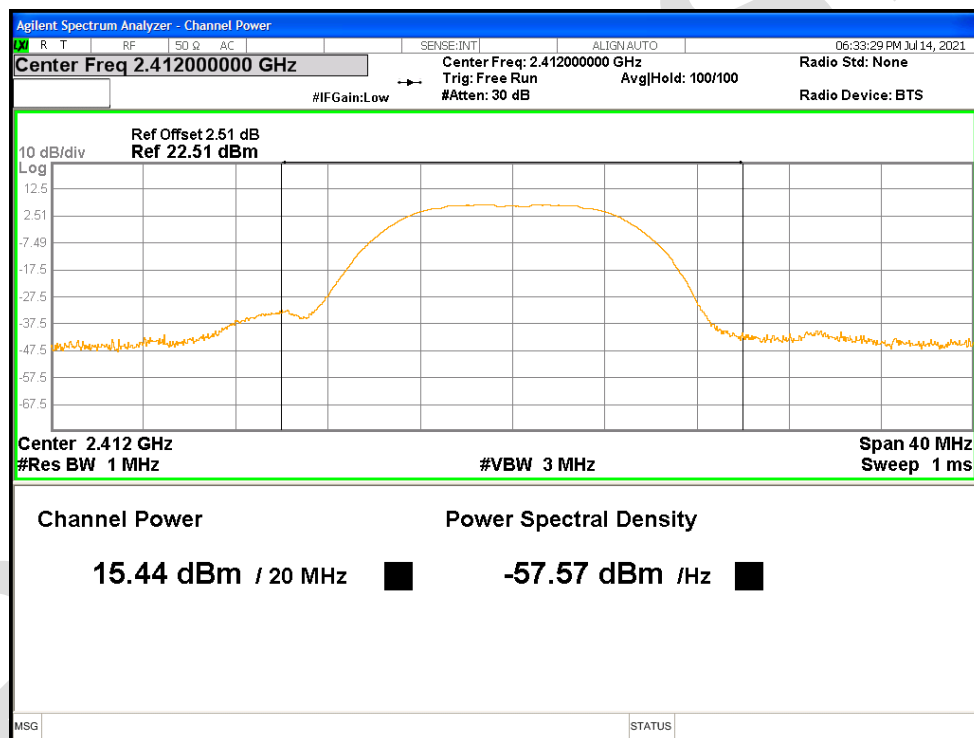


19 APPENDIX

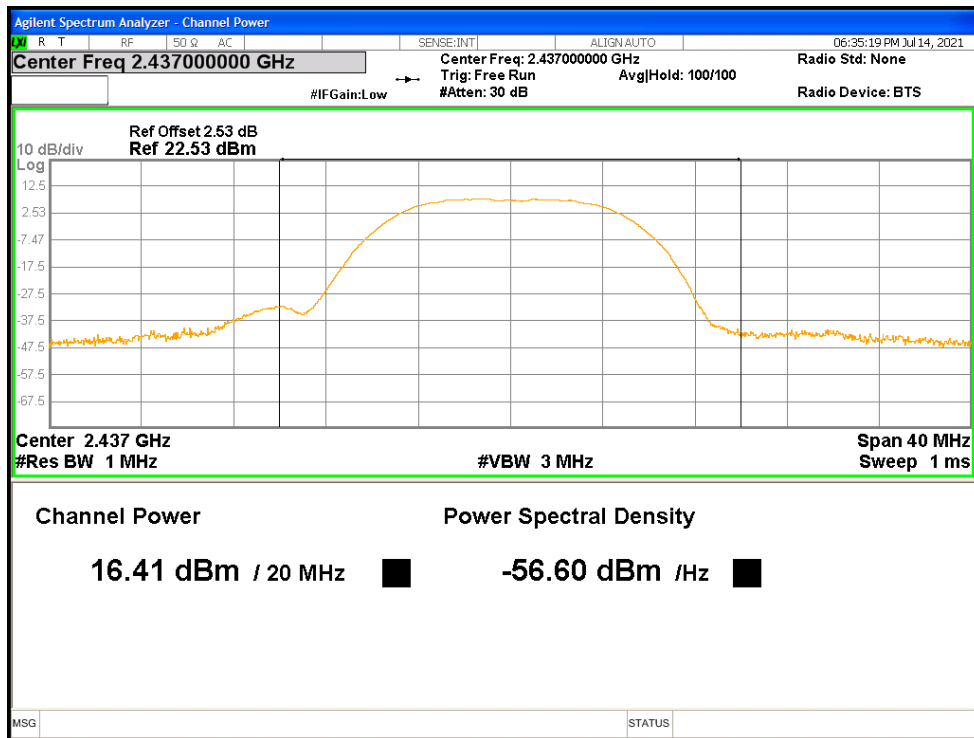
19.1 MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	15.443	30	Pass
NVNT	b	2437	Ant1	16.407	30	Pass
NVNT	b	2462	Ant1	15.637	30	Pass
NVNT	g	2412	Ant1	18.882	30	Pass
NVNT	g	2437	Ant1	19.797	30	Pass
NVNT	g	2462	Ant1	18.967	30	Pass
NVNT	n20	2412	Ant1	18.506	30	Pass
NVNT	n20	2437	Ant1	19.369	30	Pass
NVNT	n20	2462	Ant1	18.678	30	Pass

