

3. Final Level = Receiver Read level + LISN Factor + Cable Loss.

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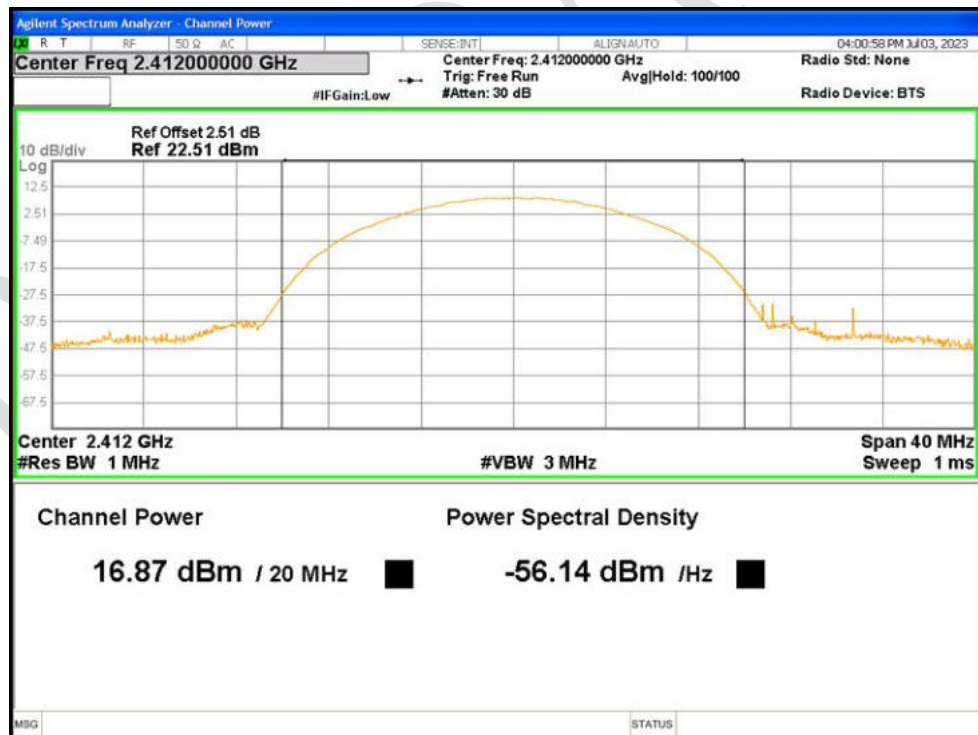
19 APPENDIX

Appendix1

19.1 MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	16.870	30	Pass
NVNT	b	2437	Ant1	16.610	30	Pass
NVNT	b	2462	Ant1	17.200	30	Pass
NVNT	g	2412	Ant1	16.736	30	Pass
NVNT	g	2437	Ant1	16.805	30	Pass
NVNT	g	2462	Ant1	17.292	30	Pass
NVNT	n20	2412	Ant1	16.68	30	Pass
NVNT	n20	2437	Ant1	16.763	30	Pass
NVNT	n20	2462	Ant1	17.191	30	Pass

