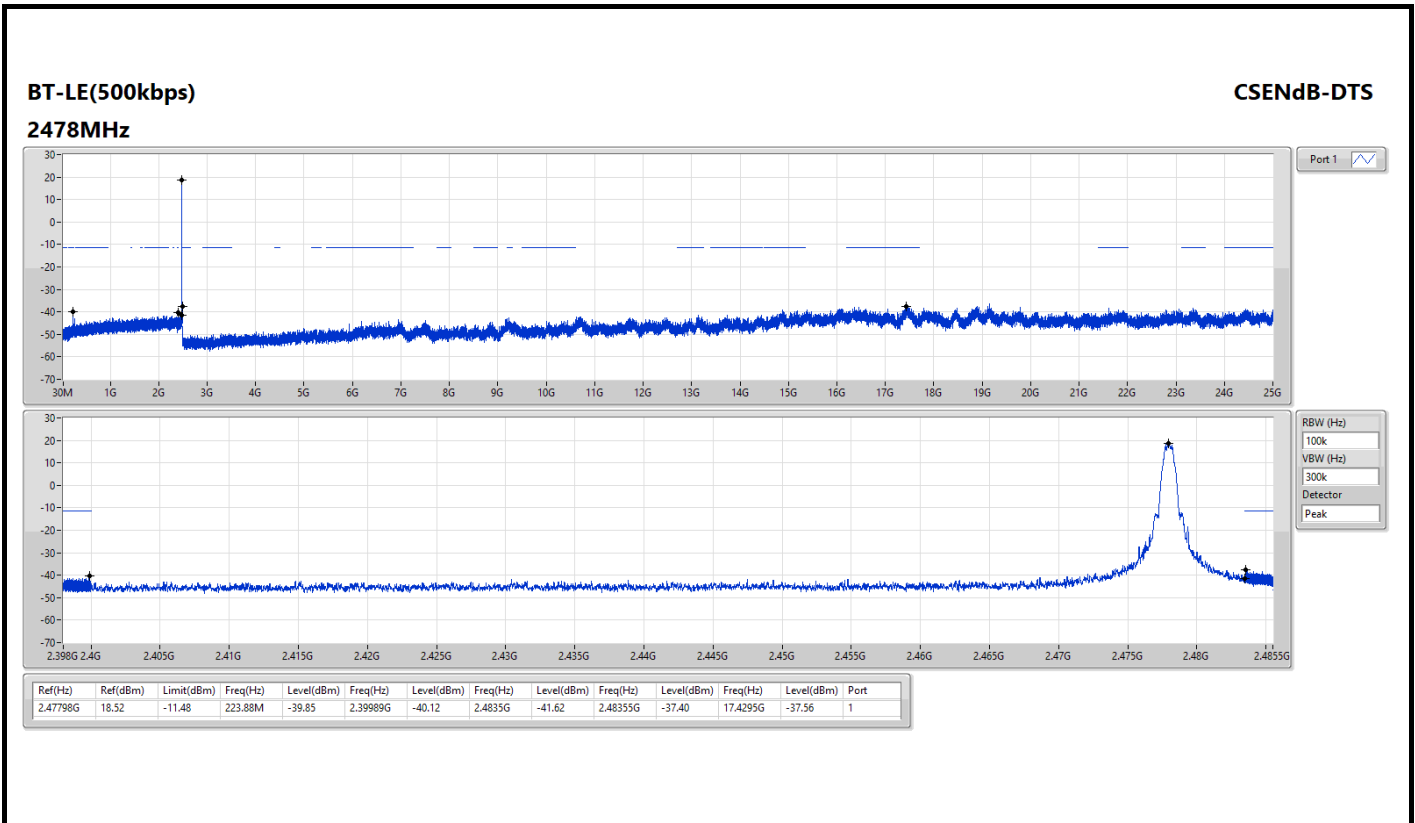


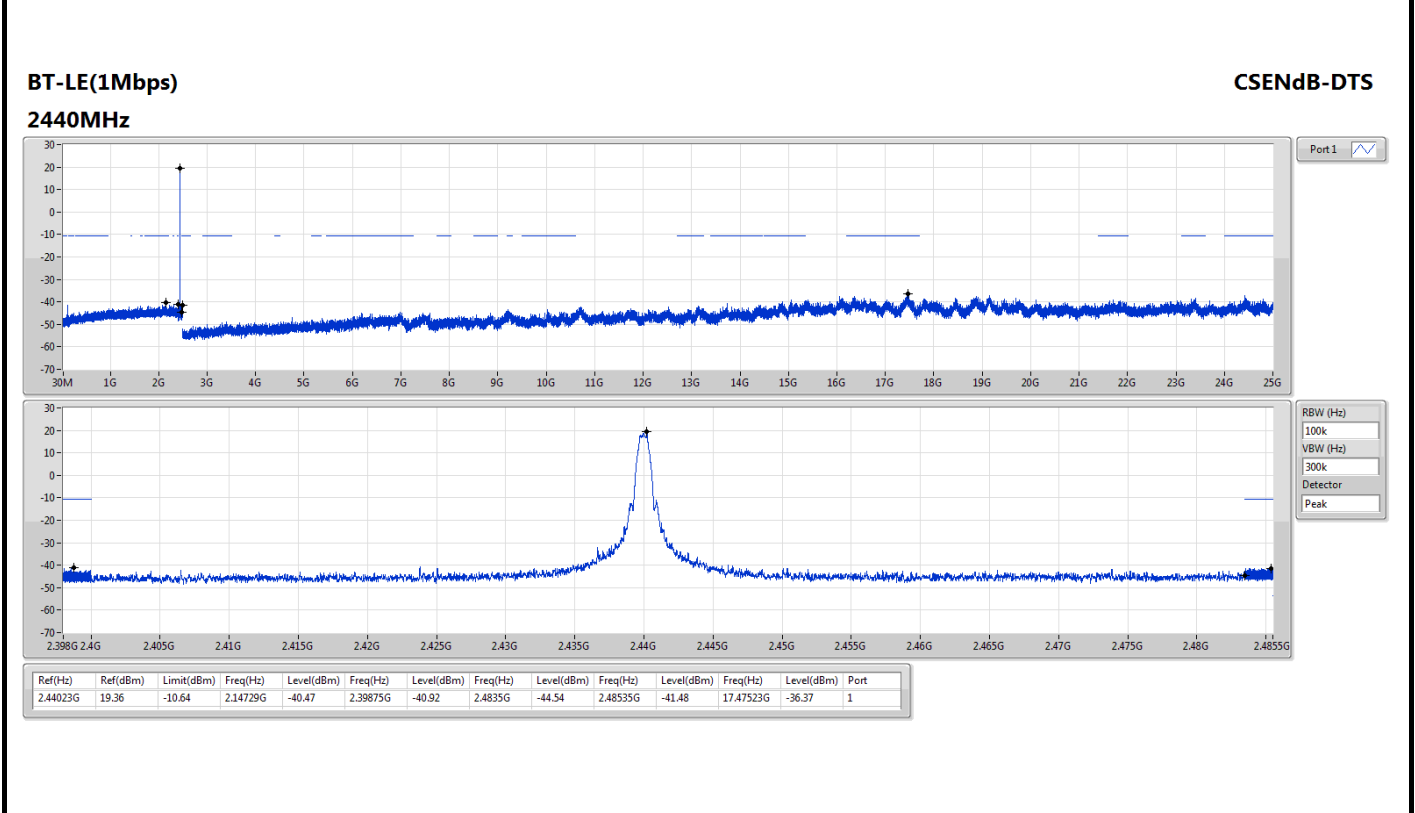
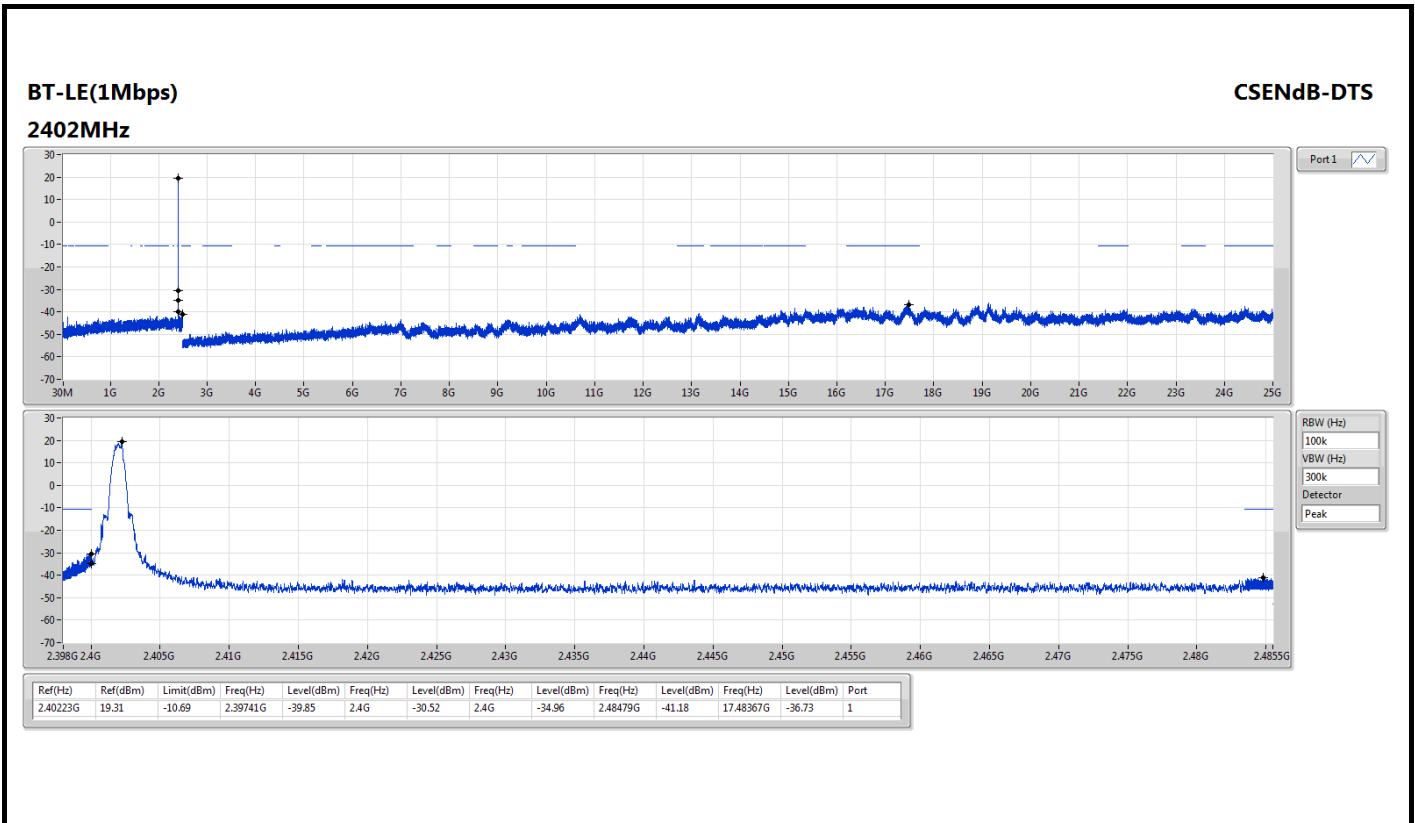
2) Configuration 2: Laird part number: 453-00145, 20dBm, Integrated Antenna

