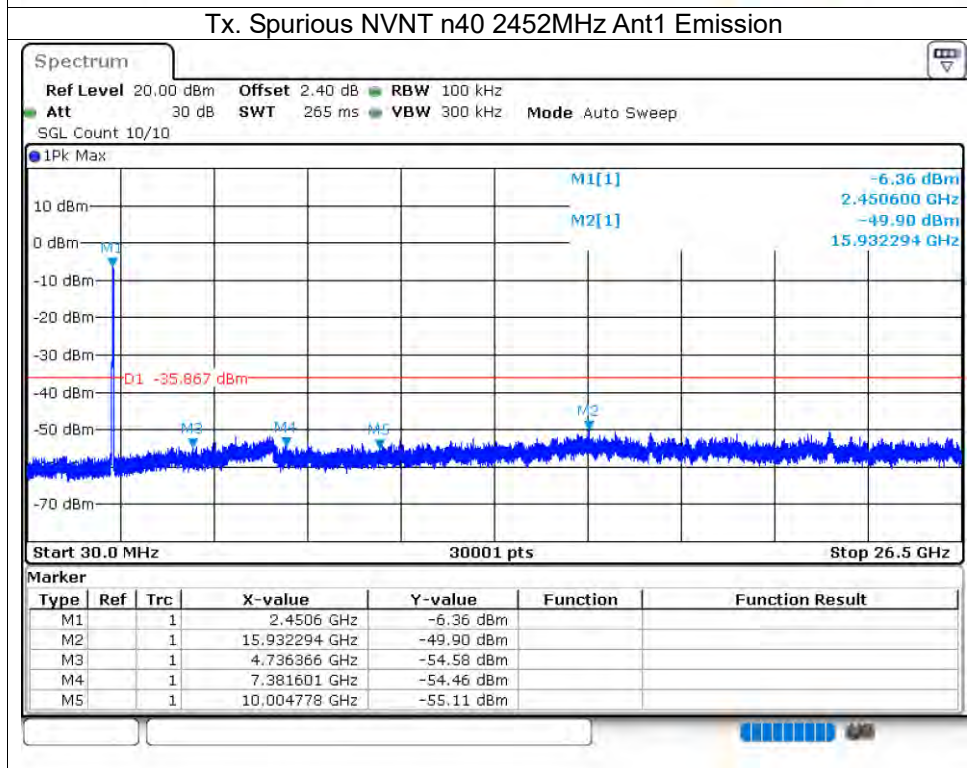
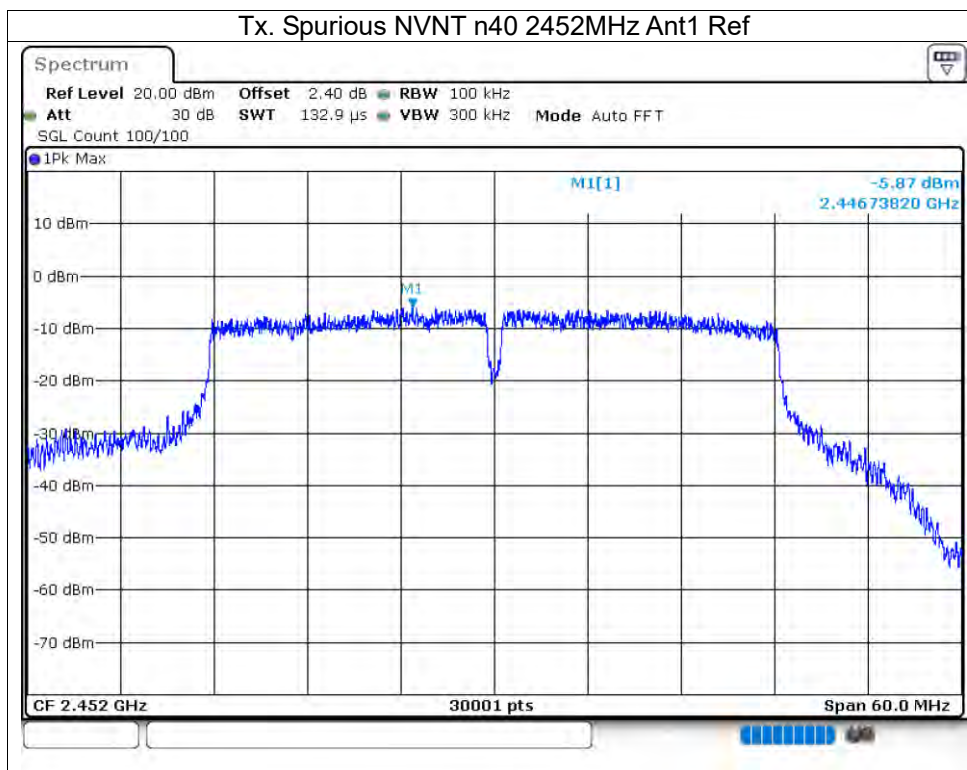
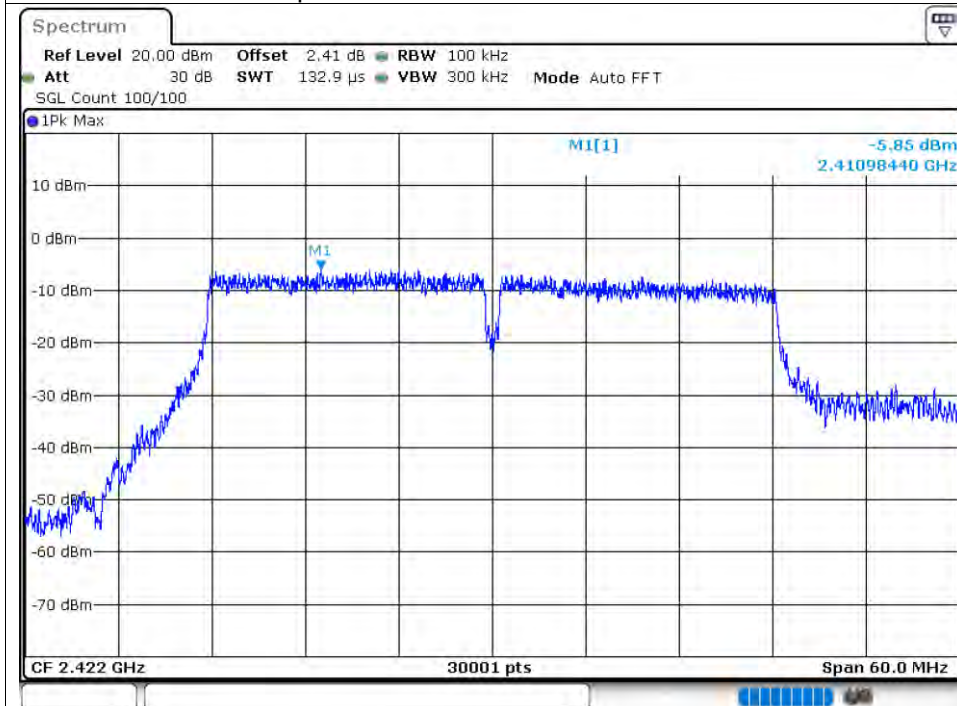
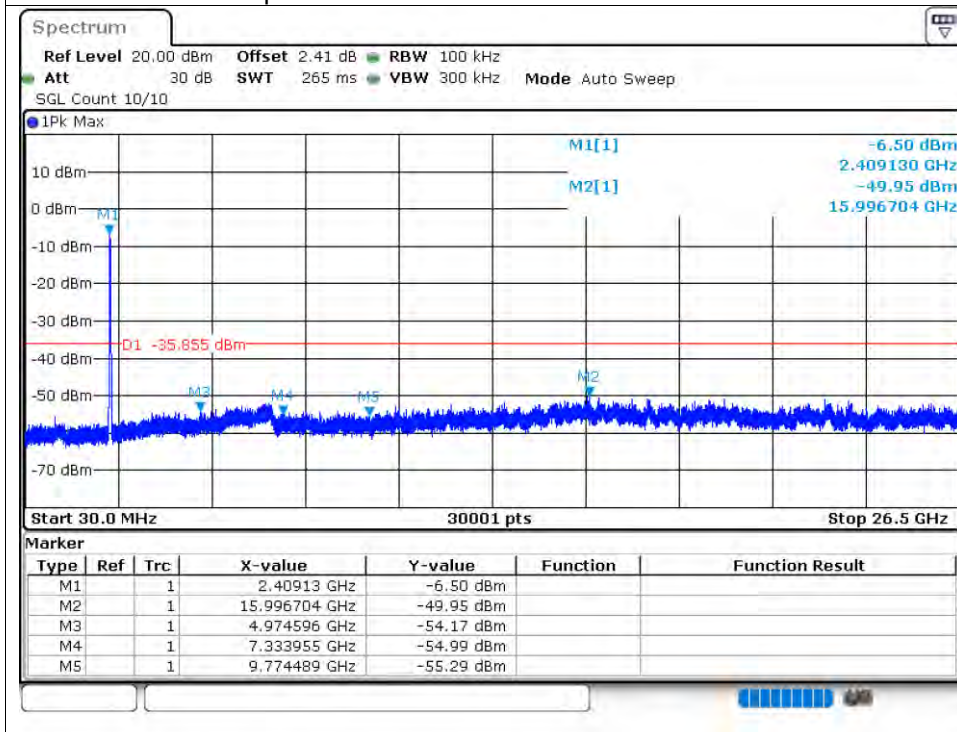


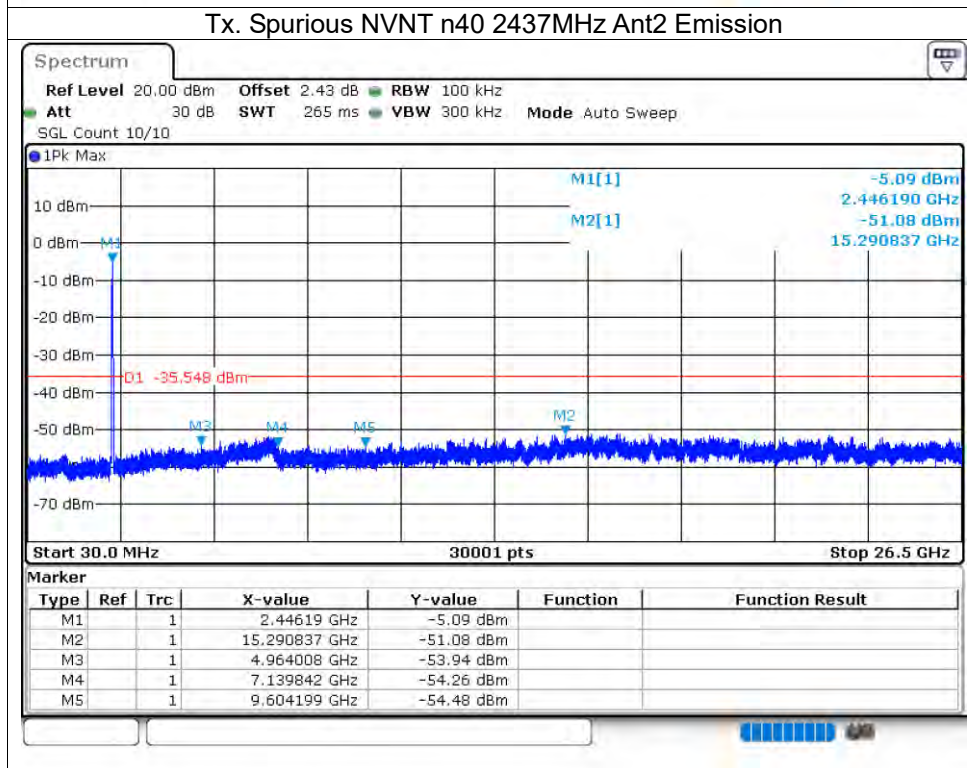
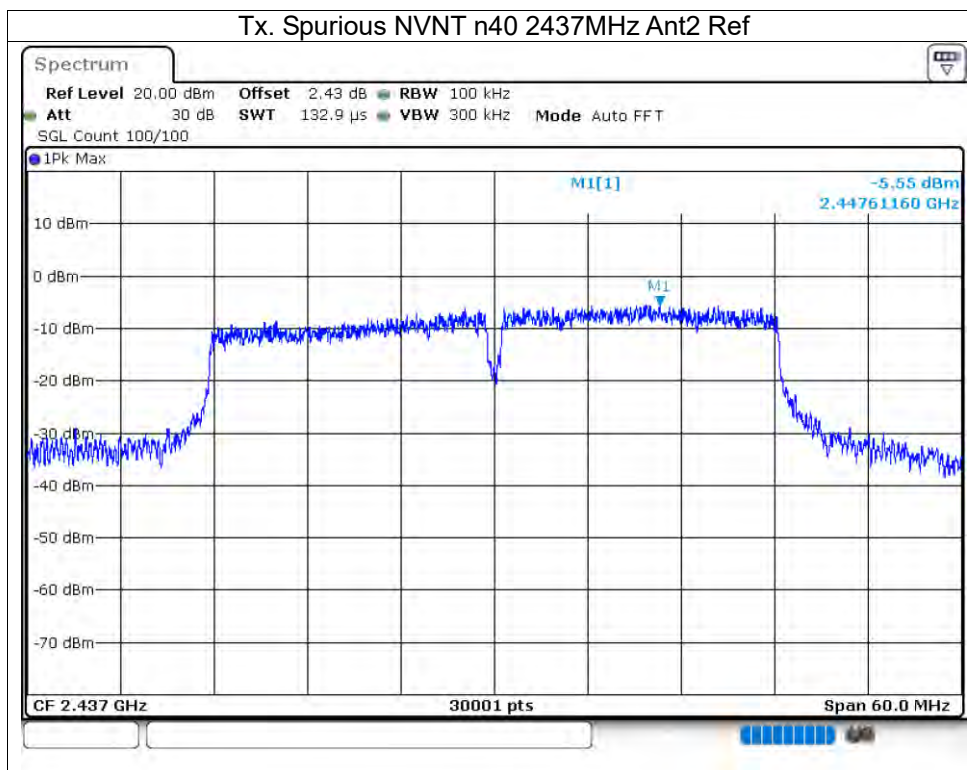


