CHANNEL	TX Channel 39	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ LEVEL (dBuV)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA FACTOR (dB /m)**	**CABLE LOSS (dB)**	**PREAMP FACTOR (dB)**	**ANTENNA HEIGHT (cm)**	**TABLE ANGLE (Degree)**	**REMARK**
2390.000	51.14	57.83	74.00	-22.86	31.78	7.74	46.21	147	170	Peak
2390.000	44.26	50.95	54.00	-9.74	31.78	7.74	46.21	147	170	Average
2480.000	93.40	99.76	/	/	31.96	7.87	46.19	147	170	Peak
2480.000	92.88	99.24	/	/	31.96	7.87	46.19	147	170	Average
2483.500	51.55	57.89	74.00	-22.45	31.97	7.88	46.19	147	170	Peak
2483.500	44.90	51.24	54.00	-9.10	31.97	7.88	46.19	147	170	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ LEVEL (dBuV)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA FACTOR (dB /m)**	**CABLE LOSS (dB)**	**PREAMP FACTOR (dB)**	**ANTENNA HEIGHT (cm)**	**TABLE ANGLE (Degree)**	**REMARK**
2390.000	52.92	59.49	74.00	-21.08	31.90	7.74	46.21	100	310	Peak
2390.000	44.65	51.22	54.00	-9.35	31.90	7.74	46.21	100	310	Average
2480.000	103.75	110.01	/	/	32.06	7.87	46.19	100	310	Peak
2480.000	103.35	109.61	/	/	32.06	7.87	46.19	100	310	Average
2483.500	52.86	59.10	74.00	-21.14	32.07	7.88	46.19	100	310	Peak
2483.500	45.94	52.18	54.00	-8.06	32.07	7.88	46.19	100	310	Average

REMARKS:

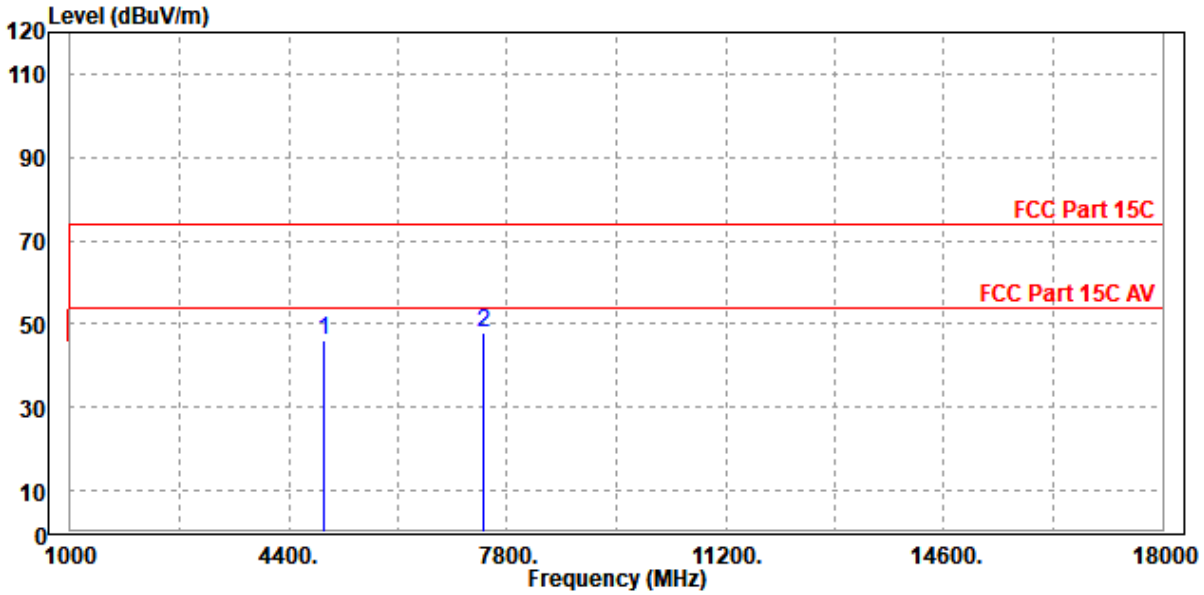
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 2480MHz: Fundamental frequency.

Worst case harmonic:

CHANNEL	TX Channel 39	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

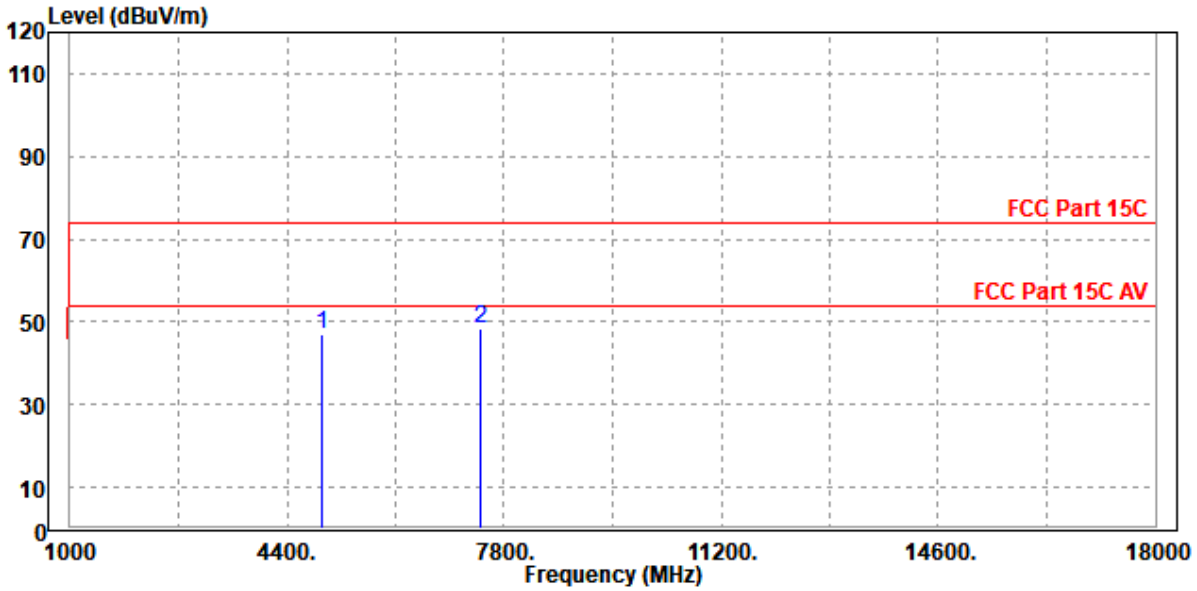
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

		Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
		MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1		4960.000	45.96	47.35	74.00	-28.04	-1.39	Peak	Horizontal
2	PP	7443.000	47.82	44.97	74.00	-26.18	2.85	Peak	Horizontal



ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

		Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
		MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1		4961.000	46.84	48.16	74.00	-27.16	-1.32	Peak	Vertical
2	PP	7440.000	48.26	45.31	74.00	-25.74	2.95	Peak	Vertical



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 2480MHz: Fundamental frequency.
3. For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.

BT-LE _2M

CHANNEL	TX Channel 1	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ LEVEL (dBuV)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA FACTOR (dB /m)**	**CABLE LOSS (dB)**	**PREAMP FACTOR (dB)**	**ANTENNA HEIGHT (cm)**	**TABLE ANGLE (Degree)**	**REMARK**
2390.000	51.44	58.13	74.00	-22.56	31.78	7.74	46.21	120	165	Peak
2390.000	44.13	50.82	54.00	-9.87	31.78	7.74	46.21	120	165	Average
2402.000	93.96	100.60	/	/	31.81	7.76	46.21	120	165	Peak
2402.000	92.04	98.68	/	/	31.81	7.76	46.21	120	165	Average
2483.500	53.01	59.35	74.00	-20.99	31.97	7.88	46.19	120	165	Peak
2483.500	45.11	51.45	54.00	-8.89	31.97	7.88	46.19	120	165	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ LEVEL (dBuV)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA FACTOR (dB /m)**	**CABLE LOSS (dB)**	**PREAMP FACTOR (dB)**	**ANTENNA HEIGHT (cm)**	**TABLE ANGLE (Degree)**	**REMARK**
2390.000	51.88	58.45	74.00	-22.12	31.90	7.74	46.21	119	305	Peak
2390.000	44.56	51.13	54.00	-9.44	31.90	7.74	46.21	119	305	Average
2402.000	102.48	109.00	/	/	31.93	7.76	46.21	119	305	Peak
2402.000	100.68	107.20	/	/	31.93	7.76	46.21	119	305	Average
2483.500	52.79	59.03	74.00	-21.21	32.07	7.88	46.19	119	305	Peak
2483.500	44.65	50.89	54.00	-9.35	32.07	7.88	46.19	119	305	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 2404MHz: Fundamental frequency.

CHANNEL	TX Channel 19	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390.000	51.52	58.21	74.00	-22.48	31.78	7.74	46.21	101	170	Peak
2390.000	43.99	50.68	54.00	-10.01	31.78	7.74	46.21	101	170	Average
2440.000	93.78	100.29	/	/	31.88	7.81	46.20	101	170	Peak
2440.000	91.94	98.45	/	/	31.88	7.81	46.20	101	170	Average
2483.500	52.37	58.71	74.00	-21.63	31.97	7.88	46.19	101	170	Peak
2483.500	44.83	51.17	54.00	-9.17	31.97	7.88	46.19	101	170	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390.000	52.11	58.68	74.00	-21.89	31.90	7.74	46.21	105	305	Peak
2390.000	44.96	51.53	54.00	-9.04	31.90	7.74	46.21	105	305	Average
2440.000	104.16	110.56	/	/	31.99	7.81	46.20	105	305	Peak
2440.000	102.39	108.79	/	/	31.99	7.81	46.20	105	305	Average
2483.500	52.63	58.87	74.00	-21.37	32.07	7.88	46.19	105	305	Peak
2483.500	44.75	50.99	54.00	-9.25	32.07	7.88	46.19	105	305	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 2440MHz: Fundamental frequency.

CHANNEL	TX Channel 38	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ LEVEL (dBuV)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA FACTOR (dB /m)**	**CABLE LOSS (dB)**	**PREAMP FACTOR (dB)**	**ANTENNA HEIGHT (cm)**	**TABLE ANGLE (Degree)**	**REMARK**
2390.000	51.94	58.63	74.00	-22.06	31.78	7.74	46.21	147	170	Peak
2390.000	44.67	51.36	54.00	-9.33	31.78	7.74	46.21	147	170	Average
2480.000	94.49	100.85	/	/	31.96	7.87	46.19	147	170	Peak
2480.000	92.66	99.02	/	/	31.96	7.87	46.19	147	170	Average
2483.500	53.13	59.47	74.00	-20.87	31.97	7.88	46.19	147	170	Peak
2483.500	44.29	50.63	54.00	-9.71	31.97	7.88	46.19	147	170	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ LEVEL (dBuV)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA FACTOR (dB /m)**	**CABLE LOSS (dB)**	**PREAMP FACTOR (dB)**	**ANTENNA HEIGHT (cm)**	**TABLE ANGLE (Degree)**	**REMARK**
2390.000	51.77	58.34	74.00	-22.23	31.90	7.74	46.21	100	310	Peak
2390.000	44.39	50.96	54.00	-9.61	31.90	7.74	46.21	100	310	Average
2480.000	104.00	110.26	/	/	32.06	7.87	46.19	100	310	Peak
2480.000	102.16	108.42	/	/	32.06	7.87	46.19	100	310	Average
2483.500	53.04	59.28	74.00	-20.96	32.07	7.88	46.19	100	310	Peak
2483.500	46.19	52.43	54.00	-7.81	32.07	7.88	46.19	100	310	Average

REMARKS:

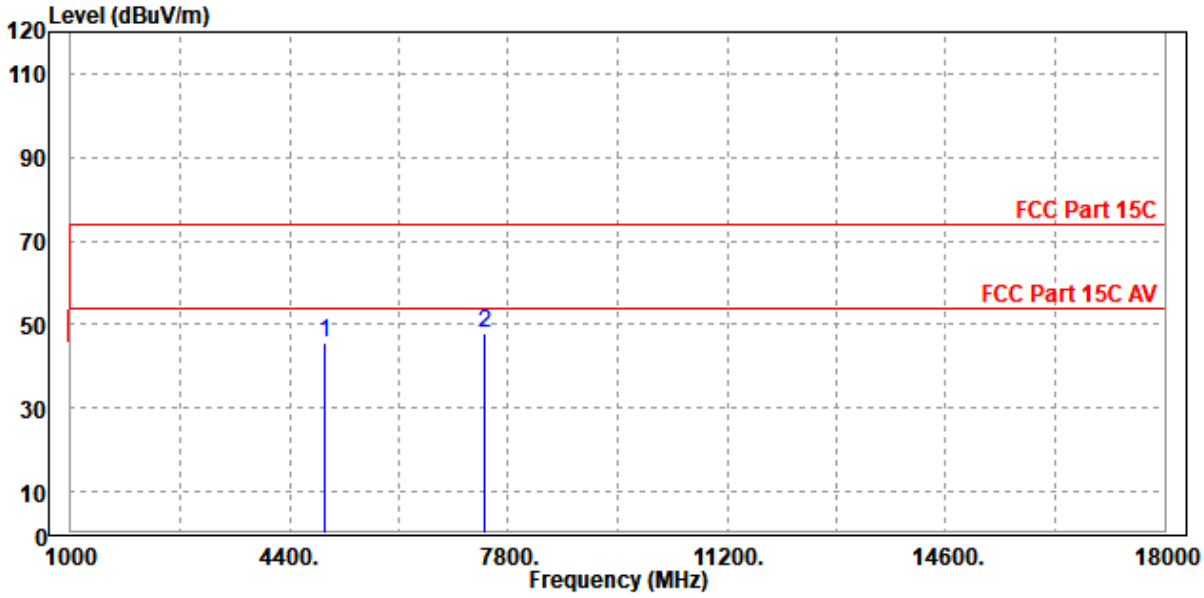
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 2478MHz: Fundamental frequency.