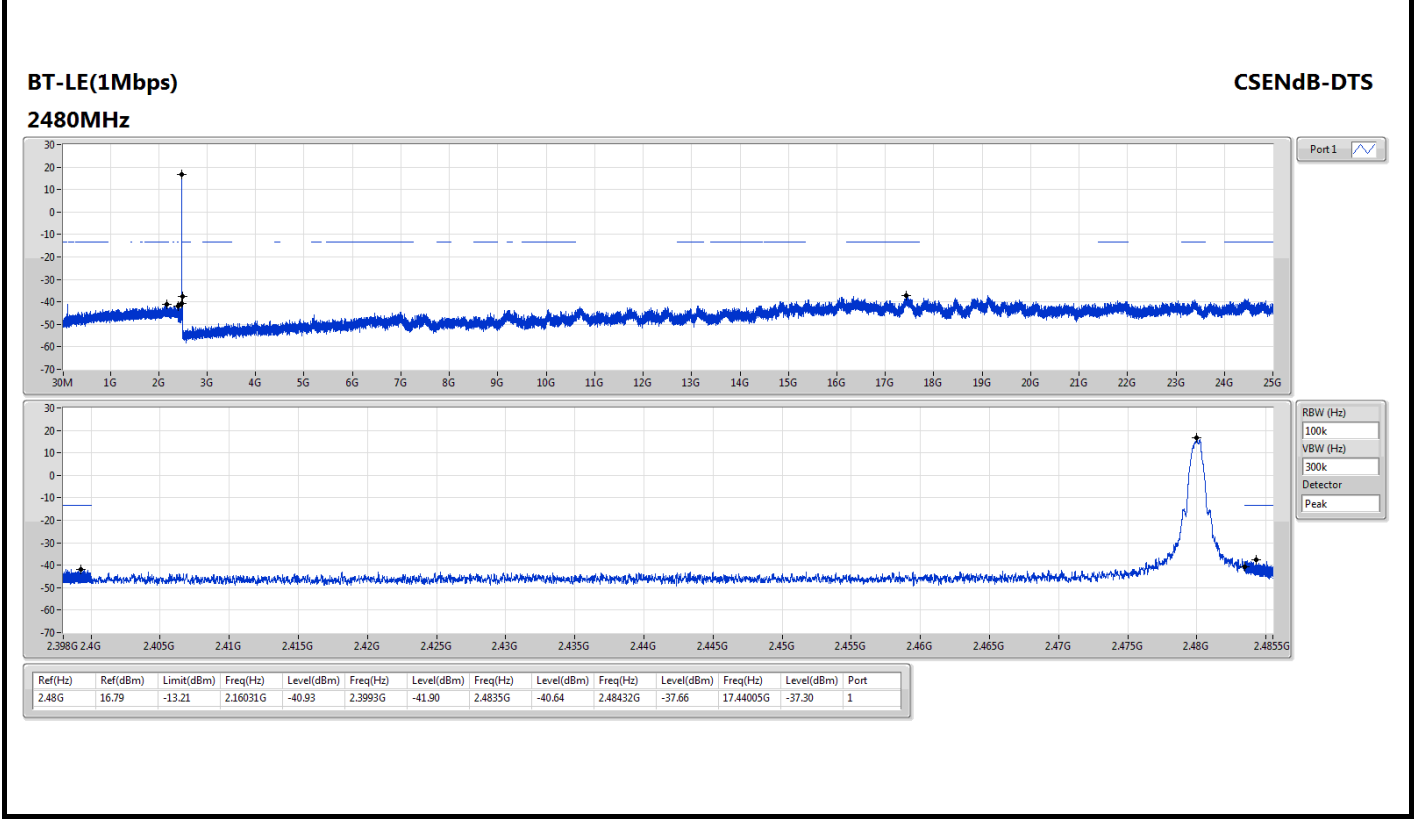
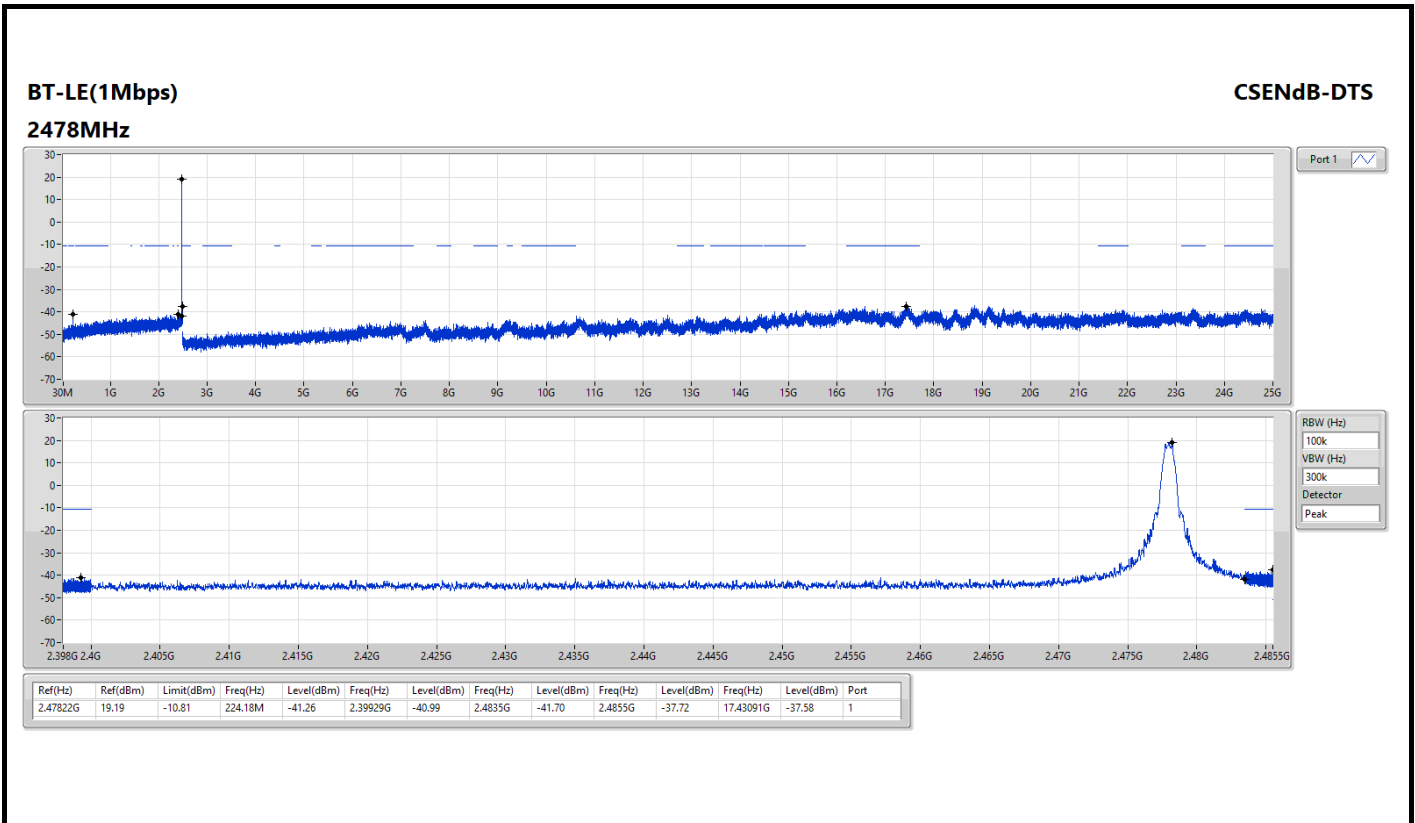


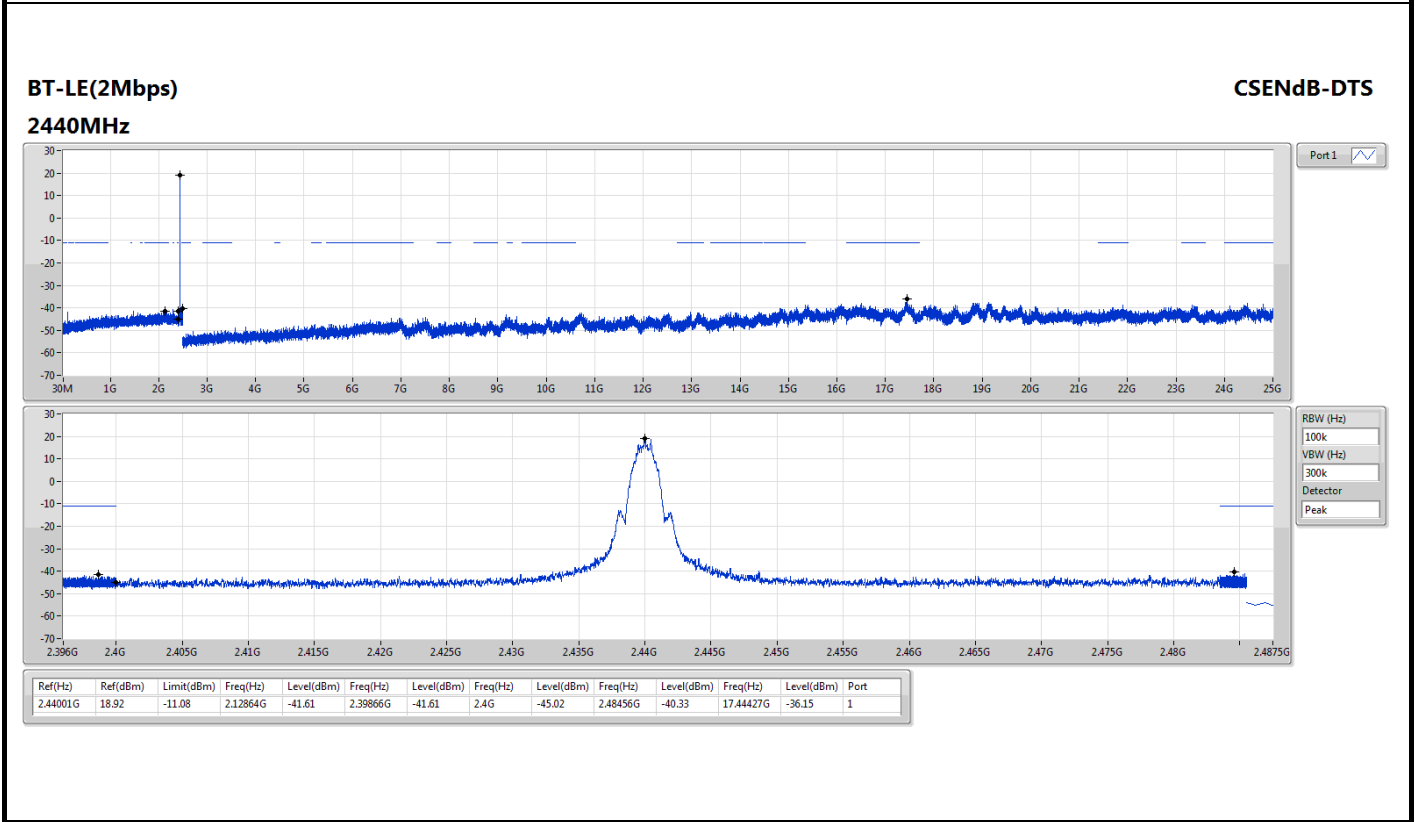
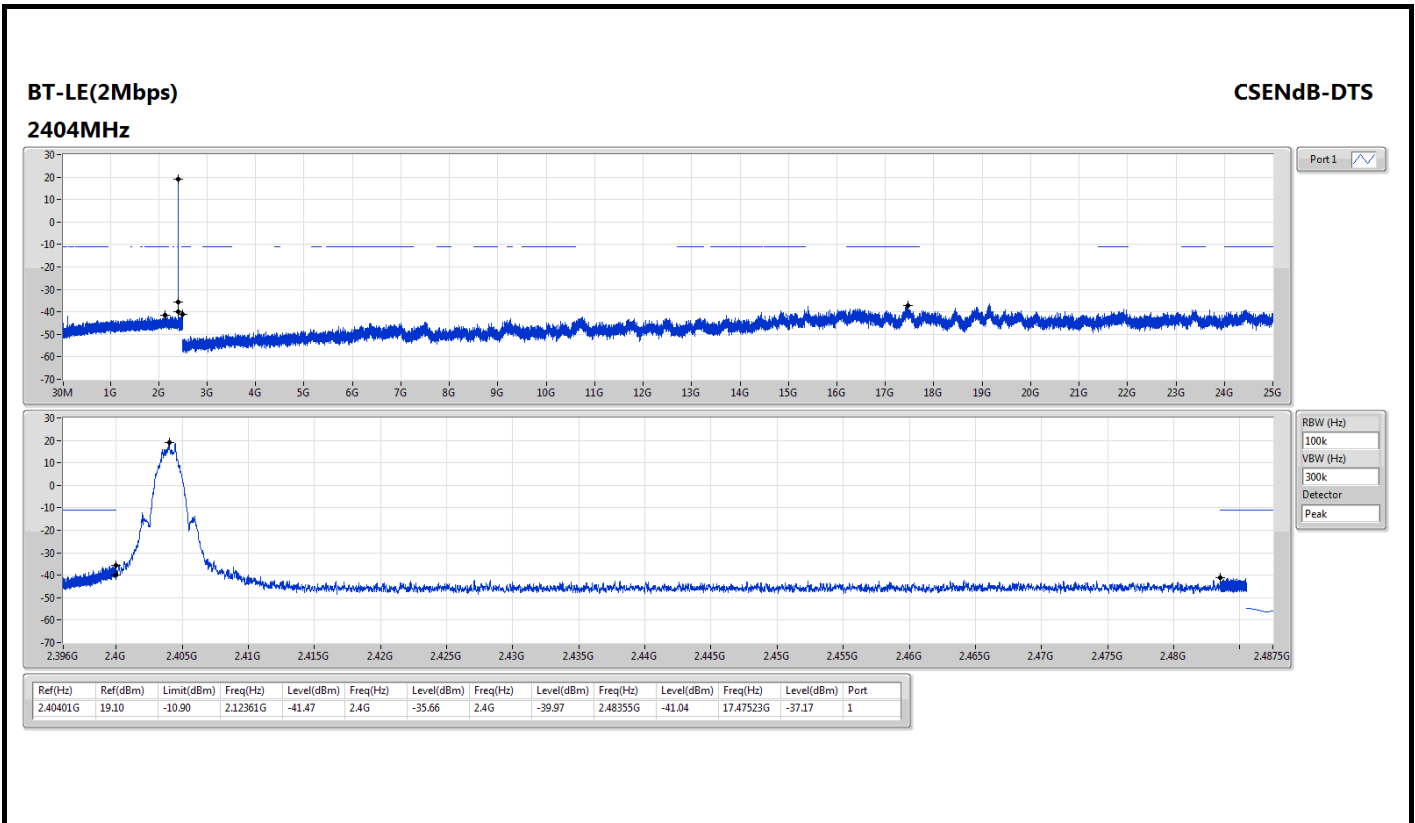


