



Appendix A

RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: WiFi Range Extender

Test Model: RE1800

Environmental Conditions

Temperature:	23.5 ° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	 Kay Hu
Supervised by:	 Li Huan



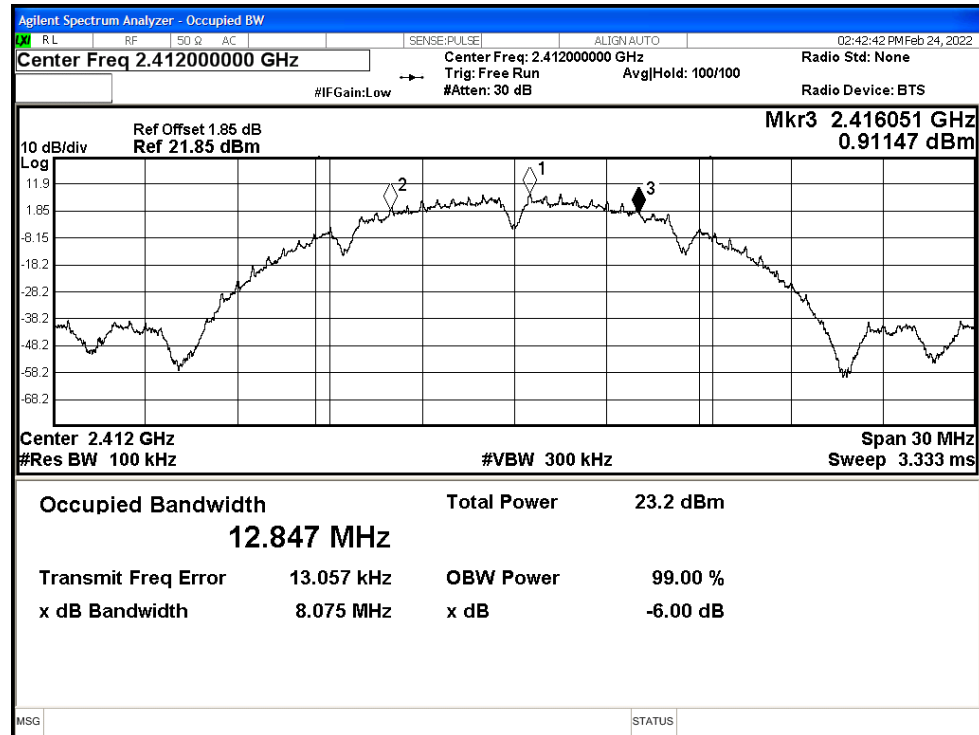
A.1 -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant0	8.075	0.5	Pass
NVNT	b	2437	Ant0	8.093	0.5	Pass
NVNT	b	2462	Ant0	8.078	0.5	Pass
NVNT	g	2412	Ant0	15.915	0.5	Pass
NVNT	g	2437	Ant0	15.049	0.5	Pass
NVNT	g	2462	Ant0	15.083	0.5	Pass
NVNT	n20	2412	Ant0	13.814	0.5	Pass
NVNT	n20	2437	Ant0	14.958	0.5	Pass
NVNT	n20	2462	Ant0	16.916	0.5	Pass
NVNT	n40	2422	Ant0	36.07	0.5	Pass
NVNT	n40	2437	Ant0	36.388	0.5	Pass
NVNT	n40	2452	Ant0	36.256	0.5	Pass
NVNT	ax20	2412	Ant0	18.063	0.5	Pass
NVNT	ax20	2437	Ant0	18.773	0.5	Pass
NVNT	ax20	2462	Ant0	17.742	0.5	Pass
NVNT	ax40	2422	Ant0	36.142	0.5	Pass
NVNT	ax40	2437	Ant0	36.763	0.5	Pass
NVNT	ax40	2452	Ant0	35.087	0.5	Pass

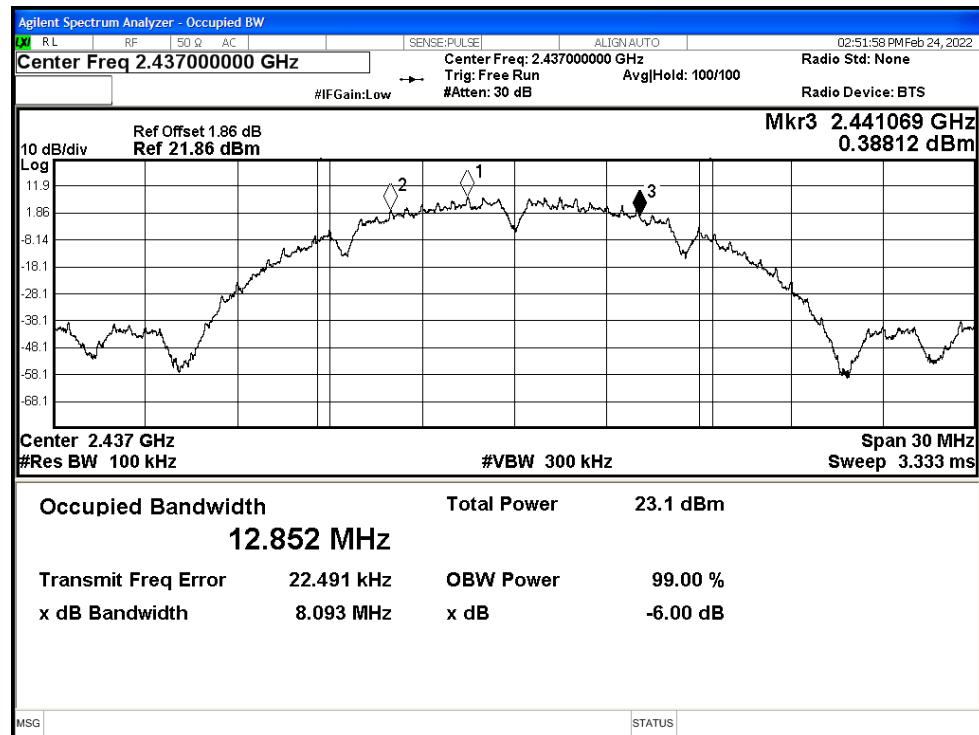


Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant0

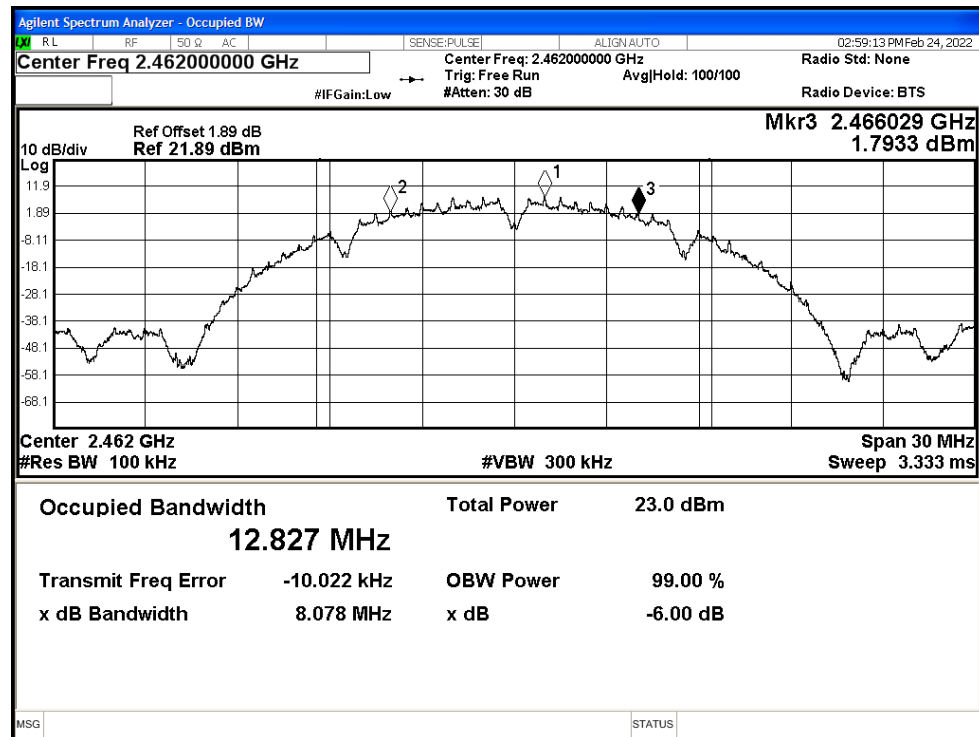


-6dB Bandwidth NVNT b 2437MHz Ant0

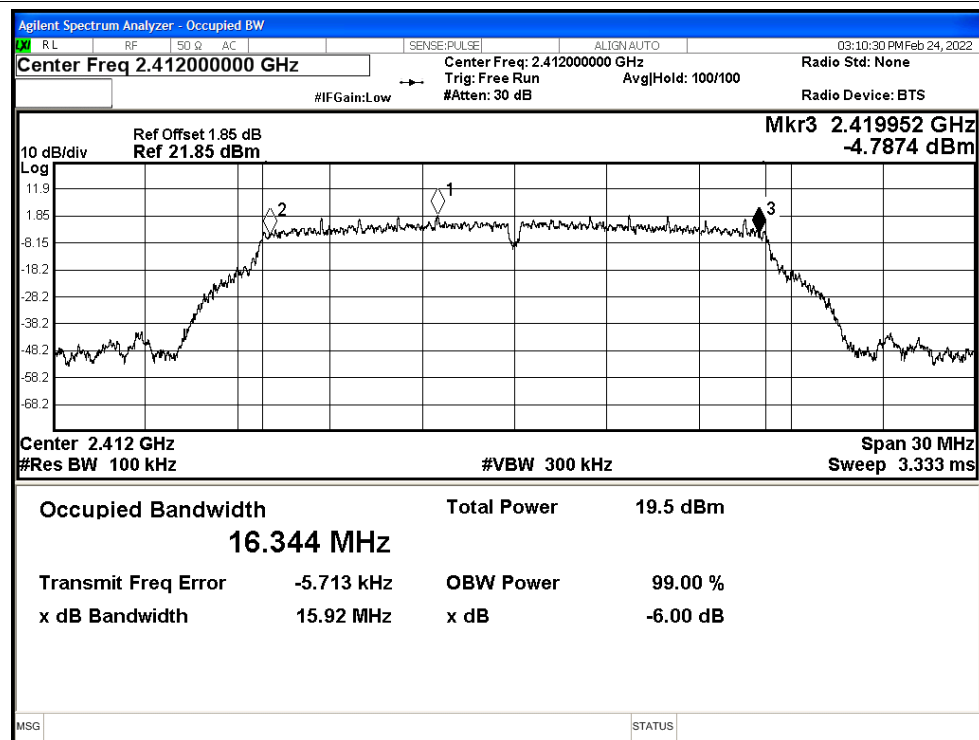




-6dB Bandwidth NVNT b 2462MHz Ant0

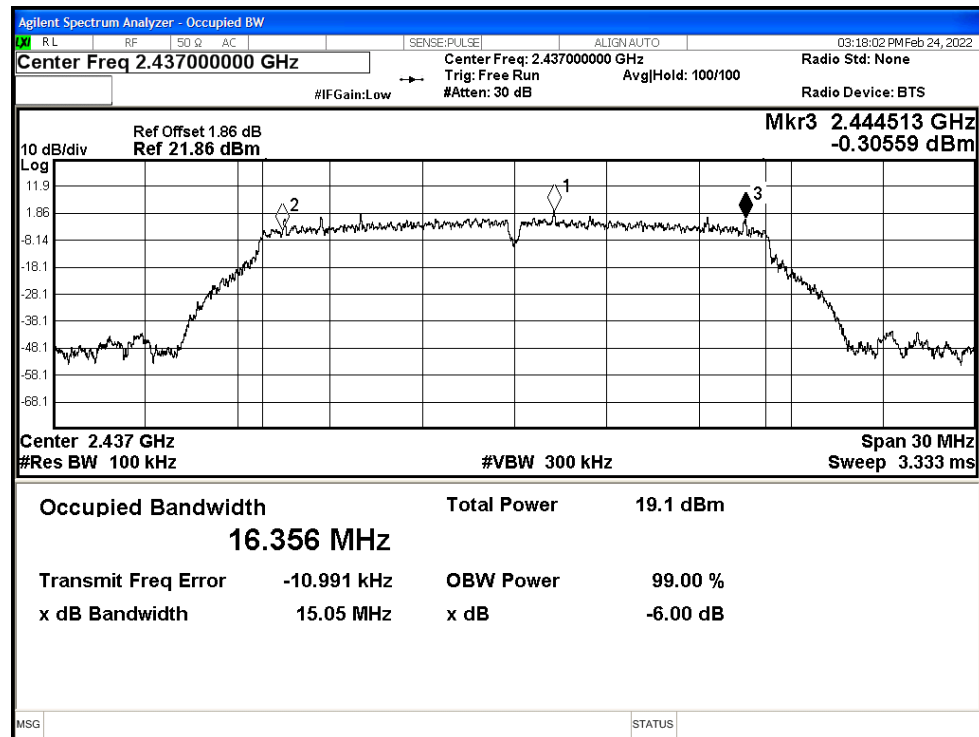


-6dB Bandwidth NVNT g 2412MHz Ant0

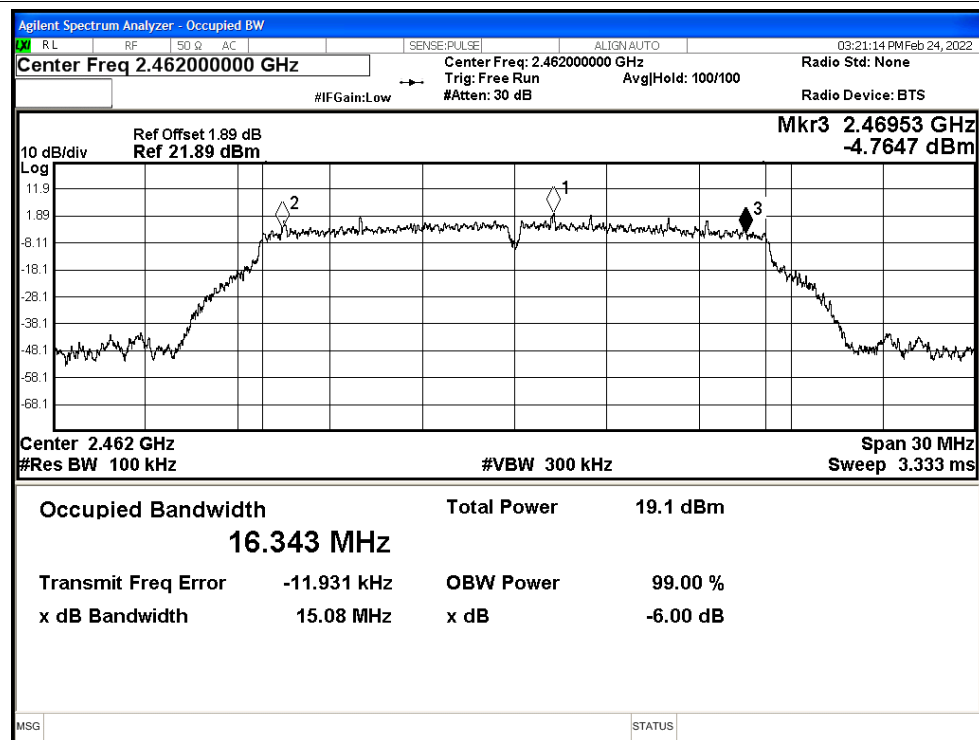




-6dB Bandwidth NVNT g 2437MHz Ant0

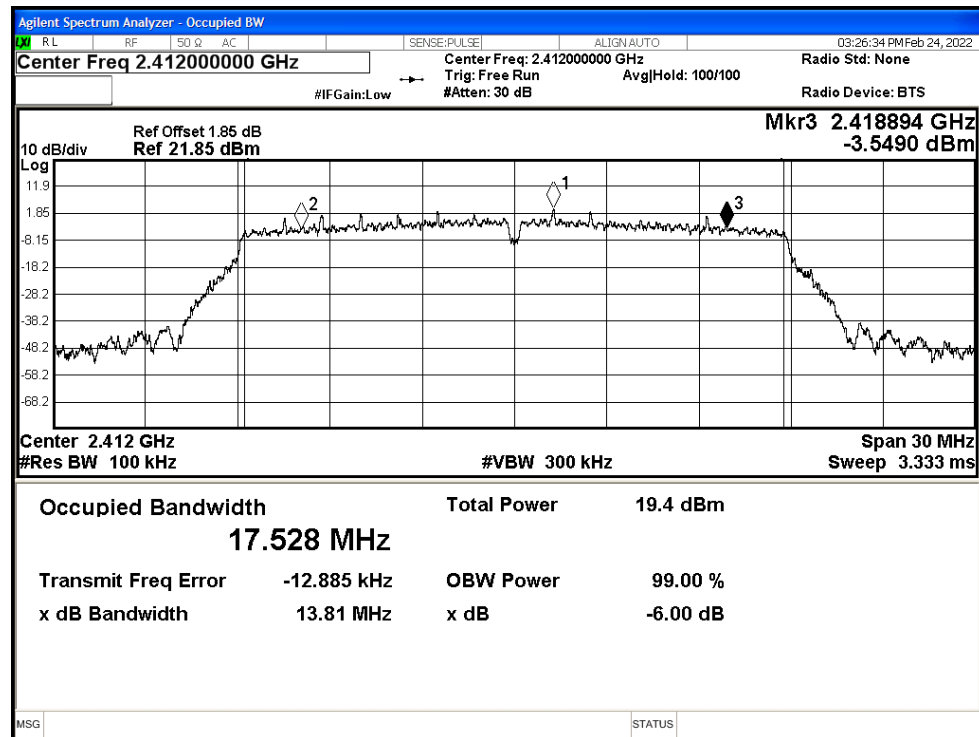


-6dB Bandwidth NVNT g 2462MHz Ant0

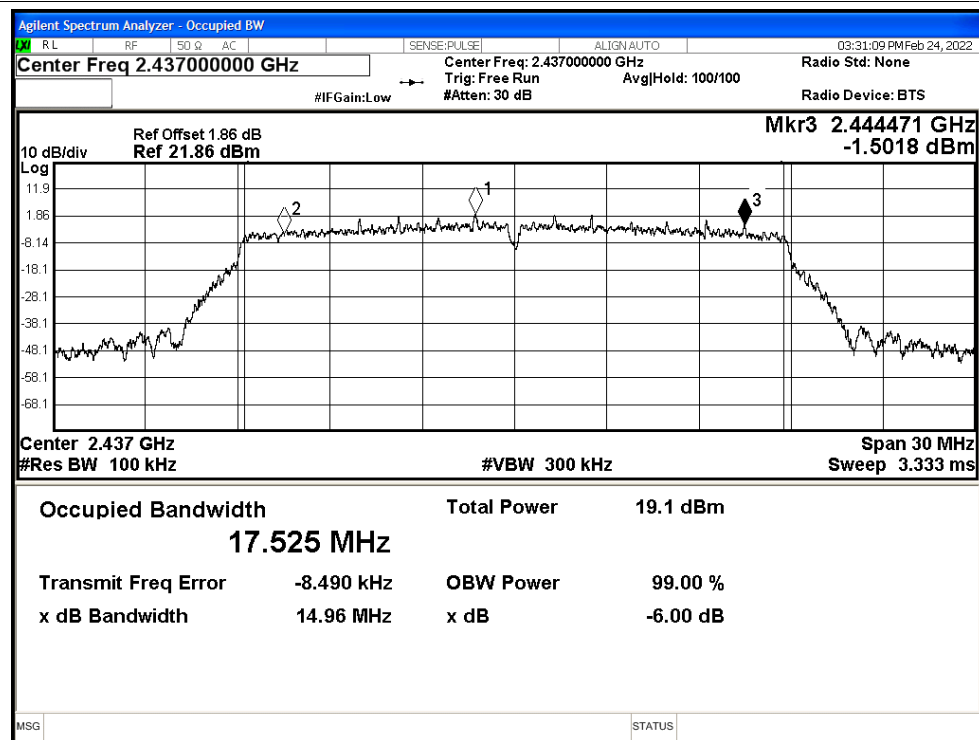




-6dB Bandwidth NVNT n20 2412MHz Ant0

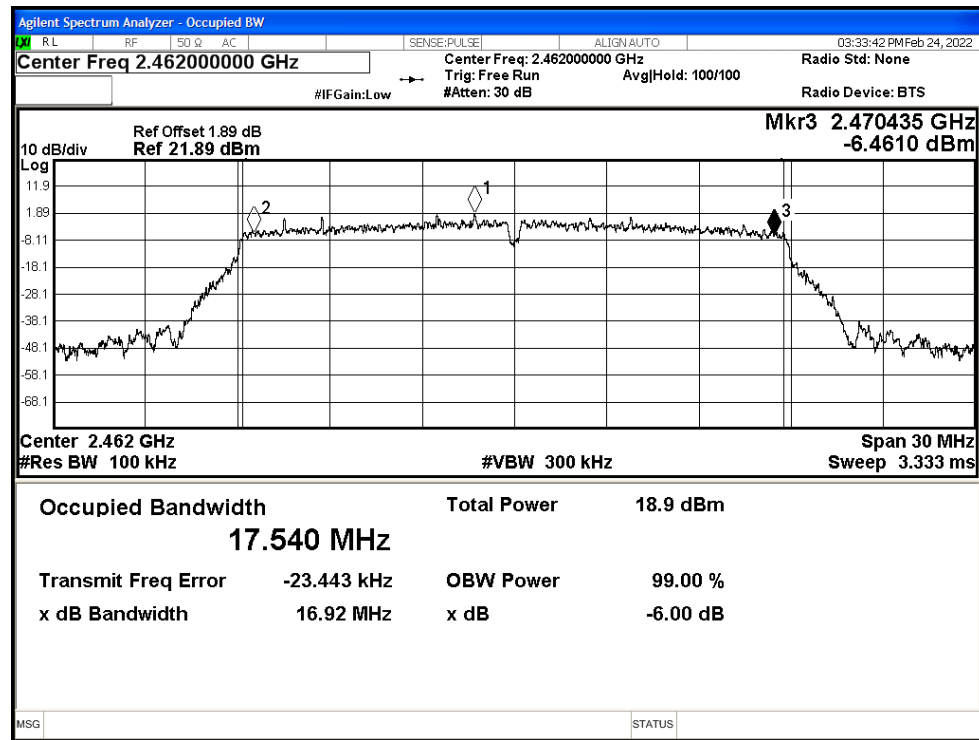


-6dB Bandwidth NVNT n20 2437MHz Ant0

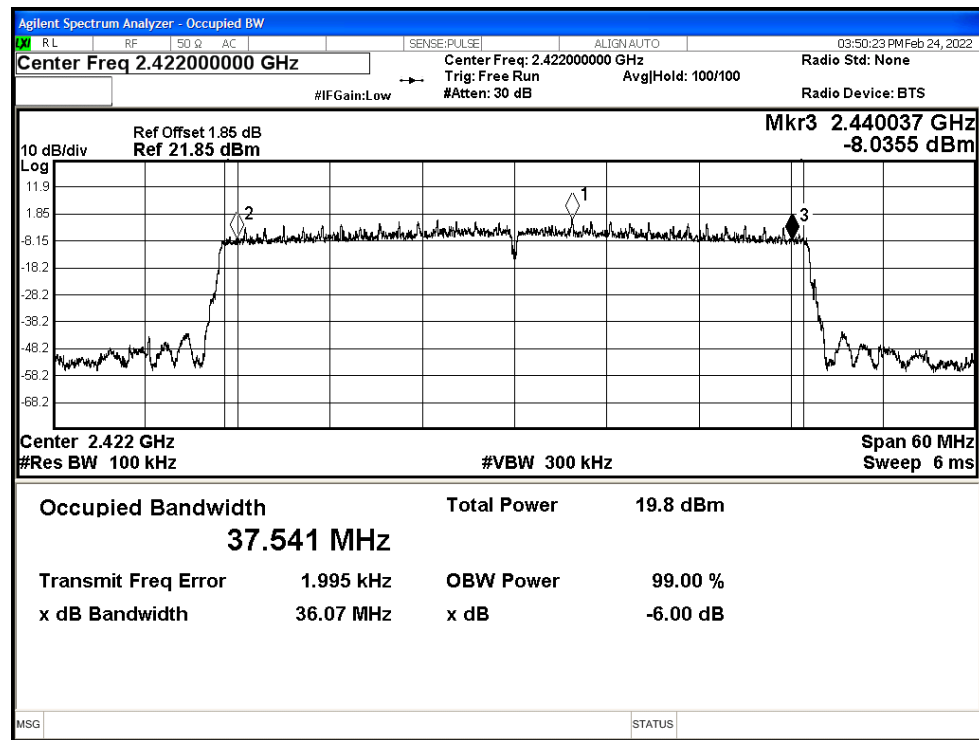




-6dB Bandwidth NVNT n20 2462MHz Ant0

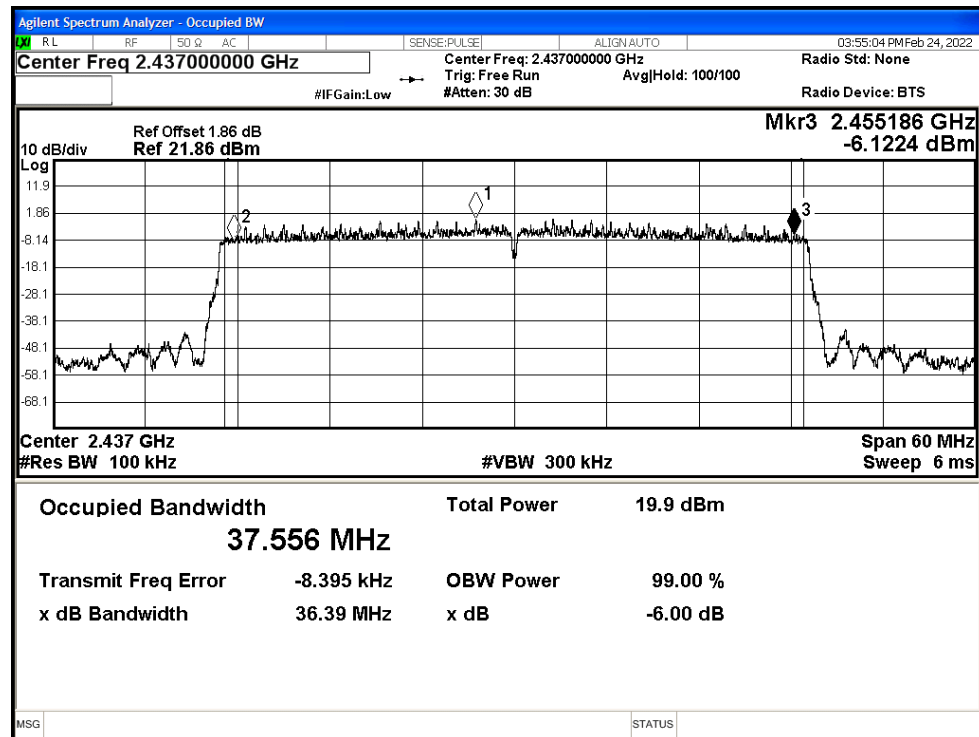


-6dB Bandwidth NVNT n40 2422MHz Ant0

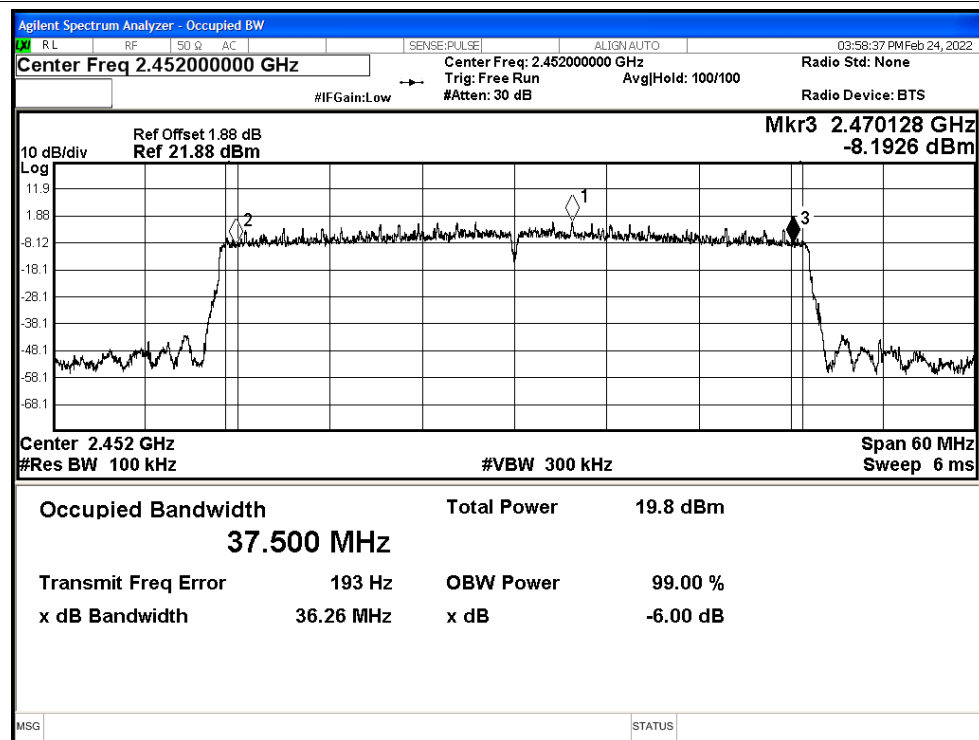




-6dB Bandwidth NVNT n40 2437MHz Ant0

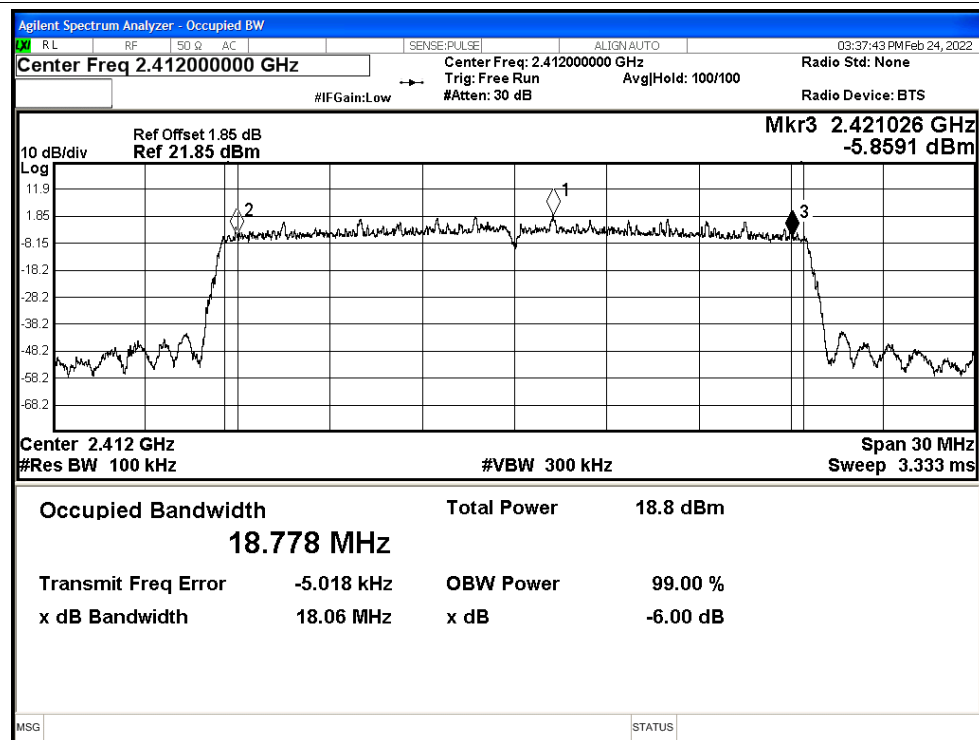


-6dB Bandwidth NVNT n40 2452MHz Ant0

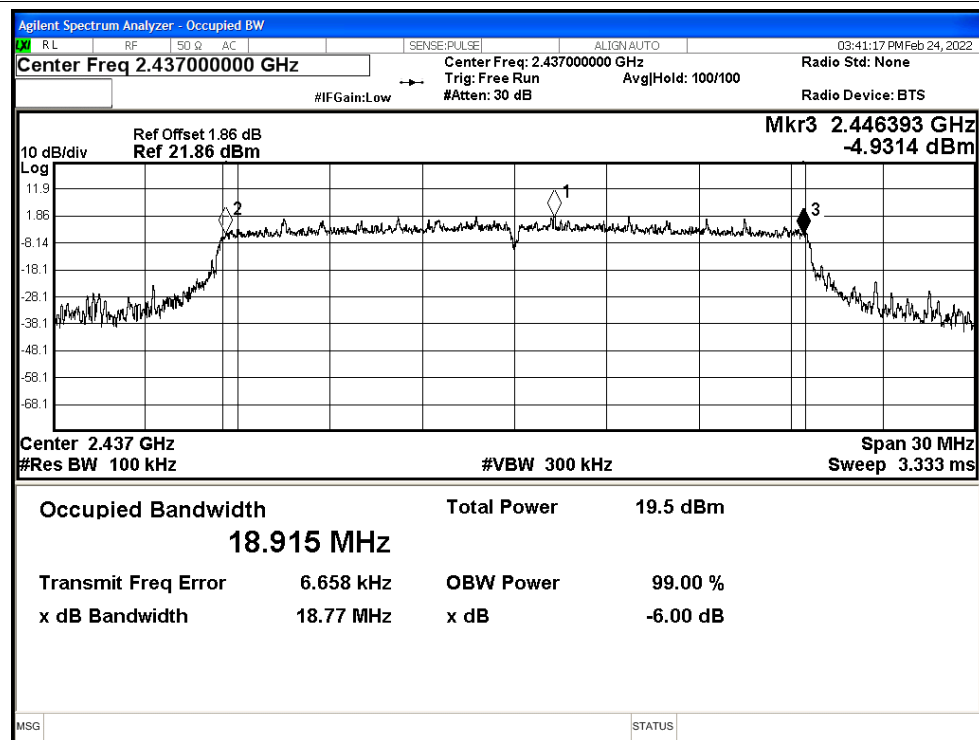




-6dB Bandwidth NVNT ax20 2412MHz Ant0

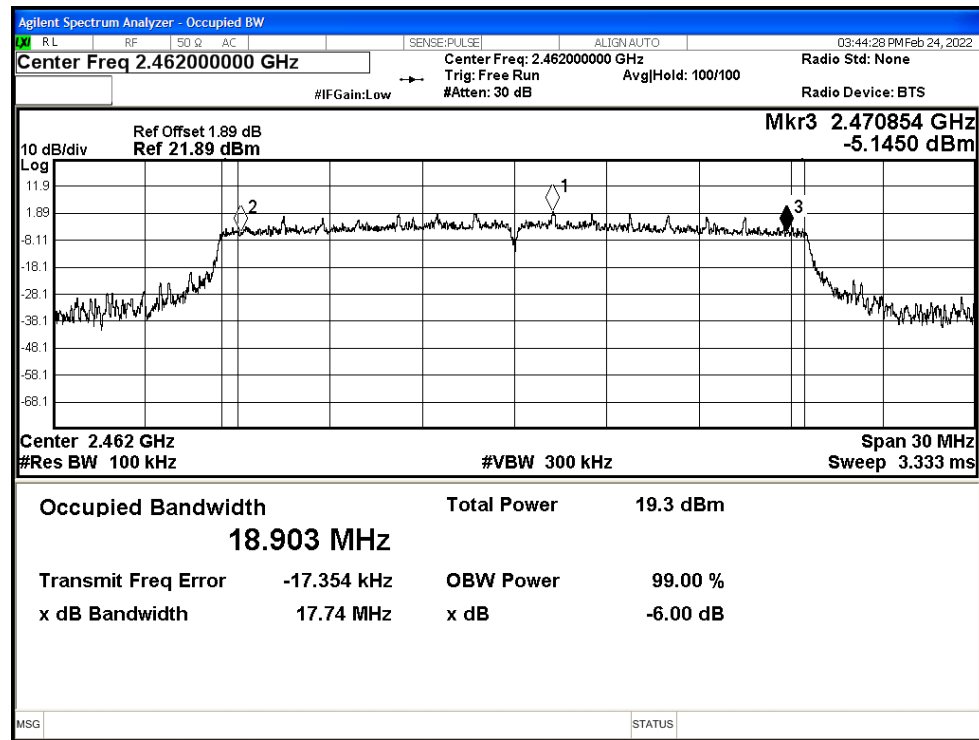


-6dB Bandwidth NVNT ax20 2437MHz Ant0

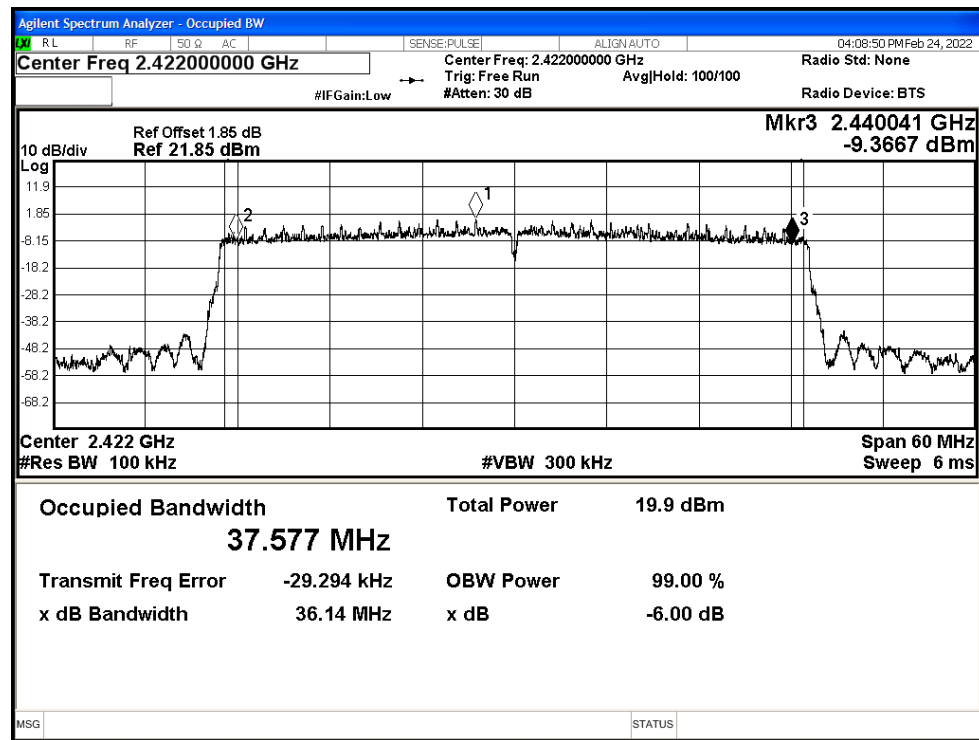




-6dB Bandwidth NVNT ax20 2462MHz Ant0

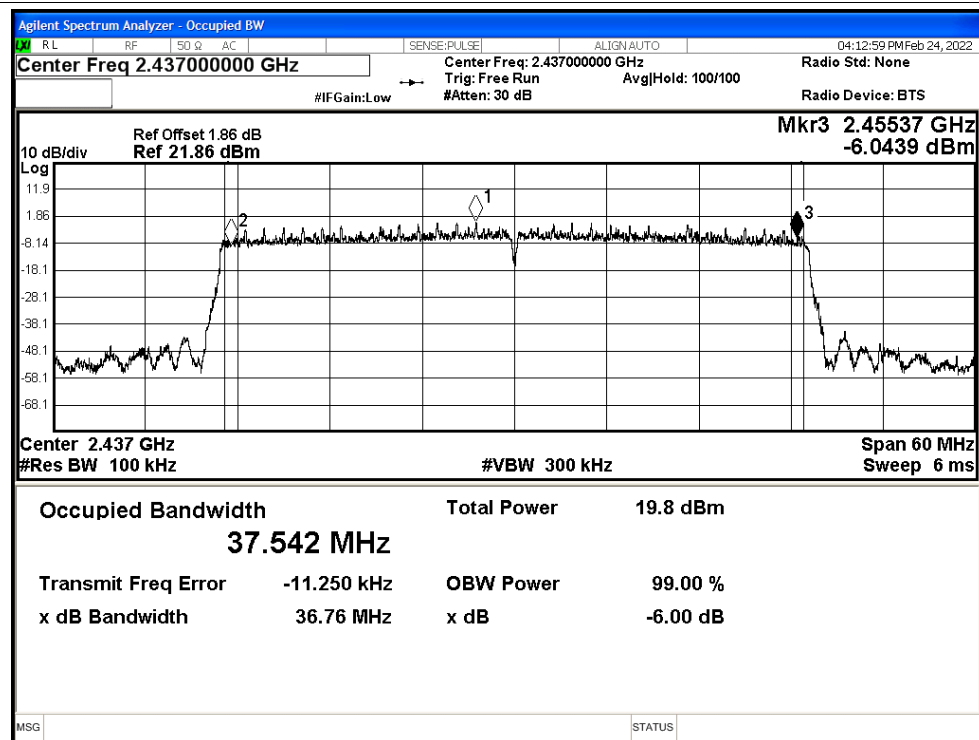


-6dB Bandwidth NVNT ax40 2422MHz Ant0

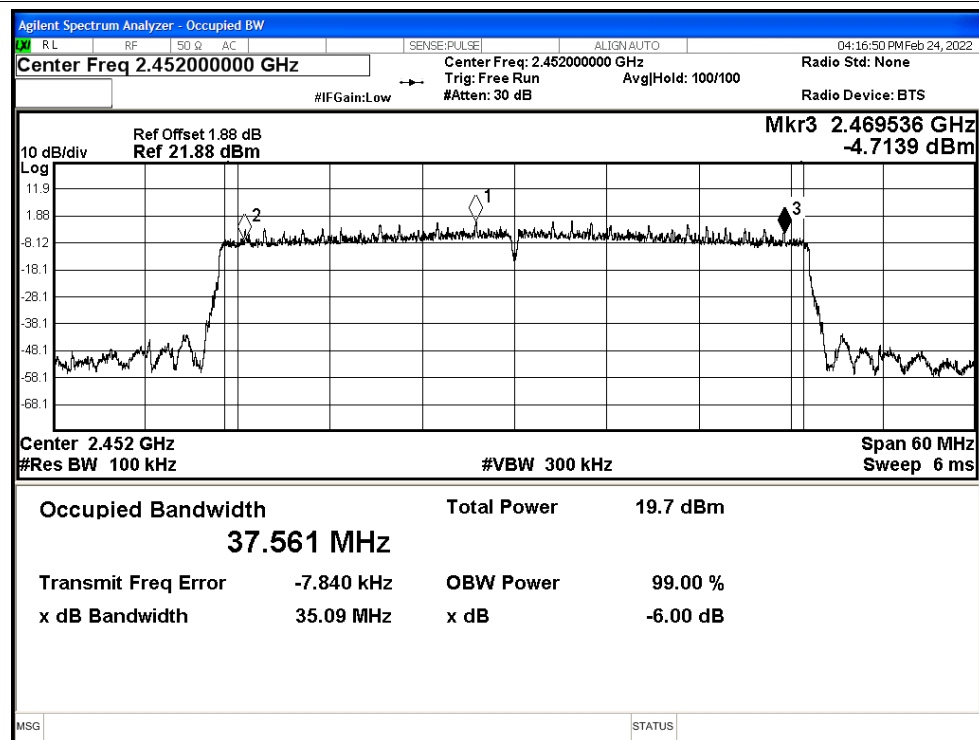




-6dB Bandwidth NVNT ax40 2437MHz Ant0



-6dB Bandwidth NVNT ax40 2452MHz Ant0



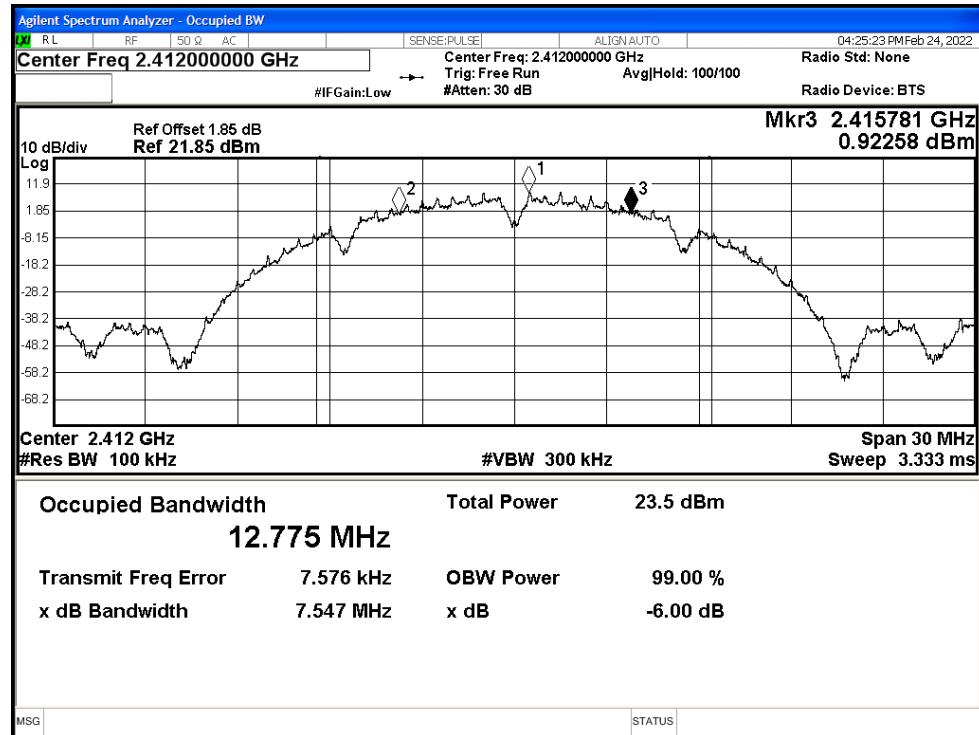


Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	7.547	0.5	Pass
NVNT	b	2437	Ant1	7.538	0.5	Pass
NVNT	b	2462	Ant1	8.02	0.5	Pass
NVNT	g	2412	Ant1	15.076	0.5	Pass
NVNT	g	2437	Ant1	15.749	0.5	Pass
NVNT	g	2462	Ant1	14.264	0.5	Pass
NVNT	n20	2412	Ant1	14.768	0.5	Pass
NVNT	n20	2437	Ant1	15.12	0.5	Pass
NVNT	n20	2462	Ant1	13.863	0.5	Pass
NVNT	n40	2422	Ant1	35.117	0.5	Pass
NVNT	n40	2437	Ant1	33.877	0.5	Pass
NVNT	n40	2452	Ant1	35.024	0.5	Pass
NVNT	ax20	2412	Ant1	17.587	0.5	Pass
NVNT	ax20	2437	Ant1	17.953	0.5	Pass
NVNT	ax20	2462	Ant1	18.015	0.5	Pass
NVNT	ax40	2422	Ant1	35.133	0.5	Pass
NVNT	ax40	2437	Ant1	37.302	0.5	Pass
NVNT	ax40	2452	Ant1	35.25	0.5	Pass

