

8.2 MAXIMUM CONDUCTED OUTPUT POWER

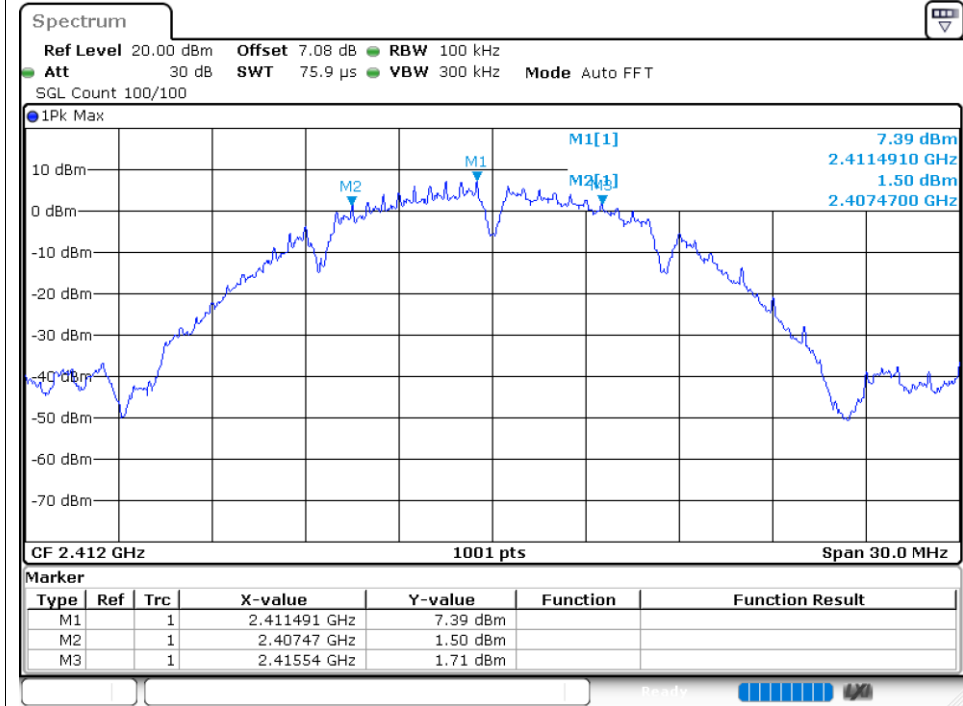
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	15.59	30	Pass
NVNT	b	2437	Ant1	14.83	30	Pass
NVNT	b	2462	Ant1	15.01	30	Pass
NVNT	g	2412	Ant1	13.59	30	Pass
NVNT	g	2437	Ant1	13.14	30	Pass
NVNT	g	2462	Ant1	13.19	30	Pass
NVNT	n20	2412	Ant1	11.59	30	Pass
NVNT	n20	2437	Ant1	11.17	30	Pass
NVNT	n20	2462	Ant1	11.25	30	Pass
NVNT	n40	2422	Ant1	11.41	30	Pass
NVNT	n40	2437	Ant1	11.01	30	Pass
NVNT	n40	2452	Ant1	11.15	30	Pass

8.3 -6dB BANDWIDTH

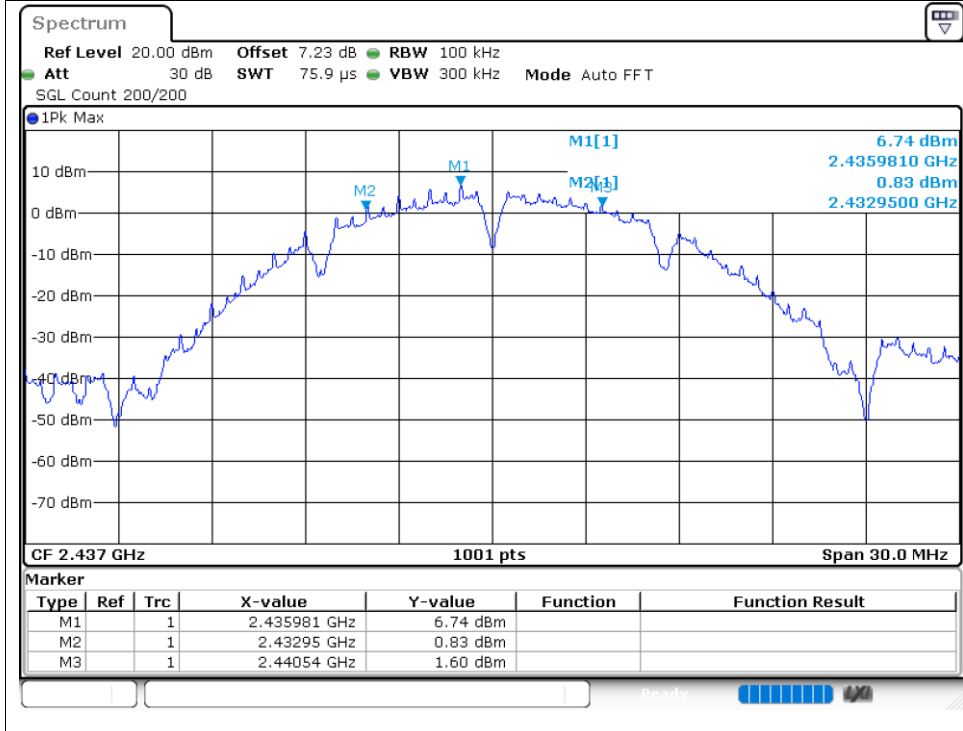
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.07	0.5	Pass
NVNT	b	2437	Ant1	7.59	0.5	Pass
NVNT	b	2462	Ant1	9.072	0.5	Pass
NVNT	g	2412	Ant1	15.018	0.5	Pass
NVNT	g	2437	Ant1	15.66	0.5	Pass
NVNT	g	2462	Ant1	16.335	0.5	Pass
NVNT	n20	2412	Ant1	13.173	0.5	Pass
NVNT	n20	2437	Ant1	17.58	0.5	Pass
NVNT	n20	2462	Ant1	13.83	0.5	Pass
NVNT	n40	2422	Ant1	35.718	0.5	Pass
NVNT	n40	2437	Ant1	27.582	0.5	Pass
NVNT	n40	2452	Ant1	30.048	0.5	Pass

Test Graphs

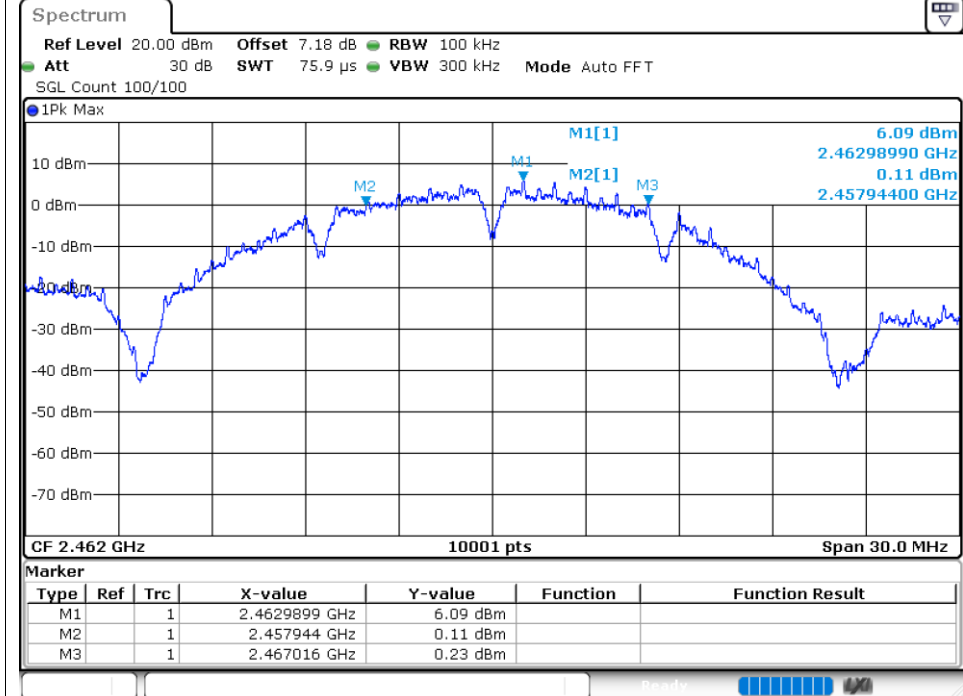
-6dB Bandwidth NVNT b 2412MHz Ant1



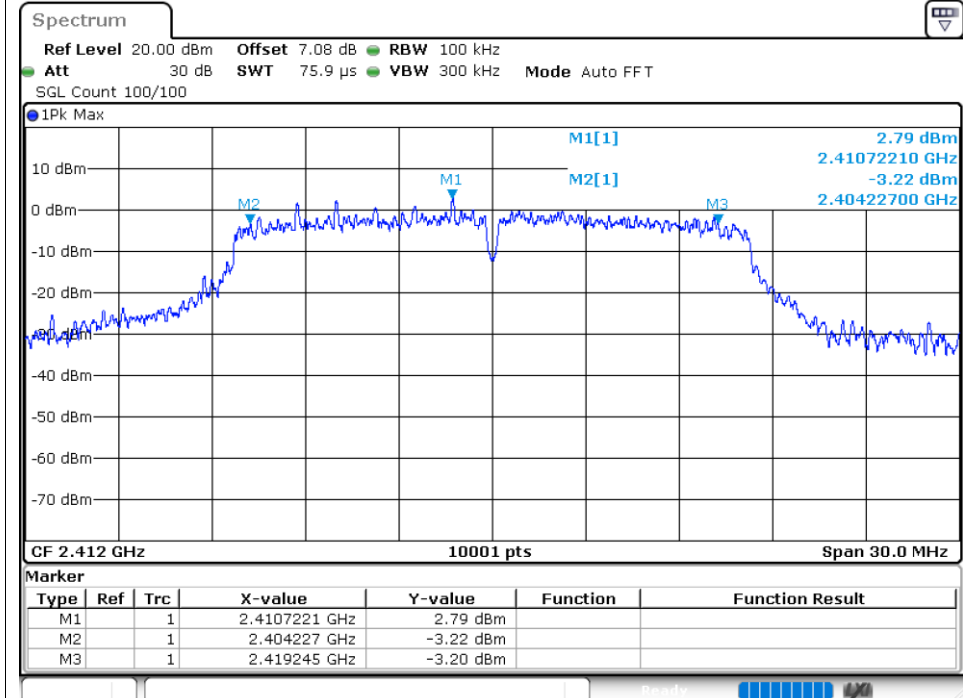
-6dB Bandwidth NVNT b 2437MHz Ant1

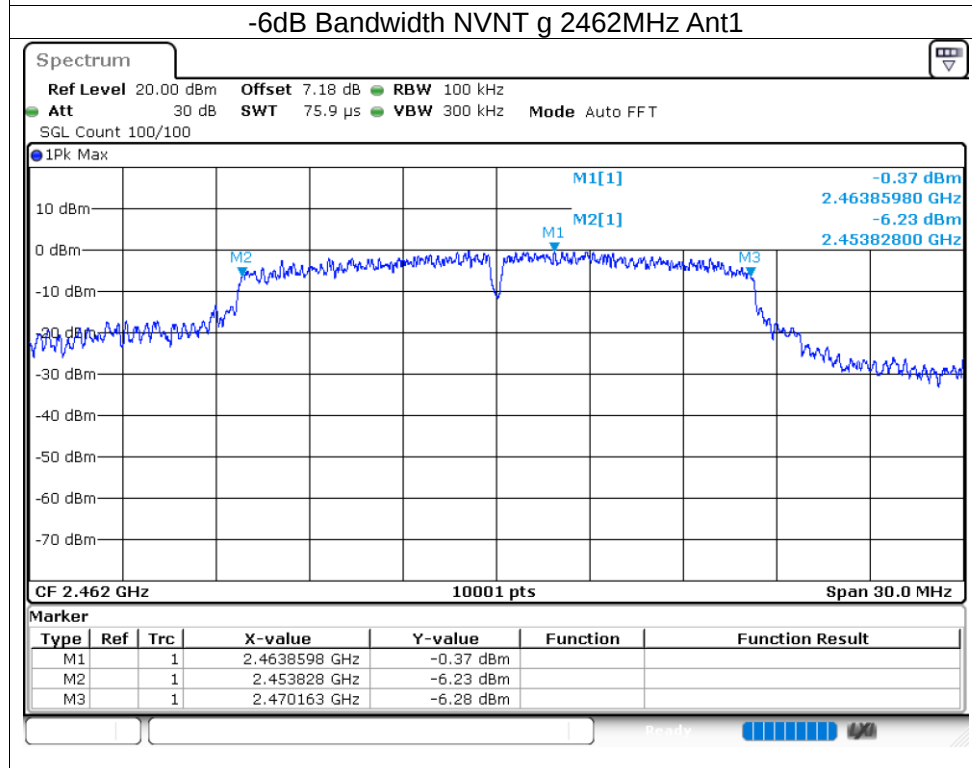
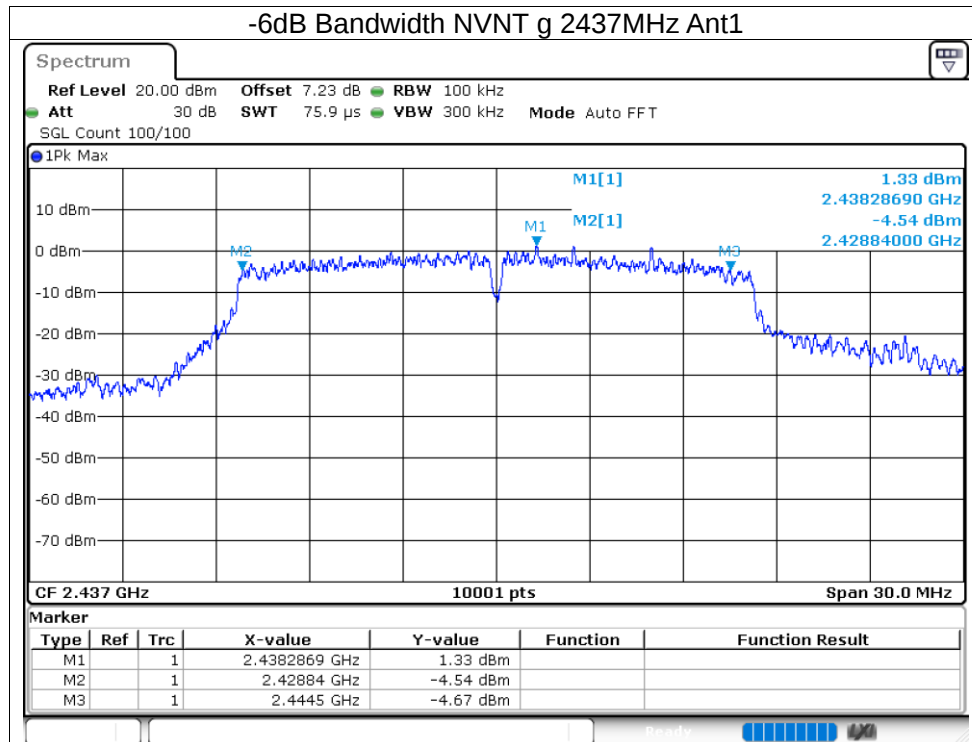