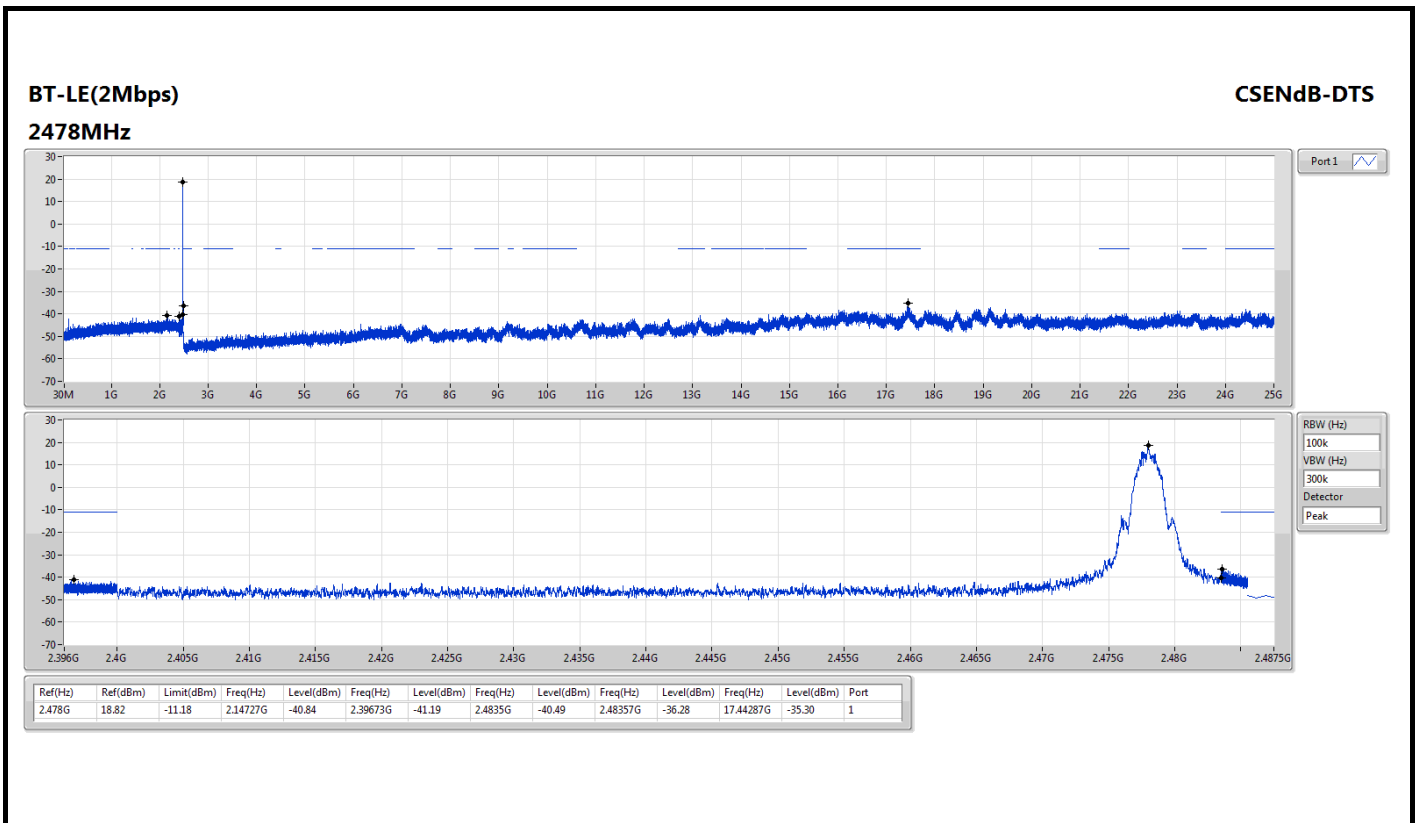






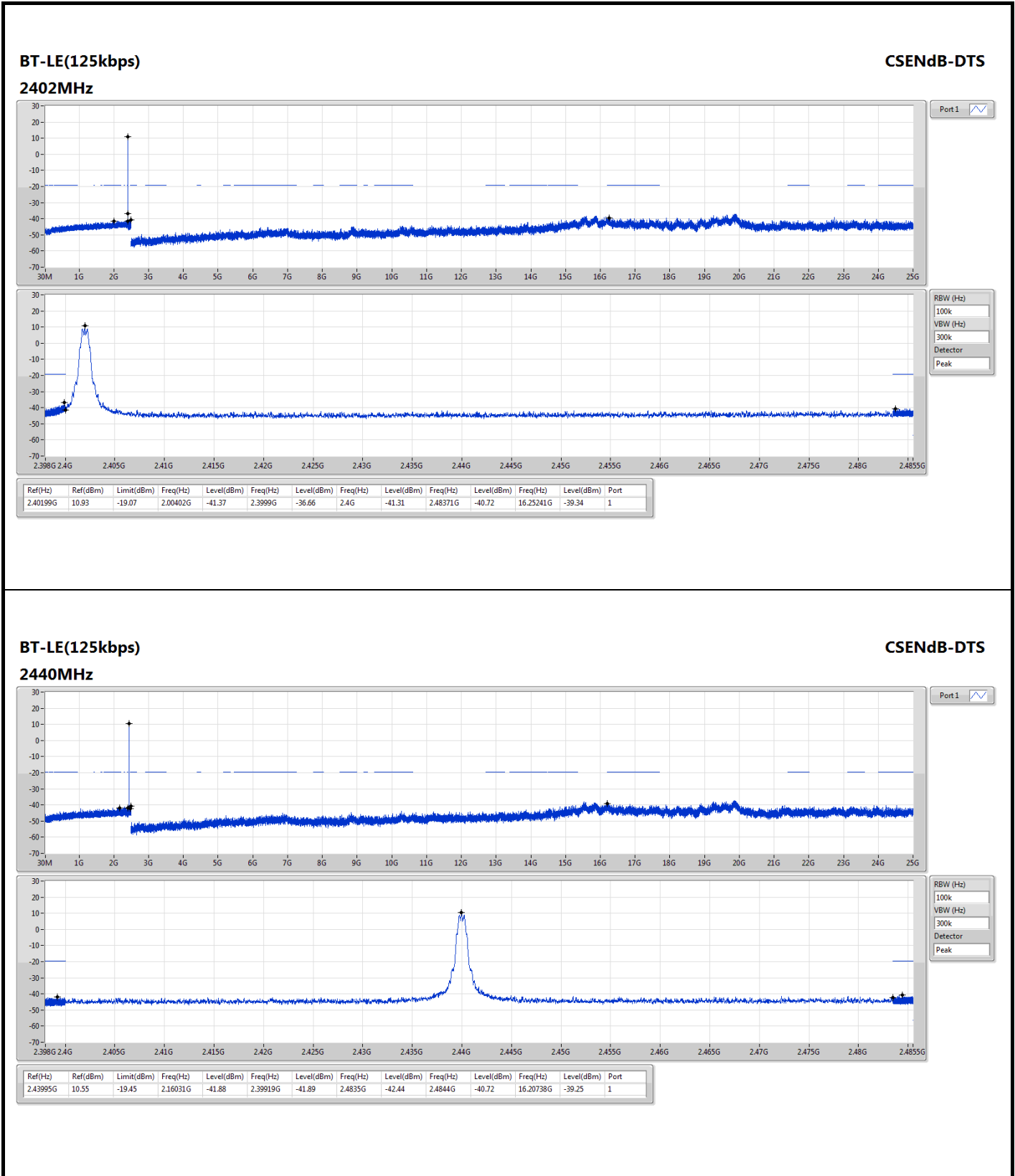








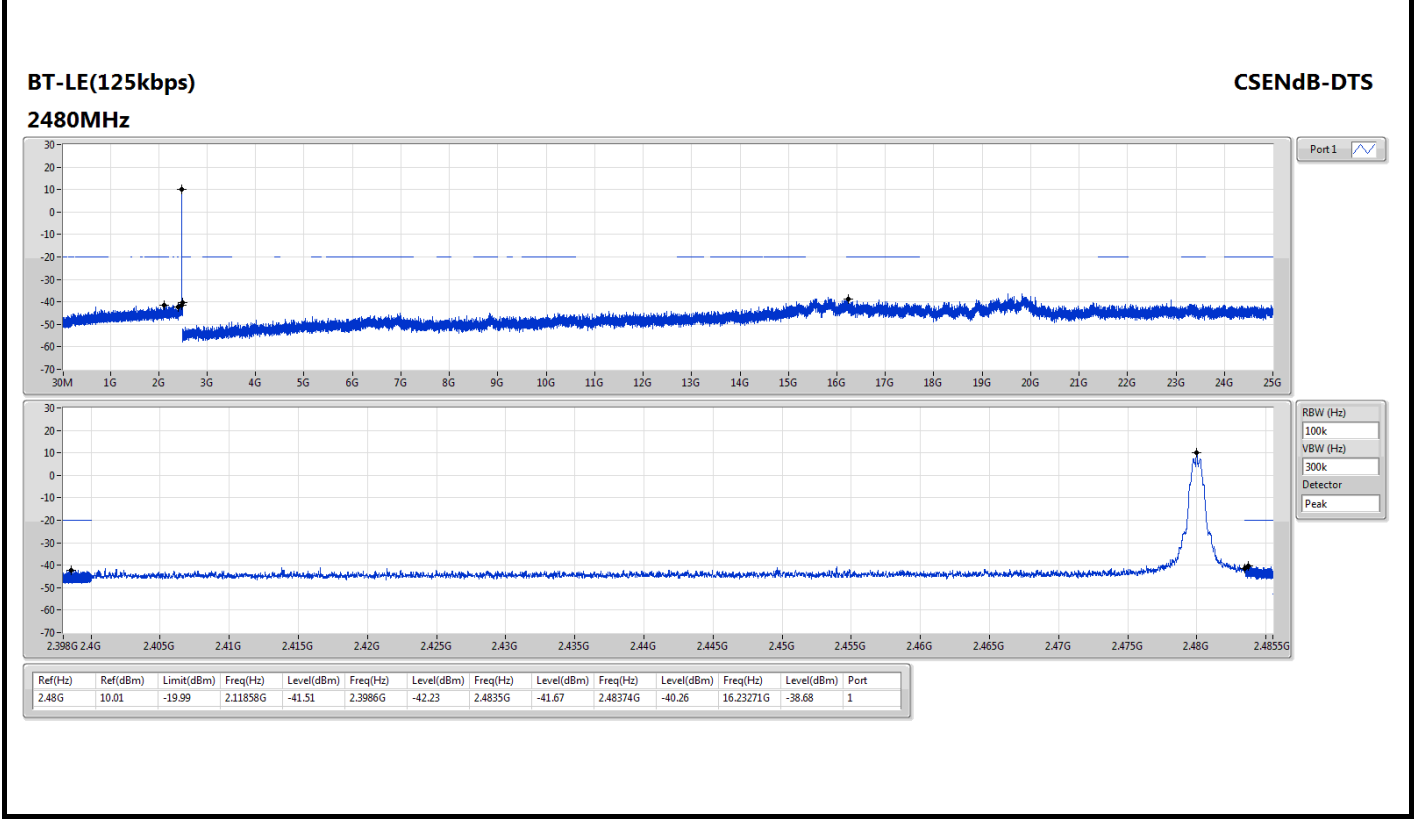
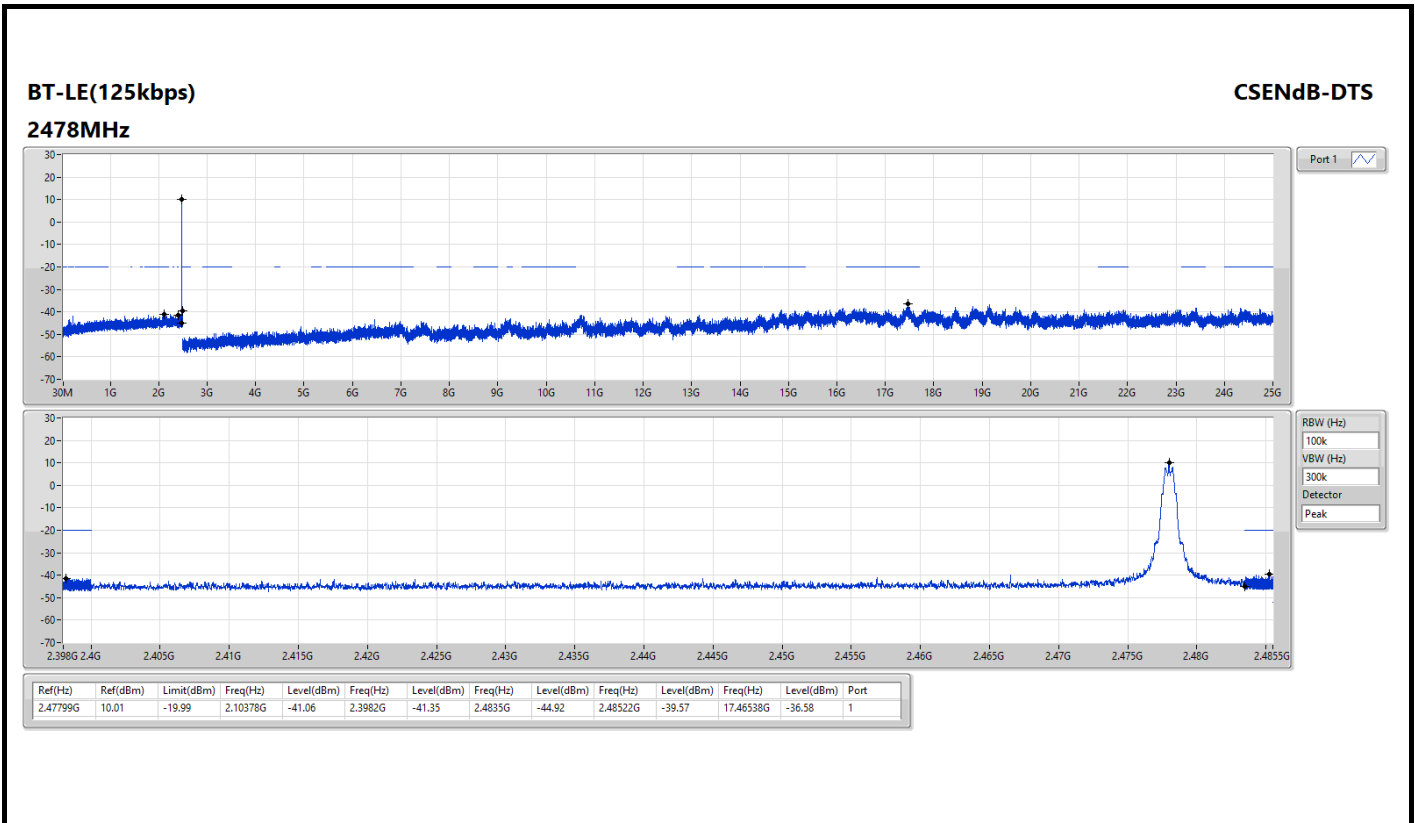
3) Configuration 3: Laird part number: 453-00148, 20dBm, RF Trace Pad (External antenna)

