ACCREDITED
Certificate # 3939.01

FCC TEST REPORT

(Part 15, Subpart C)

Applicant:	Honeywell International Inc Honeywell Safety and Productivity Solutions
Address:	9680 Old Bailes Road, Fort Mill, SC 29707 United States

Manufacturer or Supplier:	Honeywell International Inc Honeywell Safety and Productivity Solutions
Address:	9680 Old Bailes Road, Fort Mill, SC 29707 United States
Product:	Mobile Computer
Brand Name:	Honeywell
Model Name:	CT45P-X0N
FCC ID:	HD5-CT45PX0NG
Date of tests:	Oct. 12, 2021 ~ Dec. 09, 2021

The tests have been carried out according to the requirements of the following standard:

☒ **FCC Part 15, Subpart C, Section 15.247**

☒ **ANSI C63.10-2013**

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

Prepared by Simon Wang	Approved by Luke Lu
Engineer / Mobile Department	Manager / Mobile Department
Simon	Luke Lu
Date: Dec. 10, 2021	Date: Dec. 10, 2021

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
W7L-P21100002RF08-1	Original release	Dec. 10, 2021

1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC PART 15, SUBPART C (SECTION 15.247)		
STANDARD SECTION	**TEST TYPE AND LIMIT**	**RESULT**
15.207	AC Power Conducted Emission	Compliance
15.205 15.209	Radiated Emissions	Compliance
15.247(d)	Out of band Emission Measurement	Compliance
15.247(a)(2)	6dB bandwidth	Compliance
15.247(b)	Conducted Output power	Compliance
15.247(e)	Power Spectral Density	Compliance
15.203	Antenna Requirement	Compliance

NOTE: Except RSE, the data of 802.11ax 20 (RU 26/52/106/242) & 802.11ax 40 (RU 26/52/106/242/484) please refer to the Appendix.

1.1 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

MEASUREMENT	UNCERTAINTY
AC Power Conducted emissions	±2.70dB
Radiated emissions (30MHz~1GMHz)	±4.98dB
Radiated emissions (1GMHz ~6GMHz)	±4.70dB
Radiated emissions (6GMHz ~18GMHz)	±4.60dB
Radiated emissions (18GMHz ~40GMHz)	±4.12dB
Conducted emissions	±4.01dB
Occupied Channel Bandwidth	±43.58KHz
Conducted Output power	±2.06dB
Power Spectral Density	±0.85 dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k = 2.

2 GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

PRODUCT	Mobile Computer
BRAND NAME	Honeywell
MODEL NAME	CT45P-X0N
NOMINAL VOLTAGE	3.85Vdc (Lithium-ion cell, battery)
MODULATION	OFDMA
TRANSMISSION RATE	802ax: up to 1201.0Mbps
OPERATING FREQUENCY	2412-2462MHz for ax(20M RU26/52/106/242)/ax (40M RU26/52/106/242/484)
MAX. OUTPUT POWER	WLAN: 676.08mW (Maximum)
ANTENNA TYPE	ANT 0: PIFA Antenna with 1.7dBi gain for WIFI ANT 1: PIFA Antenna with 1.6dBi gain for WIFI
HW VERSION	V1.0
SW VERSION	OS.11.001
I/O PORTS	Refer to user's manual
CABLE SUPPLIED	USB cable: unshielded without ferrite, 1.25 meter Earphone cable: unshielded without ferrite, 1.27 meter

NOTE:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

2. This product includes the following two SKU which hardware is exactly same, the difference is described as following, Sample 1 was full test, sample 2 verify the worst case,check worst case Radiated emission:

SAMPLE	EUT CONFIGURATION INFORMATION
1	SKU ID:CT45P-X0N-37D100G ,Assembled with Scanner Imager: S0703
2	SKU ID:CT45P-X0N-38D100G ,Assembled with Scanner Imager: N6803/S0803

3. The EUT incorporates a MIMO function. Physically, the EUT provides two transmitter and two receiver.

MODULATION MODE	TX/RX FUNCTION
802.11ax (20MHz RU 26/52/106/242)	2TX /2RX
802.11ax (40MHz RU 26/52/106/242/484)	2TX /2RX

4. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.

List of Accessory:

ACCESSORIES	BRAND	MODEL	SPECIFICATION
Battery	Honeywell	CT50-BTSC	Capacity：3.85vdc 4020mAh
AC Adapter	HONOR	ADS-12B-06 05010E	I/P:100-240Vac, 0.3A O/P: 5Vdc, 2A
USB Cable	Honeywell	CT40-SN	Shielded, 1.25meter
Earphone	Honeywell	PTE-300N 3.5L	Shielded, 1.27meter
LCD Panel	CASIL	CTM10801920T01	5.0" FHD(1928*1080)

2.2 DESCRIPTION OF TEST MODES

11 channels are provided for 802.11ax20 (RU 26/52/106/242), 802.11ax40 (RU 26/52/106/242/484):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
1	2412 MHz	7	2442 MHz
2	2417 MHz	8	2447 MHz
3	2422 MHz	9	2452 MHz
4	2427 MHz	10	2457 MHz
5	2432 MHz	11	2462 MHz
6	2437 MHz		

2.2.1 CONFIGURATION OF SYSTEM UNDER TEST

Please see section 5 photographs of the test configuration for reference.

2.2.2 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and antenna ports.
The worst case was found when positioned on Y axis for radiated emission. Following test modes were selected for the final test, and the final worst case is marked in boldface and recorded in the report:

EUT CONFIGURE MODE	APPLICABLE TO				MODE
	RE<1G	RE≥1G	PLC	APCM	
-	√	√	√	√	-

Where **RE<1G:** Radiated Emission below 1GHz **RE≥1G:** Radiated Emission above 1GHz
PLC: Power Line Conducted Emission **APCM:** Antenna Port Conducted Measurement

NOTE: No need to concern of Conducted Emission due to the EUT is powered by battery.

RADIATED EMISSION TEST (BELOW 1GHz):

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

☒ Following channel(s) was (were) selected for the final test as listed below.

MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)
802.11ax 40 (RU 484)	3 to 9	9	OFDMA	MCS0

RADIATED EMISSION TEST (ABOVE 1GHz):

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

☒Following channel(s) was (were) selected for the final test as listed below.

MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)
802.11ax 20 (RU 26)	1 to 11	1, 11	OFDMA	MCS0
802.11ax 20 (RU 242)	1 to 11	1, 11	OFDMA	MCS0
802.11ax 40 (RU 26)	3 to 9	3, 9	OFDMA	MCS0
802.11ax 40 (RU 484)	3 to 9	3, 9	OFDMA	MCS0

POWER LINE CONDUCTED EMISSION TEST

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

☒ Following channel(s) was (were) selected for the final test as listed below.

MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)
802.11ax 40 (RU 484)	3 to 9	9	OFDMA	MCS0

BANDEDGE MEASUREMENT:

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

☒ Following channel(s) was (were) selected for the final test as listed below.

MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)
802.11ax 20 (RU 26/52/106/242)	1 to 11	1,11	OFDMA	MCS0
802.11ax 40 (RU 26/52/106/242/484)	3 to 9	3 ,9	OFDMA	MCS0

ANTENNA PORT CONDUCTED MEASUREMENT:

☒ This item includes all test value of each mode, but only includes spectrum plot of worst value of each mode.

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

☒ Following channel(s) was (were) selected for the final test as listed below.

MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)
802.11ax 20 (RU 26/52/106/242)	1 to 11	1,11	OFDMA	MCS0
802.11ax 40 (RU 26/52/106/242/484)	3 to 9	3 ,9	OFDMA	MCS0

TEST CONDITION:

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	TEST VOLTAGE	TESTED BY
RE<1G	23deg. C, 70%RH	DC 3.85V By Battery	Carl Xie
RE≥1G	23deg. C, 70%RH	DC 3.85V By Battery	Carl Xie
PLC	25deg. C, 52%RH	DC 3.85V By Battery	Lily Zhao
APCM	25deg. C, 60%RH	DC 3.85V By Battery	Lily Zhao

2.3 Duty Cycle of Test Signal

Please refer to APPENDIX

2.4 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC Part 15, Subpart C, Section 15.247

KDB 558074 D01 DTS Meas Guidance v05r02

ANSI C63.10-2013

Note：

1. All test items have been performed and recorded as per the above standards.
2. The EUT is also considered as a kind of computer peripheral, because the connection to computer is necessary for typical use. It has been verified to comply with the requirements of FCC Part 15, Subpart B, Class B (Certification). The test report has been issued separately.

2.5 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	Desktop	Lenovo	M73 SFF	PC04GRQV	N/A
2	Desktop	Lenovo	M73 SFF	PC06CS27	N/A
3	Laptop	Lenovo	Thnikpad T450	PC-049PT1	N/A

NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	AC Line: Unshielded, Detachable 1.5m
2	AC Line: Unshielded, Detachable 1.5m
3	AC Line: Unshielded, Detachable 1.5m

3 TEST TYPES AND RESULTS

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

FREQUENCY OF EMISSION (MHz)	CONDUCTED LIMIT (dBμV)	
	Quasi-peak	Average
0.15 ~ 0.5	66 to 56	56 to 46
0.5 ~ 5	56	46
5 ~ 30	60	50

NOTE: 1.The lower limit shall apply at the transition frequencies.

2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.
3. All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

3.1.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESR3	101900	Mar. 03,21	Mar. 02,22
EMC32 test software	Rohde&Schwarz	EMC32	NA	NA	NA
LISN network	Rohde&Schwarz	ENV216	101922	Feb. 25,21	Feb. 24, 22

NOTE:

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

3.1.3 TEST PROCEDURES

a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.

b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

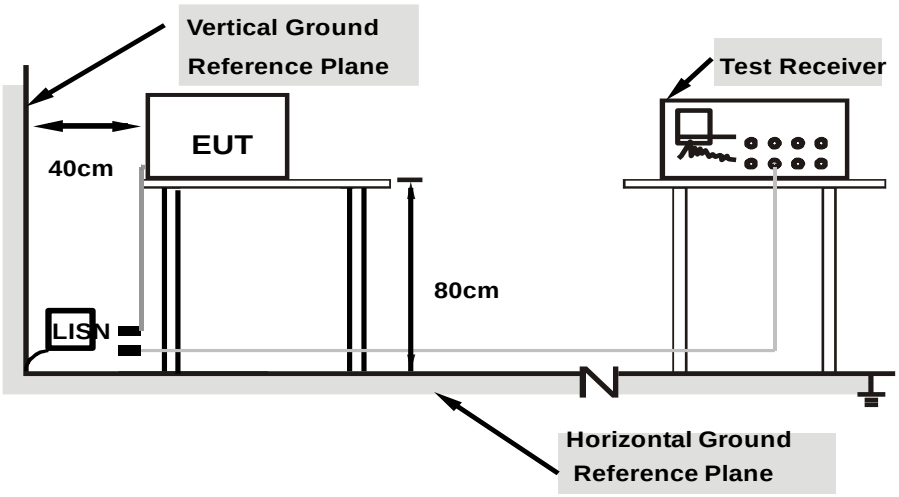
c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

NOTE: All modes of operation were investigated and the worst-case emissions are reported.

3.1.4 DEVIATION FROM TEST STANDARD

No deviation.

3.1.5 TEST SETUP



Note: 1.Support units were connected to second LISN.
2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

For the actual test configuration, please refer to the attached file (Test Setup Photo).

3.1.6 EUT OPERATING CONDITIONS

a. Turned on the power and connected of all equipment.
b. EUT was operated according to the type used was description in manufacturer's specifications or the User's Manual.

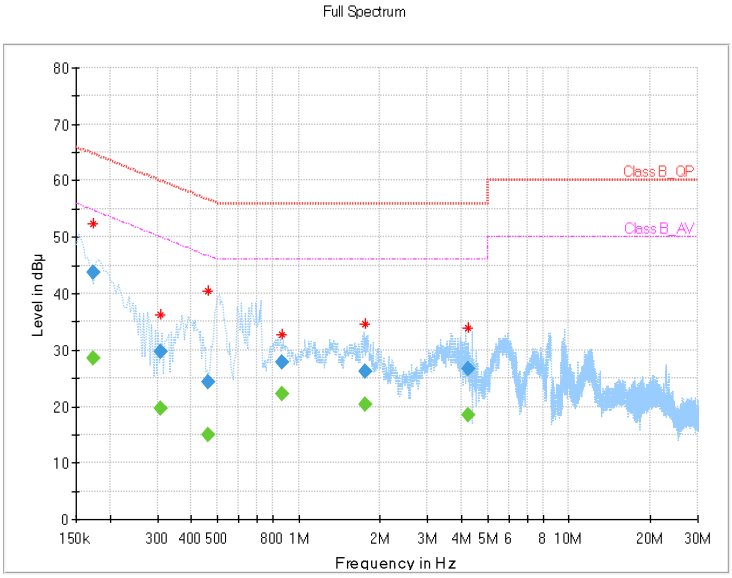
3.1.7 TEST RESULTS

CONDUCTED WORST-CASE DATA:

Frequency Range	150KHz ~ 30MHz	**Detector Function & Resolution Bandwidth**	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120Vac, 60Hz	**Environmental Conditions**	25deg. C, 55%RH
Tested By	Carl Xie		

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.174000	---	28.45	54.77	26.32	L1	ON	9.7
0.174000	43.78	---	64.77	20.99	L1	ON	9.7
0.308000	---	19.65	50.02	30.37	L1	ON	9.7
0.308000	29.63	---	60.02	30.39	L1	ON	9.7
0.464000	---	14.97	46.62	31.65	L1	ON	9.7
0.464000	24.35	---	56.62	32.27	L1	ON	9.7
0.868000	---	22.19	46.00	23.81	L1	ON	9.7
0.868000	27.86	---	56.00	28.14	L1	ON	9.7
1.764000	---	20.27	46.00	25.73	L1	ON	9.7
1.764000	26.18	---	56.00	29.82	L1	ON	9.7
4.220000	---	18.48	46.00	27.52	L1	ON	9.7
4.220000	26.68	---	56.00	29.32	L1	ON	9.7

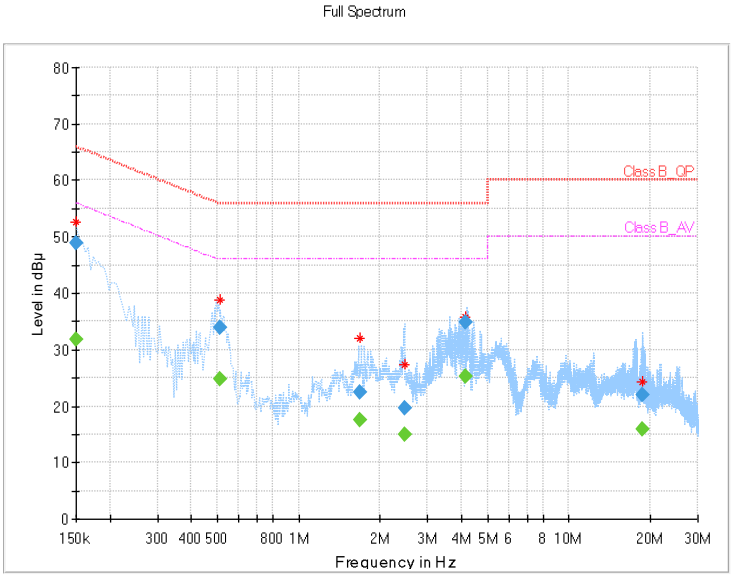
REMARKS: 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Limit value - Emission level
5. Correction factor = Insertion loss + Cable loss
6. Emission Level = Correction Factor + Reading Value.



Frequency Range	150KHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120Vac, 60Hz	Environmental Conditions	25deg. C, 55%RH
Tested By	Carl Xie		

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	31.76	56.00	24.24	N	ON	9.7
0.150000	48.85	---	66.00	17.15	N	ON	9.7
0.512000	---	24.77	46.00	21.23	N	ON	9.7
0.512000	33.92	---	56.00	22.08	N	ON	9.7
1.684000	---	17.58	46.00	28.42	N	ON	9.8
1.684000	22.48	---	56.00	33.52	N	ON	9.8
2.460000	---	15.04	46.00	30.96	N	ON	9.8
2.460000	19.54	---	56.00	36.46	N	ON	9.8
4.148000	---	25.17	46.00	20.83	N	ON	9.8
4.148000	34.75	---	56.00	21.25	N	ON	9.8
18.680000	---	15.91	50.00	34.09	N	ON	9.9
18.680000	21.94	---	60.00	38.06	N	ON	9.9

REMARKS: 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Limit value - Emission level
5. Correction factor = Insertion loss + Cable loss
6. Emission Level = Correction Factor + Reading Value.



3.2 RADIATED EMISSION MEASUREMENT

3.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).

FREQUENCIES (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

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

3.2.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
3m Semi-anechoic Chamber	ETS-LINDGREN	9m*6m*6m	Euroshieldpn-CT0001143-1216	May. 19,20	May. 18,23
Bilog Antenna	ETS-LINDGREN	3143B	00161965	Mar. 05,21	Mar. 04,22
Horn Antenna	ETS-LINDGREN	3117	00168728	Apr. 02,21	Apr. 01,22
Horn Antenna (18GHz-40GHz)	N/A	QWH-SL-18-40-K-SG/QMS-00361	15433	Aug. 25, 21	Aug. 24, 22
Test Software	E3	V 9.160323	N/A	N/A	N/A
Test Software	ADT	ADT_Radiated_V7.6.15.9.2	N/A	N/A	N/A
10dB Attenuator	JFW/USA	50HF-010-SMA	1505	Jun. 03,21	Jun. 02,22
MXE EMI Receiver	KEYSIGHT	N9038A-544	MY54450026	Apr. 22,21	Apr. 21,22
Signal Pre-Amplifier	EMSI	EMC 9135	980249	Jun. 02,21	Jun. 01,22
Signal Pre-Amplifier	EMSI	EMC 012645B	980257	Jun. 03,21	Jun. 02,22
Signal Pre-Amplifier	EMSI	EMC 184045B	980259	Apr. 22,21	Apr. 21,22

NOTE: 1. The calibration interval of the above test instruments is 12 months or 36 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.

2. The test was performed in 3m Chamber.

3. The FCC Site Registration No. is 525120; The Designation No. is CN1171.

3.2.3 TEST PROCEDURES

a. The EUT was placed on the top of a rotating table 0.8 meters (for below 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

f. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, For battery operated equipment, the equipment tests shall be perform using fresh batteries. The turntable was rotated to maximize the emission level.

Note:

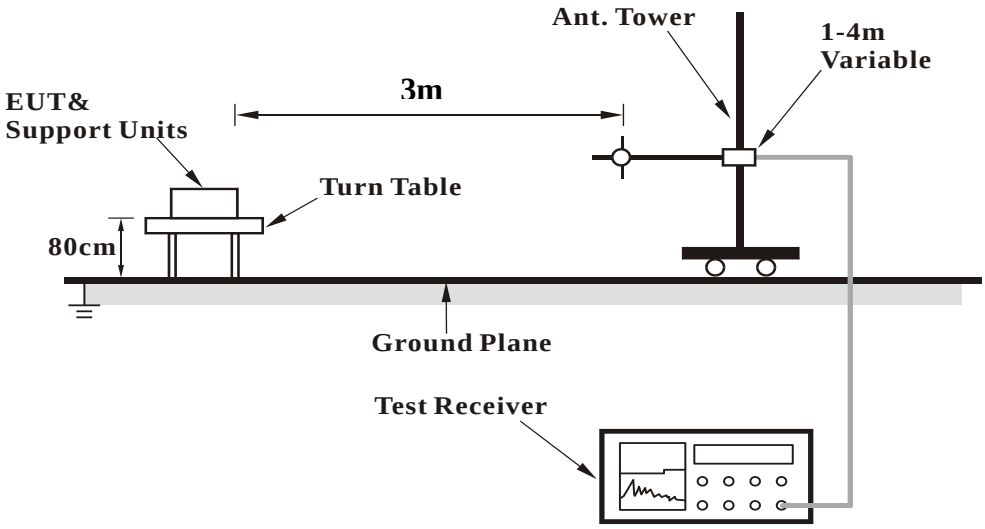
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for RMS Average (Duty cycle < 98%) for Average detection (AV) at frequency above 1GHz, then the measurement results was added to a correction factor (10 log(1/duty cycle)).
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 10Hz (Duty cycle ≥ 98%) for Average detection (AV) at frequency above 1GHz.
5. All modes of operation were investigated and the worst-case emissions are reported.

3.2.4 DEVIATION FROM TEST STANDARD

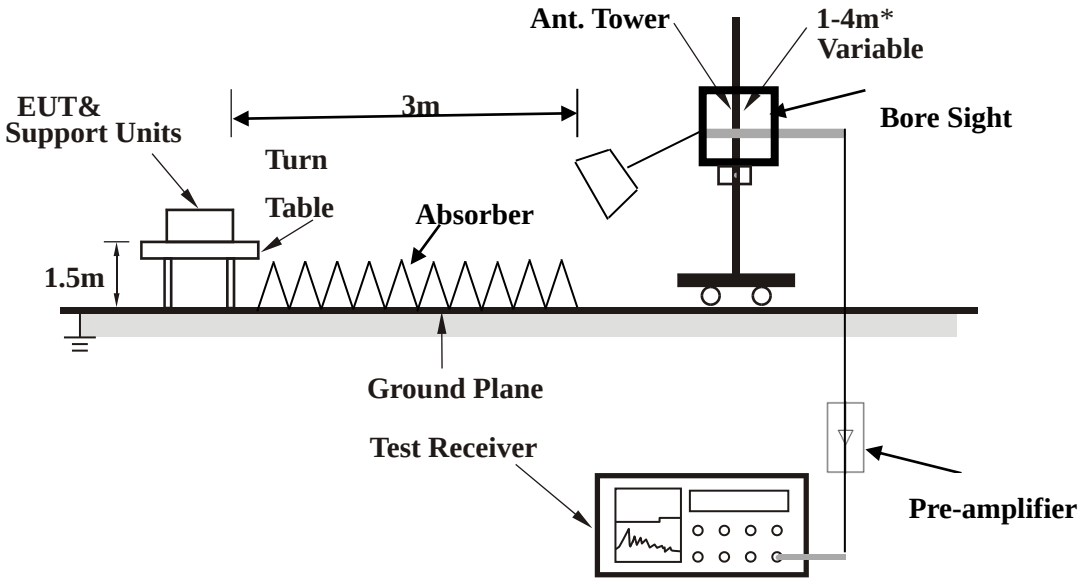
No deviation

3.2.5 TEST SETUP

< Frequency Range 30MHz~1GHz >



<Frequency Range above 1GHz>



Note: Above 1G is a directional antenna

Depends on the EUT height and the antenna 3dB beamwidth both, refer to section 7.3 of CISPR 16-2-3.

For the actual test configuration, please refer to the attached file (Test Setup Photo).

3.2.6 EUT OPERATING CONDITIONS

a. Set the EUT under full load condition and placed them on a testing table.

b. Set the transmitter part of EUT under transmission condition continuously at specific channel frequency.

c. The necessary accessories enable the EUT in full functions.