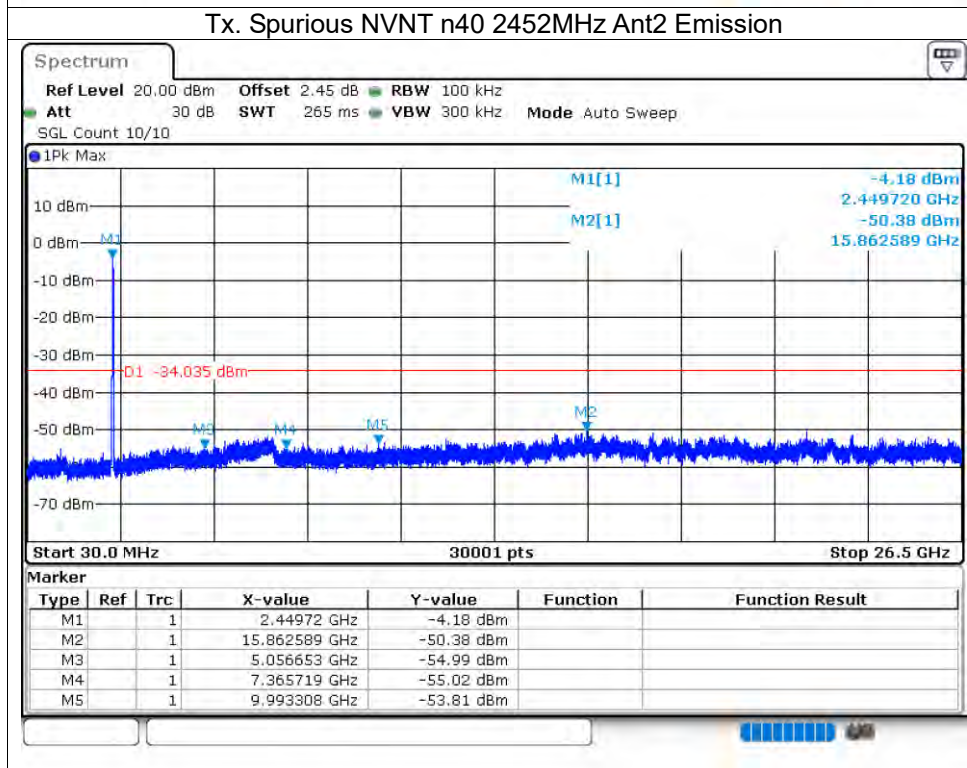
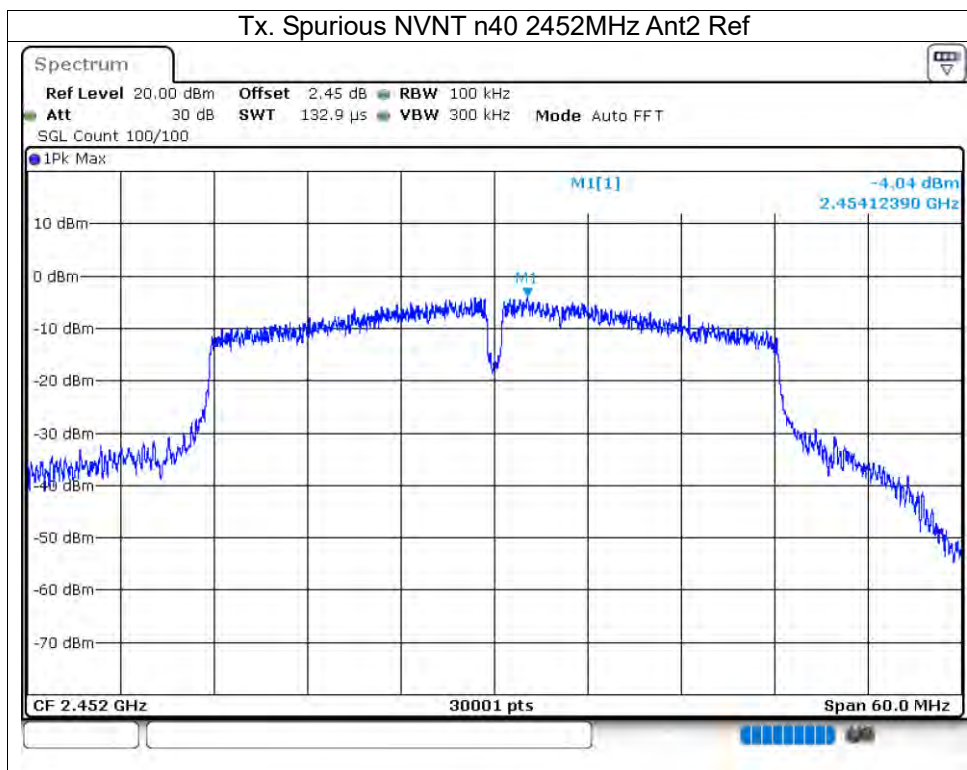
Tx. Spurious NVNT n40 2422MHz Ant2 Ref

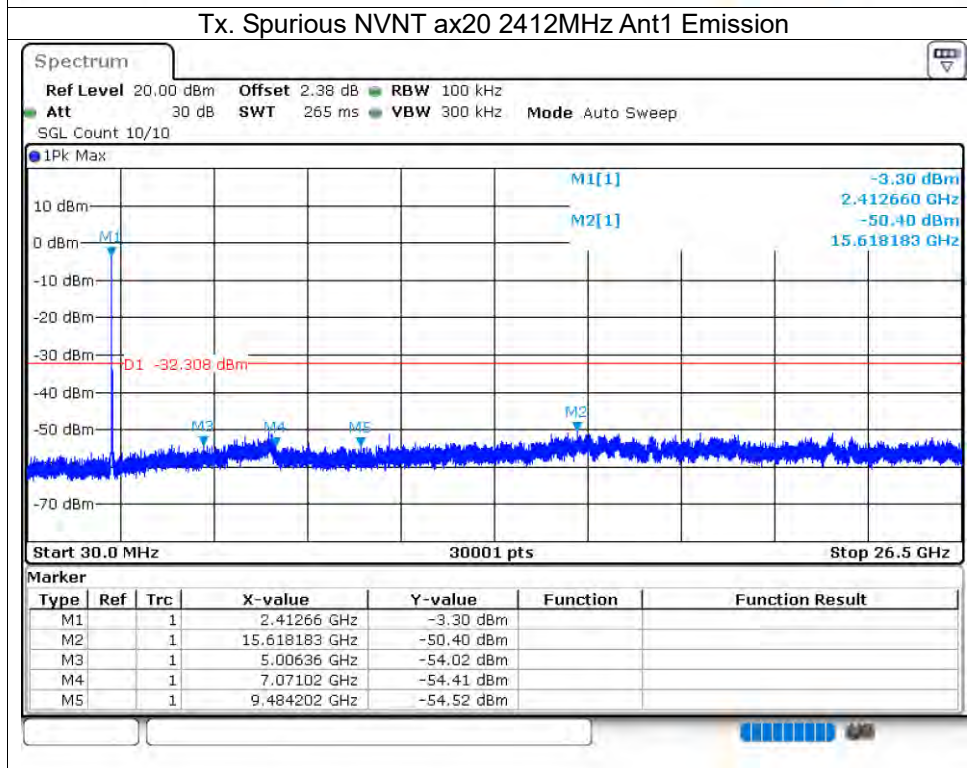
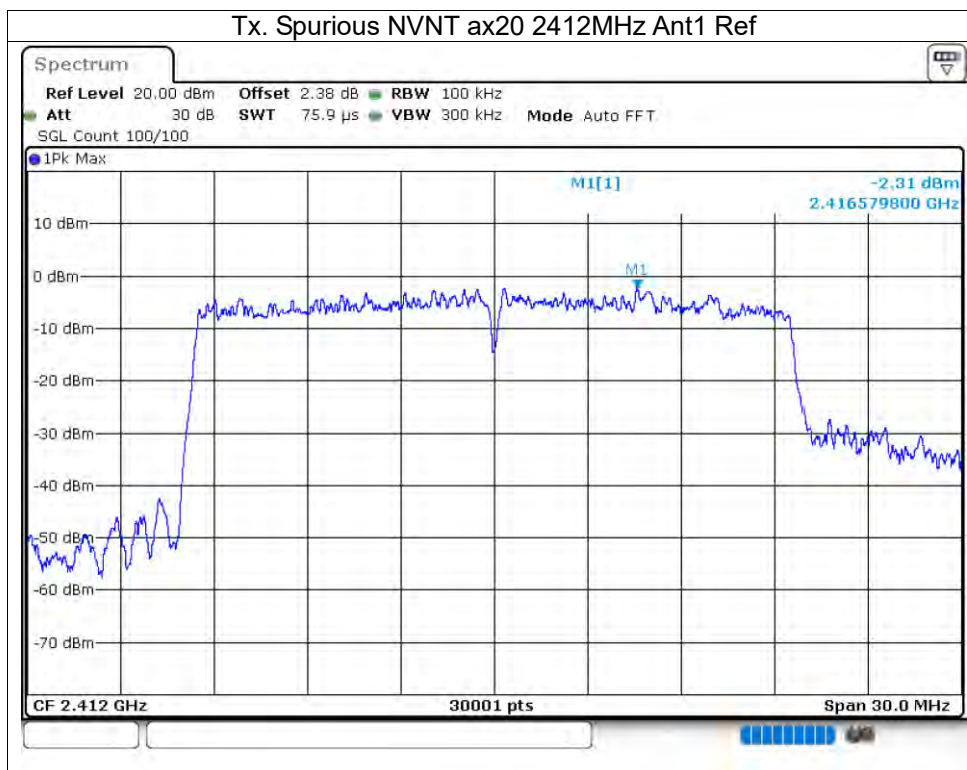


