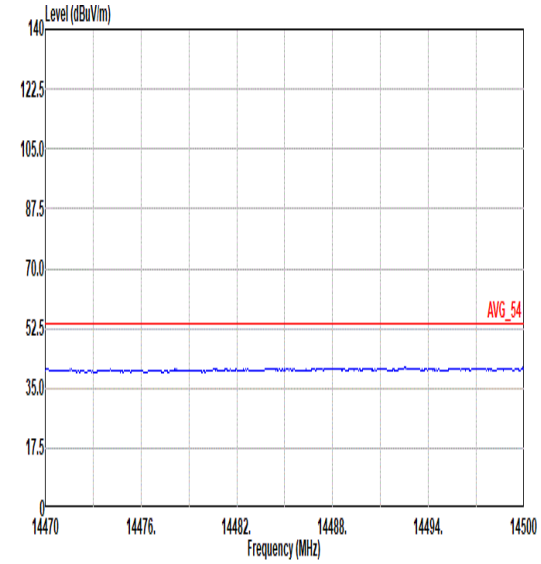
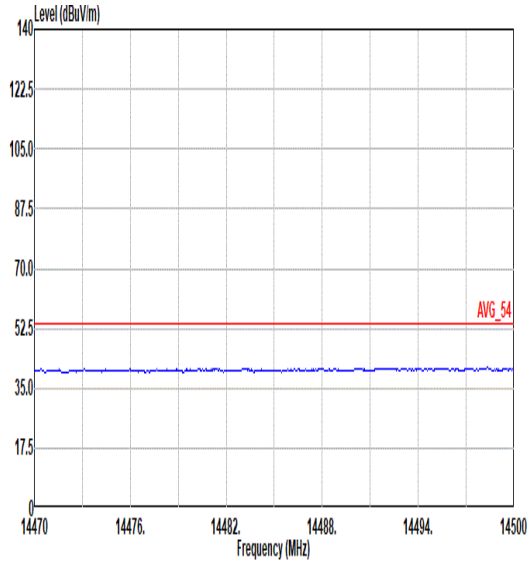
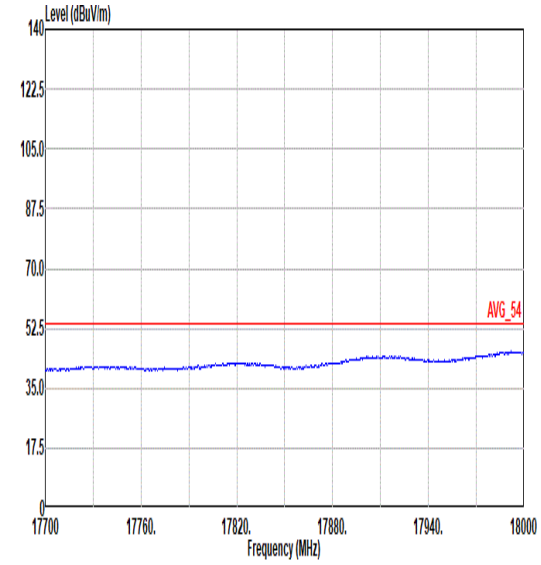
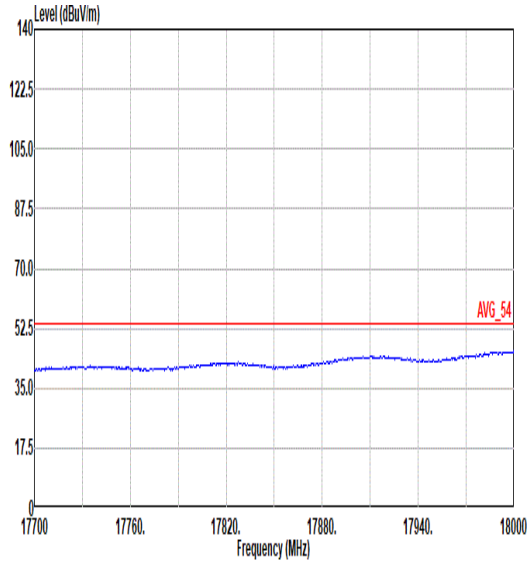
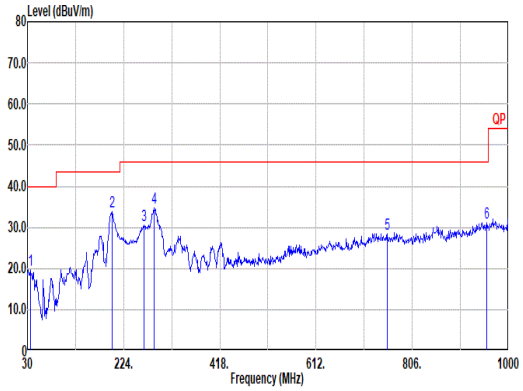
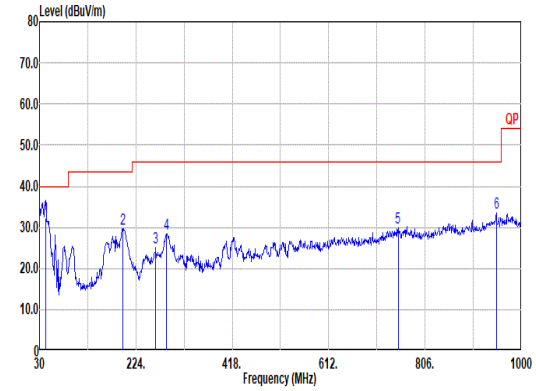
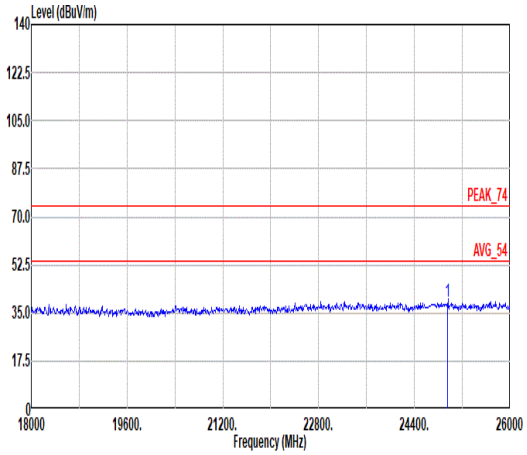
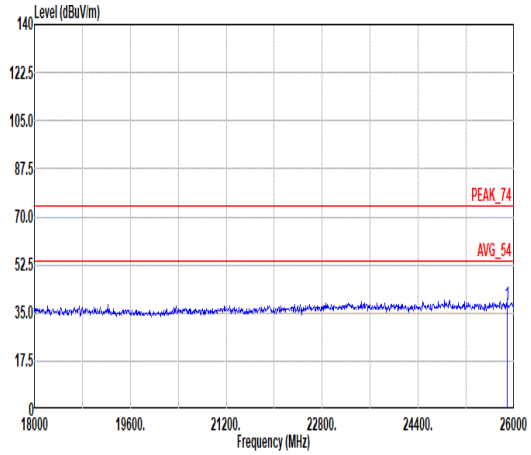
| Mode | 15 | |
|---|---|---|
| | Harmonic | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH39_2480MHz | |
| ANT | 3 | |
| Pol. | Horizontal | Vertical |
| 14.47G ~14.5G Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL |
| 17.7G ~18G Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL |

| Mode | 29 | |
|---|---|---|
| | LF | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH39_2480MHz | |
| ANT | 3 | |
| Pol. | Horizontal | Vertical |
| QP/ Peak |  <br>Site : 03CH16-HY<br>Condition: QP 3m CBL6111D&00802N1D01N-06 _47020 & 06 HORIZONTAL<br><br>1 35.82 19.59 40.00 -20.41 29.51 21.75 0.79 32.46 0.00 -- -- Peak<br>2 200.72 33.66 43.50 -9.84 49.06 15.02 1.97 32.39 0.00 -- -- Peak<br>3 264.74 30.40 46.00 -15.60 40.64 19.86 2.32 32.42 0.00 -- -- Peak<br>4 286.08 34.71 46.00 -11.29 45.67 19.02 2.43 32.41 0.00 -- -- Peak<br>5 755.56 28.42 46.00 -17.58 28.68 28.14 4.11 32.51 0.00 -- -- Peak<br>6 956.35 31.17 46.00 -14.83 27.18 30.88 4.57 31.46 0.00 -- -- Peak |  <br>Site : 03CH16-HY<br>Condition: QP 3m CBL6111D&00802N1D01N-06 _47020 & 06 VERTICAL<br><br>1 42.61 32.30 40.00 -7.70 45.85 18.05 0.87 32.47 0.00 100 139 QP<br>2 197.81 29.67 43.50 -13.83 45.19 14.91 1.95 32.38 0.00 -- -- Peak<br>3 263.77 24.93 46.00 -21.07 35.04 20.00 2.31 32.42 0.00 -- -- Peak<br>4 286.08 28.47 46.00 -17.53 39.43 19.02 2.43 32.41 0.00 -- -- Peak<br>5 751.68 29.93 46.00 -16.07 30.19 28.15 4.10 32.51 0.00 -- -- Peak<br>6 949.56 33.41 46.00 -12.59 29.63 30.75 4.55 31.52 0.00 -- -- Peak |

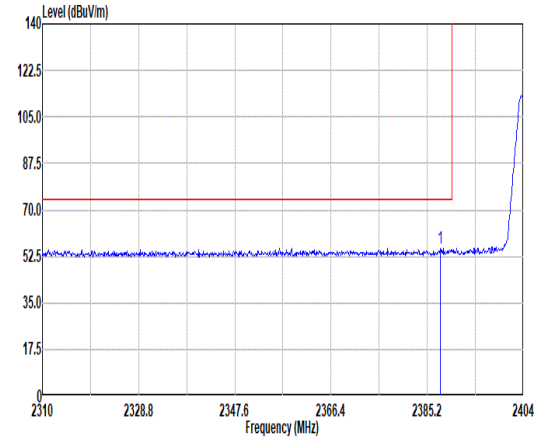
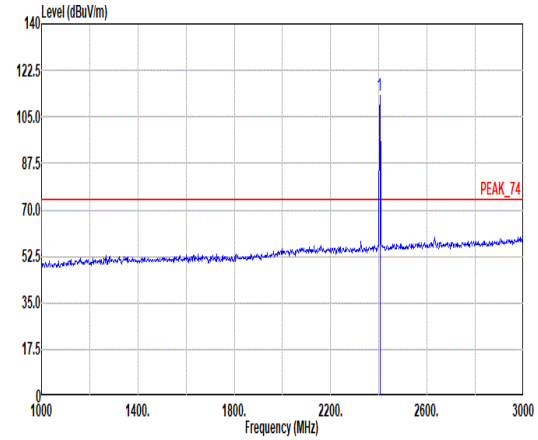
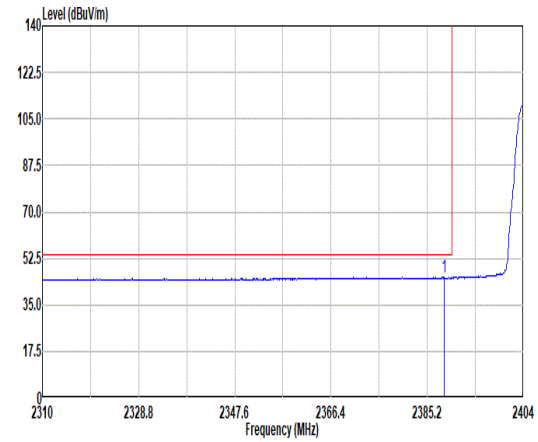
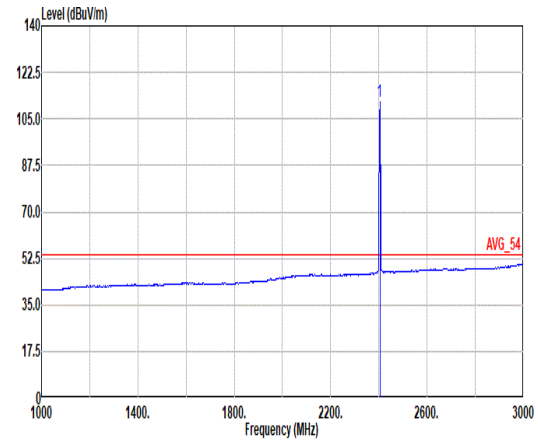
| Mode | 30 | |
|---|---|---|
| | SHF | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH39_2480MHz | |
| ANT | 3 | |
| Pol. | Horizontal | Vertical |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 1m SHF_00993_231124 HORIZONTAL<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 24958.54 38.85 74.00 -35.15 55.33 39.27 7.11 53.32 -9.54 -- -- PEAK |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 1m SHF_00993_231124 VERTICAL<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 25889.71 38.05 74.00 -35.95 54.84 38.96 7.09 53.30 -9.54 -- -- PEAK |

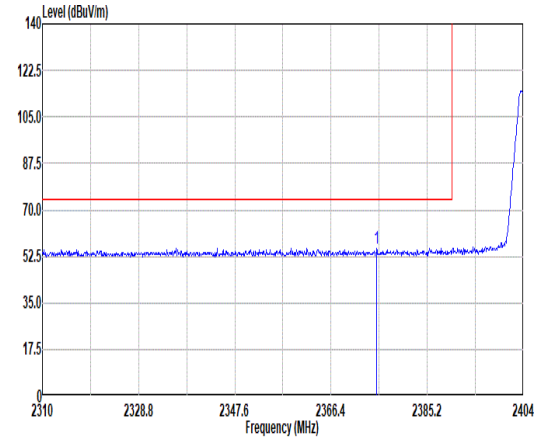
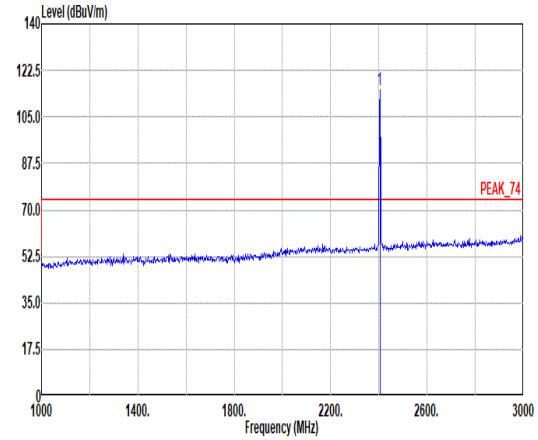
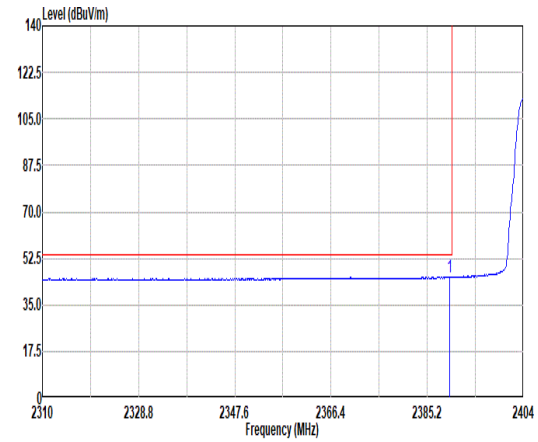
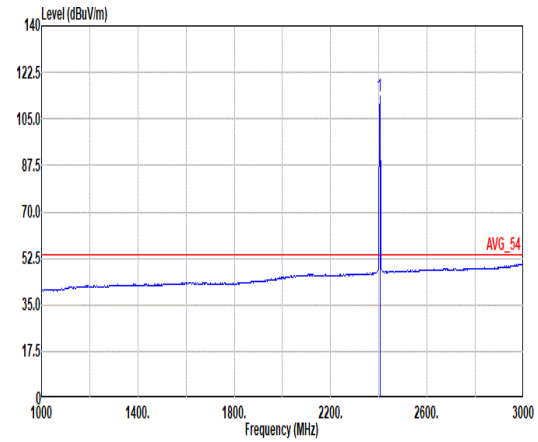
# C2-1. Radiated Spurious Emission Test Modes

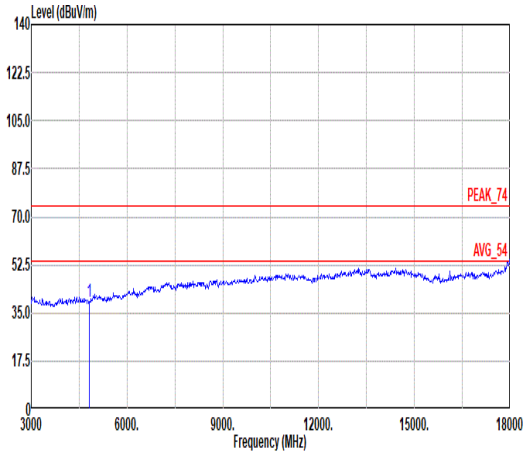
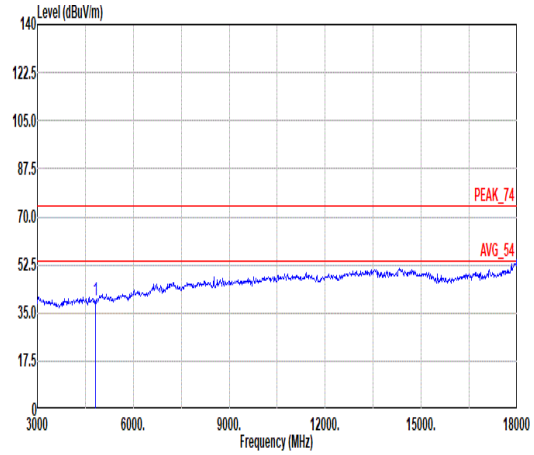
| Mode | Band (MHz) | Antenna | Modulation | Channel | Frequency | Data Rate | RU | Remark |
|---|---|---|---|---|---|---|---|---|
| Mode 16 | 2400-2483.5 | 3 | Bluetooth-LE_GFSK | 01 | 2404 | 2Mbps | - | - |
| Mode 17 | 2400-2483.5 | 3 | Bluetooth-LE_GFSK | 19 | 2440 | 2Mbps | - | - |
| Mode 18 | 2400-2483.5 | 3 | Bluetooth-LE_GFSK | 38 | 2478 | 2Mbps | - | - |

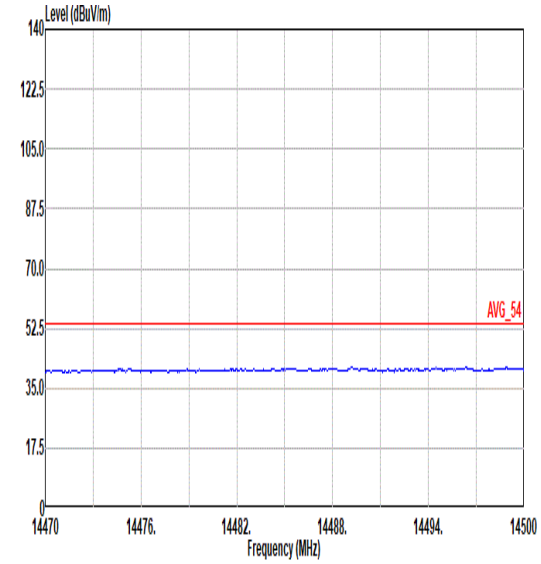
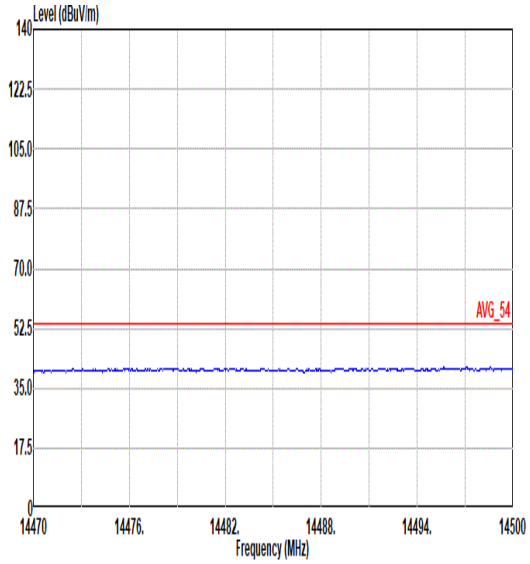
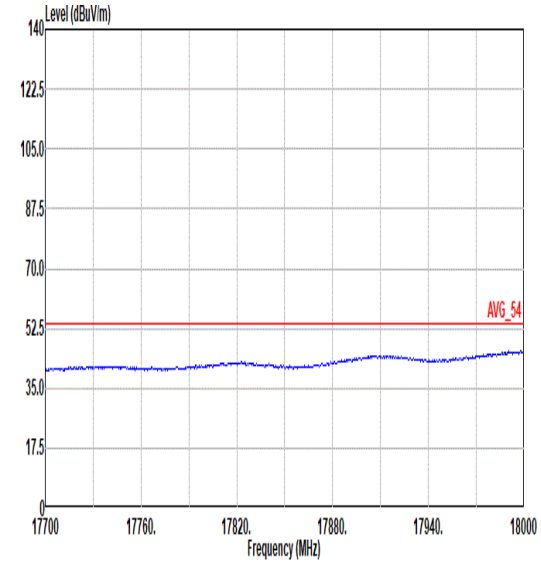
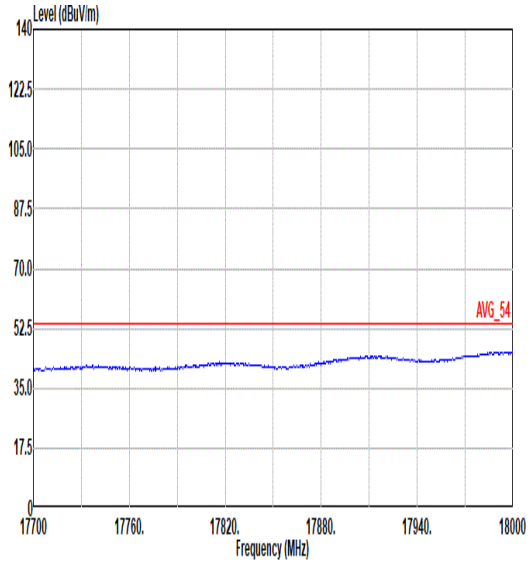
# C2-2. Summary of each worse mode