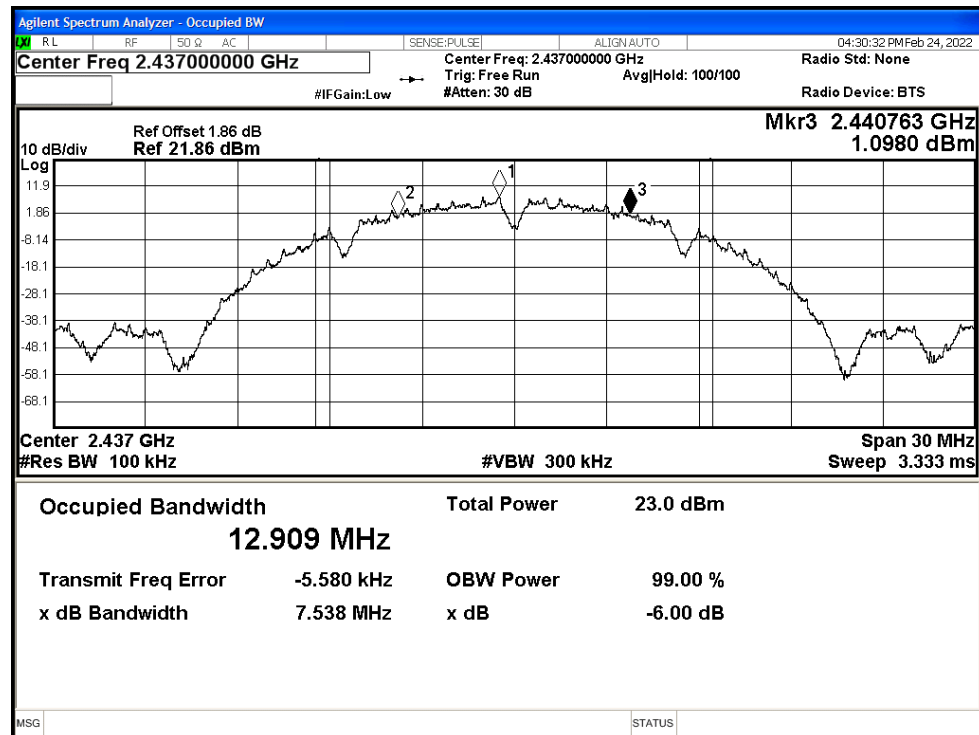


Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1

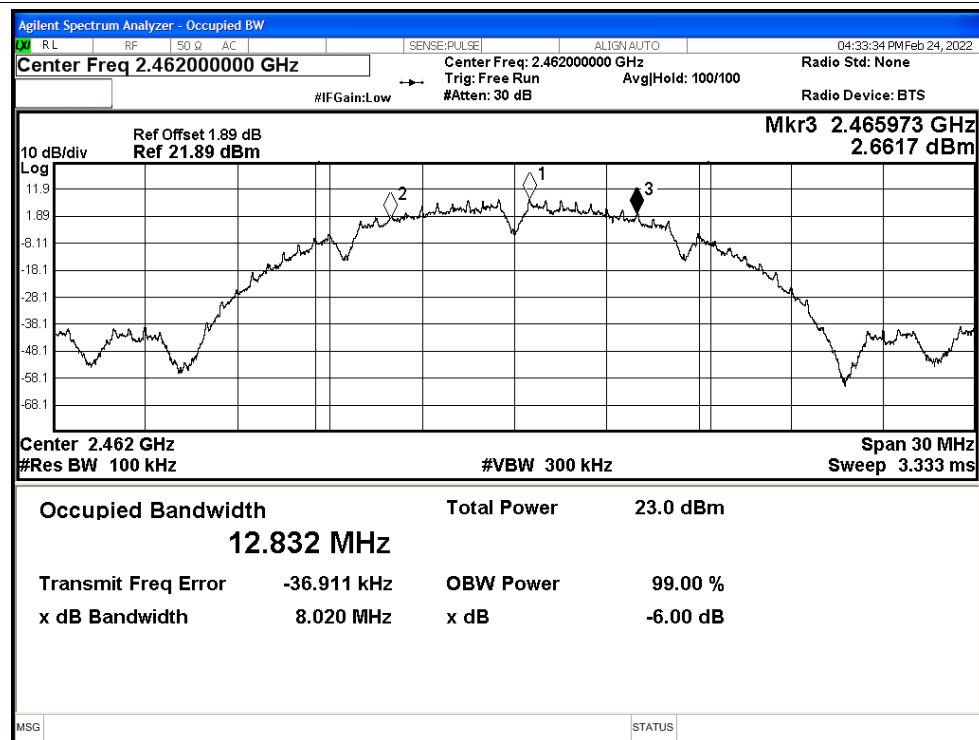


-6dB Bandwidth NVNT b 2437MHz Ant1

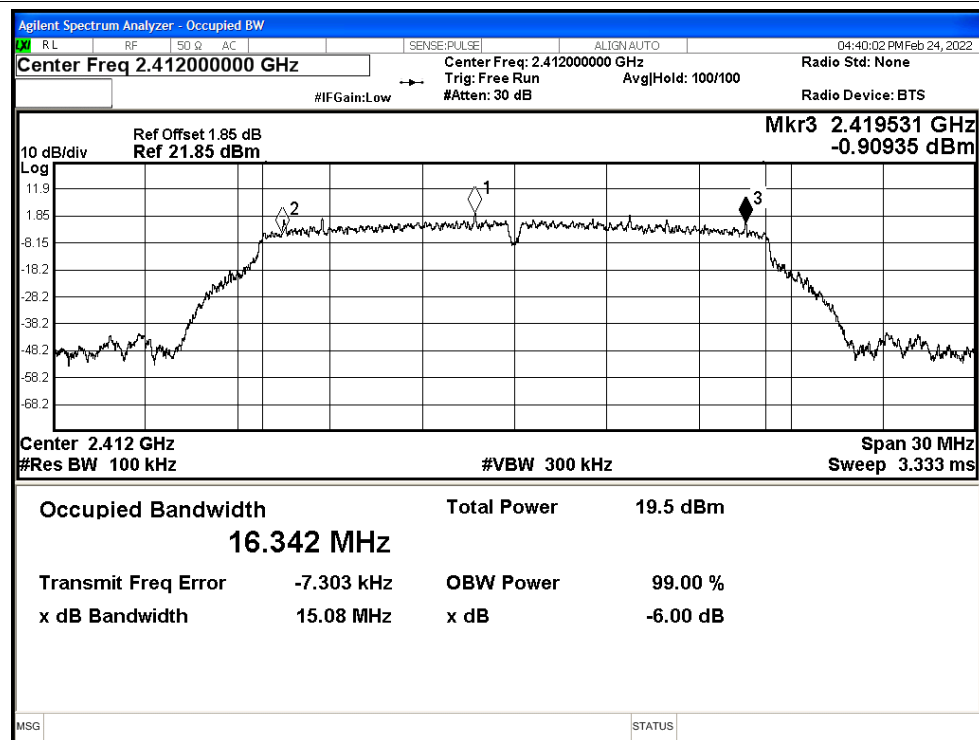




-6dB Bandwidth NVNT b 2462MHz Ant1

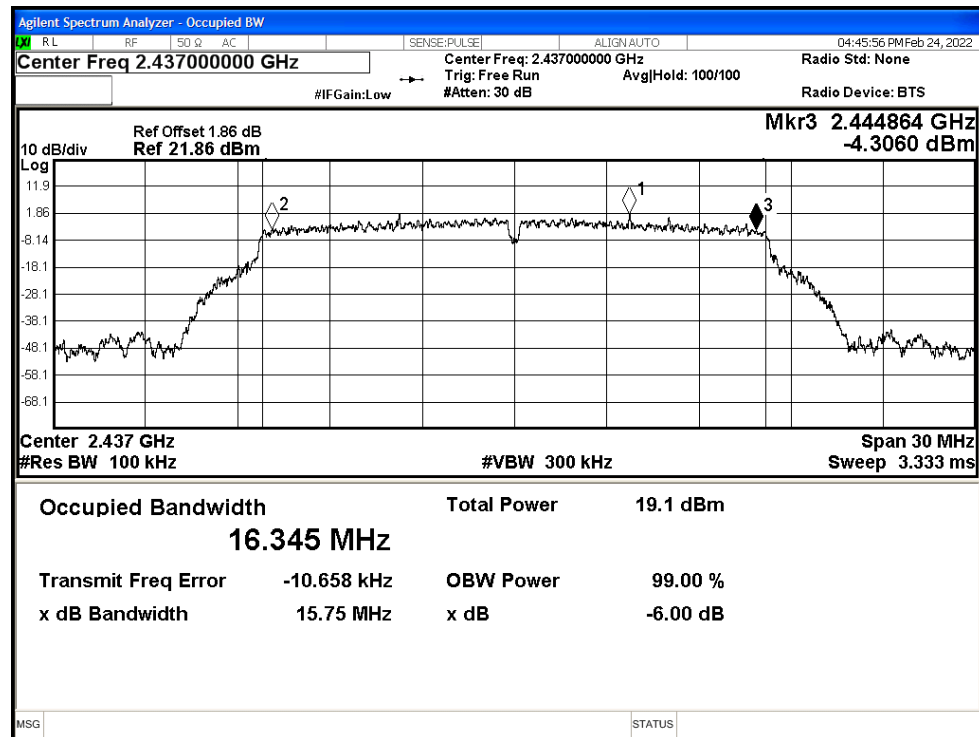


-6dB Bandwidth NVNT g 2412MHz Ant1

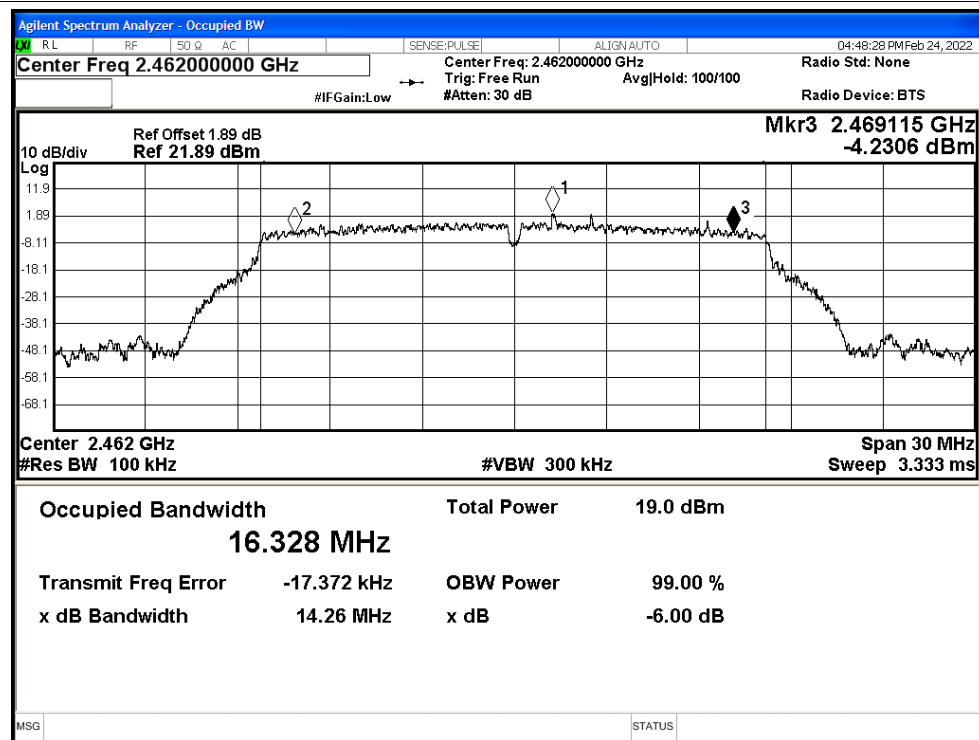




-6dB Bandwidth NVNT g 2437MHz Ant1

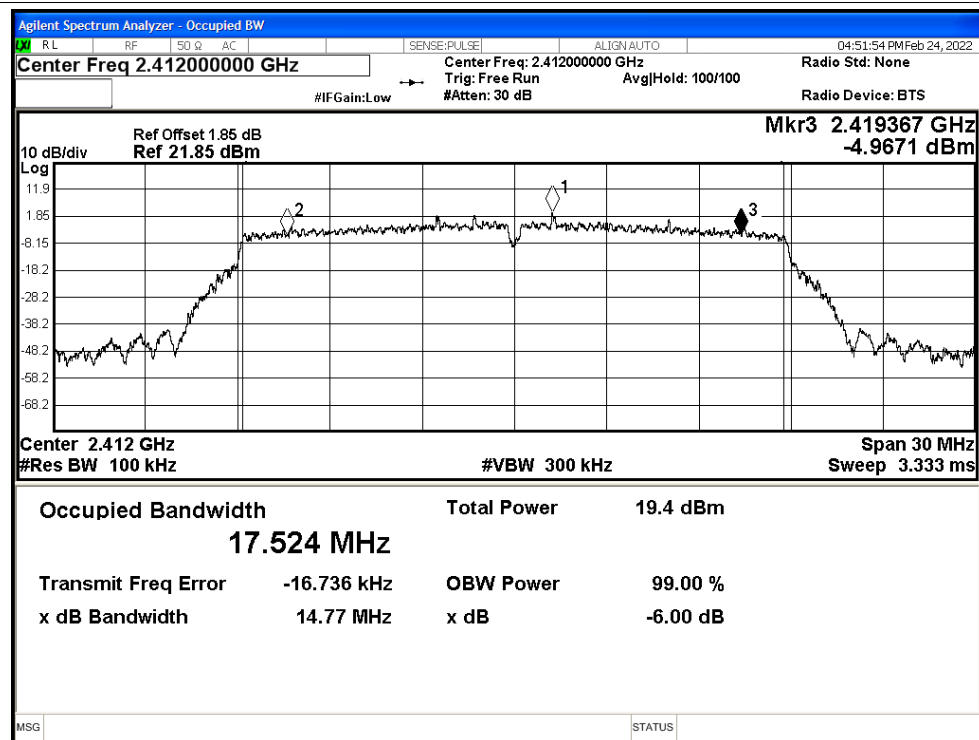


-6dB Bandwidth NVNT g 2462MHz Ant1

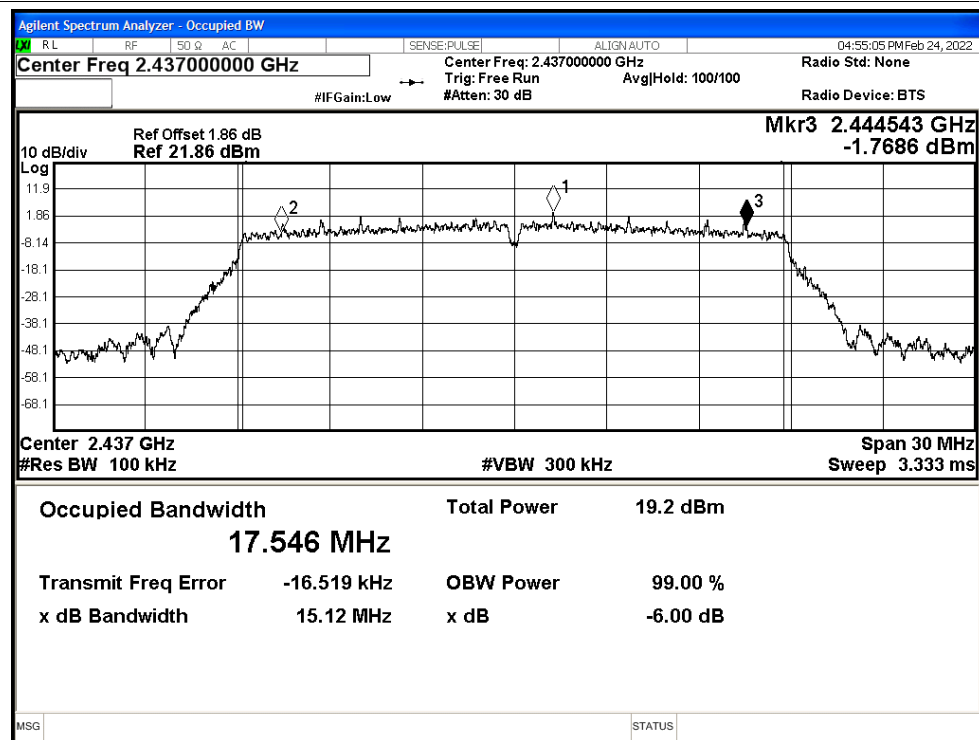




-6dB Bandwidth NVNT n20 2412MHz Ant1

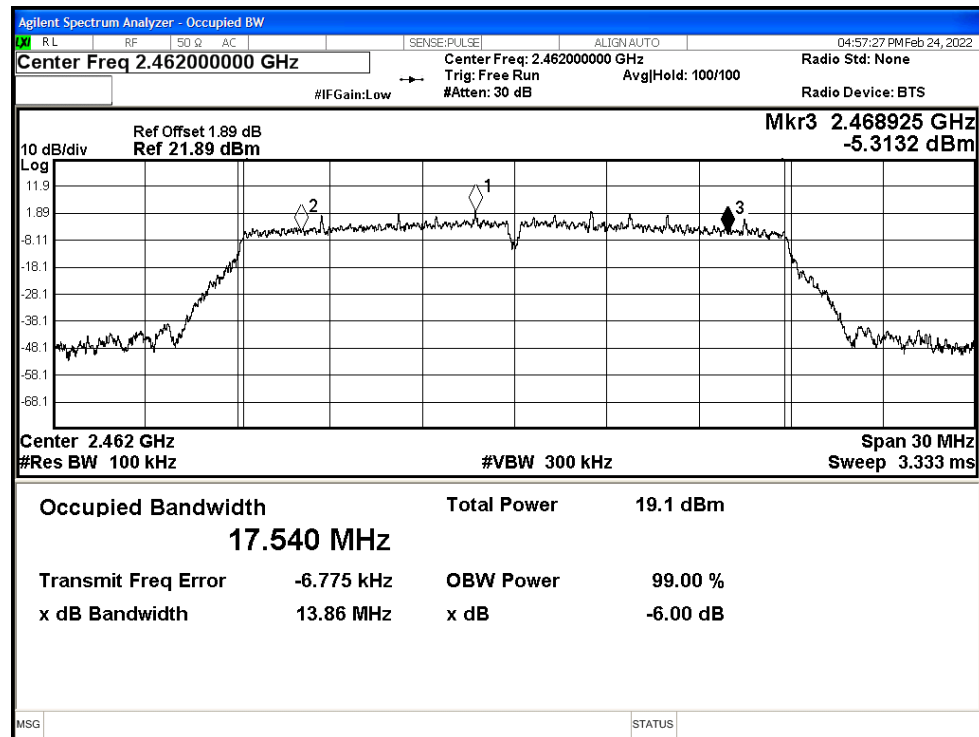


-6dB Bandwidth NVNT n20 2437MHz Ant1

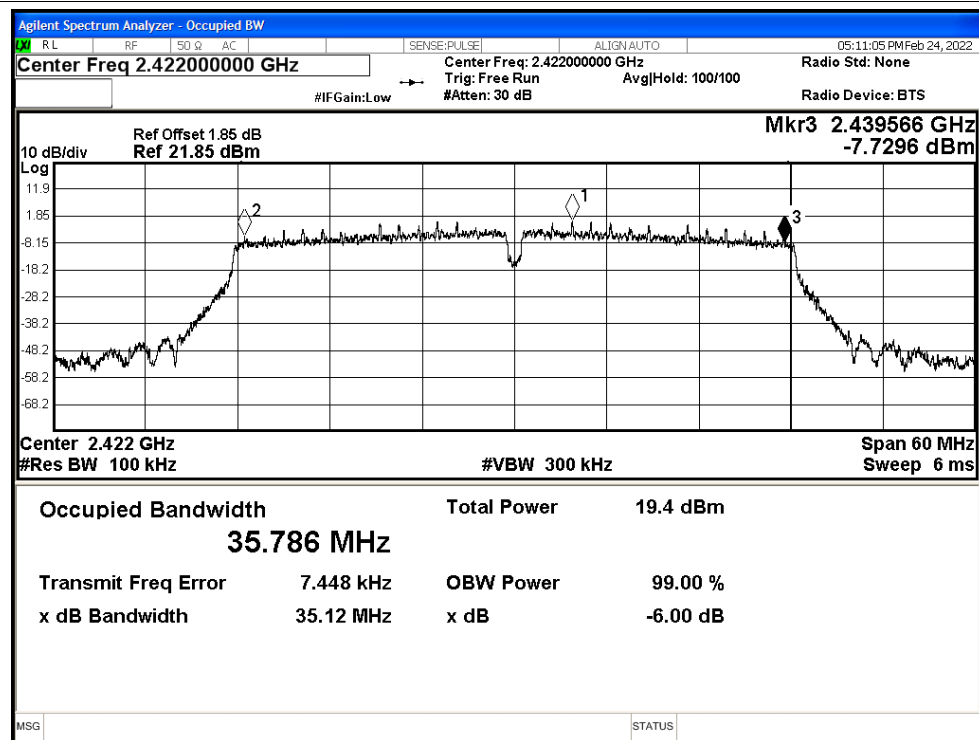




-6dB Bandwidth NVNT n20 2462MHz Ant1

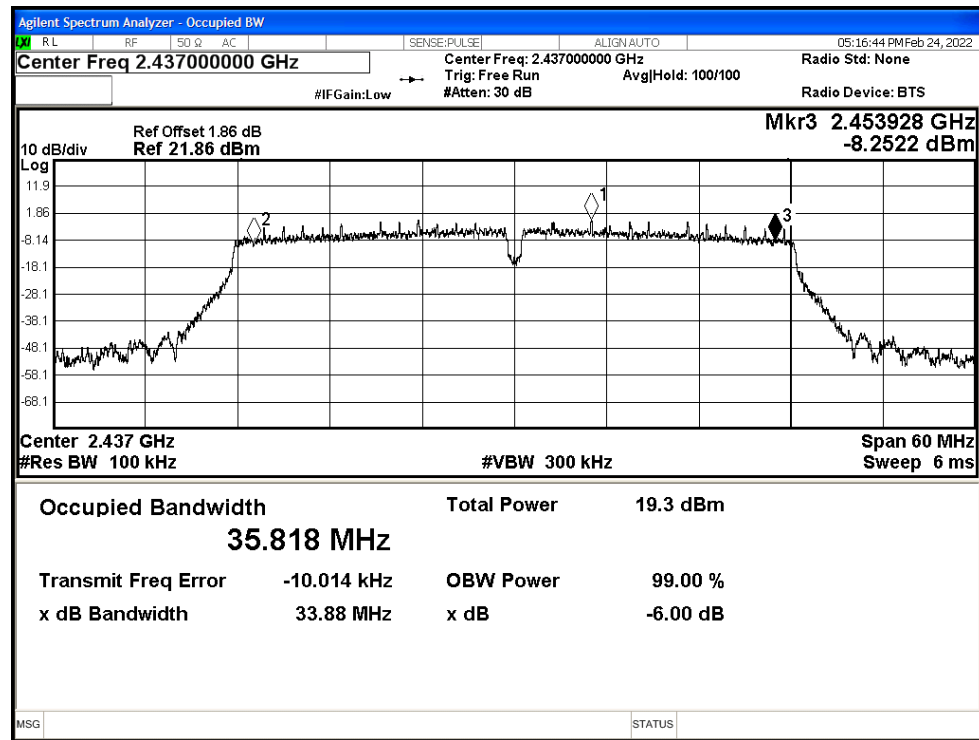


-6dB Bandwidth NVNT n40 2422MHz Ant1

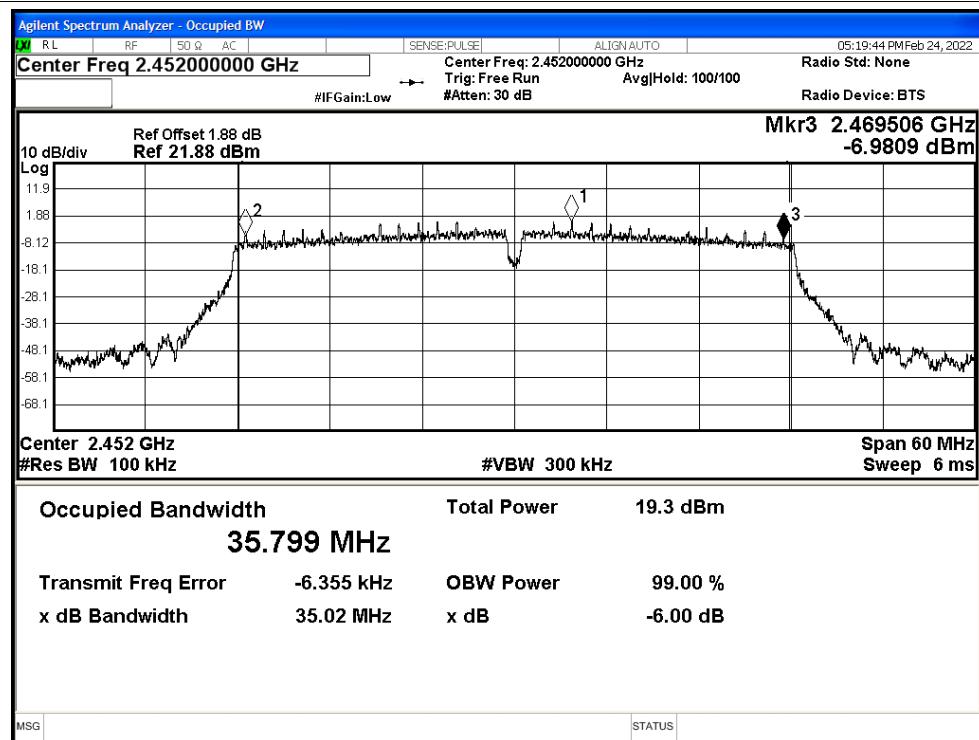




-6dB Bandwidth NVNT n40 2437MHz Ant1

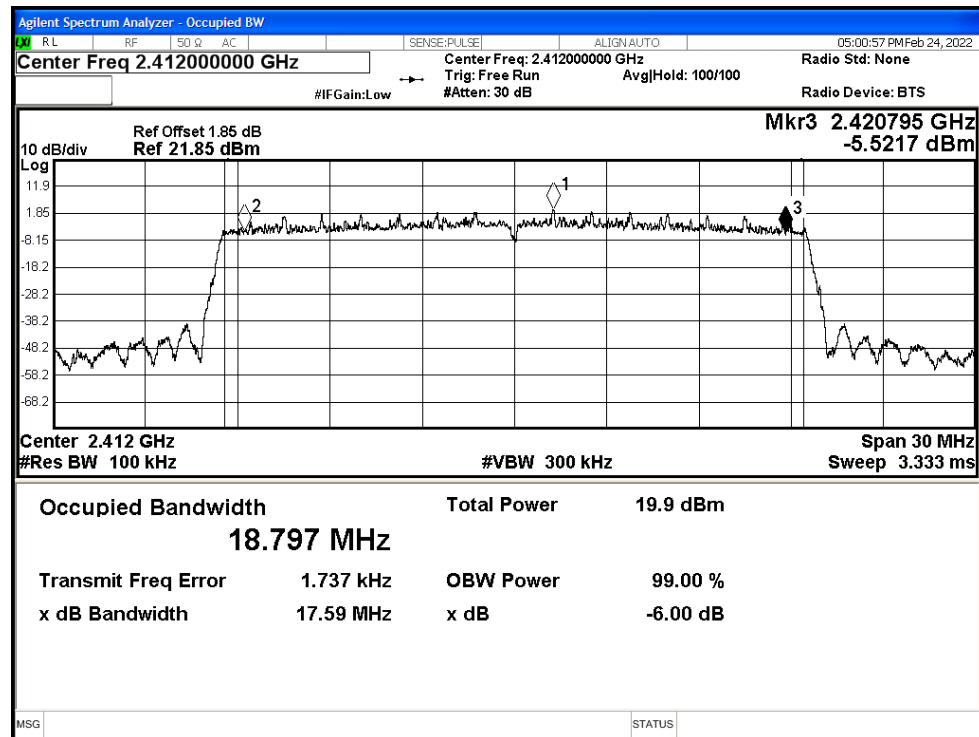


-6dB Bandwidth NVNT n40 2452MHz Ant1

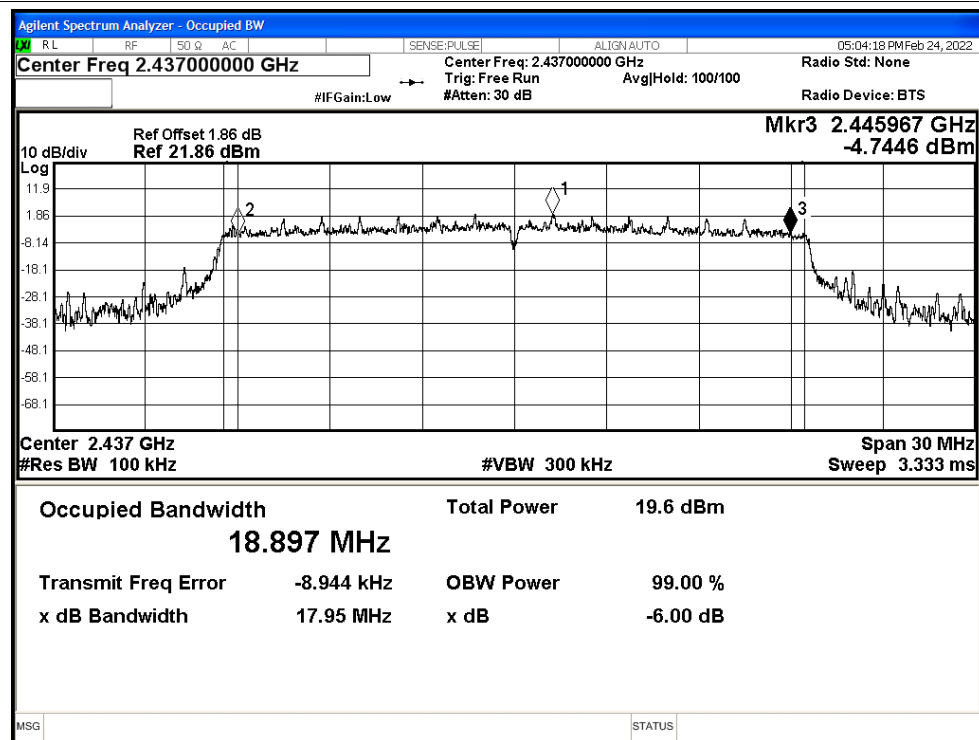




-6dB Bandwidth NVNT ax20 2412MHz Ant1

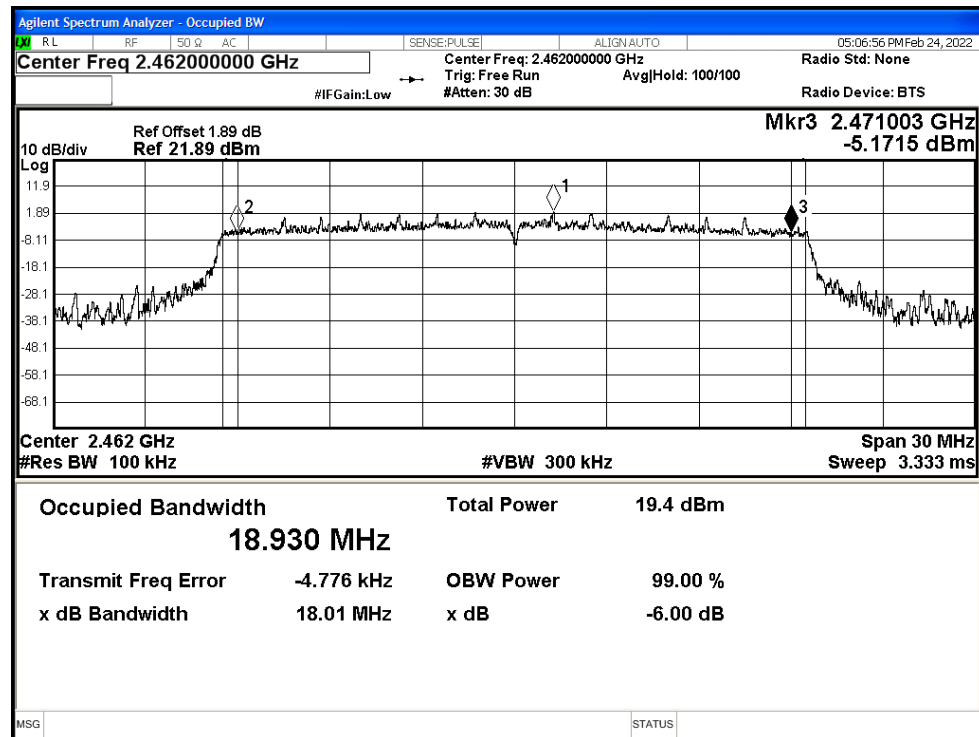


-6dB Bandwidth NVNT ax20 2437MHz Ant1

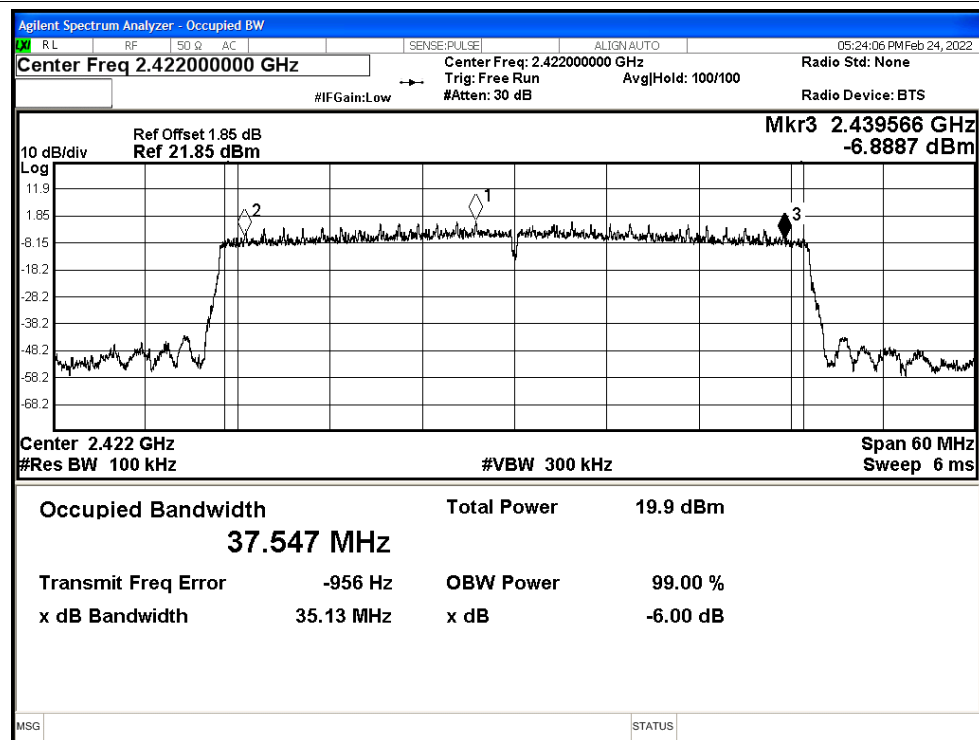




-6dB Bandwidth NVNT ax20 2462MHz Ant1

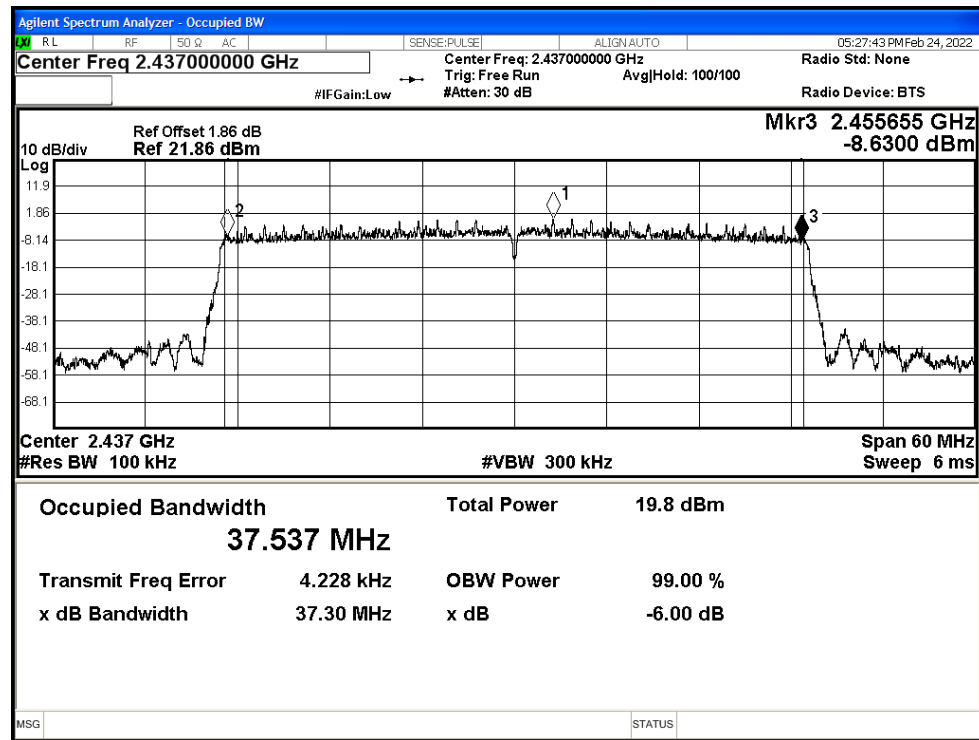


-6dB Bandwidth NVNT ax40 2422MHz Ant1

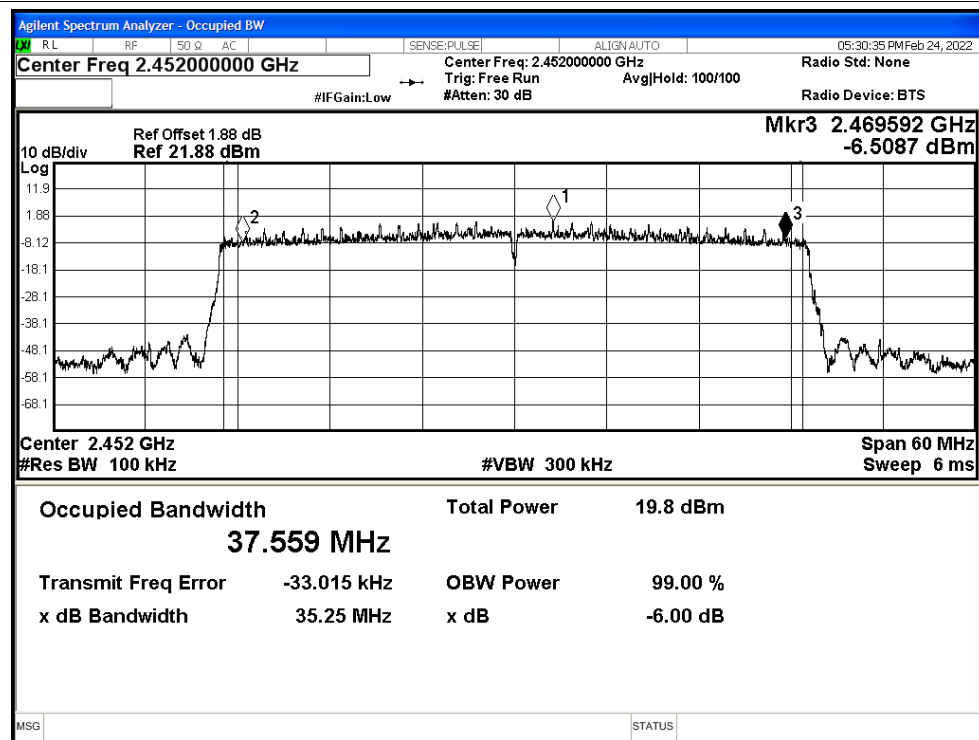




-6dB Bandwidth NVNT ax40 2437MHz Ant1



-6dB Bandwidth NVNT ax40 2452MHz Ant1





A.2 Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant0	18.26	0	18.26	30	Pass
NVNT	b	2437	Ant0	17.94	0	17.94	30	Pass
NVNT	b	2462	Ant0	17.99	0	17.99	30	Pass
NVNT	g	2412	Ant0	18.15	0	18.15	30	Pass
NVNT	g	2437	Ant0	17.9	0	17.9	30	Pass
NVNT	g	2462	Ant0	17.75	0	17.75	30	Pass
NVNT	n20	2412	Ant0	18.11	0	18.11	30	Pass
NVNT	n20	2437	Ant0	17.69	0	17.69	30	Pass
NVNT	n20	2462	Ant0	17.52	0	17.52	30	Pass
NVNT	n40	2422	Ant0	18.72	0	18.72	30	Pass
NVNT	n40	2437	Ant0	18.57	0	18.57	30	Pass
NVNT	n40	2452	Ant0	18.66	0	18.66	30	Pass
NVNT	ax20	2412	Ant0	18.04	0	18.04	30	Pass
NVNT	ax20	2437	Ant0	18.76	0	18.76	30	Pass
NVNT	ax20	2462	Ant0	18.75	0	18.75	30	Pass
NVNT	ax40	2422	Ant0	18.79	0	18.79	30	Pass
NVNT	ax40	2437	Ant0	18.57	0	18.57	30	Pass
NVNT	ax40	2452	Ant0	18.6	0	18.6	30	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	18.41	0	18.41	30	Pass
NVNT	b	2437	Ant1	18.07	0	18.07	30	Pass
NVNT	b	2462	Ant1	18	0	18	30	Pass
NVNT	g	2412	Ant1	18.3	0	18.3	30	Pass
NVNT	g	2437	Ant1	17.9	0	17.9	30	Pass
NVNT	g	2462	Ant1	17.82	0	17.82	30	Pass
NVNT	n20	2412	Ant1	18.03	0	18.03	30	Pass
NVNT	n20	2437	Ant1	17.77	0	17.77	30	Pass
NVNT	n20	2462	Ant1	17.64	0	17.64	30	Pass
NVNT	n40	2422	Ant1	17.82	0	17.82	30	Pass
NVNT	n40	2437	Ant1	17.81	0	17.81	30	Pass
NVNT	n40	2452	Ant1	17.74	0	17.74	30	Pass
NVNT	ax20	2412	Ant1	19.21	0	19.21	30	Pass
NVNT	ax20	2437	Ant1	18.84	0	18.84	30	Pass
NVNT	ax20	2462	Ant1	18.84	0	18.84	30	Pass
NVNT	ax40	2422	Ant1	18.7	0	18.7	30	Pass
NVNT	ax40	2437	Ant1	18.76	0	18.76	30	Pass
NVNT	ax40	2452	Ant1	18.64	0	18.64	30	Pass



MIMO

Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			Ant 0	Ant 1	MIMO		
NVNT	n20	2412	18.11	18.03	21.08	30	Pass
NVNT	n20	2437	17.69	17.77	20.74	30	Pass
NVNT	n20	2462	17.52	17.64	20.59	30	Pass
NVNT	n40	2422	18.72	17.82	21.30	30	Pass
NVNT	n40	2437	18.57	17.81	21.22	30	Pass
NVNT	n40	2452	18.66	17.74	21.23	30	Pass
NVNT	ax20	2412	18.04	19.21	21.67	30	Pass
NVNT	ax20	2437	18.76	18.84	21.81	30	Pass
NVNT	ax20	2462	18.75	18.84	21.81	30	Pass
NVNT	ax40	2422	18.79	18.7	21.76	30	Pass
NVNT	ax40	2437	18.57	18.76	21.68	30	Pass
NVNT	ax40	2452	18.6	18.64	21.63	30	Pass



A.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant0	-5.41	0	-5.41	8	Pass
NVNT	b	2437	Ant0	-5.89	0	-5.89	8	Pass
NVNT	b	2462	Ant0	-5.55	0	-5.55	8	Pass
NVNT	g	2412	Ant0	-10.91	0	-10.91	8	Pass
NVNT	g	2437	Ant0	-10.15	0	-10.15	8	Pass
NVNT	g	2462	Ant0	-11.14	0	-11.14	8	Pass
NVNT	n20	2412	Ant0	-10.89	0	-10.89	8	Pass
NVNT	n20	2437	Ant0	-10.69	0	-10.69	8	Pass
NVNT	n20	2462	Ant0	-10.39	0	-10.39	8	Pass
NVNT	n40	2422	Ant0	-14.52	0	-14.52	8	Pass
NVNT	n40	2437	Ant0	-15.32	0	-15.32	8	Pass
NVNT	n40	2452	Ant0	-14.41	0	-14.41	8	Pass
NVNT	ax20	2412	Ant0	-11.35	0	-11.35	8	Pass
NVNT	ax20	2437	Ant0	-10.52	0	-10.52	8	Pass
NVNT	ax20	2462	Ant0	-10.64	0	-10.64	8	Pass
NVNT	ax40	2422	Ant0	-14.5	0	-14.5	8	Pass
NVNT	ax40	2437	Ant0	-14.86	0	-14.86	8	Pass
NVNT	ax40	2452	Ant0	-15.19	0	-15.19	8	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-4.16	0	-4.16	8	Pass
NVNT	b	2437	Ant1	-5.77	0	-5.77	8	Pass
NVNT	b	2462	Ant1	-5.55	0	-5.55	8	Pass
NVNT	g	2412	Ant1	-11.24	0	-11.24	8	Pass
NVNT	g	2437	Ant1	-11.06	0	-11.06	8	Pass
NVNT	g	2462	Ant1	-10.19	0	-10.19	8	Pass
NVNT	n20	2412	Ant1	-9.98	0	-9.98	8	Pass
NVNT	n20	2437	Ant1	-11.06	0	-11.06	8	Pass
NVNT	n20	2462	Ant1	-11.66	0	-11.66	8	Pass
NVNT	n40	2422	Ant1	-13.59	0	-13.59	8	Pass
NVNT	n40	2437	Ant1	-13.12	0	-13.12	8	Pass
NVNT	n40	2452	Ant1	-13.59	0	-13.59	8	Pass
NVNT	ax20	2412	Ant1	-11.04	0	-11.04	8	Pass
NVNT	ax20	2437	Ant1	-12.42	0	-12.42	8	Pass
NVNT	ax20	2462	Ant1	-12.74	0	-12.74	8	Pass
NVNT	ax40	2422	Ant1	-14.32	0	-14.32	8	Pass
NVNT	ax40	2437	Ant1	-15.58	0	-15.58	8	Pass
NVNT	ax40	2452	Ant1	-14.19	0	-14.19	8	Pass