Worst case harmonic:

CHANNEL	TX Channel 38	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

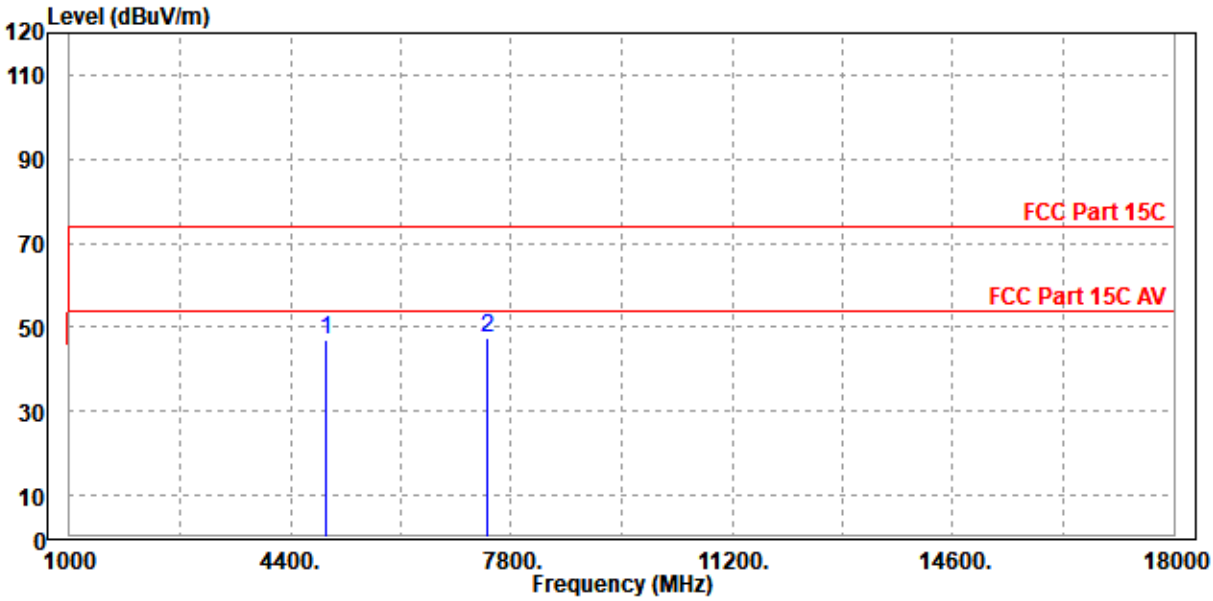
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	4961.000	45.78	47.17	74.00	-28.22	-1.39	Peak	Horizontal
2 PP	7434.000	47.79	44.96	74.00	-26.21	2.83	Peak	Horizontal



ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	4956.000	46.83	48.16	74.00	-27.17	-1.33	Peak	Vertical
2 PP	7426.000	47.49	44.58	74.00	-26.51	2.91	Peak	Vertical



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 2478MHz: Fundamental frequency.
3. For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet

3.3 6 dB BANDWIDTH MEASUREMENT

3.3.1 LIMITS OF 6dB BANDWIDTH MEASUREMENT

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

3.3.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Power Meter	ANRITSU	ML2495A	1506002	Feb. 15,23	Feb. 14,24
Power Meter	ANRITSU	ML2495A	1506002	Feb. 14,24	Feb. 13,25
EXA Signal Analyzer	KEYSIGHT	N9010A-526	MY54510523	Feb. 15,23	Feb. 14,24
EXA Signal Analyzer	KEYSIGHT	N9010A-526	MY54510523	Feb. 14,24	Feb. 13,25
EXA Signal Analyzer	KEYSIGHT	N9010A-544	MY54510355	May.10,23	May.09,24
Power Sensor	ANRITSU	MA2411B	1339352	Feb. 15,23	Feb. 14,24
Power Sensor	ANRITSU	MA2411B	1339352	Feb. 14,24	Feb. 13,25

NOTE:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
2. The test was performed in RF Oven room.

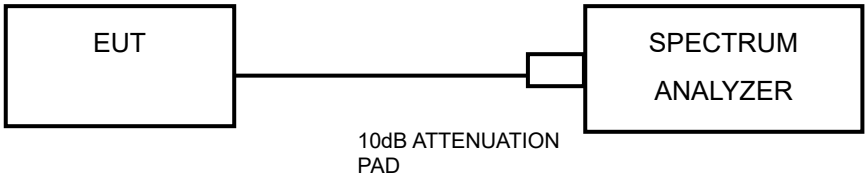
3.3.3 TEST PROCEDURE

1. Set RBW = 100 kHz.
2. Set the video bandwidth (VBW) ≥ 3 RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

3.3.4 DEVIATION FROM TEST STANDARD

No deviation.

3.3.5 TEST SETUP



3.3.6 EUT OPERATING CONDITIONS

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

3.3.7 TEST RESULTS

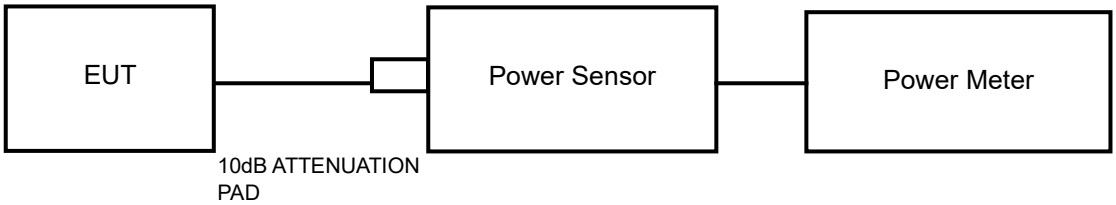
Please Refer to Appendix1/2/3 Of this test report..

3.4 CONDUCTED OUTPUT POWER

3.4.1 LIMITS OF CONDUCTED OUTPUT POWER MEASUREMENT

For systems using digital modulation in the 2400–2483.5 MHz band: 1 Watt (30dBm)

3.4.2 TEST SETUP



3.4.3 TEST INSTRUMENTS

Refer to section 3.3.2 to get information of above instrument.

3.4.4 TEST PROCEDURES

A peak power sensor was used on the output port of the EUT. A power meter was used to read the response of the peak power sensor. Record the power level.

3.4.5 DEVIATION FROM TEST STANDARD

No deviation.

3.4.6 EUT OPERATING CONDITIONS

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

3.4.7 TEST RESULTS

3.4.7.1 MAXIMUM PEAK OUTPUT POWER

Please Refer to Appendix1/2/3 Of this test report..

3.4.7.2 AVERAGE OUTPUT POWER (FOR REFERENCE)

The average power sensor was used on the output port of the EUT. A power meter was used to read the response of the power sensor. Record the power level.

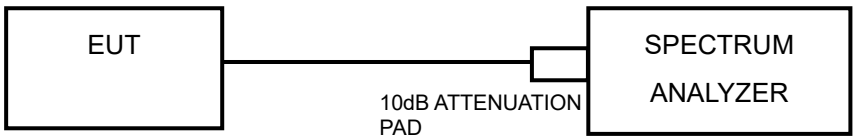
Please Refer to Appendix1/2/3 Of this test report..

3.5 POWER SPECTRAL DENSITY MEASUREMENT

3.5.1 LIMITS OF POWER SPECTRAL DENSITY MEASUREMENT

The Maximum of Power Spectral Density Measurement is 8dBm/3KHz.

3.5.2 TEST SETUP



3.5.3 TEST INSTRUMENTS

Refer to section 3.3.2 to get information of above instrument.

3.5.4 TEST PROCEDURE

1. Set the span to 1.5 times the DTS bandwidth
2. Set the RBW = 3 kHz, VBW ≥ 3 x RBW, Detector = peak.
3. Sweep time = auto couple, Trace mode = max hold, allow trace to fully stabilize.
4. Use the peak marker function to determine the maximum amplitude level.

3.5.5 DEVIATION FROM TEST STANDARD

No deviation.

3.5.6 EUT OPERATING CONDITION

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

3.5.7 TEST RESULTS

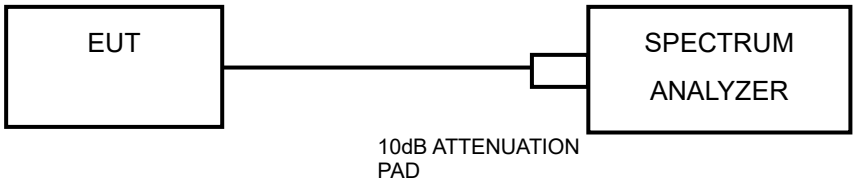
Please Refer to Appendix1/2/3 Of this test report..

3.6 OUT OF BAND EMISSION MEASUREMENT

3.6.1 LIMITS OF OUT OF BAND EMISSION MEASUREMENT

Below –20dB of the highest emission level of operating band (in 100kHz Resolution Bandwidth).

3.6.2 TEST SETUP



3.6.3 TEST INSTRUMENTS

Refer to section 3.3.2 to get information of above instrument.

3.6.4 TEST PROCEDURE

MEASUREMENT PROCEDURE REF

1. Set the RBW = 100 kHz.
2. Set the VBW ≥ 300 kHz.
3. Detector = peak.
4. Sweep time = auto couple.
5. Trace mode = max hold.
6. Allow trace to fully stabilize.
7. Use the peak marker function to determine the maximum power level in any 100 kHz band segment within the fundamental EBW.

MEASUREMENT PROCEDURE OOBE

1. Set RBW = 100 kHz.
2. Set VBW ≥ 300 kHz.
3. Set span to encompass the spectrum to be examined
4. Detector = peak.
5. Trace Mode = max hold.
6. Sweep = auto couple.

3.6.5 DEVIATION FROM TEST STANDARD

No deviation.

3.6.6 EUT OPERATING CONDITION

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

3.6.7 TEST RESULTS

The spectrum plots are attached on the following images. D1 line indicates the highest level. D2 line indicates the 20dB offset below D1. It shows compliance to the requirement.

Please Refer to Appendix1/2/3 Of this test report..

3.7 ANTENNA REQUIREMENTS

3.7.1 STANDARD APPLICABLE

If transmitting antenna directional gain is greater than 6 dBi, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.7.2 ANTENNA CONNECTED CONSTRUCTION

An embedded-in antenna design is used.

3.7.3 ANTENNA GAIN

Accoring to FCC KDB 662911 D01 Multiple Transmitter Output v02r01
For CDD transmissions,directional gain is calculated as
Directional gain=GANT +Array Gain, where Array Gain is as follows.
For power spectral density (PSD) measurements on all devices,
Array Gain= 10 log(NANT/ Nss) dB;
For power measurements on IEEE 802.11 devices,Array Gain = 0 dB for NANT≤ 4;
The EUT supports Cyclic Delay Diversity (CDD) mode,
For power measurements,the directional GANT is set equal to the antenna having the highest gain as following formulas.

Directional Gain = Max.Gain + Array Gain.

For PSD measurements,the directional GANT is calculation is following F)2)f)ii of KDB 662911 D01 v02r01.
The directional gain is calculated as following table.

2.4GHz	Ant 1 (dBi)	Ant 2 (dBi)	DG For Power (dBi)	DG For PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
	2.5	2.5	2.5	5.51	0.00	0.00

NOTE :DG= directional gain, Power Limit Reduction = DG For Power Gain -6dbi<0
PSD Limit Reduction = DG For PSD – 6dBi<0.Therefore, it is not necessary to reduce maximum peak output power and PSD limit.

4 PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).

5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.

APPENDIX 1:WLAN

DTS BANDWIDTH

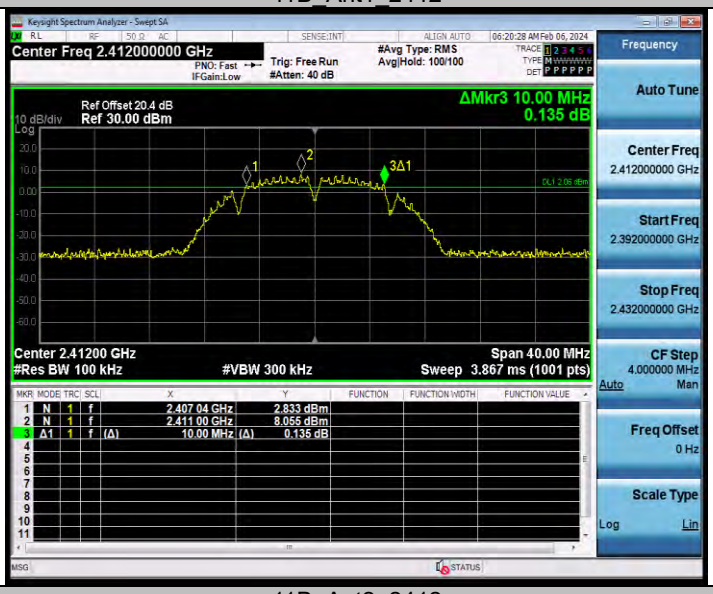
TEST RESULT

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.000	2407.040	2417.040	0.5	PASS
	Ant2	2412	10.040	2407.000	2417.040	0.5	PASS
	Ant1	2437	10.080	2432.000	2442.080	0.5	PASS
	Ant2	2437	10.080	2431.960	2442.040	0.5	PASS
	Ant1	2462	10.040	2456.960	2467.000	0.5	PASS
	Ant2	2462	10.040	2456.960	2467.000	0.5	PASS
11G	Ant1	2412	16.400	2403.800	2420.200	0.5	PASS
	Ant2	2412	15.680	2404.240	2419.920	0.5	PASS
	Ant1	2437	16.440	2428.840	2445.280	0.5	PASS
	Ant2	2437	15.680	2429.240	2444.920	0.5	PASS
	Ant1	2462	16.440	2453.760	2470.200	0.5	PASS
	Ant2	2462	15.760	2454.040	2469.800	0.5	PASS
11N20SISO	Ant1	2412	15.360	2403.800	2419.160	0.5	PASS
	Ant2	2412	14.960	2404.800	2419.760	0.5	PASS
	Ant1	2437	15.600	2429.760	2445.360	0.5	PASS
	Ant2	2437	16.560	2428.800	2445.360	0.5	PASS
	Ant1	2462	15.720	2453.400	2469.120	0.5	PASS
	Ant2	2462	16.120	2453.400	2469.520	0.5	PASS
11N40SISO	Ant1	2422	36.000	2404.240	2440.240	0.5	PASS
	Ant2	2422	33.440	2405.280	2438.720	0.5	PASS
	Ant1	2437	34.800	2420.040	2454.840	0.5	PASS
	Ant2	2437	34.240	2419.480	2453.720	0.5	PASS
	Ant1	2452	30.880	2434.240	2465.120	0.5	PASS
	Ant2	2452	34.240	2434.480	2468.720	0.5	PASS
11AX20SISO	Ant1	2412	15.160	2403.440	2418.600	0.5	PASS
	Ant2	2412	15.440	2404.760	2420.200	0.5	PASS
	Ant1	2437	17.480	2428.600	2446.080	0.5	PASS
	Ant2	2437	16.960	2428.360	2445.320	0.5	PASS
	Ant1	2462	14.800	2453.600	2468.400	0.5	PASS
	Ant2	2462	16.720	2453.440	2470.160	0.5	PASS
11AX40SISO	Ant1	2422	36.880	2404.080	2440.960	0.5	PASS
	Ant2	2422	32.560	2405.440	2438.000	0.5	PASS
	Ant1	2437	31.360	2422.840	2454.200	0.5	PASS
	Ant2	2437	35.200	2419.080	2454.280	0.5	PASS
	Ant1	2452	31.760	2433.120	2464.880	0.5	PASS
	Ant2	2452	34.400	2434.080	2468.480	0.5	PASS
11B-CDD	Ant1	2412	10.080	2406.960	2417.040	0.5	PASS
	Ant2	2412	10.080	2406.960	2417.040	0.5	PASS
	Ant1	2437	10.080	2431.960	2442.040	0.5	PASS
	Ant2	2437	10.040	2431.960	2442.000	0.5	PASS
	Ant1	2462	10.080	2456.920	2467.000	0.5	PASS
	Ant2	2462	10.080	2456.920	2467.000	0.5	PASS
11G-CDD	Ant1	2412	14.440	2404.440	2418.880	0.5	PASS
	Ant2	2412	15.720	2404.080	2419.800	0.5	PASS
	Ant1	2437	15.640	2429.480	2445.120	0.5	PASS
	Ant2	2437	16.040	2429.120	2445.160	0.5	PASS
	Ant1	2462	15.040	2453.840	2468.880	0.5	PASS
	Ant2	2462	15.880	2453.840	2469.720	0.5	PASS
11N20MIMO	Ant1	2412	14.480	2404.480	2418.960	0.5	PASS