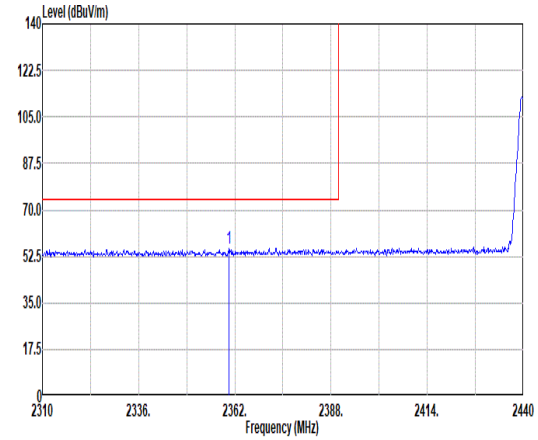
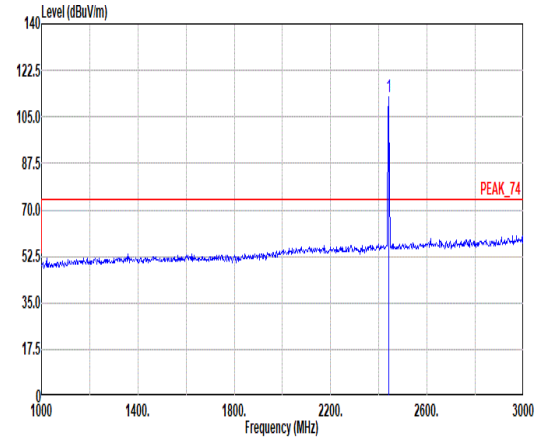
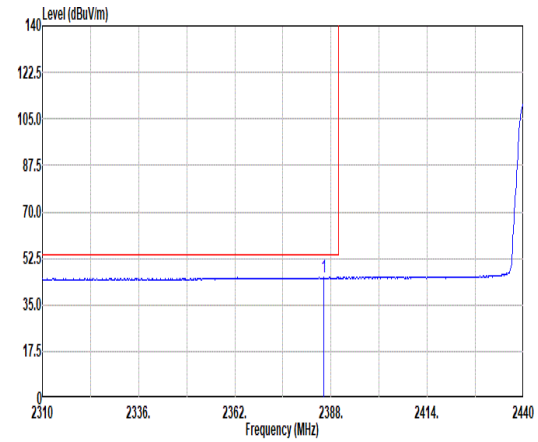
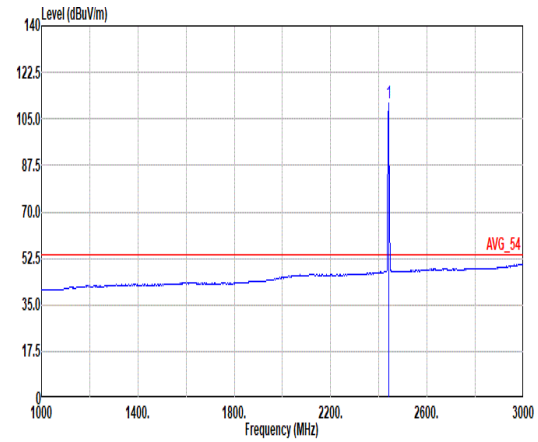
| Mode | Modulation | Ch. | Freq. (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Pol. | Peak Avg. | Result | RU | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | Bluetooth-LE_GFSK | 01 | 2389.62 | 45.47 | 54.00 | -8.53 | V | Avg. | Pass | - | Band Edge |
| | Bluetooth-LE_GFSK | 01 | 4808.00 | 39.60 | 74.00 | -34.40 | V | Peak | Pass | - | Harmonic |
| 17 | Bluetooth-LE_GFSK | 19 | 2488.24 | 45.85 | 54.00 | -8.15 | H | Avg. | Pass | - | Band Edge |
| | Bluetooth-LE_GFSK | 19 | 7320.00 | 45.00 | 74.00 | -29.00 | H | Peak | Pass | - | Harmonic |
| 18 | Bluetooth-LE_GFSK | 38 | 2483.65 | 48.24 | 54.00 | -5.76 | H | Avg. | Pass | - | Band Edge |
| | Bluetooth-LE_GFSK | 38 | 7434.00 | 44.49 | 74.00 | -29.51 | H | Peak | Pass | - | Harmonic |

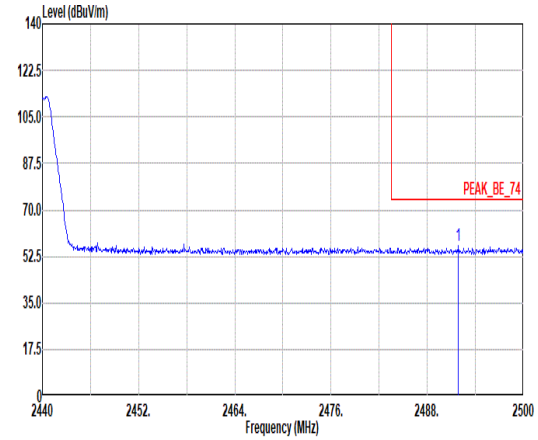
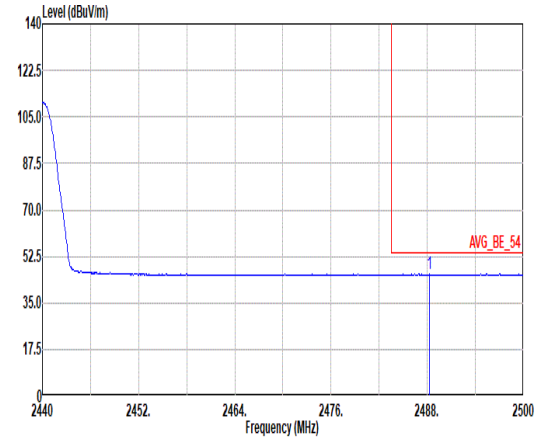
| Mode | 16 | |
|---|---|---|
| | Band Edge | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH01_2404MHz | |
| ANT | 3 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2387.74 55.68 74.00 -18.32 40.70 27.28 7.69 29.91 9.92 265 221 PEAK |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2404.00 113.17 ------ ------ 98.05 27.40 7.71 29.91 9.92 265 221 PEAK |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2388.58 45.34 54.00 -8.66 30.35 27.29 7.69 29.91 9.92 265 221 AVERAGE |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2404.00 111.58 ------ ------ 96.46 27.40 7.71 29.91 9.92 265 221 AVERAGE |

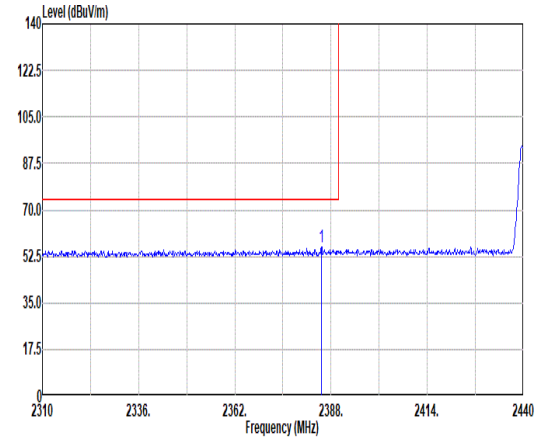
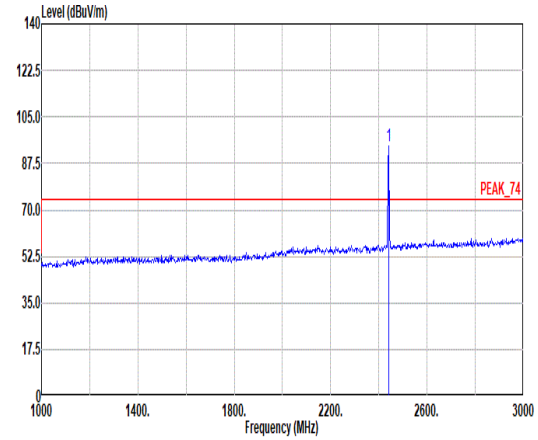
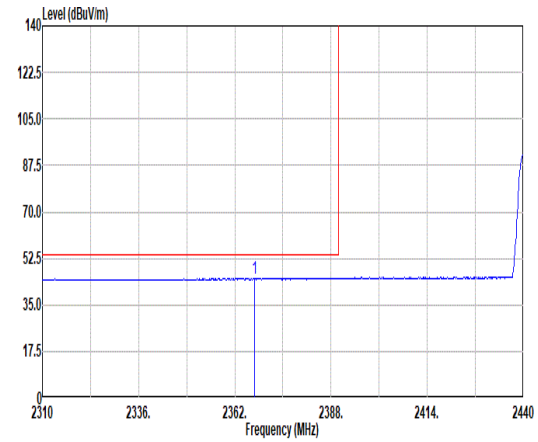
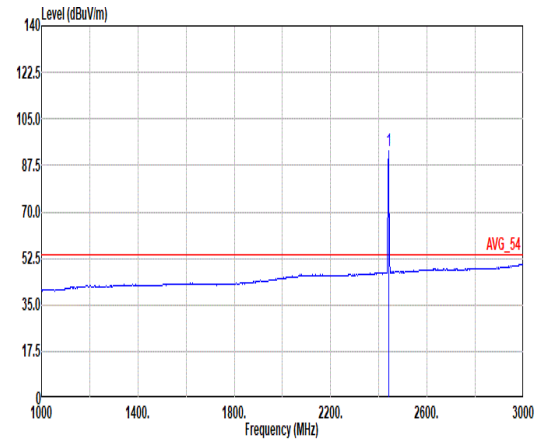
| Mode | 16 | |
|---|---|---|
| | Band Edge | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH01_2404MHz | |
| ANT | 3 | |
| Pol. | Vertical | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2375.33 55.34 74.00 -18.66 40.47 27.20 7.67 29.92 9.92 100 306 PEAK |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2404.00 115.11 ------ ------ 99.99 27.40 7.71 29.91 9.92 100 306 PEAK |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2389.62 45.47 54.00 -8.53 30.47 27.30 7.69 29.91 9.92 100 306 AVERAGE |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2404.00 113.52 ------ ------ 98.40 27.40 7.71 29.91 9.92 100 306 AVERAGE |

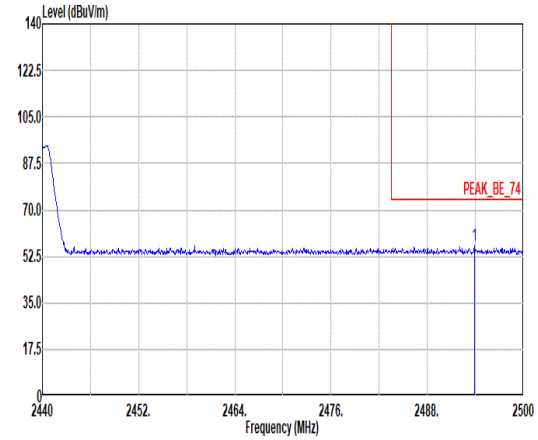
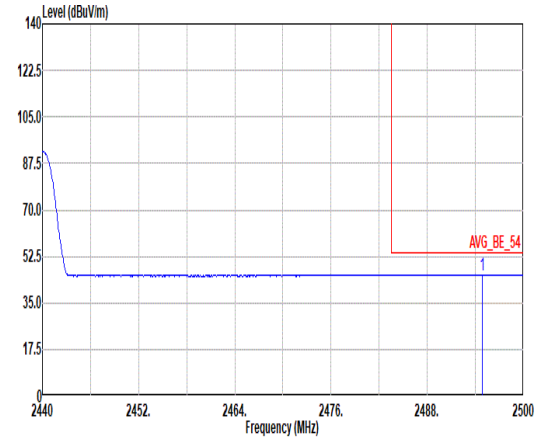
| Mode | 16 | |
|---|---|---|
| | Harmonic | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH01_2404MHz | |
| ANT | 3 | |
| Pol. | Horizontal | Vertical |
| Peak<br>Avg |  <br><br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 HORIZONTAL<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 4808.00 39.29 74.00 -34.71 61.99 32.33 10.69 66.16 0.44 -- -- PEAK |  <br><br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 VERTICAL<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 4808.00 39.60 74.00 -34.40 62.30 32.33 10.69 66.16 0.44 -- -- PEAK |

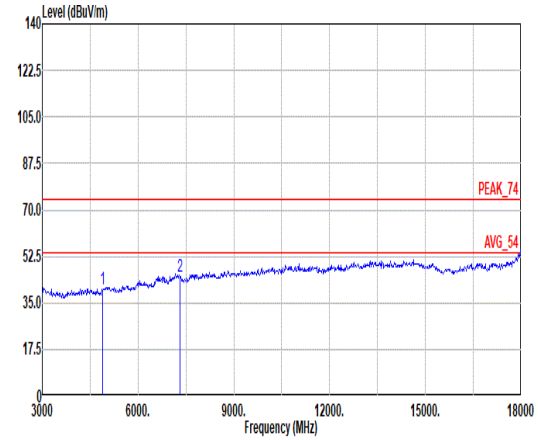
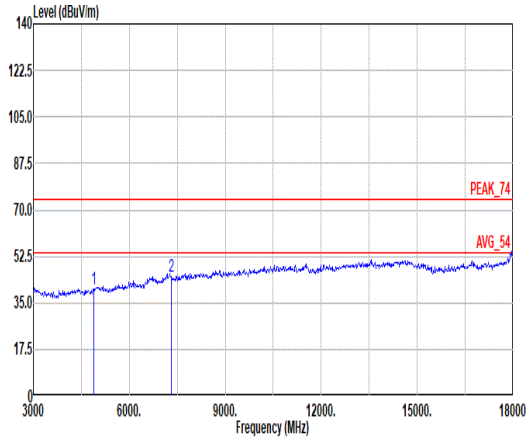
| Mode | 16 | |
|---|---|---|
| | Harmonic | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH01_2404MHz | |
| ANT | 3 | |
| Pol. | Horizontal | Vertical |
| 14.47G ~14.5G Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL |
| 17.7G ~18G Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL |

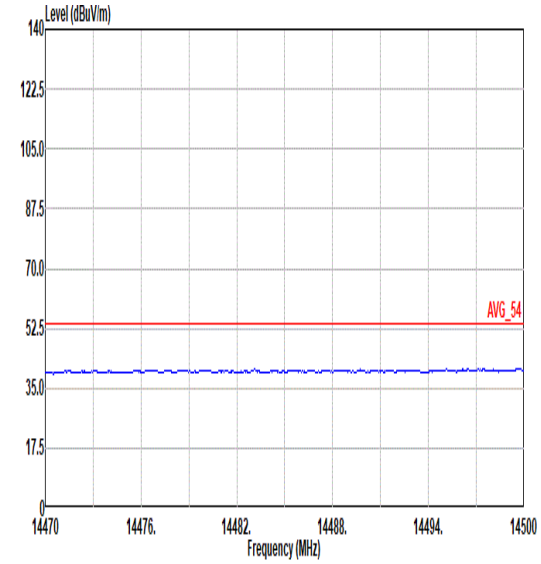
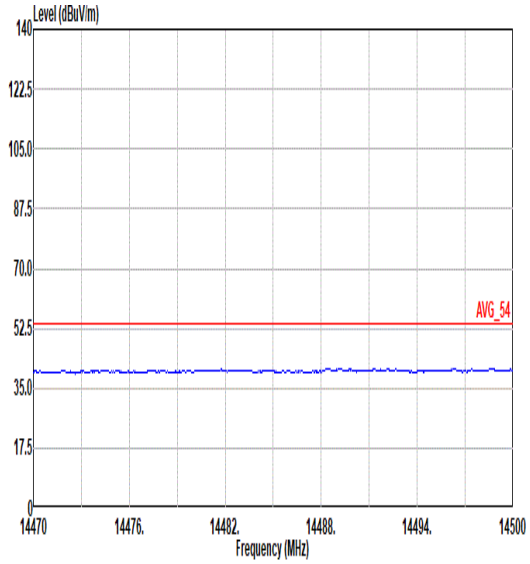
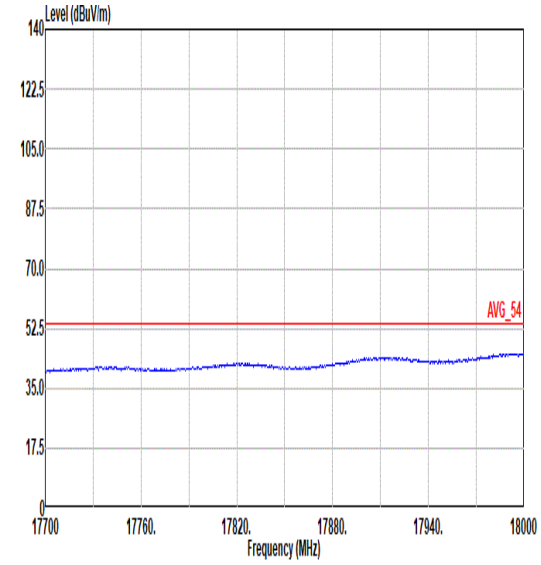
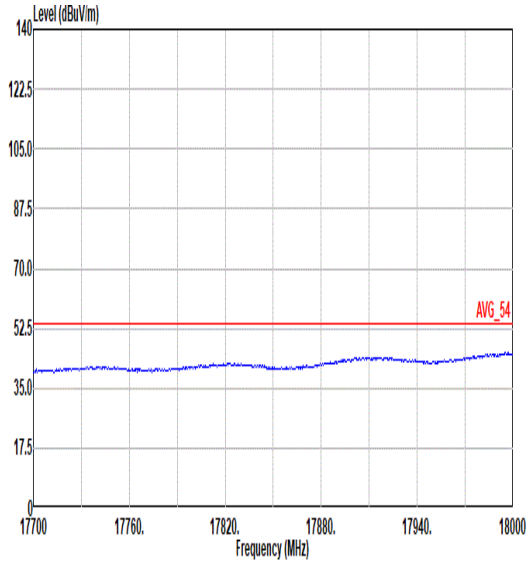
| Mode | 17 | |
|---|---|---|
| | Band Edge - L | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH19_2440MHz | |
| ANT | 3 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2360.31 55.53 74.00 -18.47 40.69 27.20 7.64 29.92 9.92 300 298 PEAK |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2440.00 112.70 ------ ------ 97.40 27.60 7.68 29.90 9.92 300 298 PEAK |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2386.05 45.32 54.00 -8.68 30.36 27.26 7.69 29.91 9.92 300 298 AVERAGE |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2440.00 111.13 ------ ------ 95.83 27.60 7.68 29.90 9.92 300 298 AVERAGE |

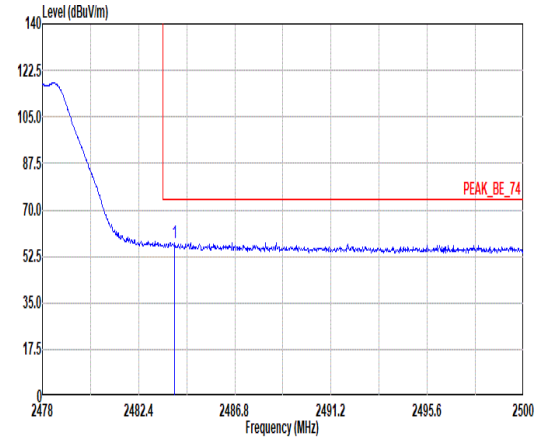
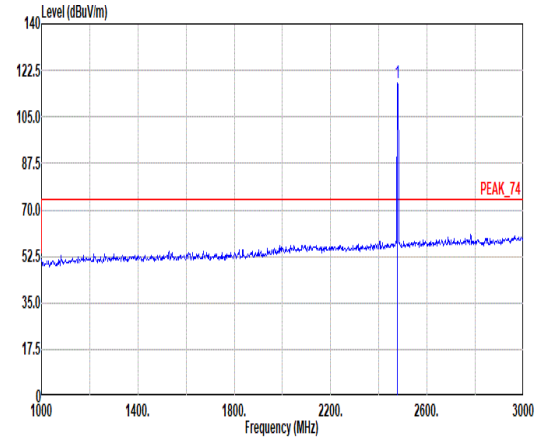
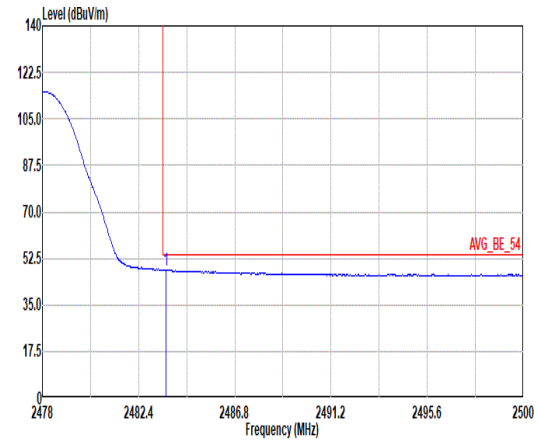
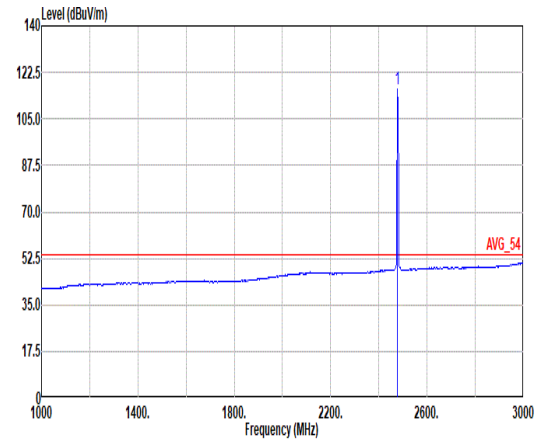
| Mode | 17 | |
|---|---|---|
| | Band Edge - R | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH19_2440MHz | |
| ANT | 3 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2491.90 56.51 74.00 -17.49 41.13 27.70 7.64 29.88 9.92 300 298 PEAK | Blank |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2488.24 45.85 54.00 -8.15 30.47 27.70 7.64 29.88 9.92 300 298 AVERAGE | Blank |