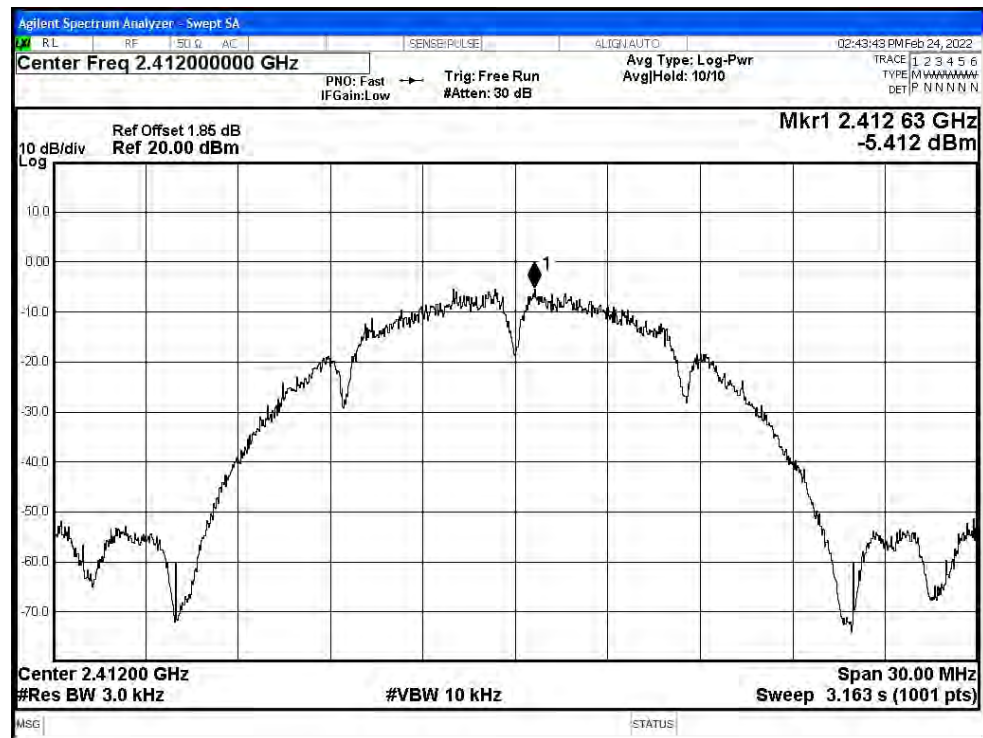
MIMO

Condition	Mode	Frequency (MHz)	Total PSD (dBm/3kHz)			Limit (dBm/3kHz)	Verdict
			Ant 0	Ant 1	MIMO		
NVNT	n20	2412	-10.89	-9.98	-7.40	8	Pass
NVNT	n20	2437	-10.69	-11.06	-7.86	8	Pass
NVNT	n20	2462	-10.39	-11.66	-7.97	8	Pass
NVNT	n40	2422	-14.52	-13.59	-11.02	8	Pass
NVNT	n40	2437	-15.32	-13.12	-11.07	8	Pass
NVNT	n40	2452	-14.41	-13.59	-10.97	8	Pass
NVNT	ax20	2412	-11.35	-11.04	-8.18	8	Pass
NVNT	ax20	2437	-10.52	-12.42	-8.36	8	Pass
NVNT	ax20	2462	-10.64	-12.74	-8.55	8	Pass
NVNT	ax40	2422	-14.5	-14.32	-11.40	8	Pass
NVNT	ax40	2437	-14.86	-15.58	-12.19	8	Pass
NVNT	ax40	2452	-15.19	-14.19	-11.65	8	Pass