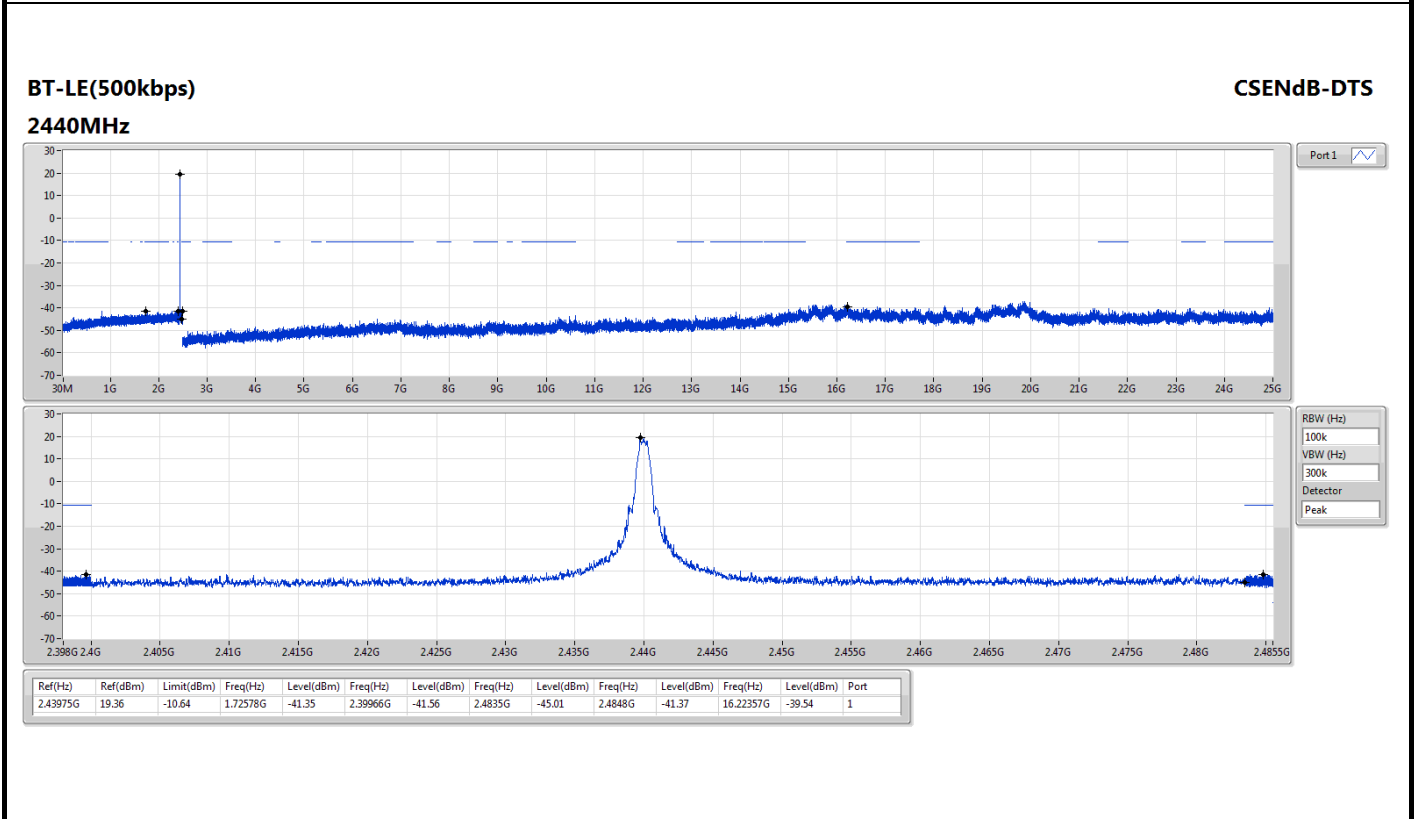
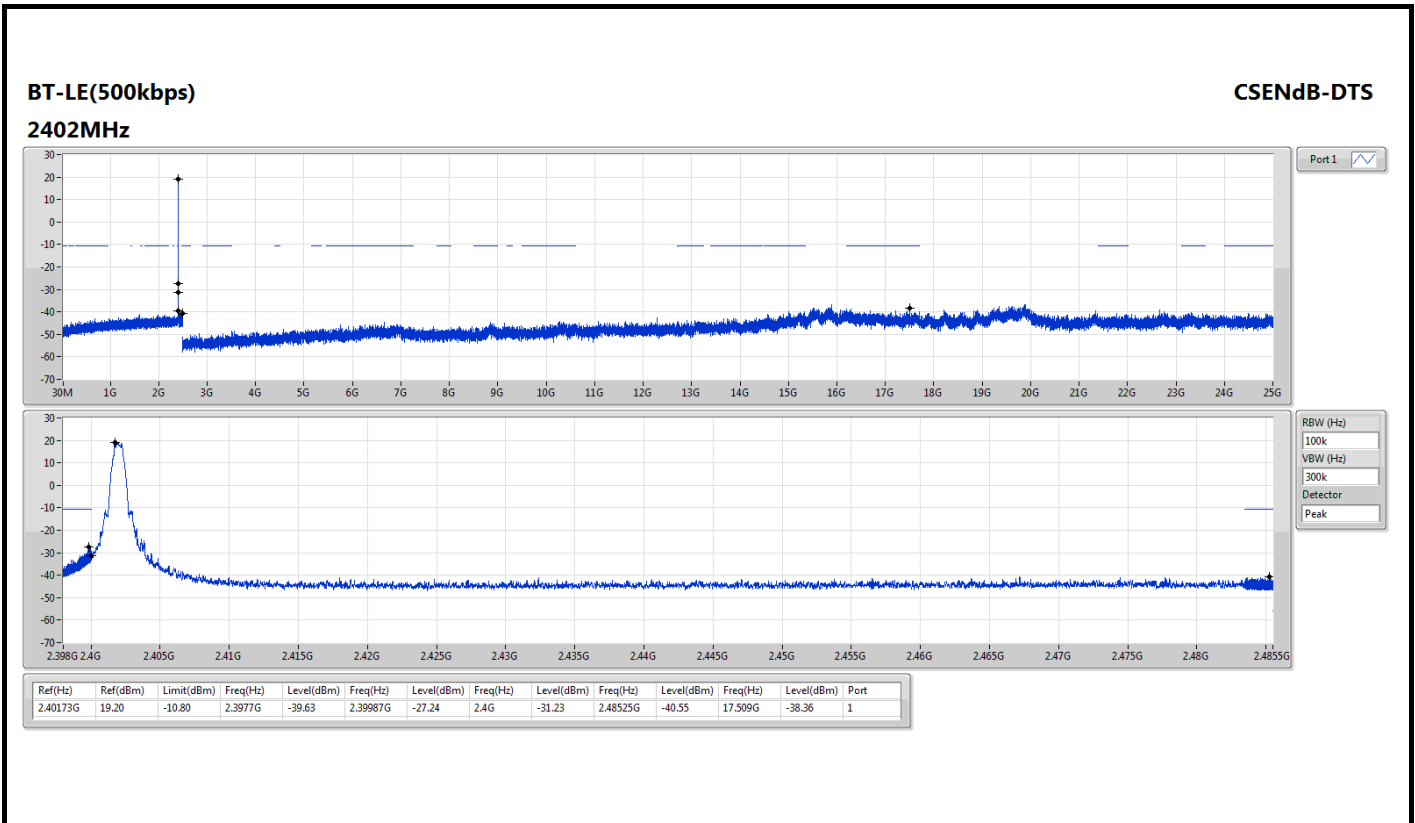