3.2.7 TEST RESULTS

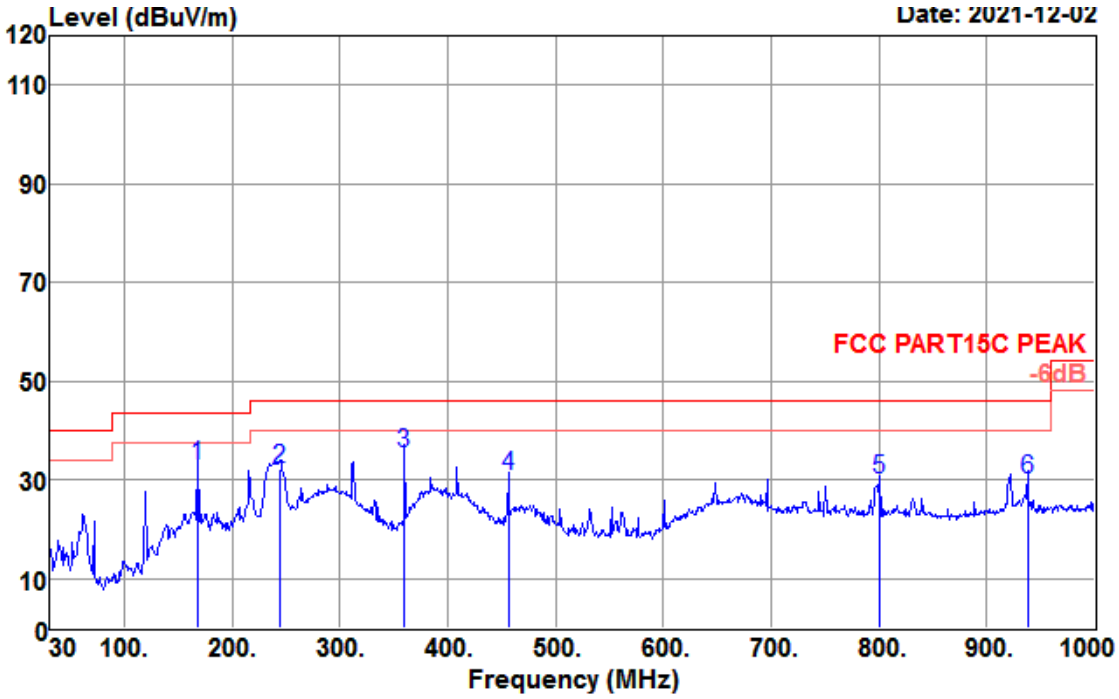
BELOW 1GHz WORST-CASE DATA :

30 MHz – 1GHz data:

802.11ax (40MHz RU484)

CHANNEL	TX Channel 9	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M



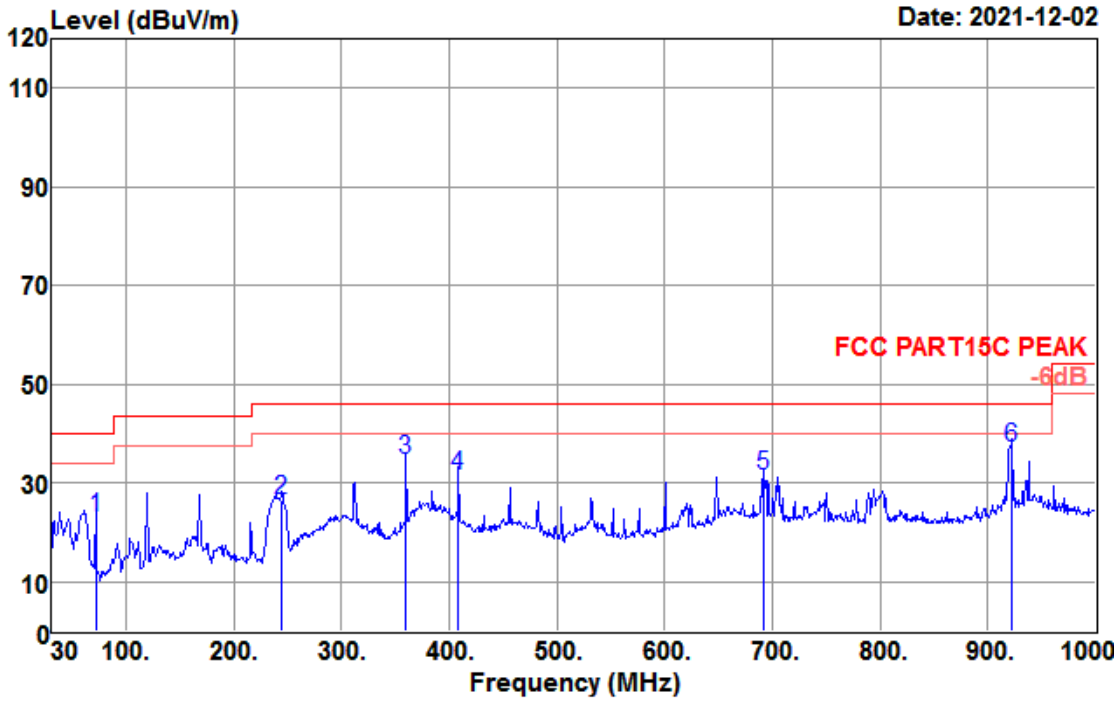
Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
167.740	49.99	13.45	2.22	32.57	33.09	43.50	-10.41	QP
244.370	50.34	11.69	2.74	32.60	32.17	46.00	-13.83	QP
359.800	50.33	14.24	3.34	32.66	35.25	46.00	-10.75	QP
455.830	43.42	16.25	3.75	32.76	30.66	46.00	-15.34	QP
801.150	36.27	21.02	5.17	32.49	29.97	46.00	-16.03	QP
937.920	33.34	22.41	5.76	31.47	30.04	46.00	-15.96	QP

REMARKS:

1. Emission level (dBuV/m) = Read level (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

CHANNEL	TX Channel 9	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M



Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
71.710	42.46	11.61	1.40	32.56	22.91	40.00	-17.09	QP
244.370	44.60	11.69	2.74	32.60	26.43	46.00	-19.57	QP
359.800	49.68	14.24	3.34	32.66	34.60	46.00	-11.40	QP
408.300	45.42	15.17	3.58	32.71	31.46	46.00	-14.54	QP
692.510	39.59	19.71	4.80	32.61	31.49	46.00	-14.51	QP
922.400	40.62	22.31	5.75	31.58	37.10	46.00	-8.90	QP

REMARKS:

1. Emission level (dBuV/m) = Read level (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

ABOVE 1GHz WORST-CASE DATA FOR ANT 1:

Note: For higher frequency, the emission is too low to be detected.

802.11ax (20MHz RU26)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
2310.000	30.22	27.38	4.08	35.68	26.00	54.00	-28.00	Average
2390.000	34.94	27.56	4.16	35.88	30.78	54.00	-23.22	Average
2403.875	103.54	27.59	4.17	35.91	99.39	54.00	45.39	Average
2310.000	43.05	27.38	4.08	35.68	38.83	74.00	-35.17	Peak
2389.500	66.83	27.56	4.16	35.87	62.68	74.00	-11.32	Peak
2390.000	62.69	27.56	4.16	35.88	58.53	74.00	-15.47	Peak
2403.625	115.80	27.59	4.17	35.91	111.65	74.00	37.65	Peak

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
2310.000	30.42	27.38	4.08	35.68	26.20	54.00	-27.80	Average
2390.000	33.80	27.56	4.16	35.88	29.64	54.00	-24.36	Average
2403.500	99.14	27.59	4.17	35.91	94.99	54.00	40.99	Average
2310.000	41.86	27.38	4.08	35.68	37.64	74.00	-36.36	Peak
2389.000	61.28	27.56	4.16	35.87	57.13	74.00	-16.87	Peak
2390.000	57.19	27.56	4.16	35.88	53.03	74.00	-20.97	Peak
2402.875	111.87	27.59	4.17	35.91	107.72	74.00	33.72	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.

CHANNEL	TX Channel 11	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
2470.580	107.02	27.74	4.19	36.08	102.87	54.00	48.87	Average
2483.500	39.43	27.76	4.19	36.11	35.27	54.00	-18.73	Average
2487.380	43.82	27.77	4.19	36.12	39.66	54.00	-14.34	Average
2500.000	30.46	27.80	4.19	36.15	26.30	54.00	-27.70	Average
2471.240	116.34	27.74	4.19	36.08	112.19	74.00	38.19	Peak
2483.500	71.35	27.76	4.19	36.11	67.19	74.00	-6.81	Peak
2484.440	72.72	27.77	4.19	36.11	68.57	74.00	-5.43	Peak
2500.000	42.12	27.80	4.19	36.15	37.96	74.00	-36.04	Peak

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
2470.640	104.17	27.74	4.19	36.08	100.02	54.00	46.02	Average
2483.500	36.48	27.76	4.19	36.11	32.32	54.00	-21.68	Average
2487.080	40.40	27.77	4.19	36.12	36.24	54.00	-17.76	Average
2500.000	30.08	27.80	4.19	36.15	25.92	54.00	-28.08	Average
2470.880	115.76	27.74	4.19	36.08	111.61	74.00	37.61	Peak
2483.500	67.55	27.76	4.19	36.11	63.39	74.00	-10.61	Peak
2500.000	41.45	27.80	4.19	36.15	37.29	74.00	-36.71	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.

802.11ax (20MHz RU242)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
2310.000	31.32	27.38	4.08	35.68	27.10	54.00	-26.90	Average
2390.000	50.66	27.56	4.16	35.88	46.50	54.00	-7.50	Average
2417.000	99.18	27.62	4.17	35.94	95.03	54.00	41.03	Average
2310.000	40.99	27.38	4.08	35.68	36.77	74.00	-37.23	Peak
2389.625	69.39	27.56	4.16	35.87	65.24	74.00	-8.76	Peak
2390.000	68.45	27.56	4.16	35.88	64.29	74.00	-9.71	Peak
2417.500	111.25	27.62	4.17	35.94	107.10	74.00	33.10	Peak

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
2310.000	31.41	27.38	4.08	35.68	27.19	54.00	-26.81	Average
2390.000	43.16	27.56	4.16	35.88	39.00	54.00	-15.00	Average
2419.250	93.61	27.62	4.17	35.95	89.45	54.00	35.45	Average
2310.000	42.78	27.38	4.08	35.68	38.56	74.00	-35.44	Peak
2388.875	63.31	27.56	4.16	35.87	59.16	74.00	-14.84	Peak
2390.000	62.55	27.56	4.16	35.88	58.39	74.00	-15.61	Peak
2419.125	105.37	27.62	4.17	35.95	101.21	74.00	27.21	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.

CHANNEL	TX Channel 11	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2470.520	99.45	27.74	4.19	36.08	95.30	54.00	41.30	Average
2483.500	53.73	27.76	4.19	36.11	49.57	54.00	-4.43	Average
2500.000	31.62	27.80	4.19	36.15	27.46	54.00	-26.54	Average
2467.040	110.73	27.73	4.19	36.07	106.58	74.00	32.58	Peak
2483.500	72.52	27.76	4.19	36.11	68.36	74.00	-5.64	Peak
2483.660	73.85	27.76	4.19	36.11	69.69	74.00	-4.31	Peak
2500.000	42.97	27.80	4.19	36.15	38.81	74.00	-35.19	Peak

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2470.520	94.79	27.74	4.19	36.08	90.64	54.00	36.64	Average
2483.500	48.33	27.76	4.19	36.11	44.17	54.00	-9.83	Average
2500.000	31.30	27.80	4.19	36.15	27.14	54.00	-26.86	Average
2469.260	105.91	27.73	4.19	36.07	101.76	74.00	27.76	Peak
2483.500	68.11	27.76	4.19	36.11	63.95	74.00	-10.05	Peak
2483.720	70.40	27.76	4.19	36.11	66.24	74.00	-7.76	Peak
2500.000	41.45	27.80	4.19	36.15	37.29	74.00	-36.71	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.

802.11ax (40MHz RU26)

CHANNEL	TX Channel 3	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2310.000	30.66	27.38	4.08	35.68	26.44	54.00	-27.56	Average
2390.000	36.92	27.56	4.16	35.88	32.76	54.00	-21.24	Average
2404.100	103.83	27.59	4.17	35.91	99.68	54.00	45.68	Average
2310.000	42.21	27.38	4.08	35.68	37.99	74.00	-36.01	Peak
2388.950	71.75	27.56	4.16	35.87	67.60	74.00	-6.40	Peak
2390.000	70.42	27.56	4.16	35.88	66.26	74.00	-7.74	Peak
2404.250	116.20	27.59	4.17	35.91	112.05	74.00	38.05	Peak

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2310.000	30.59	27.38	4.08	35.68	26.37	54.00	-27.63	Average
2390.000	33.44	27.56	4.16	35.88	29.28	54.00	-24.72	Average
2404.100	98.63	27.59	4.17	35.91	94.48	54.00	40.48	Average
2310.000	43.58	27.38	4.08	35.68	39.36	74.00	-34.64	Peak
2389.700	66.04	27.56	4.16	35.87	61.89	74.00	-12.11	Peak
2390.000	63.10	27.56	4.16	35.88	58.94	74.00	-15.06	Peak
2403.950	111.75	27.59	4.17	35.91	107.60	74.00	33.60	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.

CHANNEL	TX Channel 9	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2469.965	104.10	27.73	4.19	36.07	99.95	54.00	45.95	Average
2483.500	38.20	27.76	4.19	36.11	34.04	54.00	-19.96	Average
2487.985	46.52	27.77	4.19	36.12	42.36	54.00	-11.64	Average
2500.000	29.98	27.80	4.19	36.15	25.82	54.00	-28.18	Average
2469.625	116.12	27.73	4.19	36.07	111.97	74.00	37.97	Peak
2483.500	71.33	27.76	4.19	36.11	67.17	74.00	-6.83	Peak
2500.000	42.33	27.80	4.19	36.15	38.17	74.00	-35.83	Peak

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2470.050	101.71	27.73	4.19	36.08	97.55	54.00	43.55	Average
2483.500	35.05	27.76	4.19	36.11	30.89	54.00	-23.11	Average
2488.070	41.97	27.77	4.19	36.12	37.81	54.00	-16.19	Average
2500.000	30.01	27.80	4.19	36.15	25.85	54.00	-28.15	Average
2469.710	113.50	27.73	4.19	36.07	109.35	74.00	35.35	Peak
2483.500	62.86	27.76	4.19	36.11	58.70	74.00	-15.30	Peak
2483.905	66.56	27.76	4.19	36.11	62.40	74.00	-11.60	Peak
2500.000	41.62	27.80	4.19	36.15	37.46	74.00	-36.54	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.

802.11ax (40MHz RU484)

CHANNEL	TX Channel 3	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
2310.000	31.50	27.38	4.08	35.68	27.28	54.00	-26.72	Average
2390.000	55.15	27.56	4.16	35.88	50.99	54.00	-3.01	Average
2429.600	98.05	27.65	4.18	35.97	93.91	54.00	39.91	Average
2310.050	41.50	27.38	4.08	35.68	37.28	74.00	-36.72	Peak
2389.550	69.98	27.56	4.16	35.87	65.83	74.00	-8.17	Peak
2390.000	67.58	27.56	4.16	35.88	63.42	74.00	-10.58	Peak
2429.150	110.43	27.64	4.18	35.97	106.28	74.00	32.28	Peak

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
2310.000	31.42	27.38	4.08	35.68	27.20	54.00	-26.80	Average
2390.000	45.01	27.56	4.16	35.88	40.85	54.00	-13.15	Average
2426.450	92.93	27.64	4.18	35.97	88.78	54.00	34.78	Average
2310.000	41.41	27.38	4.08	35.68	37.19	74.00	-36.81	Peak
2390.000	58.82	27.56	4.16	35.88	54.66	74.00	-19.34	Peak
2429.300	105.04	27.64	4.18	35.97	100.89	74.00	26.89	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.

CHANNEL	TX Channel 9	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2467.500	95.63	27.73	4.19	36.07	91.48	54.00	37.48	Average
2483.500	51.62	27.76	4.19	36.11	47.46	54.00	-6.54	Average
2484.755	52.86	27.77	4.19	36.11	48.71	54.00	-5.29	Average
2500.000	35.61	27.80	4.19	36.15	31.45	54.00	-22.55	Average
2467.245	107.08	27.73	4.19	36.07	102.93	74.00	28.93	Peak
2483.500	66.26	27.76	4.19	36.11	62.10	74.00	-11.90	Peak
2484.500	72.34	27.77	4.19	36.11	68.19	74.00	-5.81	Peak
2500.000	47.97	27.80	4.19	36.15	43.81	74.00	-30.19	Peak

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2467.670	91.04	27.73	4.19	36.07	86.89	54.00	32.89	Average
2483.500	45.60	27.76	4.19	36.11	41.44	54.00	-12.56	Average
2485.945	46.26	27.77	4.19	36.11	42.11	54.00	-11.89	Average
2500.000	31.13	27.80	4.19	36.15	26.97	54.00	-27.03	Average
2467.245	103.62	27.73	4.19	36.07	99.47	74.00	25.47	Peak
2483.500	64.62	27.76	4.19	36.11	60.46	74.00	-13.54	Peak
2485.350	65.24	27.77	4.19	36.11	61.09	74.00	-12.91	Peak
2500.000	42.18	27.80	4.19	36.15	38.02	74.00	-35.98	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.

ABOVE 1GHz WORST-CASE DATA FOR ANT 0+1:

Note: For higher frequency, the emission is too low to be detected.

802.11ax (20MHz RU26)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
2310.000	30.29	27.38	4.08	35.68	26.07	54.00	-27.93	Average
2390.000	39.66	27.56	4.16	35.88	35.50	54.00	-18.50	Average
2403.875	107.27	27.59	4.17	35.91	103.12	54.00	49.12	Average
2310.000	41.96	27.38	4.08	35.68	37.74	74.00	-36.26	Peak
2390.000	65.67	27.56	4.16	35.88	61.51	74.00	-12.49	Peak
2403.250	116.22	27.59	4.17	35.91	112.07	74.00	38.07	Peak

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
2310.000	30.38	27.38	4.08	35.68	26.16	54.00	-27.84	Average
2390.000	34.48	27.56	4.16	35.88	30.32	54.00	-23.68	Average
2403.625	100.98	27.59	4.17	35.91	96.83	54.00	42.83	Average
2310.000	42.51	27.38	4.08	35.68	38.29	74.00	-35.71	Peak
2390.000	53.02	27.56	4.16	35.88	48.86	74.00	-25.14	Peak
2403.875	112.91	27.59	4.17	35.91	108.76	74.00	34.76	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.

CHANNEL	TX Channel 11	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2470.220	104.06	27.73	4.19	36.08	99.90	54.00	45.90	Average
2483.500	40.99	27.76	4.19	36.11	36.83	54.00	-17.17	Average
2486.840	44.00	27.77	4.19	36.12	39.84	54.00	-14.16	Average
2500.000	30.05	27.80	4.19	36.15	25.89	54.00	-28.11	Average
2470.100	115.62	27.73	4.19	36.08	111.46	74.00	37.46	Peak
2483.500	72.27	27.76	4.19	36.11	68.11	74.00	-5.89	Peak
2500.000	42.37	27.80	4.19	36.15	38.21	74.00	-35.79	Peak

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2470.400	103.45	27.73	4.19	36.08	99.29	54.00	45.29	Average
2483.500	39.92	27.76	4.19	36.11	35.76	54.00	-18.24	Average
2487.020	42.35	27.77	4.19	36.12	38.19	54.00	-15.81	Average
2500.000	31.09	27.80	4.19	36.15	26.93	54.00	-27.07	Average
2470.640	114.82	27.74	4.19	36.08	110.67	74.00	36.67	Peak
2483.500	73.33	27.76	4.19	36.11	69.17	74.00	-4.83	Peak
2500.000	41.68	27.80	4.19	36.15	37.52	74.00	-36.48	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.

802.11ax (20MHz RU242)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
2310.000	31.19	27.38	4.08	35.68	26.97	54.00	-27.03	Average
2390.000	52.42	27.56	4.16	35.88	48.26	54.00	-5.74	Average
2419.125	100.43	27.62	4.17	35.95	96.27	54.00	42.27	Average
2310.000	43.44	27.38	4.08	35.68	39.22	74.00	-34.78	Peak
2389.375	70.37	27.56	4.16	35.87	66.22	74.00	-7.78	Peak
2390.000	67.63	27.56	4.16	35.88	63.47	74.00	-10.53	Peak
2417.000	111.36	27.62	4.17	35.94	107.21	74.00	33.21	Peak

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Freq	Reading level	Antenna factor	Cable loss	Preamp factor	level	Limit level	Over limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
2310.000	31.65	27.38	4.08	35.68	27.43	54.00	-26.57	Average
2390.000	42.20	27.56	4.16	35.88	38.04	54.00	-15.96	Average
2408.625	91.98	27.60	4.17	35.92	87.83	54.00	33.83	Average
2310.000	42.06	27.38	4.08	35.68	37.84	74.00	-36.16	Peak
2390.000	61.38	27.56	4.16	35.88	57.22	74.00	-16.78	Peak
2420.750	106.47	27.63	4.18	35.95	102.33	74.00	28.33	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.

CHANNEL	TX Channel 11	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2462.840	95.07	27.72	4.19	36.06	90.92	54.00	36.92	Average
2483.500	53.98	27.76	4.19	36.11	49.82	54.00	-4.18	Average
2500.000	31.60	27.80	4.19	36.15	27.44	54.00	-26.56	Average
2467.400	105.96	27.73	4.19	36.07	101.81	74.00	27.81	Peak
2483.500	69.98	27.76	4.19	36.11	65.82	74.00	-8.18	Peak
2484.200	72.98	27.77	4.19	36.11	68.83	74.00	-5.17	Peak
2500.000	40.46	27.80	4.19	36.15	36.30	74.00	-37.70	Peak

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2469.620	96.16	27.73	4.19	36.07	92.01	54.00	38.01	Average
2483.500	53.46	27.76	4.19	36.11	49.30	54.00	-4.70	Average
2500.000	31.21	27.80	4.19	36.15	27.05	54.00	-26.95	Average
2467.160	106.37	27.73	4.19	36.07	102.22	74.00	28.22	Peak
2483.500	69.61	27.76	4.19	36.11	65.45	74.00	-8.55	Peak
2483.660	72.66	27.76	4.19	36.11	68.50	74.00	-5.50	Peak
2500.000	41.34	27.80	4.19	36.15	37.18	74.00	-36.82	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.

802.11ax (40MHz RU26)

CHANNEL	TX Channel 3	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2310.000	30.60	27.38	4.08	35.68	26.38	54.00	-27.62	Average
2386.400	41.34	27.55	4.16	35.87	37.18	54.00	-16.82	Average
2390.000	40.49	27.56	4.16	35.88	36.33	54.00	-17.67	Average
2404.100	107.01	27.59	4.17	35.91	102.86	54.00	48.86	Average
2310.000	42.38	27.38	4.08	35.68	38.16	74.00	-35.84	Peak
2388.950	72.36	27.56	4.16	35.87	68.21	74.00	-5.79	Peak
2390.000	69.67	27.56	4.16	35.88	65.51	74.00	-8.49	Peak
2404.100	116.22	27.59	4.17	35.91	112.07	74.00	38.07	Peak

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2310.000	30.43	27.38	4.08	35.68	26.21	54.00	-27.79	Average
2385.950	35.92	27.55	4.16	35.86	31.77	54.00	-22.23	Average
2390.000	34.98	27.56	4.16	35.88	30.82	54.00	-23.18	Average
2404.400	100.65	27.59	4.17	35.91	96.50	54.00	42.50	Average
2310.000	41.81	27.38	4.08	35.68	37.59	74.00	-36.41	Peak
2390.000	63.02	27.56	4.16	35.88	58.86	74.00	-15.14	Peak
2403.950	112.32	27.59	4.17	35.91	108.17	74.00	34.17	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.

CHANNEL	TX Channel 9	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2469.880	106.76	27.73	4.19	36.07	102.61	54.00	48.61	Average
2483.500	40.93	27.76	4.19	36.11	36.77	54.00	-17.23	Average
2487.390	46.82	27.77	4.19	36.12	42.66	54.00	-11.34	Average
2500.000	30.20	27.80	4.19	36.15	26.04	54.00	-27.96	Average
2469.795	116.33	27.73	4.19	36.07	112.18	74.00	38.18	Peak
2483.500	69.31	27.76	4.19	36.11	65.15	74.00	-8.85	Peak
2483.565	72.35	27.76	4.19	36.11	68.19	74.00	-5.81	Peak
2500.000	41.82	27.80	4.19	36.15	37.66	74.00	-36.34	Peak

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2470.050	102.49	27.73	4.19	36.08	98.33	54.00	44.33	Average
2483.500	38.26	27.76	4.19	36.11	34.10	54.00	-19.90	Average
2487.900	43.46	27.77	4.19	36.12	39.30	54.00	-14.70	Average
2500.000	30.13	27.80	4.19	36.15	25.97	54.00	-28.03	Average
2470.135	114.14	27.73	4.19	36.08	109.98	74.00	35.98	Peak
2483.500	66.97	27.76	4.19	36.11	62.81	74.00	-11.19	Peak
2483.735	73.68	27.76	4.19	36.11	69.52	74.00	-4.48	Peak
2500.000	43.08	27.80	4.19	36.15	38.92	74.00	-35.08	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.

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CHANNEL	TX Channel 3	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2310.000	31.06	27.38	4.08	35.68	26.84	54.00	-27.16	Average
2390.000	55.89	27.56	4.16	35.88	51.73	54.00	-2.27	Average
2418.350	97.78	27.62	4.17	35.95	93.62	54.00	39.62	Average
2310.000	41.21	27.38	4.08	35.68	36.99	74.00	-37.01	Peak
2386.400	69.08	27.55	4.16	35.87	64.92	74.00	-9.08	Peak
2390.000	67.65	27.56	4.16	35.88	63.49	74.00	-10.51	Peak
2427.050	108.81	27.64	4.18	35.97	104.66	74.00	30.66	Peak

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2310.000	31.74	27.38	4.08	35.68	27.52	54.00	-26.48	Average
2390.000	45.50	27.56	4.16	35.88	41.34	54.00	-12.66	Average
2427.350	92.61	27.64	4.18	35.97	88.46	54.00	34.46	Average
2310.000	42.14	27.38	4.08	35.68	37.92	74.00	-36.08	Peak
2390.000	57.46	27.56	4.16	35.88	53.30	74.00	-20.70	Peak
2429.600	103.83	27.65	4.18	35.97	99.69	74.00	25.69	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.

CHANNEL	TX Channel 9	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2474.385	94.90	27.74	4.19	36.09	90.74	54.00	36.74	Average
2483.500	55.66	27.76	4.19	36.11	51.50	54.00	-2.50	Average
2484.585	55.95	27.77	4.19	36.11	51.80	54.00	-2.20	Average
2500.000	36.50	27.80	4.19	36.15	32.34	54.00	-21.66	Average
2472.090	107.06	27.74	4.19	36.08	102.91	74.00	28.91	Peak
2483.500	71.63	27.76	4.19	36.11	67.47	74.00	-6.53	Peak
2500.000	49.89	27.80	4.19	36.15	45.73	74.00	-28.27	Peak

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Freq MHz	Reading level dBuV	Antenna factor dB/m	Cable loss dB	Preamp factor dB	level dBuV/m	Limit level dBuV/m	Over limit dB	Remark
2472.175	89.54	27.74	4.19	36.08	85.39	54.00	31.39	Average
2483.500	52.29	27.76	4.19	36.11	48.13	54.00	-5.87	Average
2484.075	53.01	27.76	4.19	36.11	48.85	54.00	-5.15	Average
2500.000	31.51	27.80	4.19	36.15	27.35	54.00	-26.65	Average
2472.345	100.32	27.74	4.19	36.08	96.17	74.00	22.17	Peak
2483.500	67.30	27.76	4.19	36.11	63.14	74.00	-10.86	Peak
2484.840	68.87	27.77	4.19	36.11	64.72	74.00	-9.28	Peak
2500.000	41.66	27.80	4.19	36.15	37.50	74.00	-36.50	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.