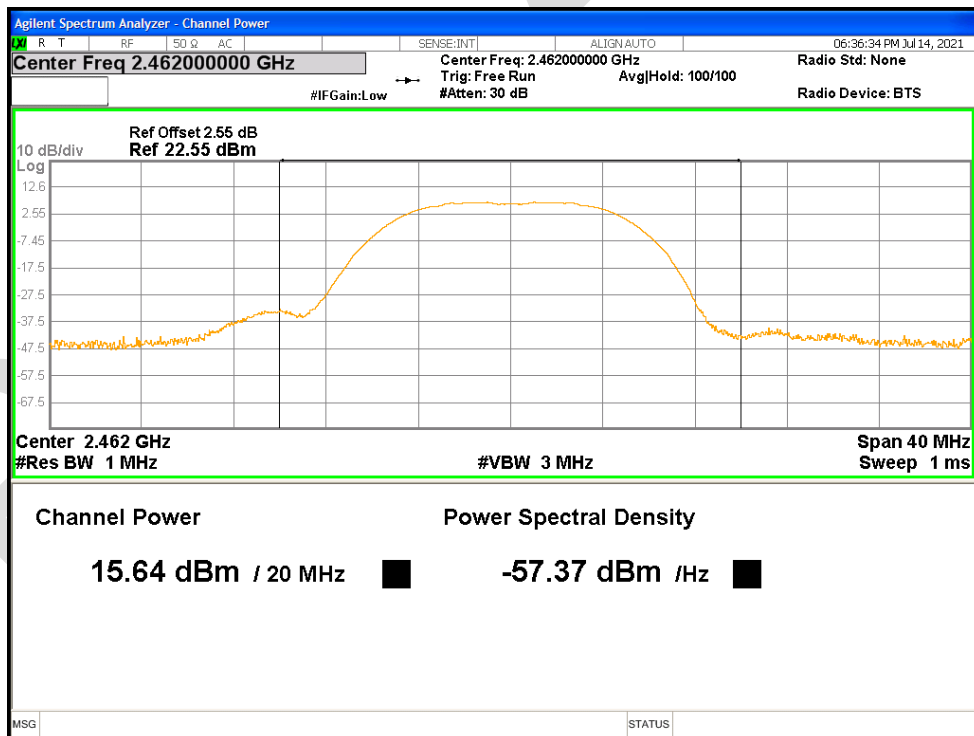
Power NVNT b 2412MHz Ant1



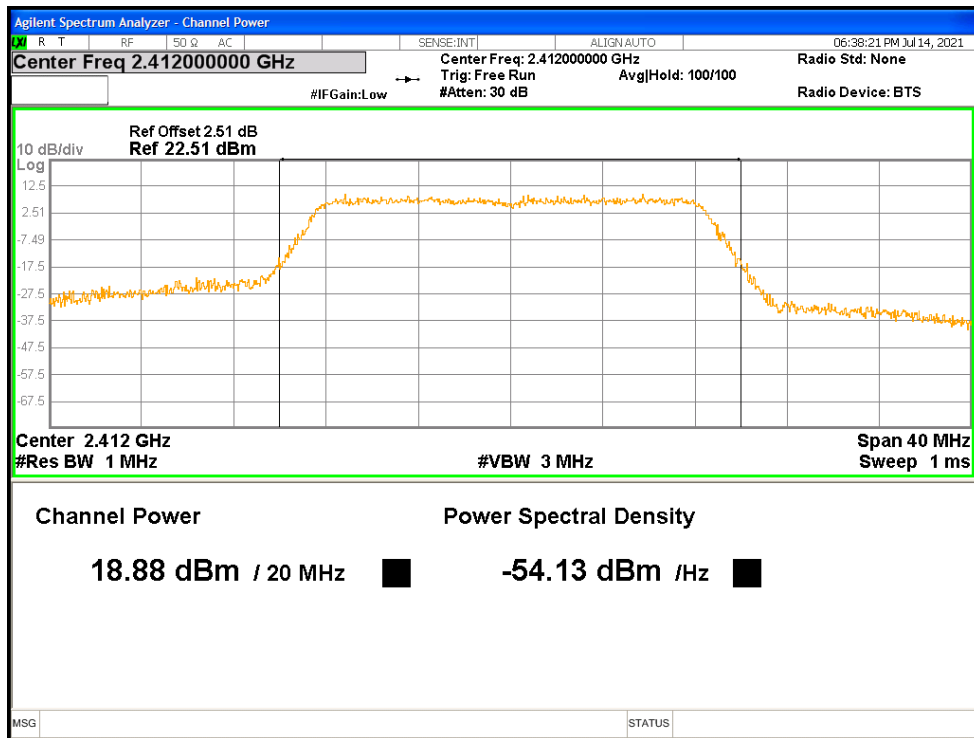
Power NVNT b 2437MHz Ant1



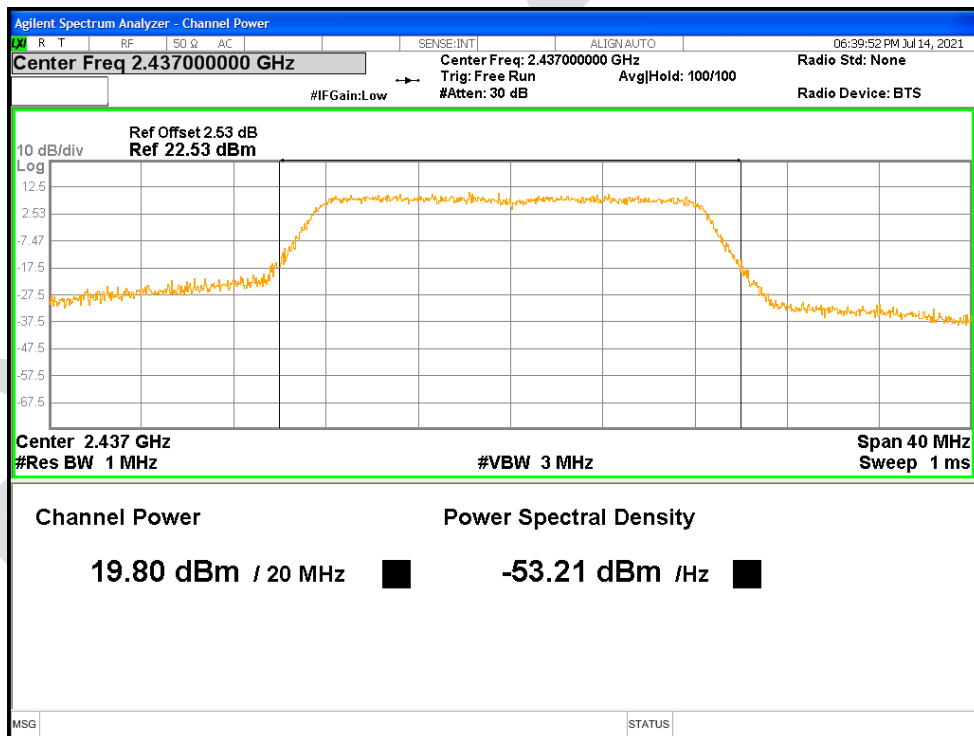
Power NVNT b 2462MHz Ant1



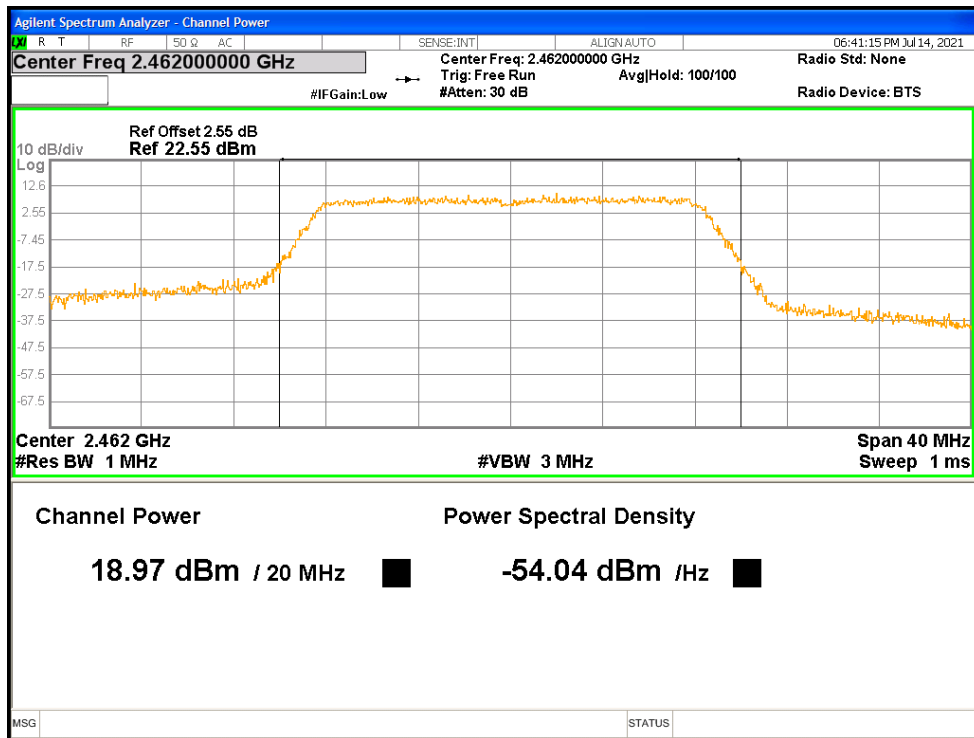
Power NVNT g 2412MHz Ant1



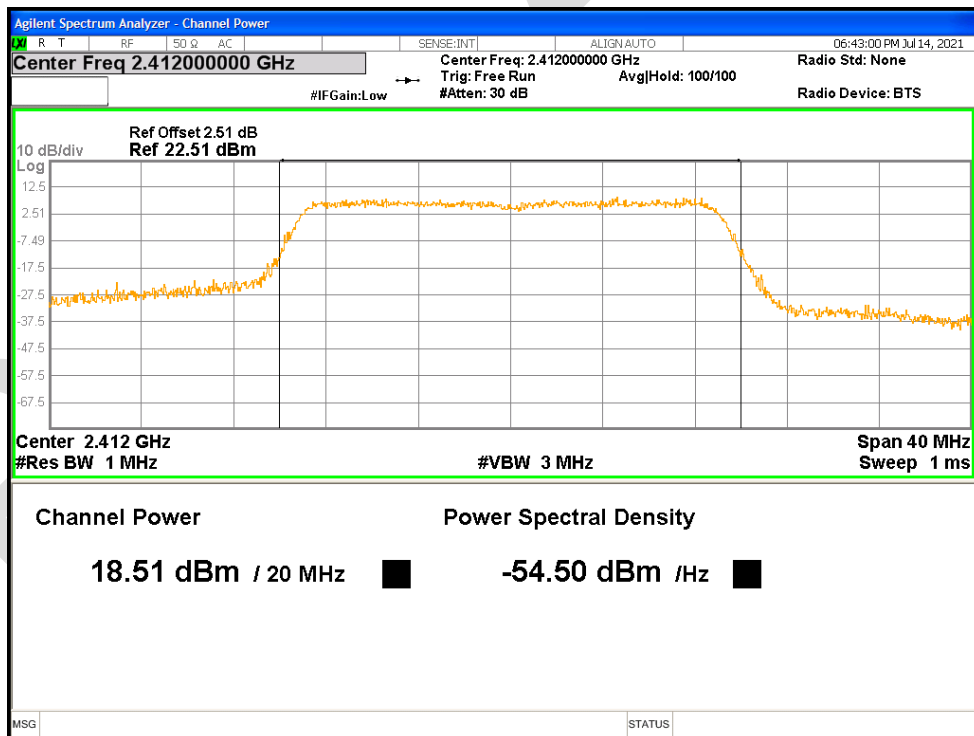
Power NVNT g 2437MHz Ant1



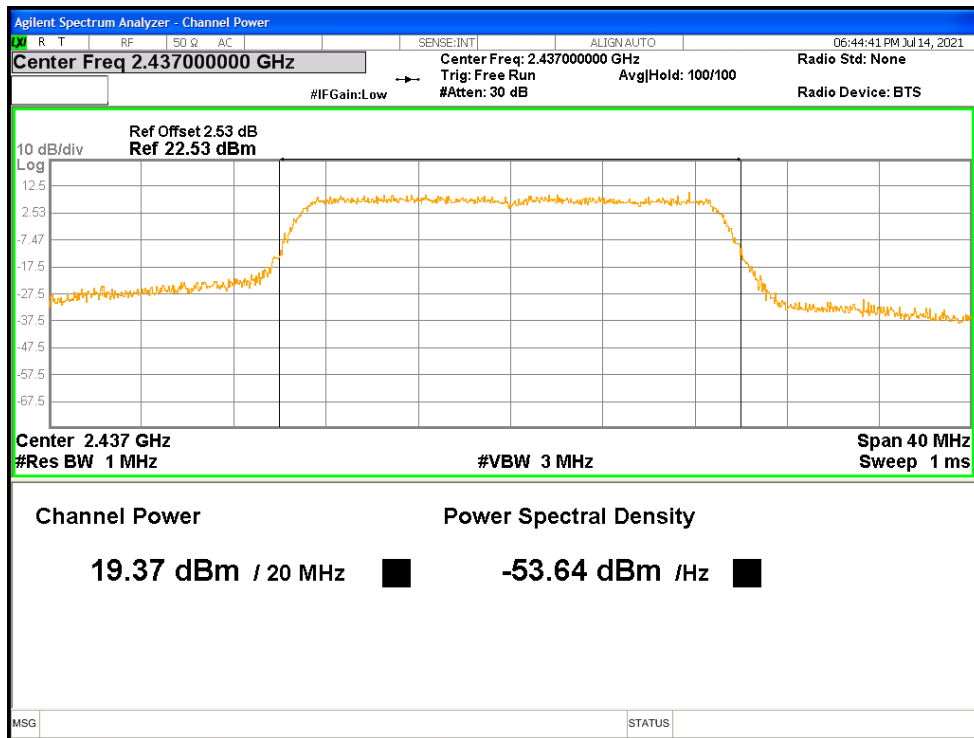
Power NVNT g 2462MHz Ant1



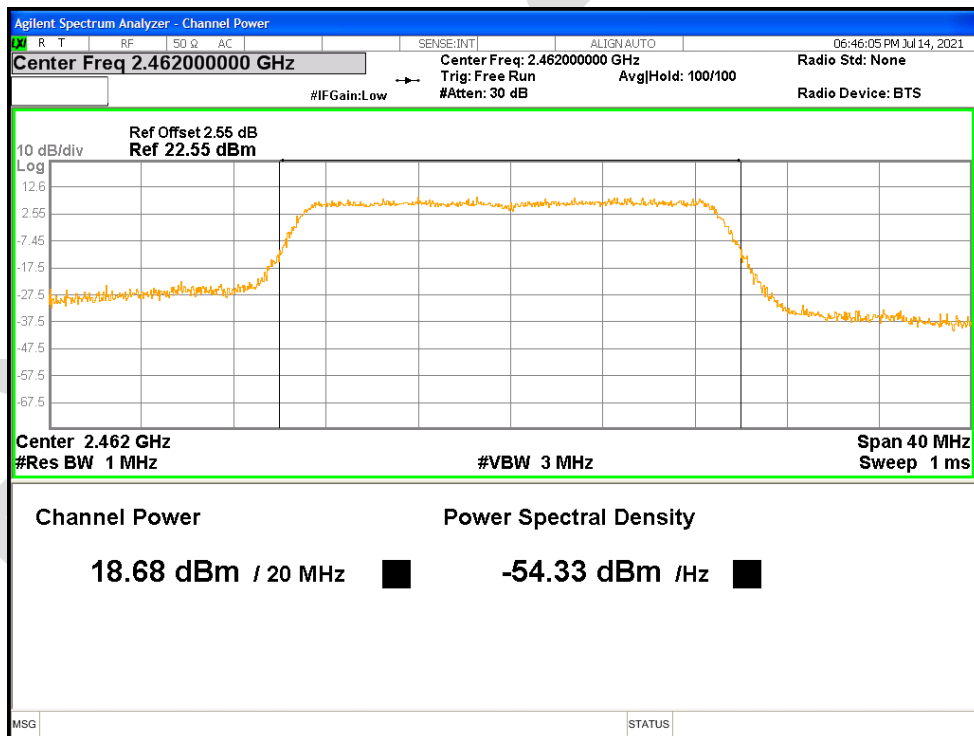
Power NVNT n20 2412MHz Ant1



Power NVNT n20 2437MHz Ant1



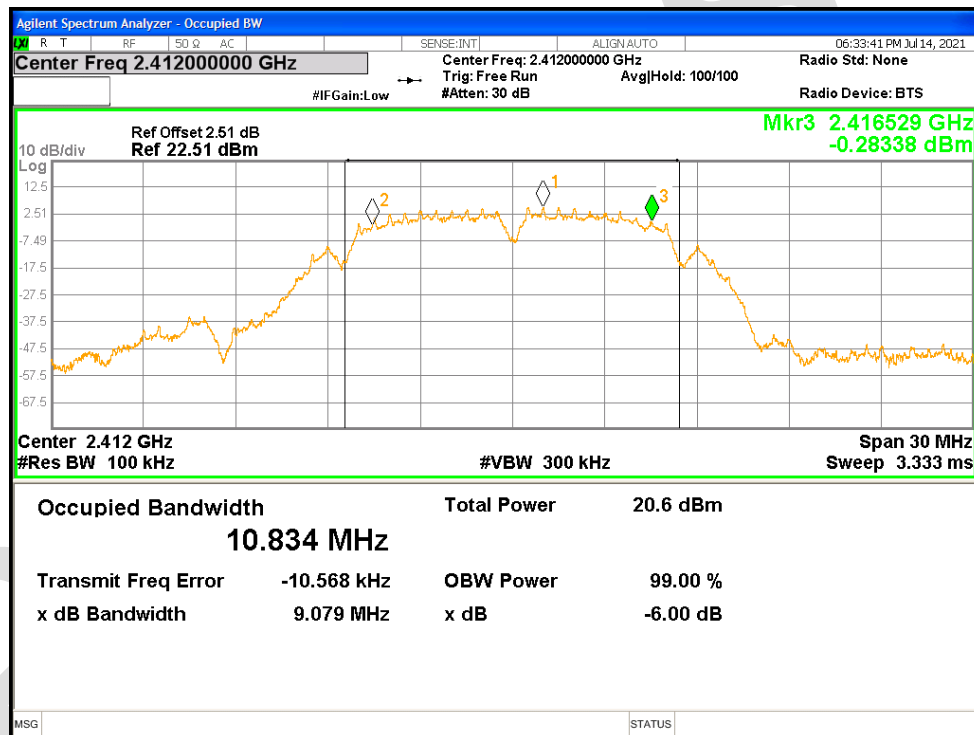
Power NVNT n20 2462MHz Ant1



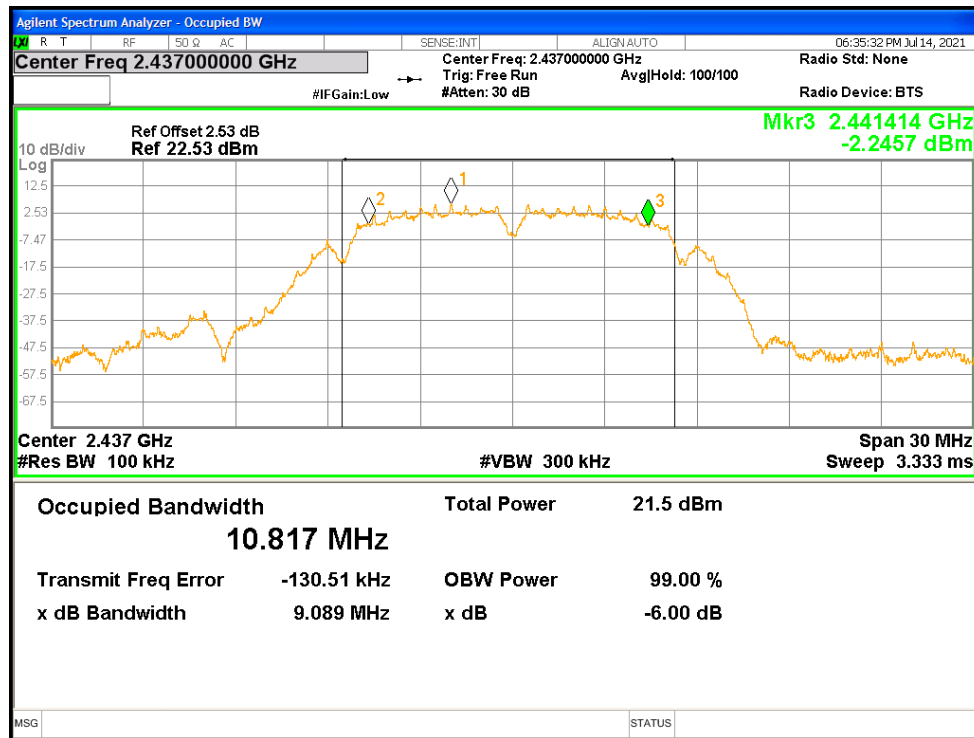
19.2 -6DB BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.079	0.5	Pass
NVNT	b	2437	Ant1	9.089	0.5	Pass
NVNT	b	2462	Ant1	9.099	0.5	Pass
NVNT	g	2412	Ant1	16.462	0.5	Pass
NVNT	g	2437	Ant1	16.427	0.5	Pass
NVNT	g	2462	Ant1	16.486	0.5	Pass
NVNT	n20	2412	Ant1	17.716	0.5	Pass
NVNT	n20	2437	Ant1	17.652	0.5	Pass
NVNT	n20	2462	Ant1	17.712	0.5	Pass