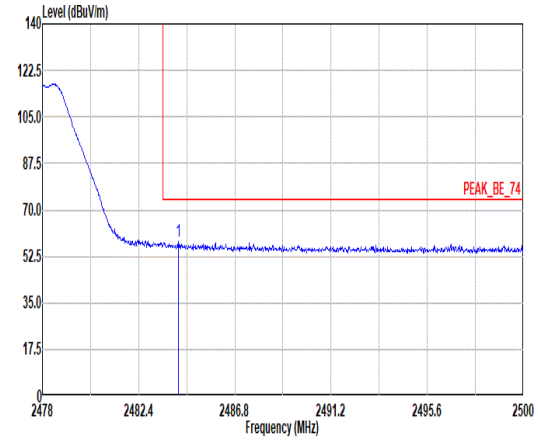
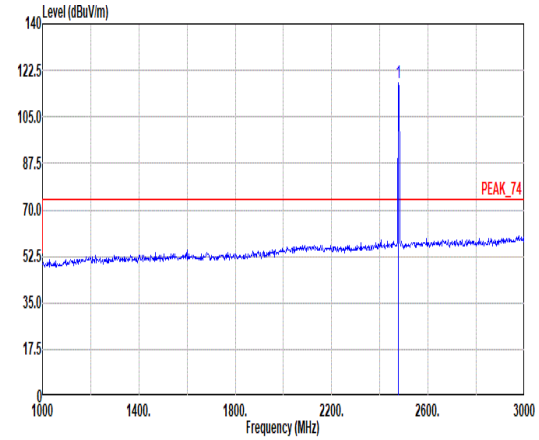
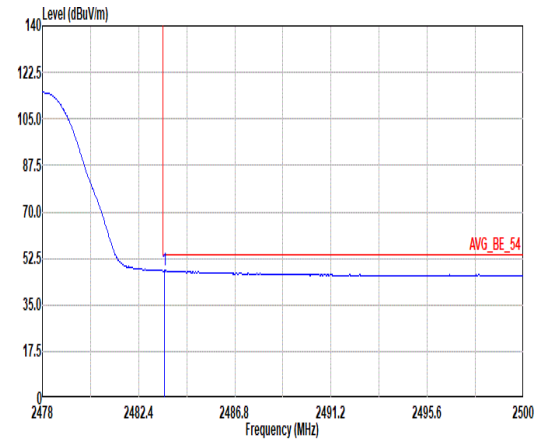
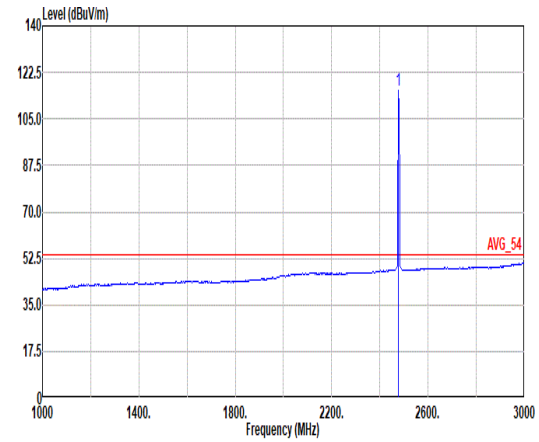
| Mode | 17 | |
|---|---|---|
| | Band Edge - L | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH19_2440MHz | |
| ANT | 3 | |
| Pol. | Vertical | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2385.40 56.17 74.00 -17.83 41.23 27.25 7.68 29.91 9.92 261 0 PEAK |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2440.00 94.26 ------ ------ 78.96 27.60 7.68 29.90 9.92 261 0 PEAK |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2367.33 45.05 54.00 -8.95 30.20 27.20 7.65 29.92 9.92 261 0 AVERAGE |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2440.00 92.79 ------ ------ 77.49 27.60 7.68 29.90 9.92 261 0 AVERAGE |

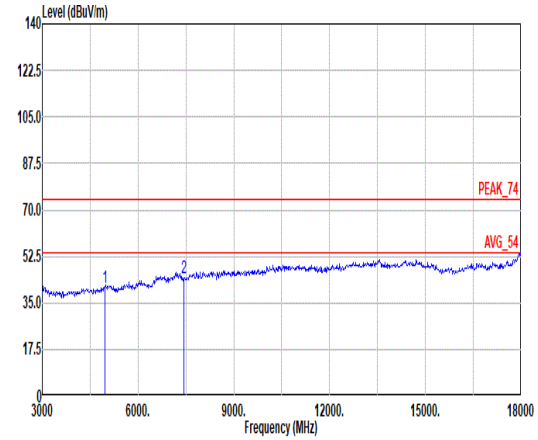
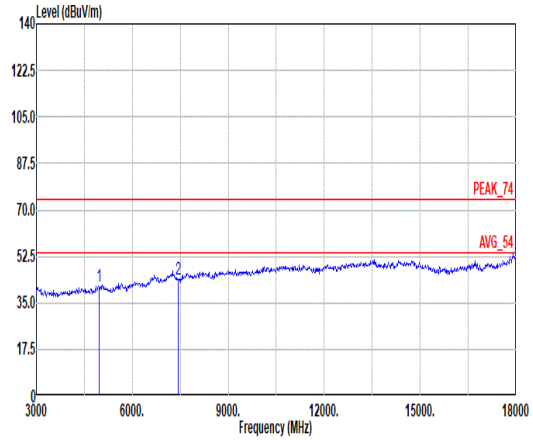
| Mode | 17 | |
|---|---|---|
| | Band Edge - R | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH19_2440MHz | |
| ANT | 3 | |
| Pol. | Vertical | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2493.94 56.32 74.00 -17.68 40.95 27.70 7.63 29.88 9.92 261 0 PEAK | Blank |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2494.84 45.63 54.00 -8.37 30.26 27.70 7.63 29.88 9.92 261 0 AVERAGE | Blank |

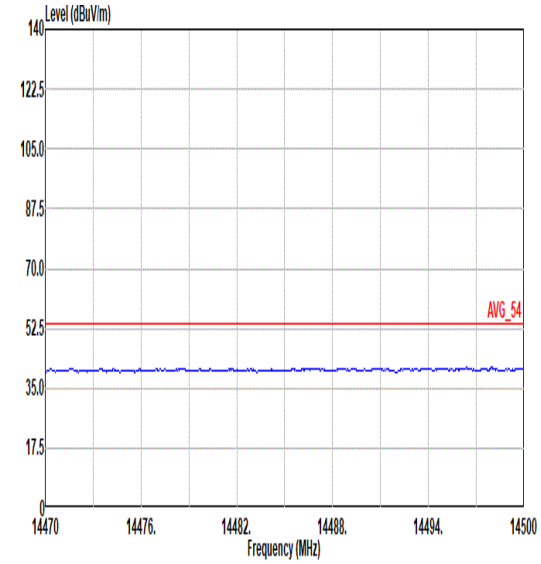
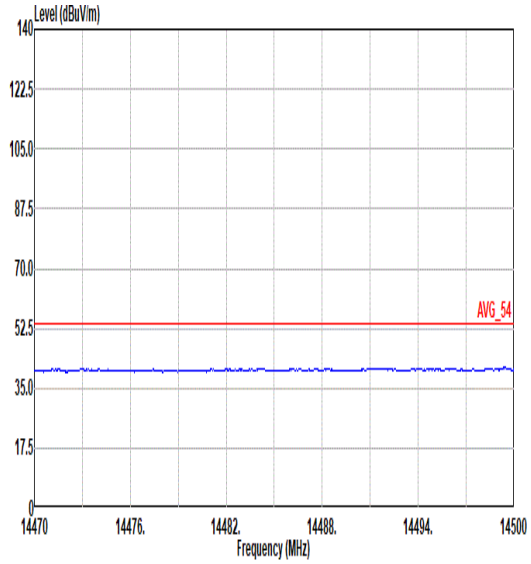
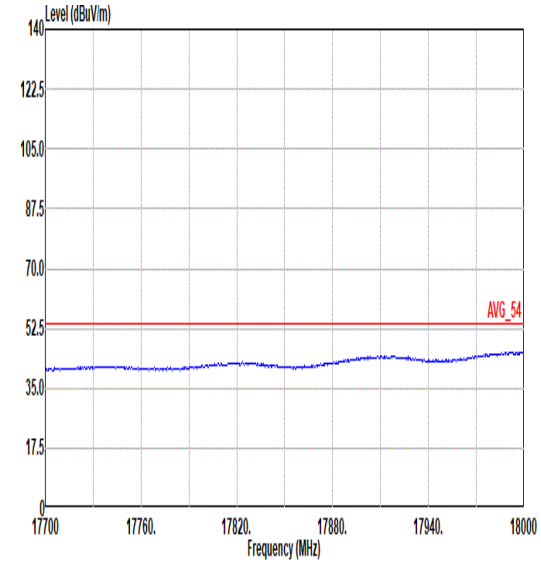
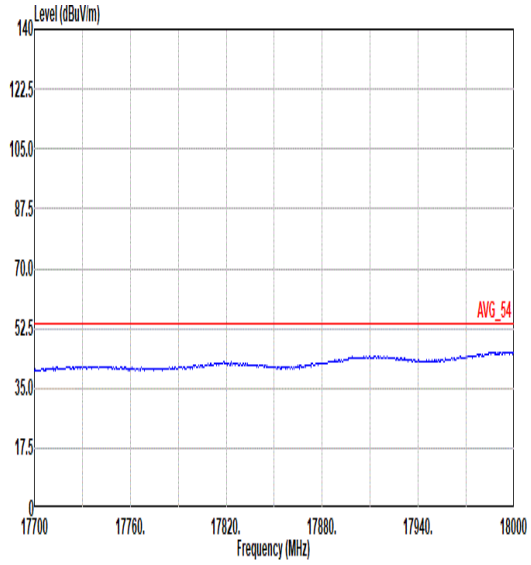
| Mode | 17 | |
|---|---|---|
| | Harmonic | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH19_2440MHz | |
| ANT | 3 | |
| Pol. | Horizontal | Vertical |
| Peak<br>Avg |  <br><br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 HORIZONTAL<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 4880.00 40.22 74.00 -33.78 62.30 32.62 10.88 66.02 0.44 -- -- PEAK<br>2 7320.00 45.00 74.00 -29.00 59.88 36.78 13.36 65.46 0.44 -- -- PEAK |  <br><br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 VERTICAL<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 4880.00 40.35 74.00 -33.65 62.43 32.62 10.88 66.02 0.44 -- -- PEAK<br>2 7320.00 44.68 74.00 -29.32 59.56 36.78 13.36 65.46 0.44 -- -- PEAK |

| Mode | 17 | |
|---|---|---|
| | Harmonic | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH19_2440MHz | |
| ANT | 3 | |
| Pol. | Horizontal | Vertical |
| 14.47G ~14.5G Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL |
| 17.7G ~18G Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL |

| Mode | 18 | |
|---|---|---|
| | Band Edge | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH38_2478MHz | |
| ANT | 3 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2484.05 57.83 74.00 -16.17 42.45 27.70 7.64 29.88 9.92 356 317 PEAK |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2478.00 117.96 ------ ------ 102.60 27.68 7.65 29.89 9.92 356 317 PEAK |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2483.65 48.24 54.00 -5.76 32.86 27.70 7.64 29.88 9.92 356 317 AVERAGE |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2478.00 116.32 ------ ------ 100.96 27.68 7.65 29.89 9.92 356 317 AVERAGE |

| Mode | 18 | |
|---|---|---|
| | Band Edge | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH38_2478MHz | |
| ANT | 3 | |
| Pol. | Vertical | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2484.20 57.99 74.00 -16.01 42.61 27.70 7.64 29.88 9.92 102 275 PEAK |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2478.00 117.55 ------ ------ 102.19 27.68 7.65 29.89 9.92 102 275 PEAK |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2483.59 47.85 54.00 -6.15 32.47 27.70 7.64 29.88 9.92 102 275 AVERAGE |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2478.00 115.89 ------ ------ 100.53 27.68 7.65 29.89 9.92 102 275 AVERAGE |

| Mode | 18 | |
|---|---|---|
| | Harmonic | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH38_2478MHz | |
| ANT | 3 | |
| Pol. | Horizontal | Vertical |
| Peak<br>Avg |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 HORIZONTAL<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 4956.00 40.92 74.00 -33.08 62.26 33.01 11.08 65.88 0.45 -- -- PEAK<br>2 7434.00 44.49 74.00 -29.51 59.75 36.33 13.47 65.46 0.40 -- -- PEAK |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 VERTICAL<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 4956.00 41.04 74.00 -32.96 62.38 33.01 11.08 65.88 0.45 -- -- PEAK<br>2 7434.00 43.90 74.00 -30.10 59.16 36.33 13.47 65.46 0.40 -- -- PEAK |

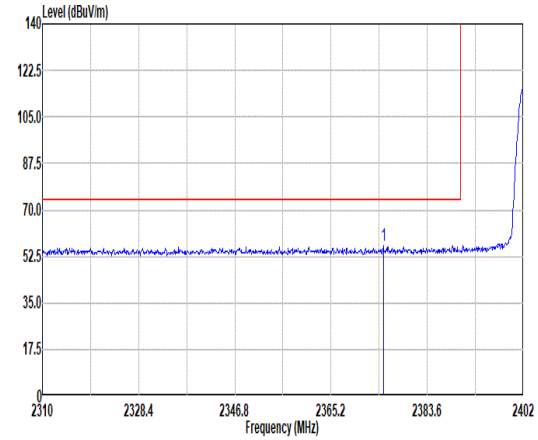
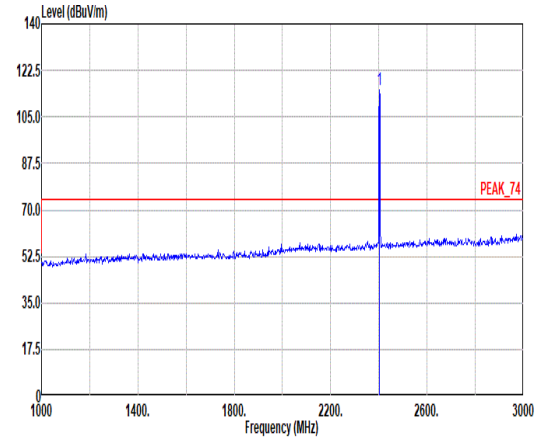
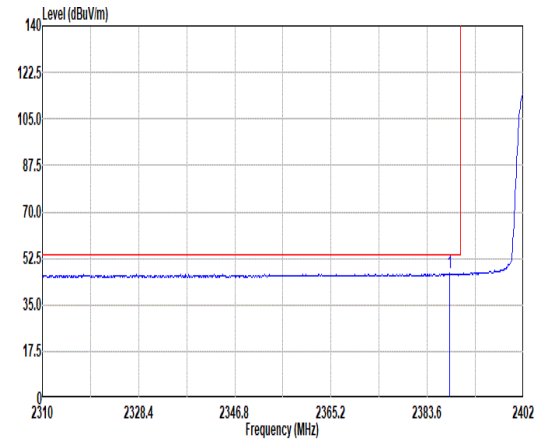
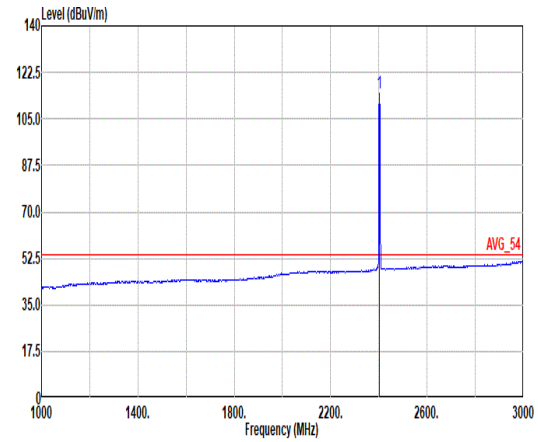
| Mode | 18 | |
|---|---|---|
| | Harmonic | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH38_2478MHz | |
| ANT | 3 | |
| Pol. | Horizontal | Vertical |
| 14.47G ~14.5G Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL |
| 17.7G ~18G Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL |

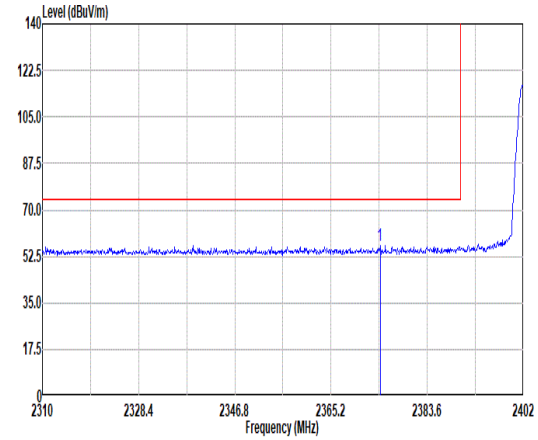
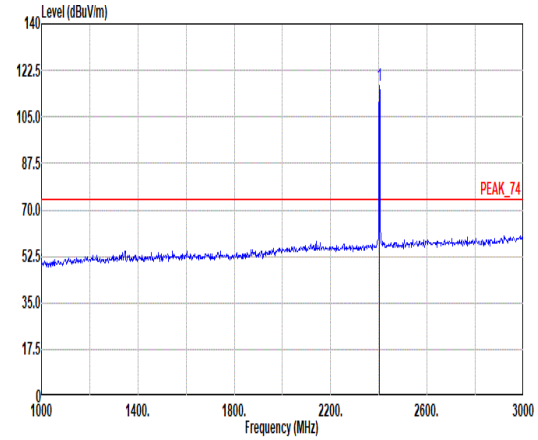
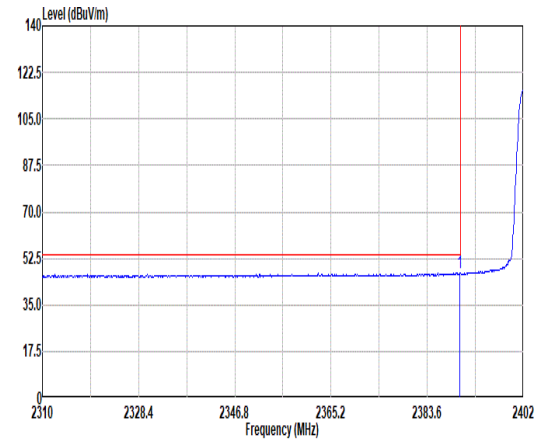
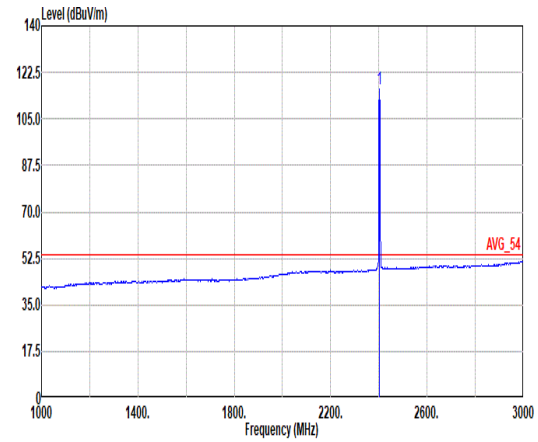
# C3-1. Radiated Spurious Emission Test Modes

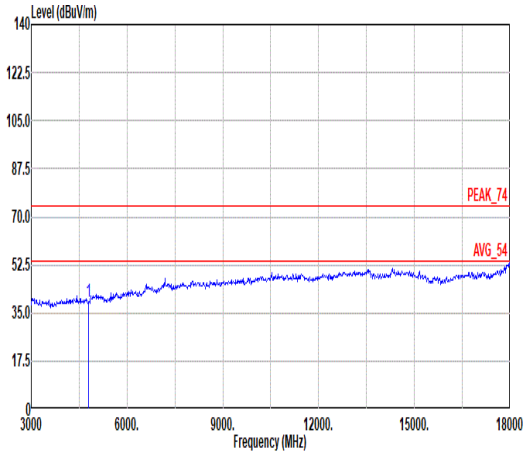
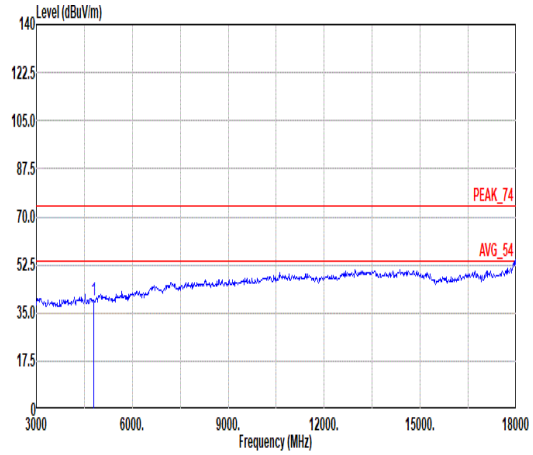
| Mode | Band (MHz) | Antenna | Modulation | Channel | Frequency | Data Rate | RU | Remark |
|---|---|---|---|---|---|---|---|---|
| Mode 19 | 2400-2483.5 | 4 | Bluetooth-LE_GFSK | 00 | 2402 | 1Mbps | - | - |
| Mode 20 | 2400-2483.5 | 4 | Bluetooth-LE_GFSK | 19 | 2440 | 1Mbps | - | - |
| Mode 21 | 2400-2483.5 | 4 | Bluetooth-LE_GFSK | 39 | 2480 | 1Mbps | - | - |
| Mode 35 | 2400-2483.5 | 4 | Bluetooth-LE_GFSK | 39 | 2480 | 1Mbps | - | LF |
| Mode 36 | 2400-2483.5 | 4 | Bluetooth-LE_GFSK | 39 | 2480 | 1Mbps | - | SHF |