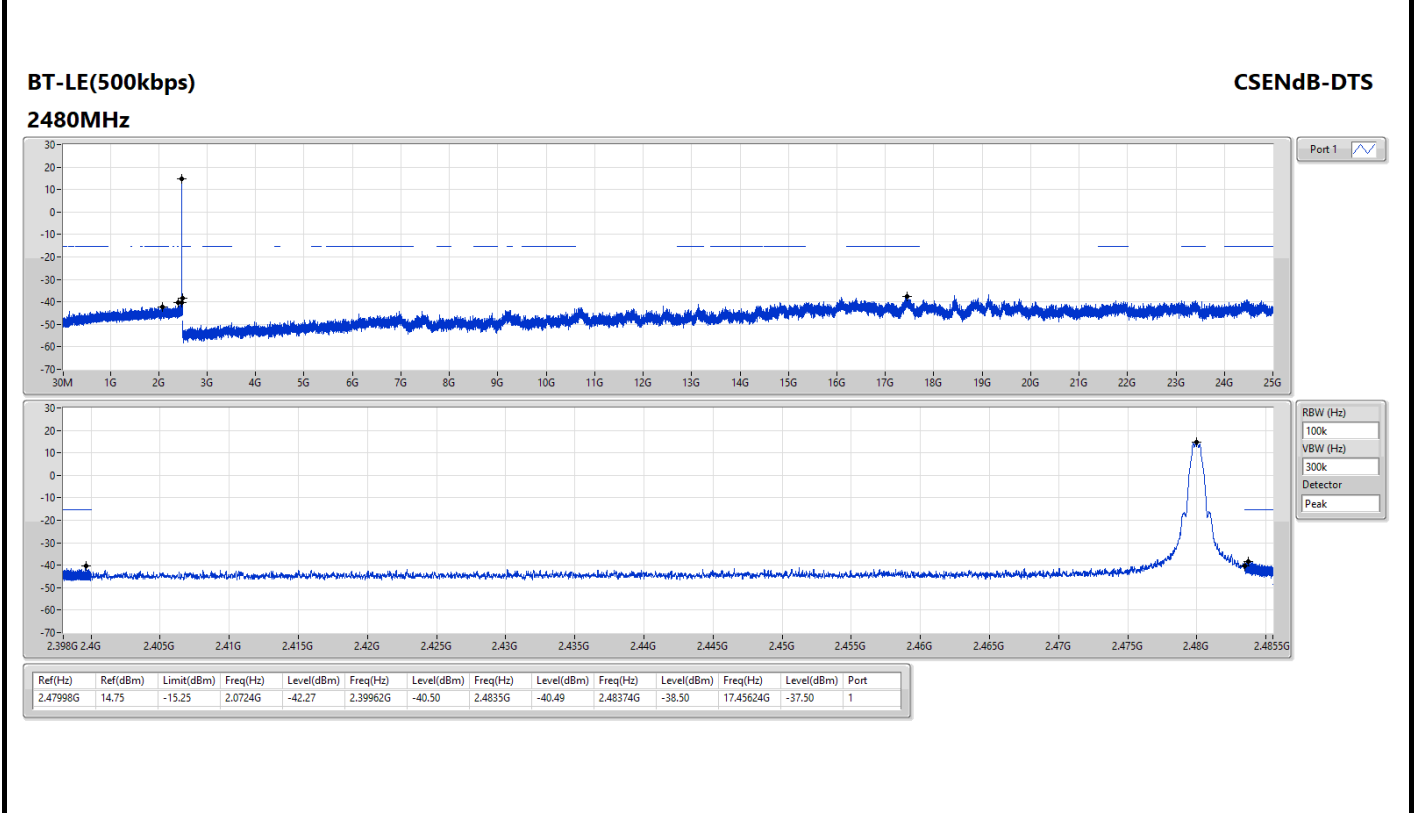
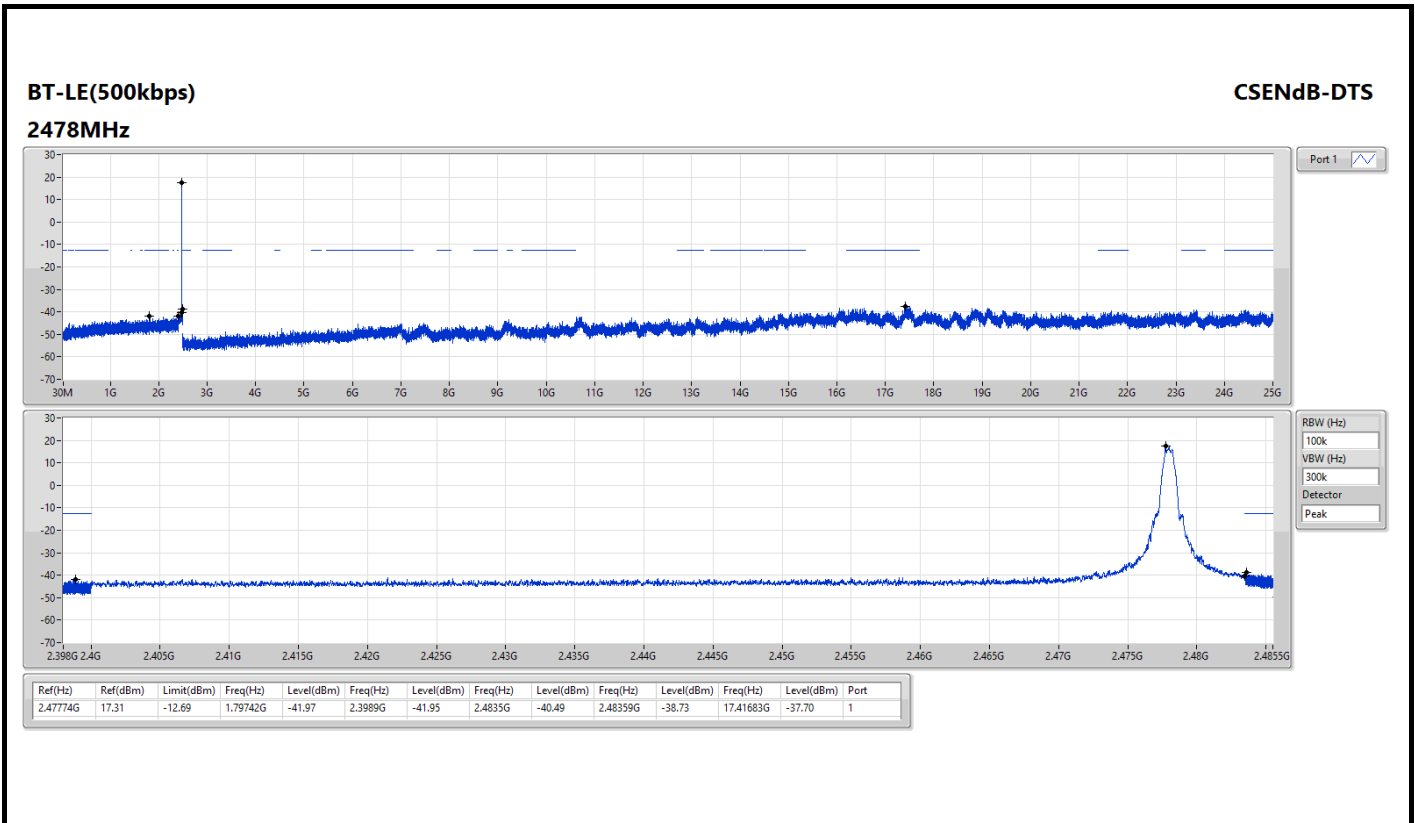
BT-LE(125kbps)

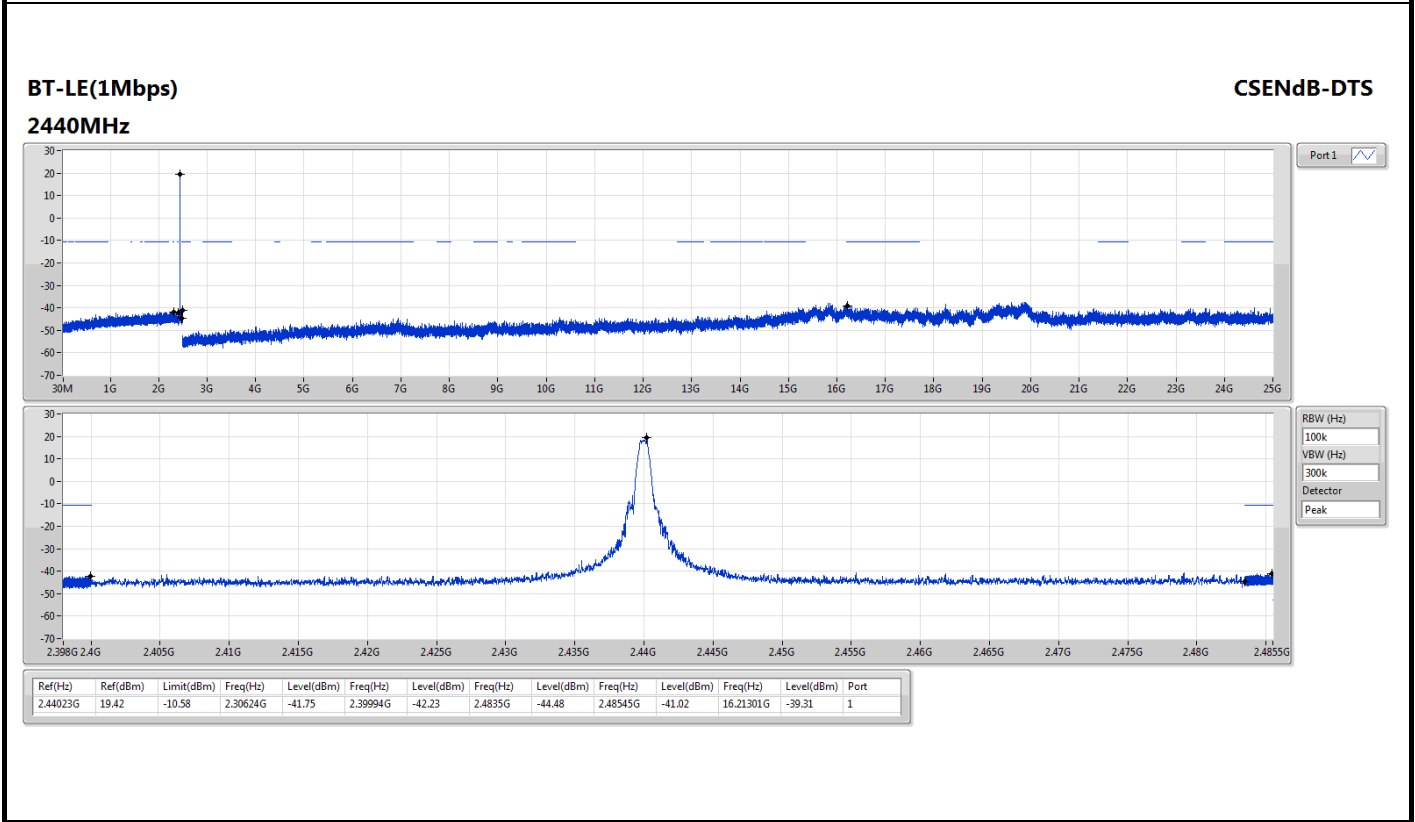
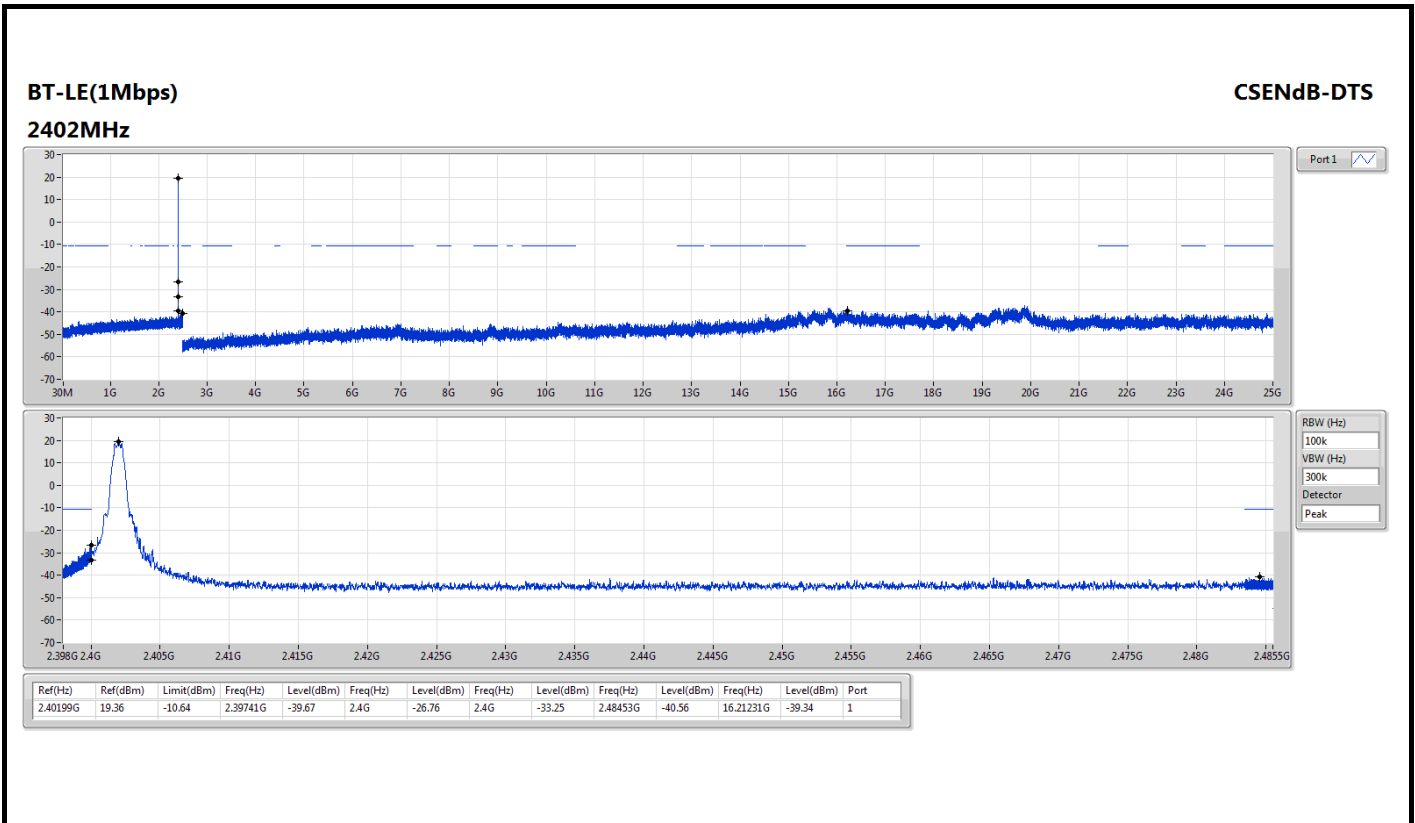
2440MHz