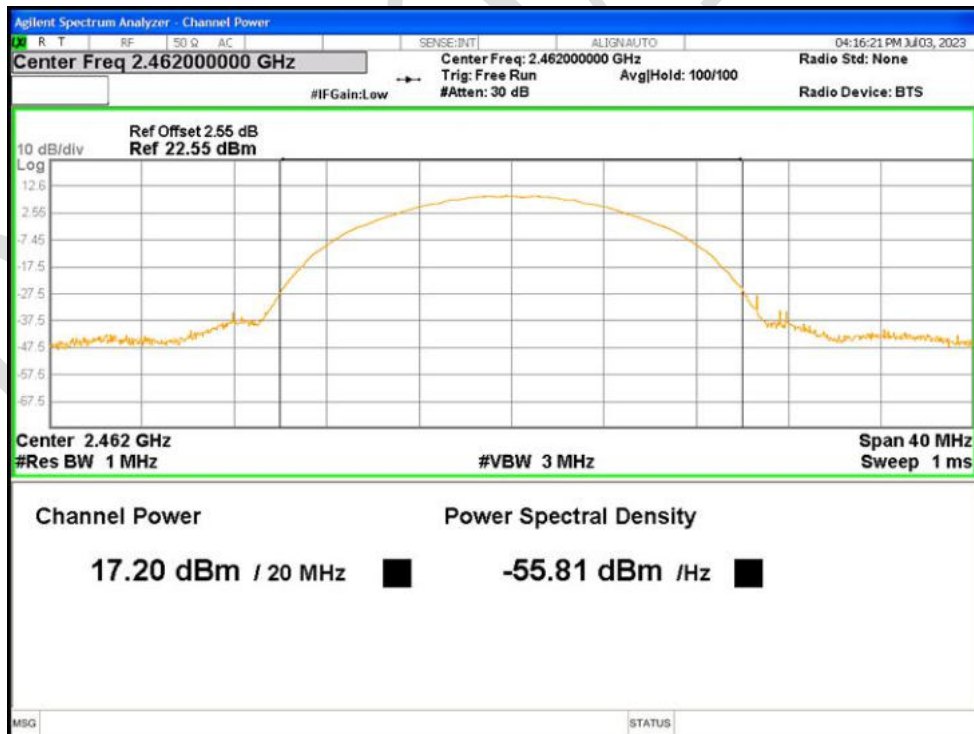
Power NVNT b 2412MHz Ant1



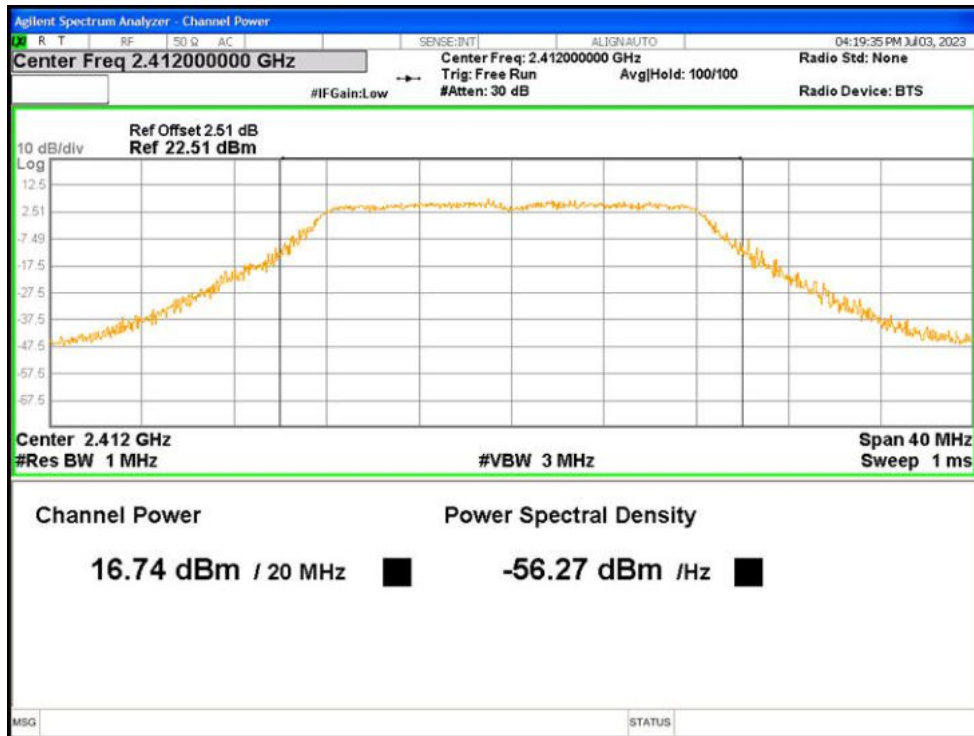
Power NVNT b 2437MHz Ant1



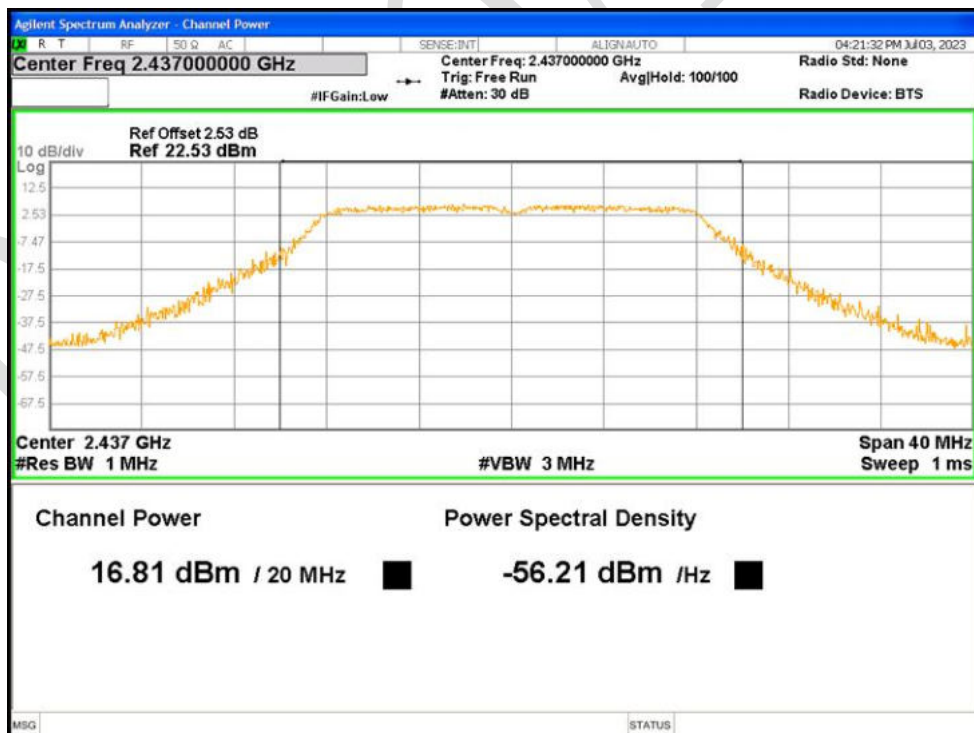
Power NVNT b 2462MHz Ant1



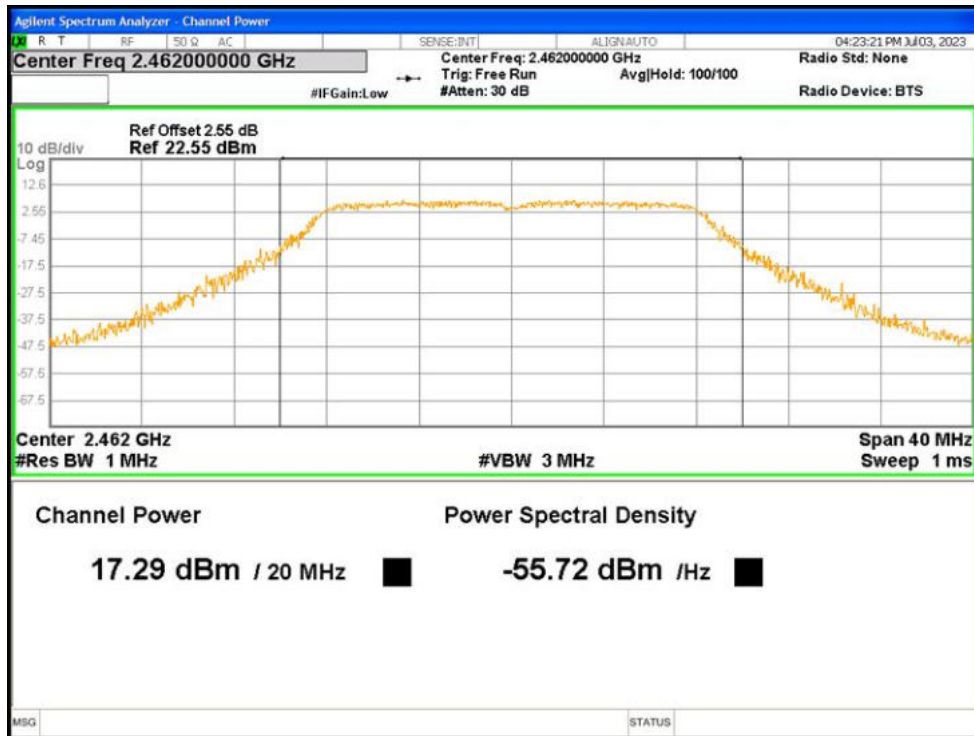
Power NVNT g 2412MHz Ant1



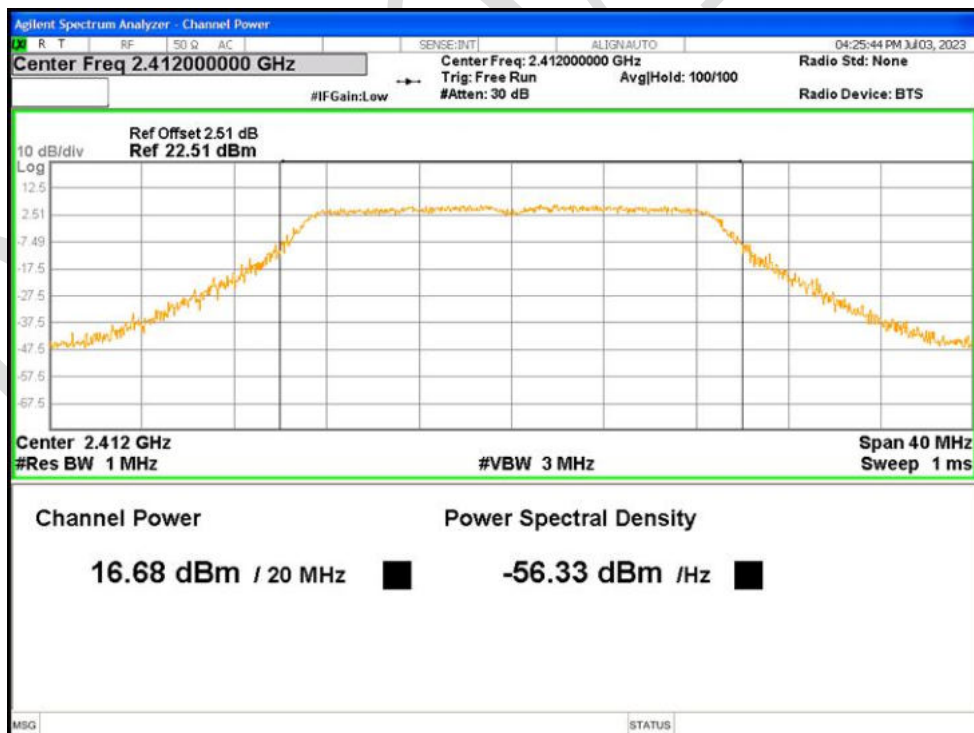
Power NVNT g 2437MHz Ant1



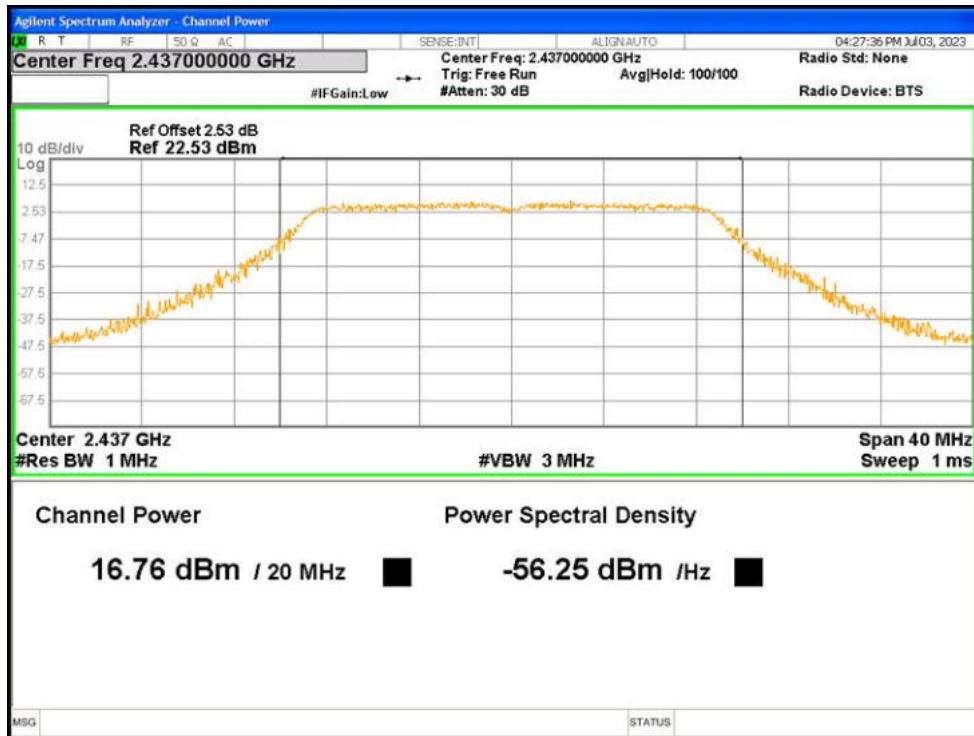
Power NVNT g 2462MHz Ant1



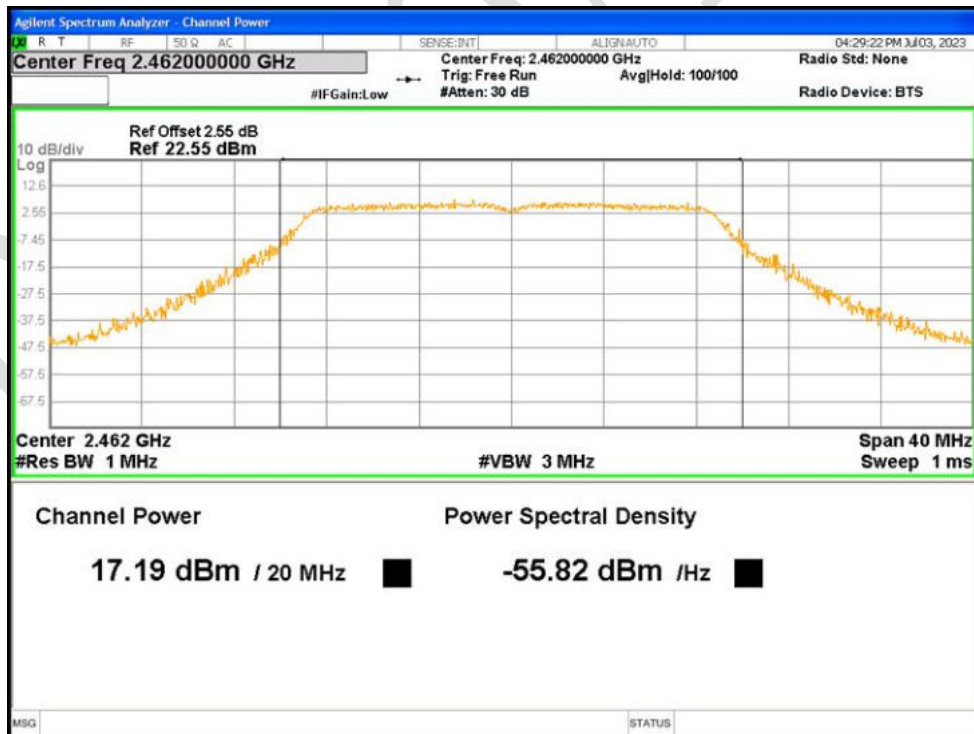
Power NVNT n20 2412MHz Ant1



Power NVNT n20 2437MHz Ant1



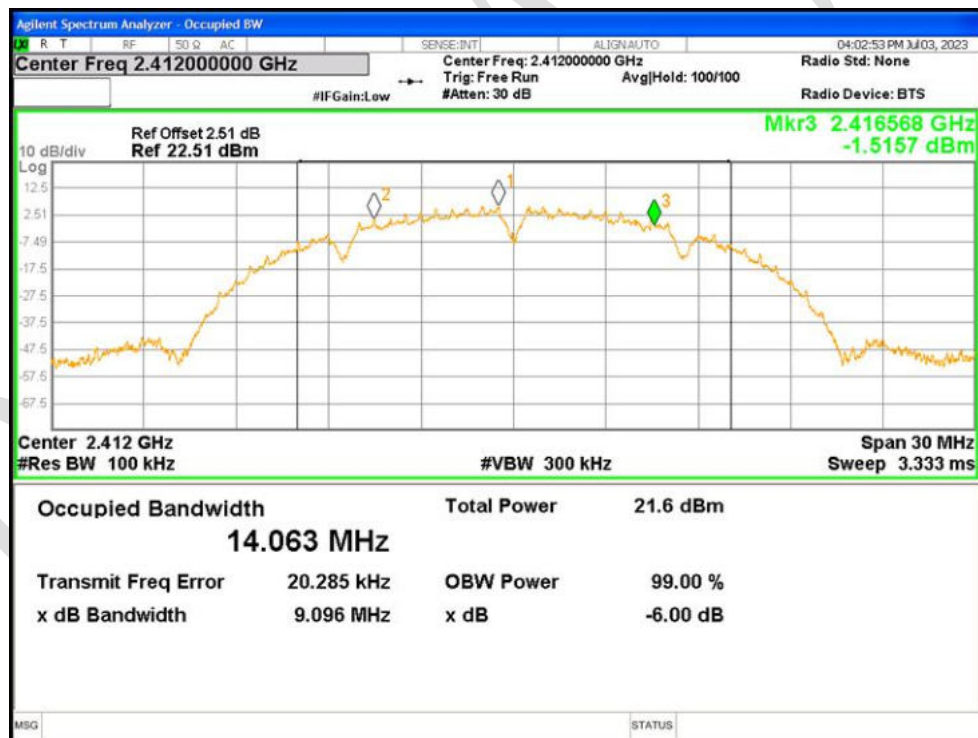
Power NVNT n20 2462MHz Ant1



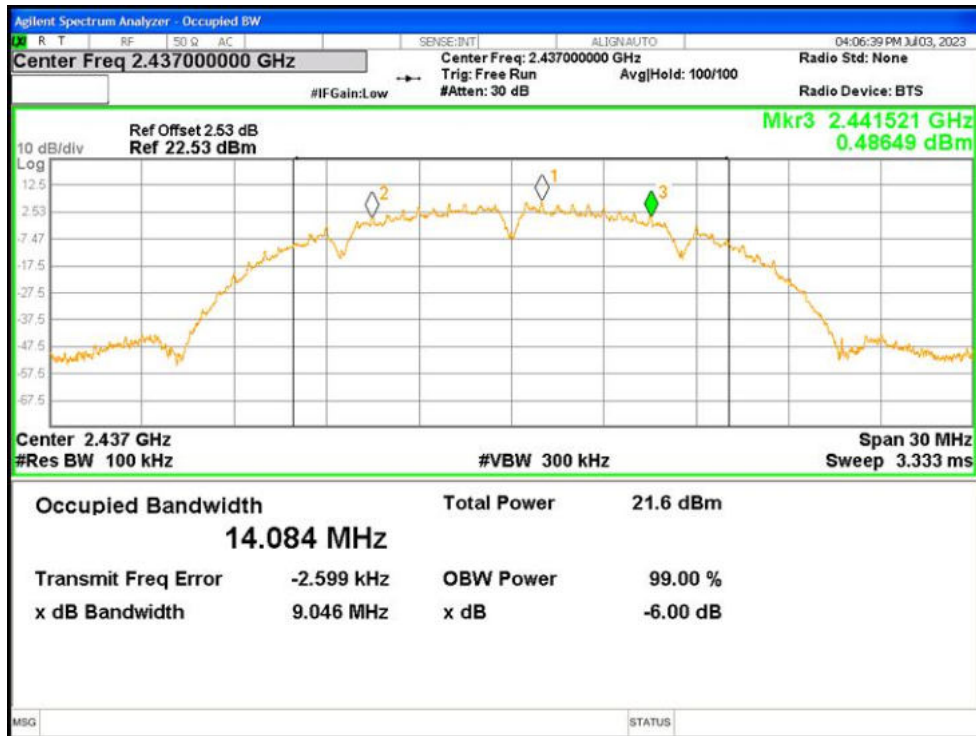
19.2 -6DB BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	9.096	0.5	Pass
NVNT	b	2437	Ant1	9.046	0.5	Pass
NVNT	b	2462	Ant1	9.06	0.5	Pass
NVNT	g	2412	Ant1	16.156	0.5	Pass
NVNT	g	2437	Ant1	16.347	0.5	Pass
NVNT	g	2462	Ant1	16.32	0.5	Pass
NVNT	n20	2412	Ant1	17.573	0.5	Pass
NVNT	n20	2437	Ant1	17.571	0.5	Pass
NVNT	n20	2462	Ant1	17.556	0.5	Pass