-6dB Bandwidth NVNT b 2462MHz Ant1

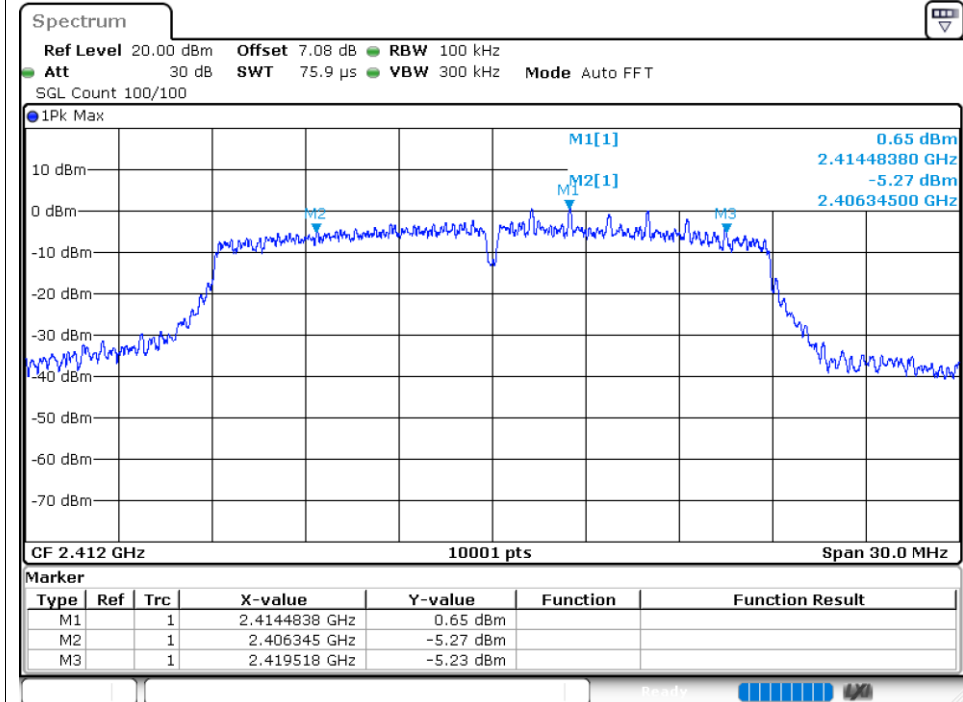


-6dB Bandwidth NVNT g 2412MHz Ant1

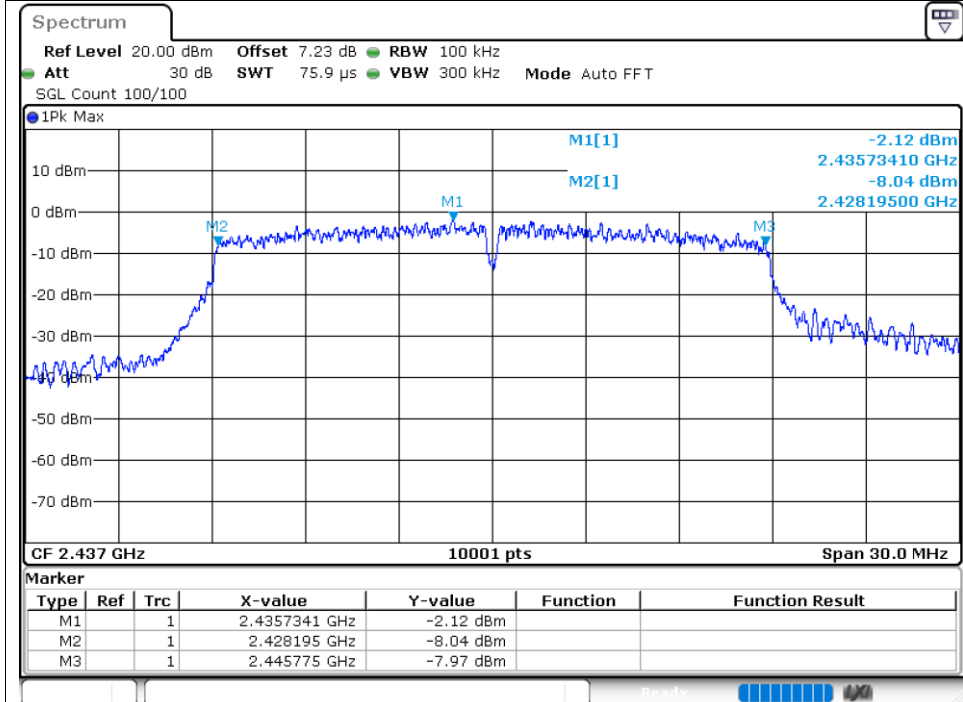




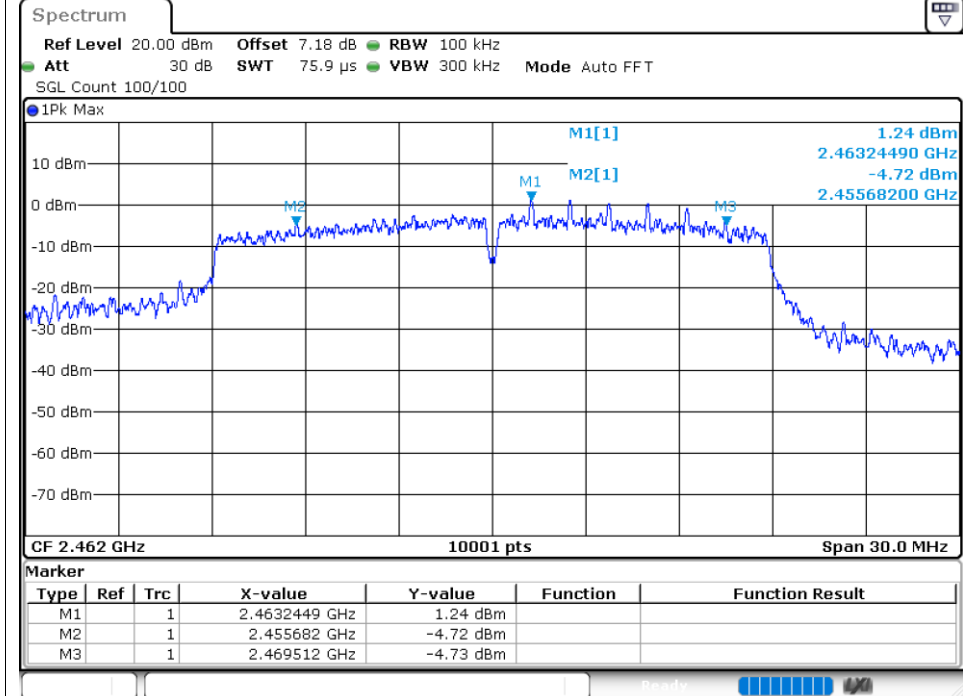
-6dB Bandwidth NVNT n20 2412MHz Ant1



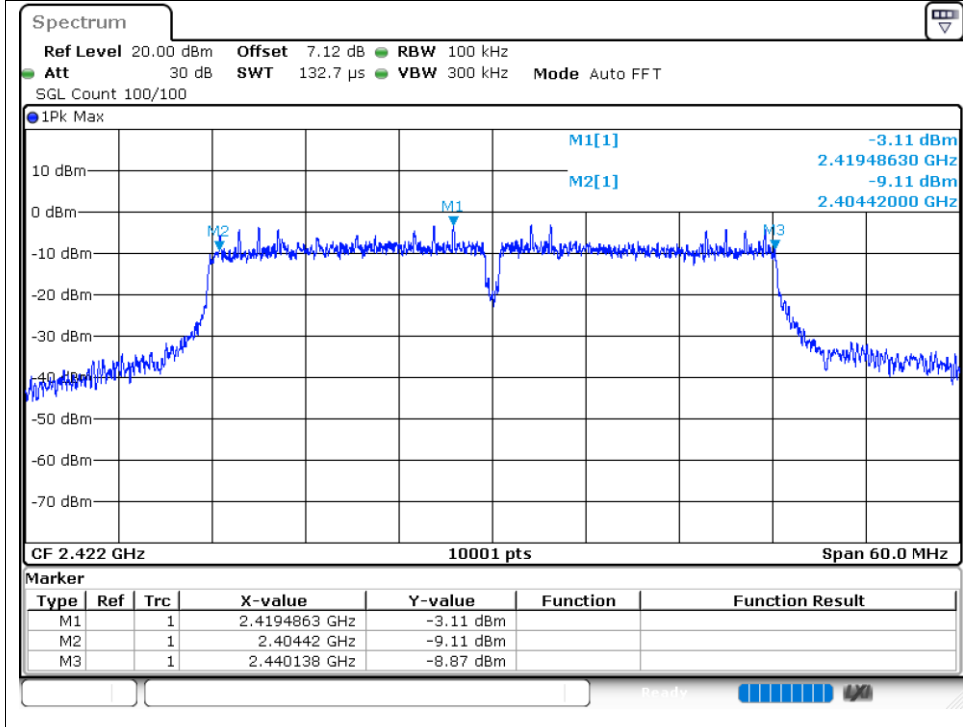
-6dB Bandwidth NVNT n20 2437MHz Ant1



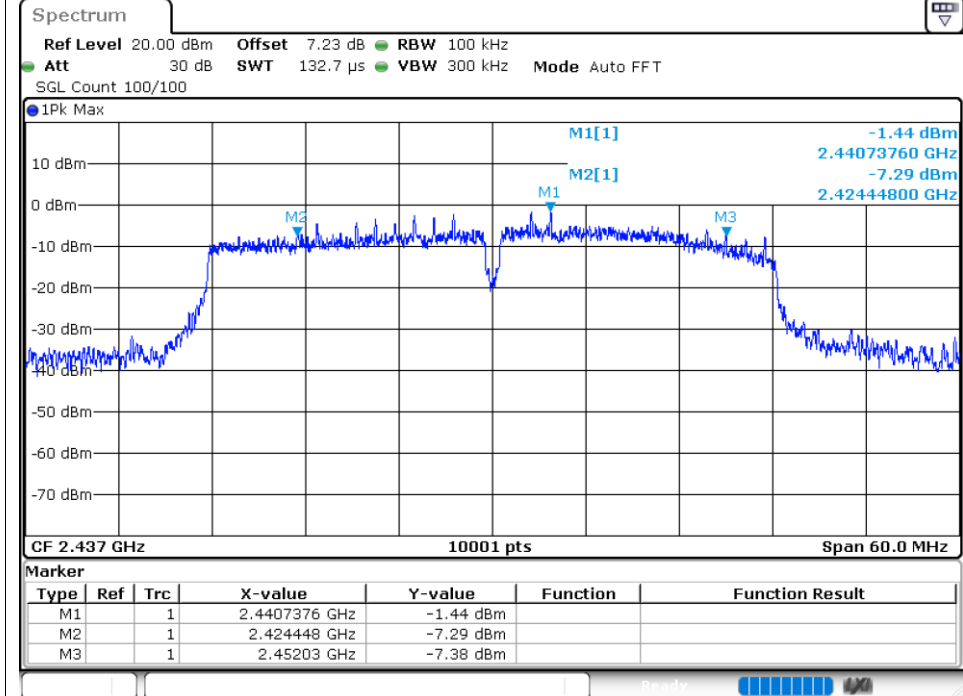
-6dB Bandwidth NVNT n20 2462MHz Ant1



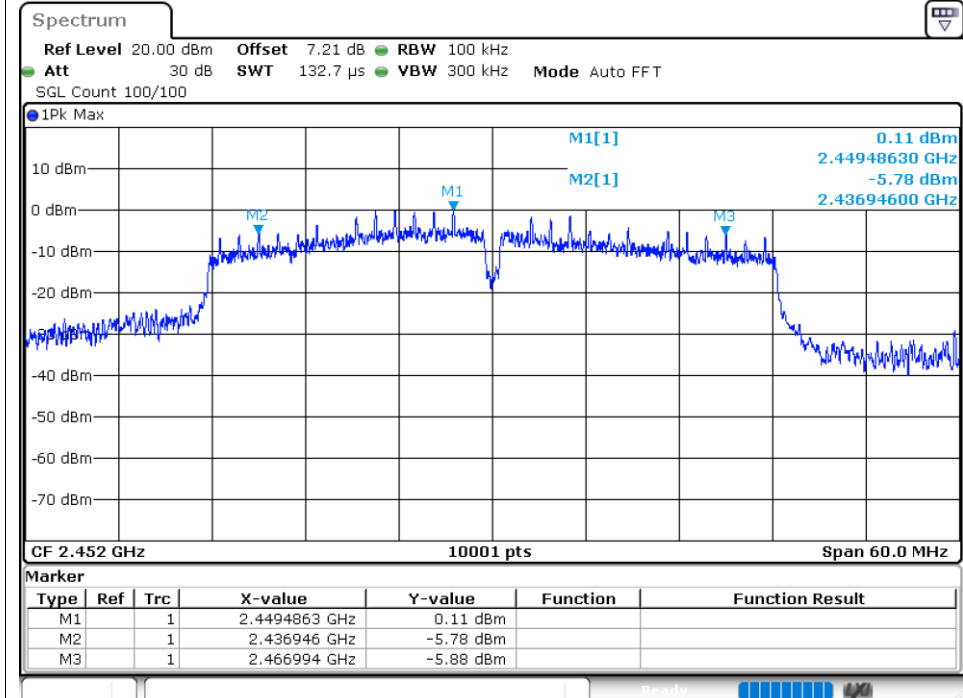
-6dB Bandwidth NVNT n40 2422MHz Ant1



-6dB Bandwidth NVNT n40 2437MHz Ant1



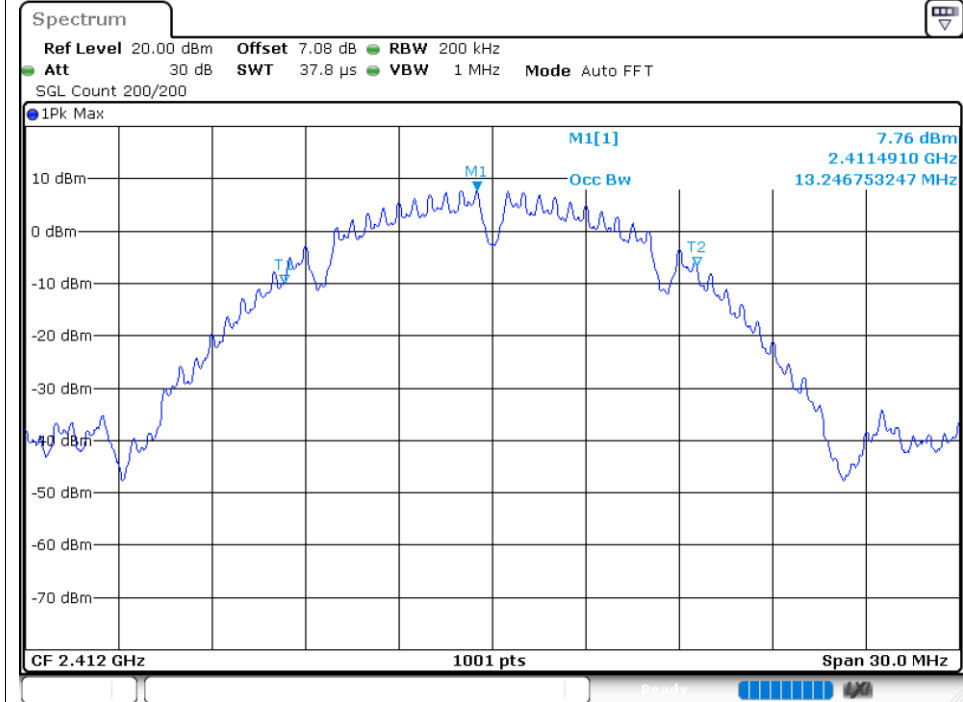
-6dB Bandwidth NVNT n40 2452MHz Ant1



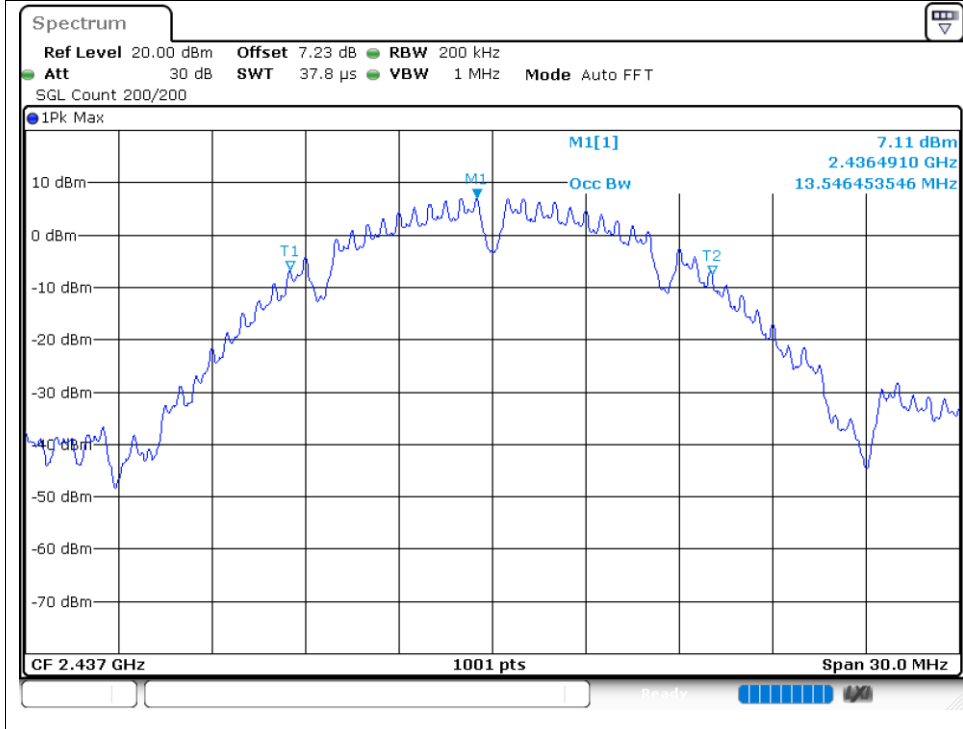
8.4 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	13.247
NVNT	b	2437	Ant1	13.546
NVNT	b	2462	Ant1	15.824
NVNT	g	2412	Ant1	16.651
NVNT	g	2437	Ant1	16.867
NVNT	g	2462	Ant1	18.352
NVNT	n20	2412	Ant1	17.632
NVNT	n20	2437	Ant1	17.599
NVNT	n20	2462	Ant1	17.794
NVNT	n40	2422	Ant1	36.458
NVNT	n40	2437	Ant1	35.93
NVNT	n40	2452	Ant1	36.236

