



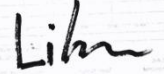
Appendix A

RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: WIFI Camera

Test Model: PM18

Environmental Conditions

Temperature:	23.7° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	
Supervised by:	



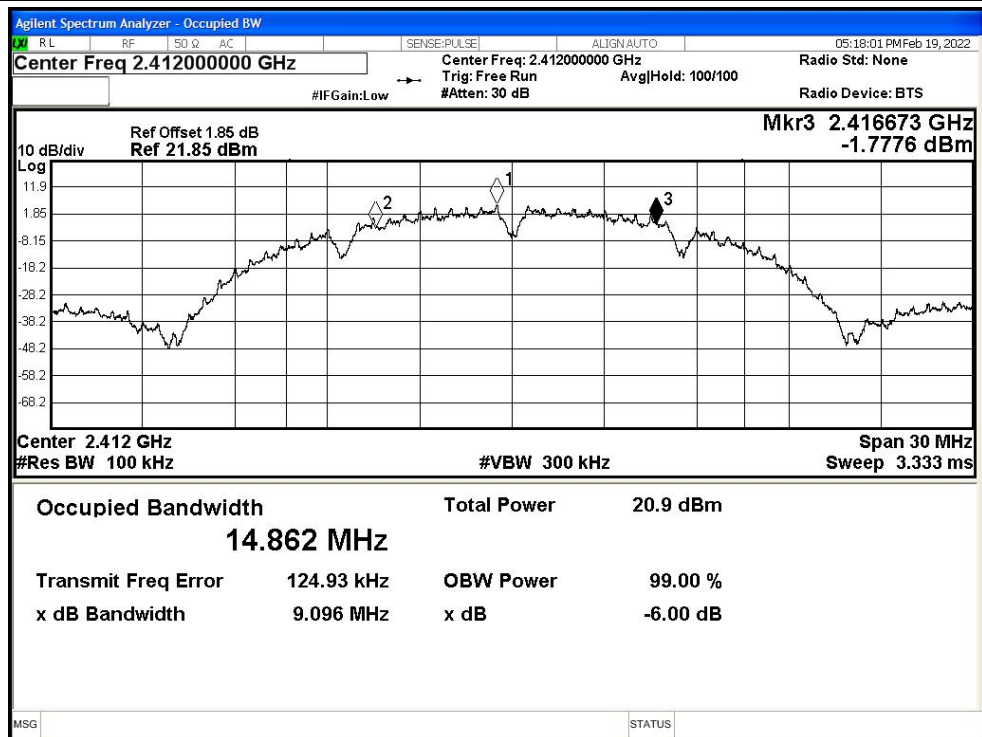
C.1 6dB Bandwidth

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	9.038	0.5	Pass
NVNT	b	2462	Ant1	9.533	0.5	Pass
NVNT	g	2412	Ant1	11.029	0.5	Pass
NVNT	g	2437	Ant1	11.320	0.5	Pass
NVNT	g	2462	Ant1	12.537	0.5	Pass
NVNT	n20	2412	Ant1	15.596	0.5	Pass
NVNT	n20	2437	Ant1	15.073	0.5	Pass
NVNT	n20	2462	Ant1	13.826	0.5	Pass
NVNT	n40	2422	Ant1	31.270	0.5	Pass
NVNT	n40	2437	Ant1	32.523	0.5	Pass
NVNT	n40	2452	Ant1	32.519	0.5	Pass