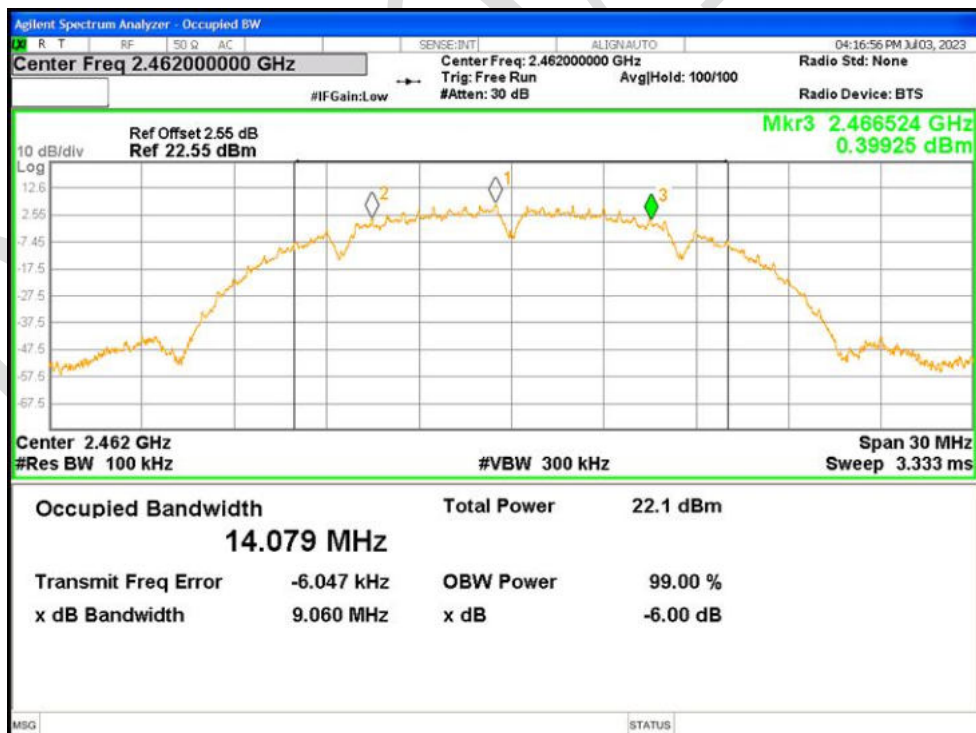
-6dB Bandwidth NVNT b 2412MHz Ant1



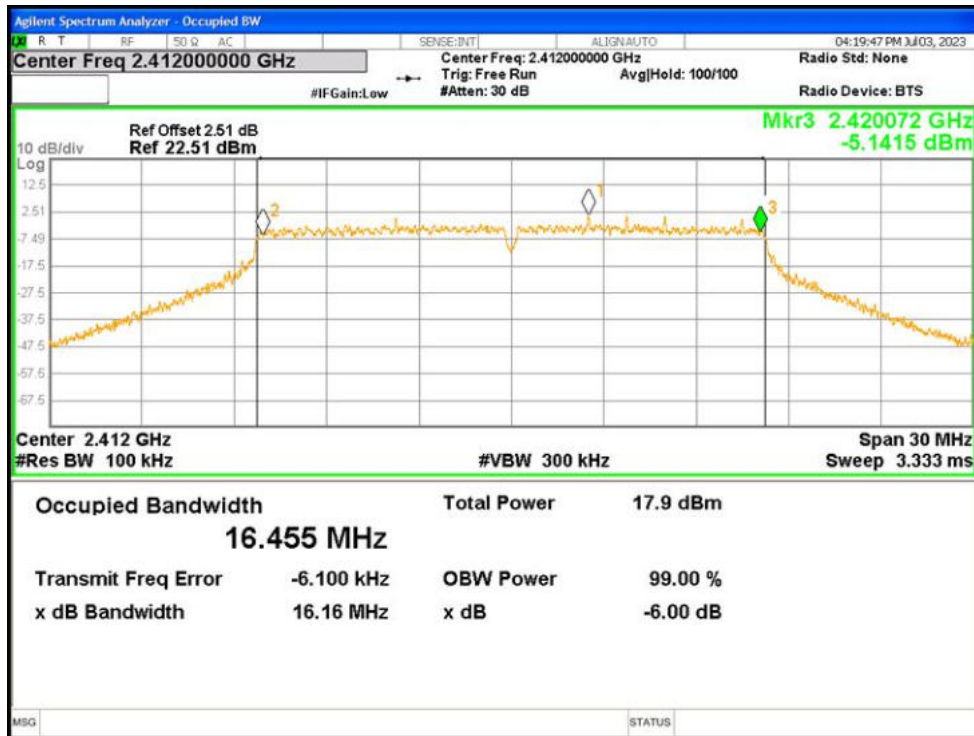
-6dB Bandwidth NVNT b 2437MHz Ant1



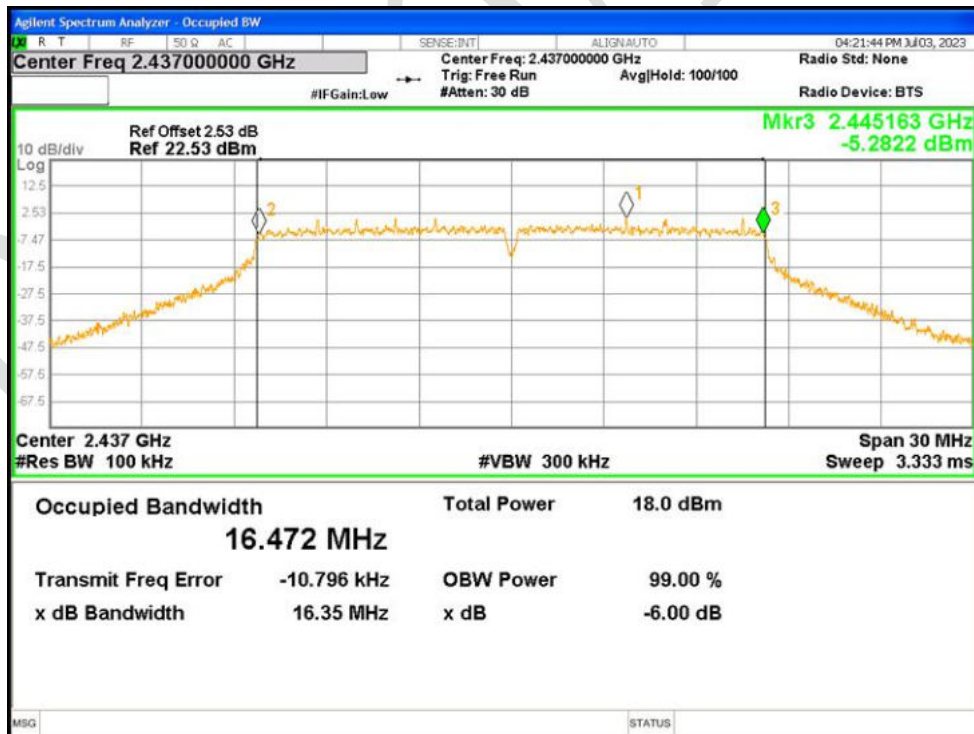
-6dB Bandwidth NVNT b 2462MHz Ant1



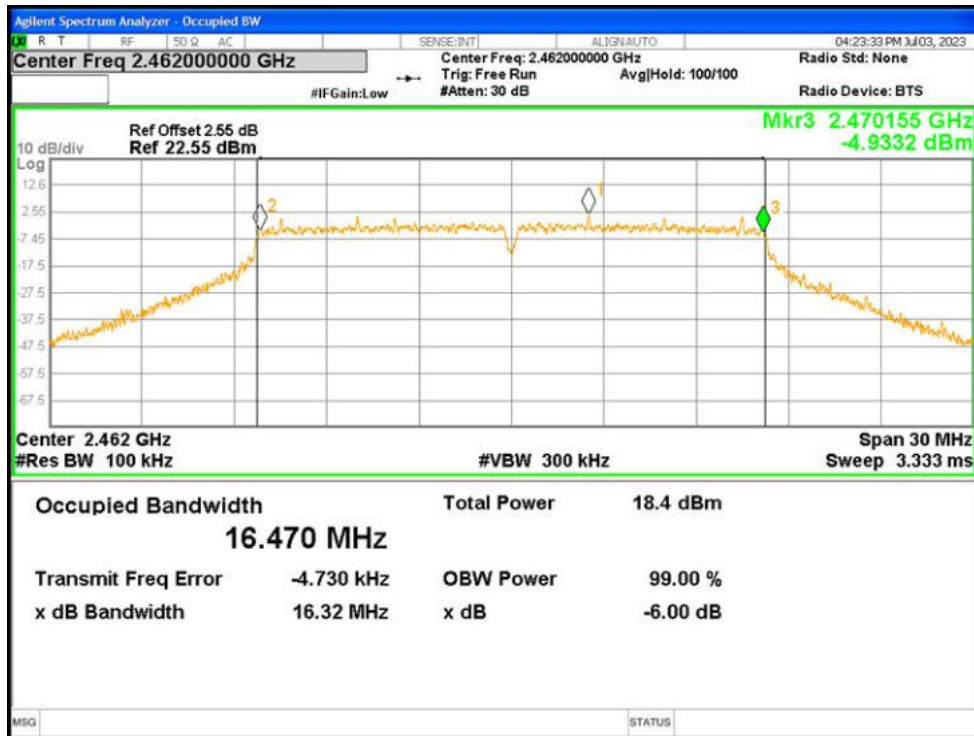
-6dB Bandwidth NVNT g 2412MHz Ant1



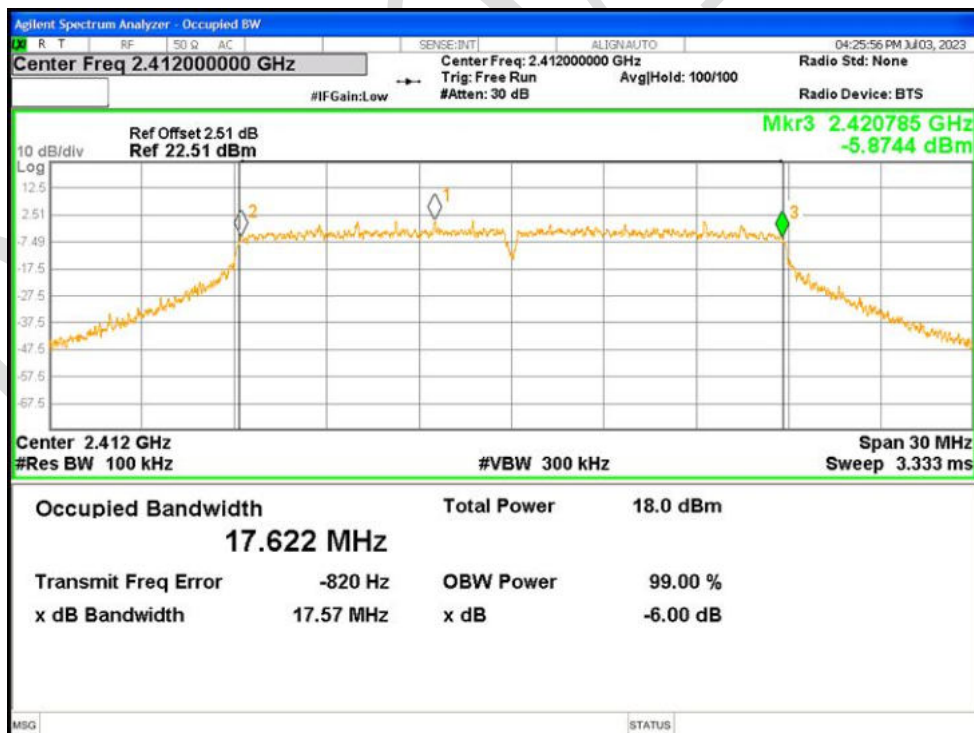
-6dB Bandwidth NVNT g 2437MHz Ant1



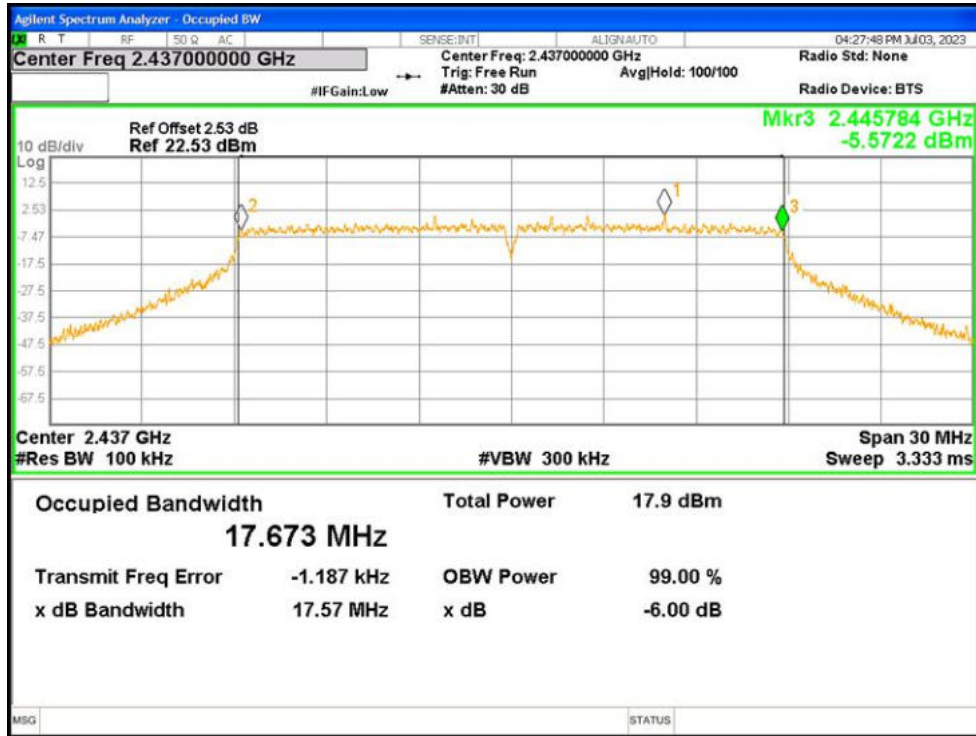
-6dB Bandwidth NVNT g 2462MHz Ant1



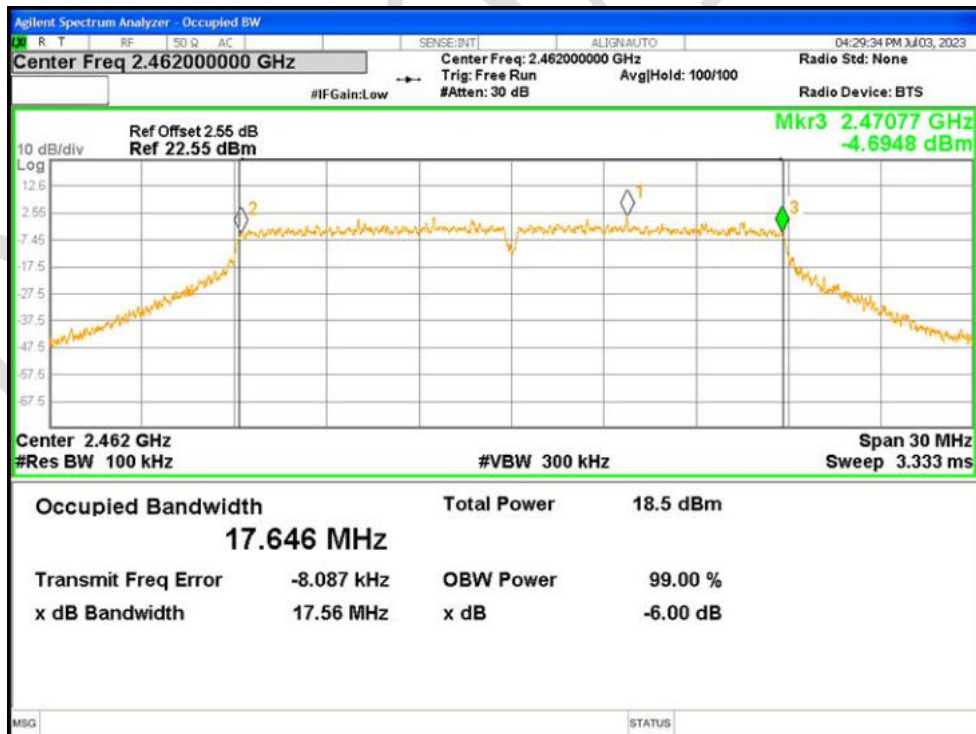
-6dB Bandwidth NVNT n20 2412MHz Ant1



-6dB Bandwidth NVNT n20 2437MHz Ant1



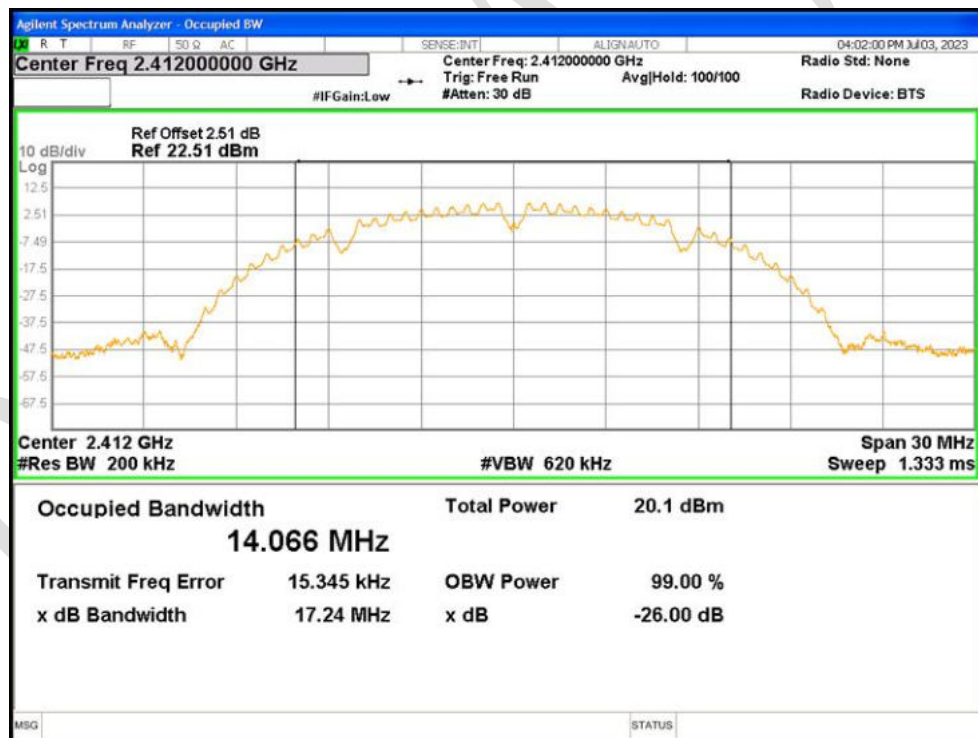
-6dB Bandwidth NVNT n20 2462MHz Ant1



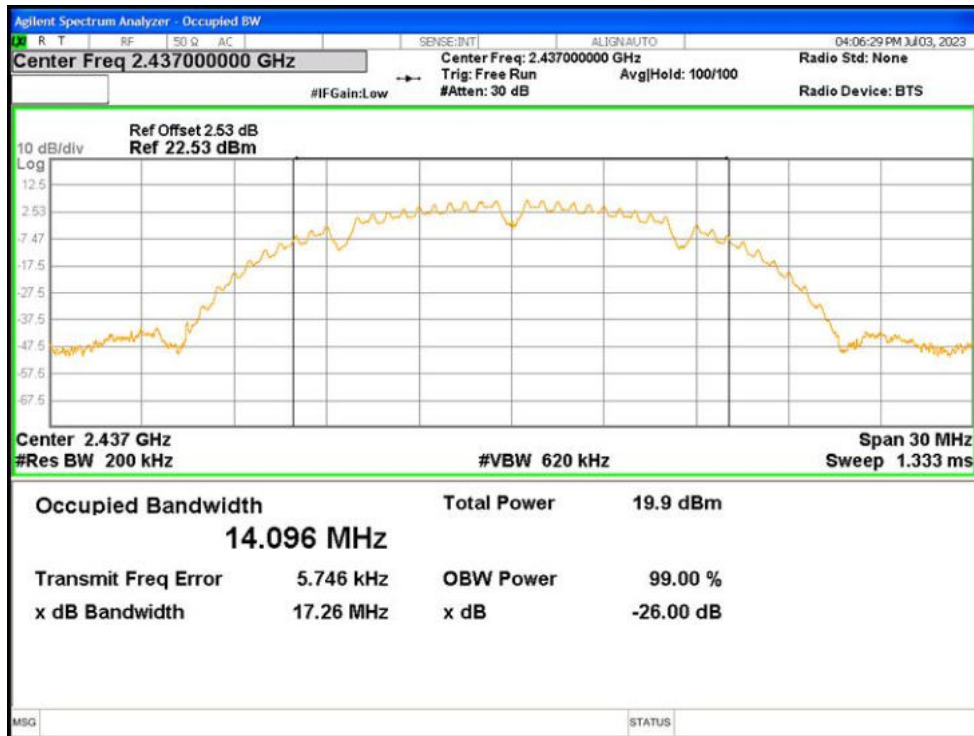
19.3 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	14.066
NVNT	b	2437	Ant1	14.096
NVNT	b	2462	Ant1	14.069
NVNT	g	2412	Ant1	16.608
NVNT	g	2437	Ant1	16.632
NVNT	g	2462	Ant1	16.592
NVNT	n20	2412	Ant1	17.695
NVNT	n20	2437	Ant1	17.754
NVNT	n20	2462	Ant1	17.749