Tx. Spurious NVNT n40 2422MHz Ant2 Emission

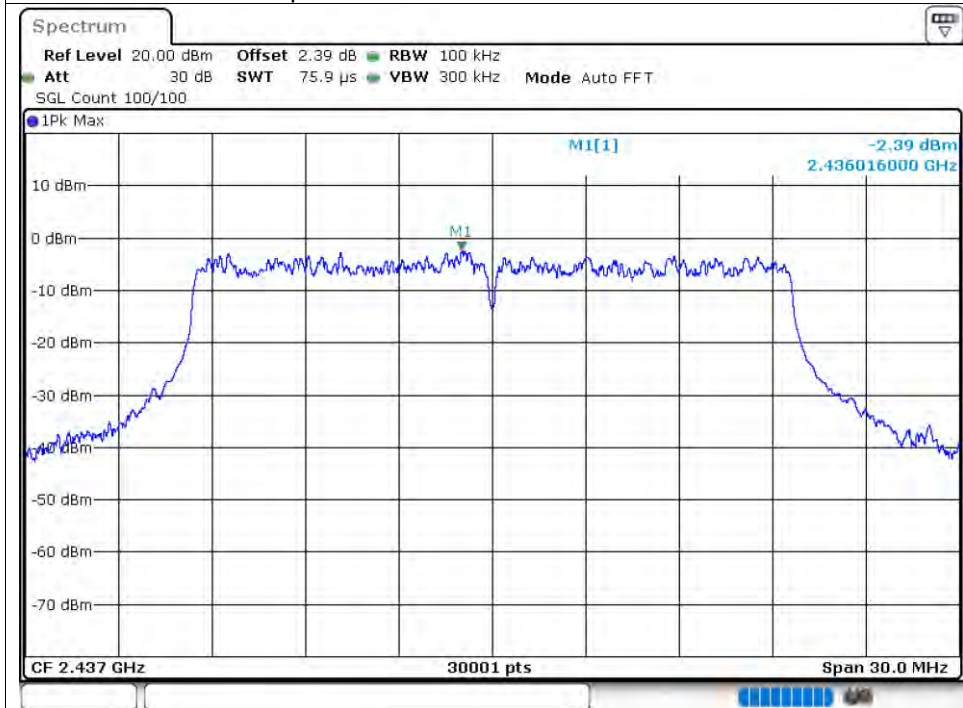




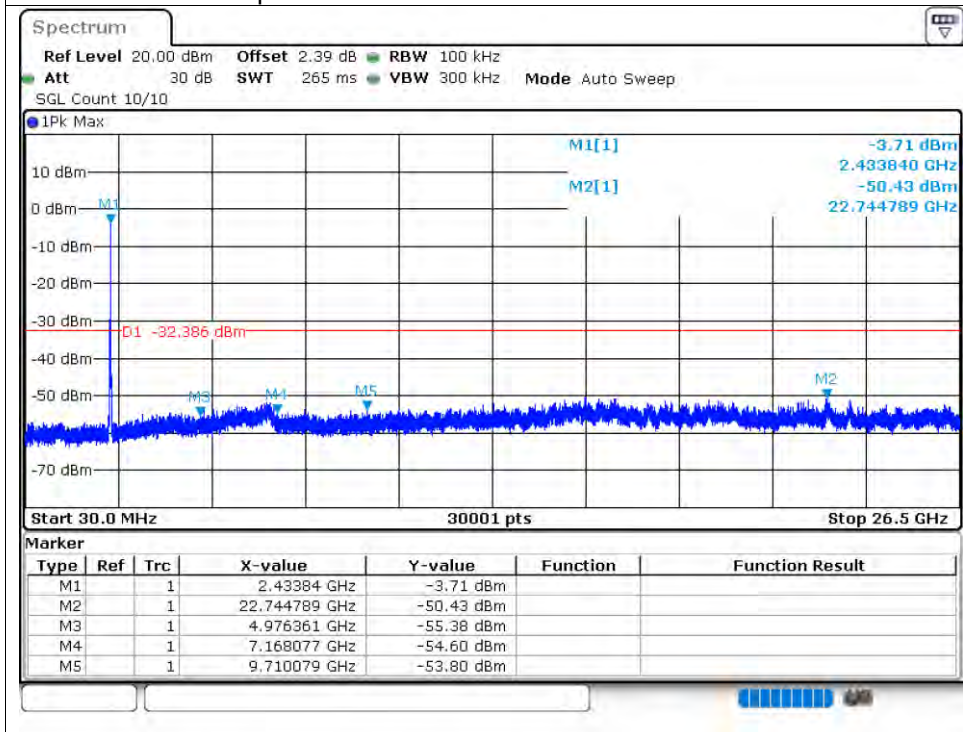


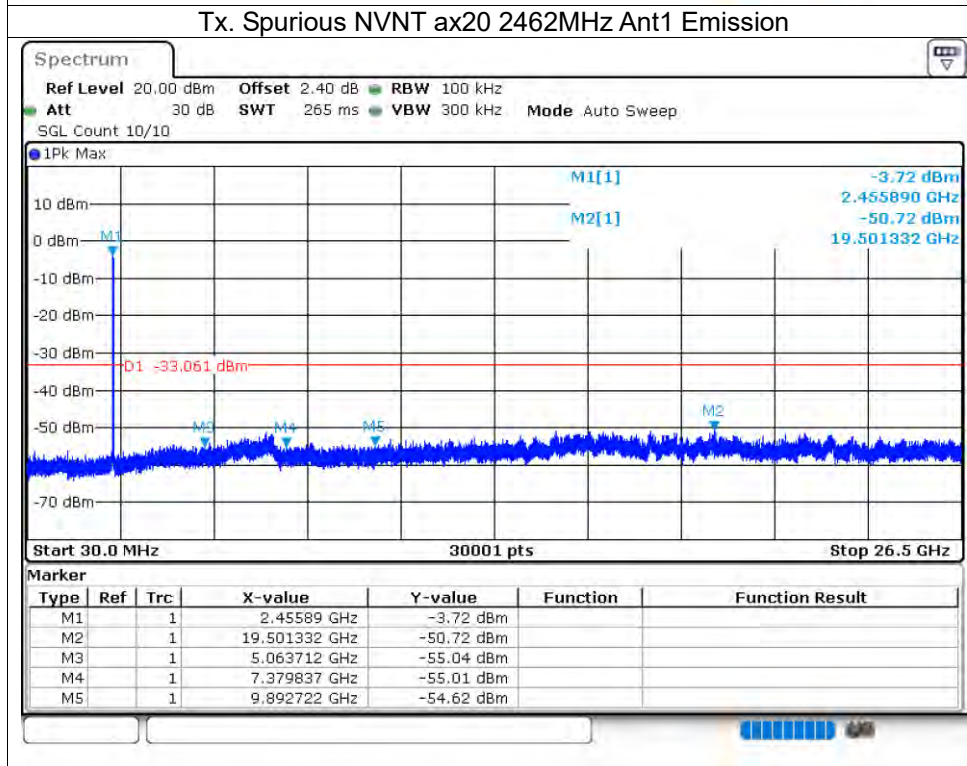
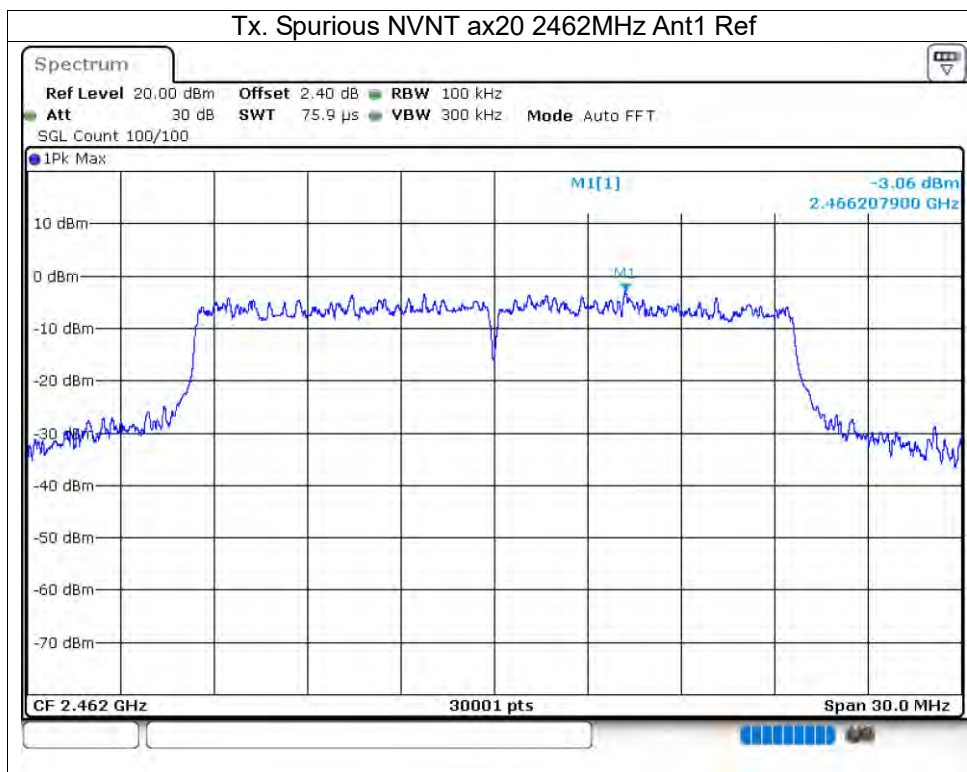