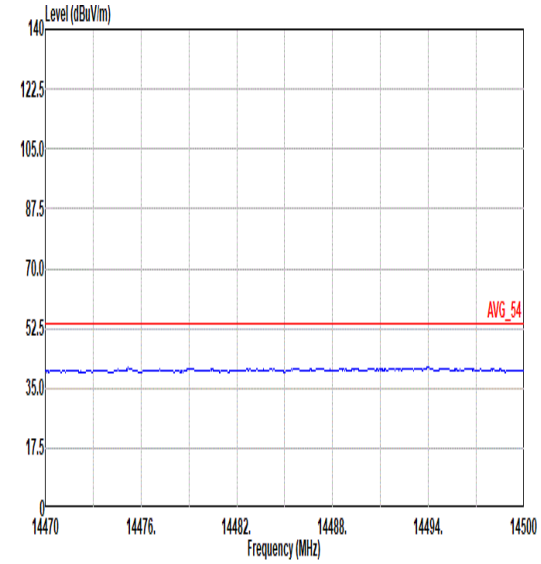
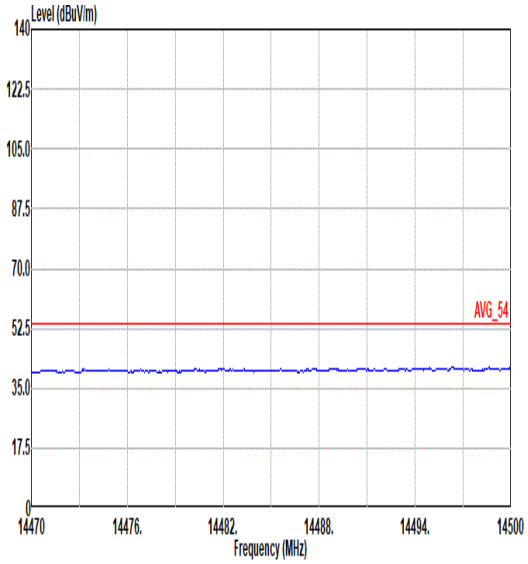
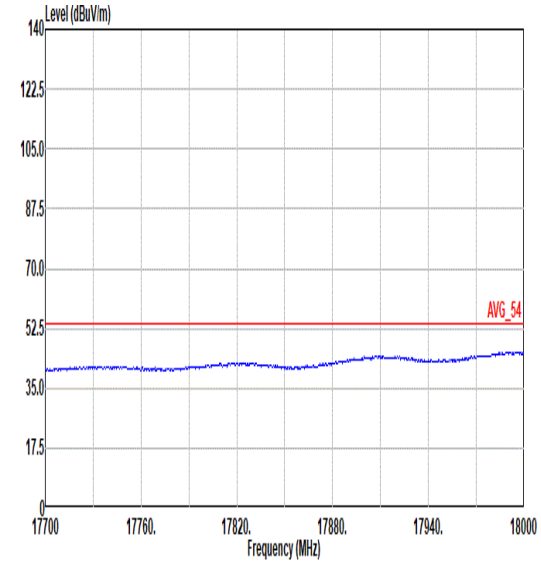
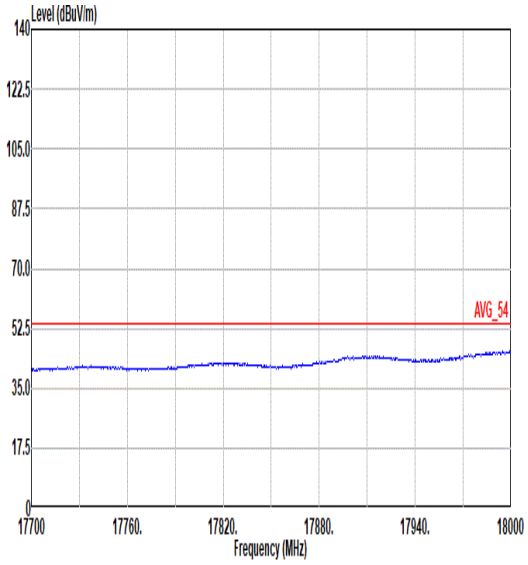
# C3-2. Summary of each worse mode

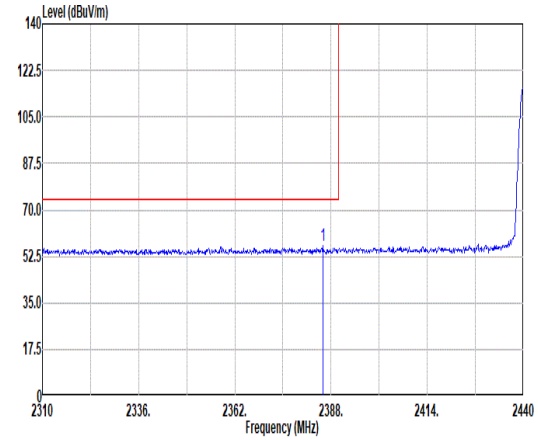
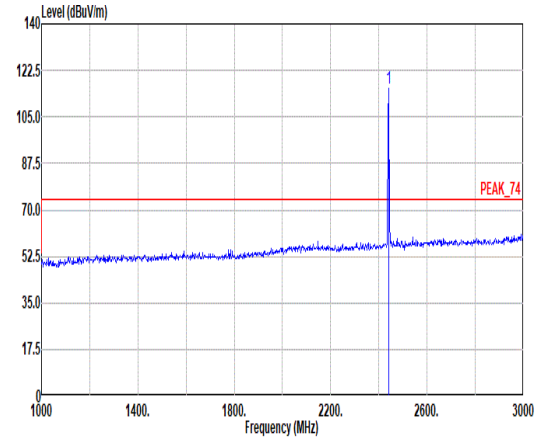
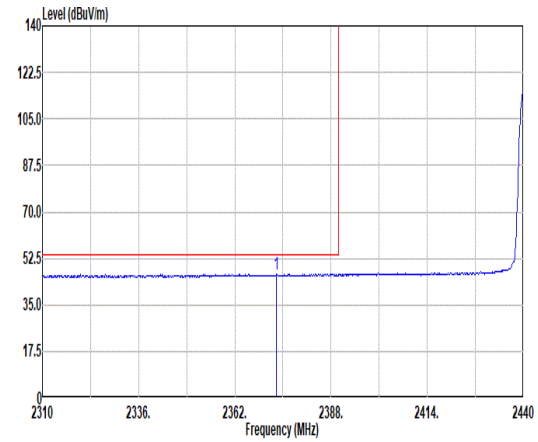
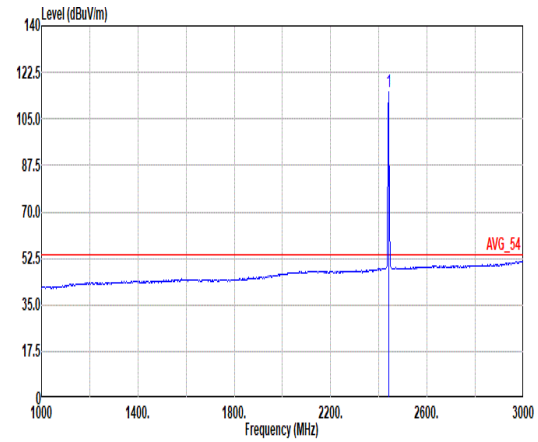
| Mode | Modulation | Ch. | Freq. (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Pol. | Peak Avg. | Result | RU | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 19 | Bluetooth-LE_GFSK | 00 | 2389.86 | 46.99 | 54.00 | -7.01 | V | Avg. | Pass | - | Band Edge |
| | Bluetooth-LE_GFSK | 00 | 4804.00 | 39.52 | 74.00 | -34.48 | V | Peak | Pass | - | Harmonic |
| 20 | Bluetooth-LE_GFSK | 19 | 2499.52 | 47.47 | 54.00 | -6.53 | H | Avg. | Pass | - | Band Edge |
| | Bluetooth-LE_GFSK | 19 | 7320.00 | 45.81 | 74.00 | -28.19 | H | Peak | Pass | - | Harmonic |
| 21 | Bluetooth-LE_GFSK | 39 | 2483.56 | 49.89 | 54.00 | -4.11 | V | Avg. | Pass | - | Band Edge |
| | Bluetooth-LE_GFSK | 39 | 7440.00 | 44.68 | 74.00 | -29.32 | H | Peak | Pass | - | Harmonic |
| 35 | LF | 39 | 41.64 | 31.90 | 40.00 | -8.10 | V | QP | Pass | - | LF |
| 36 | SHF | 39 | 24864.31 | 39.51 | 74.00 | -34.49 | H | Peak | Pass | - | SHF |

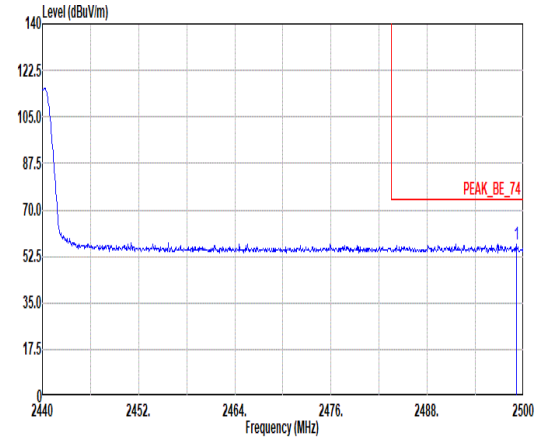
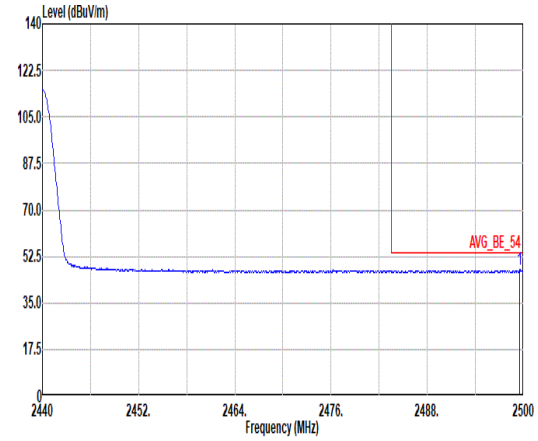
| Mode | 19 | |
|---|---|---|
| | Band Edge | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH00_2402MHz | |
| ANT | 4 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2375.23 56.46 74.00 -17.54 41.59 27.20 7.67 29.92 9.92 295 220 PEAK |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2402.00 115.13 ------ ------ 100.01 27.40 7.71 29.91 9.92 295 220 PEAK |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:2.700kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2387.92 46.85 54.00 -7.15 31.87 27.28 7.69 29.91 9.92 295 220 AVERAGE |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:2.700kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2402.00 114.56 ------ ------ 99.44 27.40 7.71 29.91 9.92 295 220 AVERAGE |

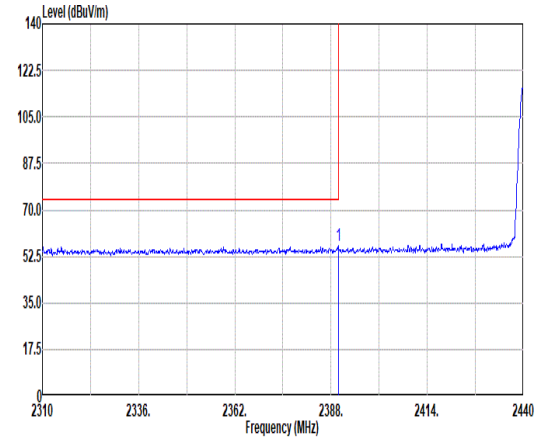
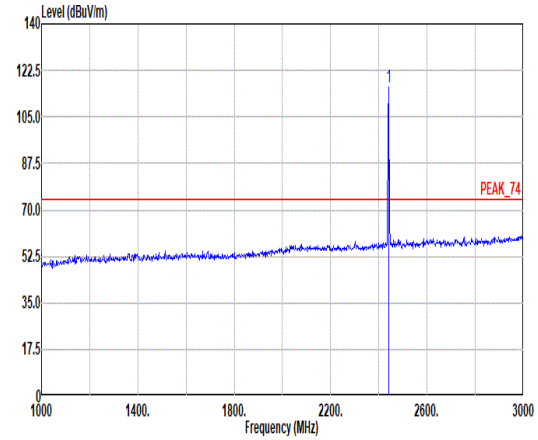
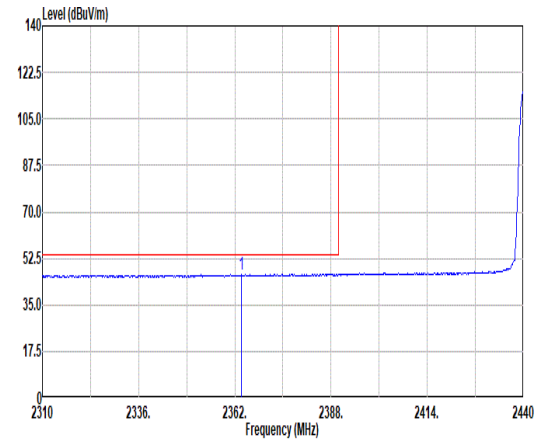
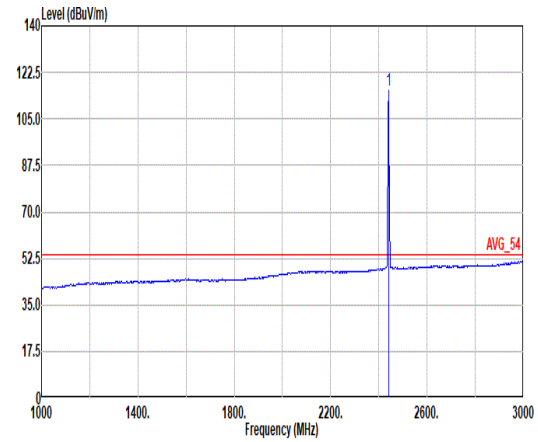
| Mode | 19 | |
|---|---|---|
| | Band Edge | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH00_2402MHz | |
| ANT | 4 | |
| Pol. | Vertical | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2374.58 56.39 74.00 -17.61 41.52 27.20 7.67 29.92 9.92 105 259 PEAK |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2402.00 116.90 ------ ------ 101.78 27.40 7.71 29.91 9.92 105 259 PEAK |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:2.700kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2389.86 46.99 54.00 -7.01 31.99 27.30 7.69 29.91 9.92 105 259 AVERAGE |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:2.700kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2402.00 116.35 ------ ------ 101.23 27.40 7.71 29.91 9.92 105 259 AVERAGE |

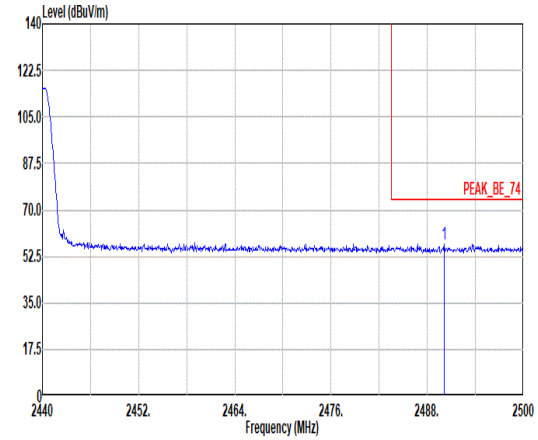
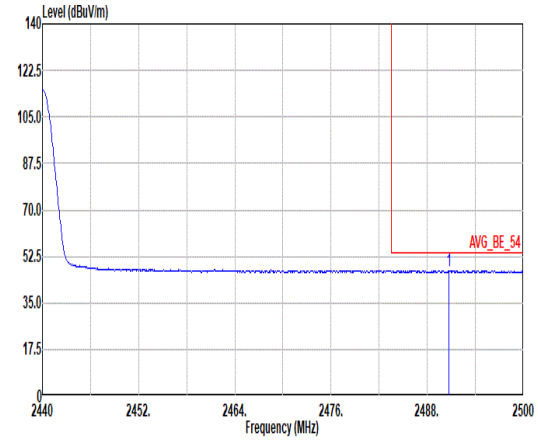
| Mode | 19 | |
|---|---|---|
| | Harmonic | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH00_2402MHz | |
| ANT | 4 | |
| Pol. | Horizontal | Vertical |
| Peak<br>Avg |  <br><br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 HORIZONTAL<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 4804.00 39.29 74.00 -34.71 62.01 32.32 10.68 66.16 0.44 -- -- PEAK |  <br><br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 VERTICAL<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 4804.00 39.52 74.00 -34.48 62.24 32.32 10.68 66.16 0.44 -- -- PEAK |

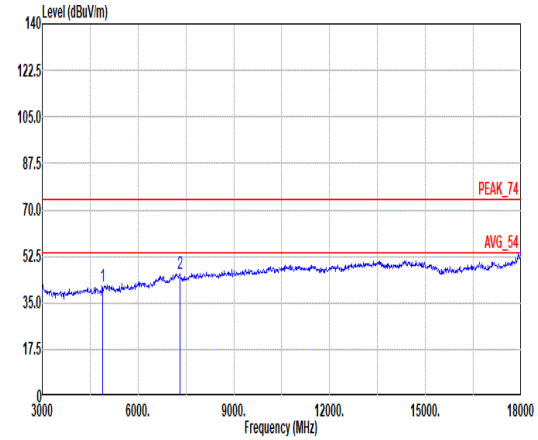
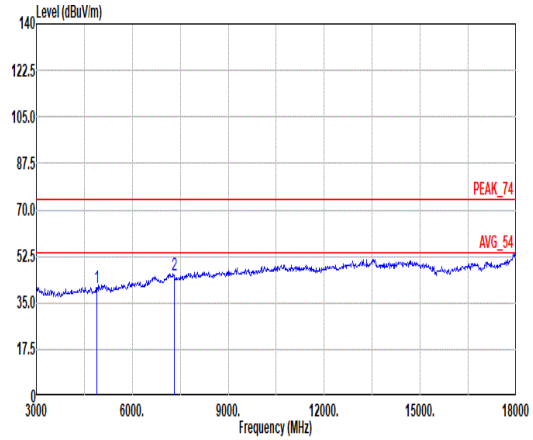
| Mode | 19 | |
|---|---|---|
| | Harmonic | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH00_2402MHz | |
| ANT | 4 | |
| Pol. | Horizontal | Vertical |
| 14.47G ~14.5G Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL |
| 17.7G ~18G Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL |

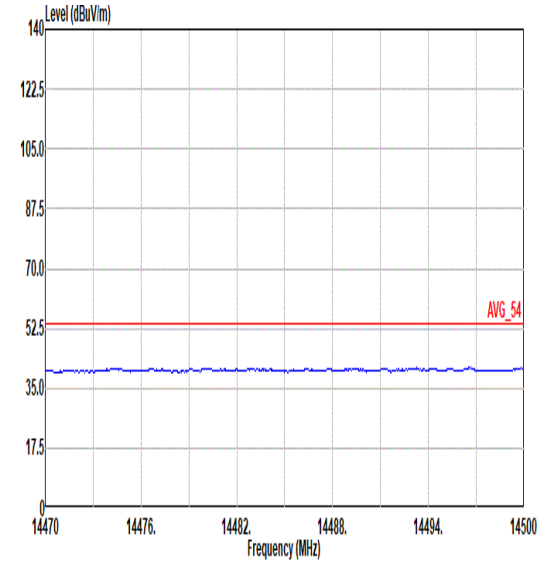
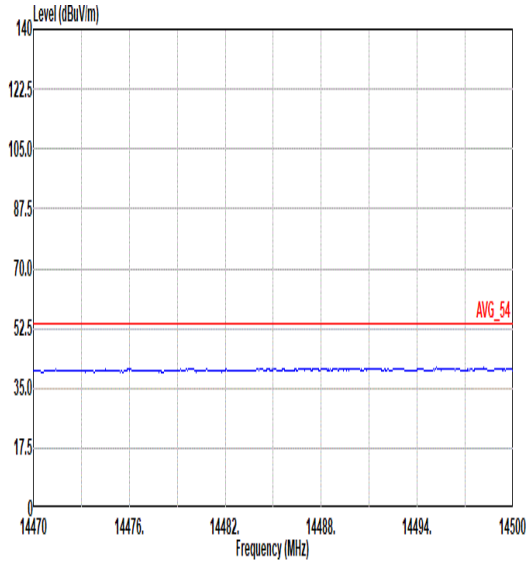
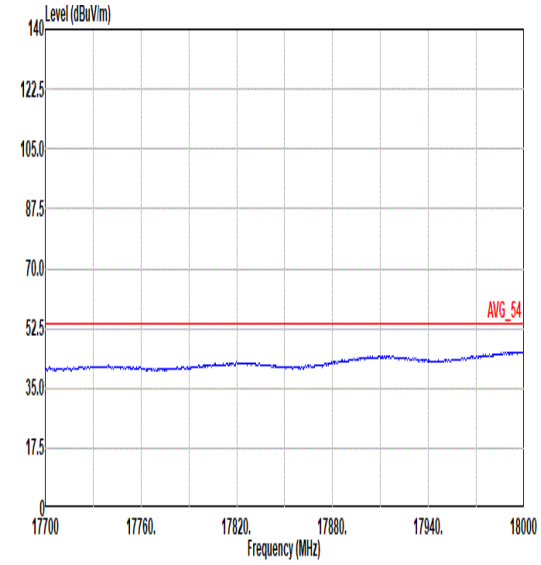
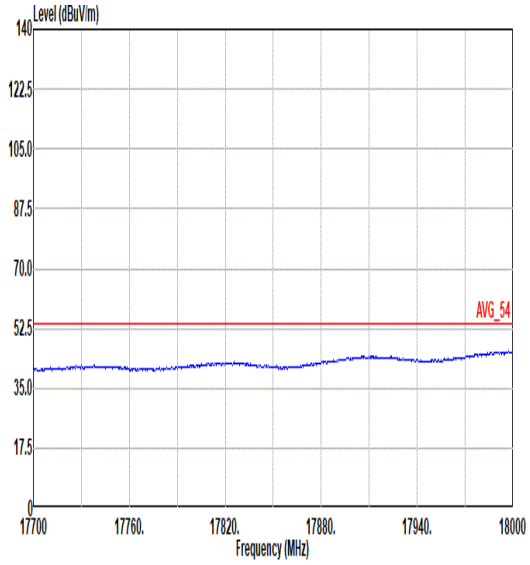
| Mode | 20 | |
|---|---|---|
| | Band Edge - L | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH19_2440MHz | |
| ANT | 4 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>1 2385.92 56.27 74.00 -17.73 41.31 27.26 7.69 29.91 9.92 295 220 PEAK |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>1 2440.00 115.87 ------ ------ 100.57 27.60 7.68 29.90 9.92 295 220 PEAK |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:2.700kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>1 2373.31 46.58 54.00 -7.42 31.72 27.20 7.66 29.92 9.92 295 220 AVERAGE |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:2.700kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>1 2440.00 115.31 ------ ------ 100.01 27.60 7.68 29.90 9.92 295 220 AVERAGE |