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	Apr. 07,21	Apr. 06,22
EXA Signal Analyzer	KEYSIGHT	N9010A-526	MY54510322	Feb. 25,21	Feb. 24,22
EXA Signal Analyzer	KEYSIGHT	N9010A-544	MY54510355	Jun. 03,21	Jun. 02,22
Power Sensor	ANRITSU	MA2411B	1339352	Feb. 25,21	Feb. 24,22
DC Source	Kikusui/JP	PMX18-5A	0000001	Aug. 25,21	Aug. 26,22
DC Source	Kikusui/JP	PMX18-5A	0000001	Aug. 26,21	Aug. 25,22

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.

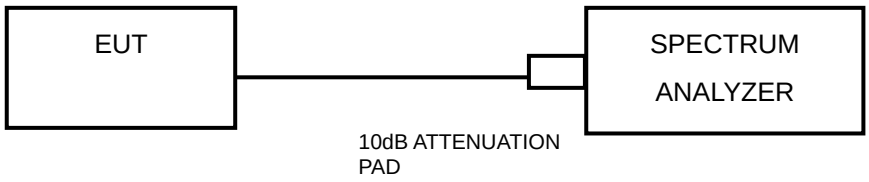
3.3.3 TEST PROCEDURE

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

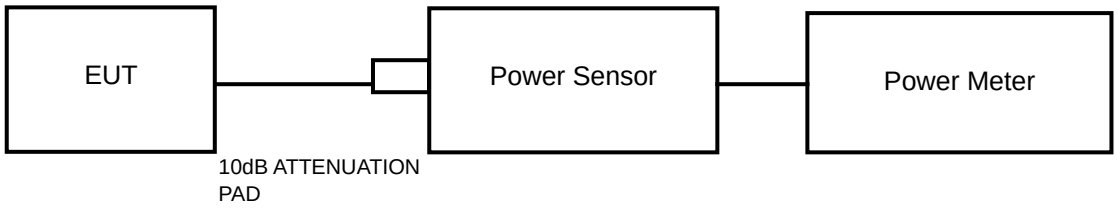
Please refer to APPENDIX

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

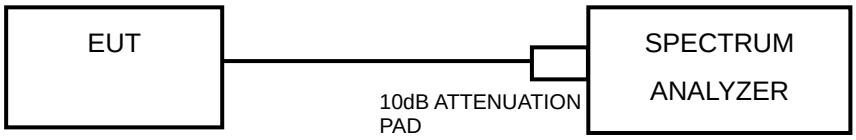
The test result for pass,Please refer to APPENDIX

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

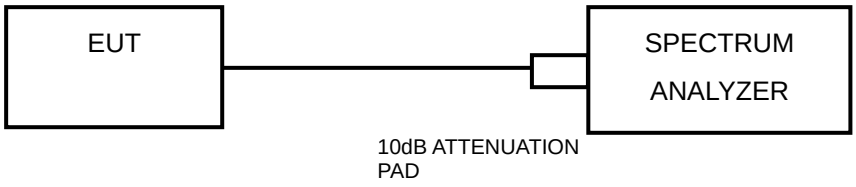
Please refer to APPENDIX

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 APPENDIX

4 PHOTOGRAPHS OF THE TEST CONFIGURATION

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

5 APPENDIX

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Appendix A:

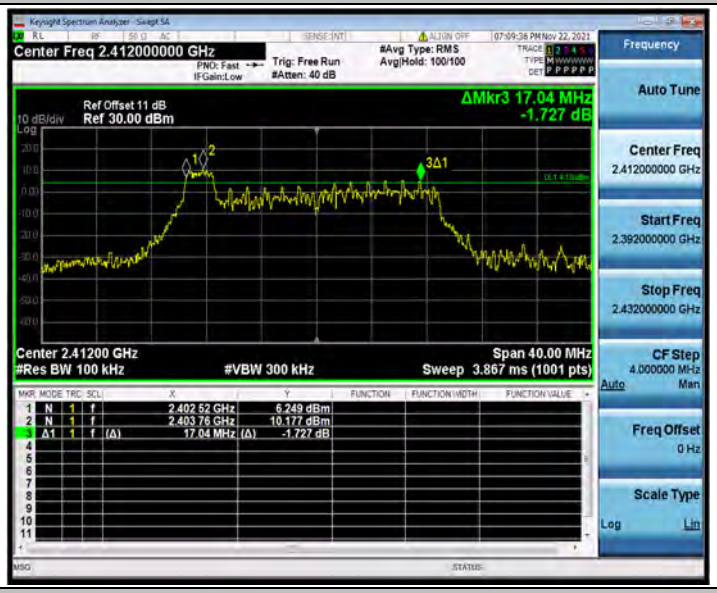
DTS Bandwidth

Test Result

TestMode	Antenna	Channel	RuSize	RuIndex	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11AX20S ISO	Ant1	2412	26Tone	RU0	17.040	2402.520	2419.560	0.5	PASS
				RU4	2.600	2410.720	2413.320	0.5	PASS
				RU8	2.040	2419.440	2421.480	0.5	PASS
			242Tone	RU61	15.880	2405.600	2421.480	0.5	PASS
	Ant2	2412	26Tone	RU0	17.080	2402.480	2419.560	0.5	PASS
				RU4	2.680	2410.680	2413.360	0.5	PASS
				RU8	2.080	2419.440	2421.520	0.5	PASS
			242Tone	RU61	18.800	2402.720	2421.520	0.5	PASS
	Ant1	2437	26Tone	RU0	2.040	2427.520	2429.560	0.5	PASS
				RU4	2.640	2435.680	2438.320	0.5	PASS
				RU8	2.080	2444.440	2446.520	0.5	PASS
			242Tone	RU61	19.000	2427.440	2446.440	0.5	PASS
	Ant2	2437	26Tone	RU0	2.080	2427.480	2429.560	0.5	PASS
				RU4	2.640	2435.680	2438.320	0.5	PASS
				RU8	2.040	2444.440	2446.480	0.5	PASS
			242Tone	RU61	18.960	2427.520	2446.480	0.5	PASS
	Ant1	2462	26Tone	RU0	10.840	2452.480	2463.320	0.5	PASS
				RU4	2.640	2460.680	2463.320	0.5	PASS
				RU8	2.040	2469.440	2471.480	0.5	PASS
			242Tone	RU61	18.800	2452.600	2471.400	0.5	PASS
	Ant2	2462	26Tone	RU0	2.000	2452.560	2454.560	0.5	PASS
				RU4	2.680	2460.680	2463.360	0.5	PASS
				RU8	2.040	2469.440	2471.480	0.5	PASS
			242Tone	RU61	17.680	2453.840	2471.520	0.5	PASS
11AX40S ISO	Ant1	2422	26Tone	RU0	17.520	2402.960	2420.480	0.5	PASS
				RU8	2.000	2419.680	2421.680	0.5	PASS
				RU17	16.480	2424.480	2440.960	0.5	PASS
			484Tone	RU65	35.040	2404.480	2439.520	0.5	PASS
	Ant2	2422	26Tone	RU0	16.480	2403.040	2419.520	0.5	PASS
				RU8	2.080	2419.680	2421.760	0.5	PASS
				RU17	16.480	2424.480	2440.960	0.5	PASS
			484Tone	RU65	36.240	2404.320	2440.560	0.5	PASS
	Ant1	2437	26Tone	RU0	2.000	2418.040	2420.040	0.5	PASS
				RU8	17.200	2419.480	2436.680	0.5	PASS
				RU17	2.000	2453.960	2455.960	0.5	PASS
			484Tone	RU65	37.920	2418.120	2456.040	0.5	PASS
	Ant2	2437	26Tone	RU0	2.000	2418.040	2420.040	0.5	PASS
				RU8	2.000	2434.680	2436.680	0.5	PASS
				RU17	2.000	2453.960	2455.960	0.5	PASS

			484Tone	RU65	37.600	2418.120	2455.720	0.5	PASS
	Ant1	2452	26Tone	RU0	2.000	2433.040	2435.040	0.5	PASS
				RU8	2.000	2449.680	2451.680	0.5	PASS
				RU17	2.000	2468.960	2470.960	0.5	PASS
			484Tone	RU65	34.880	2435.680	2470.560	0.5	PASS
	Ant2	2452	26Tone	RU0	2.000	2433.040	2435.040	0.5	PASS
				RU8	2.000	2449.680	2451.680	0.5	PASS
				RU17	2.000	2468.960	2470.960	0.5	PASS
			484Tone	RU65	37.120	2433.840	2470.960	0.5	PASS

Test Graphs

11AX20SISO_Ant1_2412_26Tone_RU0

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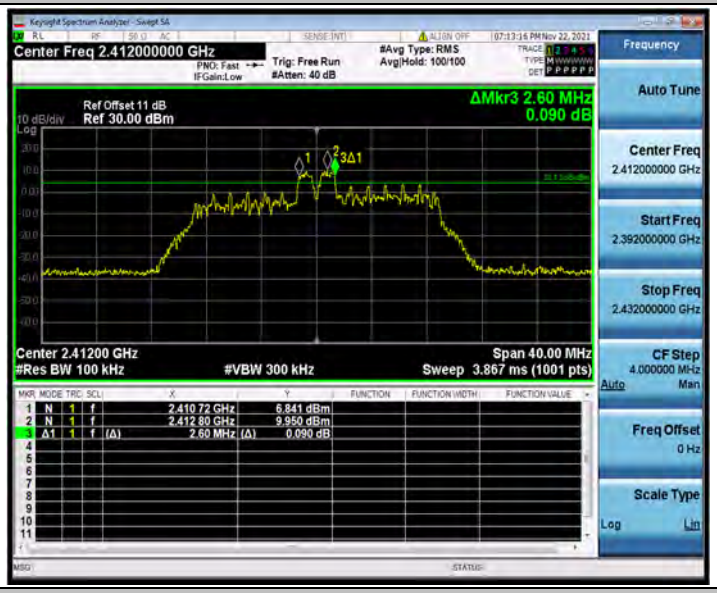
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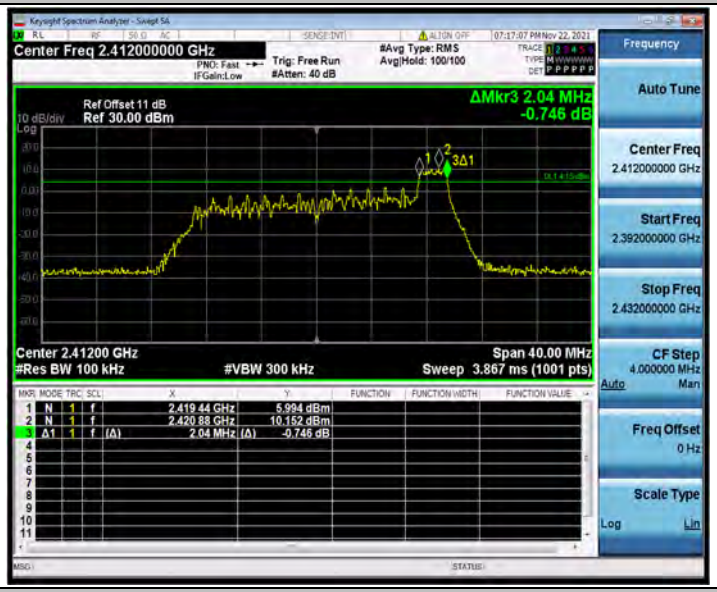
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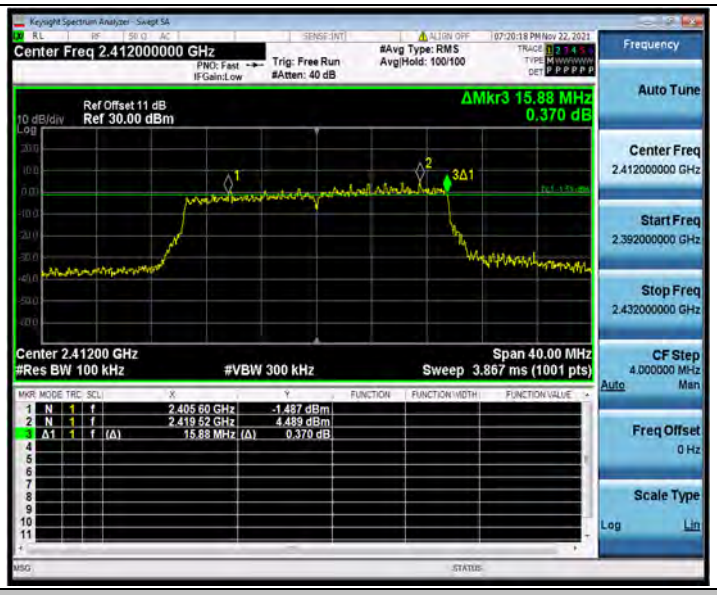

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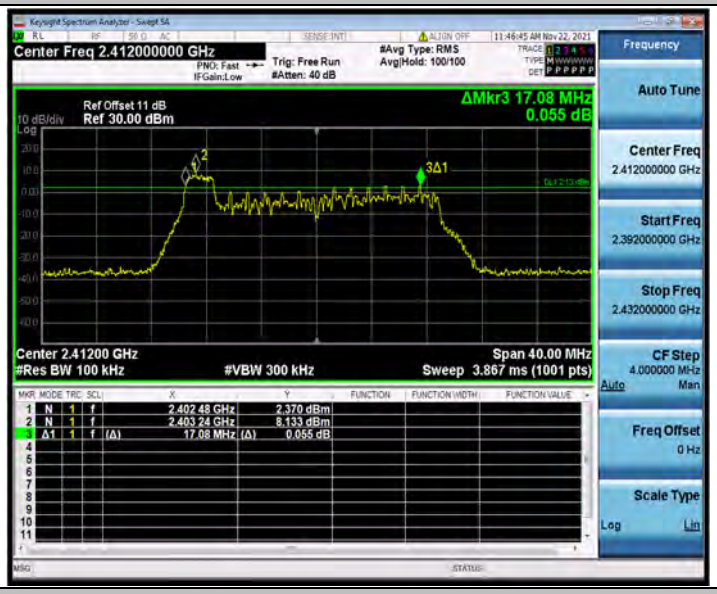

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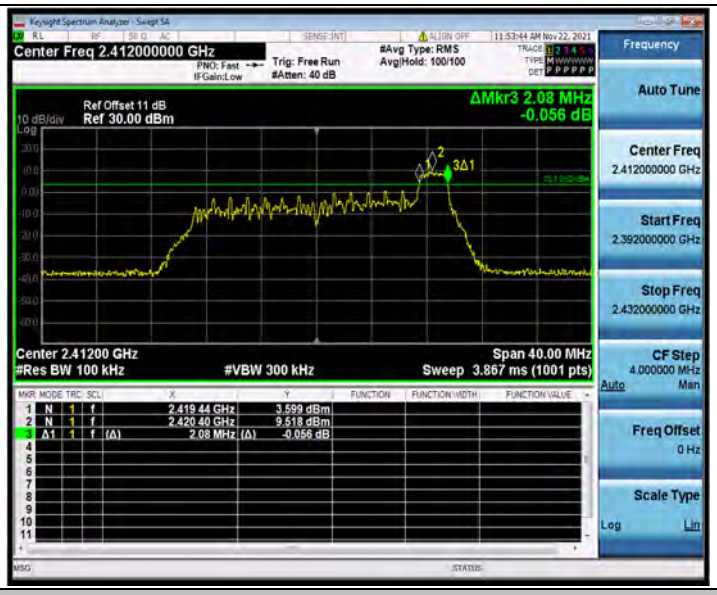

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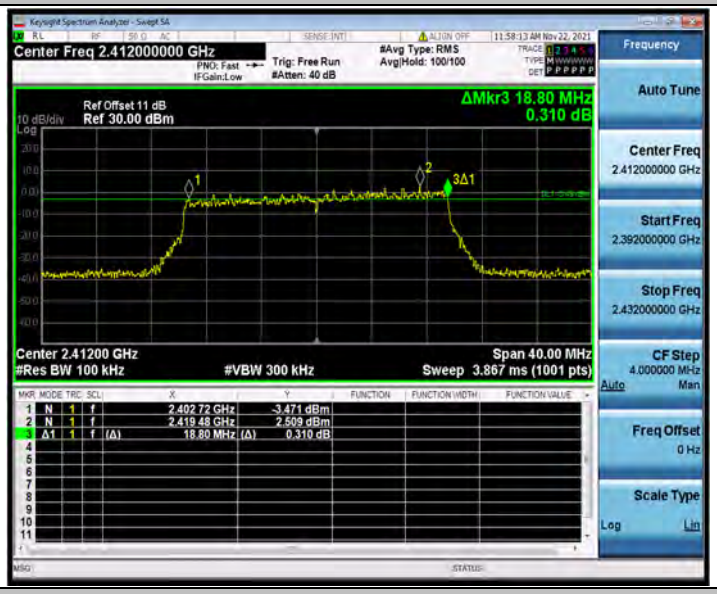

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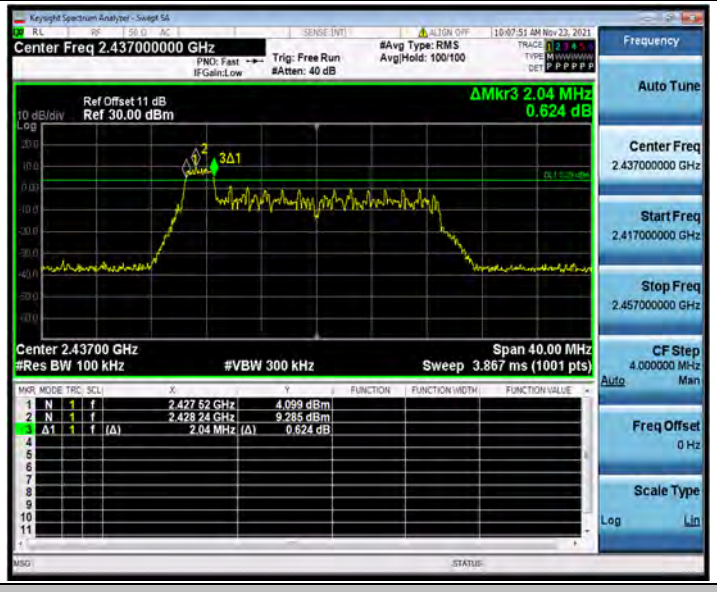

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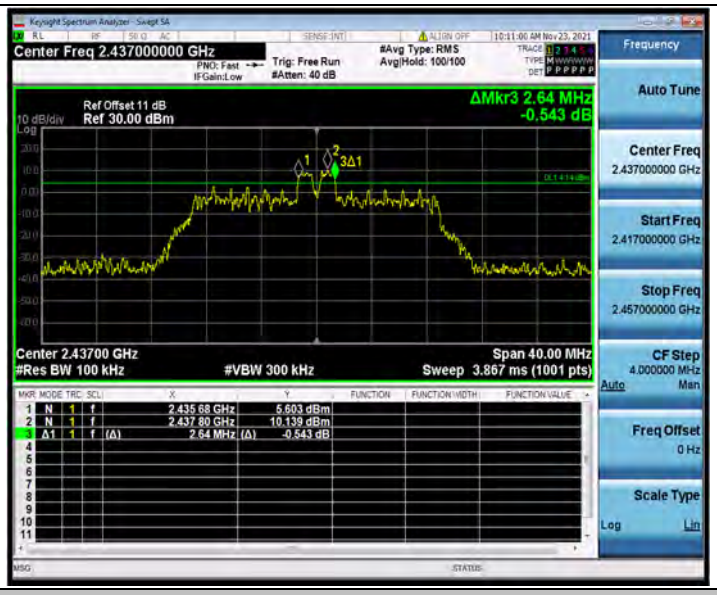

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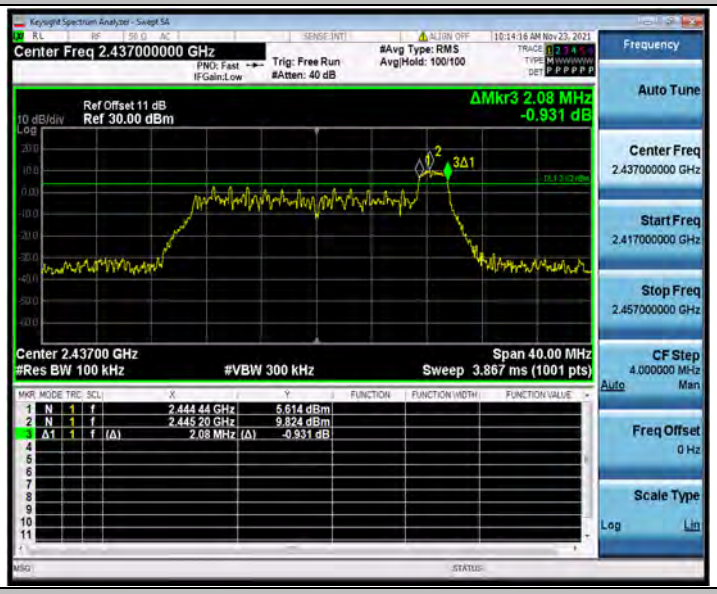

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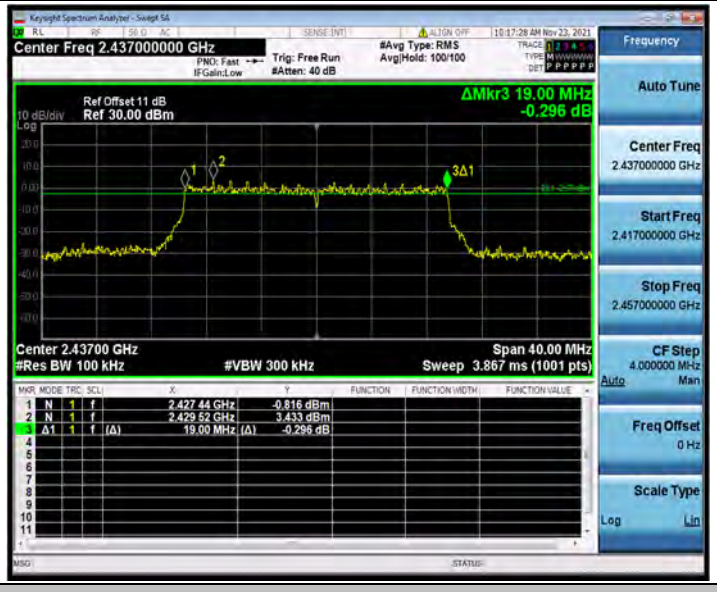

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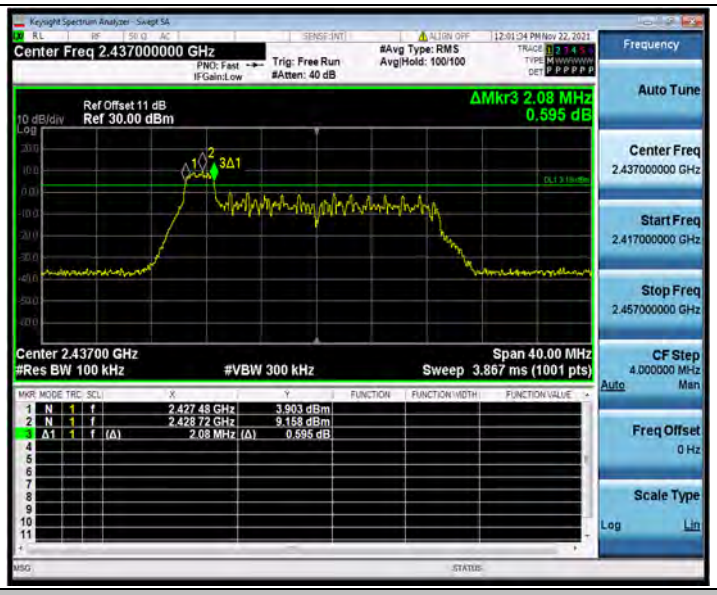

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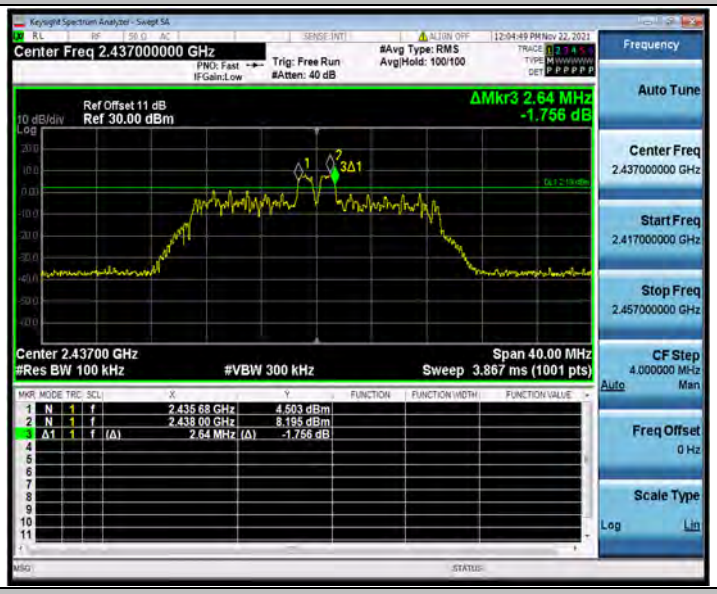

