



**BUREAU
VERITAS**

Test Report No.: W7L-P21100025RF02

BT-LE _S2

CHANNEL	TX Channel 0	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	51.72	60.48	74	-22.28	31.75	5.86	46.37	213	245	Peak
2390	44.3	53.06	54	-9.7	31.75	5.86	46.37	213	245	Average
2402	95.47	104.17	/	/	31.79	5.88	46.37	213	245	Peak
2402	95.02	103.72	/	/	31.79	5.88	46.37	213	245	Average
2483.5	51.86	60.19	74	-22.14	32.05	5.99	46.37	213	245	Peak
2483.5	44.04	52.37	54	-9.96	32.05	5.99	46.37	213	245	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	53.21	61.58	74	-20.79	32.14	5.86	46.37	105	285	Peak
2390	44.78	53.15	54	-9.22	32.14	5.86	46.37	105	285	Average
2402	90.27	98.6	/	/	32.16	5.88	46.37	105	285	Peak
2402	89.47	97.8	/	/	32.16	5.88	46.37	105	285	Average
2483.5	53.37	61.39	74	-20.63	32.36	5.99	46.37	105	285	Peak
2483.5	44.76	52.78	54	-9.24	32.36	5.99	46.37	105	285	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 2402MHz: Fundamental frequency.



**BUREAU
VERITAS**

Test Report No.: W7L-P21100025RF02

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	52.08	60.84	74	-21.92	31.75	5.86	46.37	113	245	Peak
2390	44.72	53.48	54	-9.28	31.75	5.86	46.37	113	245	Average
2440	91.96	100.49	/	/	31.91	5.93	46.37	113	245	Peak
2440	91.53	100.06	/	/	31.91	5.93	46.37	113	245	Average
2483.5	51.87	60.2	74	-22.13	32.05	5.99	46.37	113	245	Peak
2483.5	44.85	53.18	54	-9.15	32.05	5.99	46.37	113	245	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	54.47	62.84	74	-19.53	32.14	5.86	46.37	105	285	Peak
2390	44.7	53.07	54	-9.3	32.14	5.86	46.37	105	285	Average
2440	92.44	100.62	/	/	32.26	5.93	46.37	105	285	Peak
2440	91.97	100.15	/	/	32.26	5.93	46.37	105	285	Average
2483.5	54.72	62.74	74	-19.28	32.36	5.99	46.37	105	285	Peak
2483.5	45.22	53.24	54	-8.78	32.36	5.99	46.37	105	285	Average

REMARKS:

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



**BUREAU
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Test Report No.: W7L-P21100025RF02

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	53.72	62.48	74	-20.28	31.75	5.86	46.37	113	245	Peak
2390	44.51	53.27	54	-9.49	31.75	5.86	46.37	113	245	Average
2480	96	104.35	/	/	32.04	5.98	46.37	113	245	Peak
2480	95.61	103.96	/	/	32.04	5.98	46.37	113	245	Average
2483.5	54.81	63.14	74	-19.19	32.05	5.99	46.37	113	245	Peak
2483.5	44.53	52.86	54	-9.47	32.05	5.99	46.37	113	245	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	53.56	61.93	74	-20.44	32.14	5.86	46.37	105	285	Peak
2390	44.2	52.57	54	-9.8	32.14	5.86	46.37	105	285	Average
2480	91.32	99.36	/	/	32.35	5.98	46.37	105	285	Peak
2480	91.01	99.05	/	/	32.35	5.98	46.37	105	285	Average
2483.5	54.52	62.54	74	-19.48	32.36	5.99	46.37	105	285	Peak
2483.5	44.91	52.93	54	-9.09	32.36	5.99	46.37	105	285	Average

REMARKS:

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



**BUREAU
VERITAS**

Test Report No.: W7L-P21100025RF02

BT-LE _S8

CHANNEL	TX Channel 0	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	51.1	59.86	74	-22.9	31.75	5.86	46.37	113	245	Peak
2390	43.85	52.61	54	-10.15	31.75	5.86	46.37	113	245	Average
2402	94.56	103.26	/	/	31.79	5.88	46.37	113	245	Peak
2402	93.02	101.72	/	/	31.79	5.88	46.37	113	245	Average
2483.5	50.9	59.23	74	-23.1	32.05	5.99	46.37	113	245	Peak
2483.5	44.76	53.09	54	-9.24	32.05	5.99	46.37	113	245	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	51.48	59.85	74	-22.52	32.14	5.86	46.37	105	285	Peak
2390	44.19	52.56	54	-9.81	32.14	5.86	46.37	105	285	Average
2402	92.93	101.26	/	/	32.16	5.88	46.37	105	285	Peak
2402	92.54	100.87	/	/	32.16	5.88	46.37	105	285	Average
2483.5	52.25	60.27	74	-21.75	32.36	5.99	46.37	105	285	Peak
2483.5	45.19	53.21	54	-8.81	32.36	5.99	46.37	105	285	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 2402MHz: Fundamental frequency.



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Test Report No.: W7L-P21100025RF02

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	53.08	61.84	74	-20.92	31.75	5.86	46.37	113	245	Peak
2390	43.91	52.67	54	-10.09	31.75	5.86	46.37	113	245	Average
2440	94.73	103.26	/	/	31.91	5.93	46.37	113	245	Peak
2440	94.33	102.86	/	/	31.91	5.93	46.37	113	245	Average
2483.5	52.53	60.86	74	-21.47	32.05	5.99	46.37	113	245	Peak
2483.5	44.52	52.85	54	-9.48	32.05	5.99	46.37	113	245	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	51.77	60.14	74	-22.23	32.14	5.86	46.37	105	285	Peak
2390	44.14	52.51	54	-9.86	32.14	5.86	46.37	105	285	Average
2440	92.47	100.65	/	/	32.26	5.93	46.37	105	285	Peak
2440	92.05	100.23	/	/	32.26	5.93	46.37	105	285	Average
2483.5	51.57	59.59	74	-22.43	32.36	5.99	46.37	105	285	Peak
2483.5	44.91	52.93	54	-9.09	32.36	5.99	46.37	105	285	Average