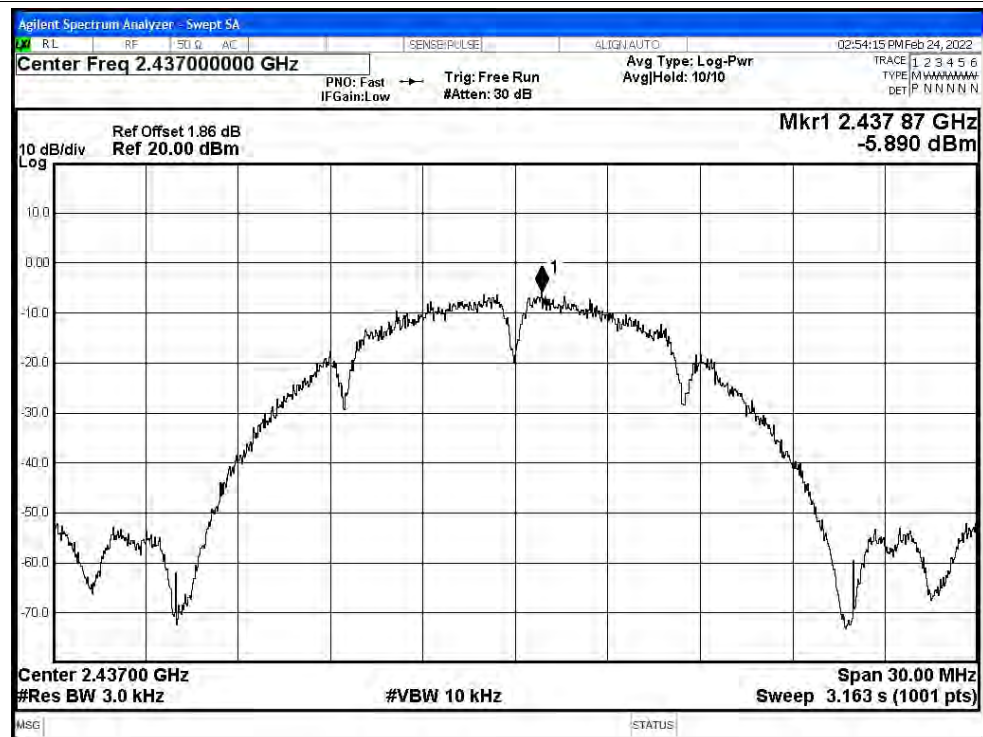


Test Graphs

PSD NVNT b 2412MHz Ant0

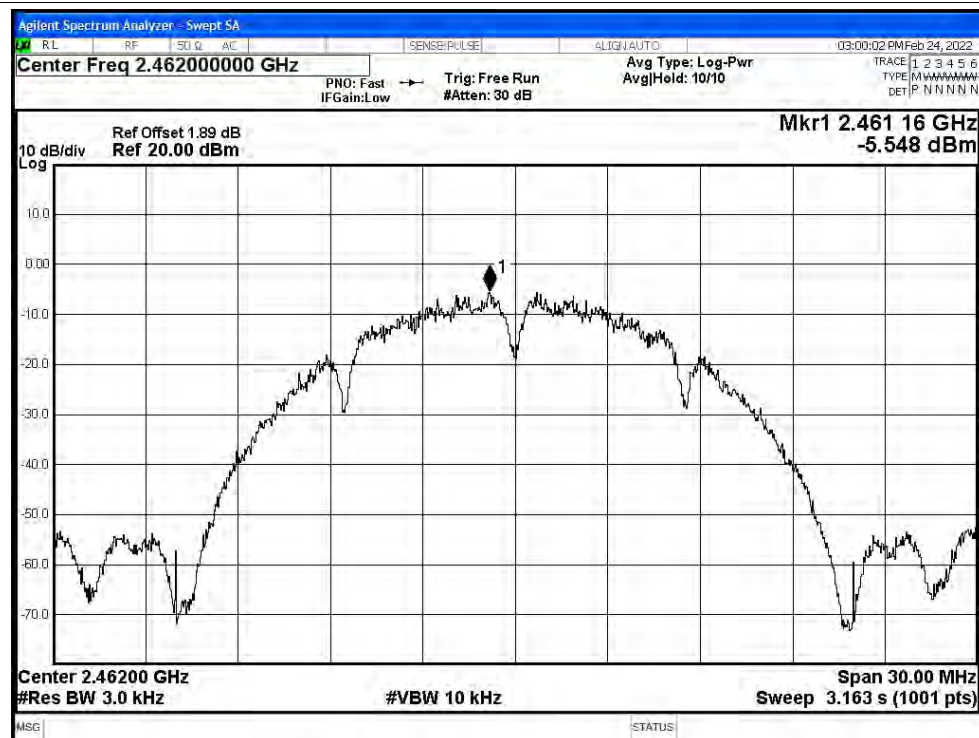


PSD NVNT b 2437MHz Ant0

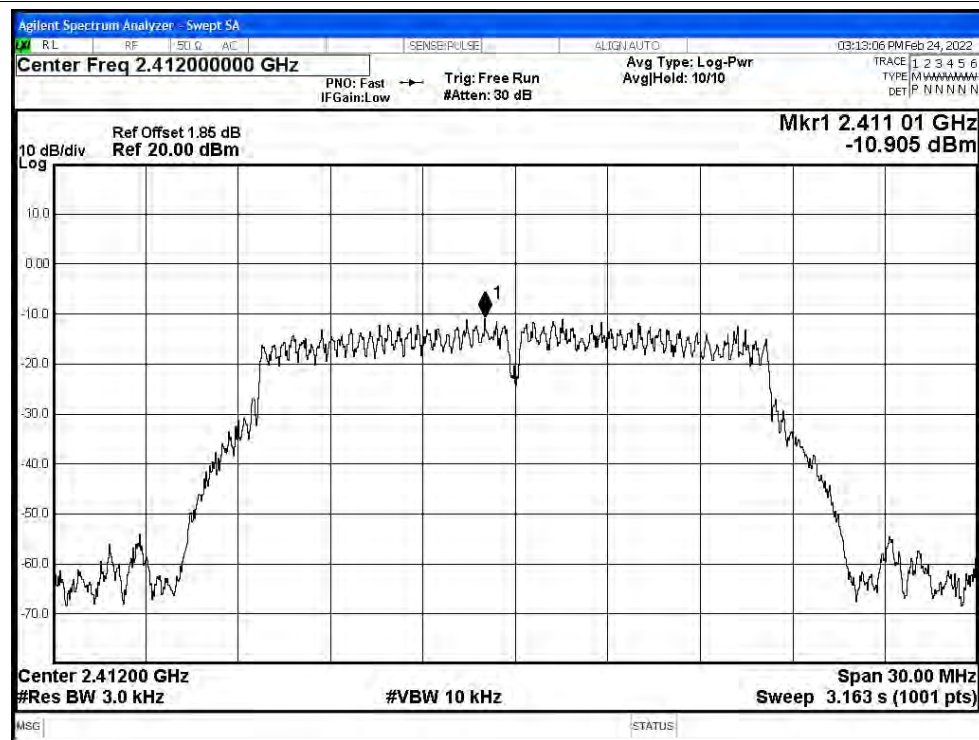




PSD NVNT b 2462MHz Ant0

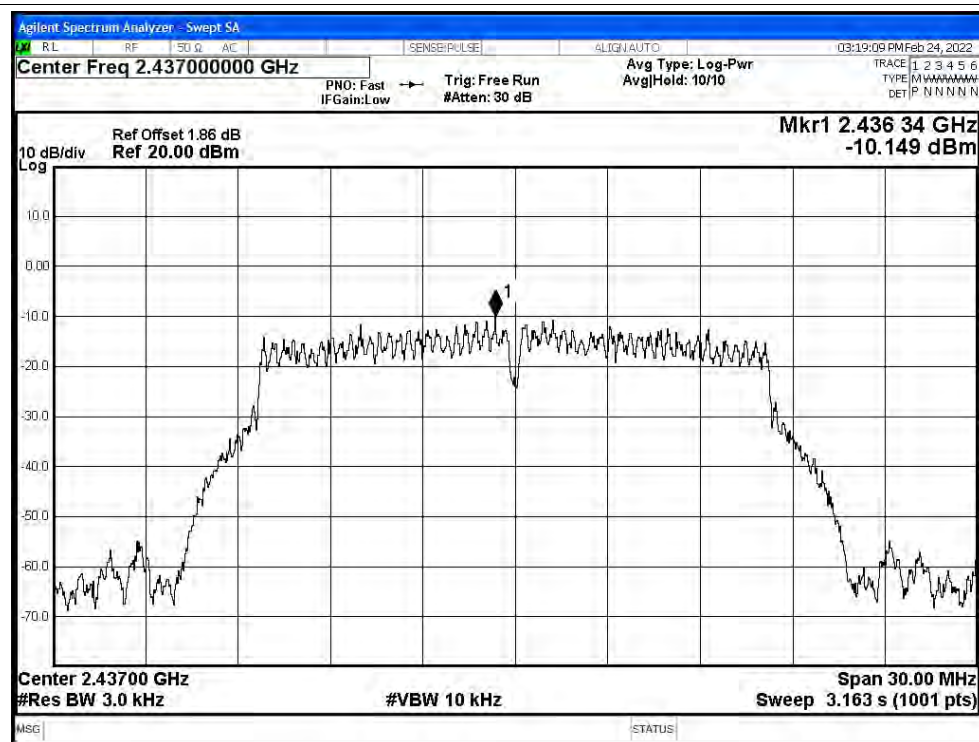


PSD NVNT g 2412MHz Ant0

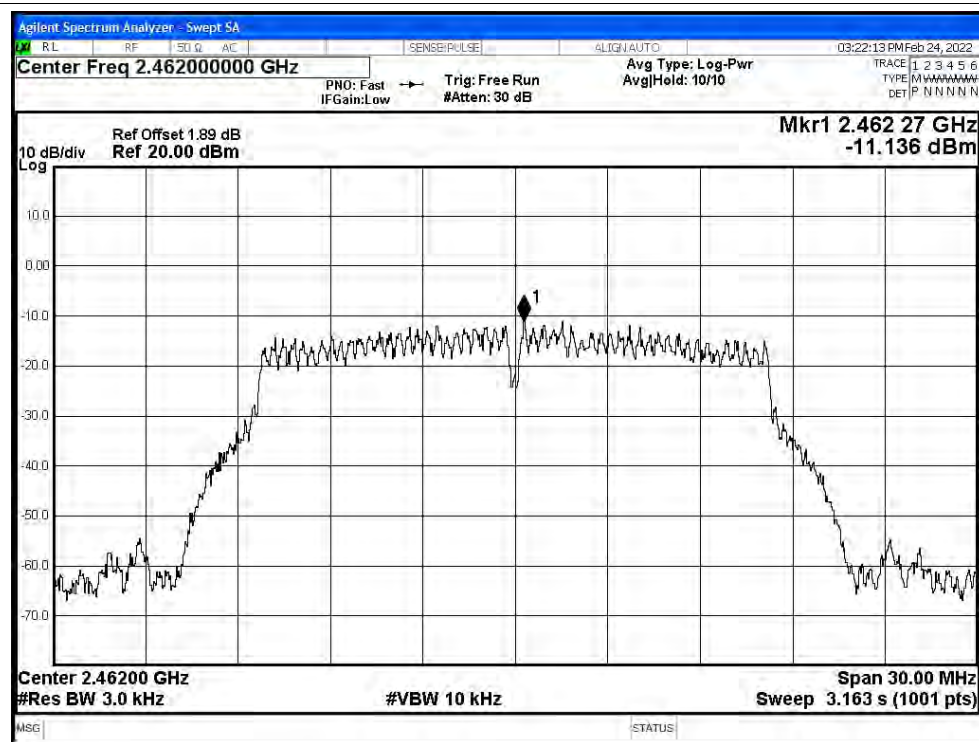




PSD NVNT g 2437MHz Ant0

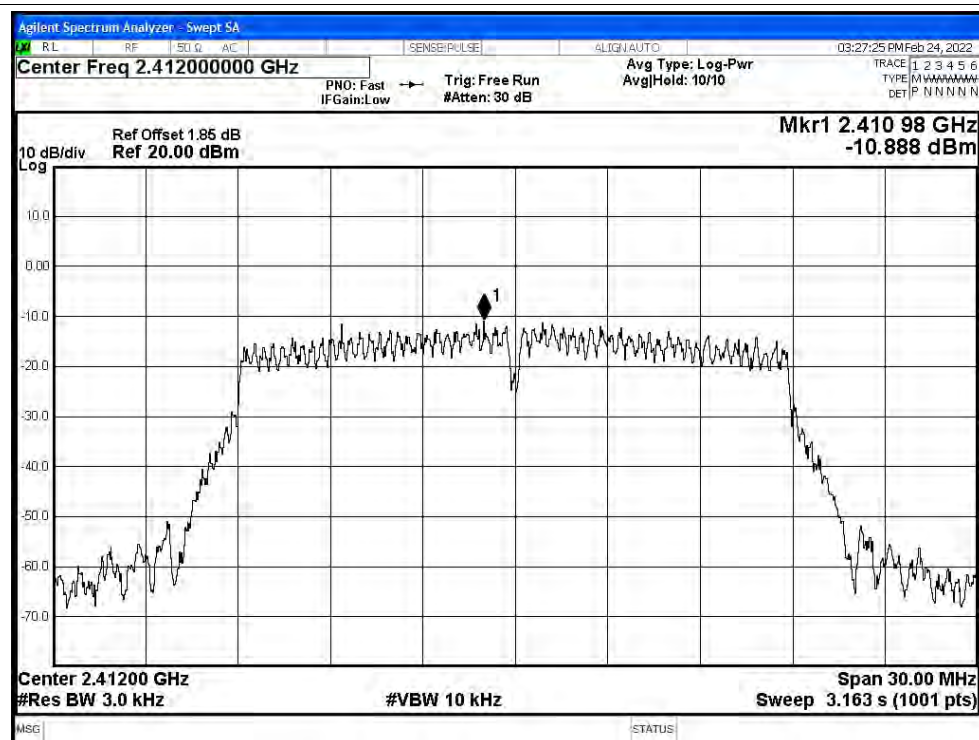


PSD NVNT g 2462MHz Ant0

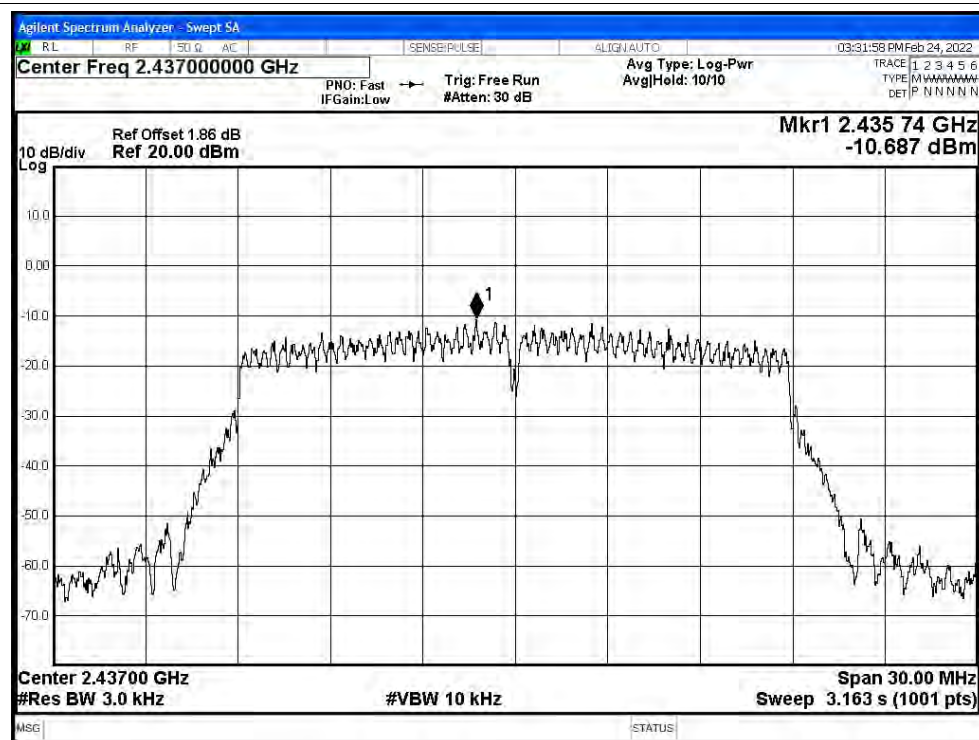




PSD NVNT n20 2412MHz Ant0

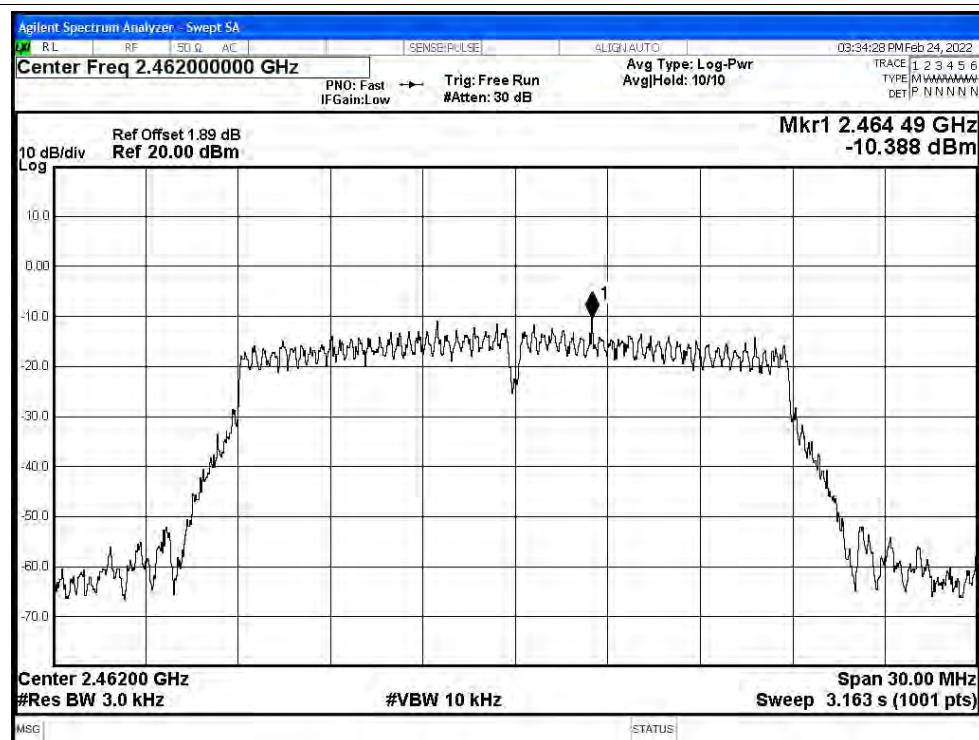


PSD NVNT n20 2437MHz Ant0

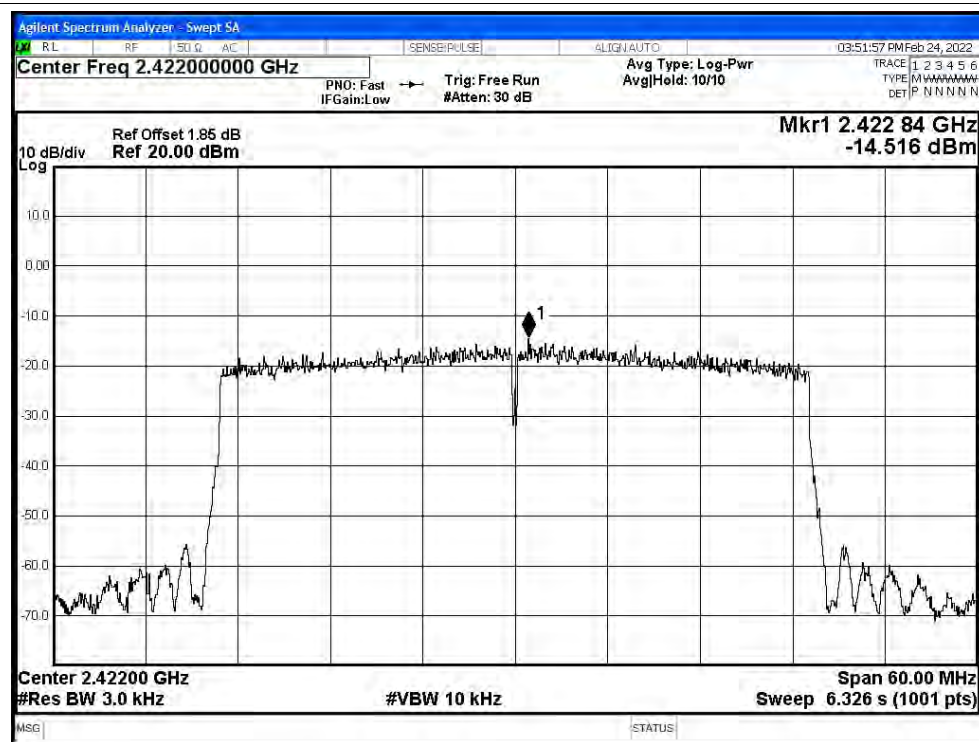




PSD NVNT n20 2462MHz Ant0

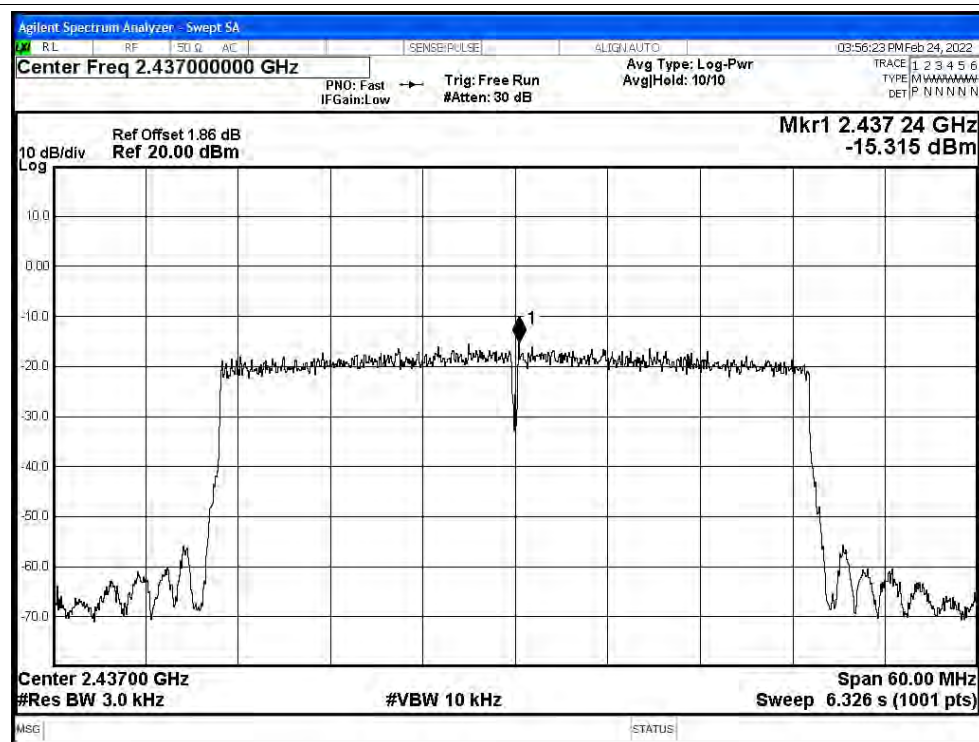


PSD NVNT n40 2422MHz Ant0

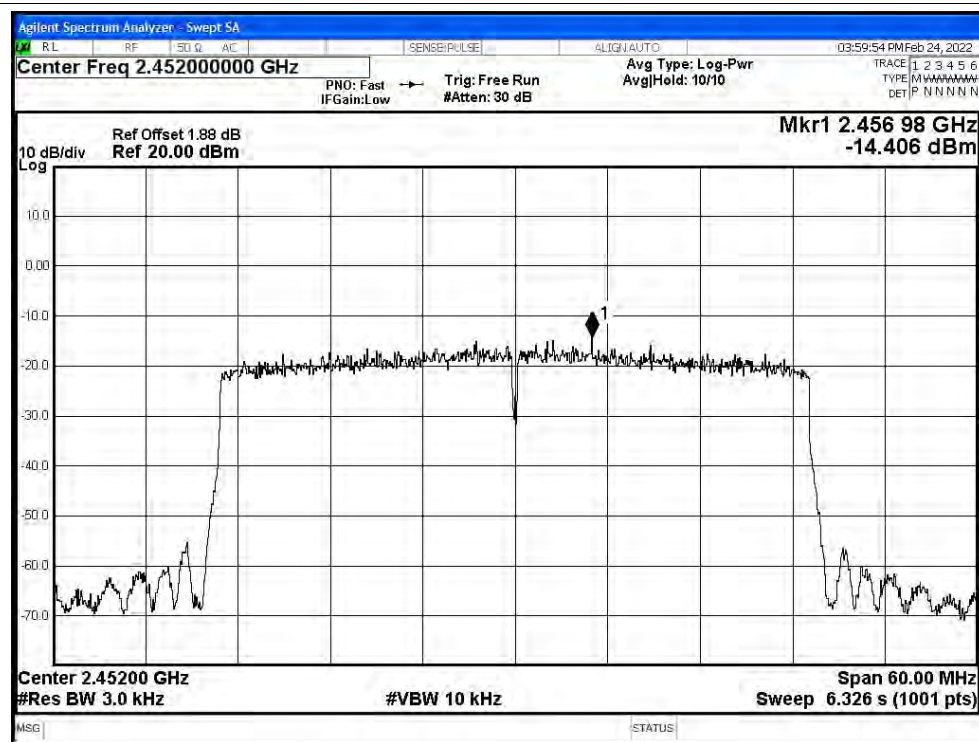




PSD NVNT n40 2437MHz Ant0

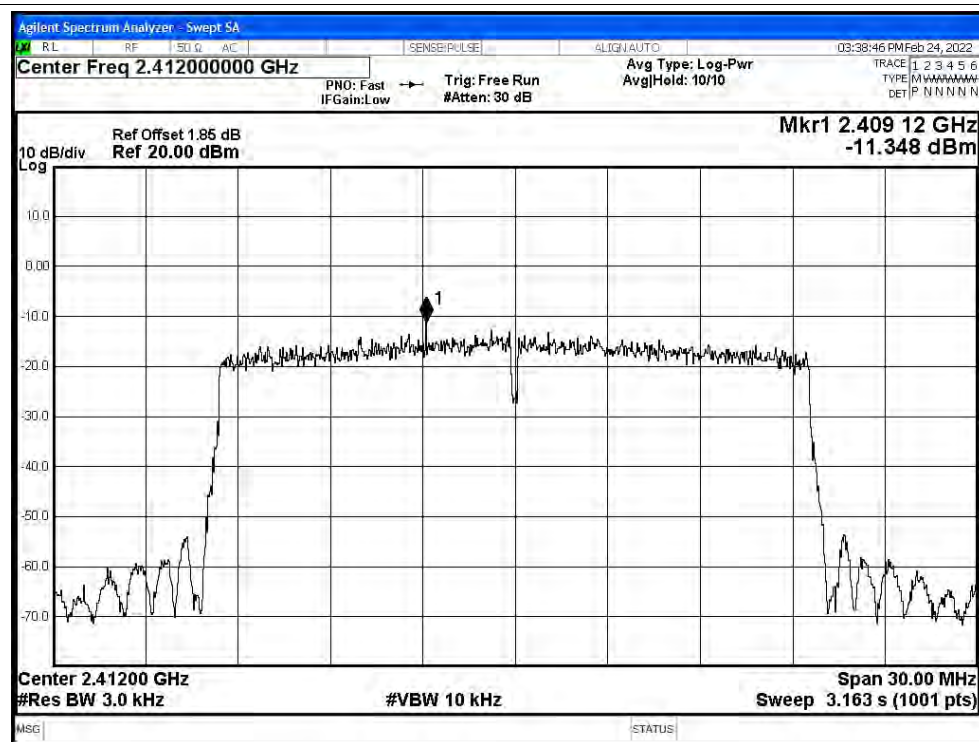


PSD NVNT n40 2452MHz Ant0

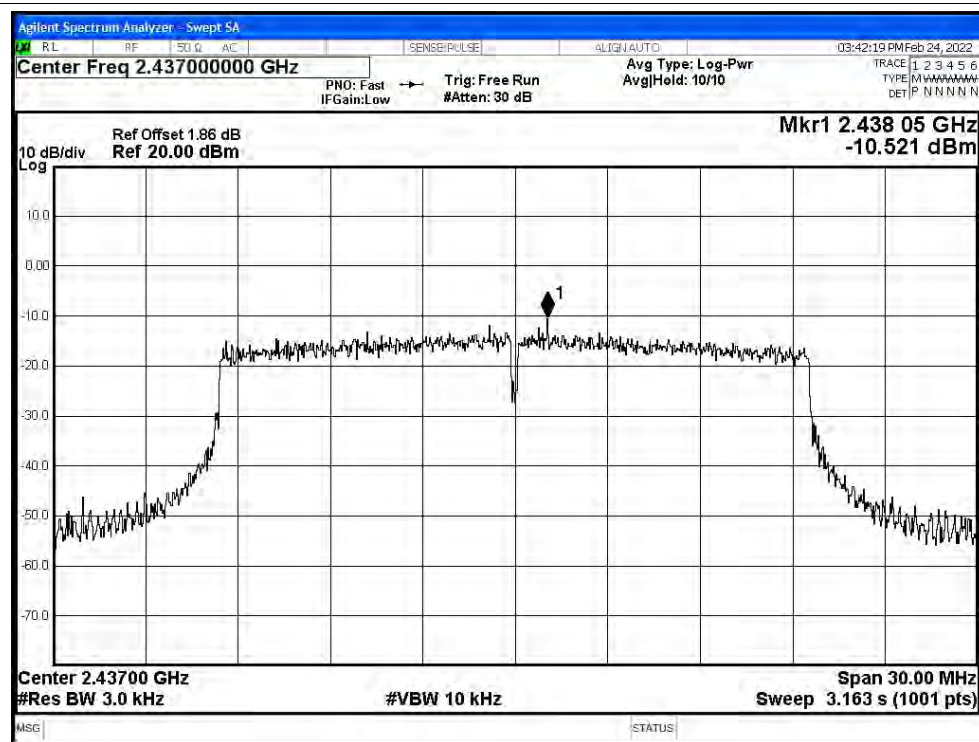




PSD NVNT ax20 2412MHz Ant0

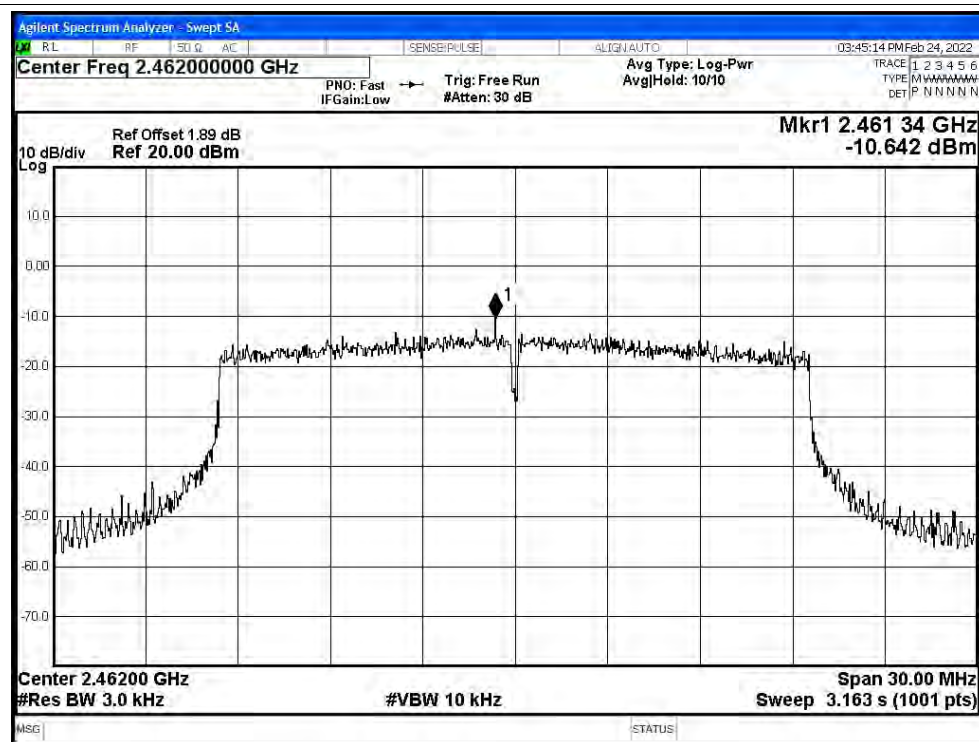


PSD NVNT ax20 2437MHz Ant0

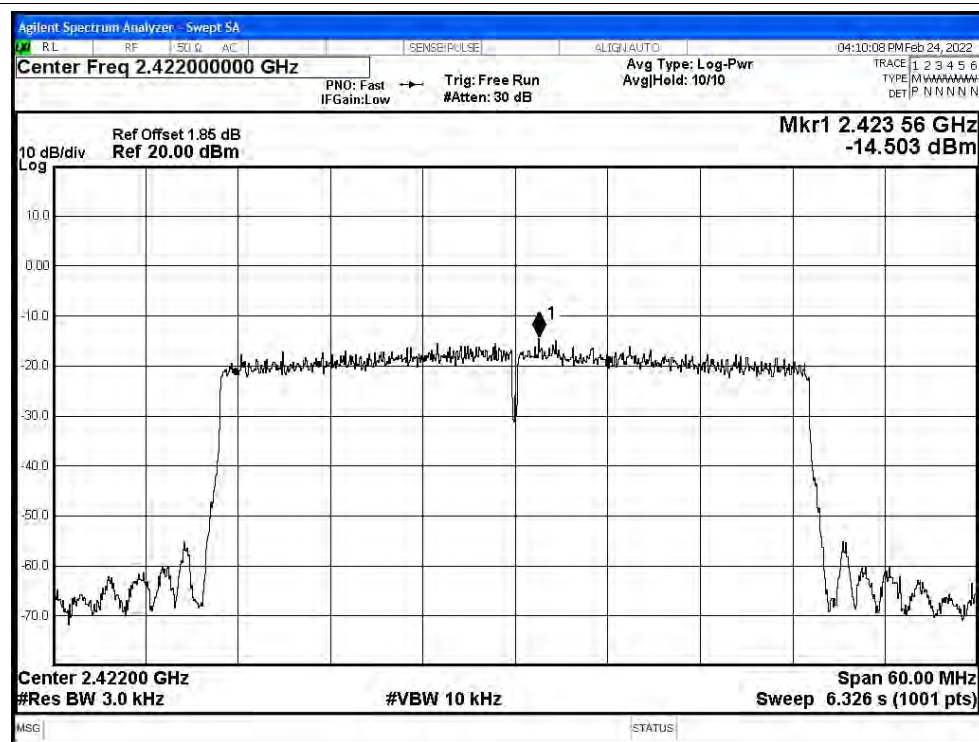




PSD NVNT ax20 2462MHz Ant0

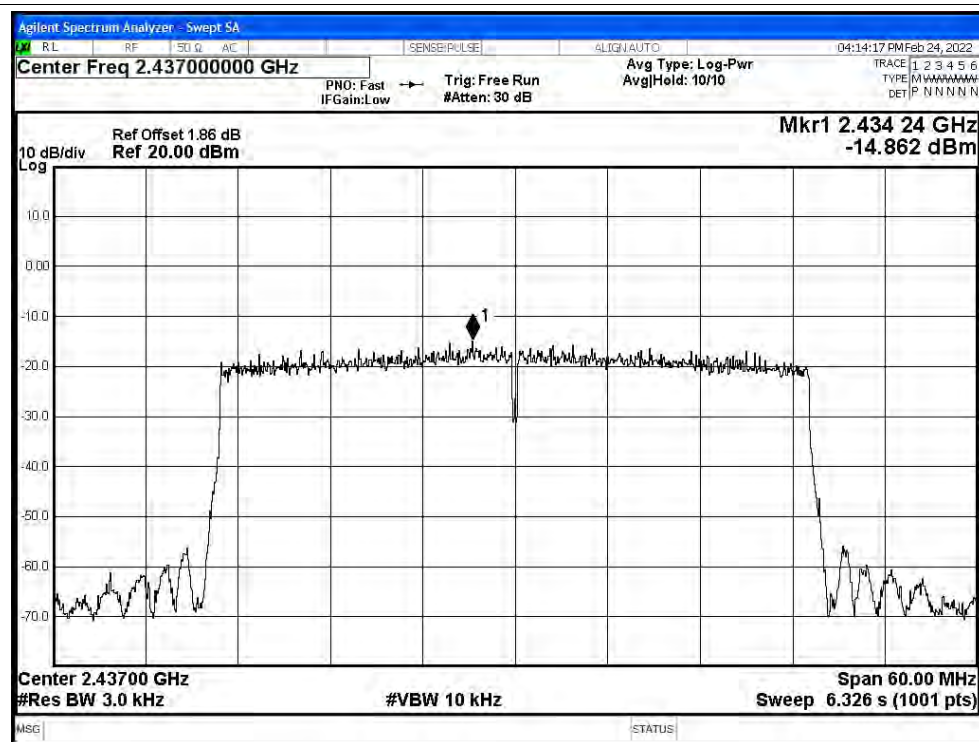


PSD NVNT ax40 2422MHz Ant0

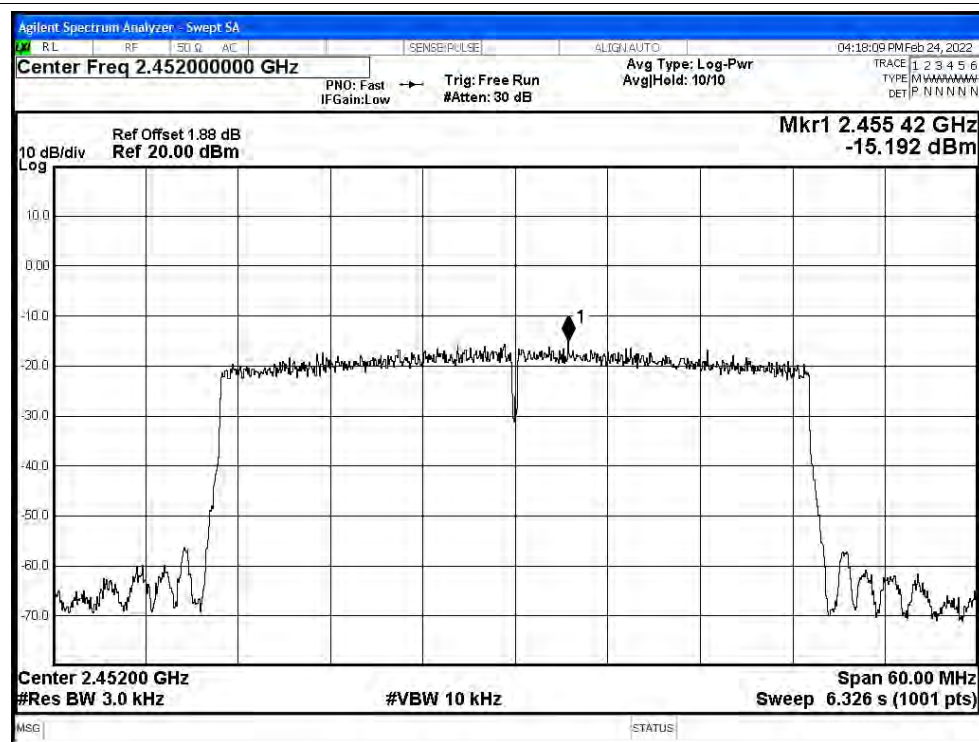




PSD NVNT ax40 2437MHz Ant0



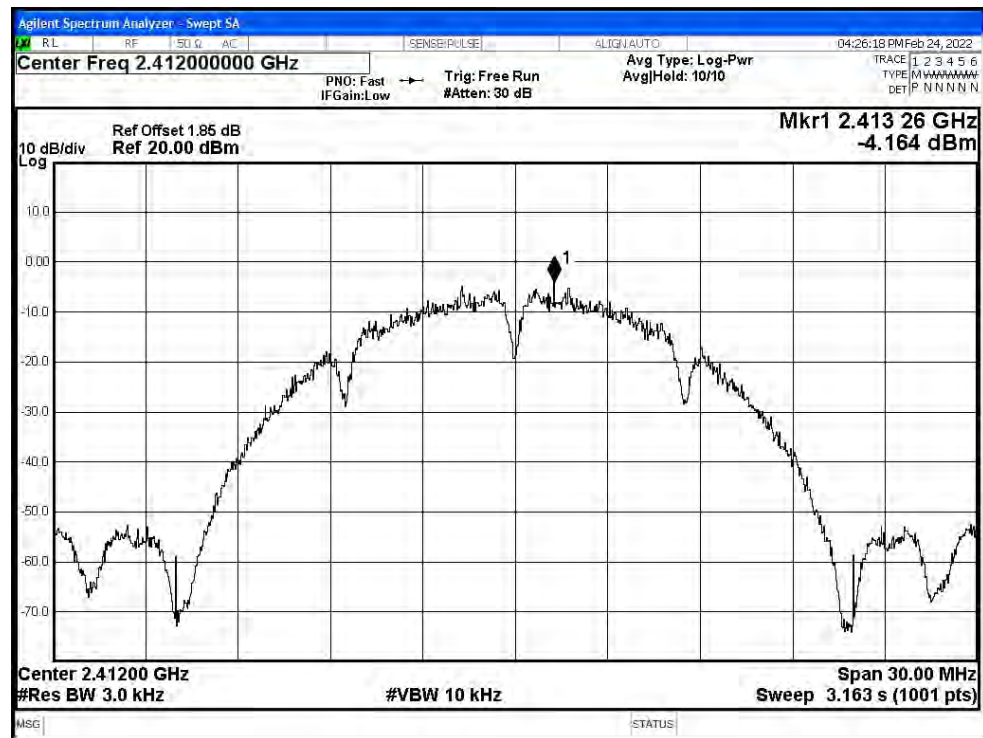
PSD NVNT ax40 2452MHz Ant0



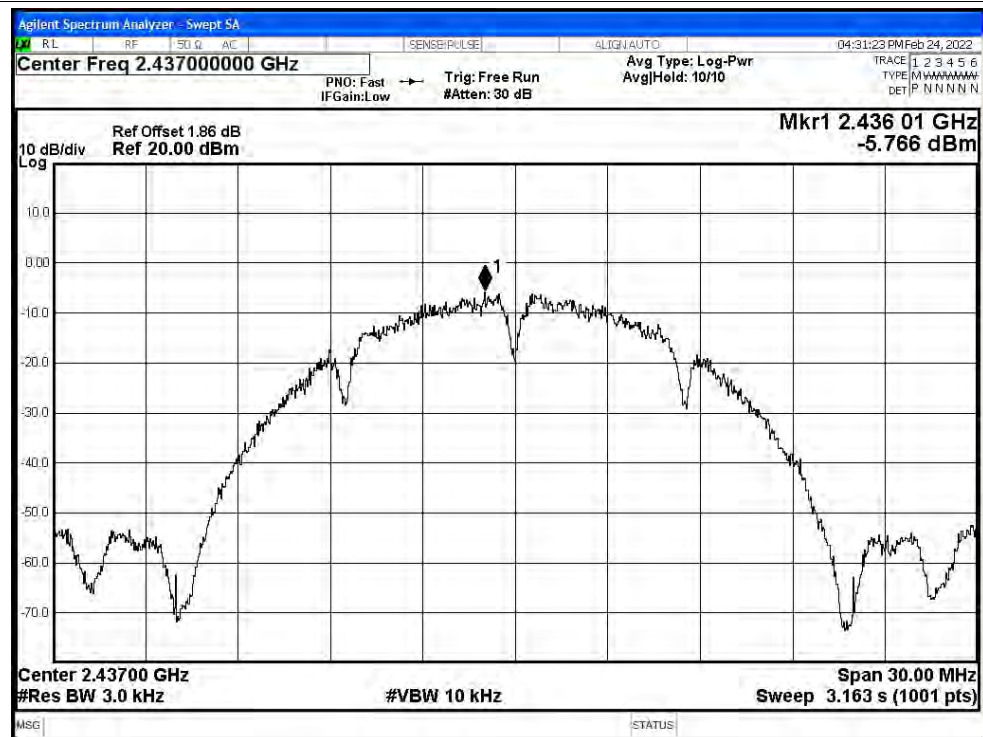


Test Graphs

PSD NVNT b 2412MHz Ant1

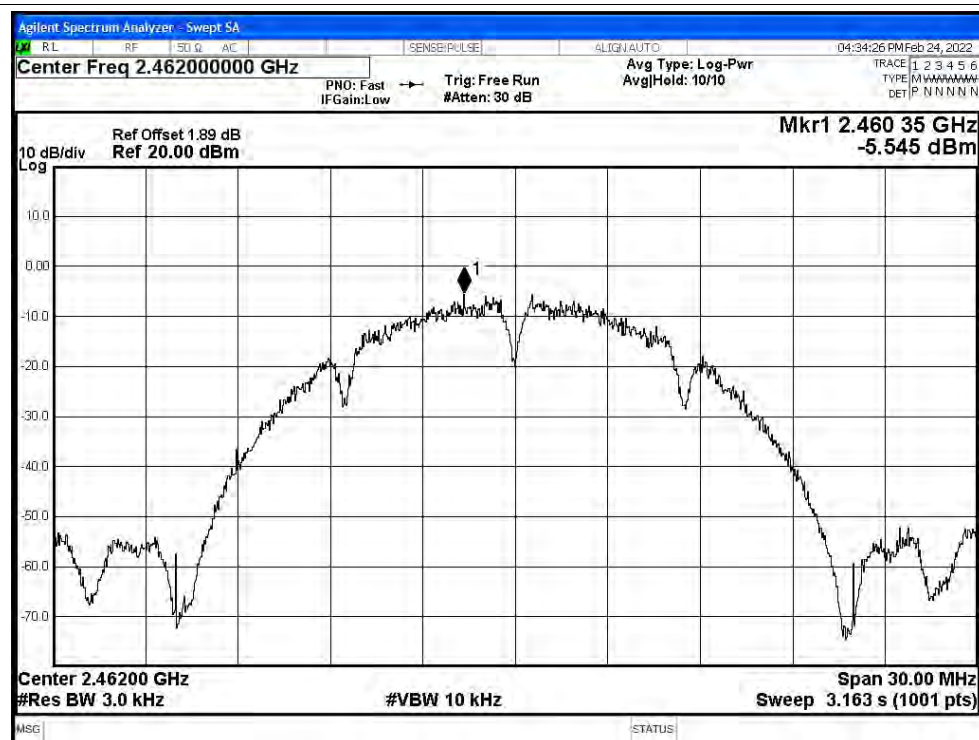


PSD NVNT b 2437MHz Ant1

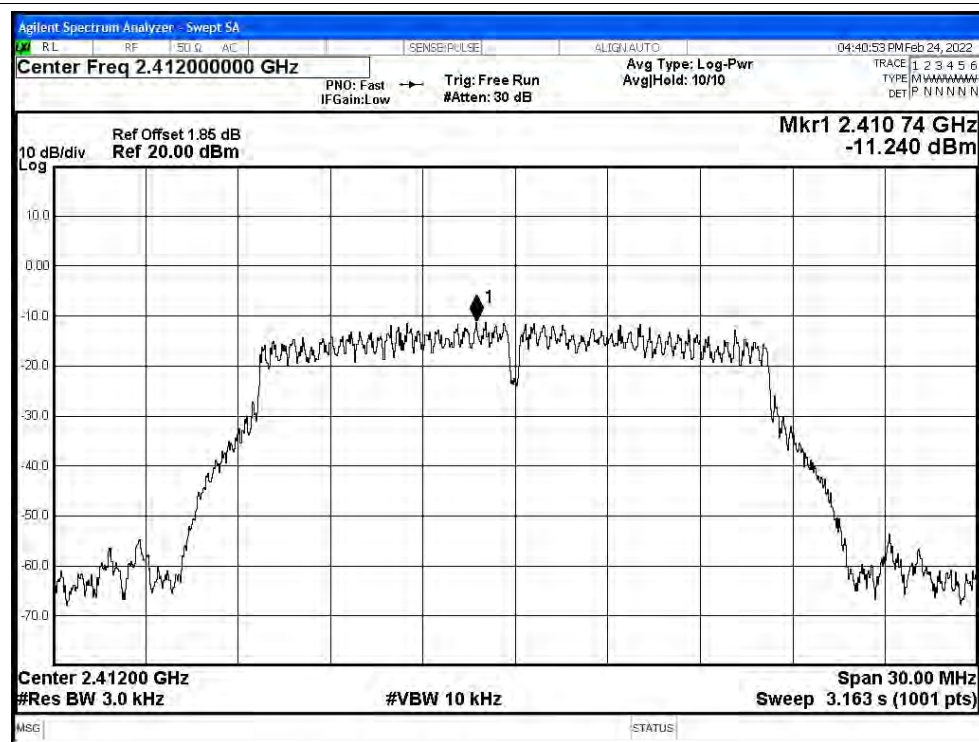




PSD NVNT b 2462MHz Ant1