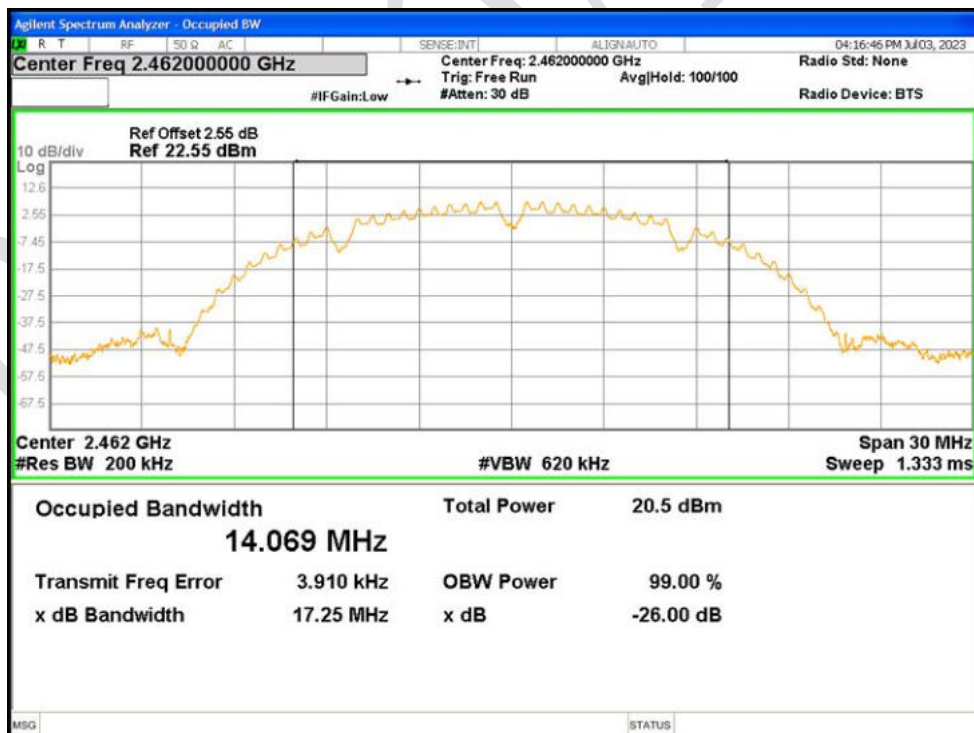
OBW NVNT b 2412MHz Ant1



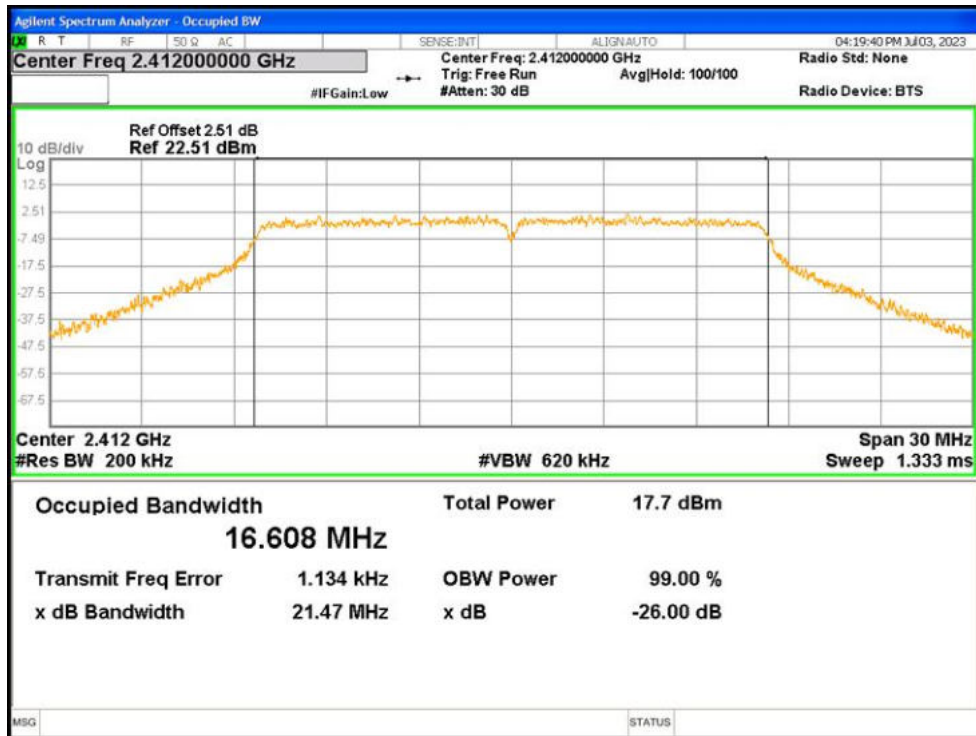
OBW NVNT b 2437MHz Ant1



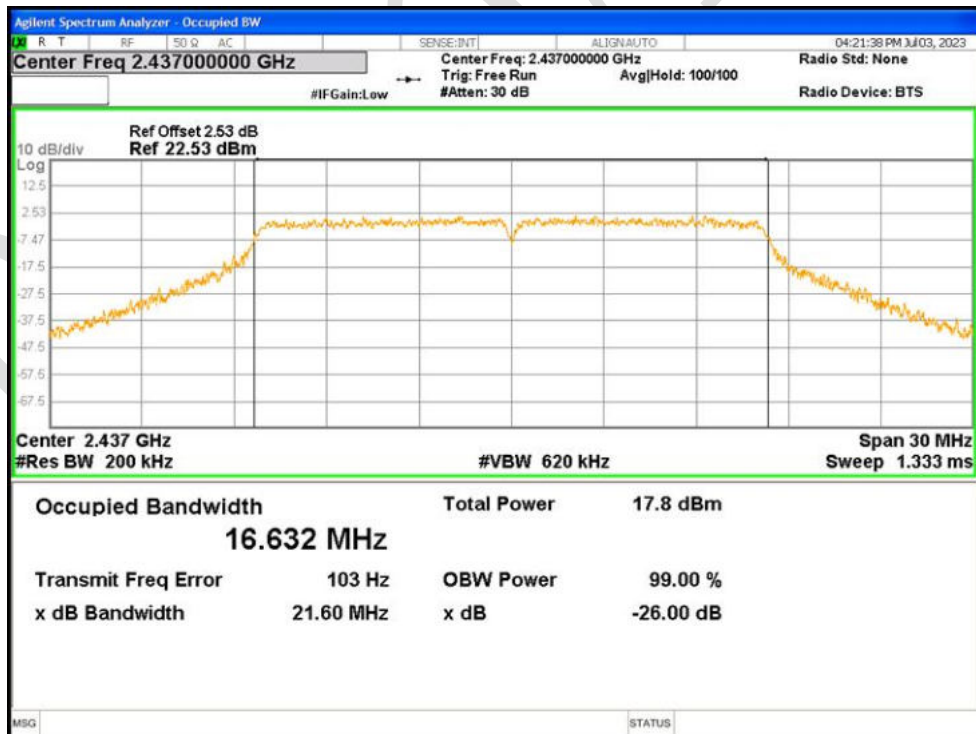
OBW NVNT b 2462MHz Ant1



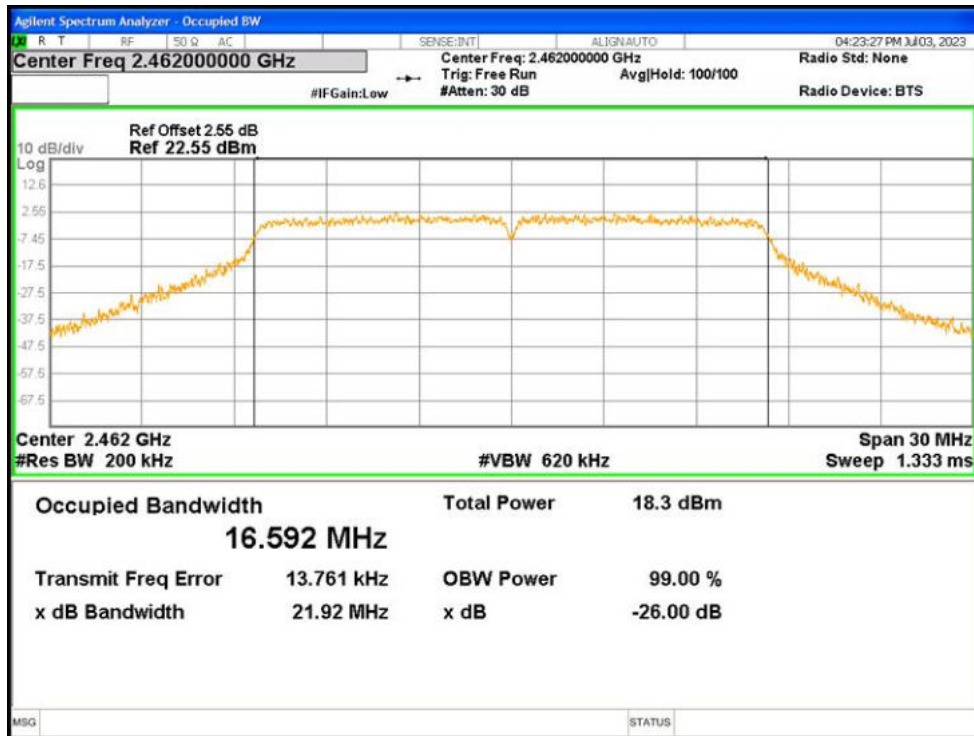
OBW NVNT g 2412MHz Ant1



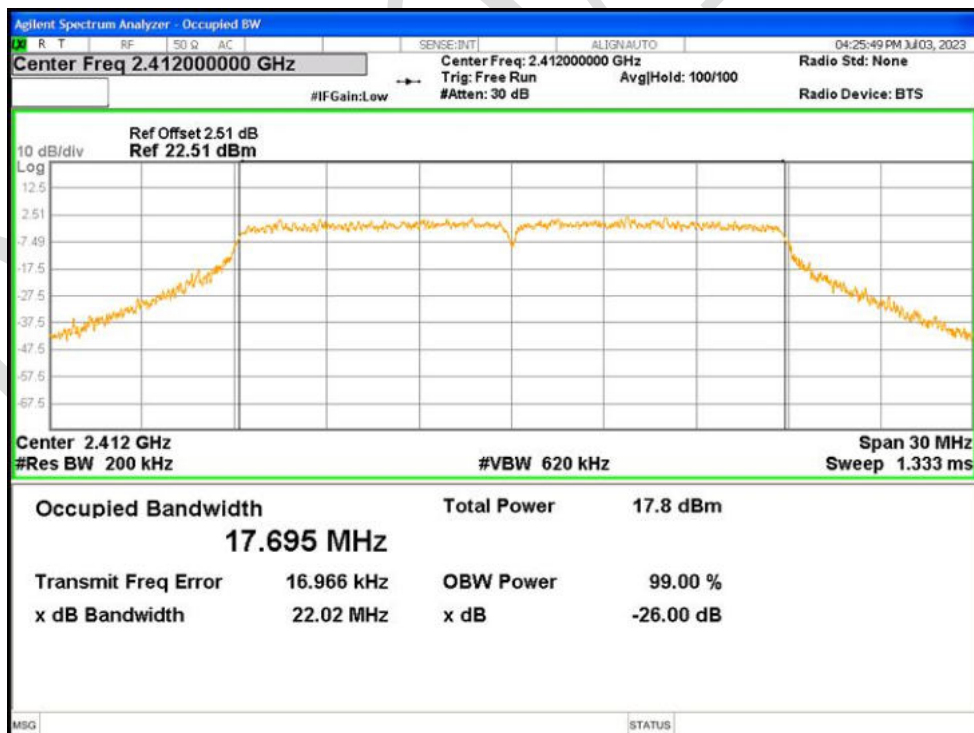
OBW NVNT g 2437MHz Ant1



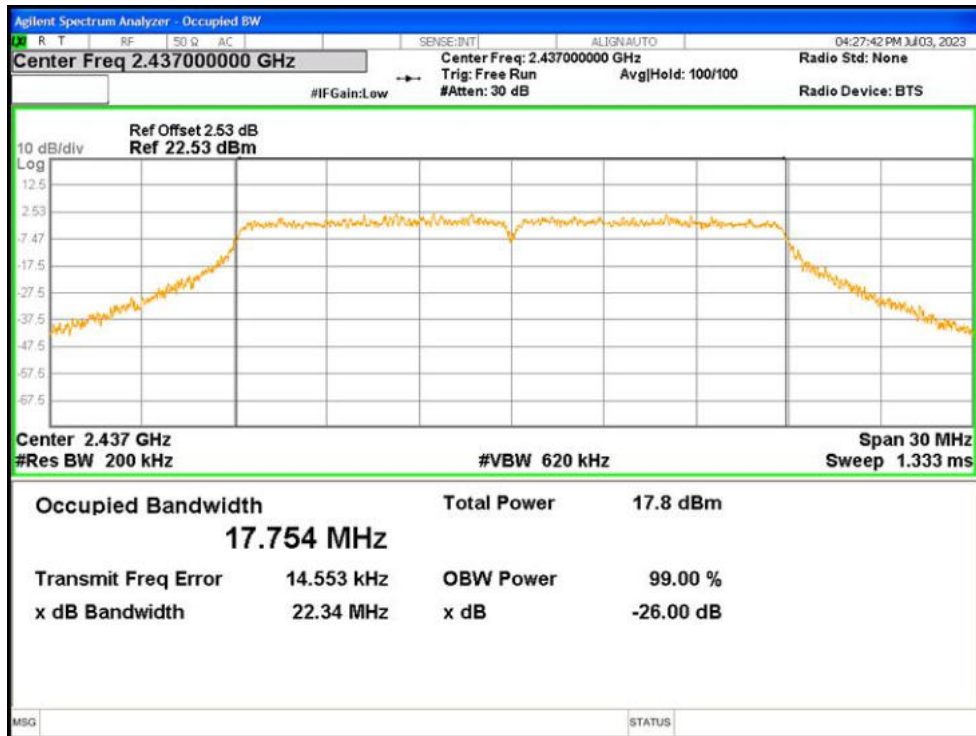
OBW NVNT g 2462MHz Ant1



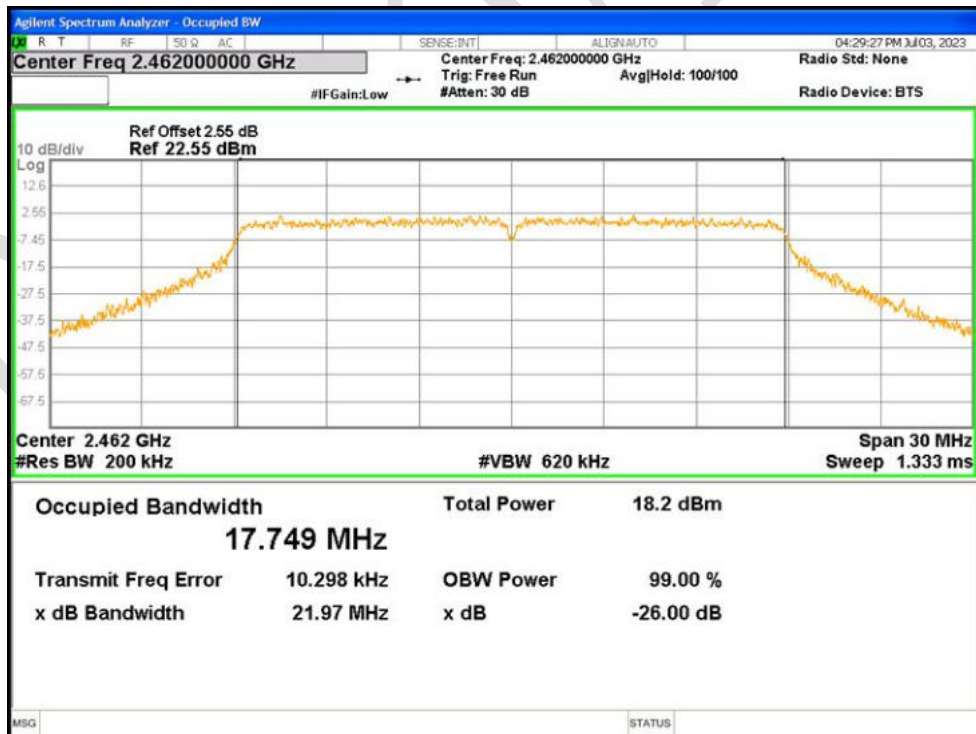
OBW NVNT n20 2412MHz Ant1



OBW NVNT n20 2437MHz Ant1



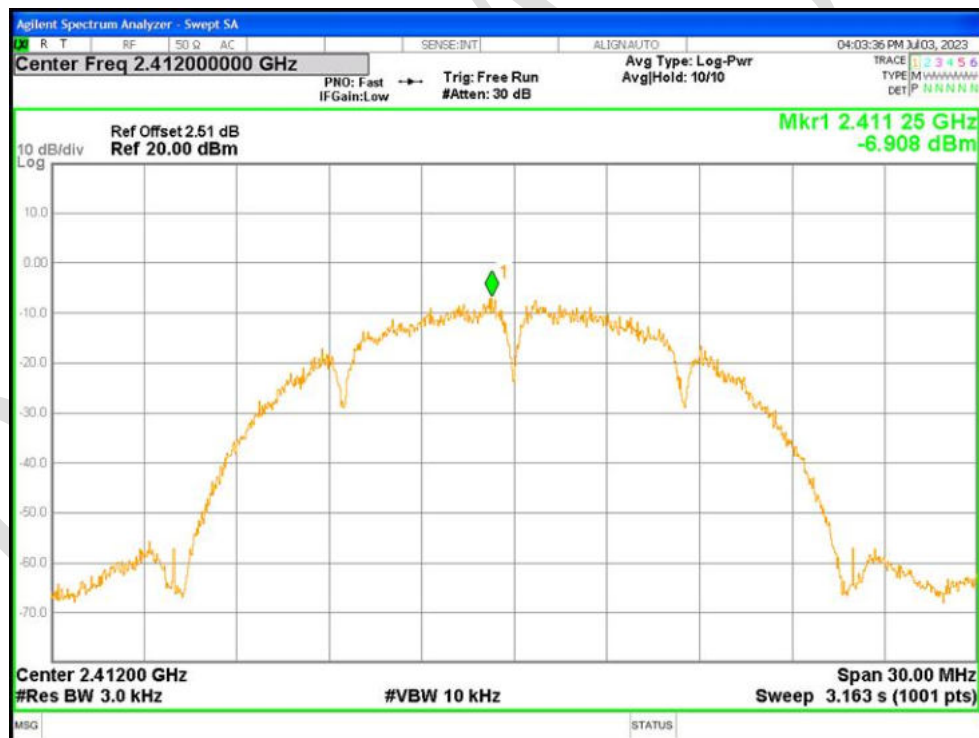
OBW NVNT n20 2462MHz Ant1



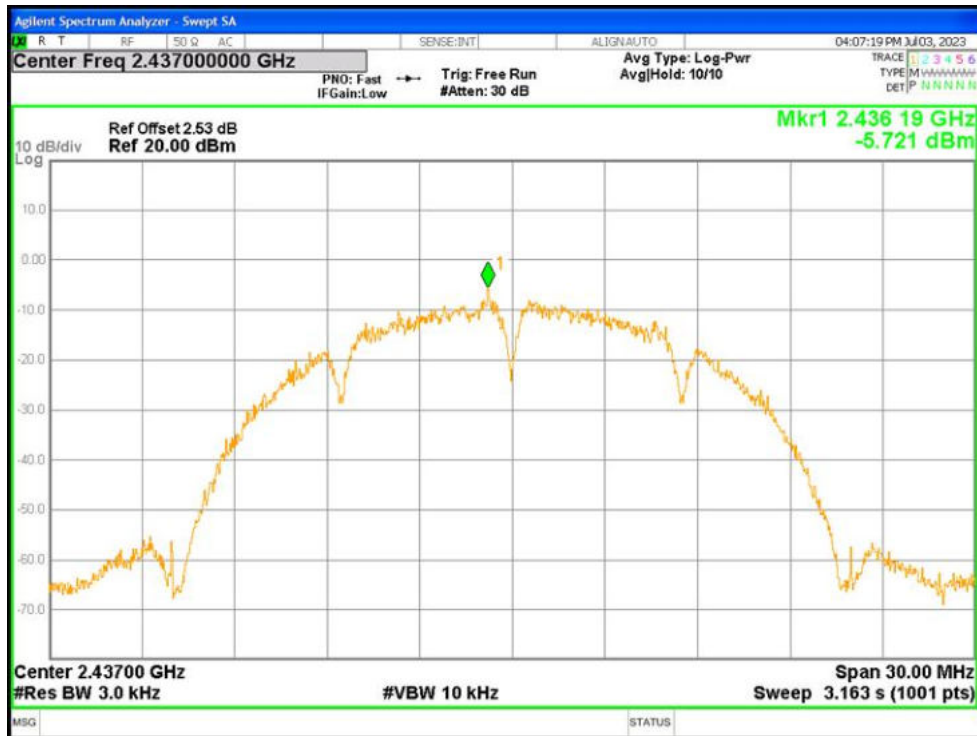
19.4 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-6.908	8	Pass
NVNT	b	2437	Ant1	-5.721	8	Pass
NVNT	b	2462	Ant1	-7.227	8	Pass
NVNT	g	2412	Ant1	-13.159	8	Pass
NVNT	g	2437	Ant1	-12.242	8	Pass
NVNT	g	2462	Ant1	-12.17	8	Pass
NVNT	n20	2412	Ant1	-12.068	8	Pass
NVNT	n20	2437	Ant1	-12.564	8	Pass
NVNT	n20	2462	Ant1	-11.408	8	Pass

