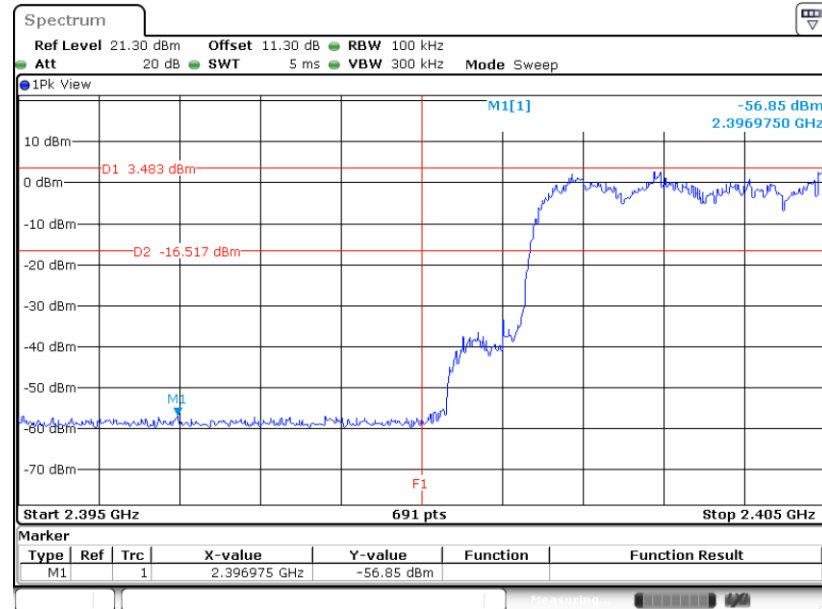


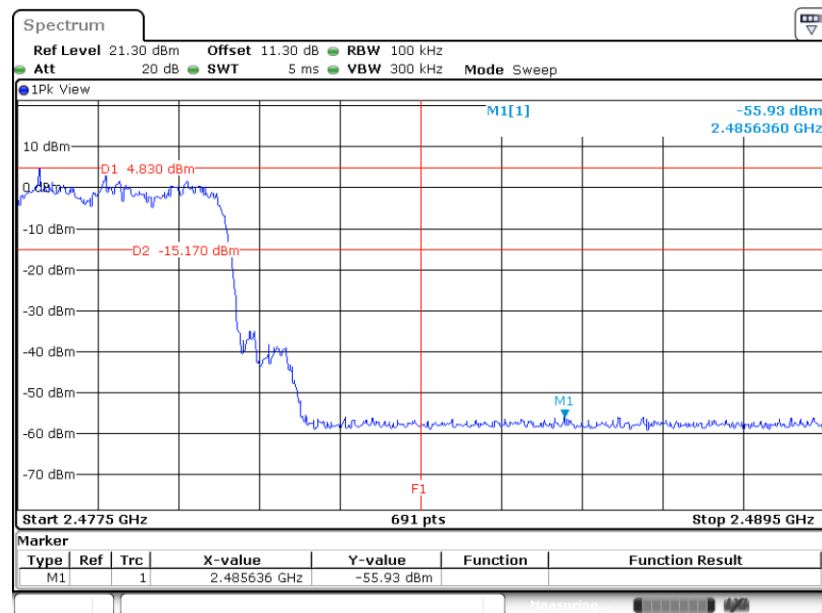


<2Mbps>

Hopping Mode Low Band Edge Plot



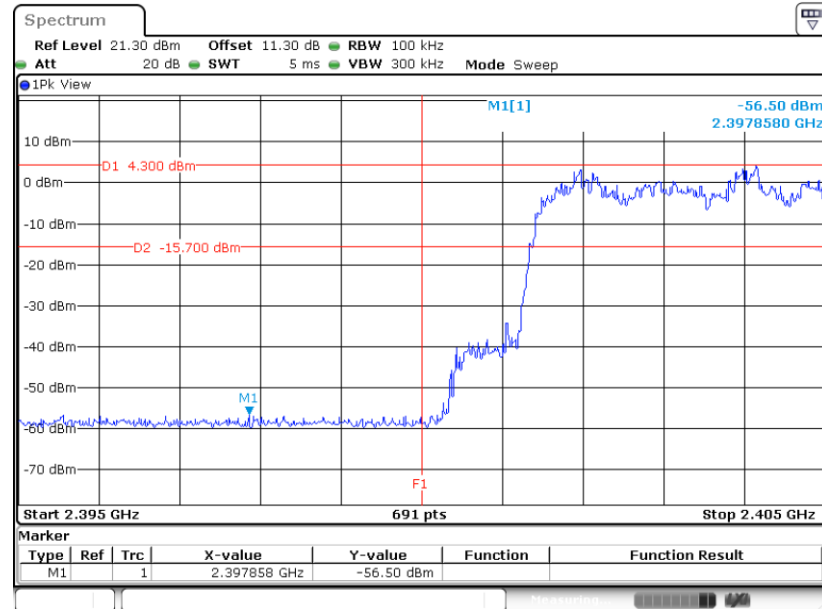
Hopping Mode High Band Edge Plot





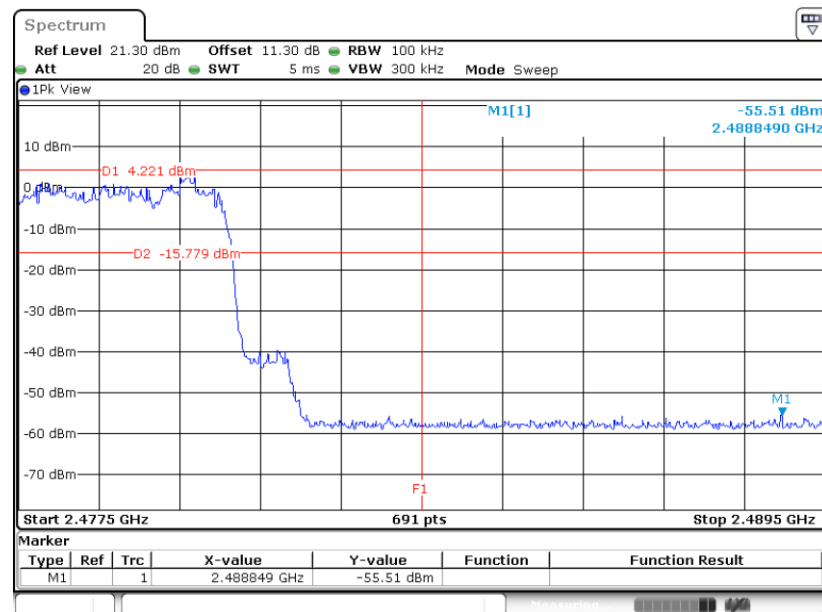
<3Mbps>

Hopping Mode Low Band Edge Plot



Date: 27.JUN.2025 15:36:44

Hopping Mode High Band Edge Plot



Date: 27.JUN.2025 15:36:17

3.7 Conducted Spurious Emission Measurement

3.7.1 Limit of Spurious Emission Measurement

In any 100 kHz bandwidth outside the intentional radiation frequency band, the radio frequency power shall be at least 20 dB below the highest level of the radiated power. In addition, radiated emissions which fall in the restricted bands must also comply with the radiated emission limits.

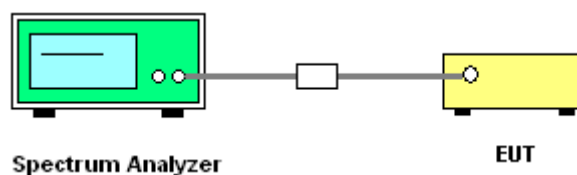
3.7.2 Measuring Instruments

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

3.7.3 Test Procedure

1. The testing follows ANSI C63.10-2013 clause 7.8.8.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Set RBW = 100 kHz, VBW = 300kHz, scan up through 10th harmonic. All harmonics / spurs must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100 kHz RBW.
5. Measure and record the results in the test report.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

3.7.4 Test Setup



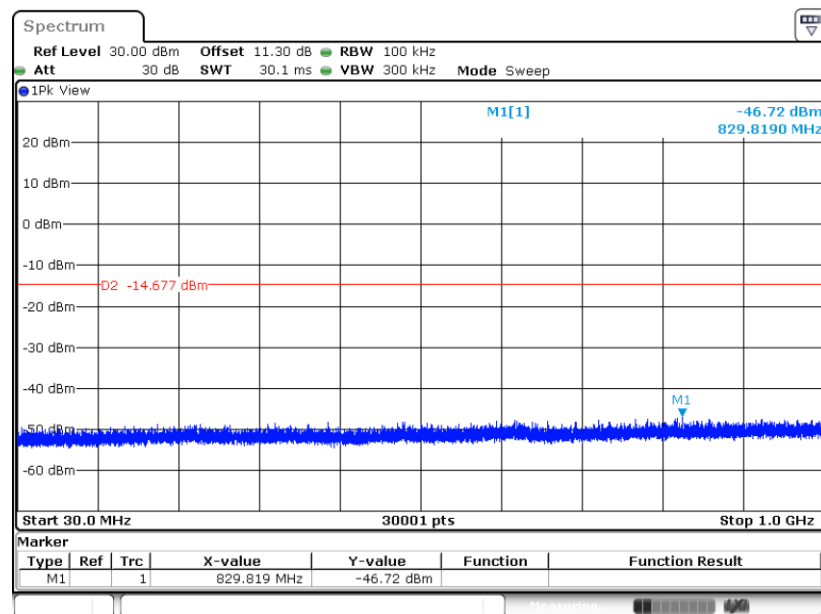


3.7.5 Test Result of Conducted Spurious Emission

Ant1:

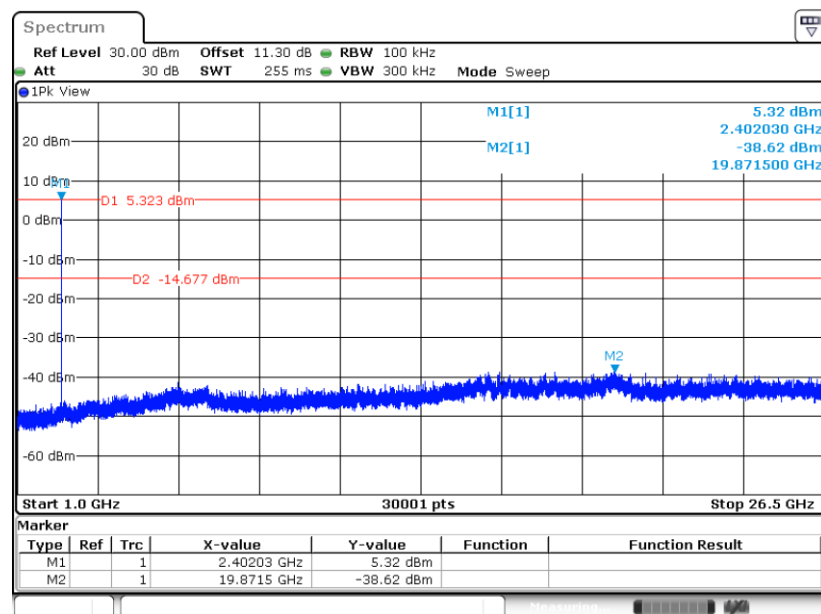
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CSE Plot on Ch 00