	Ant2	2412	14.240	2405.560	2419.800	0.5	PASS
	Ant1	2437	15.920	2429.200	2445.120	0.5	PASS
	Ant2	2437	15.640	2428.920	2444.560	0.5	PASS
	Ant1	2462	14.520	2453.920	2468.440	0.5	PASS
	Ant2	2462	15.600	2453.920	2469.520	0.5	PASS
11N40MIMO	Ant1	2422	34.480	2405.600	2440.080	0.5	PASS
	Ant2	2422	35.600	2404.160	2439.760	0.5	PASS
	Ant1	2437	33.120	2421.400	2454.520	0.5	PASS
	Ant2	2437	34.240	2419.720	2453.960	0.5	PASS
	Ant1	2452	30.080	2435.600	2465.680	0.5	PASS
	Ant2	2452	33.040	2434.240	2467.280	0.5	PASS
11AX20MIMO	Ant1	2412	14.080	2404.160	2418.240	0.5	PASS
	Ant2	2412	14.520	2404.800	2419.320	0.5	PASS
	Ant1	2437	15.440	2429.360	2444.800	0.5	PASS
	Ant2	2437	14.560	2429.800	2444.360	0.5	PASS
	Ant1	2462	13.080	2454.120	2467.200	0.5	PASS
	Ant2	2462	14.840	2454.440	2469.280	0.5	PASS
11AX40MIMO	Ant1	2422	36.320	2403.120	2439.440	0.5	PASS
	Ant2	2422	34.480	2404.560	2439.040	0.5	PASS
	Ant1	2437	27.680	2424.600	2452.280	0.5	PASS
	Ant2	2437	34.800	2420.120	2454.920	0.5	PASS
	Ant1	2452	28.000	2433.120	2461.120	0.5	PASS
	Ant2	2452	29.200	2435.120	2464.320	0.5	PASS

TEST GRAPHS

11B_Ant1_2412



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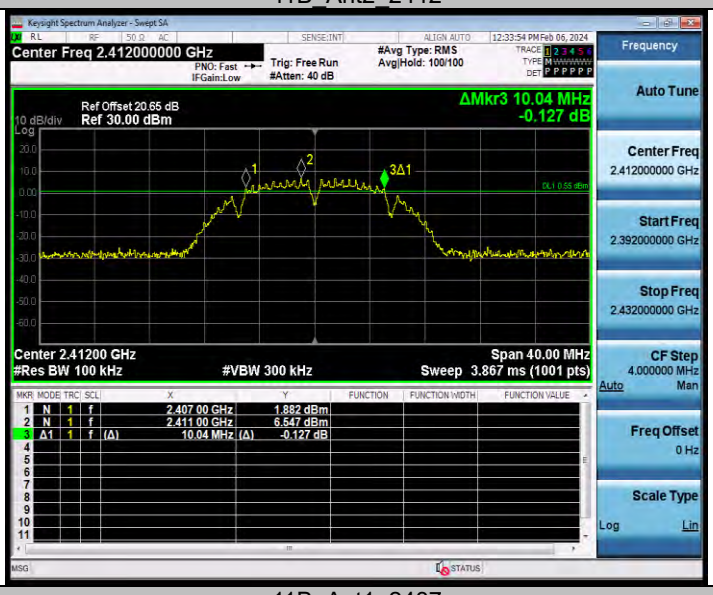

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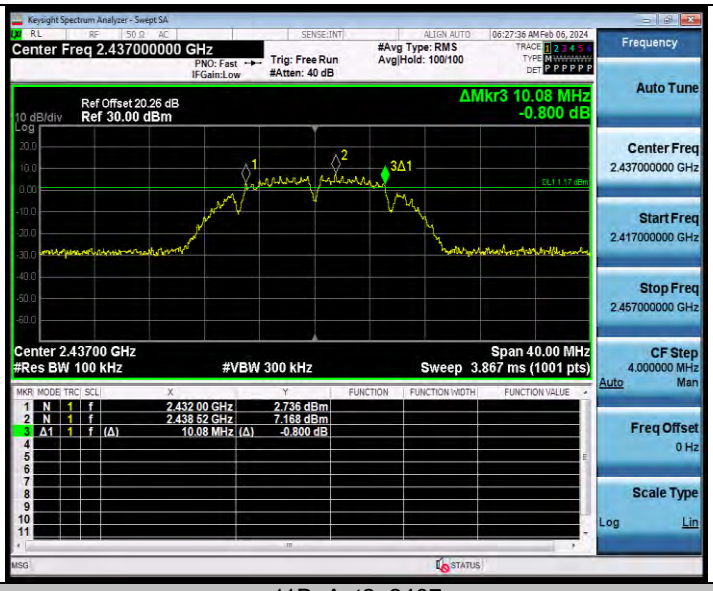

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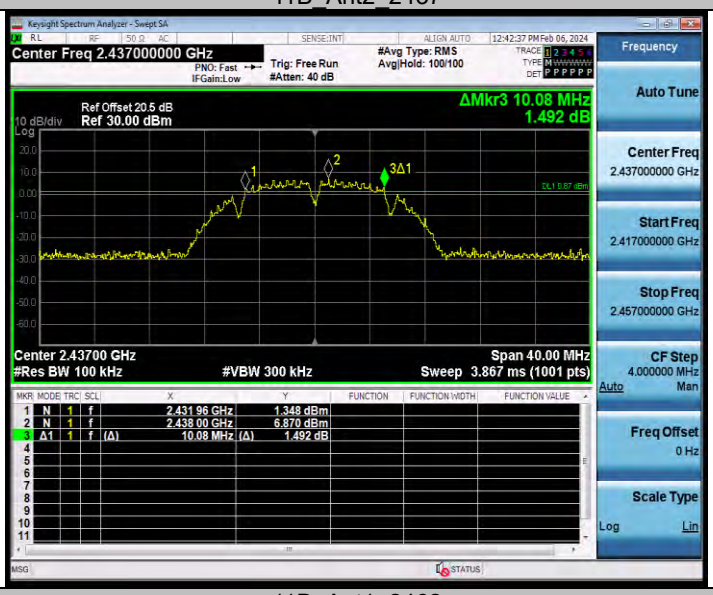

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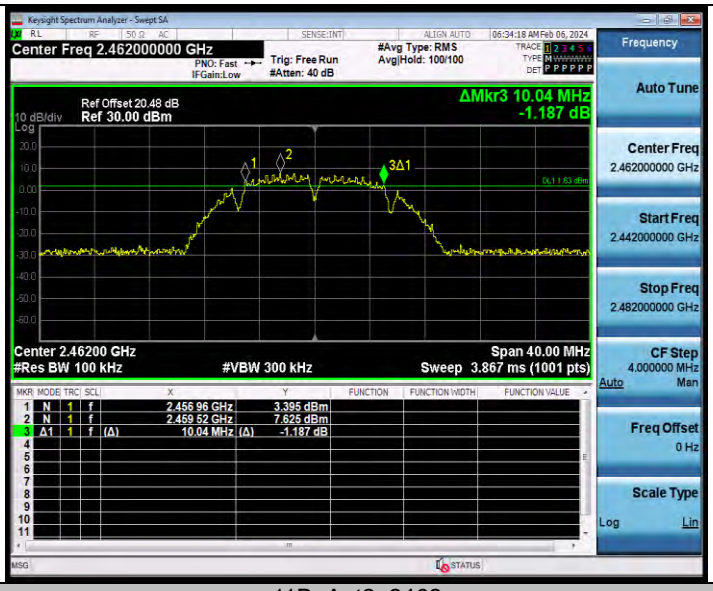

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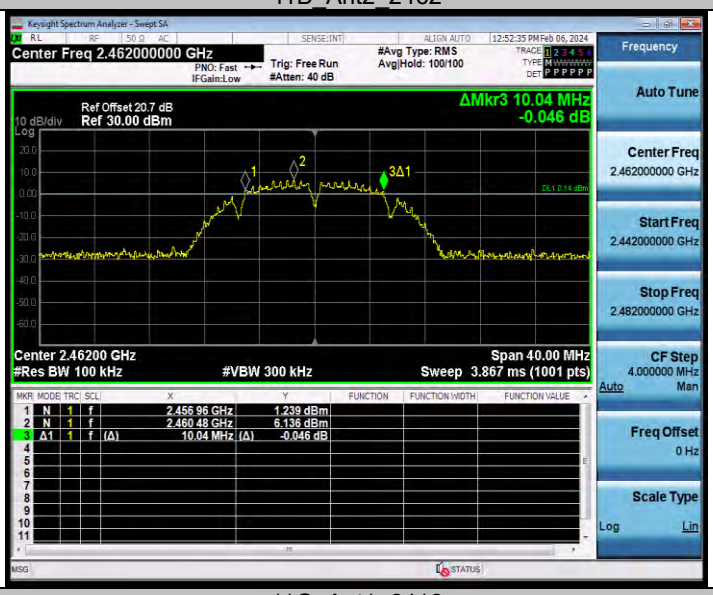

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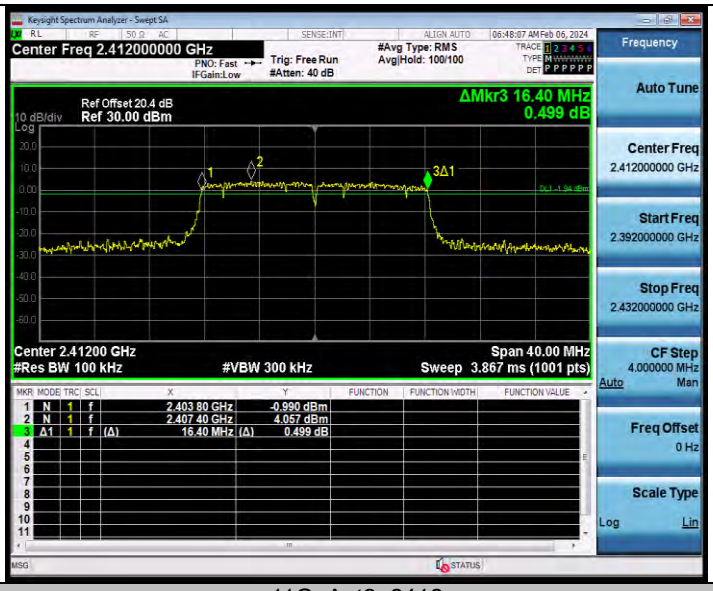

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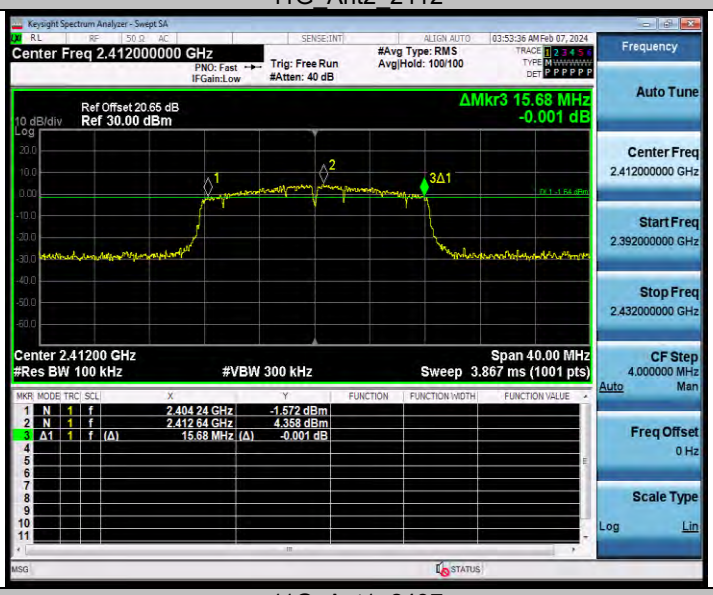

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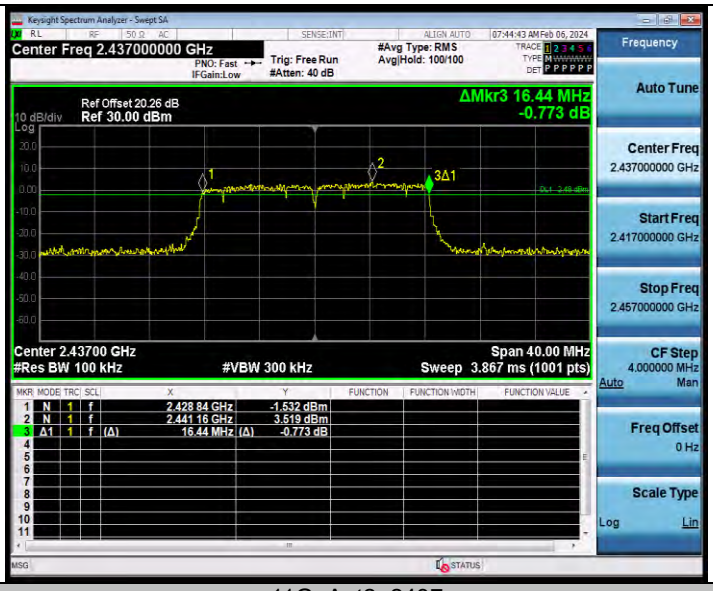