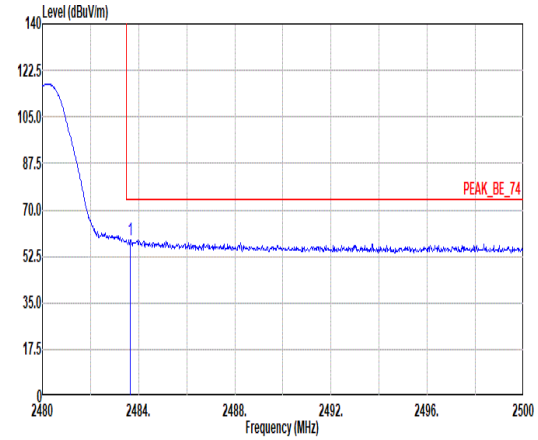
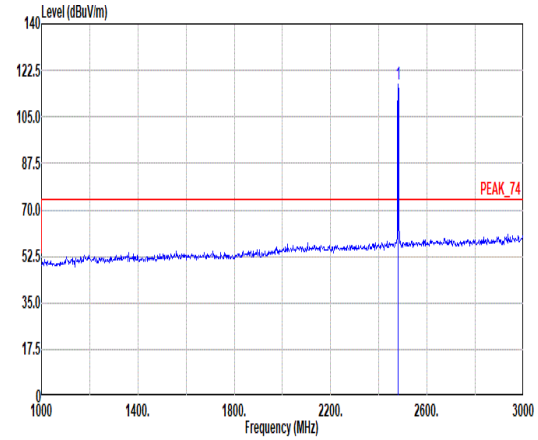
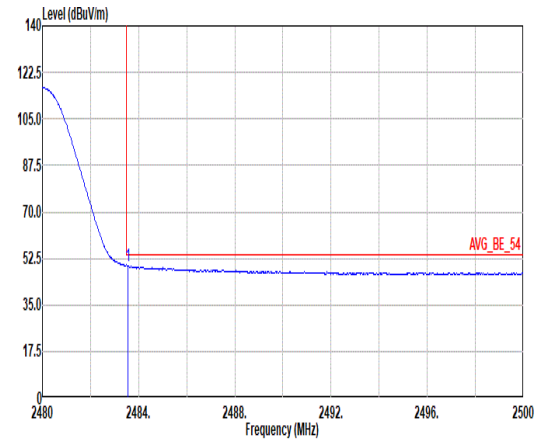
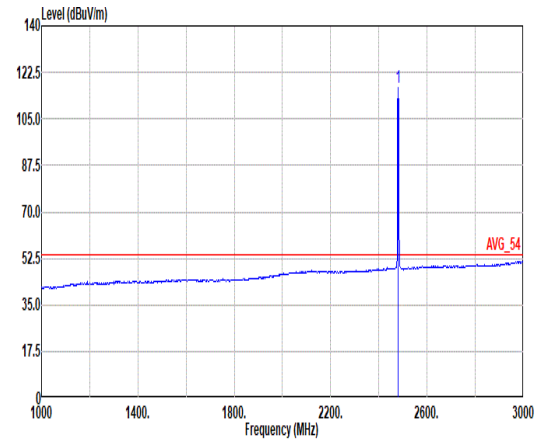
| Mode | 20 | |
|---|---|---|
| | Band Edge - R | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH19_2440MHz | |
| ANT | 4 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2499.10 57.16 74.00 -16.84 41.79 27.70 7.63 29.88 9.92 295 220 PEAK | Blank |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:2.700kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2499.52 47.47 54.00 -6.53 32.10 27.70 7.63 29.88 9.92 295 220 AVERAGE | Blank |

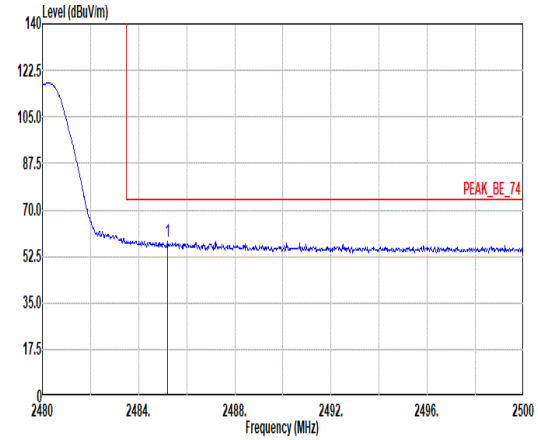
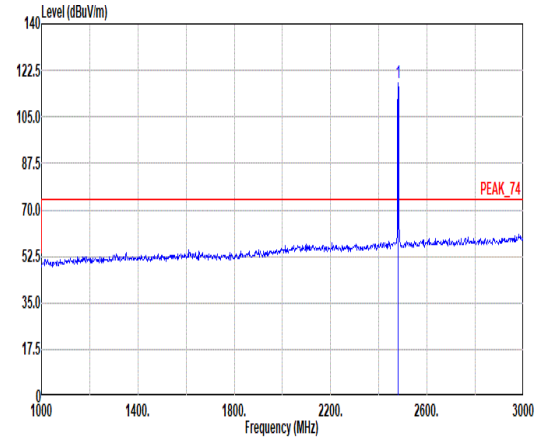
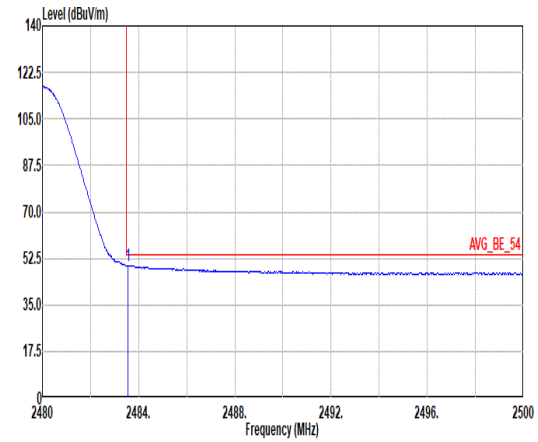
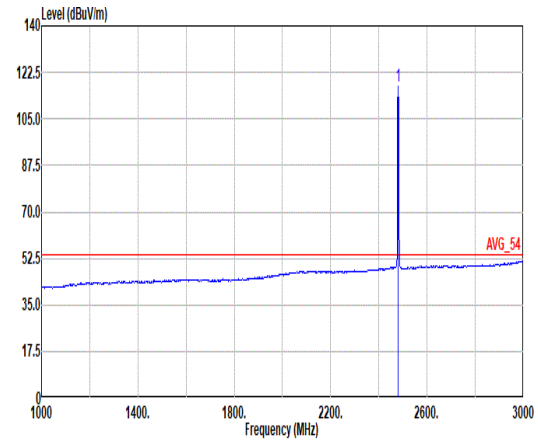
| Mode | 20 | |
|---|---|---|
| | Band Edge - L | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH19_2440MHz | |
| ANT | 4 | |
| Pol. | Vertical | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2389.95 56.27 74.00 -17.73 41.27 27.30 7.69 29.91 9.92 100 257 PEAK |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2440.00 116.08 ------ ------ 100.78 27.60 7.68 29.90 9.92 100 257 PEAK |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:2.700kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2363.82 46.74 54.00 -7.26 31.89 27.20 7.65 29.92 9.92 100 257 AVERAGE |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:2.700kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2440.00 115.49 ------ ------ 100.19 27.60 7.68 29.90 9.92 100 257 AVERAGE |

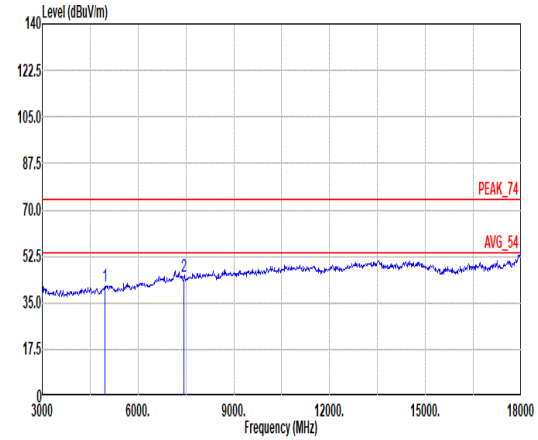
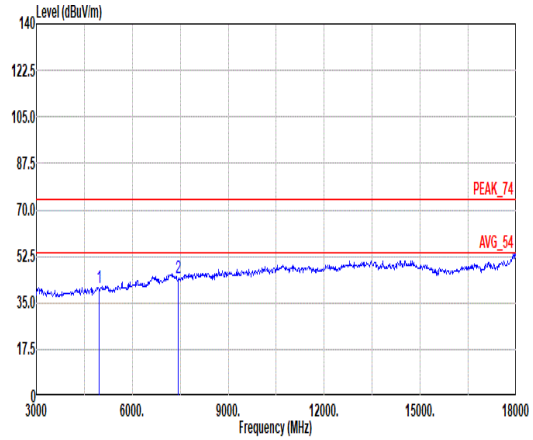
| Mode | 20 | |
|---|---|---|
| | Band Edge - R | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH19_2440MHz | |
| ANT | 4 | |
| Pol. | Vertical | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2490.10 56.96 74.00 -17.04 41.58 27.70 7.64 29.88 9.92 100 257 PEAK | Blank |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:2.700kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2490.70 47.14 54.00 -6.86 31.76 27.70 7.64 29.88 9.92 100 257 AVERAGE | Blank |

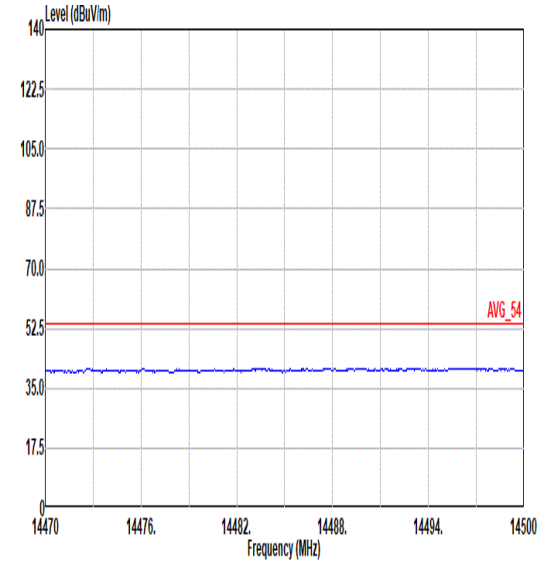
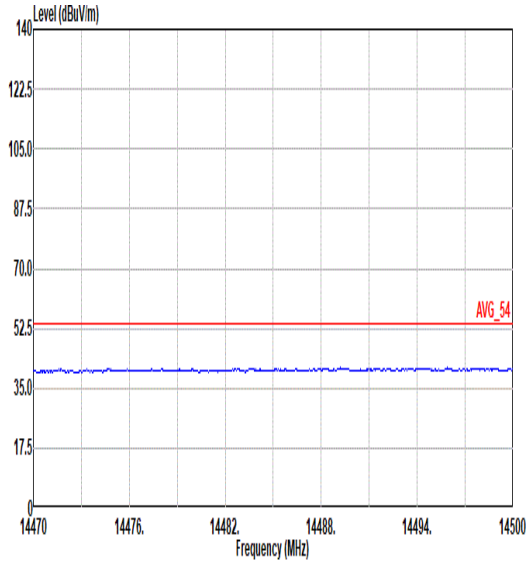
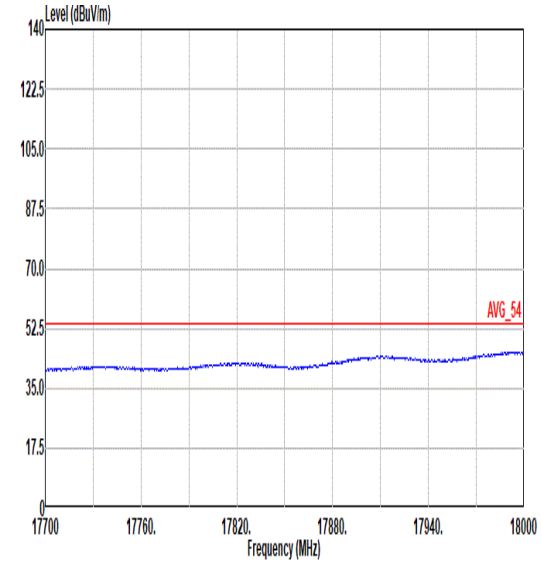
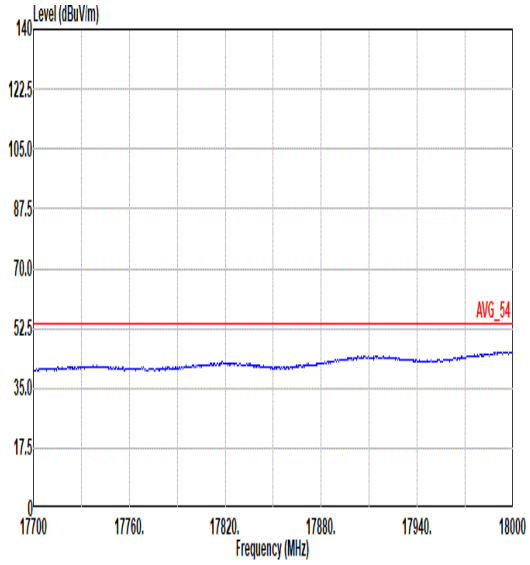
| Mode | 20 | |
|---|---|---|
| | Harmonic | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH19_2440MHz | |
| ANT | 4 | |
| Pol. | Horizontal | Vertical |
| Peak<br>Avg |  <br><br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 HORIZONTAL<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 4880.00 41.15 74.00 -32.85 63.23 32.62 10.88 66.02 0.44 -- -- PEAK<br>2 7320.00 45.81 74.00 -28.19 60.69 36.78 13.36 65.46 0.44 -- -- PEAK |  <br><br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 VERTICAL<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 4880.00 40.90 74.00 -33.10 62.98 32.62 10.88 66.02 0.44 -- -- PEAK<br>2 7320.00 45.61 74.00 -28.39 60.49 36.78 13.36 65.46 0.44 -- -- PEAK |

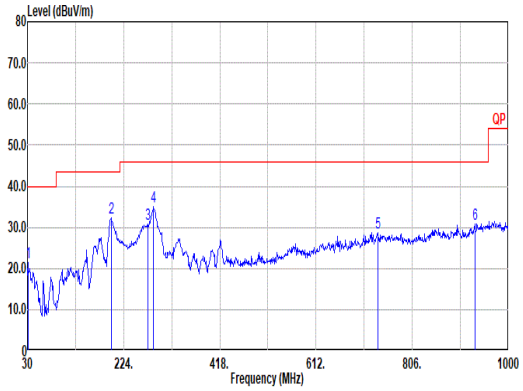
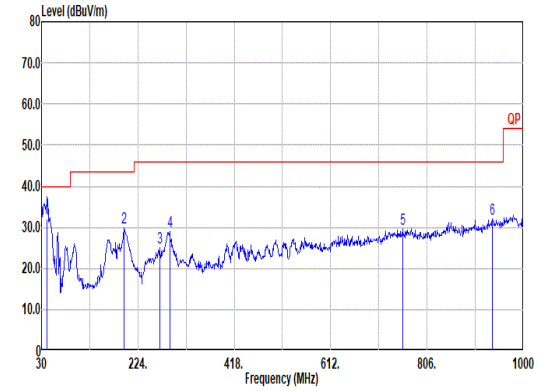
| Mode | 20 | |
|---|---|---|
| | Harmonic | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH19_2440MHz | |
| ANT | 4 | |
| Pol. | Horizontal | Vertical |
| 14.47G ~14.5G Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL |
| 17.7G ~18G Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL |

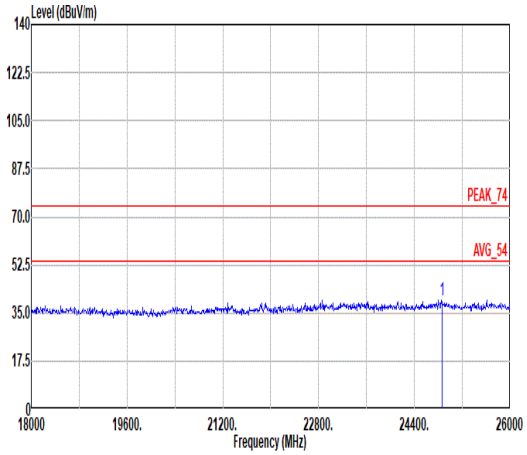
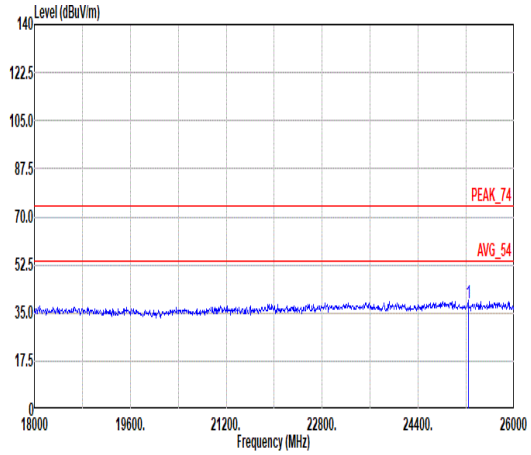
| Mode | 21 | |
|---|---|---|
| | Band Edge | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH39_2480MHz | |
| ANT | 4 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2483.66 58.51 74.00 -15.49 43.13 27.70 7.64 29.88 9.92 356 222 PEAK |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2480.00 117.55 ------ ------ 102.17 27.70 7.65 29.89 9.92 356 222 PEAK |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:2.700kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2483.56 49.74 54.00 -4.26 34.36 27.70 7.64 29.88 9.92 356 222 AVERAGE |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:2.700kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2480.00 116.87 ------ ------ 101.49 27.70 7.65 29.89 9.92 356 222 AVERAGE |

| Mode | 21 | |
|---|---|---|
| | Band Edge | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH39_2480MHz | |
| ANT | 4 | |
| Pol. | Vertical | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2485.20 58.38 74.00 -15.62 43.00 27.70 7.64 29.88 9.92 100 289 PEAK |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2480.00 118.03 ------ ------ 102.65 27.70 7.65 29.89 9.92 100 289 PEAK |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:2.700kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2483.56 49.89 54.00 -4.11 34.51 27.70 7.64 29.88 9.92 100 289 AVERAGE |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:2.700kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2480.00 117.35 ------ ------ 101.97 27.70 7.65 29.89 9.92 100 289 AVERAGE |

| Mode | 21 | |
|---|---|---|
| | Harmonic | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH39_2480MHz | |
| ANT | 4 | |
| Pol. | Horizontal | Vertical |
| Peak<br>Avg |  <br><br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 HORIZONTAL<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 4960.00 41.34 74.00 -32.66 62.65 33.02 11.09 65.87 0.45 -- -- PEAK<br>2 7440.00 44.68 74.00 -29.32 59.95 36.32 13.48 65.47 0.40 -- -- PEAK |  <br><br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 VERTICAL<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 4960.00 40.83 74.00 -33.17 62.14 33.02 11.09 65.87 0.45 -- -- PEAK<br>2 7440.00 44.17 74.00 -29.83 59.44 36.32 13.48 65.47 0.40 -- -- PEAK |

| Mode | 21 | |
|---|---|---|
| | Harmonic | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH39_2480MHz | |
| ANT | 4 | |
| Pol. | Horizontal | Vertical |
| 14.47G ~14.5G Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL |
| 17.7G ~18G Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL |

| Mode | 35 | |
|---|---|---|
| | LF | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH39_2480MHz | |
| ANT | 4 | |
| Pol. | Horizontal | Vertical |
| QP/ Peak |  <br>Site : 03CH16-HY<br>Condition: QP 3m CBL6111D&00802N1D01N-06 _47020 & 06 HORIZONTAL<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 30.97 21.52 40.00 -18.48 29.29 23.95 0.72 32.44 0.00 -- -- Peak<br>2 198.78 32.33 43.50 -11.17 47.83 14.93 1.96 32.39 0.00 -- -- Peak<br>3 272.50 30.91 46.00 -15.09 42.13 18.84 2.36 32.42 0.00 -- -- Peak<br>4 284.14 34.91 46.00 -11.09 45.94 18.96 2.42 32.41 0.00 -- -- Peak<br>5 736.16 28.80 46.00 -17.20 29.37 27.95 4.06 32.58 0.00 -- -- Peak<br>6 932.10 30.83 46.00 -15.17 27.95 30.05 4.50 31.67 0.00 -- -- Peak |  <br>Site : 03CH16-HY<br>Condition: QP 3m CBL6111D&00802N1D01N-06 _47020 & 06 VERTICAL<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 41.64 31.90 40.00 -8.10 44.95 18.57 0.85 32.47 0.00 100 327 QP<br>2 196.84 30.01 43.50 -13.49 45.55 14.89 1.95 32.38 0.00 -- -- Peak<br>3 267.65 25.04 46.00 -20.96 35.80 19.32 2.34 32.42 0.00 -- -- Peak<br>4 288.02 29.02 46.00 -16.98 39.90 19.08 2.45 32.41 0.00 -- -- Peak<br>5 756.53 29.69 46.00 -16.31 29.95 28.14 4.11 32.51 0.00 -- -- Peak<br>6 937.92 31.95 46.00 -14.05 28.73 30.32 4.52 31.62 0.00 -- -- Peak |