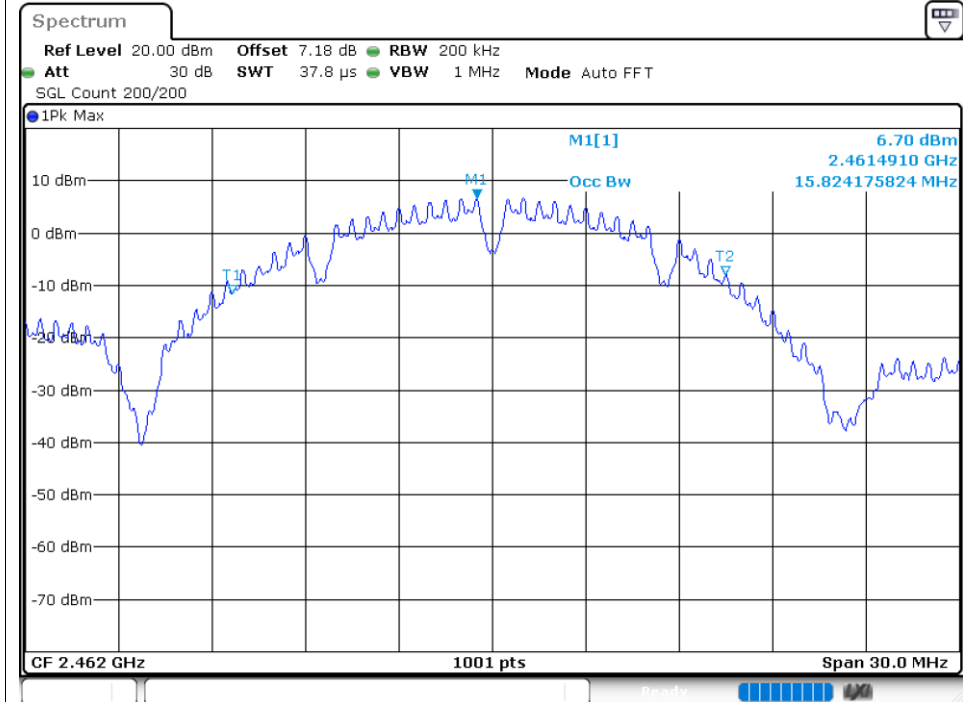
Test Graphs OBW NVNT b 2412MHz Ant1



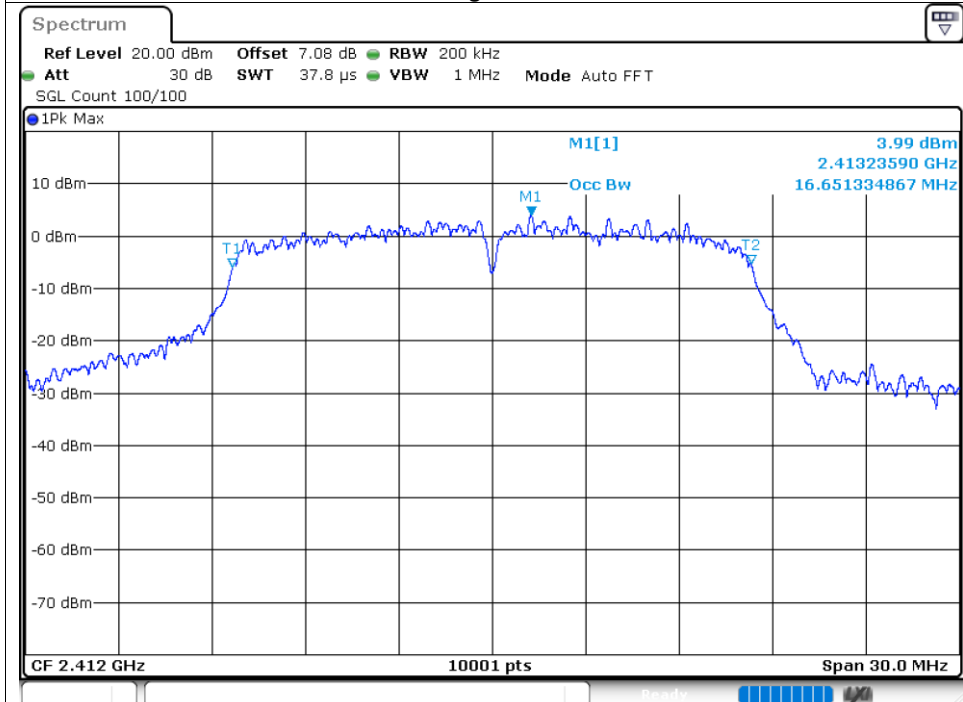
OBW NVNT b 2437MHz Ant1



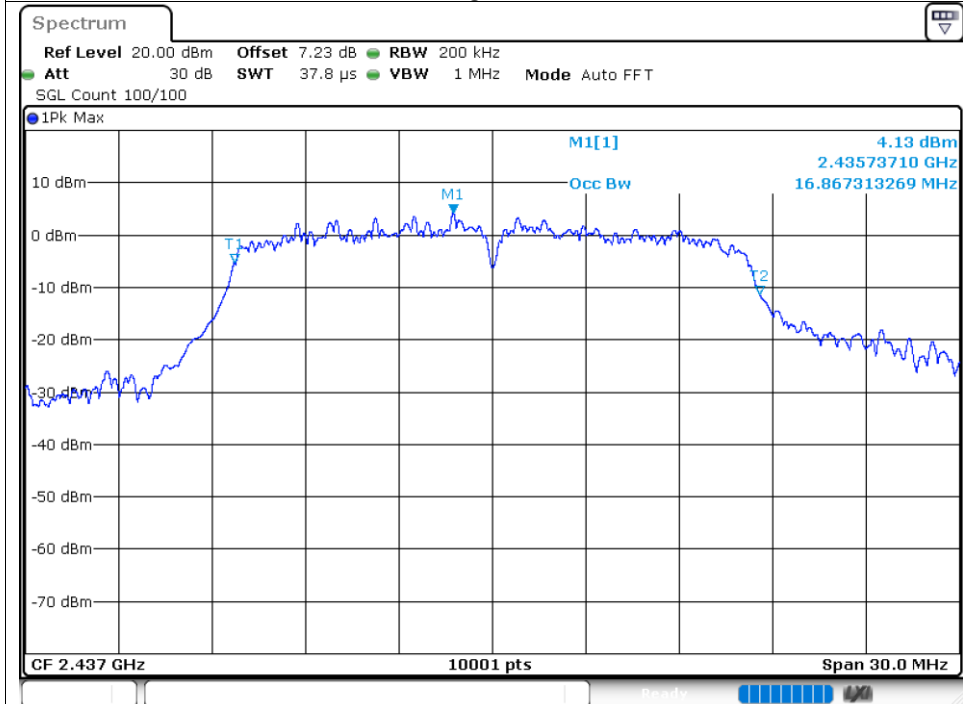
OBW NVNT b 2462MHz Ant1



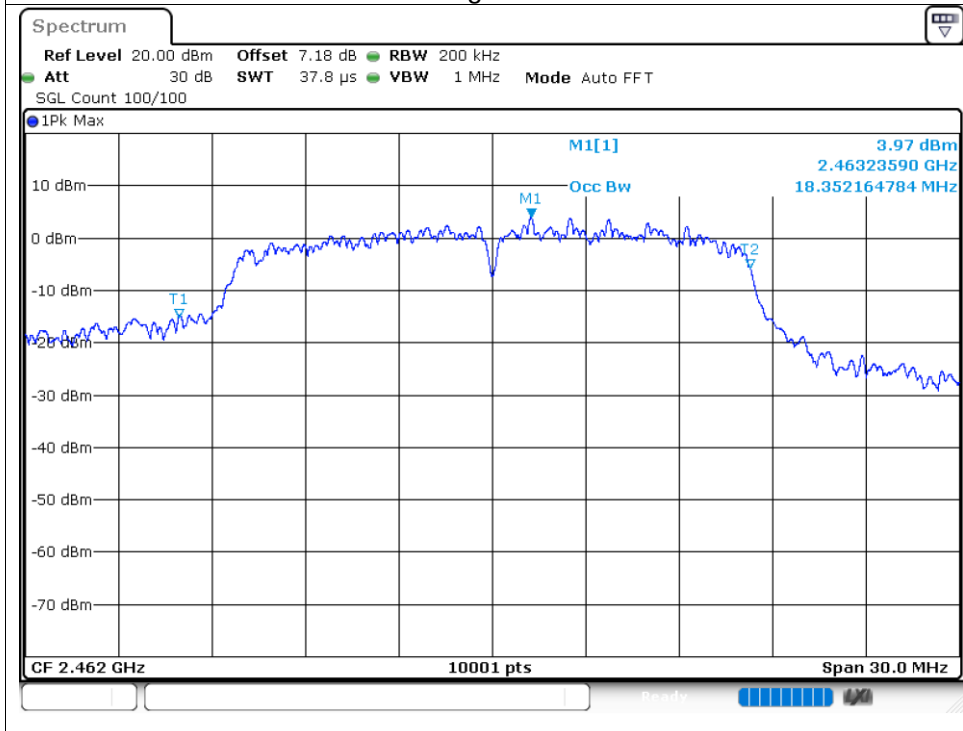
OBW NVNT g 2412MHz Ant1



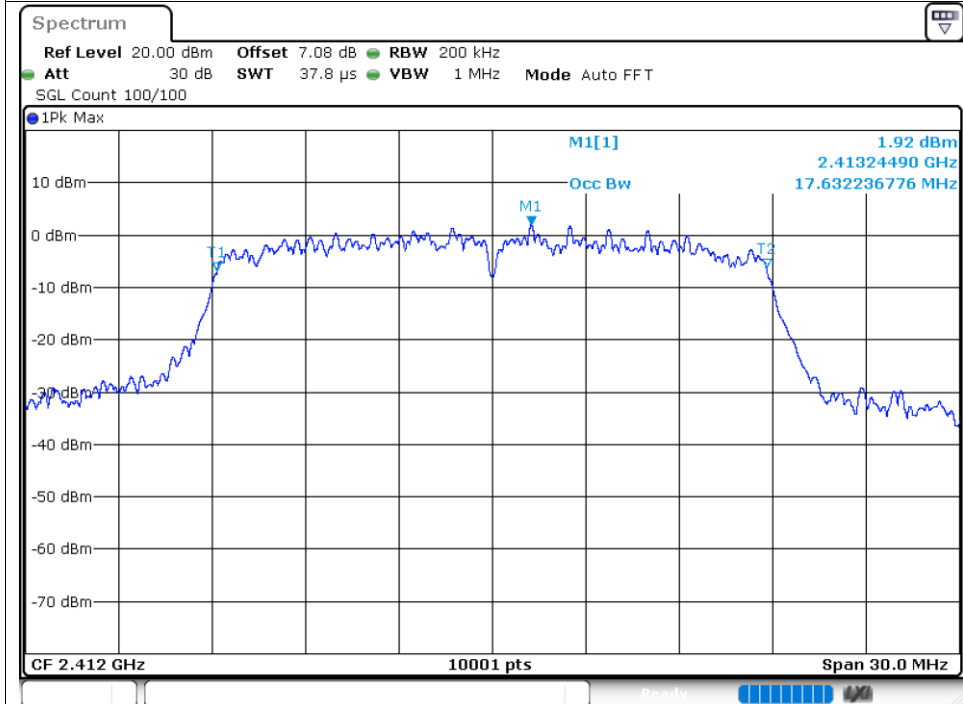
OBW NVNT g 2437MHz Ant1



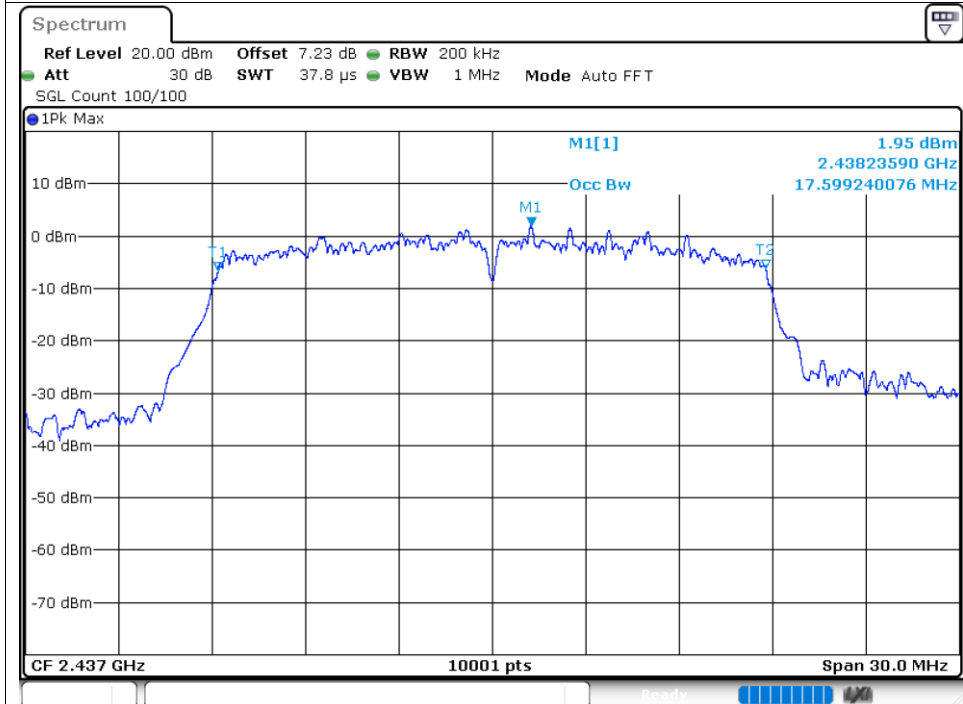
OBW NVNT g 2462MHz Ant1



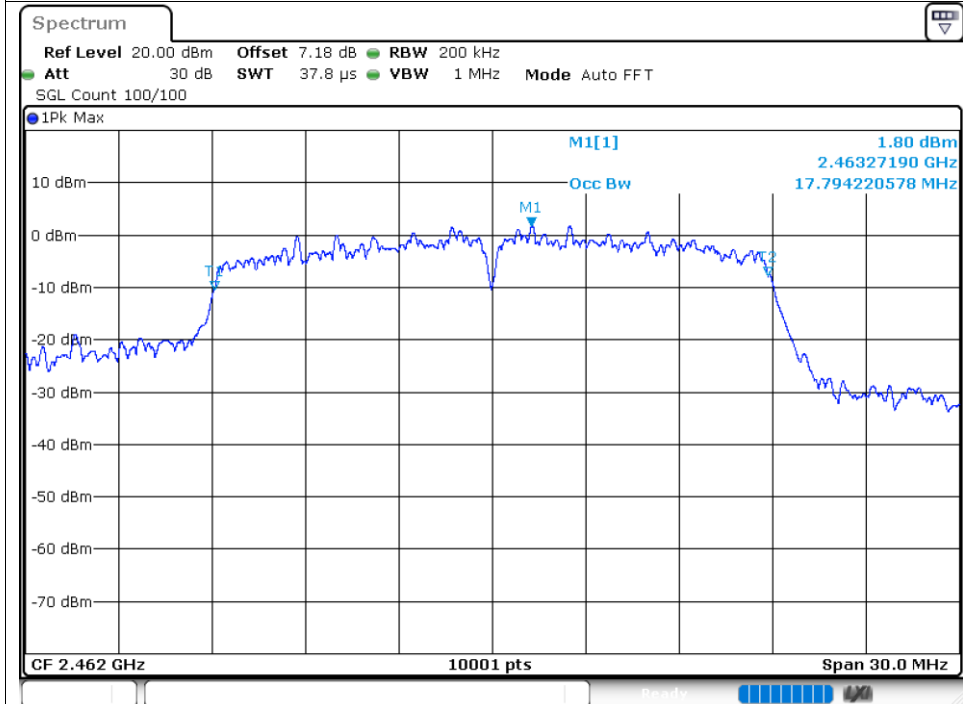
OBW NVNT n20 2412MHz Ant1



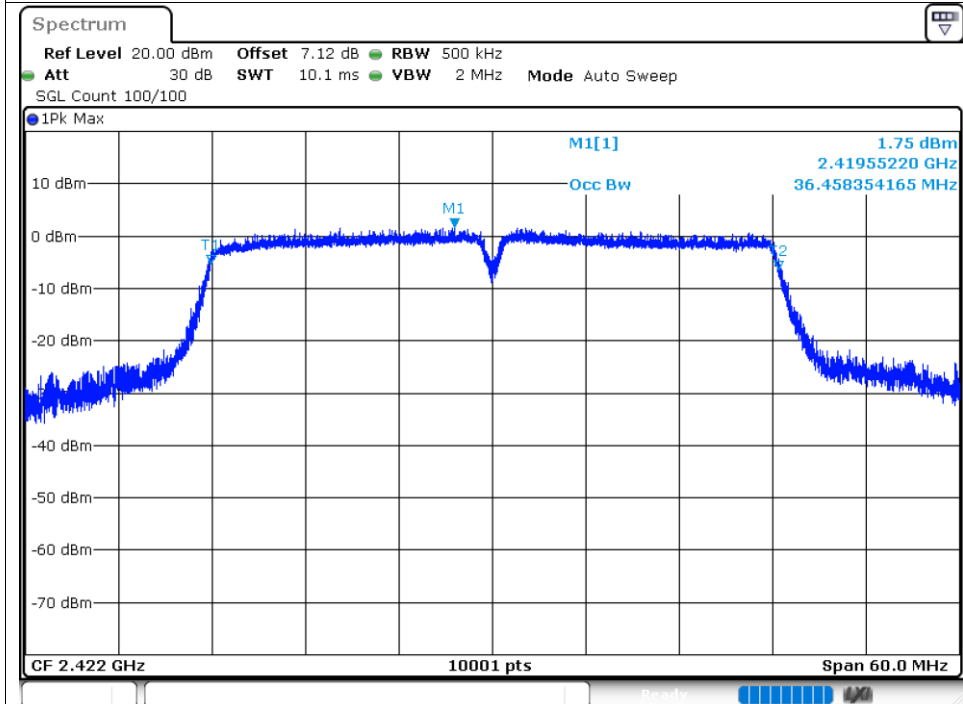
OBW NVNT n20 2437MHz Ant1



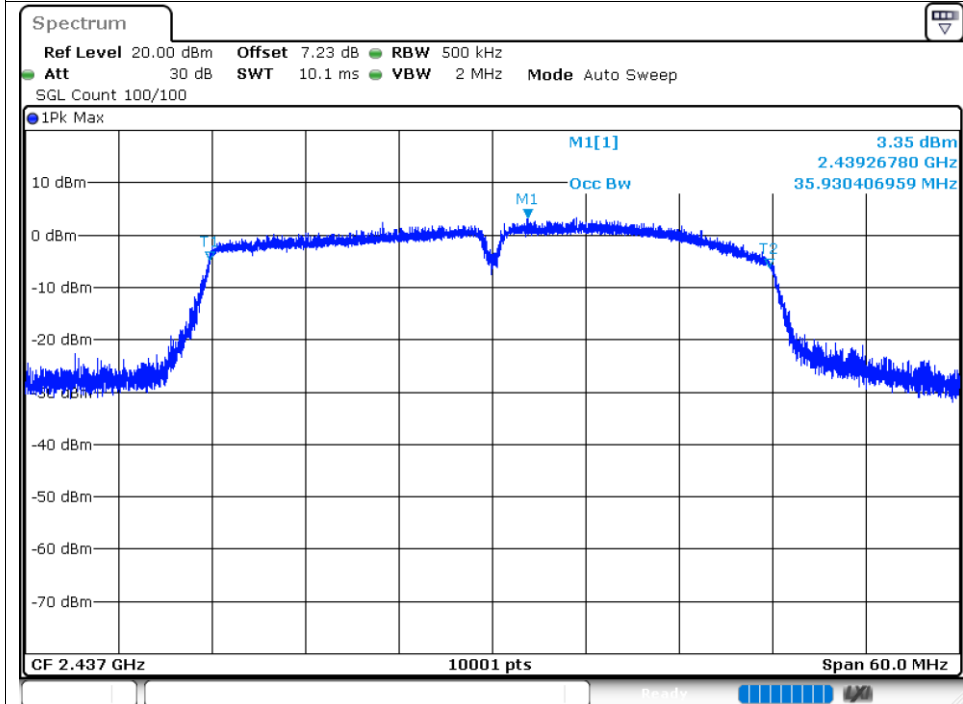
OBW NVNT n20 2462MHz Ant1



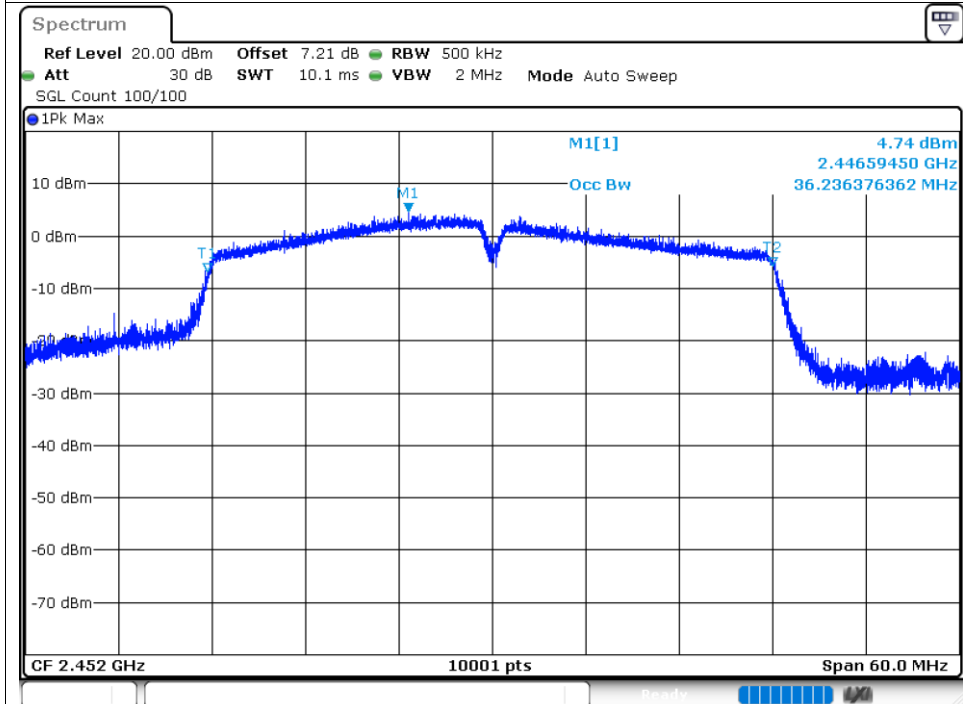
OBW NVNT n40 2422MHz Ant1



OBW NVNT n40 2437MHz Ant1

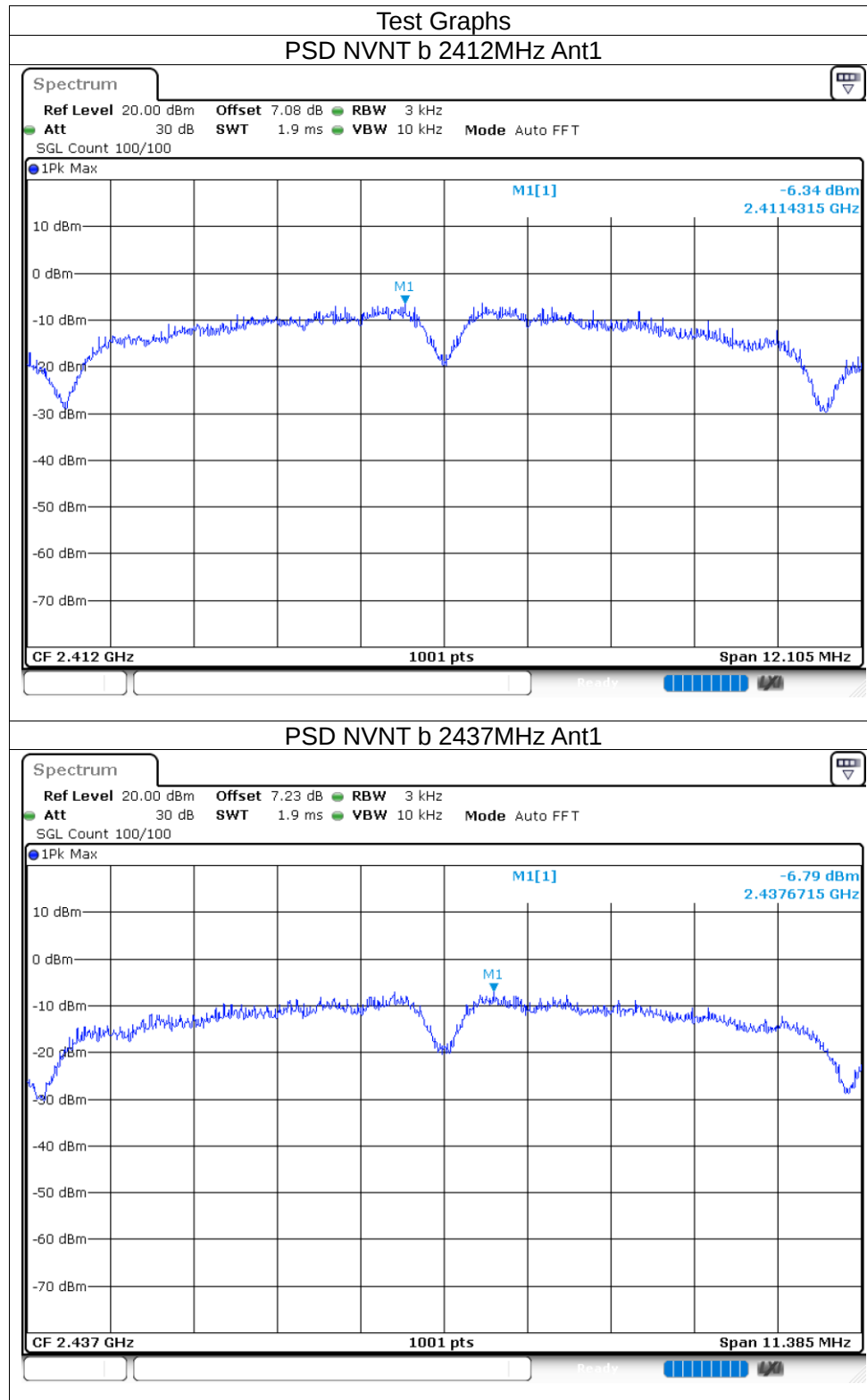


OBW NVNT n40 2452MHz Ant1

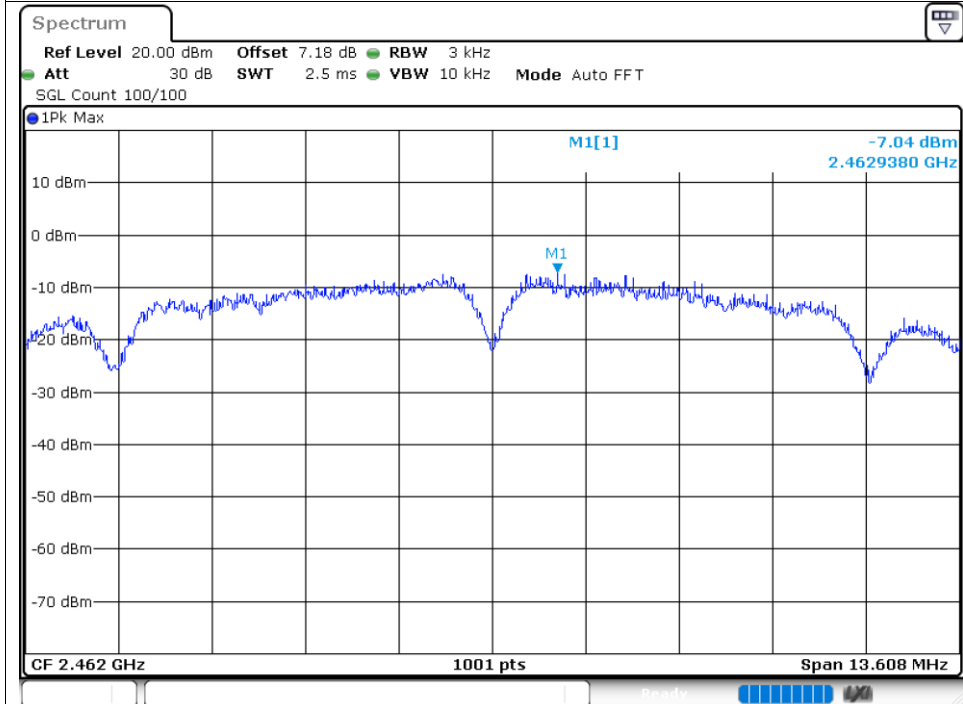


8.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL

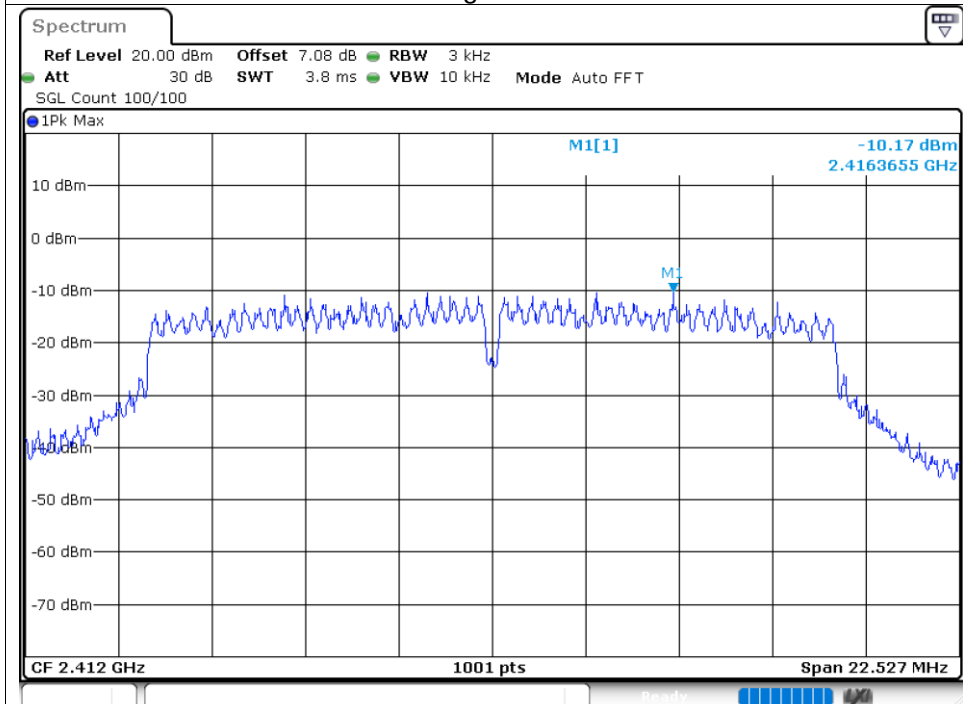
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-6.34	8	Pass
NVNT	b	2437	Ant1	-6.79	8	Pass
NVNT	b	2462	Ant1	-7.04	8	Pass
NVNT	g	2412	Ant1	-10.17	8	Pass
NVNT	g	2437	Ant1	-9.86	8	Pass
NVNT	g	2462	Ant1	-10.98	8	Pass
NVNT	n20	2412	Ant1	-12.56	8	Pass
NVNT	n20	2437	Ant1	-12.52	8	Pass
NVNT	n20	2462	Ant1	-12.73	8	Pass
NVNT	n40	2422	Ant1	-15.79	8	Pass
NVNT	n40	2437	Ant1	-15.36	8	Pass
NVNT	n40	2452	Ant1	-13.21	8	Pass