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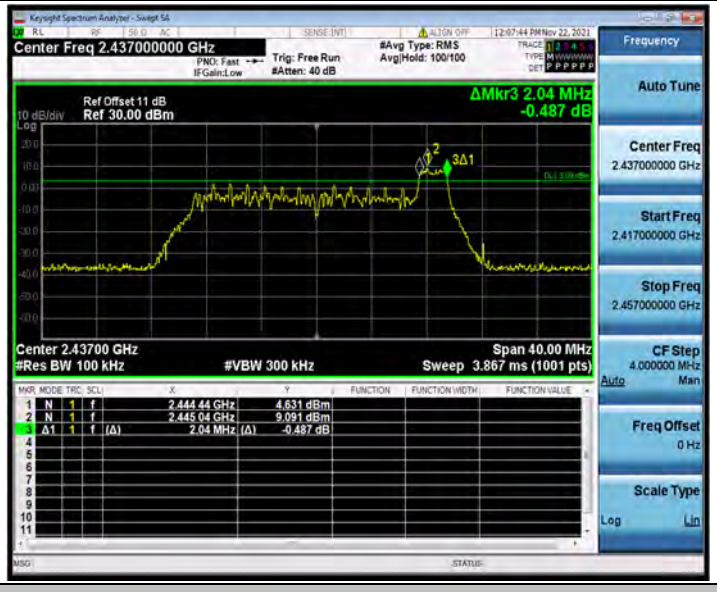

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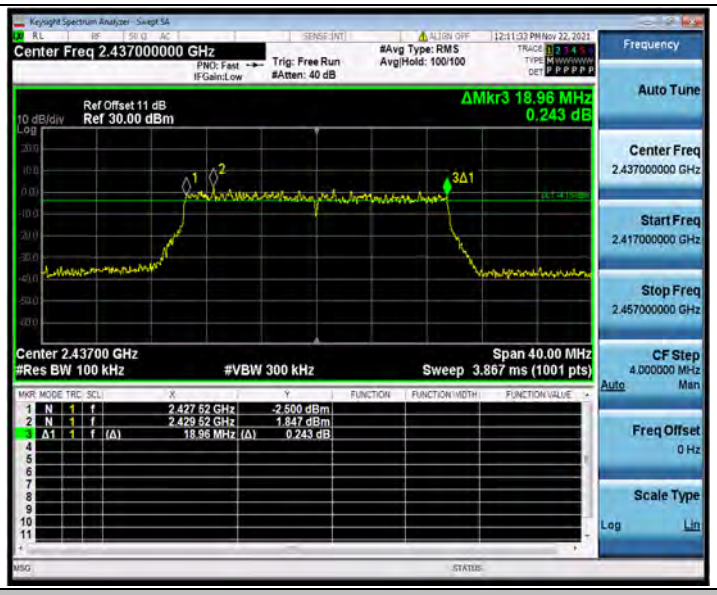

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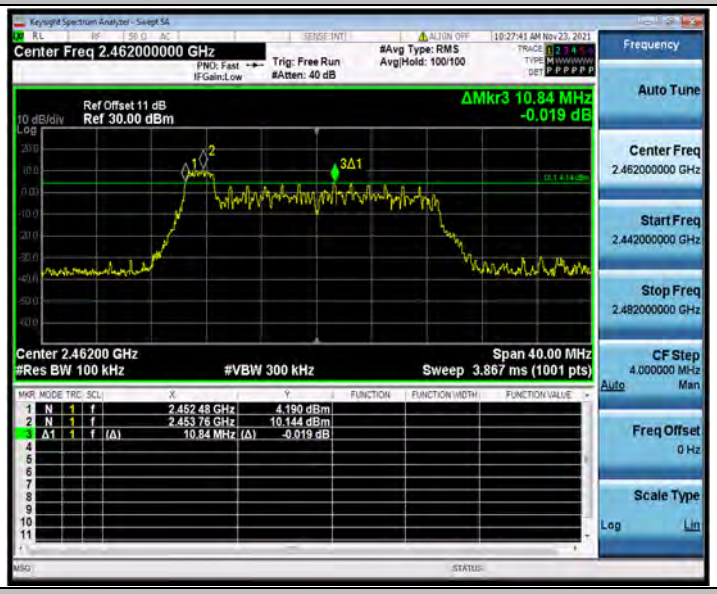

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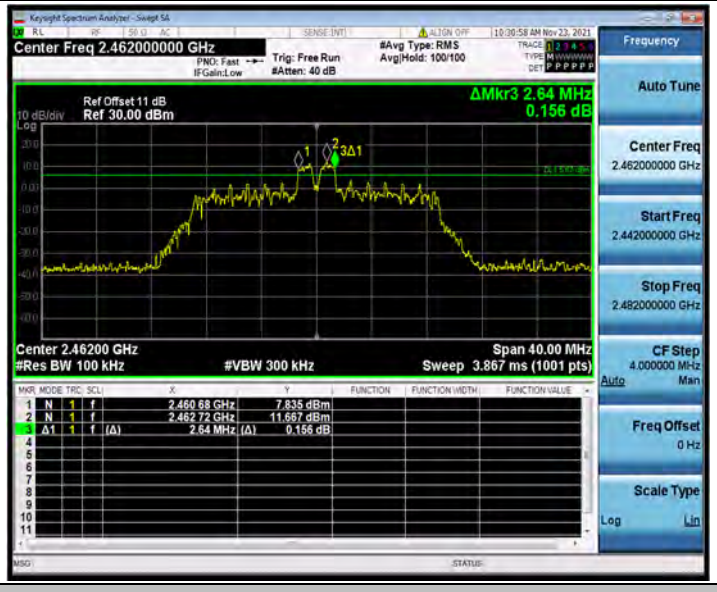

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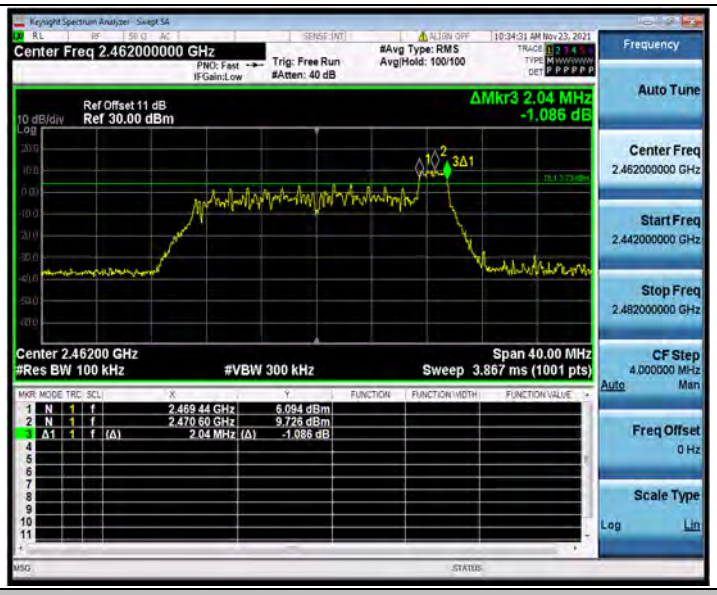

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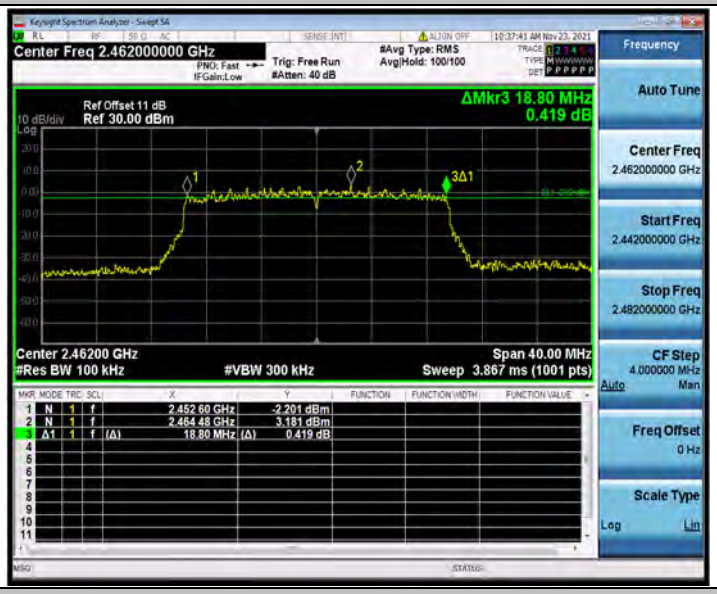

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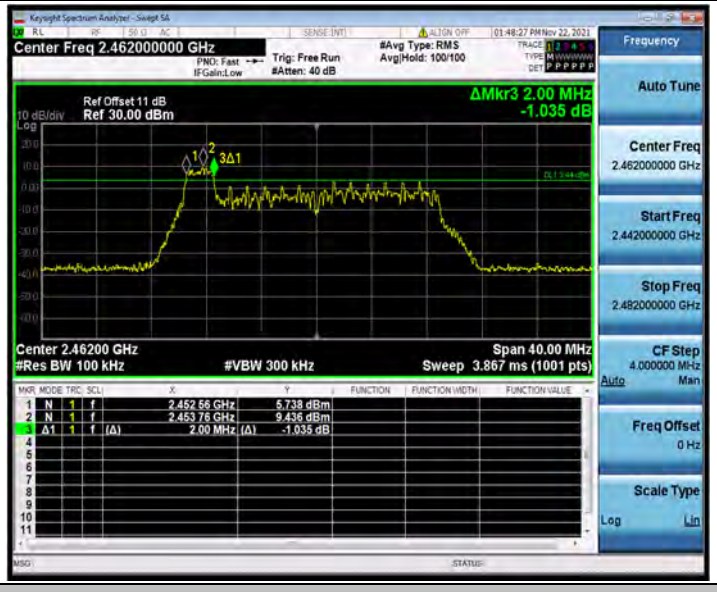

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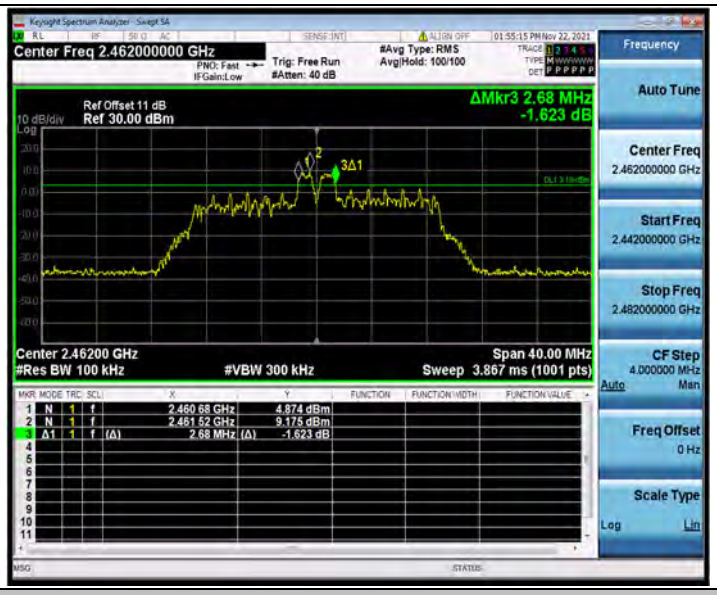

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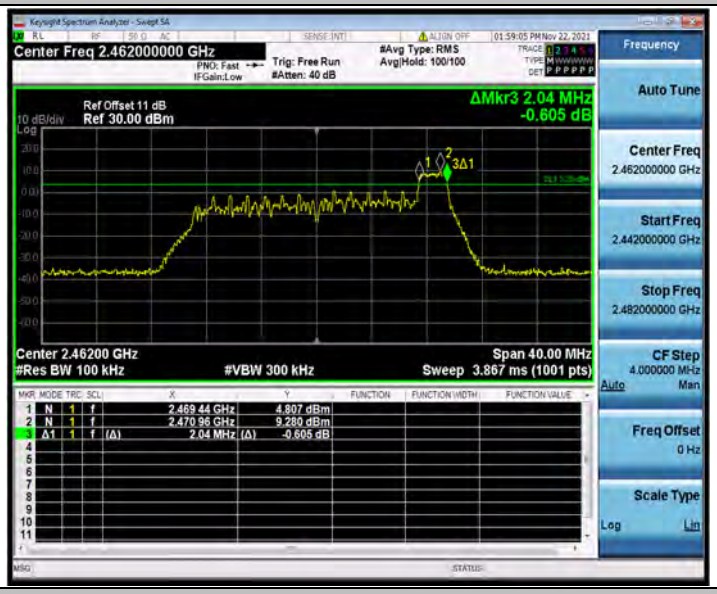

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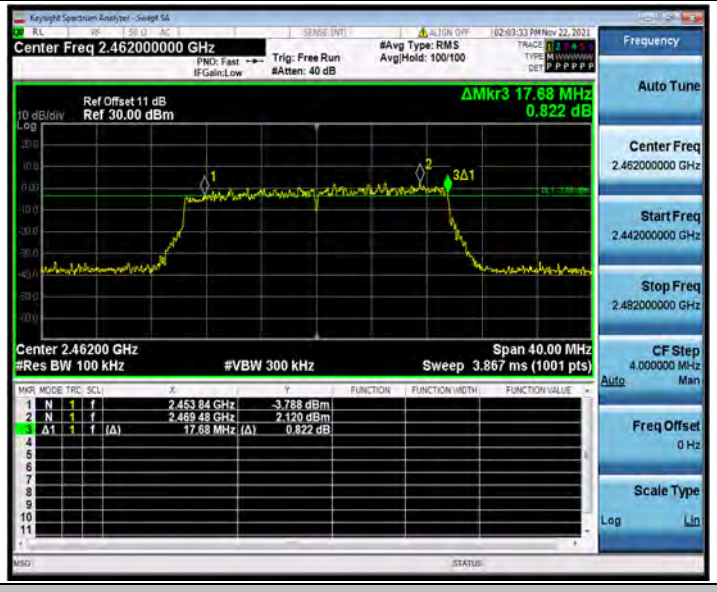

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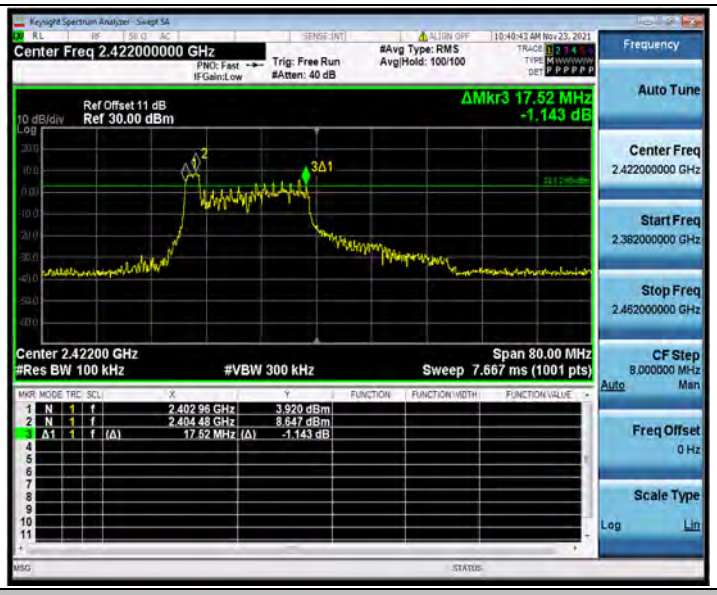

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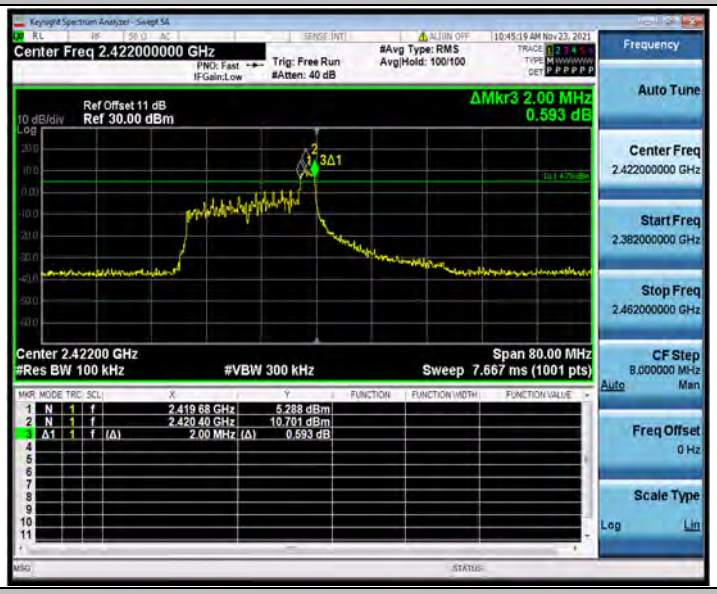

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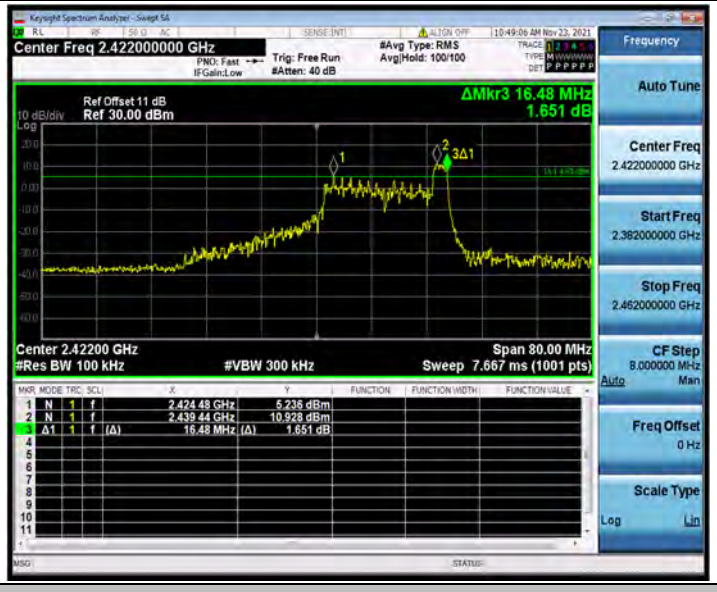

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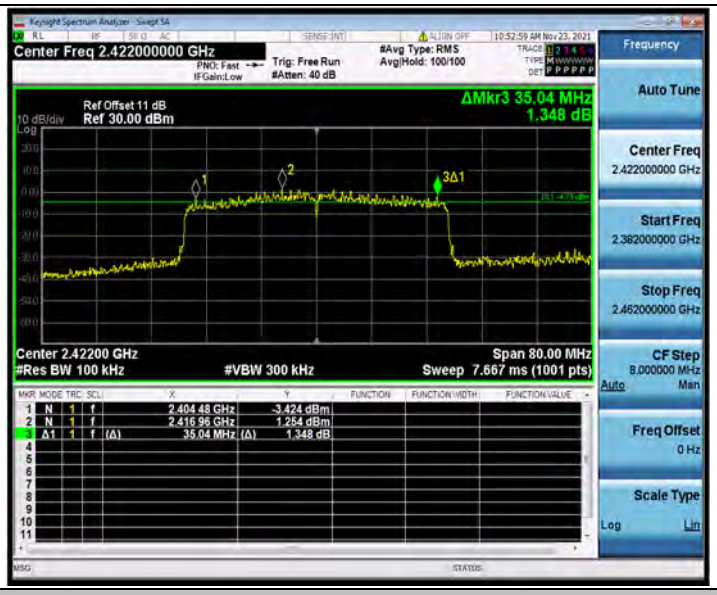

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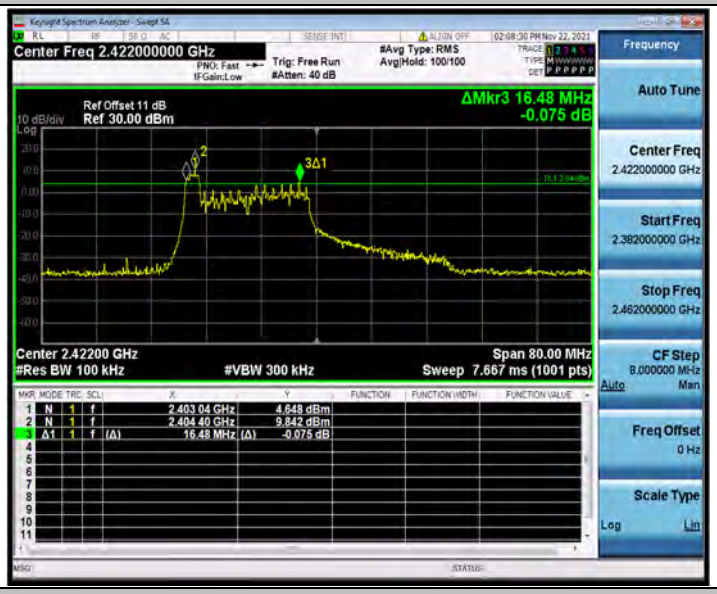

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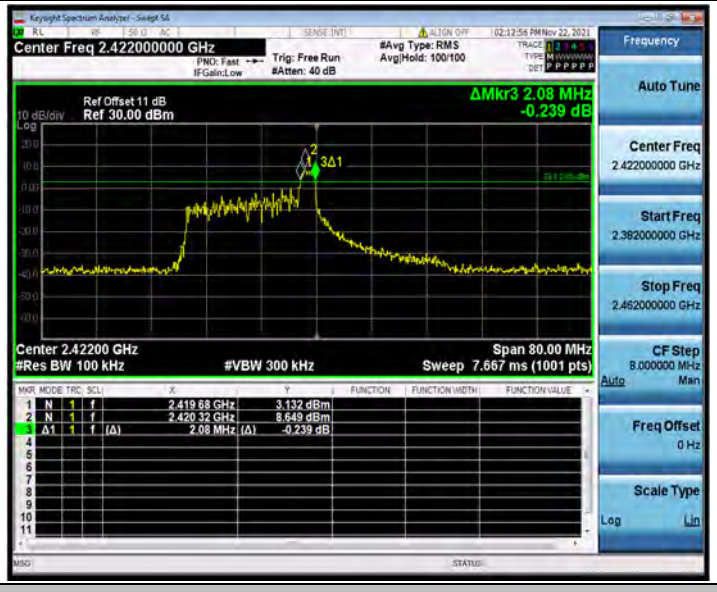

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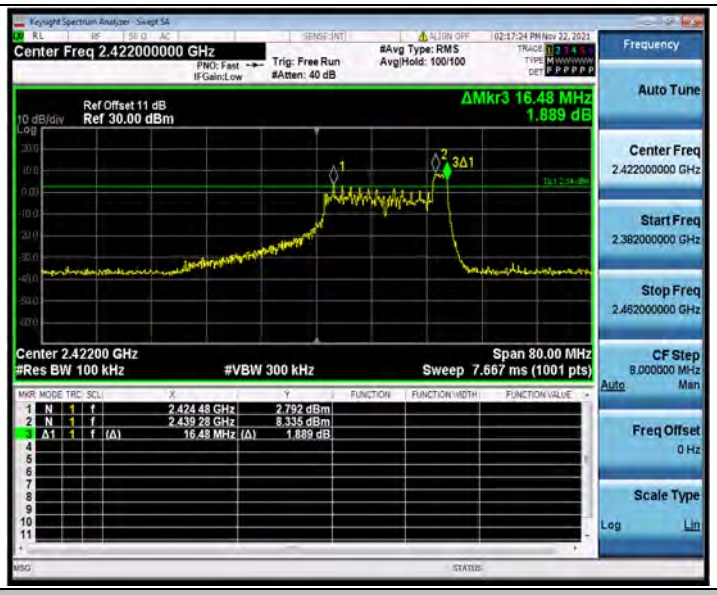

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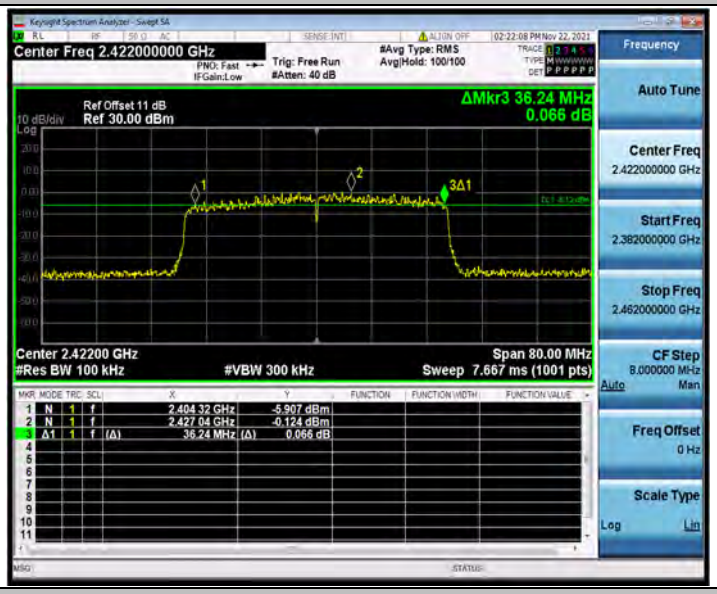

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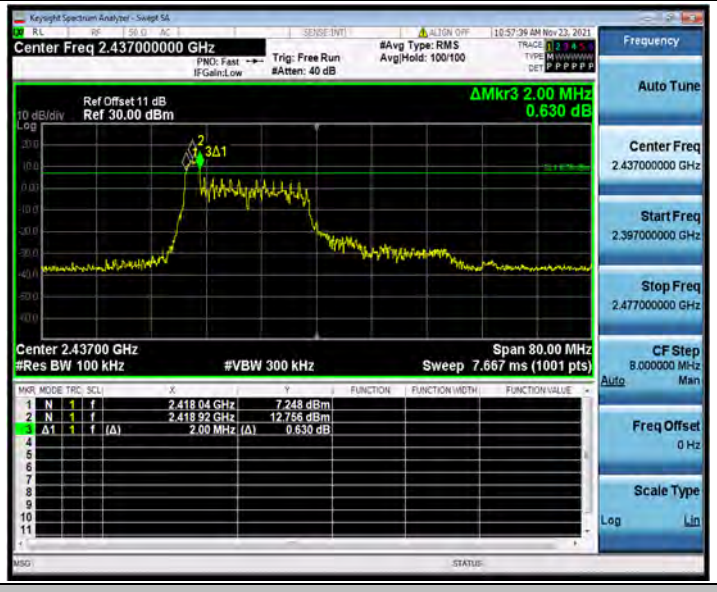