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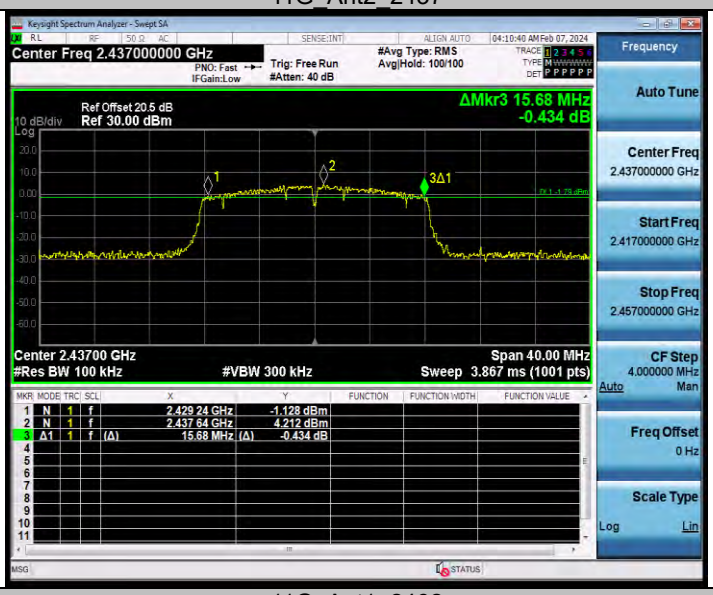

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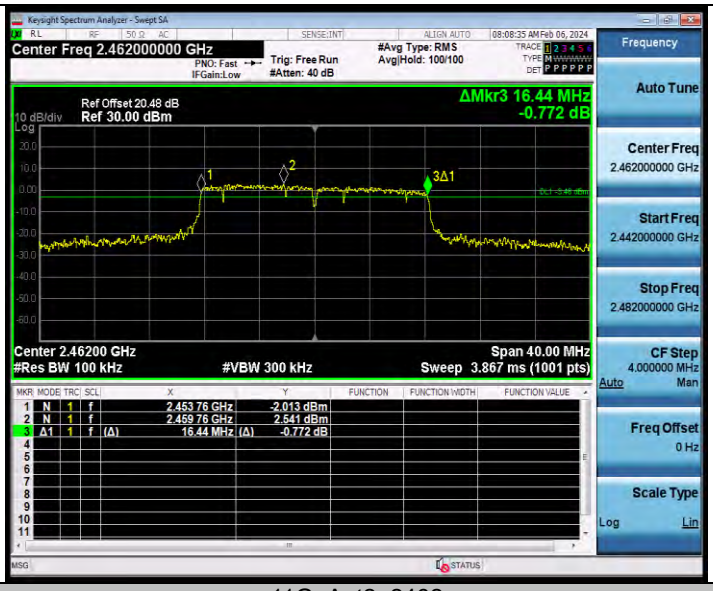

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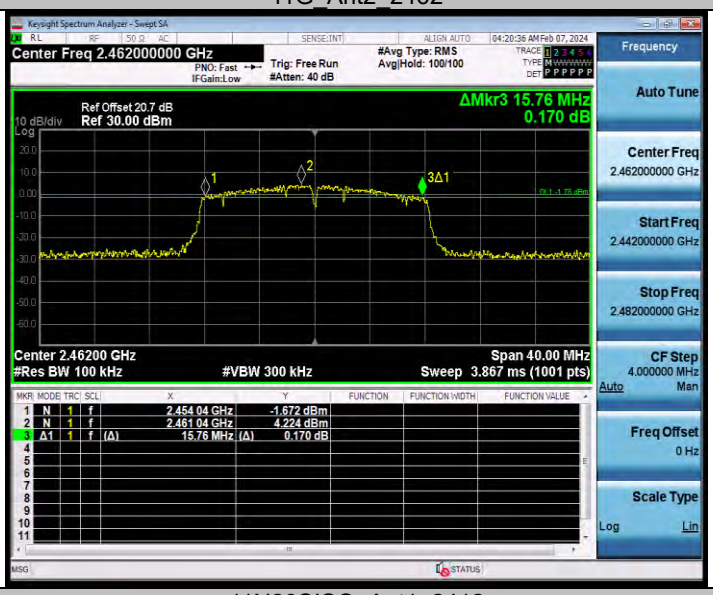

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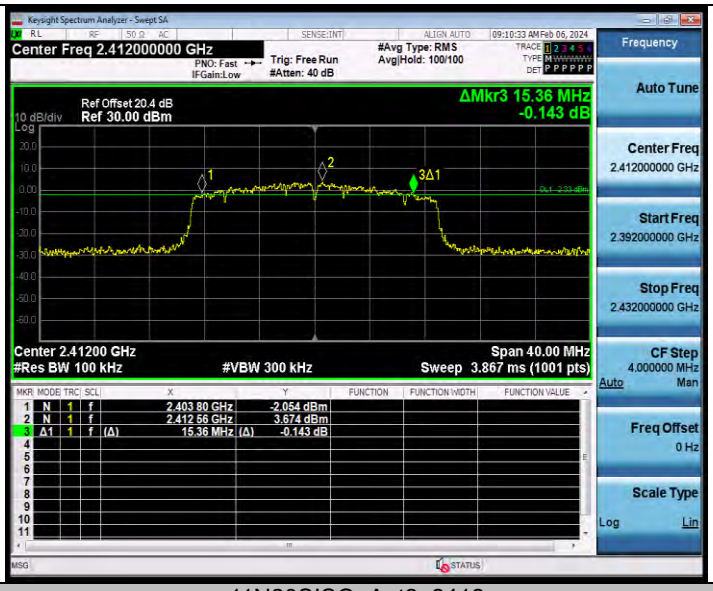

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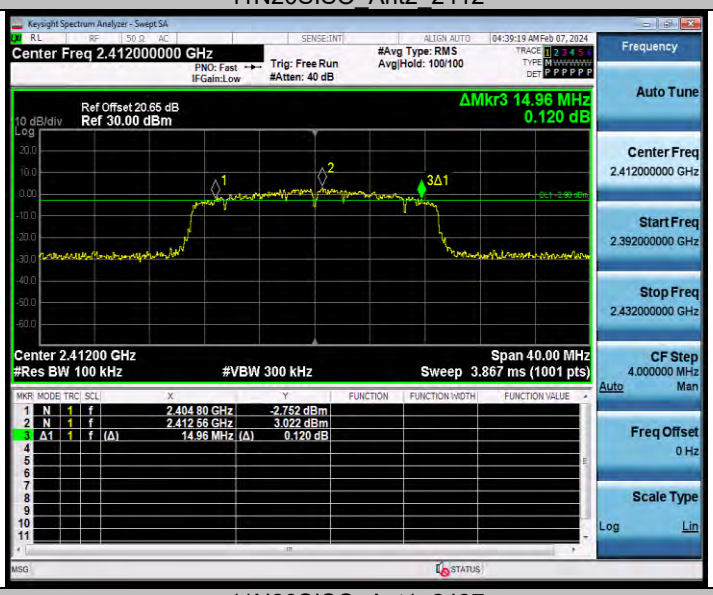

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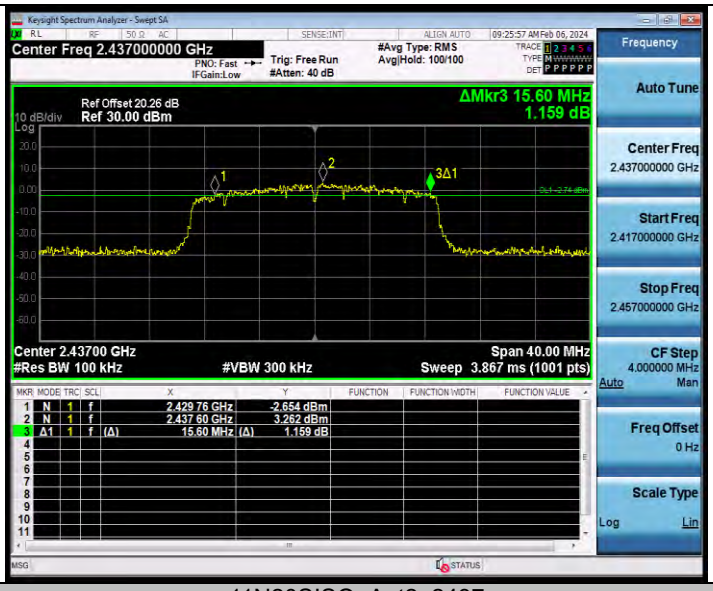

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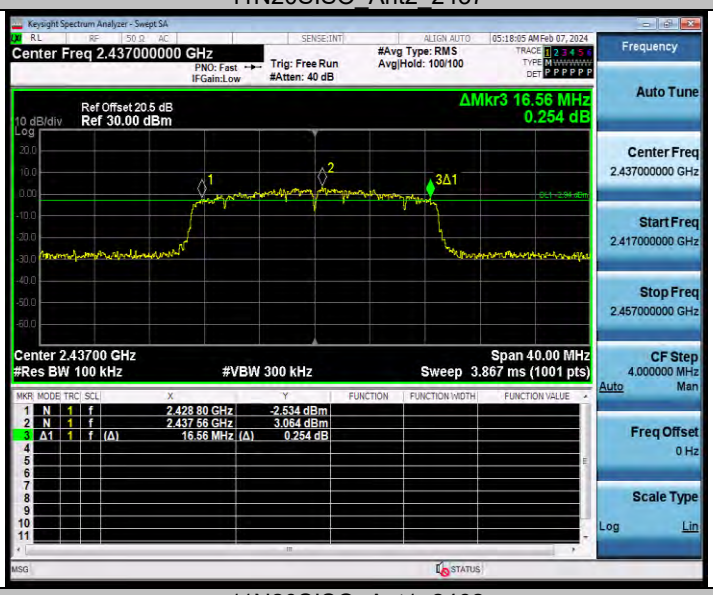

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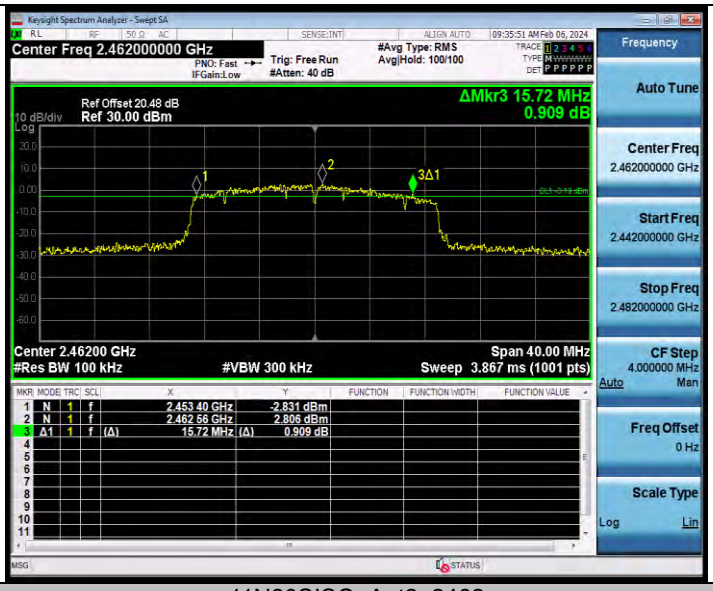

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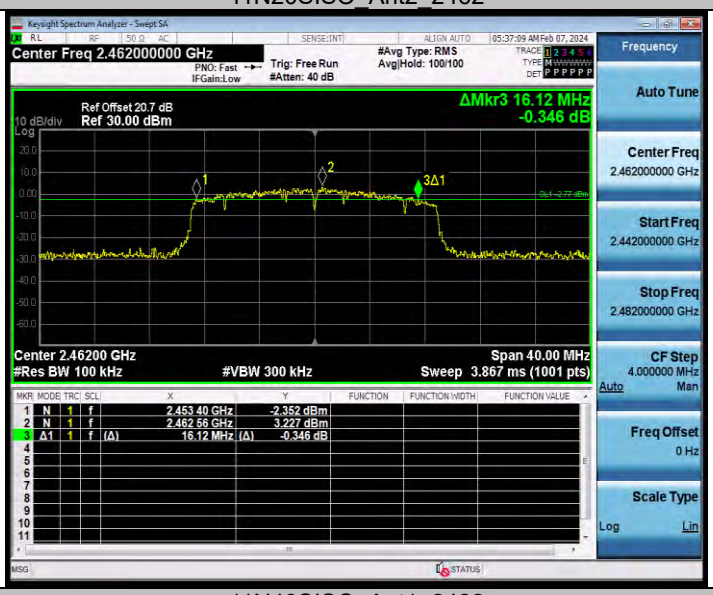

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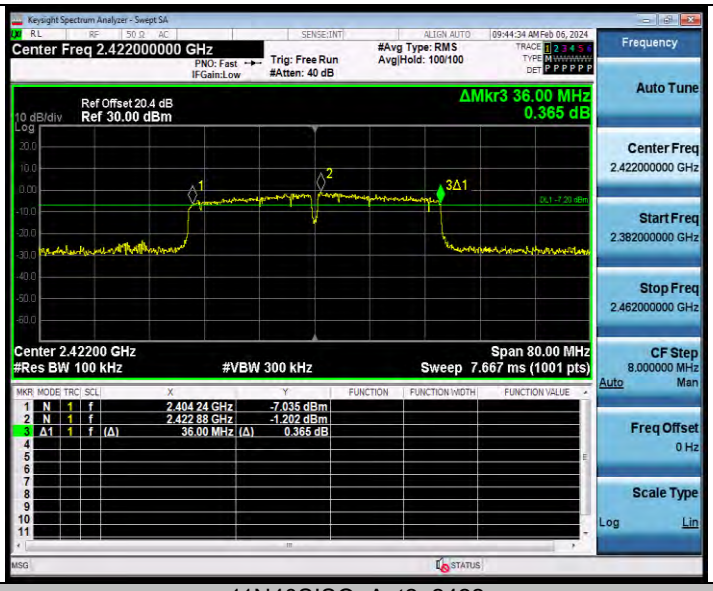