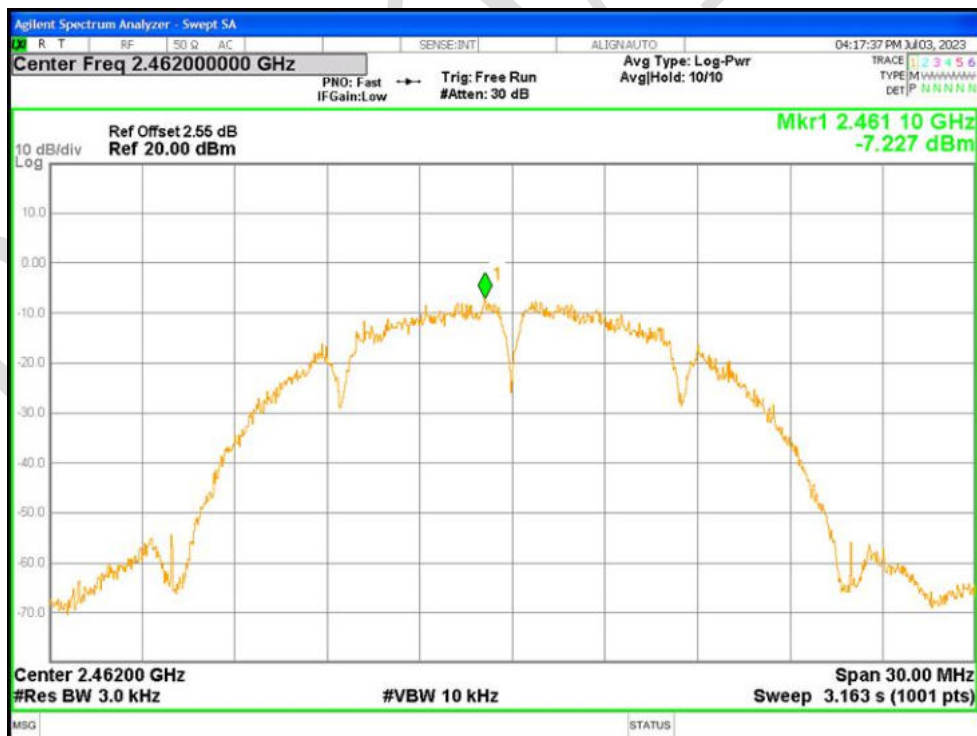
PSD NVNT b 2412MHz Ant1



PSD NVNT b 2437MHz Ant1



PSD NVNT b 2462MHz Ant1



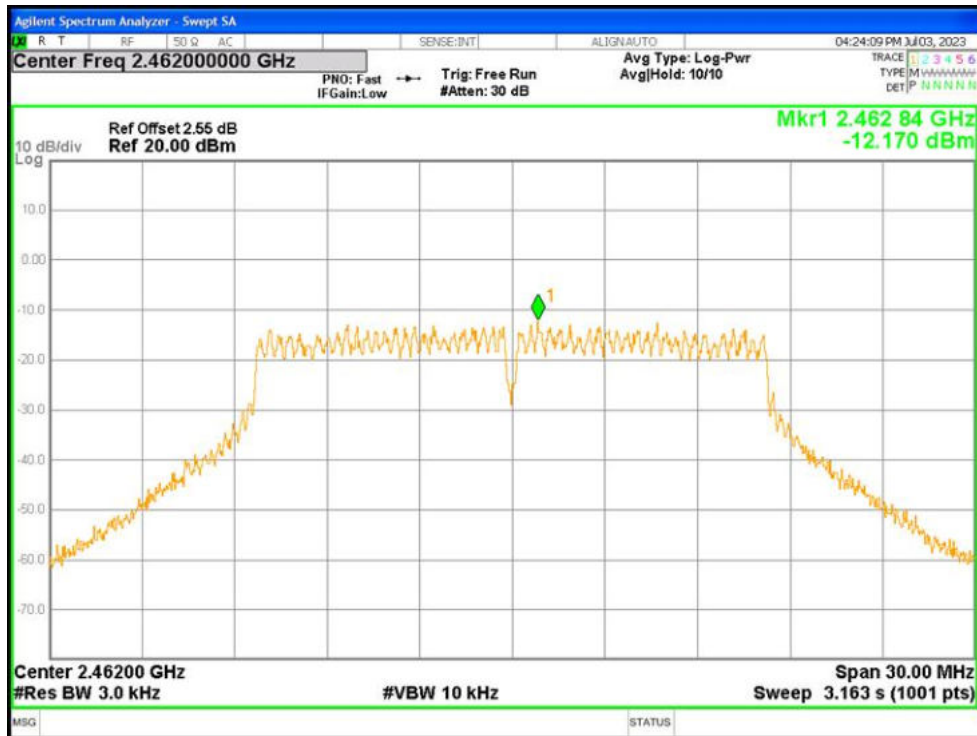
PSD NVNT g 2412MHz Ant1



PSD NVNT g 2437MHz Ant1



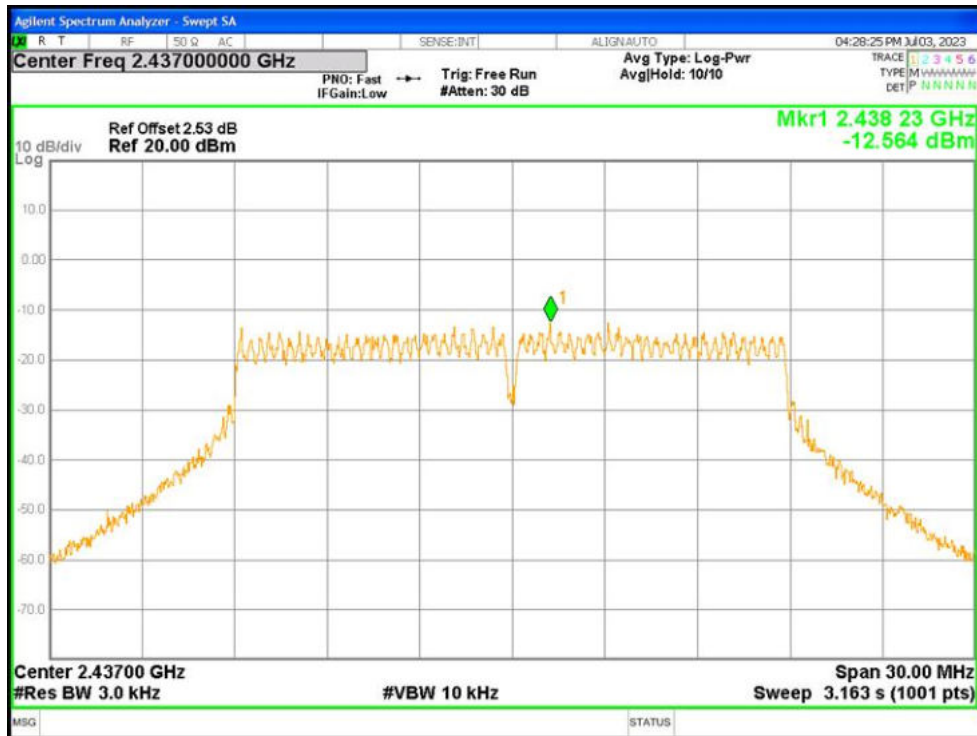
PSD NVNT g 2462MHz Ant1



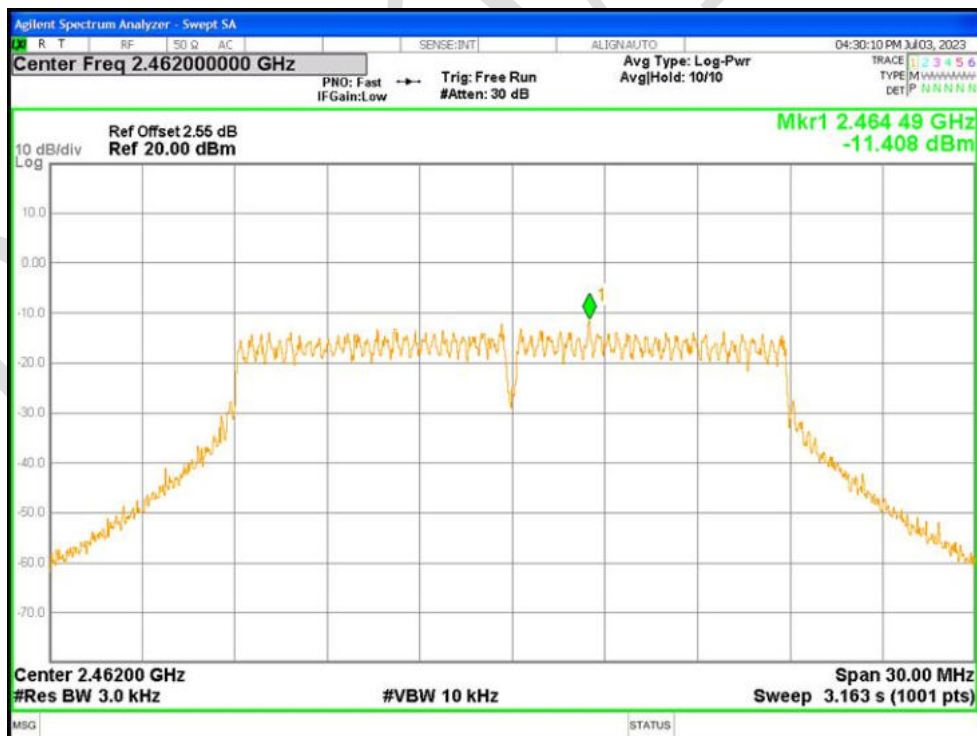
PSD NVNT n20 2412MHz Ant1



PSD NVNT n20 2437MHz Ant1



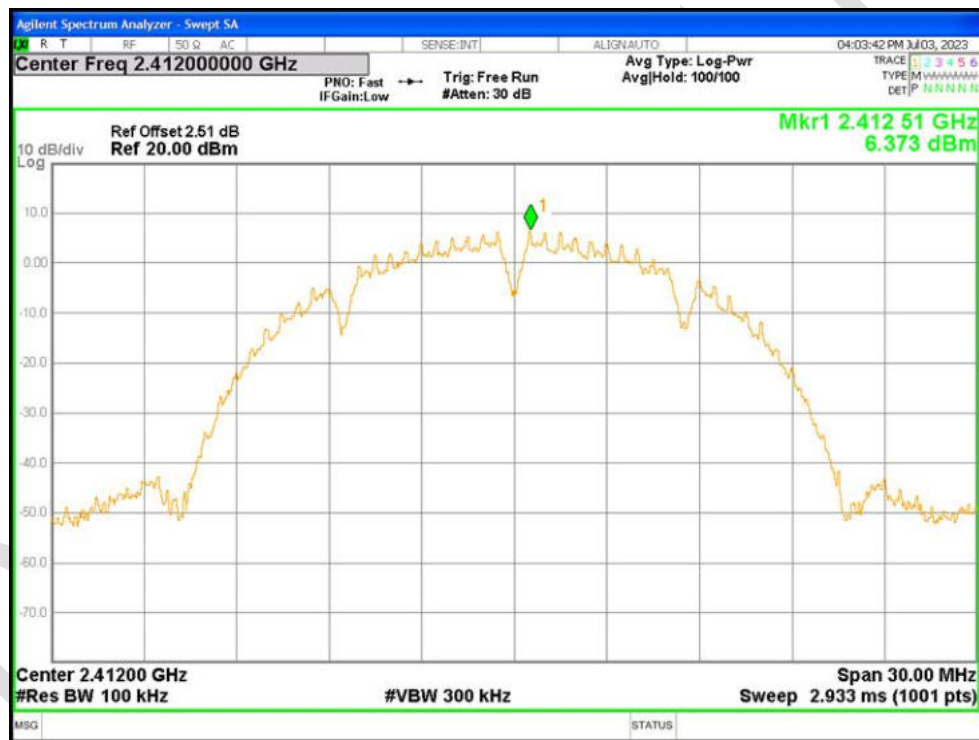
PSD NVNT n20 2462MHz Ant1



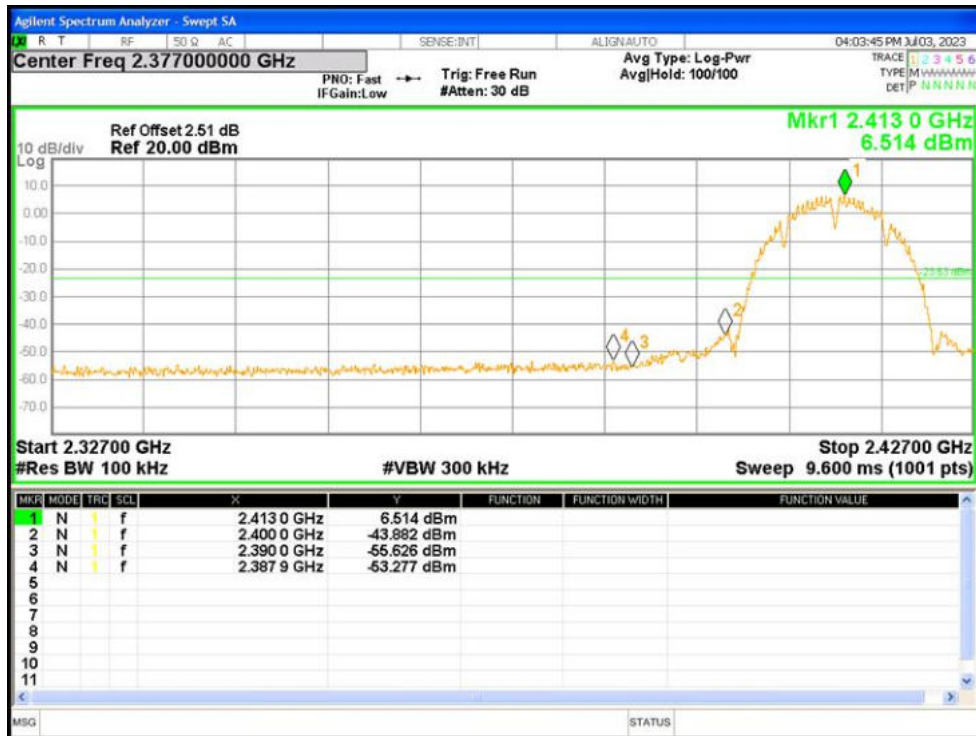
19.5 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-59.64	-30	Pass
NVNT	b	2462	Ant1	-56.76	-30	Pass
NVNT	g	2412	Ant1	-53.51	-30	Pass
NVNT	g	2462	Ant1	-52.78	-30	Pass
NVNT	n20	2412	Ant1	-52.37	-30	Pass
NVNT	n20	2462	Ant1	-53.39	-30	Pass