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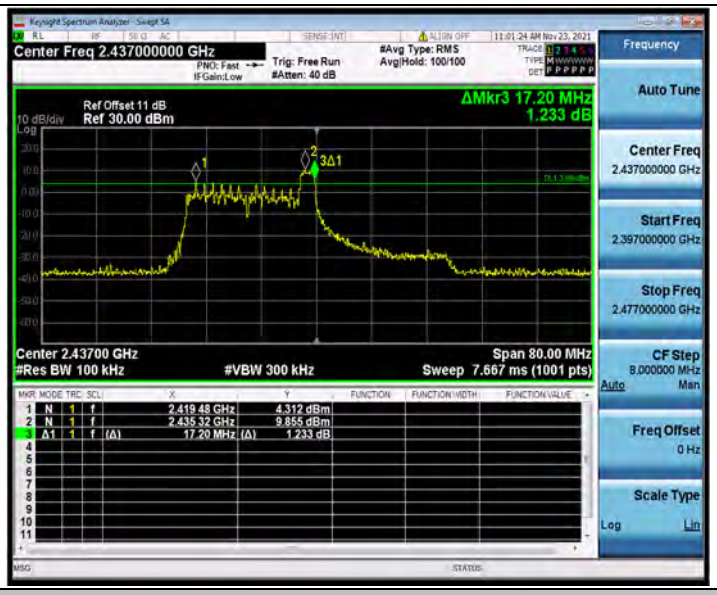

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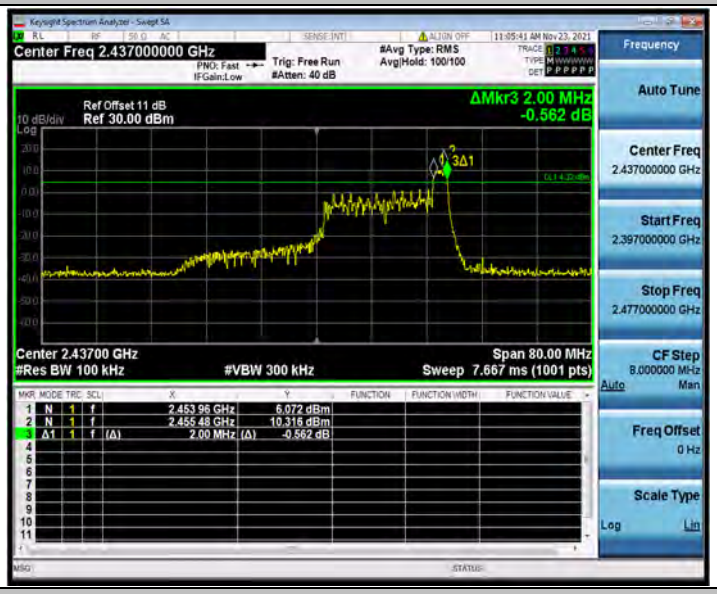

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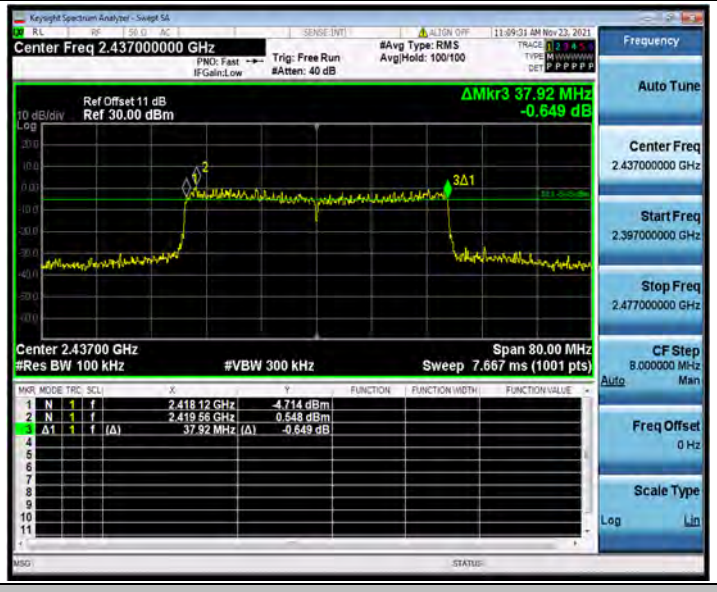

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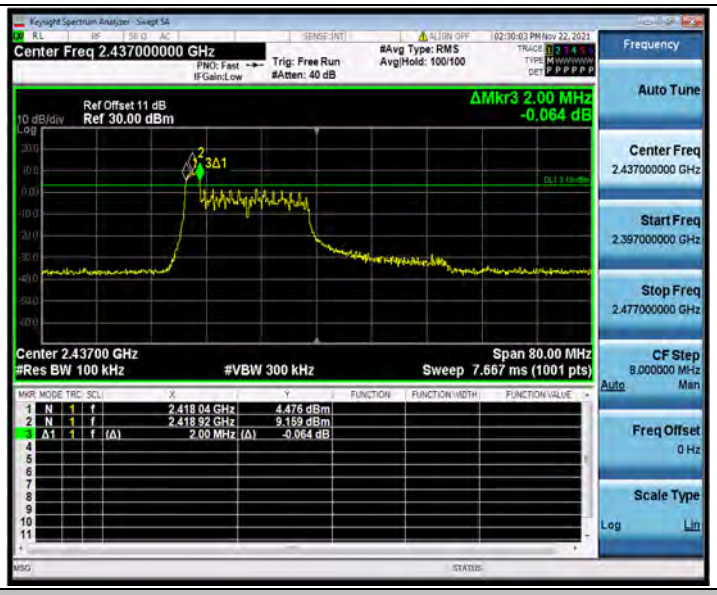

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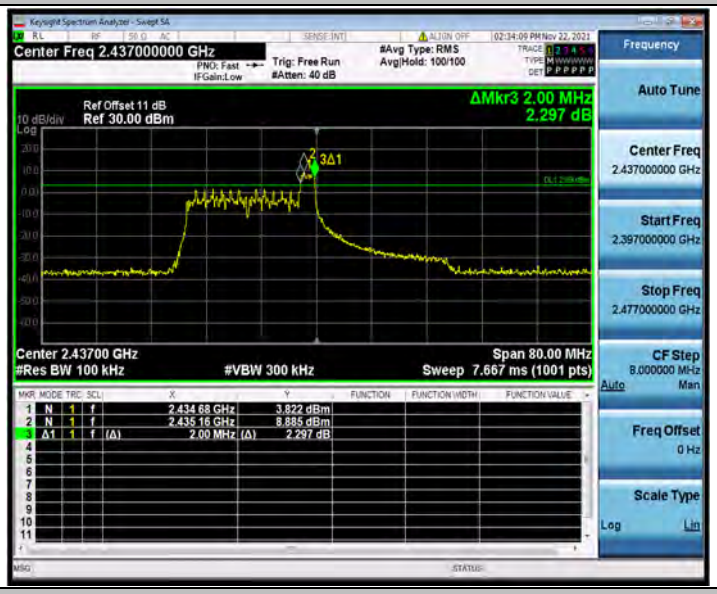

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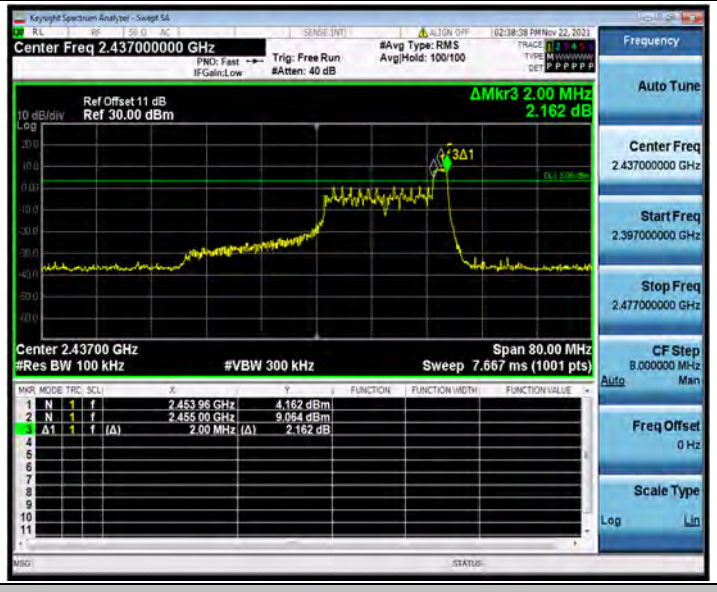

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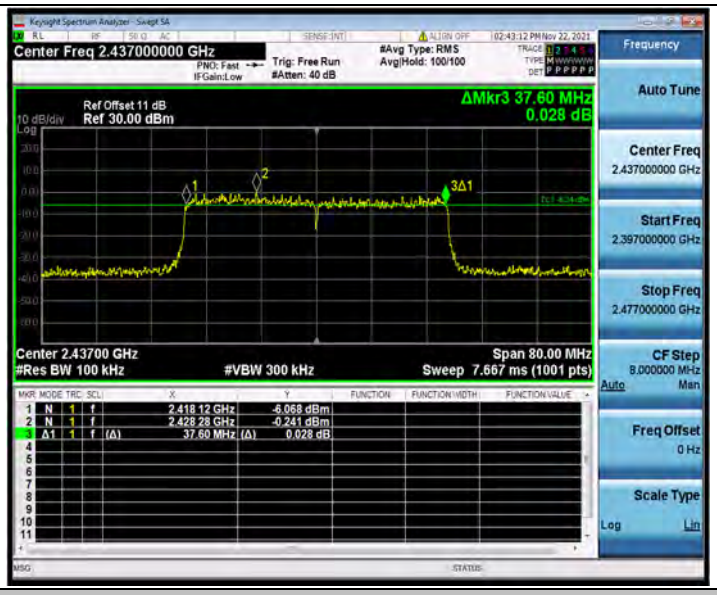

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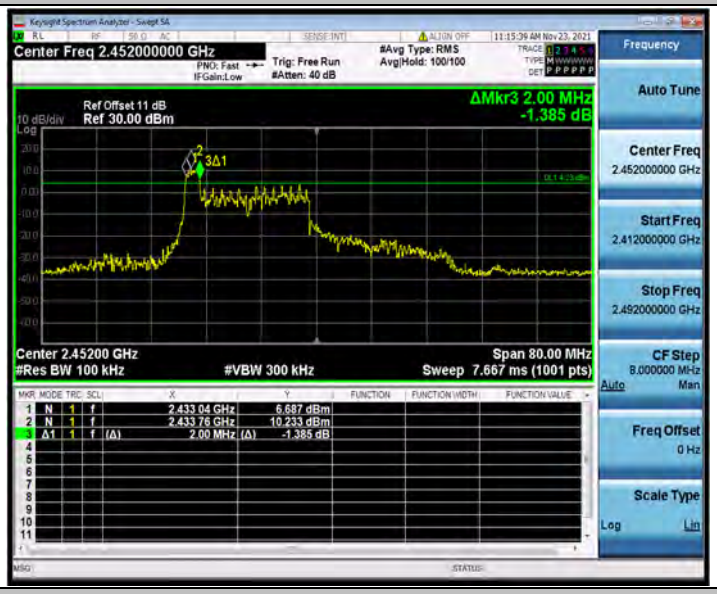

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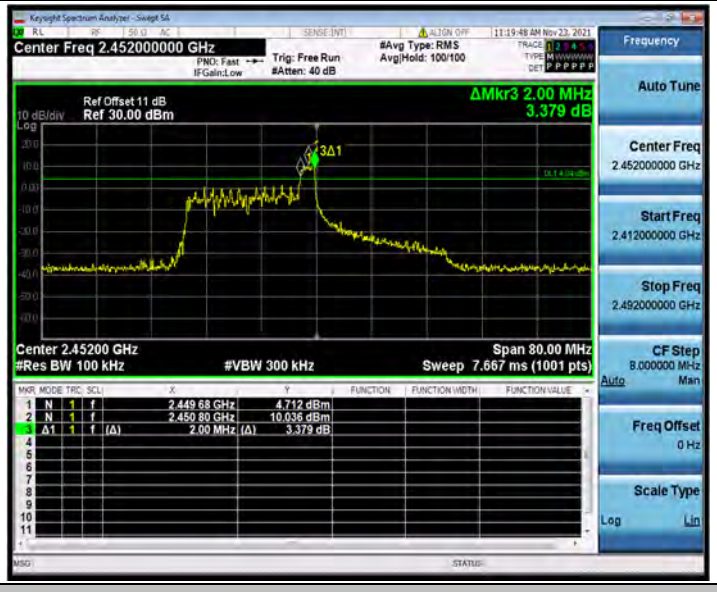

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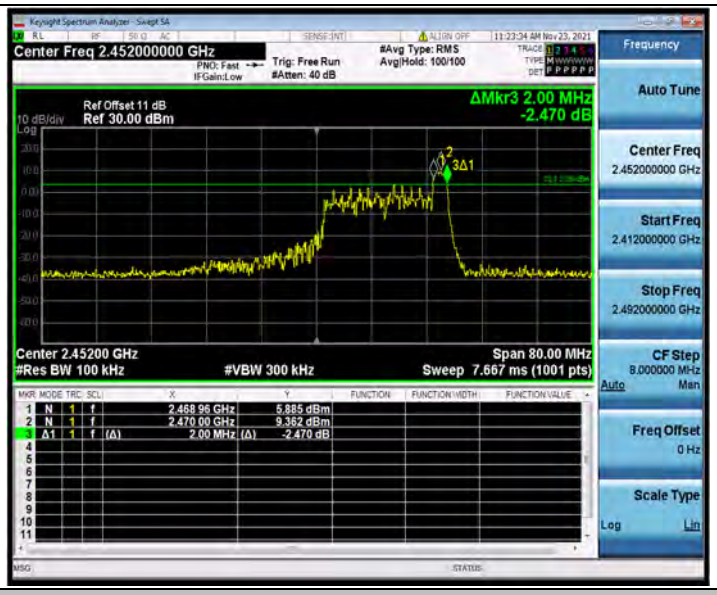

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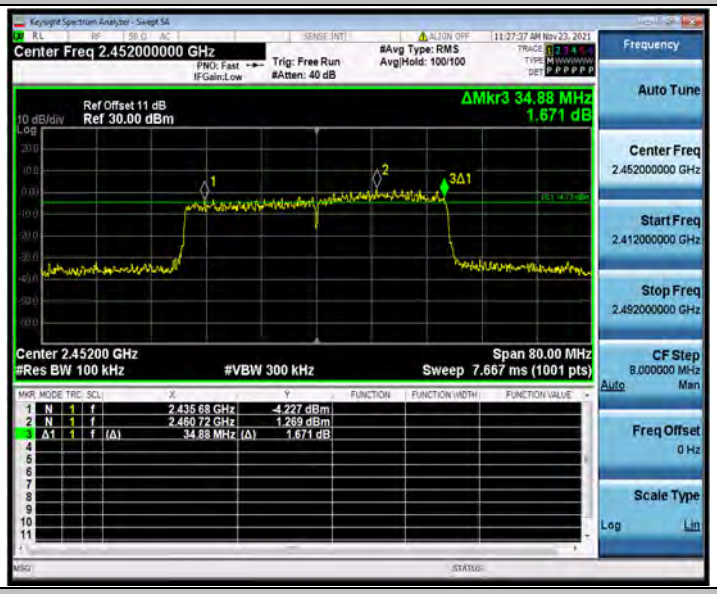

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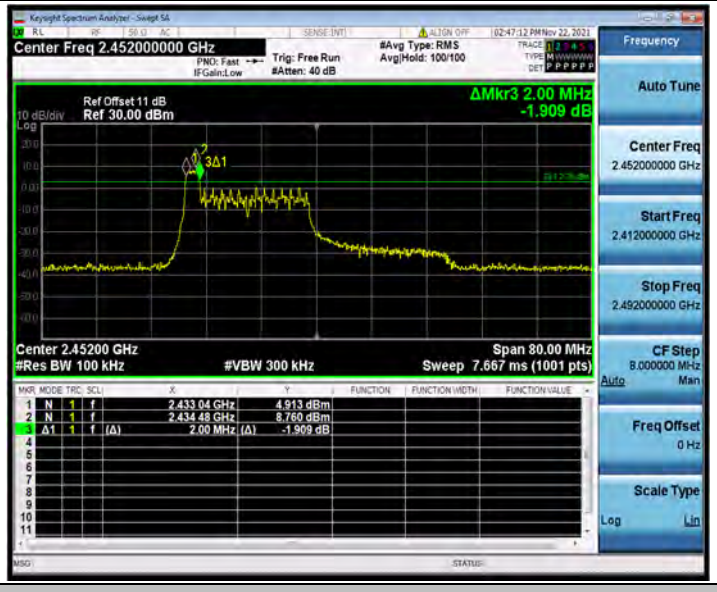

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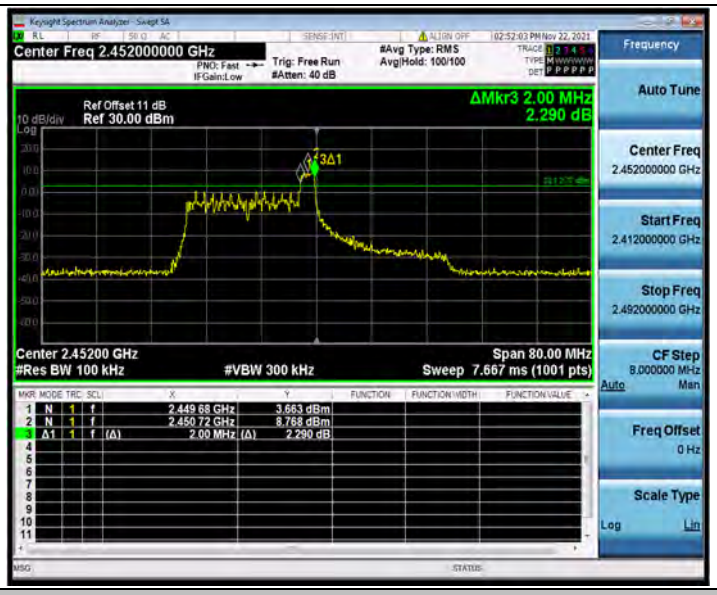

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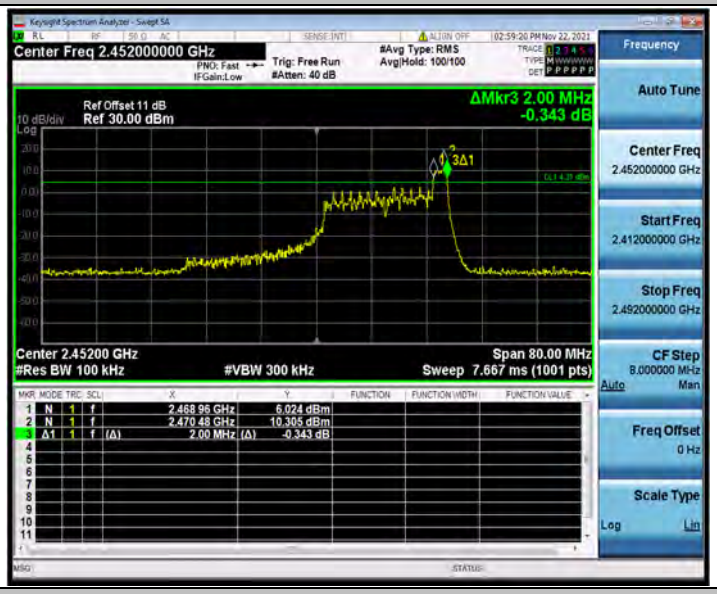

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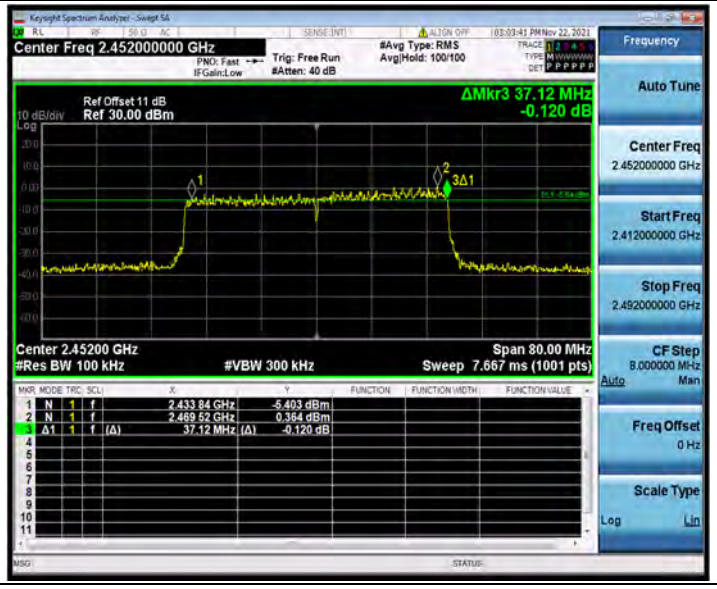


Maximum conducted output power

Peak Power Test Result

TestMode	Antenna	RuSize	RuIndex	RuIndex	peak power [dBm]	Result [mw]	Limit[dBm]	Verdict
11AX20SISO	Ant1	26Tone	RU0	2412	23.46	221.82	≤30	PASS
				2437	22.83	191.87	≤30	PASS
				2462	23.93	247.17	≤30	PASS
			RU4	2412	22.78	189.67	≤30	PASS
				2437	22.58	181.13	≤30	PASS
				2462	23.74	236.59	≤30	PASS
			RU8	2412	23.95	248.31	≤30	PASS
				2437	22.55	179.89	≤30	PASS
				2462	23.83	241.55	≤30	PASS
	Ant1	52Tone	RU37	2412	23.58	228.03	≤30	PASS
				2437	23.27	212.32	≤30	PASS
				2462	23.95	248.31	≤30	PASS
			RU38	2412	23.54	225.94	≤30	PASS
				2437	23.02	200.45	≤30	PASS
				2462	24.52	283.14	≤30	PASS
			RU40	2412	24.08	255.86	≤30	PASS
				2437	23.06	202.30	≤30	PASS
				2462	24.64	291.07	≤30	PASS
	Ant1	106Tone	RU53	2412	23.58	228.03	≤30	PASS
				2437	23.82	240.99	≤30	PASS
				2462	24.37	273.53	≤30	PASS
			RU54	2412	23.87	243.78	≤30	PASS
				2437	22.97	198.15	≤30	PASS
				2462	25.12	325.09	≤30	PASS
	Ant1	242Tone	RU-TONE	2412	23.80	239.88	≤30	PASS
				2437	23.05	201.84	≤30	PASS
				2462	24.08	255.86	≤30	PASS
	Ant2	26Tone	RU0	2412	22.68	185.35	≤30	PASS
				2437	24.92	310.46	≤30	PASS
				2462	23.45	221.31	≤30	PASS
			RU4	2412	24.24	265.46	≤30	PASS
				2437	24.58	287.08	≤30	PASS
				2462	25.02	317.69	≤30	PASS
			RU8	2412	25.12	325.09	≤30	PASS
				2437	24.06	254.68	≤30	PASS
				2462	24.55	285.10	≤30	PASS
	Ant2	52Tone	RU37	2412	22.06	160.69	≤30	PASS
				2437	24.85	305.49	≤30	PASS
				2462	23.28	212.81	≤30	PASS
			RU38	2412	22.87	193.64	≤30	PASS

				2437	24.72	296.48	≤30	PASS
				2462	24.66	292.42	≤30	PASS
			RU40	2412	25.42	348.34	≤30	PASS
				2437	23.38	217.77	≤30	PASS
				2462	25.05	319.89	≤30	PASS
	Ant2	106Tone	RU53	2412	22.76	188.80	≤30	PASS
				2437	24.92	310.46	≤30	PASS
				2462	23.53	225.42	≤30	PASS
			RU54	2412	25.06	320.63	≤30	PASS
				2437	23.54	225.94	≤30	PASS
				2462	25.18	329.61	≤30	PASS
	Ant2	242Tone	RU-TONE	2412	23.90	245.47	≤30	PASS
				2437	23.98	250.03	≤30	PASS
				2462	24.37	273.53	≤30	PASS
11AX20MIMO	Ant1	26Tone	RU0	2412	21.35	136.46	≤30	PASS
				2437	22.20	165.96	≤30	PASS
				2462	21.82	152.05	≤30	PASS
			RU4	2412	21.80	151.36	≤30	PASS
				2437	20.76	119.12	≤30	PASS
				2462	23.30	213.80	≤30	PASS
			RU8	2412	23.94	247.74	≤30	PASS
				2437	21.06	127.64	≤30	PASS
				2462	21.53	142.23	≤30	PASS
	Ant2	26Tone	RU0	2412	23.85	242.66	≤30	PASS
				2437	25.12	325.09	≤30	PASS
				2462	24.23	264.85	≤30	PASS
			RU4	2412	24.22	264.24	≤30	PASS
				2437	24.54	284.45	≤30	PASS
				2462	25.68	369.83	≤30	PASS
			RU8	2412	25.66	368.13	≤30	PASS
				2437	23.85	242.66	≤30	PASS
				2462	25.14	326.59	≤30	PASS
	Total	26Tone	RU0	2412	25.79	379.31	≤30	PASS
				2437	26.91	490.91	≤30	PASS
				2462	26.20	416.87	≤30	PASS
			RU4	2412	26.19	415.91	≤30	PASS
				2437	26.06	403.65	≤30	PASS
				2462	27.66	583.45	≤30	PASS
			RU8	2412	27.89	615.18	≤30	PASS
				2437	25.69	370.68	≤30	PASS
				2462	26.71	468.81	≤30	PASS
	Ant1	52Tone	RU37	2412	20.52	112.72	≤30	PASS
				2437	21.48	140.60	≤30	PASS
				2462	21.42	138.68	≤30	PASS