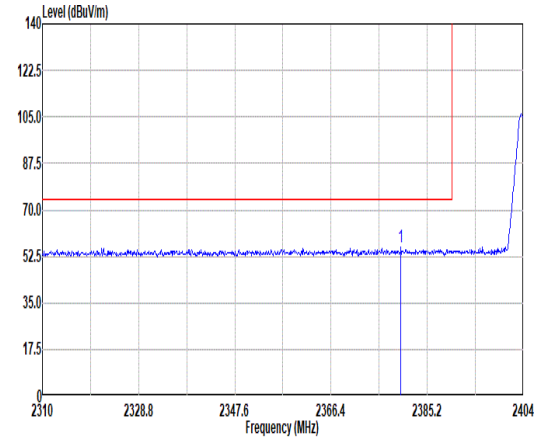
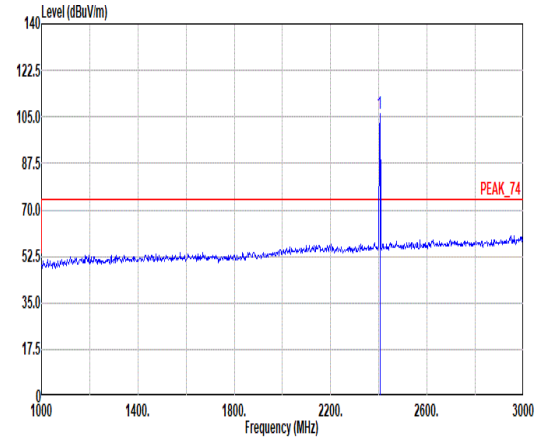
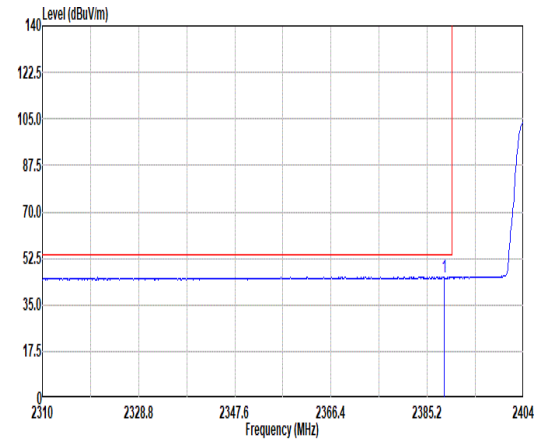
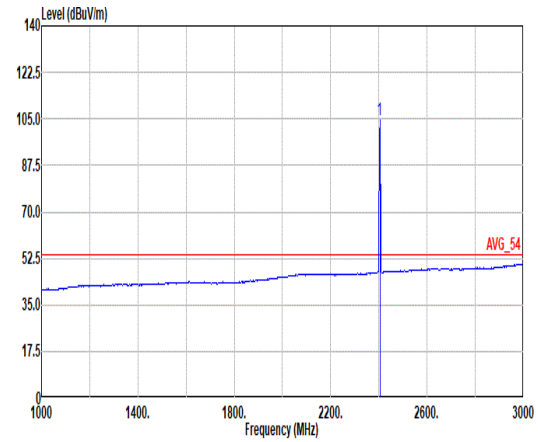
| Mode | 36 | |
|---|---|---|
| | SHF | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH39_2480MHz | |
| ANT | 4 | |
| Pol. | Horizontal | Vertical |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 1m SHF_00993_231124 HORIZONTAL<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 24864.31 39.51 74.00 -34.49 56.01 39.27 7.12 53.35 -9.54 -- -- PEAK |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 1m SHF_00993_231124 VERTICAL<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 25241.50 38.70 74.00 -35.30 55.14 39.28 7.12 53.30 -9.54 -- -- PEAK |

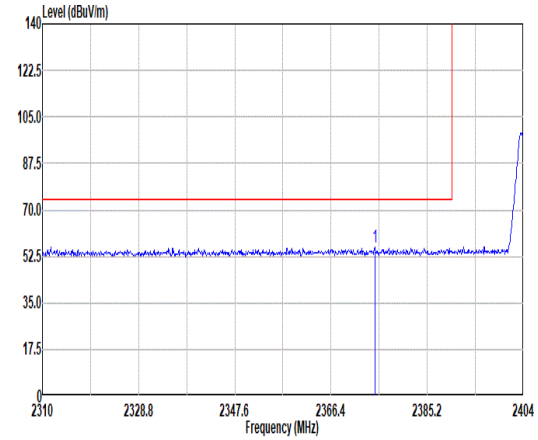
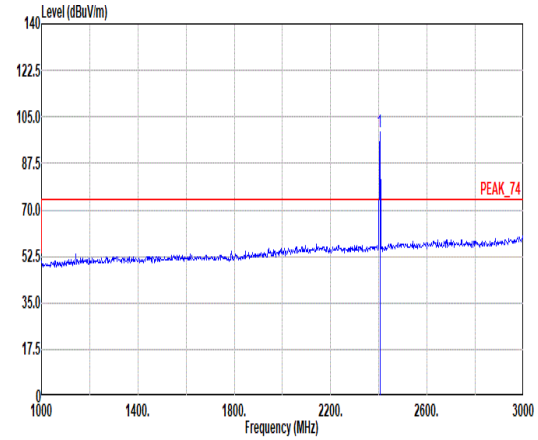
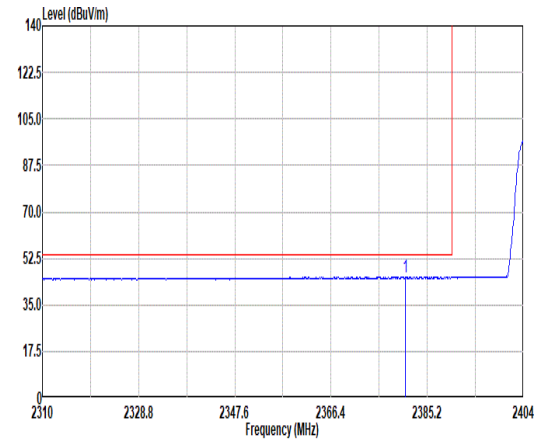
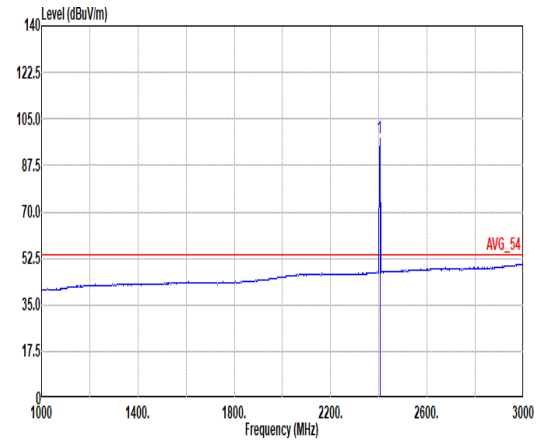
# C4-1. Radiated Spurious Emission Test Modes

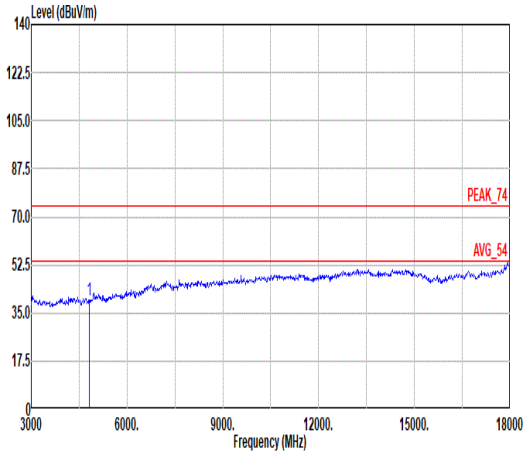
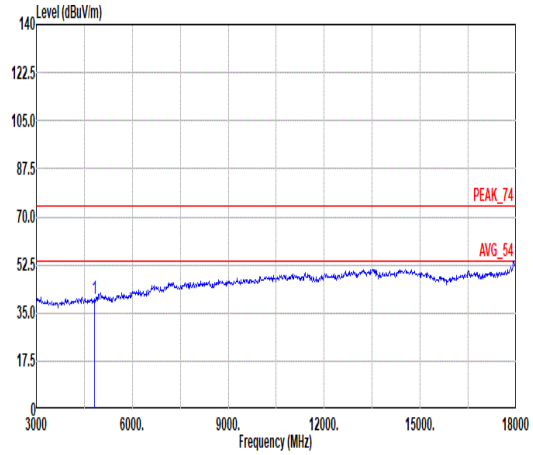
| Mode | Band (MHz) | Antenna | Modulation | Channel | Frequency | Data Rate | RU | Remark |
|---|---|---|---|---|---|---|---|---|
| Mode 22 | 2400-2483.5 | 4 | Bluetooth-LE_GFSK | 01 | 2404 | 2Mbps | - | - |
| Mode 23 | 2400-2483.5 | 4 | Bluetooth-LE_GFSK | 19 | 2440 | 2Mbps | - | - |
| Mode 24 | 2400-2483.5 | 4 | Bluetooth-LE_GFSK | 38 | 2478 | 2Mbps | - | - |

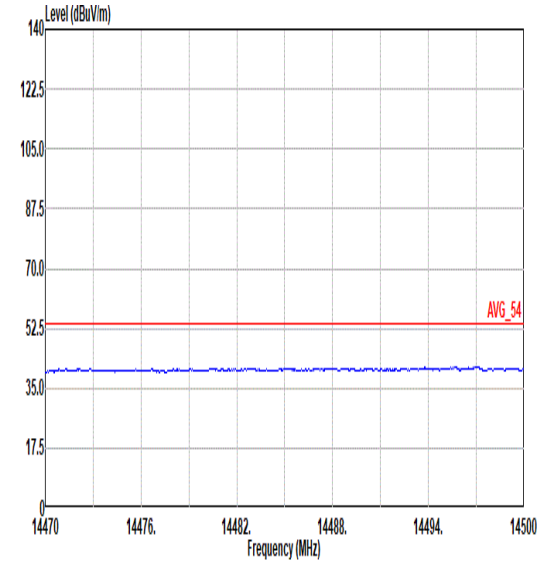
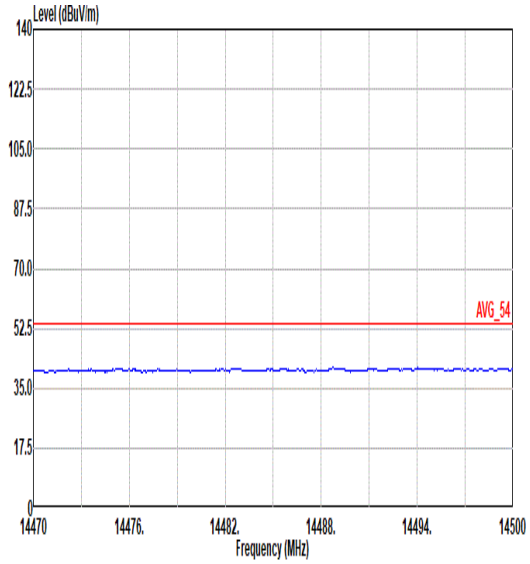
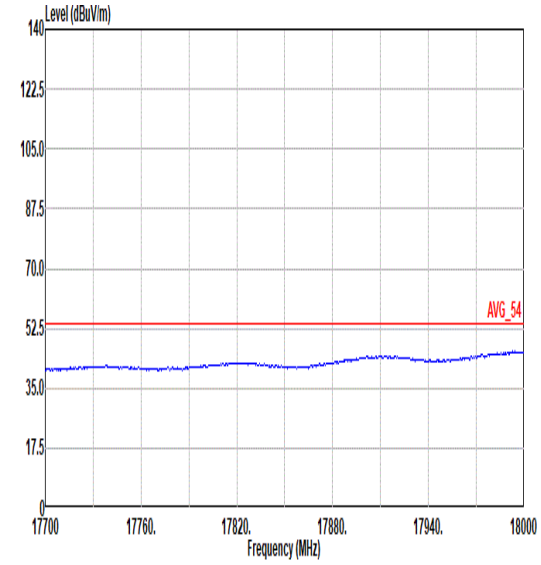
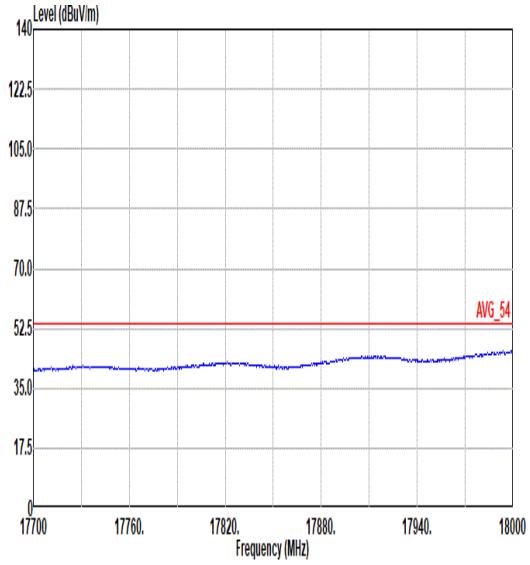
# C4-2. Summary of each worse mode

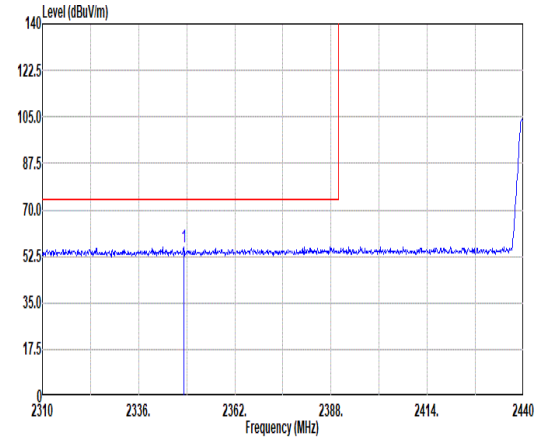
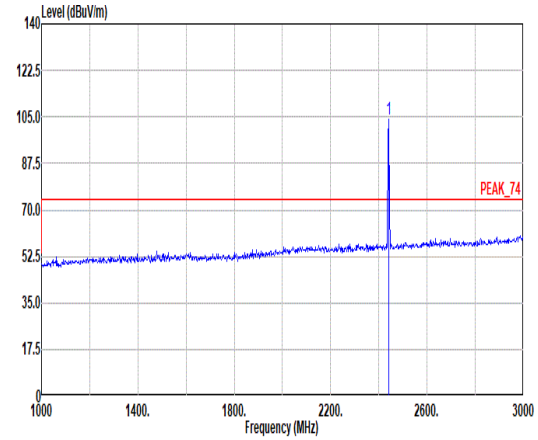
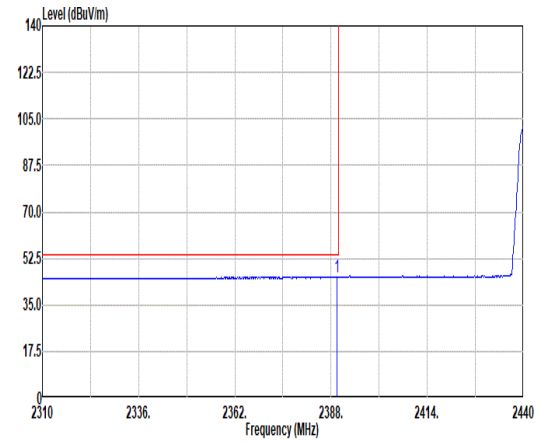
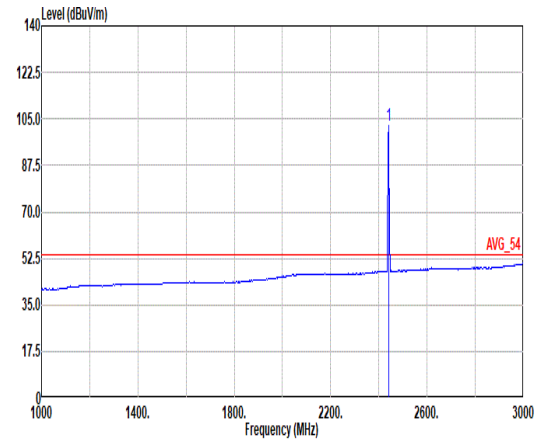
| Mode | Modulation | Ch. | Freq. (MHz) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Pol. | Peak Avg. | Result | RU | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 22 | Bluetooth-LE_GFSK | 01 | 2388.49 | 45.64 | 54.00 | -8.36 | H | Avg. | Pass | - | Band Edge |
| | Bluetooth-LE_GFSK | 01 | 4808.00 | 39.89 | 74.00 | -34.11 | V | Peak | Pass | - | Harmonic |
| 23 | Bluetooth-LE_GFSK | 19 | 2487.70 | 46.12 | 54.00 | -7.88 | V | Avg. | Pass | - | Band Edge |
| | Bluetooth-LE_GFSK | 19 | 7320.00 | 44.41 | 74.00 | -29.59 | H | - | Pass | - | Harmonic |
| 24 | Bluetooth-LE_GFSK | 38 | 2483.70 | 46.36 | 54.00 | -7.64 | H | Avg. | Pass | - | Band Edge |
| | Bluetooth-LE_GFSK | 38 | 7434.00 | 45.07 | 74.00 | -28.93 | V | Peak | Pass | - | Harmonic |

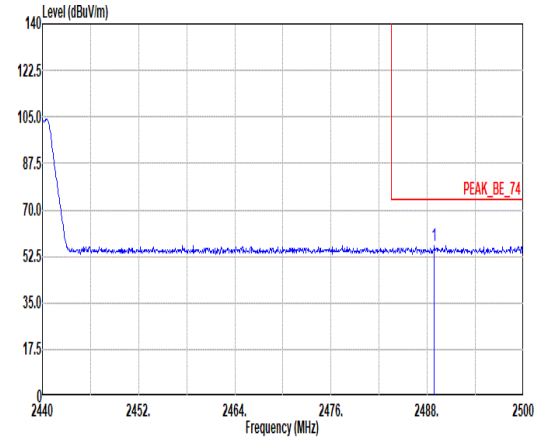
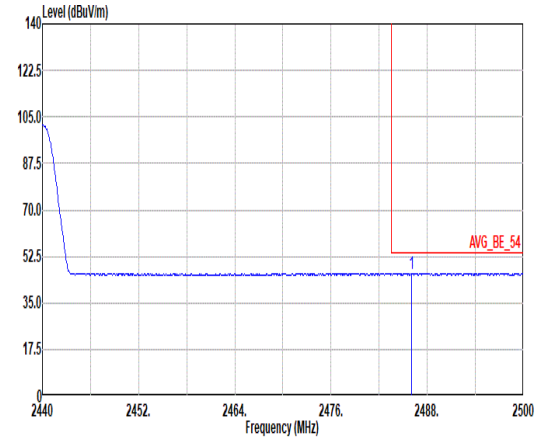
| Mode | 22 | |
|---|---|---|
| | Band Edge | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH01_2404MHz | |
| ANT | 4 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2380.03 55.75 74.00 -18.25 40.87 27.20 7.68 29.92 9.92 175 71 PEAK |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2404.00 106.27 ------ ------ 91.15 27.40 7.71 29.91 9.92 175 71 PEAK |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2388.49 45.64 54.00 -8.36 30.66 27.28 7.69 29.91 9.92 175 71 AVERAGE |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2404.00 104.63 ------ ------ 89.51 27.40 7.71 29.91 9.92 175 71 AVERAGE |

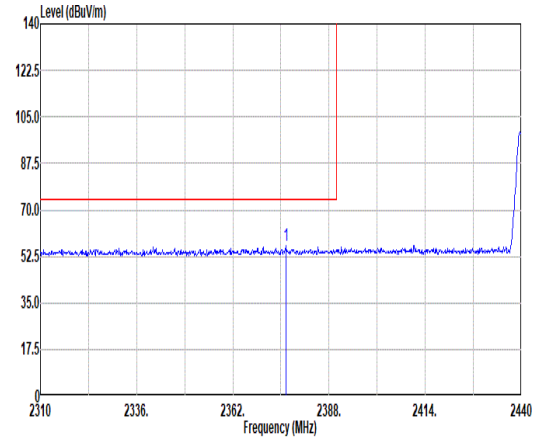
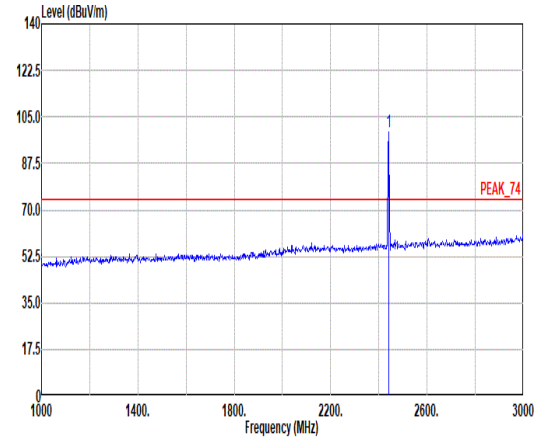
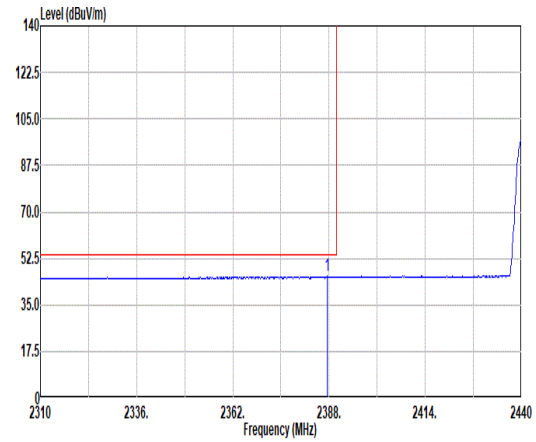
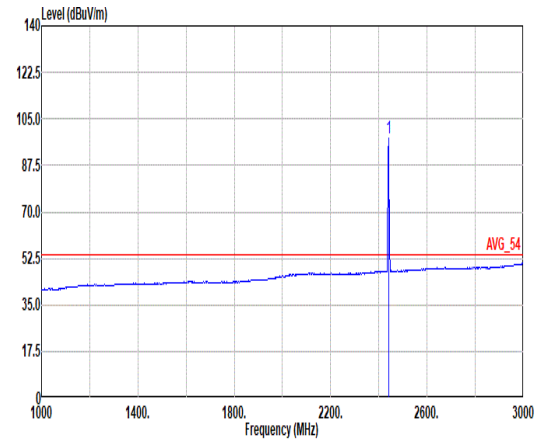
| Mode | 22 | |
|---|---|---|
| | Band Edge | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH01_2404MHz | |
| ANT | 4 | |
| Pol. | Vertical | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2374.95 56.08 74.00 -17.92 41.21 27.20 7.67 29.92 9.92 400 223 PEAK |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2404.00 99.07 ------ ------ 83.95 27.40 7.71 29.91 9.92 400 223 PEAK |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2380.97 45.51 54.00 -8.49 30.62 27.21 7.68 29.92 9.92 400 223 AVERAGE |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2404.00 97.48 ------ ------ 82.36 27.40 7.71 29.91 9.92 400 223 AVERAGE |