Tx. Spurious NVNT ax20 2437MHz Ant1 Ref

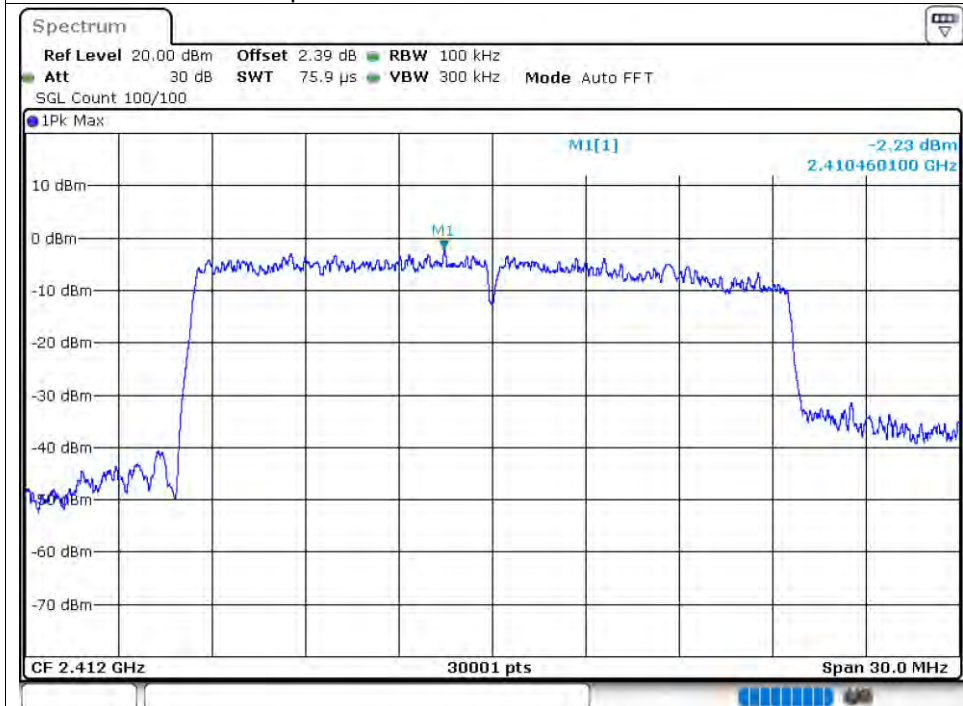


Tx. Spurious NVNT ax20 2437MHz Ant1 Emission

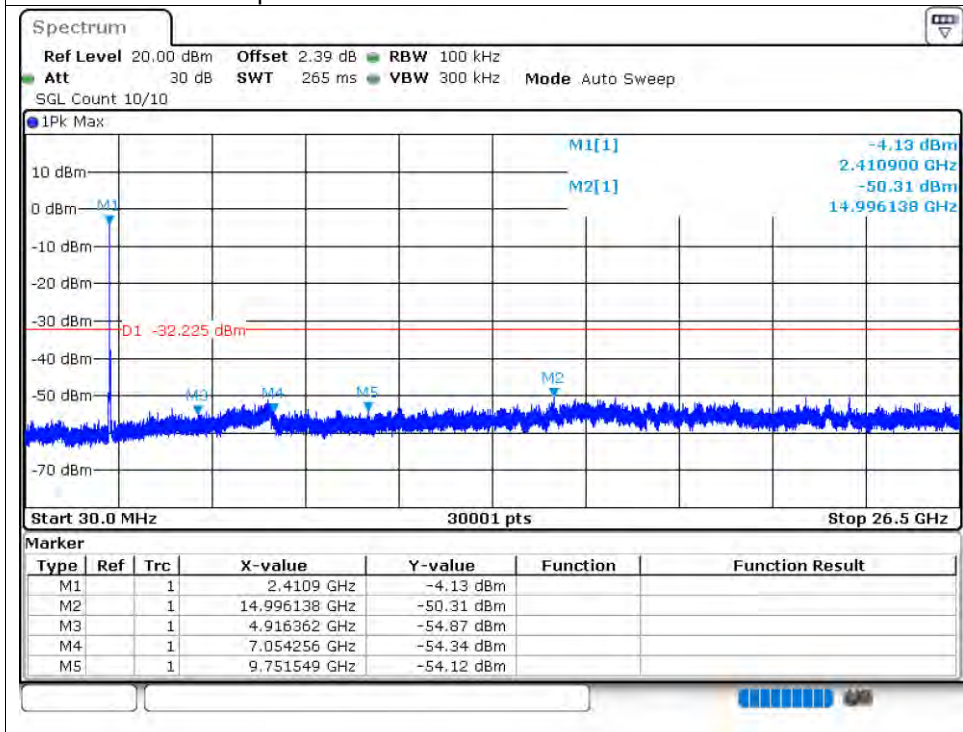




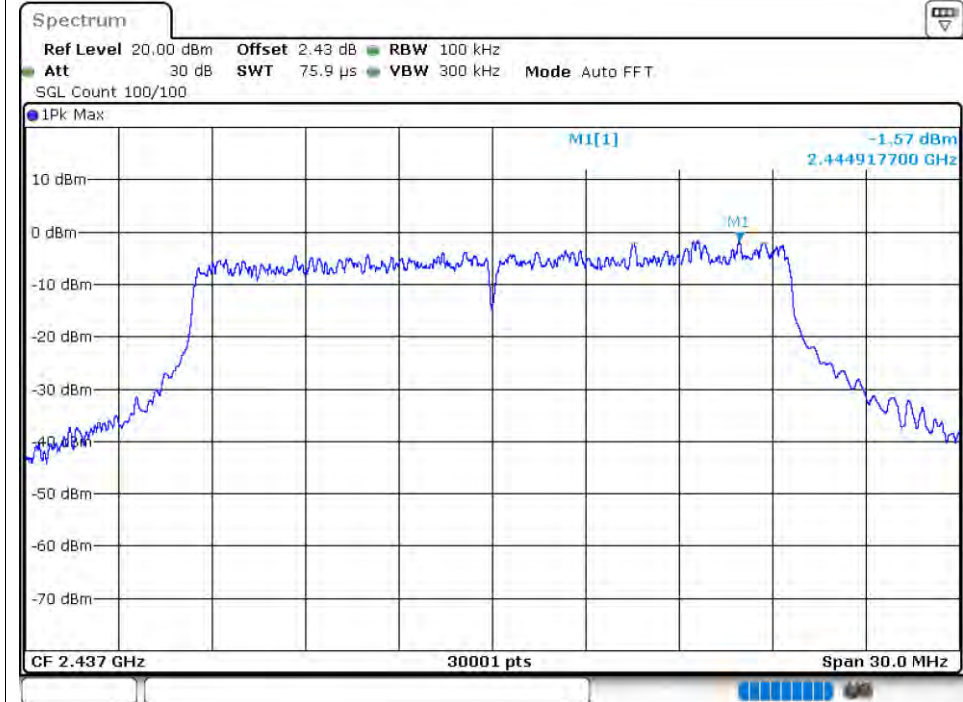
Tx. Spurious NVNT ax20 2412MHz Ant2 Ref



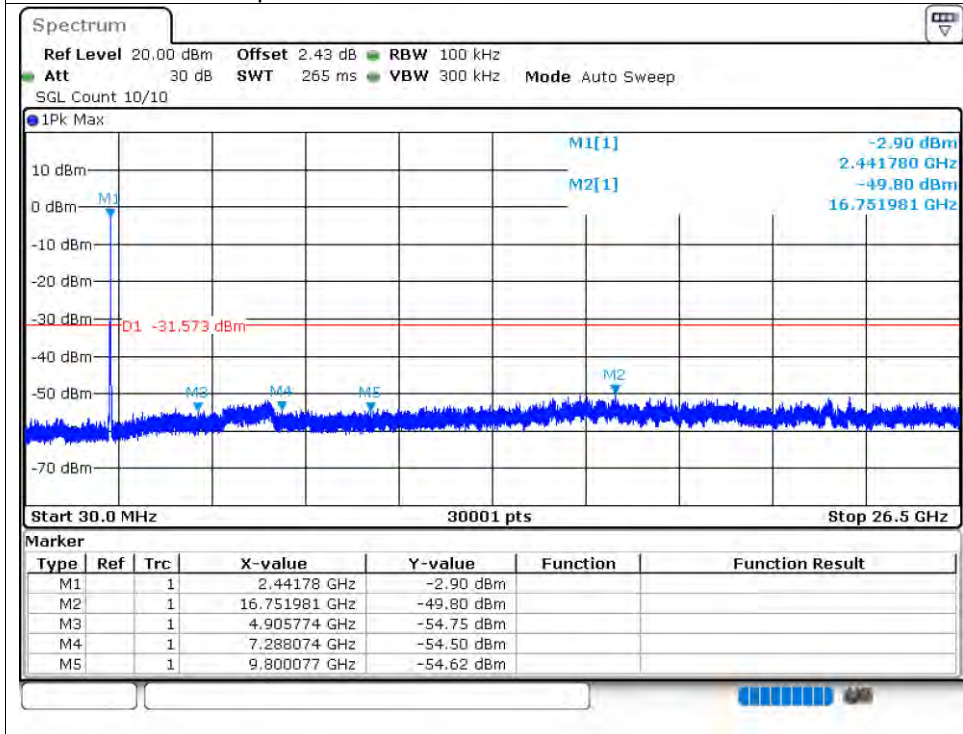
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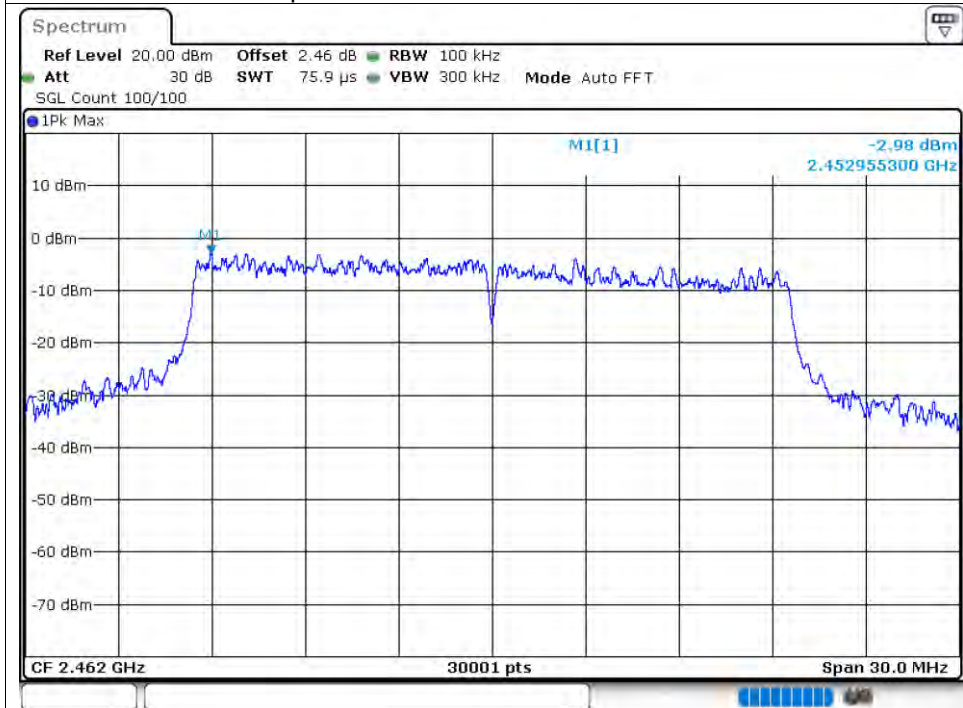
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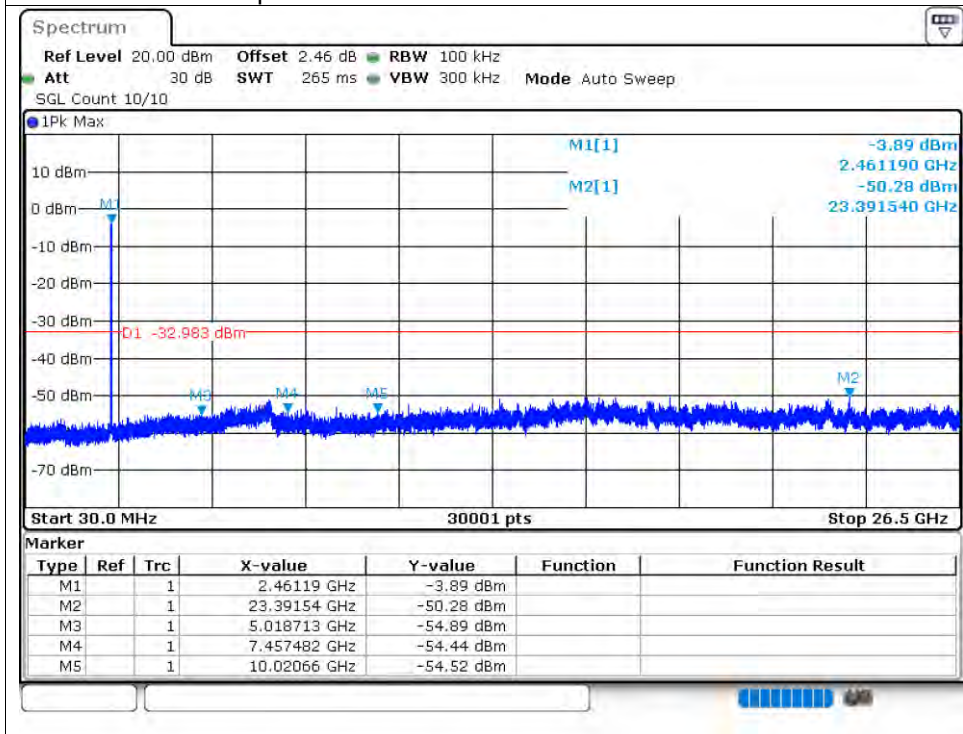
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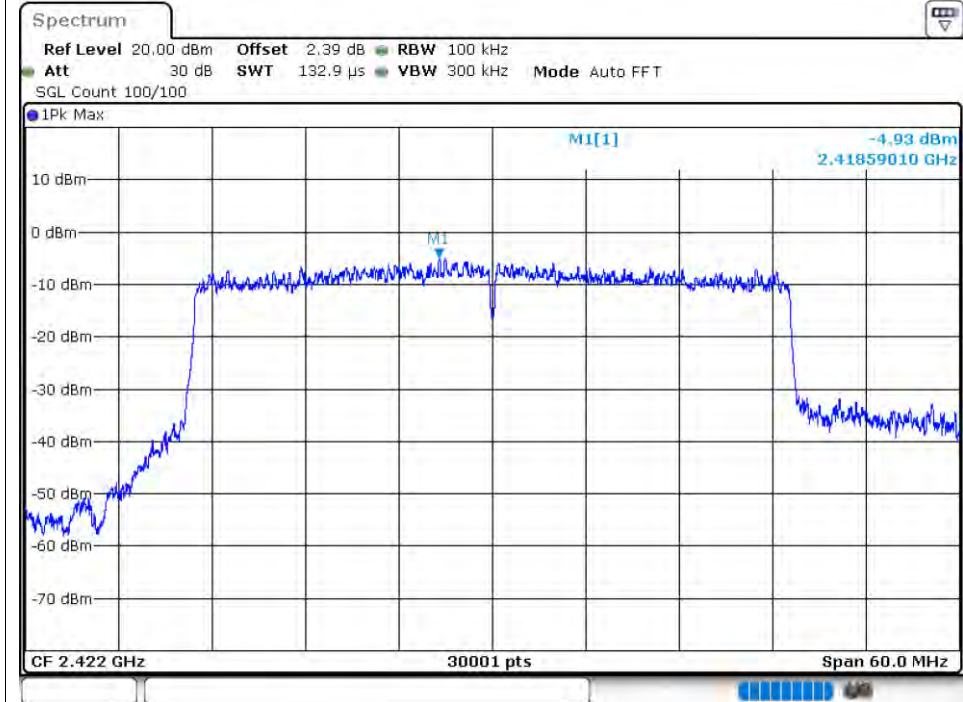
Tx. Spurious NVNT ax20 2462MHz Ant2 Ref



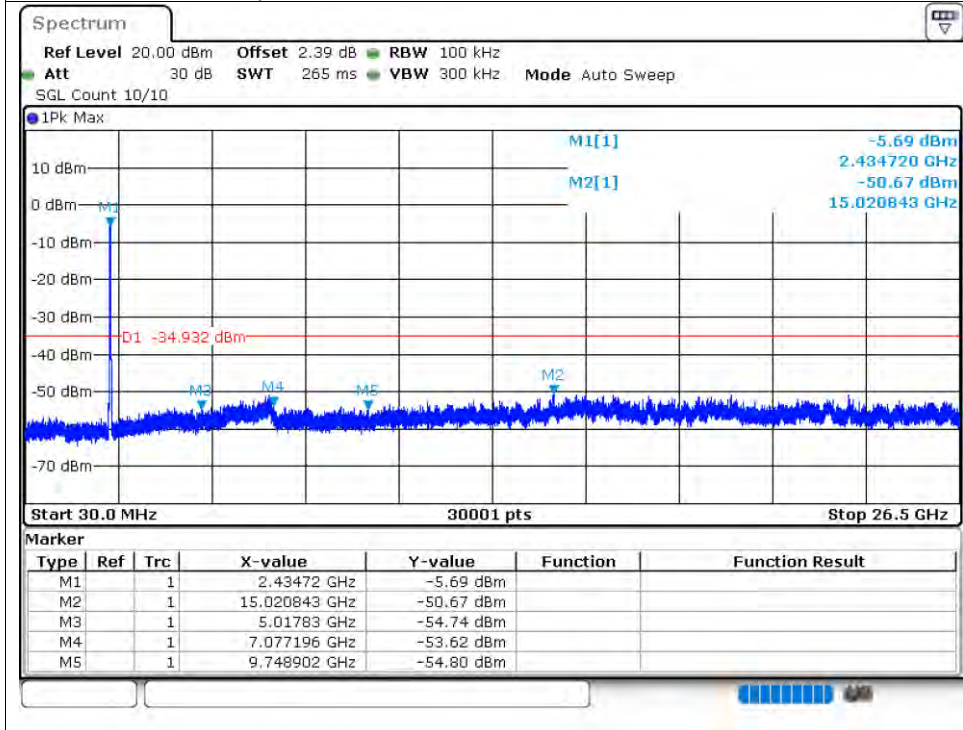
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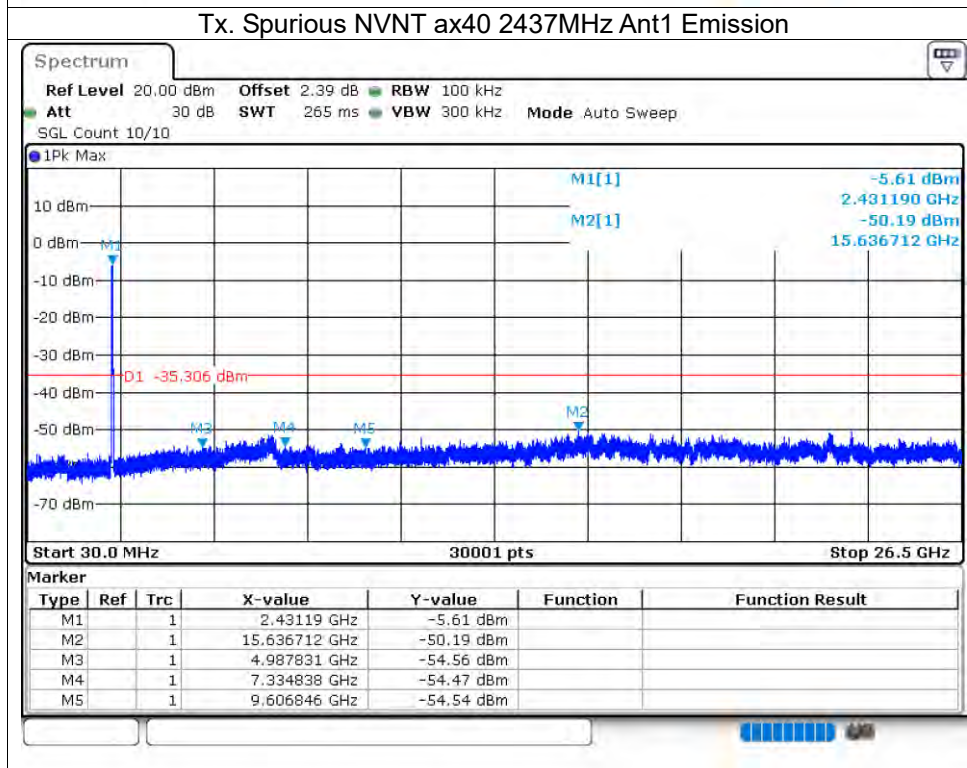
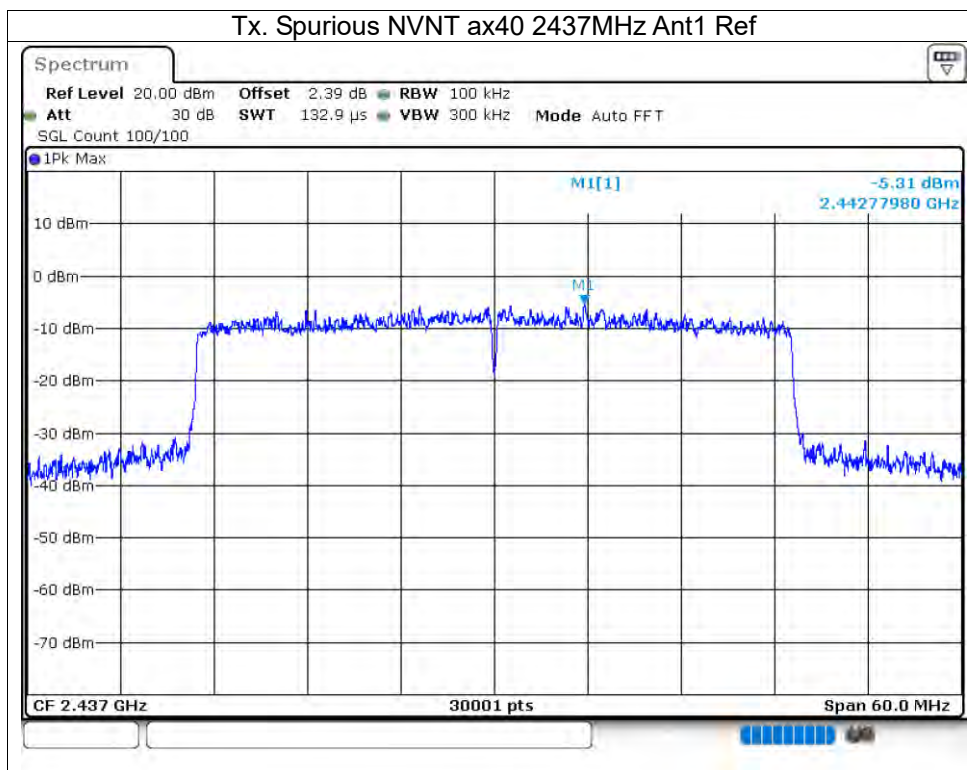


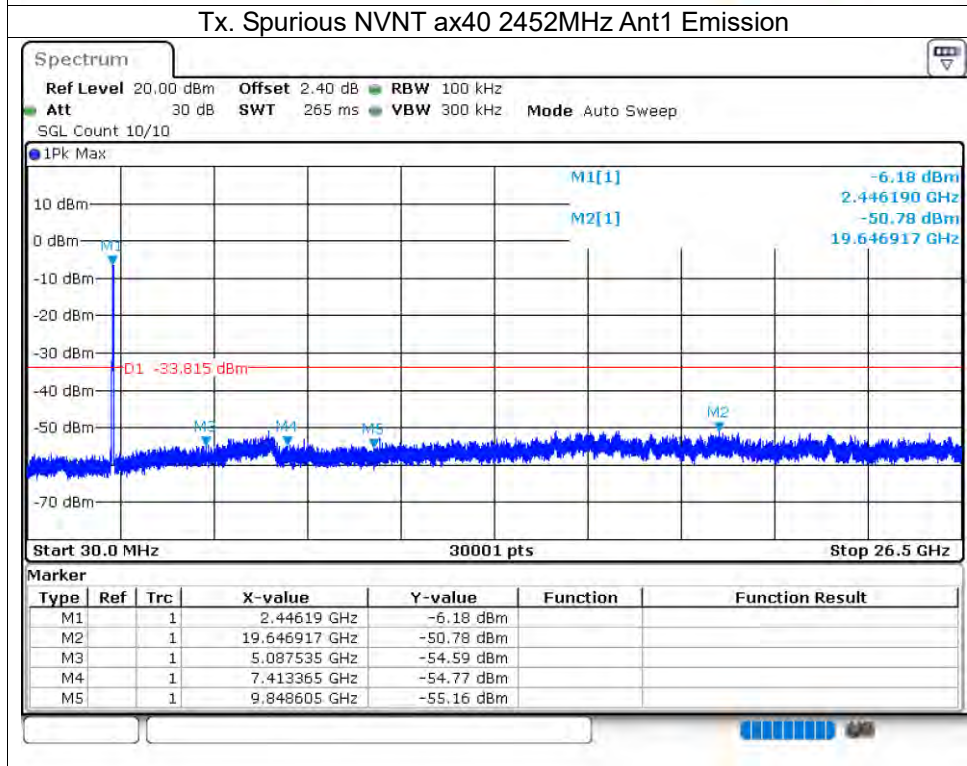
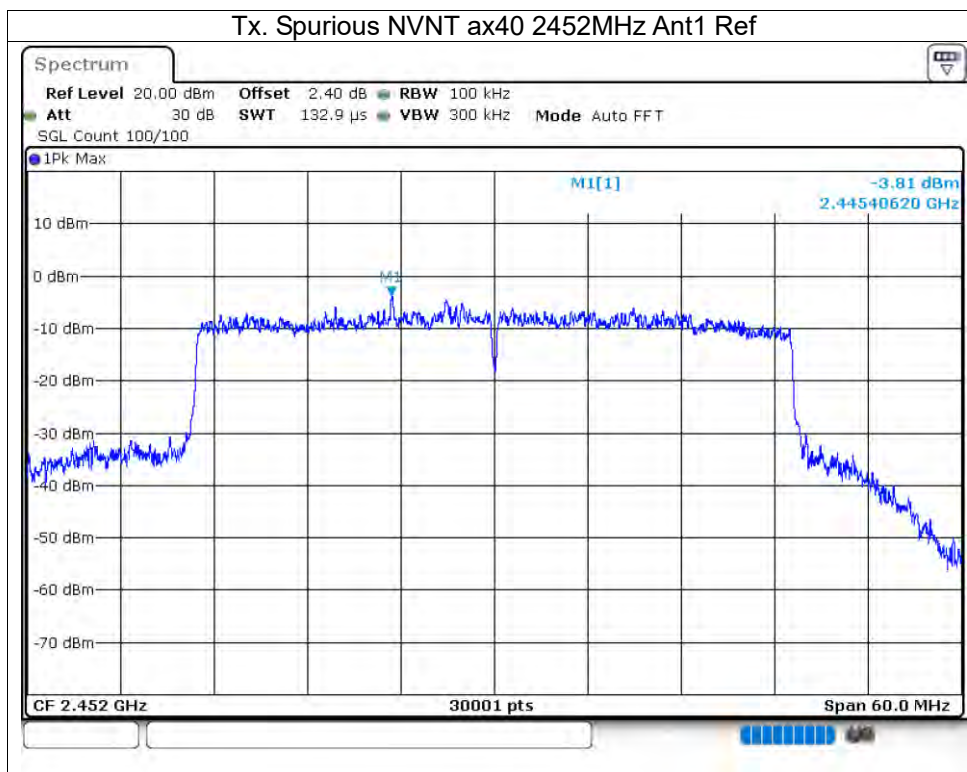
Tx. Spurious NVNT ax40 2422MHz Ant1 Ref