REMARKS:

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



**BUREAU
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Test Report No.: W7L-P21100025RF02

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	51.12	59.88	74	-22.88	31.75	5.86	46.37	113	245	Peak
2390	43.7	52.46	54	-10.3	31.75	5.86	46.37	113	245	Average
2480	95.86	104.21	/	/	32.04	5.98	46.37	113	245	Peak
2480	95.51	103.86	/	/	32.04	5.98	46.37	113	245	Average
2483.5	54.43	62.76	74	-19.57	32.05	5.99	46.37	113	245	Peak
2483.5	45.16	53.49	54	-8.84	32.05	5.99	46.37	113	245	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	50.41	58.78	74	-23.59	32.14	5.86	46.37	105	285	Peak
2390	43.91	52.28	54	-10.09	32.14	5.86	46.37	105	285	Average
2480	94.53	102.57	/	/	32.35	5.98	46.37	105	285	Peak
2480	94.1	102.14	/	/	32.35	5.98	46.37	105	285	Average
2483.5	53.54	61.56	74	-20.46	32.36	5.99	46.37	105	285	Peak
2483.5	45.05	53.07	54	-8.95	32.36	5.99	46.37	105	285	Average

REMARKS:

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



3.3 6 dB BANDWIDTH MEASUREMENT

3.3.1 LIMITS OF 6dB BANDWIDTH MEASUREMENT

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

3.3.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Power Meter	ANRITSU	ML2495A	1506002	Feb. 25,21	Feb. 24,22
EXA Signal Analyzer	KEYSIGHT	N9010A-526	MY54510322	Feb. 25,21	Feb. 24,22
EXA Signal Analyzer	KEYSIGHT	N9010A-544	MY54510355	Apr. 26,21	Apr. 25,22
Power Sensor	ANRITSU	MA2411B	1339352	Feb. 25,21	Feb. 24,22

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

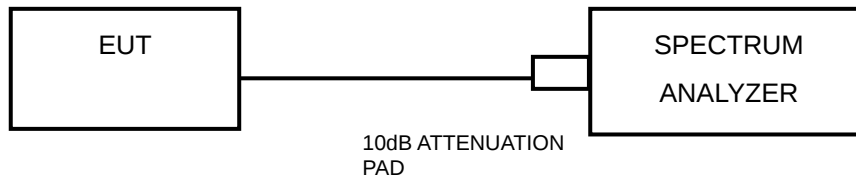
1. Set RBW = 100 kHz.
2. Set the video bandwidth (VBW) ≥ 3 RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points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



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3.3.7 TEST RESULTS

Please Refer to Appendix A/B Of this test report.



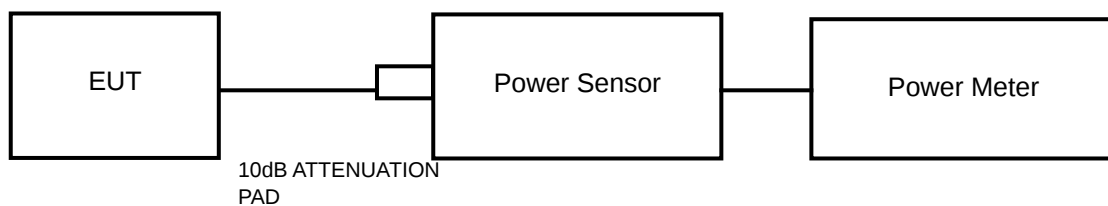
3.4 CONDUCTED OUTPUT POWER

3.4.1 LIMITS OF CONDUCTED OUTPUT POWER MEASUREMENT

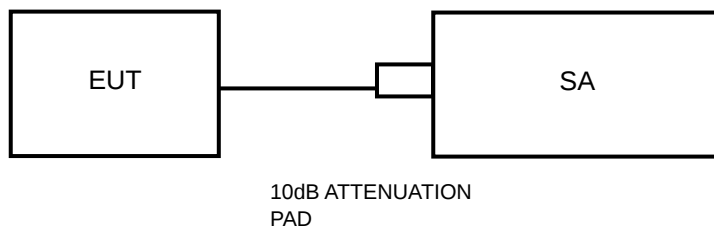
For systems using digital modulation in the 2400–2483.5 MHz band: 1 Watt (30dBm)

3.4.2 TEST SETUP

BT:



2.4G wifi:



3.4.3 TEST INSTRUMENTS

Refer to section 3.2.2 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.



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3.4.7 TEST RESULTS

3.4.7.1 MAXIMUM PEAK OUTPUT POWER

Please Refer to Appendix A/B Of this test report.



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3.4.7.2 AVERAGE OUTPUT POWER (FOR REFERENCE)

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

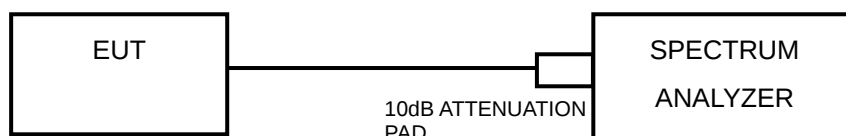
Please Refer to Appendix A/B Of this test report.

3.5 POWER SPECTRAL DENSITY MEASUREMENT

3.5.1 LIMITS OF POWER SPECTRAL DENSITY MEASUREMENT

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

3.5.2 TEST SETUP



3.5.3 TEST INSTRUMENTS

Refer to section 3.3.2 to get information of above instrument.

3.5.4 TEST PROCEDURE

1. Set the span to 1.5 times the DTS bandwidth
2. Set the RBW = 3 kHz, VBW $\geq 3 \times$ 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.



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3.5.7 TEST RESULTS

Please Refer to Appendix A/B Of this test report.