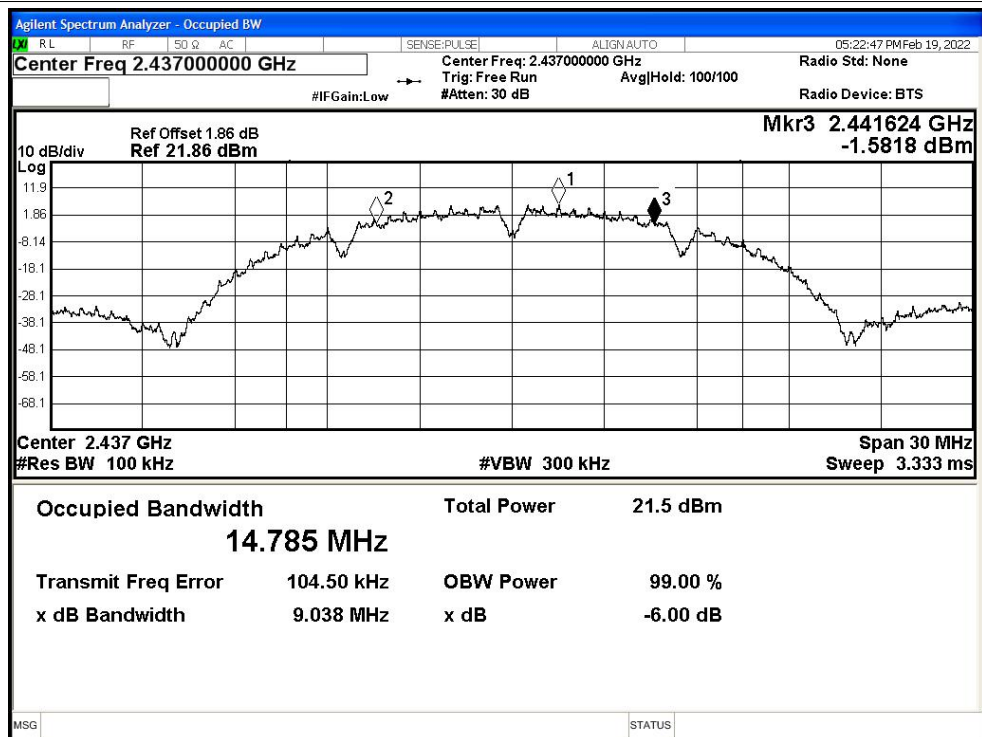


Test Graphs

6dB Bandwidth NVNT b 2412MHz Ant1

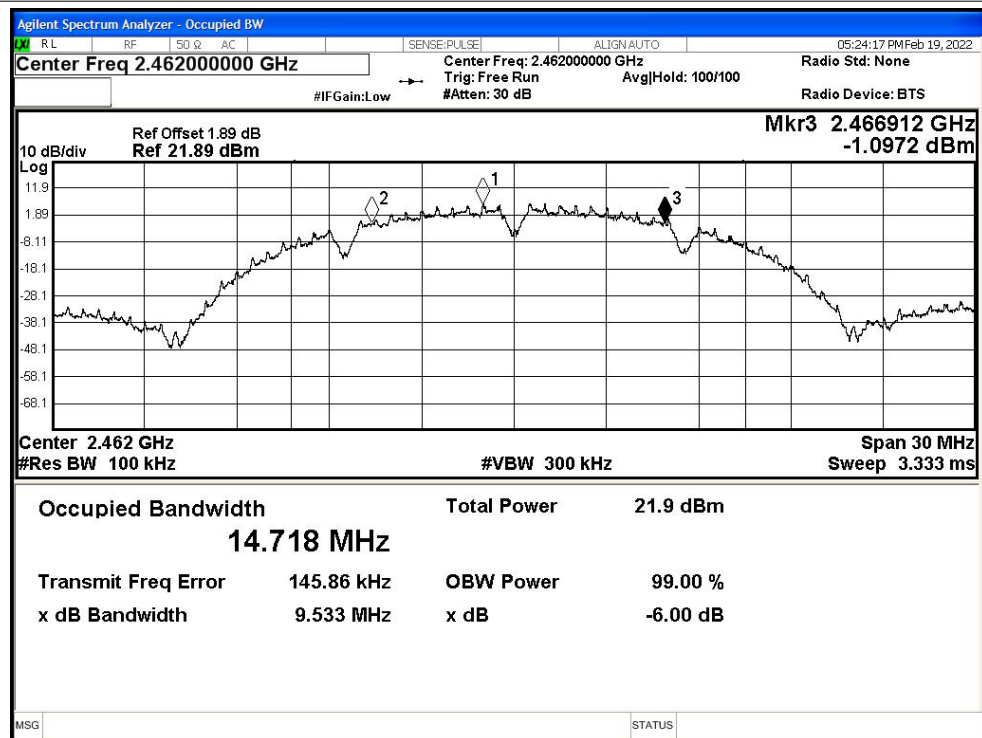


6dB Bandwidth NVNT b 2437MHz Ant1

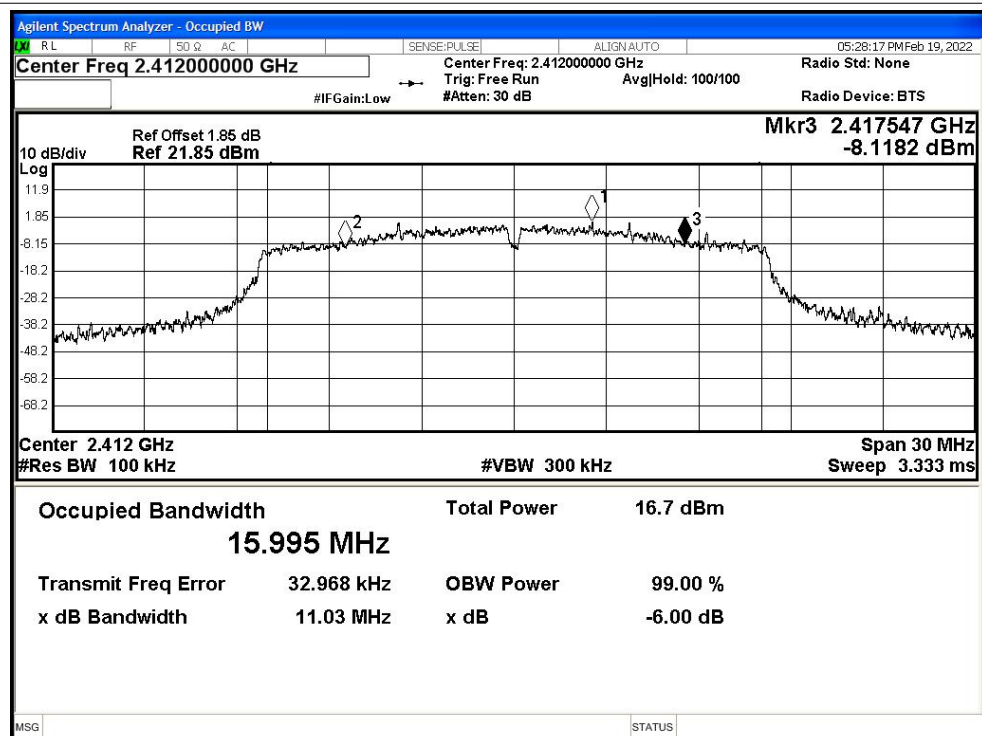




6dB Bandwidth NVNT b 2462MHz Ant1

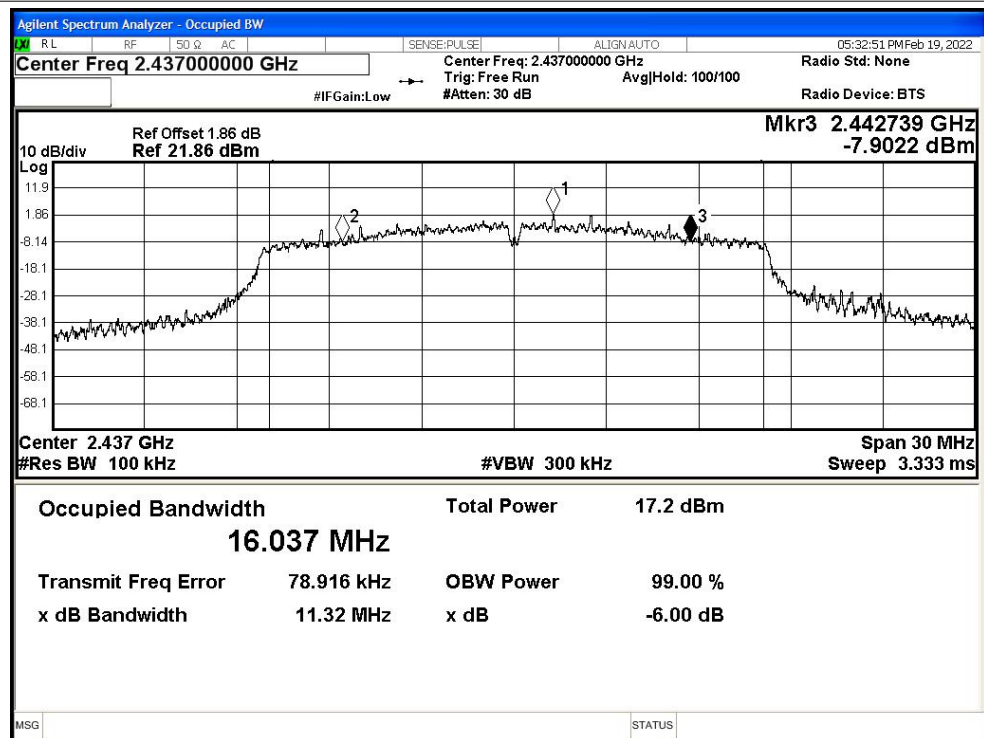


6dB Bandwidth NVNT g 2412MHz Ant1

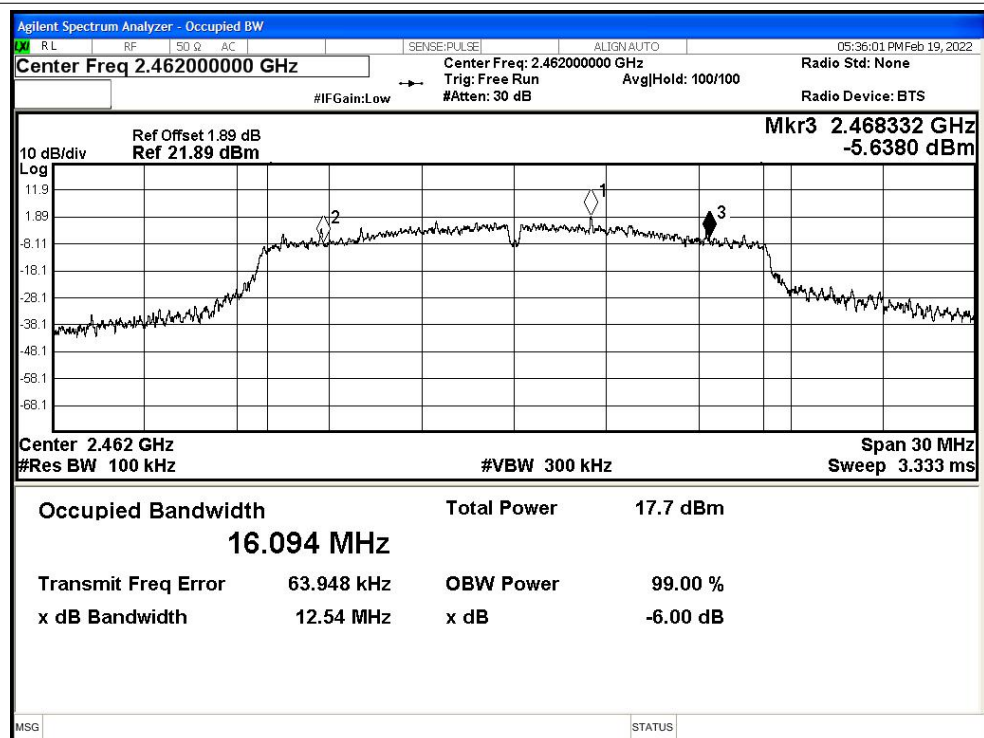




6dB Bandwidth NVNT g 2437MHz Ant1

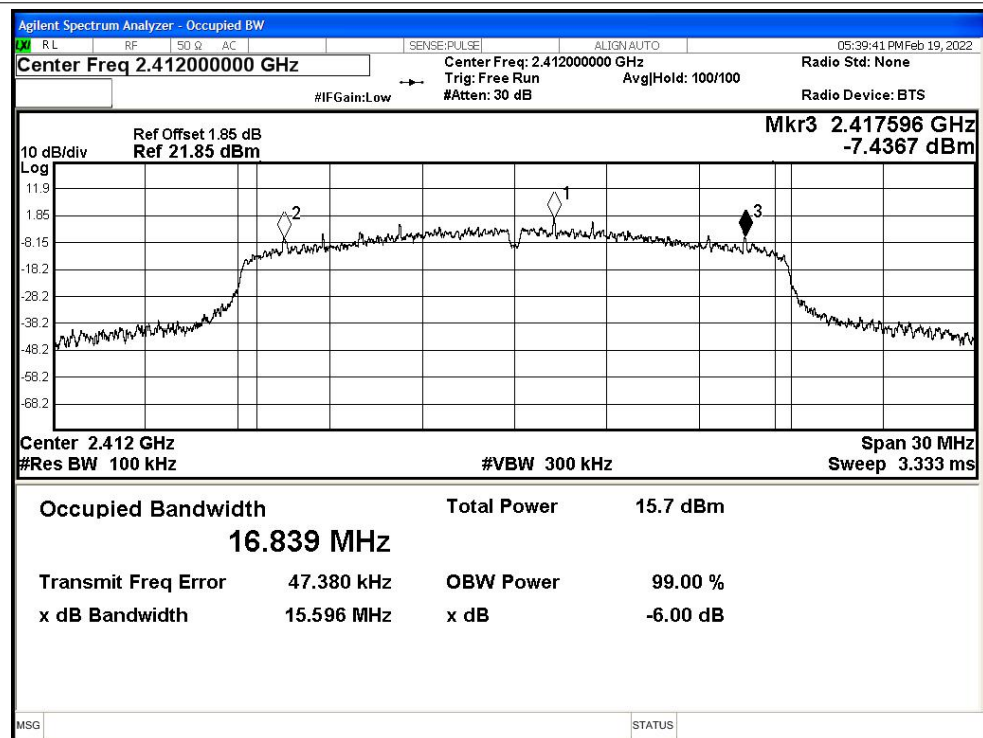


6dB Bandwidth NVNT g 2462MHz Ant1

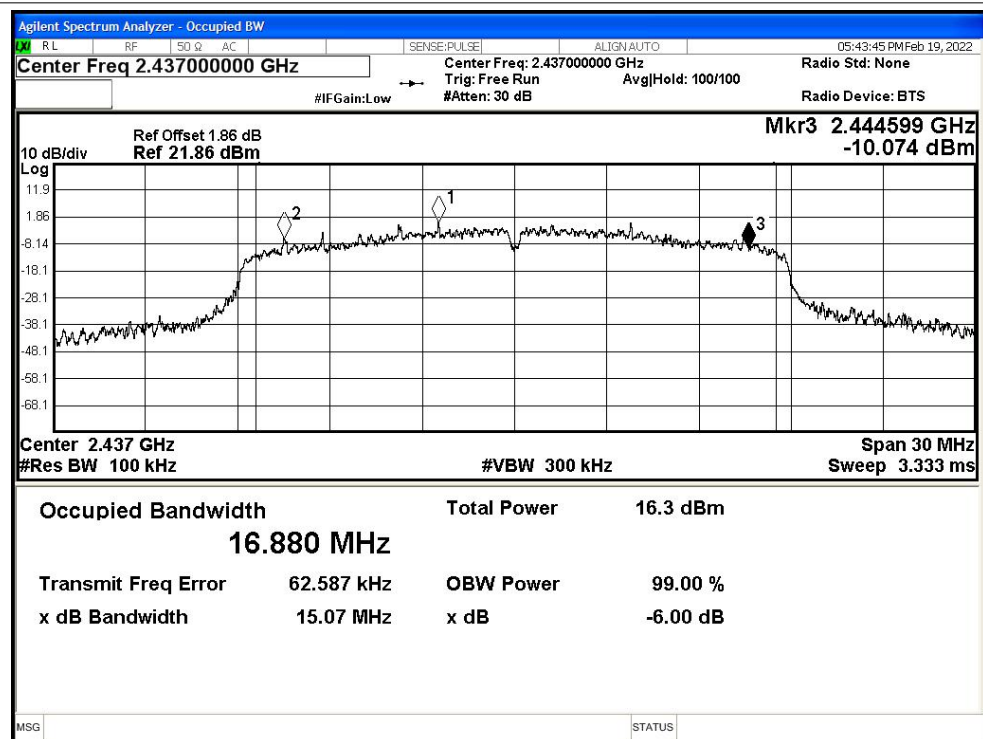




6dB Bandwidth NVNT n20 2412MHz Ant1

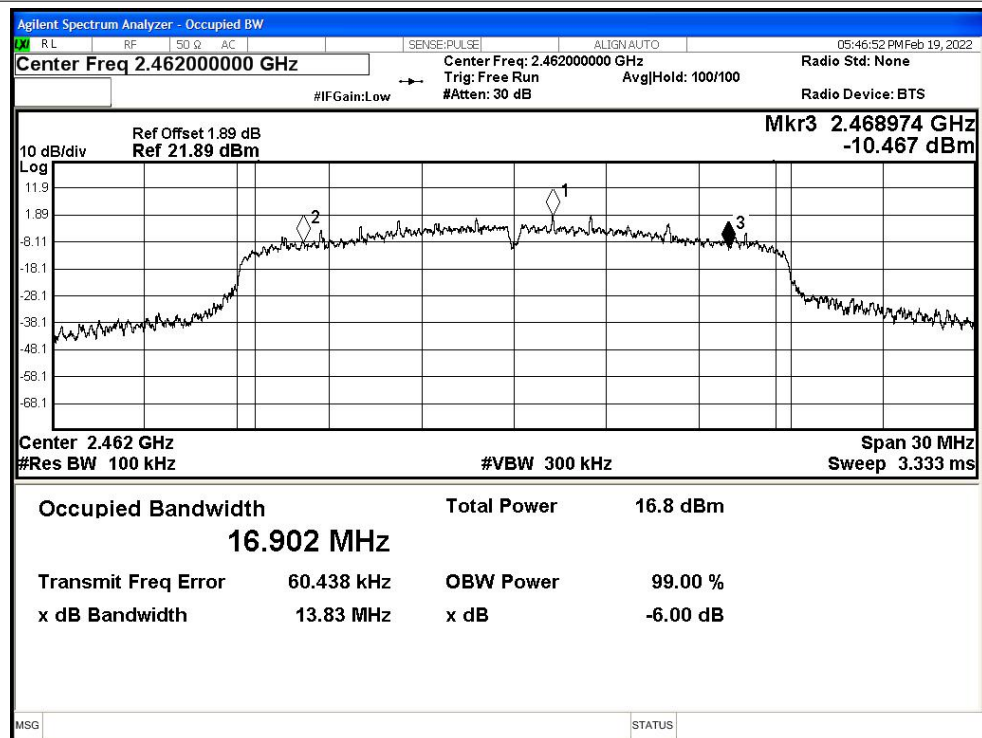


6dB Bandwidth NVNT n20 2437MHz Ant1

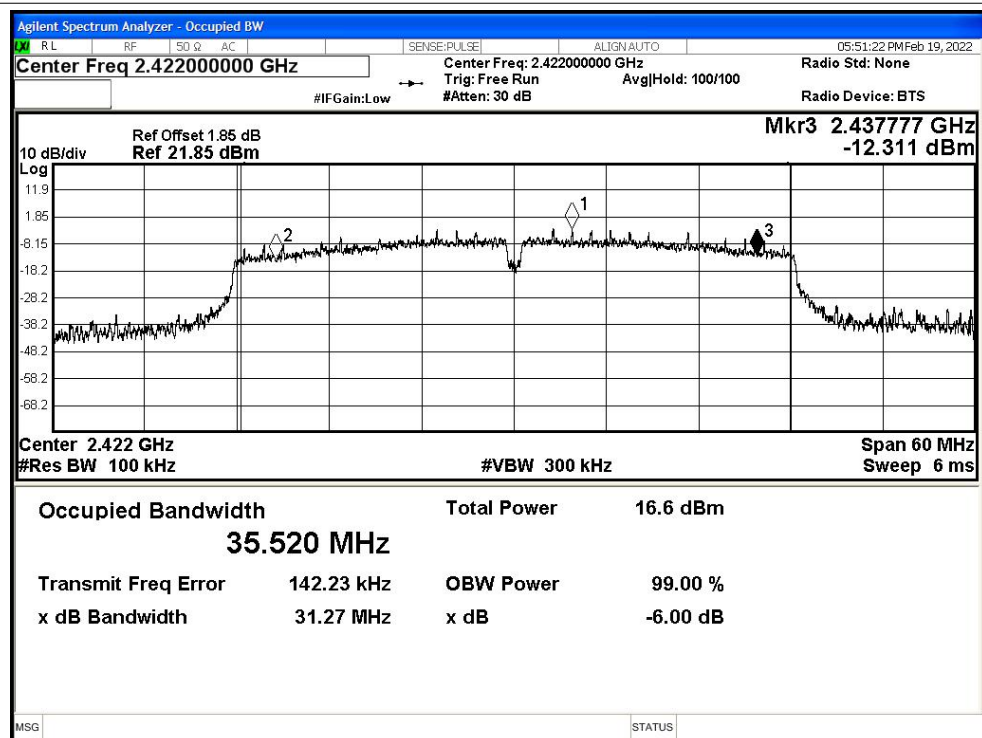