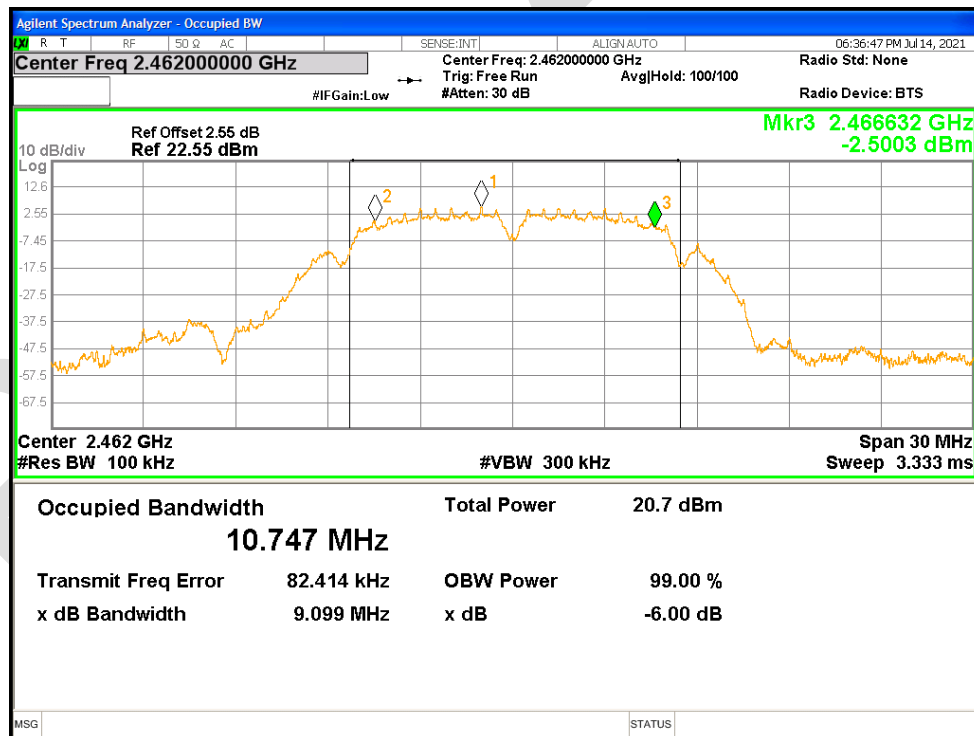
-6dB Bandwidth NVNT b 2412MHz Ant1



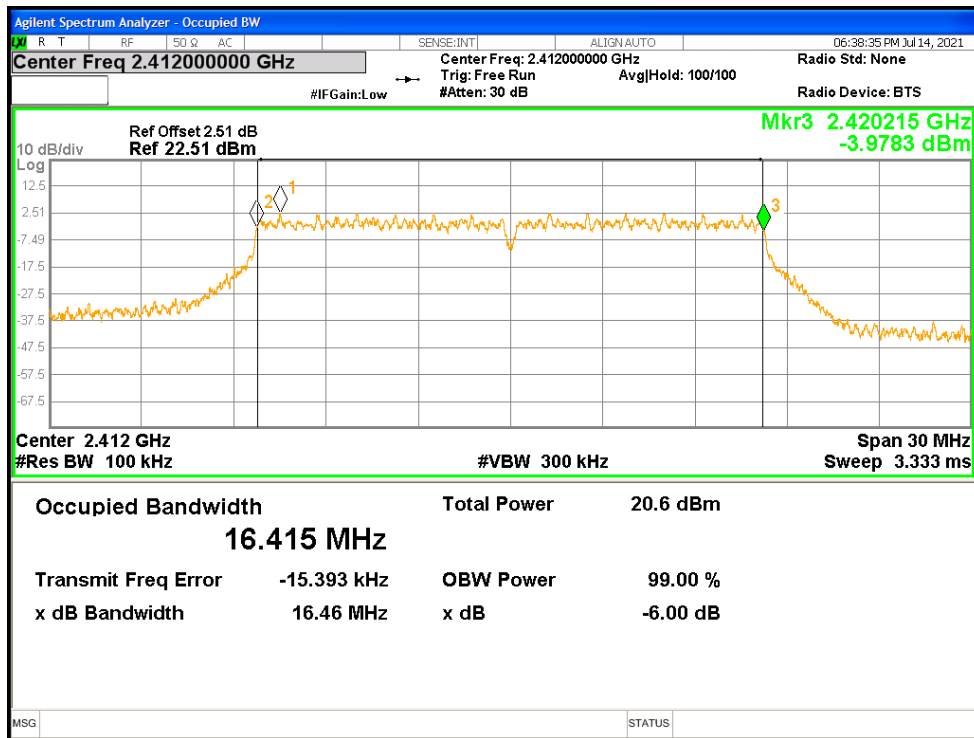
-6dB Bandwidth NVNT b 2437MHz Ant1



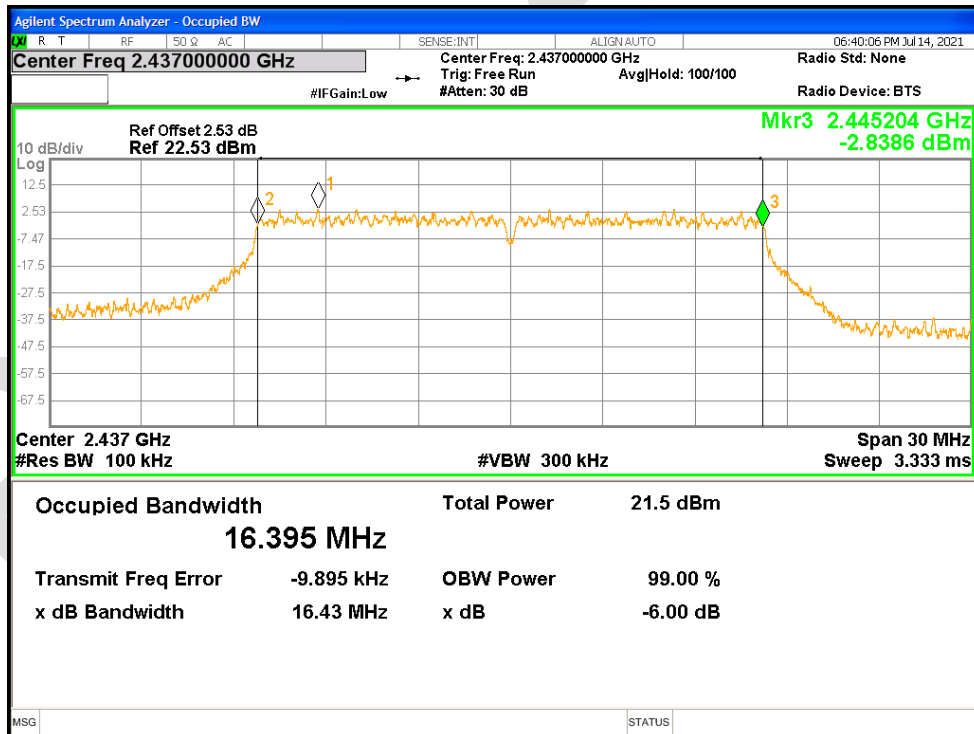
-6dB Bandwidth NVNT b 2462MHz Ant1



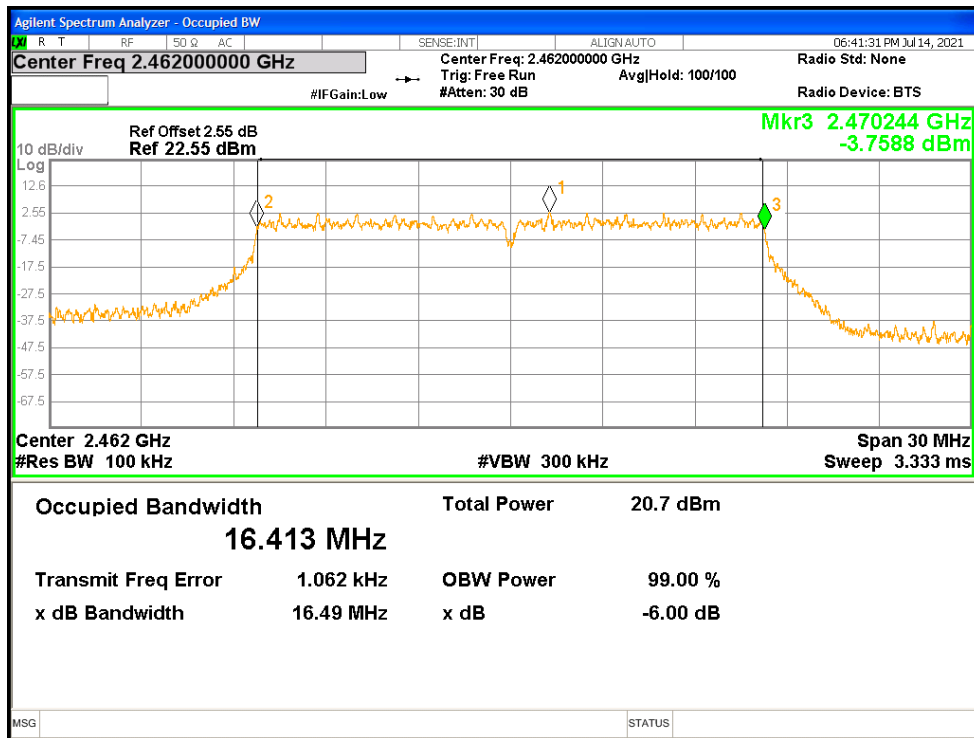
-6dB Bandwidth NVNT g 2412MHz Ant1



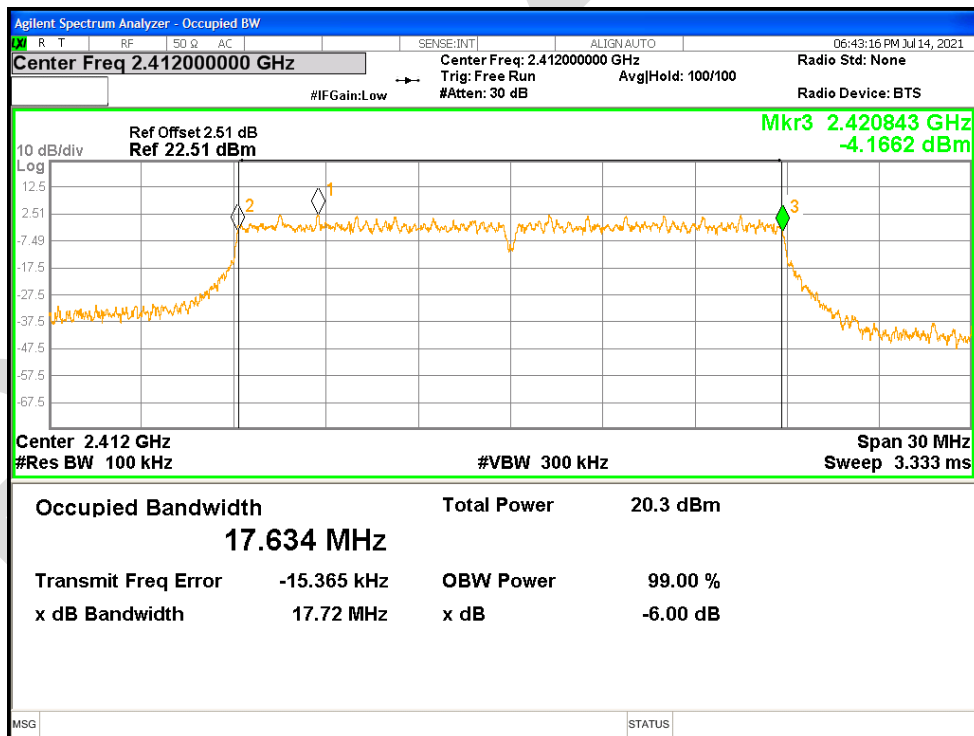
-6dB Bandwidth NVNT g 2437MHz Ant1



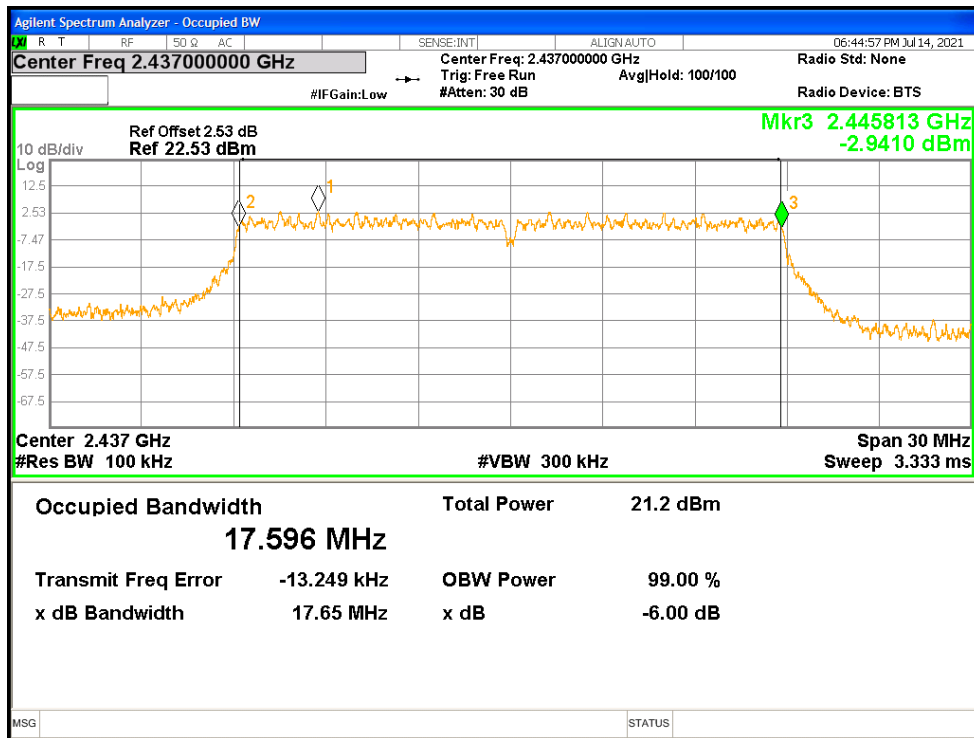
-6dB Bandwidth NVNT g 2462MHz Ant1



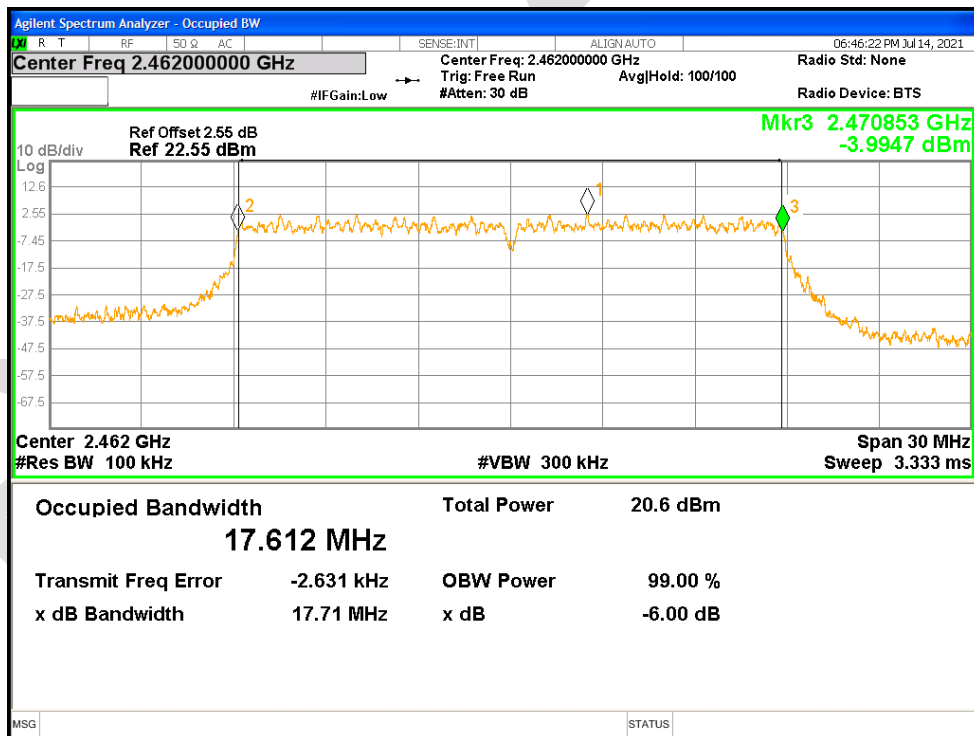
-6dB Bandwidth NVNT n20 2412MHz Ant1



-6dB Bandwidth NVNT n20 2437MHz Ant1



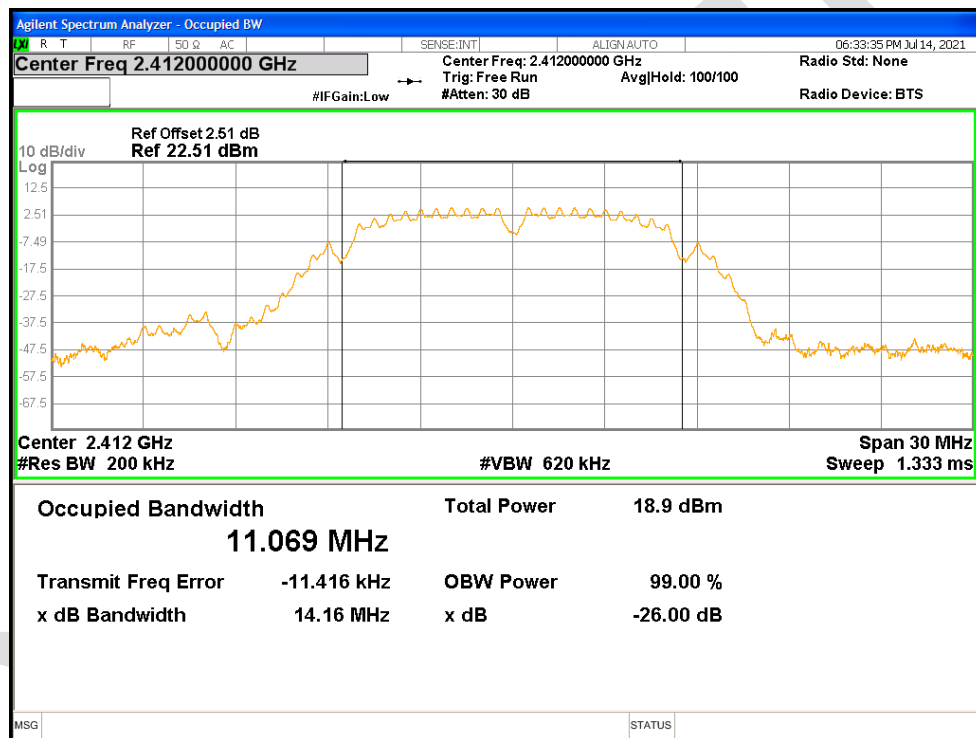
-6dB Bandwidth NVNT n20 2462MHz Ant1



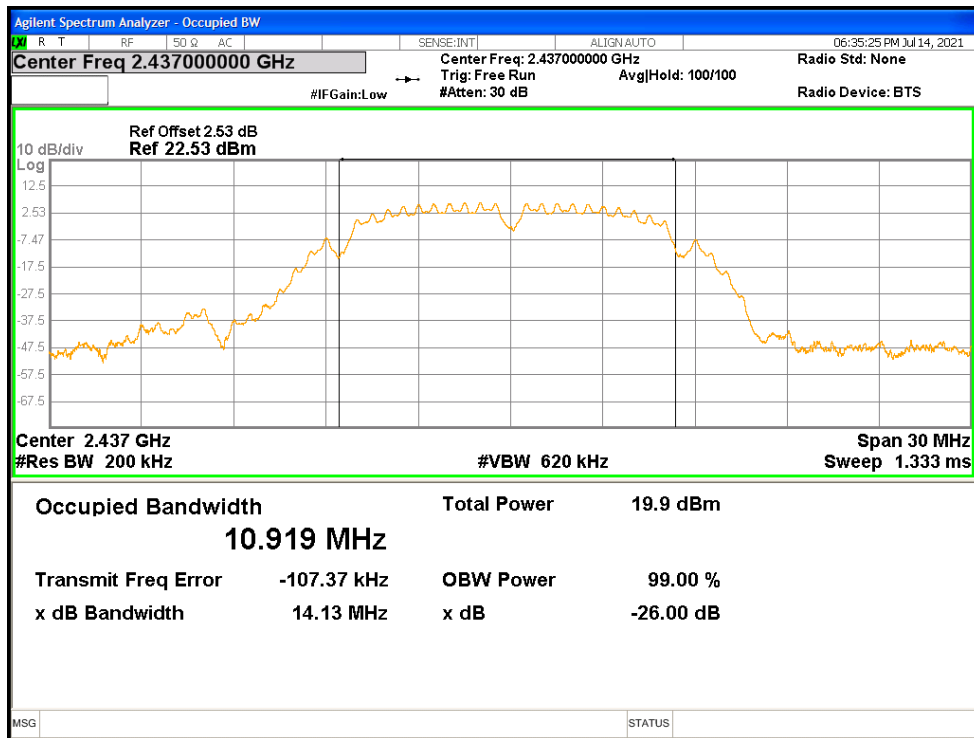
19.3 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	11.06883198
NVNT	b	2437	Ant1	10.91852912
NVNT	b	2462	Ant1	10.93240723
NVNT	g	2412	Ant1	16.51577482
NVNT	g	2437	Ant1	16.49216774
NVNT	g	2462	Ant1	16.47045641
NVNT	n20	2412	Ant1	17.6528149
NVNT	n20	2437	Ant1	17.63086063
NVNT	n20	2462	Ant1	17.62636388