			RU38	2412	21.54	142.56	≤30	PASS
				2437	22.32	170.61	≤30	PASS
				2462	22.86	193.20	≤30	PASS
			RU40	2412	23.52	224.91	≤30	PASS
				2437	21.40	138.04	≤30	PASS
				2462	21.86	153.46	≤30	PASS
	Ant2	52Tone	RU37	2412	22.21	166.34	≤30	PASS
				2437	24.58	287.08	≤30	PASS
				2462	23.45	221.31	≤30	PASS
			RU38	2412	22.95	197.24	≤30	PASS
				2437	23.57	227.51	≤30	PASS
				2462	23.60	229.09	≤30	PASS
			RU40	2412	24.72	296.48	≤30	PASS
				2437	23.04	201.37	≤30	PASS
				2462	24.50	281.84	≤30	PASS
	Total	52Tone	RU37	2412	24.46	279.25	≤30	PASS
				2437	26.31	427.56	≤30	PASS
				2462	25.56	359.75	≤30	PASS
			RU38	2412	25.31	339.63	≤30	PASS
				2437	26.00	398.11	≤30	PASS
				2462	26.26	422.67	≤30	PASS
			RU40	2412	27.17	521.19	≤30	PASS
				2437	25.31	339.63	≤30	PASS
				2462	26.39	435.51	≤30	PASS
	Ant1	106Tone	RU53	2412	22.52	178.65	≤30	PASS
				2437	22.24	167.49	≤30	PASS
				2462	22.57	180.72	≤30	PASS
			RU54	2412	23.35	216.27	≤30	PASS
				2437	21.90	154.88	≤30	PASS
				2462	22.20	165.96	≤30	PASS
	Ant2	106Tone	RU53	2412	22.86	193.20	≤30	PASS
				2437	23.70	234.42	≤30	PASS
				2462	24.02	252.35	≤30	PASS
			RU54	2412	24.33	271.02	≤30	PASS
				2437	22.54	179.47	≤30	PASS
				2462	24.30	269.15	≤30	PASS
	Total	106Tone	RU53	2412	25.70	371.54	≤30	PASS
				2437	26.04	401.79	≤30	PASS
				2462	26.37	433.51	≤30	PASS
			RU54	2412	26.88	487.53	≤30	PASS
				2437	25.24	334.20	≤30	PASS
				2462	26.39	435.51	≤30	PASS
	Ant1	242Tone	RU-TONE	2412	22.96	197.70	≤30	PASS
				2437	21.42	138.68	≤30	PASS

				2462	22.82	191.43	≤30	PASS
	Ant2	242Tone	RU-TONE	2412	23.55	226.46	≤30	PASS
				2437	23.14	206.06	≤30	PASS
				2462	23.98	250.03	≤30	PASS
	Total	242Tone	RU-TONE	2412	26.28	424.62	≤30	PASS
				2437	25.37	344.35	≤30	PASS
				2462	26.45	441.57	≤30	PASS
11ax40SISO	Ant1	26Tone	RU0	2412	24.03	252.93	≤30	PASS
				2437	23.69	233.88	≤30	PASS
				2462	23.60	229.09	≤30	PASS
			RU8	2412	23.59	228.56	≤30	PASS
				2437	23.54	225.94	≤30	PASS
				2462	22.80	190.55	≤30	PASS
			RU17	2412	24.96	313.33	≤30	PASS
				2437	23.03	200.91	≤30	PASS
				2462	23.84	242.10	≤30	PASS
	An1	52Tone	RU37	2412	24.32	270.40	≤30	PASS
				2437	23.37	217.27	≤30	PASS
				2462	23.45	221.31	≤30	PASS
			RU40	2412	23.80	239.88	≤30	PASS
				2437	23.82	240.99	≤30	PASS
				2462	23.12	205.12	≤30	PASS
			RU44	2412	24.24	265.46	≤30	PASS
				2437	23.62	230.14	≤30	PASS
				2462	23.02	200.45	≤30	PASS
	Ant1	106Tone	RU53	2412	23.79	239.33	≤30	PASS
				2437	23.67	232.81	≤30	PASS
				2462	23.16	207.01	≤30	PASS
			RU54	2412	24.12	258.23	≤30	PASS
				2437	23.60	229.09	≤30	PASS
				2462	22.87	193.64	≤30	PASS
			RU56	2412	25.02	317.69	≤30	PASS
				2437	22.74	187.93	≤30	PASS
				2462	24.02	252.35	≤30	PASS
	Ant1	242Tone	RU61	2412	24.12	258.23	≤30	PASS
				2437	23.52	224.91	≤30	PASS
				2462	22.93	196.34	≤30	PASS
			RU62	2412	24.68	293.76	≤30	PASS
				2437	22.32	170.61	≤30	PASS
				2462	23.82	240.99	≤30	PASS
	Ant1	484Tone	RU65	2412	24.42	276.69	≤30	PASS
				2437	23.16	207.01	≤30	PASS
				2462	23.18	207.97	≤30	PASS
	Ant2	26Tone	RU0	2412	22.15	164.06	≤30	PASS

				2437	24.26	266.69	≤30	PASS
				2462	23.54	225.94	≤30	PASS
			RU8	2412	25.21	331.89	≤30	PASS
				2437	24.18	261.82	≤30	PASS
				2462	24.45	278.61	≤30	PASS
			RU17	2412	23.54	225.94	≤30	PASS
				2437	24.46	279.25	≤30	PASS
				2462	24.52	283.14	≤30	PASS
	An1	52Tone	RU37	2412	22.24	167.49	≤30	PASS
				2437	25.40	346.74	≤30	PASS
				2462	22.35	171.79	≤30	PASS
			RU40	2412	25.68	369.83	≤30	PASS
				2437	24.03	252.93	≤30	PASS
				2462	24.10	257.04	≤30	PASS
			RU44	2412	23.55	226.46	≤30	PASS
				2437	23.88	244.34	≤30	PASS
				2462	24.67	293.09	≤30	PASS
	Ant1	106Tone	RU53	2412	22.34	171.40	≤30	PASS
				2437	25.26	335.74	≤30	PASS
				2462	22.95	197.24	≤30	PASS
			RU54	2412	25.65	367.28	≤30	PASS
				2437	24.36	272.90	≤30	PASS
				2462	23.40	218.78	≤30	PASS
			RU56	2412	23.54	225.94	≤30	PASS
				2437	23.48	222.84	≤30	PASS
				2462	24.52	283.14	≤30	PASS
	Ant1	242Tone	RU61	2412	24.02	252.35	≤30	PASS
				2437	24.48	280.54	≤30	PASS
				2462	23.74	236.59	≤30	PASS
			RU62	2412	24.62	289.73	≤30	PASS
				2437	23.39	218.27	≤30	PASS
				2462	24.07	255.27	≤30	PASS
	Ant1	484Tone	RU65	2412	25.03	318.42	≤30	PASS
				2437	24.82	303.39	≤30	PASS
				2462	23.86	243.22	≤30	PASS
11ax40MIMO	Ant1	26Tone	RU0	2412	23.18	207.97	≤30	PASS
				2437	24.85	305.49	≤30	PASS
				2462	23.76	237.68	≤30	PASS
			RU8	2412	25.32	340.41	≤30	PASS
				2437	23.04	201.37	≤30	PASS
				2462	23.65	231.74	≤30	PASS
			RU17	2412	22.32	170.61	≤30	PASS
				2437	23.48	222.84	≤30	PASS

			2462	22.94	196.79	≤30	PASS
Ant2	26Tone	RU0	2412	22.82	191.43	≤30	PASS
			2437	24.87	306.90	≤30	PASS
			2462	23.72	235.50	≤30	PASS
		RU8	2412	25.26	335.74	≤30	PASS
			2437	23.68	233.35	≤30	PASS
			2462	24.26	266.69	≤30	PASS
		RU17	2412	23.56	226.99	≤30	PASS
			2437	24.05	254.10	≤30	PASS
			2462	23.85	242.66	≤30	PASS
Total	26Tone	RU0	2422	26.01	399.02	≤30	PASS
			2437	27.87	612.35	≤30	PASS
			2452	26.75	473.15	≤30	PASS
		RU8	2422	28.30	676.08	≤30	PASS
			2437	26.38	434.51	≤30	PASS
			2452	26.98	498.88	≤30	PASS
		RU17	2422	25.99	397.19	≤30	PASS
			2437	26.78	476.43	≤30	PASS
			2452	26.43	439.54	≤30	PASS
Ant1	52Tone	RU37	2422	21.78	150.66	≤30	PASS
			2437	24.53	283.79	≤30	PASS
			2452	22.30	169.82	≤30	PASS
		RU40	2422	24.87	306.90	≤30	PASS
			2437	22.43	174.98	≤30	PASS
			2452	22.54	179.47	≤30	PASS
		RU44	2422	22.56	180.30	≤30	PASS
			2437	23.04	201.37	≤30	PASS
			2452	23.20	208.93	≤30	PASS
Ant2	52Tone	RU37	2422	21.82	152.05	≤30	PASS
			2437	24.45	278.61	≤30	PASS
			2452	22.64	183.65	≤30	PASS
		RU40	2422	24.42	276.69	≤30	PASS
			2437	23.08	203.24	≤30	PASS
			2452	23.12	205.12	≤30	PASS
		RU44	2422	23.73	236.05	≤30	PASS
			2437	23.28	212.81	≤30	PASS
			2452	24.42	276.69	≤30	PASS
Total	52Tone	RU37	2422	24.81	302.69	≤30	PASS
			2437	27.50	562.34	≤30	PASS
			2452	25.48	353.18	≤30	PASS
		RU40	2422	27.66	583.45	≤30	PASS
			2437	25.78	378.44	≤30	PASS
			2452	25.85	384.59	≤30	PASS
		RU44	2422	26.19	415.91	≤30	PASS

				2437	26.17	414.00	≤30	PASS
				2452	26.86	485.29	≤30	PASS
	Ant1	242Tone	RU61	2422	22.62	182.81	≤30	PASS
				2437	23.12	205.12	≤30	PASS
				2452	22.80	190.55	≤30	PASS
			RU62	2422	22.65	184.08	≤30	PASS
				2437	21.82	152.05	≤30	PASS
				2452	22.78	189.67	≤30	PASS
	Ant2	242Tone	RU61	2422	23.30	213.80	≤30	PASS
				2437	23.54	225.94	≤30	PASS
				2452	22.56	180.30	≤30	PASS
			RU62	2422	24.26	266.69	≤30	PASS
				2437	23.11	204.64	≤30	PASS
				2452	23.45	221.31	≤30	PASS
	Total	242Tone	RU61	2422	25.98	396.28	≤30	PASS
				2437	26.35	431.52	≤30	PASS
				2452	25.69	370.68	≤30	PASS
			RU62	2422	26.54	450.82	≤30	PASS
				2437	25.52	356.45	≤30	PASS
				2452	26.14	411.15	≤30	PASS
	Ant1	484Tone	RU65	2422	24.10	257.04	≤30	PASS
				2437	23.44	220.80	≤30	PASS
				2452	22.16	164.44	≤30	PASS
	Ant2	484Tone	RU65	2422	23.85	242.66	≤30	PASS
				2437	23.32	214.78	≤30	PASS
				2452	22.42	174.58	≤30	PASS
	Total	484Tone	RU65	2422	26.99	500.03	≤30	PASS
				2437	26.39	435.51	≤30	PASS
				2452	25.30	338.84	≤30	PASS

Avrg Power Test Result

TestMode	Antenna	RuSize	RuIndex	RuIndex	Avgr power [dBm]	Limit[dBm]	Verdict
11AX20SISO	Ant1	26Tone	RU0	2412	13.57	/	PASS
				2437	13.04	/	PASS
				2462	13.38	/	PASS
			RU4	2412	13.38	/	PASS
				2437	13.51	/	PASS
				2462	13.26	/	PASS
			RU8	2412	13.82	/	PASS
				2437	13.22	/	PASS
				2462	13.78	/	PASS
	Ant1	52Tone	RU37	2412	13.08	/	PASS
				2437	13.04	/	PASS
				2462	13.30	/	PASS
			RU38	2412	13.85	/	PASS
				2437	13.17	/	PASS
				2462	13.62	/	PASS
			RU40	2412	13.82	/	PASS
				2437	13.58	/	PASS
				2462	13.38	/	PASS
	Ant1	106Tone	RU53	2412	13.26	/	PASS
				2437	13.32	/	PASS
				2462	13.77	/	PASS
			RU54	2412	13.09	/	PASS
				2437	13.36	/	PASS
				2462	13.64	/	PASS
	Ant1	242Tone	RU-TONE	2412	13.84	/	PASS
				2437	13.82	/	PASS
				2462	13.30	/	PASS
	Ant2	26Tone	RU0	2412	12.46	/	PASS
				2437	16.04	/	PASS
				2462	13.43	/	PASS
			RU4	2412	14.22	/	PASS
				2437	14.69	/	PASS
				2462	15.56	/	PASS
			RU8	2412	16.76	/	PASS
				2437	14.17	/	PASS
				2462	15.68	/	PASS
	Ant2	52Tone	RU37	2412	11.99	/	PASS
				2437	15.17	/	PASS
				2462	13.09	/	PASS
			RU38	2412	12.64	/	PASS
				2437	14.43	/	PASS

				2462	14.08	/	PASS
			RU40	2412	15.79	/	PASS
				2437	13.46	/	PASS
				2462	15.26	/	PASS
	Ant2	106Tone	RU53	2412	12.14	/	PASS
				2437	14.55	/	PASS
				2462	13.34	/	PASS
			RU54	2412	15.06	/	PASS
				2437	13.41	/	PASS
				2462	15.12	/	PASS
	Ant2	242Tone	RU-TONE	2412	13.80	/	PASS
				2437	13.94	/	PASS
				2462	14.35	/	PASS
11AX20MIMO	Ant1	26Tone	RU0	2412	9.11	/	PASS
				2437	11.80	/	PASS
				2462	10.65	/	PASS
			RU4	2412	11.73	/	PASS
				2437	10.41	/	PASS
				2462	13.34	/	PASS
			RU8	2412	13.48	/	PASS
				2437	10.63	/	PASS
				2462	11.26	/	PASS
	Ant2	26Tone	RU0	2412	11.90	/	PASS
				2437	15.42	/	PASS
				2462	13.28	/	PASS
			RU4	2412	13.74	/	PASS
				2437	14.07	/	PASS
				2462	15.53	/	PASS
			RU8	2412	15.70	/	PASS
				2437	13.67	/	PASS
				2462	15.39	/	PASS
	Total	26Tone	RU0	2412	13.74	/	PASS
				2437	16.99	/	PASS
				2462	15.17	/	PASS
			RU4	2412	15.86	/	PASS
				2437	15.62	/	PASS
				2462	17.58	/	PASS
			RU8	2412	17.74	/	PASS
				2437	15.42	/	PASS
				2462	16.81	/	PASS
	Ant1	52Tone	RU37	2412	8.72	/	PASS
				2437	10.67	/	PASS
				2462	10.44	/	PASS
			RU38	2412	9.74	/	PASS

			2437	10.04	/	PASS
			2462	11.88	/	PASS
		RU40	2412	13.97	/	PASS
			2437	9.77	/	PASS
			2462	10.87	/	PASS
Ant2	52Tone	RU37	2412	11.35	/	PASS
			2437	14.39	/	PASS
			2462	12.88	/	PASS
		RU38	2412	12.03	/	PASS
			2437	13.83	/	PASS
			2462	13.86	/	PASS
		RU40	2412	15.01	/	PASS
			2437	12.89	/	PASS
			2462	14.65	/	PASS
Total	52Tone	RU37	2412	13.24	/	PASS
			2437	15.93	/	PASS
			2462	14.84	/	PASS
		RU38	2412	14.04	/	PASS
			2437	15.35	/	PASS
			2462	15.99	/	PASS
		RU40	2412	17.53	/	PASS
			2437	14.61	/	PASS
			2462	16.17	/	PASS
Ant1	106Tone	RU53	2412	9.02	/	PASS
			2437	9.97	/	PASS
			2462	10.93	/	PASS
		RU54	2412	12.27	/	PASS
			2437	9.31	/	PASS
			2462	11.12	/	PASS
Ant2	106Tone	RU53	2412	11.49	/	PASS
			2437	13.86	/	PASS
			2462	13.21	/	PASS
		RU54	2412	14.01	/	PASS
			2437	12.71	/	PASS
			2462	14.49	/	PASS
Total	106Tone	RU53	2412	13.44	/	PASS
			2437	15.35	/	PASS
			2462	15.23	/	PASS
		RU54	2412	16.24	/	PASS
			2437	14.34	/	PASS
			2462	16.13	/	PASS
Ant1	242Tone	RU-TONE	2412	10.95	/	PASS
			2437	9.74	/	PASS
			2462	10.82	/	PASS

	Ant2	242Tone	RU-TONE	2412	13.05	/	PASS
				2437	13.27	/	PASS
				2462	12.65	/	PASS
	Total	242Tone	RU-TONE	2412	15.14	/	PASS
				2437	14.86	/	PASS
				2462	14.84	/	PASS
11ax40SISO	Ant1	26Tone	RU0	2412	13.02	/	PASS
				2437	13.58	/	PASS
				2462	13.67	/	PASS
			RU8	2412	13.24	/	PASS
				2437	13.72	/	PASS
				2462	13.78	/	PASS
			RU17	2412	13.85	/	PASS
				2437	13.60	/	PASS
				2462	13.15	/	PASS
	An1	52Tone	RU37	2412	13.82	/	PASS
				2437	13.17	/	PASS
				2462	13.34	/	PASS
			RU40	2412	13.86	/	PASS
				2437	13.32	/	PASS
				2462	13.50	/	PASS
			RU44	2412	13.83	/	PASS
				2437	13.30	/	PASS
				2462	13.64	/	PASS
	Ant1	106Tone	RU53	2412	13.20	/	PASS
				2437	13.05	/	PASS
				2462	13.28	/	PASS
			RU54	2412	13.34	/	PASS
				2437	13.50	/	PASS
				2462	13.06	/	PASS
			RU56	2412	13.78	/	PASS
				2437	13.08	/	PASS
				2462	13.34	/	PASS
	Ant1	242Tone	RU61	2412	13.75	/	PASS
				2437	13.28	/	PASS
				2462	13.62	/	PASS
			RU62	2412	13.81	/	PASS
				2437	13.23	/	PASS
				2462	13.82	/	PASS
	Ant1	484Tone	RU65	2412	13.52	/	PASS
				2437	13.05	/	PASS
				2462	12.06	/	PASS
	Ant2	26Tone	RU0	2412	11.93	/	PASS
				2437	15.24	/	PASS

				2462	14.08	/	PASS
			RU8	2412	16.87	/	PASS
				2437	14.25	/	PASS
				2462	14.79	/	PASS
			RU17	2412	13.49	/	PASS
				2437	14.55	/	PASS
				2462	14.91	/	PASS
	An1	52Tone	RU37	2412	11.70	/	PASS
				2437	14.95	/	PASS
				2462	11.79	/	PASS
			RU40	2412	15.98	/	PASS
				2437	13.88	/	PASS
				2462	13.94	/	PASS
			RU44	2412	13.16	/	PASS
				2437	13.77	/	PASS
				2462	14.54	/	PASS
	Ant1	106Tone	RU53	2412	12.11	/	PASS
				2437	14.92	/	PASS
				2462	13.13	/	PASS
			RU54	2412	15.22	/	PASS
				2437	13.98	/	PASS
				2462	13.53	/	PASS
			RU56	2412	13.33	/	PASS
				2437	13.32	/	PASS
				2462	14.49	/	PASS
	Ant1	242Tone	RU61	2412	13.93	/	PASS
				2437	14.45	/	PASS
				2462	13.27	/	PASS
			RU62	2412	14.43	/	PASS
				2437	13.02	/	PASS
				2462	13.98	/	PASS
	Ant1	484Tone	RU65	2412	14.91	/	PASS
				2437	14.47	/	PASS
				2462	12.52	/	PASS
11ax40MIMO	Ant1	26Tone	RU0	2412	10.94	/	PASS
				2437	15.03	/	PASS
				2462	12.07	/	PASS
			RU8	2412	16.02	/	PASS
				2437	12.75	/	PASS
				2462	13.81	/	PASS
			RU17	2412	12.02	/	PASS
				2437	13.87	/	PASS
				2462	12.76	/	PASS

	Ant2	26Tone	RU0	2412	11.26	/	PASS
				2437	14.76	/	PASS
				2462	13.32	/	PASS
			RU8	2412	15.91	/	PASS
				2437	13.64	/	PASS
				2462	14.24	/	PASS
			RU17	2412	12.94	/	PASS
				2437	14.10	/	PASS
				2462	13.61	/	PASS
	Total	26Tone	RU0	2422	14.11	/	PASS
				2437	17.91	/	PASS
				2452	15.75	/	PASS
			RU8	2422	18.98	/	PASS
				2437	16.23	/	PASS
				2452	17.04	/	PASS
			RU17	2422	15.51	/	PASS
				2437	17.00	/	PASS
				2452	16.22	/	PASS
	Ant1	52Tone	RU37	2422	10.77	/	PASS
				2437	14.49	/	PASS
				2452	11.31	/	PASS
			RU40	2422	14.81	/	PASS
				2437	12.31	/	PASS
				2452	12.70	/	PASS
			RU44	2422	11.61	/	PASS
				2437	12.56	/	PASS
				2452	12.54	/	PASS
	Ant2	52Tone	RU37	2422	10.85	/	PASS
				2437	14.26	/	PASS
				2452	12.67	/	PASS
			RU40	2422	14.63	/	PASS
				2437	13.15	/	PASS
				2452	13.23	/	PASS
			RU44	2422	12.65	/	PASS
				2437	13.14	/	PASS
				2452	13.65	/	PASS
	Total	52Tone	RU37	2422	13.82	/	PASS
				2437	17.39	/	PASS
				2452	15.05	/	PASS
			RU40	2422	17.73	/	PASS
				2437	15.76	/	PASS
				2452	15.98	/	PASS
			RU44	2422	15.17	/	PASS
				2437	15.87	/	PASS

			2452	16.14	/	PASS
Ant1	242Tone	RU61	2422	12.76	/	PASS
			2437	13.28	/	PASS
			2452	11.54	/	PASS
		RU62	2422	12.76	/	PASS
			2437	11.31	/	PASS
			2452	12.94	/	PASS
Ant2	242Tone	RU61	2422	12.97	/	PASS
			2437	13.62	/	PASS
			2452	12.48	/	PASS
		RU62	2422	13.86	/	PASS
			2437	12.41	/	PASS
			2452	13.16	/	PASS
Total	242Tone	RU61	2422	15.88	/	PASS
			2437	16.46	/	PASS
			2452	15.05	/	PASS
		RU62	2422	16.36	/	PASS
			2437	14.91	/	PASS
			2452	16.06	/	PASS
Ant1	484Tone	RU65	2422	12.72	/	PASS
			2437	13.16	/	PASS
			2452	9.47	/	PASS
Ant2	484Tone	RU65	2422	13.10	/	PASS
			2437	13.71	/	PASS
			2452	9.92	/	PASS
Total	484Tone	RU65	2422	15.92	/	PASS
			2437	16.45	/	PASS
			2452	12.71	/	PASS

Maximum power spectral density

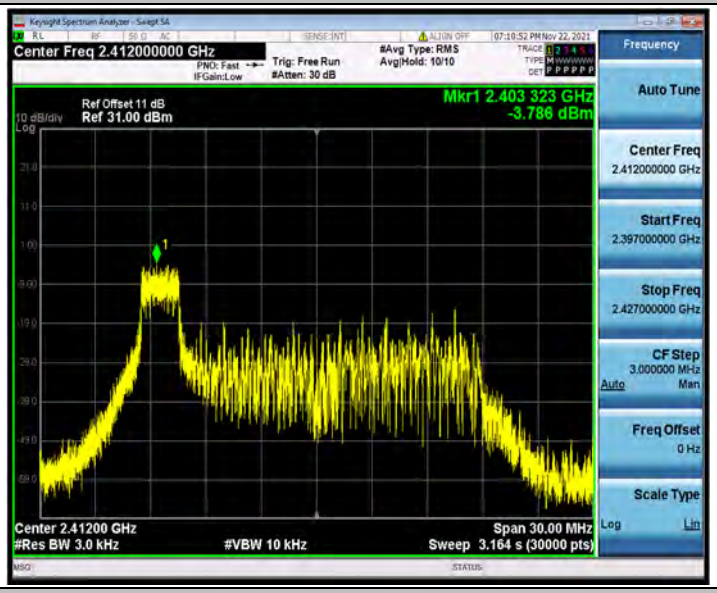
Test Result

TestMode	Antenna	Channel	RuSize	RuIndex	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11AX20SISO	Ant1	2412	26Tone	RU0	-3.79	≤8	PASS
				RU4	-3.31	≤8	PASS
				RU8	-3.93	≤8	PASS
			242Tone	RU61	-10.68	≤8	PASS
	Ant2	2412	26Tone	RU0	-4.72	≤8	PASS
				RU4	-4.61	≤8	PASS
				RU8	-4.13	≤8	PASS
			242Tone	RU61	-12.14	≤8	PASS
	Ant1	2437	26Tone	RU0	-4.54	≤8	PASS
				RU4	-4.28	≤8	PASS
				RU8	-2.2	≤8	PASS
			242Tone	RU61	-11.16	≤8	PASS
	Ant2	2437	26Tone	RU0	-4.7	≤8	PASS
				RU4	-3.59	≤8	PASS
				RU8	-4.43	≤8	PASS
			242Tone	RU61	-11.63	≤8	PASS
	Ant1	2462	26Tone	RU0	-3.48	≤8	PASS
				RU4	-2.55	≤8	PASS
				RU8	-3.52	≤8	PASS
			242Tone	RU61	-10.79	≤8	PASS
	Ant2	2462	26Tone	RU0	-5.1	≤8	PASS
				RU4	-4.21	≤8	PASS
				RU8	-4.66	≤8	PASS
			242Tone	RU61	-11.36	≤8	PASS
11AX40SISO	Ant1	2422	26Tone	RU0	-5.04	≤8	PASS
				RU8	-2.18	≤8	PASS
				RU17	-2.18	≤8	PASS
			484Tone	RU65	-14.09	≤8	PASS
	Ant2	2422	26Tone	RU0	-4.13	≤8	PASS
				RU8	-4.45	≤8	PASS
				RU17	-4.77	≤8	PASS
			484Tone	RU65	-13.9	≤8	PASS
	Ant1	2437	26Tone	RU0	0.28	≤8	PASS
				RU8	-4.54	≤8	PASS
				RU17	-3.17	≤8	PASS
			484Tone	RU65	-12.71	≤8	PASS
	Ant2	2437	26Tone	RU0	-3.57	≤8	PASS
				RU8	-4.5	≤8	PASS
				RU17	-1.83	≤8	PASS
			484Tone	RU65	-13.68	≤8	PASS
	Ant1	2452	26Tone	RU0	-1.73	≤8	PASS
				RU8	-3.36	≤8	PASS