6dB Bandwidth NVNT n20 2462MHz Ant1

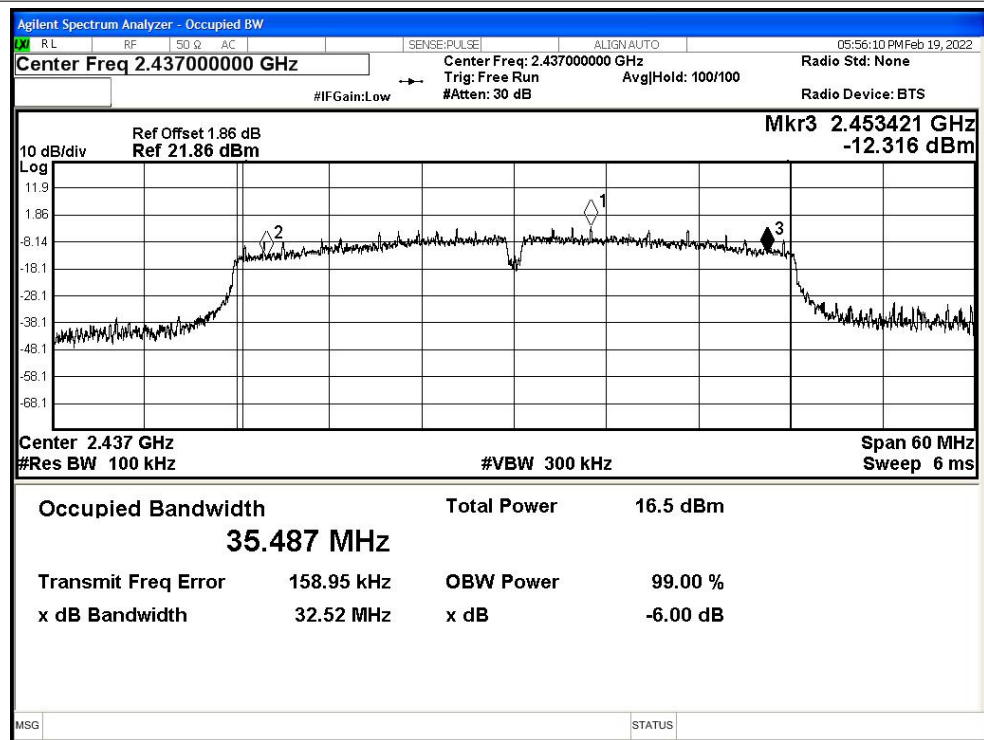


6dB Bandwidth NVNT n40 2422MHz Ant1

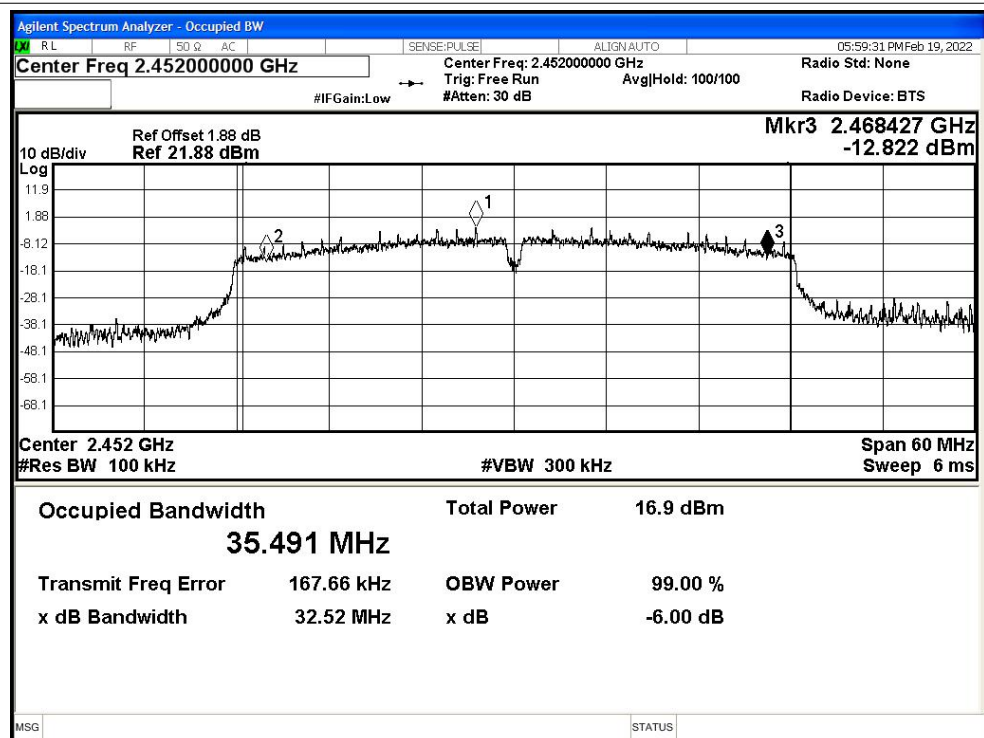




6dB Bandwidth NVNT n40 2437MHz Ant1



6dB Bandwidth NVNT n40 2452MHz Ant1





C.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	15.93	30	Pass
NVNT	b	2437	Ant1	16.58	30	Pass
NVNT	b	2462	Ant1	16.93	30	Pass
NVNT	g	2412	Ant1	15.55	30	Pass
NVNT	g	2437	Ant1	15.97	30	Pass
NVNT	g	2462	Ant1	16.56	30	Pass
NVNT	n20	2412	Ant1	14.25	30	Pass
NVNT	n20	2437	Ant1	15.03	30	Pass
NVNT	n20	2462	Ant1	15.33	30	Pass
NVNT	n40	2422	Ant1	15.01	30	Pass
NVNT	n40	2437	Ant1	14.96	30	Pass
NVNT	n40	2452	Ant1	15.36	30	Pass