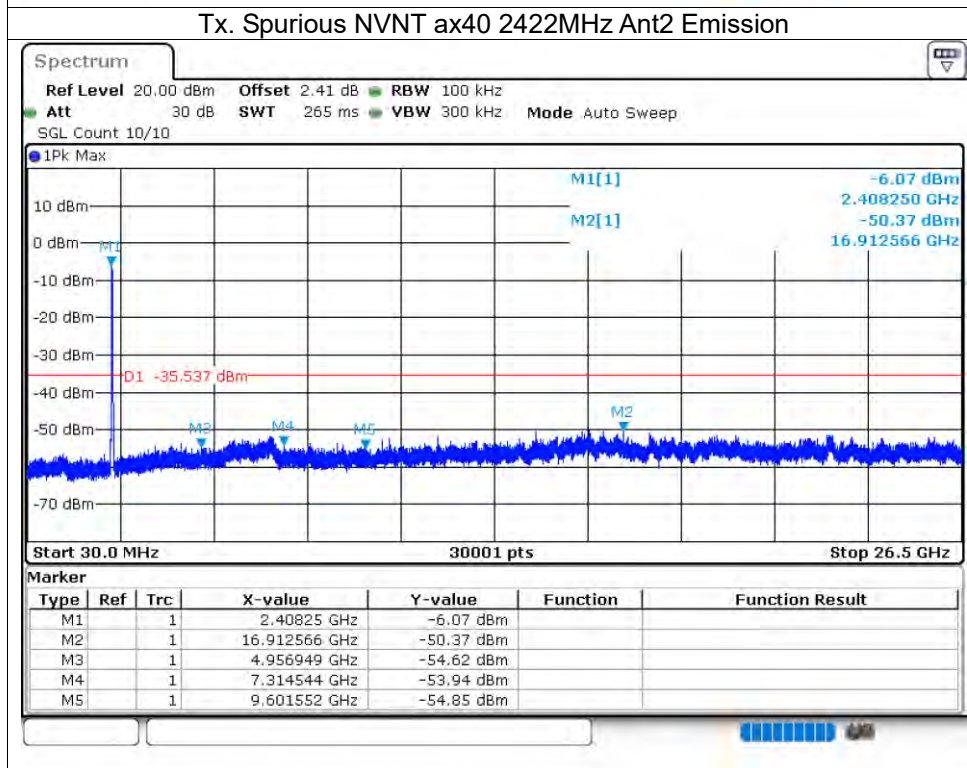
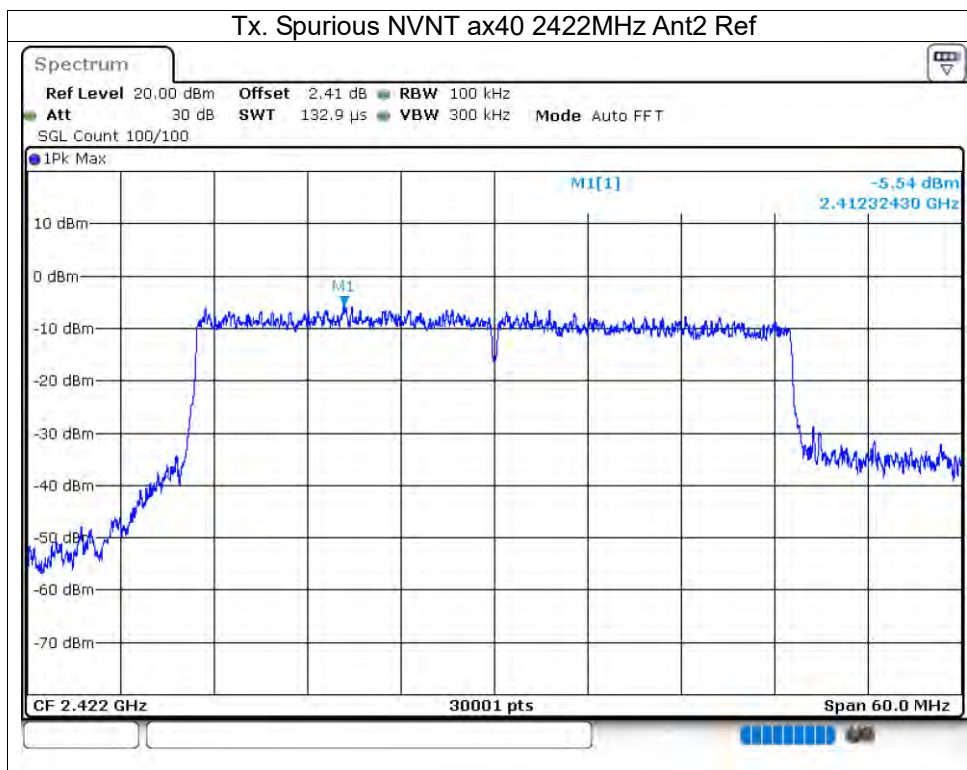


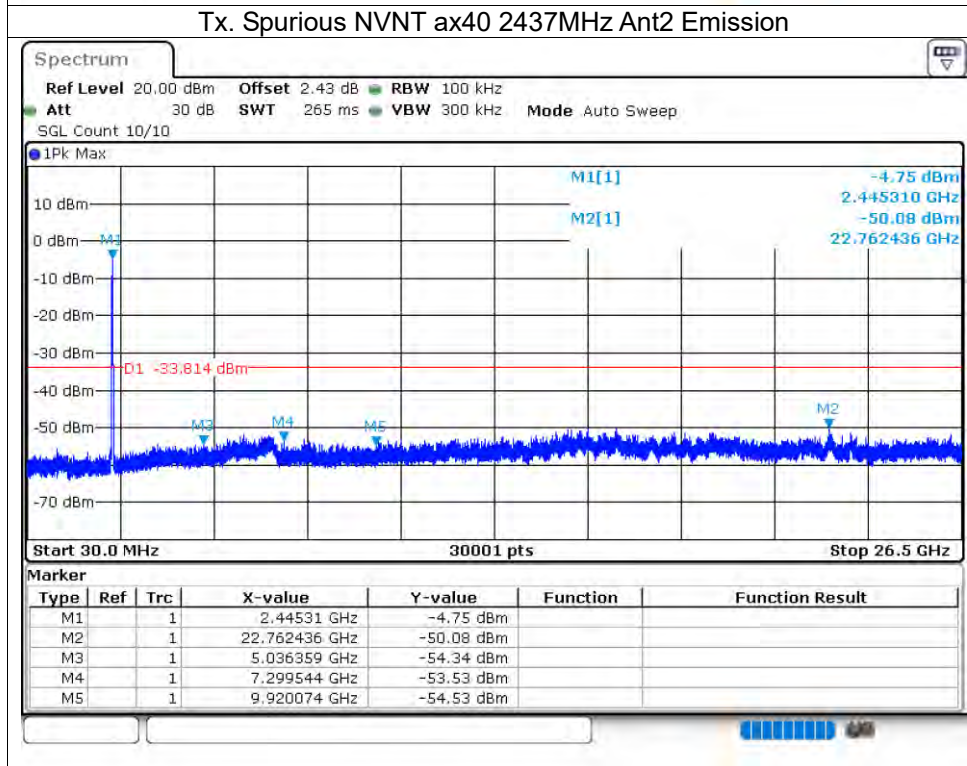
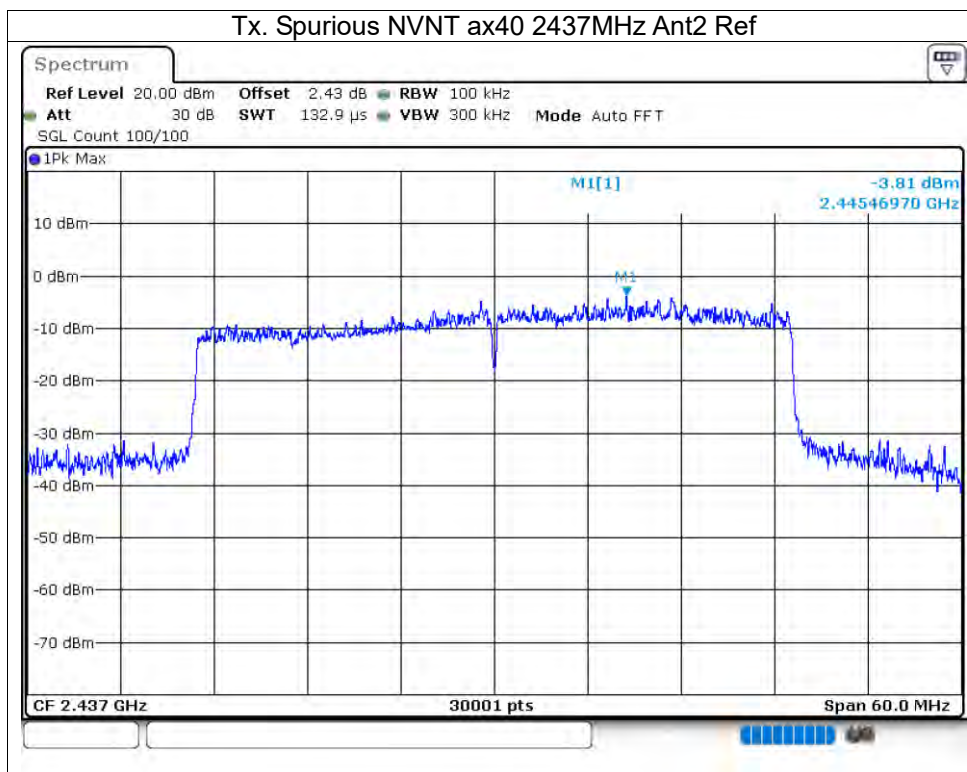
Tx. Spurious NVNT ax40 2422MHz Ant1 Emission

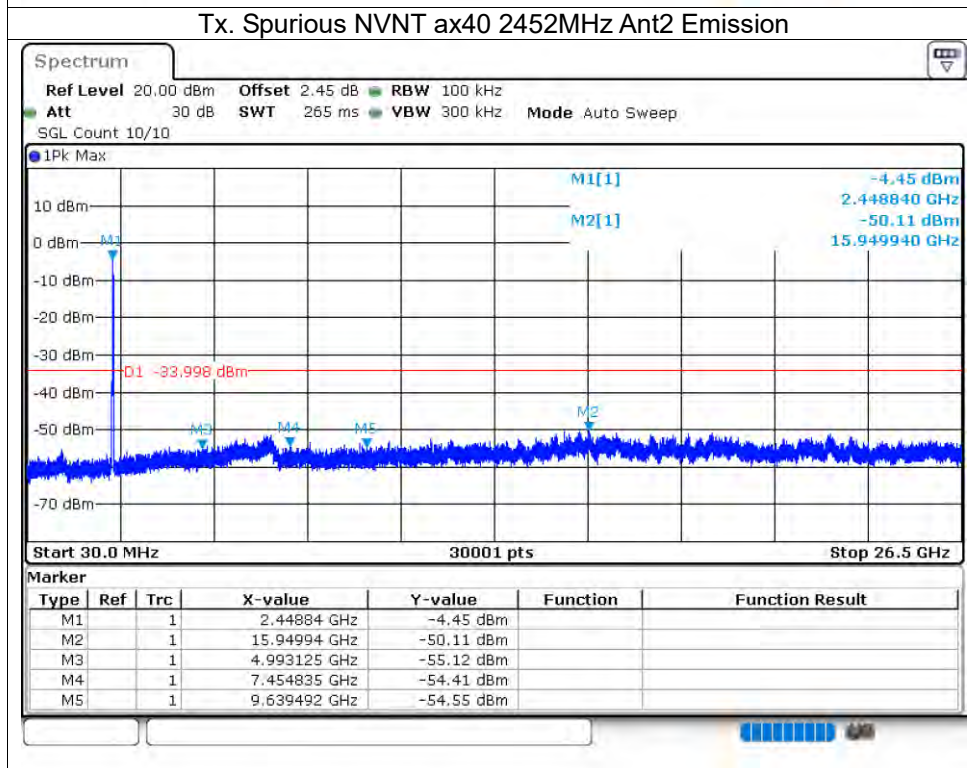
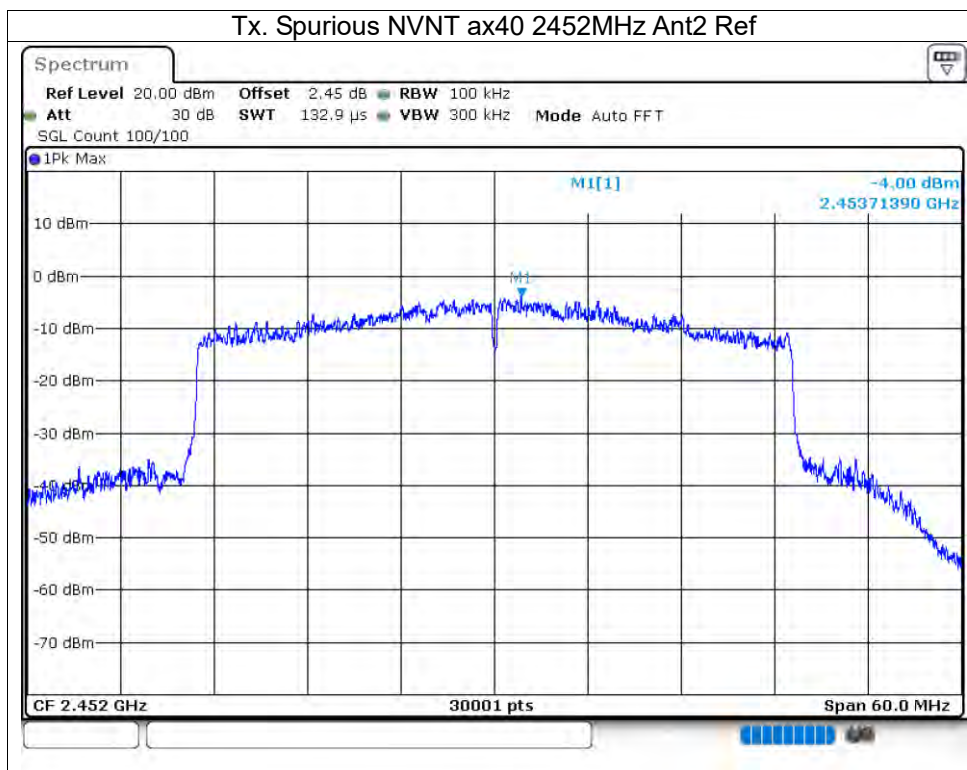