Band Edge NVNT b 2412MHz Ant1 Ref



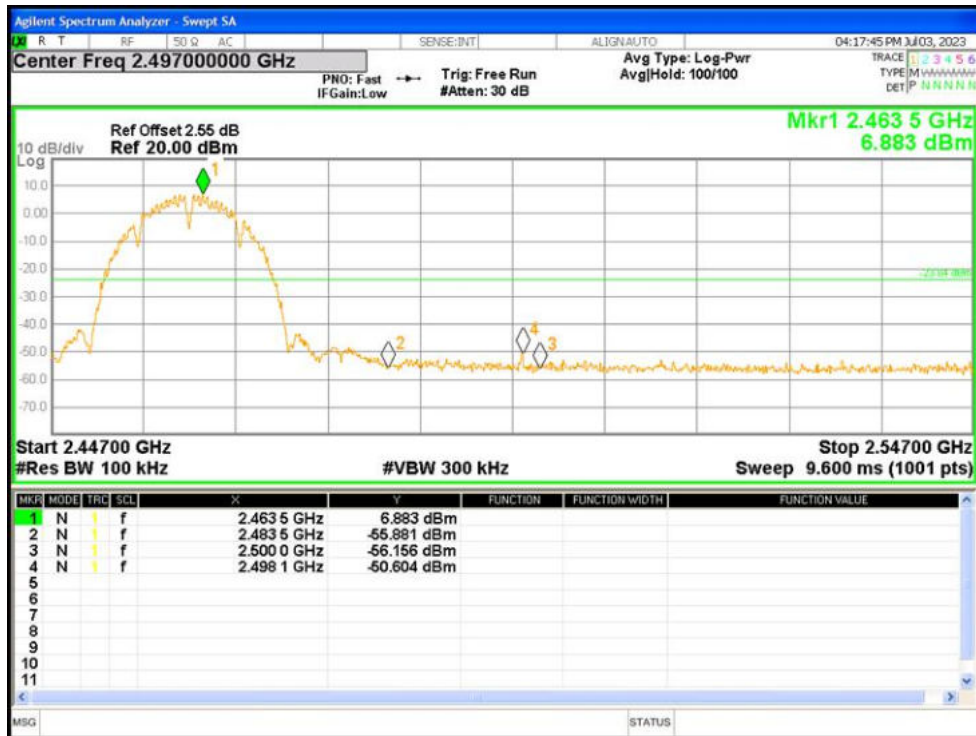
Band Edge NVNT b 2412MHz Ant1 Emission



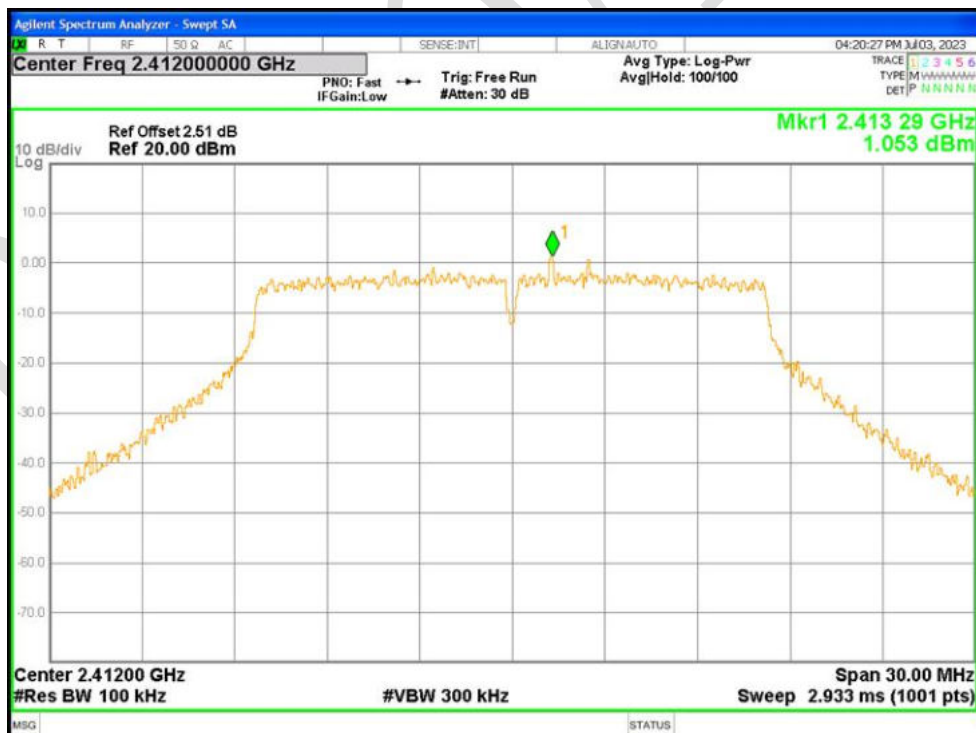
Band Edge NVNT b 2462MHz Ant1 Ref



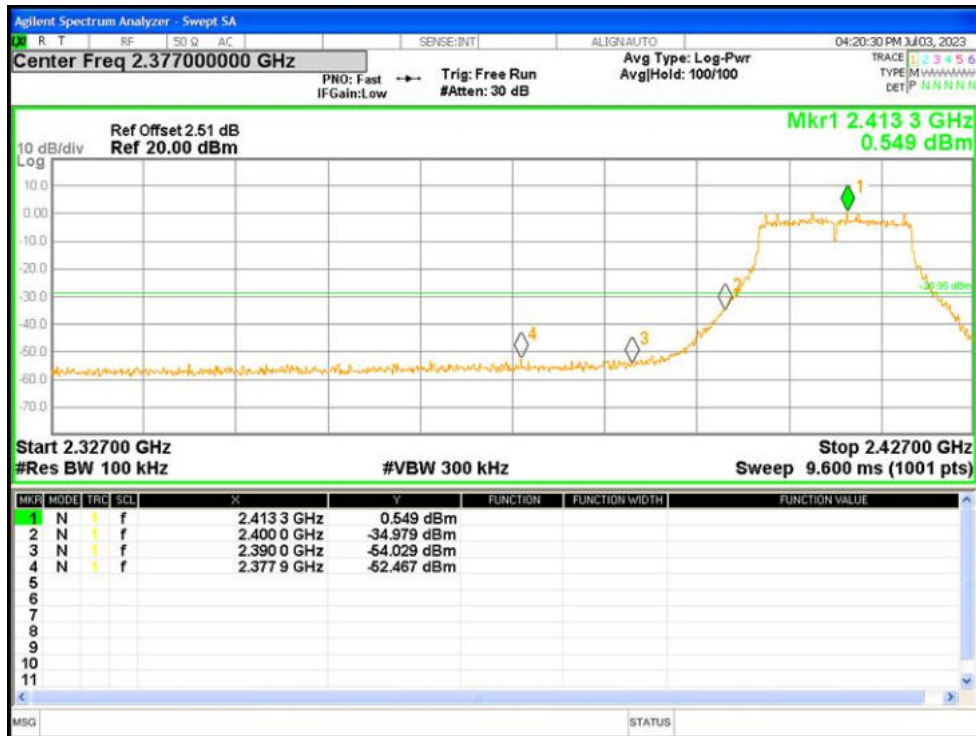
Band Edge NVNT b 2462MHz Ant1 Emission



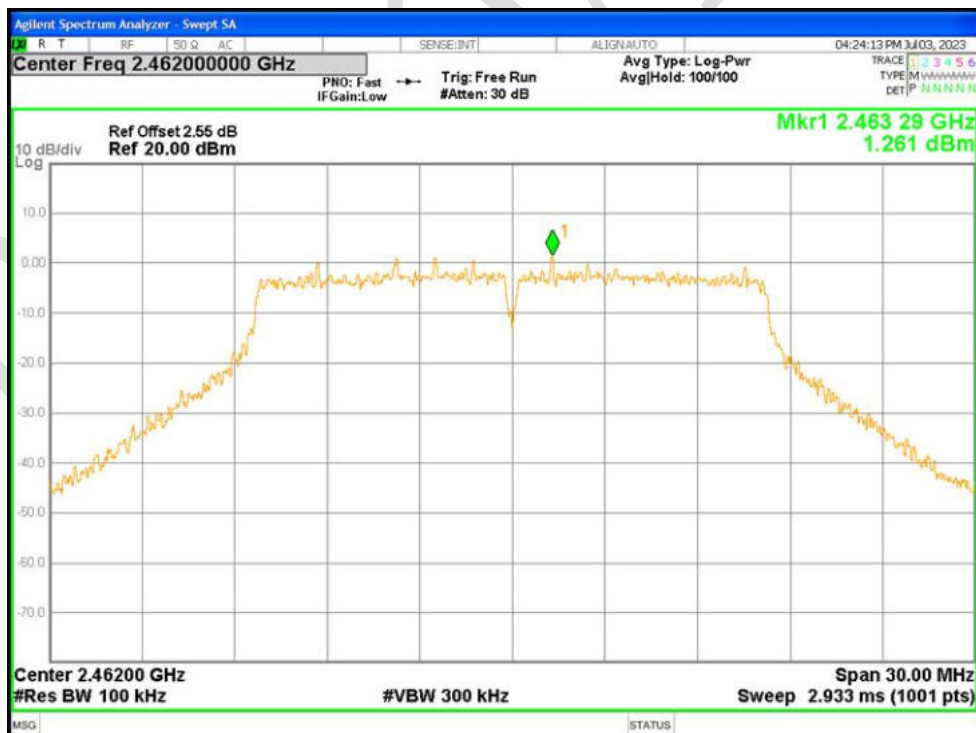
Band Edge NVNT g 2412MHz Ant1 Ref



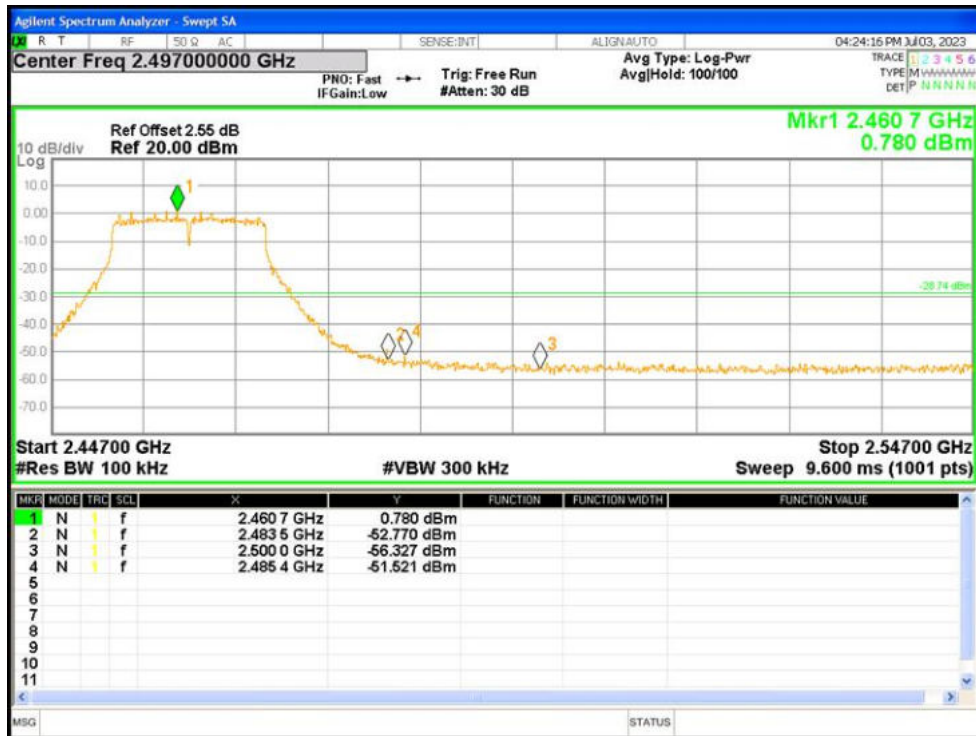
Band Edge NVNT g 2412MHz Ant1 Emission



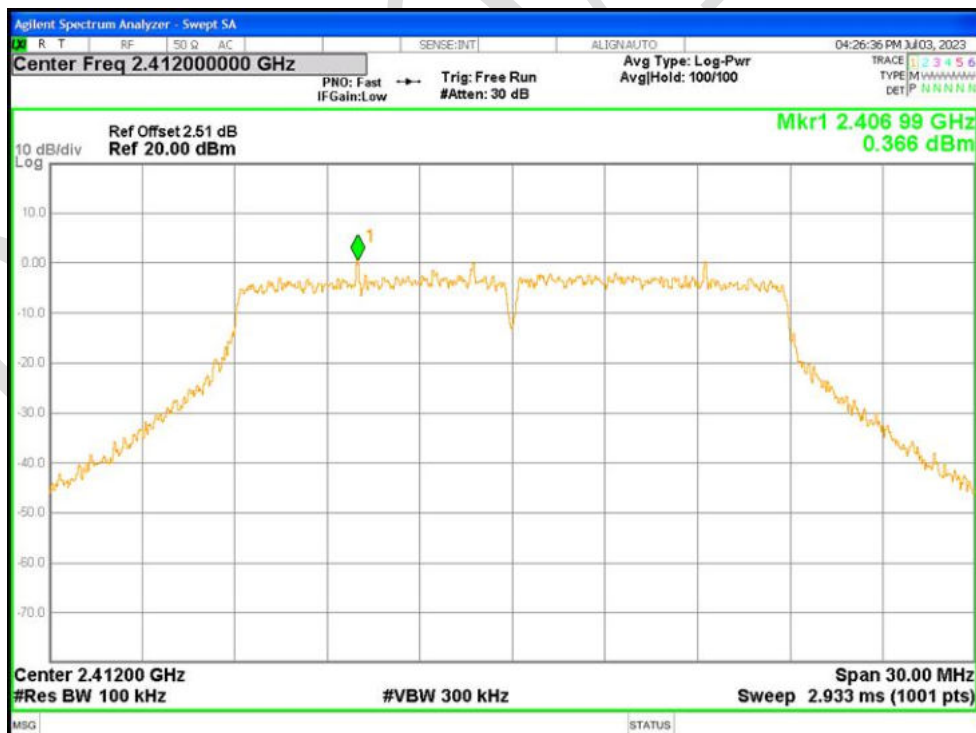
Band Edge NVNT g 2462MHz Ant1 Ref



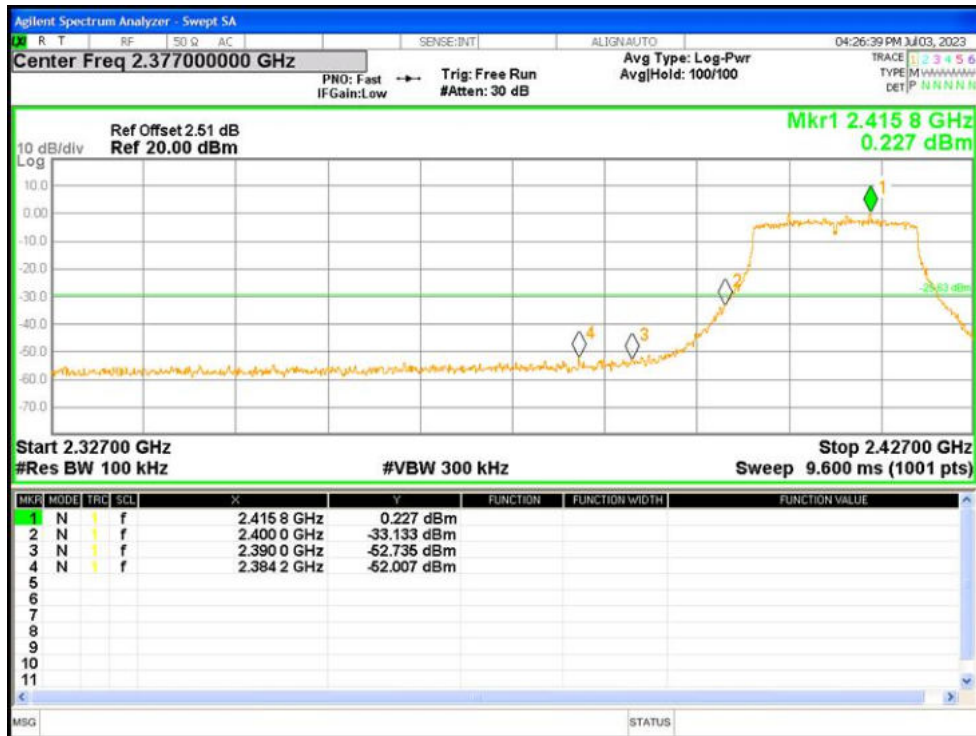