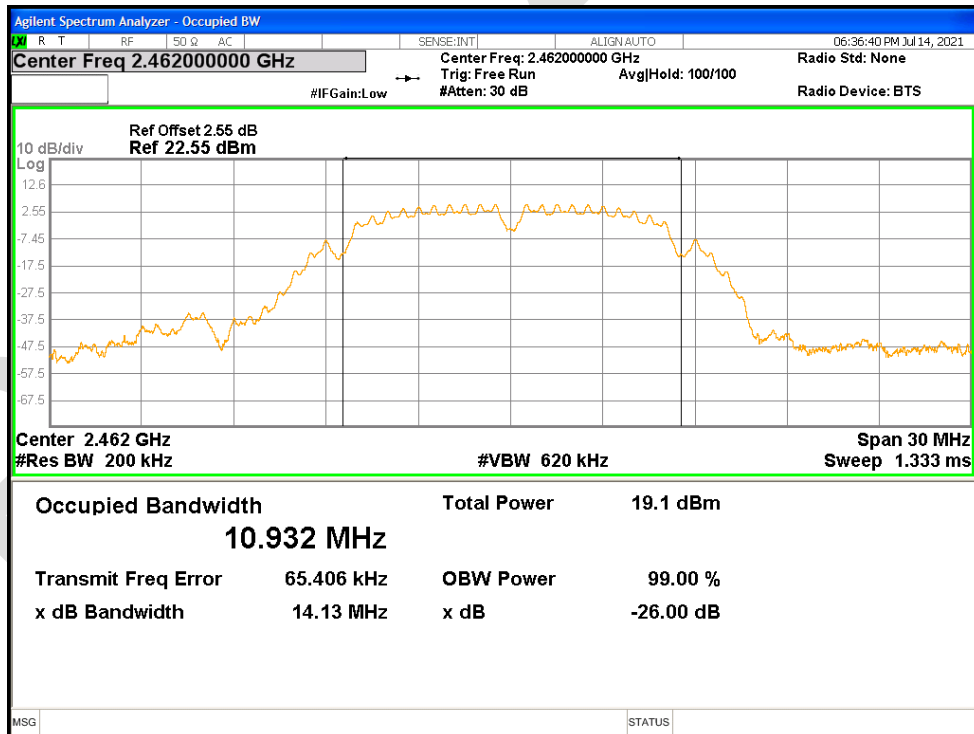
OBW NVNT b 2412MHz Ant1



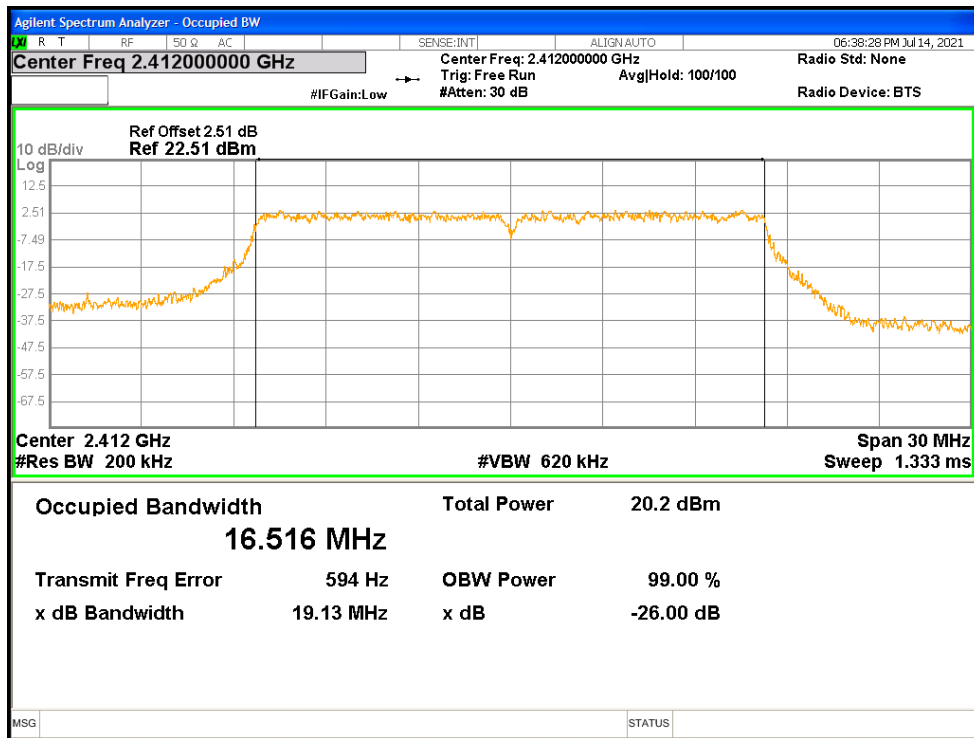
OBW NVNT b 2437MHz Ant1



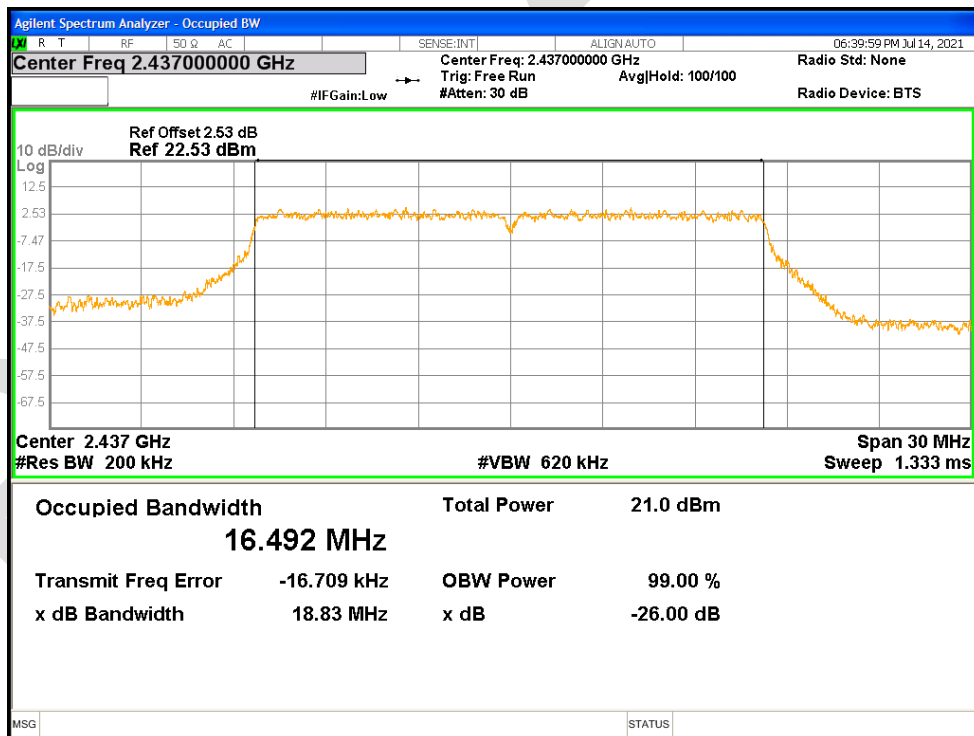
OBW NVNT b 2462MHz Ant1



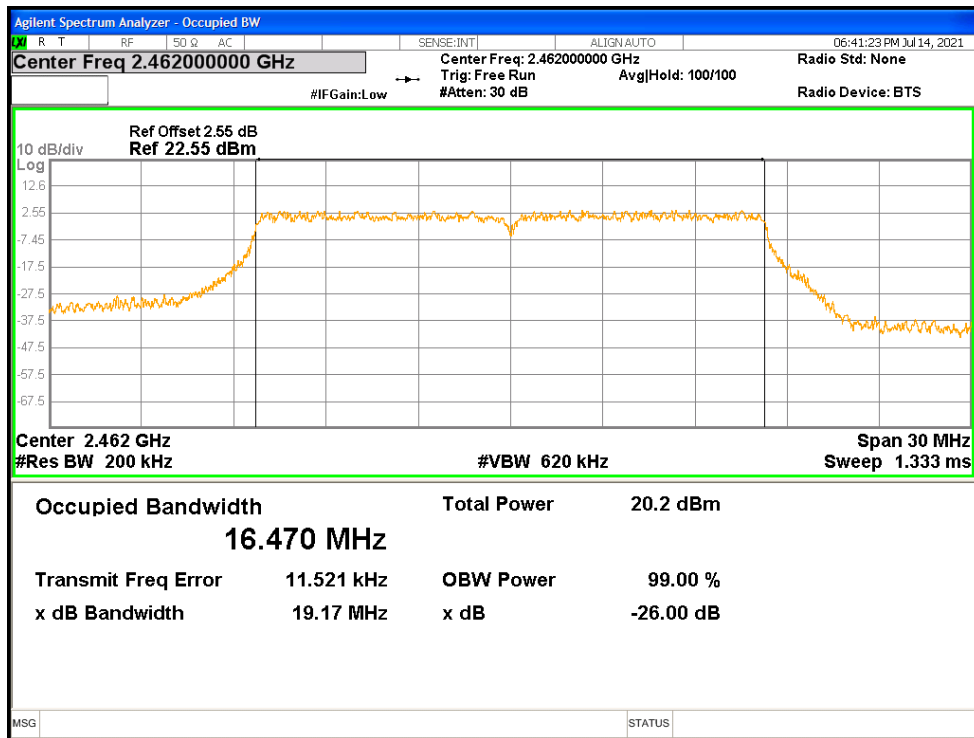
OBW NVNT g 2412MHz Ant1



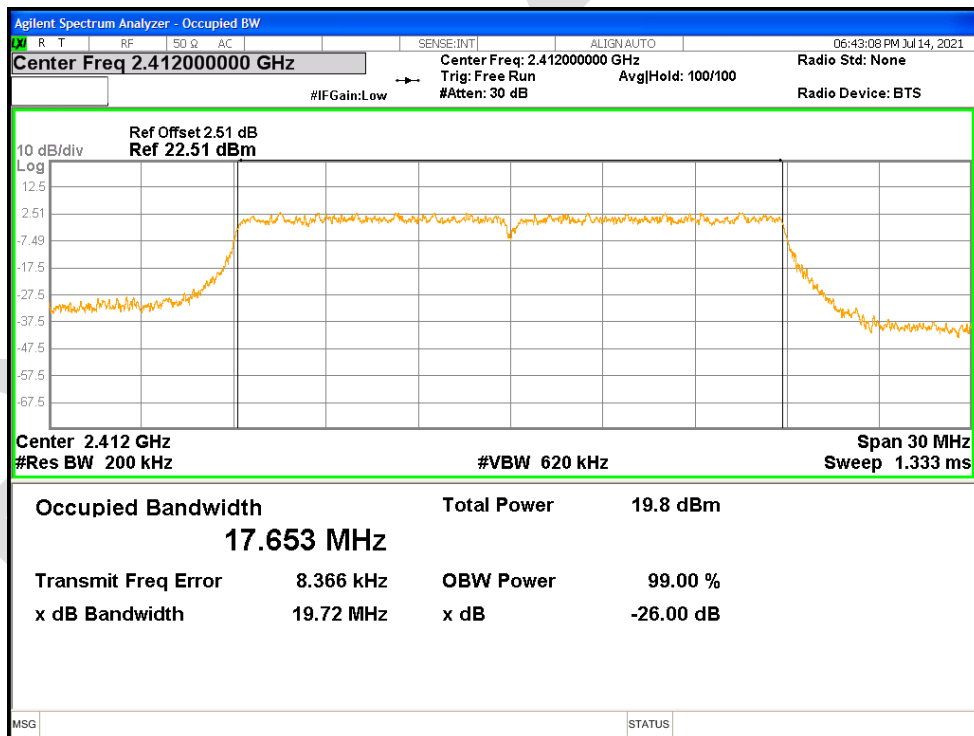
OBW NVNT g 2437MHz Ant1



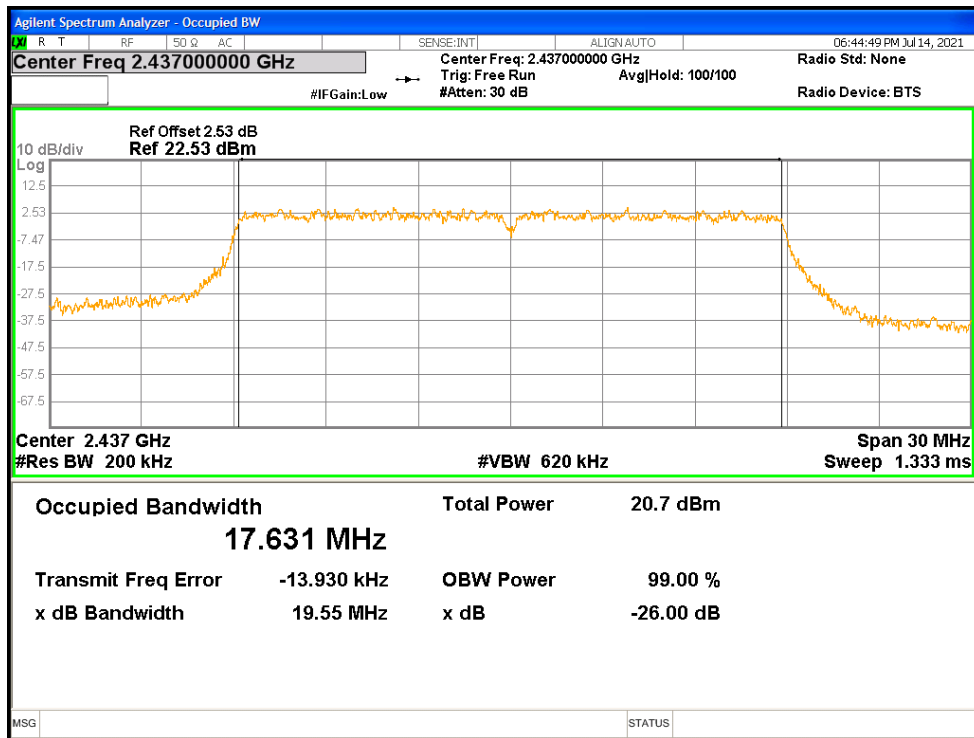
OBW NVNT g 2462MHz Ant1



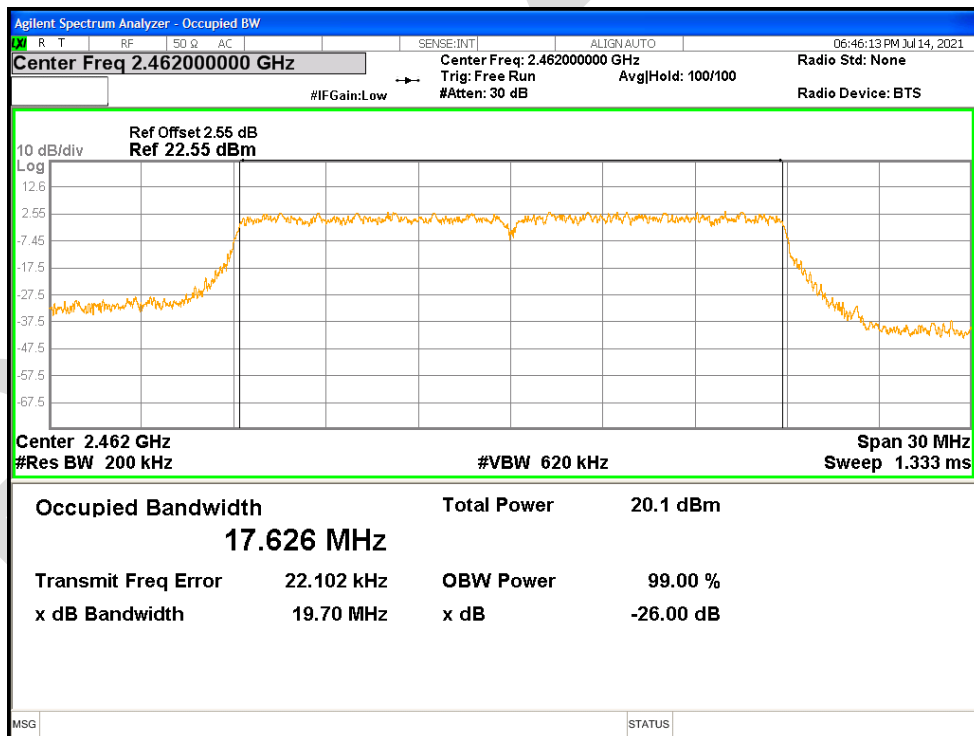
OBW NVNT n20 2412MHz Ant1



OBW NVNT n20 2437MHz Ant1



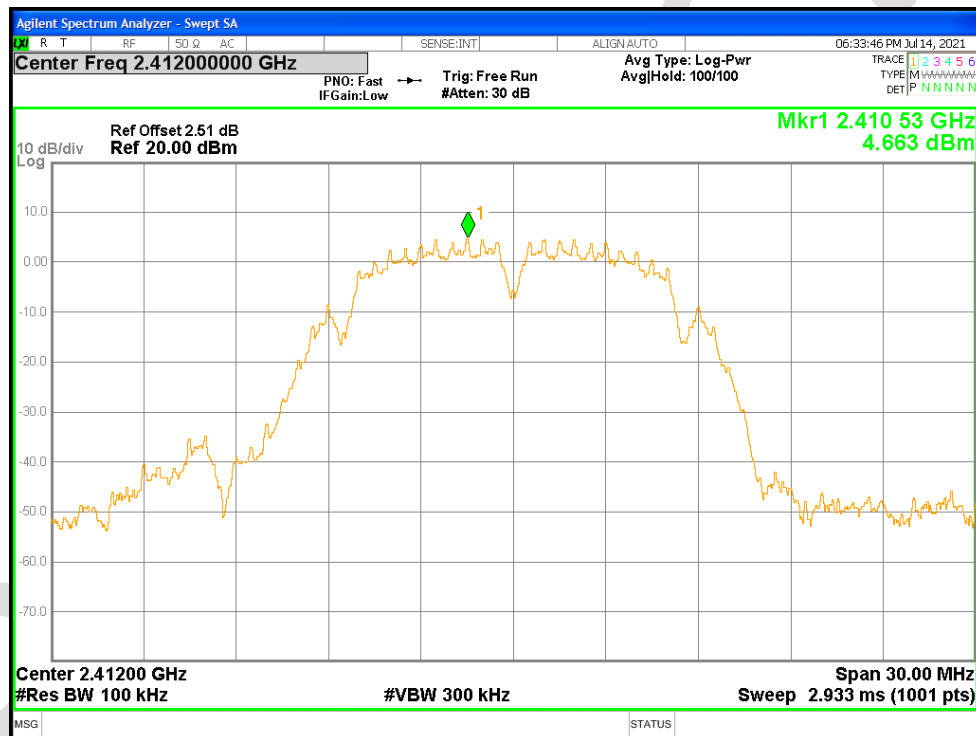
OBW NVNT n20 2462MHz Ant1



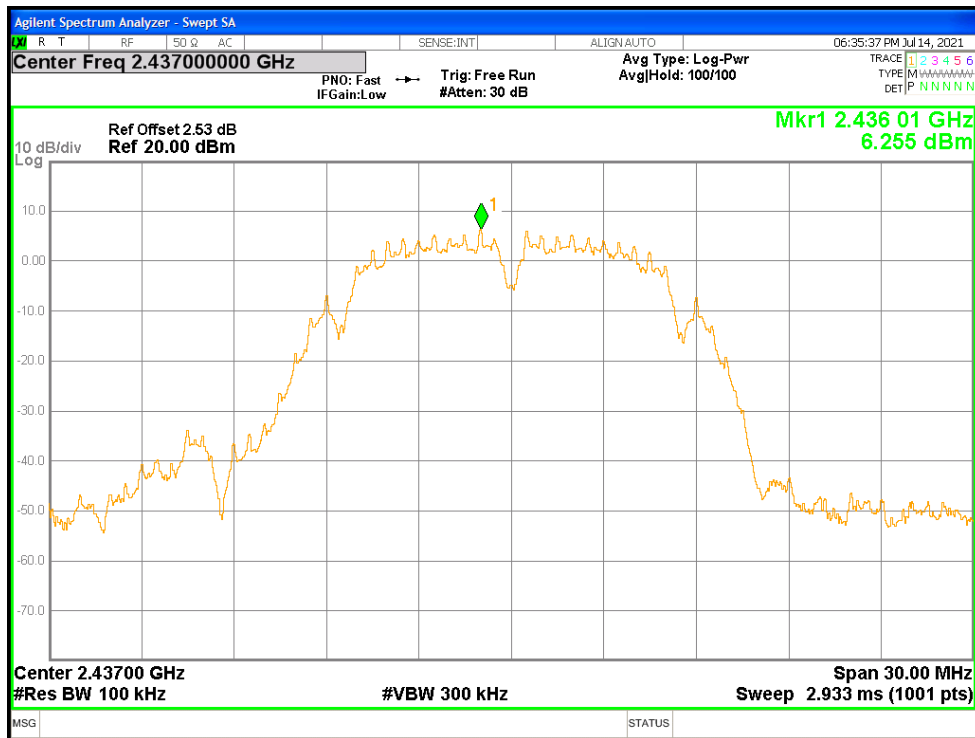
19.4 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	4.663	8	Pass
NVNT	b	2437	Ant1	6.255	8	Pass
NVNT	b	2462	Ant1	5.199	8	Pass
NVNT	g	2412	Ant1	2.614	8	Pass
NVNT	g	2437	Ant1	3.636	8	Pass
NVNT	g	2462	Ant1	2.474	8	Pass
NVNT	n20	2412	Ant1	2.29	8	Pass
NVNT	n20	2437	Ant1	3.249	8	Pass
NVNT	n20	2462	Ant1	2.433	8	Pass