Date: 27.JUN.2025 13:02:23

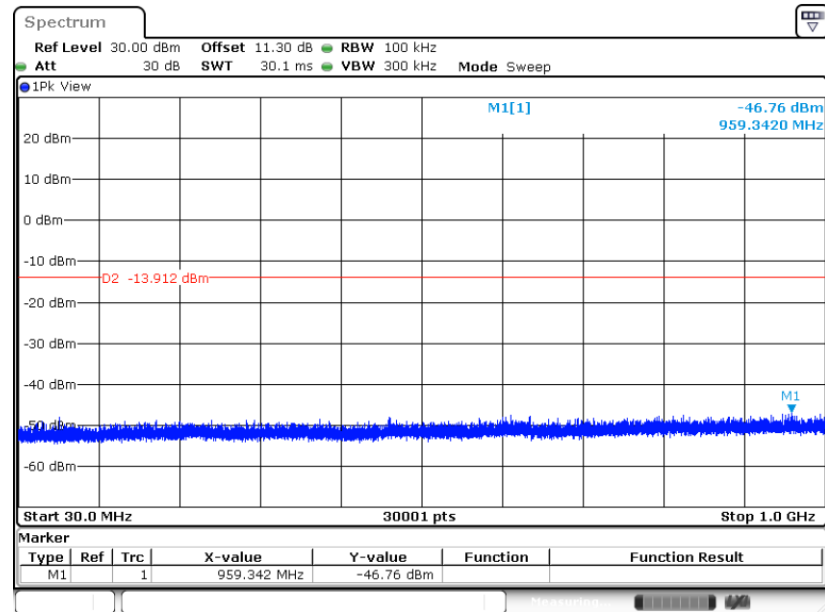
CSE Plot on Ch 00



Date: 27.JUN.2025 13:01:47

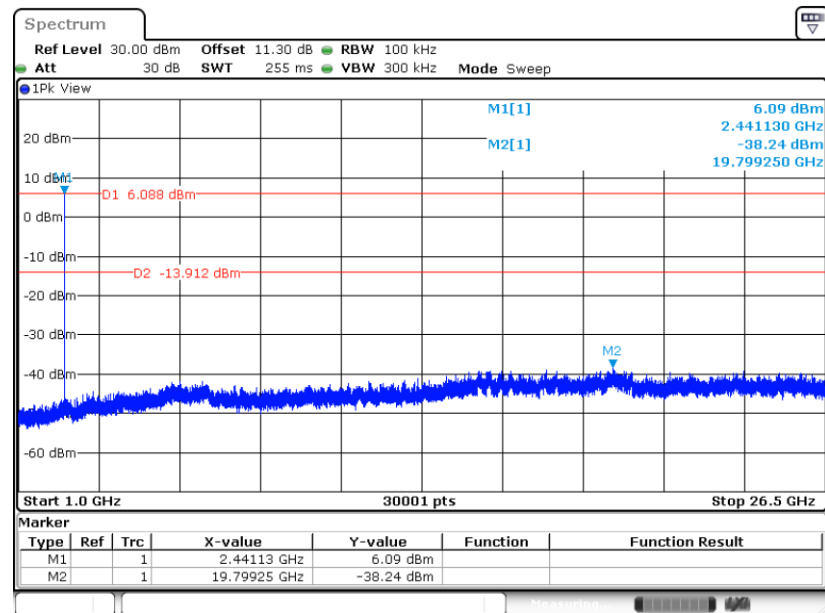


CSE Plot on Ch 39



Date: 27.JUN.2025 13:07:41

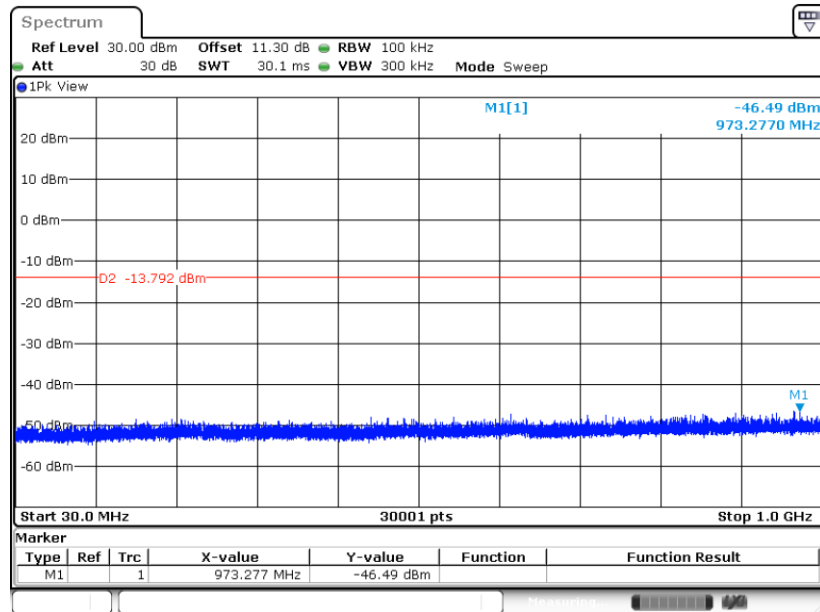
CSE Plot on Ch 39



Date: 27.JUN.2025 13:07:16

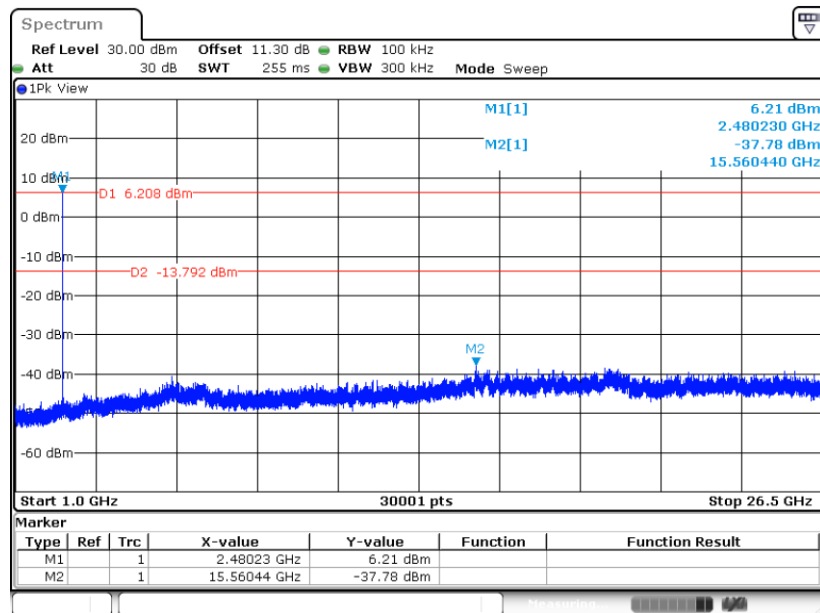


CSE Plot on Ch 78



Date: 27.JUN.2025 13:11:33

CSE Plot on Ch 78

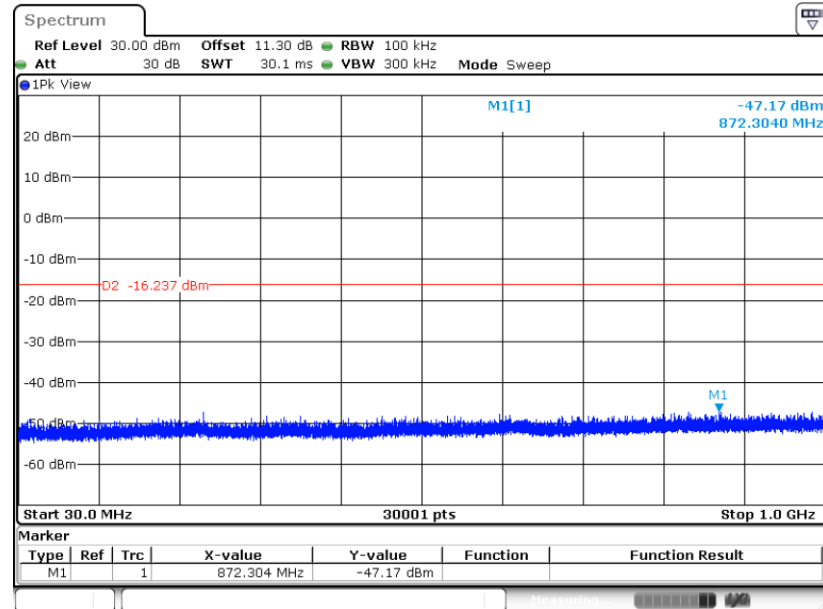


Date: 27.JUN.2025 13:11:08

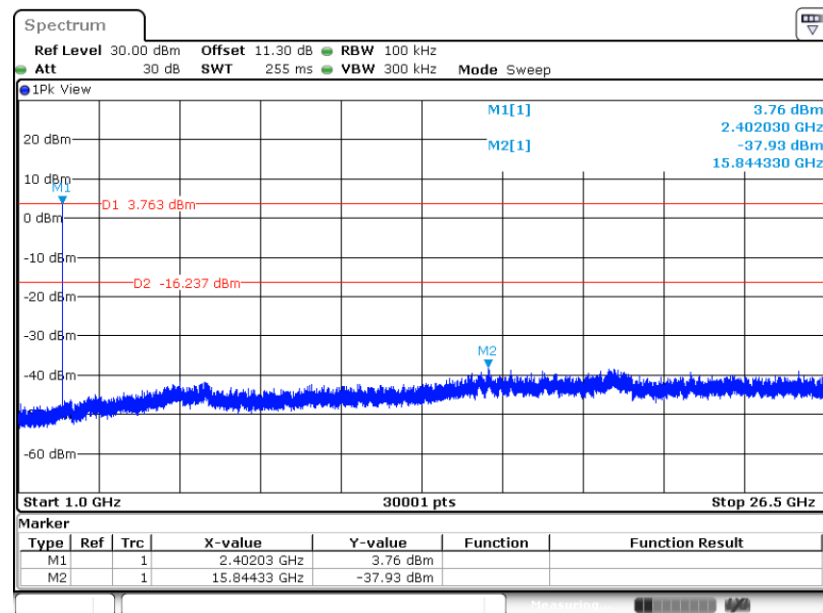


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CSE Plot on Ch 00

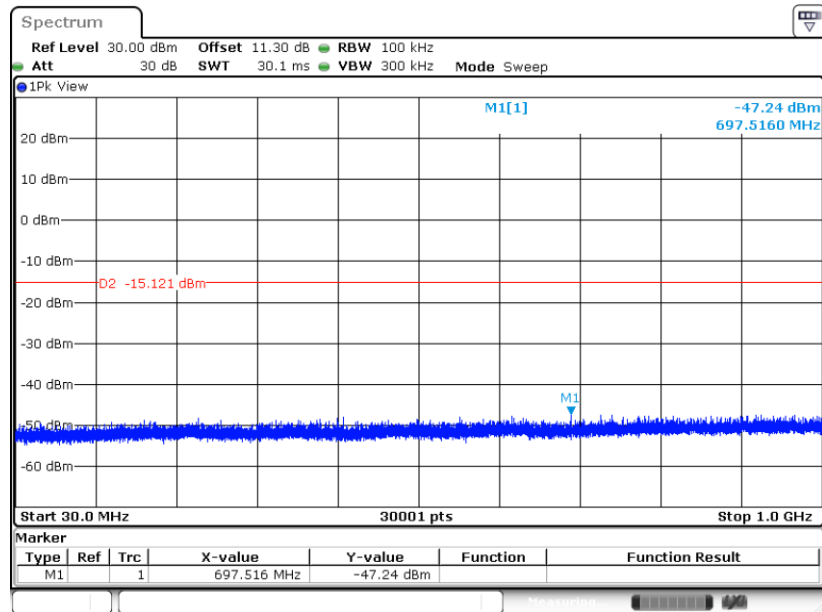


CSE Plot on Ch 00

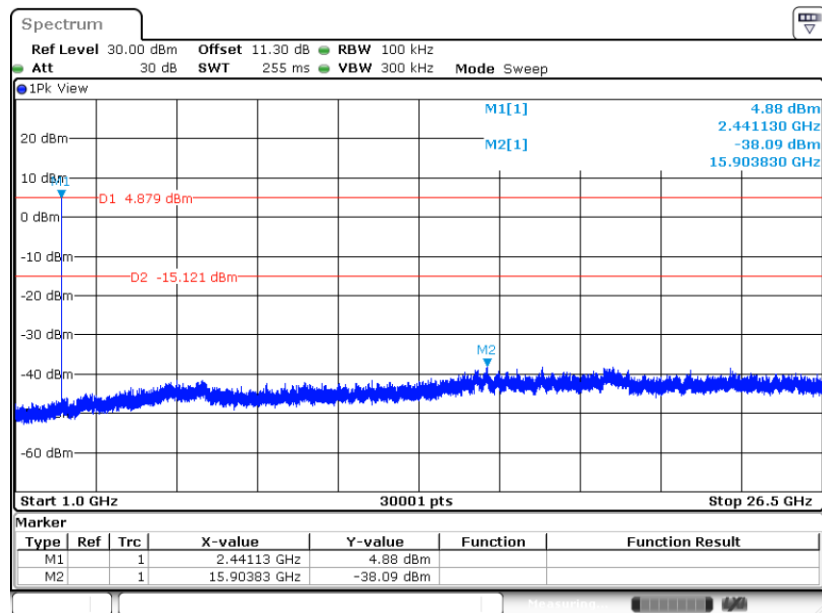




CSE Plot on Ch 39

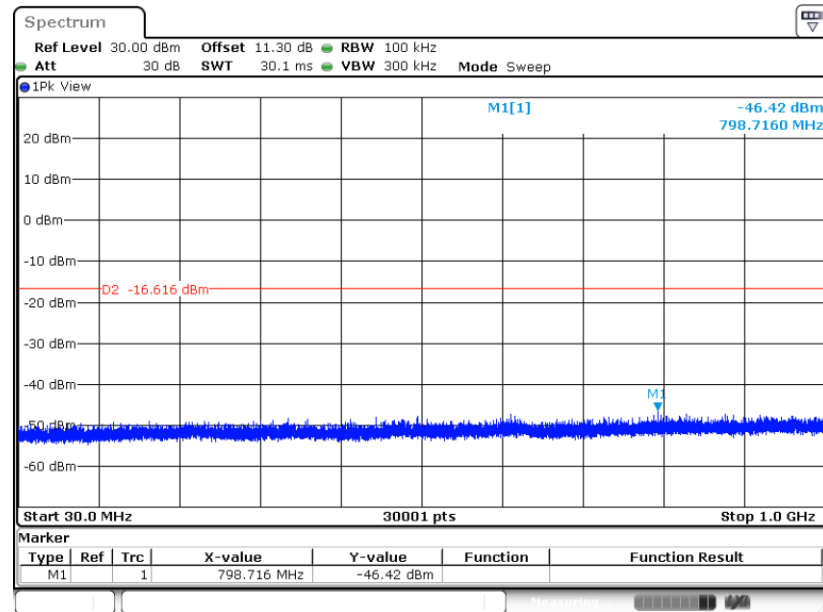


CSE Plot on Ch 39



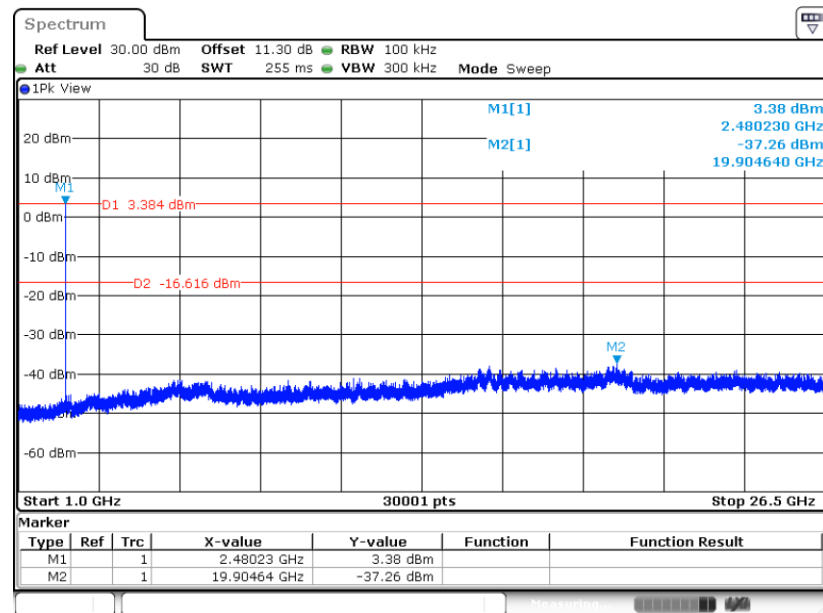


CSE Plot on Ch 78



Date: 27.JUN.2025 14:36:46

CSE Plot on Ch 78

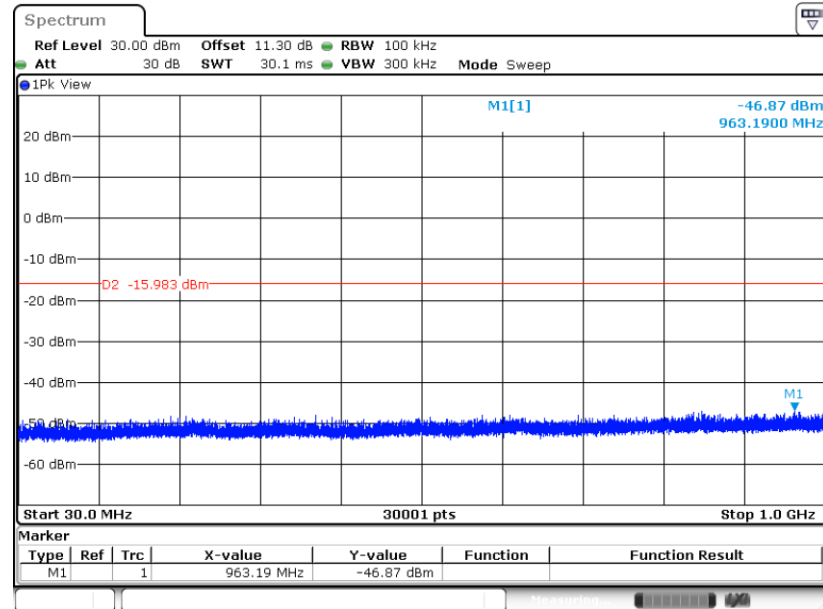


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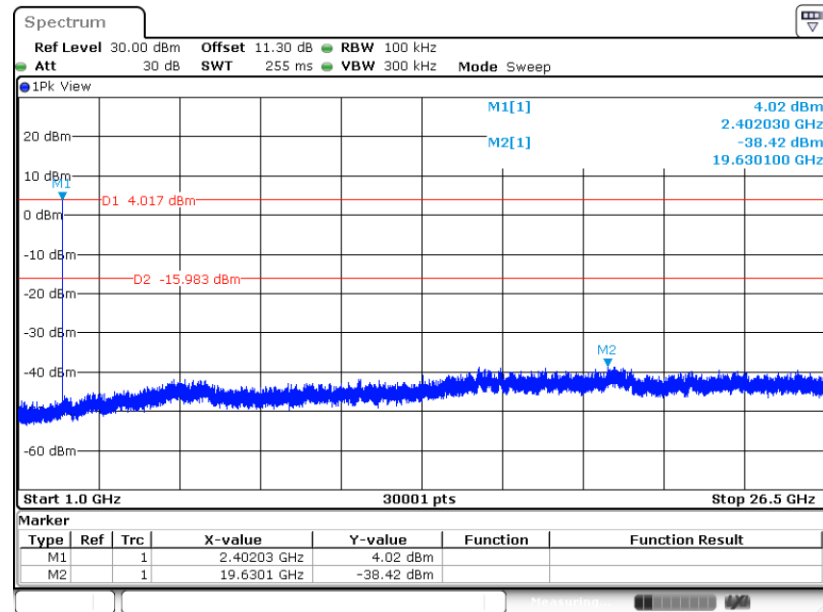
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CSE Plot on Ch 00



Date: 27.JUN.2025 14:42:51

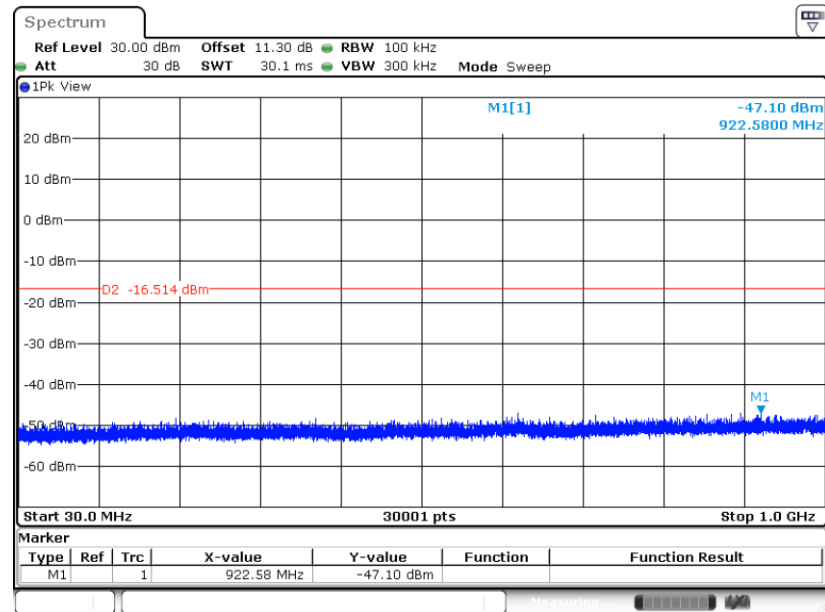
CSE Plot on Ch 00



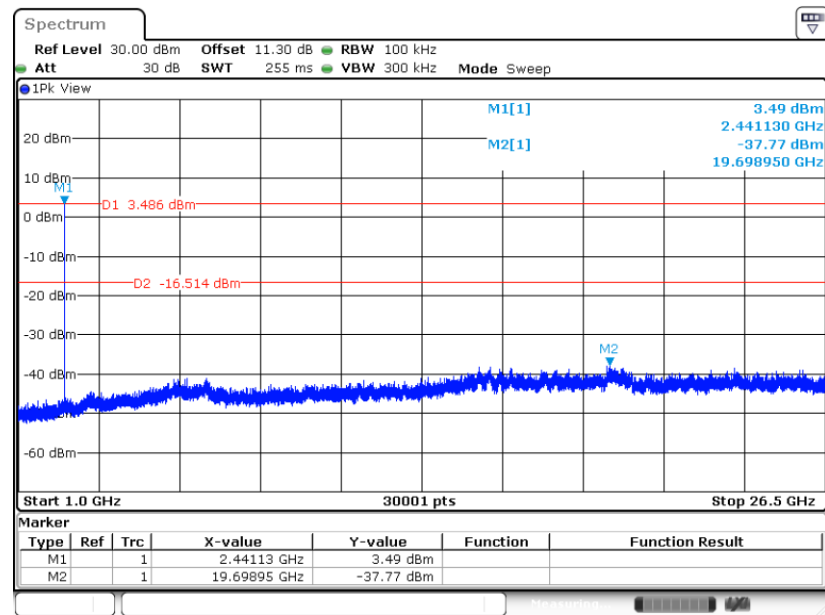
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CSE Plot on Ch 39