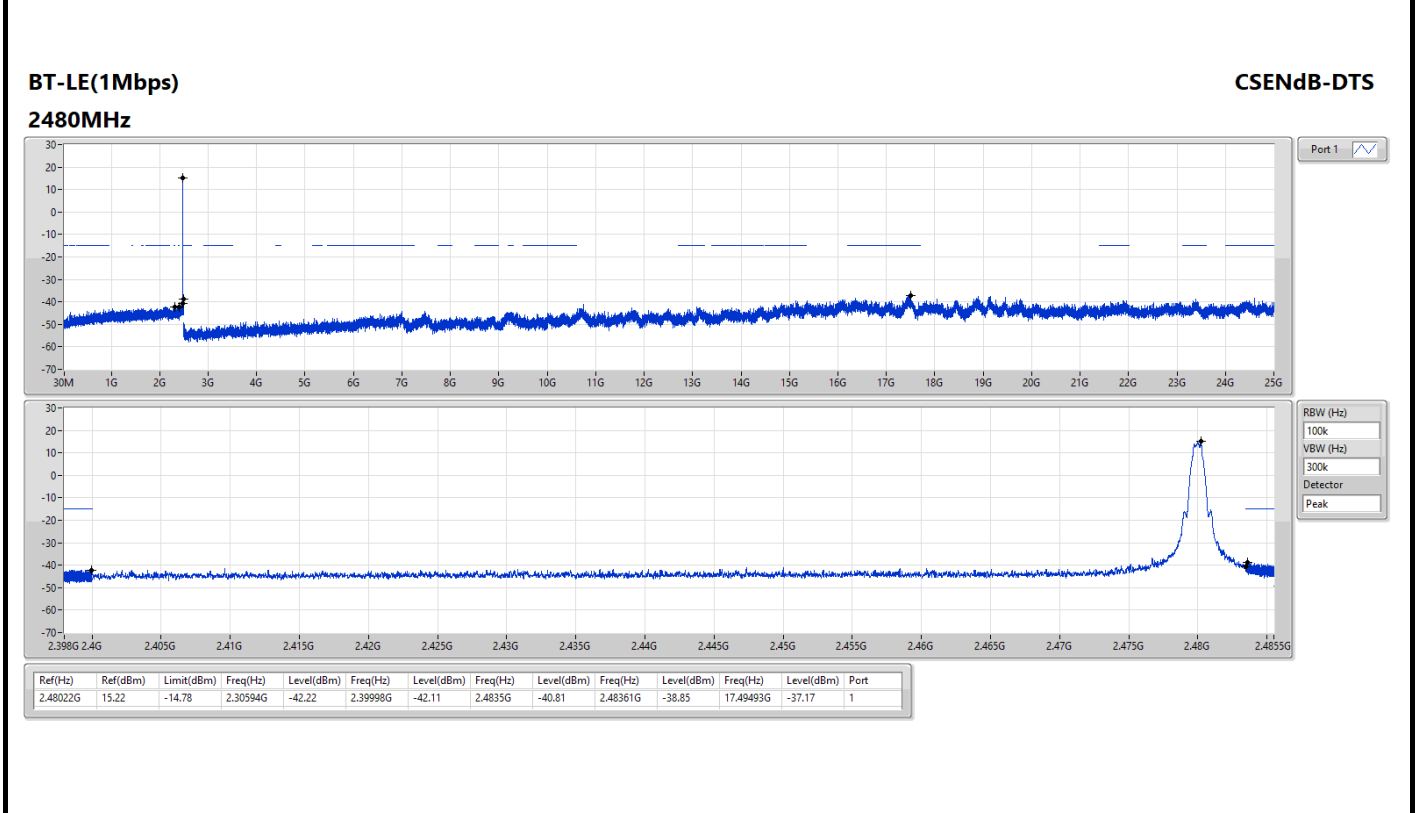
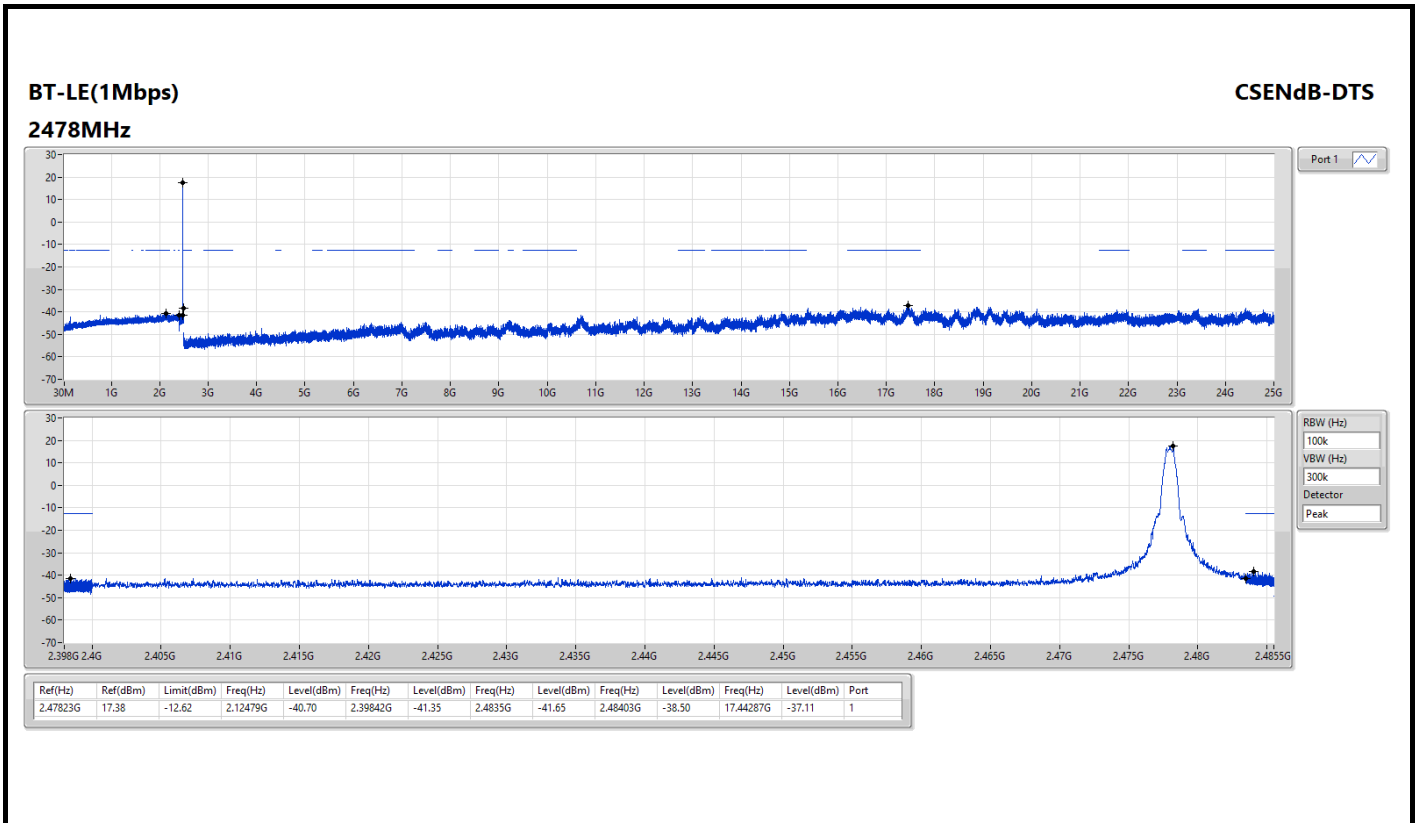
CSEndB-DTS

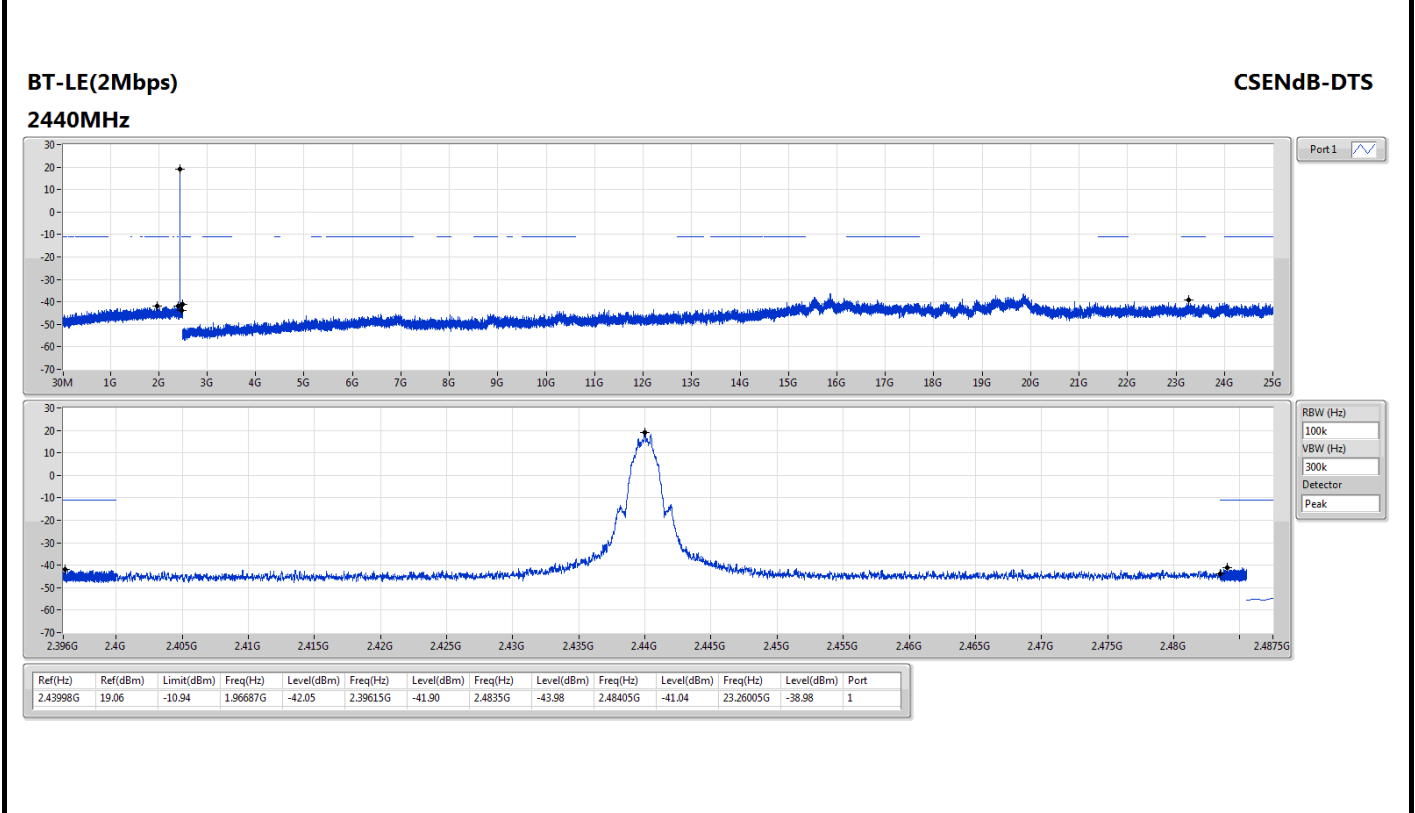
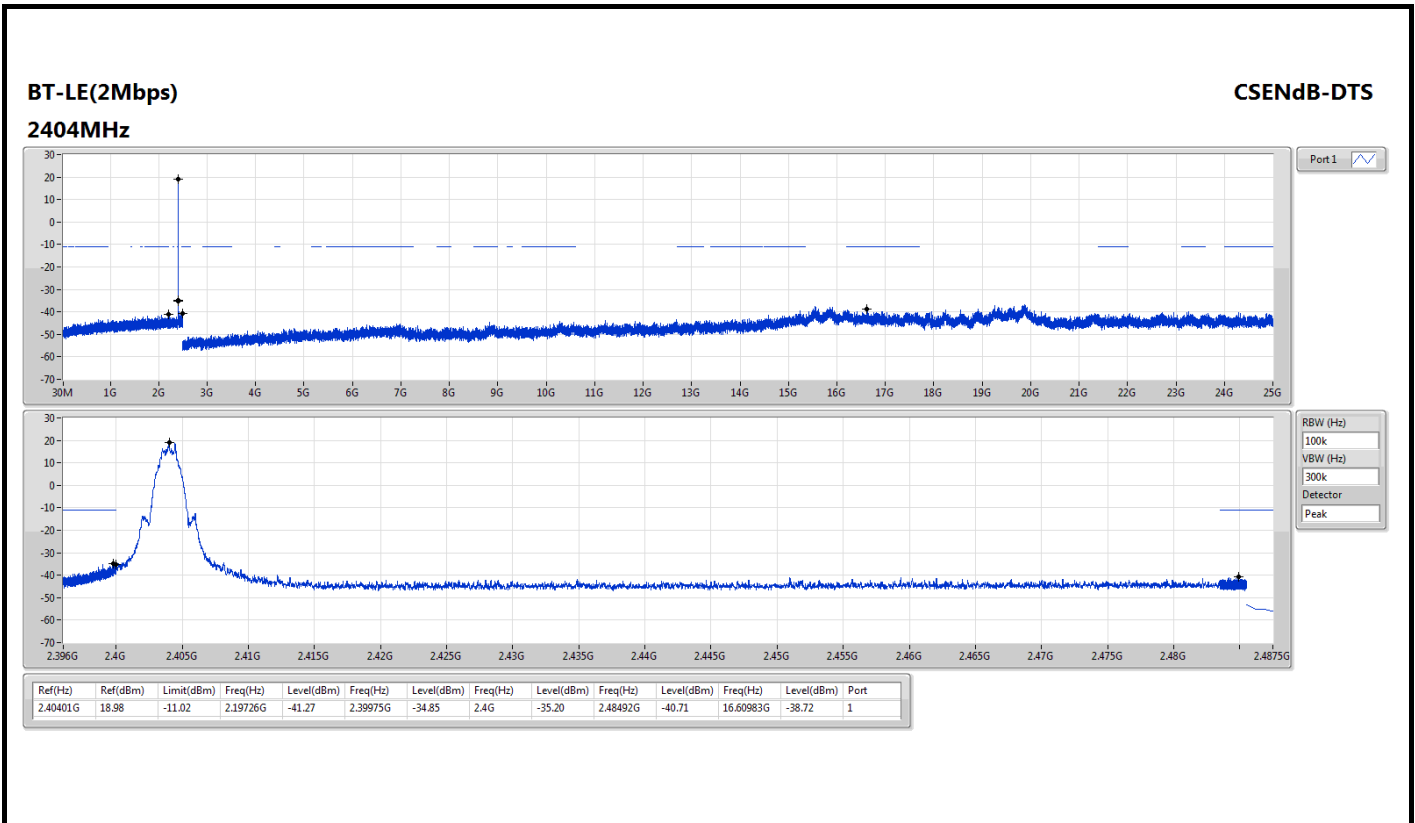