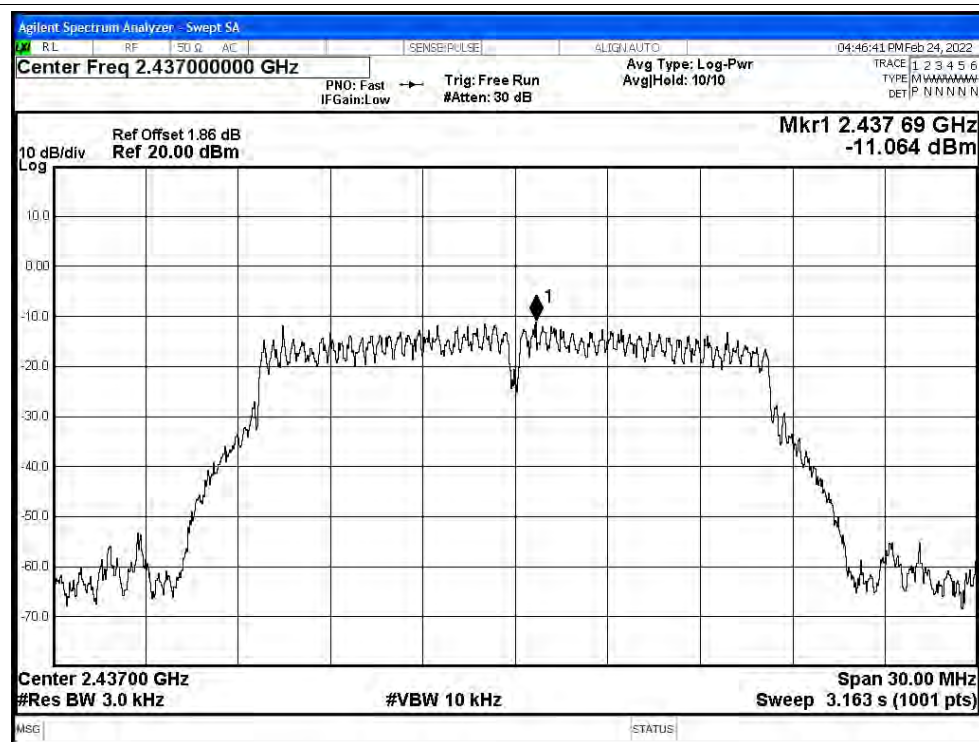


PSD NVNT g 2412MHz Ant1

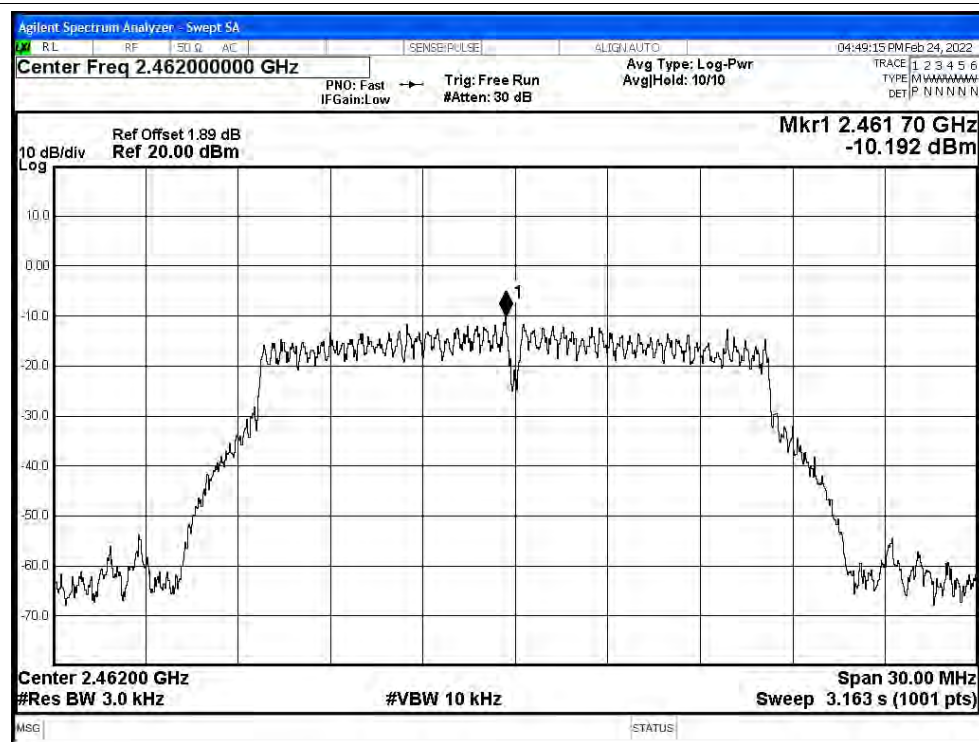




PSD NVNT g 2437MHz Ant1

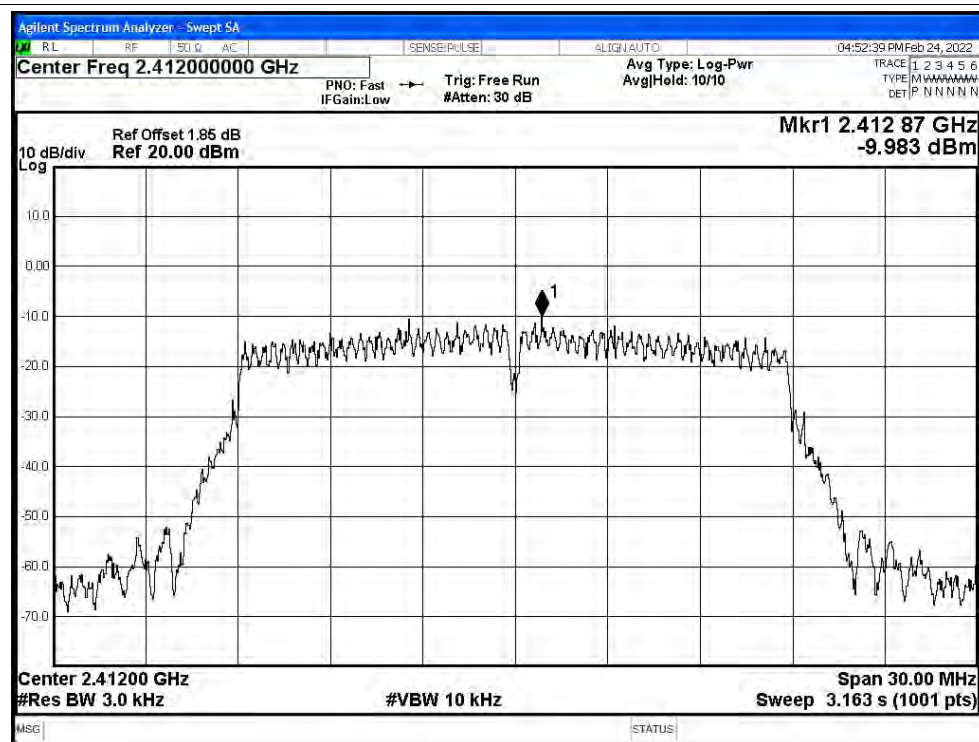


PSD NVNT g 2462MHz Ant1

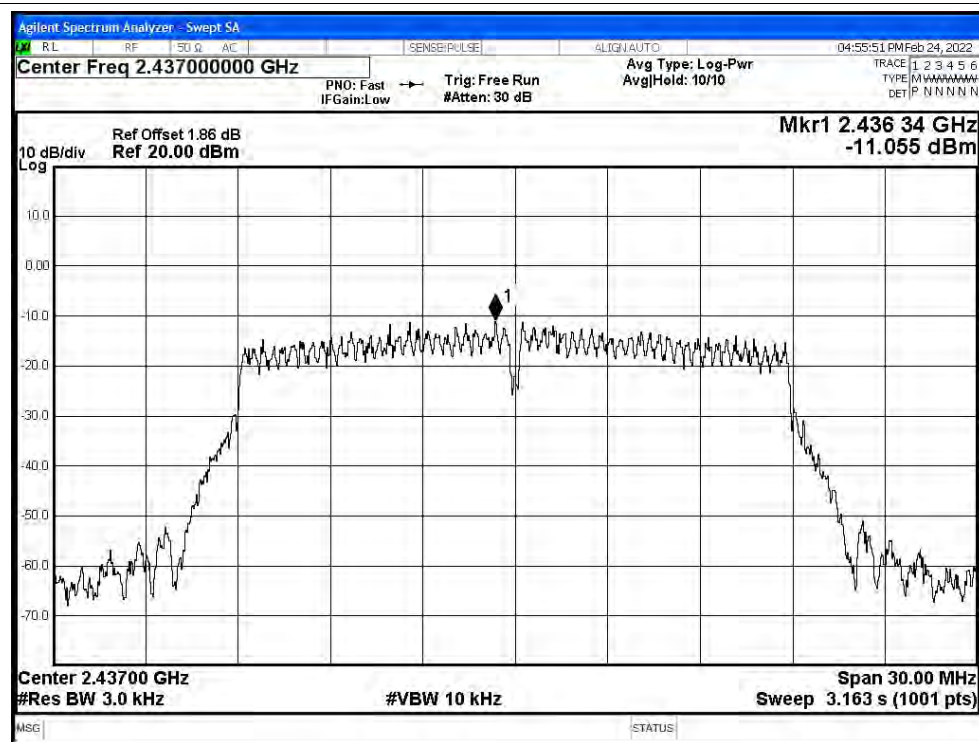




PSD NVNT n20 2412MHz Ant1

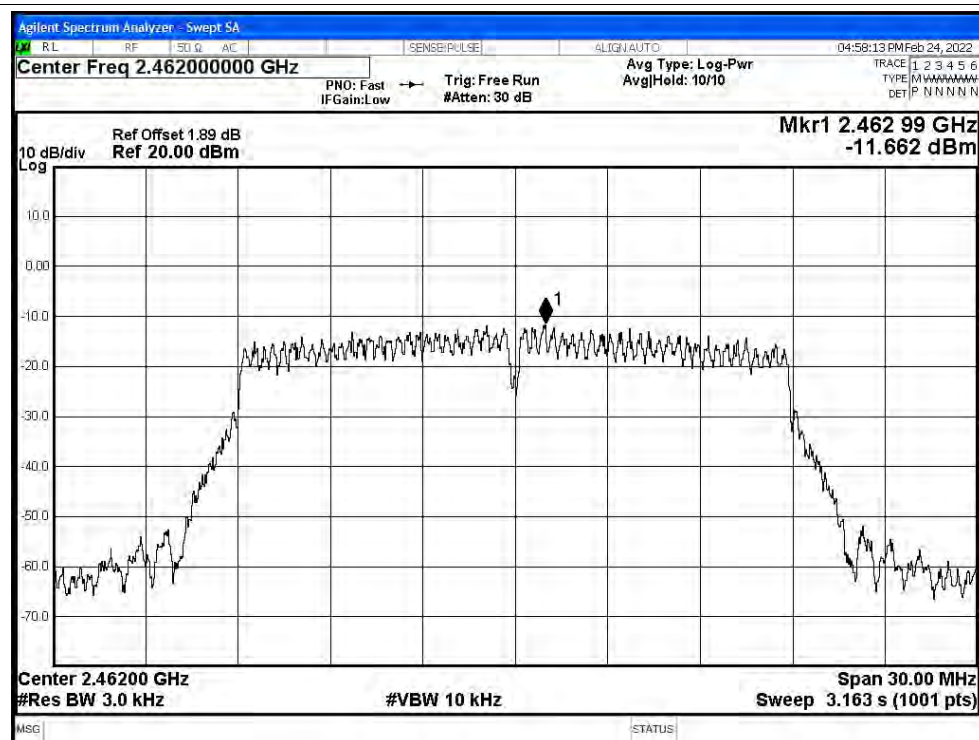


PSD NVNT n20 2437MHz Ant1

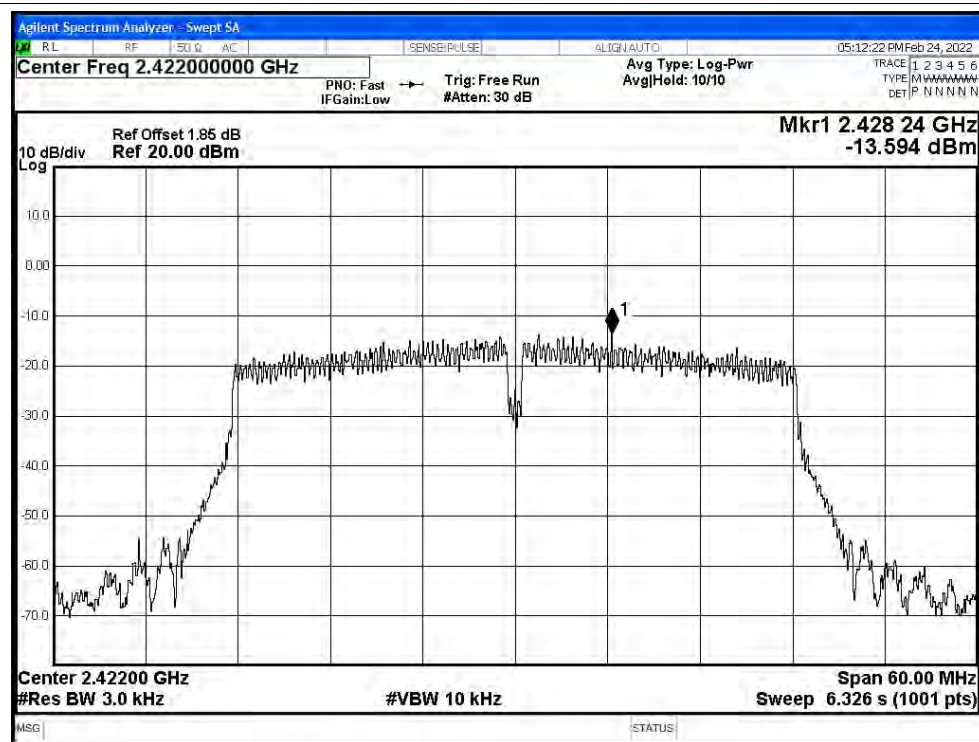




PSD NVNT n20 2462MHz Ant1

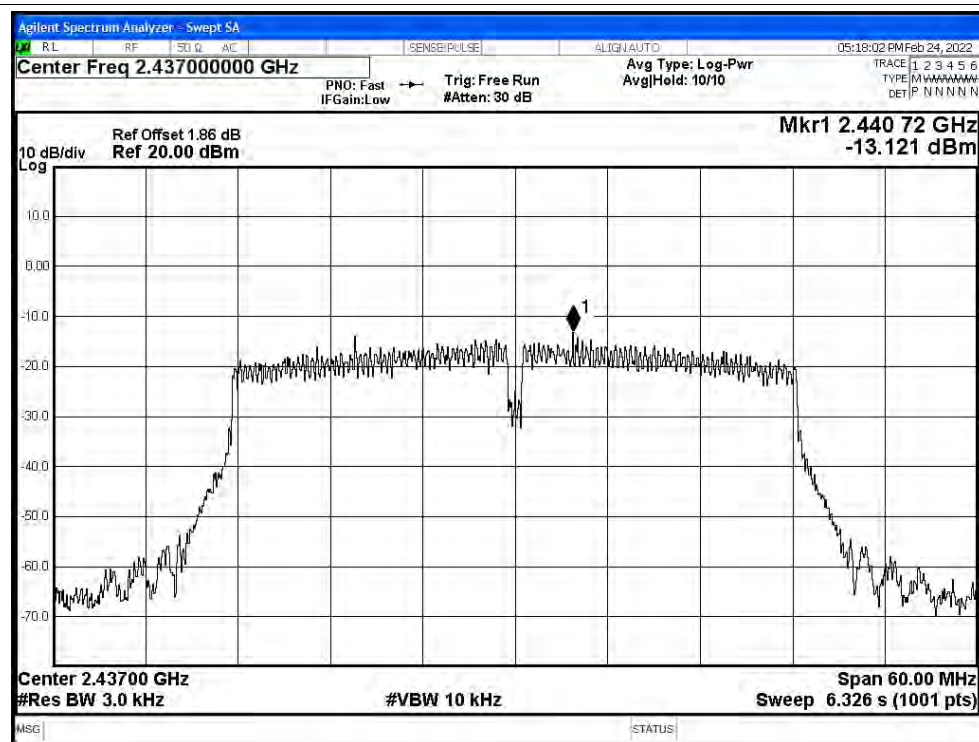


PSD NVNT n40 2422MHz Ant1

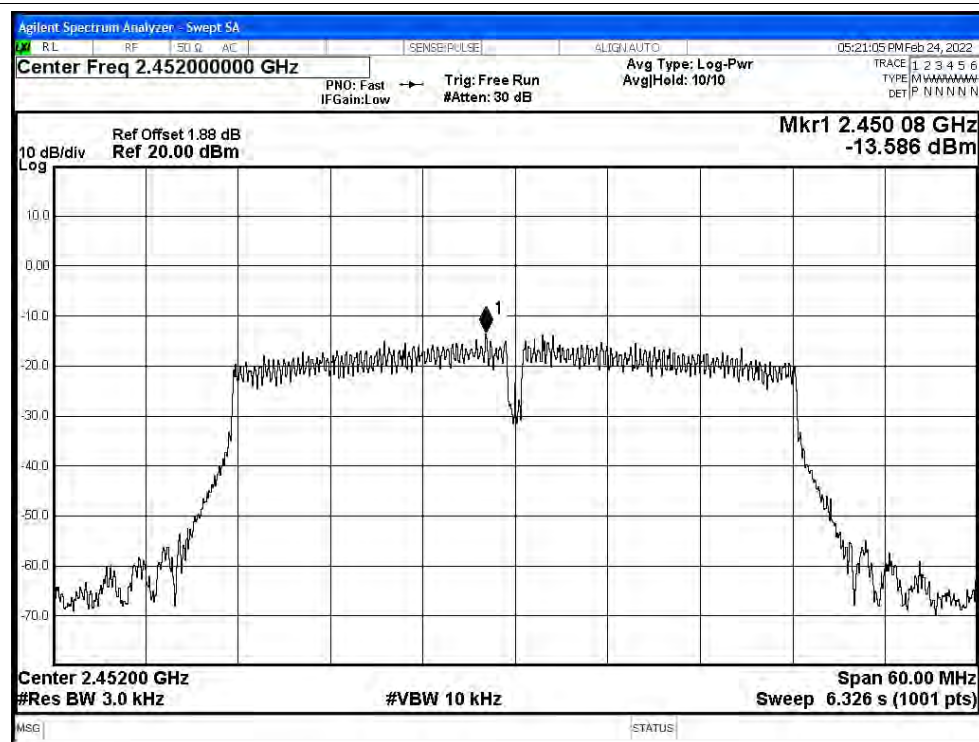




PSD NVNT n40 2437MHz Ant1

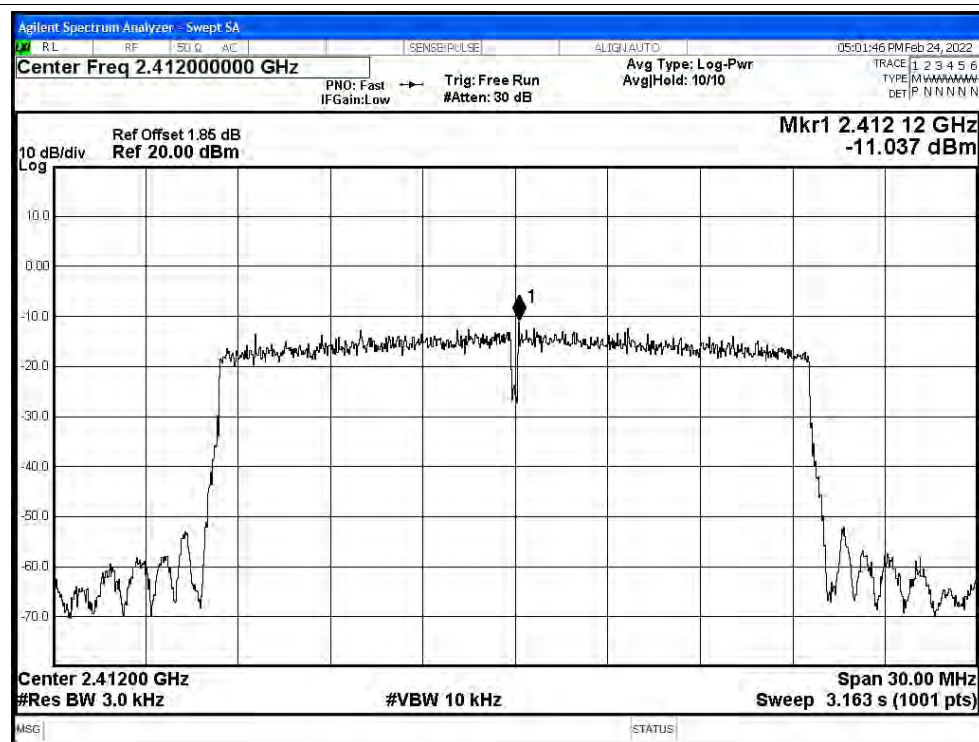


PSD NVNT n40 2452MHz Ant1

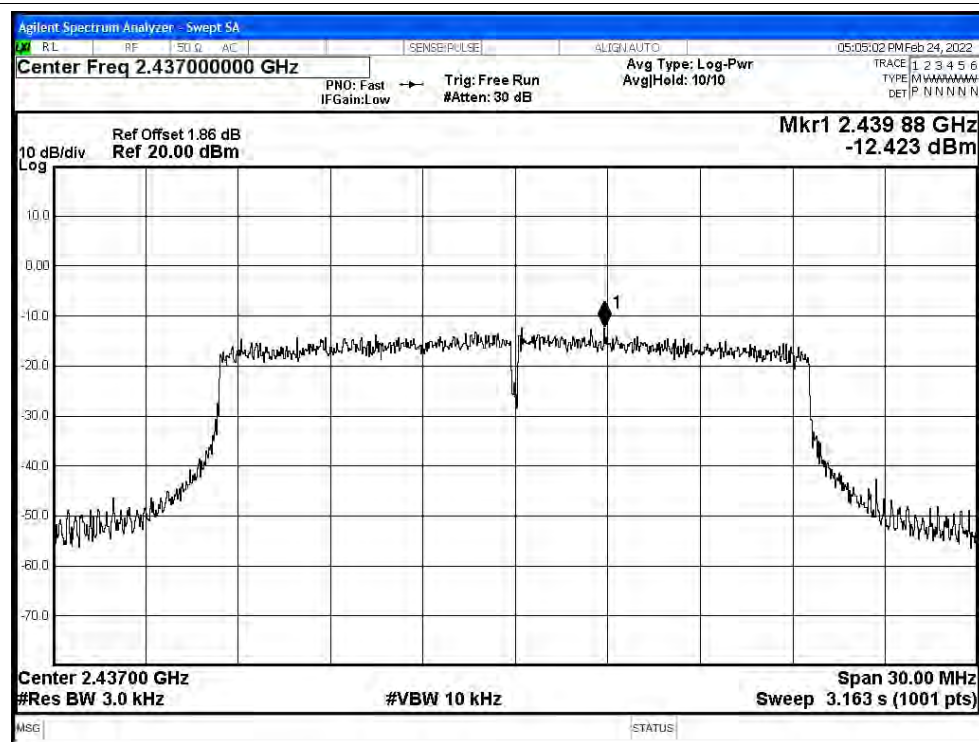




PSD NVNT ax20 2412MHz Ant1

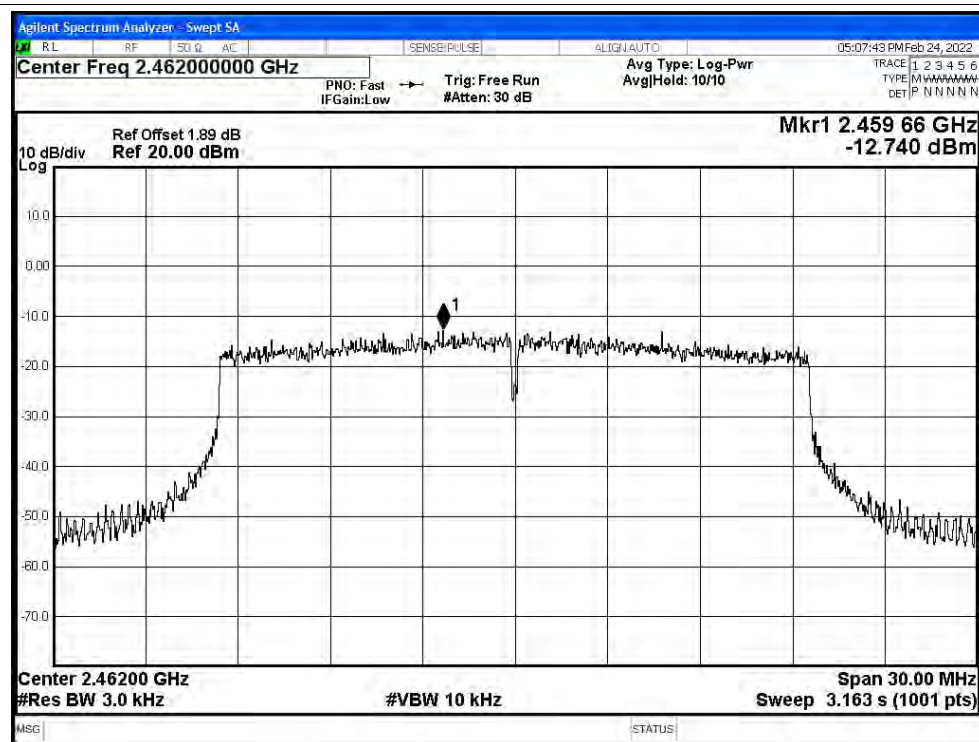


PSD NVNT ax20 2437MHz Ant1

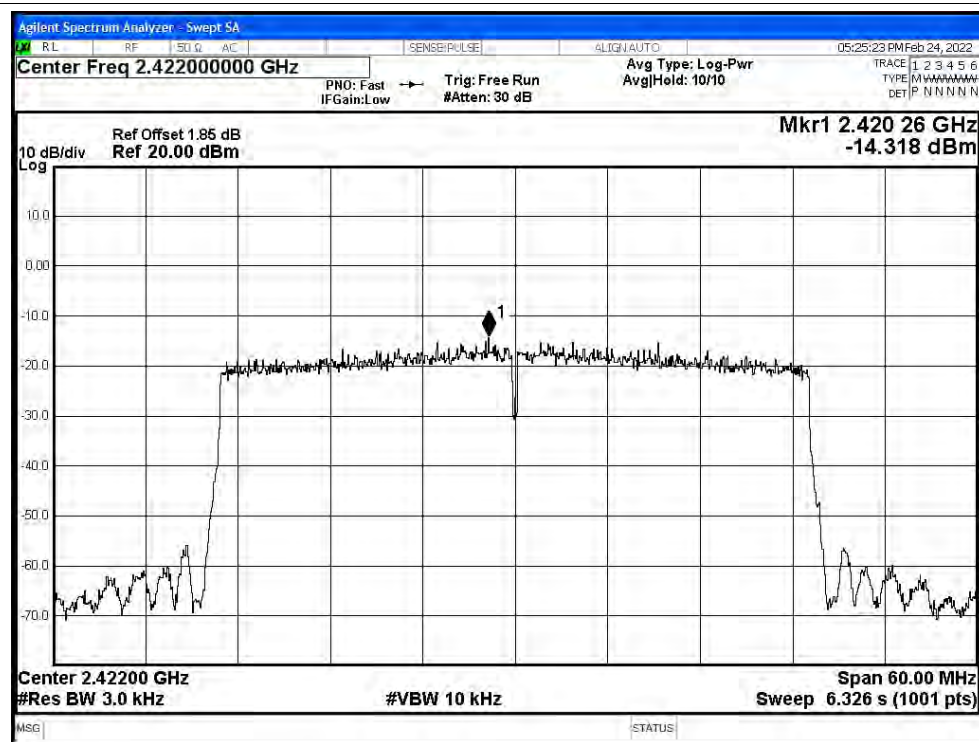




PSD NVNT ax20 2462MHz Ant1

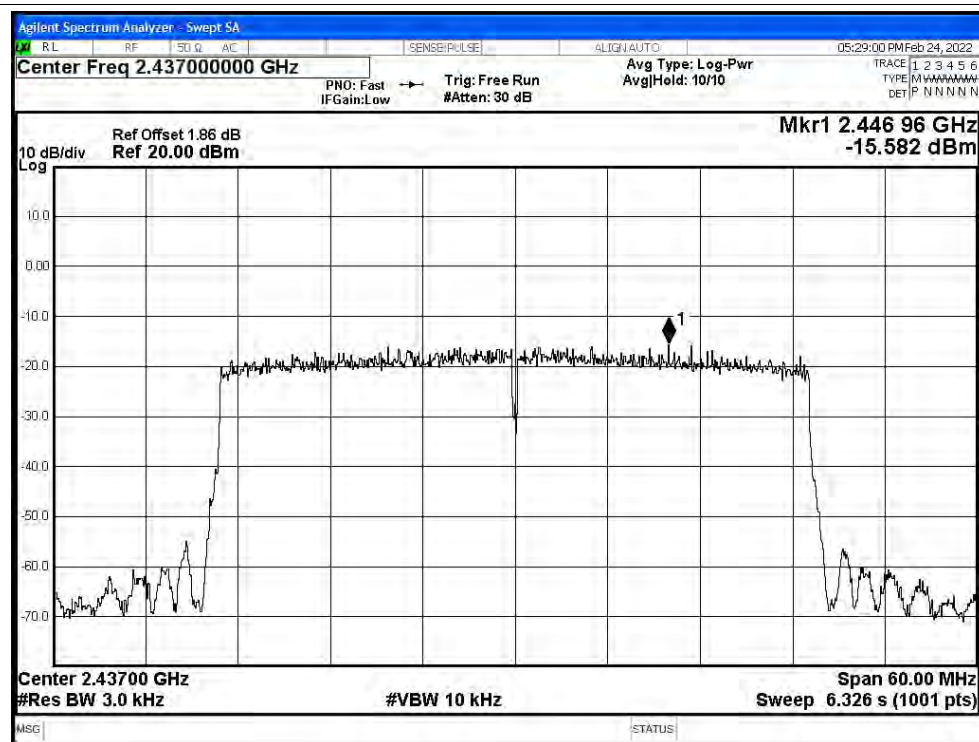


PSD NVNT ax40 2422MHz Ant1

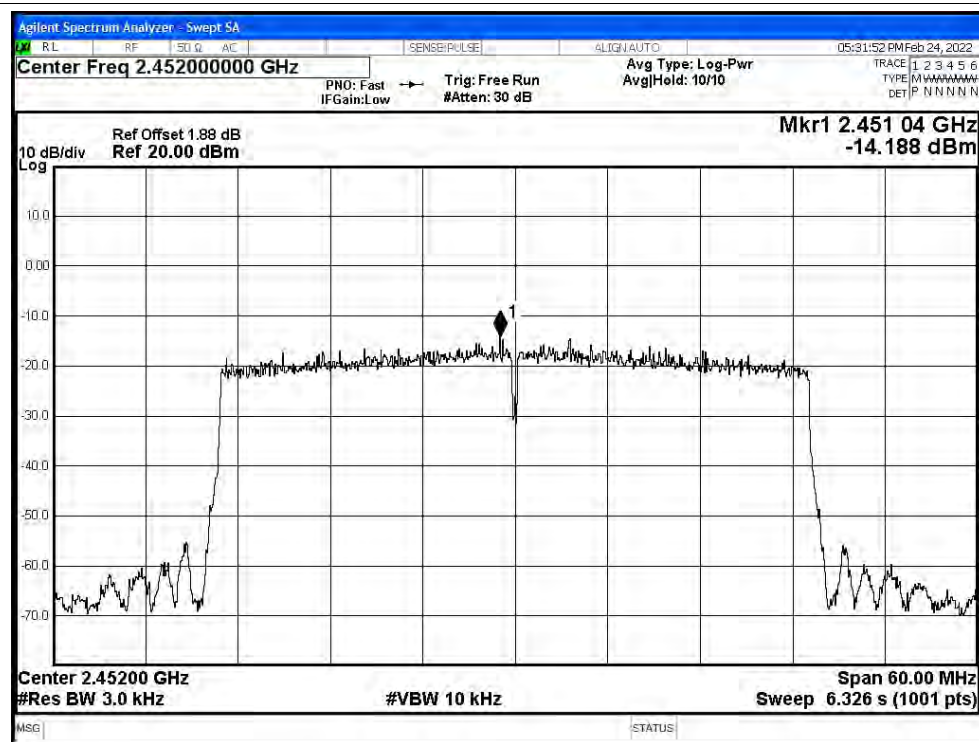




PSD NVNT ax40 2437MHz Ant1



PSD NVNT ax40 2452MHz Ant1





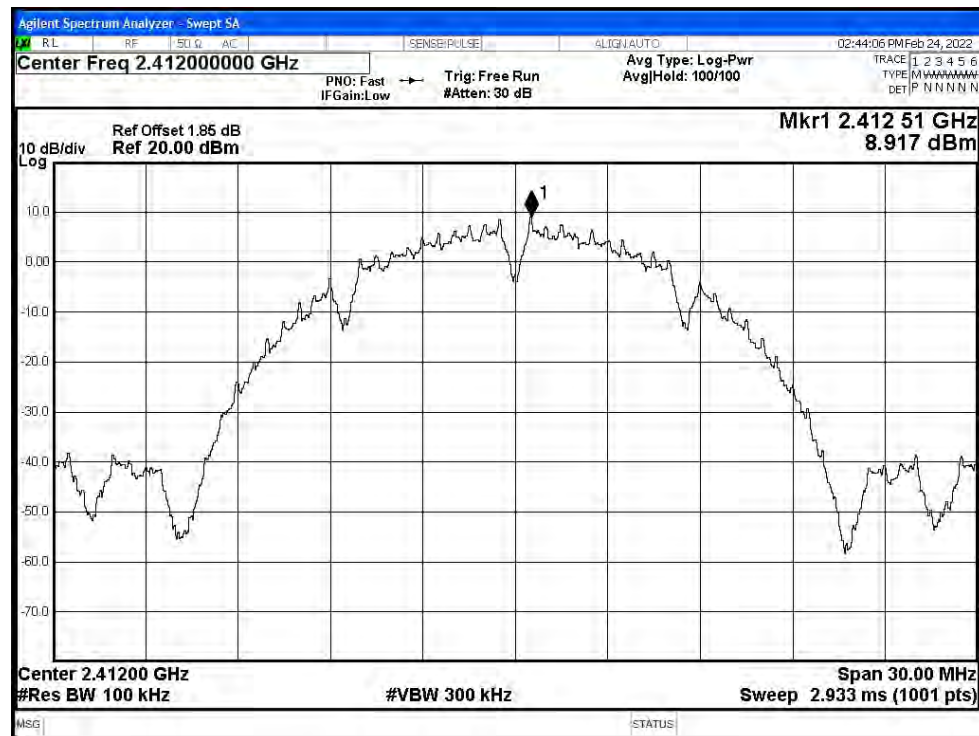
A.4 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant0	-46.85	-20	Pass
NVNT	b	2462	Ant0	-63.15	-20	Pass
NVNT	g	2412	Ant0	-44.66	-20	Pass
NVNT	g	2462	Ant0	-53.82	-20	Pass
NVNT	n20	2412	Ant0	-45.27	-20	Pass
NVNT	n20	2462	Ant0	-54.27	-20	Pass
NVNT	n40	2422	Ant0	-44.25	-20	Pass
NVNT	n40	2452	Ant0	-47.3	-20	Pass
NVNT	ax20	2412	Ant0	-48.19	-20	Pass
NVNT	ax20	2462	Ant0	-54.72	-20	Pass
NVNT	ax40	2422	Ant0	-45.83	-20	Pass
NVNT	ax40	2452	Ant0	-51.16	-20	Pass