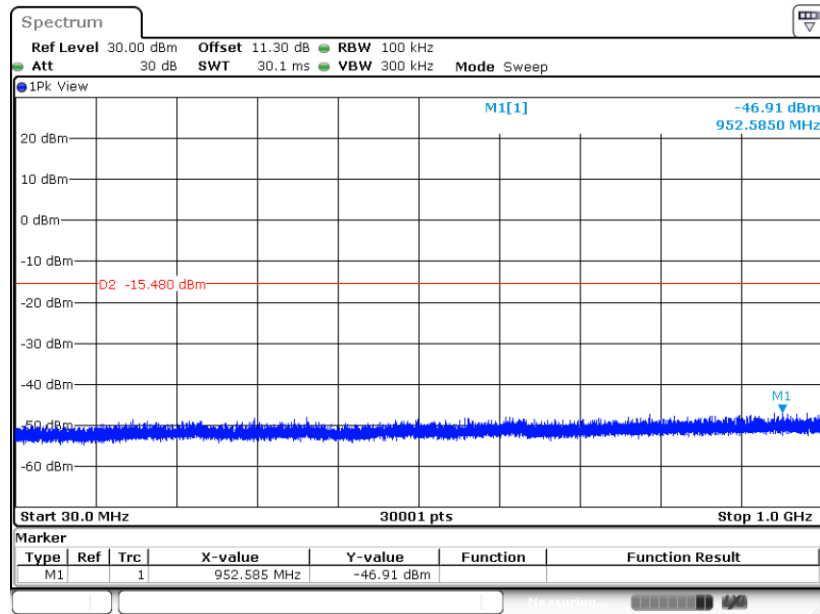


CSE Plot on Ch 39

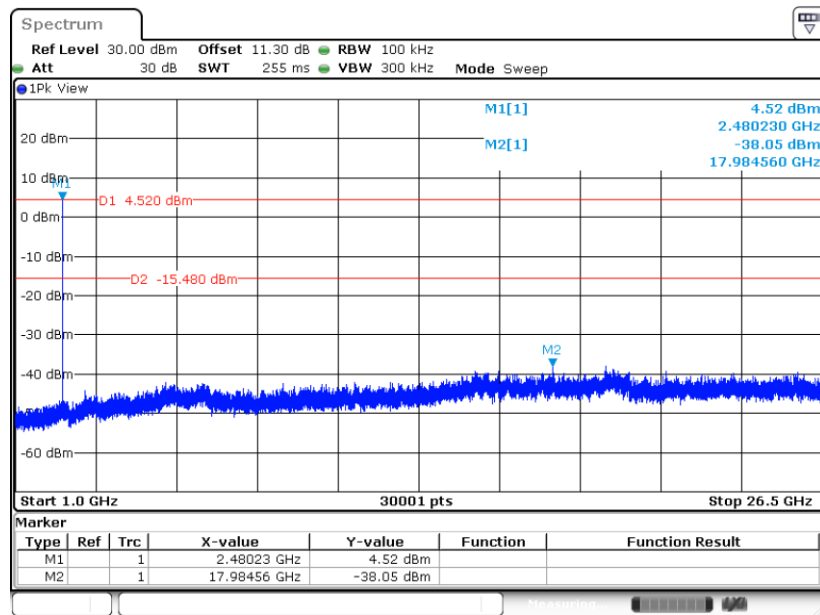




CSE Plot on Ch 78



CSE Plot on Ch 78

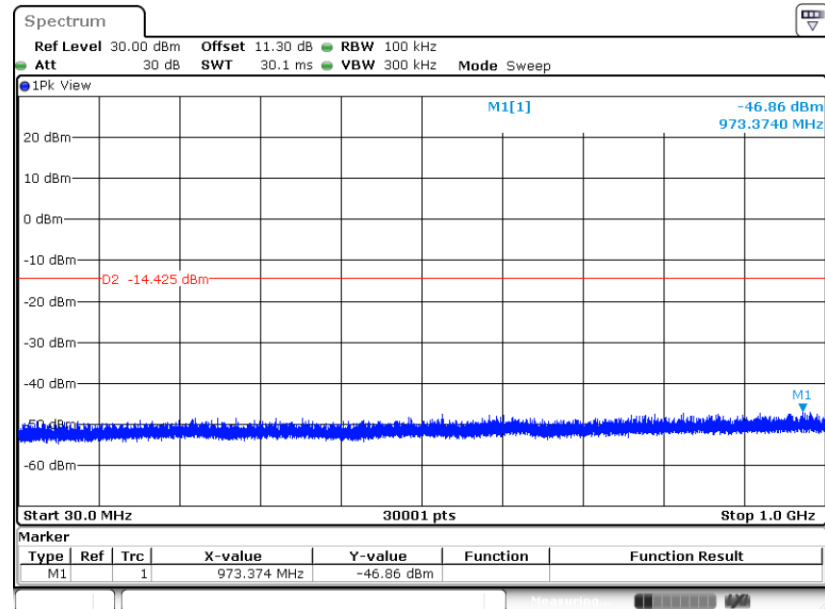




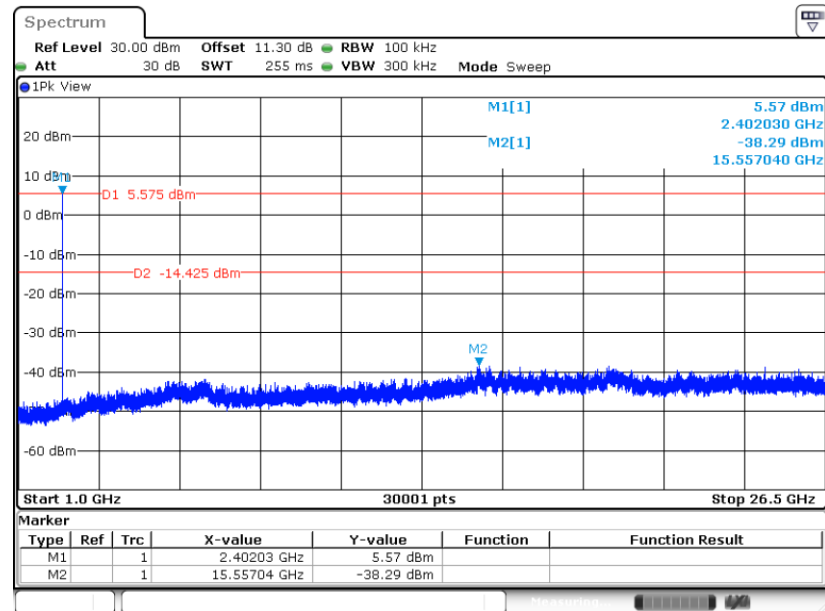
Ant2:

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CSE Plot on Ch 00

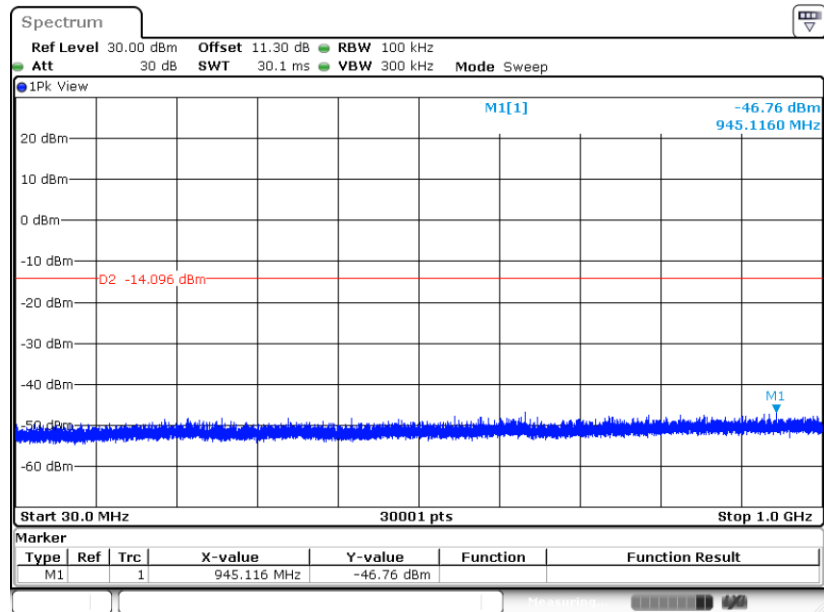


CSE Plot on Ch 00

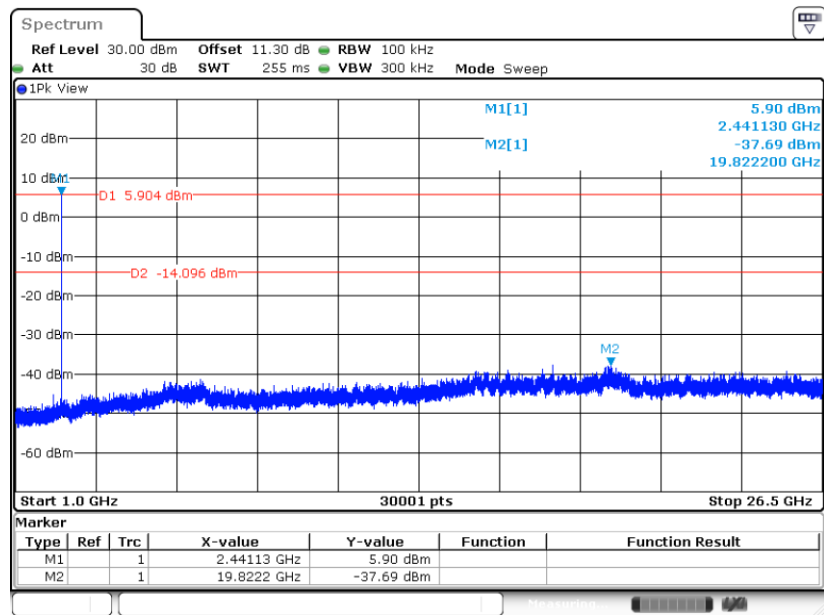




CSE Plot on Ch 39

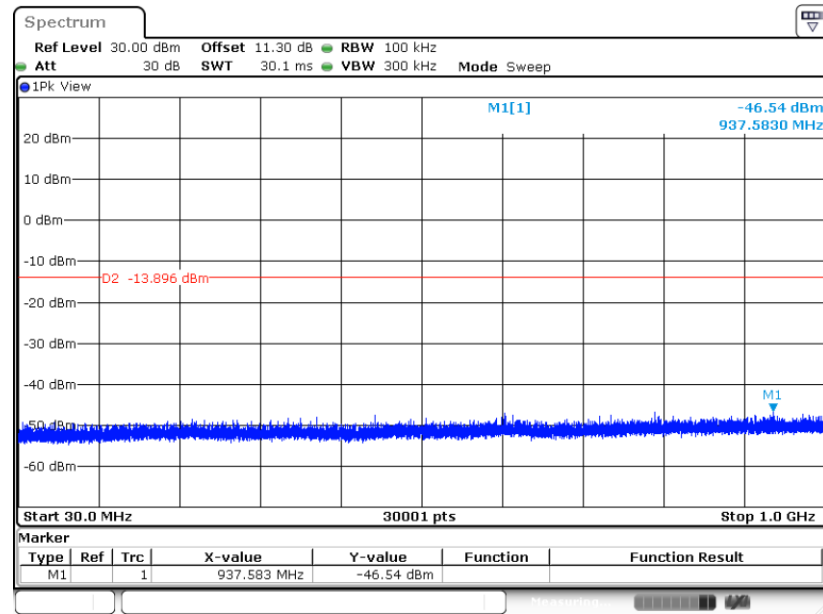


CSE Plot on Ch 39



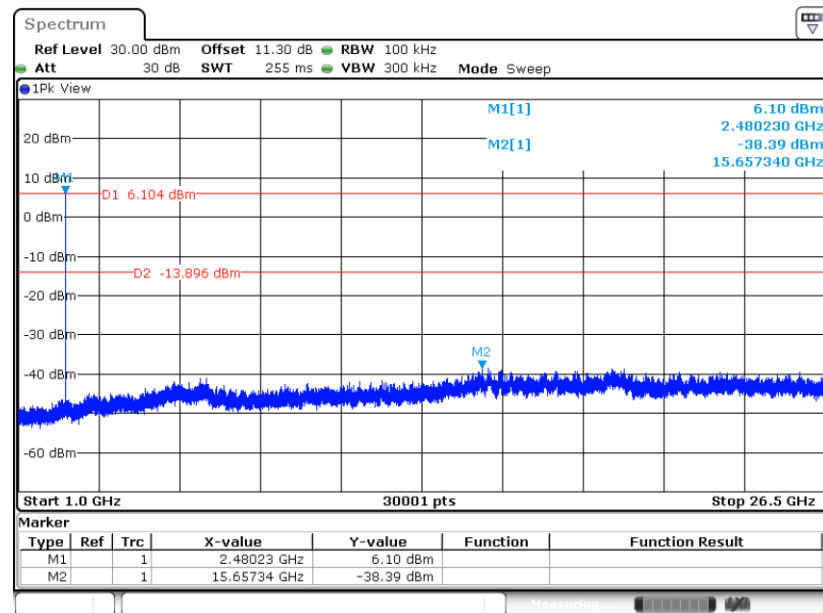


CSE Plot on Ch 78



Date: 27.JUN.2025 15:03:47

CSE Plot on Ch 78

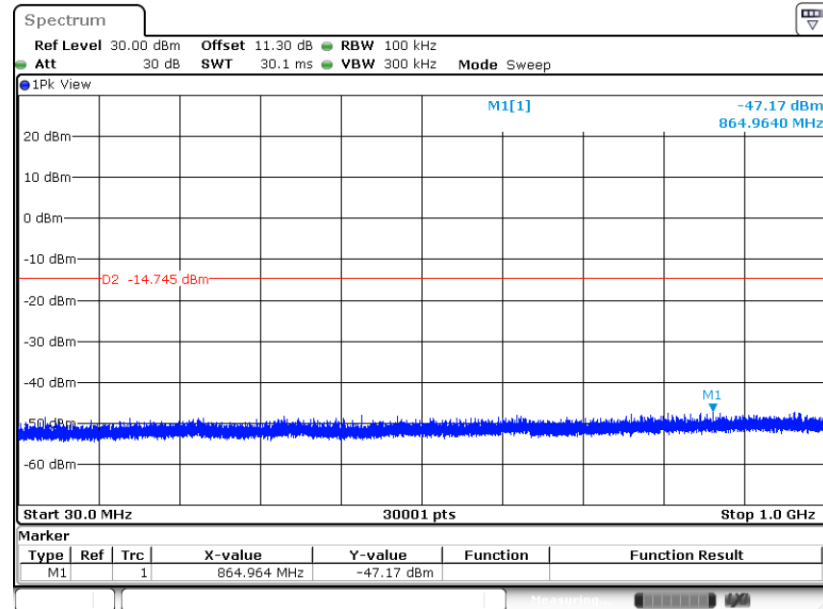


Date: 27.JUN.2025 15:03:21

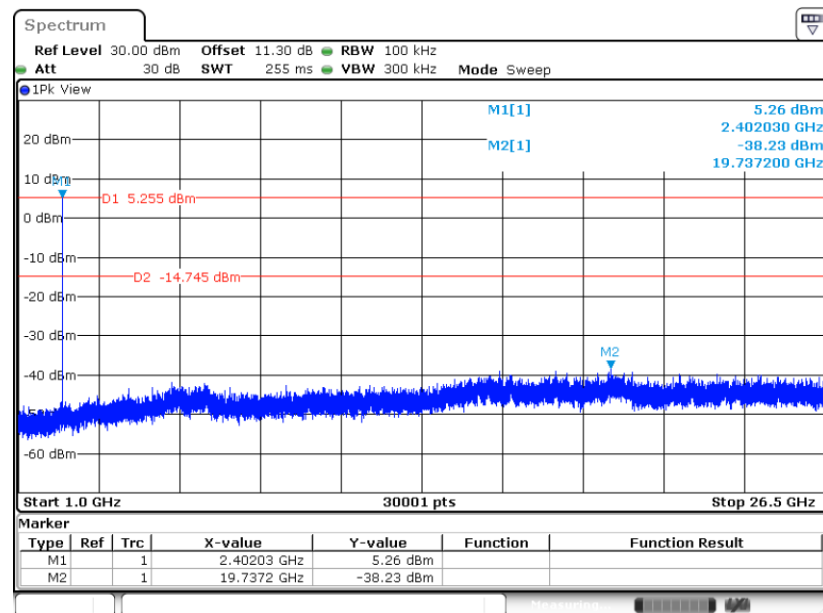


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CSE Plot on Ch 00

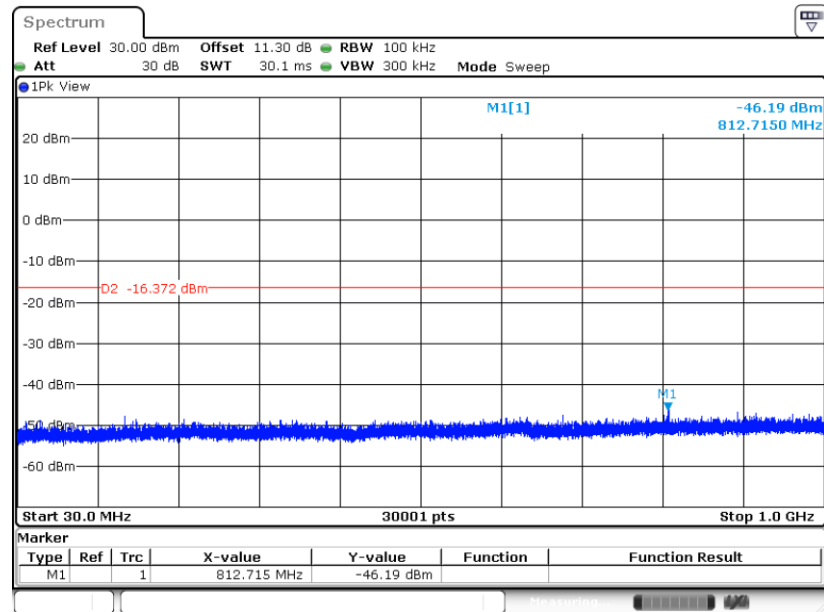


CSE Plot on Ch 00



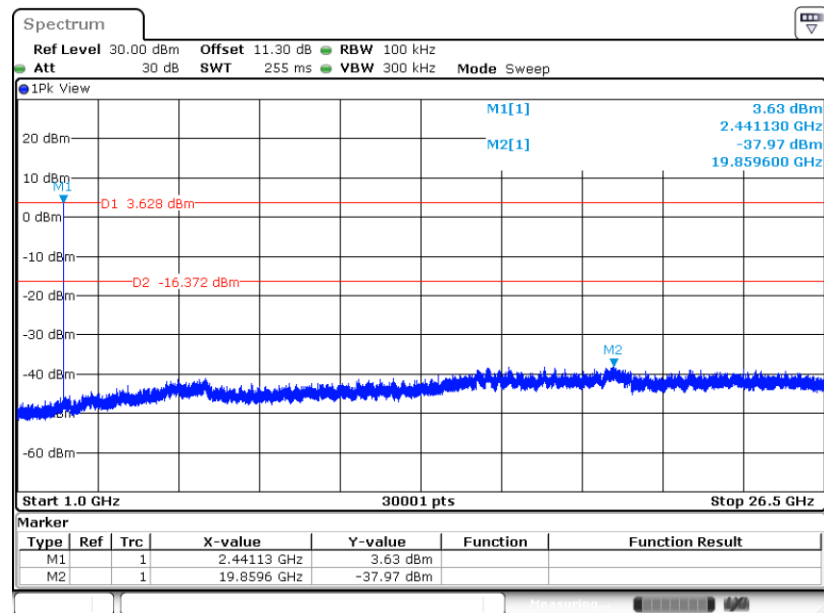


CSE Plot on Ch 39



Date: 27.JUN.2025 15:14:28

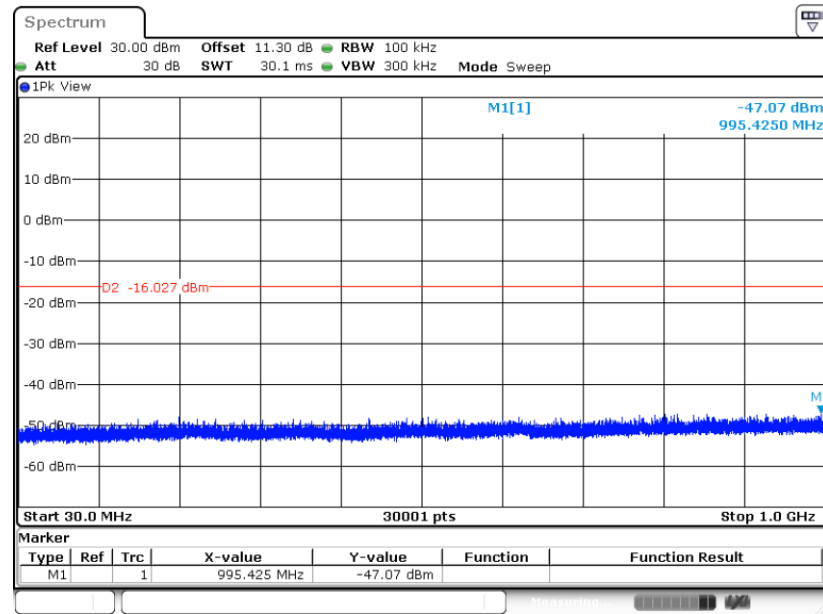
CSE Plot on Ch 39



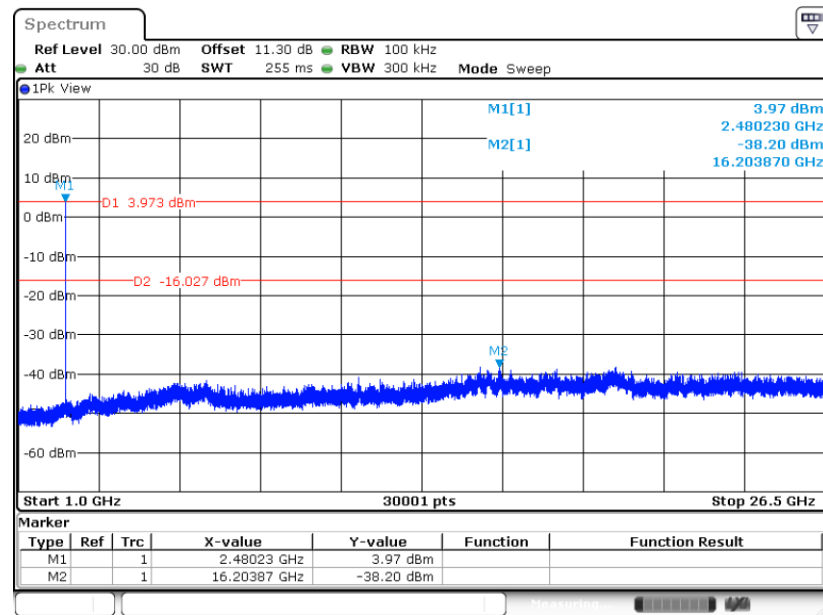
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CSE Plot on Ch 78



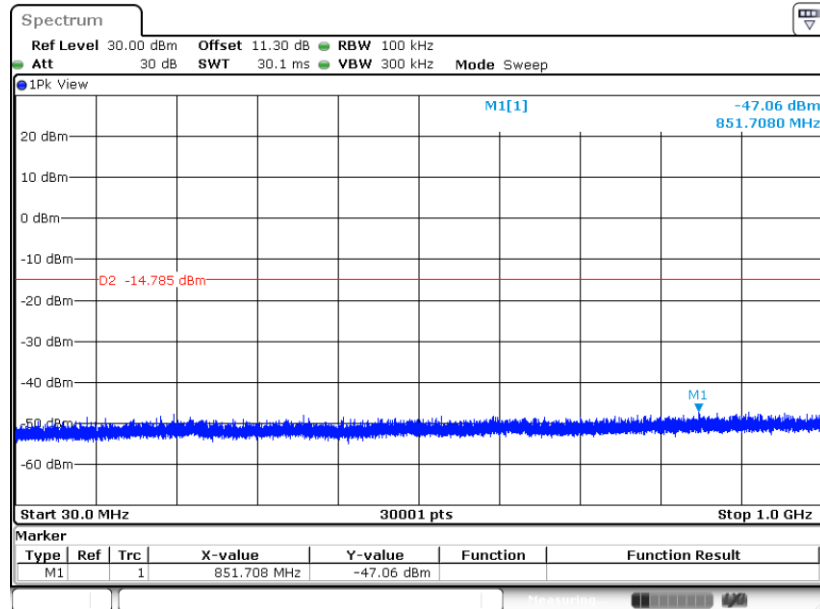
CSE Plot on Ch 78



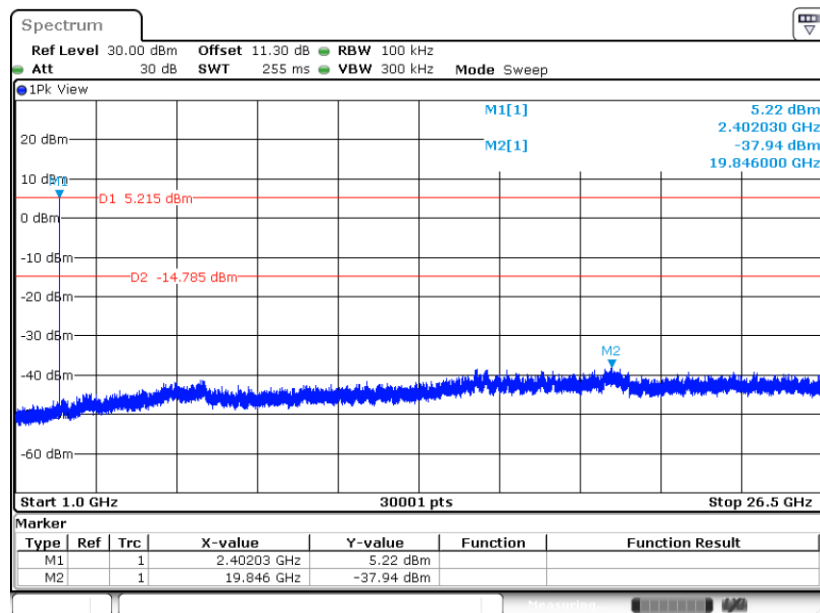


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CSE Plot on Ch 00

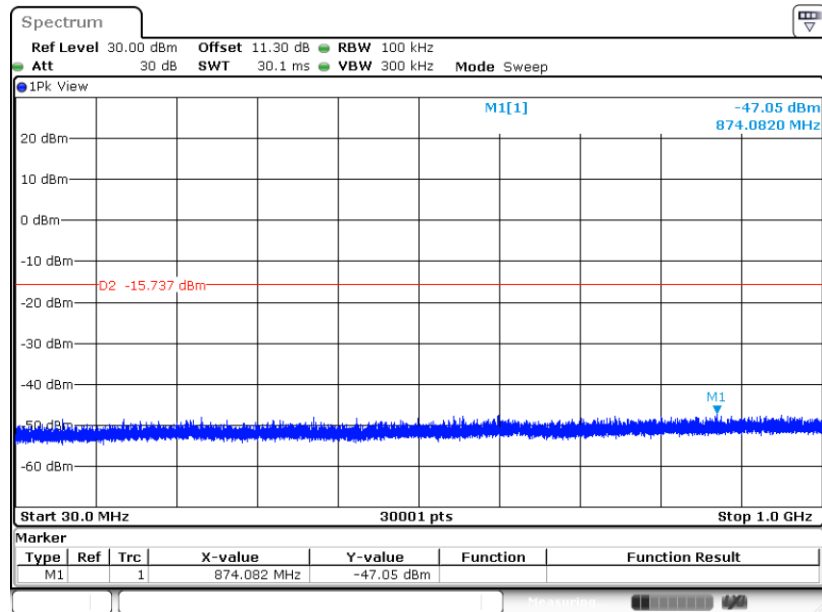


CSE Plot on Ch 00

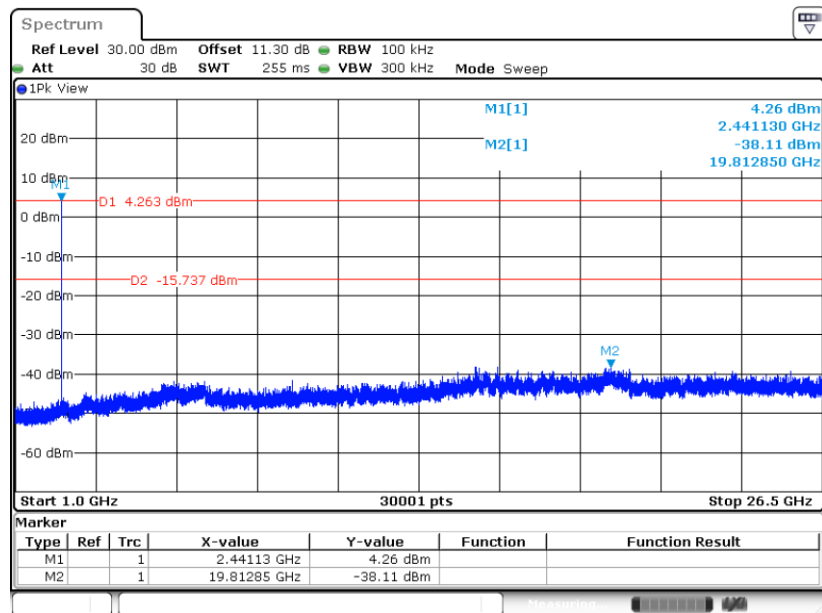




CSE Plot on Ch 39

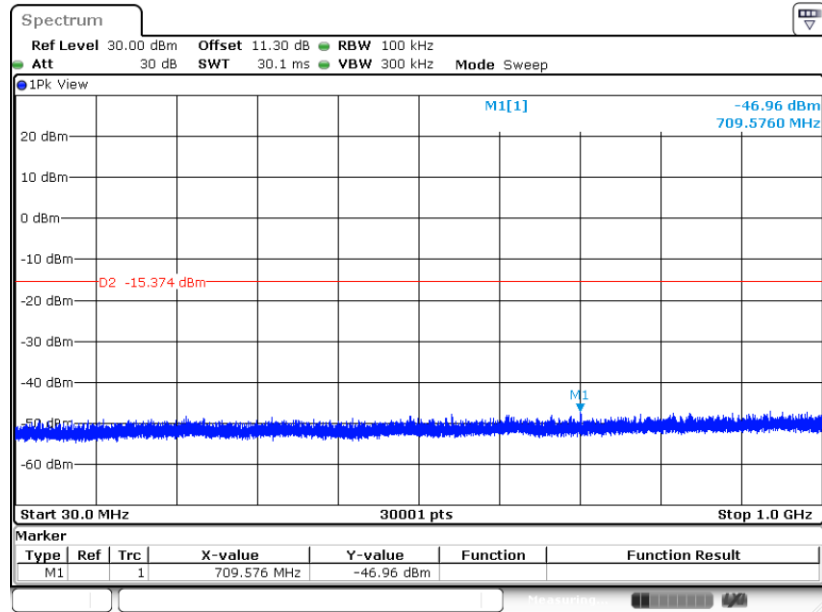


CSE Plot on Ch 39

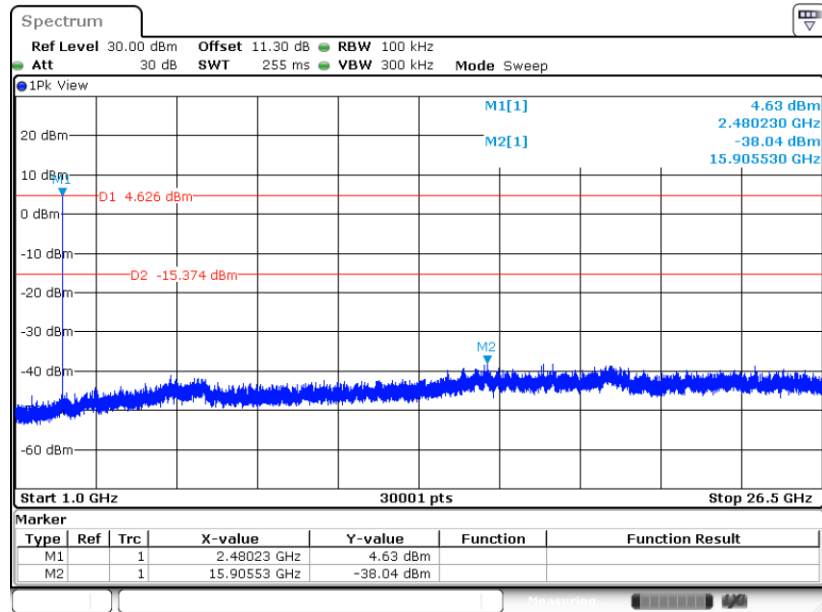




CSE Plot on Ch 78



CSE Plot on Ch 78



3.8 Radiated Band Edges and Spurious Emission Measurement

3.8.1 Limit of Radiated Band Edges and Spurious Emission

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

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

3.8.2 Measuring Instruments

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

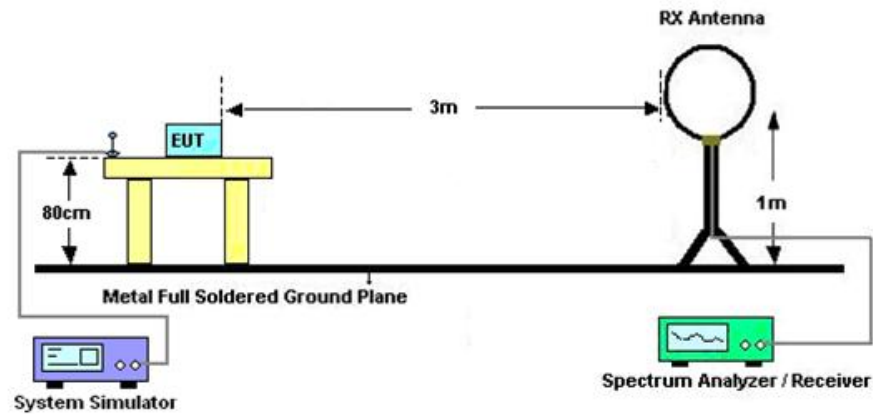
3.8.3 Test Procedures

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

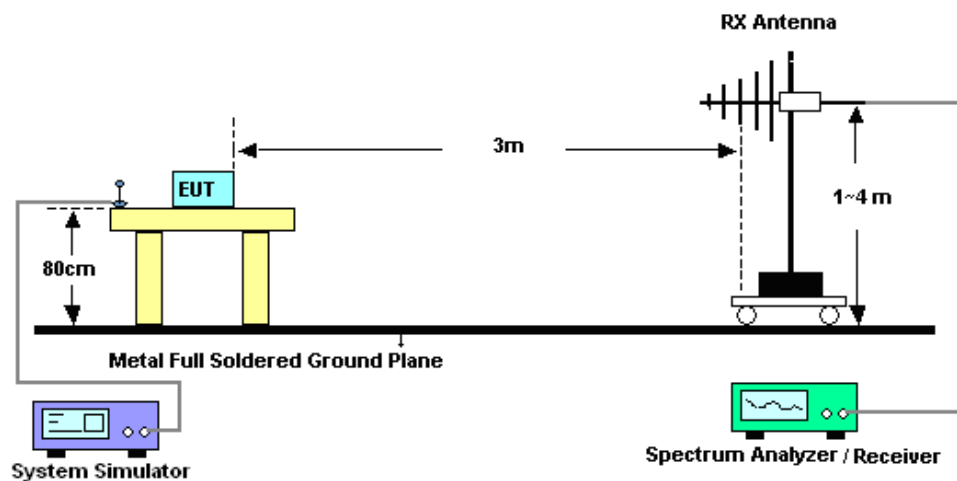
Note: The average levels were calculated from the peak level corrected with duty cycle correction factor (-24.79dB) derived from $20 \log(\text{dwell time}/100\text{ms})$. This correction is only for signals that hop with the fundamental signal, such as band-edge and harmonic. Other spurious signals that are independent of the hopping signal would not use this correction.

3.8.4 Test Setup

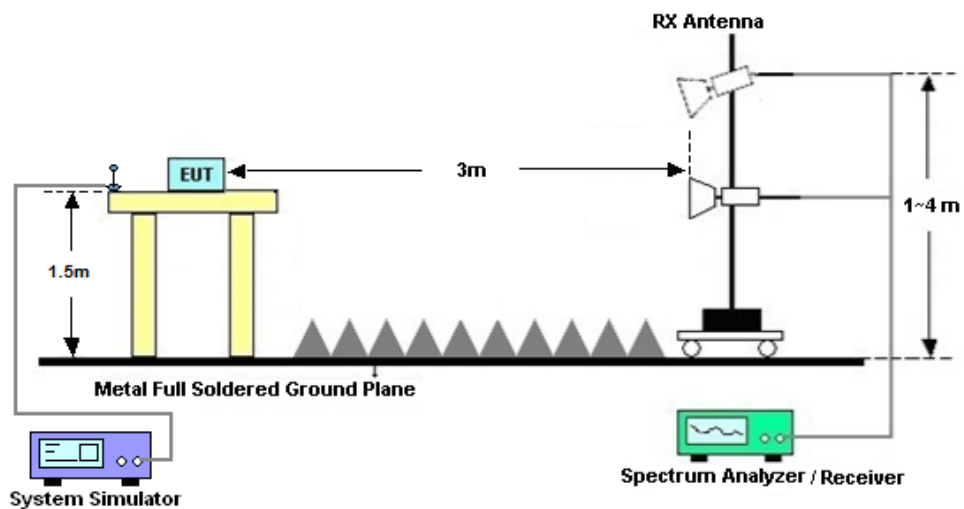
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz





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

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

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

3.8.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C.

3.8.7 Test Result of Radiated Spurious Emission (30MHz ~ 10th Harmonic or 40GHz, whichever is lower)

Please refer to Appendix C.