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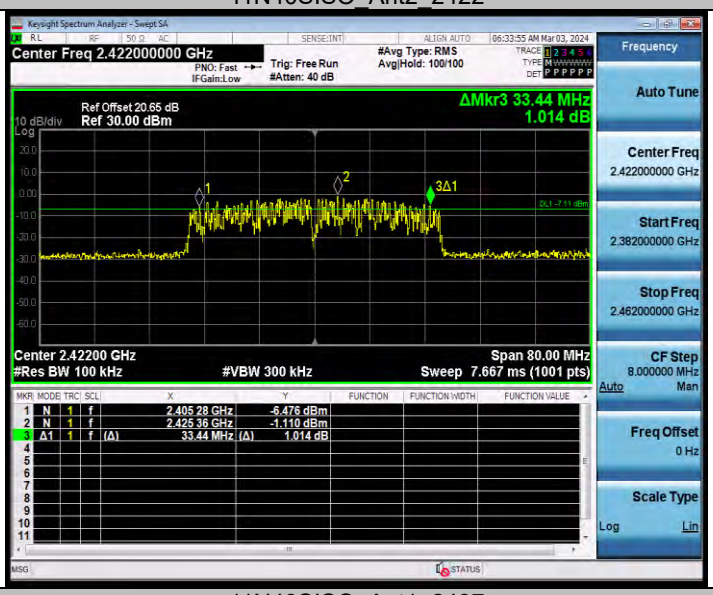

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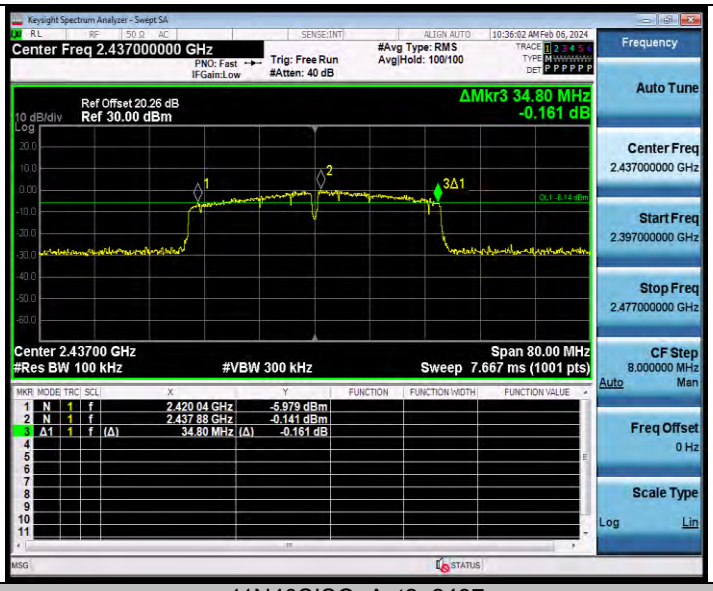

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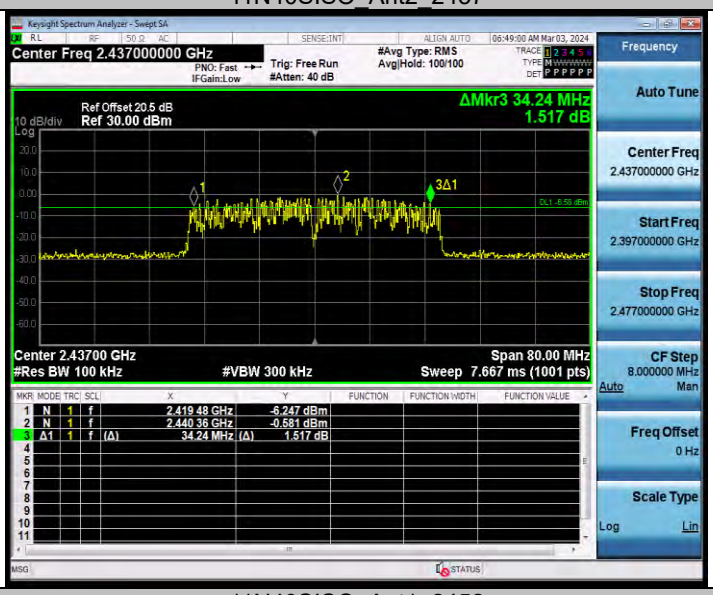

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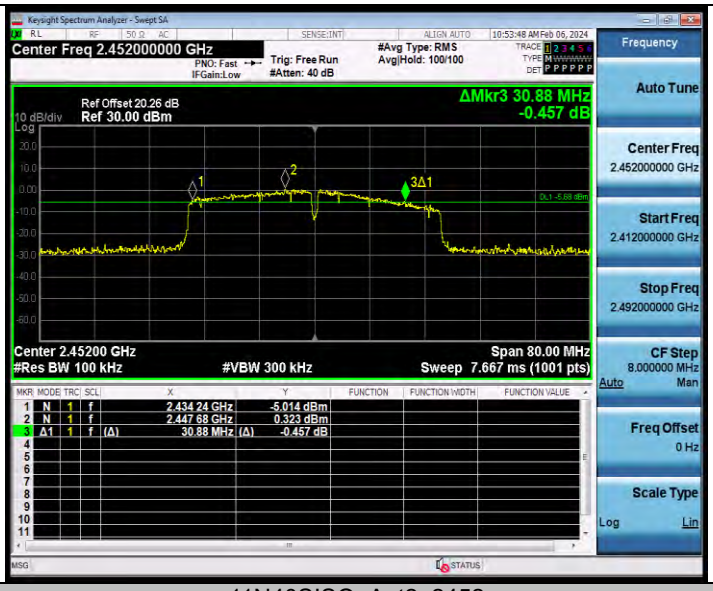

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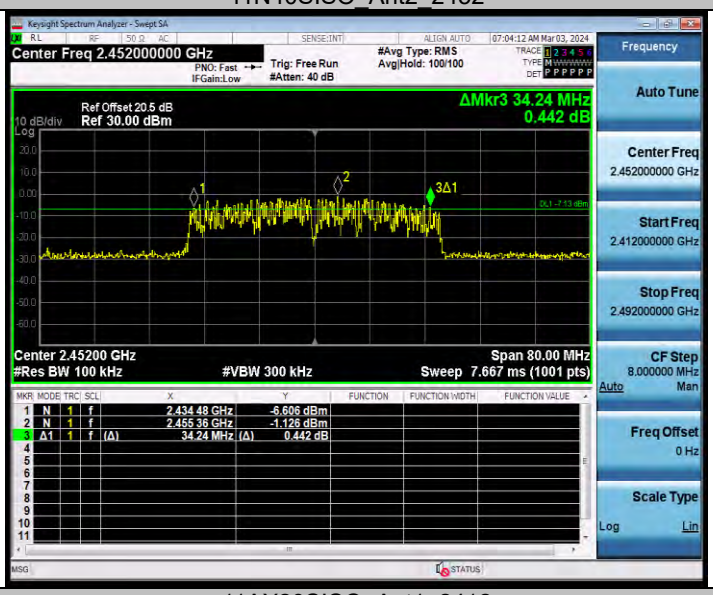

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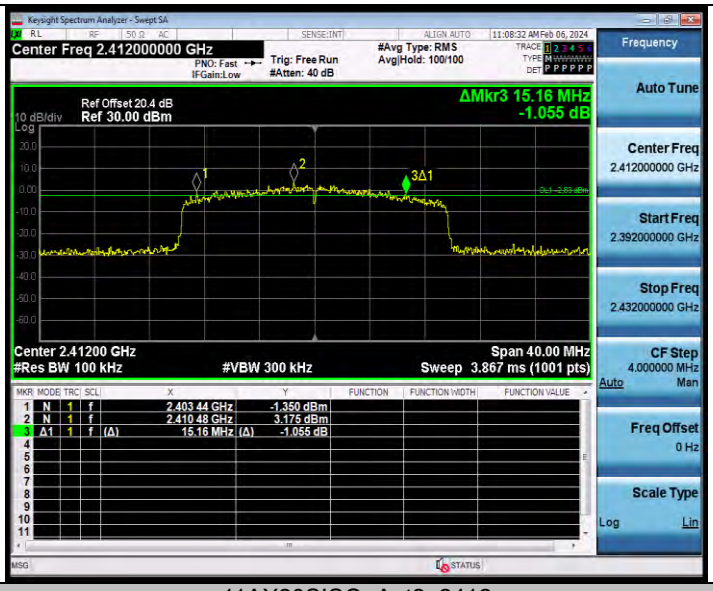

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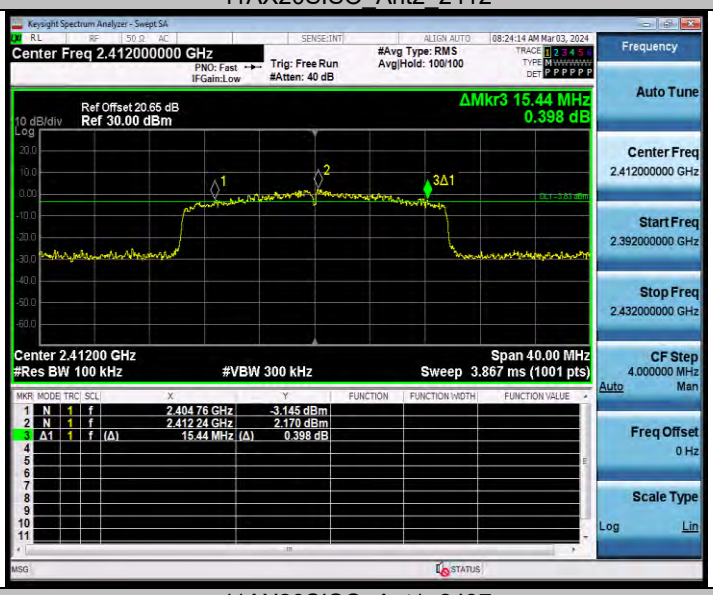

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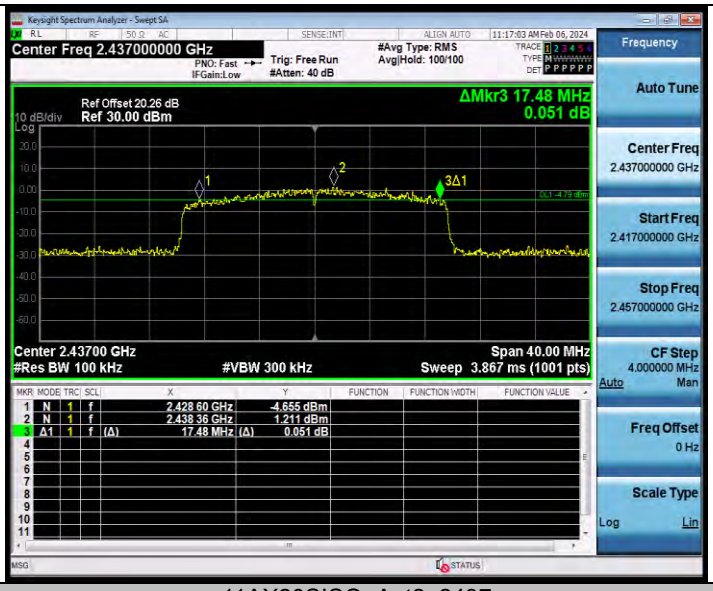

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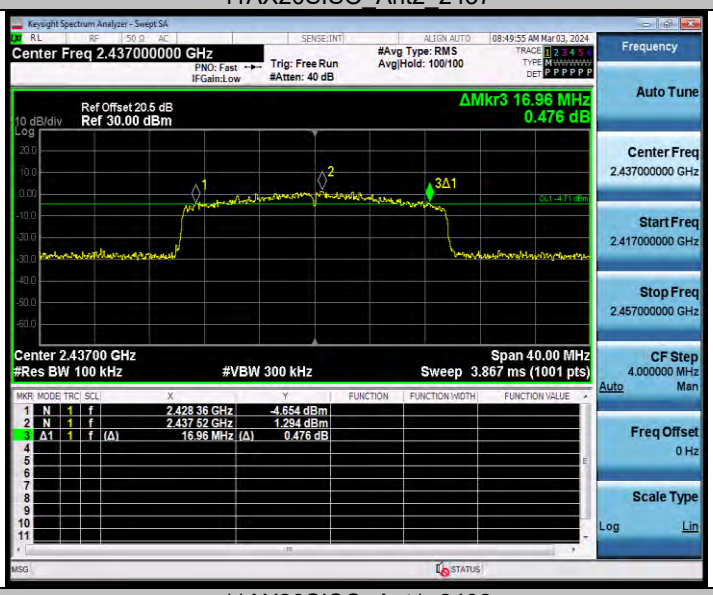

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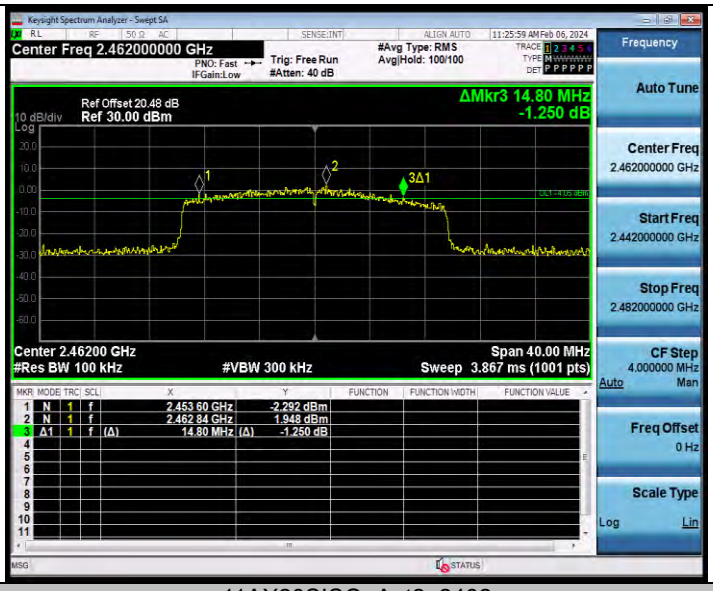