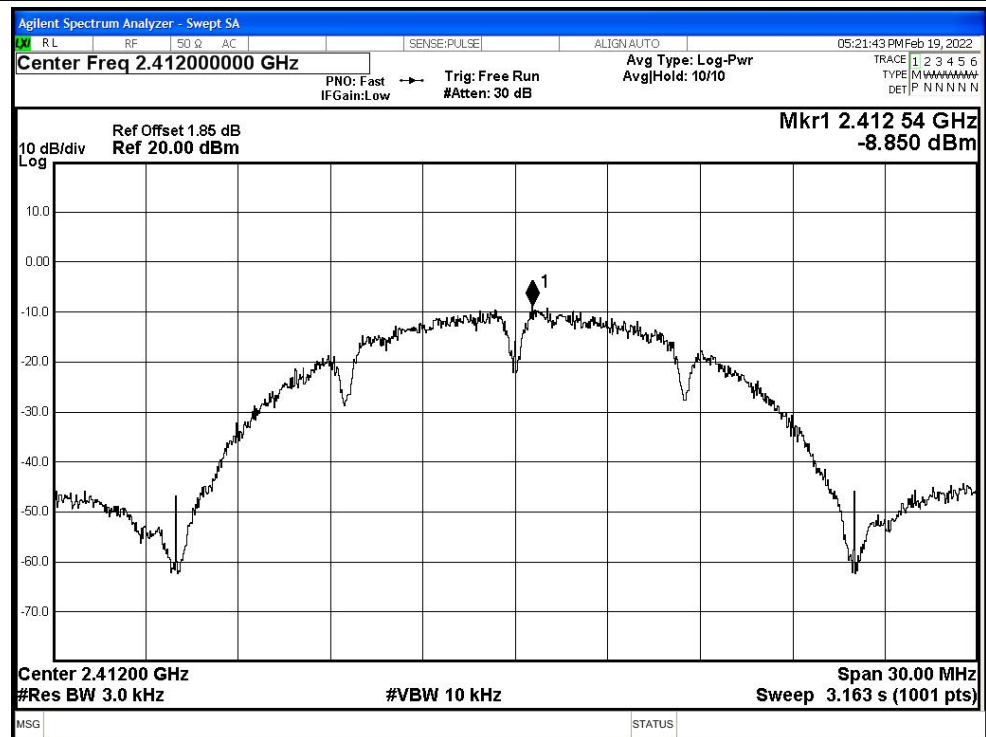
C.3 Maximum power spectral density

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-8.85	0	-8.85	8	Pass
NVNT	b	2437	Ant1	-7.63	0	-7.63	8	Pass
NVNT	b	2462	Ant1	-7.67	0	-7.67	8	Pass
NVNT	g	2412	Ant1	-11.91	0	-11.91	8	Pass
NVNT	g	2437	Ant1	-11.43	0	-11.43	8	Pass
NVNT	g	2462	Ant1	-10.9	0	-10.9	8	Pass
NVNT	n20	2412	Ant1	-13.05	0	-13.05	8	Pass
NVNT	n20	2437	Ant1	-12.26	0	-12.26	8	Pass
NVNT	n20	2462	Ant1	-12.68	0	-12.68	8	Pass
NVNT	n40	2422	Ant1	-15.51	0	-15.51	8	Pass
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NVNT	n40	2452	Ant1	-15.29	0	-15.29	8	Pass

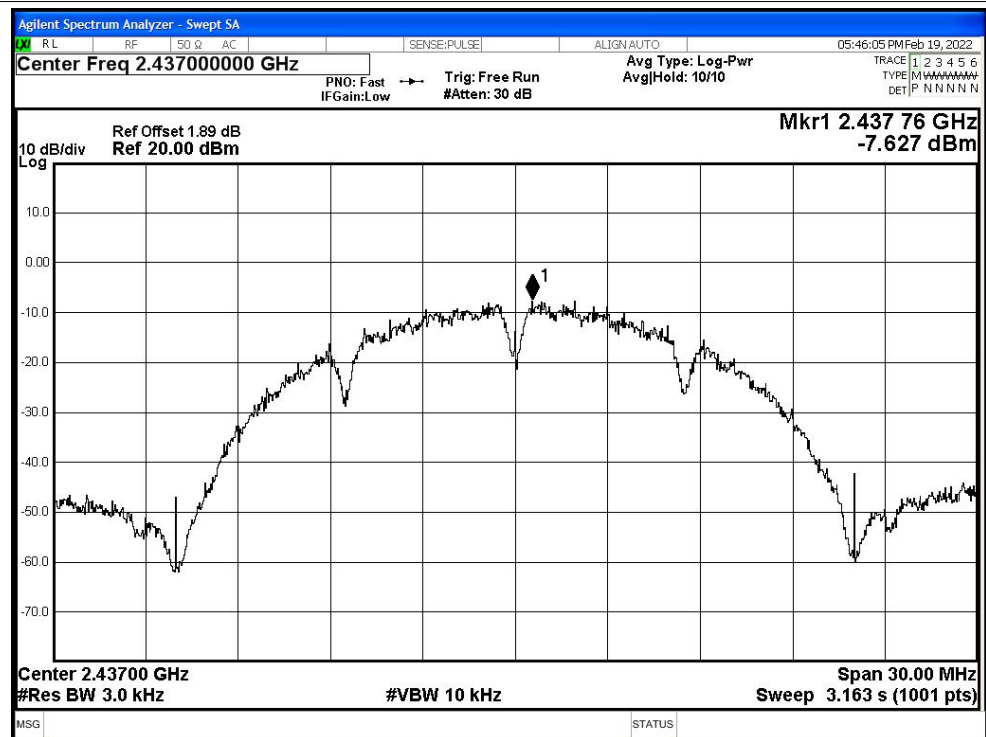


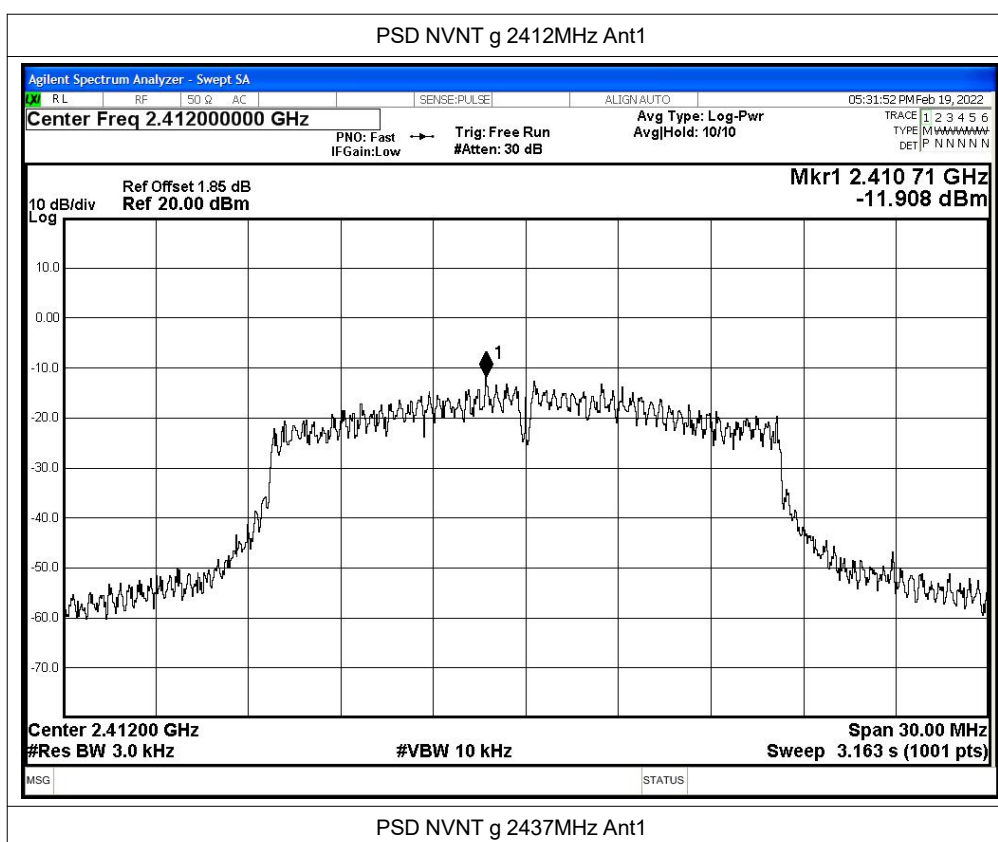
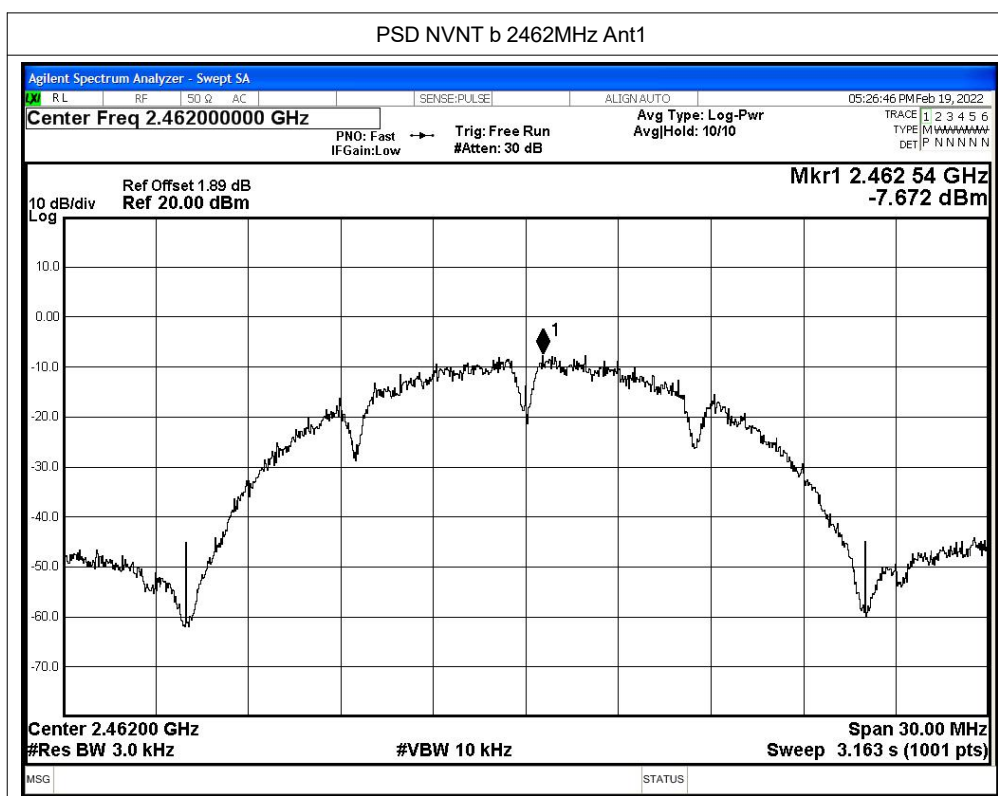
Test Graphs