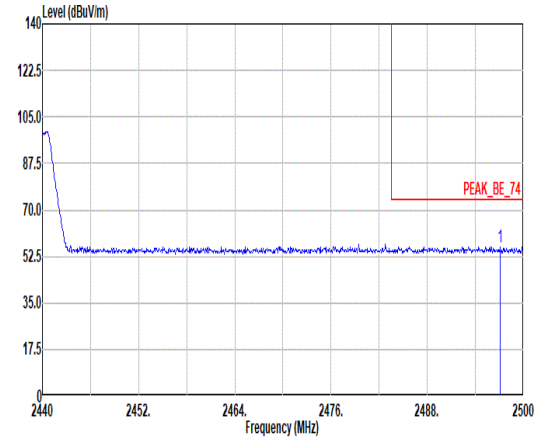
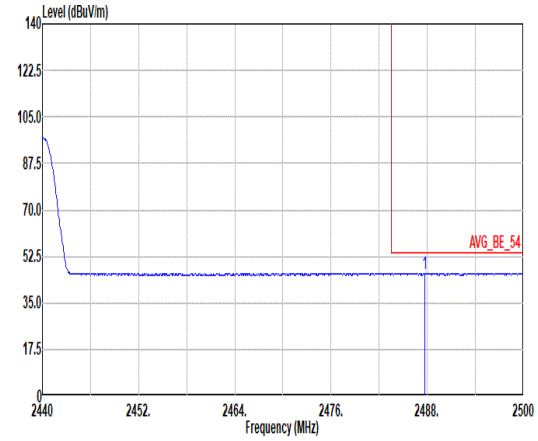
| Mode | 22 | |
|---|---|---|
| | Harmonic | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH01_2404MHz | |
| ANT | 4 | |
| Pol. | Horizontal | Vertical |
| Peak<br>Avg |  <br><br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 HORIZONTAL<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 4808.00 39.75 74.00 -34.25 62.45 32.33 10.69 66.16 0.44 -- -- PEAK |  <br><br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 VERTICAL<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 4808.00 39.89 74.00 -34.11 62.59 32.33 10.69 66.16 0.44 -- -- PEAK |

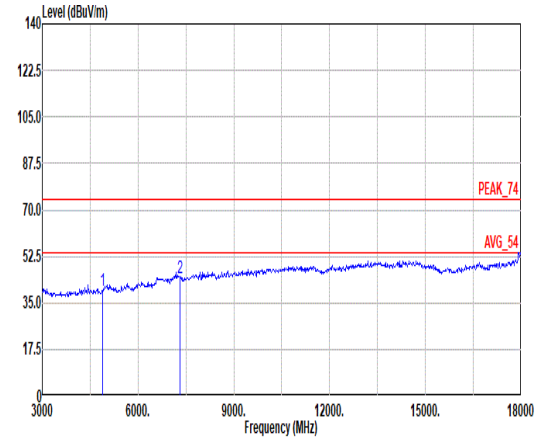
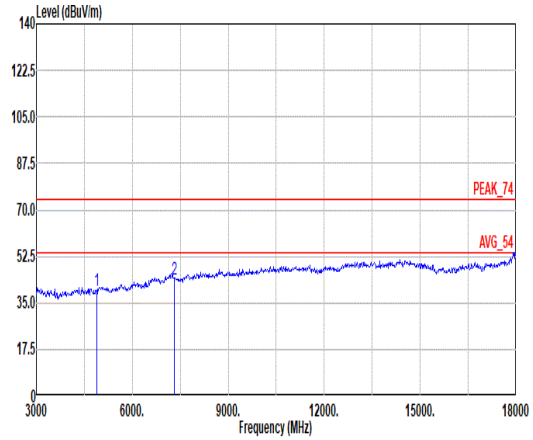
| Mode | 22 | |
|---|---|---|
| | Harmonic | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH01_2404MHz | |
| ANT | 4 | |
| Pol. | Horizontal | Vertical |
| 14.47G ~14.5G Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL |
| 17.7G ~18G Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL |

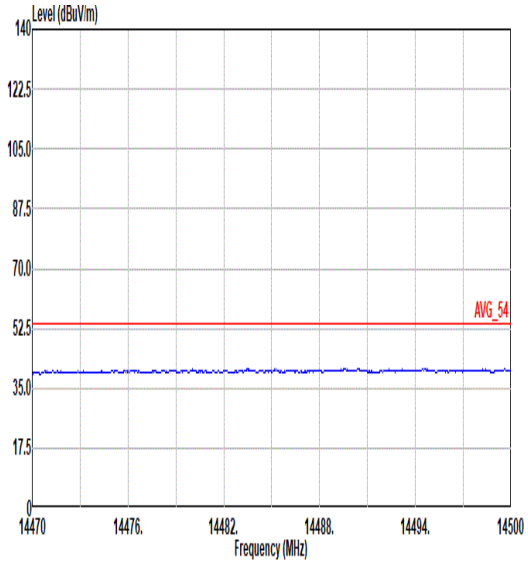
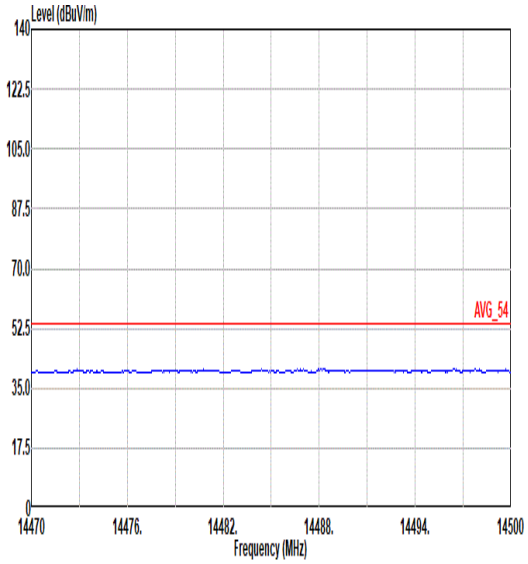
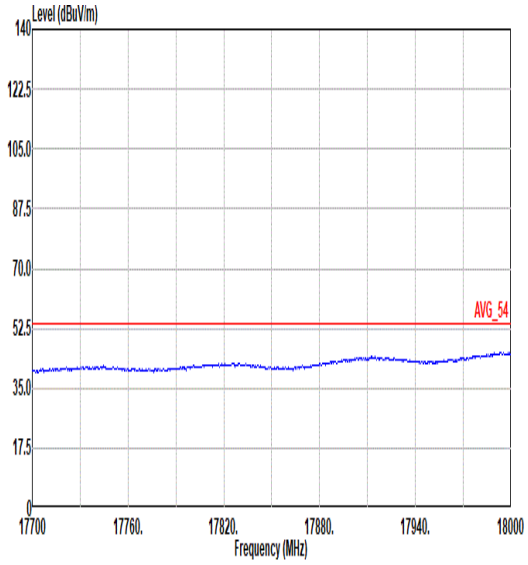
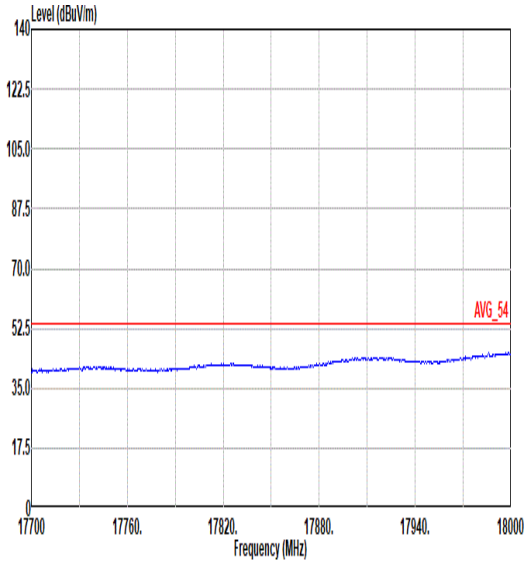
| Mode | 23 | |
|---|---|---|
| | Band Edge - L | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH19_2440MHz | |
| ANT | 4 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2348.22 56.12 74.00 -17.88 41.41 27.10 7.62 29.93 9.92 300 190 PEAK |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2440.00 104.32 ------ ------ 89.02 27.60 7.68 29.90 9.92 300 190 PEAK |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2389.56 45.51 54.00 -8.49 30.51 27.30 7.69 29.91 9.92 300 190 AVERAGE |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2440.00 102.66 ------ ------ 87.36 27.60 7.68 29.90 9.92 300 190 AVERAGE |

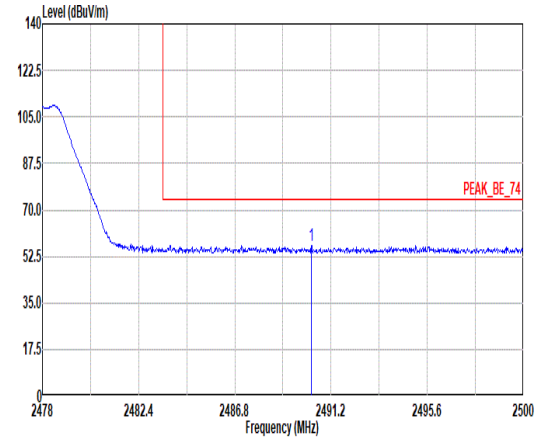
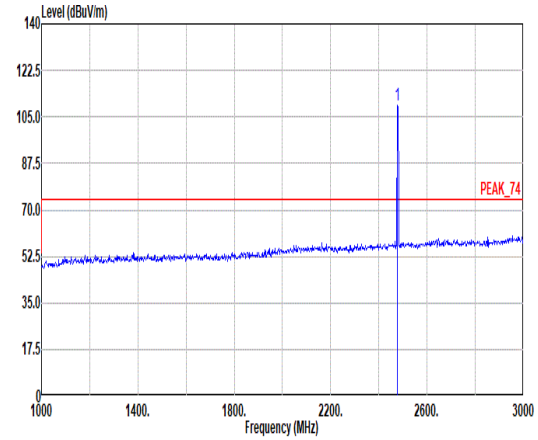
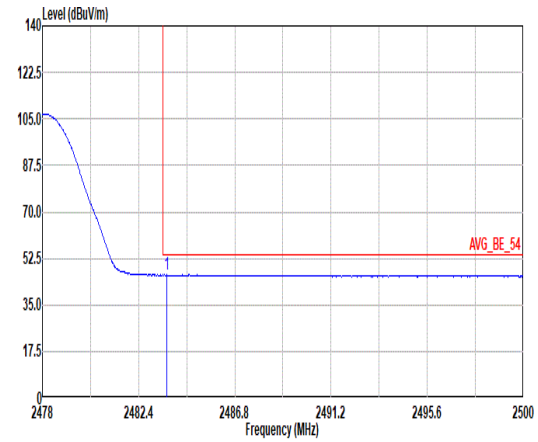
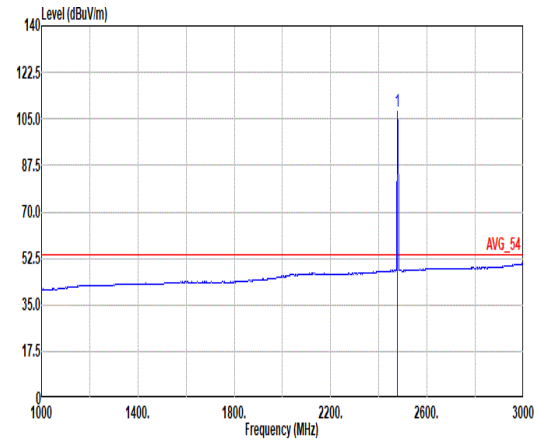
| Mode | 23 | |
|---|---|---|
| | Band Edge - R | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH19_2440MHz | |
| ANT | 4 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2488.90 56.39 74.00 -17.61 41.01 27.70 7.64 29.88 9.92 300 190 PEAK | Blank |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2486.08 46.09 54.00 -7.91 30.71 27.70 7.64 29.88 9.92 300 190 AVERAGE | Blank |

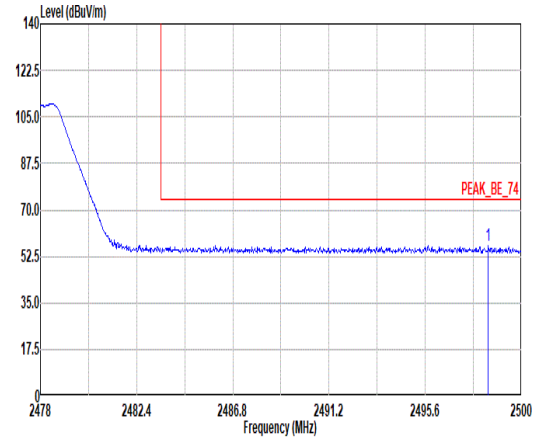
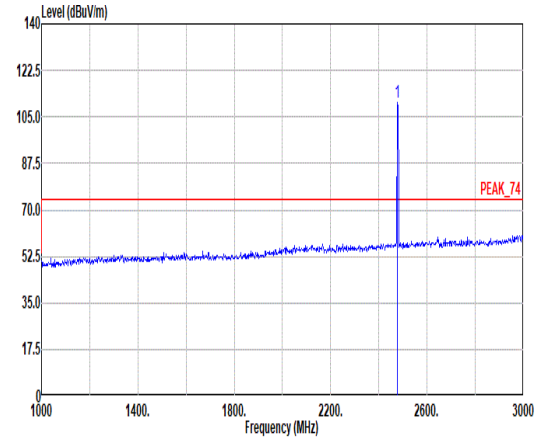
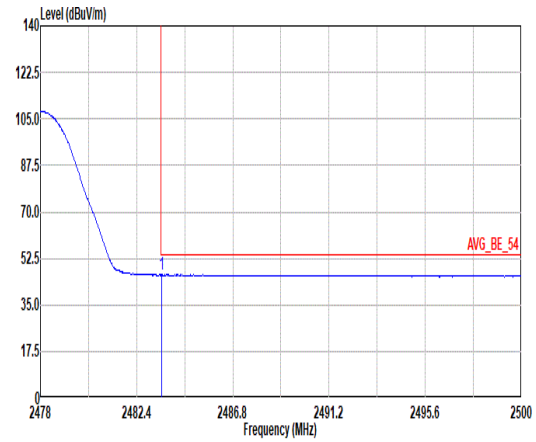
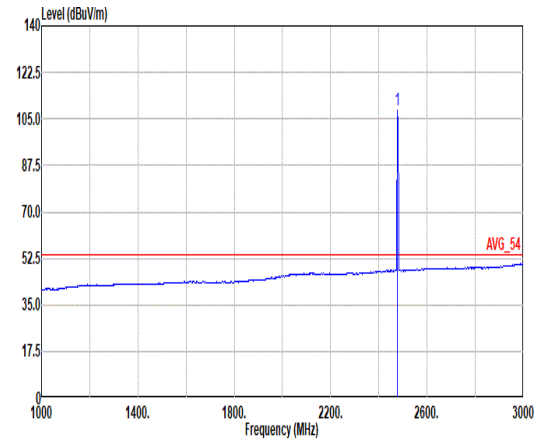
| Mode | 23 | |
|---|---|---|
| | Band Edge - L | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH19_2440MHz | |
| ANT | 4 | |
| Pol. | Vertical | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2376.43 56.66 74.00 -17.34 41.79 27.20 7.67 29.92 9.92 400 237 PEAK |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2440.00 99.54 ------ ------ 84.24 27.60 7.68 29.90 9.92 400 237 PEAK |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2387.48 45.73 54.00 -8.27 30.76 27.27 7.69 29.91 9.92 400 237 AVERAGE |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2440.00 97.97 ------ ------ 82.67 27.60 7.68 29.90 9.92 400 237 AVERAGE |

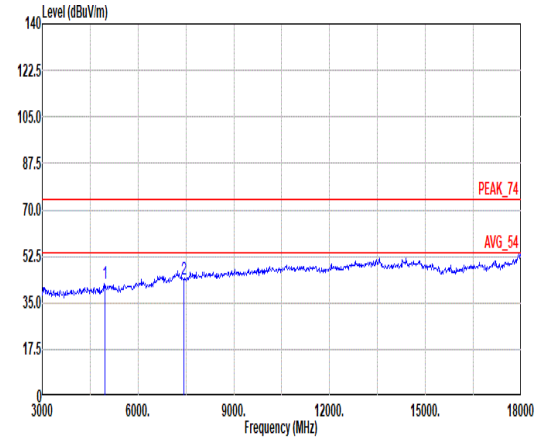
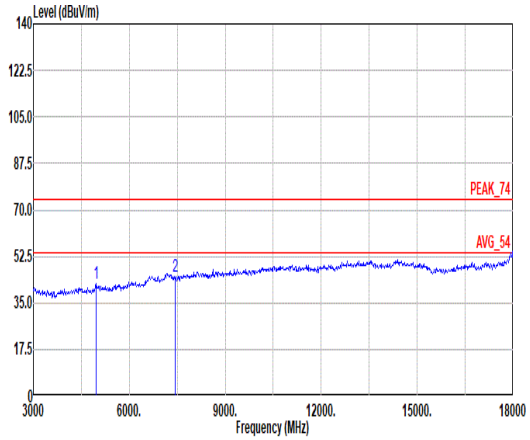
| Mode | 23 | |
|---|---|---|
| | Band Edge - R | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH19_2440MHz | |
| ANT | 4 | |
| Pol. | Vertical | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2497.06 56.25 74.00 -17.75 40.88 27.70 7.63 29.88 9.92 400 237 PEAK | Blank |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br><br>Limit Read Ant Cable Preamp Aux APos TPos<br>Freq Level Line Margin Level Factor Loss Factor Factor Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2487.70 46.12 54.00 -7.88 30.74 27.70 7.64 29.88 9.92 400 237 AVERAGE | Blank |