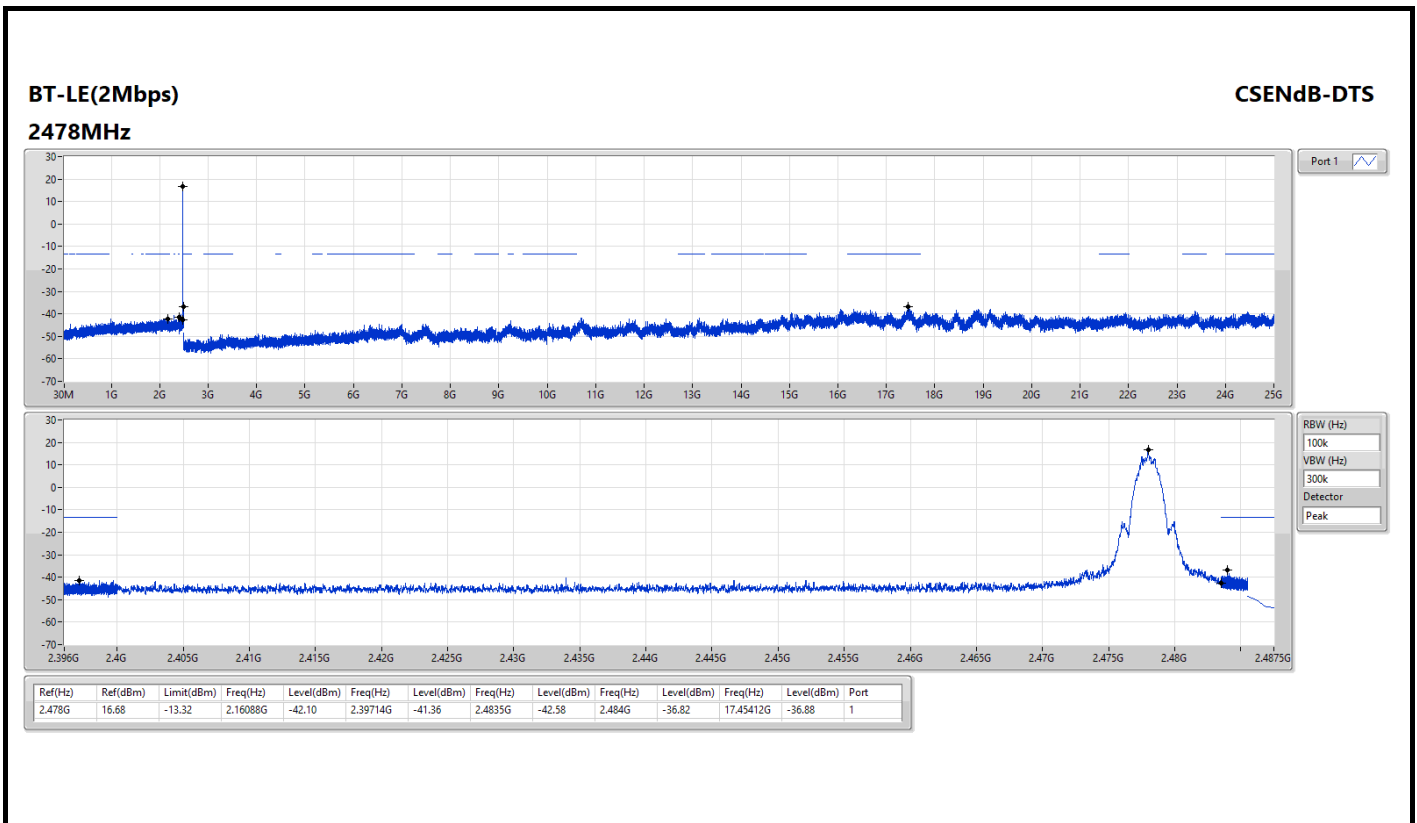










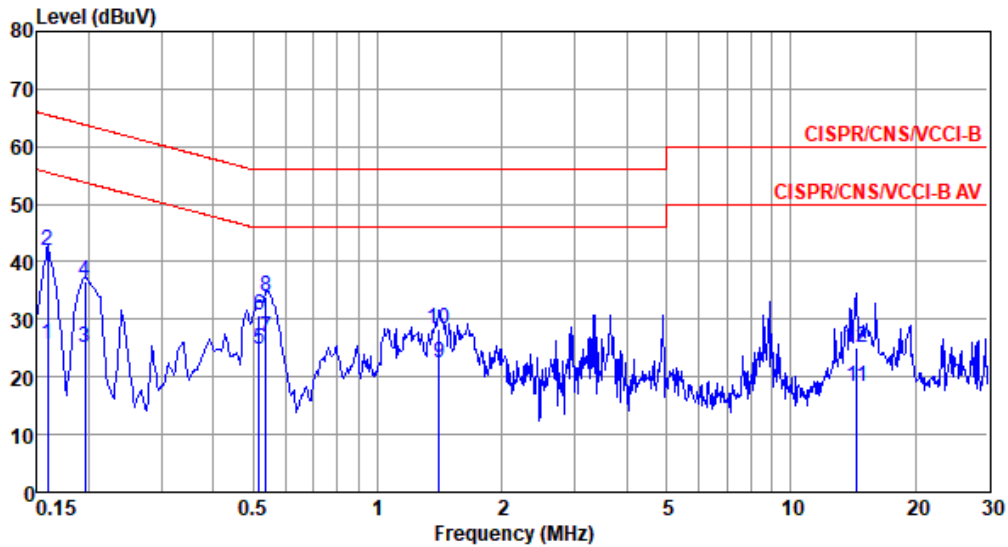




1) Configuration 1: Laird part number: 453-00142, 10dBm, Integrated Antenna

| | | | |
|-------------|--------------|------------------|------|
| Modulation | BT-LE(1Mbps) | Test Freq. (MHz) | 2402 |
| Power Phase | Line | | |

Test by : Joe Liao Temperature: 21°C Humidity: 60%



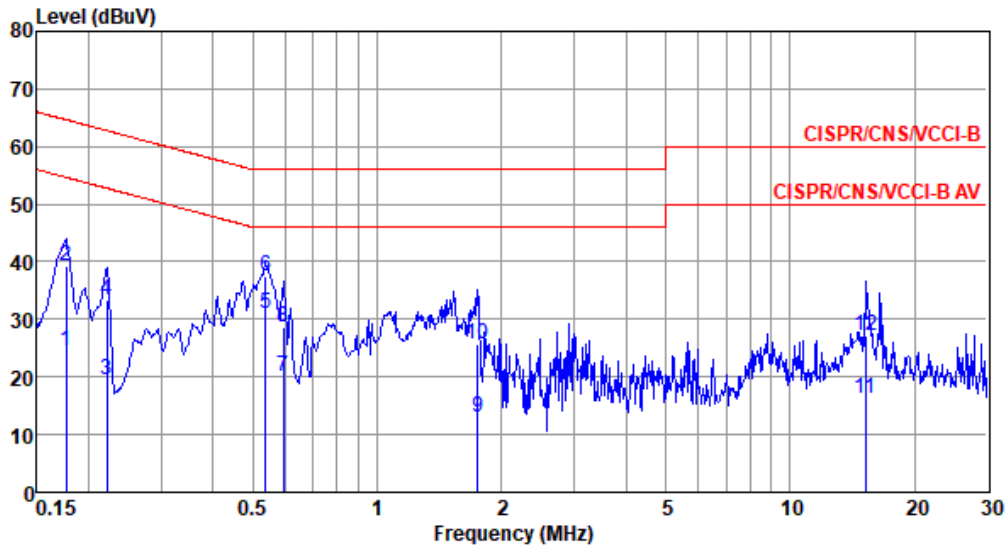
| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.159 | 25.65 | 55.52 | -29.87 | 16.00 | 9.59 | 0.06 | 0.00 | Average |
| 2 | 0.159 | 41.81 | 65.52 | -23.71 | 32.16 | 9.59 | 0.06 | 0.00 | QP |
| 3 | 0.195 | 25.23 | 53.80 | -28.57 | 15.58 | 9.59 | 0.06 | 0.00 | Average |
| 4 | 0.195 | 36.69 | 63.80 | -27.11 | 27.04 | 9.59 | 0.06 | 0.00 | QP |
| 5 | 0.516 | 24.66 | 46.00 | -21.34 | 15.00 | 9.59 | 0.07 | 0.00 | Average |
| 6 | 0.516 | 30.83 | 56.00 | -25.17 | 21.17 | 9.59 | 0.07 | 0.00 | QP |
| 7* | 0.538 | 26.77 | 46.00 | -19.23 | 17.10 | 9.59 | 0.08 | 0.00 | Average |
| 8 | 0.538 | 33.87 | 56.00 | -22.13 | 24.20 | 9.59 | 0.08 | 0.00 | QP |
| 9 | 1.411 | 22.52 | 46.00 | -23.48 | 12.80 | 9.60 | 0.12 | 0.00 | Average |
| 10 | 1.411 | 28.23 | 56.00 | -27.77 | 18.51 | 9.60 | 0.12 | 0.00 | QP |
| 11 | 14.440 | 18.33 | 50.00 | -31.67 | 8.28 | 9.62 | 0.43 | 0.00 | Average |
| 12 | 14.440 | 25.11 | 60.00 | -34.89 | 15.06 | 9.62 | 0.43 | 0.00 | QP |

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
 Note 2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).



| | | | |
|-------------|--------------|------------------|------|
| Modulation | BT-LE(1Mbps) | Test Freq. (MHz) | 2402 |
| Power Phase | Neutral | | |

Test by : Joe Liao Temperature: 21°C Humidity: 60%



| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.177 | 24.64 | 54.64 | -30.00 | 14.98 | 9.60 | 0.06 | 0.00 | Average |
| 2 | 0.177 | 39.32 | 64.64 | -25.32 | 29.66 | 9.60 | 0.06 | 0.00 | QP |
| 3 | 0.222 | 19.60 | 52.74 | -33.14 | 9.94 | 9.60 | 0.06 | 0.00 | Average |
| 4 | 0.222 | 33.25 | 62.74 | -29.49 | 23.59 | 9.60 | 0.06 | 0.00 | QP |
| 5* | 0.538 | 30.90 | 46.00 | -15.10 | 21.22 | 9.60 | 0.08 | 0.00 | Average |
| 6 | 0.538 | 37.52 | 56.00 | -18.48 | 27.84 | 9.60 | 0.08 | 0.00 | QP |
| 7 | 0.592 | 20.10 | 46.00 | -25.90 | 10.42 | 9.60 | 0.08 | 0.00 | Average |
| 8 | 0.592 | 28.57 | 56.00 | -27.43 | 18.89 | 9.60 | 0.08 | 0.00 | QP |
| 9 | 1.753 | 12.93 | 46.00 | -33.07 | 3.19 | 9.61 | 0.13 | 0.00 | Average |
| 10 | 1.753 | 25.73 | 56.00 | -30.27 | 15.99 | 9.61 | 0.13 | 0.00 | QP |
| 11 | 15.226 | 16.18 | 50.00 | -33.82 | 6.07 | 9.67 | 0.44 | 0.00 | Average |
| 12 | 15.226 | 27.05 | 60.00 | -32.95 | 16.94 | 9.67 | 0.44 | 0.00 | QP |

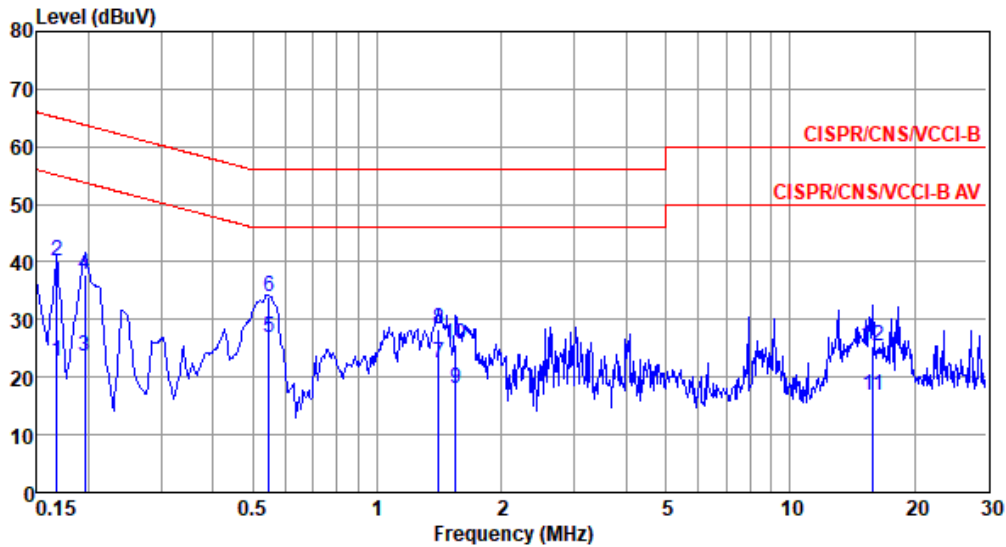
Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).