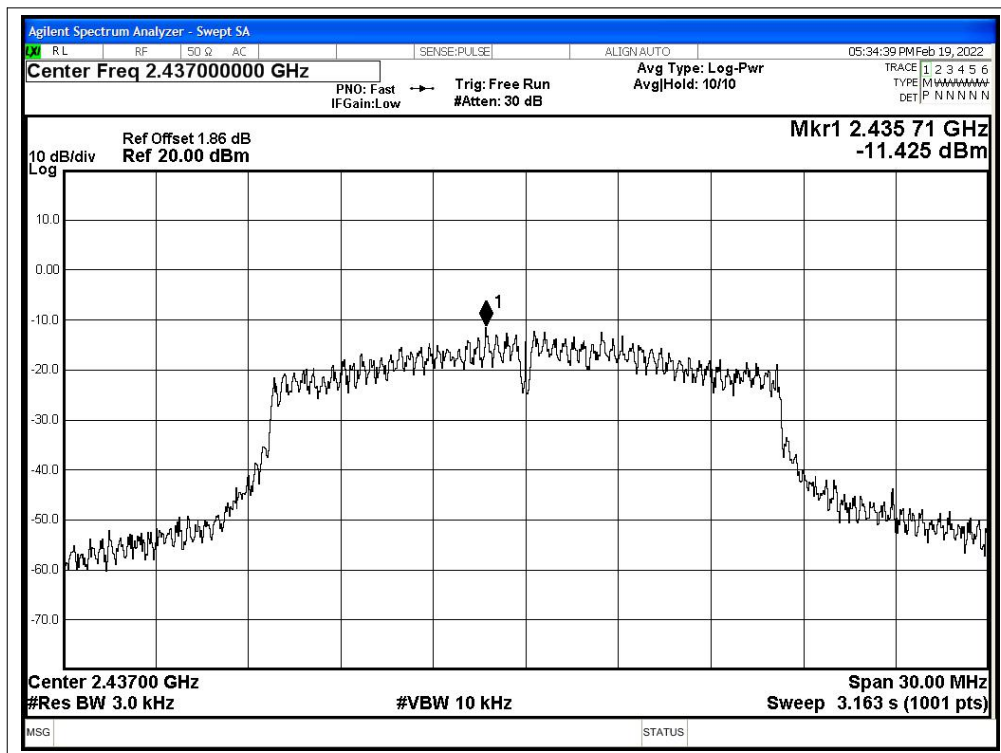
PSD NVNT b 2412MHz Ant1



PSD NVNT b 2437MHz Ant1

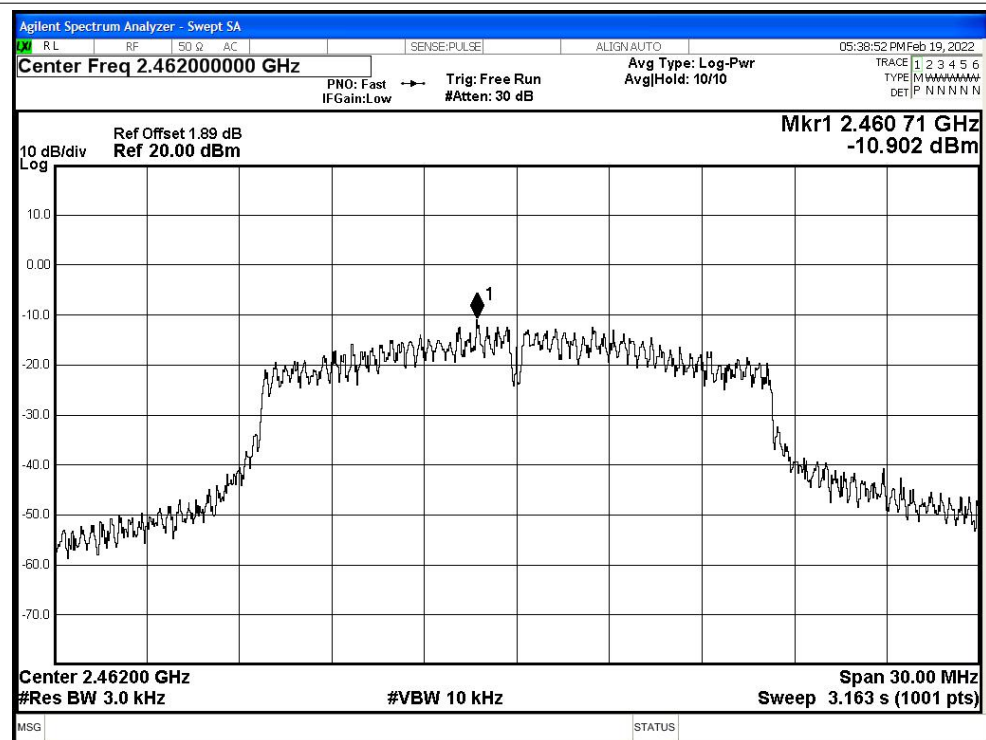




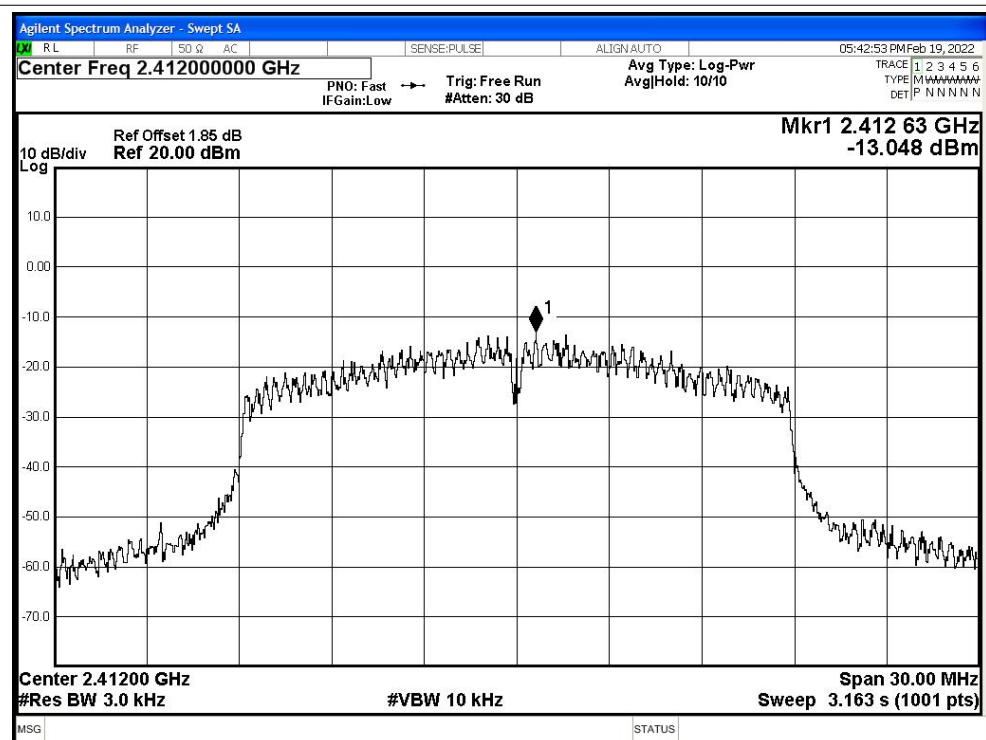




PSD NVNT g 2462MHz Ant1

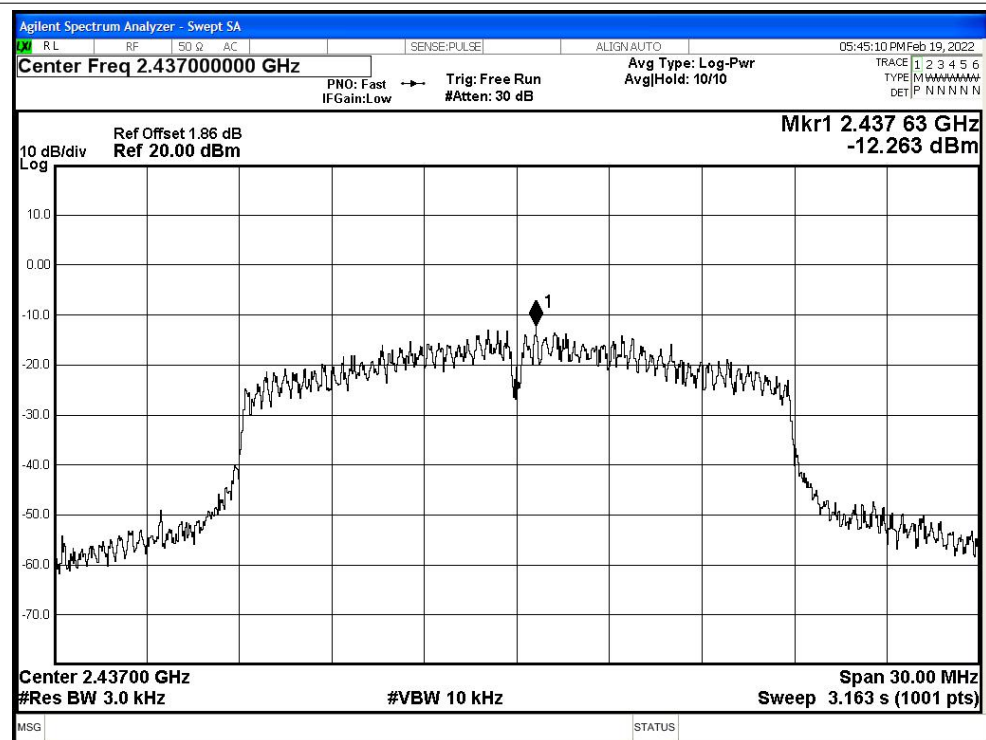


PSD NVNT n20 2412MHz Ant1

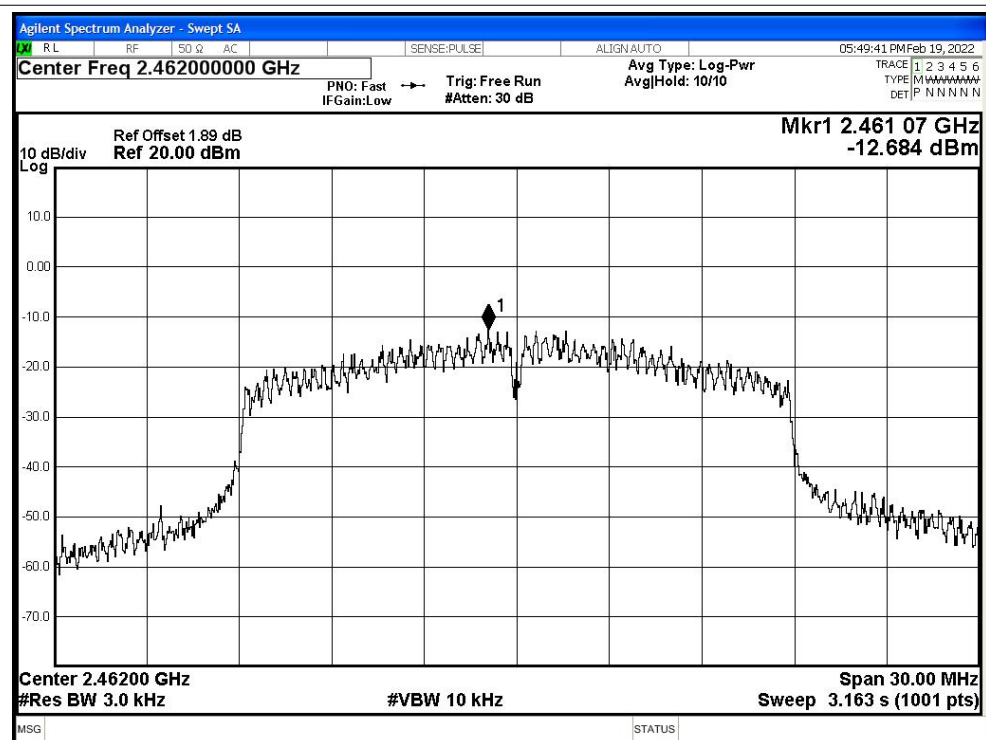




PSD NVNT n20 2437MHz Ant1

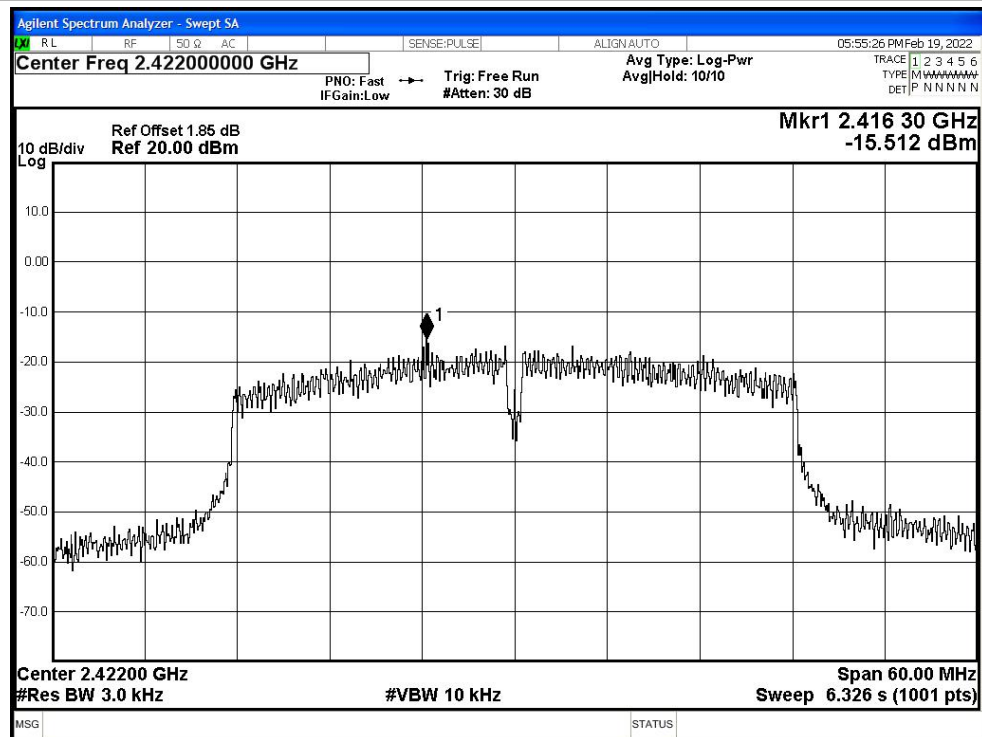


PSD NVNT n20 2462MHz Ant1

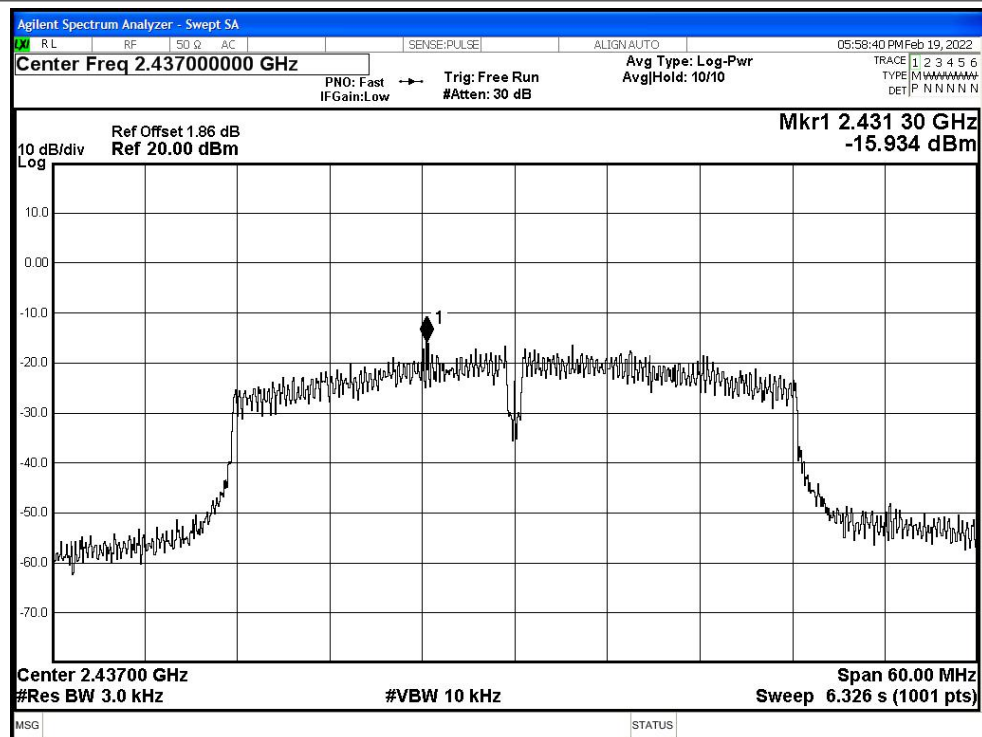