				RU17	-3.37	≤8	PASS
			484Tone	RU65	-13.73	≤8	PASS
	Ant2	2452	26Tone	RU0	-4.92	≤8	PASS
				RU8	-3.16	≤8	PASS
				RU17	-1.31	≤8	PASS
			484Tone	RU65	-12.87	≤8	PASS
11AX20MIMO	Ant1	2412	26Tone	RU0	-8.37	≤8	PASS
				RU4	-6.97	≤8	PASS
				RU8	-6.17	≤8	PASS
			242Tone	RU61	-14.42	≤8	PASS
	Ant2	2412	26Tone	RU0	-6.18	≤8	PASS
				RU4	-5.23	≤8	PASS
				RU8	-5.77	≤8	PASS
			242Tone	RU61	-12.08	≤8	PASS
	total	2412	26Tone	RU0	-4.13	≤8	PASS
				RU4	-3.00	≤8	PASS
				RU8	-2.96	≤8	PASS
			242Tone	RU61	-10.08	≤8	PASS
	Ant1	2437	26Tone	RU0	-5.88	≤8	PASS
				RU4	-7.41	≤8	PASS
				RU8	-6.63	≤8	PASS
			242Tone	RU61	-14.85	≤8	PASS
	Ant2	2437	26Tone	RU0	-6.39	≤8	PASS
				RU4	-5.57	≤8	PASS
				RU8	-4.78	≤8	PASS
			242Tone	RU61	-13.42	≤8	PASS
	total	2437	26Tone	RU0	-3.12	≤8	PASS
				RU4	-3.38	≤8	PASS
				RU8	-2.60	≤8	PASS
			242Tone	RU61	-11.07	≤8	PASS
	Ant1	2462	26Tone	RU0	-6.49	≤8	PASS
				RU4	-6.05	≤8	PASS
				RU8	-8.2	≤8	PASS
			242Tone	RU61	-14.33	≤8	PASS
	Ant2	2462	26Tone	RU0	-3.89	≤8	PASS
				RU4	-5.63	≤8	PASS
				RU8	-5.61	≤8	PASS
			242Tone	RU61	-13.44	≤8	PASS
	total	2462	26Tone	RU0	-1.99	≤8	PASS
				RU4	-2.82	≤8	PASS
				RU8	-3.70	≤8	PASS
			242Tone	RU61	-10.85	≤8	PASS
11AX40MIMO	Ant1	2422	26Tone	RU0	-7.33	≤8	PASS
				RU8	-6.82	≤8	PASS
				RU17	-6.13	≤8	PASS
			484Tone	RU65	-15.91	≤8	PASS
	Ant2	2422	26Tone	RU0	-7.77	≤8	PASS

				RU8	-7.01	≤8	PASS
				RU17	-6.21	≤8	PASS
			484Tone	RU65	-16.85	≤8	PASS
	total	2422	26Tone	RU0	-4.53	≤8	PASS
				RU8	-3.90	≤8	PASS
				RU17	-3.16	≤8	PASS
			484Tone	RU65	-13.34	≤8	PASS
	Ant1	2437	26Tone	RU0	-5.99	≤8	PASS
				RU8	-6.92	≤8	PASS
				RU17	-5.99	≤8	PASS
			484Tone	RU65	-16.25	≤8	PASS
	Ant2	2437	26Tone	RU0	-5.3	≤8	PASS
				RU8	-6.2	≤8	PASS
				RU17	-6.46	≤8	PASS
			484Tone	RU65	-15.79	≤8	PASS
	total	2437	26Tone	RU0	-2.62	≤8	PASS
				RU8	-3.53	≤8	PASS
				RU17	-3.21	≤8	PASS
			484Tone	RU65	-13.00	≤8	PASS
	Ant1	2452	26Tone	RU0	-7.35	≤8	PASS
				RU8	-4.77	≤8	PASS
				RU17	-7.39	≤8	PASS
			484Tone	RU65	-14.63	≤8	PASS
	Ant2	2452	26Tone	RU0	-6.49	≤8	PASS
				RU8	-5.49	≤8	PASS
				RU17	-4.56	≤8	PASS
			484Tone	RU65	-15.09	≤8	PASS
	total	2452	26Tone	RU0	-3.89	≤8	PASS
				RU8	-2.10	≤8	PASS
				RU17	-2.74	≤8	PASS
			484Tone	RU65	-11.84	≤8	PASS

Test Graphs

11AX20SISO_Ant1_2412_26Tone_RU0

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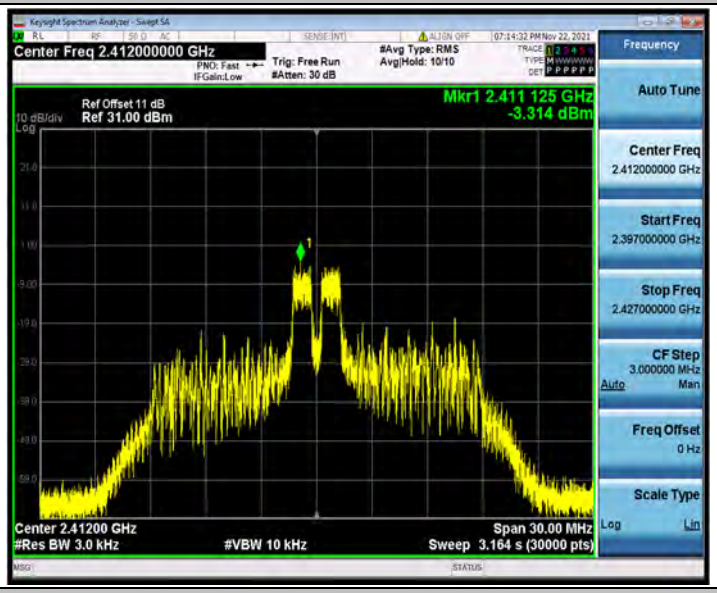
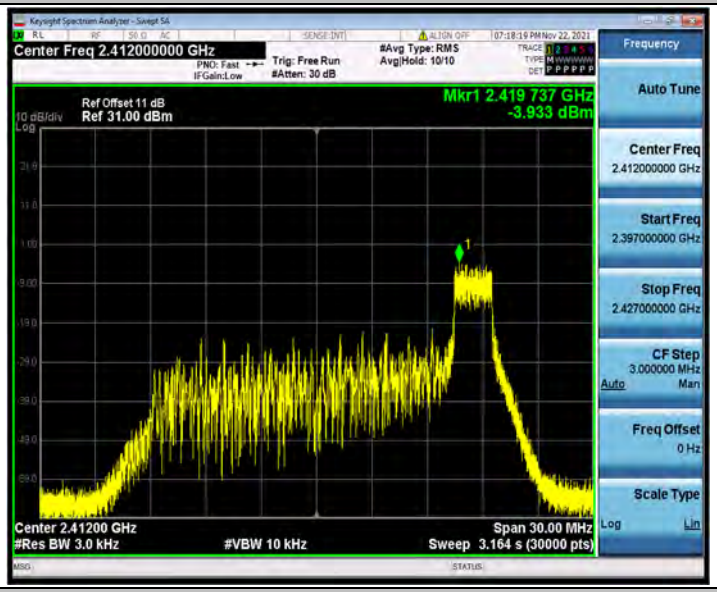
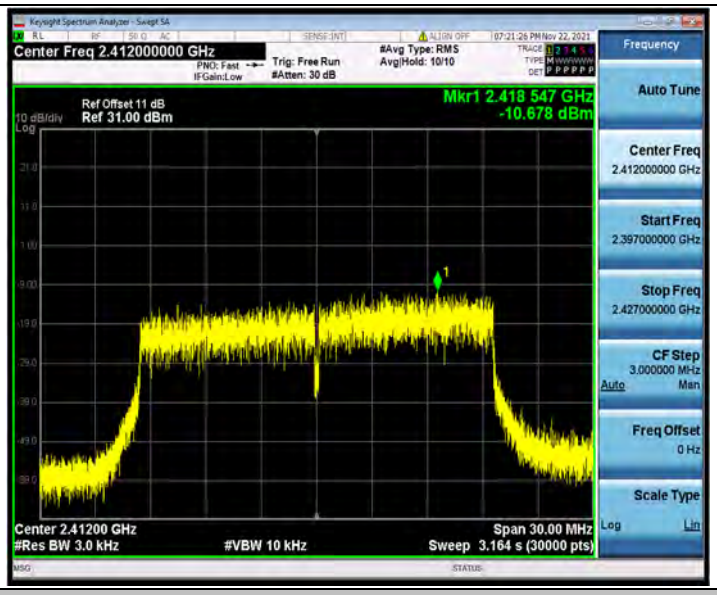

11AX20SISO_Ant1_2412_26Tone_RU8

11AX20SISO_Ant1_2412_242Tone_RU61



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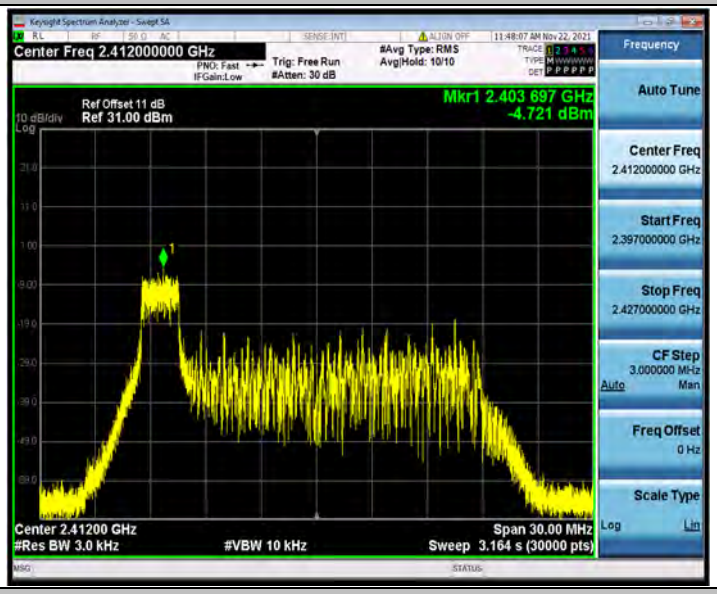

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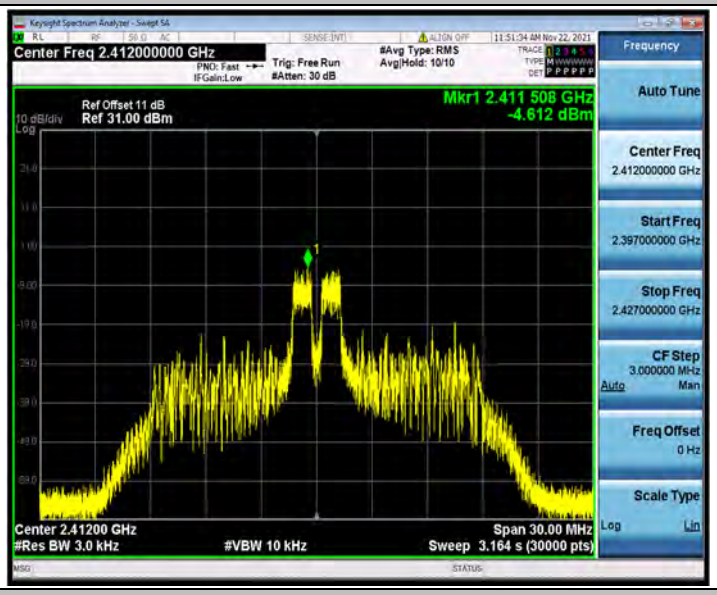
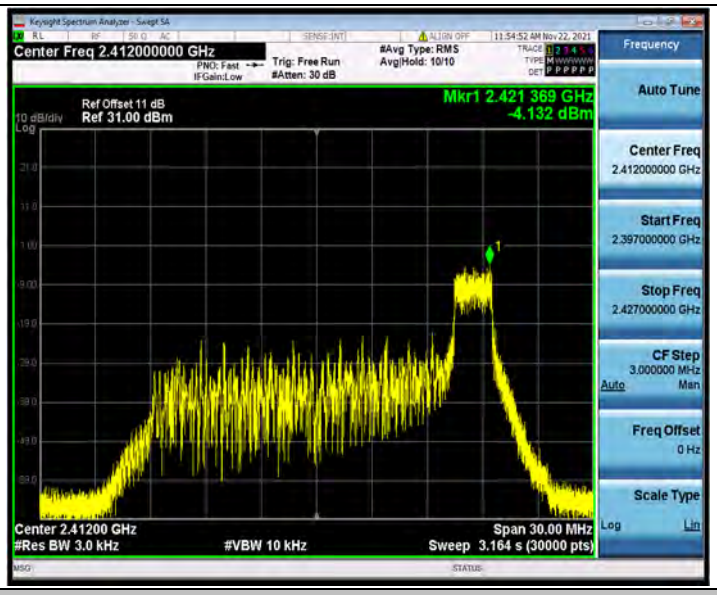


11AX20SISO_Ant2_2412_26Tone_RU8



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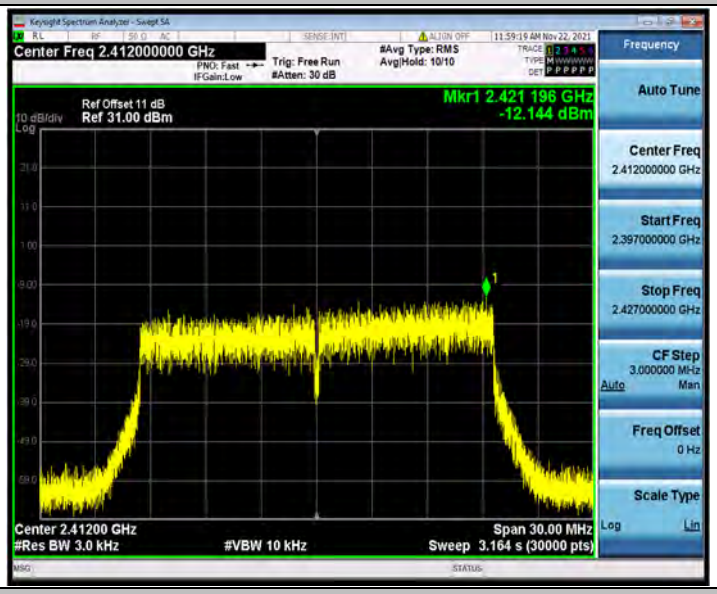
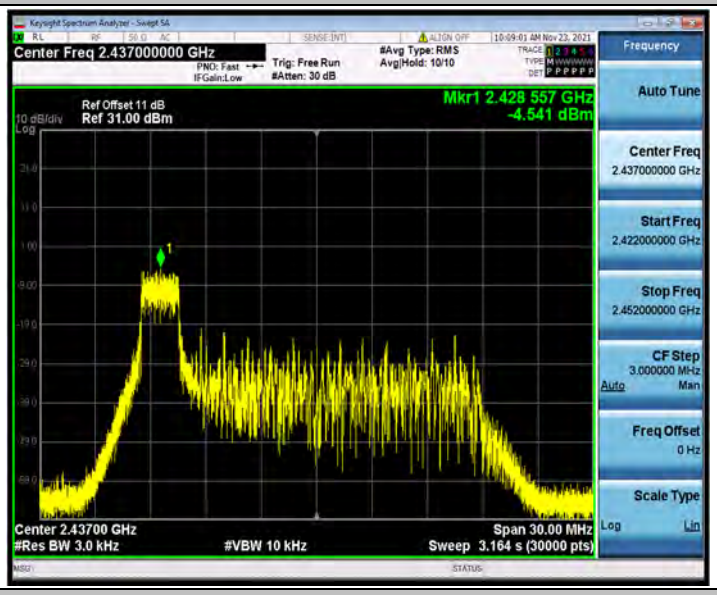


11AX20SISO_Ant1_2437_26Tone_RU0



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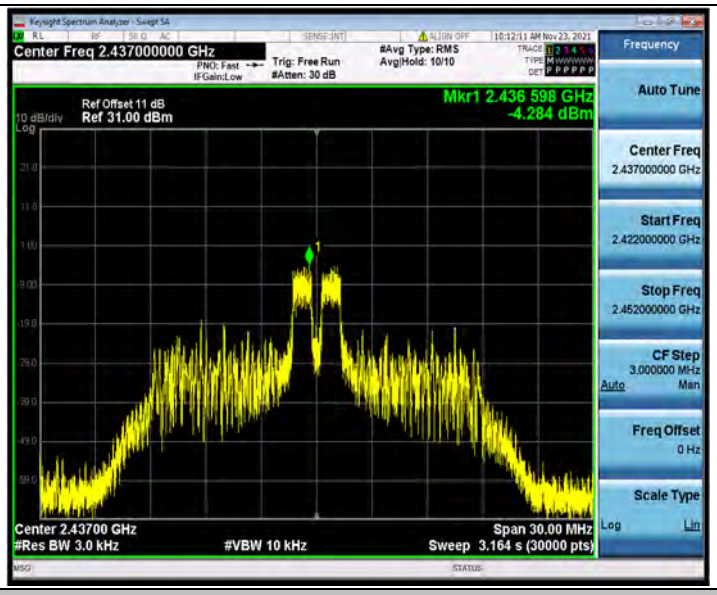

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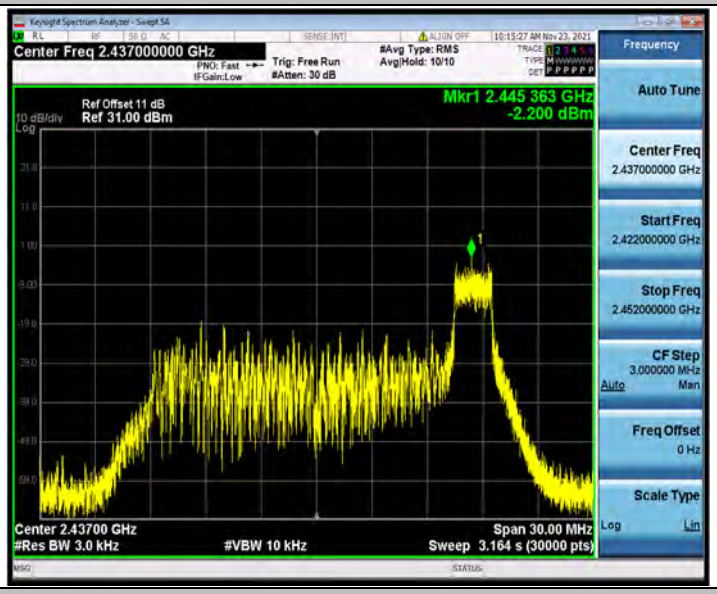

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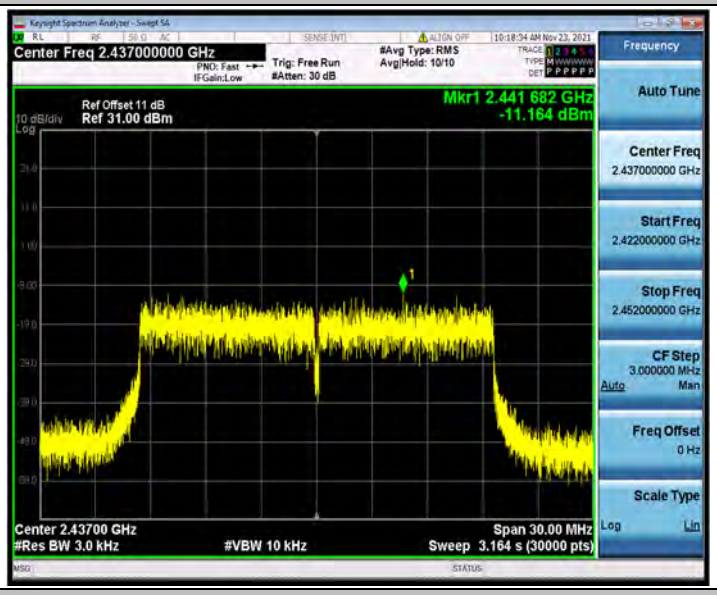

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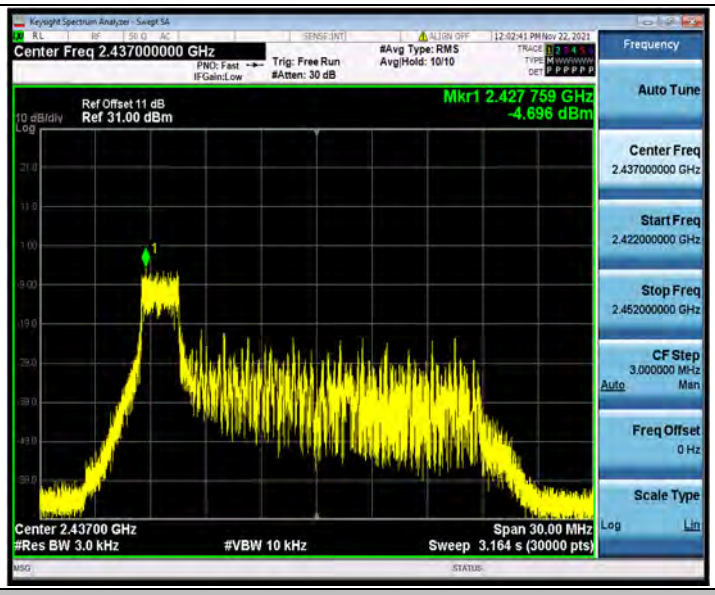

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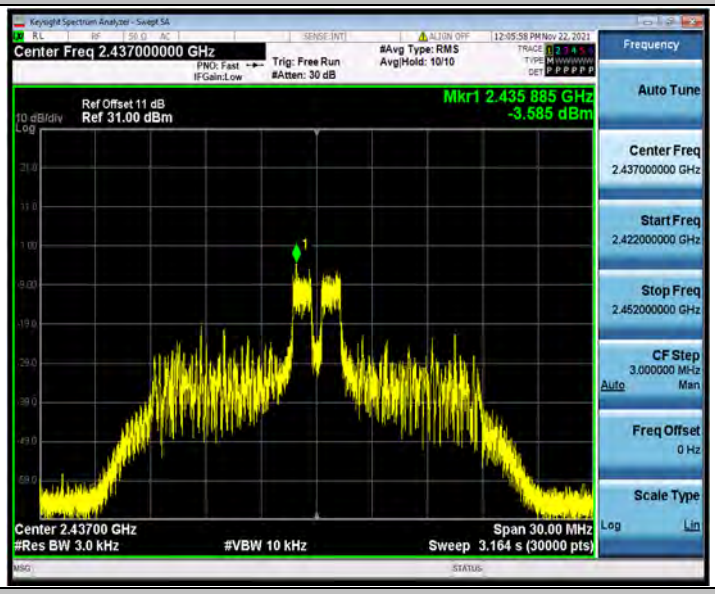