Band Edge NVNT g 2462MHz Ant1 Emission



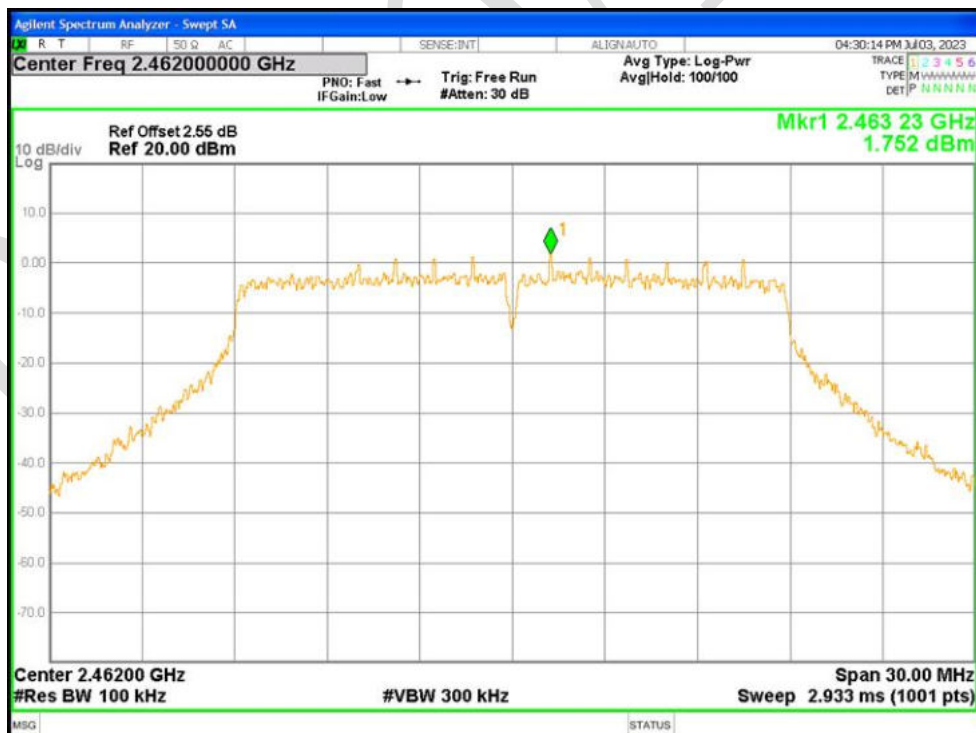
Band Edge NVNT n20 2412MHz Ant1 Ref



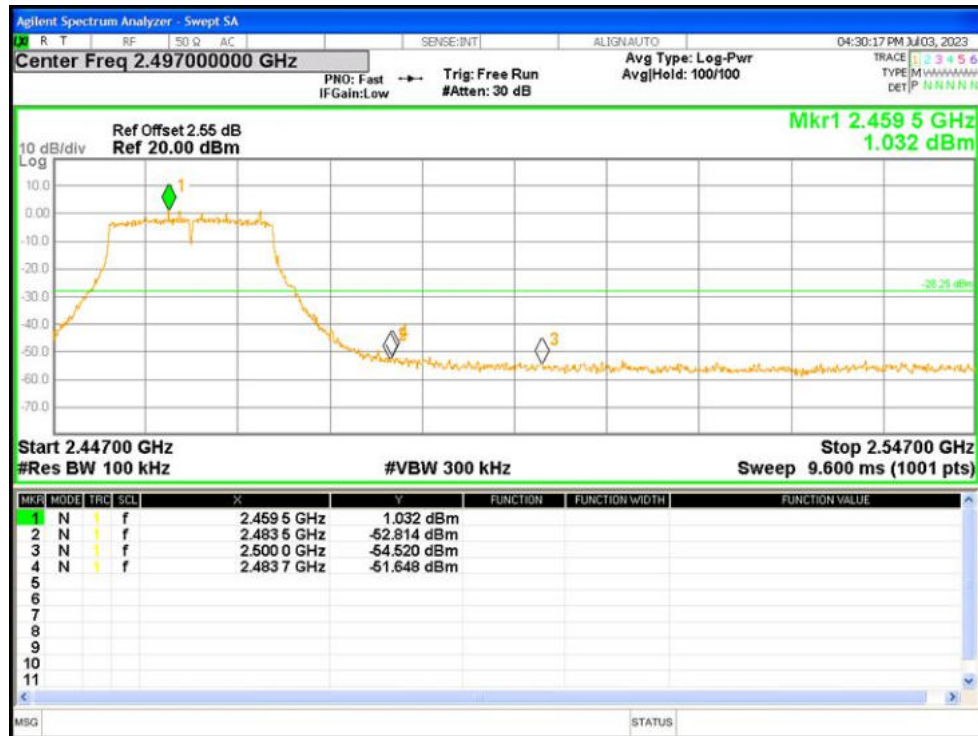
Band Edge NVNT n20 2412MHz Ant1 Emission



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	-50.91	-30	Pass
NVNT	b	2437	Ant1	-51.54	-30	Pass
NVNT	b	2462	Ant1	-51.37	-30	Pass
NVNT	g	2412	Ant1	-45.44	-30	Pass
NVNT	g	2437	Ant1	-44.88	-30	Pass
NVNT	g	2462	Ant1	-46.38	-30	Pass
NVNT	n20	2412	Ant1	-46.11	-30	Pass
NVNT	n20	2437	Ant1	-45.03	-30	Pass
NVNT	n20	2462	Ant1	-45.86	-30	Pass