3.8.8 Duty cycle correction factor for average measurement

Please refer to Appendix D.

3.9 AC Conducted Emission Measurement

3.9.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

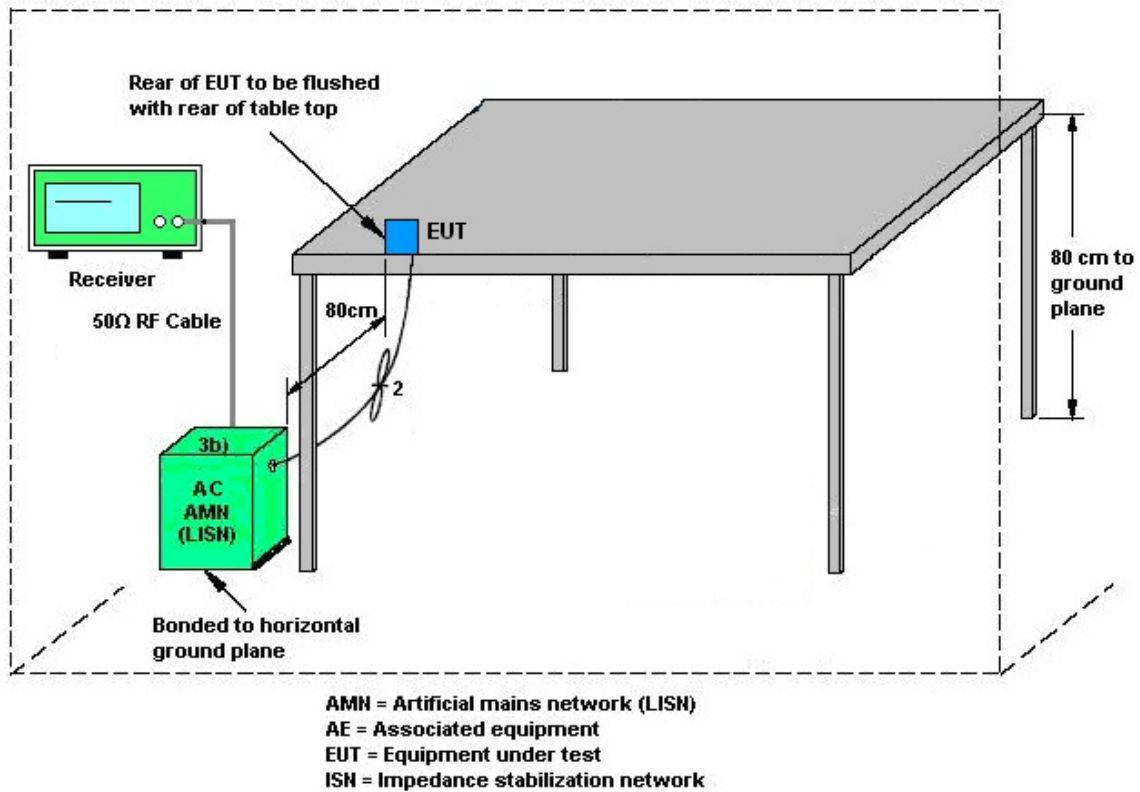
3.9.2 Measuring Instruments

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

3.9.3 Test Procedures

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

3.9.4 Test Setup



3.9.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.10 Antenna Requirements

3.10.1 Standard Applicable

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

3.10.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.10.3 Antenna Gain

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



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 02, 2025	Jun. 26, 2025~ Jun. 27, 2025	Apr. 01, 2026	Conducted (TH01-SZ)
Pulse Power Sensor	Anritsu	MA2411B	1339473	30MHz~40GHz	Dec. 25, 2024	Jun. 26, 2025~ Jun. 27, 2025	Dec. 24, 2025	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1218010	50MHz Bandwidth	Oct.14, 2024	Jun. 26, 2025~ Jun. 27, 2025	Oct. 13, 2025	Conducted (TH01-SZ)
Attenuator	MICROWAV	EMVE2214-10	2	30MHz~26.5GHz	Feb. 22, 2025	Jun. 26, 2025~ Jun. 27, 2025	Feb. 22, 2026	Conducted (TH01-SZ)
Attenuator	MICROWAV	EMVE2214-10	2	30MHz~26.5GHz	Feb. 22, 2025	Jun. 26, 2025~ Jun. 27, 2025	Feb. 22, 2026	Conducted (TH01-SZ)
EMI Test Receiver&SA	KEYSIGHT	N9038A	MY54450083	20Hz~8.4GHz	Apr. 02, 2025	Jul. 05, 2025	Apr. 01, 2026	Radiation (03CH03-SZ)
EXA Signal Analyzer	KEYSIGHT	N9010B	MY59071191	10KHz~44GHz	Apr. 02, 2025	Jul. 05, 2025	Apr. 01, 2026	Radiation (03CH03-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Jul. 05, 2025	Dec. 27, 2025	Radiation (03CH03-SZ)
Bilog Antenna	TeseQ	CBL6112D	35408	30MHz~2GHz	Aug. 20, 2023	Jul. 05, 2025	Aug. 19, 2025	Radiation (03CH03-SZ)
Double Ridge Guide Antenna	ETS-Lindgren	Burgeon-3117	00240107	1GHz~18GHz	Jul. 14, 2024	Jul. 05, 2025	Jul. 13, 2025	Radiation (03CH03-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2025	Jul. 05, 2025	Jul. 02, 2026	Radiation (03CH03-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18GHz~40GHz	Apr. 03, 2025	Jul. 05, 2025	Apr. 02, 2027	Radiation (03CH03-SZ)
Amplifier	EM Electronics	EM330	060756	0.01Hz~3000MHz	Apr. 02, 2025	Jul. 05, 2025	Apr. 01, 2026	Radiation (03CH03-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 14, 2024	Jul. 05, 2025	Oct. 13, 2025	Radiation (03CH03-SZ)
HF Amplifier	Keysight	83017A	MY53270357	500MHz~26.5GHz	Apr. 02, 2025	Jul. 05, 2025	Apr. 01, 2026	Radiation (03CH03-SZ)
AC Power Source	Chroma	61601	616010002729	N/A	Oct. 18, 2024	Jul. 05, 2025	Oct. 17, 2025	Radiation (03CH03-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Jul. 05, 2025	NCR	Radiation (03CH03-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Jul. 05, 2025	NCR	Radiation (03CH03-SZ)
Attenuator	SolvangTech	STI02-3125-06	2	30MHz~26.5GHz	Jan. 27, 2025	Jul. 05, 2025	Jan. 26, 2026	Radiation (03CH03-SZ)
Attenuator	SolvangTech	STI02-3125-06	2	30MHz~26.5GHz	Jan. 26, 2025	Jul. 05, 2025	Jan. 25, 2026	Radiation (03CH03-SZ)
EMI Receiver	R&S	ESR7	102297	9kHz~7GHz;	Jul. 02, 2025	Sep. 09, 2025	Jul. 01, 2026	Conduction (CO02-SZ)
AC LISN	R&S	ENV216	101499	9kHz~30MHz	Jul. 03, 2025	Sep. 09, 2025	Jul. 02, 2026	Conduction (CO02-SZ)
AC Power Source	CHROMA	61601	616010002470	100Vac~250Vac	Dec. 25, 2024	Sep. 09, 2025	Dec. 24, 2025	Conduction (CO02-SZ)

NCR: No Calibration Required

5 Measurement Uncertainty

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

Uncertainty of Conducted Measurement

Test Item	Uncertainty
Conducted Spurious Emission & Bandedge	± 1.34 dB
Occupied Channel Bandwidth	± 0.012 MHz
Conducted Power	± 1.34 dB
Conducted Power Spectral Density	± 1.32 dB
Frequency	± 1.3 Hz

Uncertainty of AC Conducted Emission Measurement (0.15 MHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.5dB
---	-------

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

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

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.9dB
---	-------

Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

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

----- THE END -----



Appendix A. Conducted Test Results

Ant1

Report Number : FR510202-01A

Appendix A. Test Result of Conducted Test Items

Test Engineer:	He Qingsheng	Temperature:	21~25	°C
Test Date:	2025/6/27	Relative Humidity:	51~54	%

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

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	20dB BW (MHz)	99% Bandwidth (MHz)	Hopping Channel Separation Measurement (MHz)	Hopping Channel Separation Measurement Limit (MHz)	Pass/Fail
DH	1Mbps	1	0	2402	0.861	0.751	0.994	0.5739	Pass
DH	1Mbps	1	39	2441	0.870	0.751	1.003	0.5797	Pass
DH	1Mbps	1	78	2480	0.865	0.751	1.003	0.5768	Pass
2DH	2Mbps	1	0	2402	1.278	1.149	1.003	0.8522	Pass
2DH	2Mbps	1	39	2441	1.283	1.149	0.999	0.8551	Pass
2DH	2Mbps	1	78	2480	1.270	1.145	1.003	0.8464	Pass
3DH	3Mbps	1	0	2402	1.270	1.149	1.003	0.8464	Pass
3DH	3Mbps	1	39	2441	1.270	1.149	0.999	0.8464	Pass
3DH	3Mbps	1	78	2480	1.270	1.149	0.999	0.8464	Pass

TEST RESULTS DATA**Dwell Time**

Mod.	Hopping Channel Number Rate	Hops Over Occupancy Time(hops)	Package Transfer Time (msec)	Dwell Time (sec)	Limits (sec)	Pass/Fail
Nomal	79	106.67	2.88	0.31	0.4	Pass
AFH	20	53.33	2.88	0.15	0.4	Pass

TEST RESULTS DATA**Peak Power Table**

DH	CH.	NTX	Peak Power (dBm)	Power Level	Power Limit (dBm)	Test Result
DH5	0	1	6.82	Default	20.97	Pass
	39	1	7.40	Default	20.97	Pass
	78	1	7.58	Default	20.97	Pass
2DH5	0	1	6.17	Default	20.97	Pass
	39	1	6.68	Default	20.97	Pass
	78	1	6.91	Default	20.97	Pass
3DH5	0	1	6.11	Default	20.97	Pass
	39	1	6.51	Default	20.97	Pass
	78	1	6.63	Default	20.97	Pass

TEST RESULTS DATA**Average Power Table
(Reporting Only)**

DH	CH.	NTX	Average Power (dBm)	Duty Factor (dB)
DH5	0	1	6.40	1.15
	39	1	6.80	1.15
	78	1	7.00	1.15
2DH5	0	1	3.90	1.16
	39	1	4.30	1.16
	78	1	4.40	1.16
3DH5	0	1	3.70	1.14
	39	1	4.10	1.14
	78	1	4.20	1.14

TEST RESULTS DATA**Number of Hopping Frequency**

Number of Hopping (Channel)	Adaptive Frequency Hopping (Channel)	Limits (Channel)	Pass/Fail
79	20	> 15	Pass

Ant 2

Report Number : FR510202-01A

Appendix A. Test Result of Conducted Test Items

Test Engineer:	He Qingsheng	Temperature:	21~25	°C
Test Date:	2025/6/27	Relative Humidity:	51~54	%

TEST RESULTS DATA									
20dB and 99% Occupied Bandwidth and Hopping Channel Separation									
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	20dB BW (MHz)	99% Bandwidth (MHz)	Hopping Channel Separation Measurement (MHz)	Hopping Channel Separation Measurement Limit (MHz)	Pass/Fail
DH	1Mbps	1	0	2402	0.870	0.751	0.999	0.5797	Pass
DH	1Mbps	1	39	2441	0.865	0.751	0.994	0.5768	Pass
DH	1Mbps	1	78	2480	0.852	0.751	0.999	0.5681	Pass
2DH	2Mbps	1	0	2402	1.274	1.149	1.003	0.8493	Pass
2DH	2Mbps	1	39	2441	1.274	1.145	0.999	0.8493	Pass
2DH	2Mbps	1	78	2480	1.274	1.145	1.003	0.8493	Pass
3DH	3Mbps	1	0	2402	1.270	1.149	0.999	0.8464	Pass
3DH	3Mbps	1	39	2441	1.270	1.149	1.007	0.8464	Pass
3DH	3Mbps	1	78	2480	1.270	1.147	1.003	0.8464	Pass

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

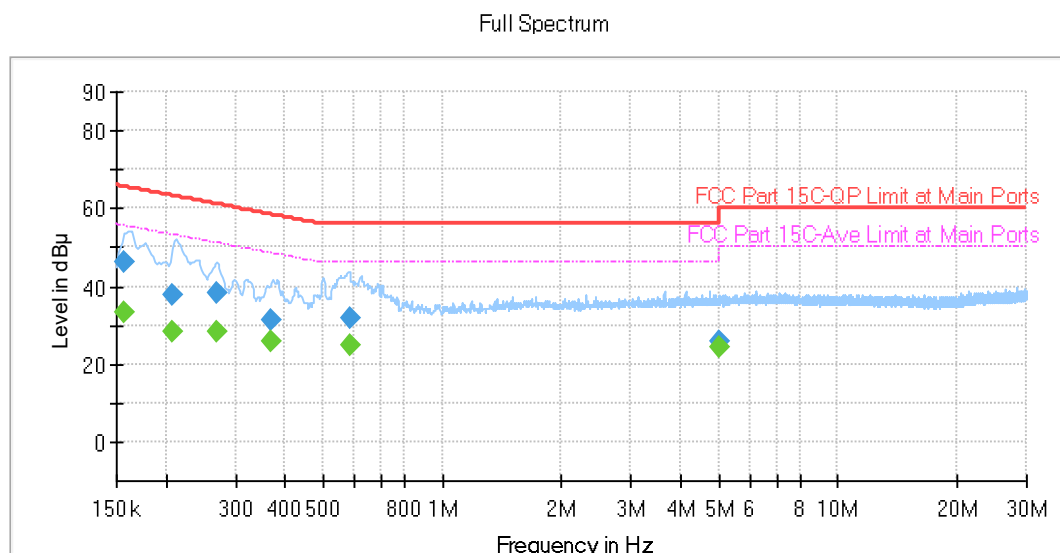
TEST RESULTS DATA						
Peak Power Table						
DH	CH.	NTX	Peak Power (dBm)	Power Level	Power Limit (dBm)	Test Result
DH5	0	1	6.68	Default	20.97	Pass
	39	1	7.08	Default	20.97	Pass
	78	1	7.36	Default	20.97	Pass
2DH5	0	1	6.01	Default	20.97	Pass
	39	1	6.38	Default	20.97	Pass
	78	1	6.65	Default	20.97	Pass
3DH5	0	1	5.88	Default	20.97	Pass
	39	1	6.16	Default	20.97	Pass
	78	1	6.49	Default	20.97	Pass

TEST RESULTS DATA				
Average Power Table				
(Reporting Only)				
DH	CH.	NTX	Average Power (dBm)	Duty Factor (dB)
DH5	0	1	6.40	1.15
	39	1	6.70	1.15
	78	1	7.00	1.15
2DH5	0	1	3.90	1.16
	39	1	4.10	1.16
	78	1	4.40	1.16
3DH5	0	1	3.70	1.14
	39	1	3.90	1.14
	78	1	4.20	1.14

TEST RESULTS DATA			
Number of Hopping Frequency			
Number of Hopping (Channel)	Adaptive Frequency Hopping (Channel)	Limits (Channel)	Pass/Fail
79	20	> 15	Pass

Appendix B. AC Conducted Emission Test Results

Test Engineer :	Nathon	Temperature :	22~24°C
		Relative Humidity :	44~50%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

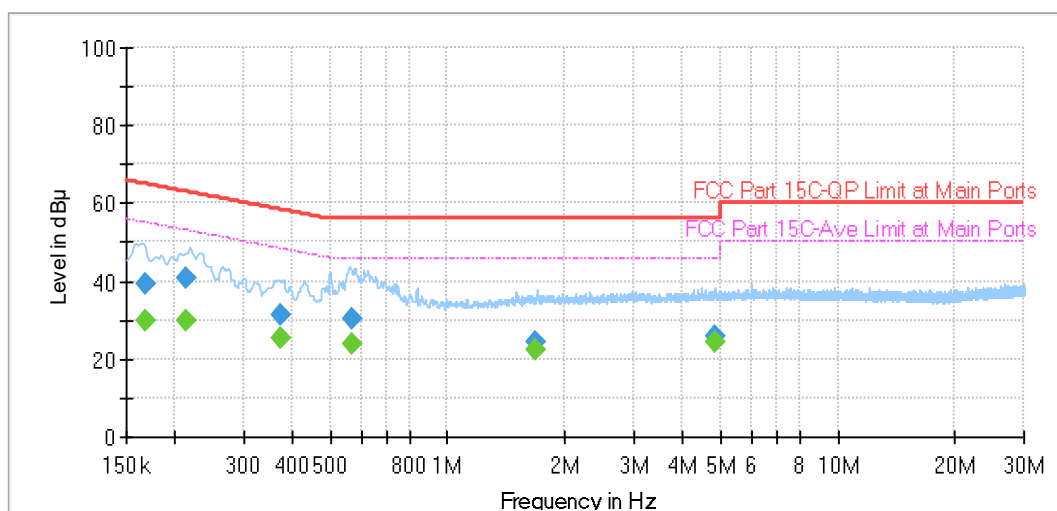


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.156750	46.11	---	65.63	19.53	L1	OFF	19.8
0.156750	---	33.18	55.63	22.46	L1	OFF	19.8
0.207600	37.63	---	63.30	25.67	L1	OFF	19.7
0.207600	---	28.14	53.30	25.16	L1	OFF	19.7
0.268980	38.23	---	61.15	22.92	L1	OFF	19.7
0.268980	---	28.31	51.15	22.84	L1	OFF	19.7
0.368340	31.42	---	58.54	27.12	L1	OFF	19.7
0.368340	---	25.88	48.54	22.66	L1	OFF	19.7
0.584250	31.96	---	56.00	24.05	L1	OFF	19.7
0.584250	---	24.92	46.00	21.08	L1	OFF	19.7
4.996500	25.58	---	56.00	30.42	L1	OFF	19.9
4.996500	---	24.23	46.00	21.77	L1	OFF	19.9