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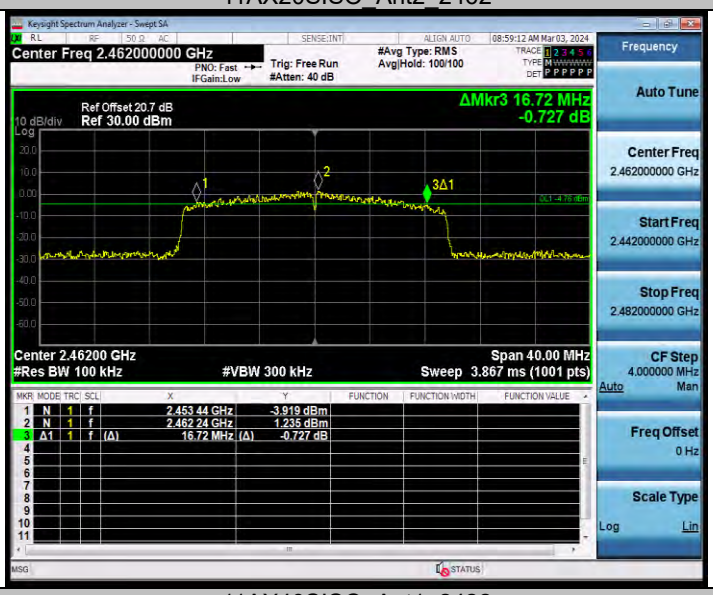

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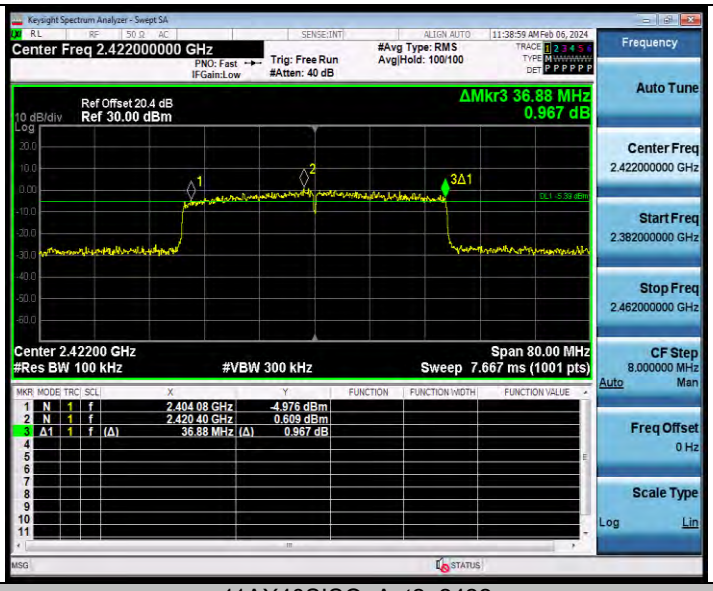

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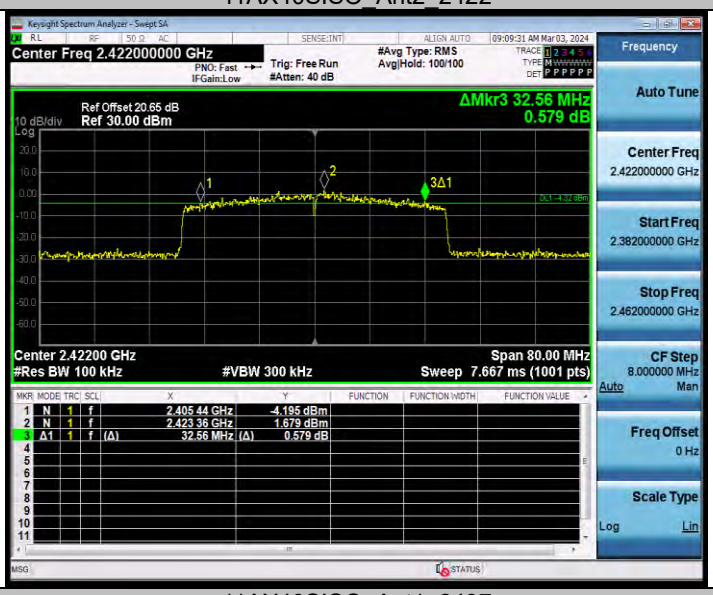

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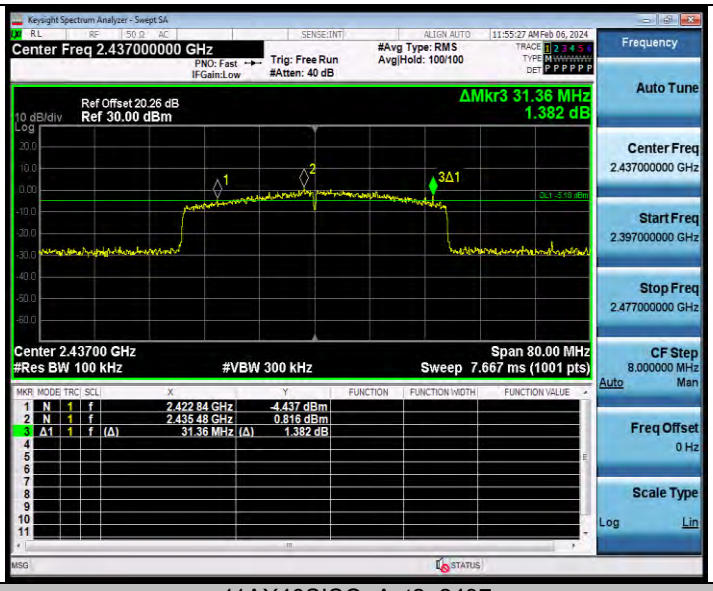

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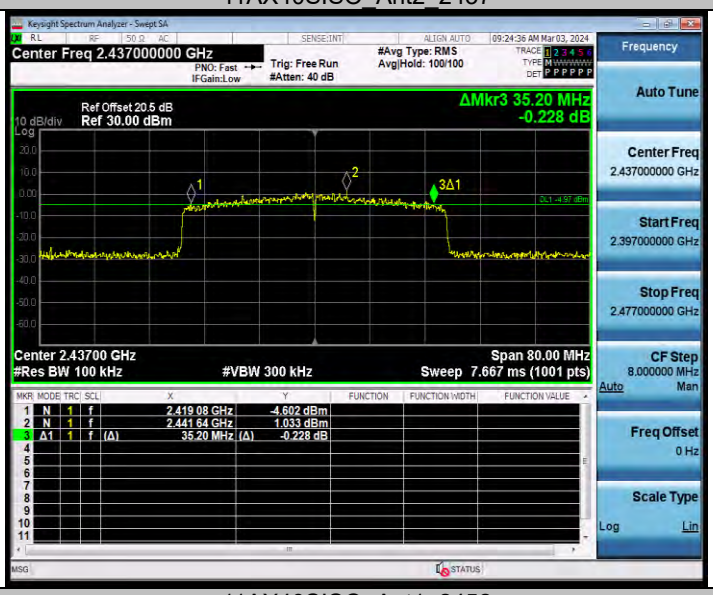

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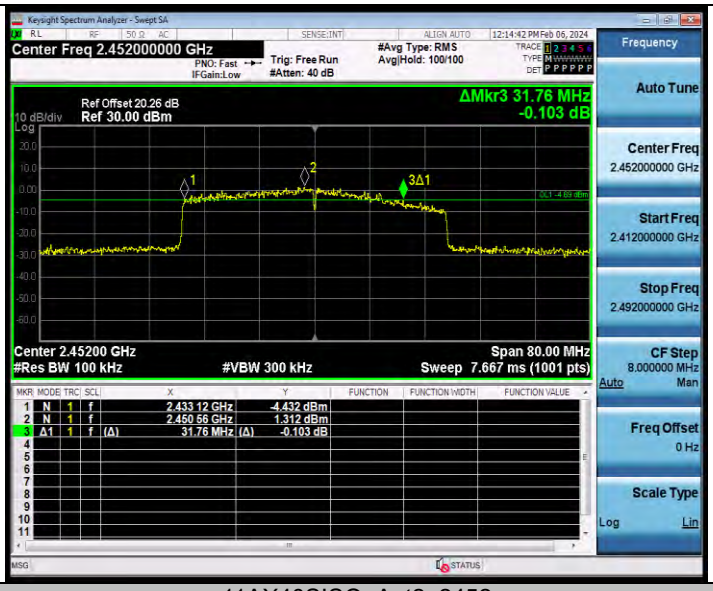

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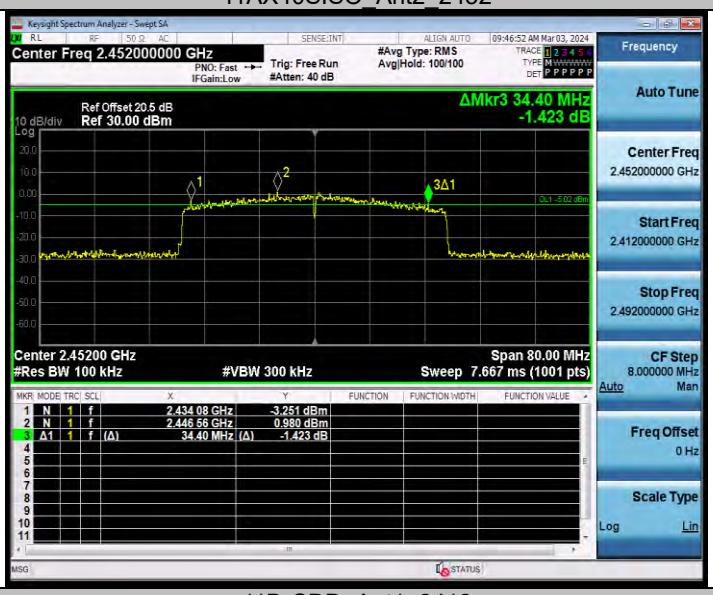

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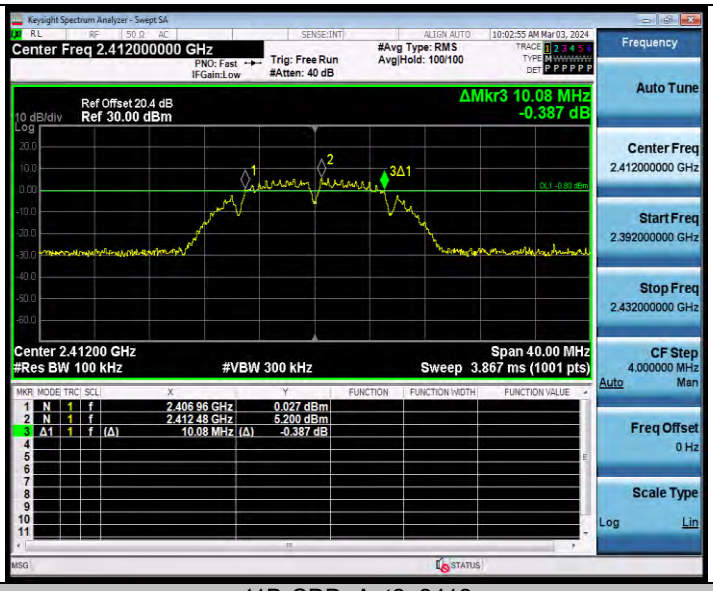

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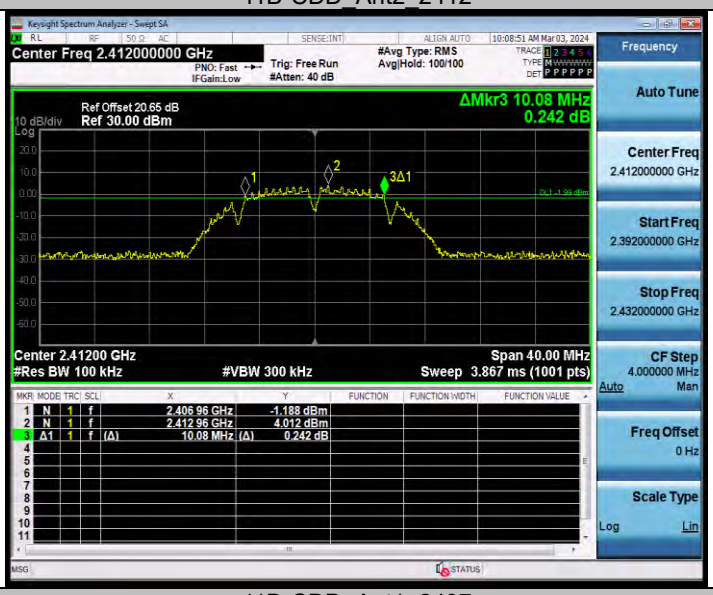

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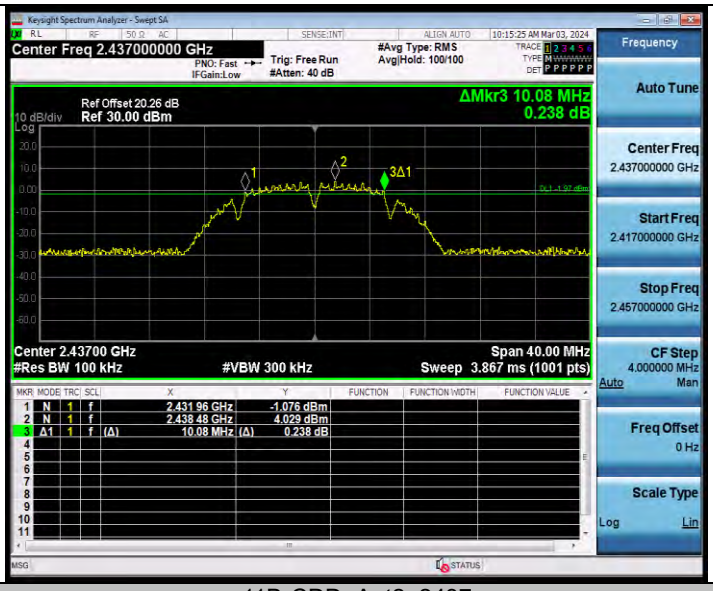

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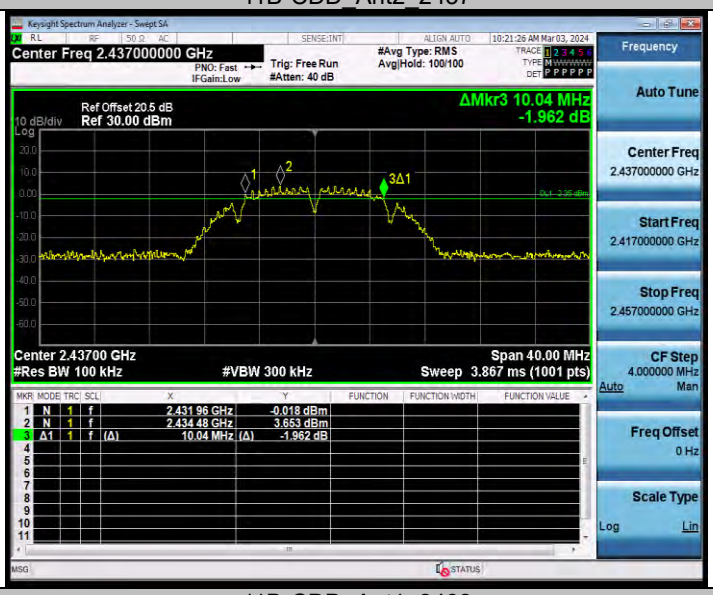