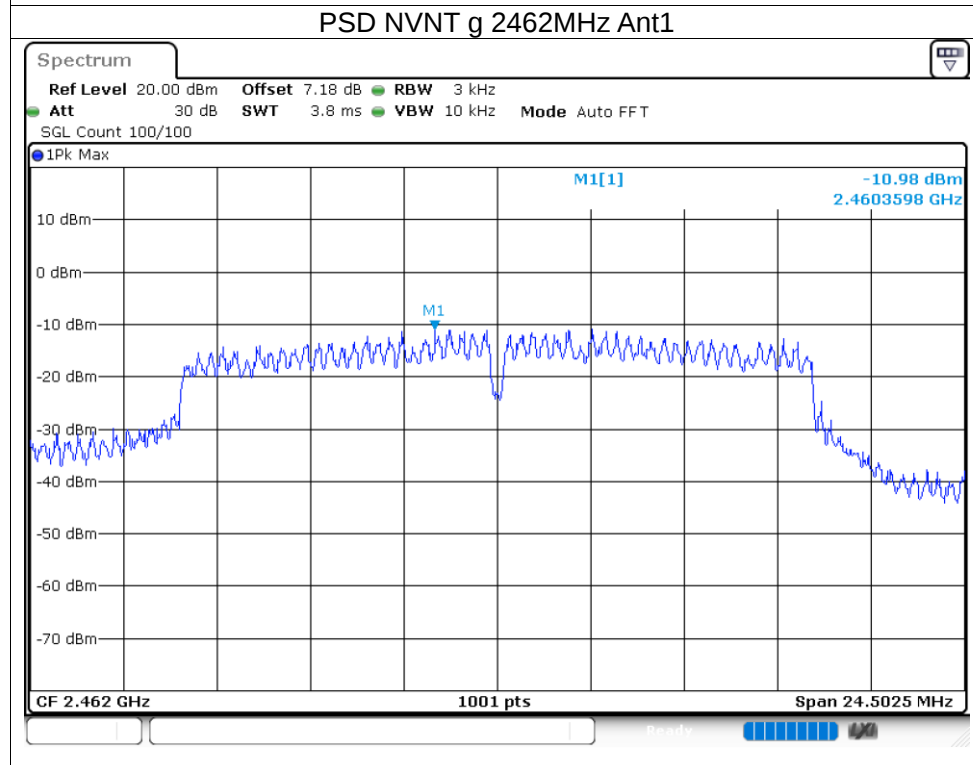
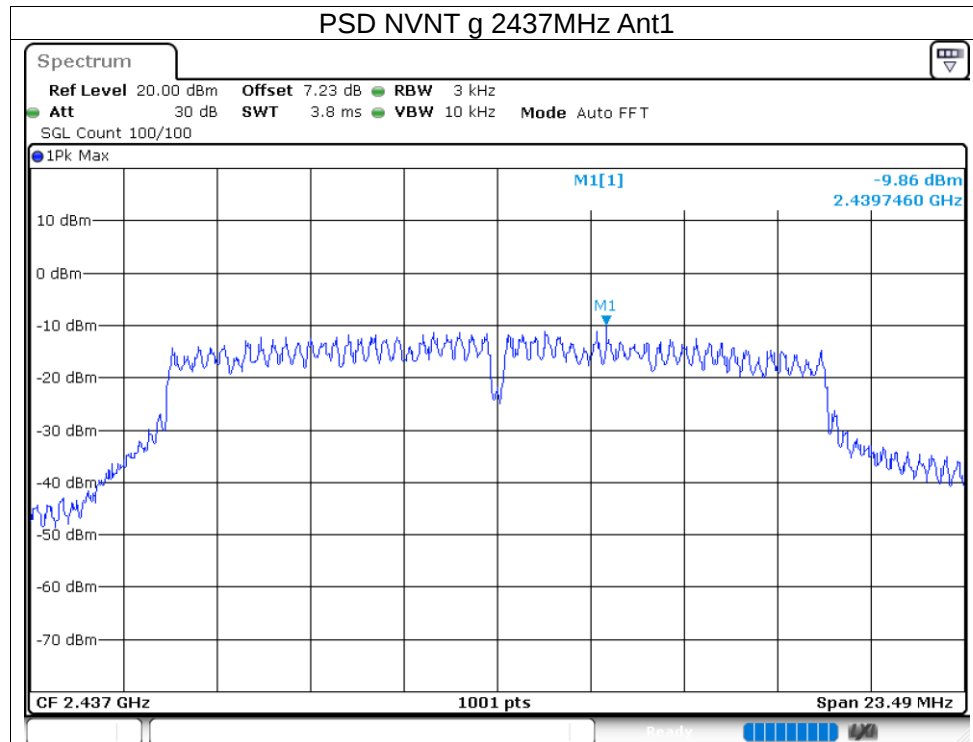


PSD NVNT b 2462MHz Ant1

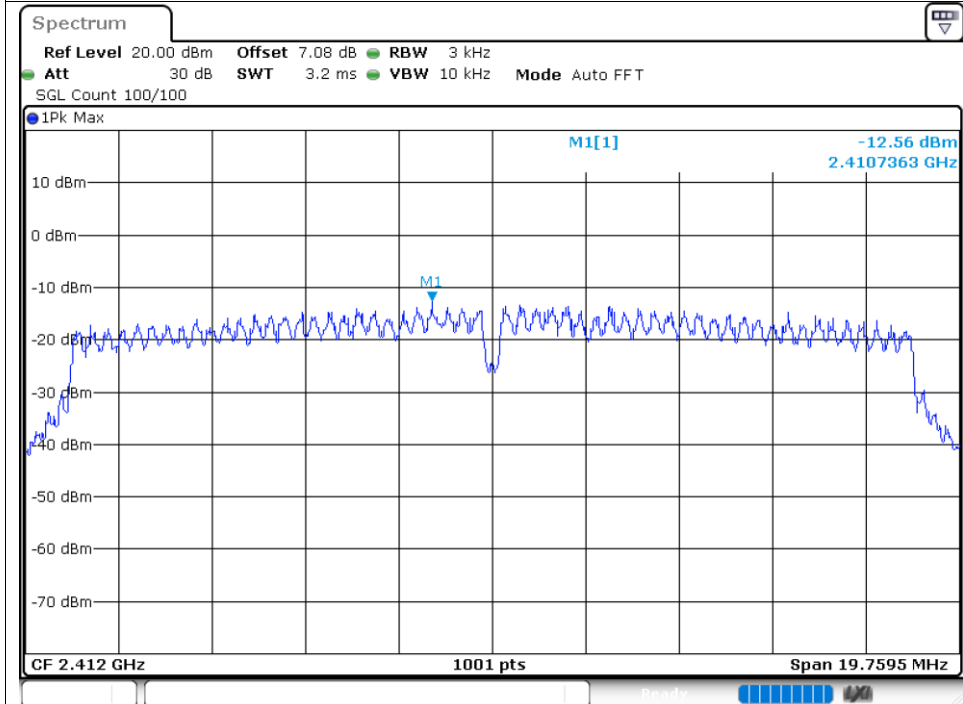


PSD NVNT g 2412MHz Ant1

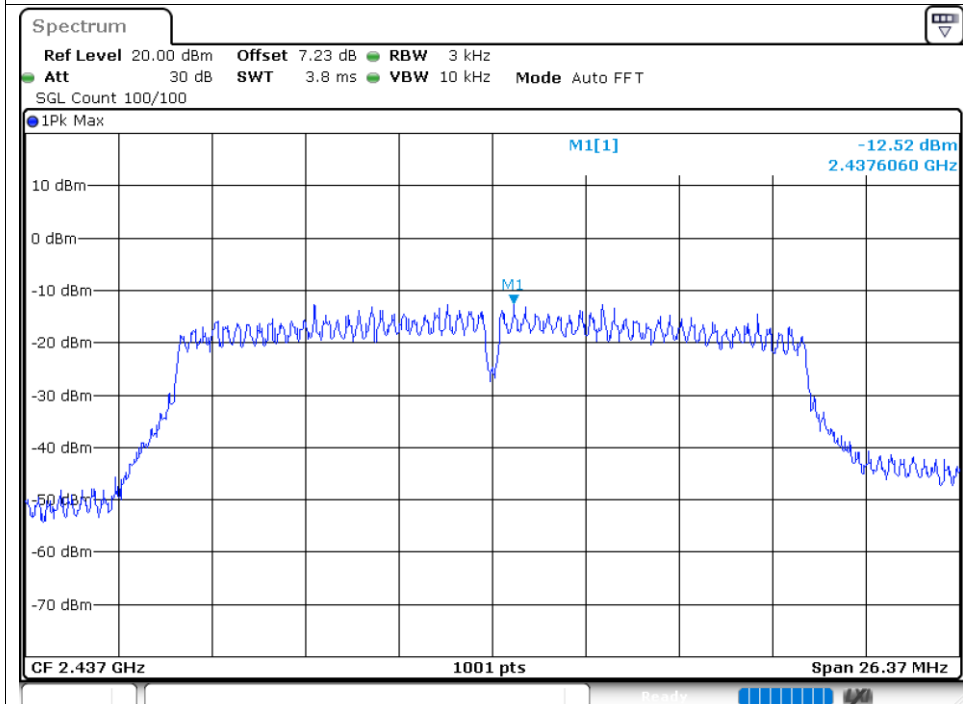




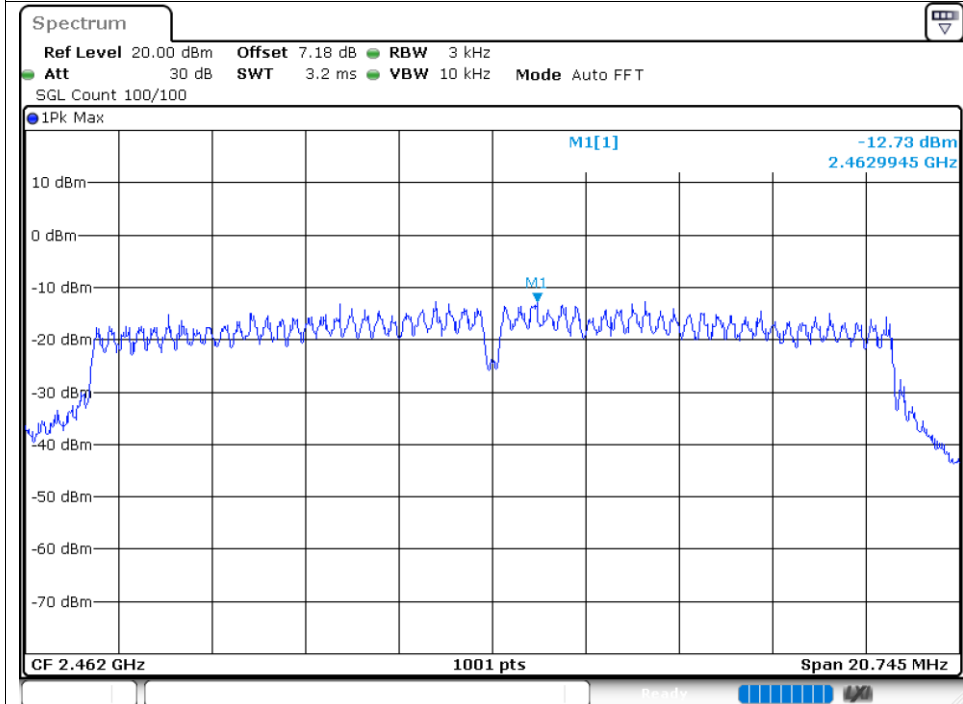
PSD NVNT n20 2412MHz Ant1



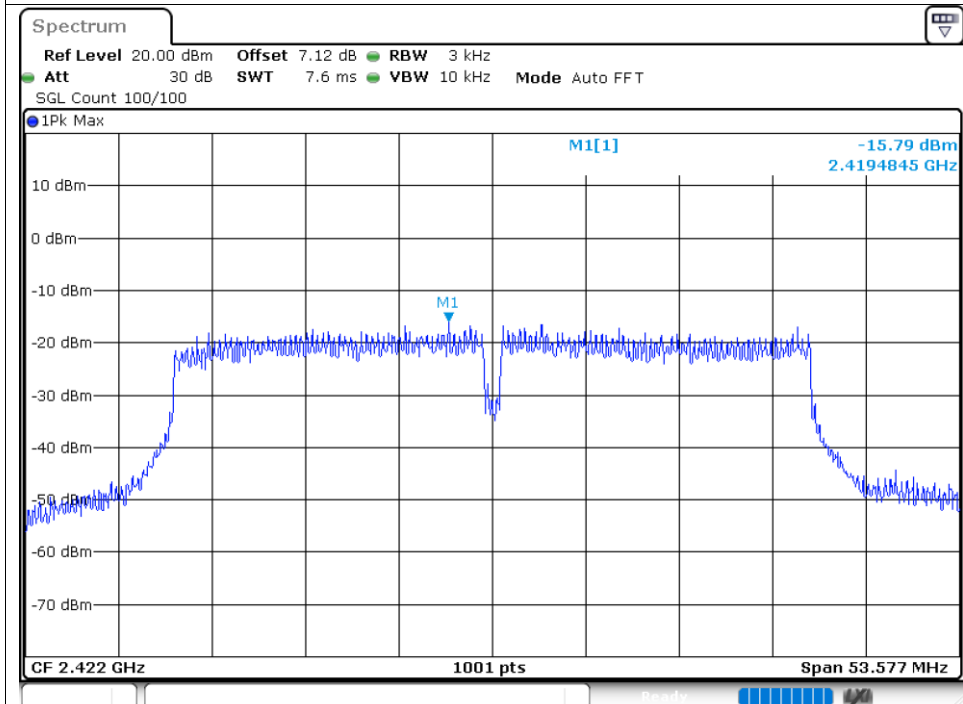
PSD NVNT n20 2437MHz Ant1



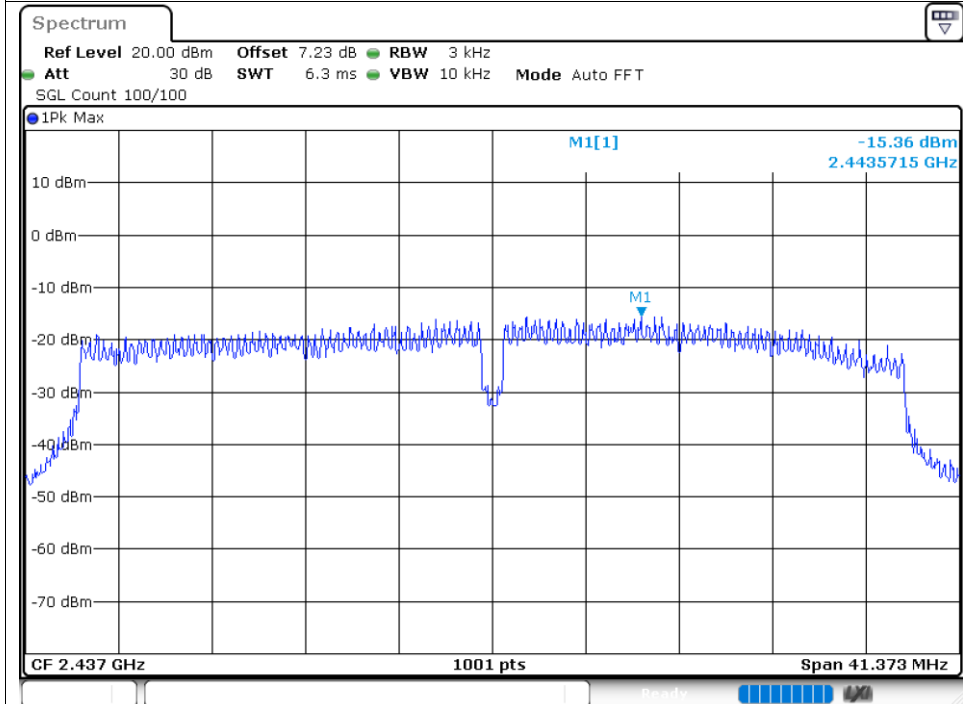
PSD NVNT n20 2462MHz Ant1



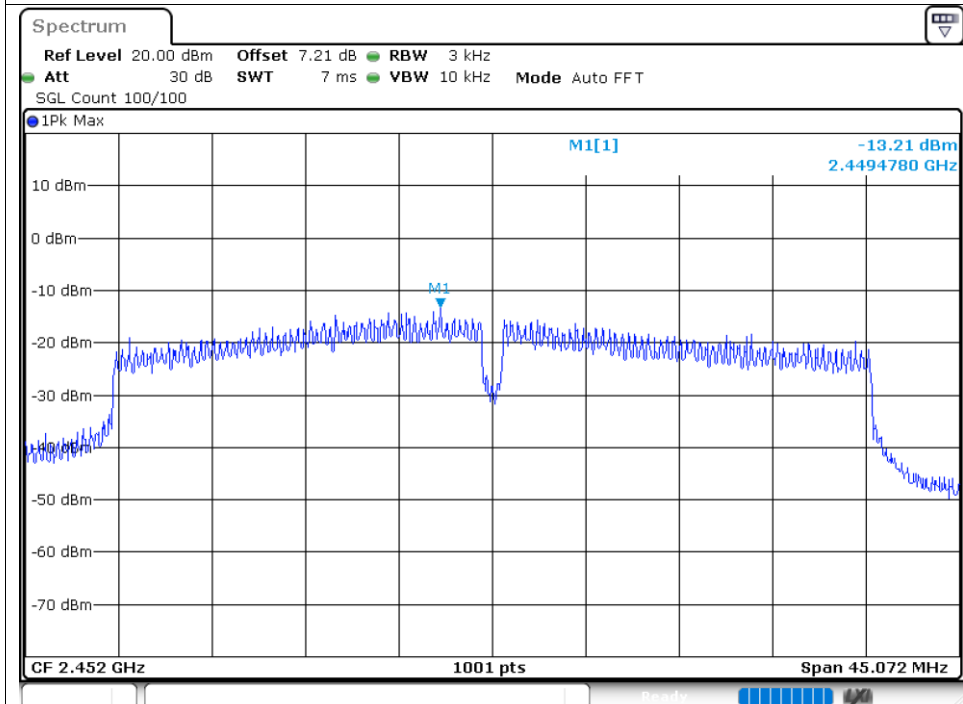
PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2437MHz Ant1