Test Engineer :	Nathon	Temperature :	22~24°C
		Relative Humidity :	44~50%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.168000	39.41	---	65.06	25.65	N	OFF	19.7
0.168000	---	29.71	55.06	25.35	N	OFF	19.7
0.213720	40.81	---	63.06	22.25	N	OFF	19.7
0.213720	---	29.85	53.06	23.21	N	OFF	19.7
0.372390	31.51	---	58.45	26.94	N	OFF	19.7
0.372390	---	25.27	48.45	23.18	N	OFF	19.7
0.566250	30.40	---	56.00	25.60	N	OFF	19.7
0.566250	---	23.88	46.00	22.12	N	OFF	19.7
1.689000	24.58	---	56.00	31.42	N	OFF	19.8
1.689000	---	22.59	46.00	23.41	N	OFF	19.8
4.858710	25.69	---	56.00	30.31	N	OFF	19.8
4.858710	---	24.30	46.00	21.70	N	OFF	19.8



Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Reid Huang	Relative Humidity :	48~49%
		Temperature :	24~25°C

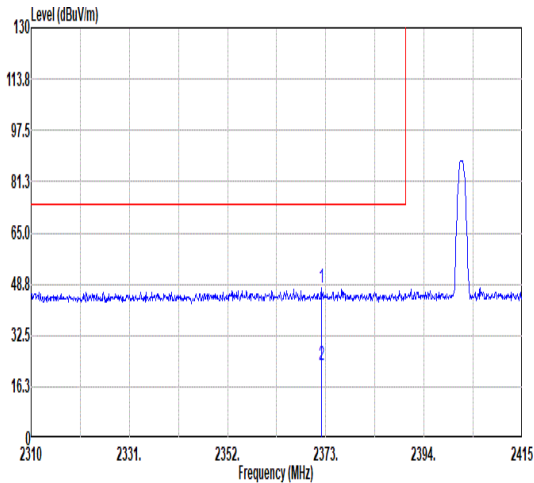
Radiated Spurious Emission Test Modes

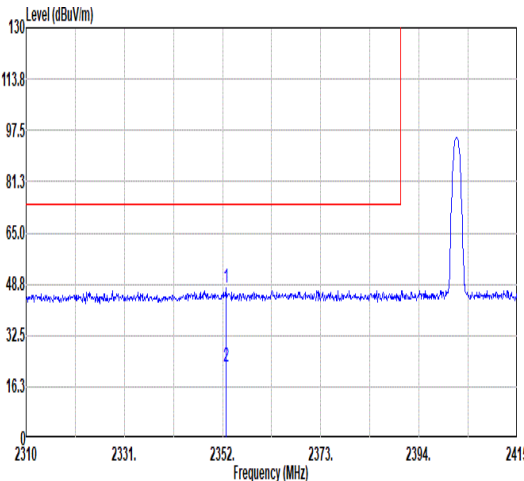
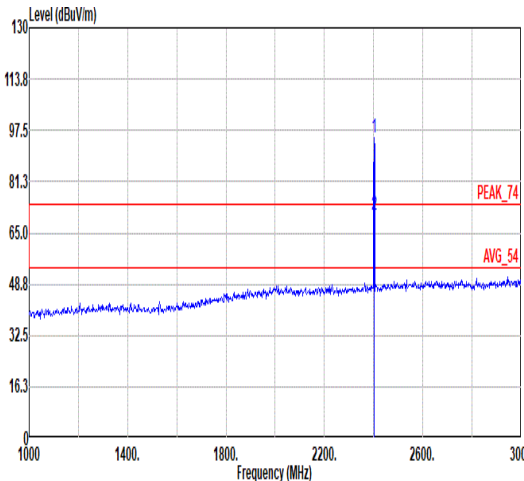
Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	2400-2483.5	1	Bluetooth BR_GFSK	00	2402	1DH5	-	-
Mode 2	2400-2483.5	1	Bluetooth BR_GFSK	39	2441	1DH5	-	-
Mode 3	2400-2483.5	1	Bluetooth BR_GFSK	78	2480	1DH5	-	-
Mode 4	2400-2483.5	1	Bluetooth BR_GFSK	78	LF	1DH5	-	-

Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
1	Bluetooth BR_GFSK	00	2372.06	47.66	74.00	-26.34	H	Peak	Pass	Band Edge
1	Bluetooth BR_GFSK	00	4804.00	45.85	74.00	-28.15	V	Peak	Pass	Harmonic
2	Bluetooth BR_GFSK	39	2487.40	47.63	74.00	-26.37	H	Peak	Pass	Band Edge
2	Bluetooth BR_GFSK	39	7323.00	46.68	74.00	-27.32	H	Peak	Pass	Harmonic
3	Bluetooth BR_GFSK	78	2484.16	48.24	74.00	-25.76	V	Peak	Pass	Band Edge
3	Bluetooth BR_GFSK	78	7440.00	47.19	74.00	-26.81	V	Peak	Pass	Harmonic
4	Bluetooth BR_GFSK	78	33.88	25.98	40.00	-14.02	V	Peak	Pass	LF



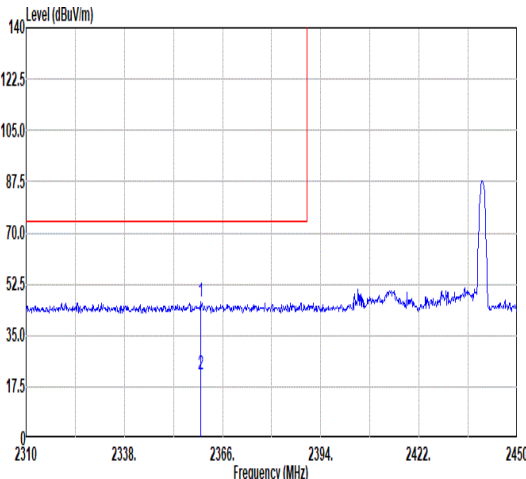
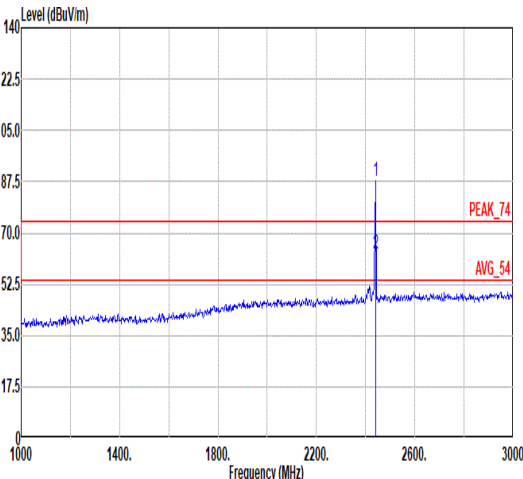
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Mode		Band Edge																																																												
		2400-2483.5 Bluetooth BR_GFSK_CH00_2402MHz																																																												
ANT		1																																																												
Pol.		Horizontal					Fundamental																																																							
Peak																																																														
	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2372.06</td><td>47.66</td><td>74.00</td><td>-26.34</td><td>41.25</td><td>31.66</td><td>8.27</td><td>33.52</td><td>235</td><td>144</td><td>Peak</td></tr><tr><td>2</td><td>2372.06</td><td>22.87</td><td>54.00</td><td>-31.13</td><td>16.46</td><td>31.66</td><td>8.27</td><td>33.52</td><td>235</td><td>144</td><td>Average</td></tr></table>											Limit	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line Margin	Level	Factor	Loss Factor			Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	cm	deg	1	2372.06	47.66	74.00	-26.34	41.25	31.66	8.27	33.52	235	144	Peak	2	2372.06	22.87	54.00	-31.13	16.46	31.66	8.27	33.52	235	144	Average
		Limit	Read	Ant	Cable	Preamp	APos	TPos																																																						
Freq	Level	Line Margin	Level	Factor	Loss Factor			Remark																																																						
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	cm	deg																																																					
1	2372.06	47.66	74.00	-26.34	41.25	31.66	8.27	33.52	235	144	Peak																																																			
2	2372.06	22.87	54.00	-31.13	16.46	31.66	8.27	33.52	235	144	Average																																																			
<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th></th><th></th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2402.00</td><td>88.15</td><td>-----</td><td>-----</td><td>81.60</td><td>31.73</td><td>8.33</td><td>33.51</td><td>235</td><td>144</td><td>Peak</td></tr><tr><td>2</td><td>2402.00</td><td>63.36</td><td>-----</td><td>-----</td><td>56.81</td><td>31.73</td><td>8.33</td><td>33.51</td><td>235</td><td>144</td><td>Average</td></tr></table>											Limit	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line Margin	Level	Factor	Loss Factor			Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	cm	deg	1	2402.00	88.15	-----	-----	81.60	31.73	8.33	33.51	235	144	Peak	2	2402.00	63.36	-----	-----	56.81	31.73	8.33	33.51	235	144	Average	
	Limit	Read	Ant	Cable	Preamp	APos	TPos																																																							
Freq	Level	Line Margin	Level	Factor	Loss Factor			Remark																																																						
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	cm	deg																																																					
1	2402.00	88.15	-----	-----	81.60	31.73	8.33	33.51	235	144	Peak																																																			
2	2402.00	63.36	-----	-----	56.81	31.73	8.33	33.51	235	144	Average																																																			

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Pol.	Vertical					Fundamental																																																																																																								
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	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2352.74</td><td>47.56</td><td>74.00</td><td>-26.44</td><td>41.24</td><td>31.62</td><td>8.23</td><td>33.53</td><td>307</td><td>236 Peak</td></tr><tr><td>2</td><td>2352.74</td><td>22.77</td><td>54.00</td><td>-31.23</td><td>16.45</td><td>31.62</td><td>8.23</td><td>33.53</td><td>307</td><td>236 Average</td></tr></table>						Limit	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	cm	deg	1	2352.74	47.56	74.00	-26.44	41.24	31.62	8.23	33.53	307	236 Peak	2	2352.74	22.77	54.00	-31.23	16.45	31.62	8.23	33.53	307	236 Average	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2402.00</td><td>95.31</td><td>-----</td><td>-----</td><td>88.76</td><td>31.73</td><td>8.33</td><td>33.51</td><td>307</td><td>236 Peak</td></tr><tr><td>2</td><td>2402.00</td><td>70.52</td><td>-----</td><td>-----</td><td>63.97</td><td>31.73</td><td>8.33</td><td>33.51</td><td>307</td><td>236 Average</td></tr></table>						Limit	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	cm	deg	1	2402.00	95.31	-----	-----	88.76	31.73	8.33	33.51	307	236 Peak	2	2402.00	70.52	-----	-----	63.97	31.73	8.33	33.51	307	236 Average
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1	2352.74	47.56	74.00	-26.44	41.24	31.62	8.23	33.53	307	236 Peak																																																																																																				
2	2352.74	22.77	54.00	-31.23	16.45	31.62	8.23	33.53	307	236 Average																																																																																																				
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1	2402.00	95.31	-----	-----	88.76	31.73	8.33	33.51	307	236 Peak																																																																																																				
2	2402.00	70.52	-----	-----	63.97	31.73	8.33	33.51	307	236 Average																																																																																																				

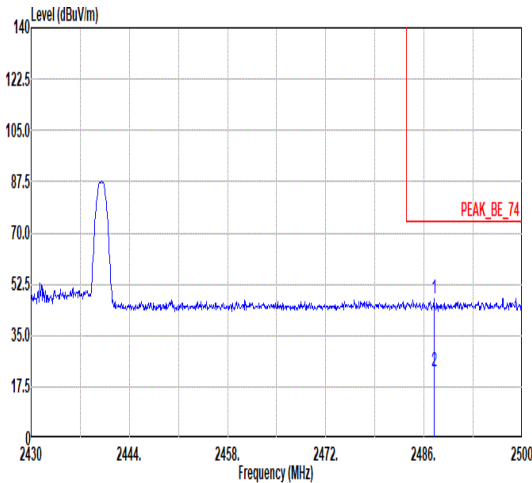


Mode	1																																																																																																																			
	Harmonic																																																																																																																			
	2400-2483.5_Bluetooth BR_GFSK_CH00_2402MHz																																																																																																																			
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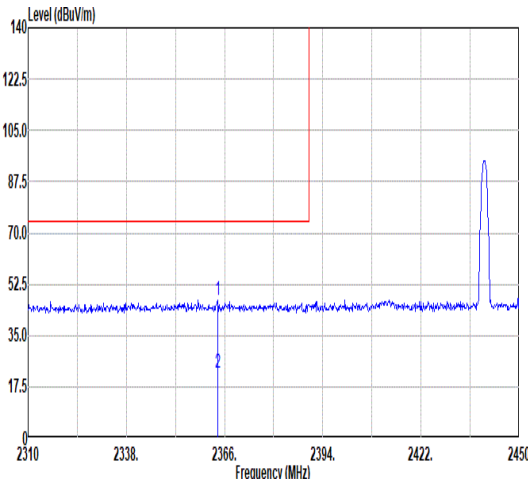
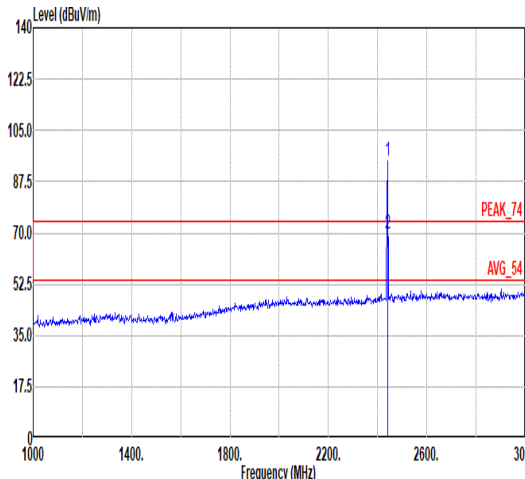


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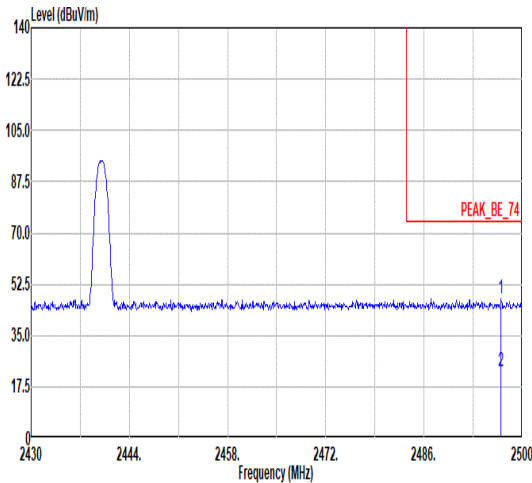


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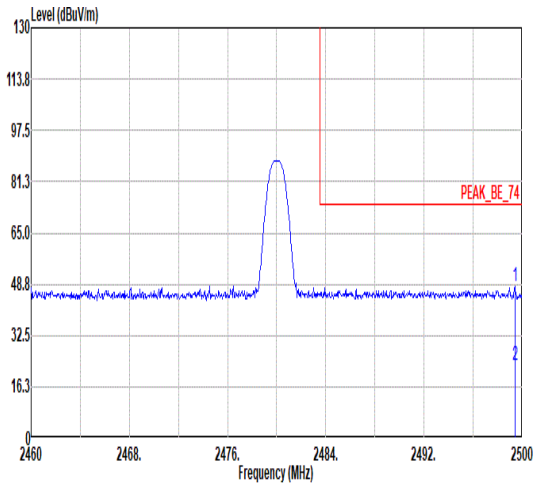
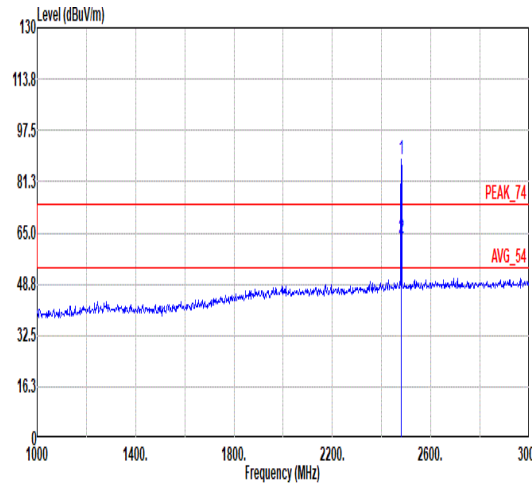


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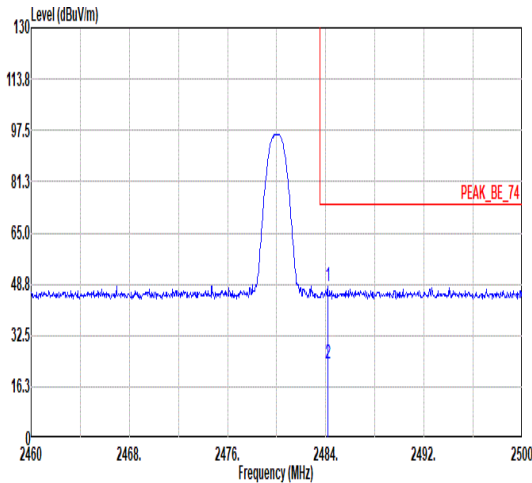
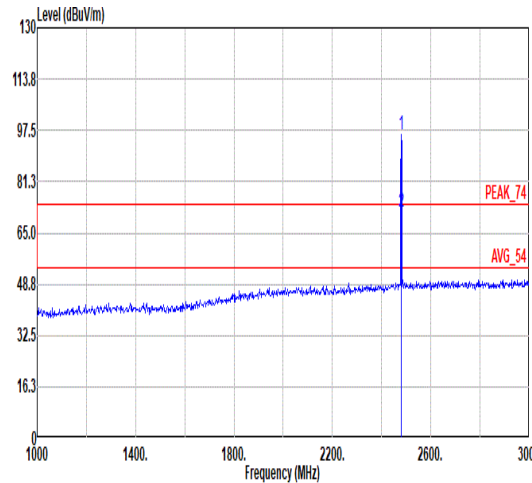