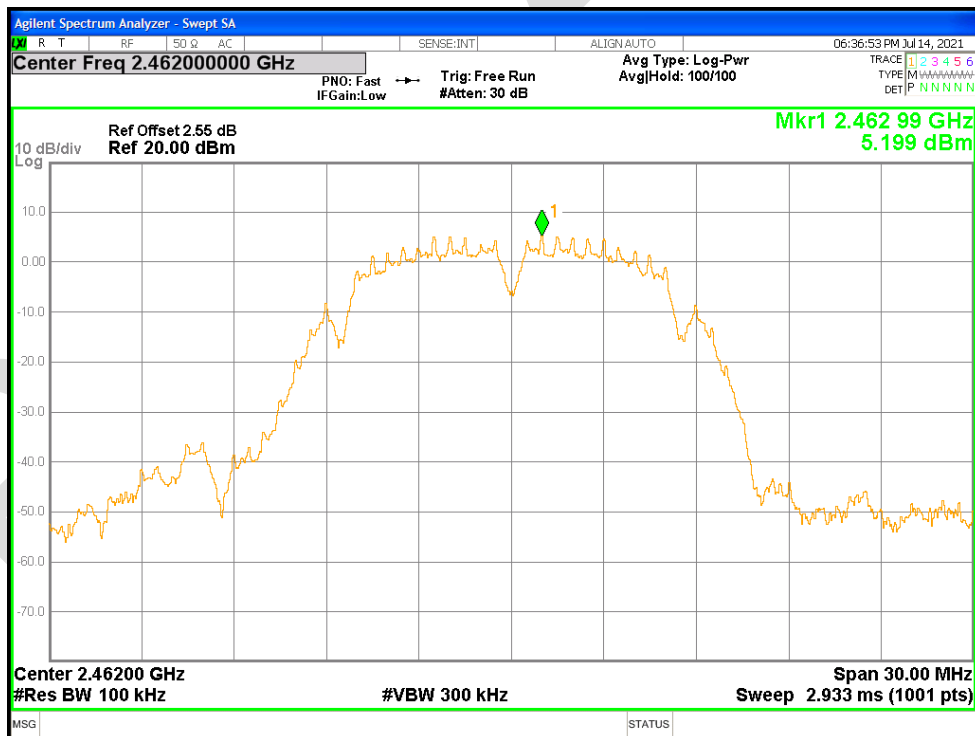
PSD NVNT b 2412MHz Ant1



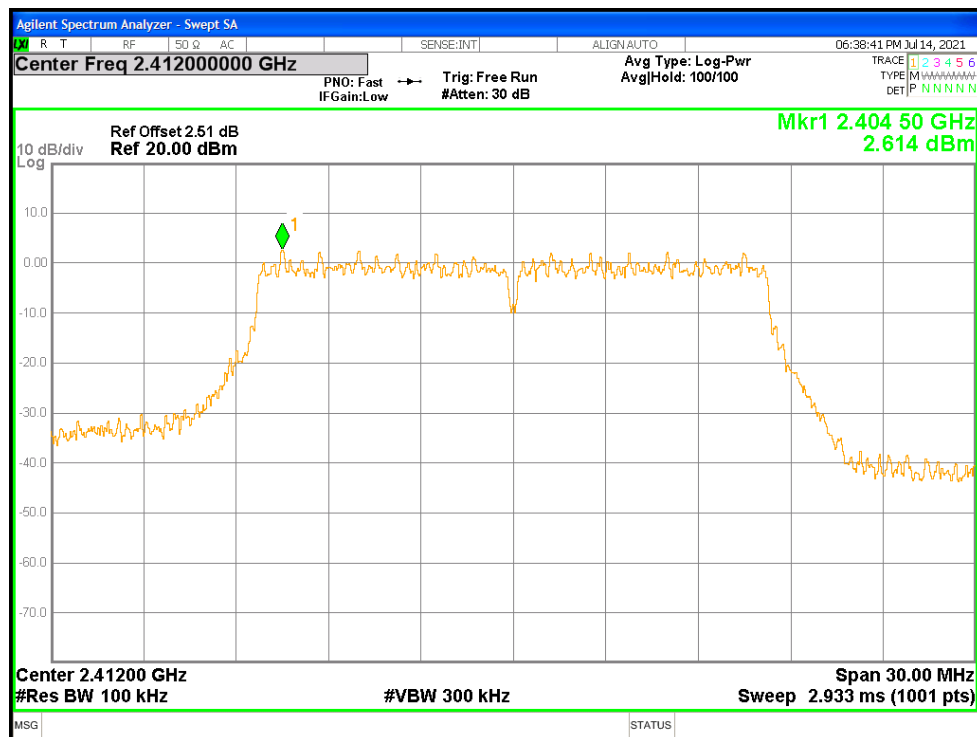
PSD NVNT b 2437MHz Ant1



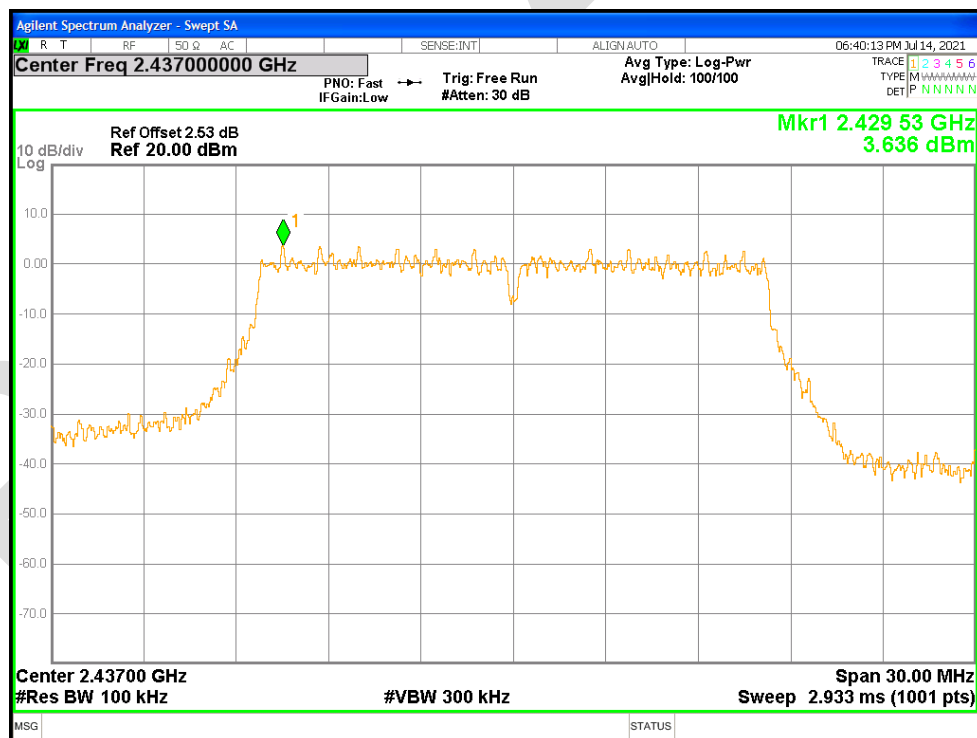
PSD NVNT b 2462MHz Ant1



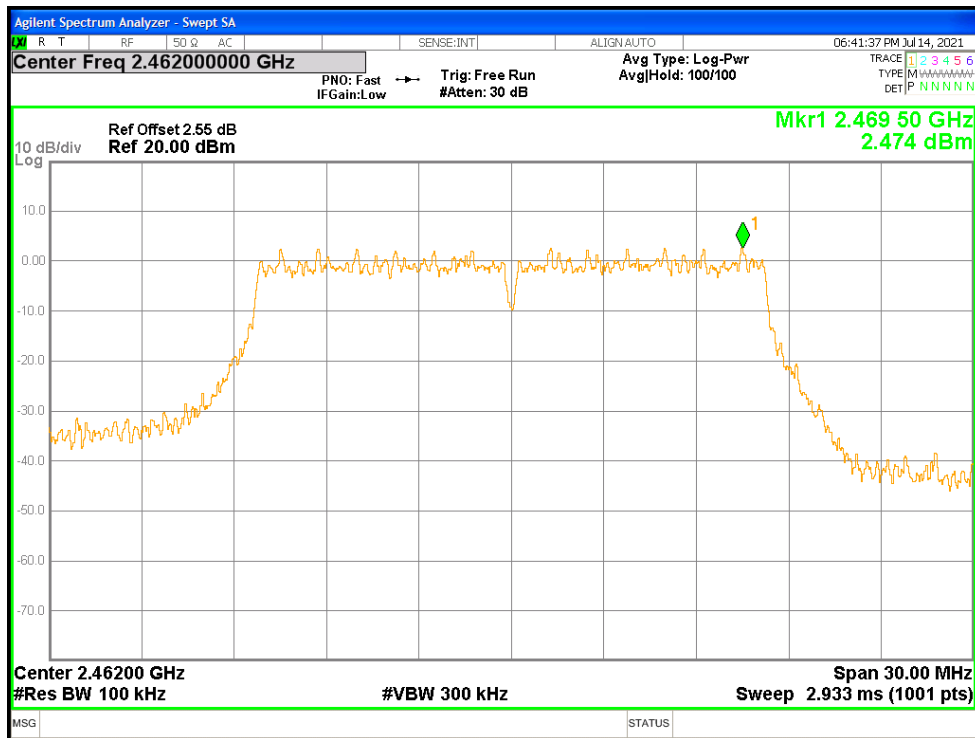
PSD NVNT g 2412MHz Ant1



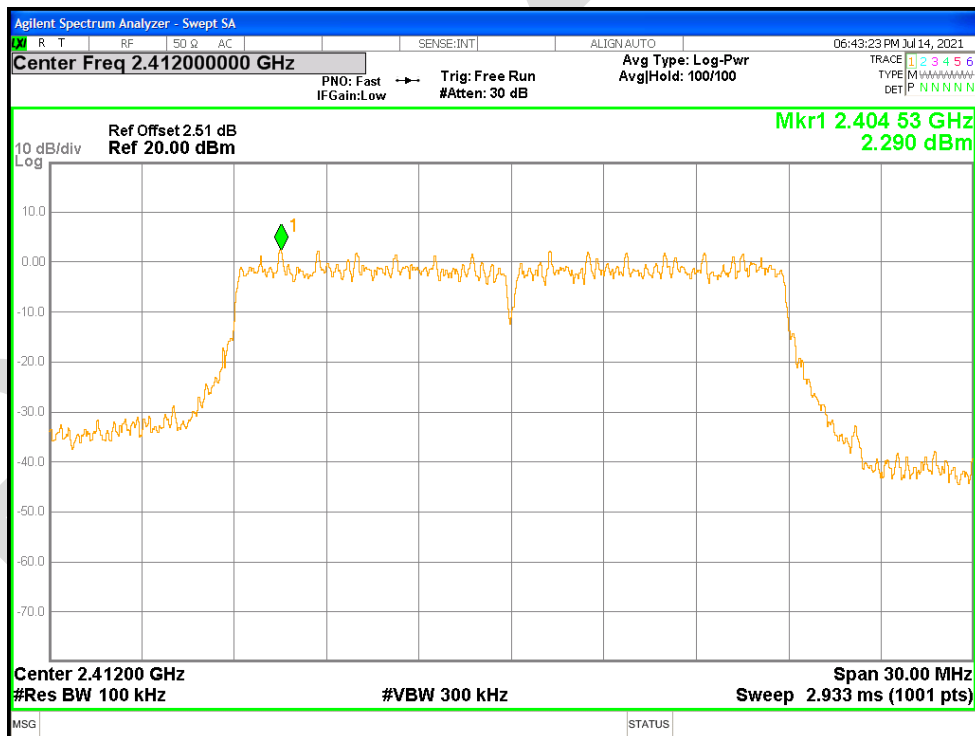
PSD NVNT g 2437MHz Ant1



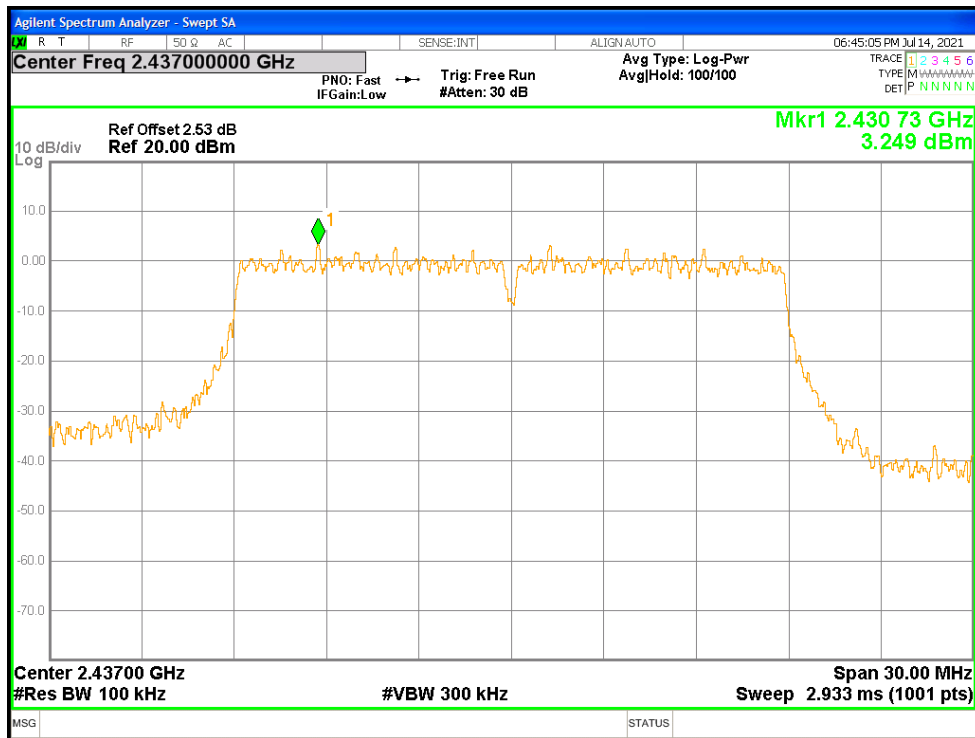
PSD NVNT g 2462MHz Ant1



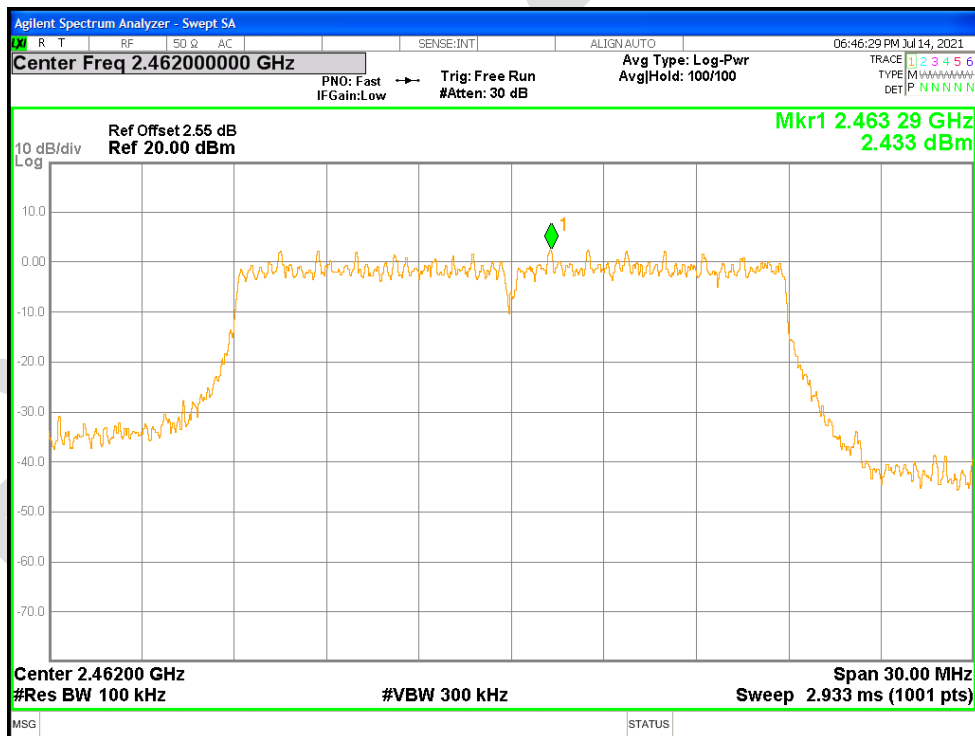
PSD NVNT n20 2412MHz Ant1



PSD NVNT n20 2437MHz Ant1



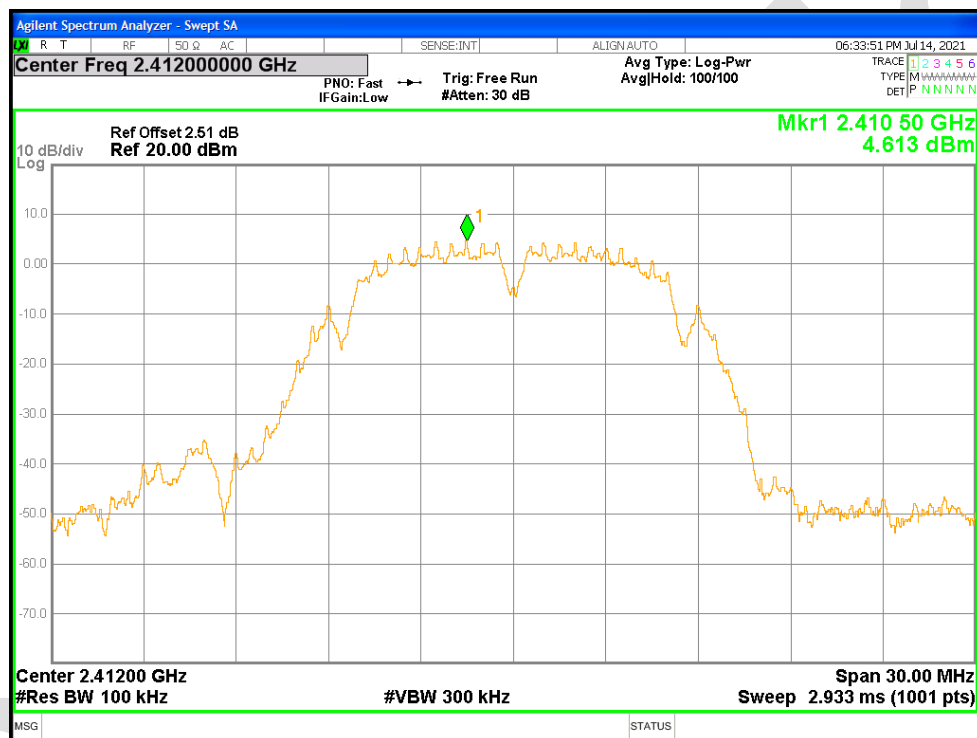
PSD NVNT n20 2462MHz Ant1



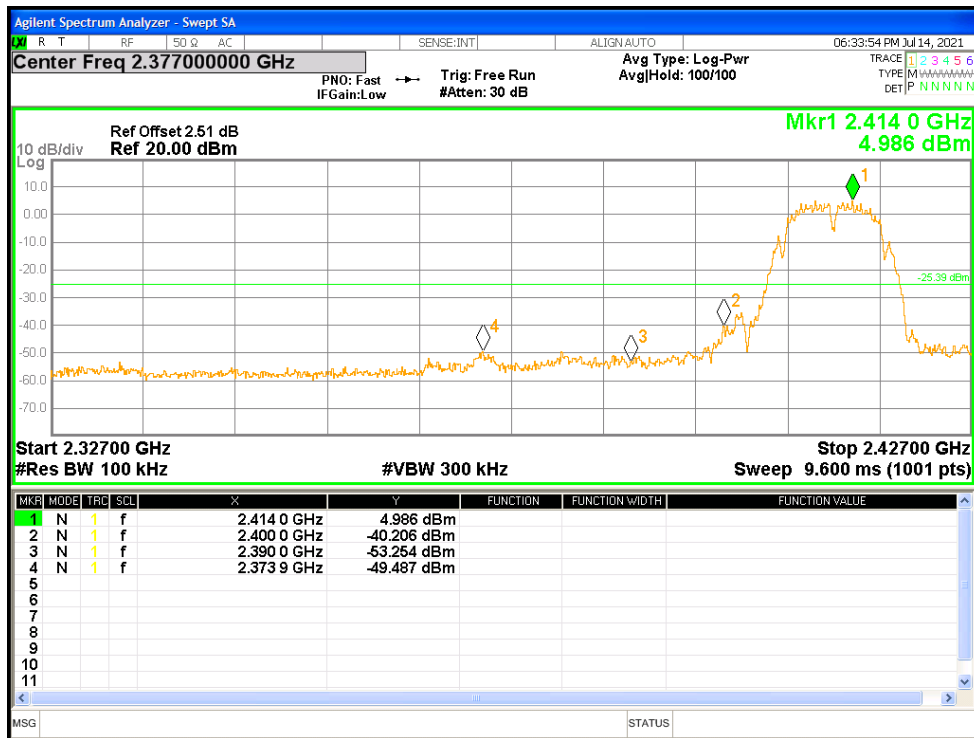
19.5 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-54.09	-30	Pass
NVNT	b	2462	Ant1	-54.48	-30	Pass
NVNT	g	2412	Ant1	-44.59	-30	Pass
NVNT	g	2462	Ant1	-50.3	-30	Pass
NVNT	n20	2412	Ant1	-43.44	-30	Pass
NVNT	n20	2462	Ant1	-49.22	-30	Pass