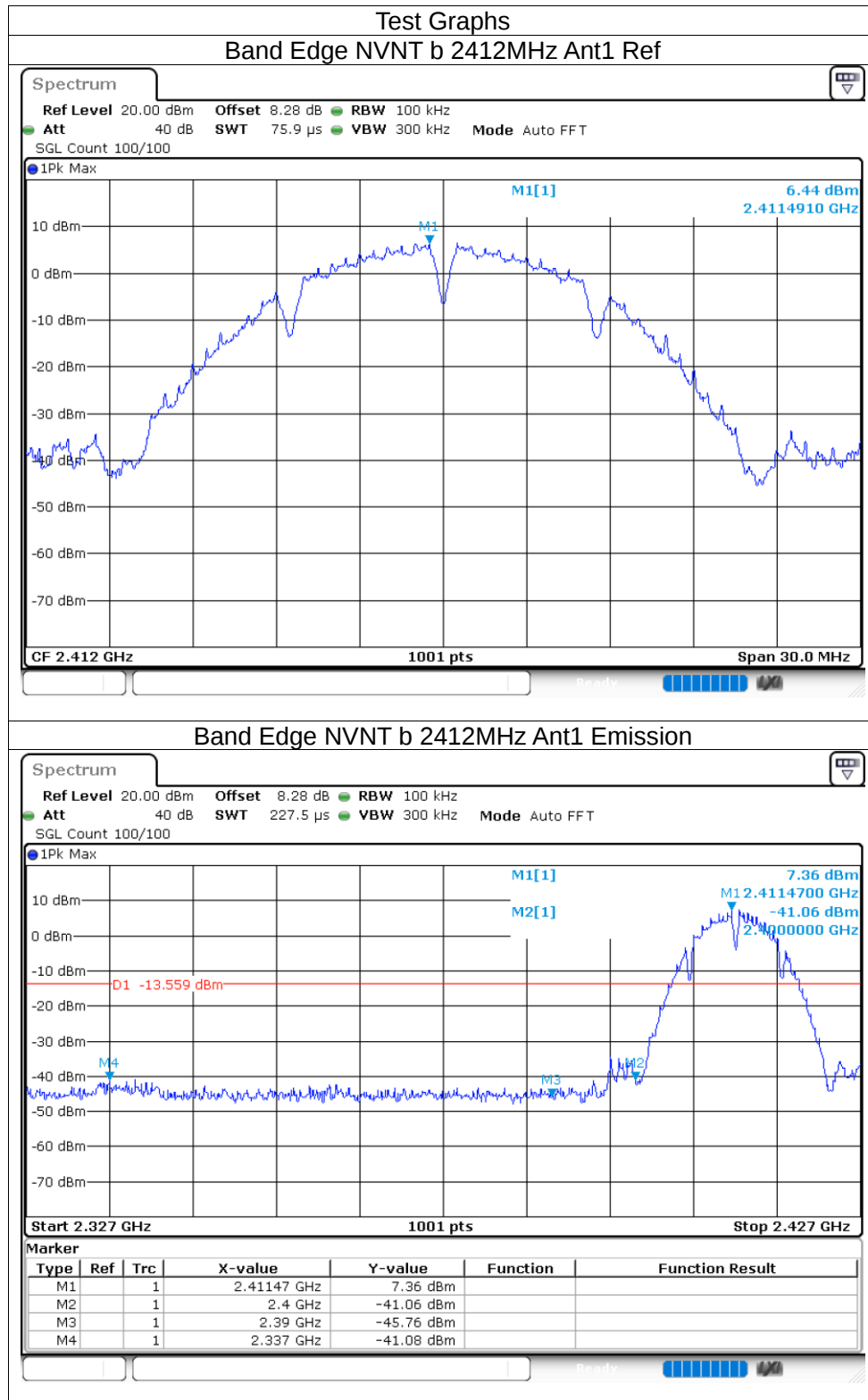


PSD NVNT n40 2452MHz Ant1

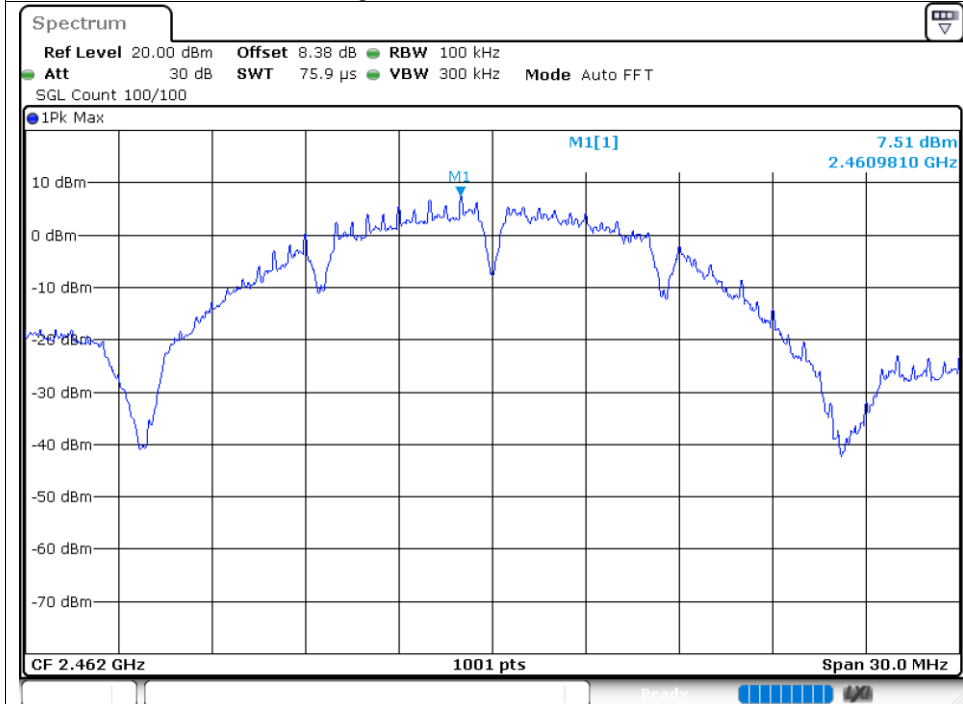


8.6 BAND EDGE

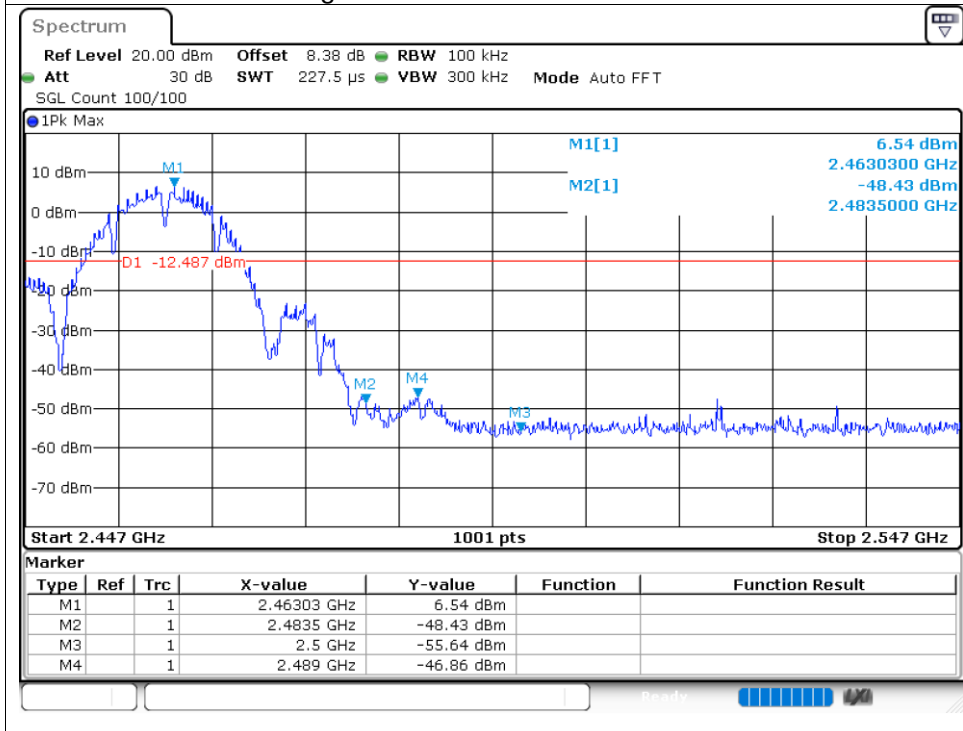
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-47.52	-20	Pass
NVNT	b	2462	Ant1	-54.36	-20	Pass
NVNT	g	2412	Ant1	-43.72	-20	Pass
NVNT	g	2462	Ant1	-37.47	-20	Pass
NVNT	n20	2412	Ant1	-46.01	-20	Pass
NVNT	n20	2462	Ant1	-36.94	-20	Pass
NVNT	n40	2422	Ant1	-37.95	-20	Pass
NVNT	n40	2452	Ant1	-32.47	-20	Pass



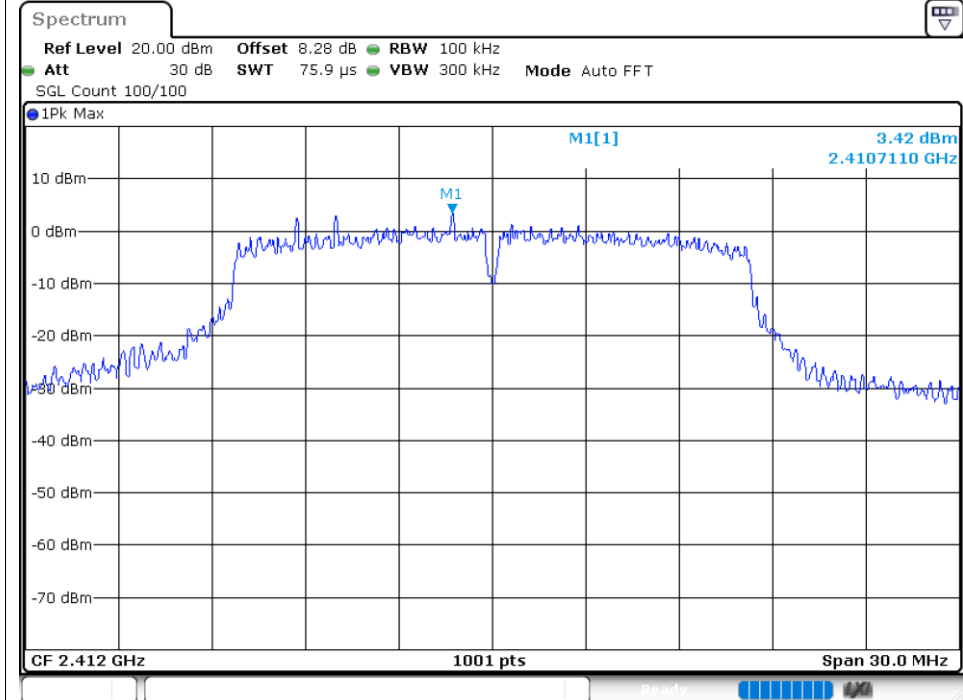
Band Edge NVNT b 2462MHz Ant1 Ref



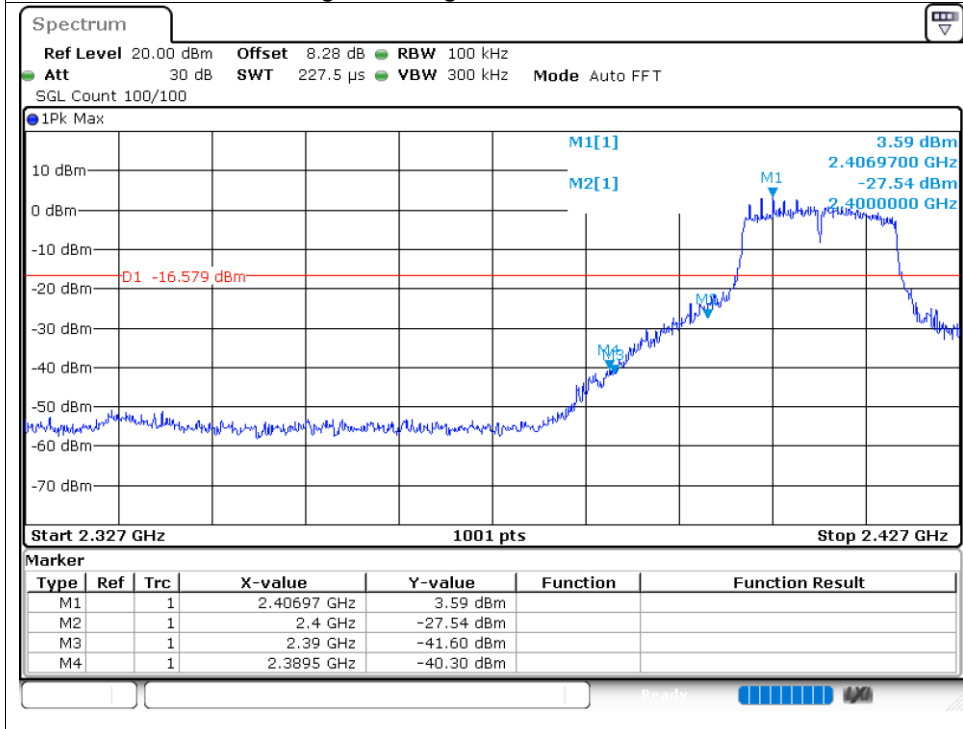
Band Edge NVNT b 2462MHz Ant1 Emission

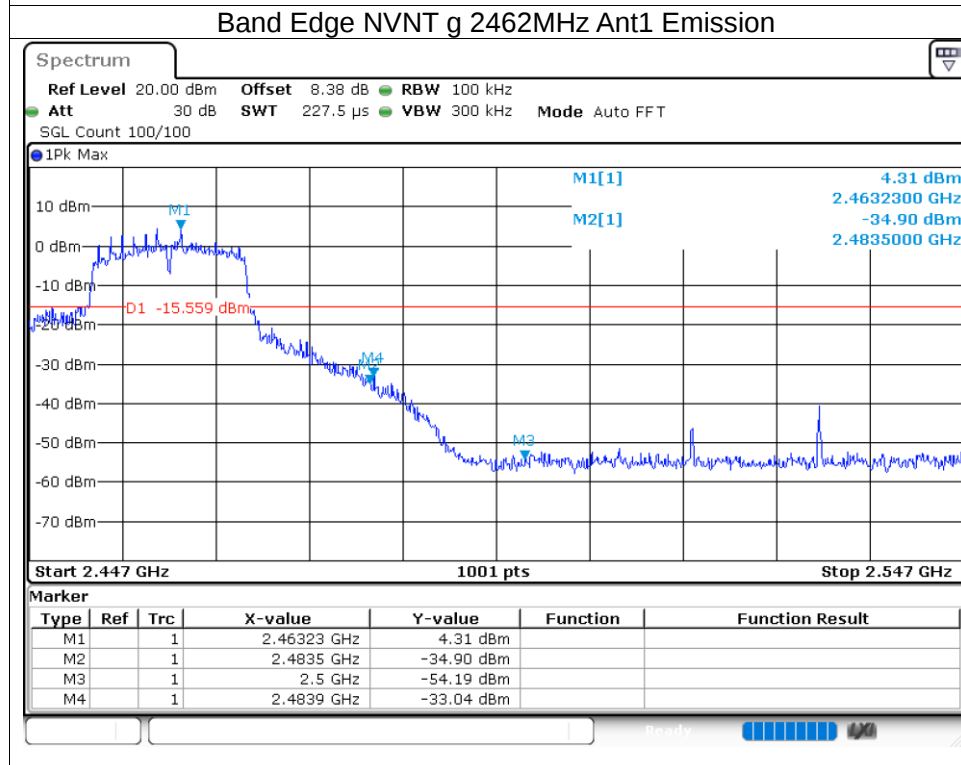
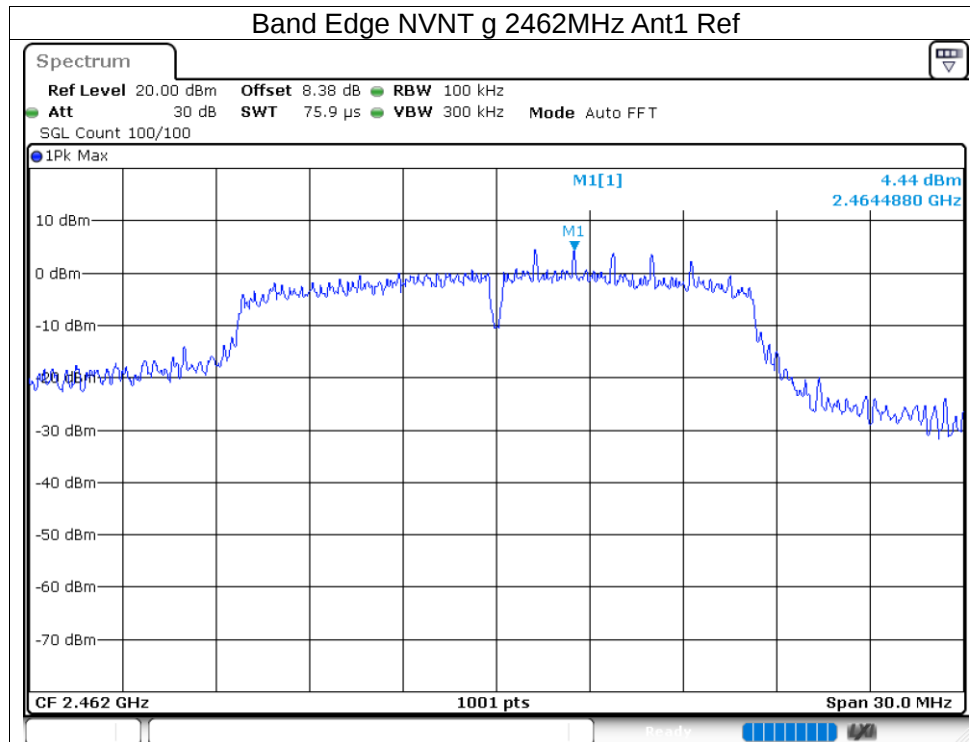


Band Edge NVNT g 2412MHz Ant1 Ref

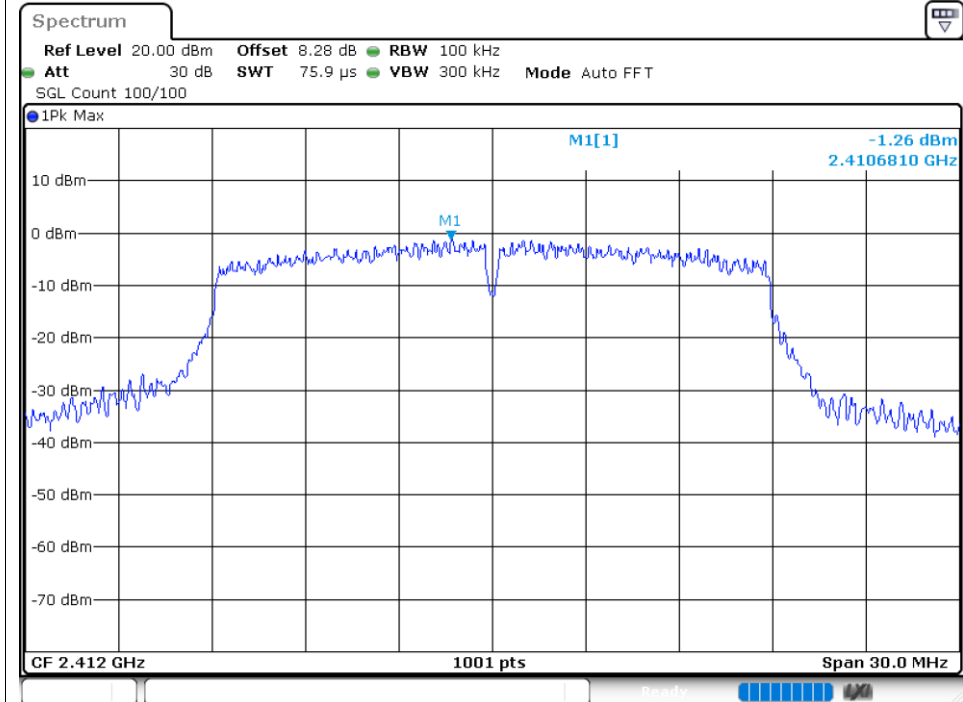


Band Edge NVNT g 2412MHz Ant1 Emission

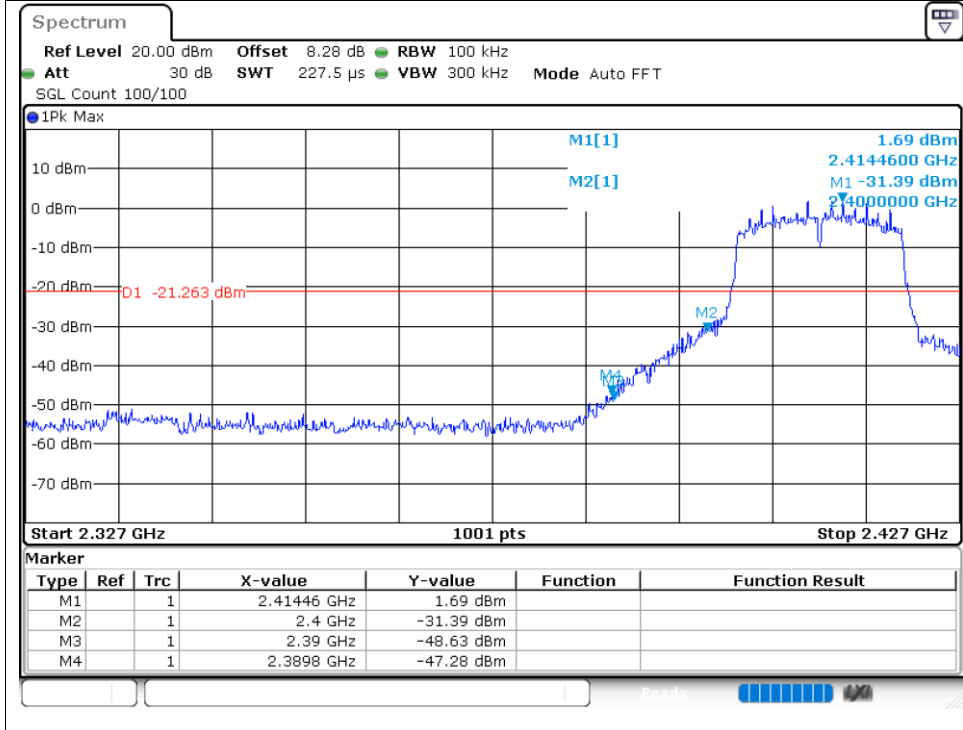




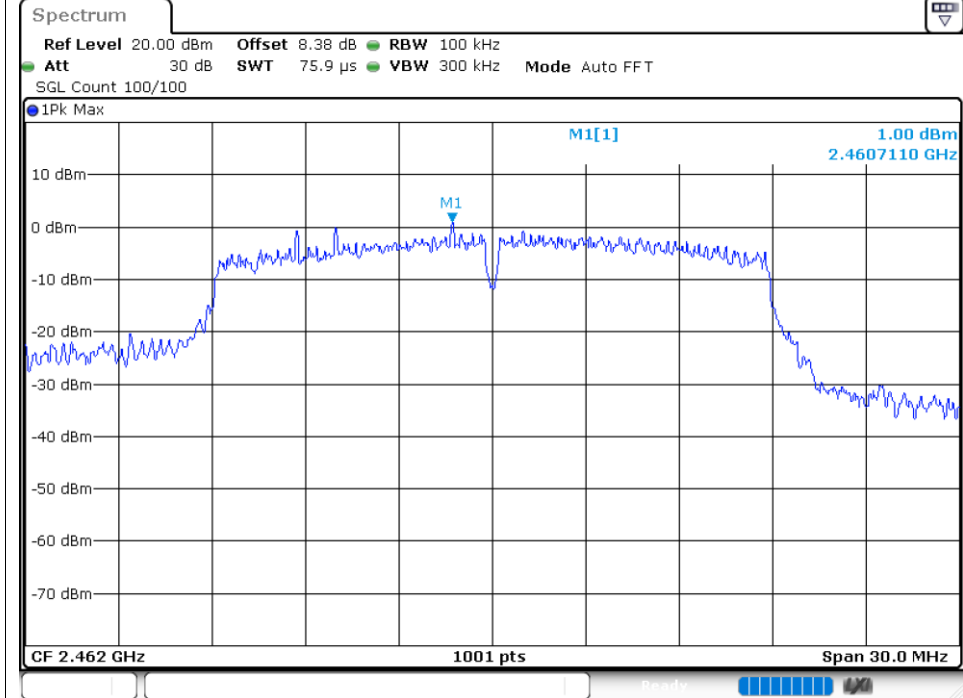
Band Edge NVNT n20 2412MHz Ant1 Ref



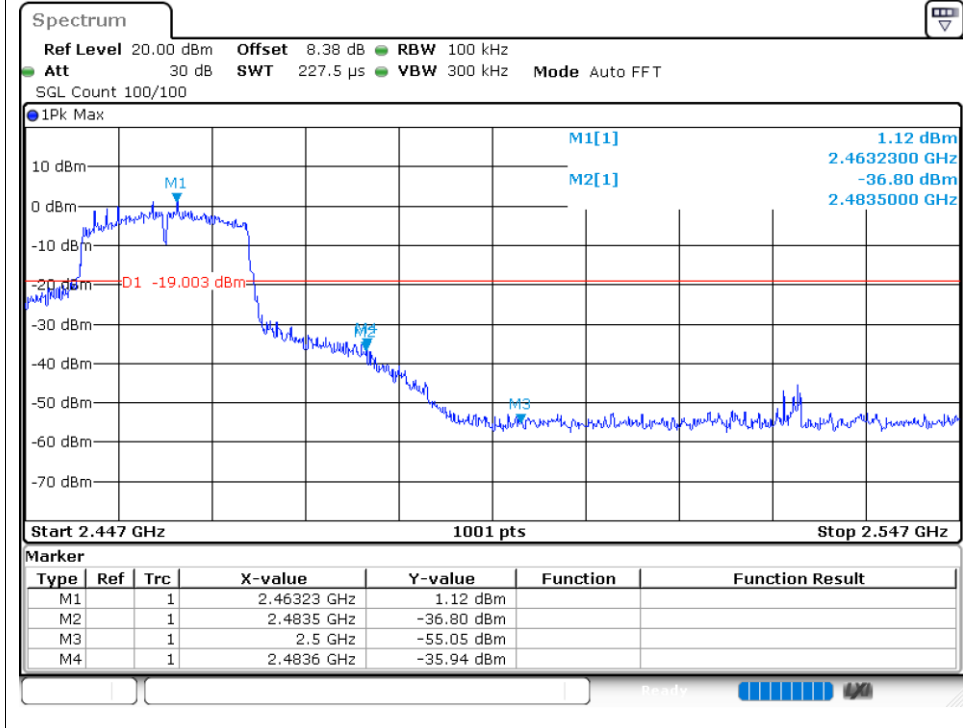
Band Edge NVNT n20 2412MHz Ant1 Emission