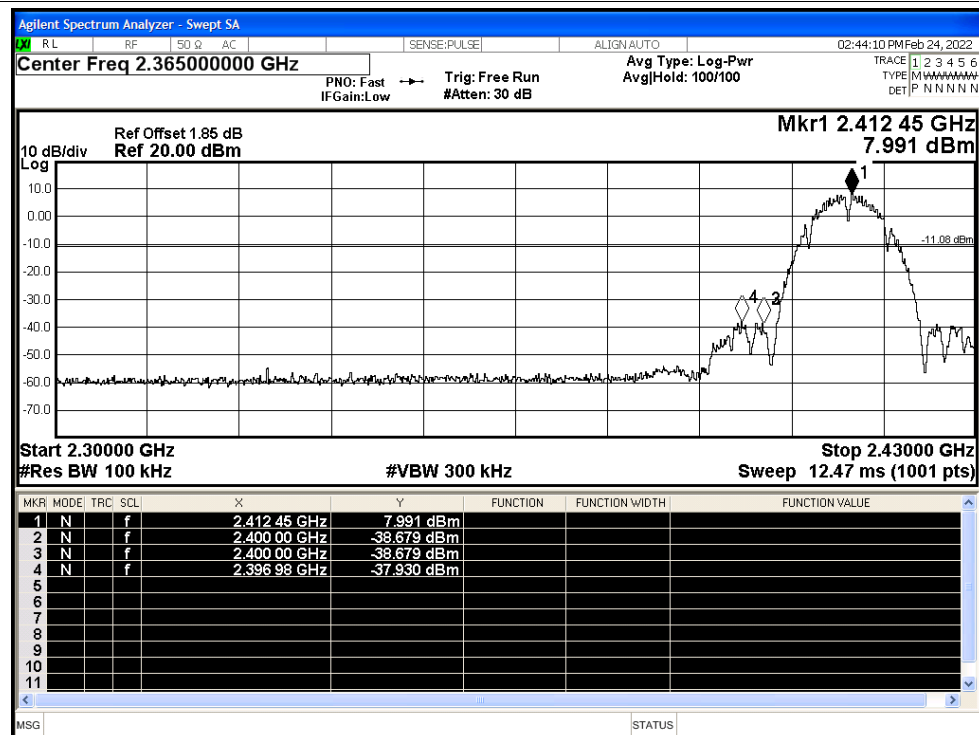


Test Graphs

Band Edge NVNT b 2412MHz Ant0 Ref

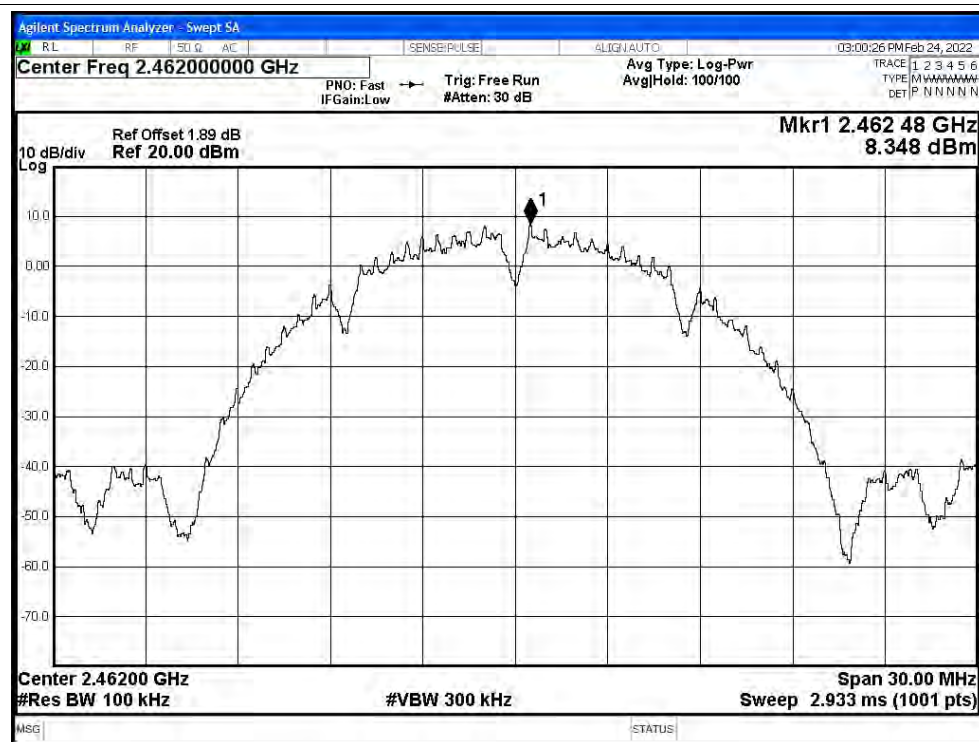


Band Edge NVNT b 2412MHz Ant0 Emission

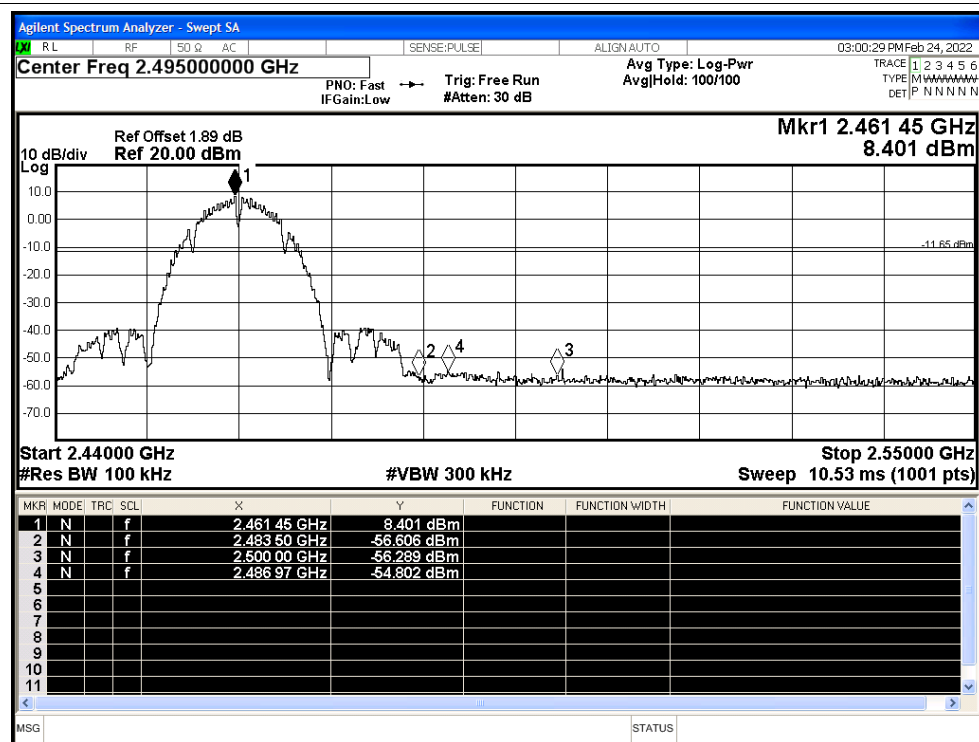




Band Edge NVNT b 2462MHz Ant0 Ref

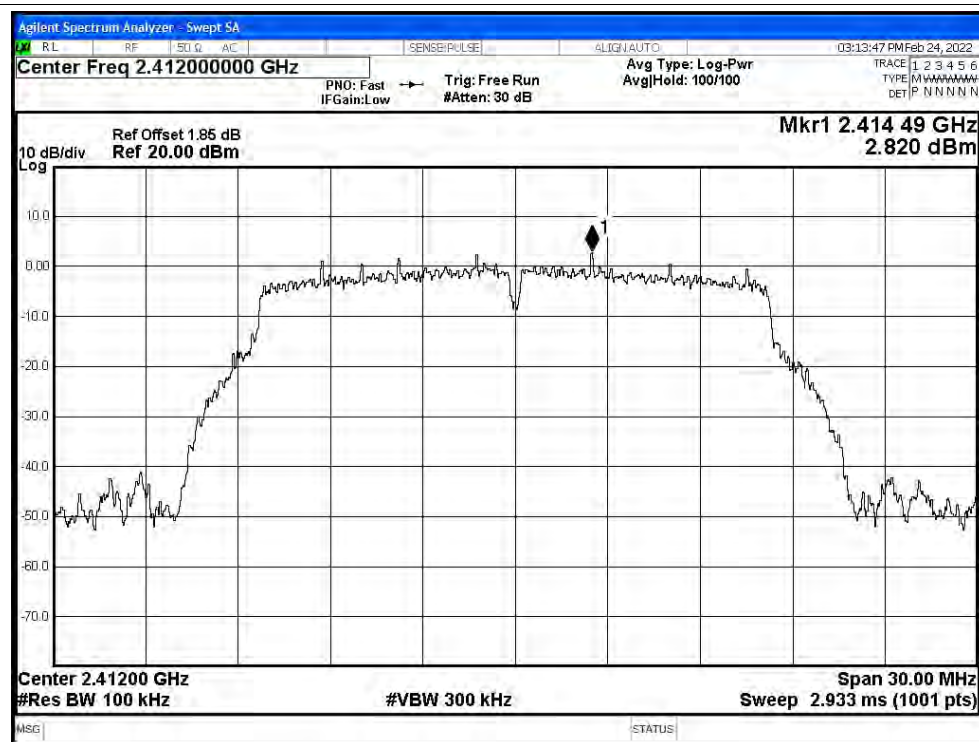


Band Edge NVNT b 2462MHz Ant0 Emission

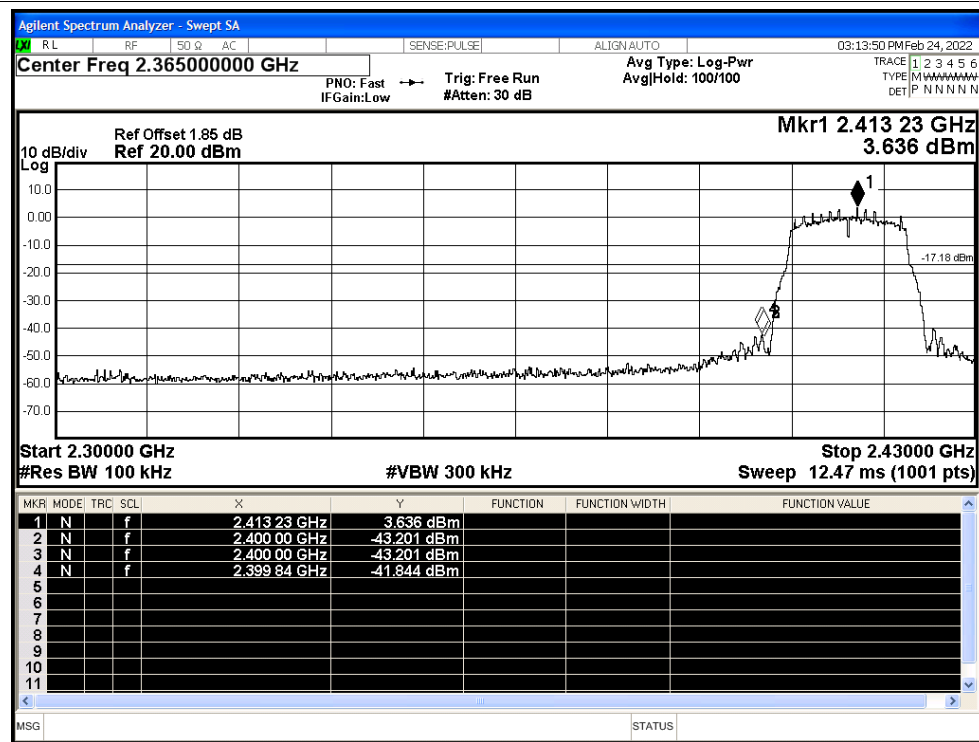




Band Edge NVNT g 2412MHz Ant0 Ref

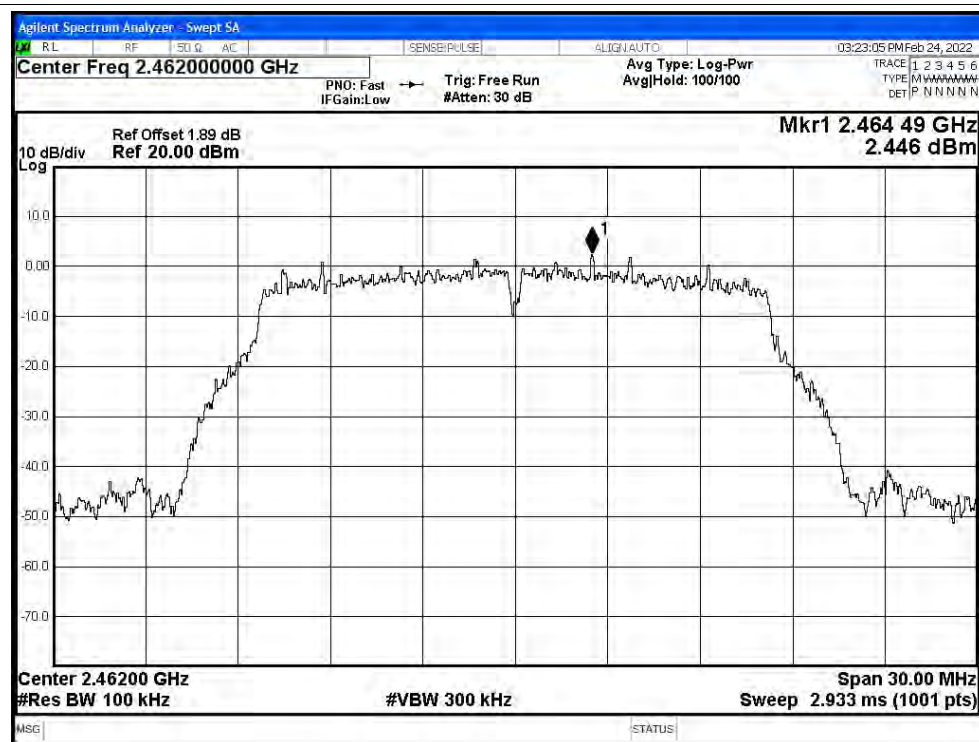


Band Edge NVNT g 2412MHz Ant0 Emission

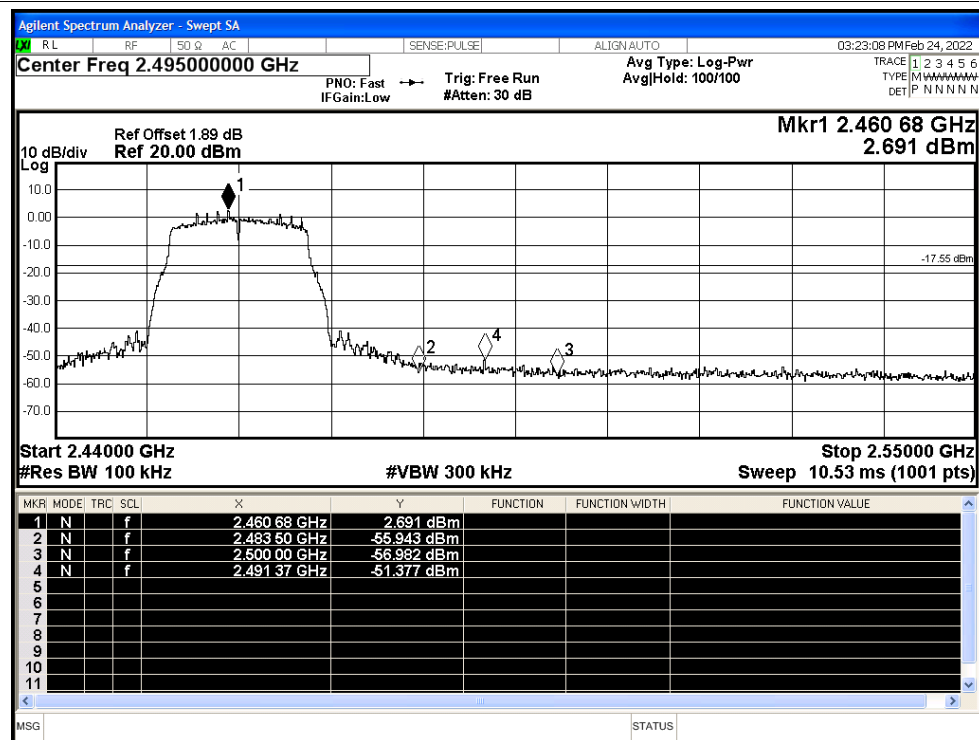




Band Edge NVNT g 2462MHz Ant0 Ref

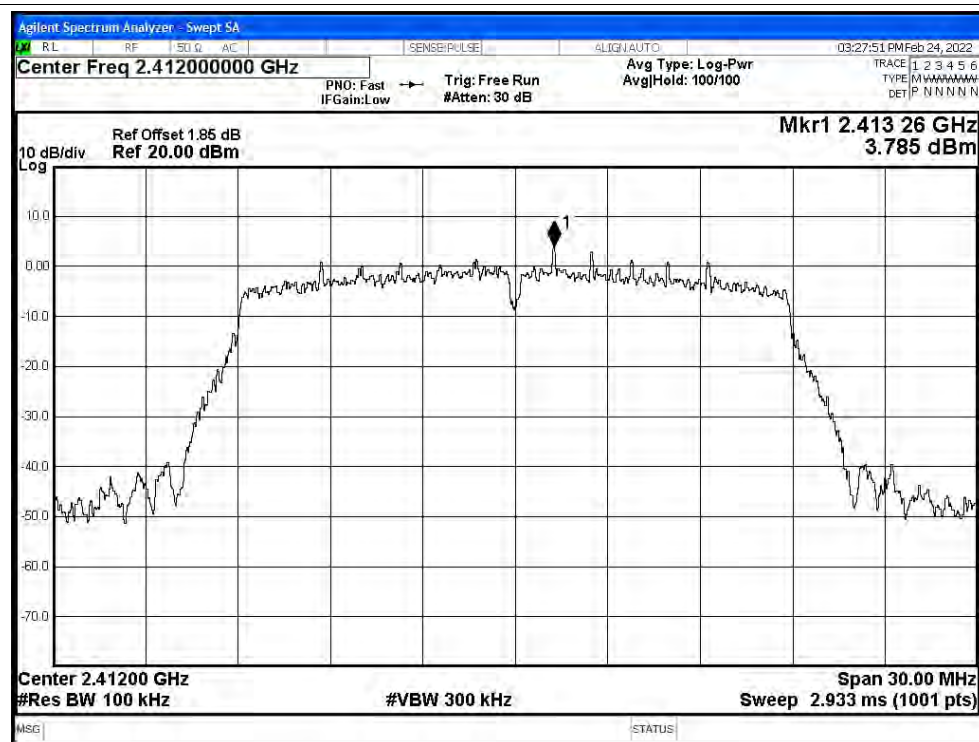


Band Edge NVNT g 2462MHz Ant0 Emission

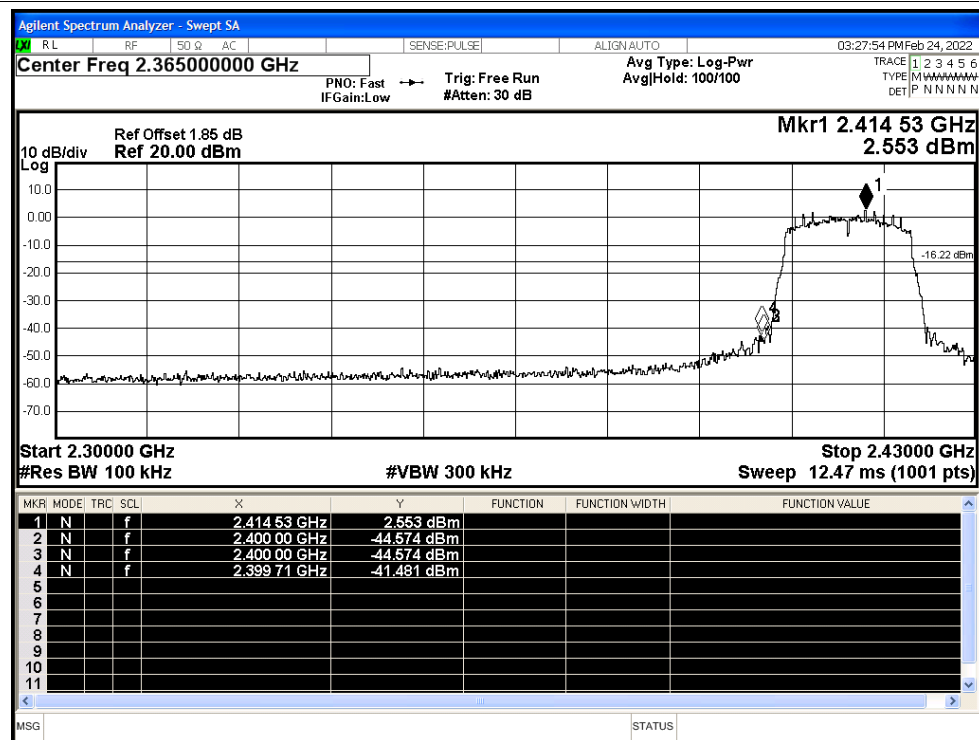




Band Edge NVNT n20 2412MHz Ant0 Ref

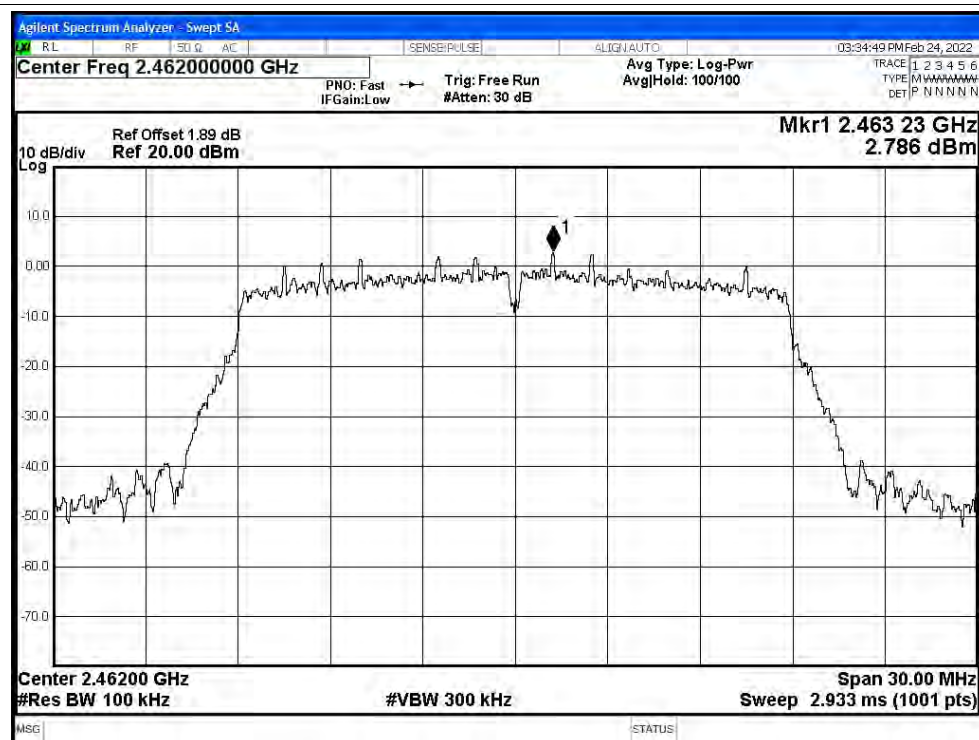


Band Edge NVNT n20 2412MHz Ant0 Emission

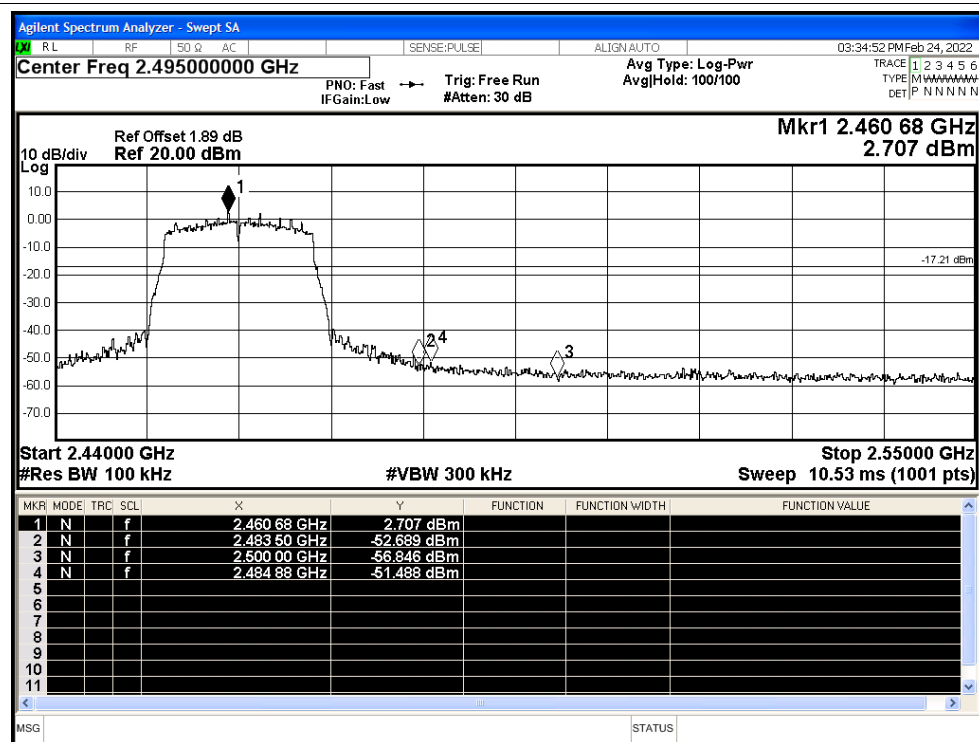




Band Edge NVNT n20 2462MHz Ant0 Ref

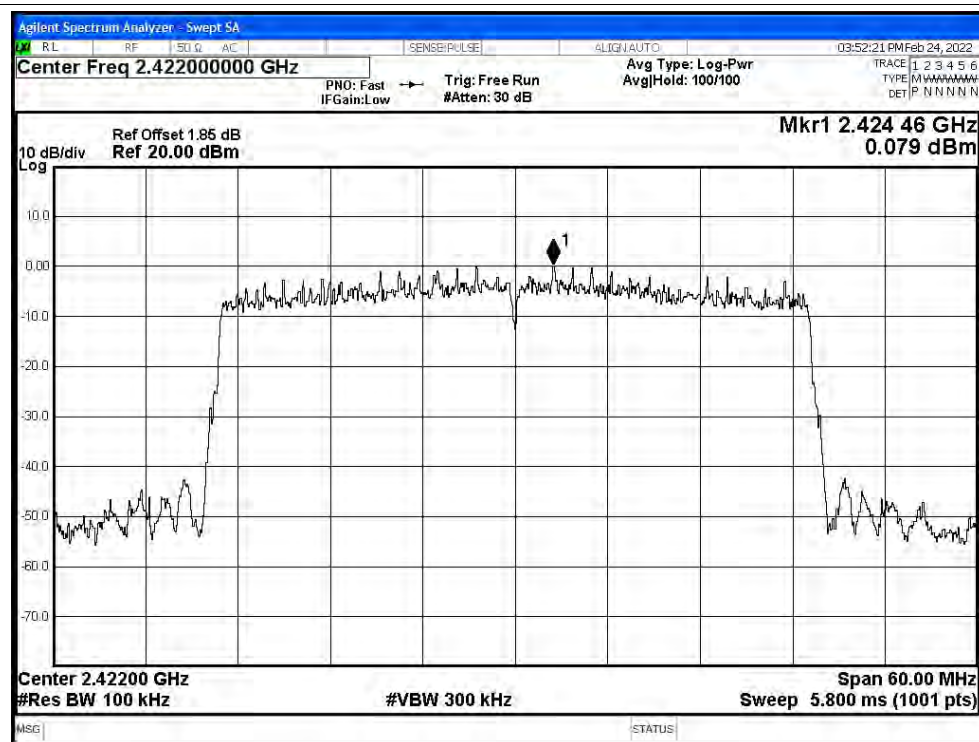


Band Edge NVNT n20 2462MHz Ant0 Emission

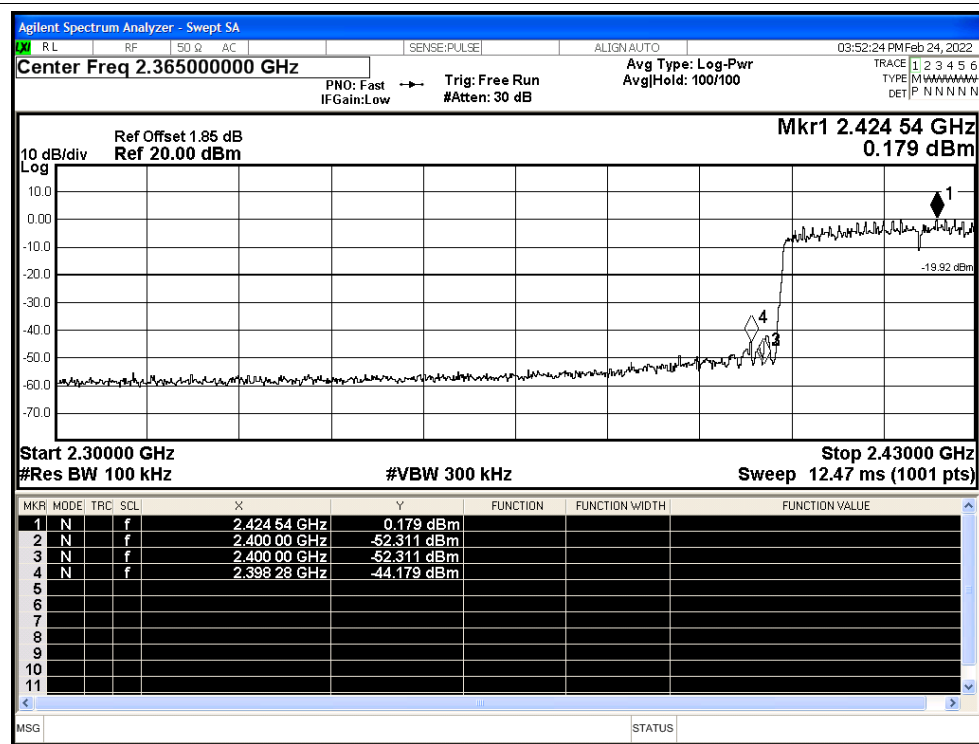




Band Edge NVNT n40 2422MHz Ant0 Ref

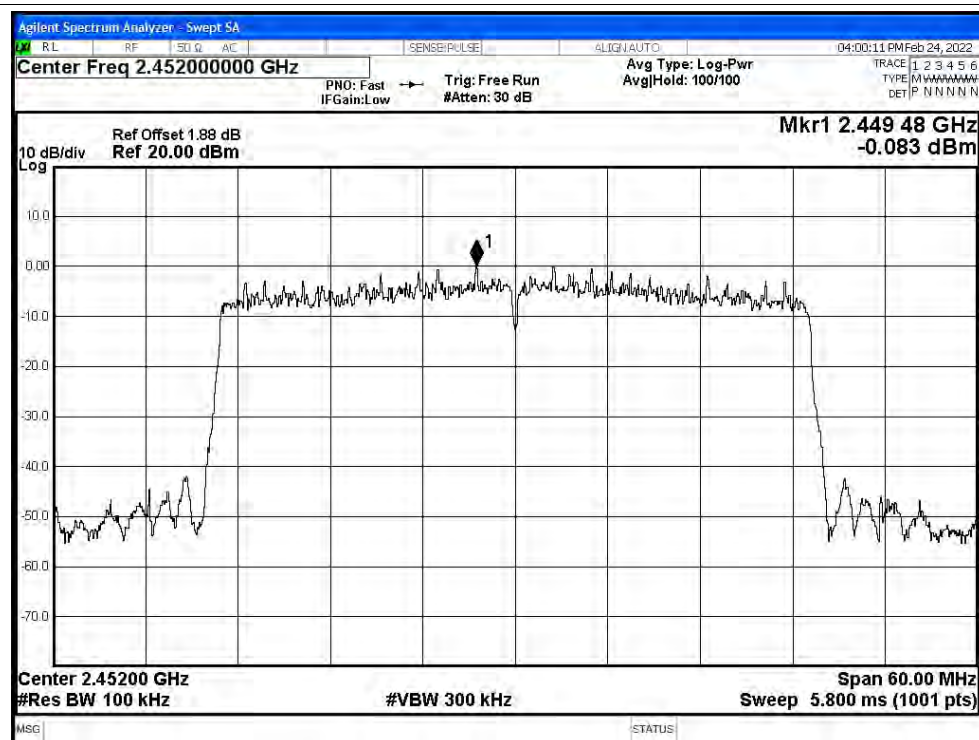


Band Edge NVNT n40 2422MHz Ant0 Emission

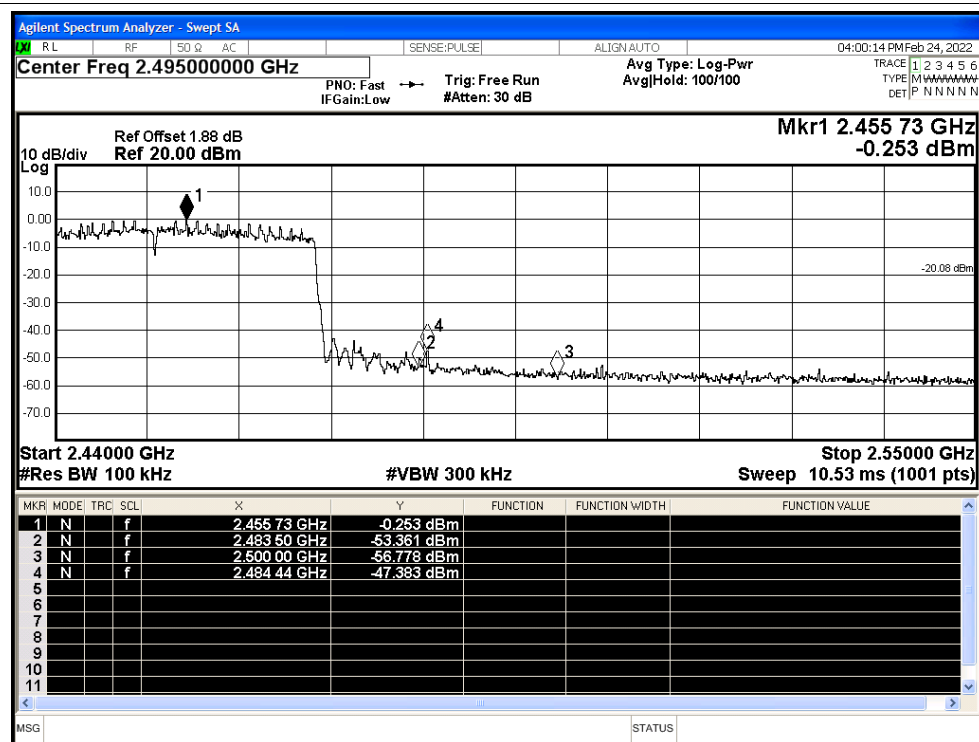




Band Edge NVNT n40 2452MHz Ant0 Ref

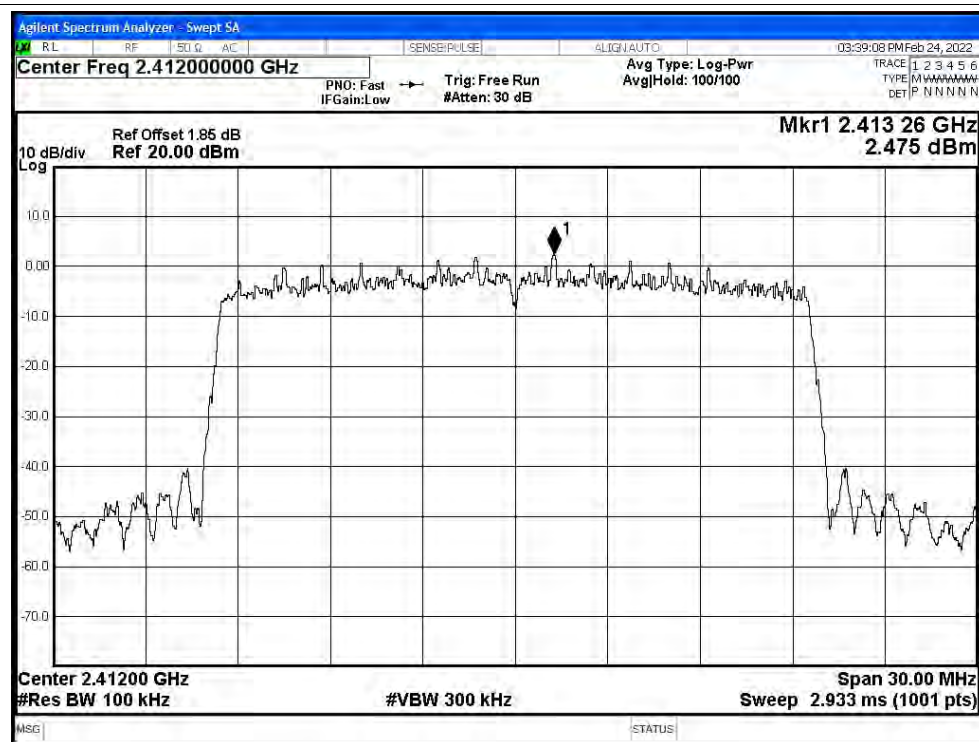


Band Edge NVNT n40 2452MHz Ant0 Emission

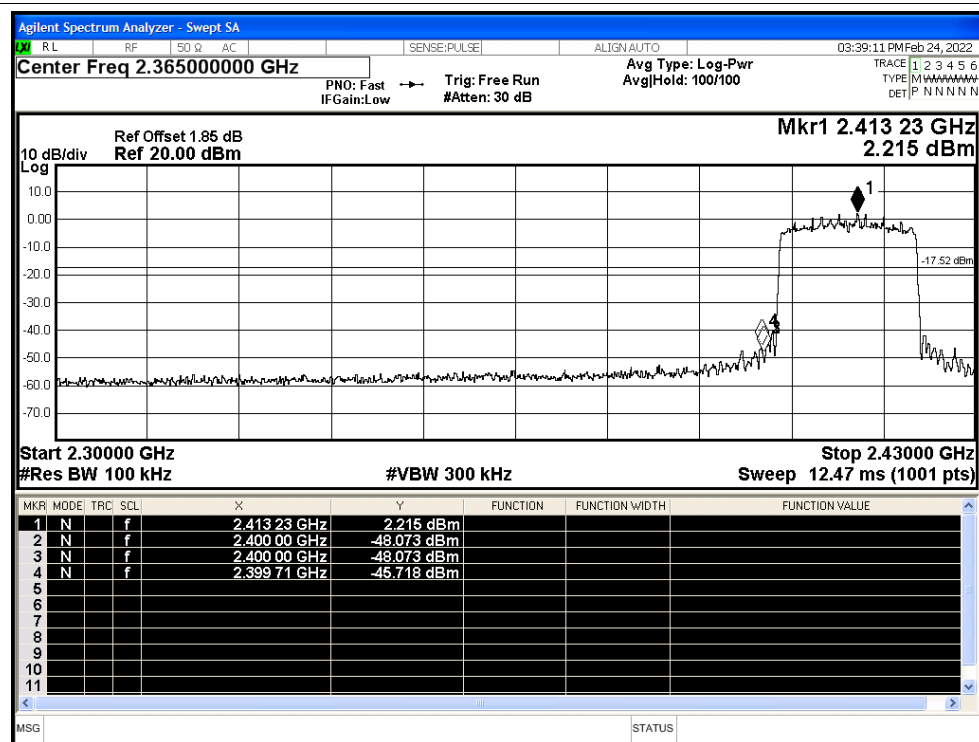




Band Edge NVNT ax20 2412MHz Ant0 Ref

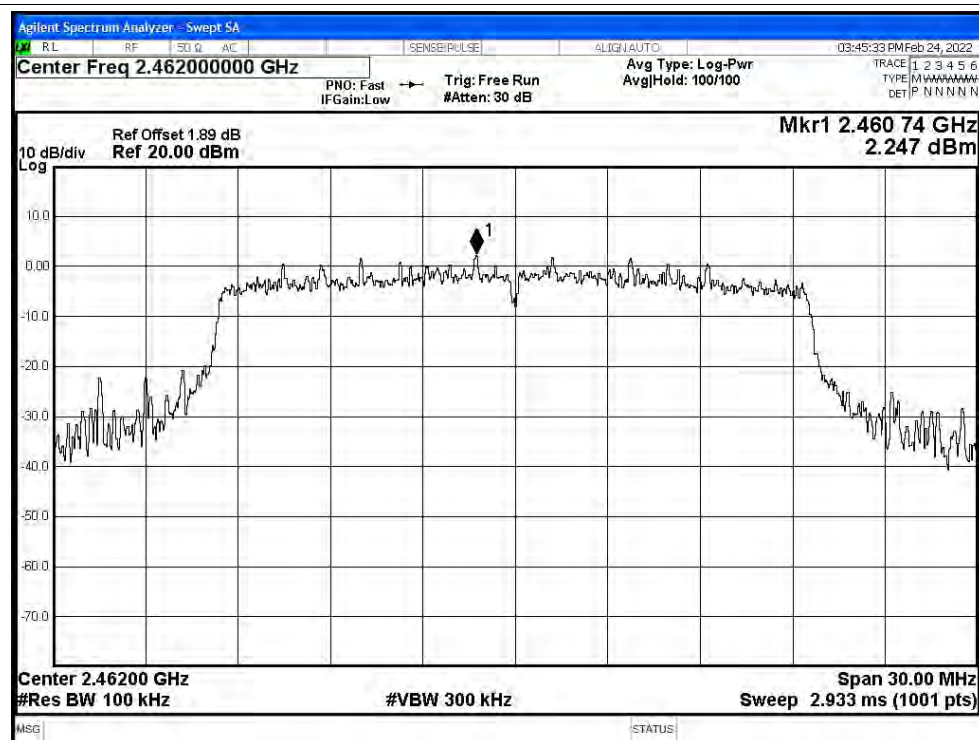


Band Edge NVNT ax20 2412MHz Ant0 Emission

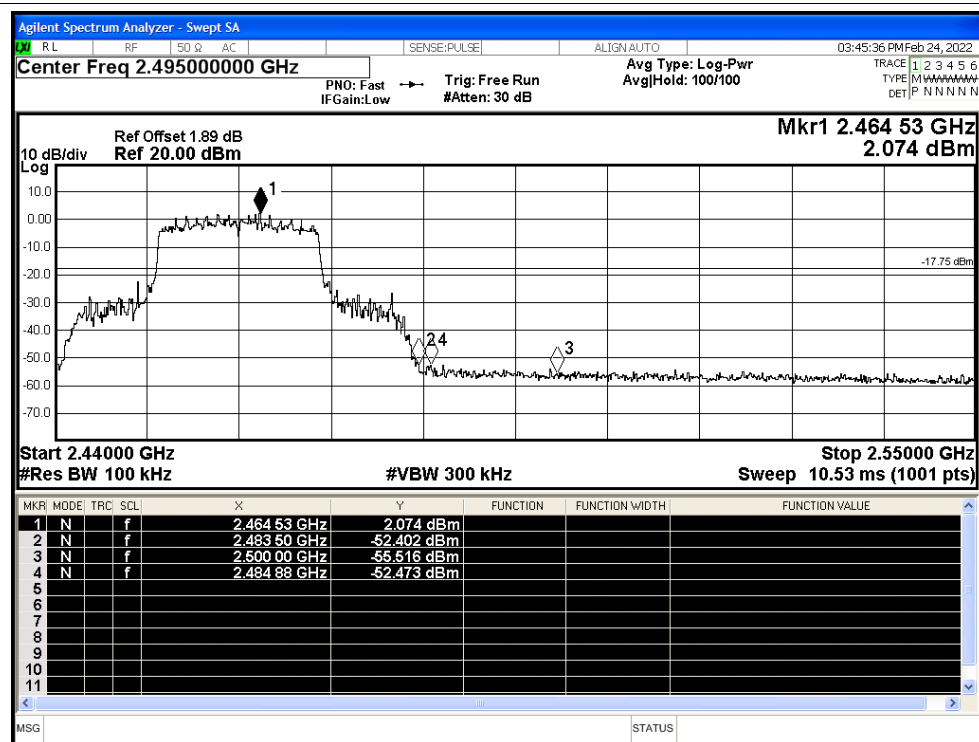




Band Edge NVNT ax20 2462MHz Ant0 Ref

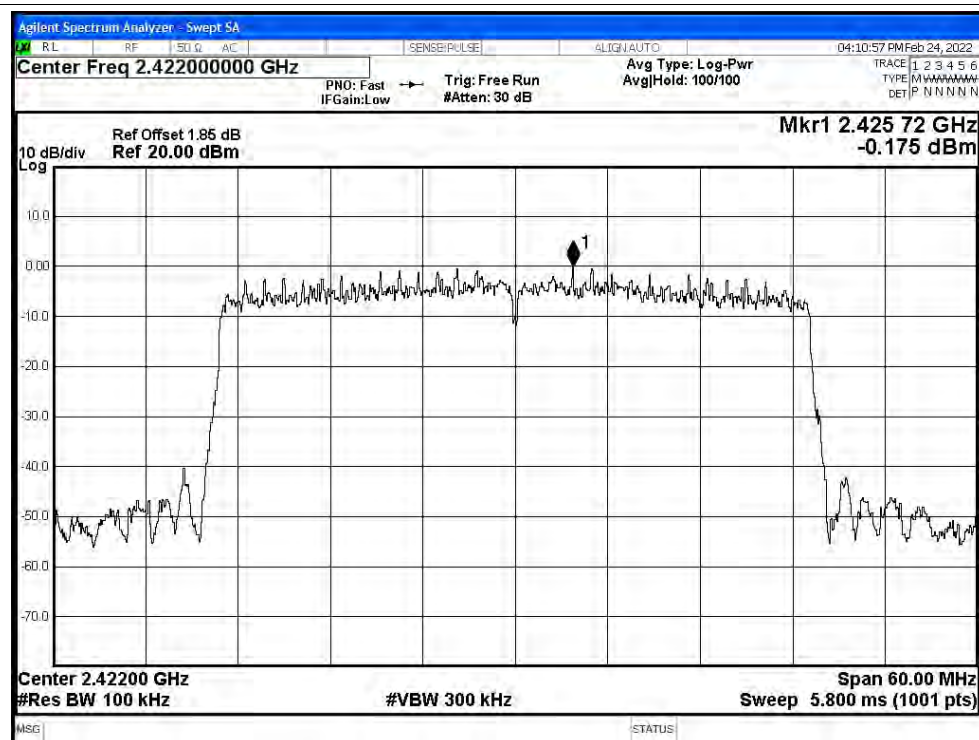


Band Edge NVNT ax20 2462MHz Ant0 Emission

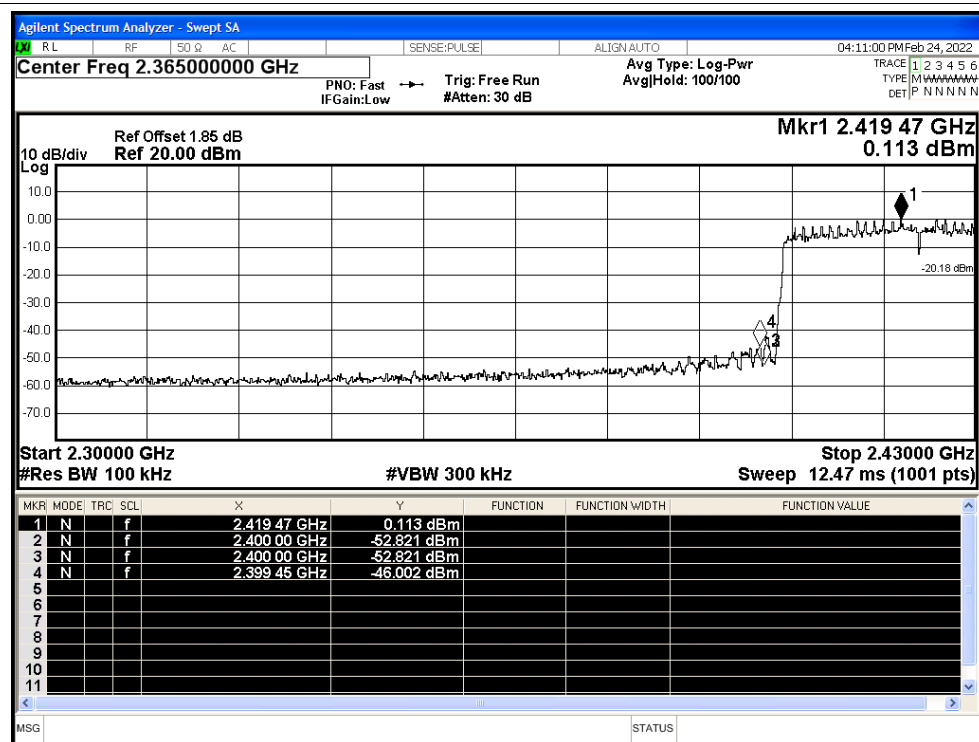




Band Edge NVNT ax40 2422MHz Ant0 Ref

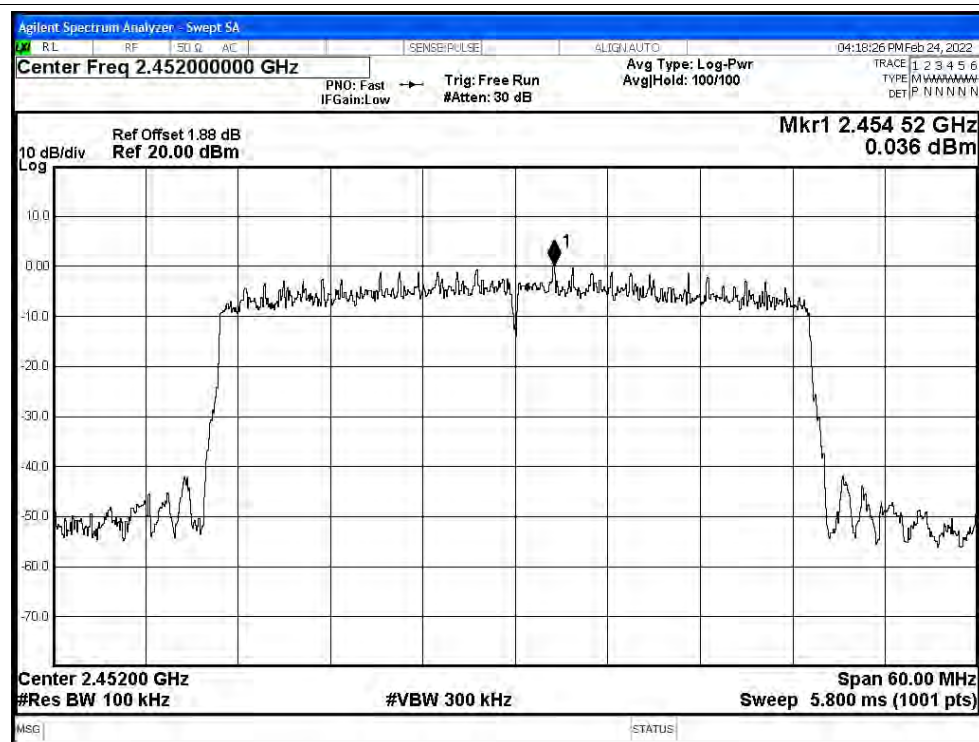


Band Edge NVNT ax40 2422MHz Ant0 Emission

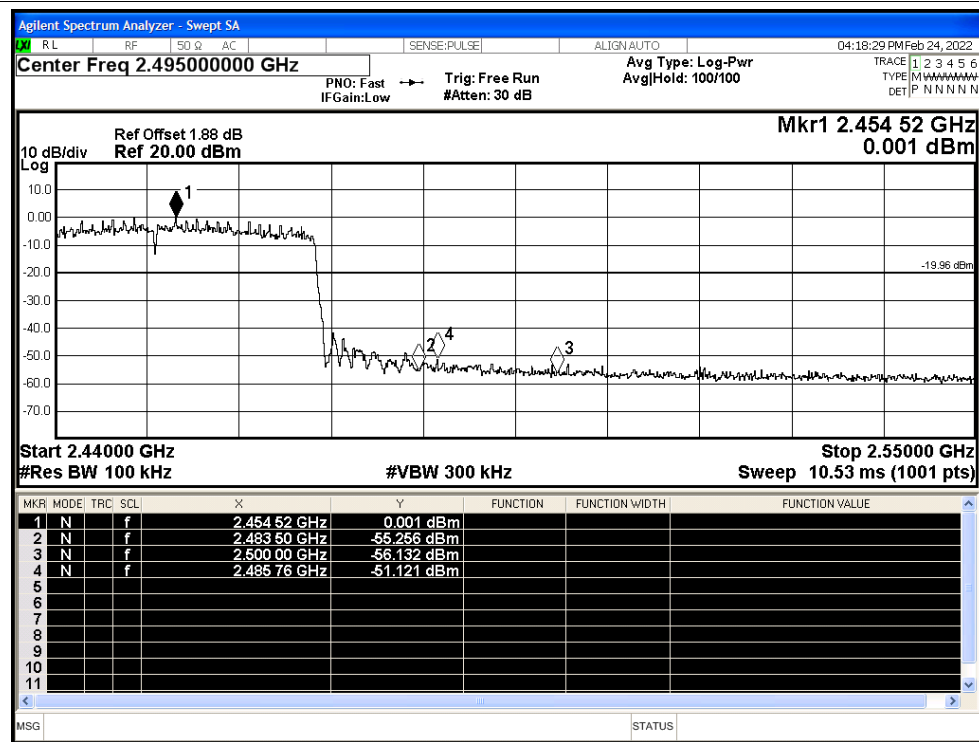




Band Edge NVNT ax40 2452MHz Ant0 Ref



Band Edge NVNT ax40 2452MHz Ant0 Emission



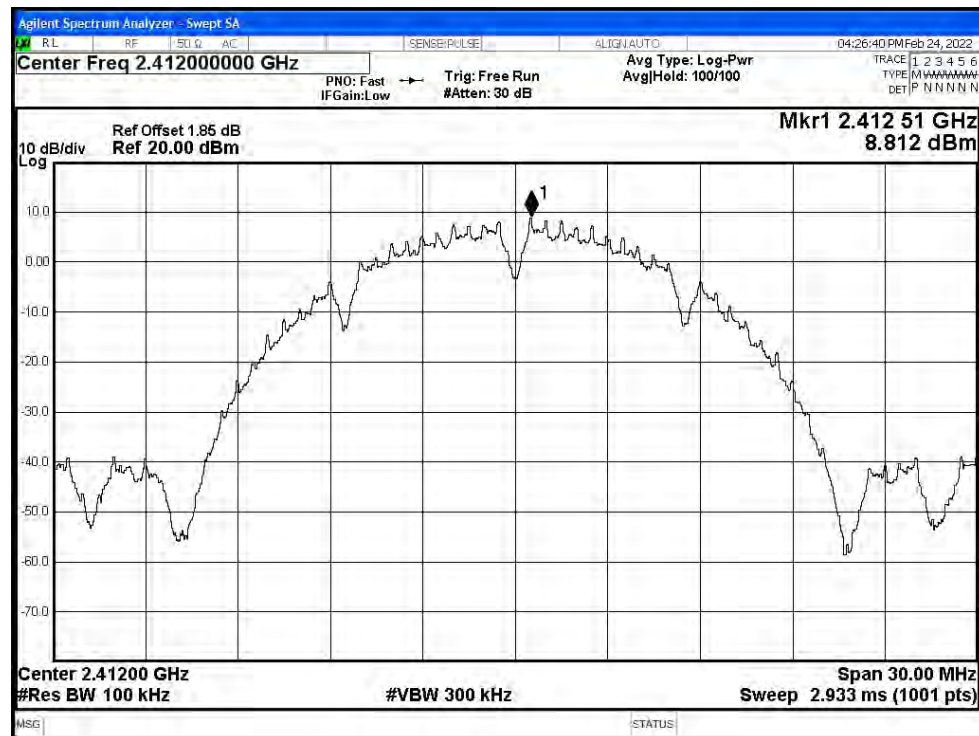


Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-47.21	-20	Pass
NVNT	b	2462	Ant1	-62.02	-20	Pass
NVNT	g	2412	Ant1	-43.37	-20	Pass
NVNT	g	2462	Ant1	-53.99	-20	Pass
NVNT	n20	2412	Ant1	-43.43	-20	Pass
NVNT	n20	2462	Ant1	-53.46	-20	Pass
NVNT	n40	2422	Ant1	-43.4	-20	Pass
NVNT	n40	2452	Ant1	-49.13	-20	Pass
NVNT	ax20	2412	Ant1	-48.06	-20	Pass
NVNT	ax20	2462	Ant1	-55.01	-20	Pass
NVNT	ax40	2422	Ant1	-46.07	-20	Pass
NVNT	ax40	2452	Ant1	-50.07	-20	Pass