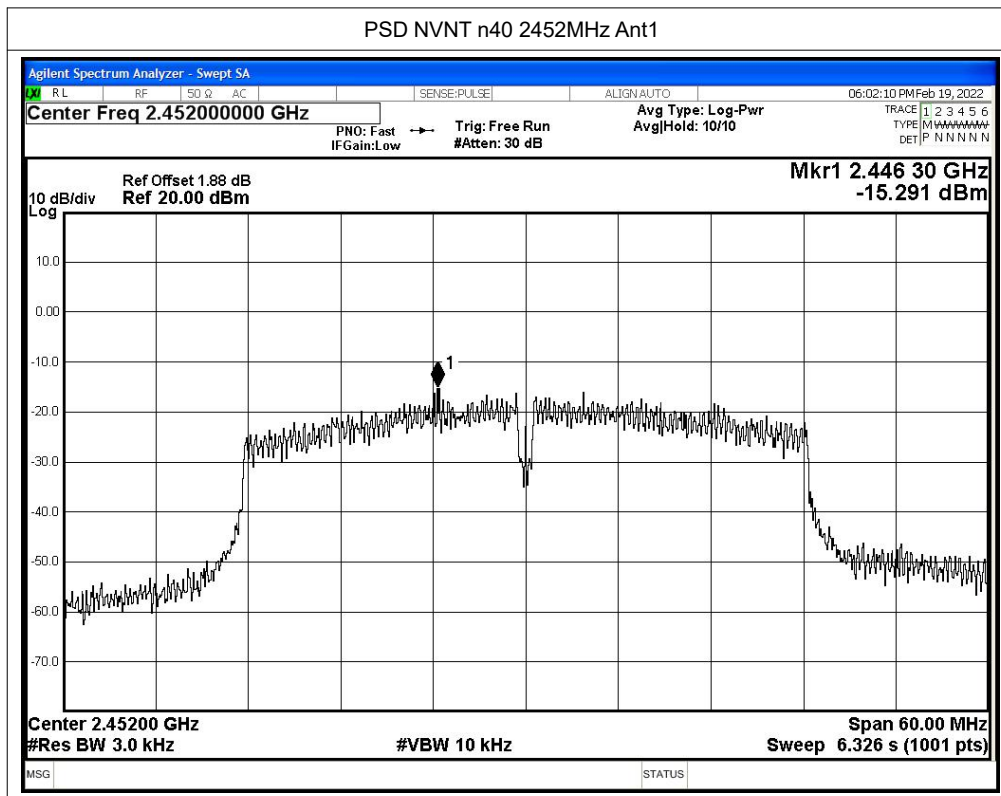


PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2437MHz Ant1







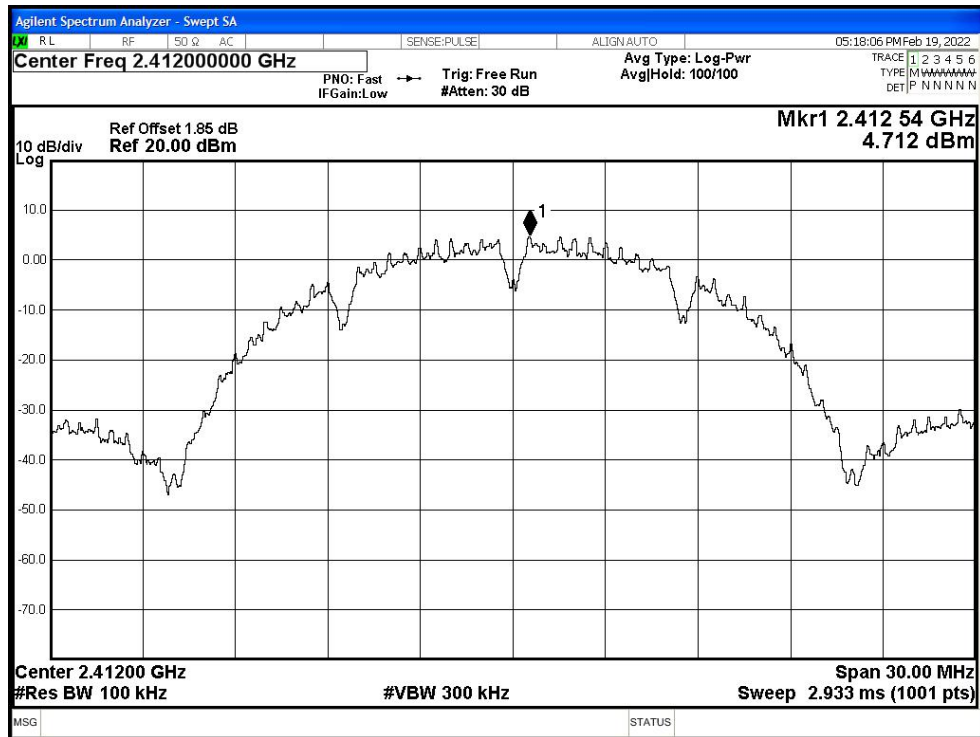
C.4 Band edge measurements

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-36.61	-20	Pass
NVNT	b	2462	Ant1	-58.32	-20	Pass
NVNT	g	2412	Ant1	-37.94	-20	Pass
NVNT	g	2462	Ant1	-46.24	-20	Pass
NVNT	n20	2412	Ant1	-39.67	-20	Pass
NVNT	n20	2462	Ant1	-47.56	-20	Pass
NVNT	n40	2422	Ant1	-32.66	-20	Pass
NVNT	n40	2452	Ant1	-32.64	-20	Pass