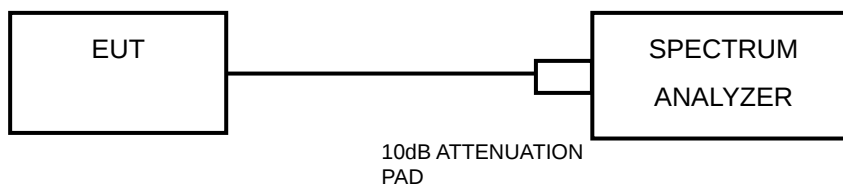


3.6 OUT OF BAND EMISSION MEASUREMENT

3.6.1 LIMITS OF OUT OF BAND EMISSION MEASUREMENT

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

3.6.2 TEST SETUP



3.6.3 TEST INSTRUMENTS

Refer to section 3.3.2 to get information of above instrument.

3.6.4 TEST PROCEDURE

MEASUREMENT PROCEDURE REF

1. Set the RBW = 100 kHz.
2. Set the VBW $\geq$ 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 OOB

1. Set RBW = 100 kHz.
2. Set VBW $\geq$ 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 A/B Of this test report.



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4 PHOTOGRAPHS OF THE TEST CONFIGURATION

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



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

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



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6 AppendixA

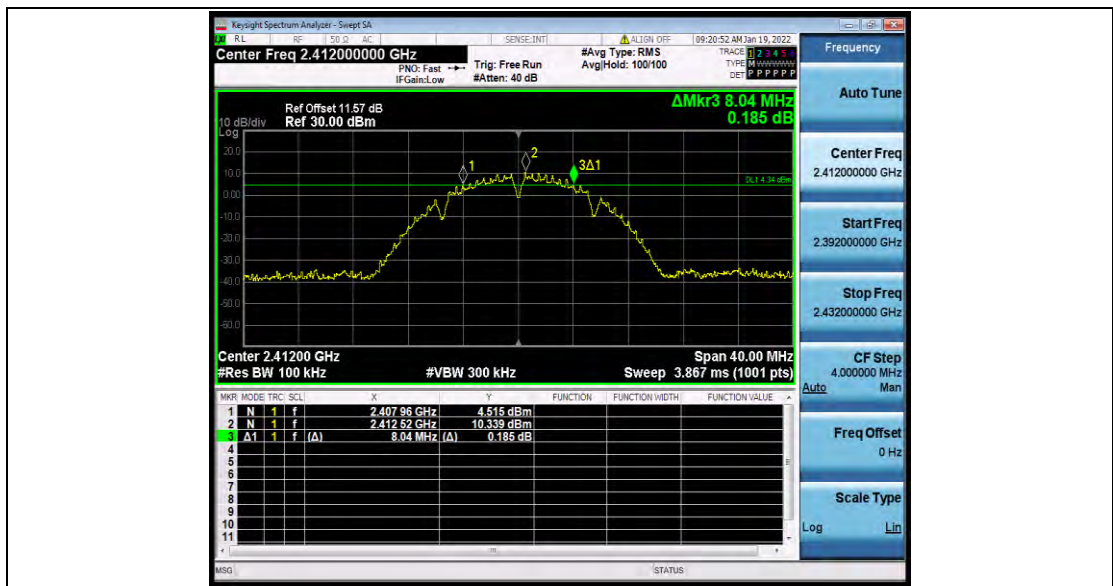
Appendix A: 2.4G WLAN

DTS Bandwidth

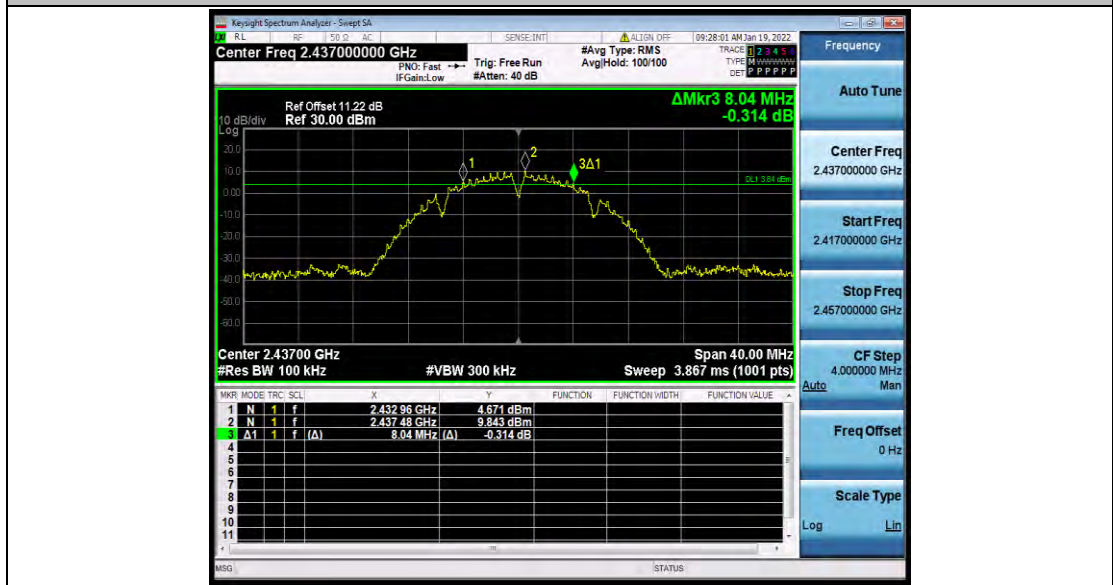
Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.040	2407.960	2416.000	0.5	PASS
		2437	8.040	2432.960	2441.000	0.5	PASS
		2462	7.520	2458.440	2465.960	0.5	PASS
11G	Ant1	2412	14.240	2405.680	2419.920	0.5	PASS
		2437	15.680	2428.840	2444.520	0.5	PASS
		2462	12.000	2455.880	2467.880	0.5	PASS
11N20SISO	Ant1	2412	17.160	2403.640	2420.800	0.5	PASS
		2437	15.400	2429.120	2444.520	0.5	PASS
		2462	14.440	2454.440	2468.880	0.5	PASS
11N40SISO	Ant1	2422	33.840	2405.680	2439.520	0.5	PASS
		2437	35.120	2419.400	2454.520	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS