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	Limit	Read	Ant	Cable	Preamp	APos	TPos																																																																																																																																																															
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1	4882.00	45.11	74.00	-28.89	58.07	33.72	9.87	56.55	--	--	Peak																																																																																																																																																											
2	4882.00	20.32	54.00	-33.68	33.28	33.72	9.87	56.55	--	--	Average																																																																																																																																																											
3	7323.00	46.68	74.00	-27.32	58.84	35.62	11.45	59.23	--	--	Peak																																																																																																																																																											
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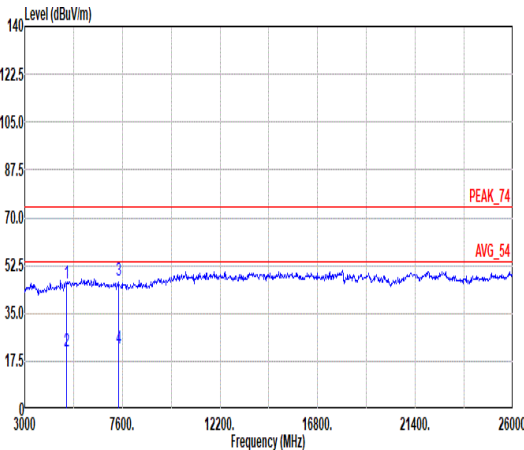
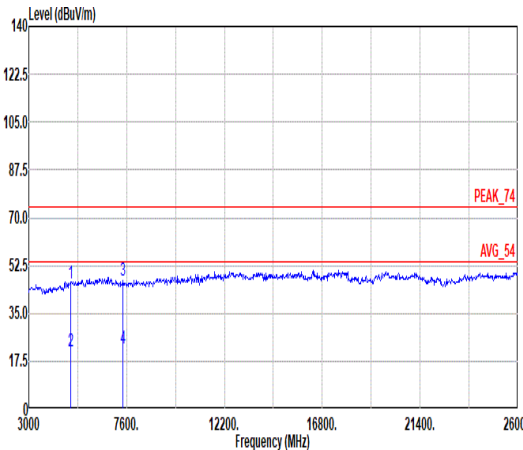


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		Limit	Read	Ant	Cable	Preamp	APos	TPos																																																							
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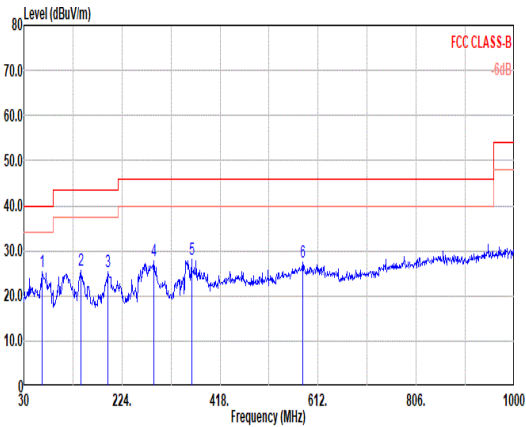
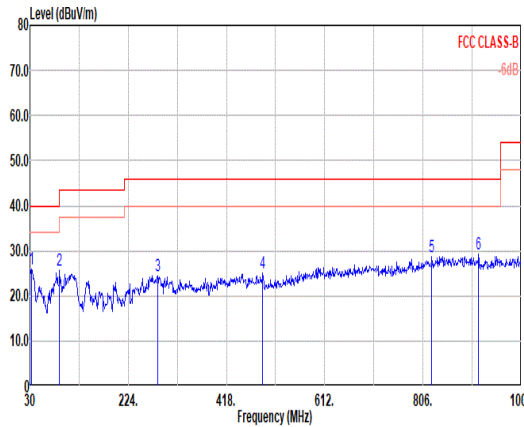


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2	2484.16	23.45	54.00	-30.55	16.43	32.05	8.43	33.46	252	256 Average																																																																																																					
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2	4960.00	21.10	54.00	-32.90	33.34	34.42	9.86	56.52	--	--	Average																																																																																																																																																											
3	7440.00	47.08	74.00	-26.92	59.08	35.75	11.53	59.28	--	--	Peak																																																																																																																																																											
4	7440.00	22.29	54.00	-31.71	34.29	35.75	11.53	59.28	--	--	Average																																																																																																																																																											
	Limit	Read	Ant	Cable	Preamp	APos	TPos																																																																																																																																																															
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark																																																																																																																																																														
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1	4960.00	45.92	74.00	-28.08	58.16	34.42	9.86	56.52	--	--	Peak																																																																																																																																																											
2	4960.00	21.13	54.00	-32.87	33.37	34.42	9.86	56.52	--	--	Average																																																																																																																																																											
3	7440.00	47.19	74.00	-26.81	59.19	35.75	11.53	59.28	--	--	Peak																																																																																																																																																											
4	7440.00	22.40	54.00	-31.60	34.40	35.75	11.53	59.28	--	--	Average																																																																																																																																																											



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	Harmonic																																																																																																																																																																																																						
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		Limit	Read	Ant	Cable	Preamp	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	65.89	25.28	40.00	-14.72	41.47	17.78	0.83	34.80	--	--	Peak	2	142.52	25.81	43.50	-17.69	40.93	18.35	1.25	34.72	--	--	Peak	3	196.84	25.34	43.50	-18.16	42.40	16.17	1.47	34.70	--	--	Peak	4	287.05	27.91	46.00	-18.09	42.06	18.72	1.76	34.63	--	--	Peak	5	361.74	28.13	46.00	-17.87	40.23	20.50	1.98	34.58	--	--	Peak	6	580.96	27.61	46.00	-18.39	34.25	25.36	2.56	34.56	--	--	Peak		Limit	Read	Ant	Cable	Preamp	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	33.88	25.98	40.00	-14.02	41.82	18.46	0.57	34.87	--	--	Peak	2	88.20	25.60	43.50	-17.90	45.48	13.96	0.95	34.79	--	--	Peak	3	282.20	24.45	46.00	-21.55	38.78	18.57	1.74	34.64	--	--	Peak	4	489.78	24.93	46.00	-21.07	33.87	23.23	2.33	34.50	--	--	Peak	5	823.46	28.78	46.00	-17.22	31.73	28.29	3.06	34.30	--	--	Peak	6	915.61	29.36	46.00	-16.64	31.50	28.98	3.18	34.30	--	--
	Limit	Read	Ant	Cable	Preamp	APos	TPos	Remark																																																																																																																																																																																															
Freq	Level	Line	Margin	Level	Factor	Loss	Factor																																																																																																																																																																																																
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																																																																																																																														
1	65.89	25.28	40.00	-14.72	41.47	17.78	0.83	34.80	--	--	Peak																																																																																																																																																																																												
2	142.52	25.81	43.50	-17.69	40.93	18.35	1.25	34.72	--	--	Peak																																																																																																																																																																																												
3	196.84	25.34	43.50	-18.16	42.40	16.17	1.47	34.70	--	--	Peak																																																																																																																																																																																												
4	287.05	27.91	46.00	-18.09	42.06	18.72	1.76	34.63	--	--	Peak																																																																																																																																																																																												
5	361.74	28.13	46.00	-17.87	40.23	20.50	1.98	34.58	--	--	Peak																																																																																																																																																																																												
6	580.96	27.61	46.00	-18.39	34.25	25.36	2.56	34.56	--	--	Peak																																																																																																																																																																																												
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MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																																																																																																																														
1	33.88	25.98	40.00	-14.02	41.82	18.46	0.57	34.87	--	--	Peak																																																																																																																																																																																												
2	88.20	25.60	43.50	-17.90	45.48	13.96	0.95	34.79	--	--	Peak																																																																																																																																																																																												
3	282.20	24.45	46.00	-21.55	38.78	18.57	1.74	34.64	--	--	Peak																																																																																																																																																																																												
4	489.78	24.93	46.00	-21.07	33.87	23.23	2.33	34.50	--	--	Peak																																																																																																																																																																																												
5	823.46	28.78	46.00	-17.22	31.73	28.29	3.06	34.30	--	--	Peak																																																																																																																																																																																												
6	915.61	29.36	46.00	-16.64	31.50	28.98	3.18	34.30	--	--	Peak																																																																																																																																																																																												



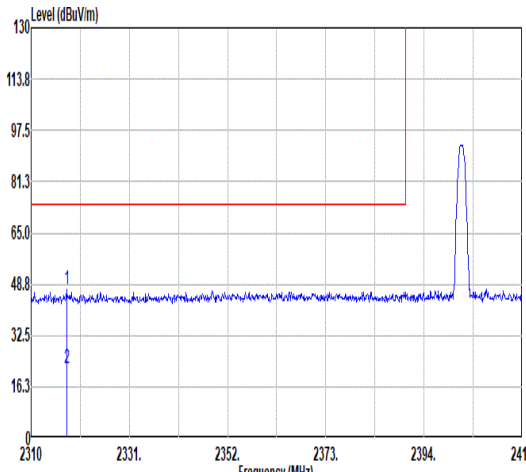
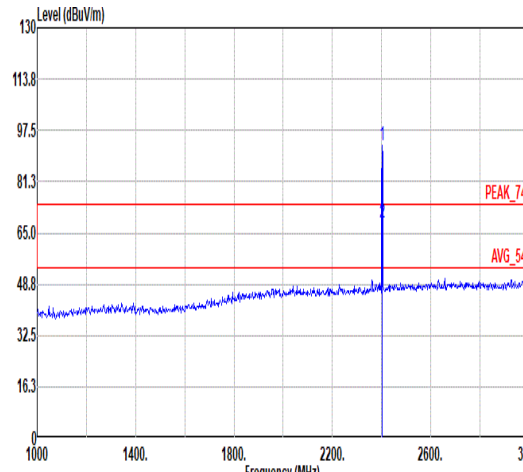
Radiated Spurious Emission Test Modes

Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 28	2400-2483.5	2	Bluetooth BR_GFSK	00	2402	1DH5	-	-
Mode 29	2400-2483.5	2	Bluetooth BR_GFSK	39	2441	1DH5	-	-
Mode 30	2400-2483.5	2	Bluetooth BR_GFSK	78	2480	1DH5	-	-
Mode 31	2400-2483.5	2	Bluetooth BR_GFSK	78	LF	1DH5	-	-

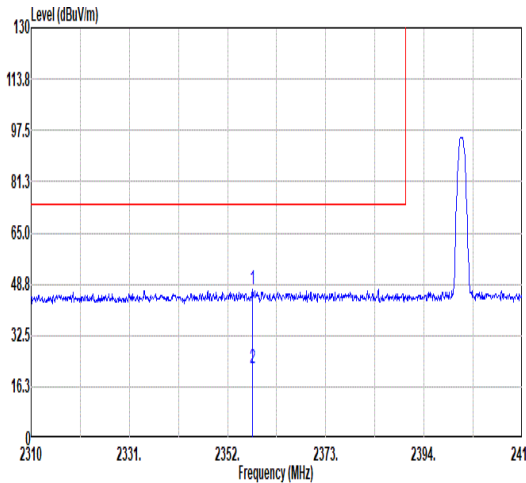
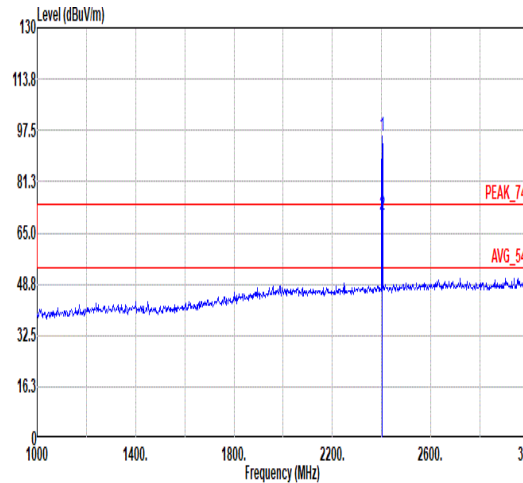
Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
28	Bluetooth BR_GFSK	00	2317.56	47.05	74.00	-26.95	H	Peak	Pass	Band Edge
28	Bluetooth BR_GFSK	00	4804.00	45.89	74.00	-28.11	V	Peak	Pass	Harmonic
29	Bluetooth BR_GFSK	39	2498.46	47.74	74.00	-26.26	V	Peak	Pass	Band Edge
29	Bluetooth BR_GFSK	39	7323.00	46.53	74.00	-27.47	V	Peak	Pass	Harmonic
30	Bluetooth BR_GFSK	78	2487.72	48.01	74.00	-25.99	V	Peak	Pass	Band Edge
30	Bluetooth BR_GFSK	78	7440.00	47.33	74.00	-26.67	H	Peak	Pass	Harmonic
31	Bluetooth BR_GFSK	78	33.88	26.98	40.00	-13.02	V	Peak	Pass	LF

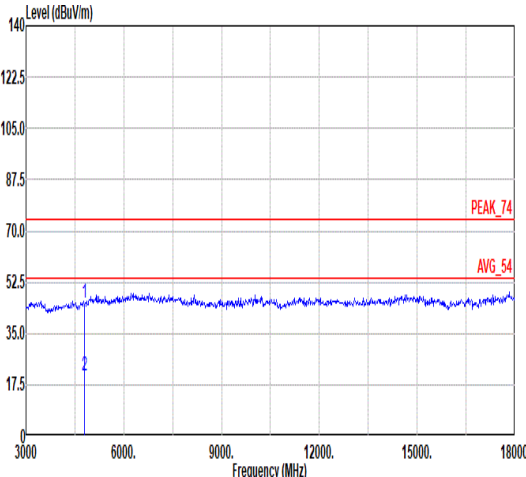
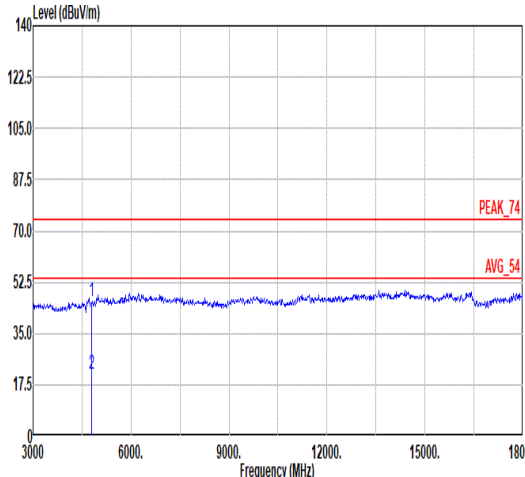


Mode	28																																																																																																																			
	Band Edge																																																																																																																			
	2400-2483.5 Bluetooth BR_GFSK_CH00_2402MHz																																																																																																																			
ANT	2																																																																																																																			
Pol.	Horizontal						Fundamental																																																																																																													
Peak																																																																																																																				
	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2317.56</td><td>47.05</td><td>74.00</td><td>-26.95</td><td>40.92</td><td>31.55</td><td>8.14</td><td>33.56</td><td>386</td><td>190</td><td>Peak</td></tr><tr><td>2</td><td>2317.56</td><td>22.26</td><td>54.00</td><td>-31.74</td><td>16.13</td><td>31.55</td><td>8.14</td><td>33.56</td><td>386</td><td>190</td><td>Average</td></tr></table>							Limit	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	cm	deg	1	2317.56	47.05	74.00	-26.95	40.92	31.55	8.14	33.56	386	190	Peak	2	2317.56	22.26	54.00	-31.74	16.13	31.55	8.14	33.56	386	190	Average	<table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2402.00</td><td>92.95</td><td>-----</td><td>-----</td><td>86.40</td><td>31.73</td><td>8.33</td><td>33.51</td><td>386</td><td>190</td><td>Peak</td></tr><tr><td>2</td><td>2402.00</td><td>68.16</td><td>-----</td><td>-----</td><td>61.61</td><td>31.73</td><td>8.33</td><td>33.51</td><td>386</td><td>190</td><td>Average</td></tr></table>							Limit	Read	Ant	Cable	Preamp	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	cm	deg	1	2402.00	92.95	-----	-----	86.40	31.73	8.33	33.51	386	190	Peak	2	2402.00	68.16	-----	-----	61.61	31.73	8.33	33.51	386	190	Average
		Limit	Read	Ant	Cable	Preamp	APos	TPos																																																																																																												
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark																																																																																																												
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	cm	deg																																																																																																											
1	2317.56	47.05	74.00	-26.95	40.92	31.55	8.14	33.56	386	190	Peak																																																																																																									
2	2317.56	22.26	54.00	-31.74	16.13	31.55	8.14	33.56	386	190	Average																																																																																																									
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Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark																																																																																																												
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	cm	deg																																																																																																											
1	2402.00	92.95	-----	-----	86.40	31.73	8.33	33.51	386	190	Peak																																																																																																									
2	2402.00	68.16	-----	-----	61.61	31.73	8.33	33.51	386	190	Average																																																																																																									

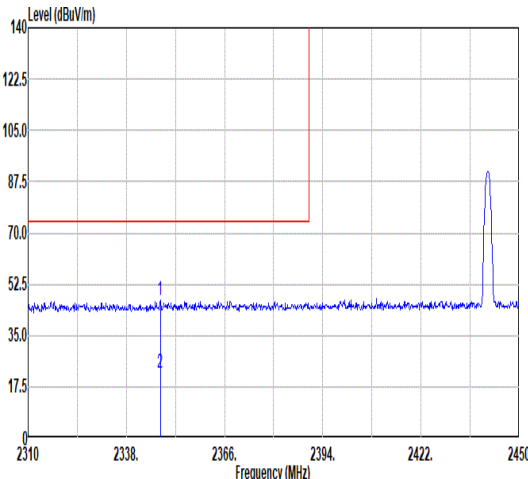
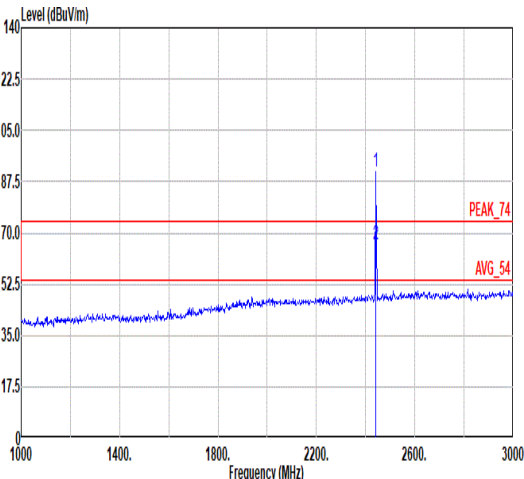