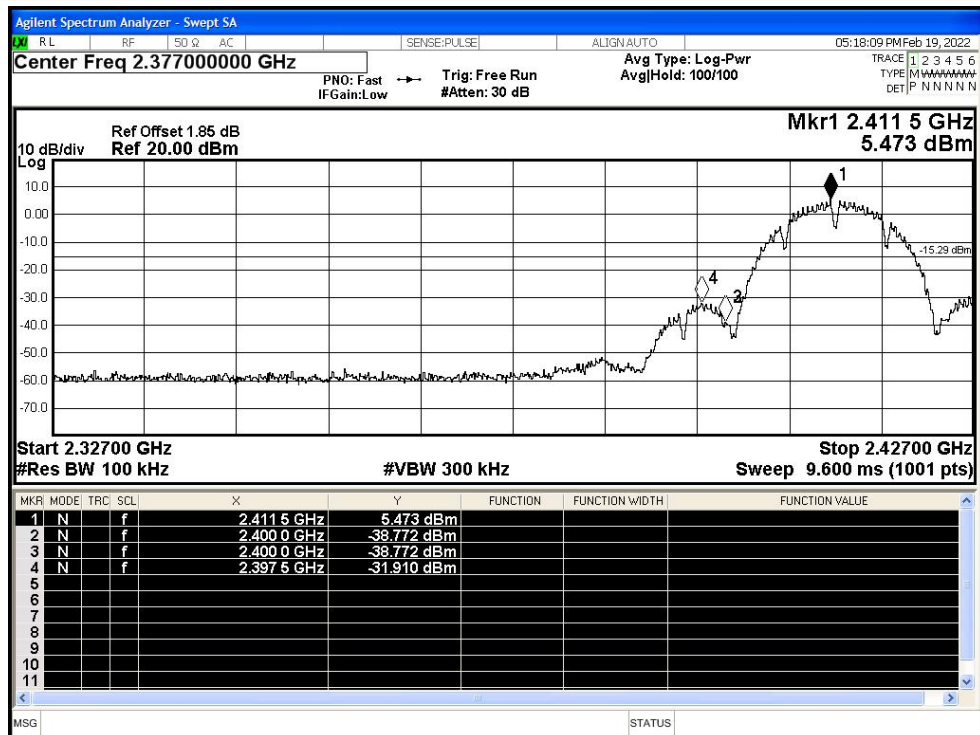


Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref

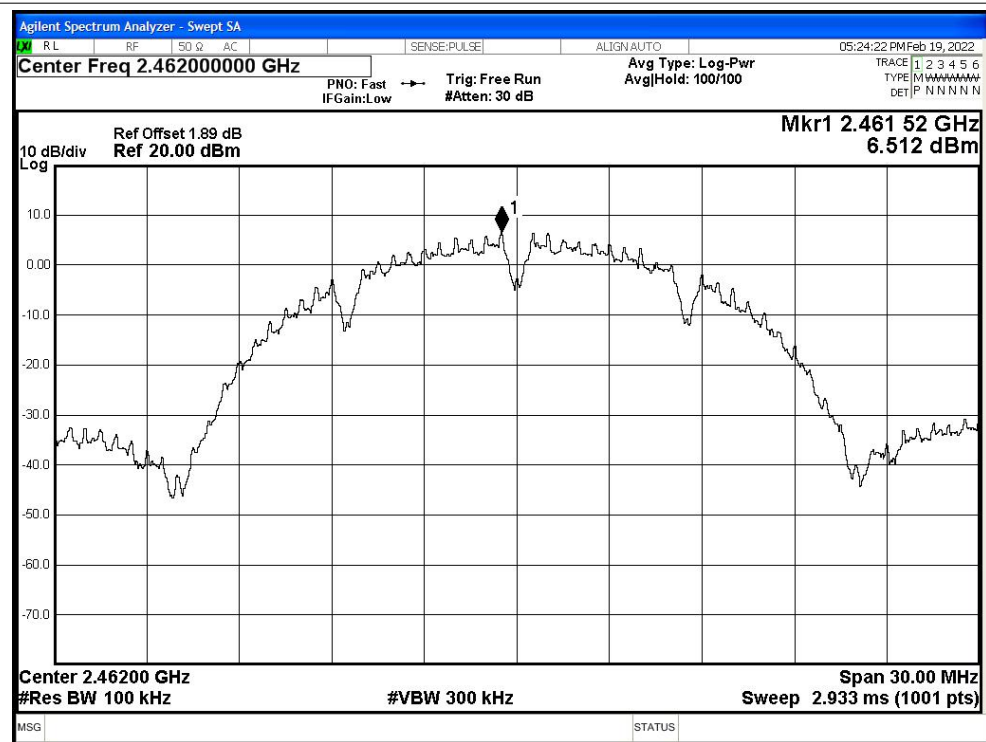


Band Edge NVNT b 2412MHz Ant1 Emission





Band Edge NVNT b 2462MHz Ant1 Ref

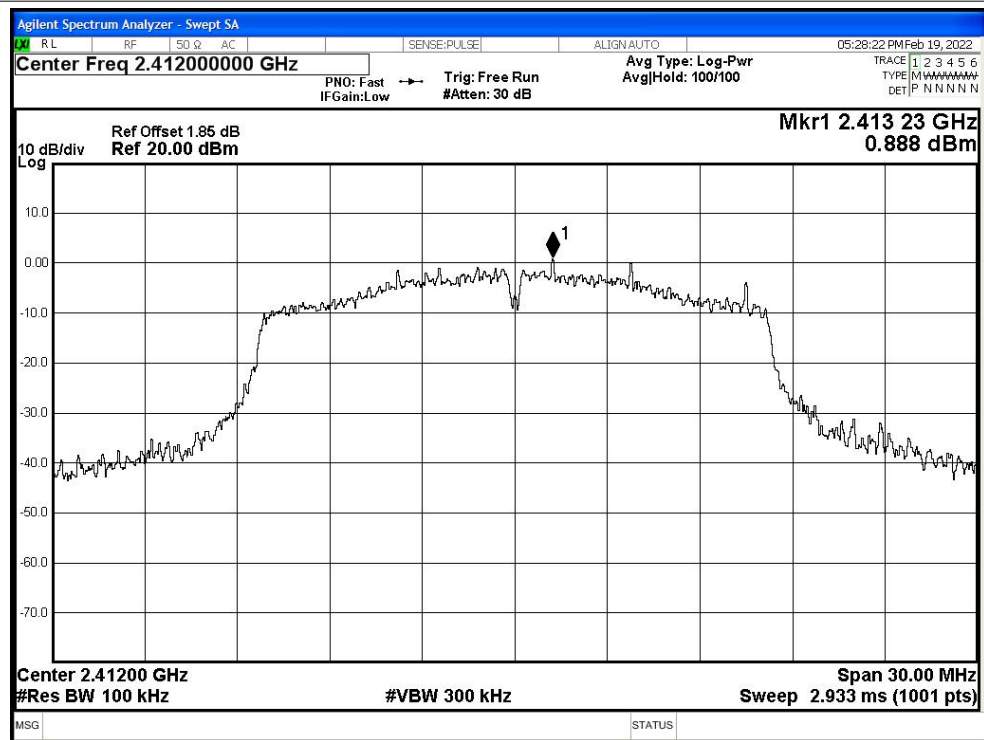


Band Edge NVNT b 2462MHz Ant1 Emission

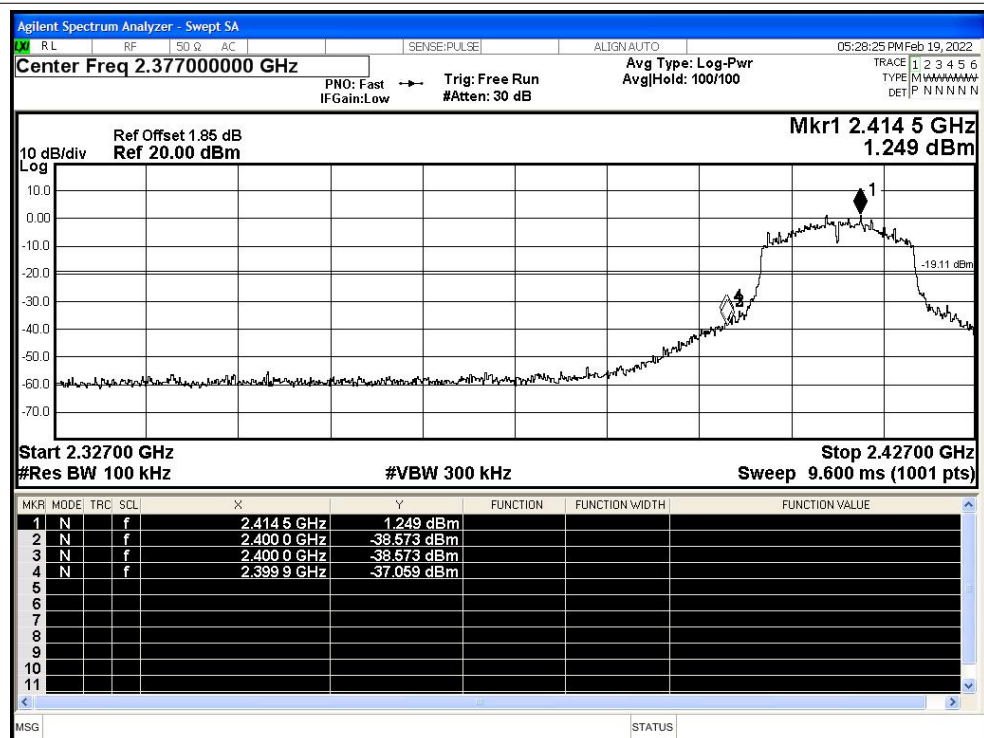




Band Edge NVNT g 2412MHz Ant1 Ref

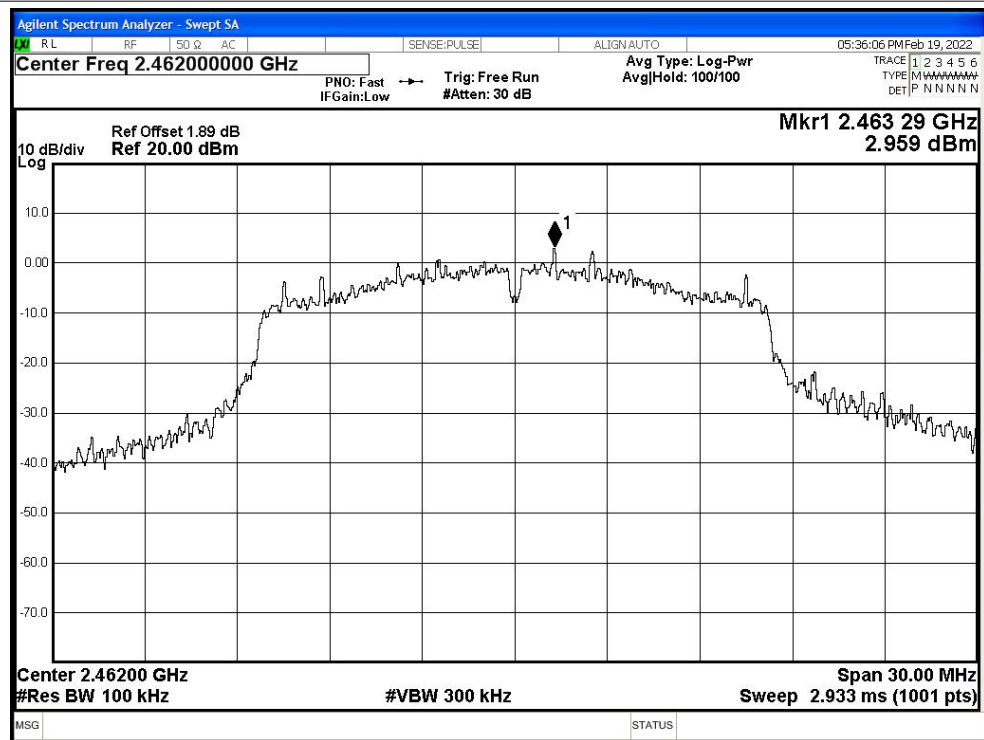