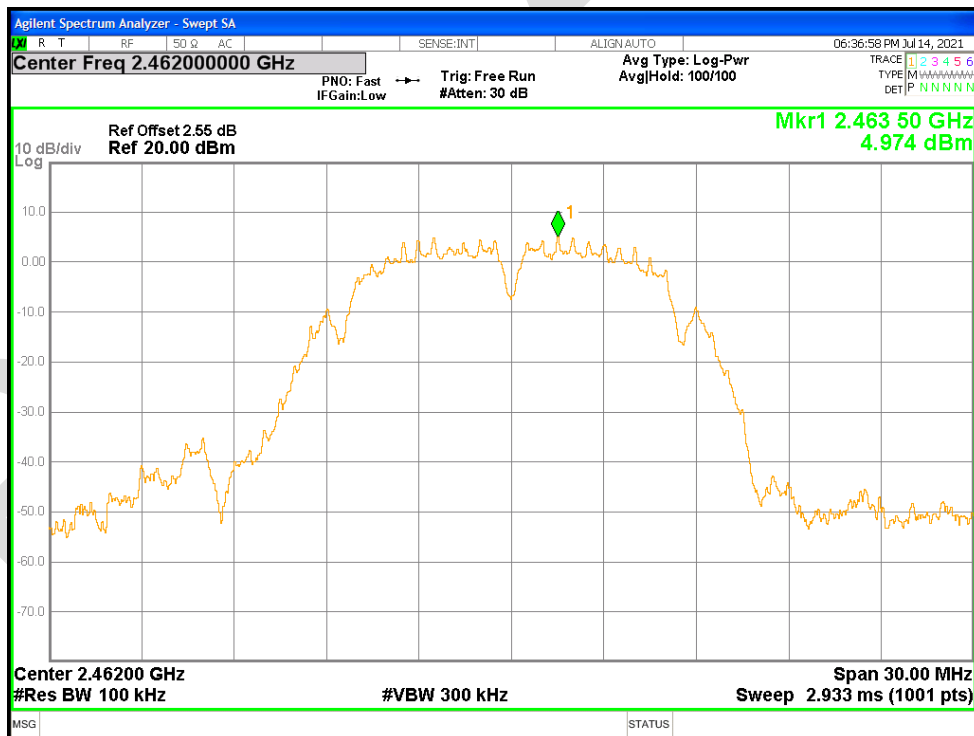
Band Edge NVNT b 2412MHz Ant1 Ref



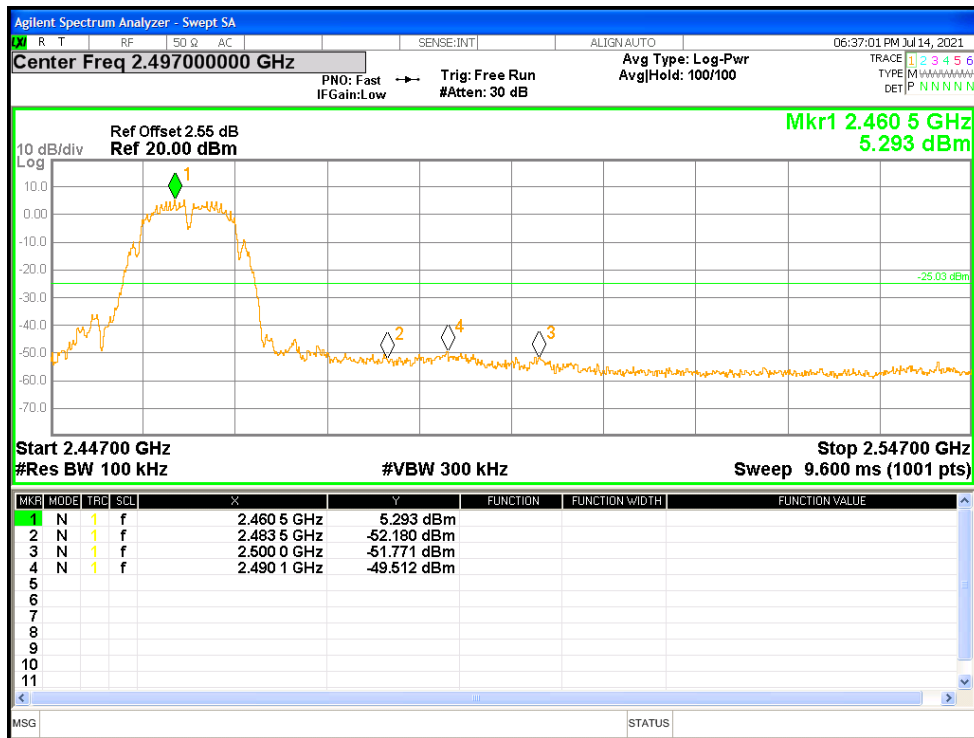
Band Edge NVNT b 2412MHz Ant1 Emission



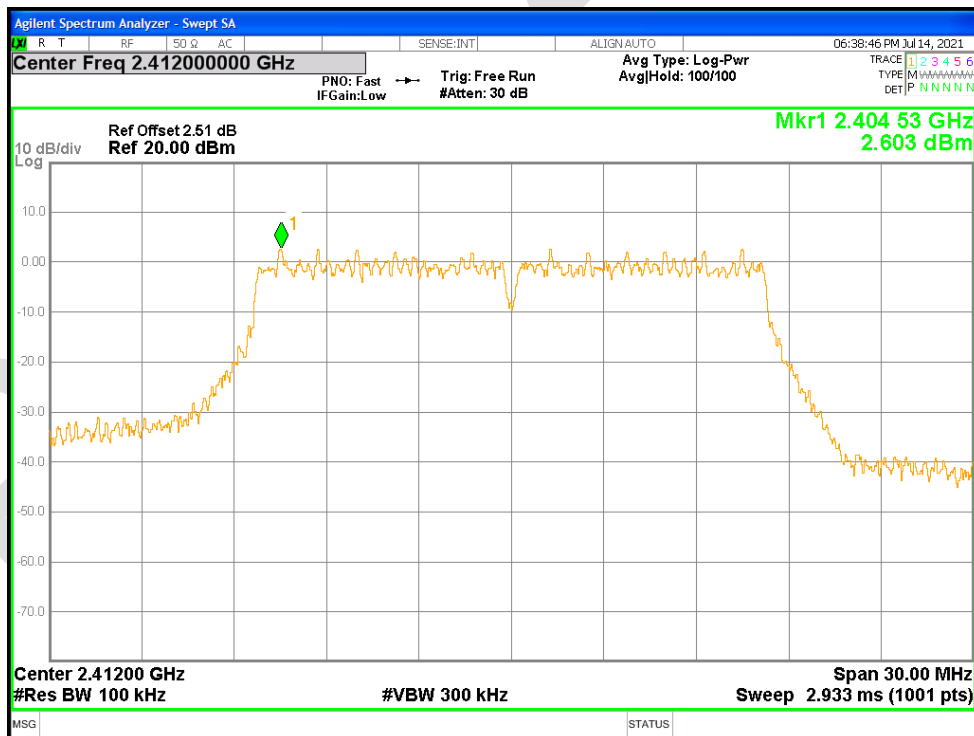
Band Edge NVNT b 2462MHz Ant1 Ref



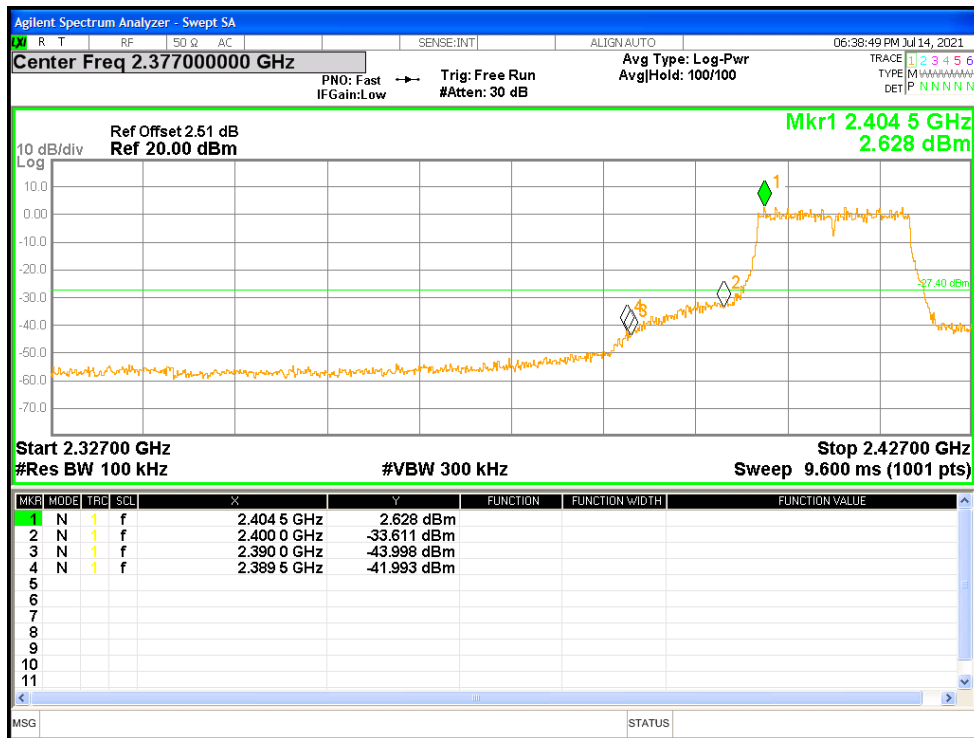
Band Edge NVNT b 2462MHz Ant1 Emission



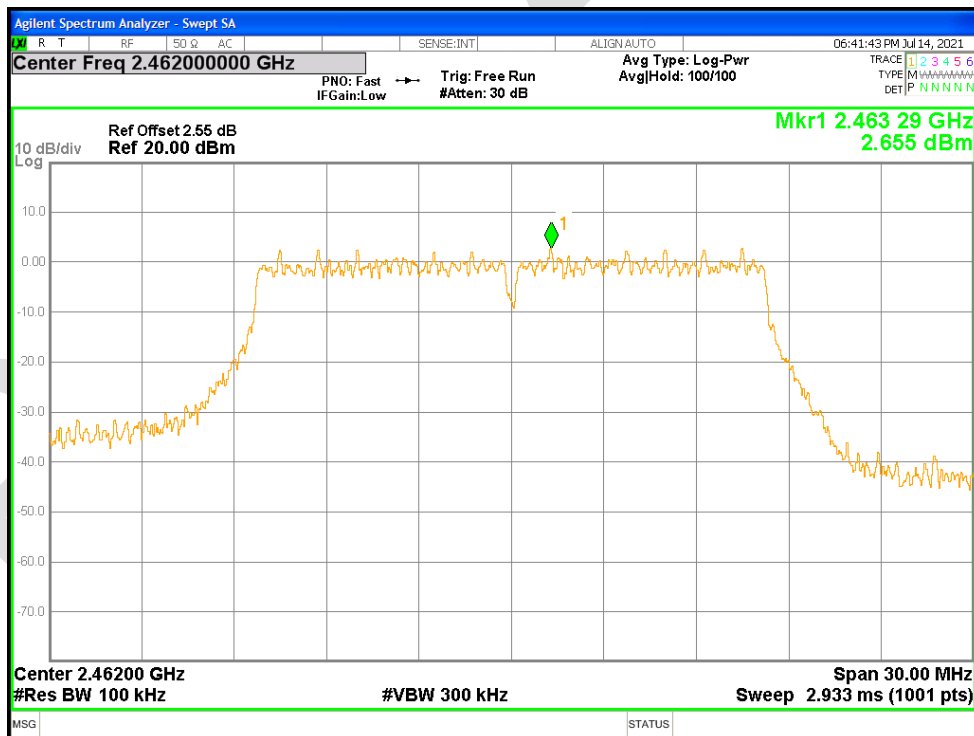
Band Edge NVNT g 2412MHz Ant1 Ref



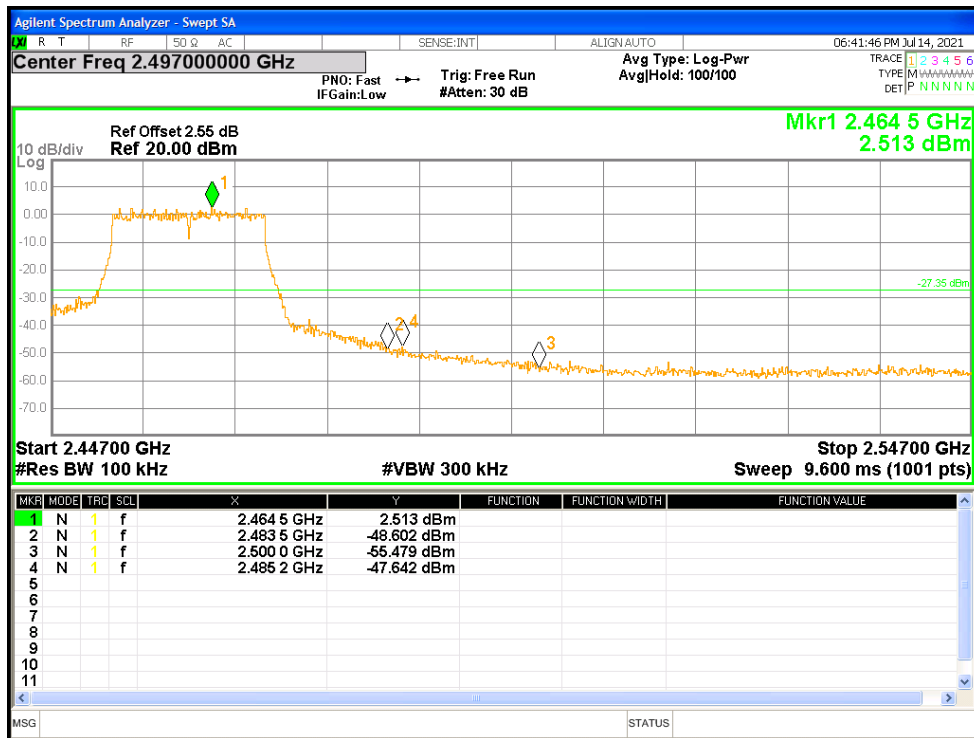
Band Edge NVNT g 2412MHz Ant1 Emission



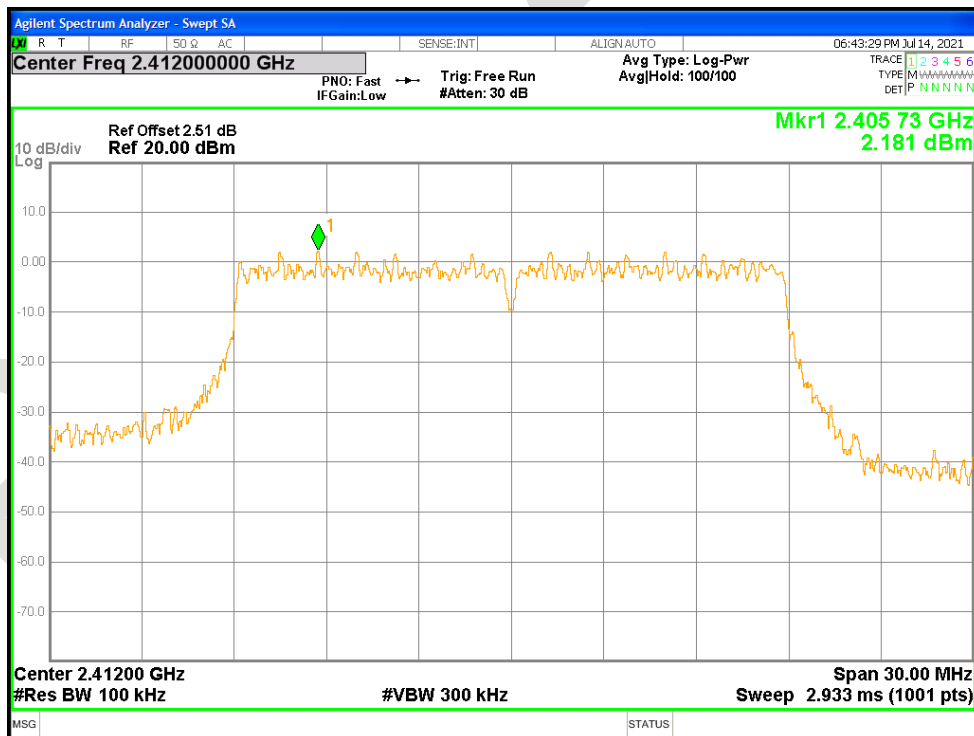
Band Edge NVNT g 2462MHz Ant1 Ref



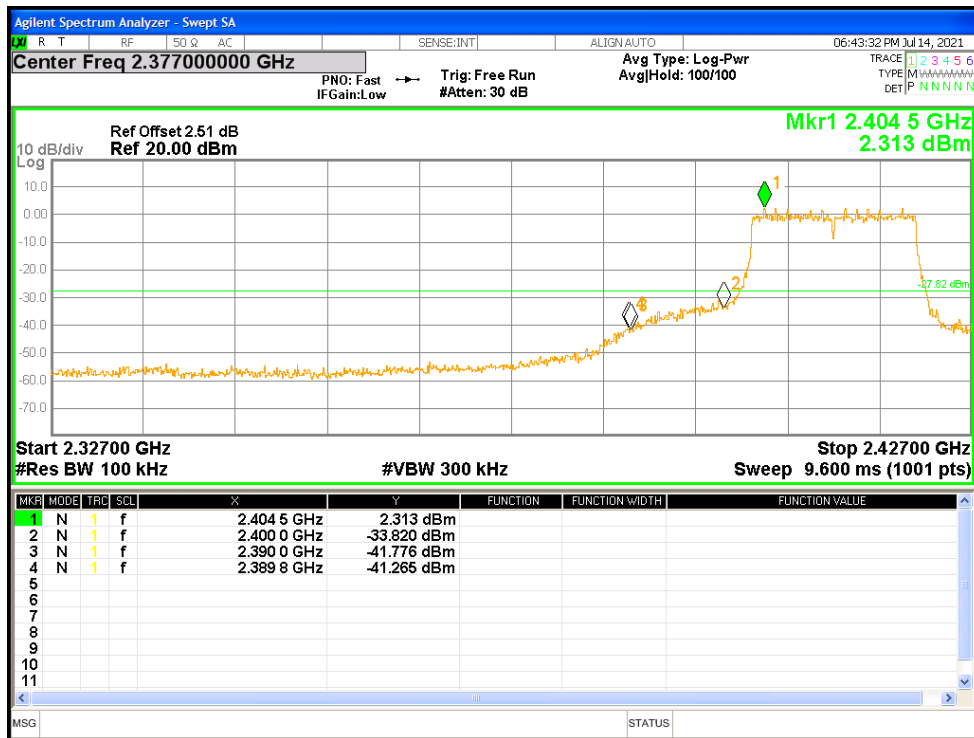
Band Edge NVNT g 2462MHz Ant1 Emission



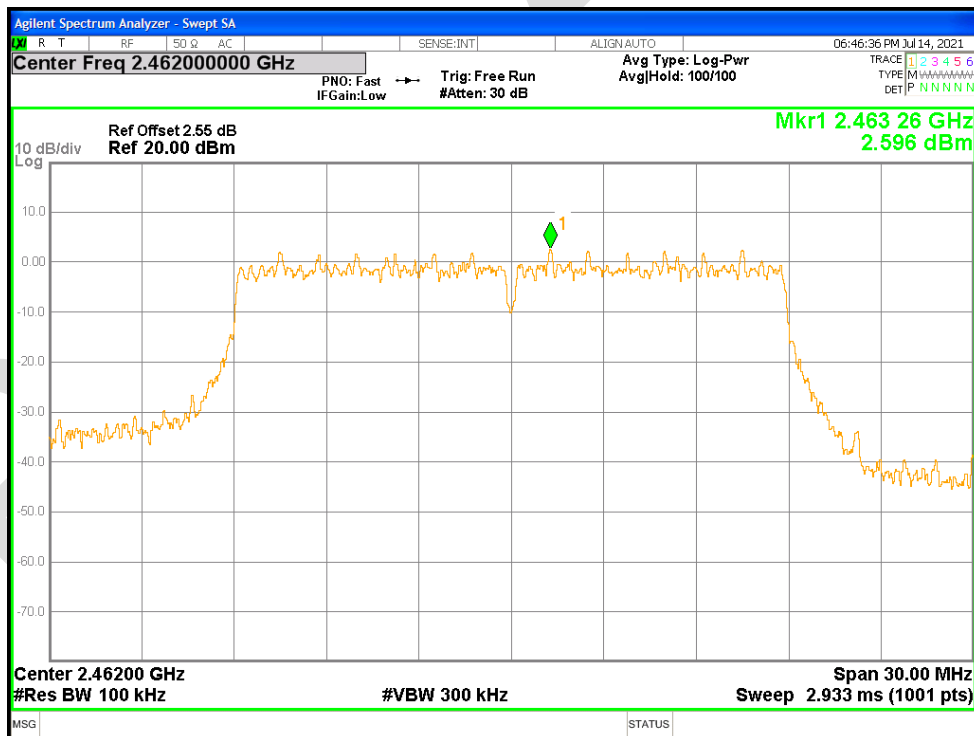
Band Edge NVNT n20 2412MHz Ant1 Ref



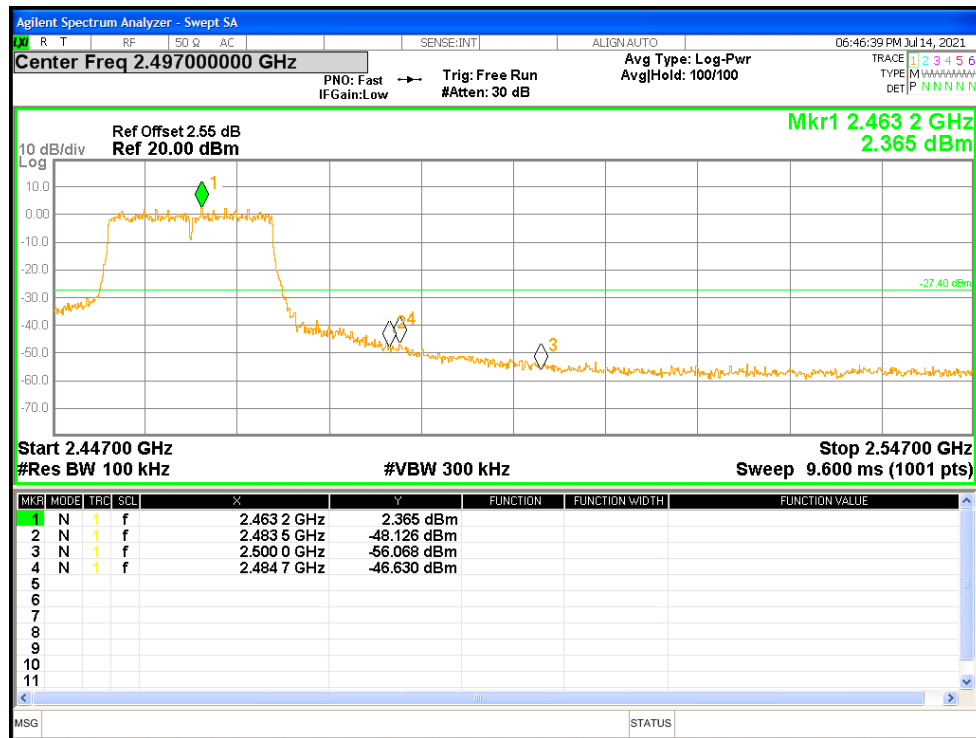
Band Edge NVNT n20 2412MHz Ant1 Emission



Band Edge NVNT n20 2462MHz Ant1 Ref



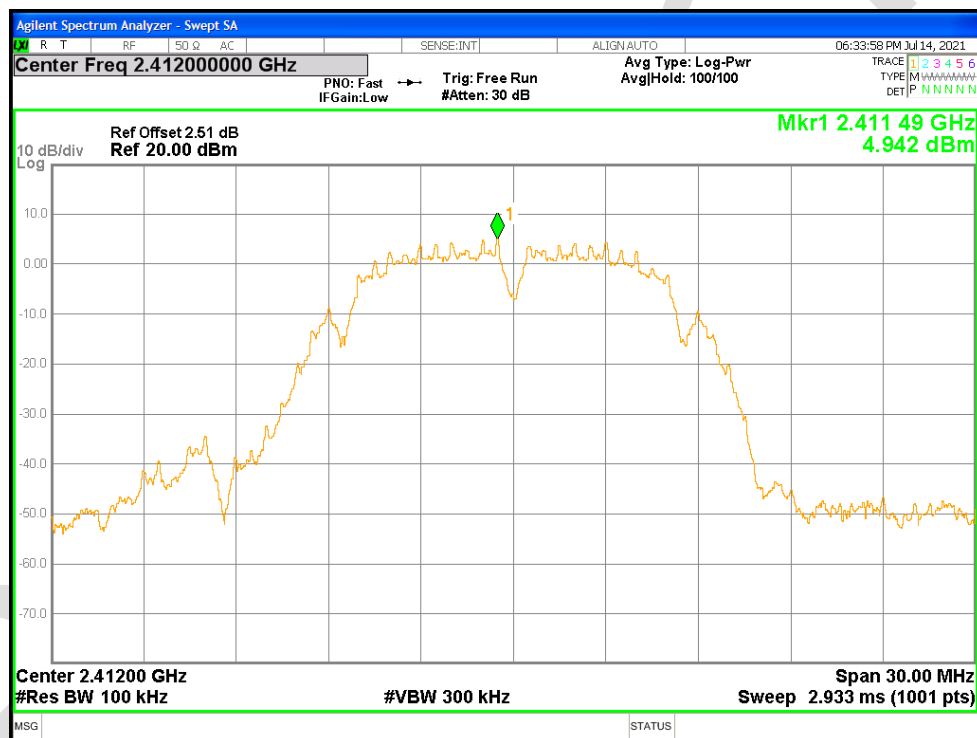
Band Edge NVNT n20 2462MHz Ant1 Emission



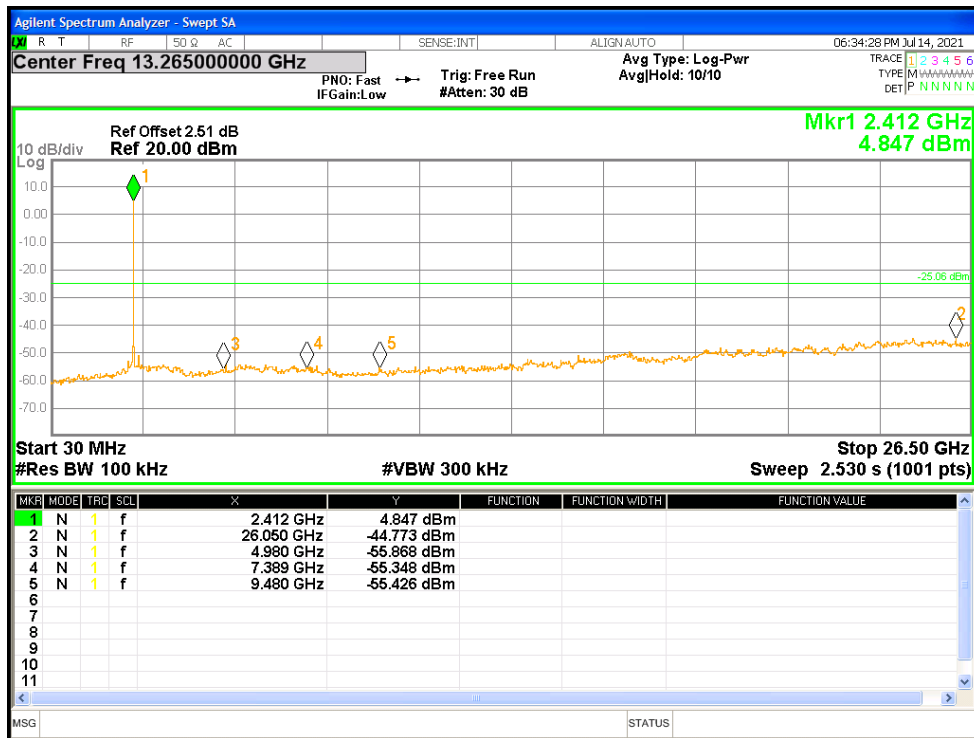
19.6 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-49.71	-30	Pass
NVNT	b	2437	Ant1	-50.92	-30	Pass
NVNT	b	2462	Ant1	-50.33	-30	Pass
NVNT	g	2412	Ant1	-47.19	-30	Pass
NVNT	g	2437	Ant1	-48.26	-30	Pass
NVNT	g	2462	Ant1	-47.03	-30	Pass
NVNT	n20	2412	Ant1	-47.18	-30	Pass
NVNT	n20	2437	Ant1	-48.12	-30	Pass
NVNT	n20	2462	Ant1	-47.52	-30	Pass

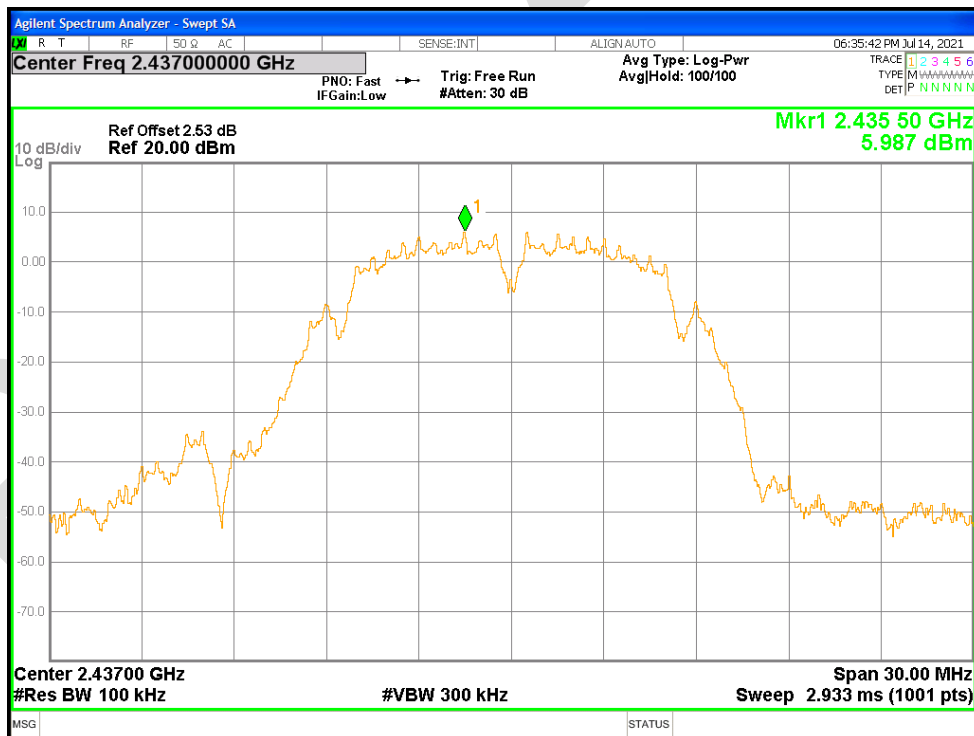
Tx. Spurious NVNT b 2412MHz Ant1 Ref



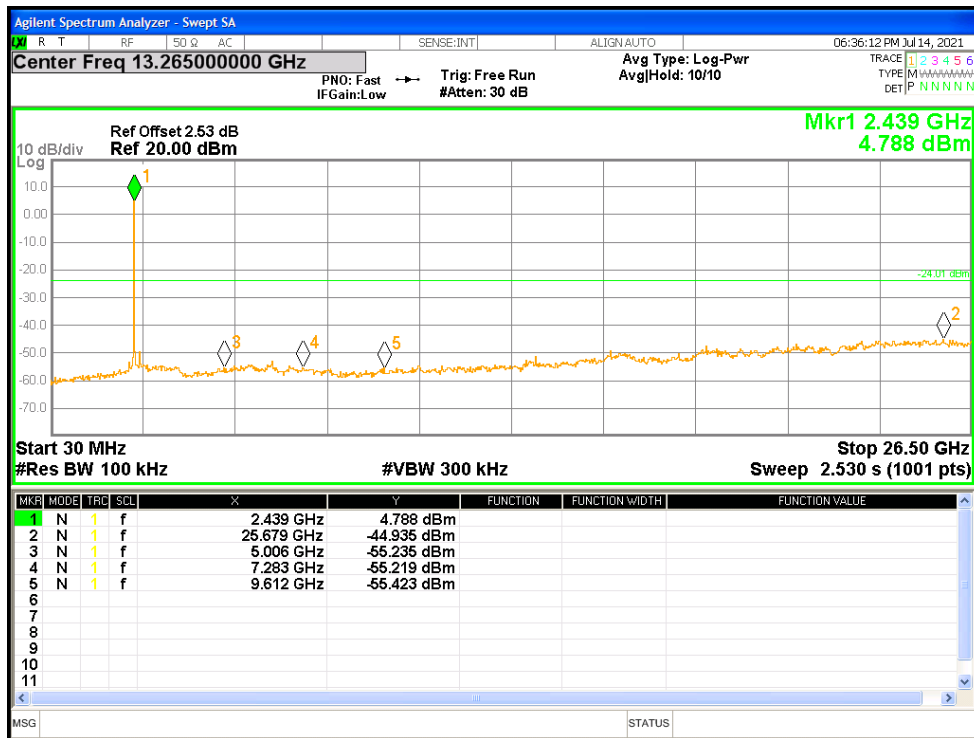
Tx. Spurious NVNT b 2412MHz Ant1 Emission