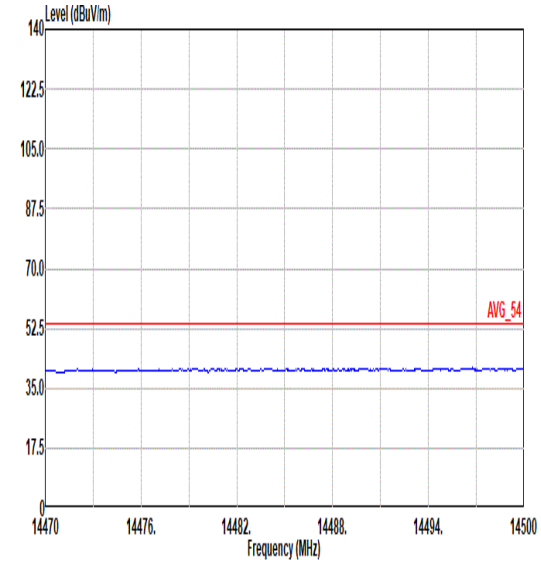
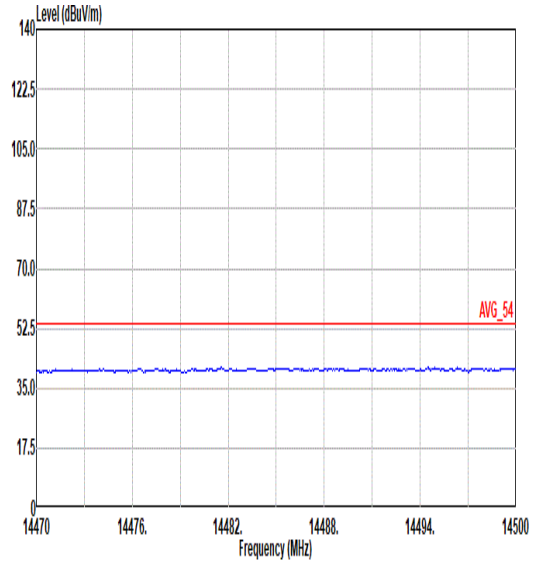
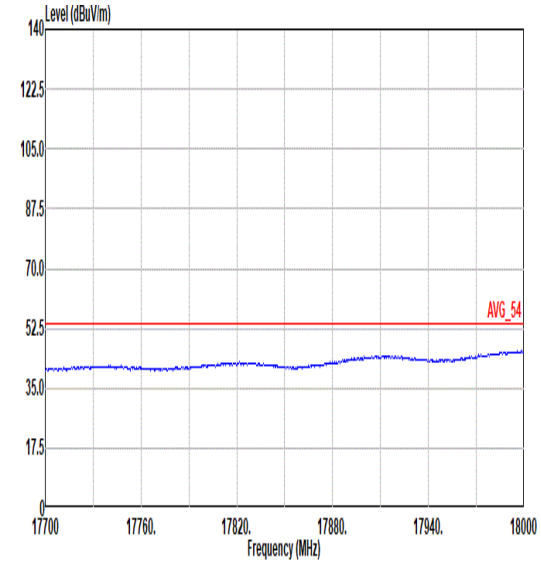
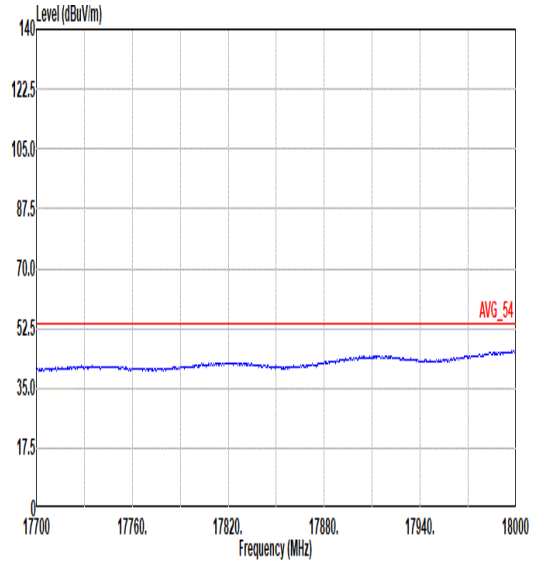
| Mode | 23 | |
|---|---|---|
| | Harmonic | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH19_2440MHz | |
| ANT | 4 | |
| Pol. | Horizontal | Vertical |
| Peak<br>Avg |  <br><br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 HORIZONTAL<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 4880.00 39.81 74.00 -34.19 61.89 32.62 10.88 66.02 0.44 -- --<br>2 7320.00 44.41 74.00 -29.59 59.29 36.78 13.36 65.46 0.44 -- -- |  <br><br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 VERTICAL<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 4880.00 39.46 74.00 -34.54 61.54 32.62 10.88 66.02 0.44 -- --<br>2 7320.00 43.96 74.00 -30.04 58.84 36.78 13.36 65.46 0.44 -- -- |

| Mode | 23 | |
|---|---|---|
| | Harmonic | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH19_2440MHz | |
| ANT | 4 | |
| Pol. | Horizontal | Vertical |
| 14.47G ~14.5G Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL |
| 17.7G ~18G Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL |

| Mode | 24 | |
|---|---|---|
| | Band Edge | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH38_2478MHz | |
| ANT | 4 | |
| Pol. | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2490.30 56.43 74.00 -17.57 41.05 27.70 7.64 29.88 9.92 100 309 PEAK |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2478.00 109.39 ------ ------ 94.03 27.68 7.65 29.89 9.92 100 309 PEAK |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2483.70 46.36 54.00 -7.64 30.98 27.70 7.64 29.88 9.92 100 309 AVERAGE |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2478.00 107.77 ------ ------ 92.41 27.68 7.65 29.89 9.92 100 309 AVERAGE |

| Mode | 24 | |
|---|---|---|
| | Band Edge | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH38_2478MHz | |
| ANT | 4 | |
| Pol. | Vertical | Fundamental |
| Peak |  <br>Site : 03CH16-HY<br>Condition: PEAK_BE_74 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2498.48 56.61 74.00 -17.39 41.24 27.70 7.63 29.88 9.92 357 246 PEAK |  <br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2478.00 110.21 ------ ------ 94.85 27.68 7.65 29.89 9.92 357 246 PEAK |
| Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_BE_54 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2483.54 46.30 54.00 -7.70 30.92 27.70 7.64 29.88 9.92 357 246 AVERAGE |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL<br>: RBW:1000.000kHz VBW:1.000kHz SWT:Auto<br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 2478.00 108.54 ------ ------ 93.18 27.68 7.65 29.89 9.92 357 246 AVERAGE |

| Mode | 24 | |
|---|---|---|
| | Harmonic | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH38_2478MHz | |
| ANT | 4 | |
| Pol. | Horizontal | Vertical |
| Peak<br>Avg |  <br><br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 HORIZONTAL<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 4956.00 42.33 74.00 -31.67 63.67 33.01 11.08 65.88 0.45 -- -- PEAK<br>2 7434.00 43.94 74.00 -30.06 59.20 36.33 13.47 65.46 0.40 -- -- PEAK |  <br><br>Site : 03CH16-HY<br>Condition: PEAK_74 3m 9120D-1522_240328 VERTICAL<br><br>Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark<br>MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg<br>1 4956.00 42.13 74.00 -31.87 63.47 33.01 11.08 65.88 0.45 -- -- PEAK<br>2 7434.00 45.07 74.00 -28.93 60.33 36.33 13.47 65.46 0.40 -- -- PEAK |

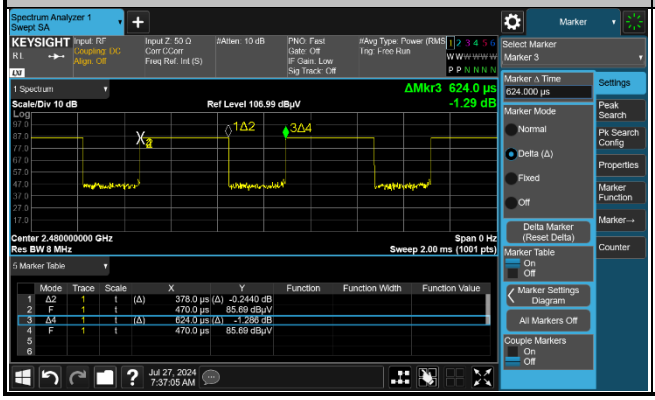
| Mode | 24 | |
|---|---|---|
| | Harmonic | |
| | 2400-2483.5_Bluetooth-LE_GFSK _CH38_2478MHz | |
| ANT | 4 | |
| Pol. | Horizontal | Vertical |
| 14.47G ~14.5G Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL |
| 17.7G ~18G Avg |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 HORIZONTAL |  <br>Site : 03CH16-HY<br>Condition: AVG_54 3m 9120D-1522_240328 VERTICAL |

# Appendix D. Duty Cycle Plots

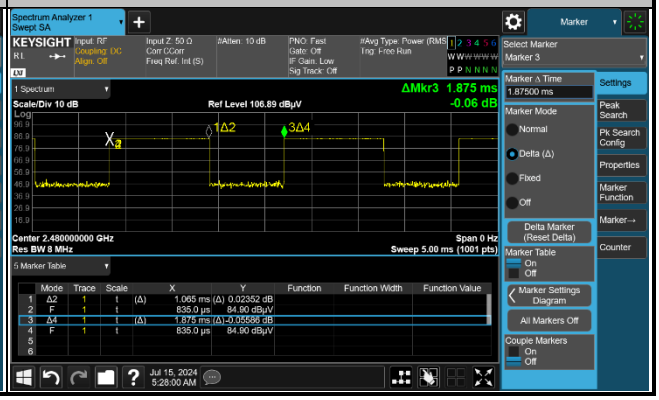
| Antenna | Band | Duty Cycle(%) | T(us) | 1/T(kHz) | VBW Setting |
|---|---|---|---|---|---|
| 3 | Bluetooth - LE for 1Mbps | 60.58 | 378 | 2.65 | 2.7kHz |
| 4 | Bluetooth - LE for 1Mbps | 60.58 | 378 | 2.65 | 2.7kHz |
| 3 | Bluetooth - LE for 2Mbps | 56.80 | 1065 | 0.94 | 1kHz |
| 4 | Bluetooth - LE for 2Mbps | 56.80 | 1065 | 0.94 | 1kHz |

**<Ant. 3>**

**Bluetooth – LE for 1Mbps**

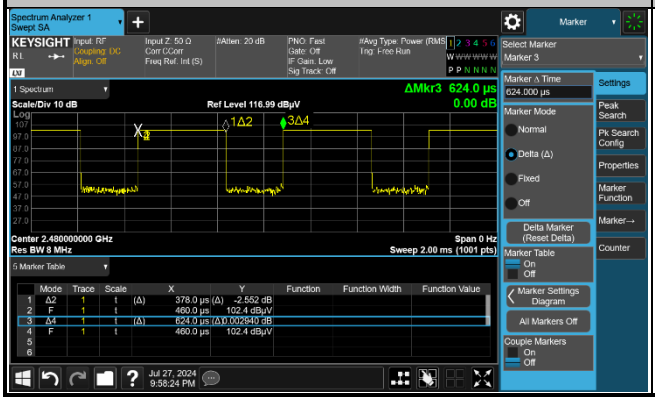



**Bluetooth – LE for 2Mbps**

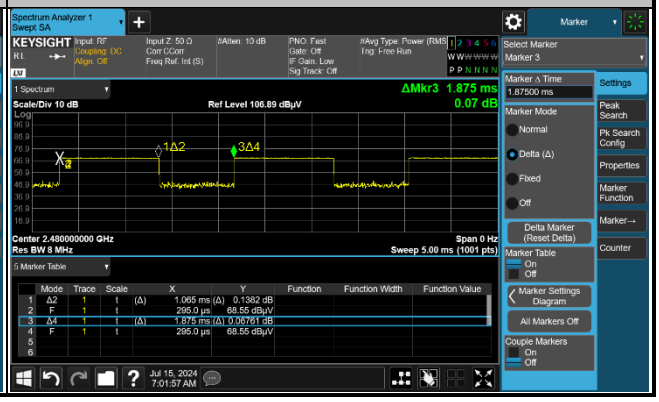



**<Ant. 4>**

**Bluetooth – LE for 1Mbps**




**Bluetooth – LE for 2Mbps**



# Appendix E. Spot Check Evaluation on GTF7P, G3Y12

Conducted power test and radiated spurious emission test configurations were selected from the worst cases identified in the reference model and tested to demonstrate the test data from reference model remains representative for the variant model.

The deviation between the spot check and the referenced values is within 3dB, therefore data referencing is justified according to the guidance in the ECR inquiry

| Test Item | Mode | A4RGXQ96 Reference Worst Result | A4RGTF7P Variant Check Result | Difference (dB) |
|---|---|---|---|---|
| Conducted Power (dBm) | WWAN GPRS 850 Class 8 CH128 | 32.60 | 32.32 | 0.28 |
| | WWAN GPRS 1900 Class 8 CH512 | 29.28 | 29.21 | 0.07 |
| | WWAN WCDMA Band V RMC 12.2K CH4182 | 24.77 | 24.62 | 0.15 |
| | WWAN LTE Band 5 10MHz 1RB0 QPSK Mid | 24.72 | 24.71 | 0.01 |
| | WWAN LTE Band 7 20MHz 1RB0 QPSK Mid | 24.45 | 24.33 | 0.12 |
| | WWAN LTE Band 12 10MHz 1RB0 QPSK Mid | 24.66 | 24.66 | 0.00 |
| | WWAN LTE Band 26 (90S) 5MHz 1RB0 QPSK High | 24.70 | 24.65 | 0.05 |
| | WWAN LTE Band 41 HPUE 15MHz 1RB37 QPSK Mid | 26.43 | 26.36 | 0.07 |
| | WWAN NR n5 10MHz 1RB1 QPSK Low | 25.18 | 25.02 | 0.16 |
| | WWAN NR n7 25MHz 1RB1 QPSK High | 24.83 | 24.58 | 0.25 |
| | WWAN NR n12 15MHz 36RB18 BPSK Low | 24.88 | 24.84 | 0.04 |
| | WWAN NR n26 5MHz 1RB23 QPSK Low | 25.19 | 24.92 | 0.27 |
| | WWAN NR n41 HPUE 100MHz 1RB1 QPSK Low | 27.15 | 26.96 | 0.19 |
| | WWAN NR n77 HPUE 50MHz 1RB1 QPSK Low | 27.20 | 26.93 | 0.27 |

| Test Item | Mode | ANT | A4RGXQ96 Reference Worst Result | A4RGTF7P Variant Check Result | Difference (dB) |
|---|---|---|---|---|---|
| Conducted Power (dBm) | BT (BR 1Mbps CH39) | 4 | 20.69 | 20.59 | 0.10 |
| | BLE / BT EDR (BLE 2Mbps CH19) | 4 | 20.20 | 20.16 | 0.04 |
| | BLE CS GFSK_DTS (2Mbps CH38) | 4 | 20.50 | 20.30 | 0.20 |
| | BLE CS ASK_FHSS (2Mbps CH38) | 4 | 20.29 | 20.12 | 0.17 |
| | WiFi 2.4GHz (HE20 CH06 Full RU) | 4+3 | 23.98 | 23.85 | 0.13 |
| | WiFi 5GHz (11a CH169) | 4+3 | 22.55 | 22.29 | 0.26 |
| | WiFi 6GHz (11a CH049) | 4+3 | 21.69 | 21.60 | 0.09 |

| Test Item | Mode | ANT | A4RGXQ96 Reference Worst Result | A4RGTF7P Variant Check Result | Difference (dB) |
|---|---|---|---|---|---|
| Field Strength (dBuV/m) | NFC 13.56MHz | - | 25.45 | 23.86 | 1.59 |
| Radiated Spurious Emission (dBuV/m) | NFC 13.56MHz | - | -3.19 | -3.27 | 0.08 |
| Radiated Spurious Emission (dBm) | WWAN GSM 850 CH189 | 0 | -18.90 | -21.23 | 2.33 |
| | WWAN GSM 1900 CH512 | 2 | -20.77 | -22.79 | 2.02 |
| | WWAN WCDMA Band V CH4132 | 0 | -41.92 | -43.94 | 2.02 |
| | WWAN LTE Band 26 10MHz 1RB0 QPSK High | 0 | -32.45 | -32.71 | 0.26 |
| | WWAN LTE Band 7 10MHz 1RB0 QPSK High | 0 | -21.91 | -23.47 | 1.56 |
| | WWAN LTE Band 12 10MHz 1RB0 QPSK Low | 1 | -32.20 | -33.22 | 1.02 |
| | WWAN LTE Band 26 (90S) 15MHz 1RB0 QPSK Mid | 0 | -20.42 | -22.30 | 1.88 |
| | WWAN LTE Band 41 HPUE 10MHz 1RB0 QPSK Low | 0 | -10.25 | -11.23 | 0.98 |
| | WWAN NR n26 20MHz 1RB1 BPSK High | 1 | -29.65 | -31.05 | 1.40 |
| | WWAN NR n7 20MHz 1RB1 BPSK Low | 0 | -21.64 | -21.87 | 0.23 |
| | WWAN NR n12 10MHz 1RB1 BPSK Low | 1 | -35.23 | -36.03 | 0.80 |
| | WWAN NR n26 (90S) 15MHz 1RB1 BPSK Mid | 1 | -31.65 | -33.29 | 1.64 |
| | WWAN NR n41 20MHz 1RB1 BPSK Mid | 2 | -12.22 | -14.37 | 2.15 |
| | WWAN NR n77 HPUE (27Q) 20MHz 1RB1 BPSK Low | 6 | -20.74 | -22.69 | 1.95 |
| | | 2 | -37.09 | -39.98 | 2.89 |

| Test Item | Mode | ANT | A4RGXQ96 Reference Worst Result | A4RGTF7P Variant Check Result | Difference (dB) |
|---|---|---|---|---|---|
| Radiated Spurious Emission (dBuV/m) | BT (BR 1Mbps CH78) | 4 | -16.58 | -19.44 | 2.86 |
| | BLE / BT EDR (BLE 1Mbps CH39) | 4 | -4.11 | -6.08 | 1.97 |
| | BLE CS GFSK_DTS (2Mbps CH76) | 3 | -1.95 | -2.16 | 0.21 |
| | BLE CS ASK_FHSS (2Mbps CH76) | 3 | -10.53 | -11.69 | 1.16 |
| | WiFi 2.4GHz (HE20 CH12 Full RU) | 4+3 | -1.58 | -2.78 | 1.20 |
| | WiFi 5GHz (HE20 CH136 Full RU) | 4+3 | -1.52 | -2.24 | 0.72 |
| | WiFi 6GHz (11a CH001) | 4+3 | -1.89 | -2.39 | 0.50 |

**Note:** BLE CS means BLE Channel Sounding.

# Reference detail Section

| Rule Part | Equipment Class | Wireless Technology | Rule Part & Frequency Band | Reference FCC ID (Parent) | Type Grant/ Permissive Change | Reference Exhibit | Full report referenced | FCC ID Filling (Variant) |
|---|---|---|---|---|---|---|---|---|
| 15C | DTS | BLE | §15.247 2.4GHz | A4RGXQ96 | Original Grant | GXQ96_FCC Part 15C BLE | Y | A4RGTF7P |

# List of Measuring Equipment

| Instrument | Brand Name | Model No. | Serial No. | Characteristics | Calibration Date | Test Date | Due Date | Remark |
|---|---|---|---|---|---|---|---|---|
| LOOP Antenna | Rohde & Schwarz | HFH2-Z2 | 100488 | 9 kHz~30 MHz | Sep. 12, 2023 | Aug. 08, 2024 ~ Aug. 12, 2024 | Sep. 11, 2024 | Radiation (03CH21-HY) |
| Bilog Antenna | TESEQ & WOKEN | CBL 6111D & 00802N1D-06 | 63303 & 001 | 30MHz~1GHz | Oct. 15, 2023 | Aug. 08, 2024 ~ Aug. 12, 2024 | Oct. 14, 2024 | Radiation (03CH21-HY) |
| Double Ridge Horn Antenna | ETS-Lindgren | 3117 | 00227880 | 1GHz~18GHz | Oct. 04, 2023 | Aug. 08, 2024 ~ Aug. 12, 2024 | Oct. 03, 2024 | Radiation (03CH21-HY) |
| Double Ridged Guide Horn Antenna | RFSPIN | DRH18-E | LE2C03A18EN | 1GHz~18GHz | Jul. 11, 2024 | Aug. 08, 2024 ~ Aug. 12, 2024 | Jul. 10, 2025 | Radiation (03CH21-HY) |
| SHF-EHF Horn Antenna | SCHWARZBECK | BBHA 9170 | 1223 | 18GHz~40GHz | Jun. 24, 2024 | Aug. 08, 2024 ~ Aug. 12, 2024 | Jun. 23, 2025 | Radiation (03CH21-HY) |
| Amplifier | SONOMA | 310N | 421580 | 30MHz~1GHz | Jul. 14, 2024 | Aug. 08, 2024 ~ Aug. 12, 2024 | Jul. 13, 2025 | Radiation (03CH21-HY) |
| Amplifier | EMEC | EM01G18GA | 060876 | 1GHz~18GHz | Sep. 28, 2023 | Aug. 08, 2024 ~ Aug. 12, 2024 | Sep. 27, 2024 | Radiation (03CH21-HY) |
| Preamplifier | EMEC | EM18G40G | 060871 | 18GHz~40GHz | Aug. 30, 2023 | Aug. 08, 2024 ~ Aug. 12, 2024 | Aug. 29, 2024 | Radiation (03CH21-HY) |
| Spectrum Analyzer | Keysight | N9010B | MY62170358 | 10Hz~44GHz | Aug. 28, 2023 | Aug. 08, 2024 ~ Aug. 12, 2024 | Aug. 27, 2024 | Radiation (03CH21-HY) |
| Signal Generator | Rohde & Schwarz | SMW200A | 111391 | N/A | Jan. 23, 2024 | Aug. 08, 2024 ~ Aug. 12, 2024 | Jan. 22, 2025 | Radiation (03CH21-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 102 | 803951/2 | 9K~30M | Mar. 06, 2024 | Aug. 08, 2024 ~ Aug. 12, 2024 | Mar. 05, 2025 | Radiation (03CH21-HY) |
| RF Cable | HUBER + SUHNER | SUCOFLEX 102 | 804397/2,804612/2,804614/2 | 30MHz~40GHz | Oct. 24, 2023 | Aug. 08, 2024 ~ Aug. 12, 2024 | Oct. 23, 2024 | Radiation (03CH21-HY) |
| Hygrometer | TECPEL | DTM-303A | TP211568 | N/A | Oct. 30, 2023 | Aug. 08, 2024 ~ Aug. 12, 2024 | Oct. 29, 2024 | Radiation (03CH21-HY) |
| Controller | EMEC | EM 1000 | N/A | Control Turn table & Ant Mast | N/A | Aug. 08, 2024 ~ Aug. 12, 2024 | N/A | Radiation (03CH21-HY) |
| Antenna Mast | EMEC | AM-BS-4500-B | N/A | 1~4m | N/A | Aug. 08, 2024 ~ Aug. 12, 2024 | N/A | Radiation (03CH21-HY) |
| Turn Table | EMEC | TT 2000 | N/A | 0~360 Degree | N/A | Aug. 08, 2024 ~ Aug. 12, 2024 | N/A | Radiation (03CH21-HY) |
| Software | Audix | E3 6.2009-8-24 | RK-002349 | N/A | N/A | Aug. 08, 2024 ~ Aug. 12, 2024 | N/A | Radiation (03CH21-HY) |
| DC Power Supply | GW Instek | GPE2323 | GET910884 | 0V~64V ;0A~6A | Nov. 16, 2023 | Jul. 31, 2024~ Aug. 03, 2024 | Nov. 15, 2024 | Conducted (TH03-HY) |
| Signal Analyzer | Rohde & Schwarz | FSV3044 | 101049 | 10Hz~44GHz | Sep. 26, 2023 | Jul. 31, 2024~ Aug. 03, 2024 | Sep. 25, 2024 | Conducted (TH03-HY) |
| Temperature Chamber | ESPEC | SU-241 | 92003713 | -30℃ ~95℃ | May 14, 2024 | Jul. 31, 2024~ Aug. 03, 2024 | May 13, 2025 | Conducted (TH03-HY) |
| Hygrometer | TECPEL | DTM-303B | TP200886 | NA | Mar. 14, 2024 | Jul. 31, 2024~ Aug. 03, 2024 | Mar. 13, 2025 | Conducted (TH03-HY) |
| Base Station (Measure) | Anritsu | MT8000A | 6262148275 | FR1 | Oct. 24, 2023 | Jul. 31, 2024~ Aug. 03, 2024 | Oct. 23, 2024 | Conducted (TH03-HY) |
| Coupler | MVE | MVE-4816-10 | A400024 | N/A | Jun. 27, 2024 | Jul. 31, 2024~ Aug. 03, 2024 | Jun. 26, 2025 | Conducted (TH03-HY) |
| Software 1 | Sporton | FCC 5GNR_FSV3044_20231106 | N/A | Conducted Test Item | N/A | Jul. 31, 2024~ Aug. 03, 2024 | N/A | Conducted (TH03-HY) |

———THE END———