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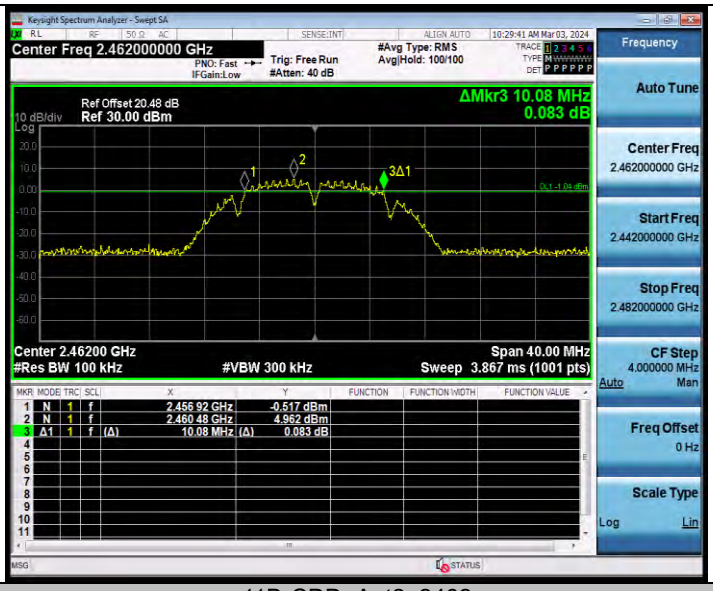

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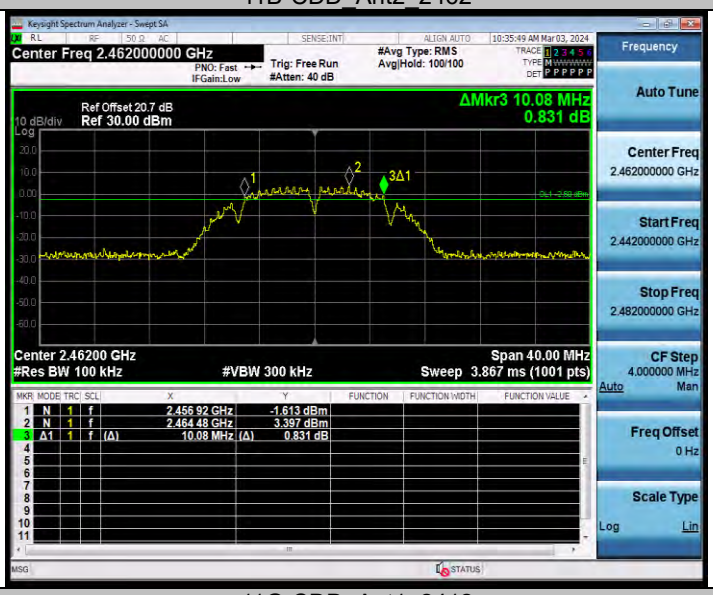

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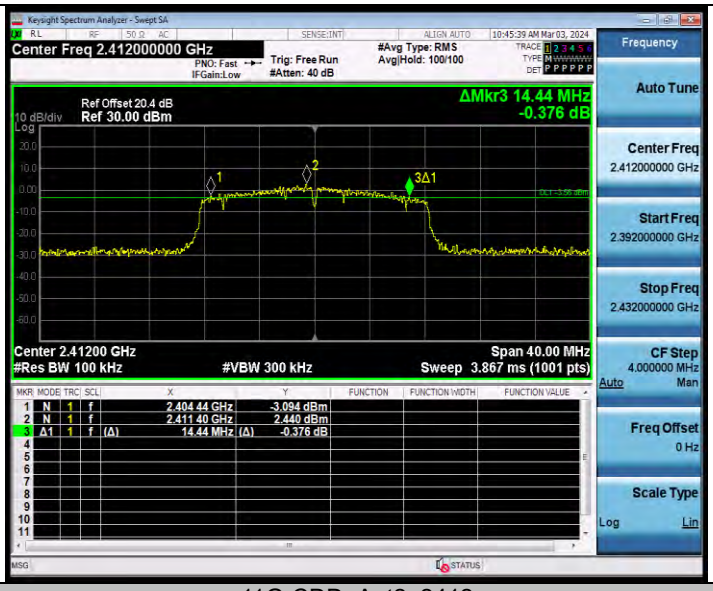

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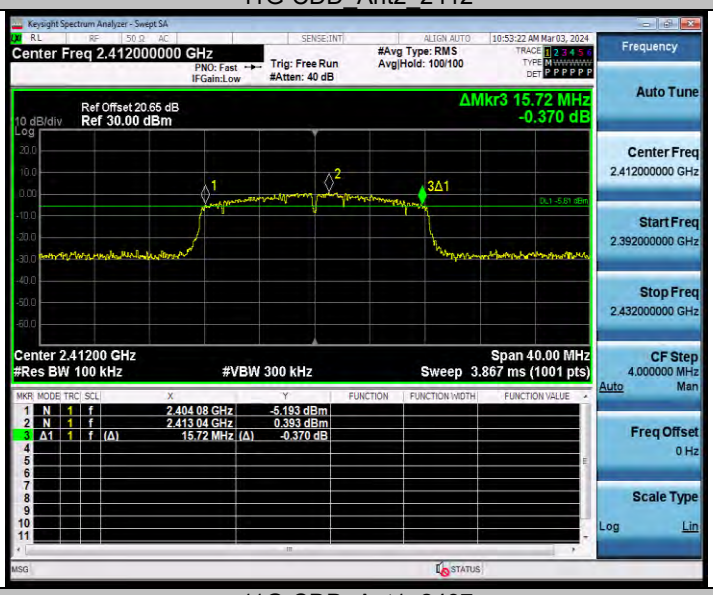
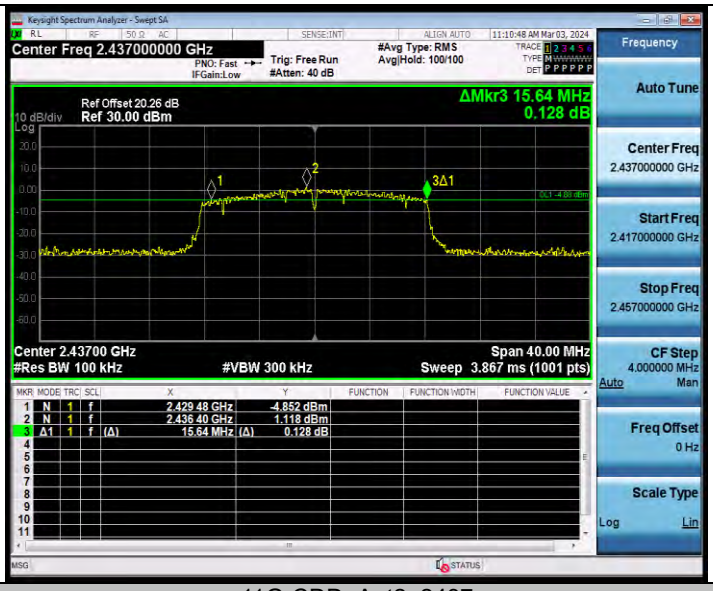


11G-CDD_Ant1_2437



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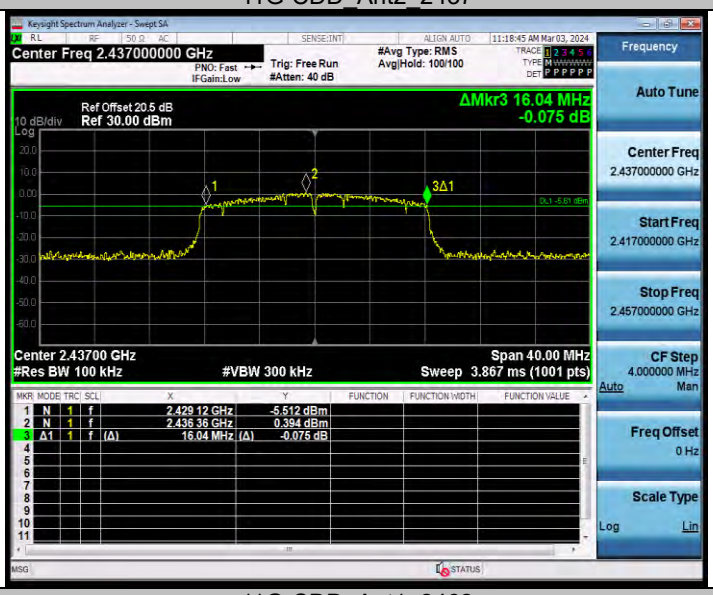

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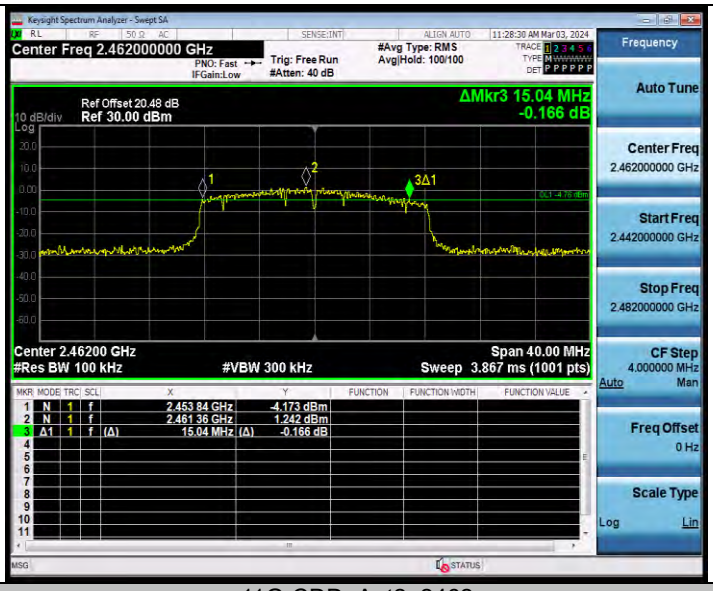

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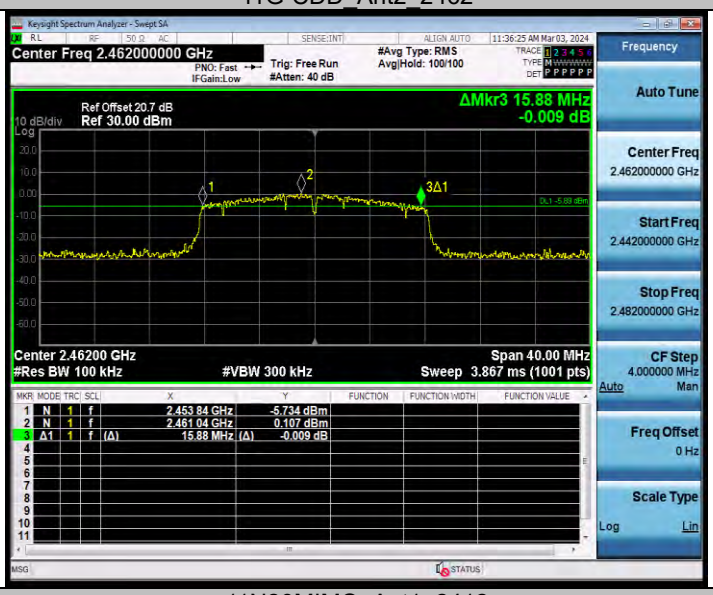

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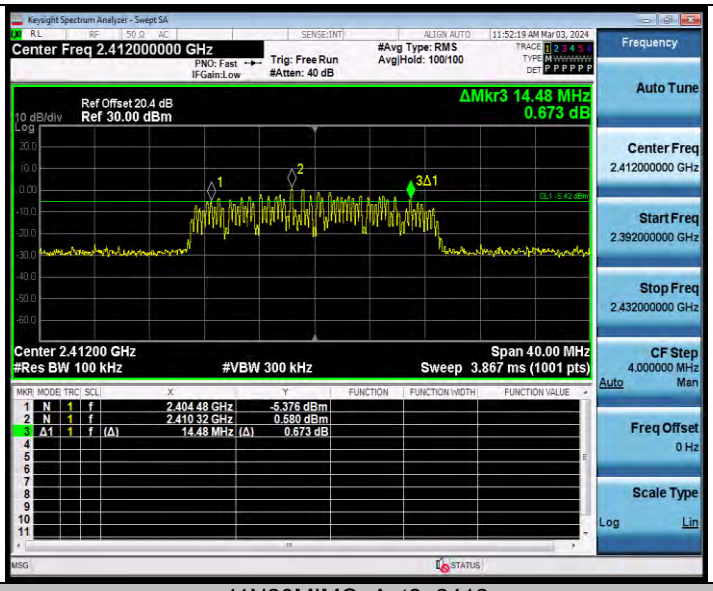

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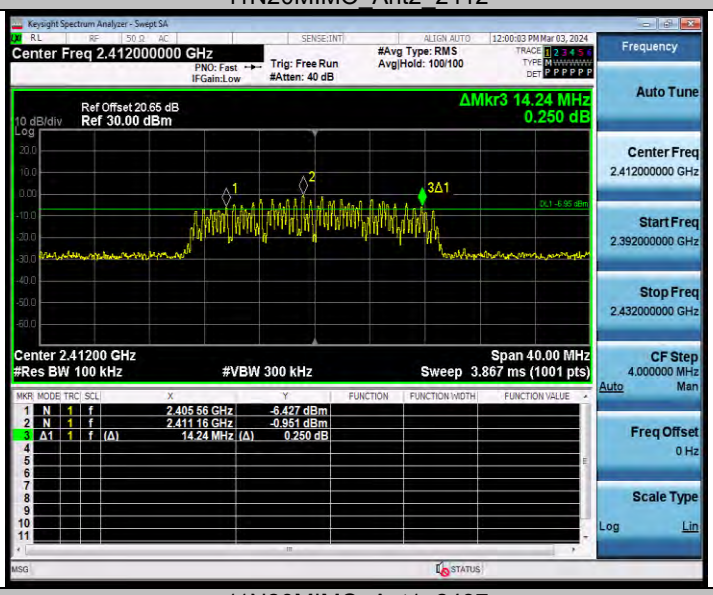