Test Graphs



11B_Ant1_2412



11B_Ant1_2437



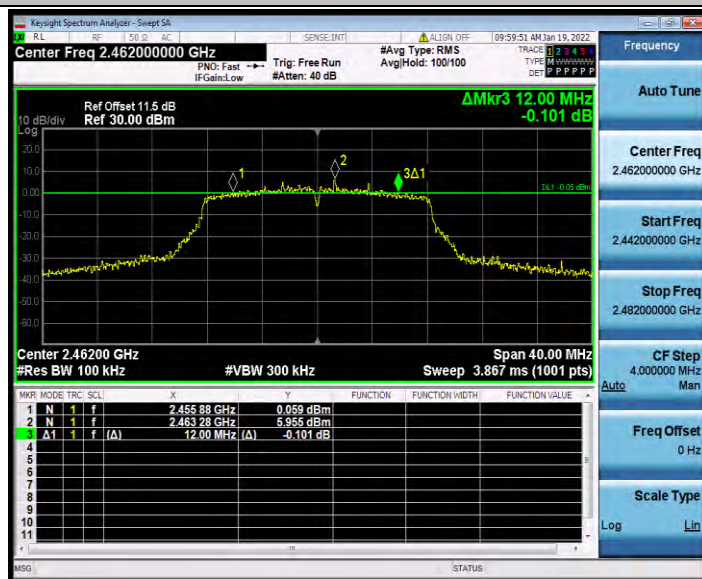
11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



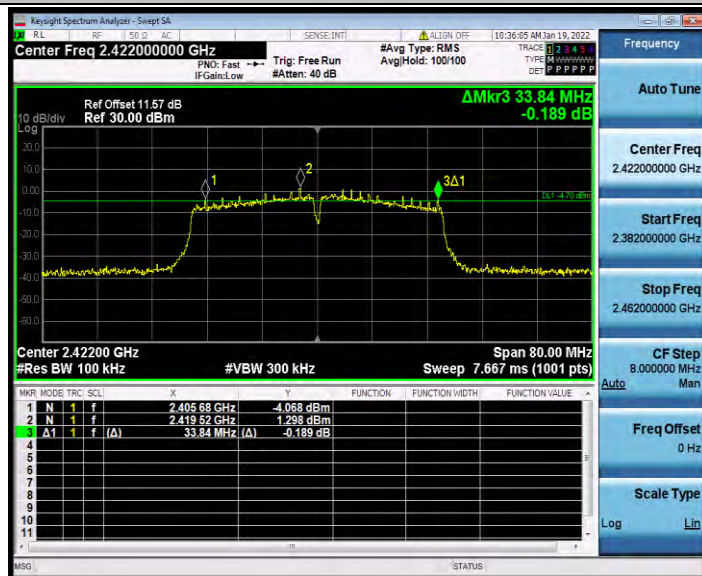
11N20SISO_Ant1_2412



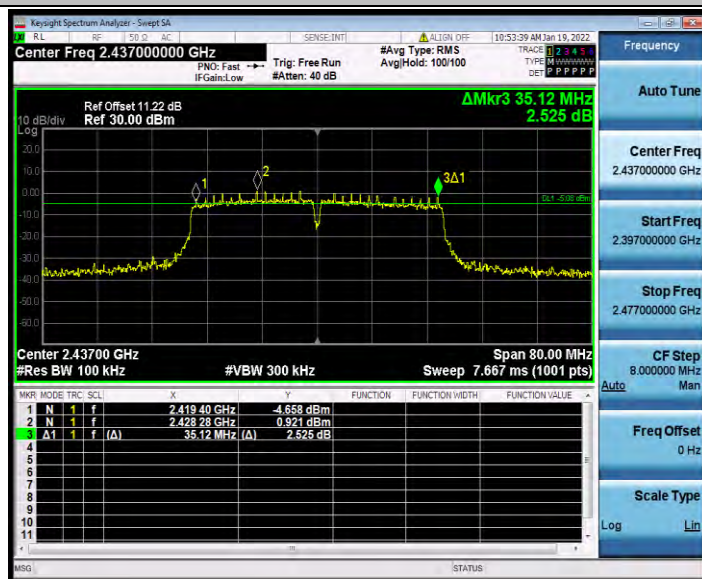
11N20SISO_Ant1_2437



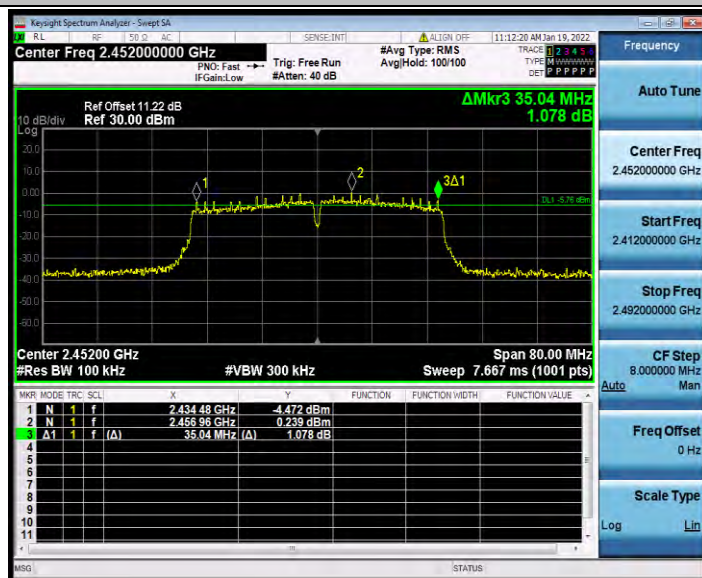
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