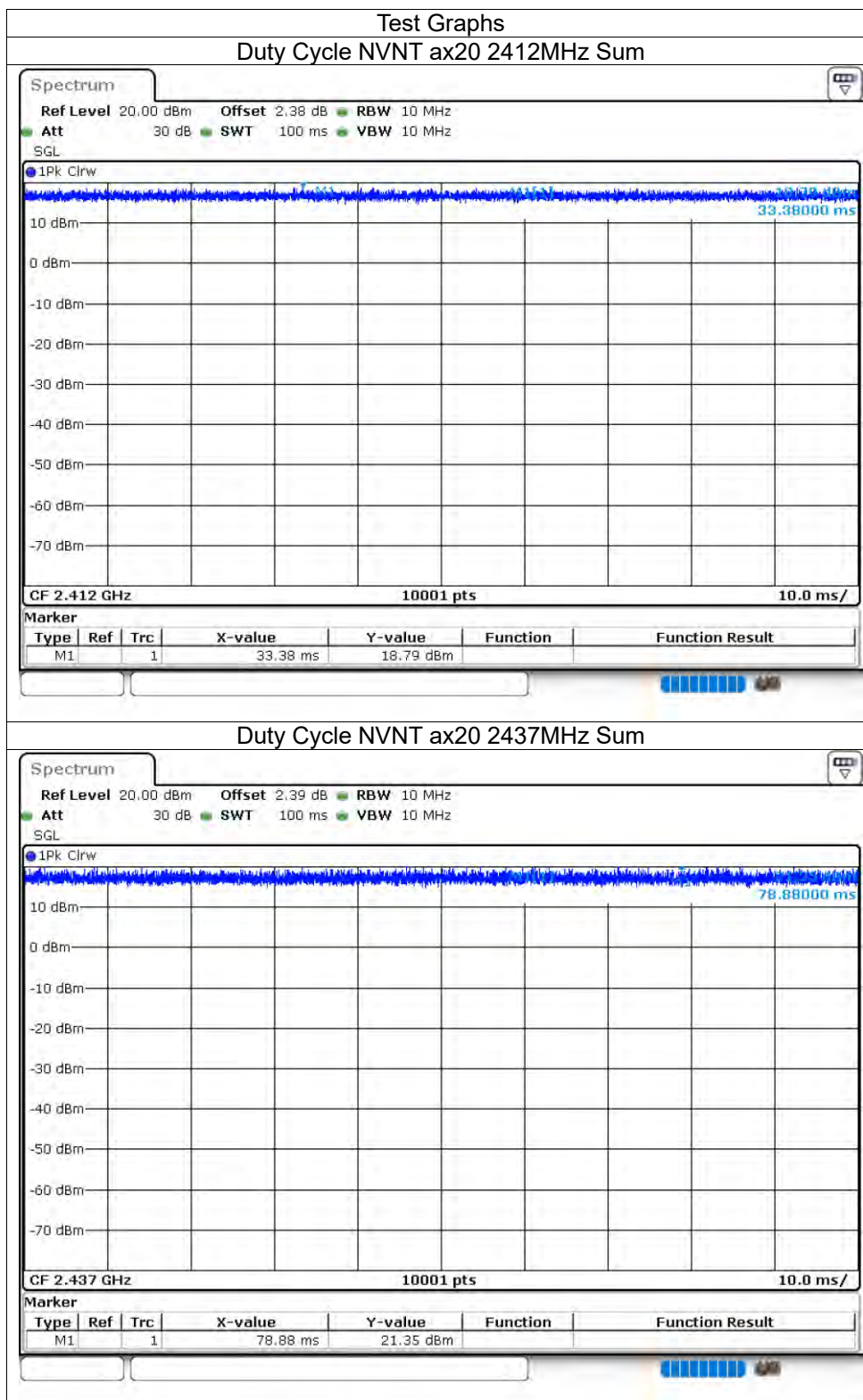


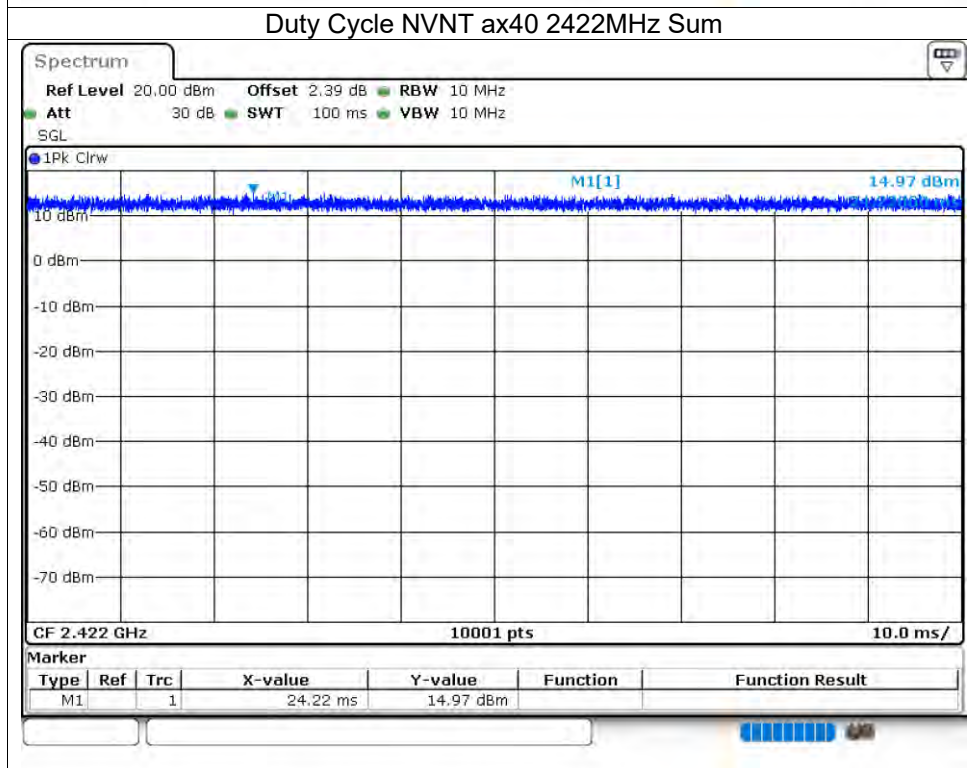
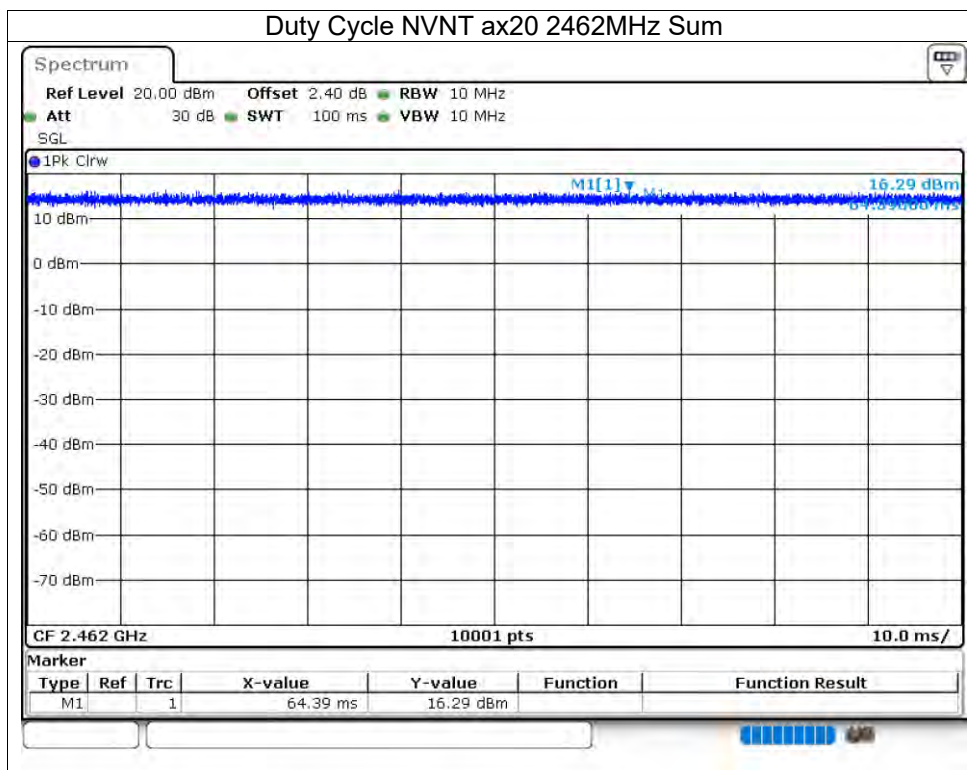


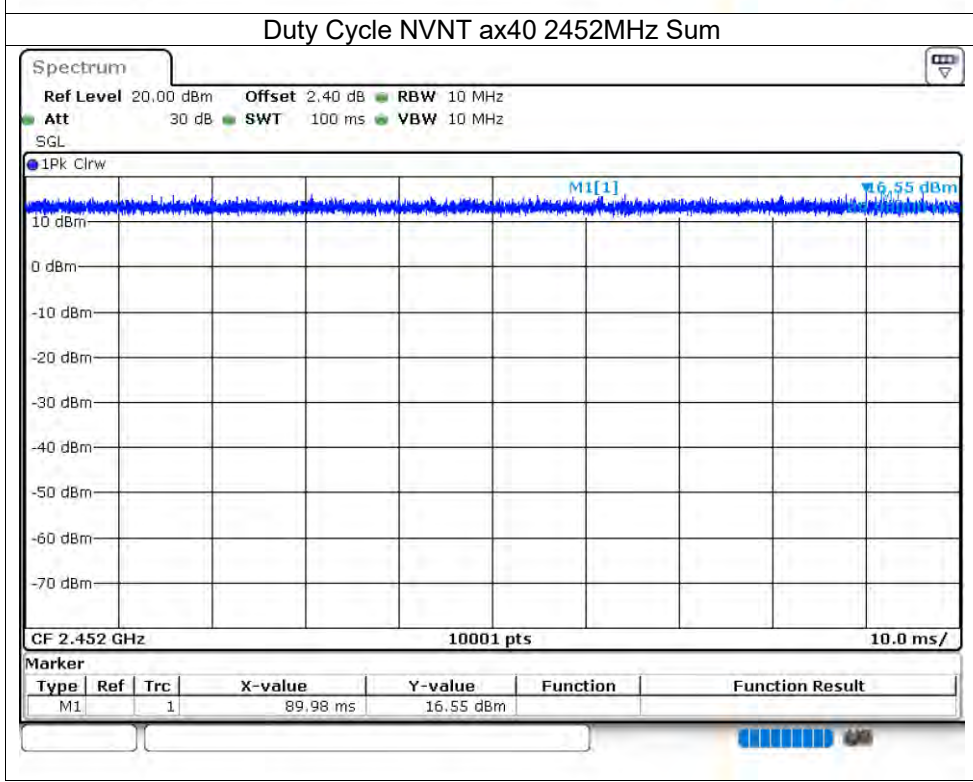
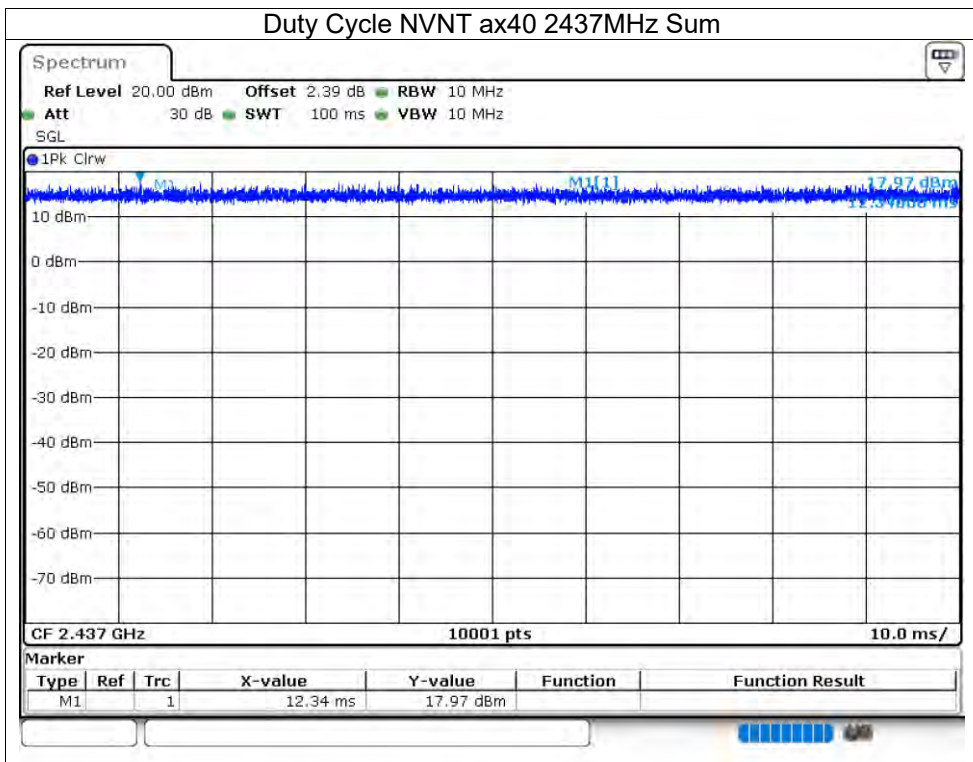
8.1 2.4G WIFI MIMO