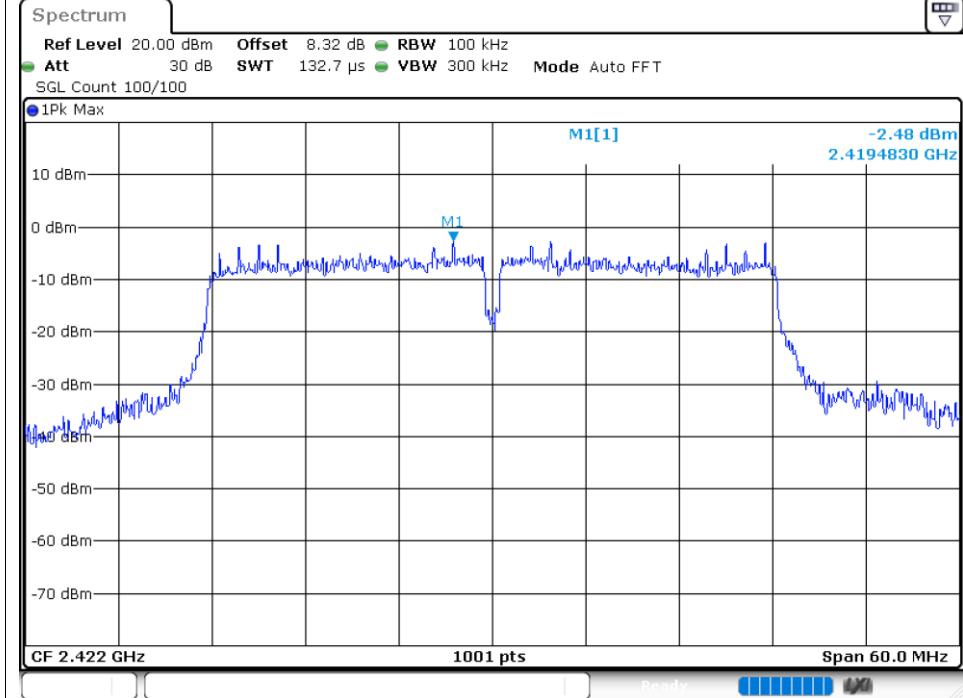
Band Edge NVNT n20 2462MHz Ant1 Ref



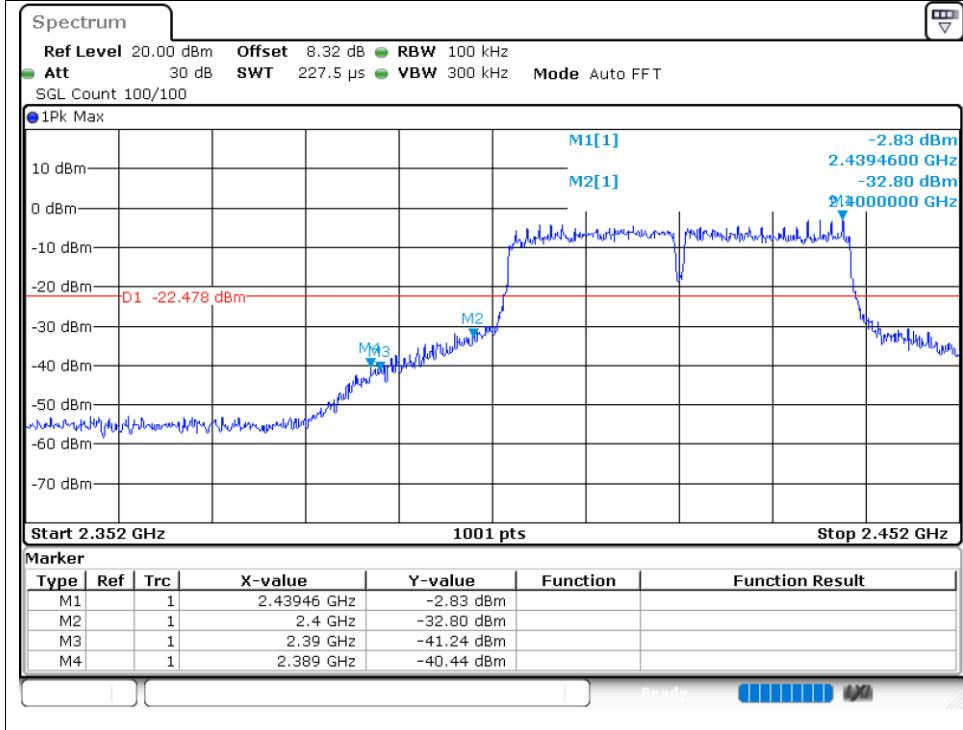
Band Edge NVNT n20 2462MHz Ant1 Emission



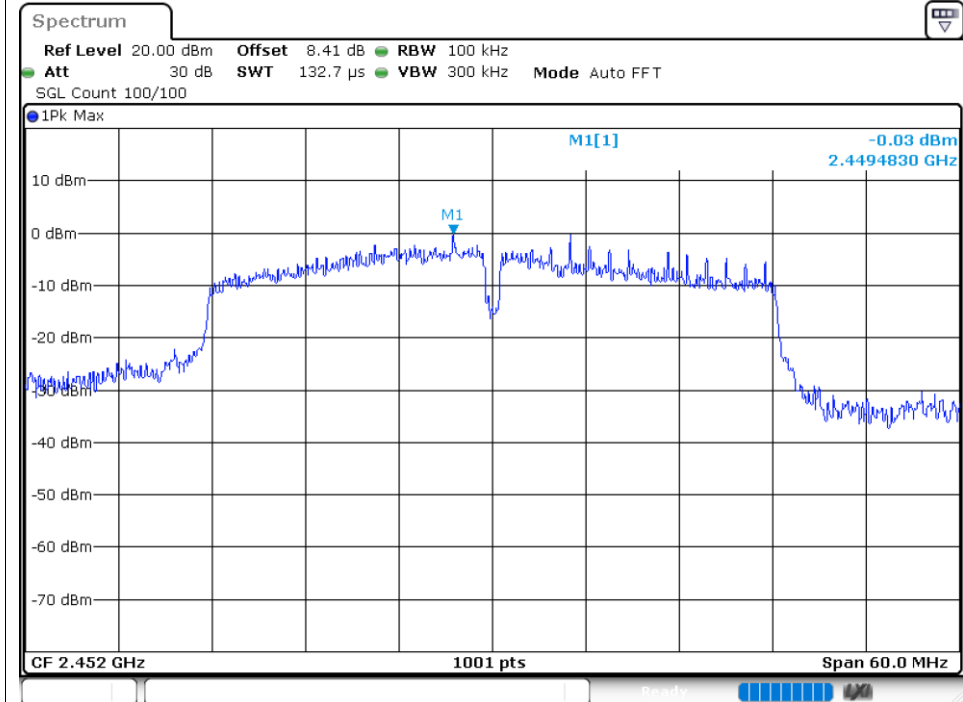
Band Edge NVNT n40 2422MHz Ant1 Ref



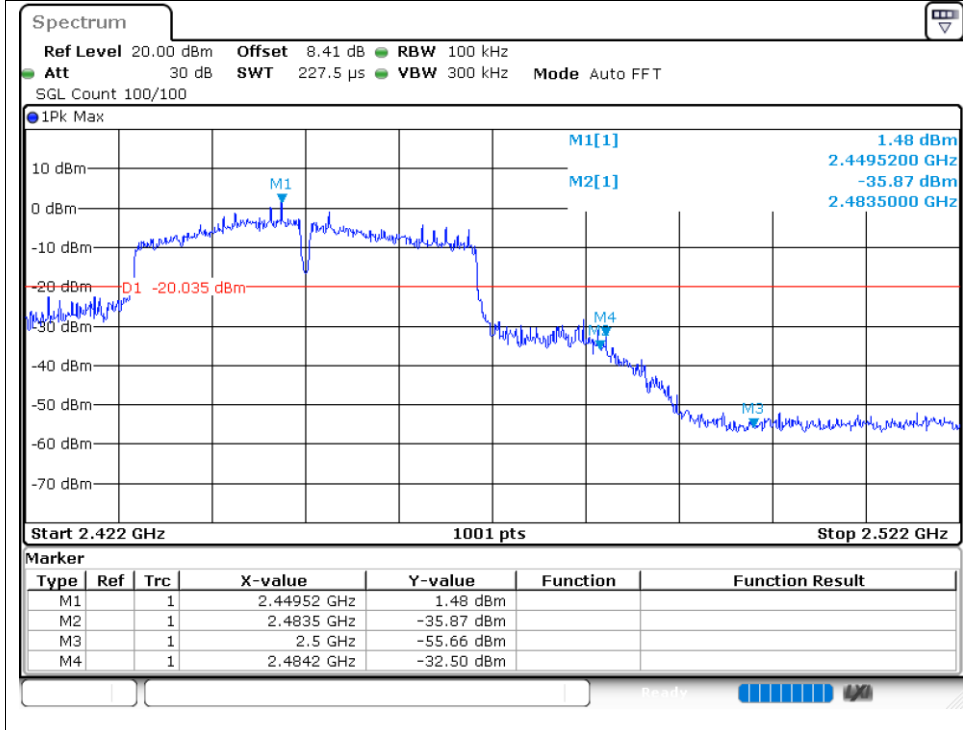
Band Edge NVNT n40 2422MHz Ant1 Emission



Band Edge NVNT n40 2452MHz Ant1 Ref



Band Edge NVNT n40 2452MHz Ant1 Emission

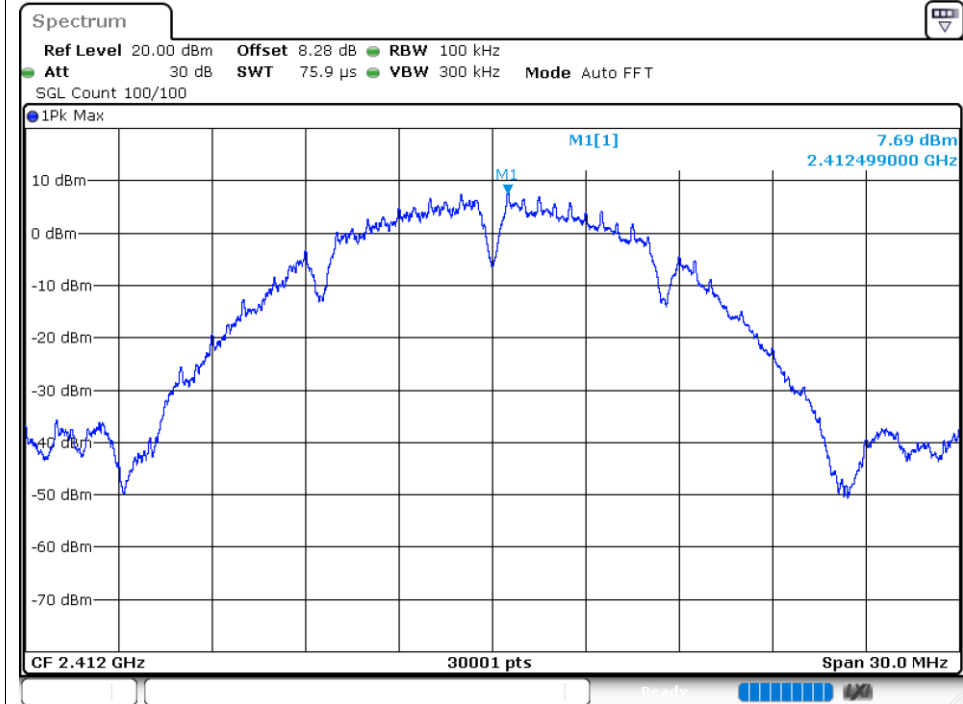


8.7 CONDUCTED RF SPURIOUS EMISSION

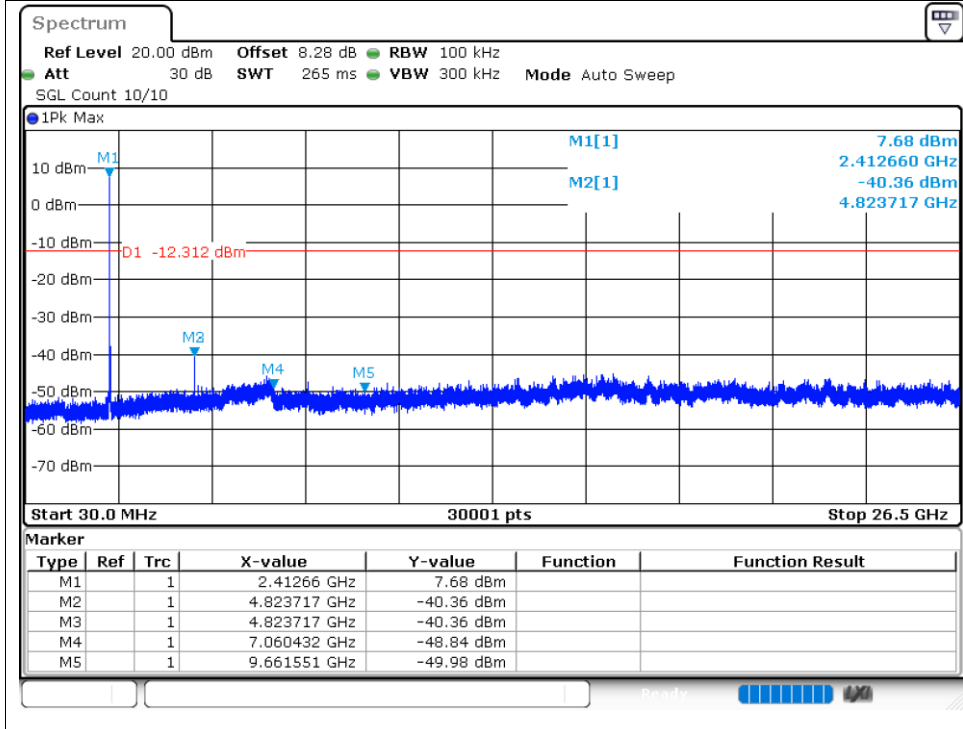
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-48.05	-20	Pass
NVNT	b	2437	Ant1	-45.6	-20	Pass
NVNT	b	2462	Ant1	-49.54	-20	Pass
NVNT	g	2412	Ant1	-48.45	-20	Pass
NVNT	g	2437	Ant1	-48.94	-20	Pass
NVNT	g	2462	Ant1	-42.56	-20	Pass
NVNT	n20	2412	Ant1	-46.55	-20	Pass
NVNT	n20	2437	Ant1	-46.81	-20	Pass
NVNT	n20	2462	Ant1	-46.82	-20	Pass
NVNT	n40	2422	Ant1	-43.31	-20	Pass
NVNT	n40	2437	Ant1	-43.08	-20	Pass
NVNT	n40	2452	Ant1	-46.37	-20	Pass

Test Graphs

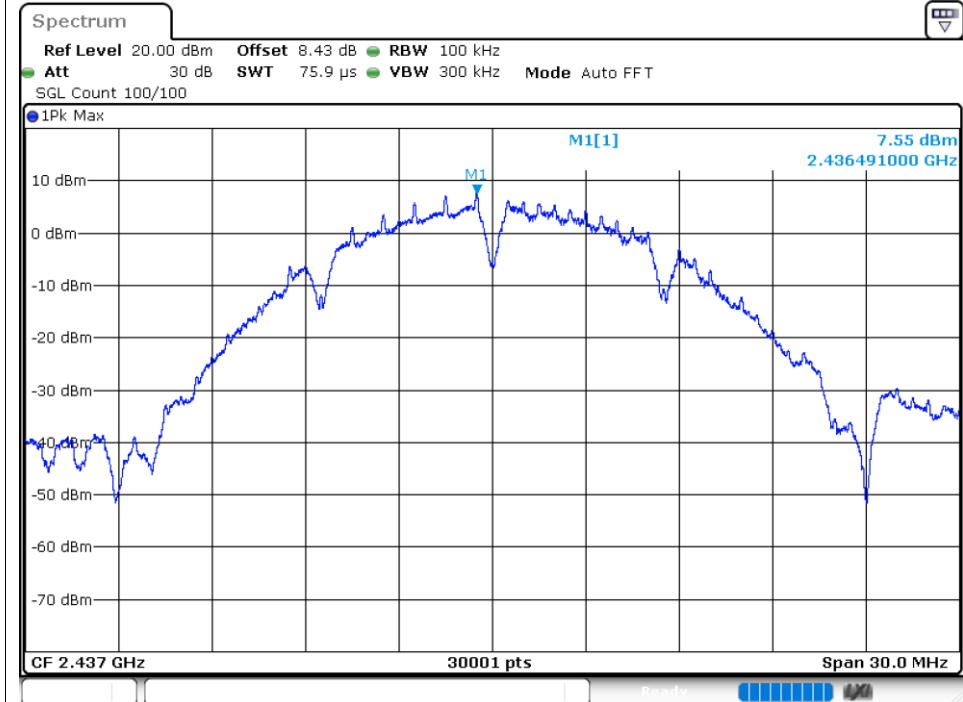
Tx. Spurious NVNT b 2412MHz Ant1 Ref



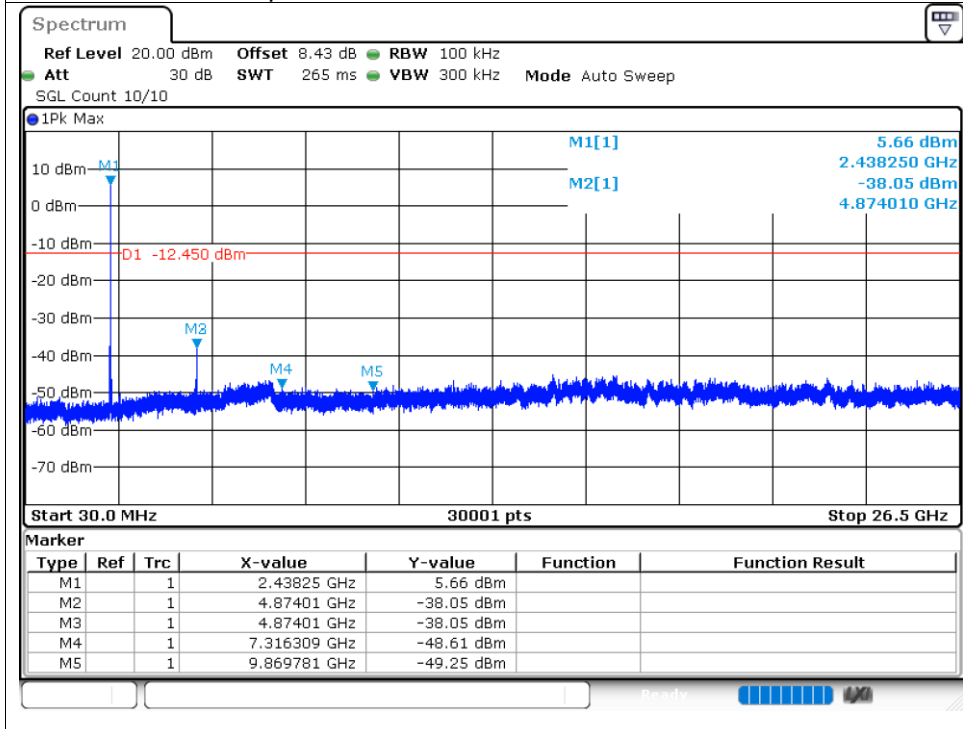
Tx. Spurious NVNT b 2412MHz Ant1 Emission