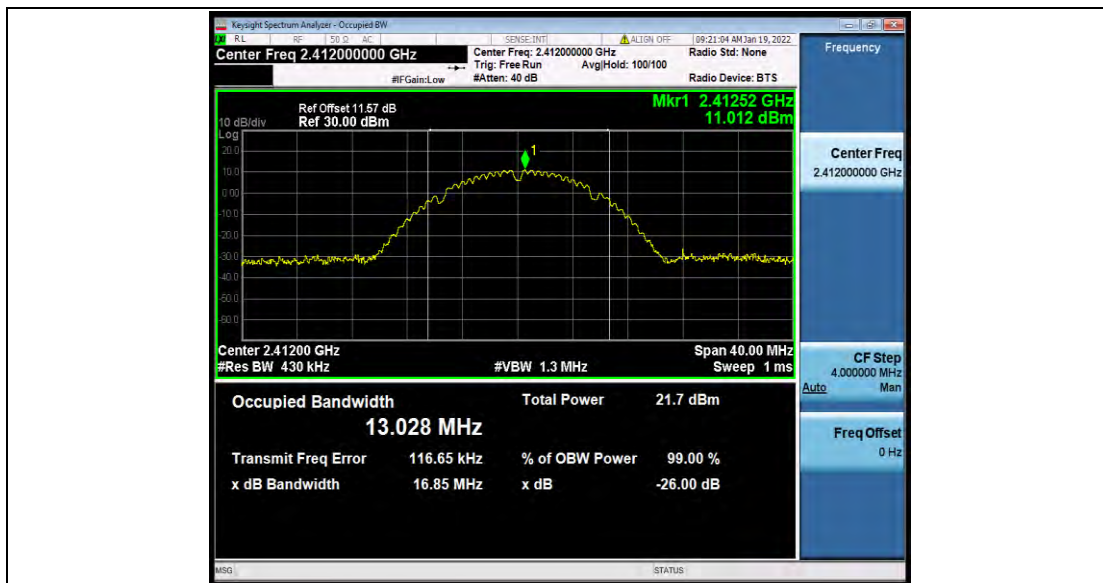
11N40SISO_Ant1_2452

Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.028	2405.603	2418.631	---	PASS
		2437	13.263	2430.275	2443.538	---	PASS
		2462	13.015	2455.482	2468.497	---	PASS
11G	Ant1	2412	16.955	2403.620	2420.575	---	PASS
		2437	17.050	2428.373	2445.423	---	PASS
		2462	16.777	2453.587	2470.364	---	PASS
11N20SISO	Ant1	2412	17.897	2403.110	2421.007	---	PASS
		2437	17.997	2427.966	2445.963	---	PASS
		2462	17.707	2453.149	2470.856	---	PASS
11N40SISO	Ant1	2422	35.855	2404.068	2439.923	---	PASS
		2437	36.413	2418.796	2455.209	---	PASS
		2452	36.059	2433.969	2470.028	---	PASS

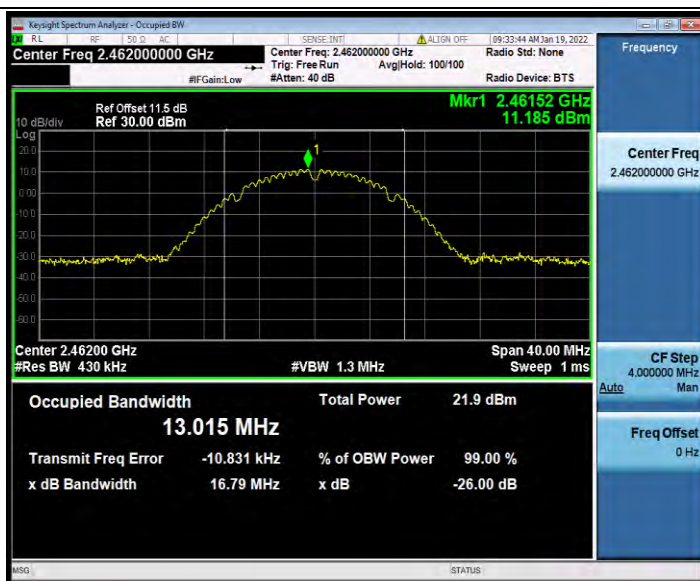
Test Graphs



11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



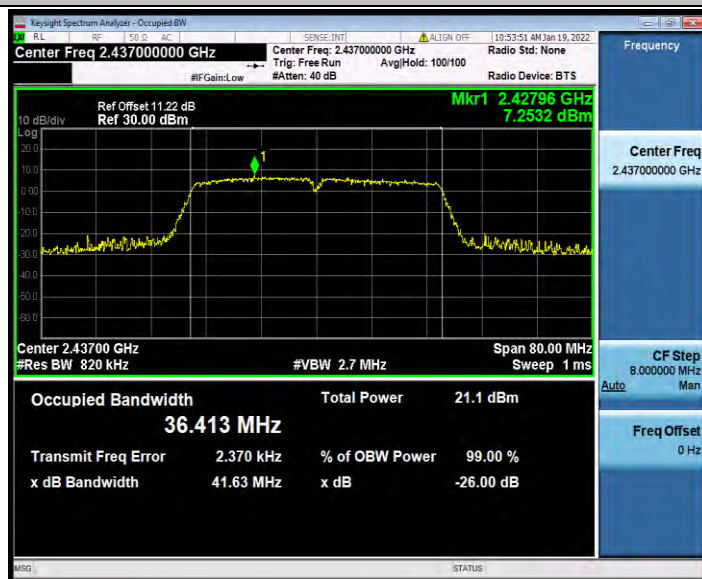
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