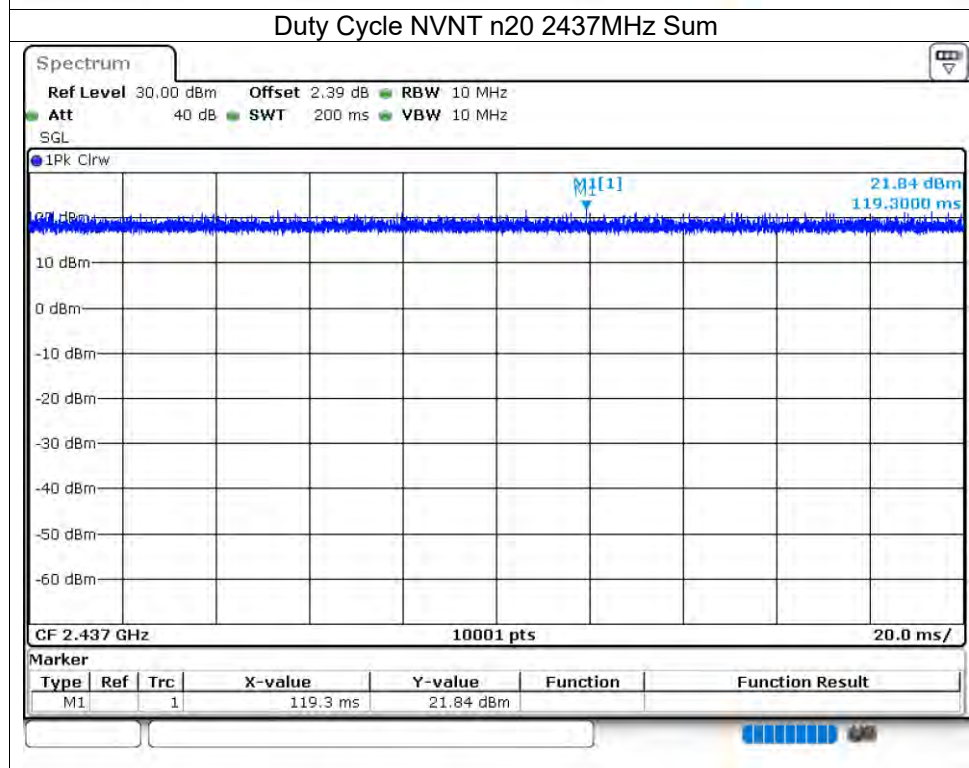
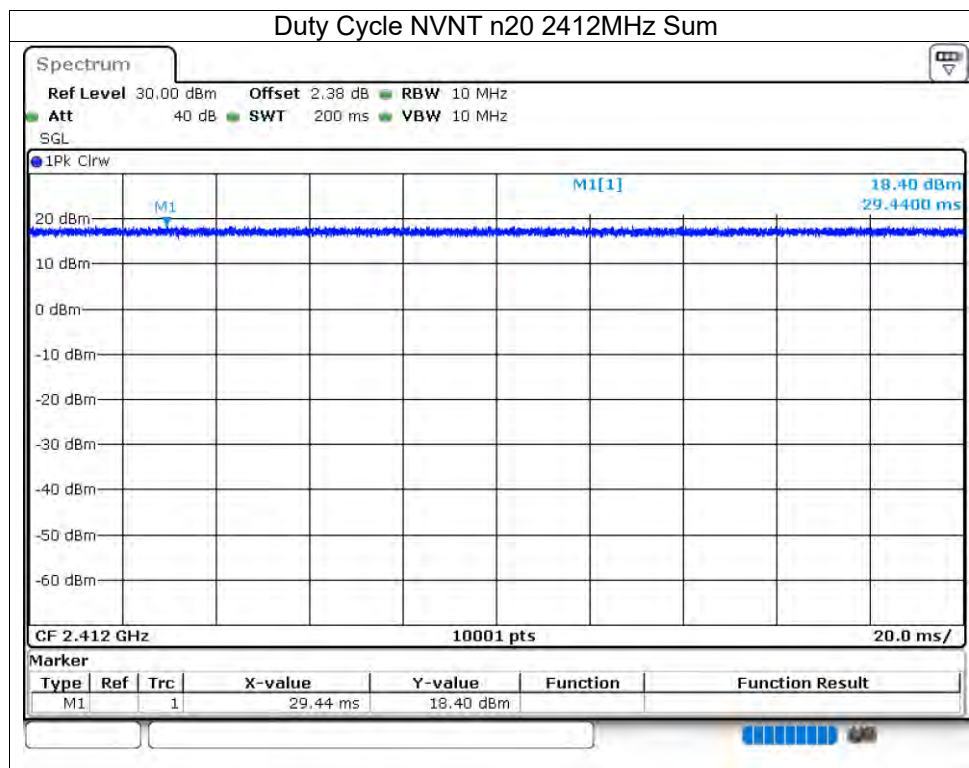
8.1.1 Duty Cycle

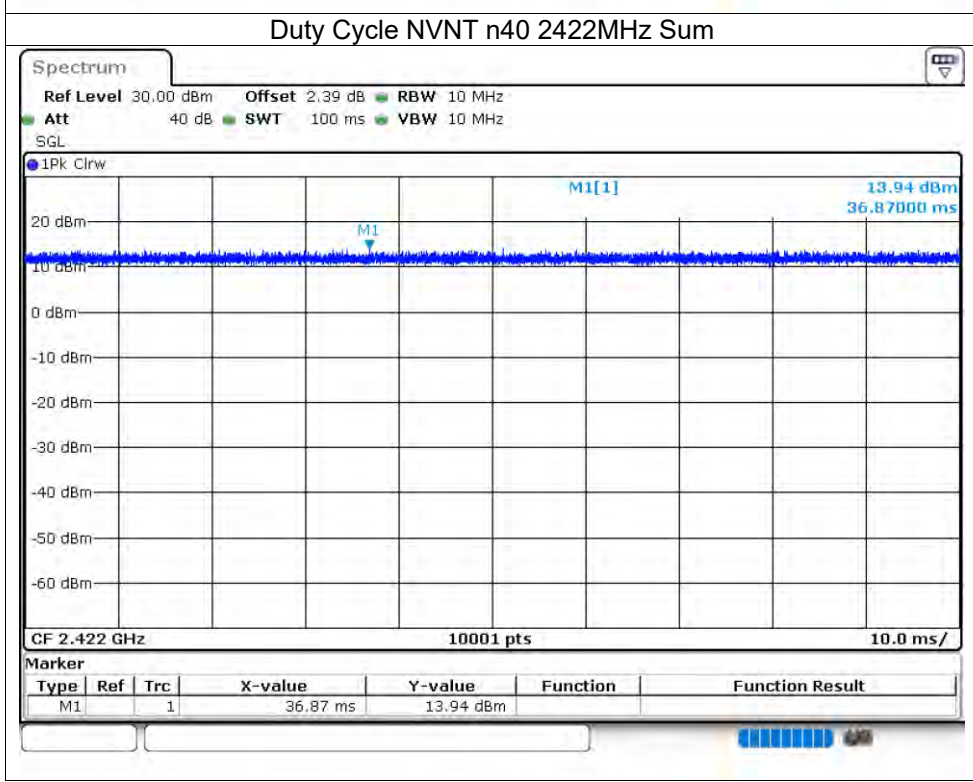
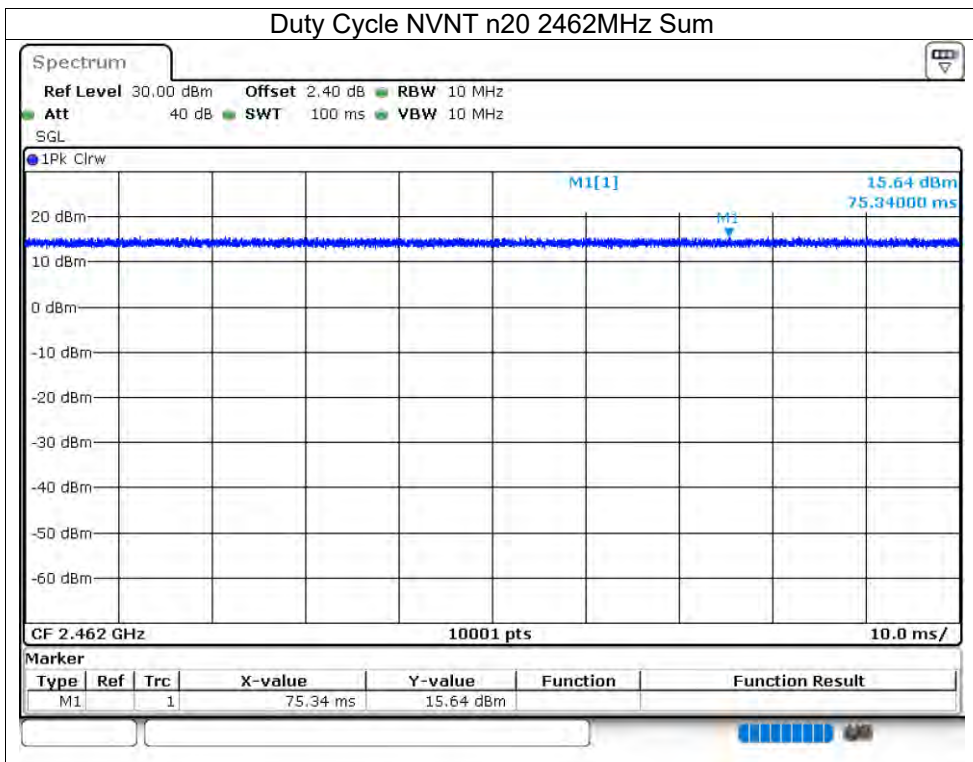
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax20	2412	Sum	100	0	0
NVNT	ax20	2437	Sum	100	0	0
NVNT	ax20	2462	Sum	100	0	0
NVNT	ax40	2422	Sum	100	0	0
NVNT	ax40	2437	Sum	100	0	0
NVNT	ax40	2452	Sum	100	0	0
NVNT	n20	2412	Sum	100	0	0
NVNT	n20	2437	Sum	100	0	0
NVNT	n20	2462	Sum	100	0	0
NVNT	n40	2422	Sum	100	0	0
NVNT	n40	2437	Sum	100	0	0
NVNT	n40	2452	Sum	100	0	0

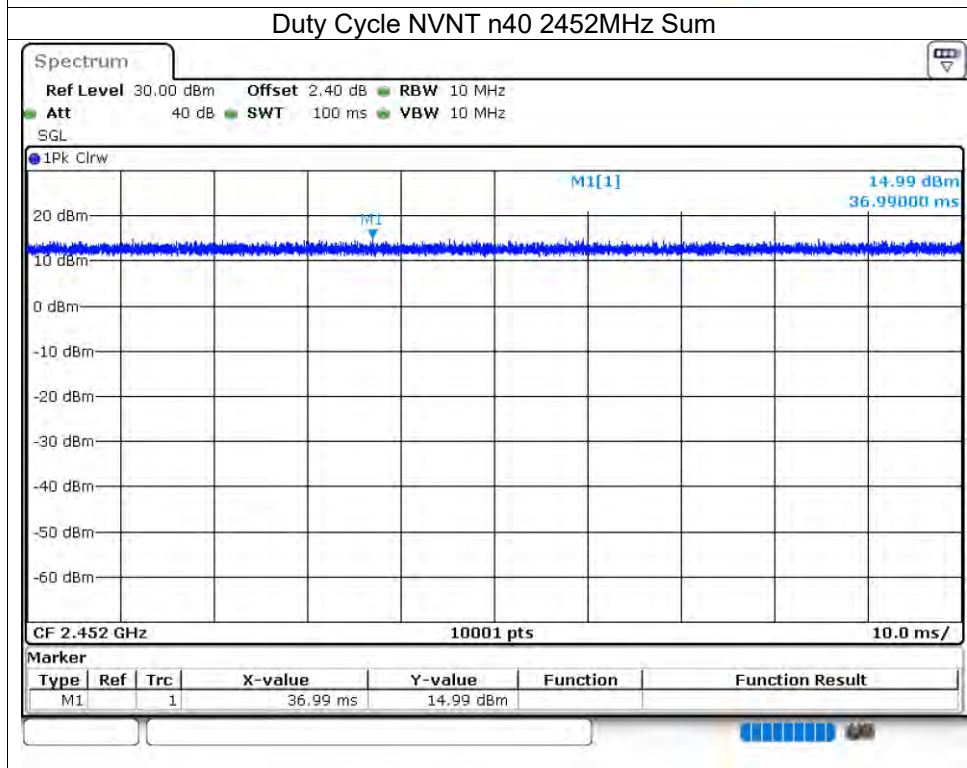
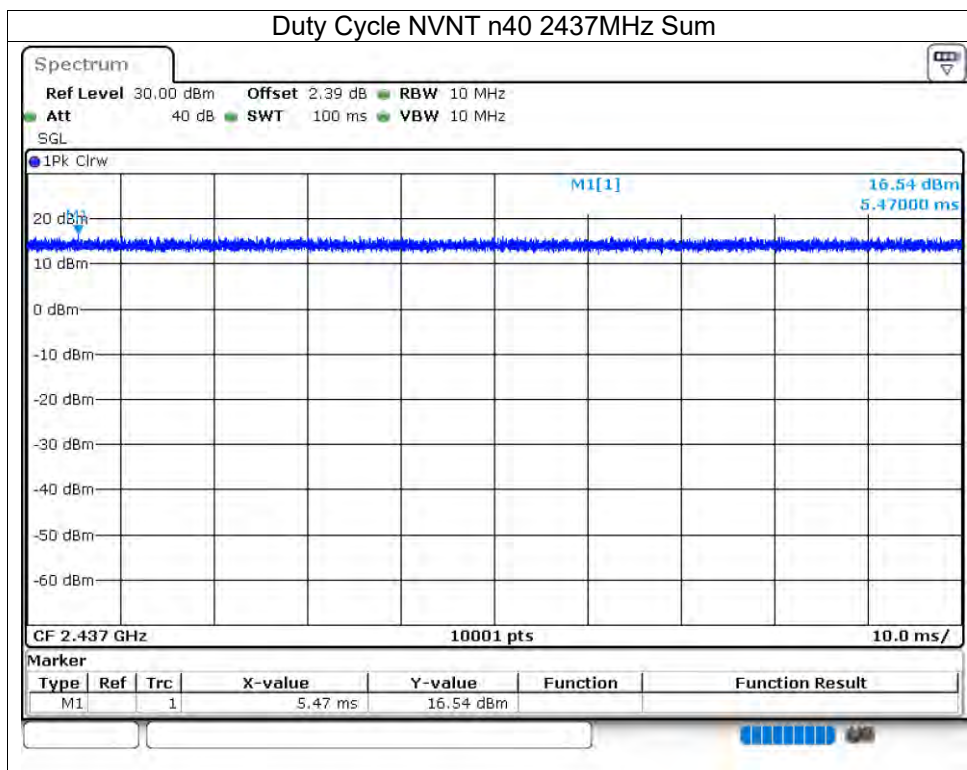