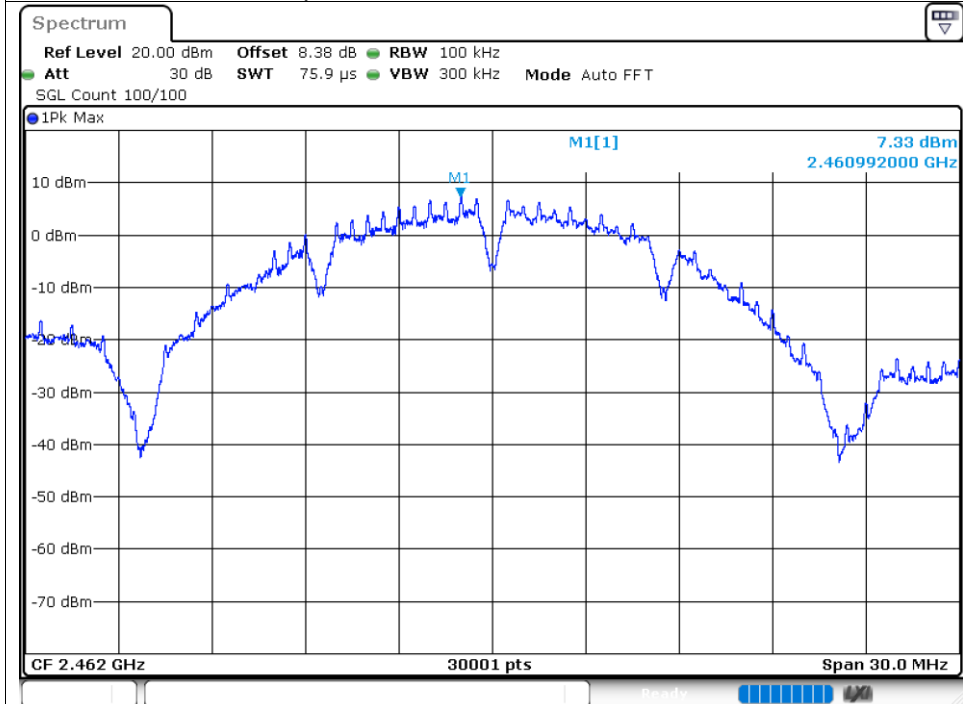
Tx. Spurious NVNT b 2437MHz Ant1 Ref



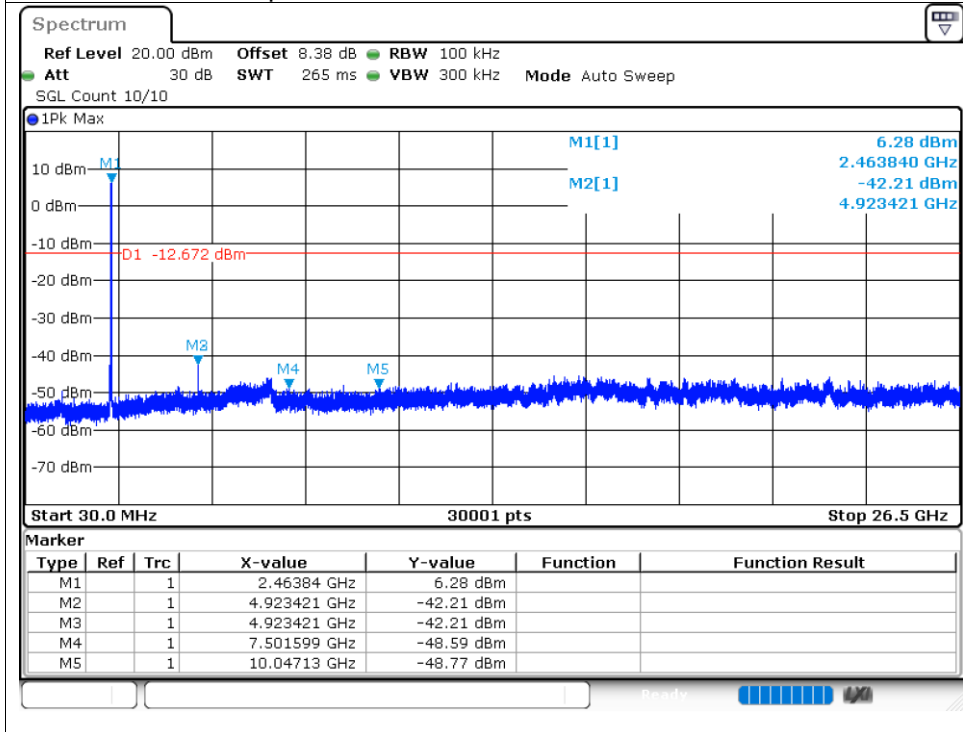
Tx. Spurious NVNT b 2437MHz Ant1 Emission



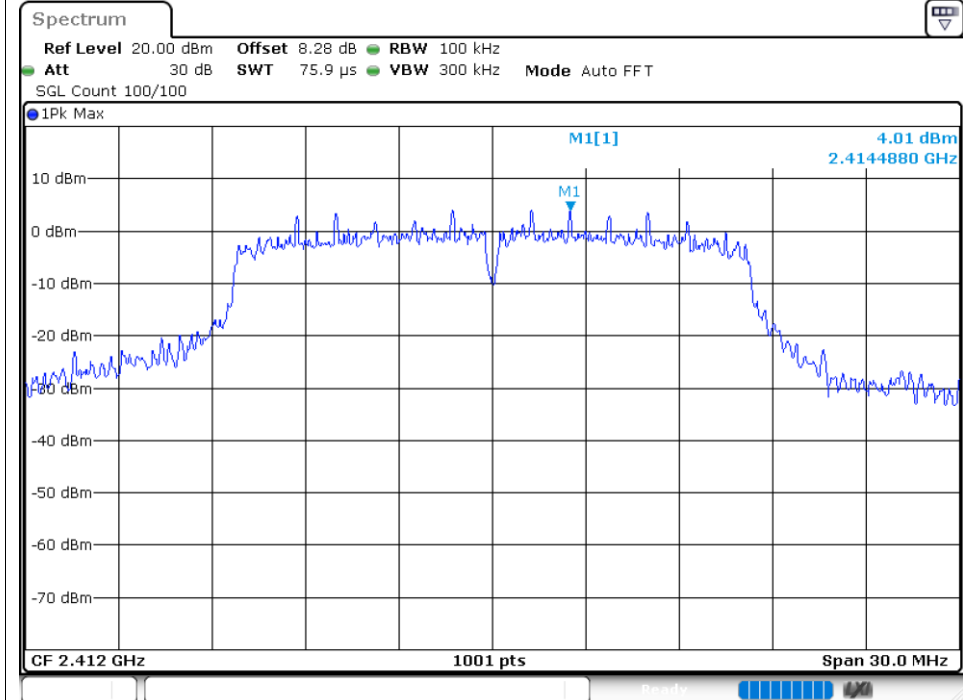
Tx. Spurious NVNT b 2462MHz Ant1 Ref



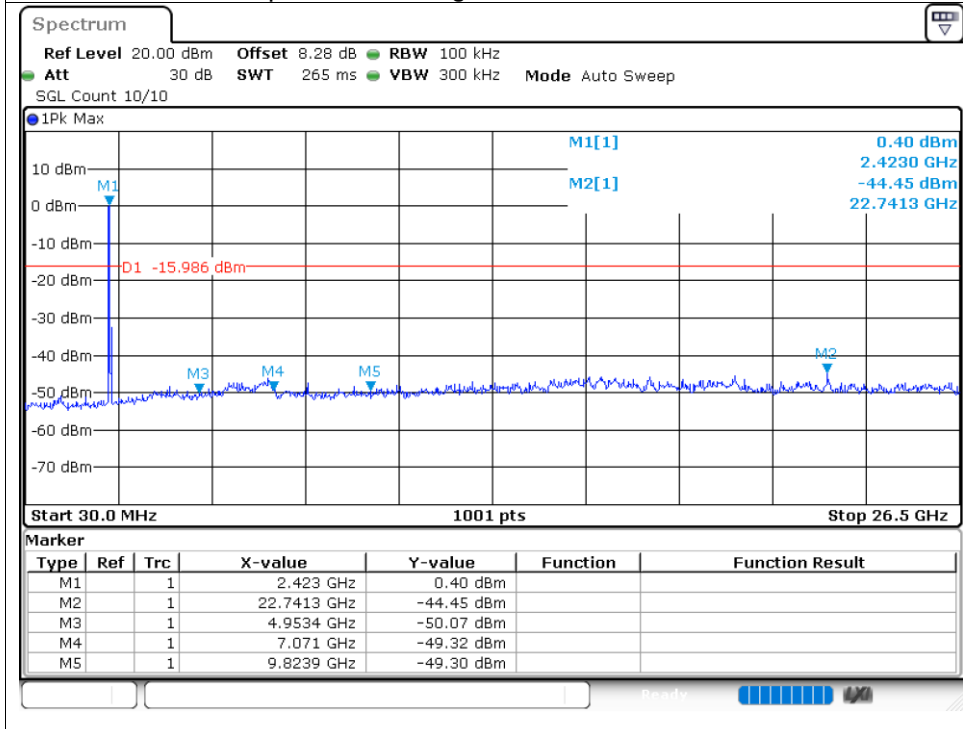
Tx. Spurious NVNT b 2462MHz Ant1 Emission



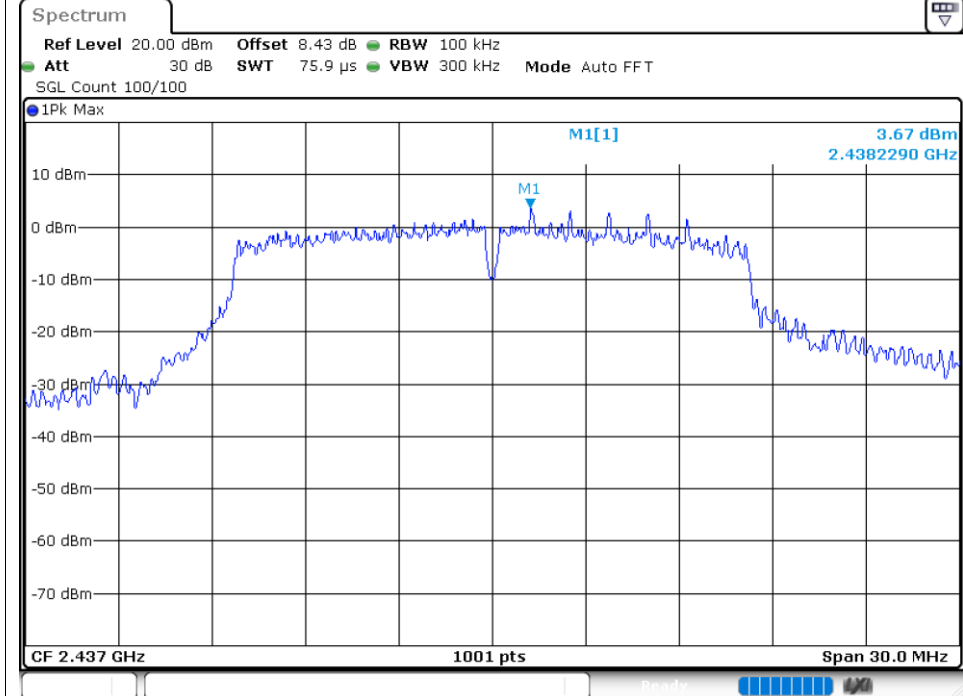
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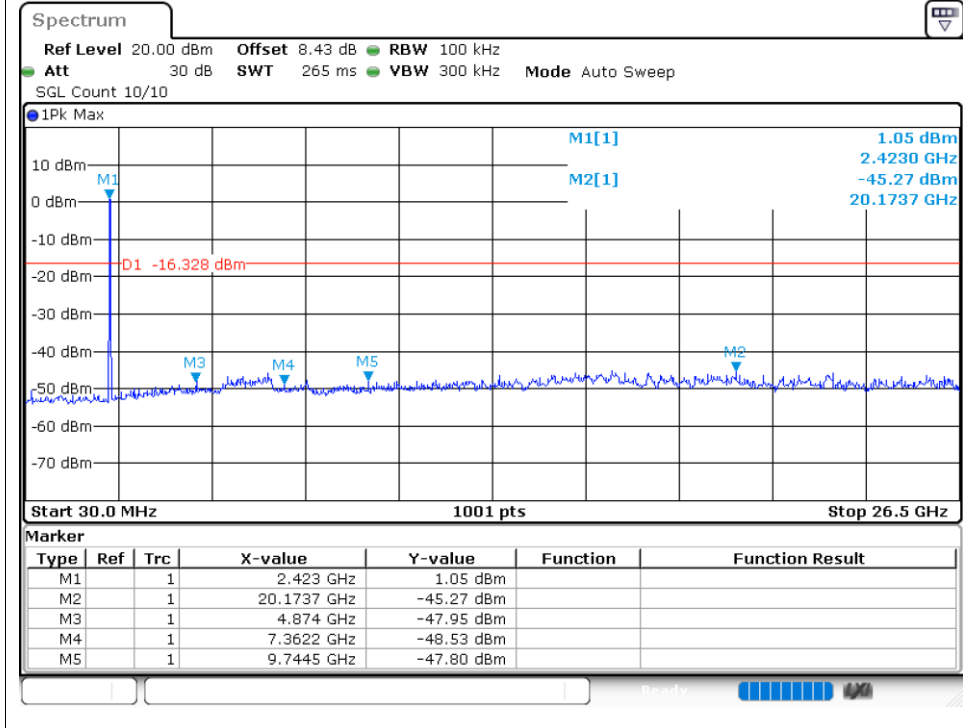
Tx. Spurious NVNT g 2412MHz Ant1 Emission



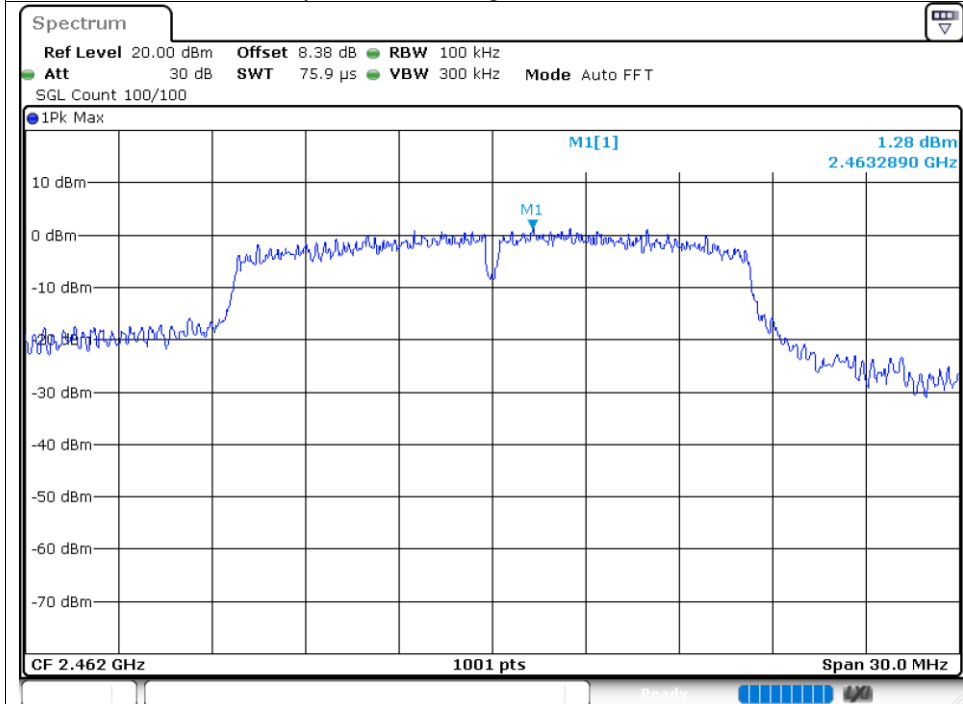
Tx. Spurious NVNT g 2437MHz Ant1 Ref



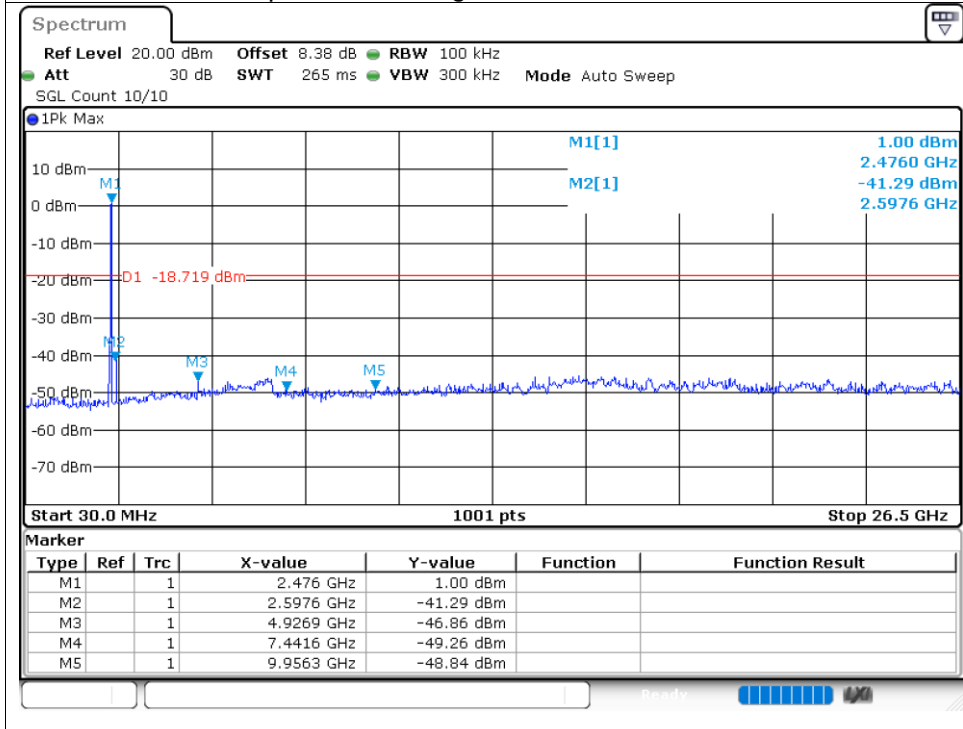
Tx. Spurious NVNT g 2437MHz Ant1 Emission



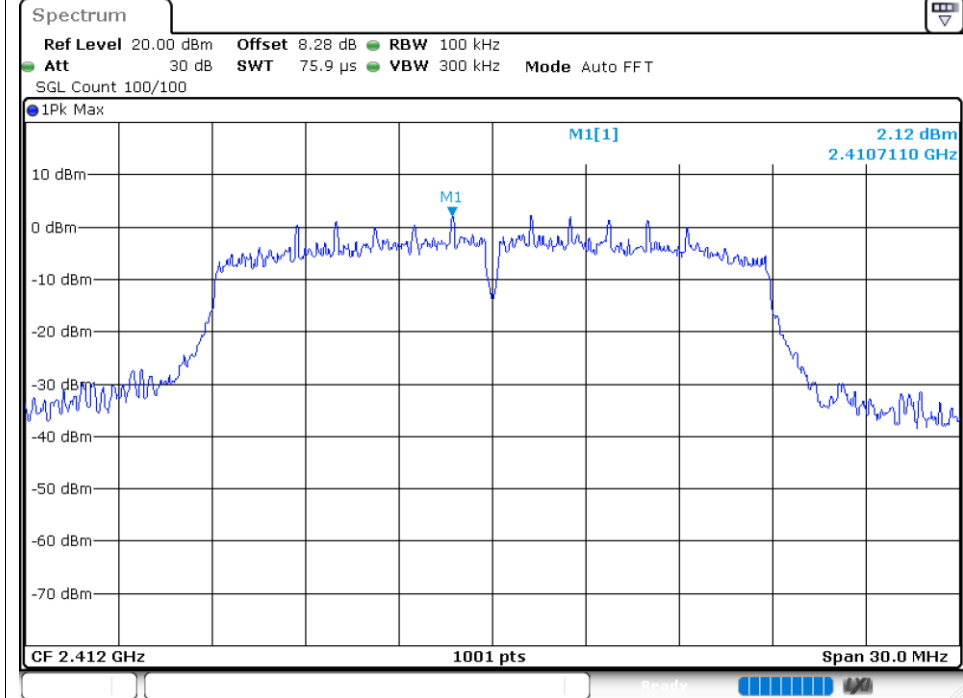
Tx. Spurious NVNT g 2462MHz Ant1 Ref



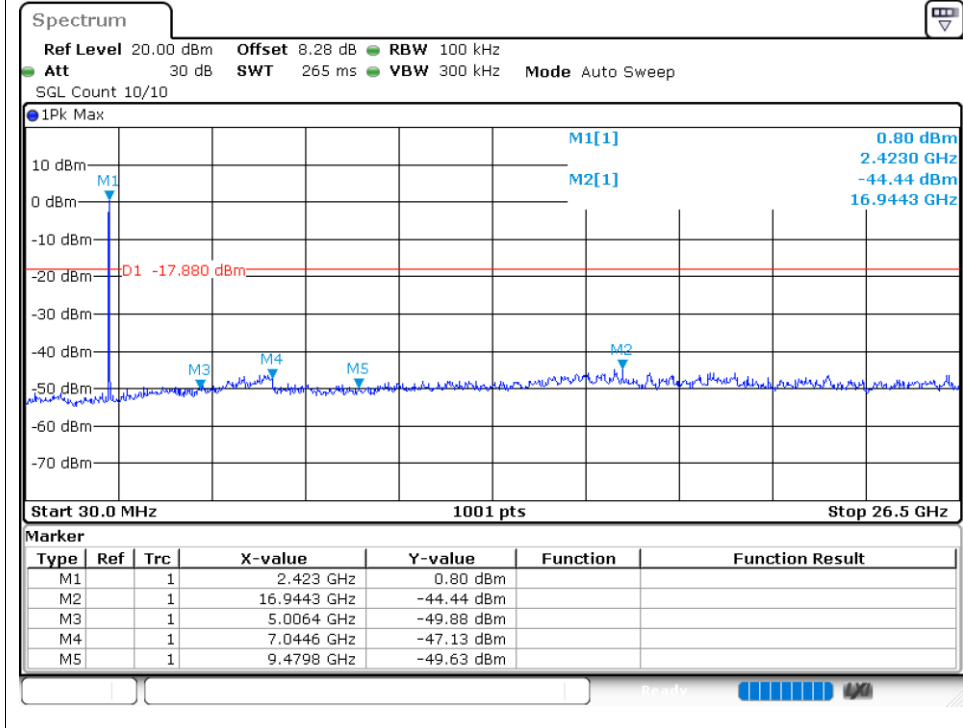
Tx. Spurious NVNT g 2462MHz Ant1 Emission