Tx. Spurious NVNT b 2412MHz Ant1 Ref



Tx. Spurious NVNT b 2412MHz Ant1 Emission



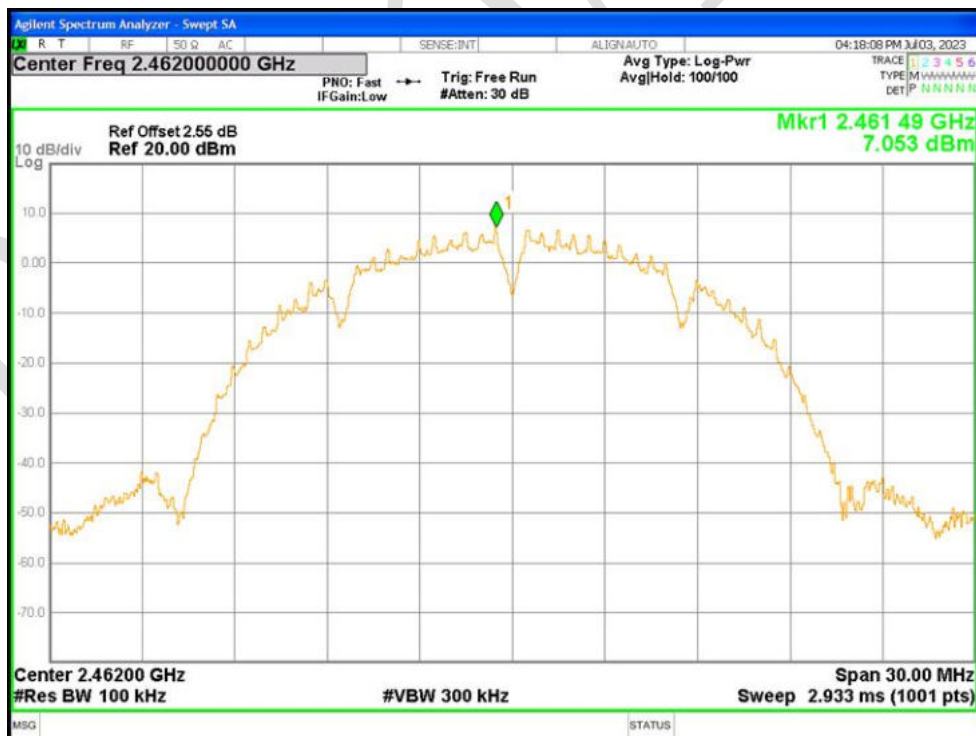
Tx. Spurious NVNT b 2437MHz Ant1 Ref



Tx. Spurious NVNT b 2437MHz Ant1 Emission



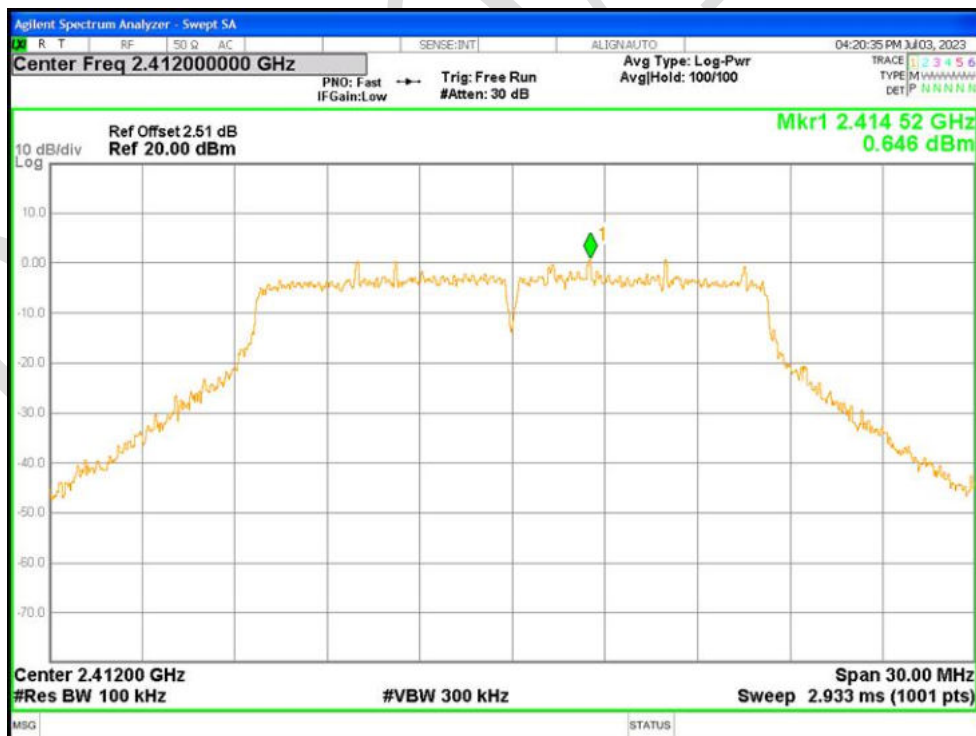
Tx. Spurious NVNT b 2462MHz Ant1 Ref



Tx. Spurious NVNT b 2462MHz Ant1 Emission



Tx. Spurious NVNT g 2412MHz Ant1 Ref



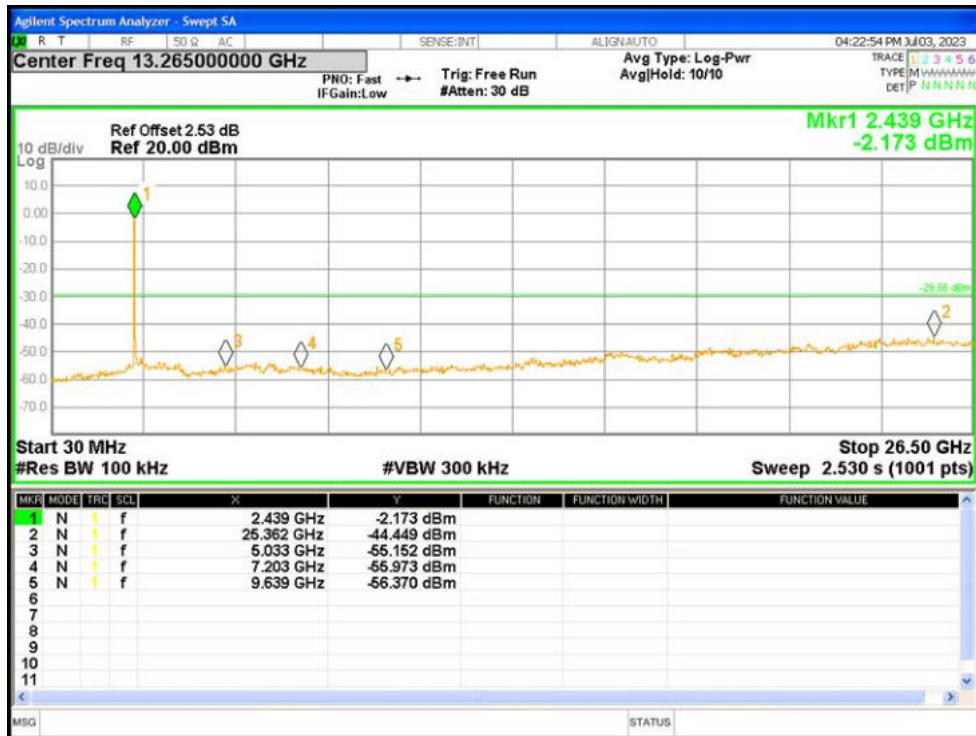
Tx. Spurious NVNT g 2412MHz Ant1 Emission



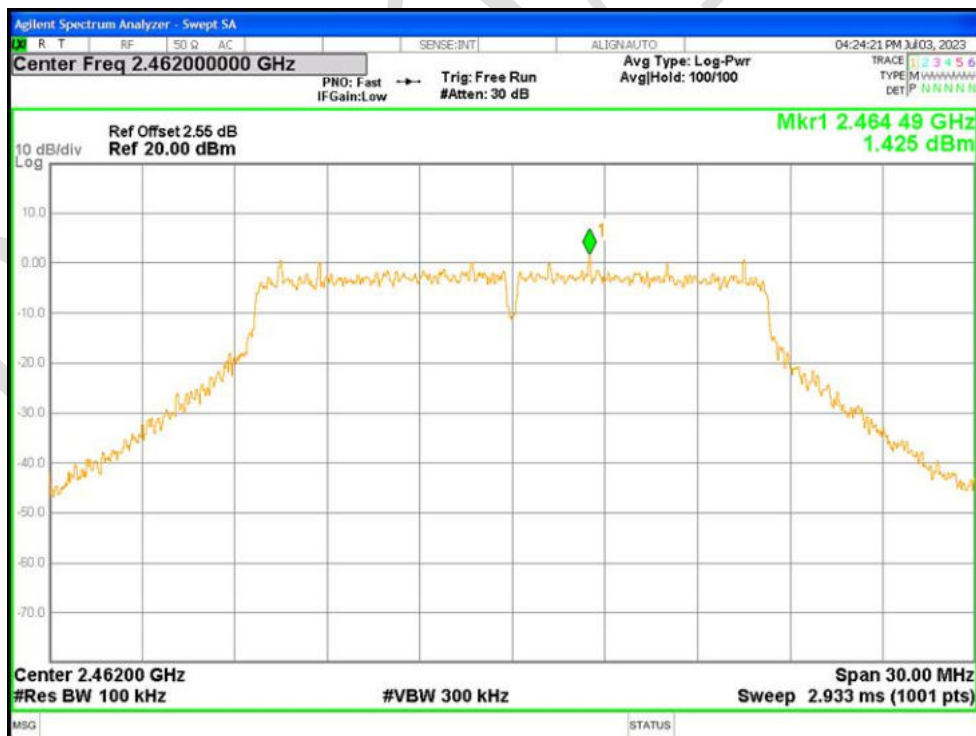
Tx. Spurious NVNT g 2437MHz Ant1 Ref



Tx. Spurious NVNT g 2437MHz Ant1 Emission



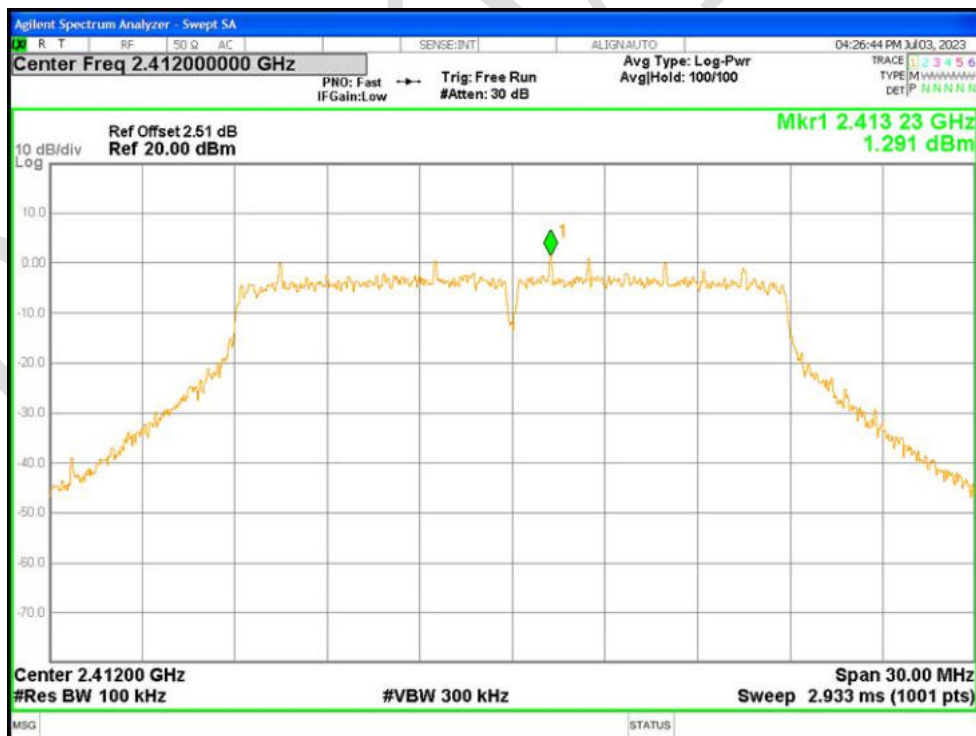
Tx. Spurious NVNT g 2462MHz Ant1 Ref



Tx. Spurious NVNT g 2462MHz Ant1 Emission



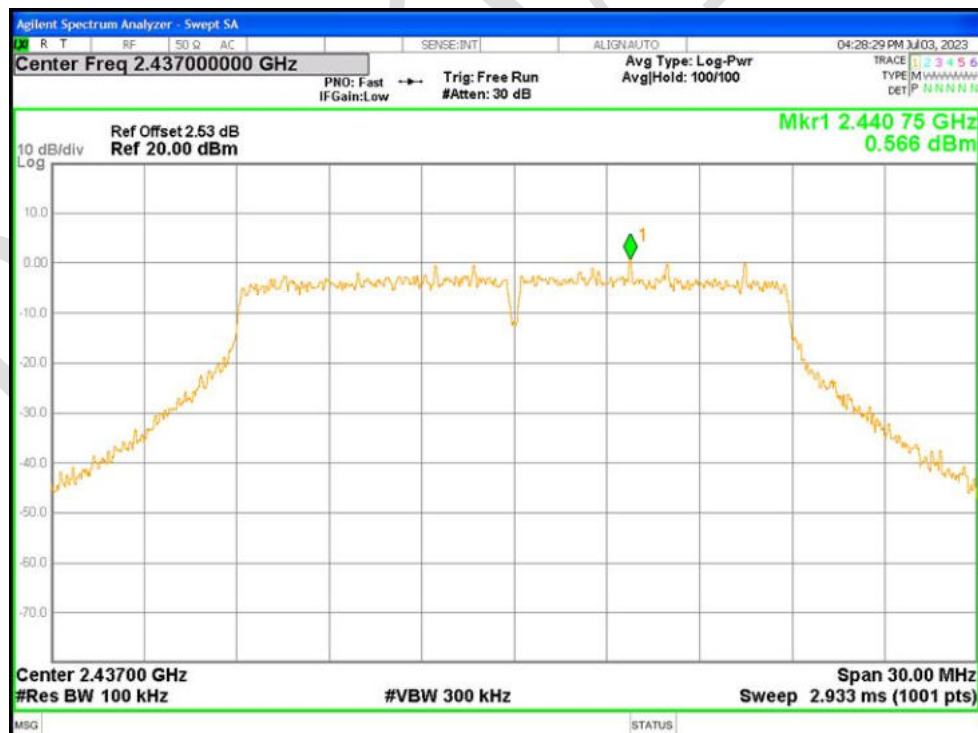
Tx. Spurious NVNT n20 2412MHz Ant1 Ref



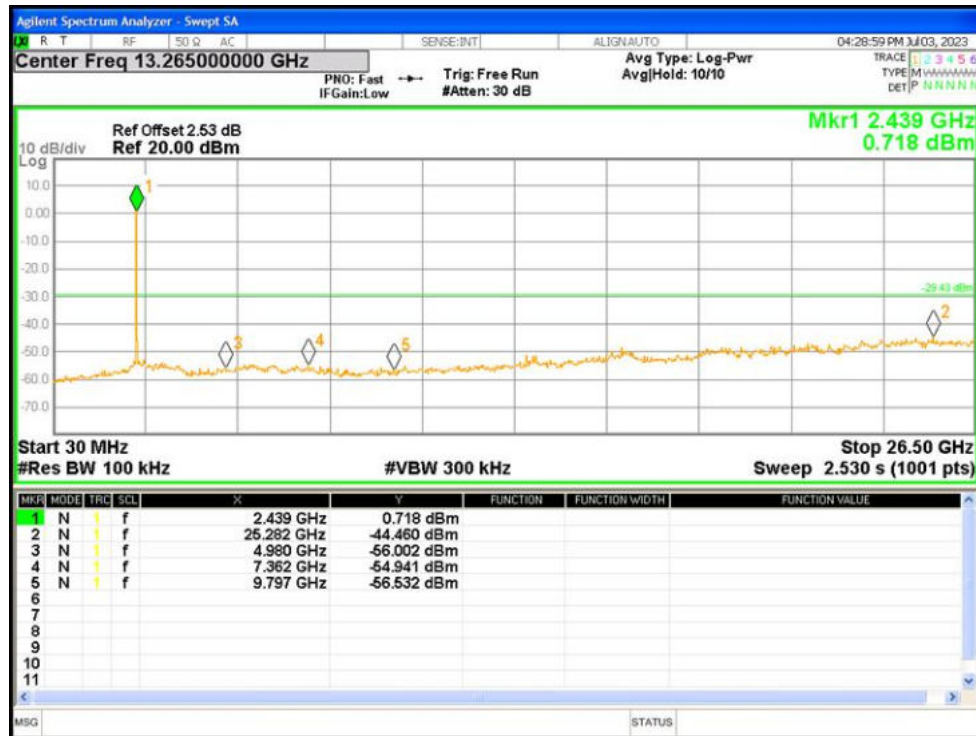
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



Tx. Spurious NVNT n20 2437MHz Ant1 Ref



Tx. Spurious NVNT n20 2437MHz Ant1 Emission



Tx. Spurious NVNT n20 2462MHz Ant1 Ref

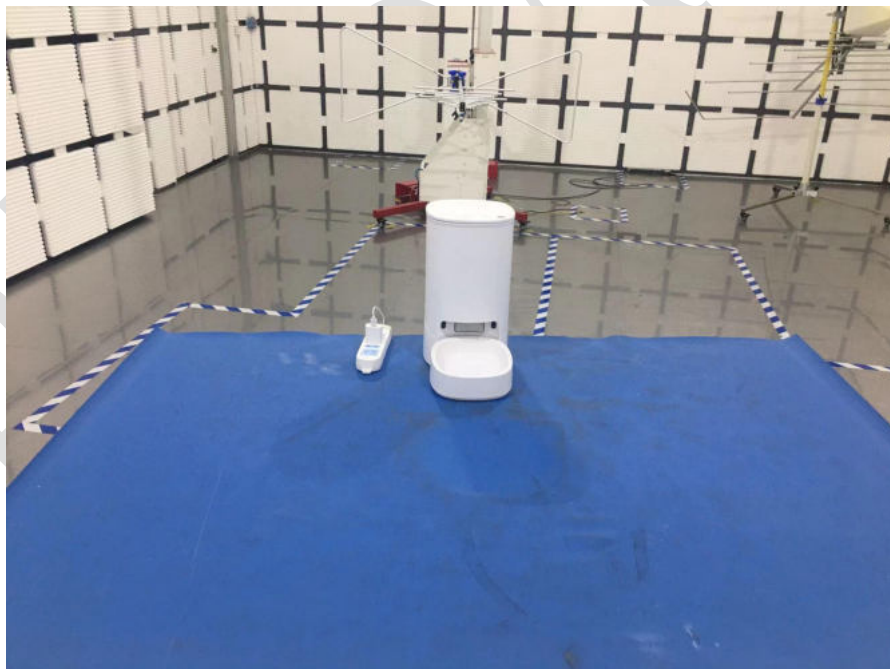


Tx. Spurious NVNT n20 2462MHz Ant1 Emission



APPENDIX A: PHOTOGRAPHS OF TEST SETUP

Radiated Spurious Emissions



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



APPENDIX B: PHOTOGRAPHS OF EUT

Reference to the test report No. BLA-EMC-202306-A11801

----END OF REPORT----

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