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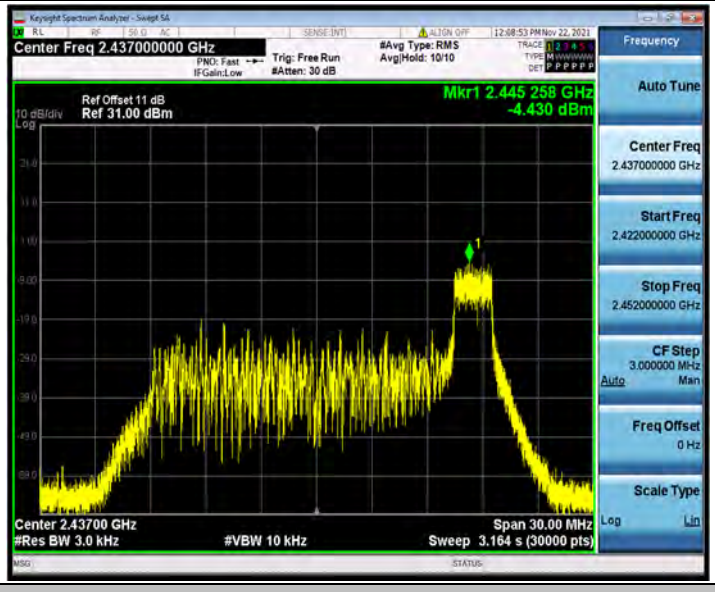
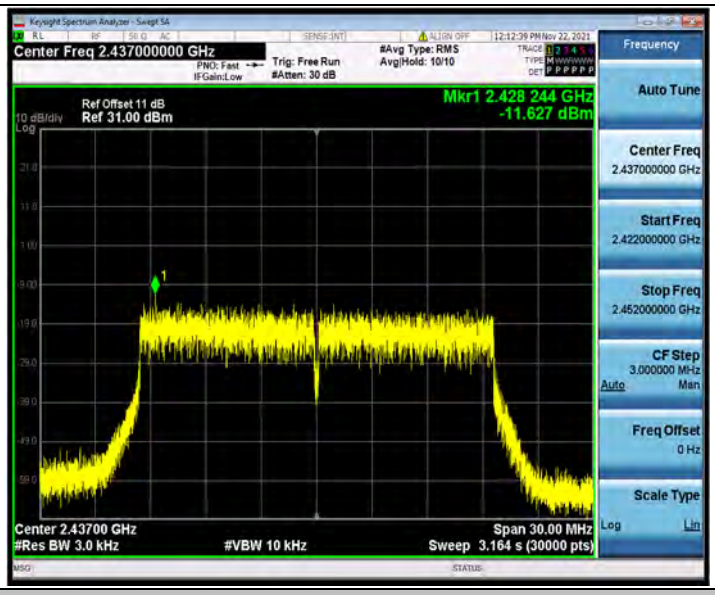


11AX20SISO_Ant2_2437_242Tone_RU61



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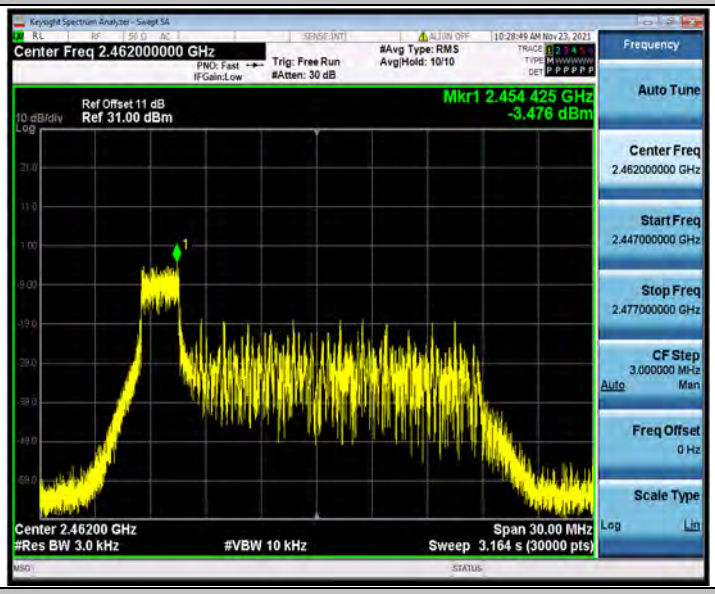

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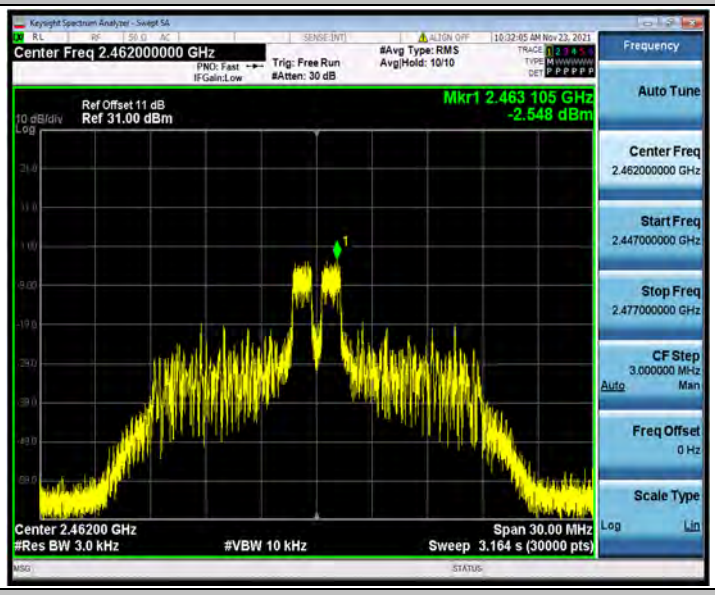
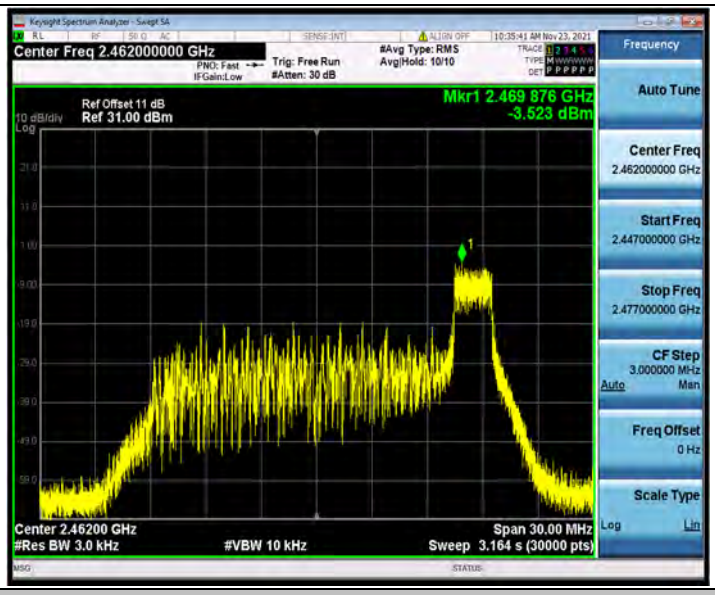


11AX20SISO_Ant1_2462_26Tone_RU8



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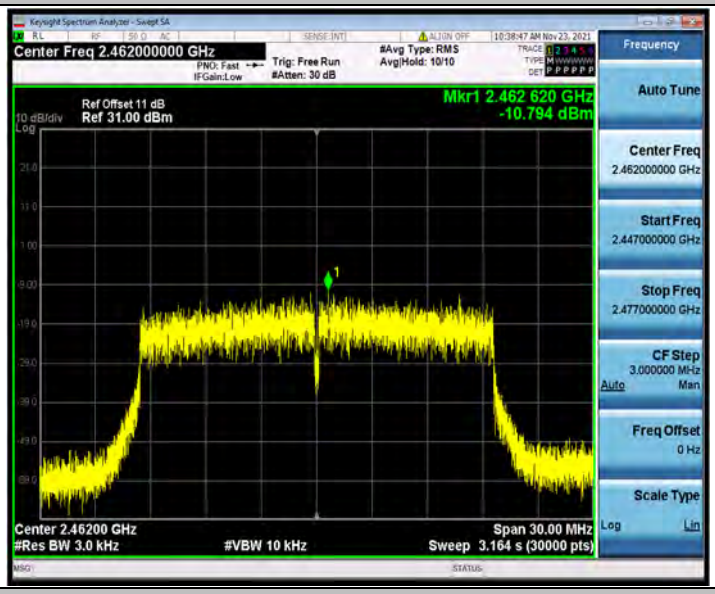

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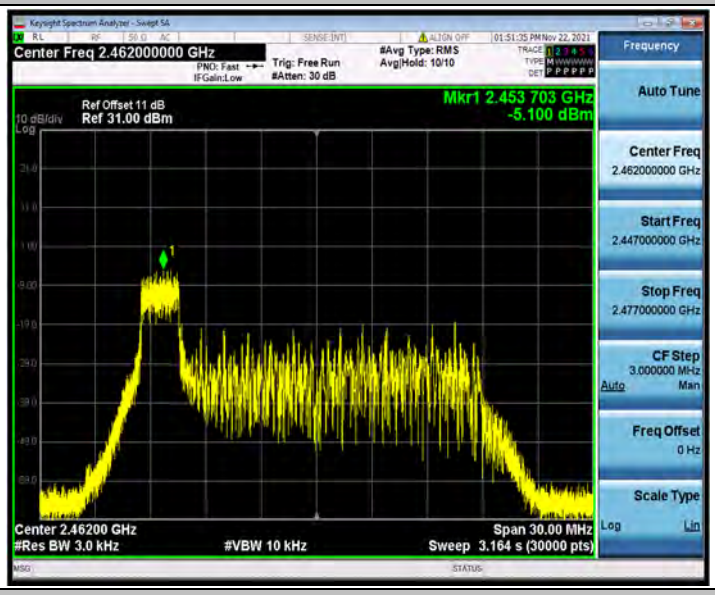

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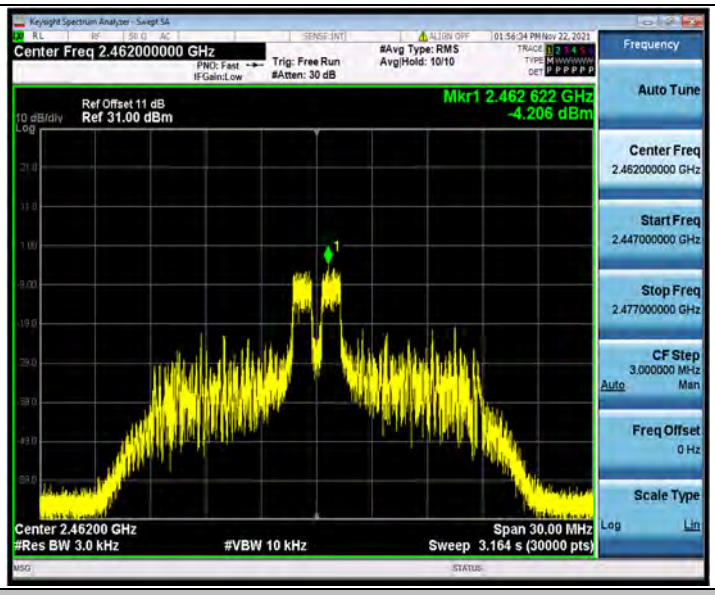
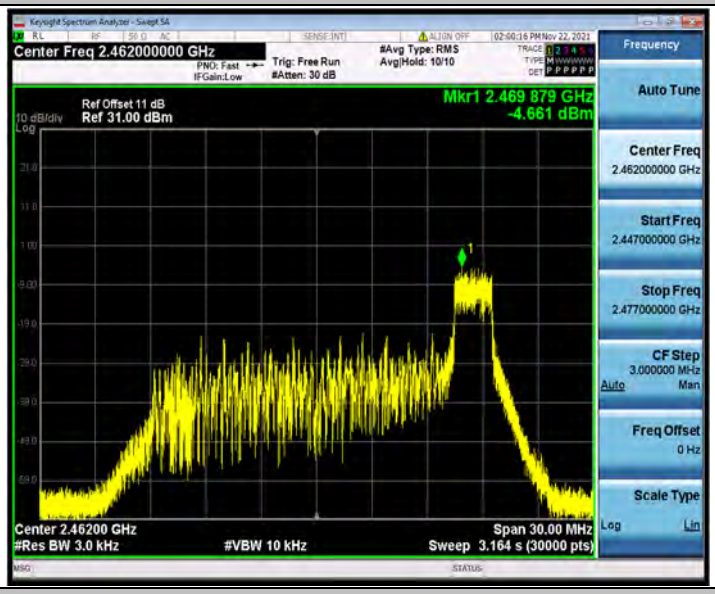


11AX20SISO_Ant2_2462_26Tone_RU8



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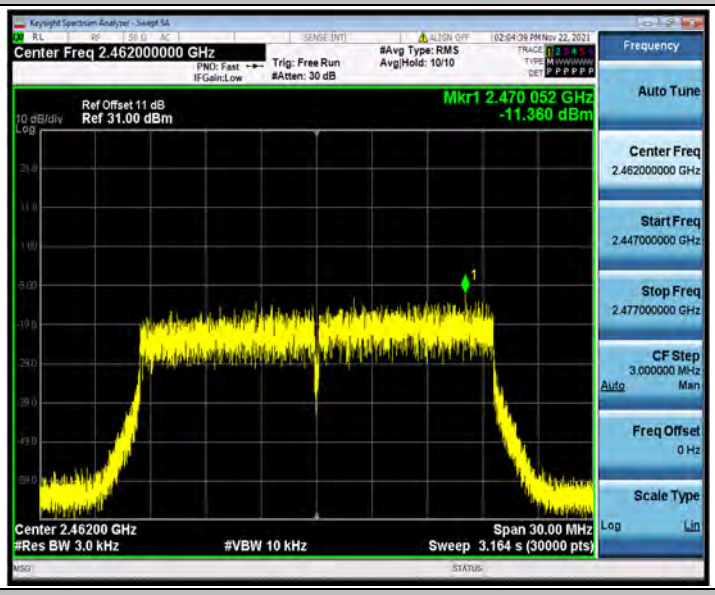

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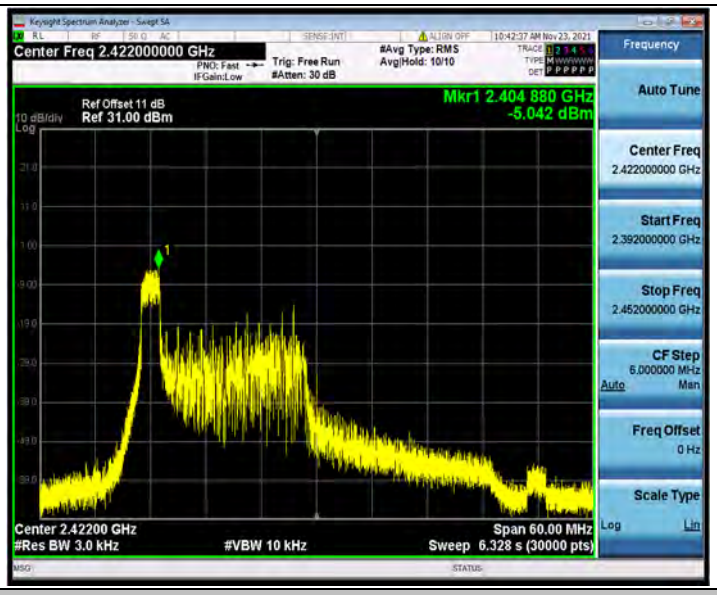
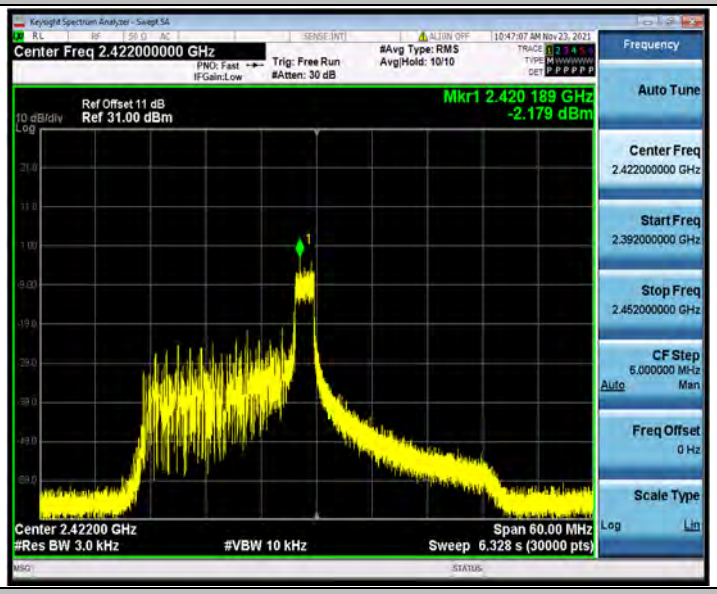


11AX40SISO_Ant1_2422_26Tone_RU8



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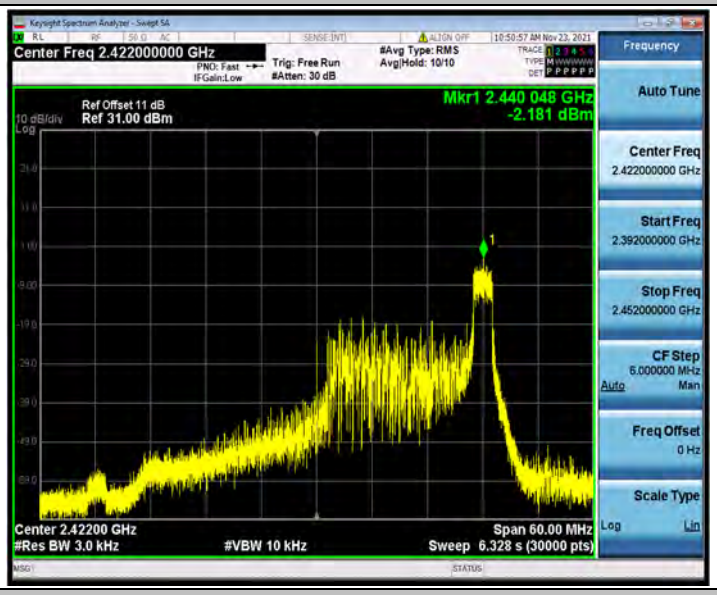
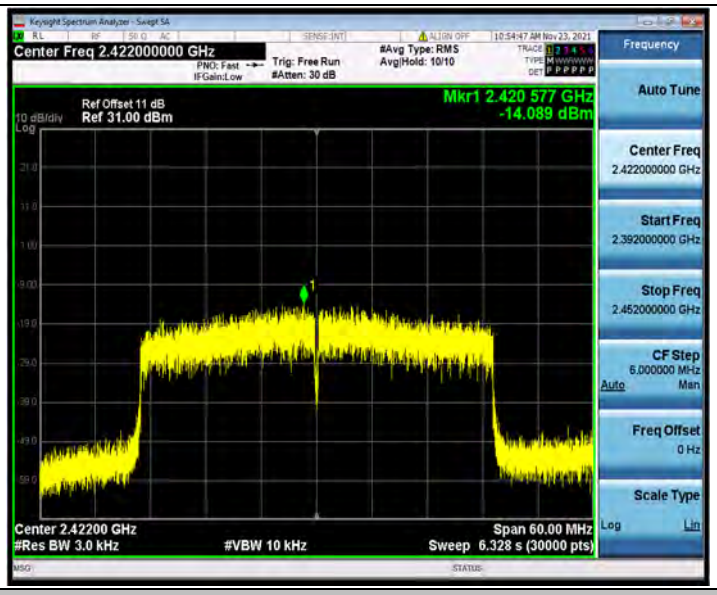


11AX40SISO_Ant1_2422_484Tone_RU65



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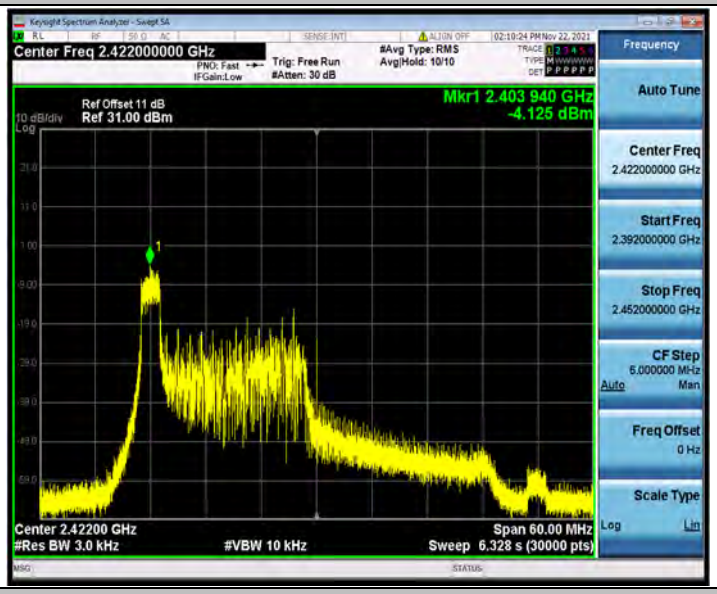
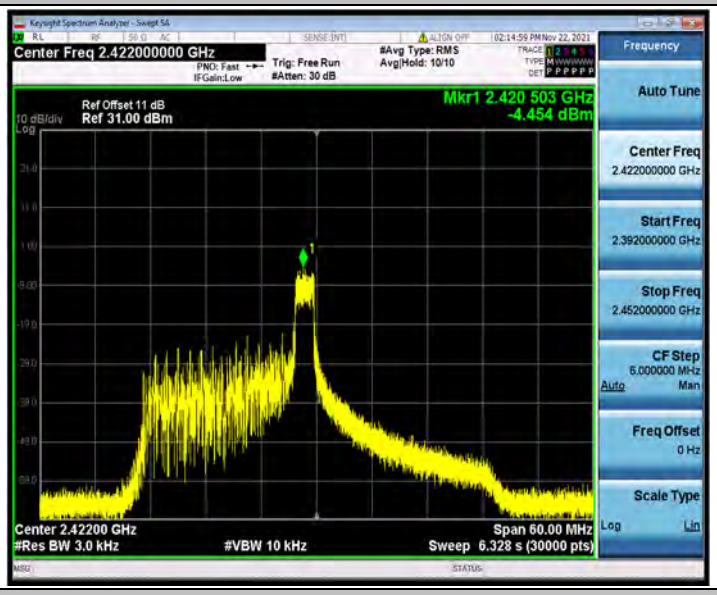


11AX40SISO_Ant2_2422_26Tone_RU8



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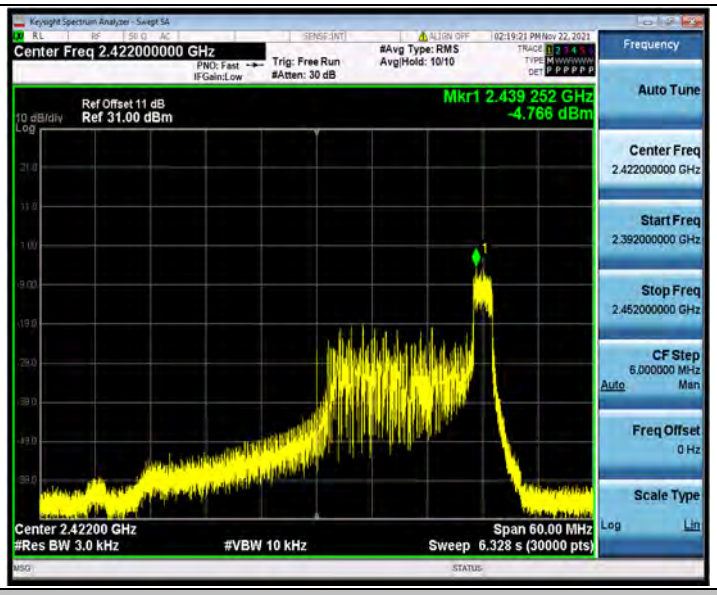

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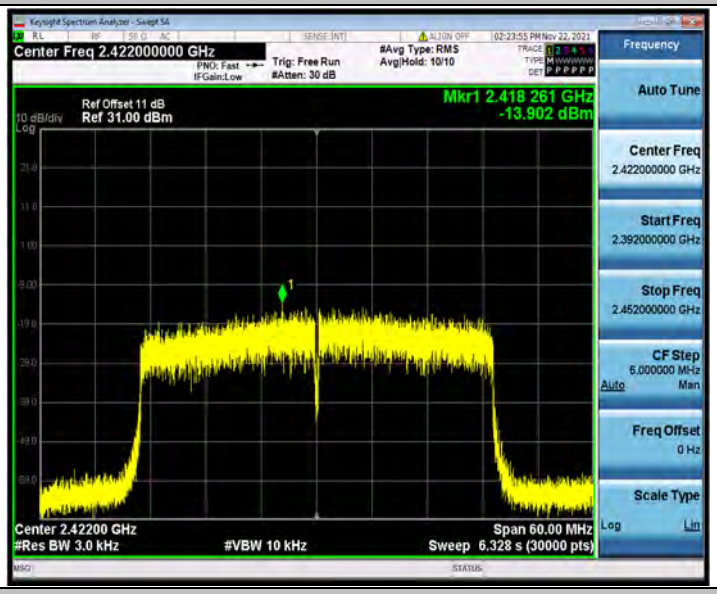

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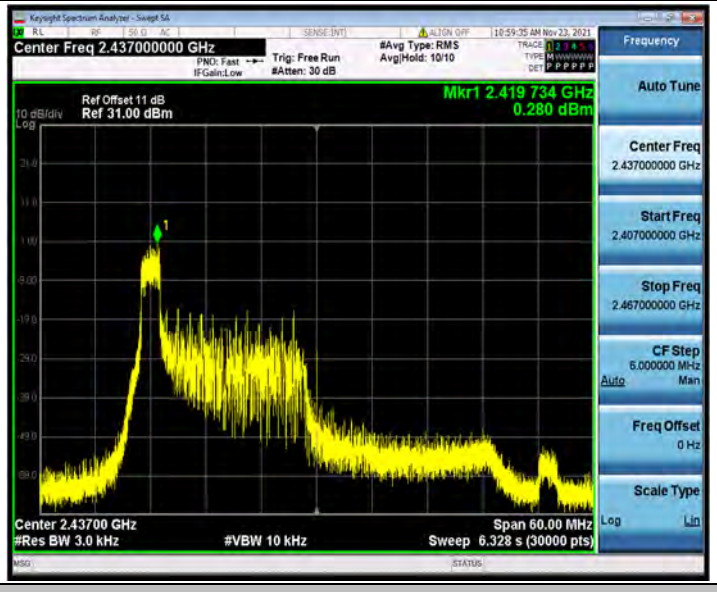

11AX40SISO_Ant1_2437_26Tone_RU8