Band Edge NVNT g 2412MHz Ant1 Emission

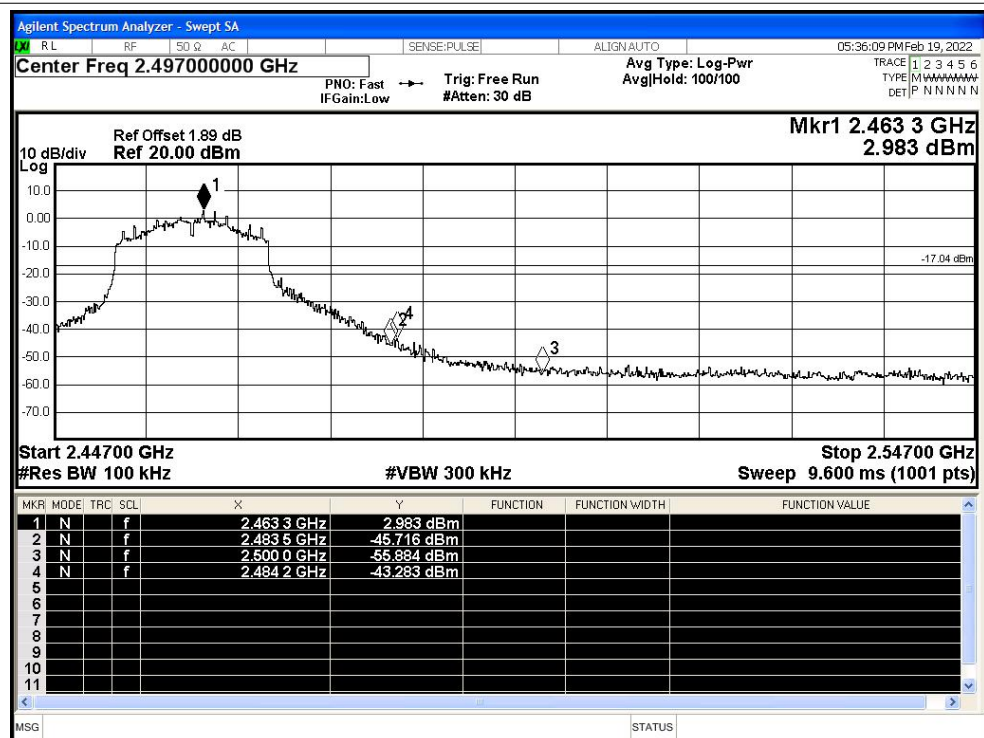




Band Edge NVNT g 2462MHz Ant1 Ref

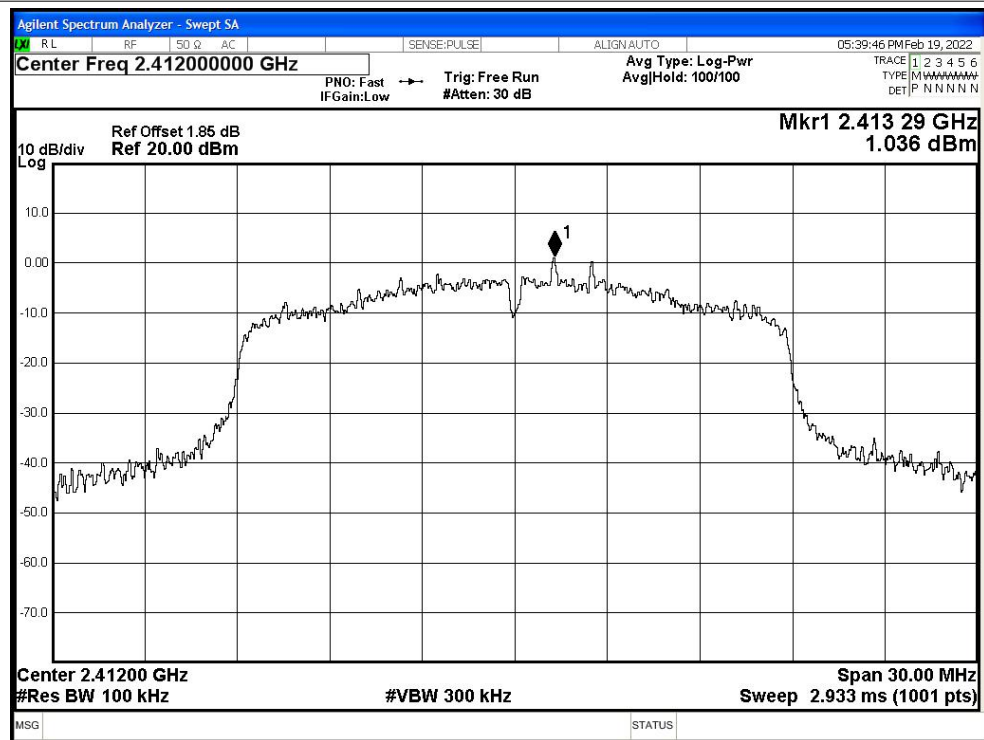


Band Edge NVNT g 2462MHz Ant1 Emission

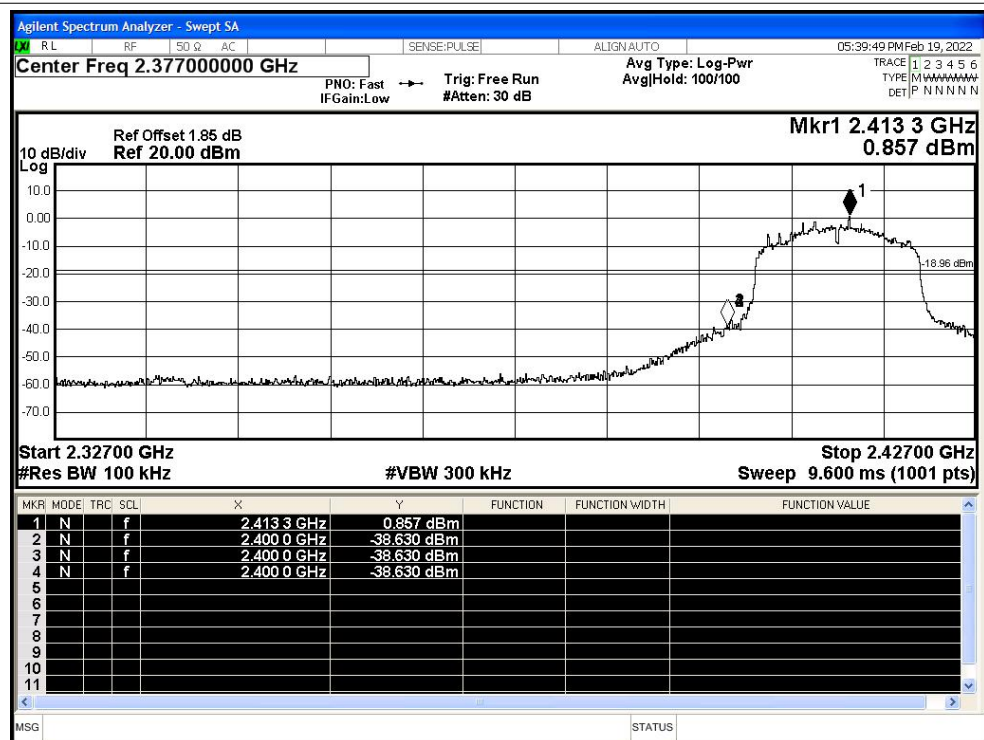




Band Edge NVNT n20 2412MHz Ant1 Ref

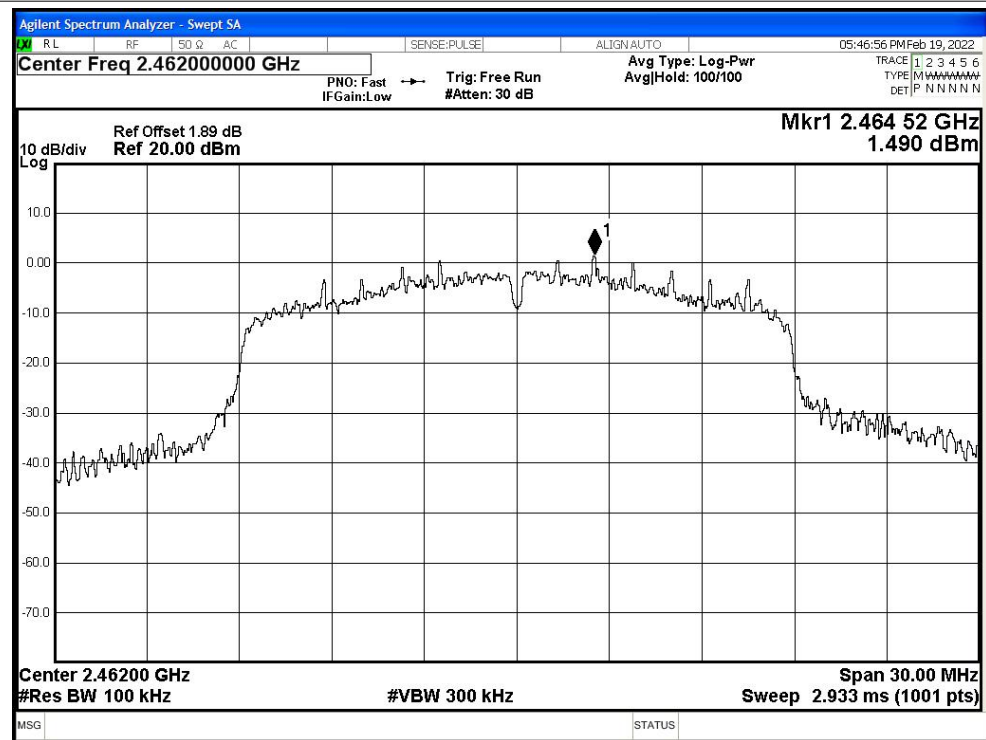


Band Edge NVNT n20 2412MHz Ant1 Emission





Band Edge NVNT n20 2462MHz Ant1 Ref



Band Edge NVNT n20 2462MHz Ant1 Emission