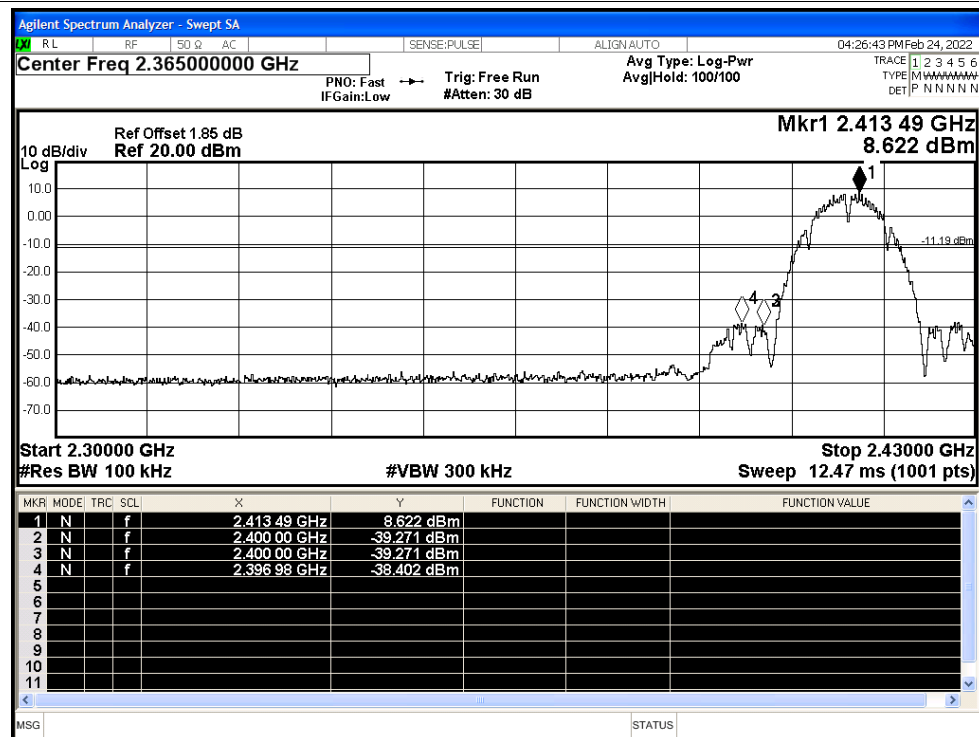


Test Graphs

Band Edge NVNT b 2412MHz Ant1 Ref

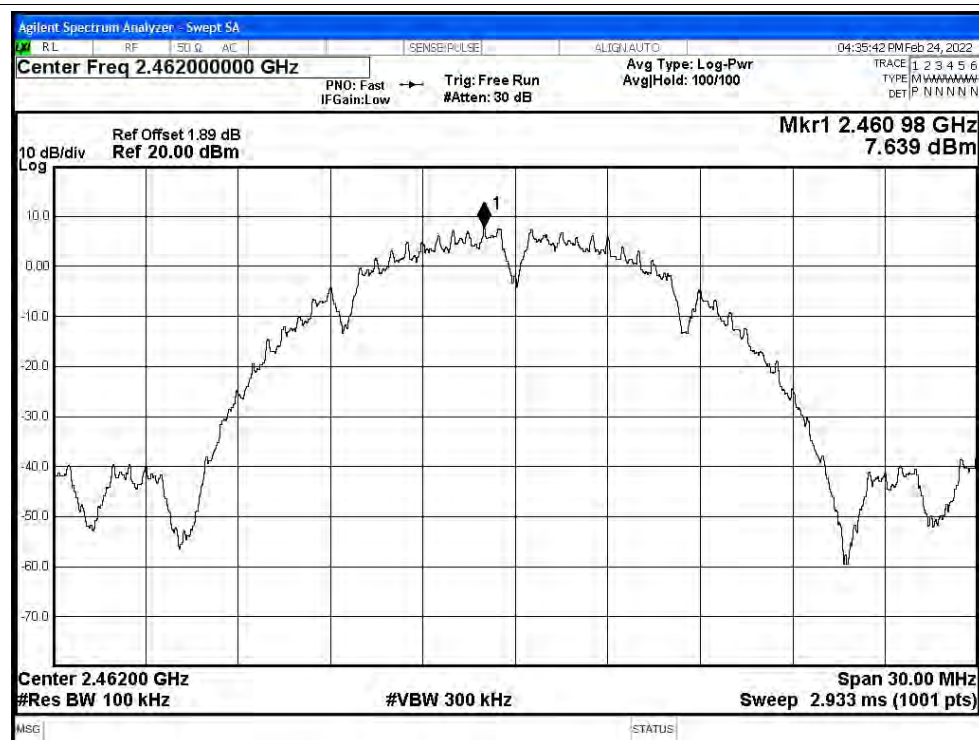


Band Edge NVNT b 2412MHz Ant1 Emission

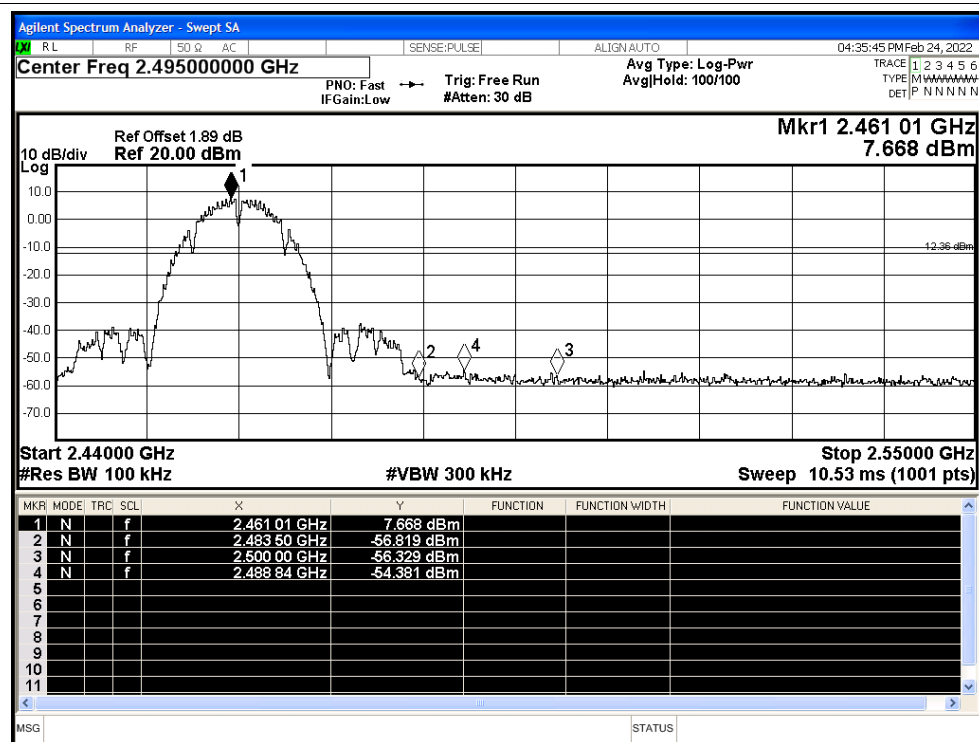




Band Edge NVNT b 2462MHz Ant1 Ref

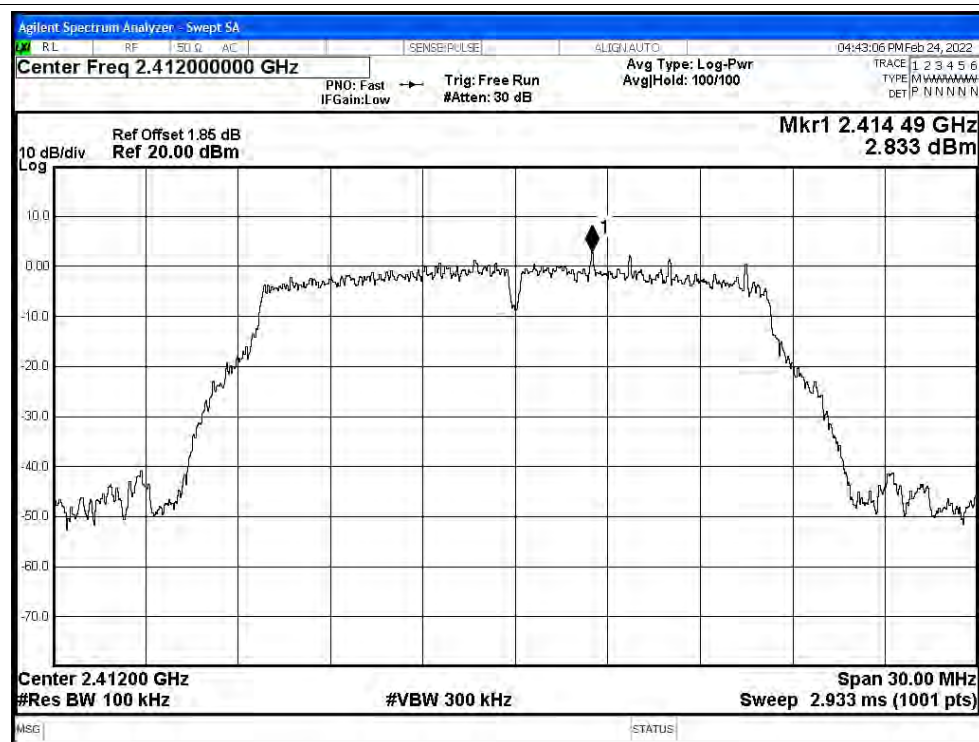


Band Edge NVNT b 2462MHz Ant1 Emission

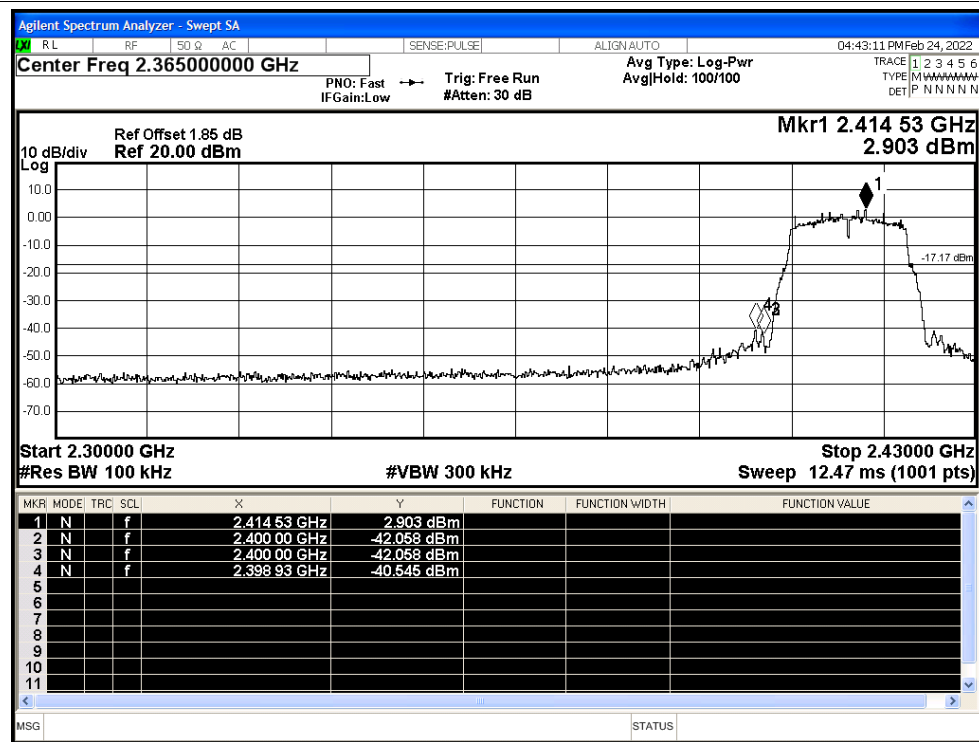




Band Edge NVNT g 2412MHz Ant1 Ref

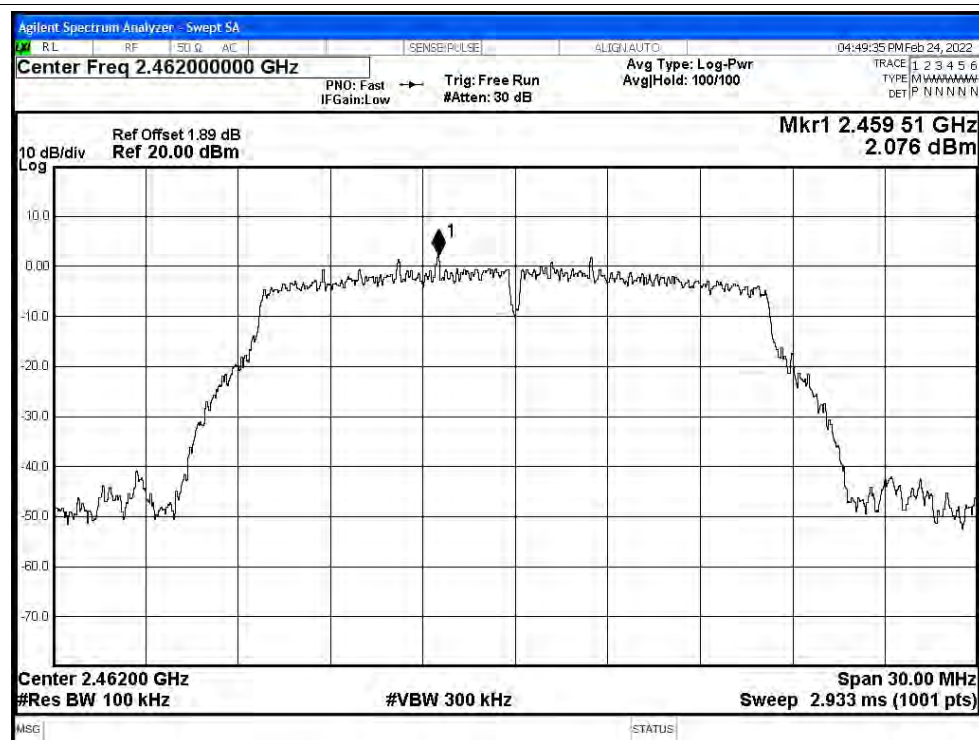


Band Edge NVNT g 2412MHz Ant1 Emission

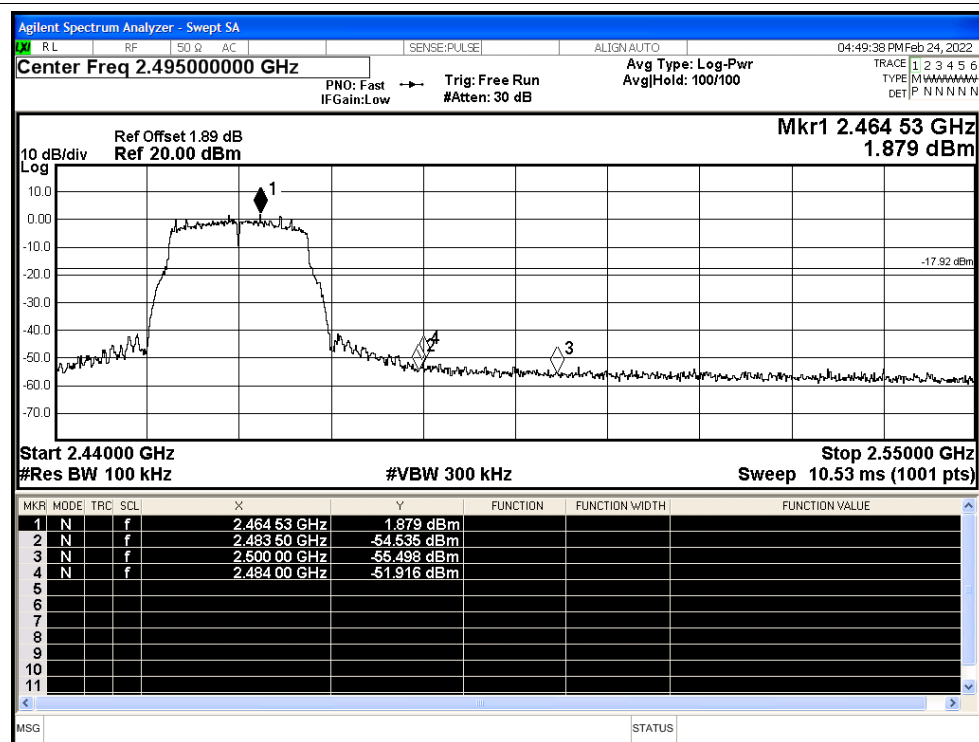




Band Edge NVNT g 2462MHz Ant1 Ref

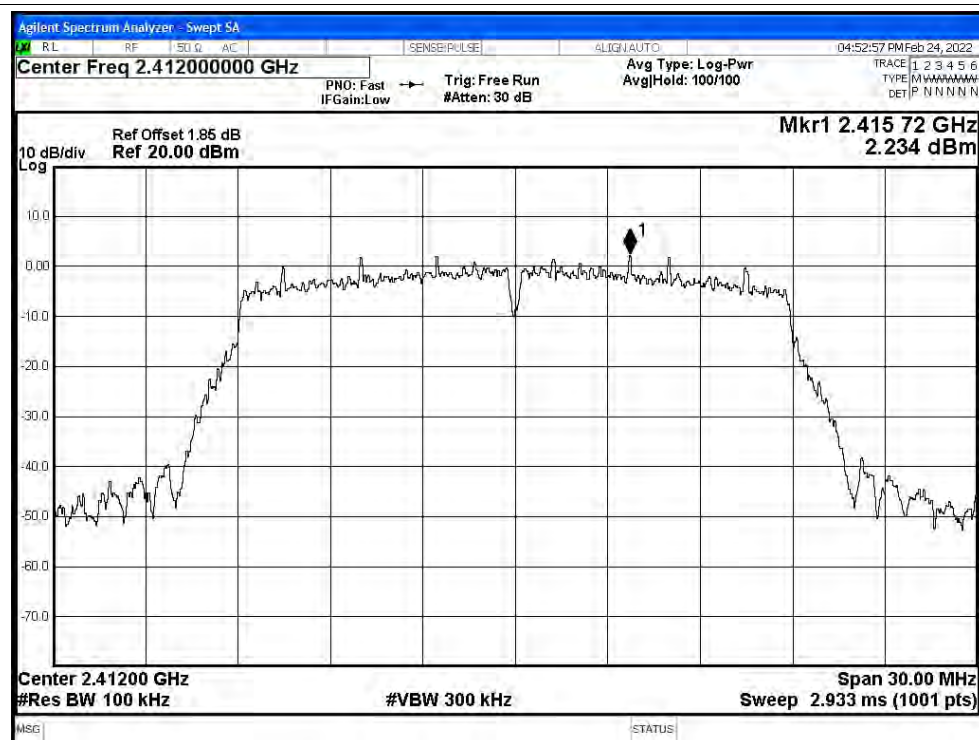


Band Edge NVNT g 2462MHz Ant1 Emission

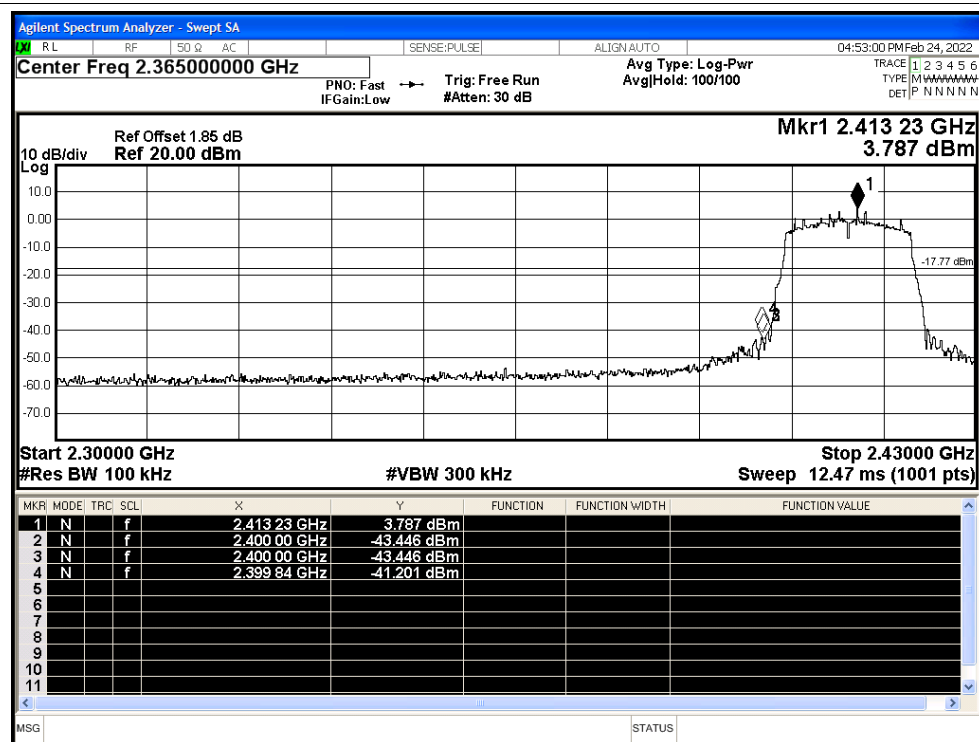




Band Edge NVNT n20 2412MHz Ant1 Ref

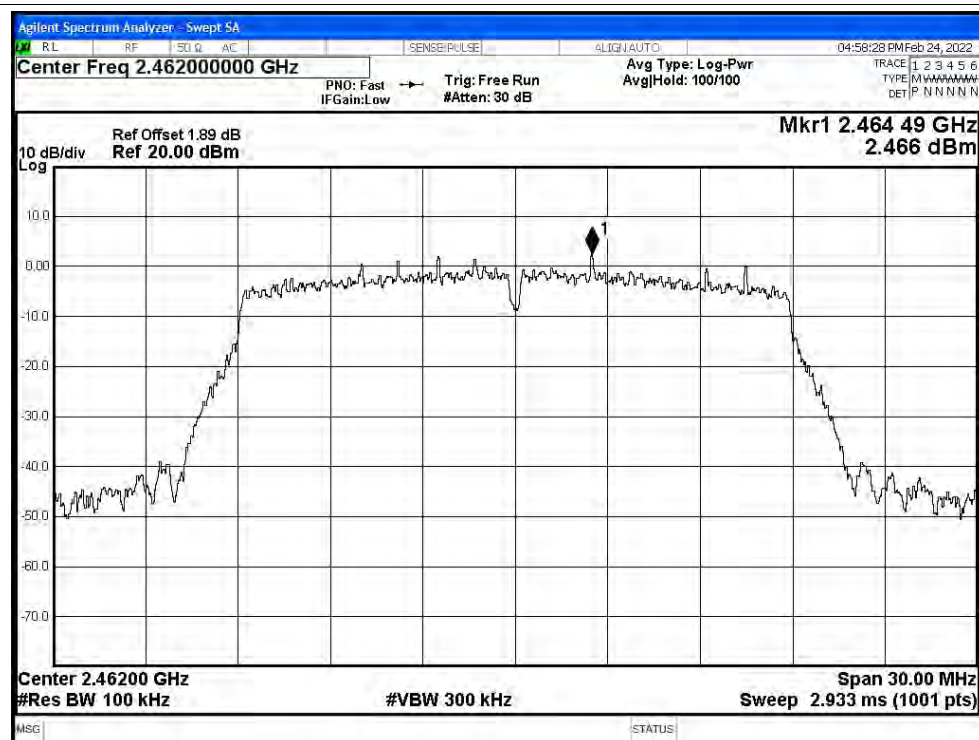


Band Edge NVNT n20 2412MHz Ant1 Emission

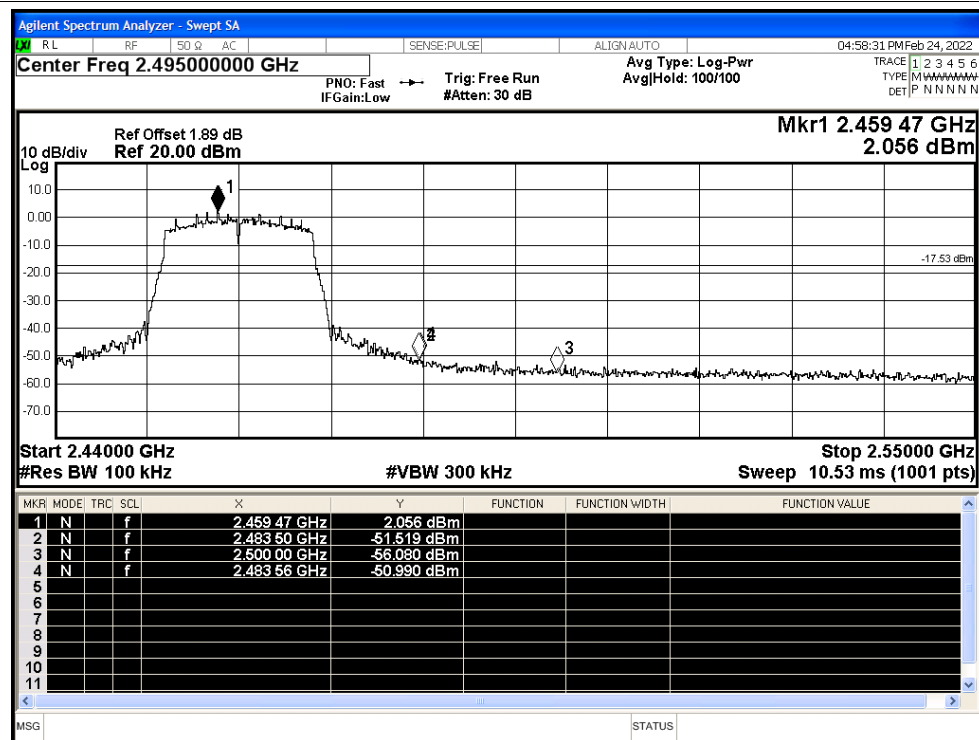




Band Edge NVNT n20 2462MHz Ant1 Ref

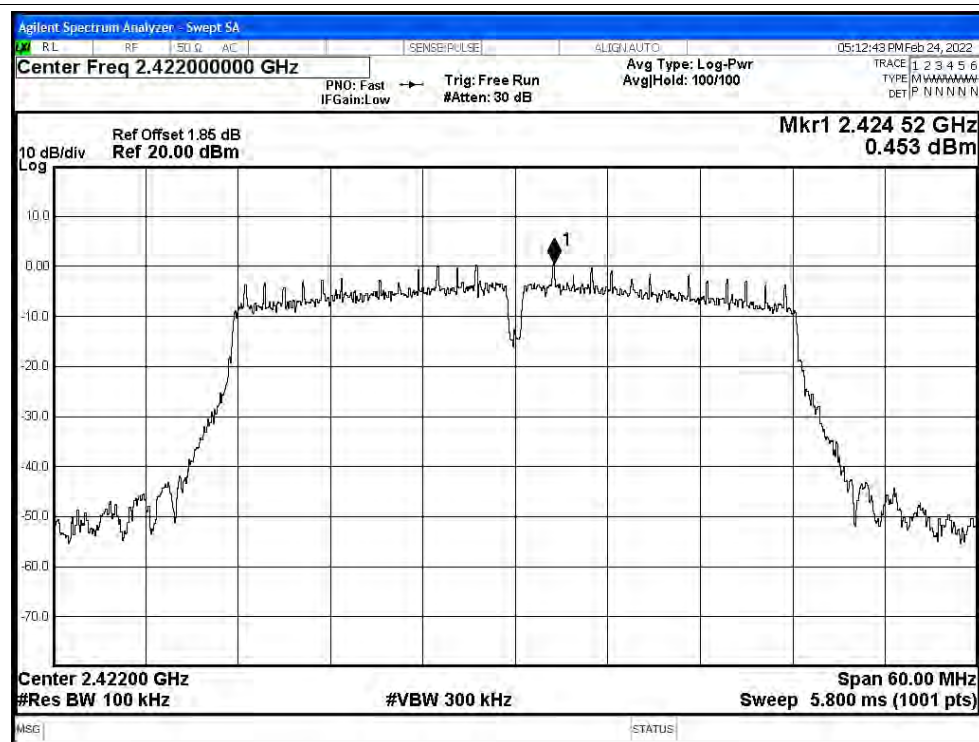


Band Edge NVNT n20 2462MHz Ant1 Emission

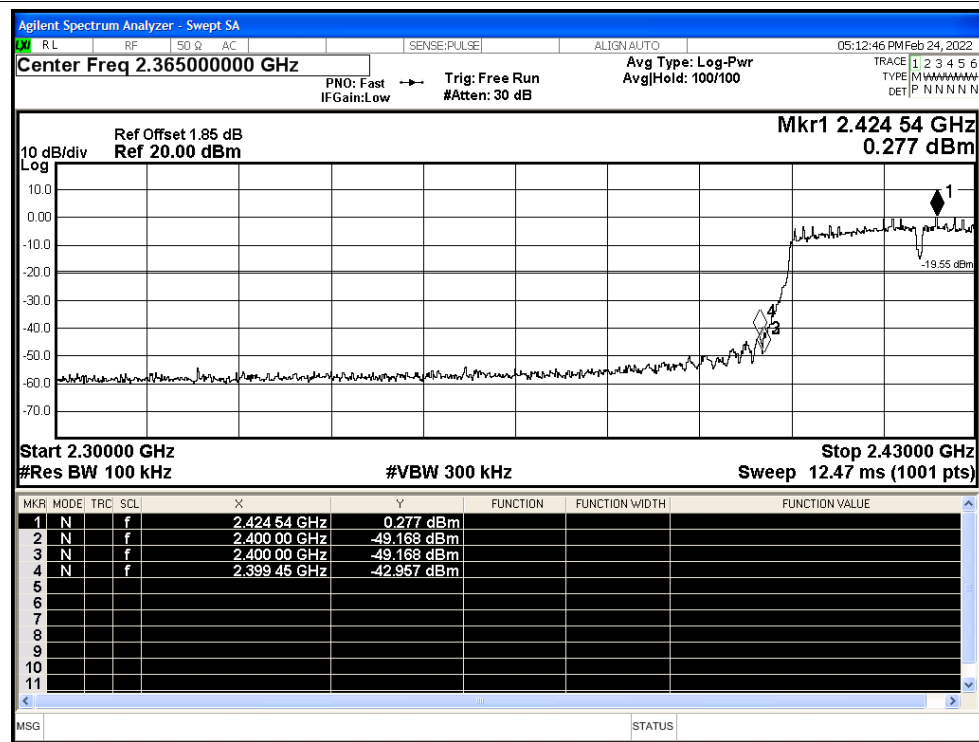




Band Edge NVNT n40 2422MHz Ant1 Ref

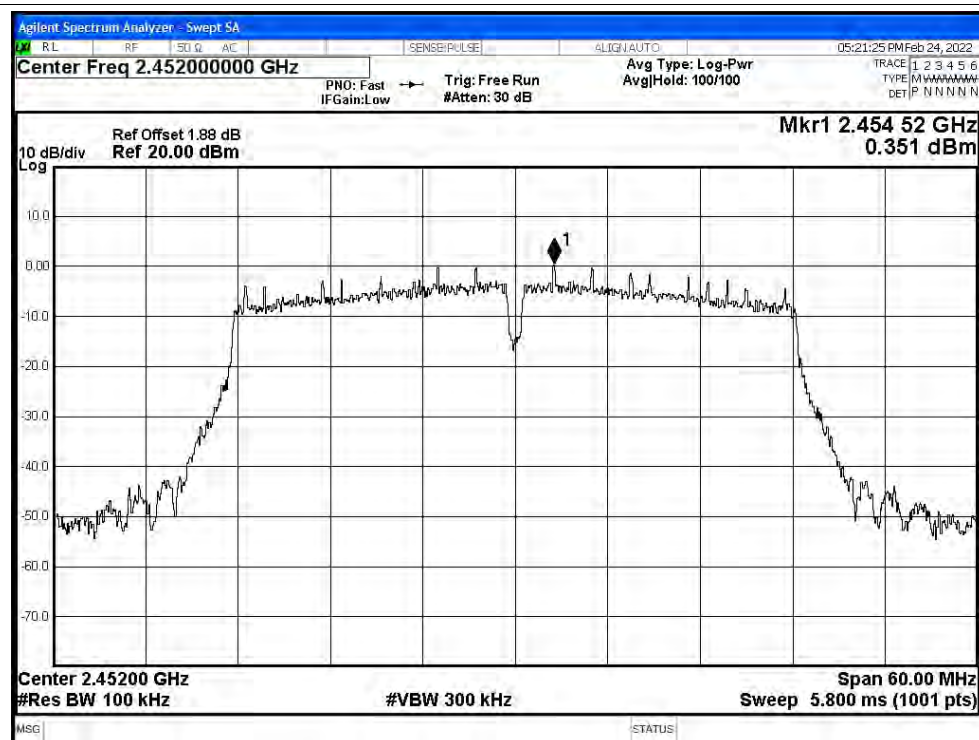


Band Edge NVNT n40 2422MHz Ant1 Emission

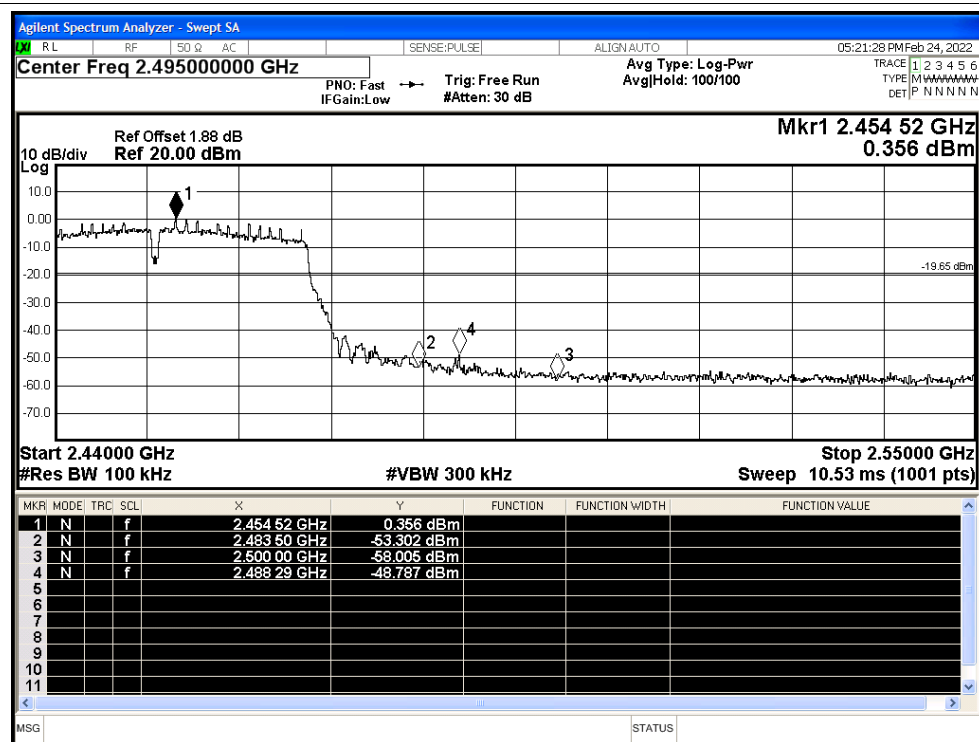




Band Edge NVNT n40 2452MHz Ant1 Ref

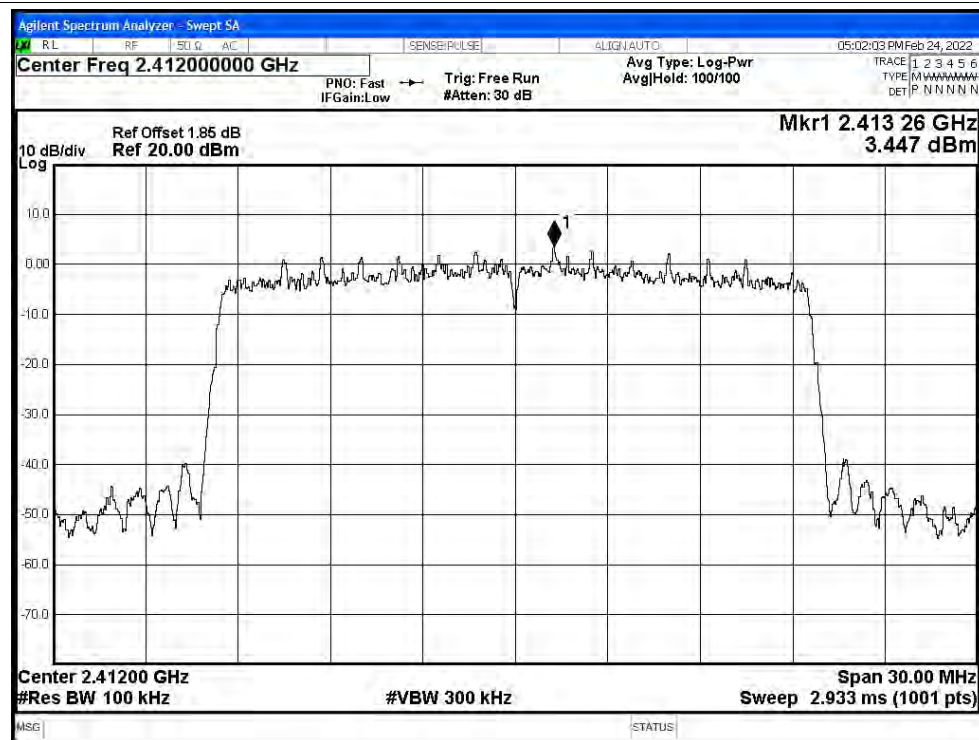


Band Edge NVNT n40 2452MHz Ant1 Emission

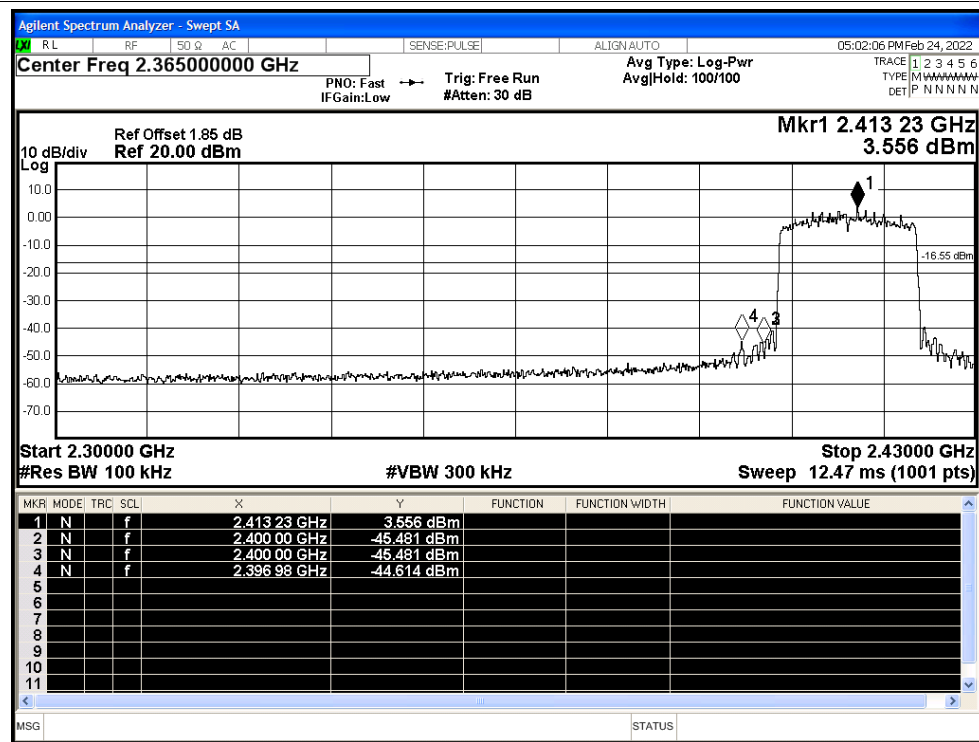




Band Edge NVNT ax20 2412MHz Ant1 Ref

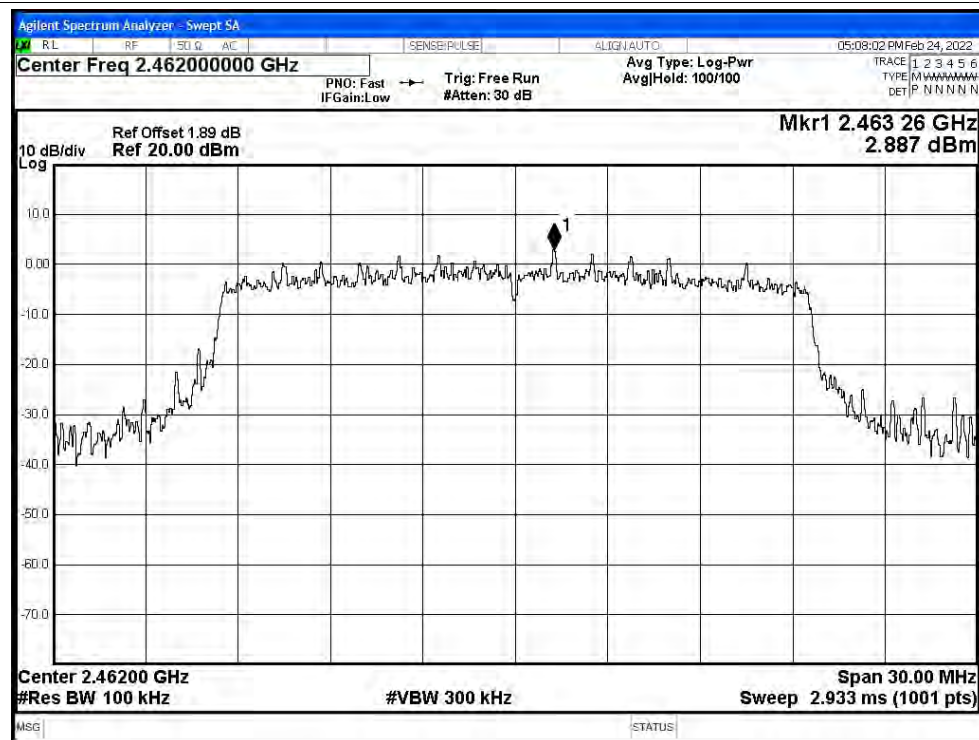


Band Edge NVNT ax20 2412MHz Ant1 Emission

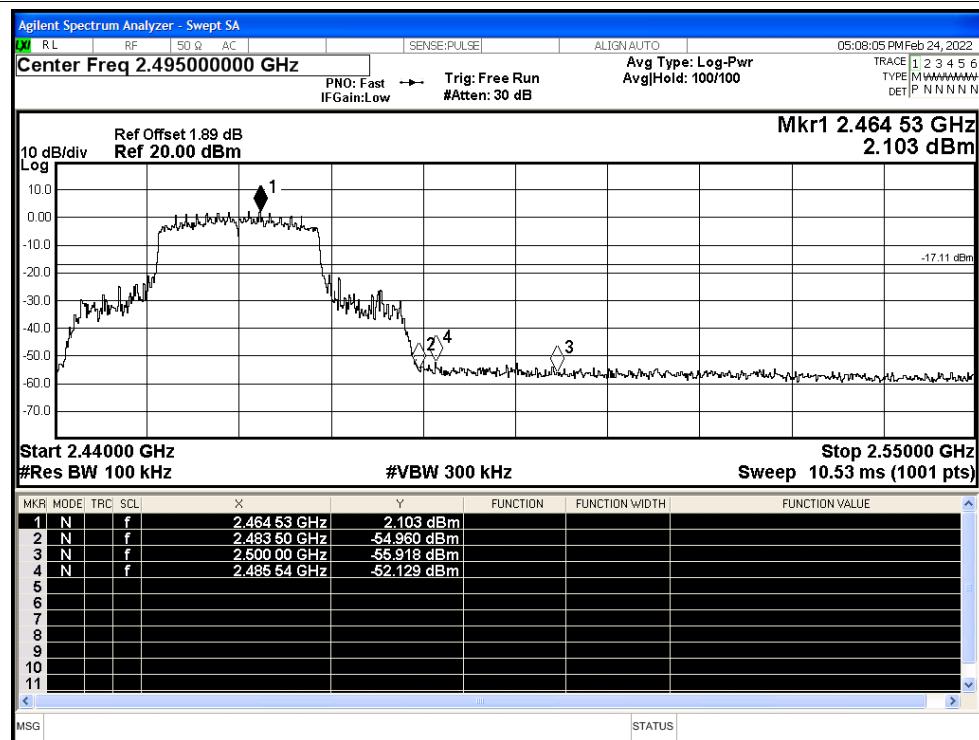




Band Edge NVNT ax20 2462MHz Ant1 Ref

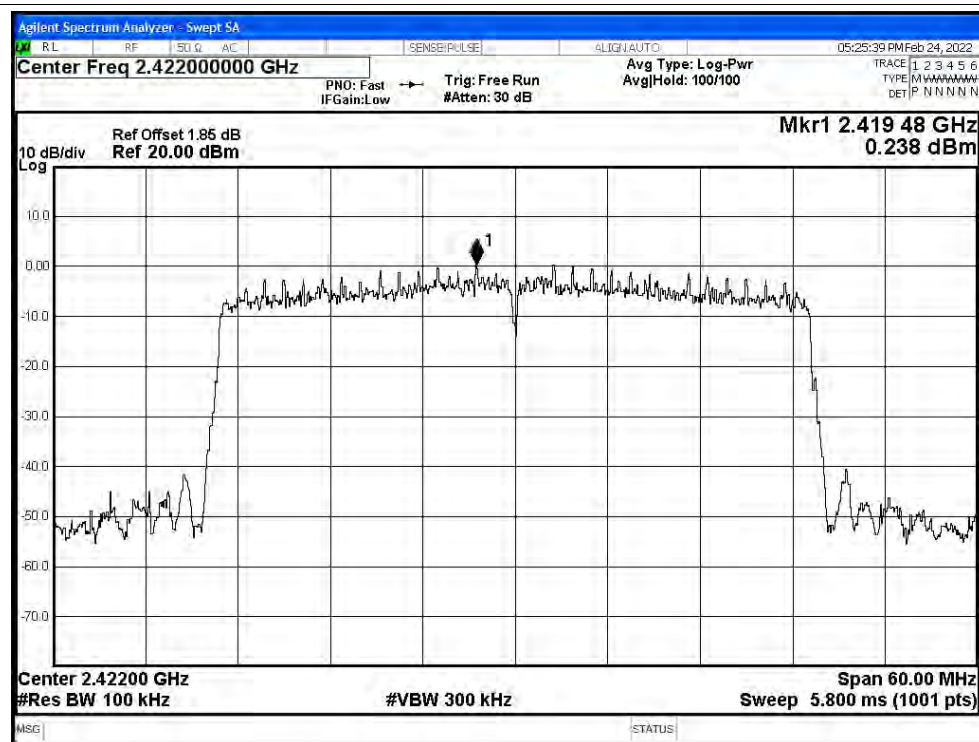


Band Edge NVNT ax20 2462MHz Ant1 Emission

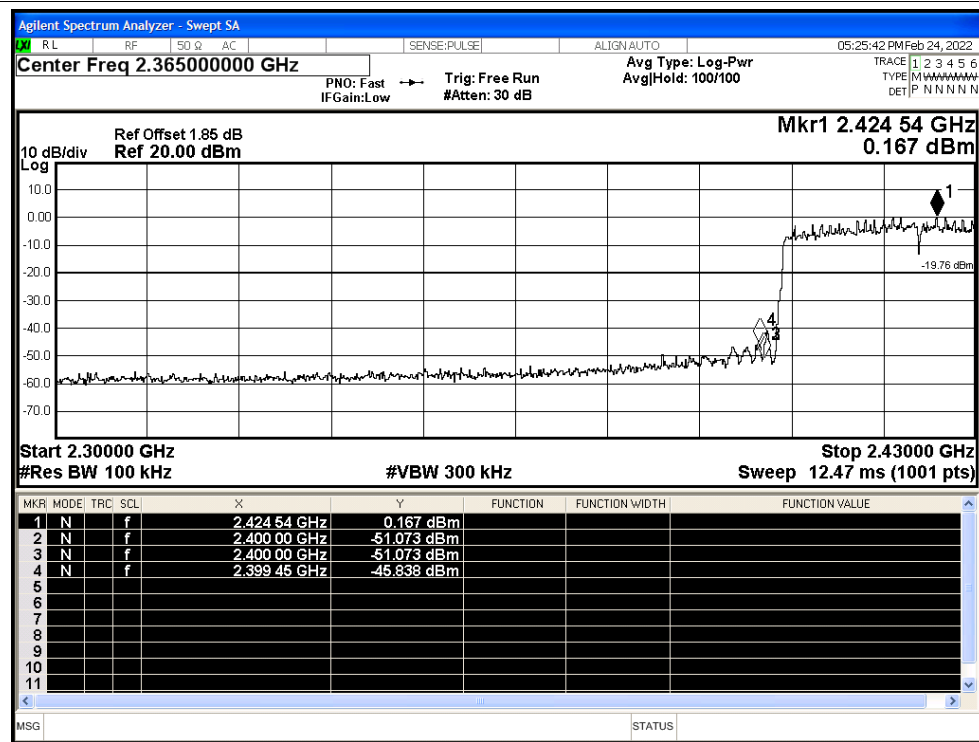




Band Edge NVNT ax40 2422MHz Ant1 Ref

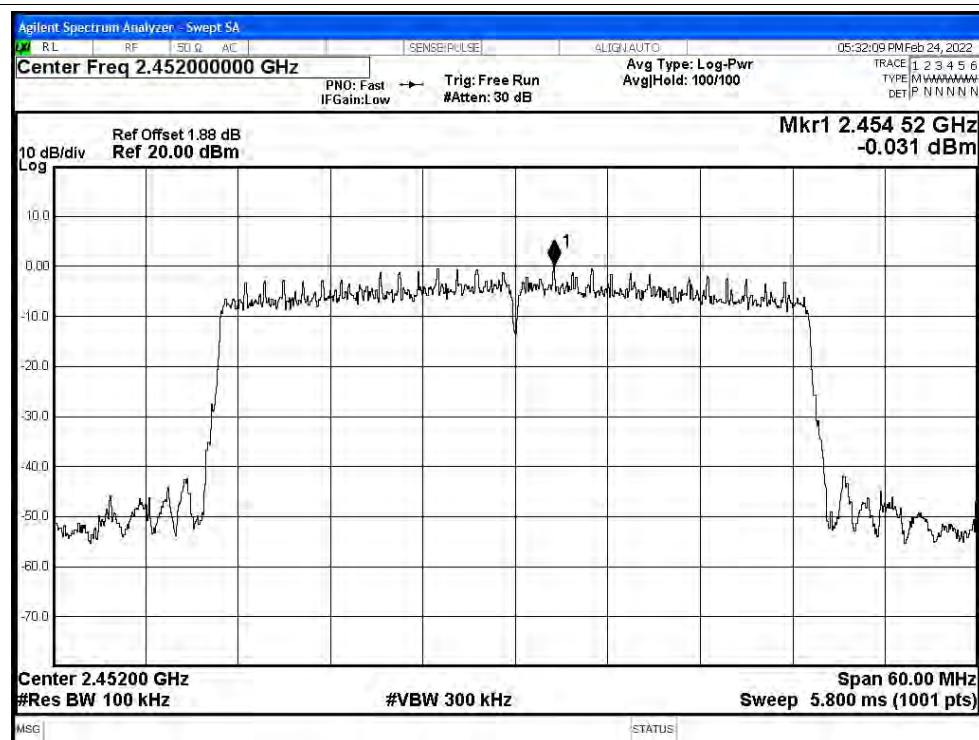


Band Edge NVNT ax40 2422MHz Ant1 Emission

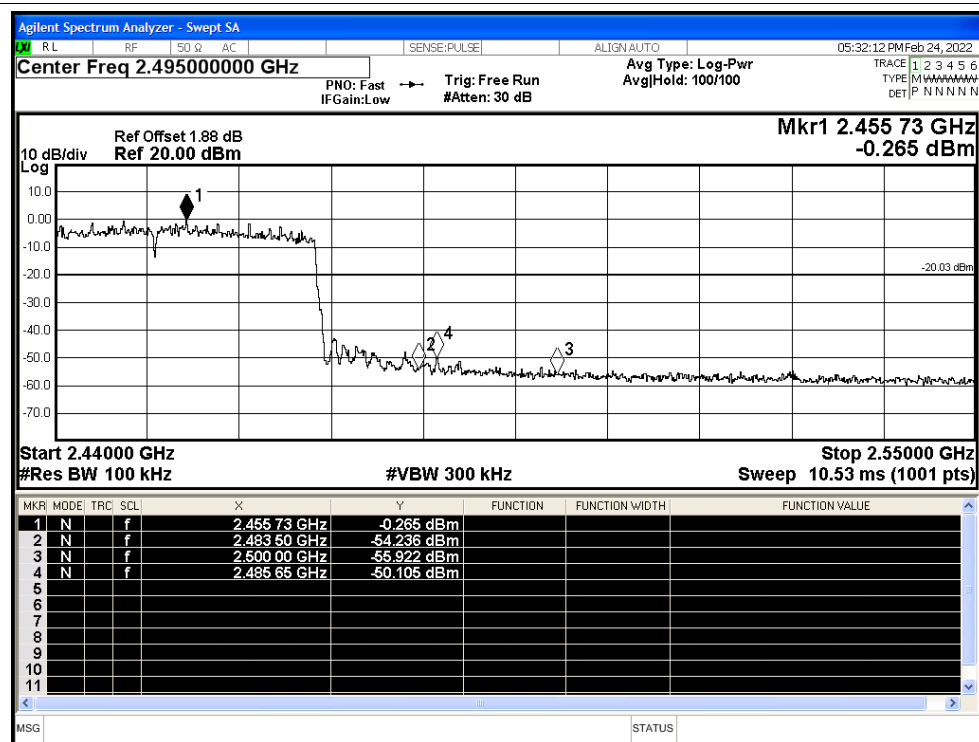




Band Edge NVNT ax40 2452MHz Ant1 Ref



Band Edge NVNT ax40 2452MHz Ant1 Emission





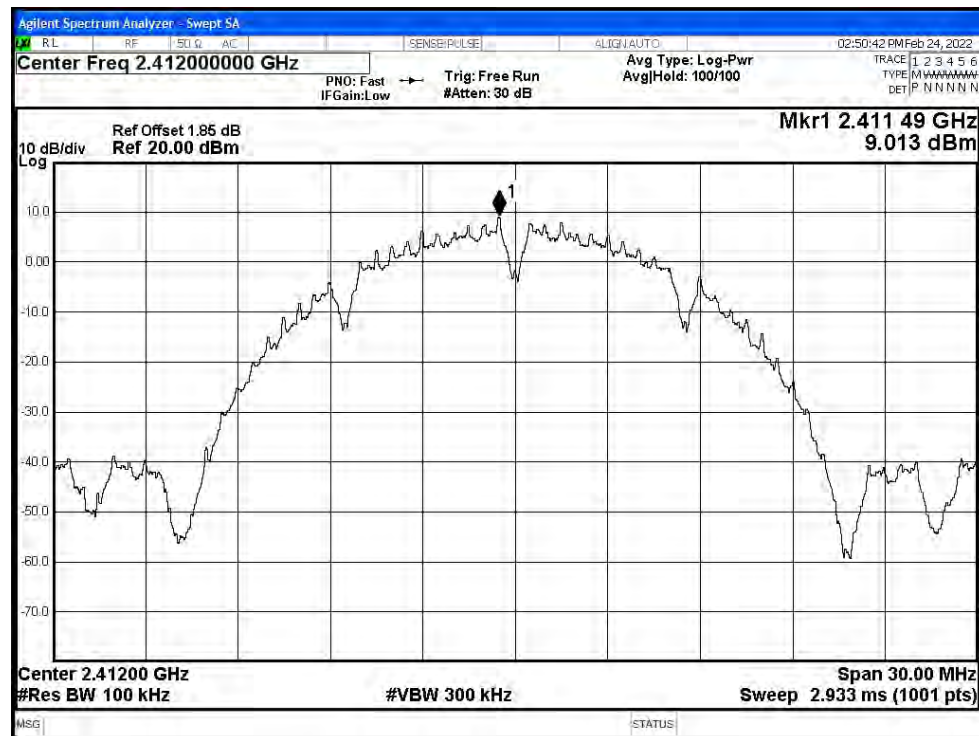
A.5 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant0	-49.47	-20	Pass
NVNT	b	2437	Ant0	-47.77	-20	Pass
NVNT	b	2462	Ant0	-48.55	-20	Pass
NVNT	g	2412	Ant0	-48.92	-20	Pass
NVNT	g	2437	Ant0	-47.38	-20	Pass
NVNT	g	2462	Ant0	-47.6	-20	Pass
NVNT	n20	2412	Ant0	-47.48	-20	Pass
NVNT	n20	2437	Ant0	-48.86	-20	Pass
NVNT	n20	2462	Ant0	-48.73	-20	Pass
NVNT	n40	2422	Ant0	-46.32	-20	Pass
NVNT	n40	2437	Ant0	-45.93	-20	Pass
NVNT	n40	2452	Ant0	-45.85	-20	Pass
NVNT	ax20	2412	Ant0	-48.72	-20	Pass
NVNT	ax20	2437	Ant0	-48.04	-20	Pass
NVNT	ax20	2462	Ant0	-48.39	-20	Pass
NVNT	ax40	2422	Ant0	-45.54	-20	Pass
NVNT	ax40	2437	Ant0	-44.89	-20	Pass
NVNT	ax40	2452	Ant0	-46.09	-20	Pass