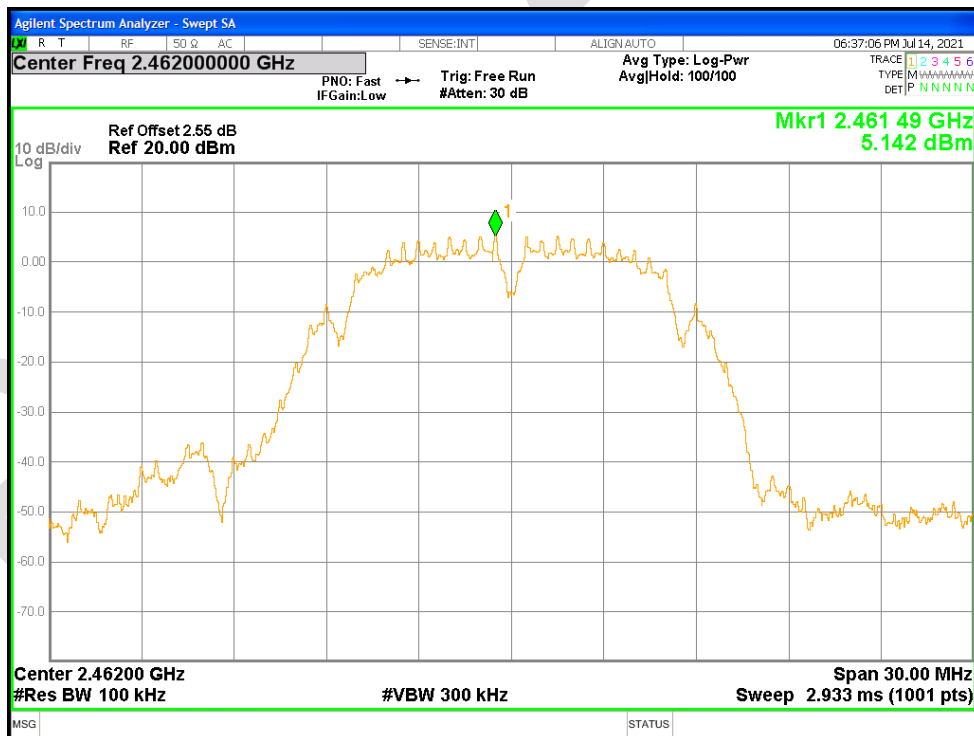
Tx. Spurious NVNT b 2437MHz Ant1 Ref



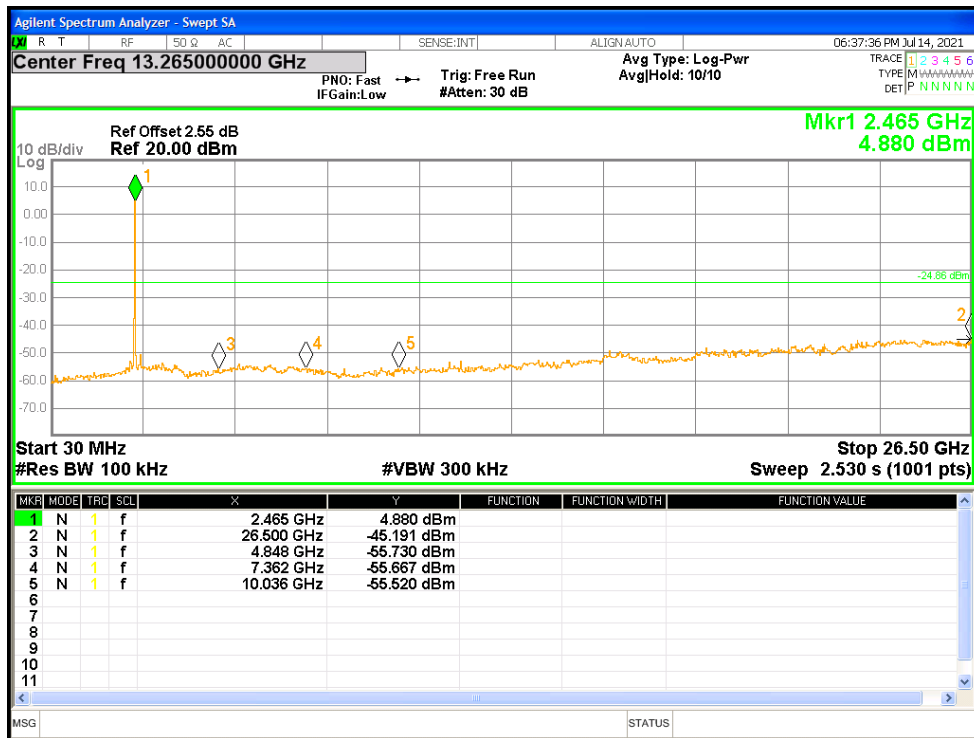
Tx. Spurious NVNT b 2437MHz Ant1 Emission



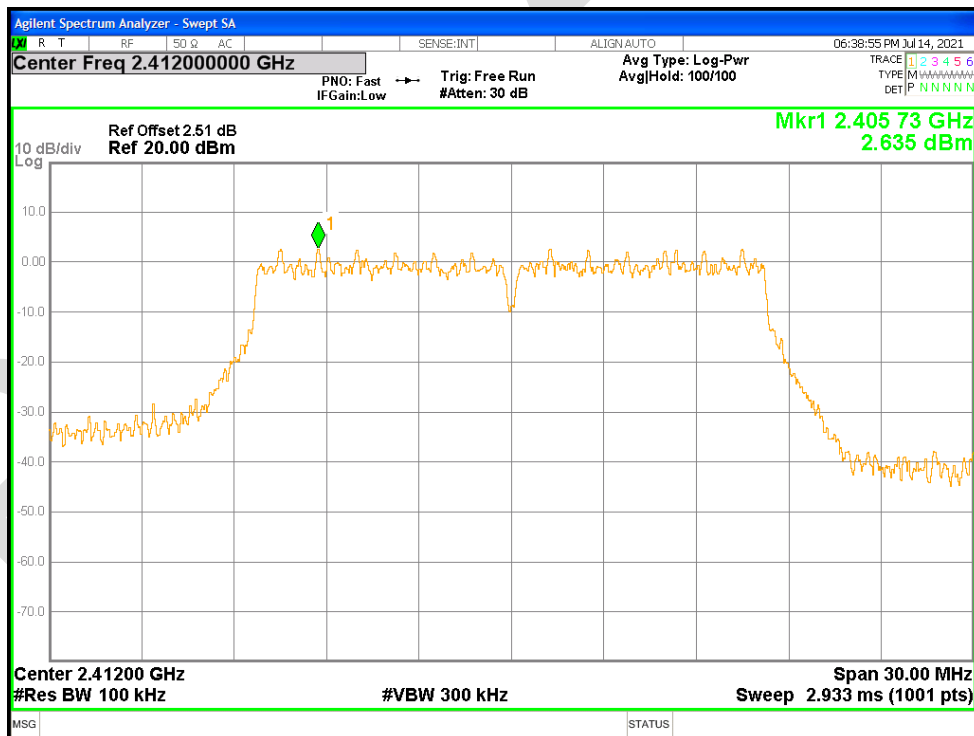
Tx. Spurious NVNT b 2462MHz Ant1 Ref



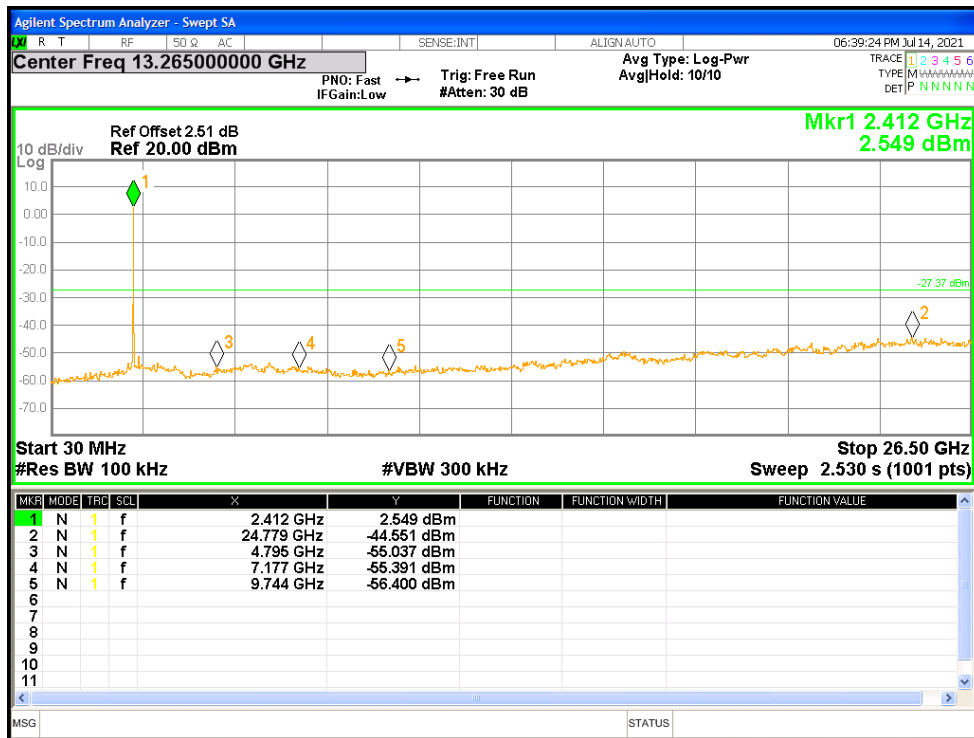
Tx. Spurious NVNT b 2462MHz Ant1 Emission



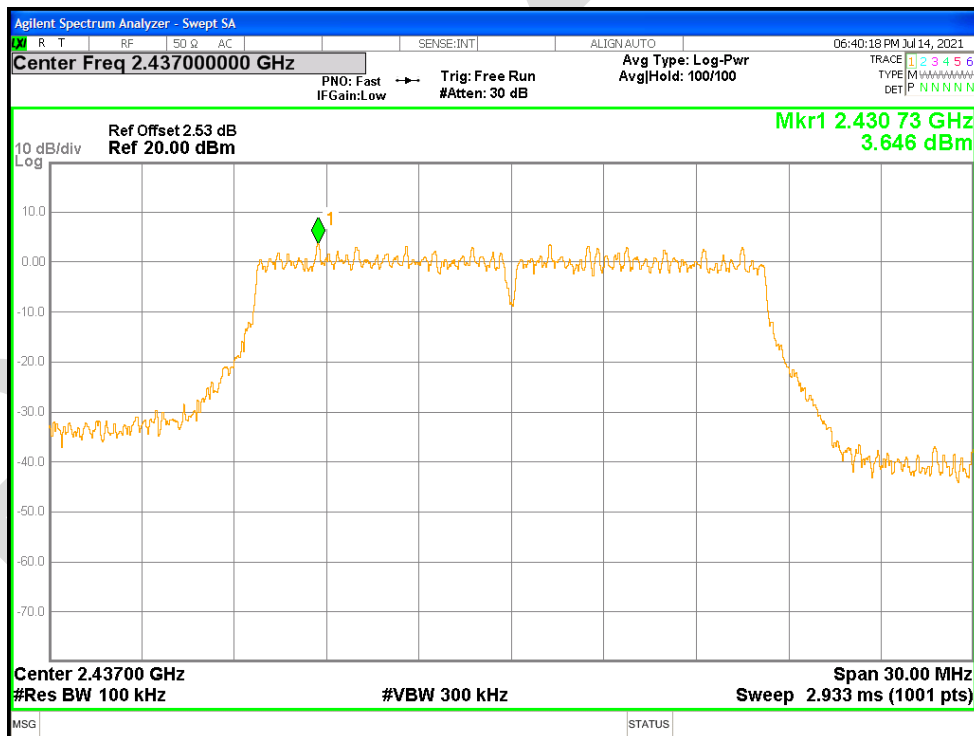
Tx. Spurious NVNT g 2412MHz Ant1 Ref



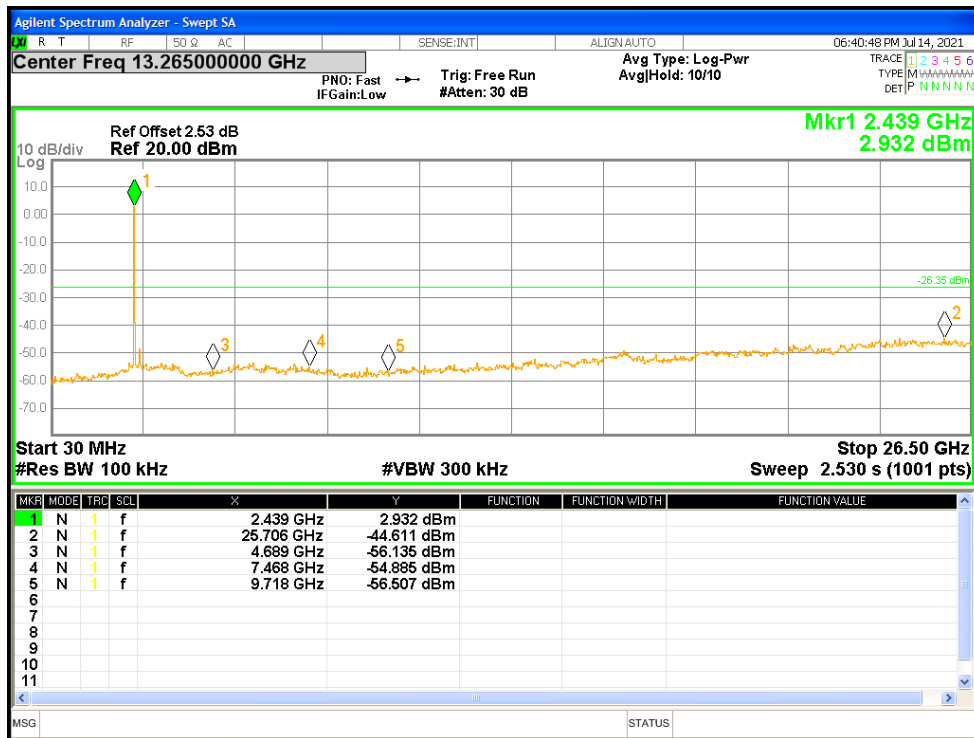
Tx. Spurious NVNT g 2412MHz Ant1 Emission



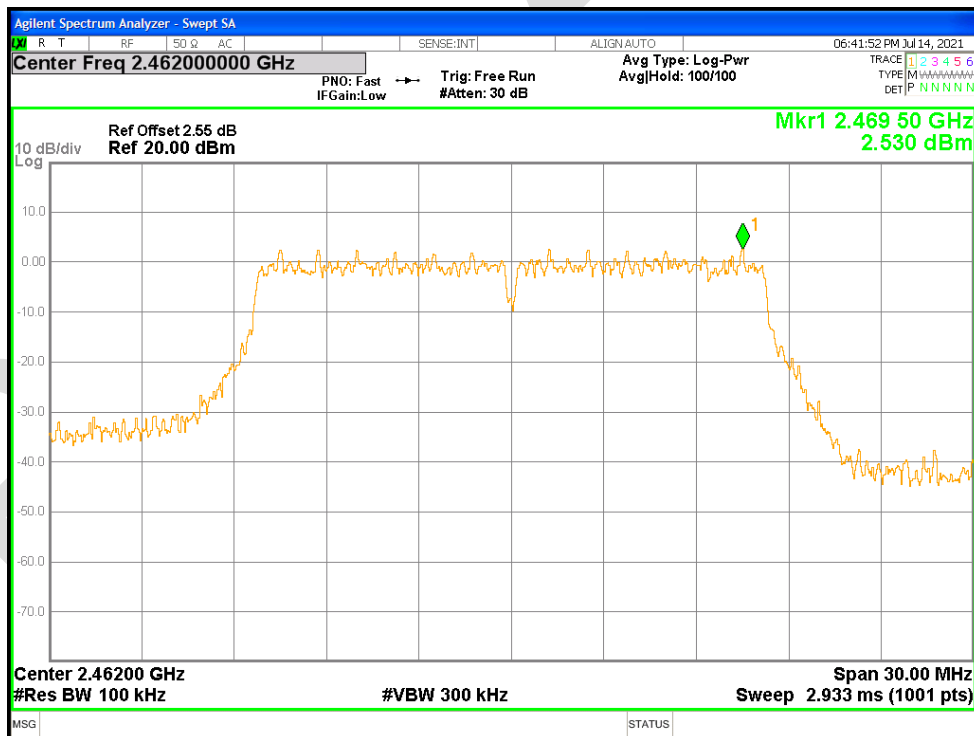
Tx. Spurious NVNT g 2437MHz Ant1 Ref



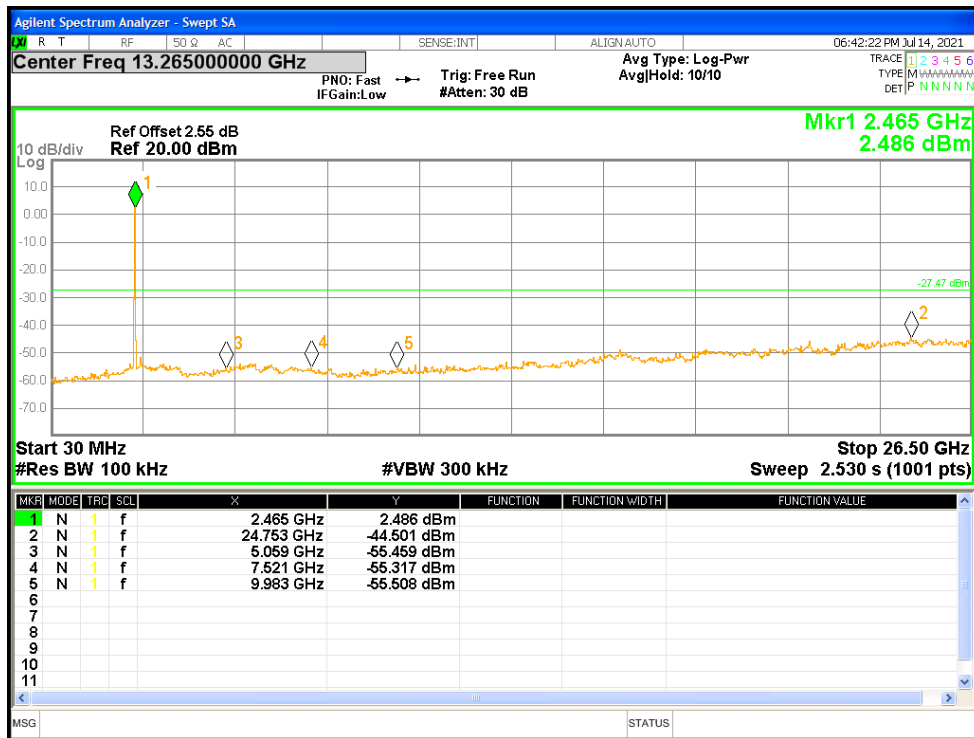
Tx. Spurious NVNT g 2437MHz Ant1 Emission