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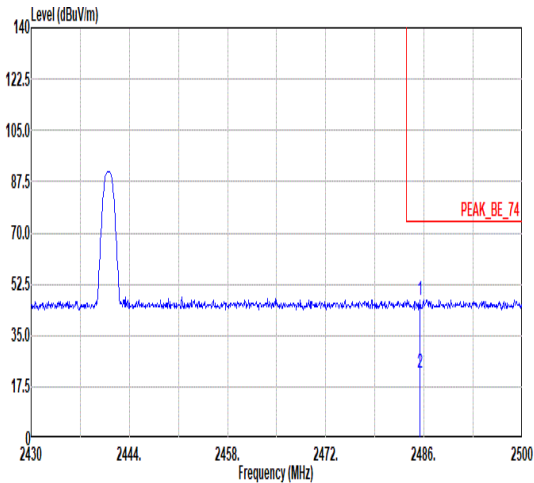


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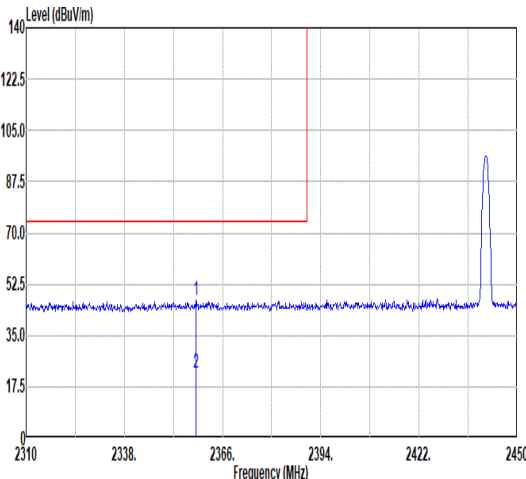
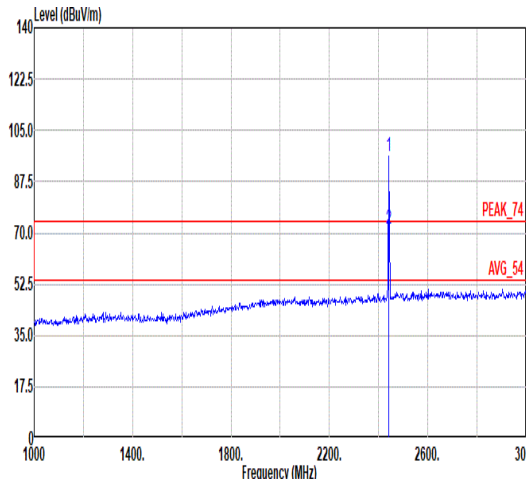


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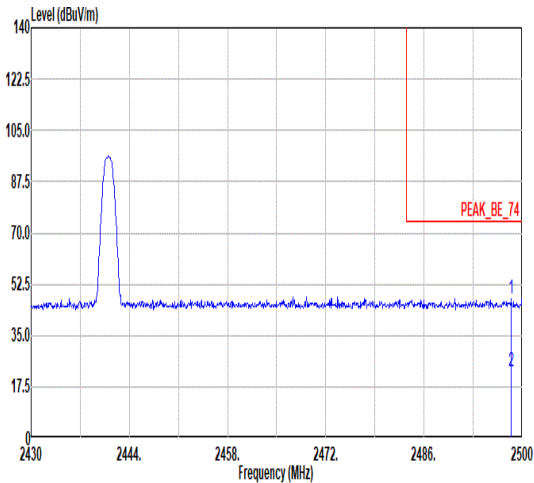


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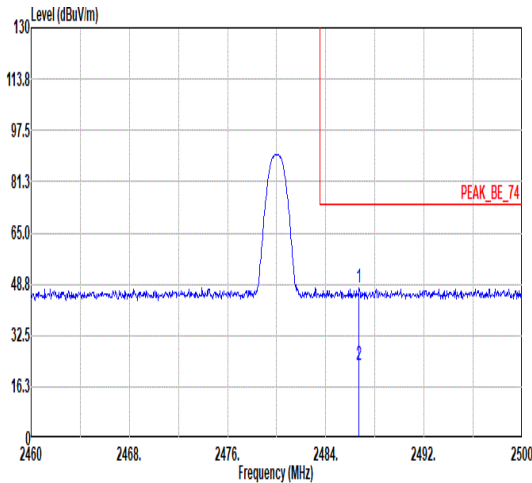
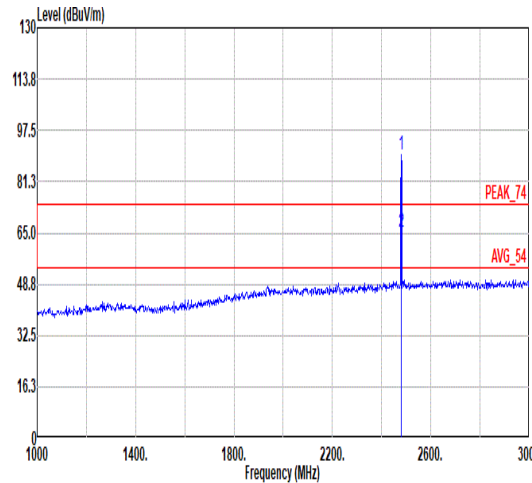


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1	2498.46	47.74	74.00	-26.26	40.64	32.10	8.45	33.45	374	133	Peak																																																												
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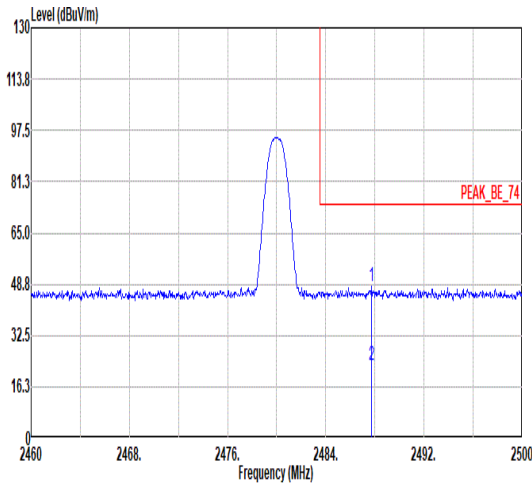
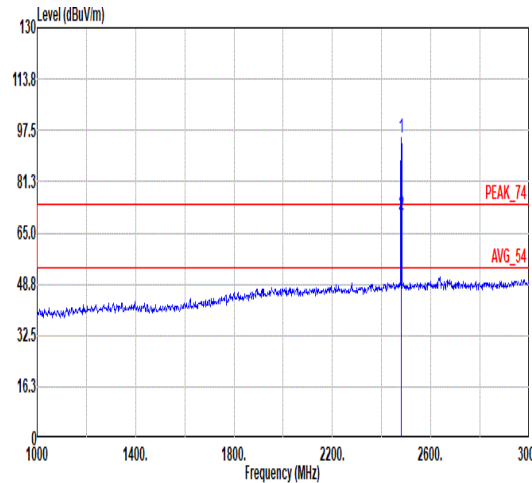


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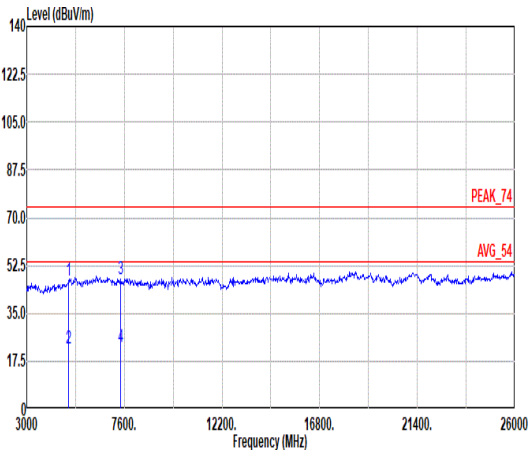
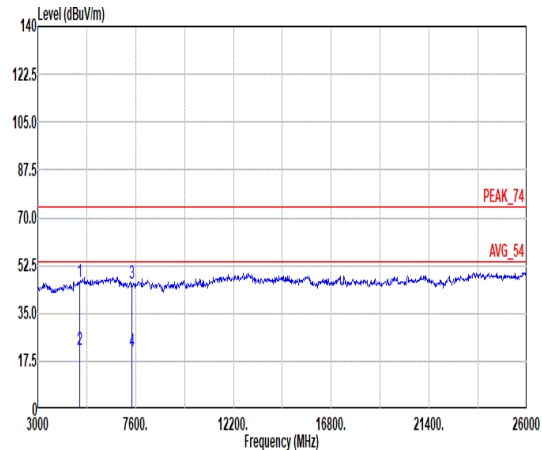


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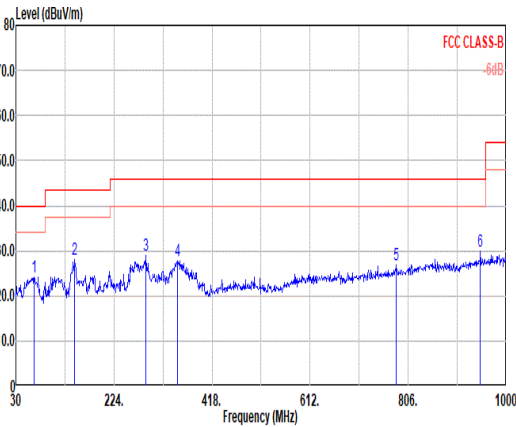
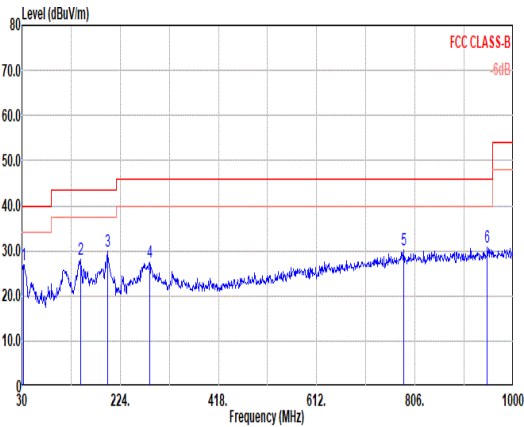


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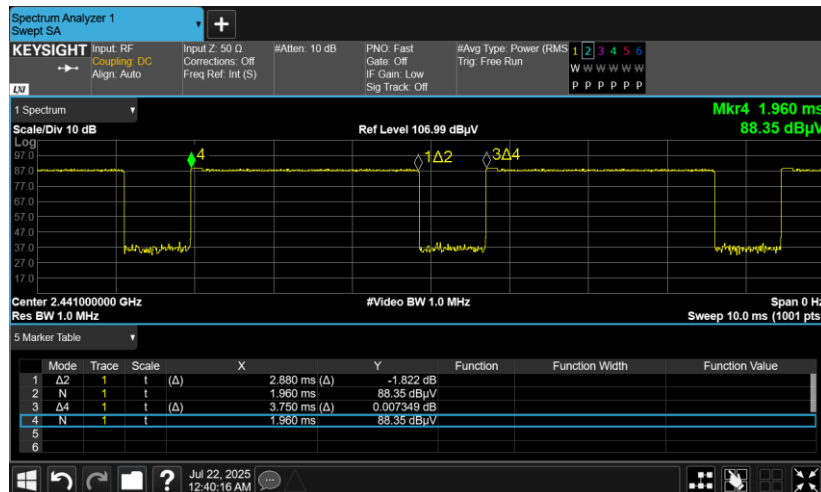
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	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																																																																																													
1	4960.00	46.94	74.00	-27.06	59.18	34.42	9.86	56.52	--	--	Peak																																																																																																																																																												
2	4960.00	22.15	54.00	-31.85	34.39	34.42	9.86	56.52	--	--	Average																																																																																																																																																												
3	7440.00	47.33	74.00	-26.67	59.33	35.75	11.53	59.28	--	--	Peak																																																																																																																																																												
4	7440.00	22.54	54.00	-31.46	34.54	35.75	11.53	59.28	--	--	Average																																																																																																																																																												
	Limit	Read	Ant	Cable	Preamp	APos	TPos																																																																																																																																																																
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Remark																																																																																																																																																															
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																																																																																													
1	4960.00	46.44	74.00	-27.56	58.68	34.42	9.86	56.52	--	--	Peak																																																																																																																																																												
2	4960.00	21.65	54.00	-32.35	33.89	34.42	9.86	56.52	--	--	Average																																																																																																																																																												
3	7440.00	46.17	74.00	-27.83	58.17	35.75	11.53	59.28	--	--	Peak																																																																																																																																																												
4	7440.00	21.38	54.00	-32.62	33.38	35.75	11.53	59.28	--	--	Average																																																																																																																																																												



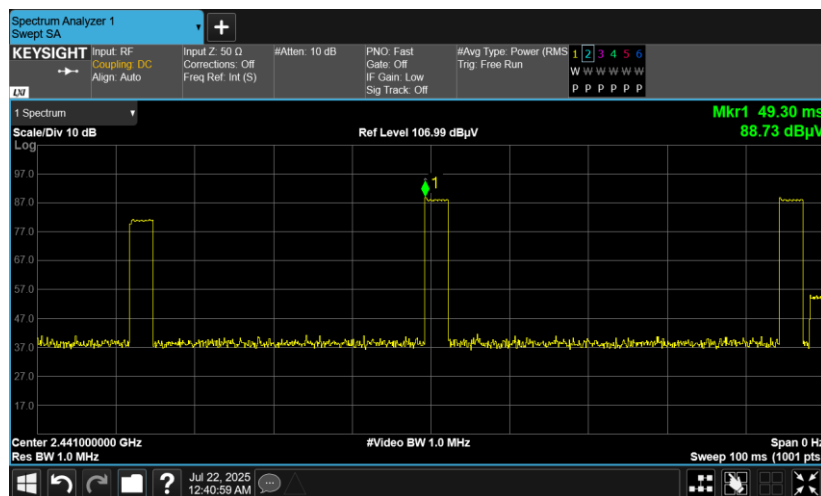
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Peak Avg																																																																																																																																																																																																																									
	<table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th></th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>65.89</td><td>24.28</td><td>40.00</td><td>-15.72</td><td></td><td>40.47</td><td>17.78</td><td>0.83</td><td>34.80</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>146.40</td><td>28.07</td><td>43.50</td><td>-15.43</td><td></td><td>42.84</td><td>18.67</td><td>1.27</td><td>34.71</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>3</td><td>287.05</td><td>28.91</td><td>46.00</td><td>-17.09</td><td></td><td>43.06</td><td>18.72</td><td>1.76</td><td>34.63</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>349.13</td><td>27.91</td><td>46.00</td><td>-18.09</td><td></td><td>40.37</td><td>20.20</td><td>1.94</td><td>34.60</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>5</td><td>782.72</td><td>26.97</td><td>46.00</td><td>-19.03</td><td></td><td>30.56</td><td>27.75</td><td>3.00</td><td>34.34</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>6</td><td>948.59</td><td>29.75</td><td>46.00</td><td>-16.25</td><td></td><td>31.05</td><td>29.74</td><td>3.26</td><td>34.30</td><td>--</td><td>--</td><td>Peak</td></tr></table>						Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB		dBuV	dB/m	dB	dB	cm	deg		1	65.89	24.28	40.00	-15.72		40.47	17.78	0.83	34.80	--	--	Peak	2	146.40	28.07	43.50	-15.43		42.84	18.67	1.27	34.71	--	--	Peak	3	287.05	28.91	46.00	-17.09		43.06	18.72	1.76	34.63	--	--	Peak	4	349.13	27.91	46.00	-18.09		40.37	20.20	1.94	34.60	--	--	Peak	5	782.72	26.97	46.00	-19.03		30.56	27.75	3.00	34.34	--	--	Peak	6	948.59	29.75	46.00	-16.25		31.05	29.74	3.26	34.30	--	--	Peak	<table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th></th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>33.88</td><td>26.98</td><td>40.00</td><td>-13.02</td><td></td><td>42.82</td><td>18.46</td><td>0.57</td><td>34.87</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>146.40</td><td>28.13</td><td>43.50</td><td>-15.37</td><td></td><td>42.90</td><td>18.67</td><td>1.27</td><td>34.71</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>3</td><td>198.78</td><td>29.84</td><td>43.50</td><td>-13.66</td><td></td><td>47.01</td><td>16.05</td><td>1.48</td><td>34.70</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>282.20</td><td>27.45</td><td>46.00</td><td>-18.55</td><td></td><td>41.78</td><td>18.57</td><td>1.74</td><td>34.64</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>5</td><td>783.69</td><td>30.09</td><td>46.00</td><td>-15.91</td><td></td><td>33.66</td><td>27.76</td><td>3.00</td><td>34.33</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>6</td><td>948.59</td><td>30.69</td><td>46.00</td><td>-15.31</td><td></td><td>31.99</td><td>29.74</td><td>3.26</td><td>34.30</td><td>--</td><td>--</td><td>Peak</td></tr></table>						Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB		dBuV	dB/m	dB	dB	cm	deg		1	33.88	26.98	40.00	-13.02		42.82	18.46	0.57	34.87	--	--	Peak	2	146.40	28.13	43.50	-15.37		42.90	18.67	1.27	34.71	--	--	Peak	3	198.78	29.84	43.50	-13.66		47.01	16.05	1.48	34.70	--	--	Peak	4	282.20	27.45	46.00	-18.55		41.78	18.57	1.74	34.64	--	--	Peak	5	783.69	30.09	46.00	-15.91		33.66	27.76	3.00	34.33	--	--	Peak	6	948.59	30.69	46.00	-15.31		31.99	29.74	3.26	34.30	--	--
	Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	APos	TPos	Remark																																																																																																																																																																																																													
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1	65.89	24.28	40.00	-15.72		40.47	17.78	0.83	34.80	--	--	Peak																																																																																																																																																																																																													
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Appendix D. Duty Cycle Plots

3DH5 on time (One Pulse) Plot on Channel 78



3DH5 on time (Count Pulses) Plot on Channel 78



Note:

1. Worst case Duty cycle = on time/100 milliseconds = $2 * 2.88 / 100 = 5.76 \%$
2. Worst case Duty cycle correction factor = $20 * \log(\text{Duty cycle}) = -24.79 \text{ dB}$
3. 3DH5 has the highest duty cycle worst case and is reported.