Maximum conducted output power

Test Result Peak

TestMode	Antenna	Channel	Peak Power[dBm]	Peak Power[mw]	Conducted Limit[dBm]	Verdict	Power setting
11B	Ant1	2412	20.18	104.23	≤30	PASS	17
		2437	20.54	113.24	≤30	PASS	16
		2462	20.21	104.95	≤30	PASS	17
11G	Ant1	2412	24.10	257.04	≤30	PASS	15
		2437	24.83	304.09	≤30	PASS	14
		2462	24.19	262.42	≤30	PASS	15
11N20SISO	Ant1	2412	23.89	244.91	≤30	PASS	15
		2437	24.58	287.08	≤30	PASS	15
		2462	23.77	238.23	≤30	PASS	15
11N40SISO	Ant1	2422	23.95	248.31	≤30	PASS	13.5
		2437	24.47	279.90	≤30	PASS	14.5
		2452	23.62	230.14	≤30	PASS	13.5

Test Result Average

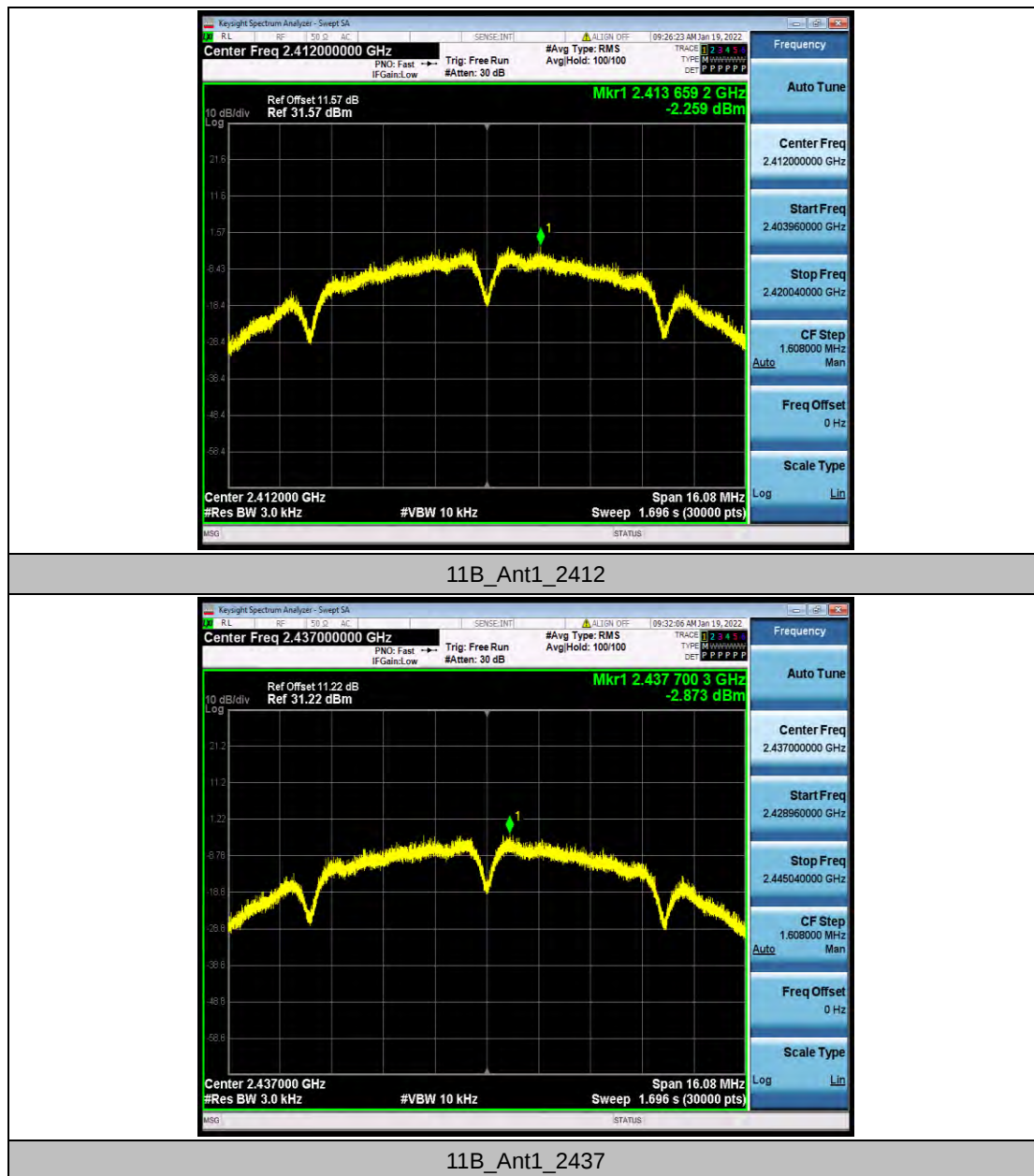
TestMode	Antenna	Channel	Average Power	Conducted Limit[dBm]	Verdict	Power setting
11B	Ant1	2412	18.03	/	PASS	17
		2437	18.27	/	PASS	16
		2462	18.07	/	PASS	17
11G	Ant1	2412	16.14	/	PASS	15
		2437	16.15	/	PASS	14
		2462	15.05	/	PASS	15
11N20SISO	Ant1	2412	13.68	/	PASS	15
		2437	13.72	/	PASS	15
		2462	12.35	/	PASS	15
11N40SISO	Ant1	2422	12.72	/	PASS	13.5
		2437	13.62	/	PASS	14.5
		2452	12.58	/	PASS	13.5