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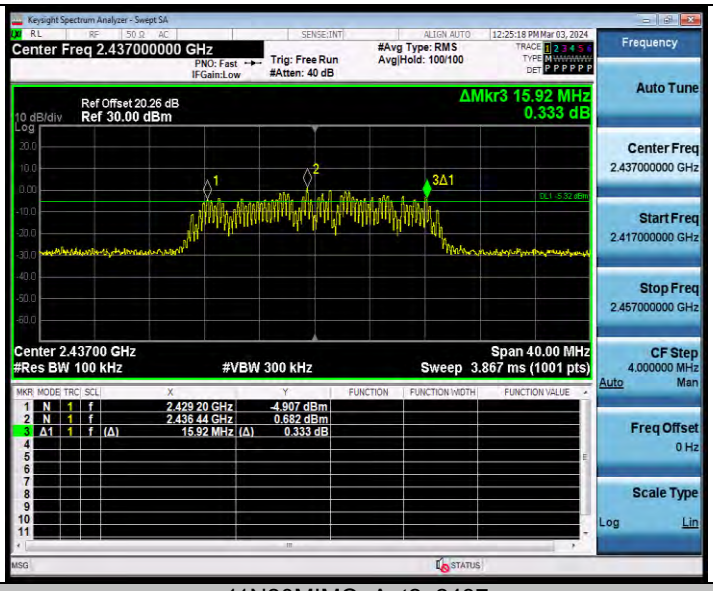

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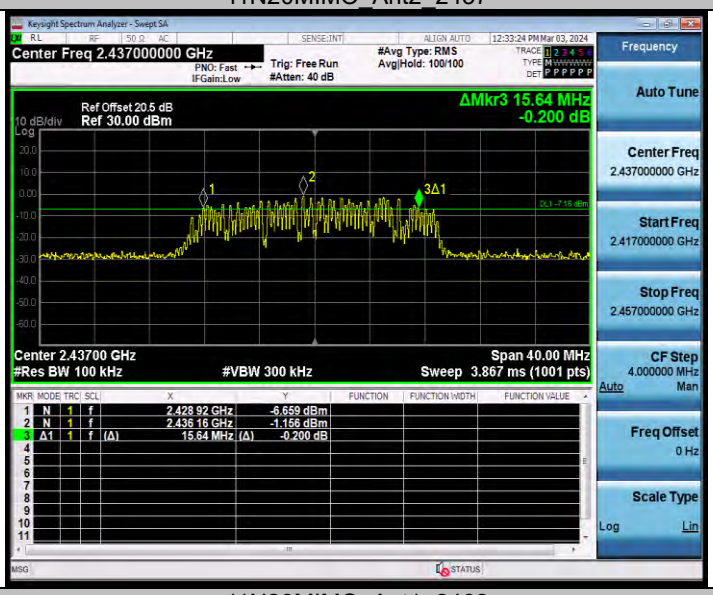

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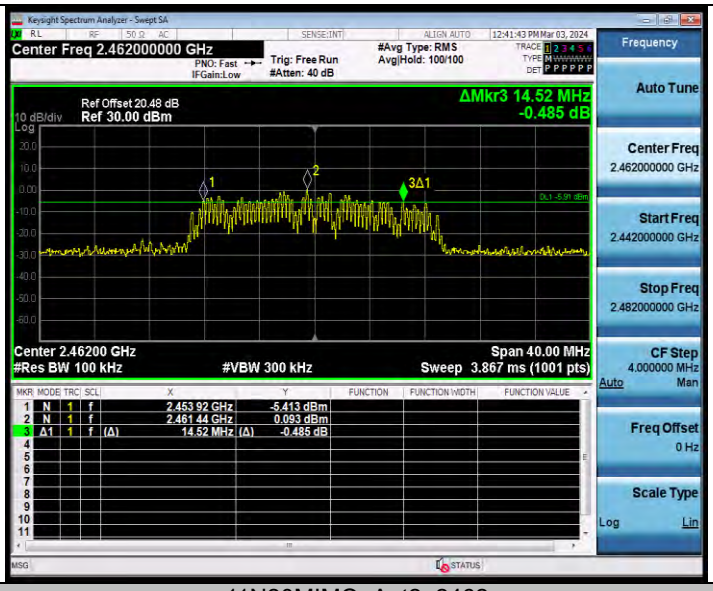

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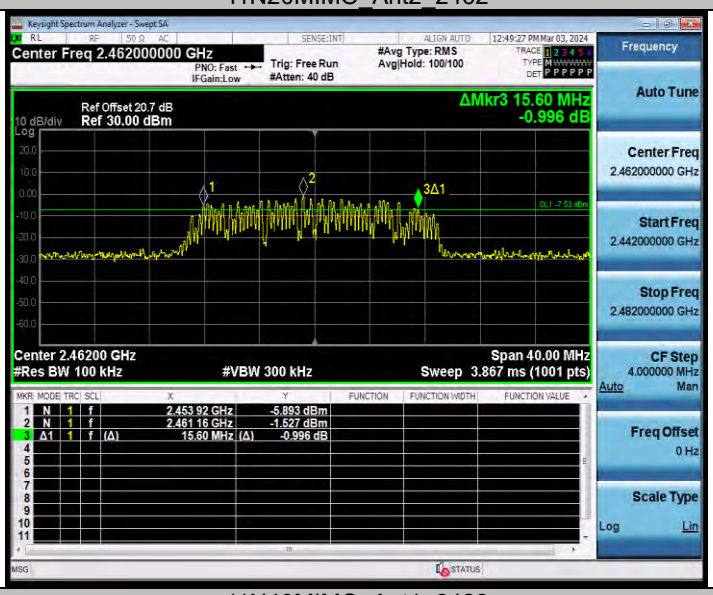

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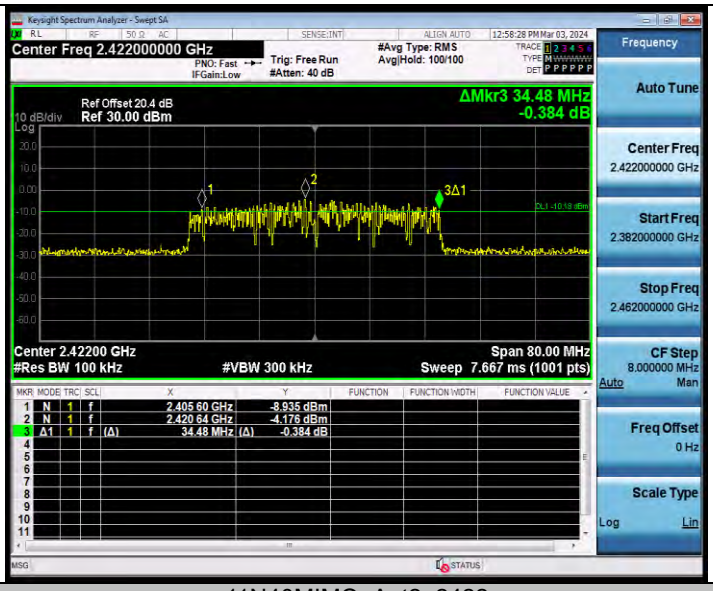

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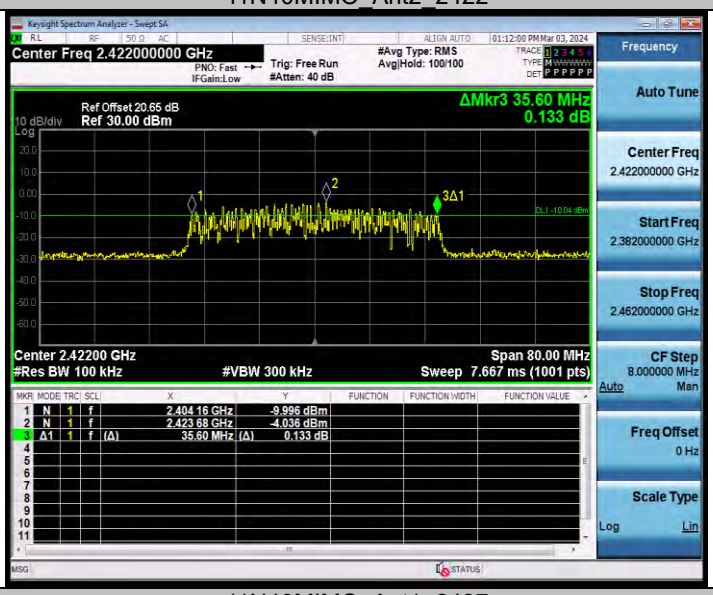

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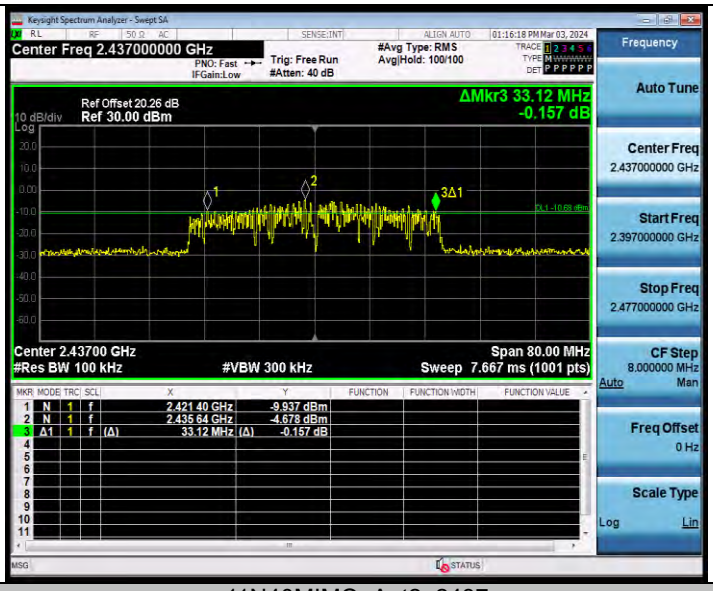

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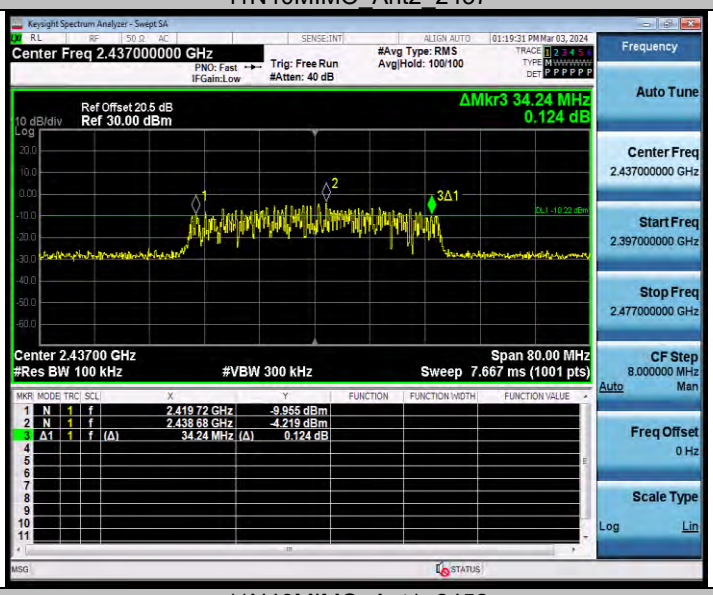

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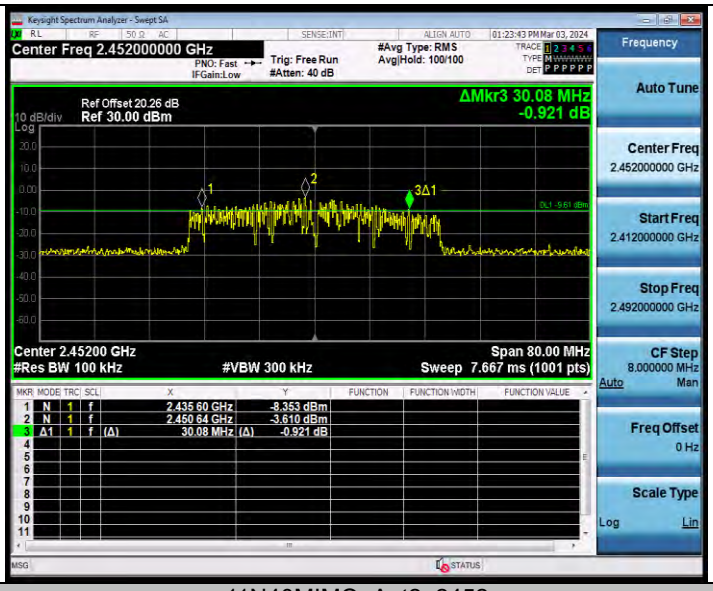

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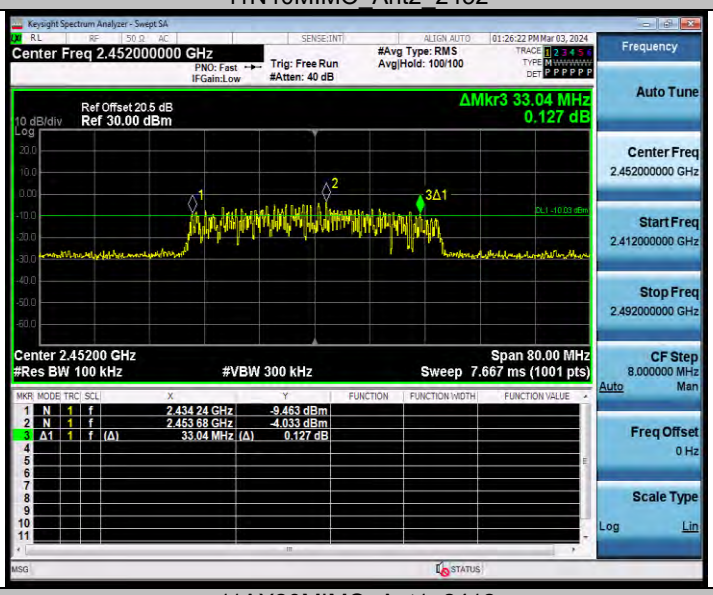

11AX20MIMO_Ant1_2412