2) Configuration 2: Laird part number: 453-00145, 20dBm, Integrated Antenna

| | | | |
|-------------|--------------|------------------|------|
| Modulation | BT-LE(1Mbps) | Test Freq. (MHz) | 2402 |
| Power Phase | Line | | |

Test by : Joe Liao Temperature: 21°C Humidity: 60%



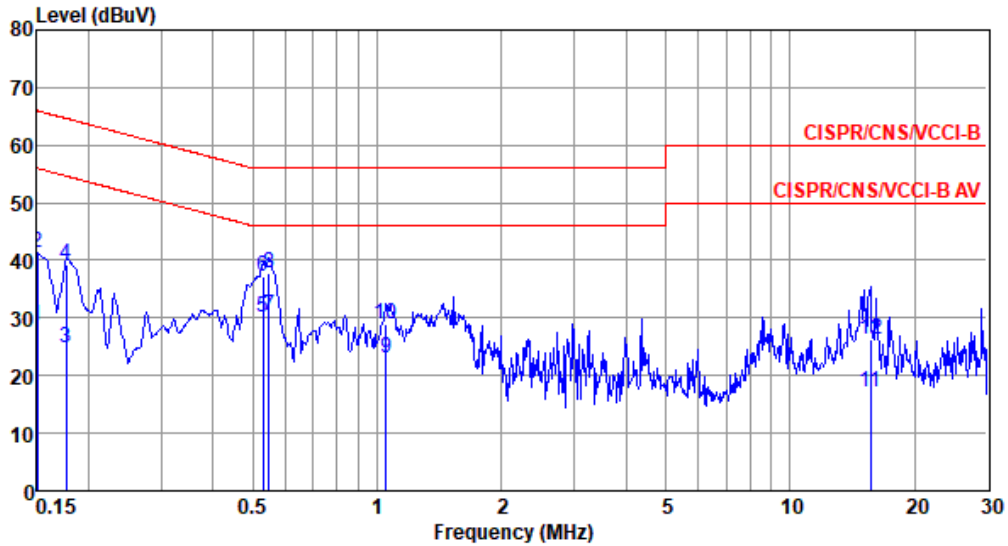
| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.168 | 22.76 | 55.08 | -32.32 | 13.11 | 9.59 | 0.06 | 0.00 | Average |
| 2 | 0.168 | 40.22 | 65.08 | -24.86 | 30.57 | 9.59 | 0.06 | 0.00 | QP |
| 3 | 0.195 | 23.72 | 53.80 | -30.08 | 14.07 | 9.59 | 0.06 | 0.00 | Average |
| 4 | 0.195 | 37.93 | 63.80 | -25.87 | 28.28 | 9.59 | 0.06 | 0.00 | QP |
| 5* | 0.546 | 26.78 | 46.00 | -19.22 | 17.11 | 9.59 | 0.08 | 0.00 | Average |
| 6 | 0.546 | 33.95 | 56.00 | -22.05 | 24.28 | 9.59 | 0.08 | 0.00 | QP |
| 7 | 1.411 | 22.44 | 46.00 | -23.56 | 12.72 | 9.60 | 0.12 | 0.00 | Average |
| 8 | 1.411 | 28.23 | 56.00 | -27.77 | 18.51 | 9.60 | 0.12 | 0.00 | QP |
| 9 | 1.552 | 18.12 | 46.00 | -27.88 | 8.39 | 9.61 | 0.12 | 0.00 | Average |
| 10 | 1.552 | 25.57 | 56.00 | -30.43 | 15.84 | 9.61 | 0.12 | 0.00 | QP |
| 11 | 15.885 | 16.94 | 50.00 | -33.06 | 6.88 | 9.61 | 0.45 | 0.00 | Average |
| 12 | 15.885 | 25.31 | 60.00 | -34.69 | 15.25 | 9.61 | 0.45 | 0.00 | QP |

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
 Note 2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).



| | | | |
|-------------|--------------|------------------|------|
| Modulation | BT-LE(1Mbps) | Test Freq. (MHz) | 2402 |
| Power Phase | Neutral | | |

Test by : Joe Liao Temperature: 21°C Humidity: 60%



| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.150 | 28.55 | 56.00 | -27.45 | 18.89 | 9.60 | 0.06 | 0.00 | Average |
| 2 | 0.150 | 41.27 | 66.00 | -24.73 | 31.61 | 9.60 | 0.06 | 0.00 | QP |
| 3 | 0.177 | 24.92 | 54.64 | -29.72 | 15.26 | 9.60 | 0.06 | 0.00 | Average |
| 4 | 0.177 | 39.39 | 64.64 | -25.25 | 29.73 | 9.60 | 0.06 | 0.00 | QP |
| 5 | 0.529 | 30.18 | 46.00 | -15.82 | 20.50 | 9.60 | 0.08 | 0.00 | Average |
| 6 | 0.529 | 37.22 | 56.00 | -18.78 | 27.54 | 9.60 | 0.08 | 0.00 | QP |
| 7* | 0.546 | 30.29 | 46.00 | -15.71 | 20.61 | 9.60 | 0.08 | 0.00 | Average |
| 8 | 0.546 | 37.80 | 56.00 | -18.20 | 28.12 | 9.60 | 0.08 | 0.00 | QP |
| 9 | 1.049 | 23.03 | 46.00 | -22.97 | 13.32 | 9.60 | 0.11 | 0.00 | Average |
| 10 | 1.049 | 28.84 | 56.00 | -27.16 | 19.13 | 9.60 | 0.11 | 0.00 | QP |
| 11 | 15.635 | 17.10 | 50.00 | -32.90 | 6.98 | 9.67 | 0.45 | 0.00 | Average |
| 12 | 15.635 | 26.22 | 60.00 | -33.78 | 16.10 | 9.67 | 0.45 | 0.00 | QP |

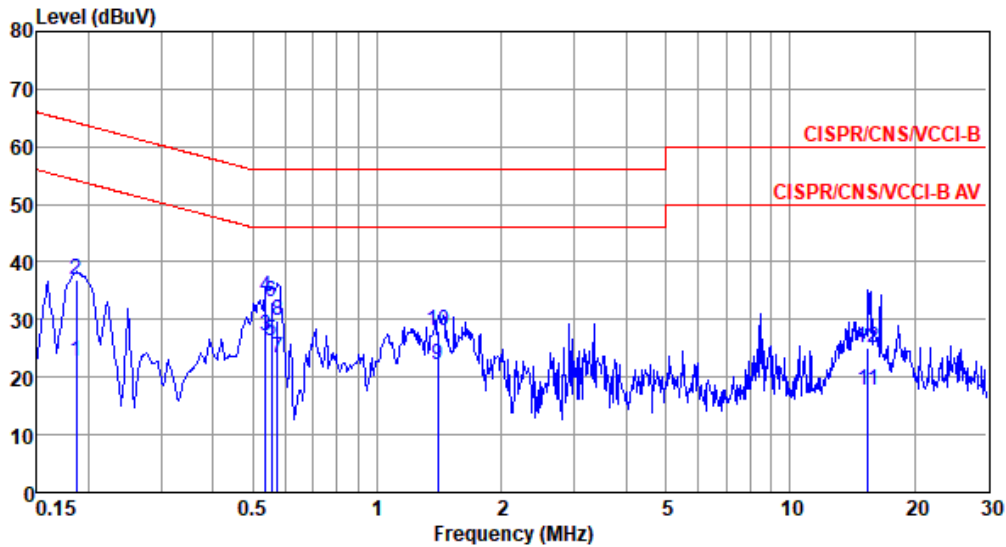
Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).



3) Configuration 3: Laird part number: 453-00148, 20dBm, RF Trace Pad (External antenna)

| | | | |
|-------------|--------------|------------------|------|
| Modulation | BT-LE(1Mbps) | Test Freq. (MHz) | 2402 |
| Power Phase | Line | | |

Test by : Joe Liao Temperature: 21°C Humidity: 60%



| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.186 | 22.62 | 54.20 | -31.58 | 12.97 | 9.59 | 0.06 | 0.00 | Average |
| 2 | 0.186 | 36.93 | 64.20 | -27.27 | 27.28 | 9.59 | 0.06 | 0.00 | QP |
| 3* | 0.538 | 27.03 | 46.00 | -18.97 | 17.36 | 9.59 | 0.08 | 0.00 | Average |
| 4 | 0.538 | 33.94 | 56.00 | -22.06 | 24.27 | 9.59 | 0.08 | 0.00 | QP |
| 5 | 0.555 | 26.31 | 46.00 | -19.69 | 16.64 | 9.59 | 0.08 | 0.00 | Average |
| 6 | 0.555 | 33.18 | 56.00 | -22.82 | 23.51 | 9.59 | 0.08 | 0.00 | QP |
| 7 | 0.573 | 23.19 | 46.00 | -22.81 | 13.52 | 9.59 | 0.08 | 0.00 | Average |
| 8 | 0.573 | 29.77 | 56.00 | -26.23 | 20.10 | 9.59 | 0.08 | 0.00 | QP |
| 9 | 1.403 | 22.10 | 46.00 | -23.90 | 12.38 | 9.60 | 0.12 | 0.00 | Average |
| 10 | 1.403 | 28.08 | 56.00 | -27.92 | 18.36 | 9.60 | 0.12 | 0.00 | QP |
| 11 | 15.470 | 17.73 | 50.00 | -32.27 | 7.67 | 9.61 | 0.45 | 0.00 | Average |
| 12 | 15.470 | 25.16 | 60.00 | -34.84 | 15.10 | 9.61 | 0.45 | 0.00 | QP |

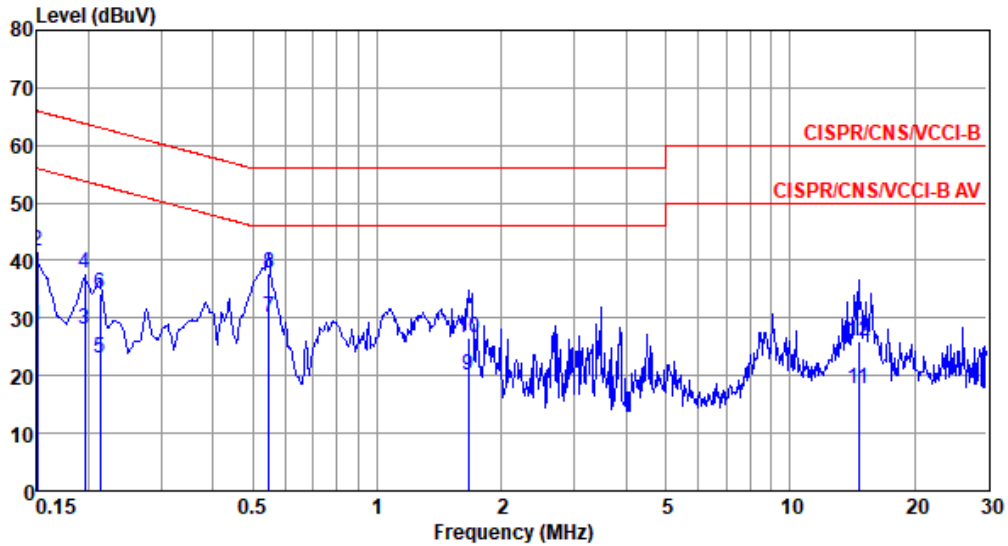
Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).



| | | | |
|-------------|--------------|------------------|------|
| Modulation | BT-LE(1Mbps) | Test Freq. (MHz) | 2402 |
| Power Phase | Neutral | | |

Test by : Joe Liao Temperature: 21°C Humidity: 60%



| | Freq MHz | Level dBuV | Limit Line dBuV | Over Limit dB | Read Level dBuV | Factor dB | Cable loss dB | Aux dB | Remark |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|--------------|---------------------|-----------|---------|
| 1 | 0.150 | 28.60 | 56.00 | -27.40 | 18.94 | 9.60 | 0.06 | 0.00 | Average |
| 2 | 0.150 | 41.59 | 66.00 | -24.41 | 31.93 | 9.60 | 0.06 | 0.00 | QP |
| 3 | 0.195 | 27.91 | 53.80 | -25.89 | 18.25 | 9.60 | 0.06 | 0.00 | Average |
| 4 | 0.195 | 37.80 | 63.80 | -26.00 | 28.14 | 9.60 | 0.06 | 0.00 | QP |
| 5 | 0.213 | 23.15 | 53.10 | -29.95 | 13.49 | 9.60 | 0.06 | 0.00 | Average |
| 6 | 0.213 | 34.18 | 63.10 | -28.92 | 24.52 | 9.60 | 0.06 | 0.00 | QP |
| 7* | 0.546 | 30.23 | 46.00 | -15.77 | 20.55 | 9.60 | 0.08 | 0.00 | Average |
| 8 | 0.546 | 37.68 | 56.00 | -18.32 | 28.00 | 9.60 | 0.08 | 0.00 | QP |
| 9 | 1.662 | 19.93 | 46.00 | -26.07 | 10.20 | 9.61 | 0.12 | 0.00 | Average |
| 10 | 1.662 | 26.59 | 56.00 | -29.41 | 16.86 | 9.61 | 0.12 | 0.00 | QP |
| 11 | 14.672 | 17.58 | 50.00 | -32.42 | 7.47 | 9.67 | 0.44 | 0.00 | Average |
| 12 | 14.672 | 26.02 | 60.00 | -33.98 | 15.91 | 9.67 | 0.44 | 0.00 | QP |

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).