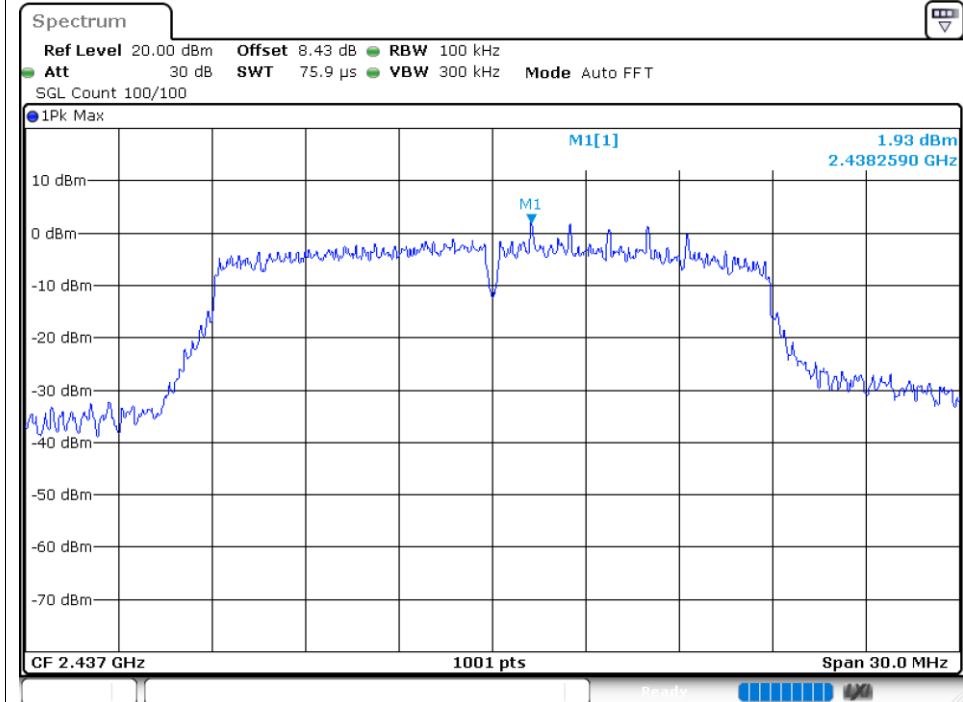
Tx. Spurious NVNT n20 2412MHz Ant1 Ref



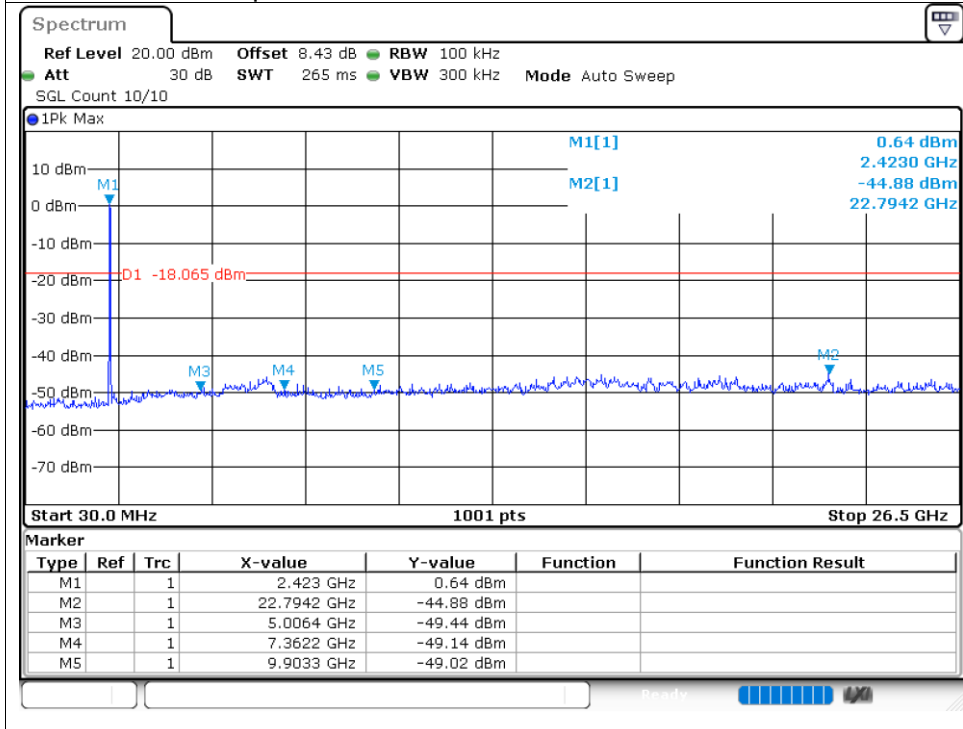
Tx. Spurious NVNT n20 2412MHz Ant1 Emission



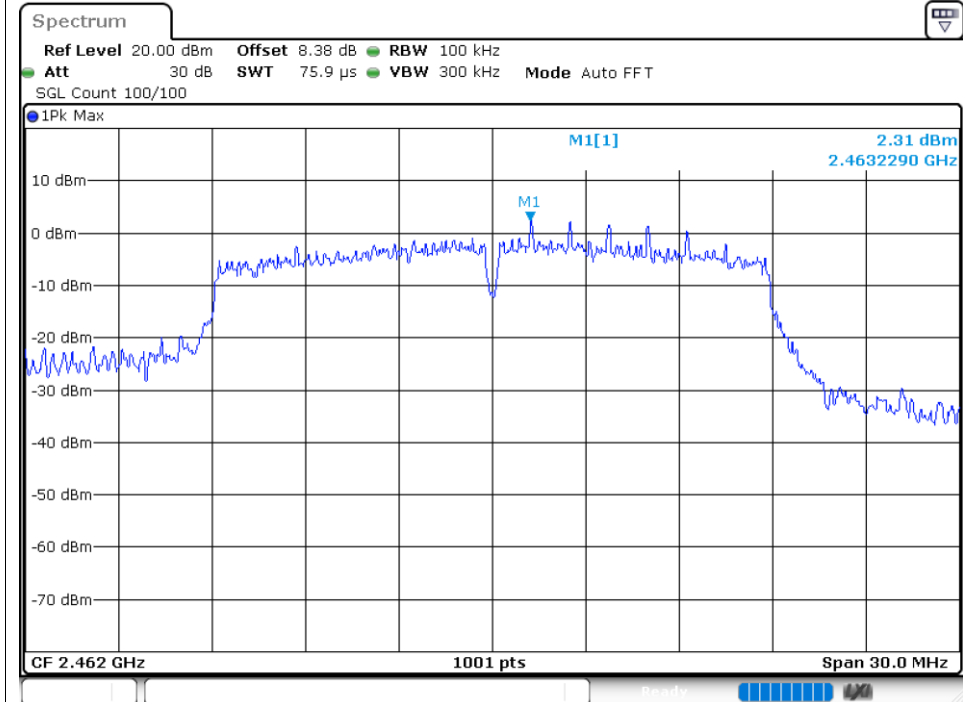
Tx. Spurious NVNT n20 2437MHz Ant1 Ref



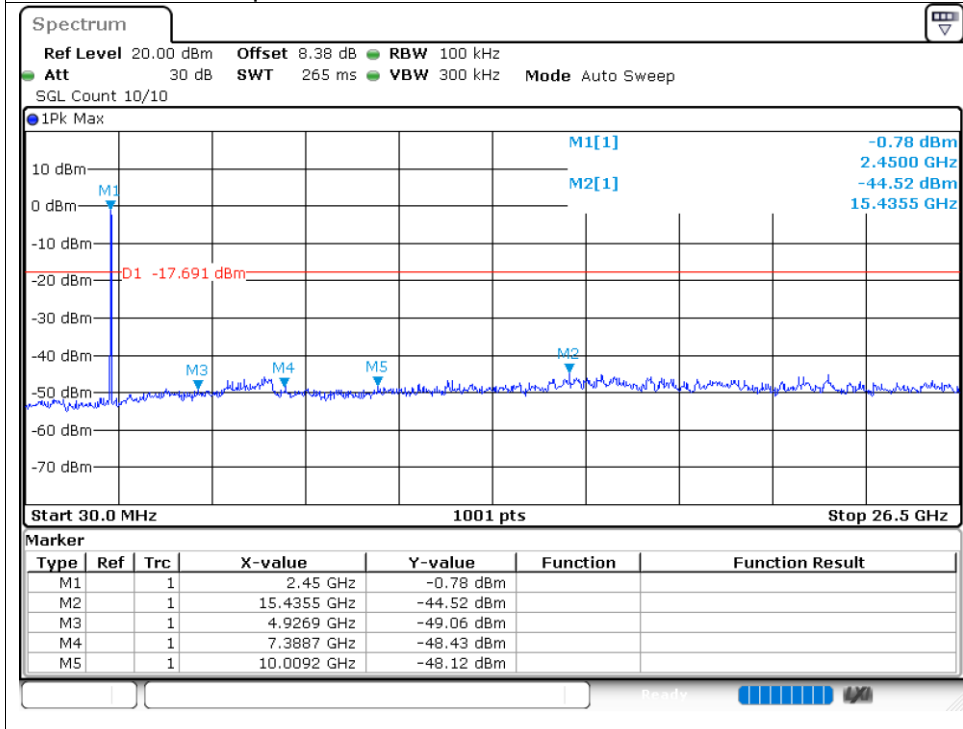
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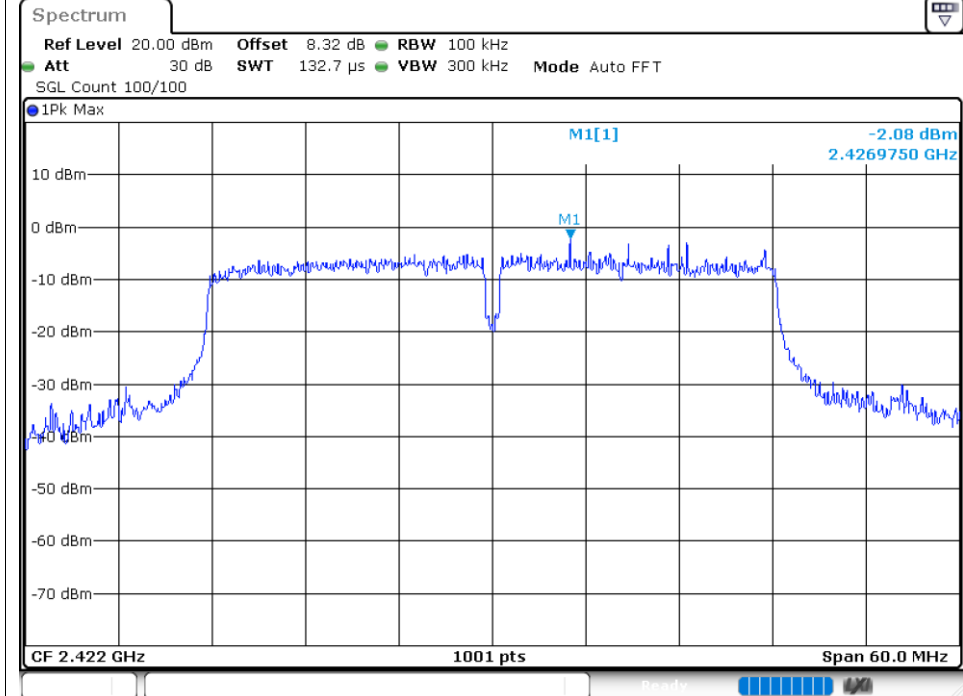
Tx. Spurious NVNT n20 2462MHz Ant1 Ref



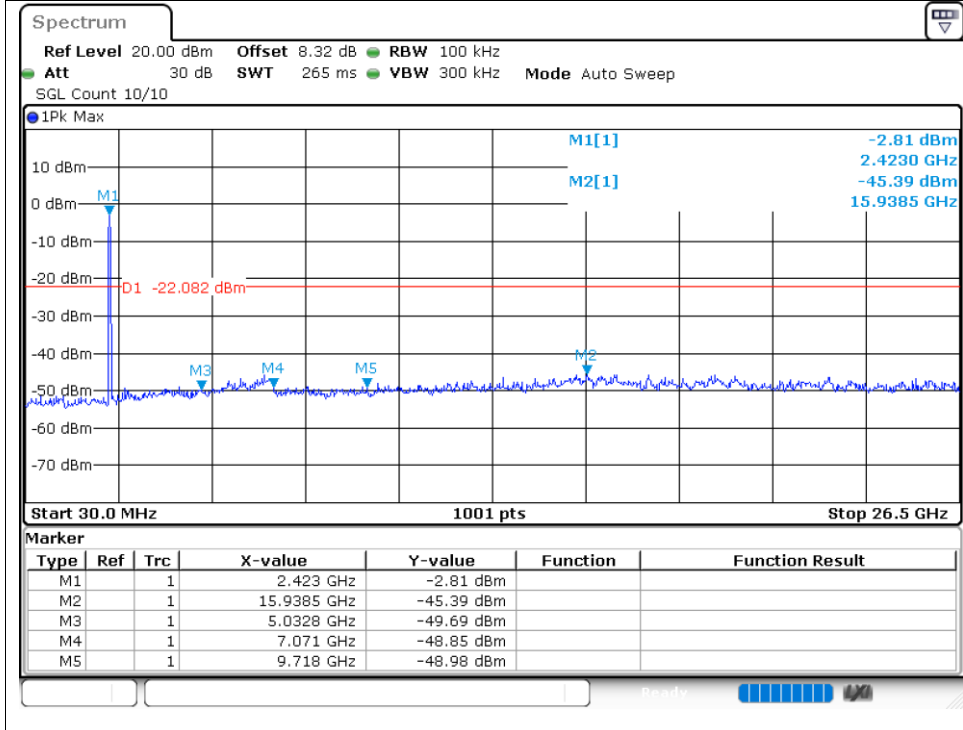
Tx. Spurious NVNT n20 2462MHz Ant1 Emission



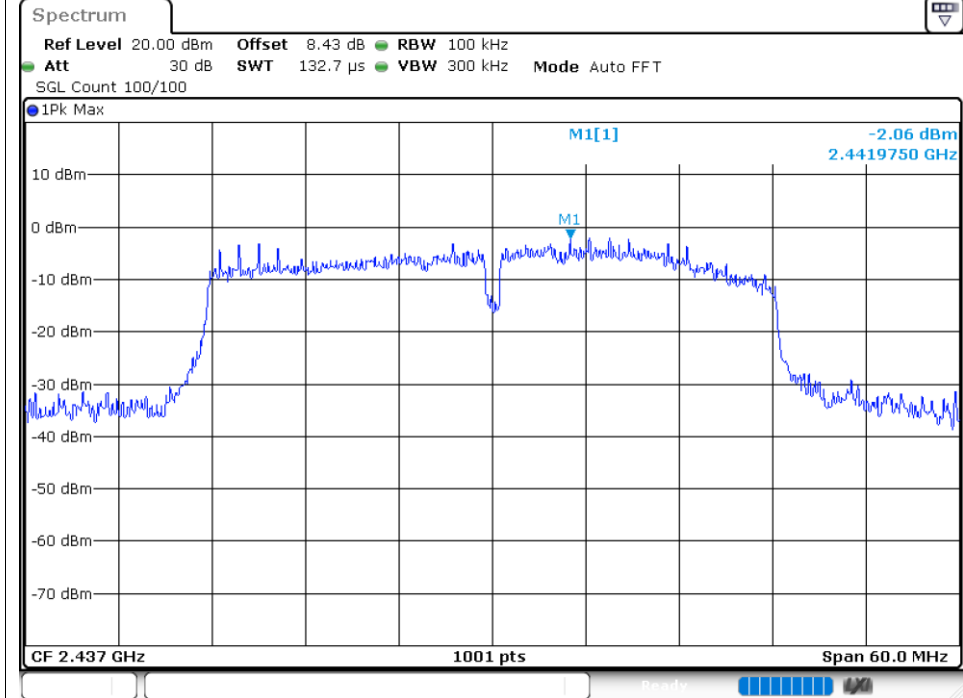
Tx. Spurious NVNT n40 2422MHz Ant1 Ref



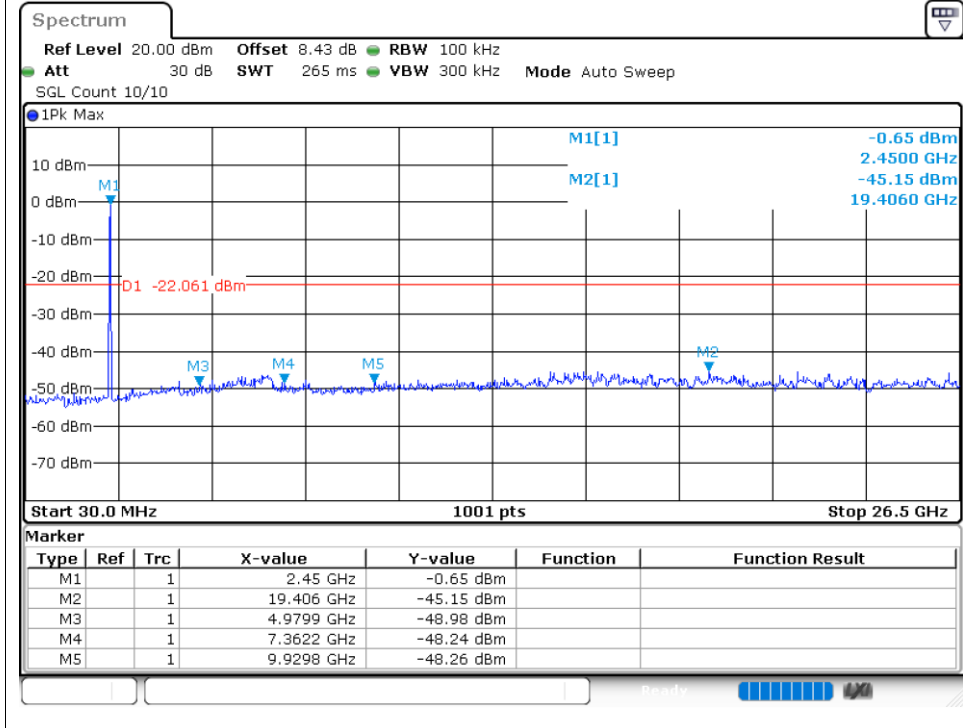
Tx. Spurious NVNT n40 2422MHz Ant1 Emission

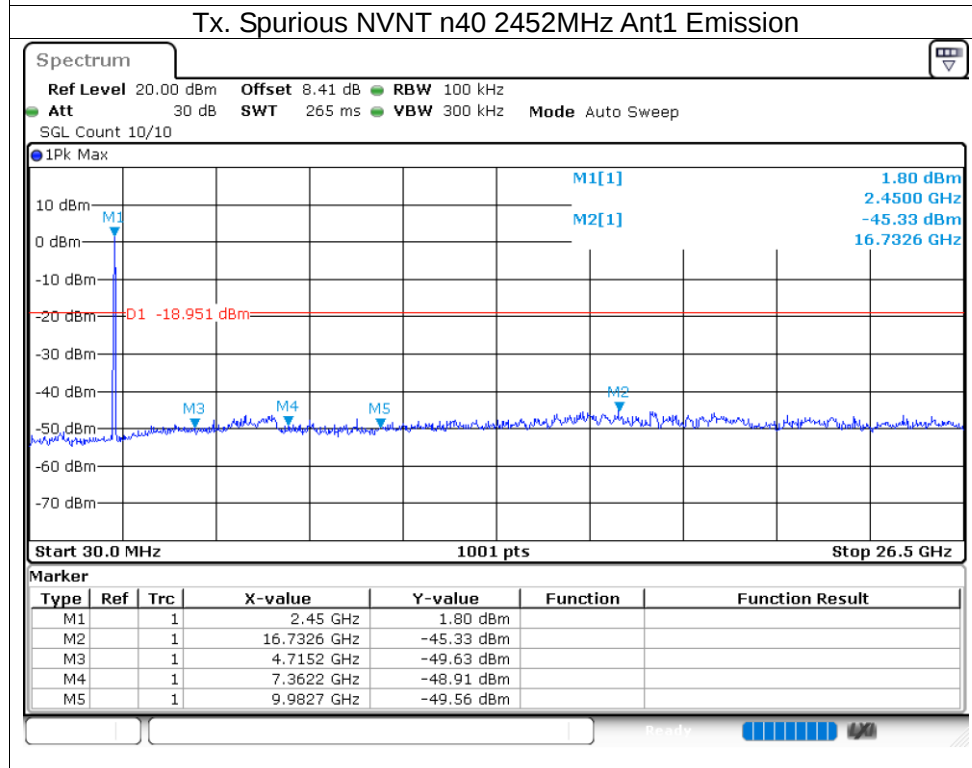
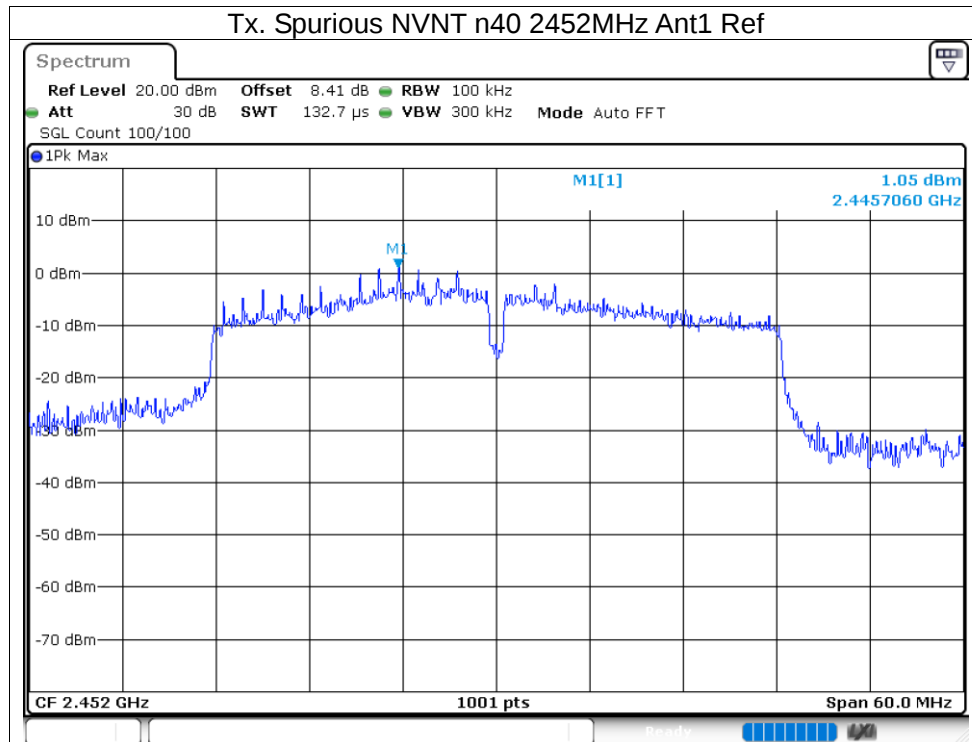


Tx. Spurious NVNT n40 2437MHz Ant1 Ref



Tx. Spurious NVNT n40 2437MHz Ant1 Emission





END OF REPORT