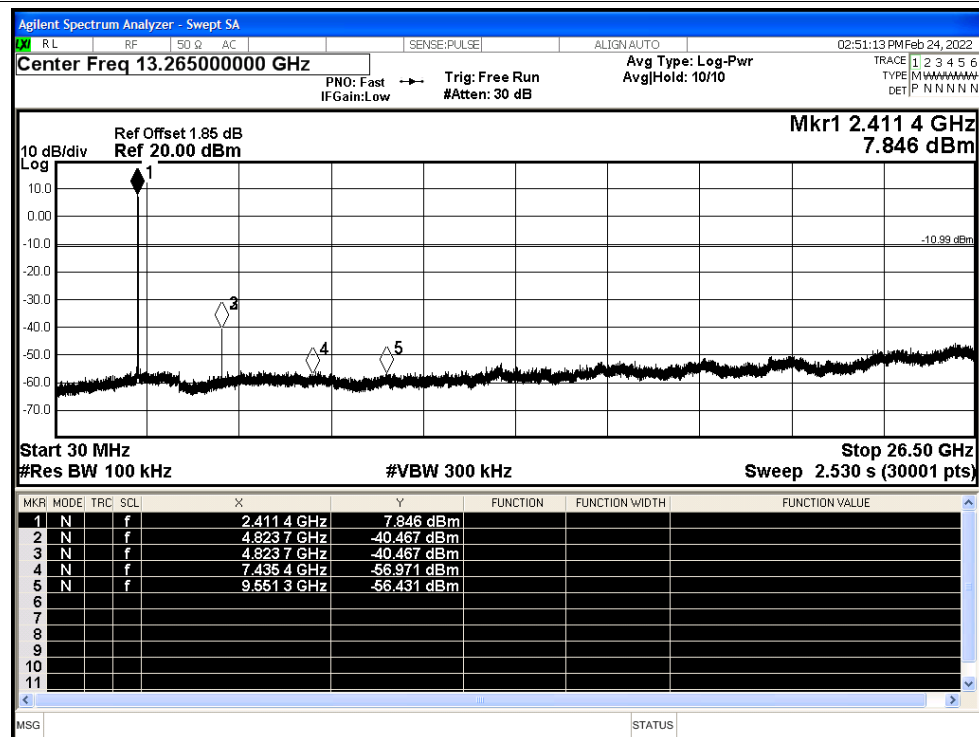


Test Graphs

Tx. Spurious NVNT b 2412MHz Ant0 Ref

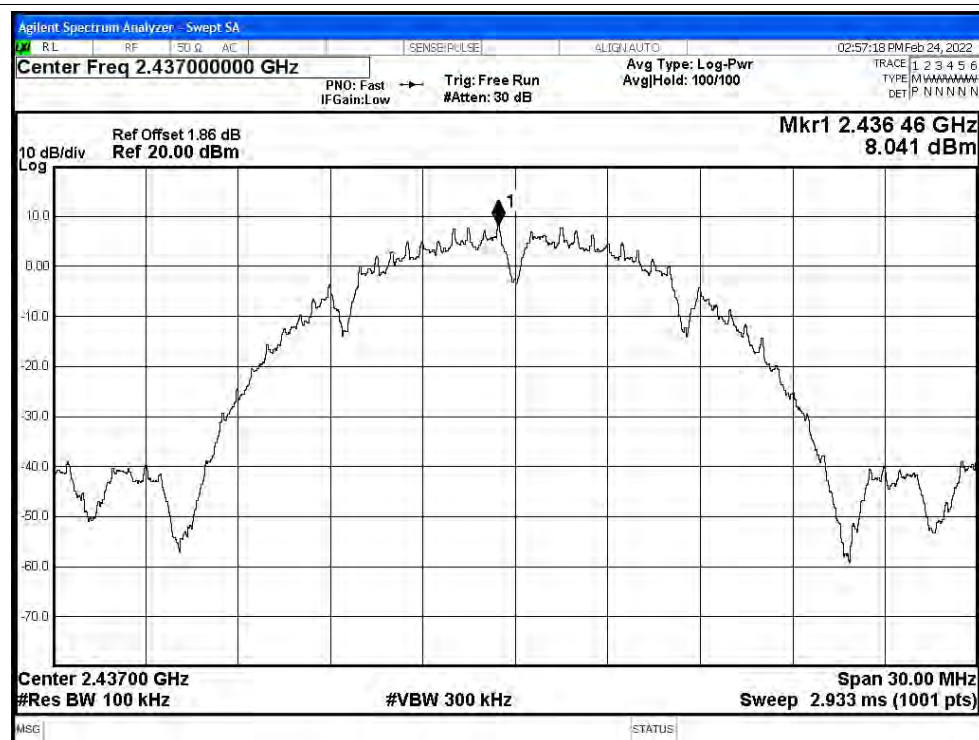


Tx. Spurious NVNT b 2412MHz Ant0 Emission

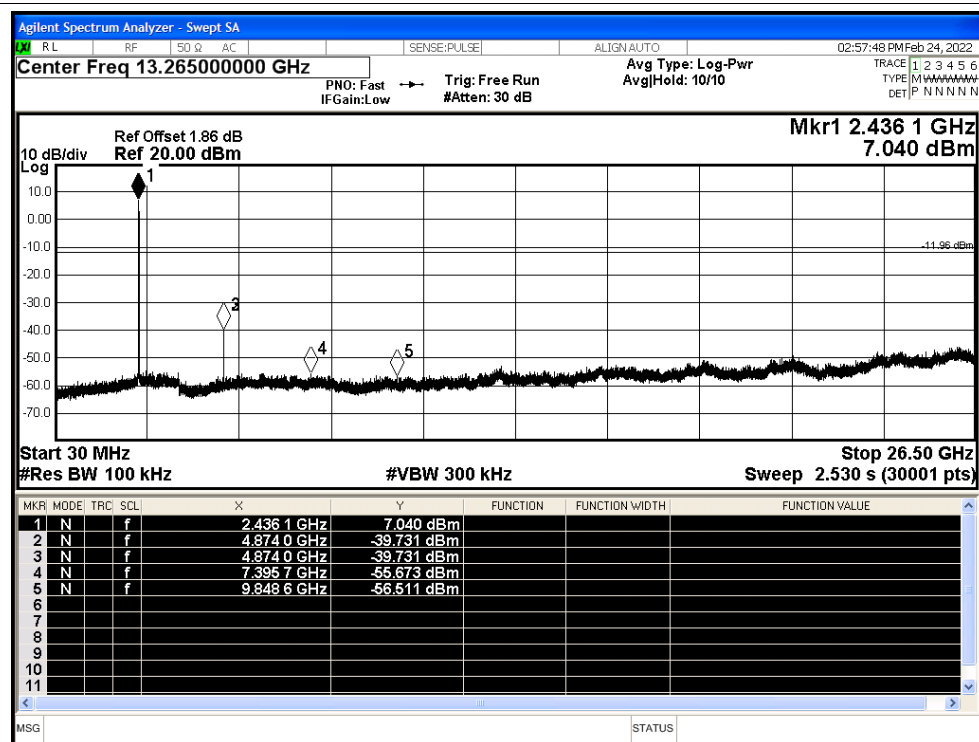




Tx. Spurious NVNT b 2437MHz Ant0 Ref

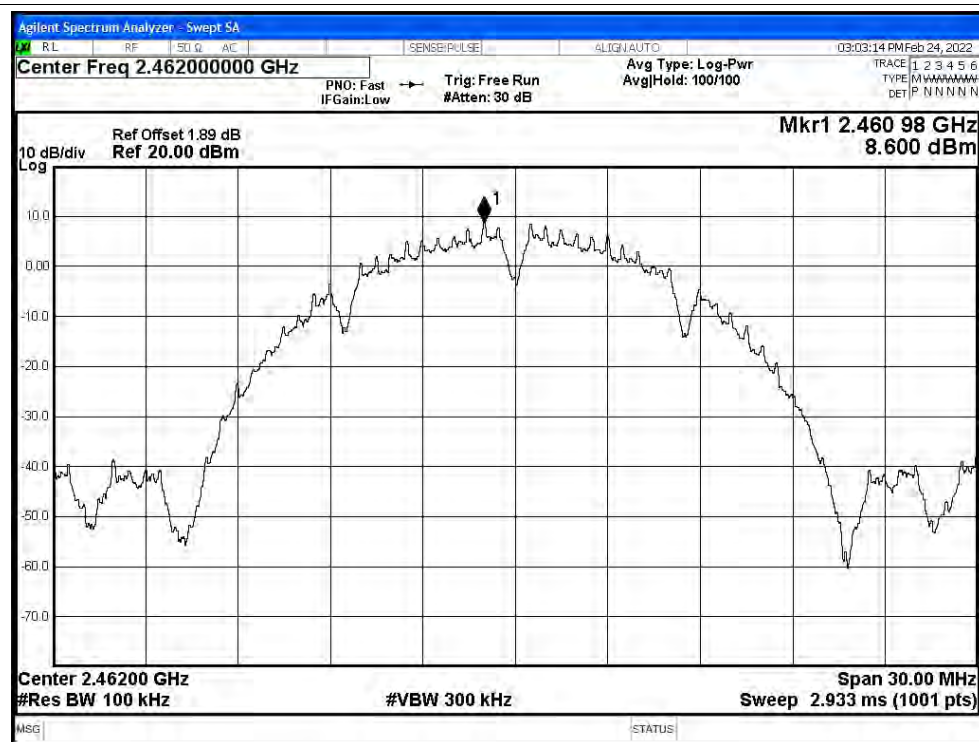


Tx. Spurious NVNT b 2437MHz Ant0 Emission

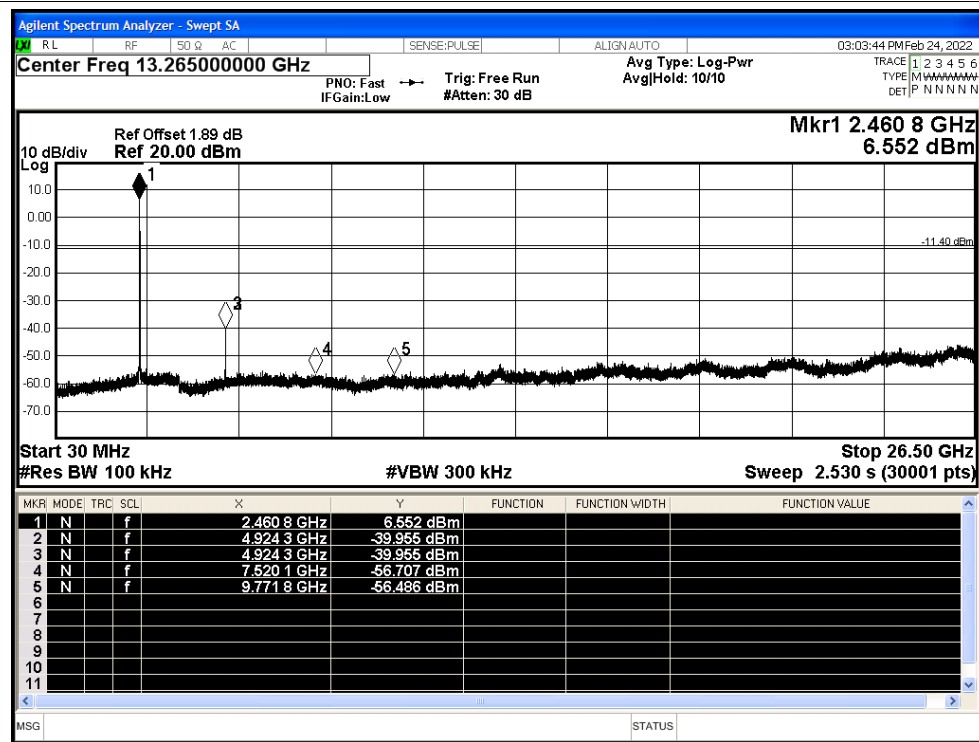




Tx. Spurious NVNT b 2462MHz Ant0 Ref

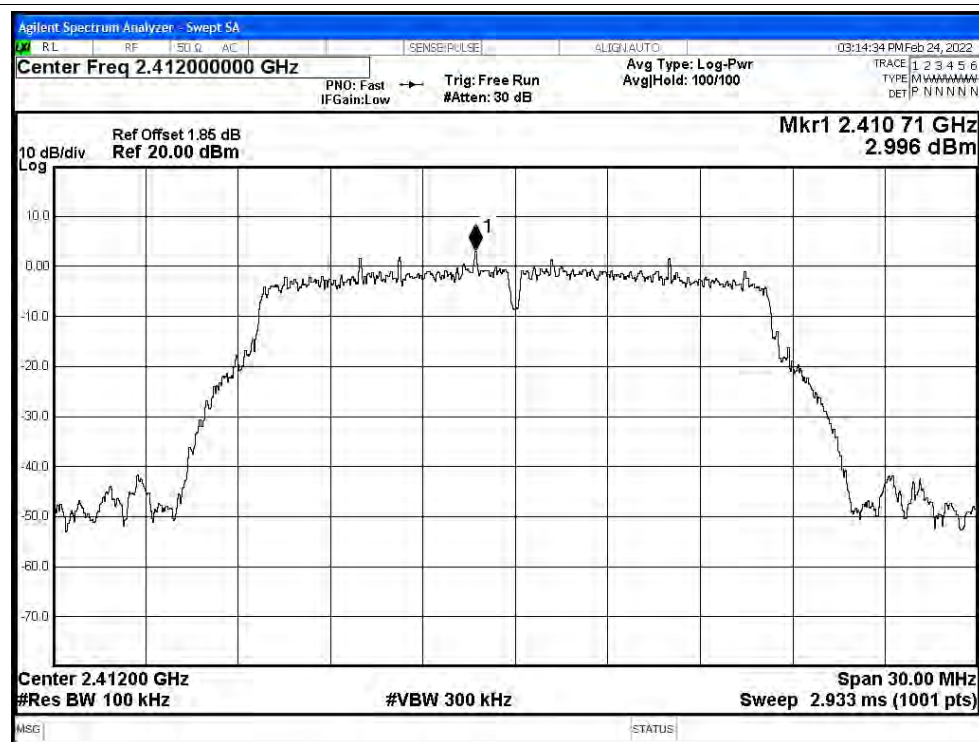


Tx. Spurious NVNT b 2462MHz Ant0 Emission

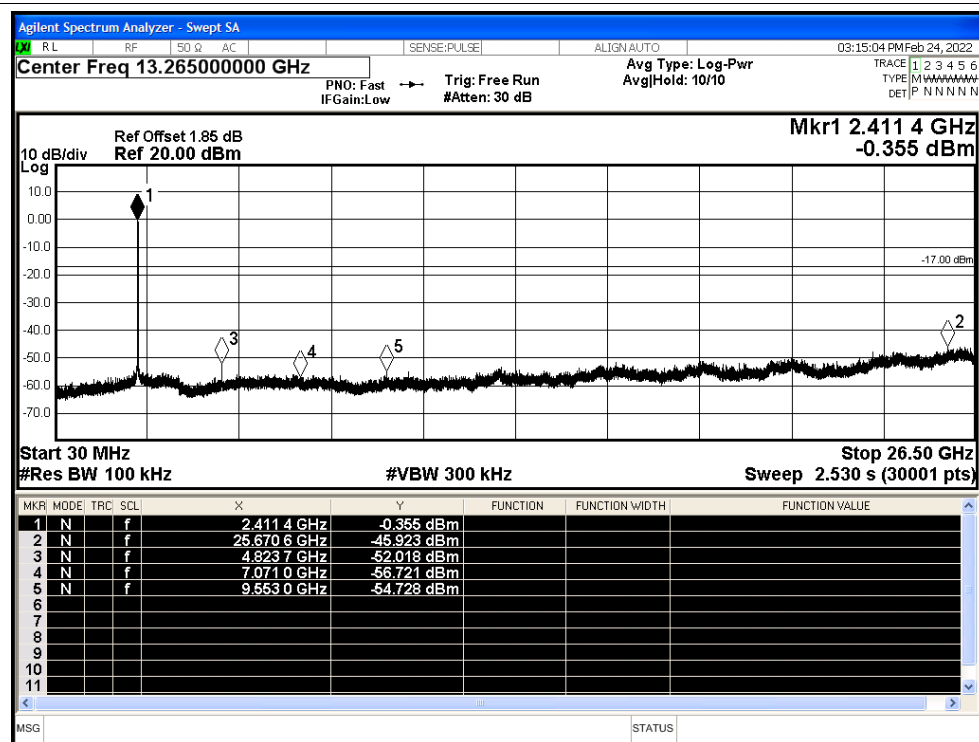




Tx. Spurious NVNT g 2412MHz Ant0 Ref

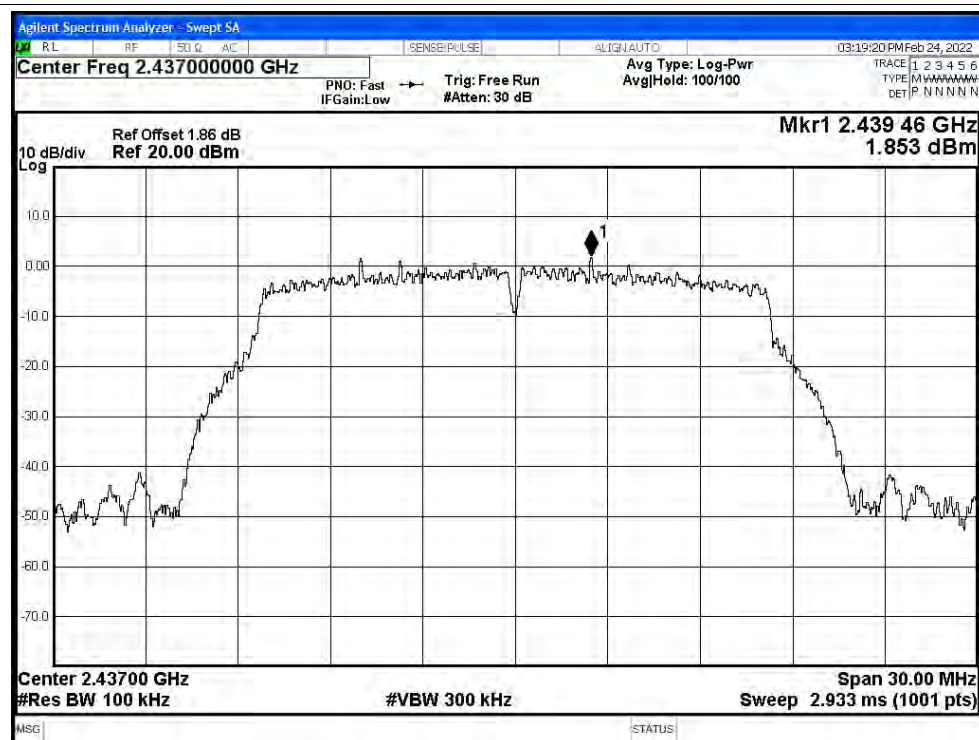


Tx. Spurious NVNT g 2412MHz Ant0 Emission

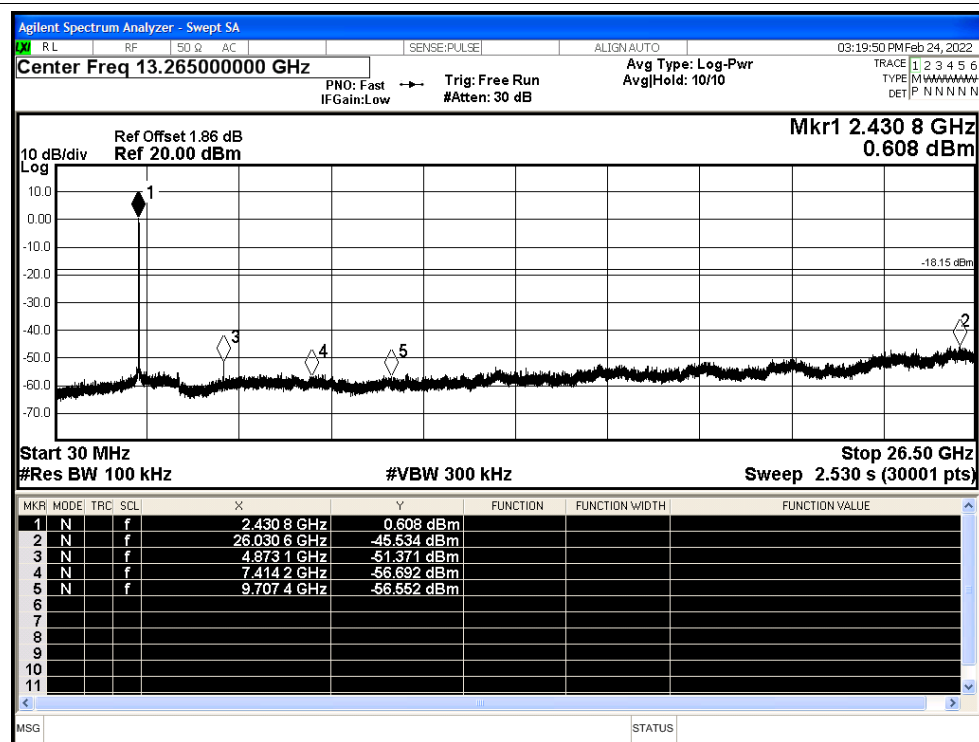




Tx. Spurious NVNT g 2437MHz Ant0 Ref

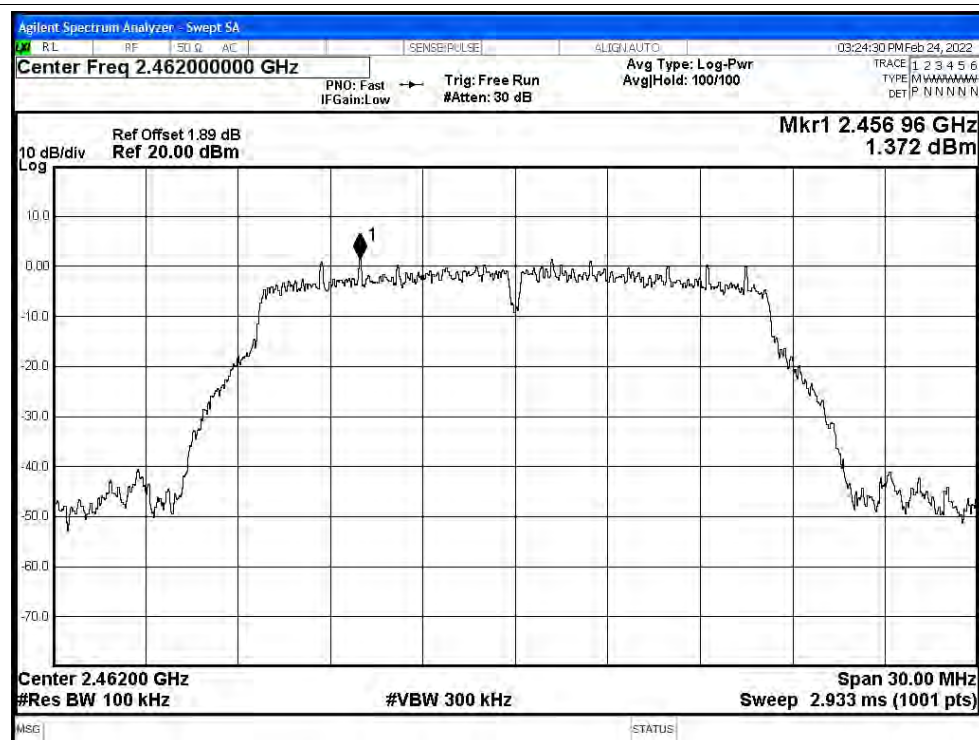


Tx. Spurious NVNT g 2437MHz Ant0 Emission

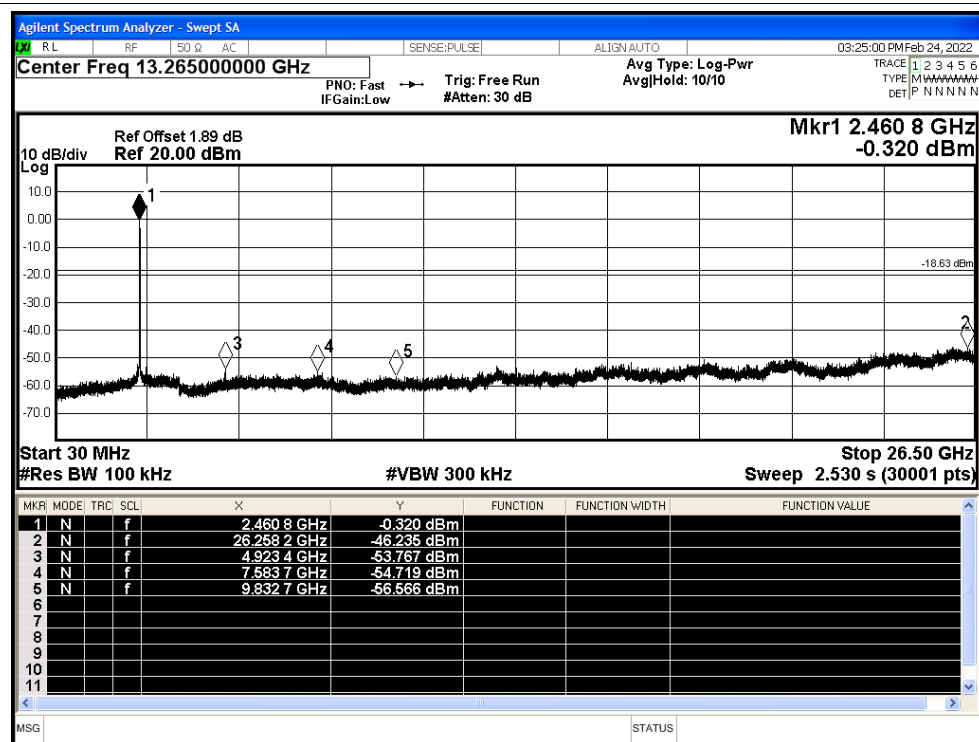




Tx. Spurious NVNT g 2462MHz Ant0 Ref

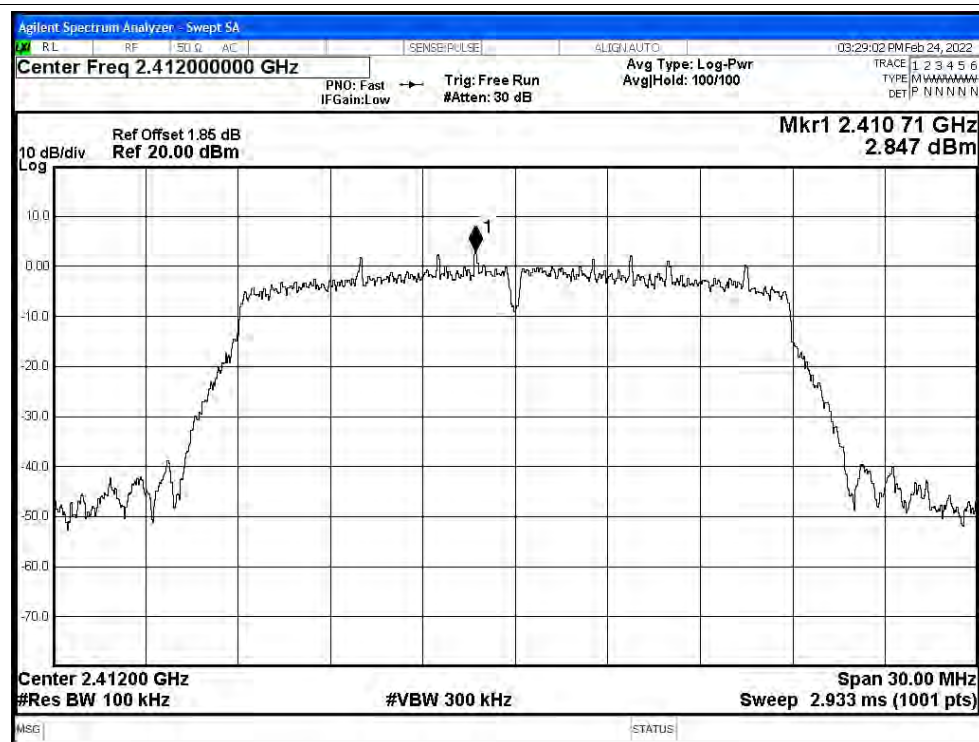


Tx. Spurious NVNT g 2462MHz Ant0 Emission

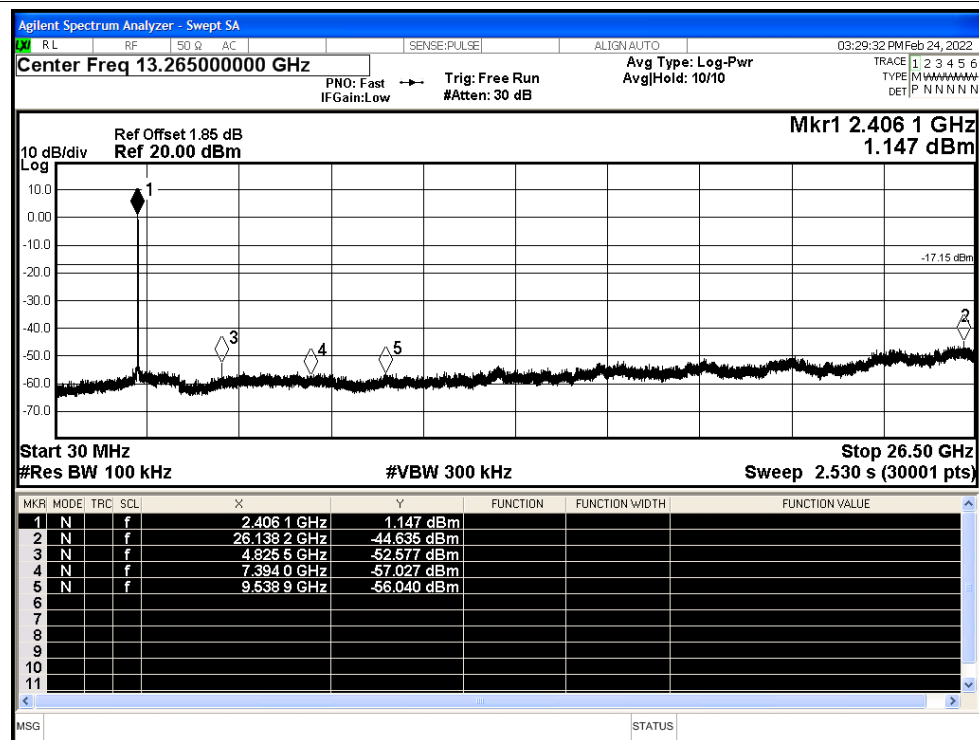




Tx. Spurious NVNT n20 2412MHz Ant0 Ref

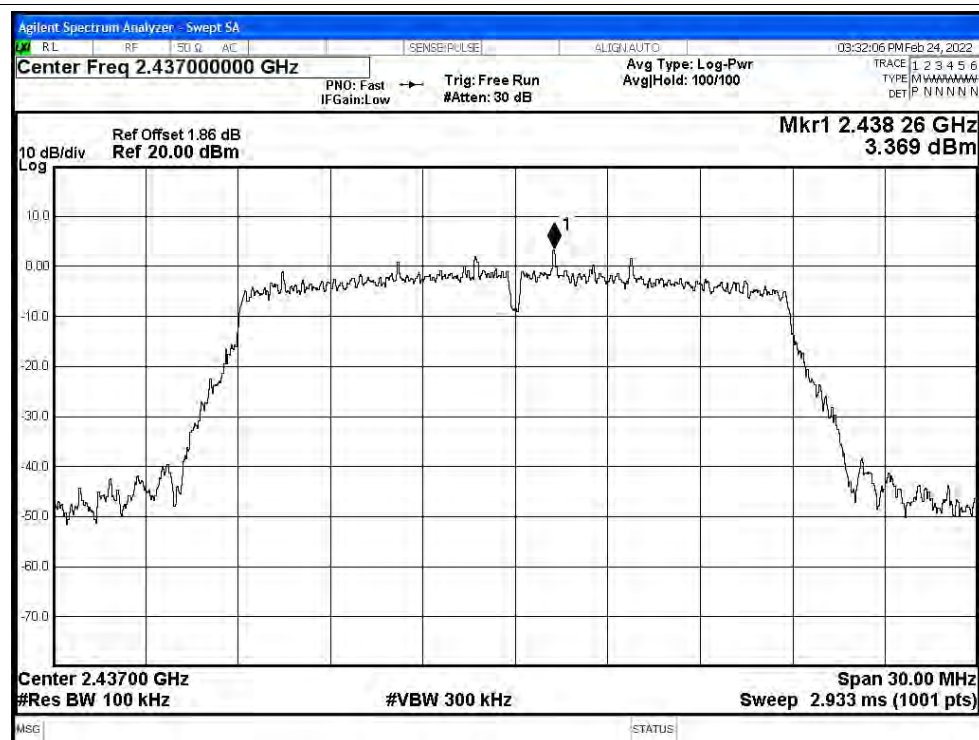


Tx. Spurious NVNT n20 2412MHz Ant0 Emission

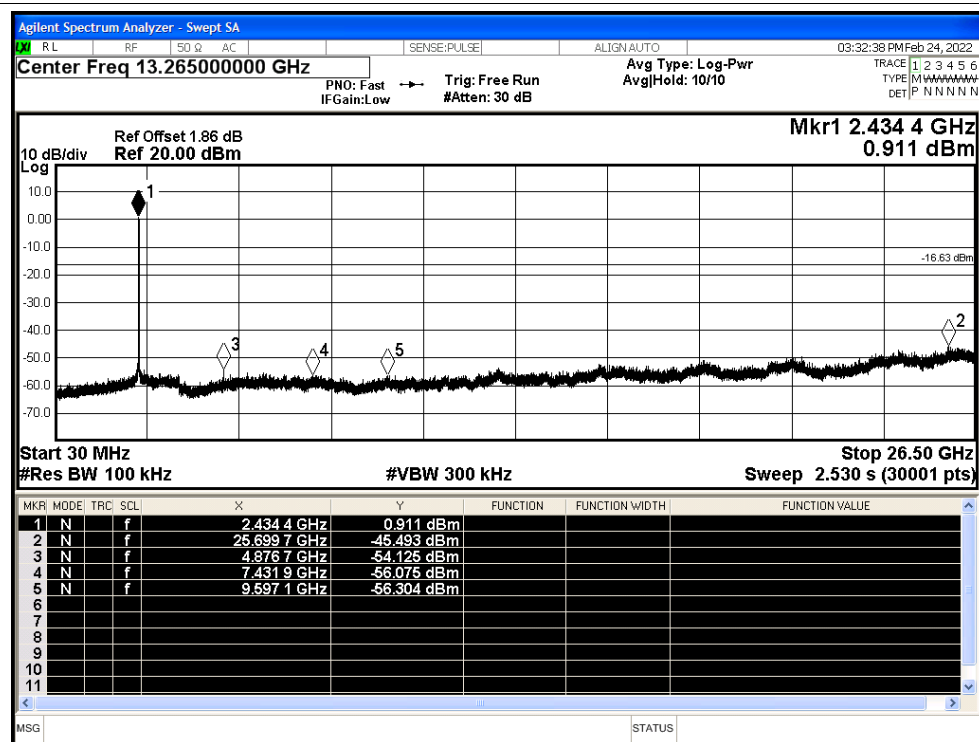




Tx. Spurious NVNT n20 2437MHz Ant0 Ref

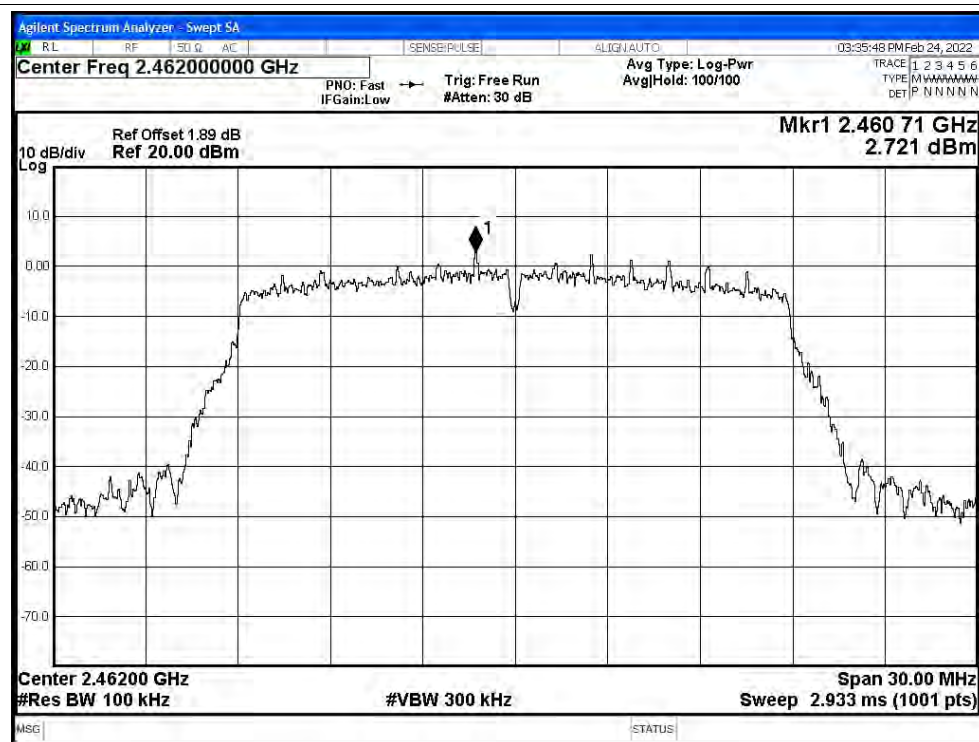


Tx. Spurious NVNT n20 2437MHz Ant0 Emission

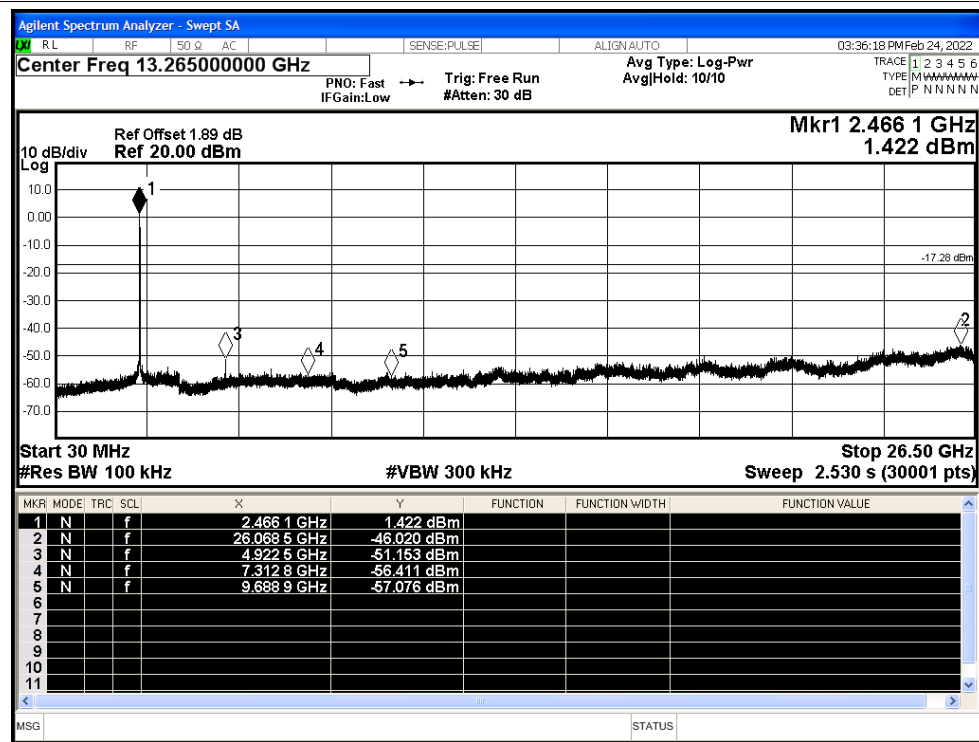




Tx. Spurious NVNT n20 2462MHz Ant0 Ref

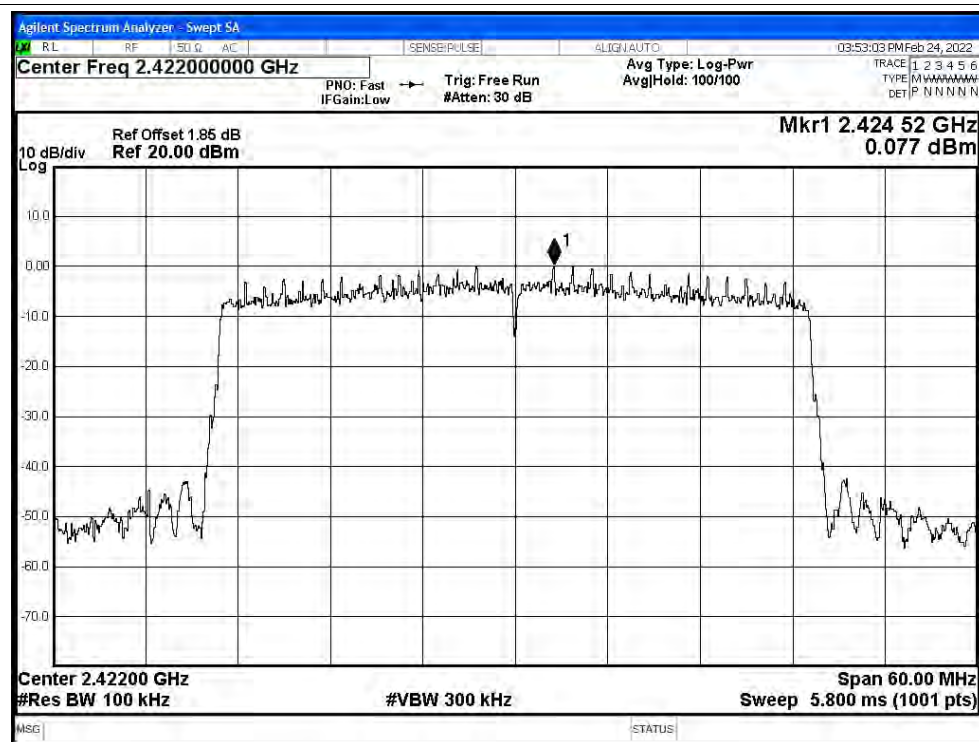


Tx. Spurious NVNT n20 2462MHz Ant0 Emission

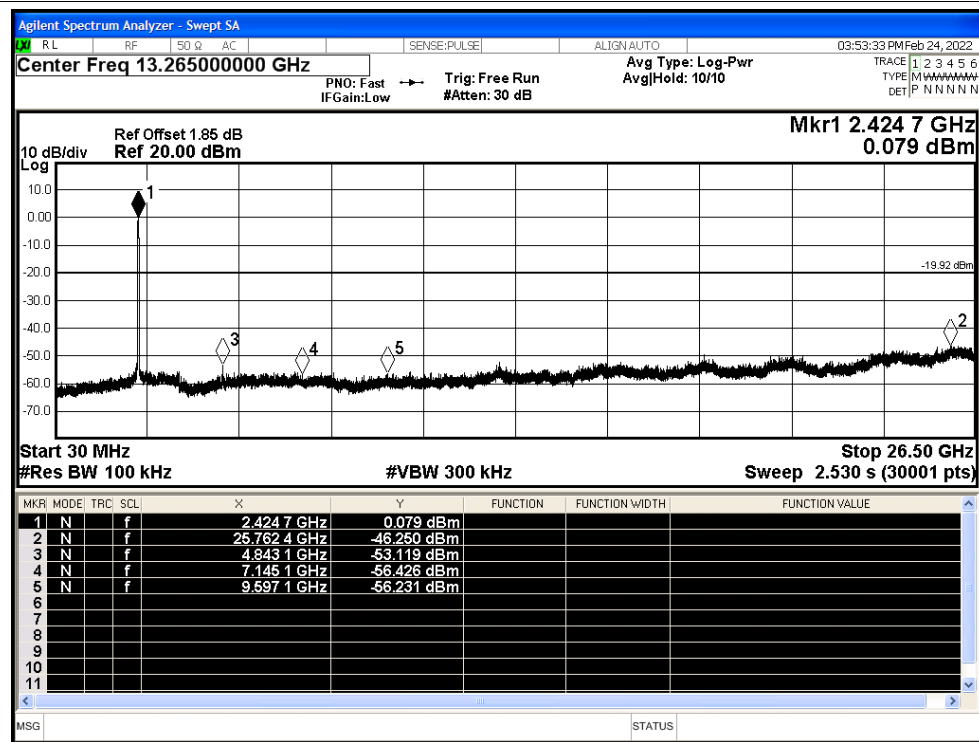




Tx. Spurious NVNT n40 2422MHz Ant0 Ref

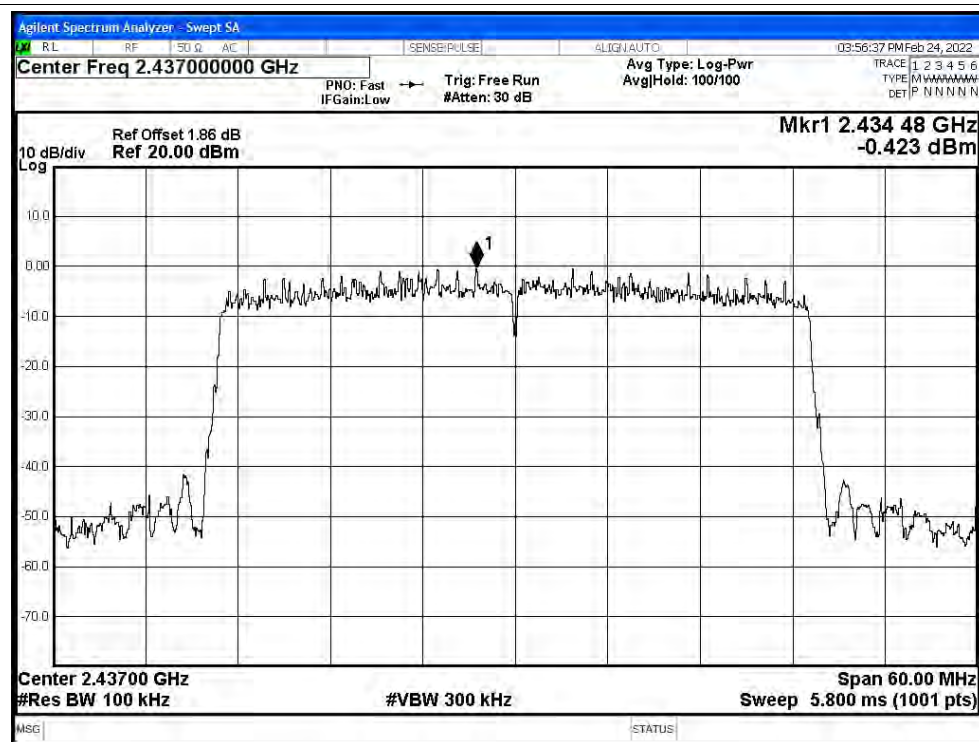


Tx. Spurious NVNT n40 2422MHz Ant0 Emission

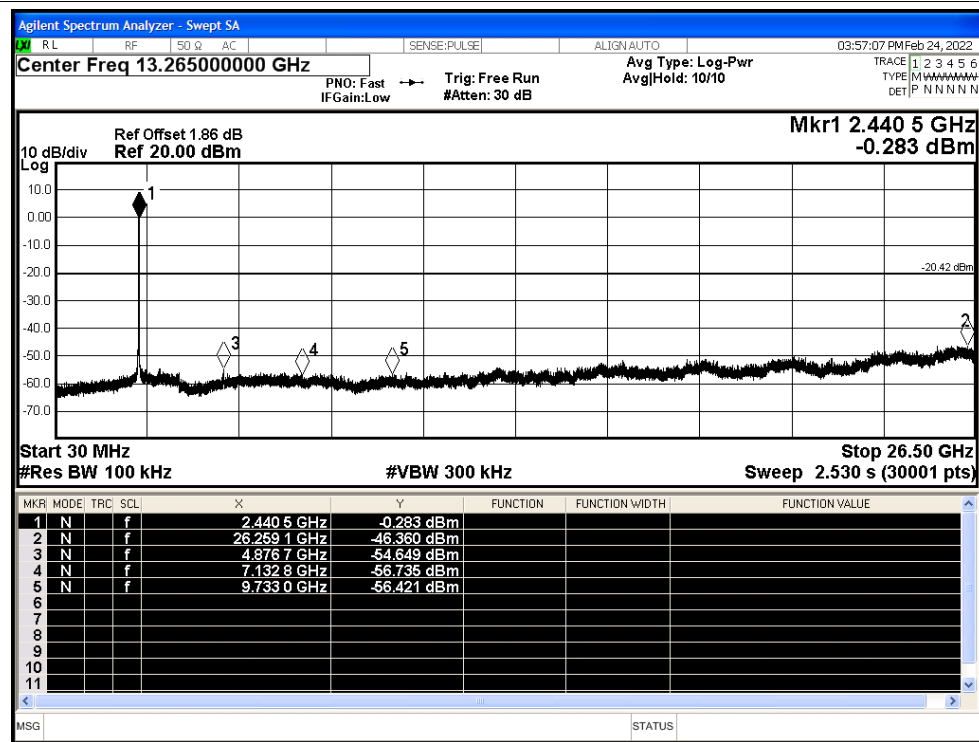




Tx. Spurious NVNT n40 2437MHz Ant0 Ref

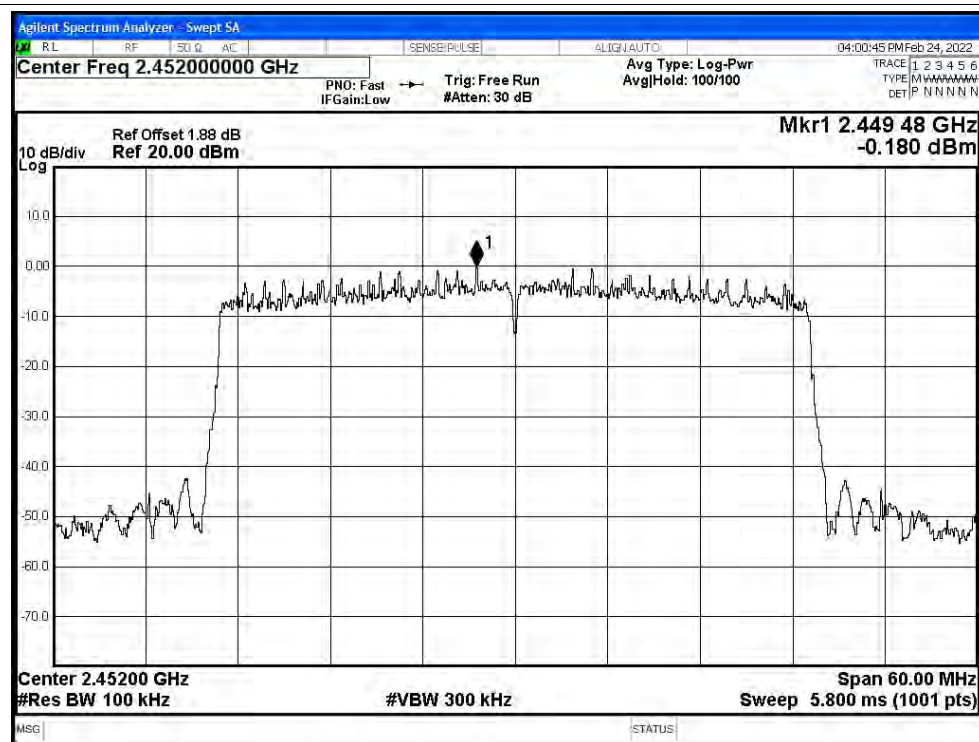


Tx. Spurious NVNT n40 2437MHz Ant0 Emission

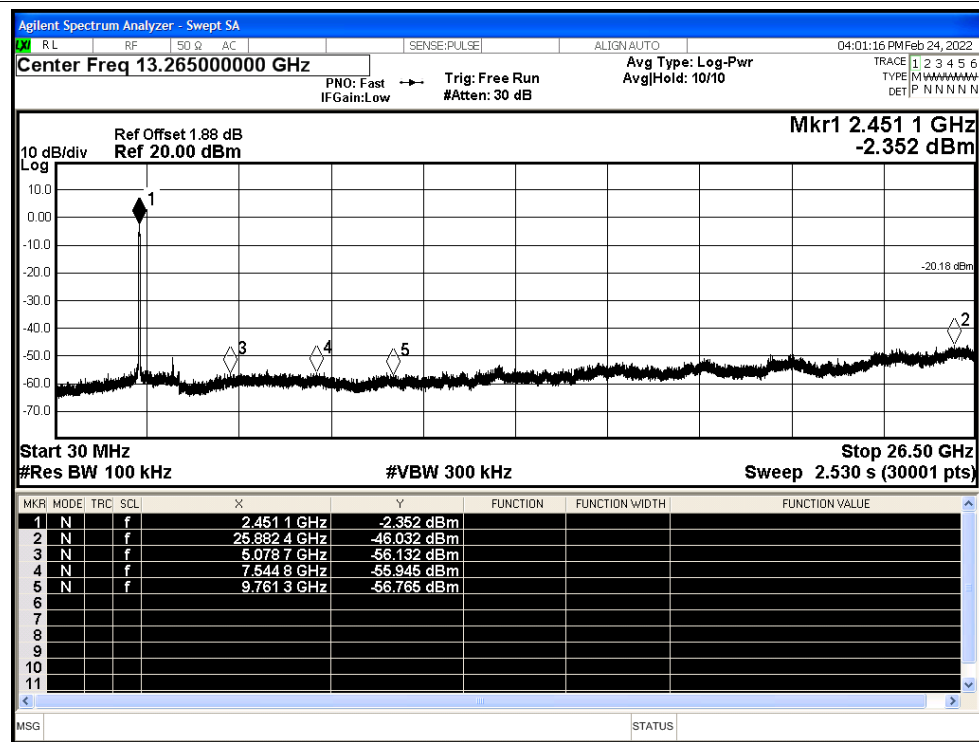




Tx. Spurious NVNT n40 2452MHz Ant0 Ref

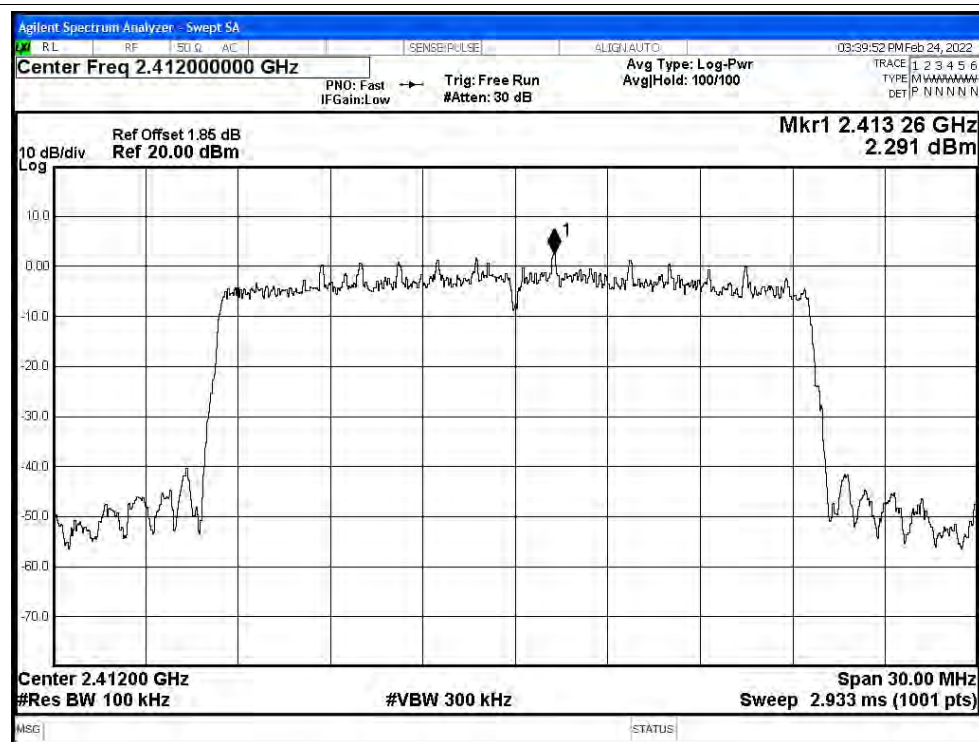


Tx. Spurious NVNT n40 2452MHz Ant0 Emission

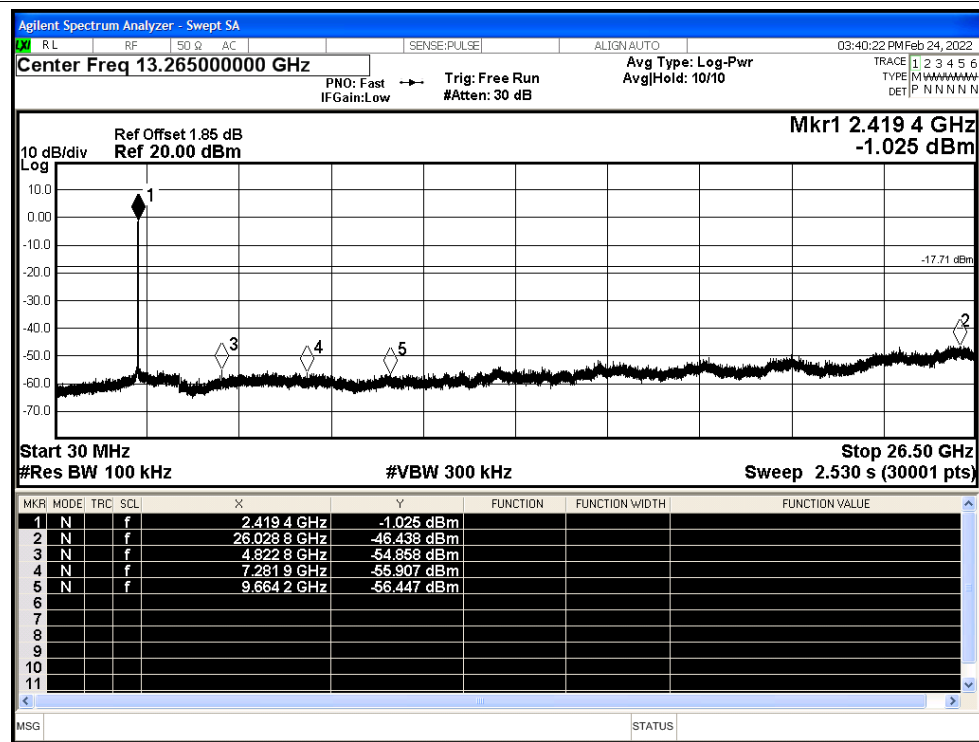




Tx. Spurious NVNT ax20 2412MHz Ant0 Ref

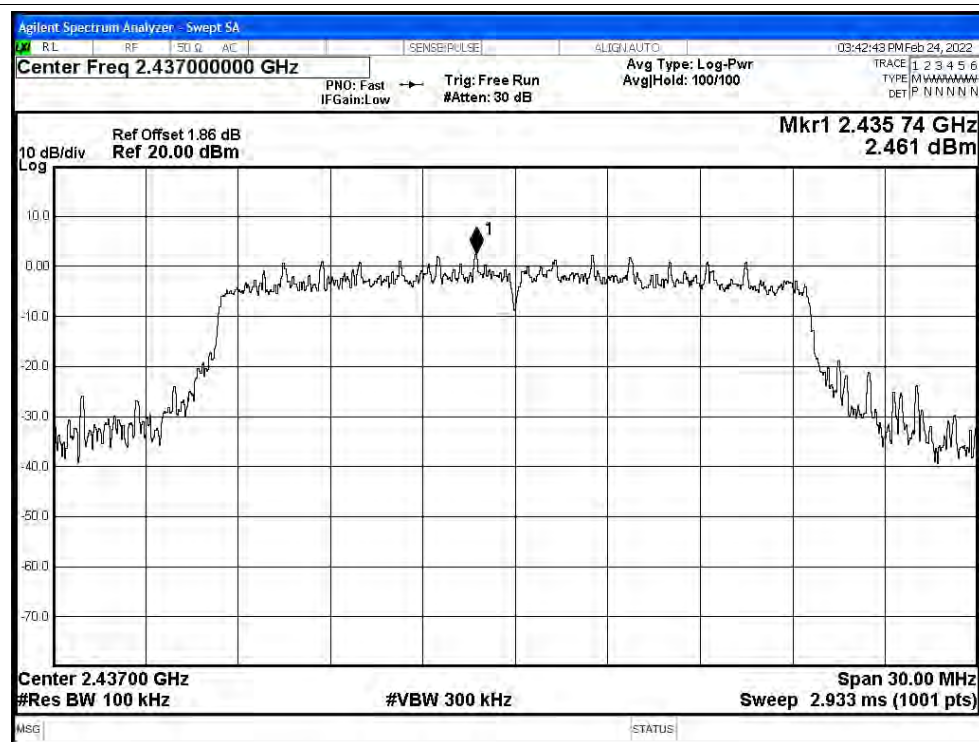


Tx. Spurious NVNT ax20 2412MHz Ant0 Emission

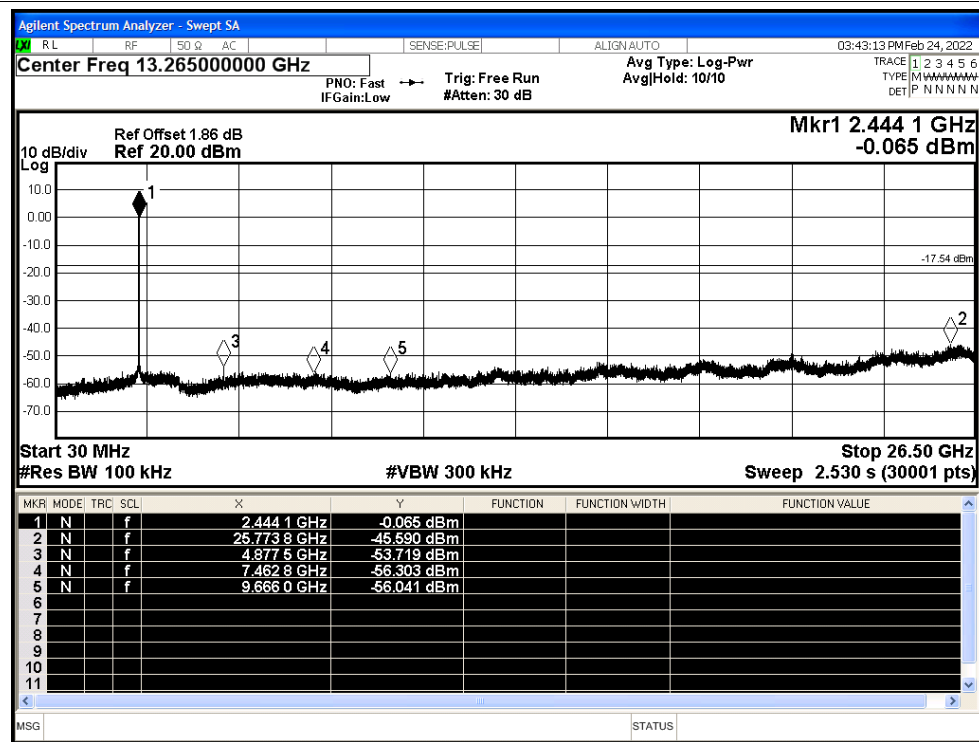




Tx. Spurious NVNT ax20 2437MHz Ant0 Ref

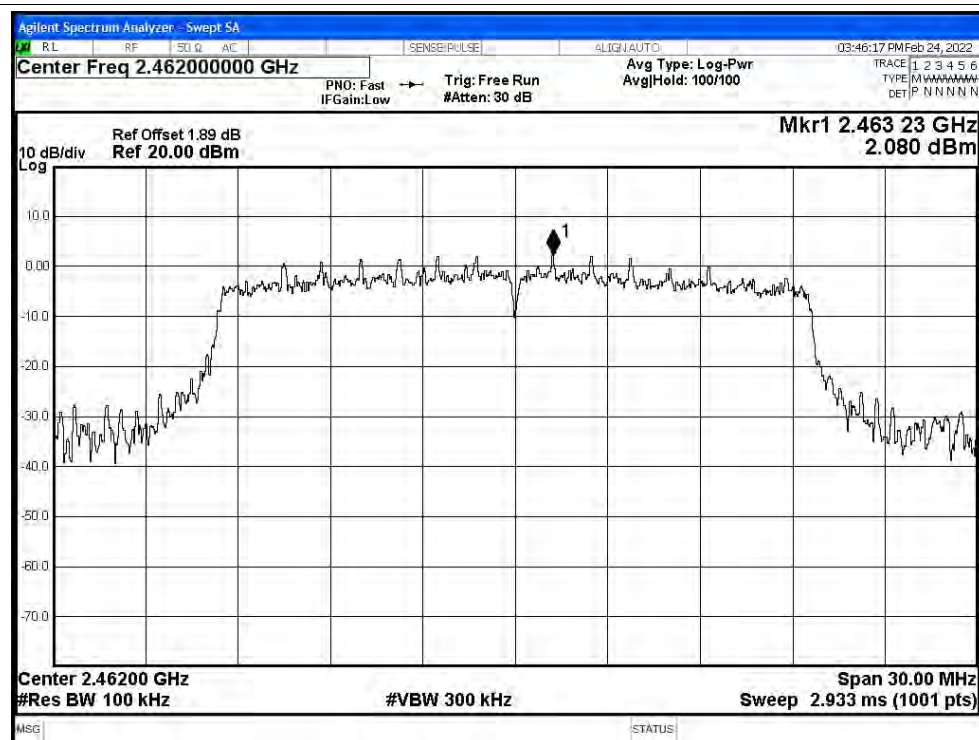


Tx. Spurious NVNT ax20 2437MHz Ant0 Emission

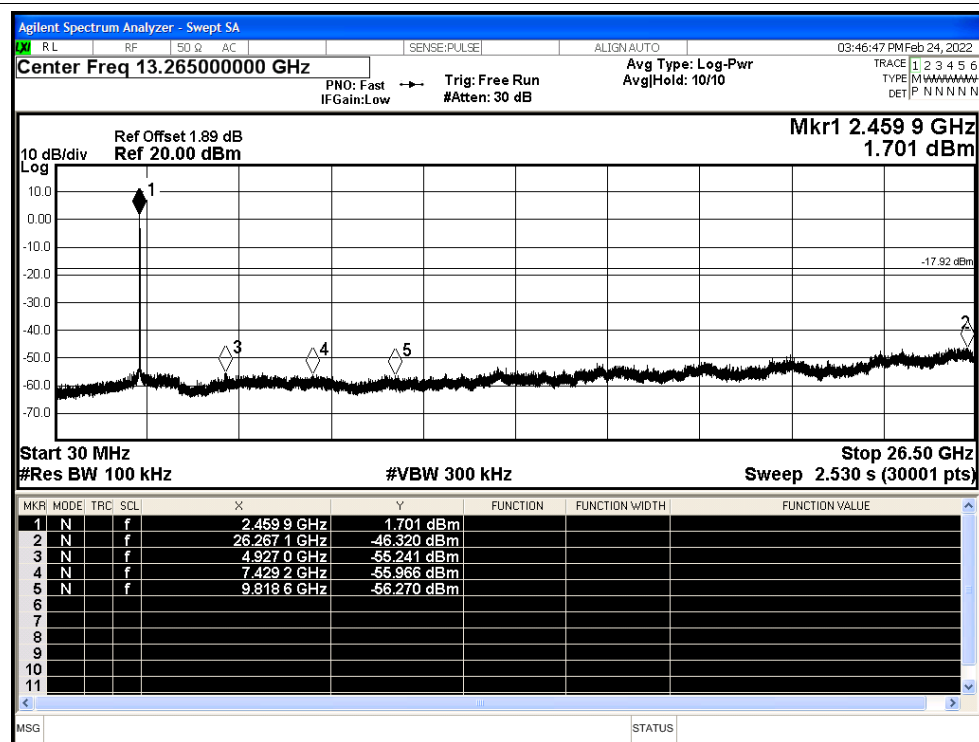




Tx. Spurious NVNT ax20 2462MHz Ant0 Ref

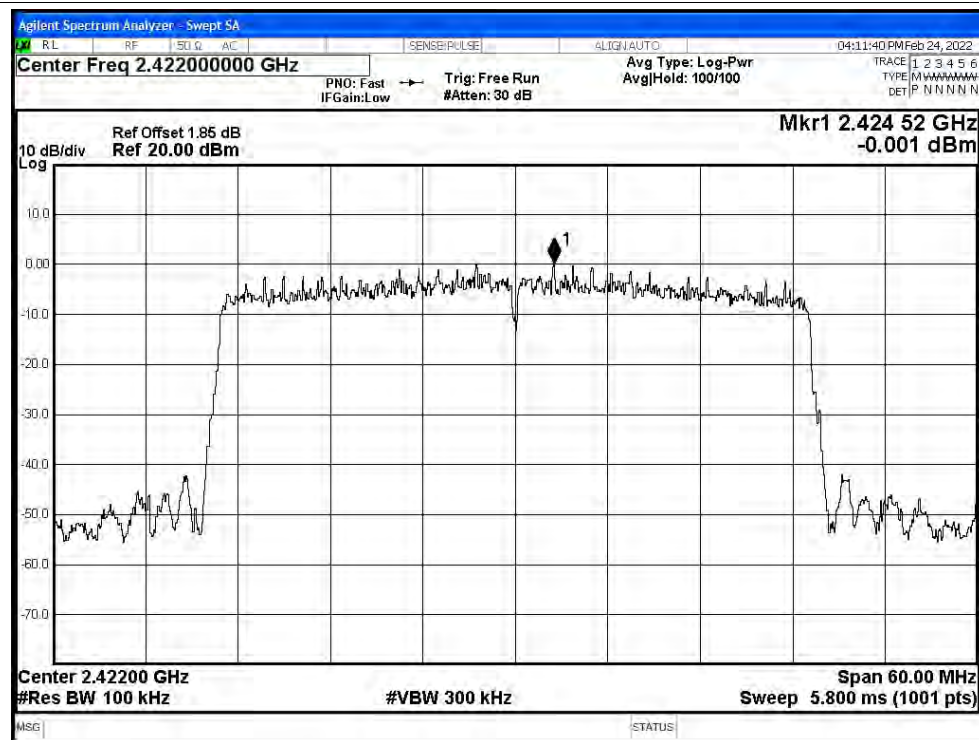


Tx. Spurious NVNT ax20 2462MHz Ant0 Emission

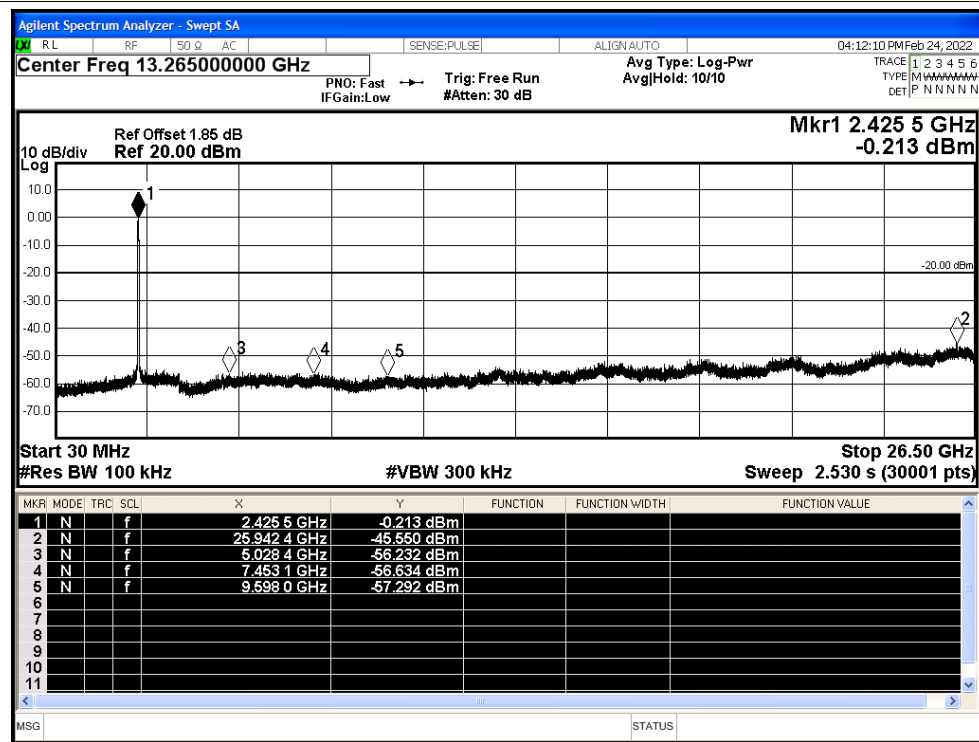




Tx. Spurious NVNT ax40 2422MHz Ant0 Ref

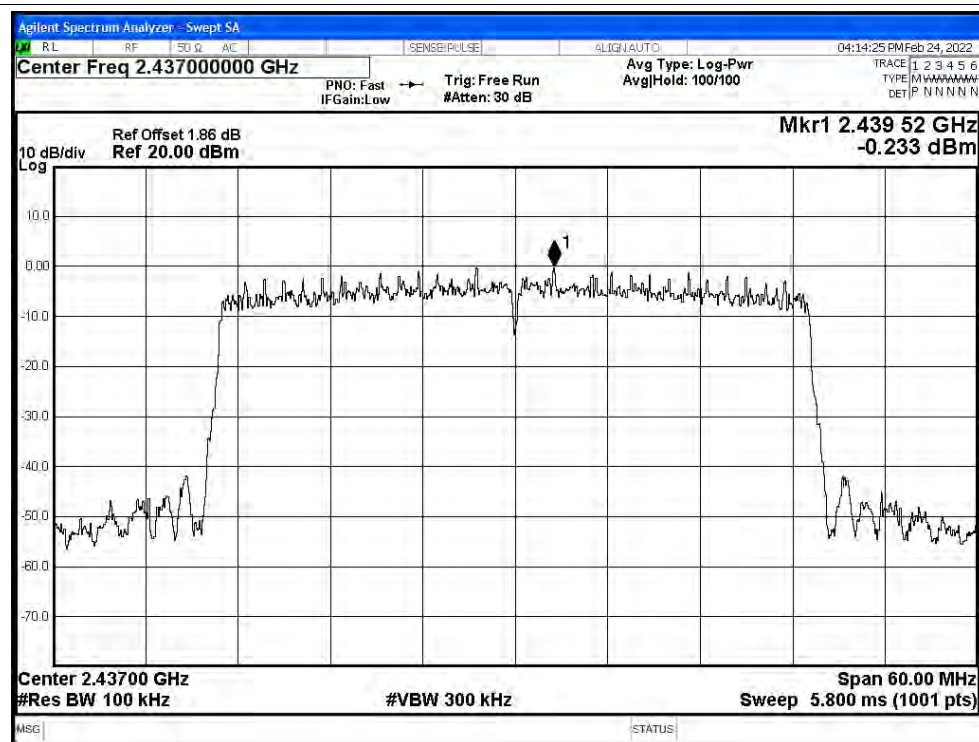


Tx. Spurious NVNT ax40 2422MHz Ant0 Emission

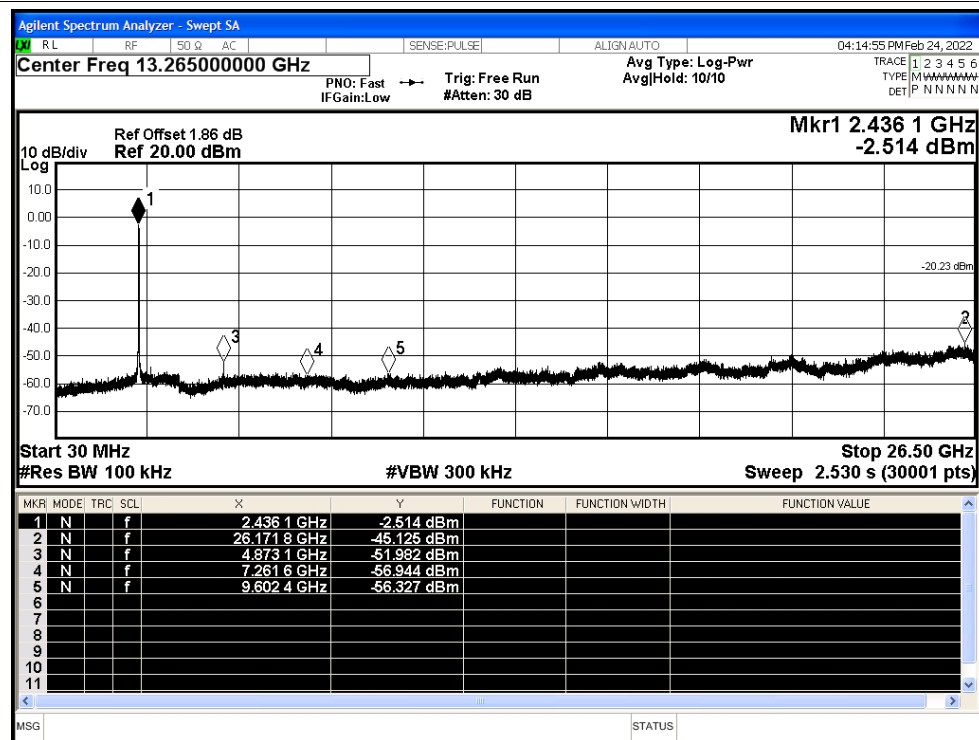




Tx. Spurious NVNT ax40 2437MHz Ant0 Ref

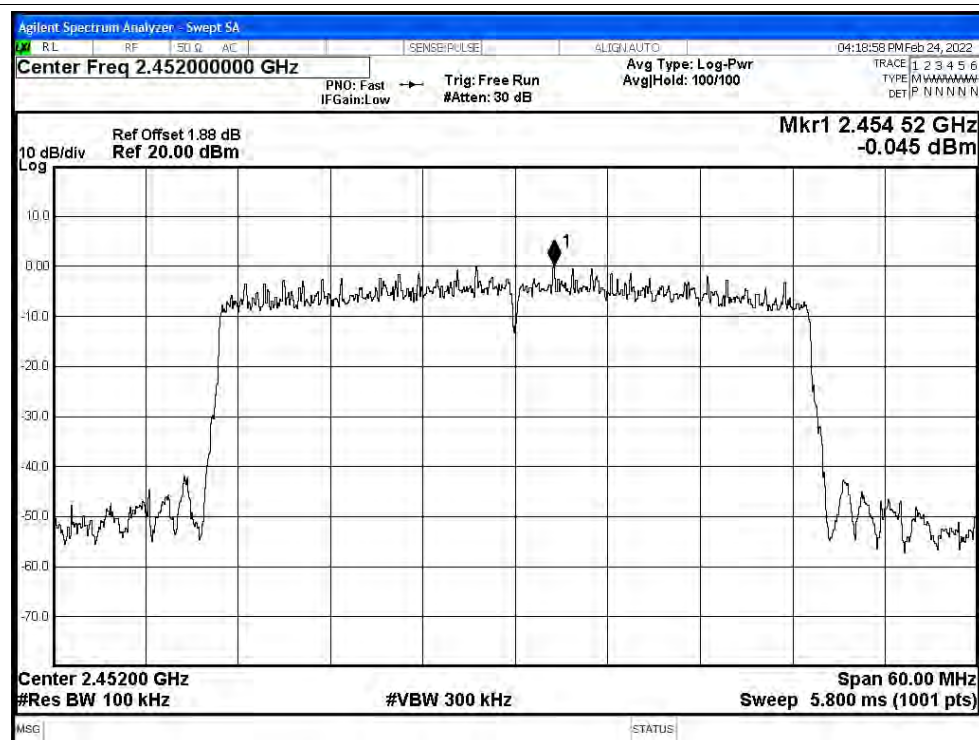


Tx. Spurious NVNT ax40 2437MHz Ant0 Emission

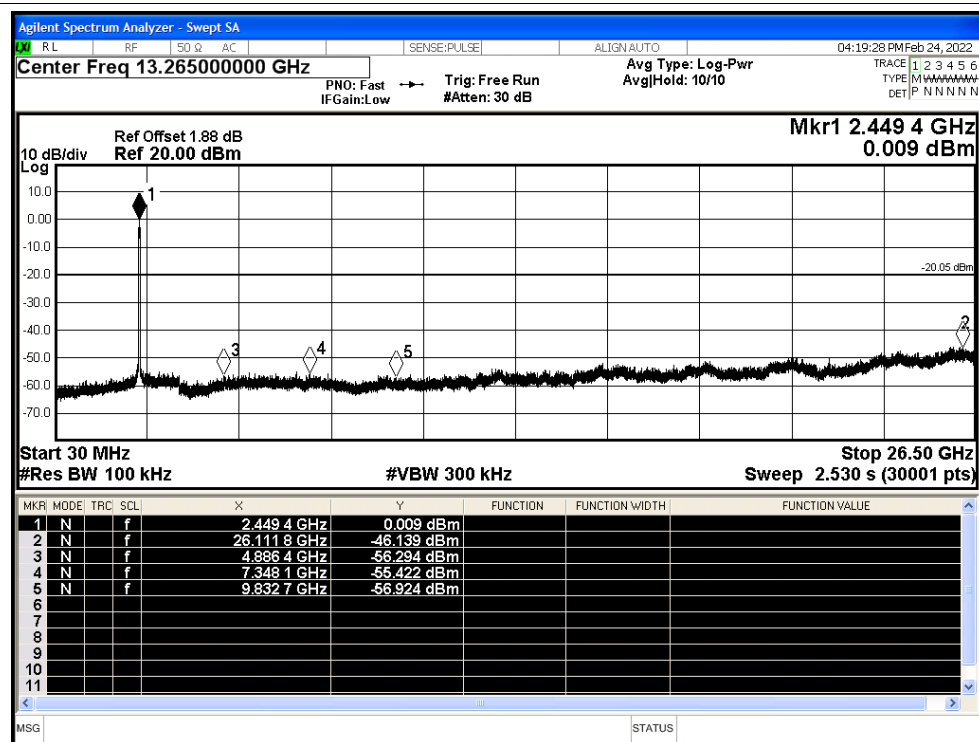




Tx. Spurious NVNT ax40 2452MHz Ant0 Ref



Tx. Spurious NVNT ax40 2452MHz Ant0 Emission





Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-49.23	-20	Pass
NVNT	b	2437	Ant1	-48.91	-20	Pass
NVNT	b	2462	Ant1	-48.81	-20	Pass
NVNT	g	2412	Ant1	-48.17	-20	Pass
NVNT	g	2437	Ant1	-48.51	-20	Pass
NVNT	g	2462	Ant1	-47.03	-20	Pass
NVNT	n20	2412	Ant1	-49.75	-20	Pass
NVNT	n20	2437	Ant1	-47.8	-20	Pass
NVNT	n20	2462	Ant1	-47.27	-20	Pass
NVNT	n40	2422	Ant1	-46.28	-20	Pass
NVNT	n40	2437	Ant1	-46.22	-20	Pass
NVNT	n40	2452	Ant1	-46.47	-20	Pass
NVNT	ax20	2412	Ant1	-47.96	-20	Pass
NVNT	ax20	2437	Ant1	-49.16	-20	Pass
NVNT	ax20	2462	Ant1	-46.33	-20	Pass
NVNT	ax40	2422	Ant1	-46.2	-20	Pass
NVNT	ax40	2437	Ant1	-44.91	-20	Pass
NVNT	ax40	2452	Ant1	-46.02	-20	Pass