Maximum power spectral density

Test Result

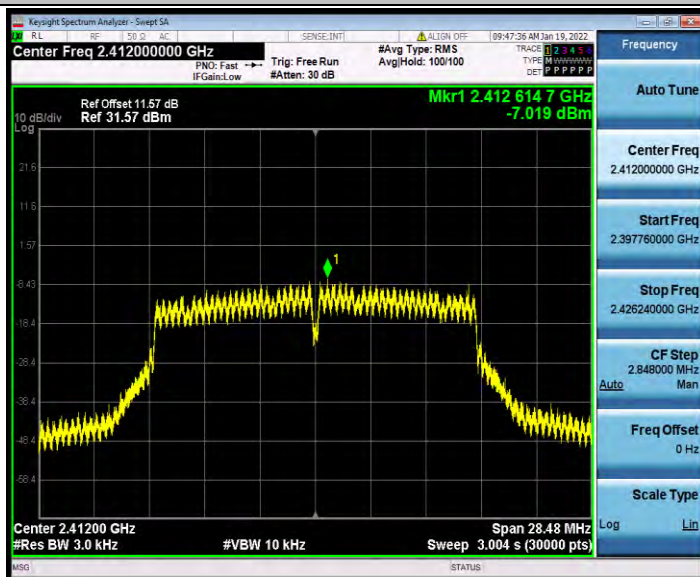
TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-2.26	≤8	PASS
		2437	-2.87	≤8	PASS
		2462	-2.14	≤8	PASS
11G	Ant1	2412	-7.02	≤8	PASS
		2437	-7.41	≤8	PASS
		2462	-7.37	≤8	PASS
11N20SISO	Ant1	2412	-9.2	≤8	PASS
		2437	-8.59	≤8	PASS
		2462	-10.1	≤8	PASS
11N40SISO	Ant1	2422	-11.92	≤8	PASS
		2437	-12.36	≤8	PASS
		2452	-12.61	≤8	PASS