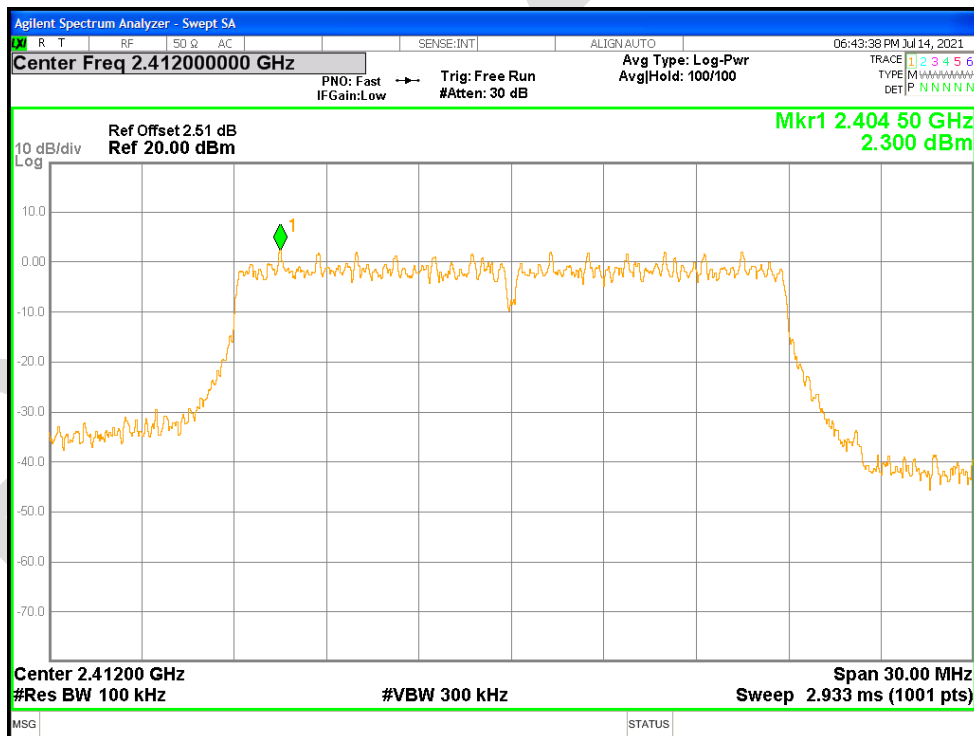
Tx. Spurious NVNT g 2462MHz Ant1 Ref



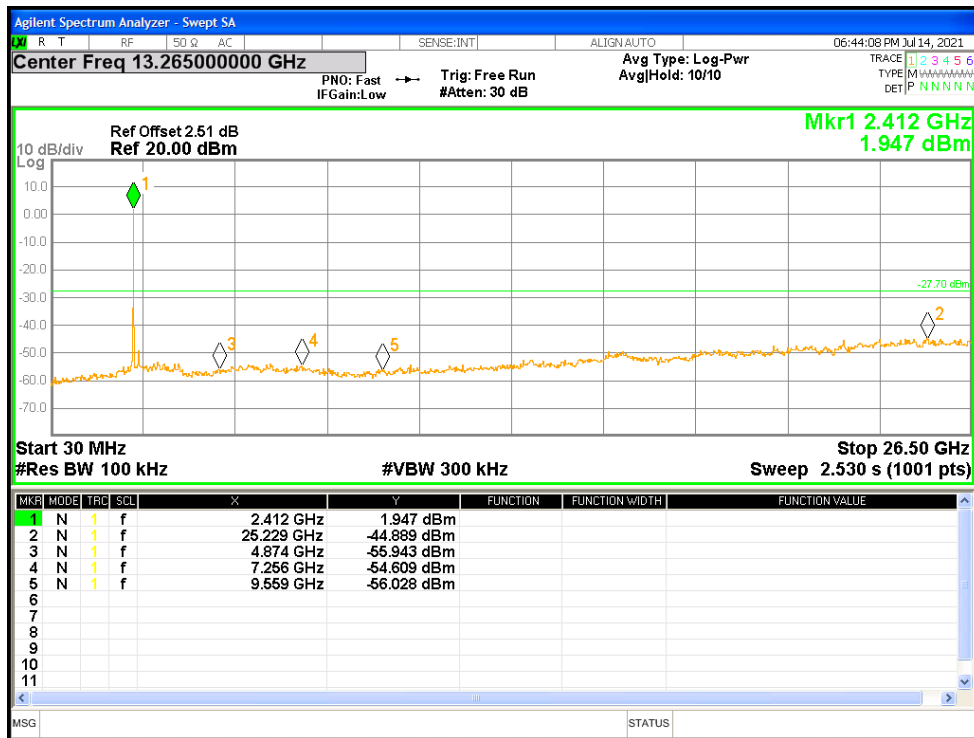
Tx. Spurious NVNT g 2462MHz Ant1 Emission



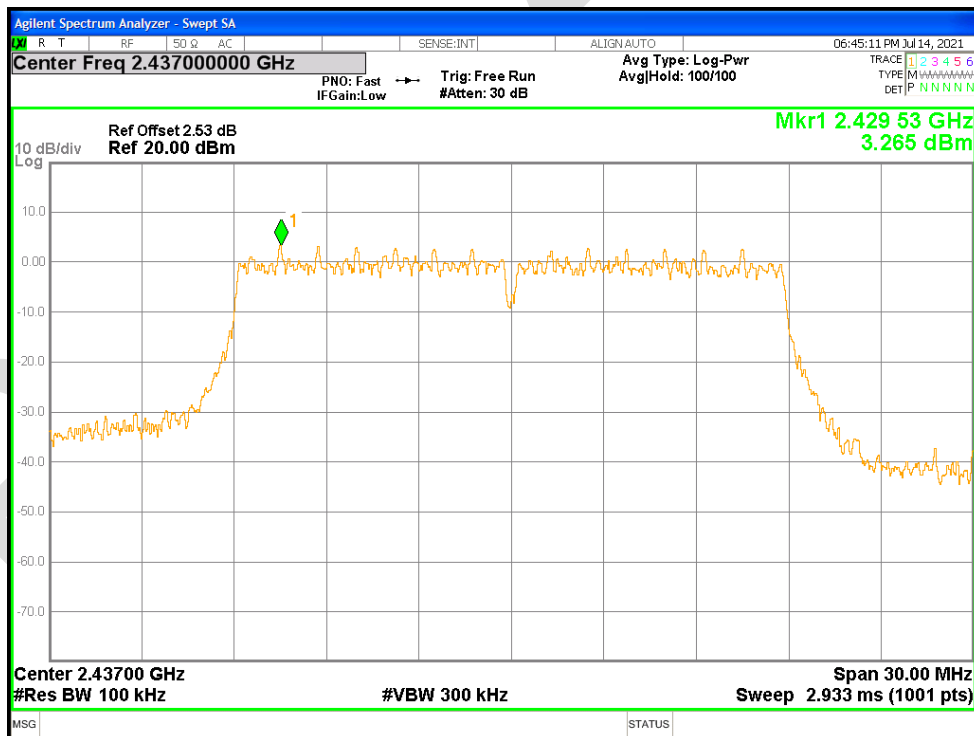
Tx. Spurious NVNT n20 2412MHz Ant1 Ref



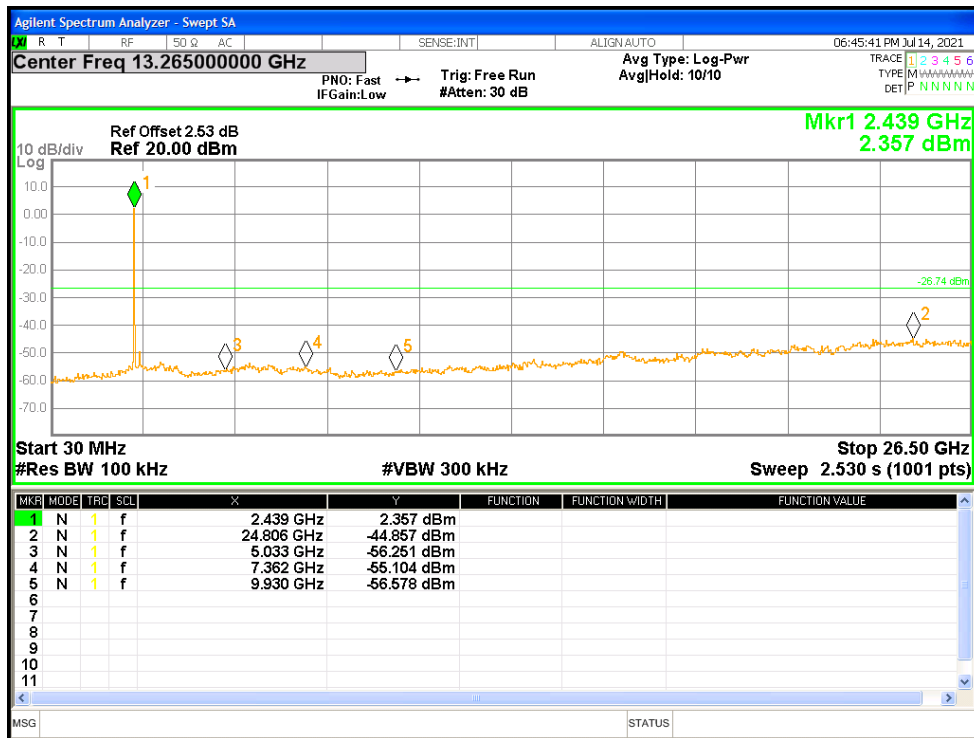
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



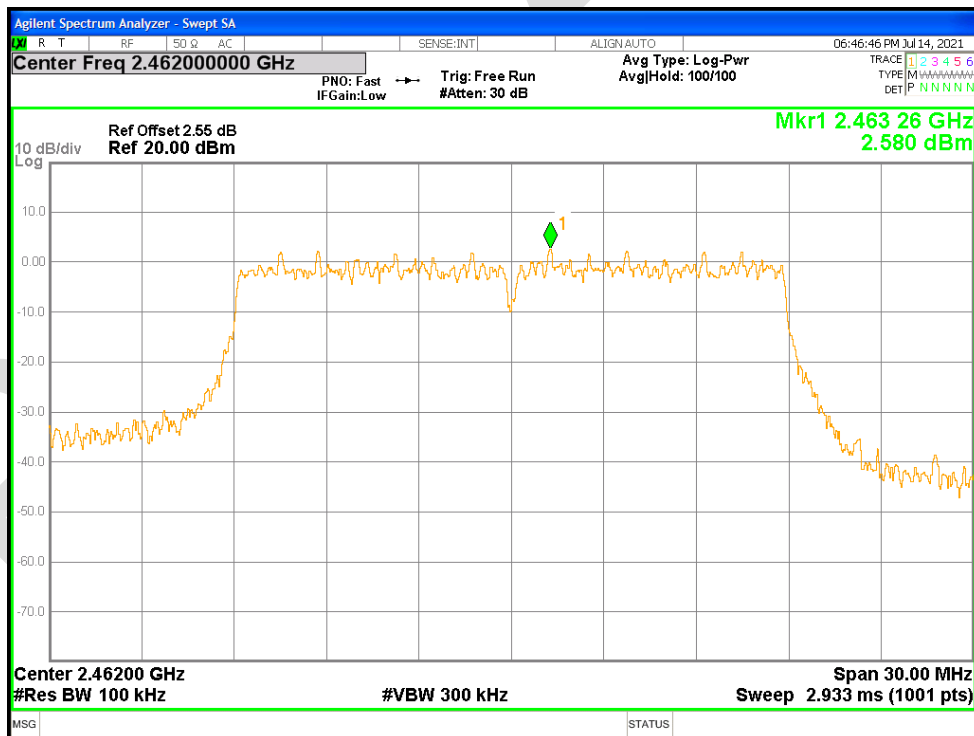
Tx. Spurious NVNT n20 2437MHz Ant1 Ref



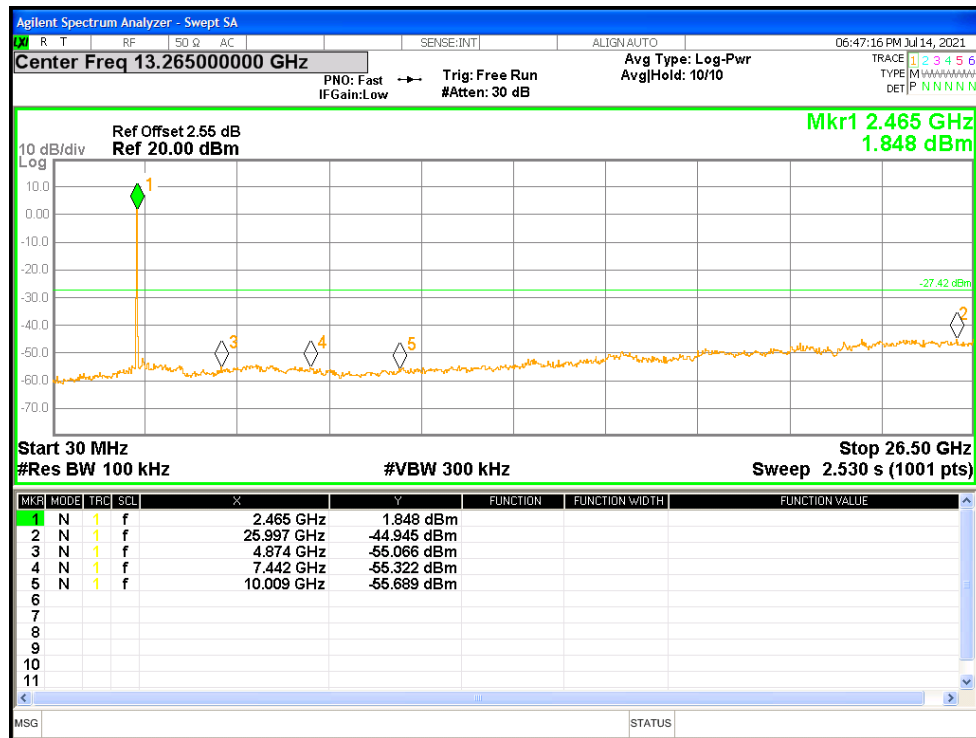
Tx. Spurious NVNT n20 2437MHz Ant1 Emission



Tx. Spurious NVNT n20 2462MHz Ant1 Ref



Tx. Spurious NVNT n20 2462MHz Ant1 Emission



APPENDIX A: PHOTOGRAPHS OF TEST SETUP

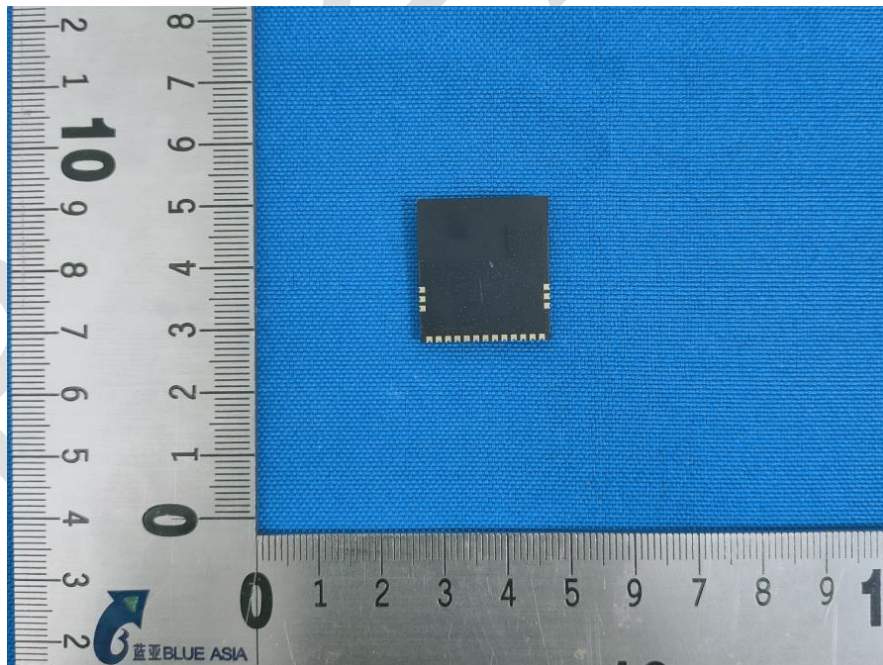
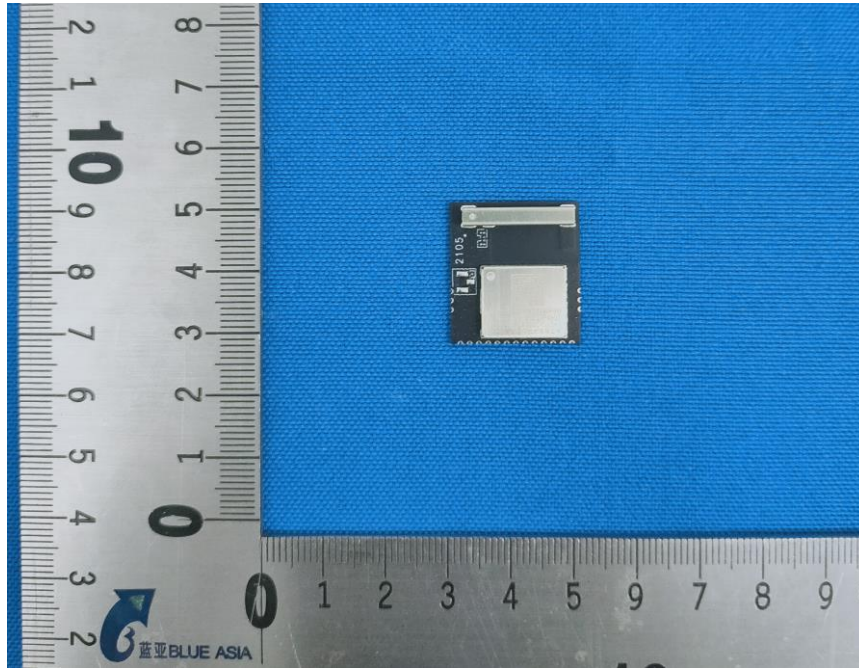
Radiated Spurious Emissions

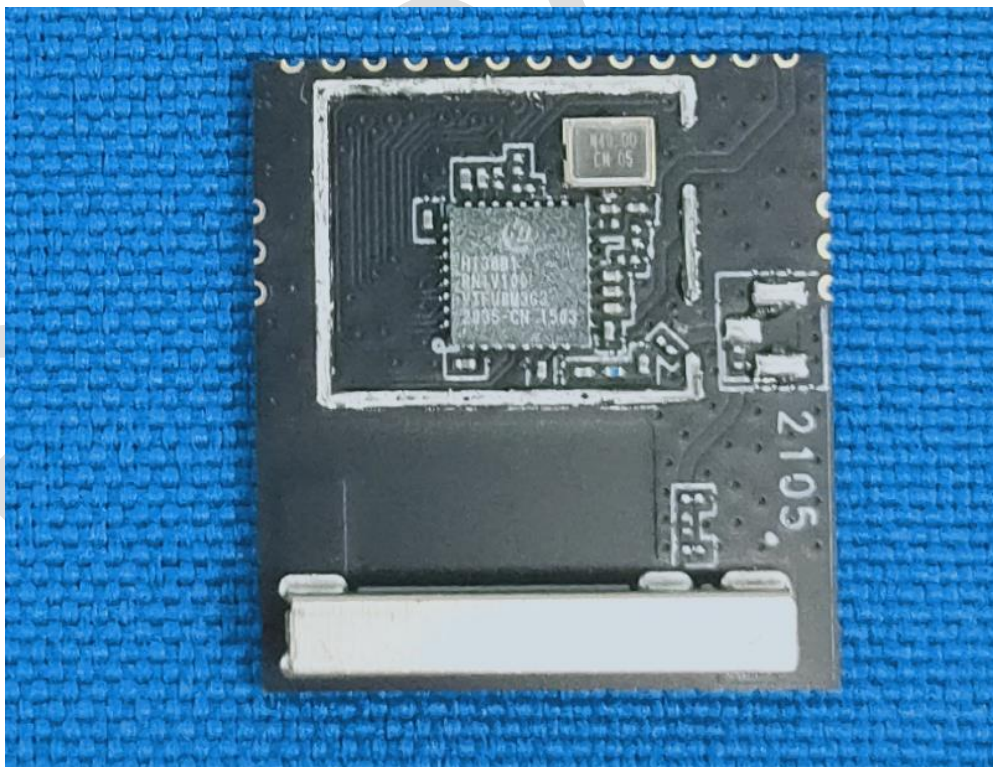
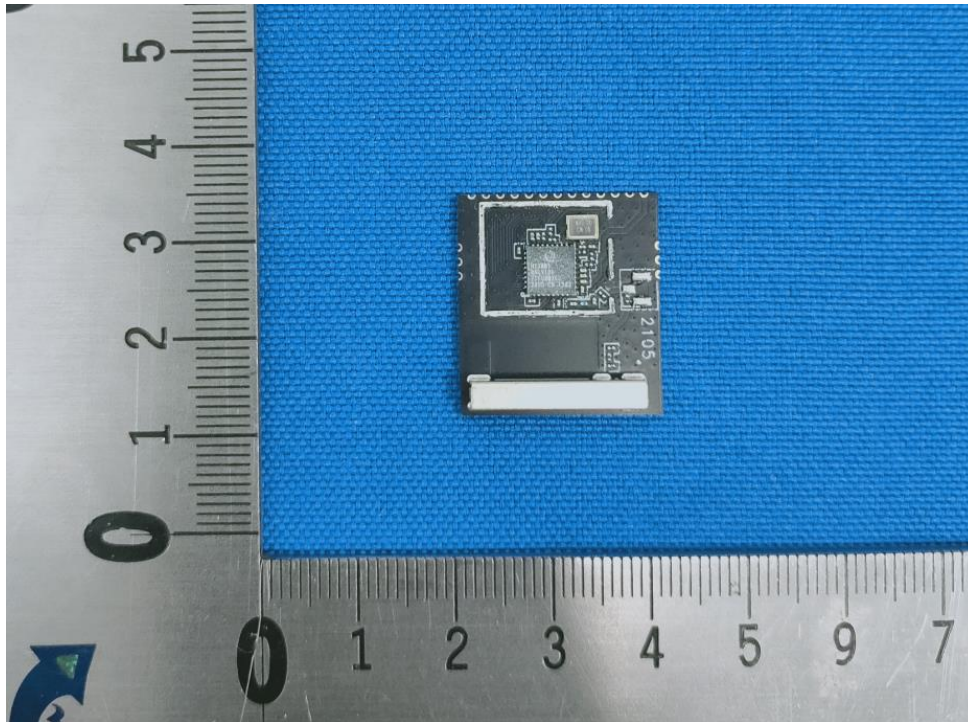


Conducted Emissions at AC Power Line (150kHz-30MHz)



APPENDIX B: PHOTOGRAPHS OF EUT





----END OF REPORT----

The test report is effective only with both signature and specialized stamp, The result(s) shown in this report refer only to the sample(s) tested. Without written approval of BlueAsia, this report can't be reproduced except in full.

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