Test Graphs





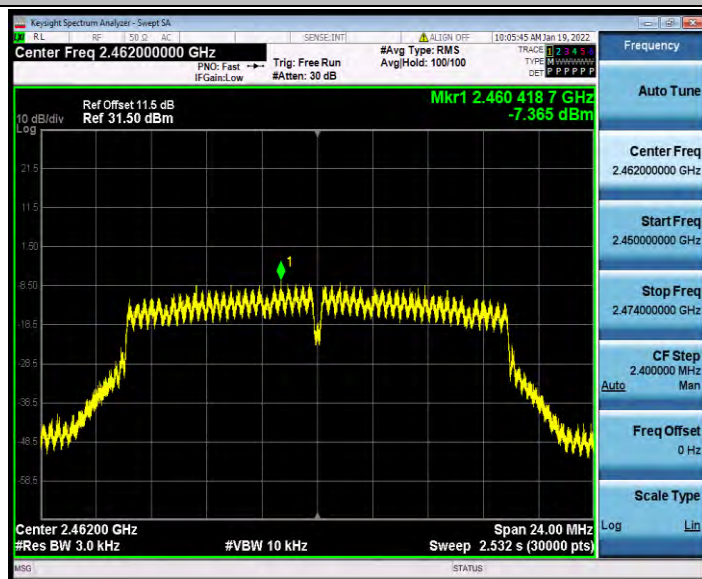
11B_Ant1_2462



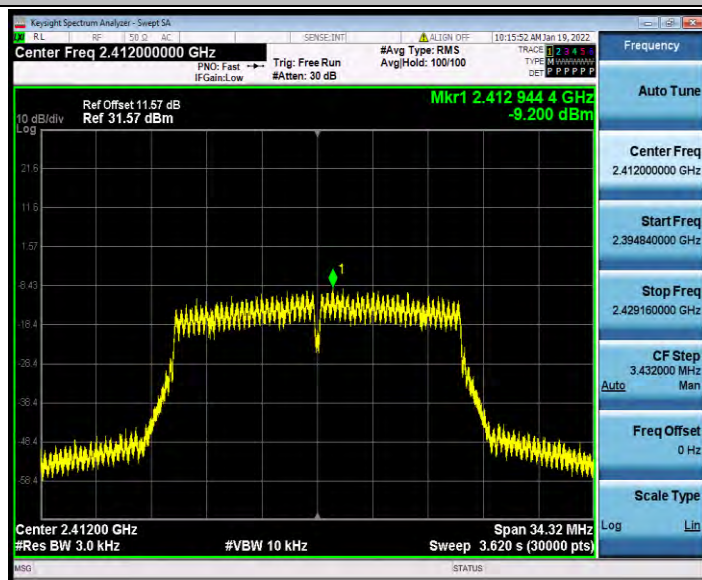
11G_Ant1_2412



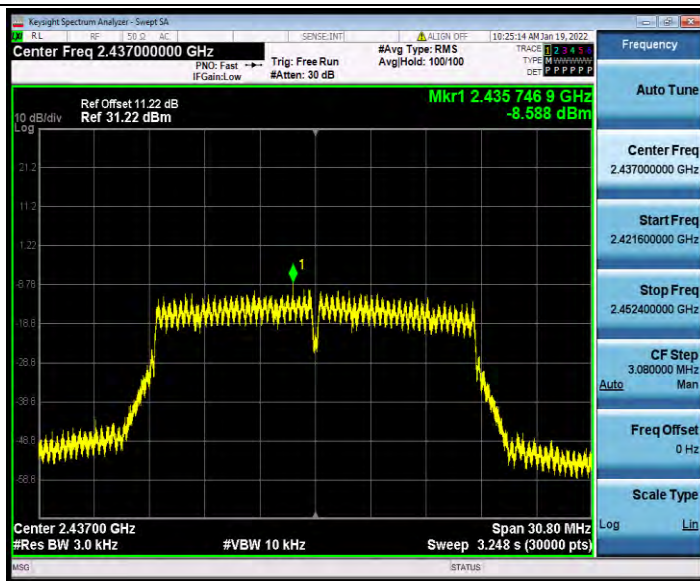
11G_Ant1_2437



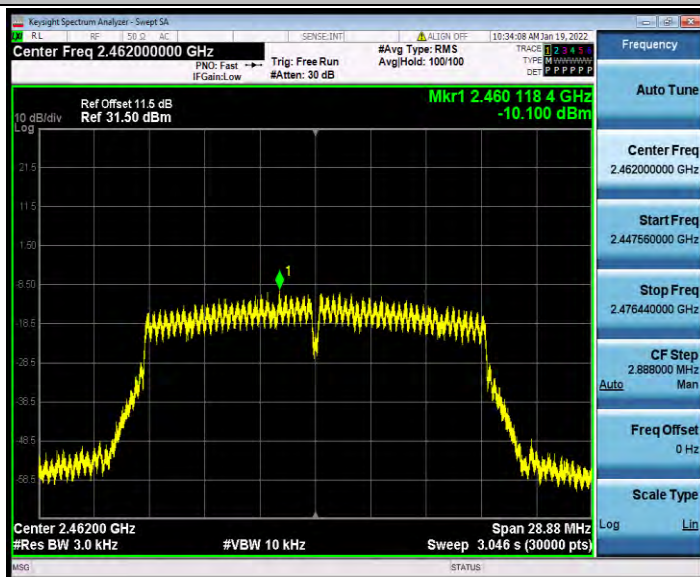
11G_Ant1_2462



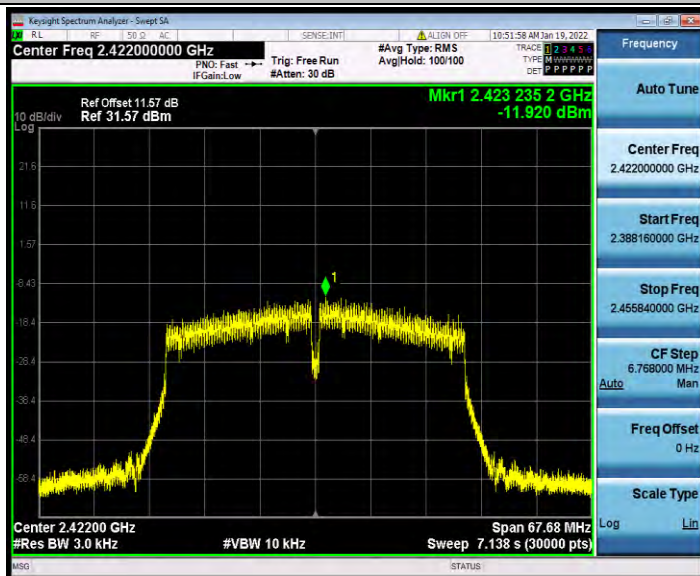
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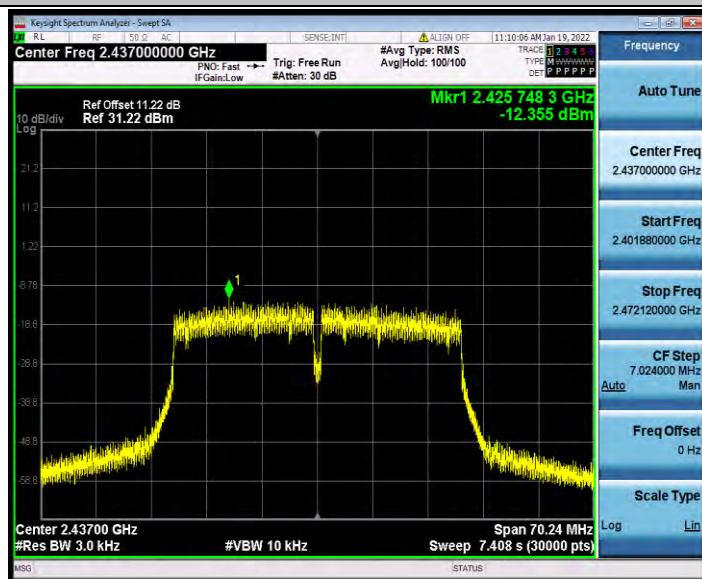
11N20SISO_Ant1_2437



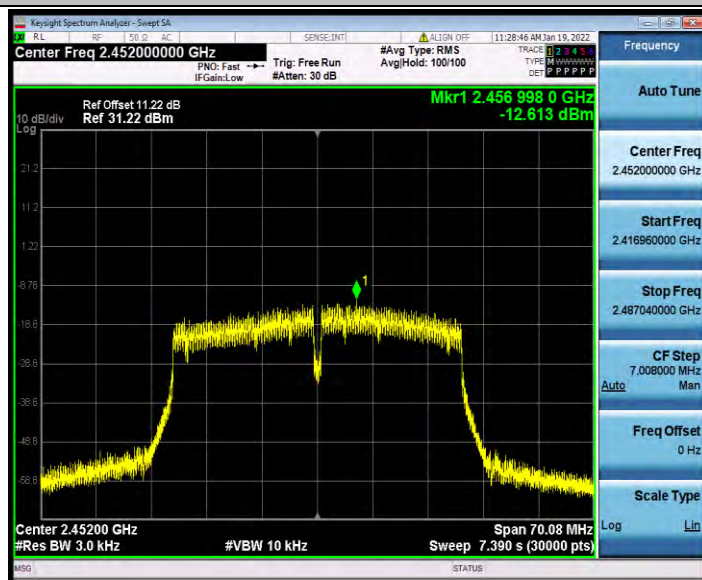
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	10.98	-38.47	≤ -9.02	PASS
		High	2462	10.58	-43.86	≤ -9.42	PASS
11G	Ant1	Low	2412	5.56	-25.82	≤ -14.44	PASS
		High	2462	5.97	-43.37	≤ -14.03	PASS
11N20SISO	Ant1	Low	2412	4.74	-29.05	≤ -15.26	PASS
		High	2462	3.36	-42.97	≤ -16.64	PASS
11N40SISO	Ant1	Low	2422	1.24	-37.57	≤ -18.76	PASS
		High	2452	0.67	-39.55	≤ -19.33	PASS

Test Graphs