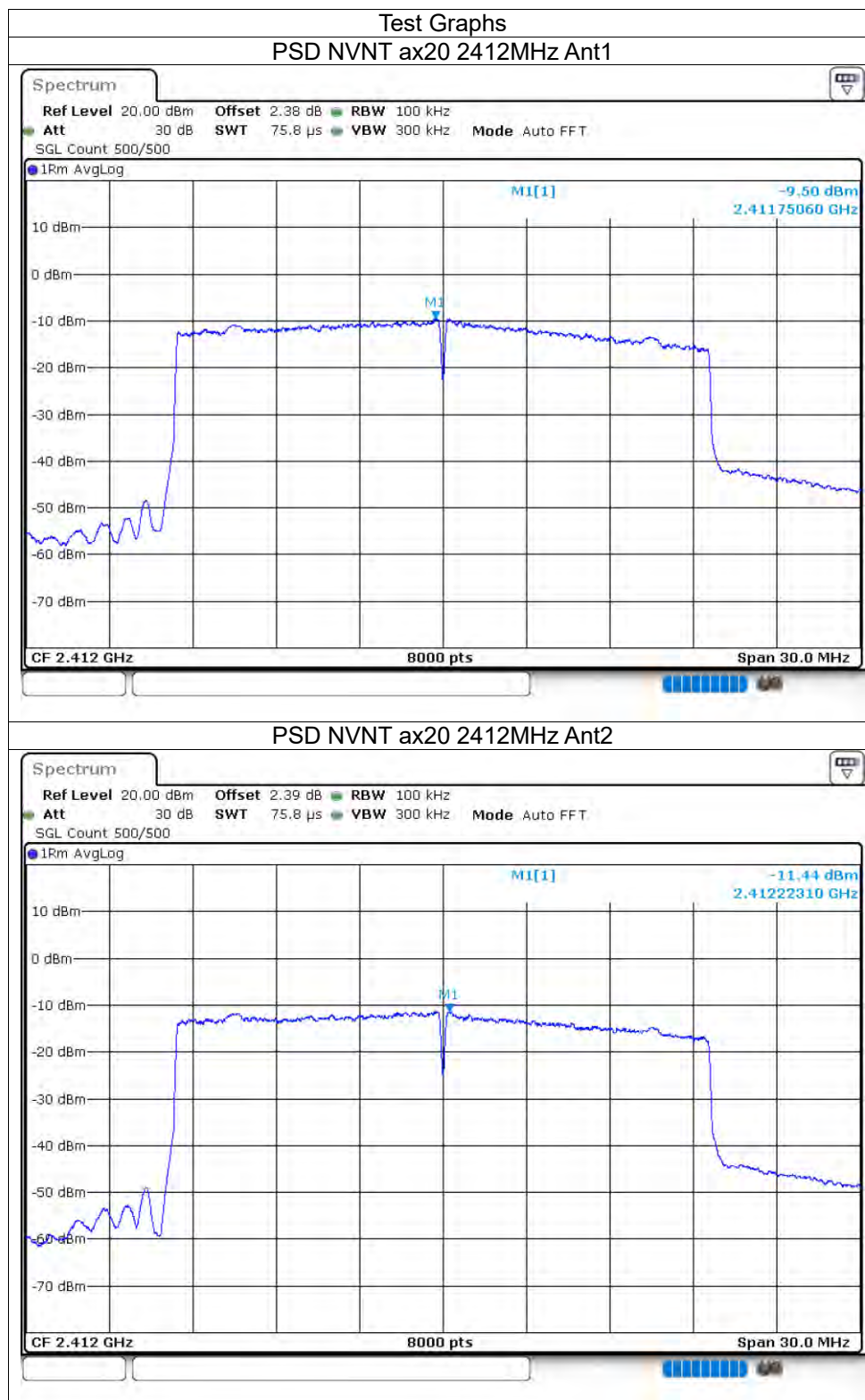


8.1.2 Maximum Conducted Output Power

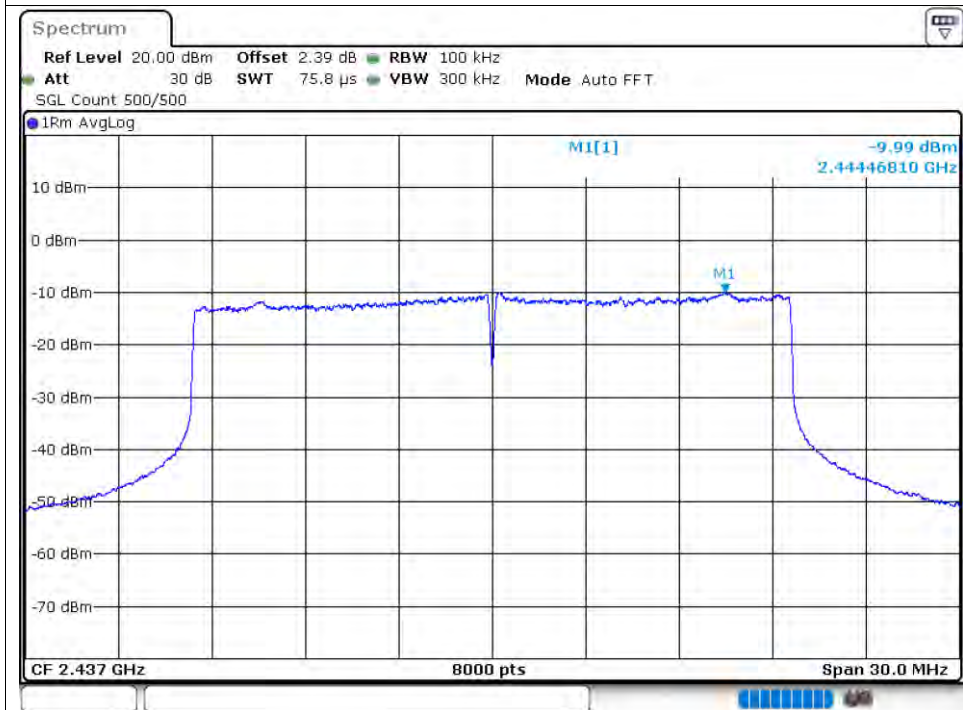
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	ax20	2412	Ant1	12.86	0	12.86	30	Pass
NVNT	ax20	2412	Ant2	12.61	0	12.61	30	Pass
NVNT	ax20	2412	Sum	15.75	0	15.75	30	Pass
NVNT	ax20	2437	Ant1	12.91	0	12.91	30	Pass
NVNT	ax20	2437	Ant2	12.9	0	12.9	30	Pass
NVNT	ax20	2437	Sum	15.92	0	15.92	30	Pass
NVNT	ax20	2462	Ant1	11.4	0	11.4	30	Pass
NVNT	ax20	2462	Ant2	12.42	0	12.42	30	Pass
NVNT	ax20	2462	Sum	14.95	0	14.95	30	Pass
NVNT	ax40	2422	Ant1	12.28	0	12.28	30	Pass
NVNT	ax40	2422	Ant2	12.17	0	12.17	30	Pass
NVNT	ax40	2422	Sum	15.24	0	15.24	30	Pass
NVNT	ax40	2437	Ant1	12.29	0	12.29	30	Pass
NVNT	ax40	2437	Ant2	12.61	0	12.61	30	Pass
NVNT	ax40	2437	Sum	15.46	0	15.46	30	Pass
NVNT	ax40	2452	Ant1	12.23	0	12.23	30	Pass
NVNT	ax40	2452	Ant2	12.92	0	12.92	30	Pass
NVNT	ax40	2452	Sum	15.6	0	15.6	30	Pass
NVNT	n20	2412	Ant1	13.68	0	13.68	30	Pass
NVNT	n20	2412	Ant2	13.26	0	13.26	30	Pass
NVNT	n20	2412	Sum	16.49	0	16.49	30	Pass
NVNT	n20	2437	Ant1	13.43	0	13.43	30	Pass
NVNT	n20	2437	Ant2	13.43	0	13.43	30	Pass
NVNT	n20	2437	Sum	16.44	0	16.44	30	Pass
NVNT	n20	2462	Ant1	11.85	0	11.85	30	Pass
NVNT	n20	2462	Ant2	13.01	0	13.01	30	Pass
NVNT	n20	2462	Sum	15.48	0	15.48	30	Pass
NVNT	n40	2422	Ant1	11.77	0	11.77	30	Pass
NVNT	n40	2422	Ant2	12.1	0	12.1	30	Pass
NVNT	n40	2422	Sum	14.95	0	14.95	30	Pass
NVNT	n40	2437	Ant1	12.27	0	12.27	30	Pass
NVNT	n40	2437	Ant2	12.44	0	12.44	30	Pass
NVNT	n40	2437	Sum	15.37	0	15.37	30	Pass
NVNT	n40	2452	Ant1	11.78	0	11.78	30	Pass
NVNT	n40	2452	Ant2	12.68	0	12.68	30	Pass
NVNT	n40	2452	Sum	15.26	0	15.26	30	Pass

8.1.3 Maximum Power Spectral Density Level

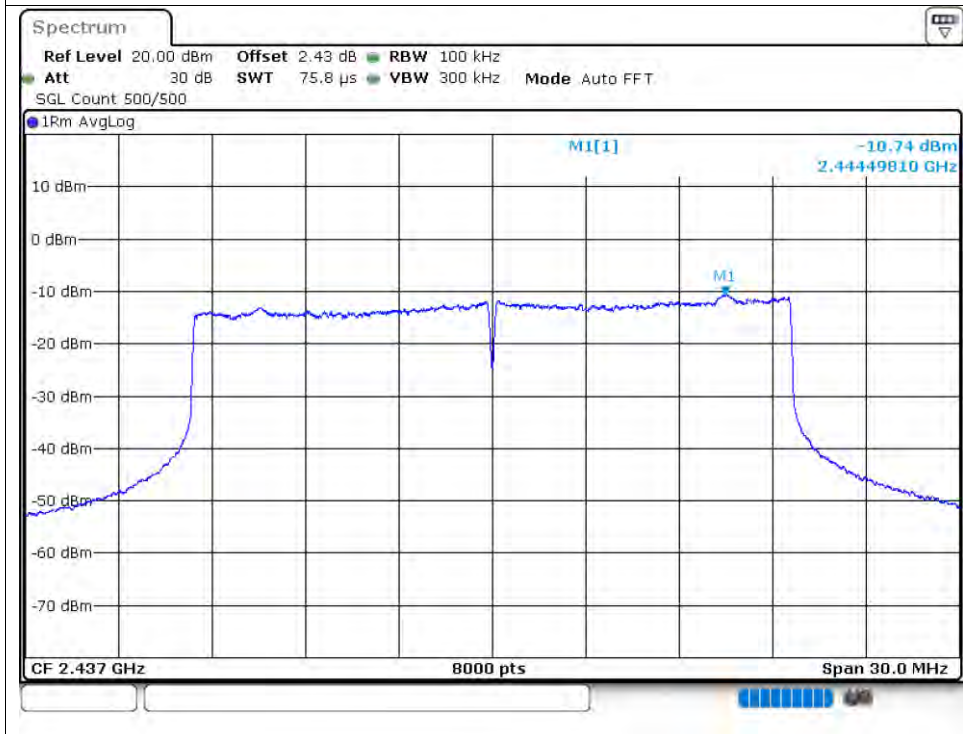
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	ax20	2412	Ant1	-9.5	0	-9.5	8	Pass
NVNT	ax20	2412	Ant2	-11.44	0	-11.44	8	Pass
NVNT	ax20	2412	Sum	-7.35	0	-7.35	8	Pass
NVNT	ax20	2437	Ant1	-9.99	0	-9.99	8	Pass
NVNT	ax20	2437	Ant2	-10.74	0	-10.74	8	Pass
NVNT	ax20	2437	Sum	-7.34	0	-7.34	8	Pass
NVNT	ax20	2462	Ant1	-11.6	0	-11.6	8	Pass
NVNT	ax20	2462	Ant2	-11.18	0	-11.18	8	Pass
NVNT	ax20	2462	Sum	-8.37	0	-8.37	8	Pass
NVNT	ax40	2422	Ant1	-13.94	0	-13.94	8	Pass
NVNT	ax40	2422	Ant2	-14.63	0	-14.63	8	Pass
NVNT	ax40	2422	Sum	-11.26	0	-11.26	8	Pass
NVNT	ax40	2437	Ant1	-12.36	0	-12.36	8	Pass
NVNT	ax40	2437	Ant2	-13.92	0	-13.92	8	Pass
NVNT	ax40	2437	Sum	-10.06	0	-10.06	8	Pass
NVNT	ax40	2452	Ant1	-13.14	0	-13.14	8	Pass
NVNT	ax40	2452	Ant2	-12.97	0	-12.97	8	Pass
NVNT	ax40	2452	Sum	-10.04	0	-10.04	8	Pass
NVNT	n20	2412	Ant1	-6.69	0	-6.69	8	Pass
NVNT	n20	2412	Ant2	-8.64	0	-8.64	8	Pass
NVNT	n20	2412	Sum	-4.55	0	-4.55	8	Pass
NVNT	n20	2437	Ant1	-7.34	0	-7.34	8	Pass
NVNT	n20	2437	Ant2	-7.98	0	-7.98	8	Pass
NVNT	n20	2437	Sum	-4.64	0	-4.64	8	Pass
NVNT	n20	2462	Ant1	-9.13	0	-9.13	8	Pass
NVNT	n20	2462	Ant2	-8.61	0	-8.61	8	Pass
NVNT	n20	2462	Sum	-5.85	0	-5.85	8	Pass
NVNT	n40	2422	Ant1	-12.58	0	-12.58	8	Pass
NVNT	n40	2422	Ant2	-13.26	0	-13.26	8	Pass
NVNT	n40	2422	Sum	-9.9	0	-9.9	8	Pass
NVNT	n40	2437	Ant1	-10.82	0	-10.82	8	Pass
NVNT	n40	2437	Ant2	-12.44	0	-12.44	8	Pass
NVNT	n40	2437	Sum	-8.54	0	-8.54	8	Pass
NVNT	n40	2452	Ant1	-11.76	0	-11.76	8	Pass
NVNT	n40	2452	Ant2	-11.12	0	-11.12	8	Pass
NVNT	n40	2452	Sum	-8.42	0	-8.42	8	Pass



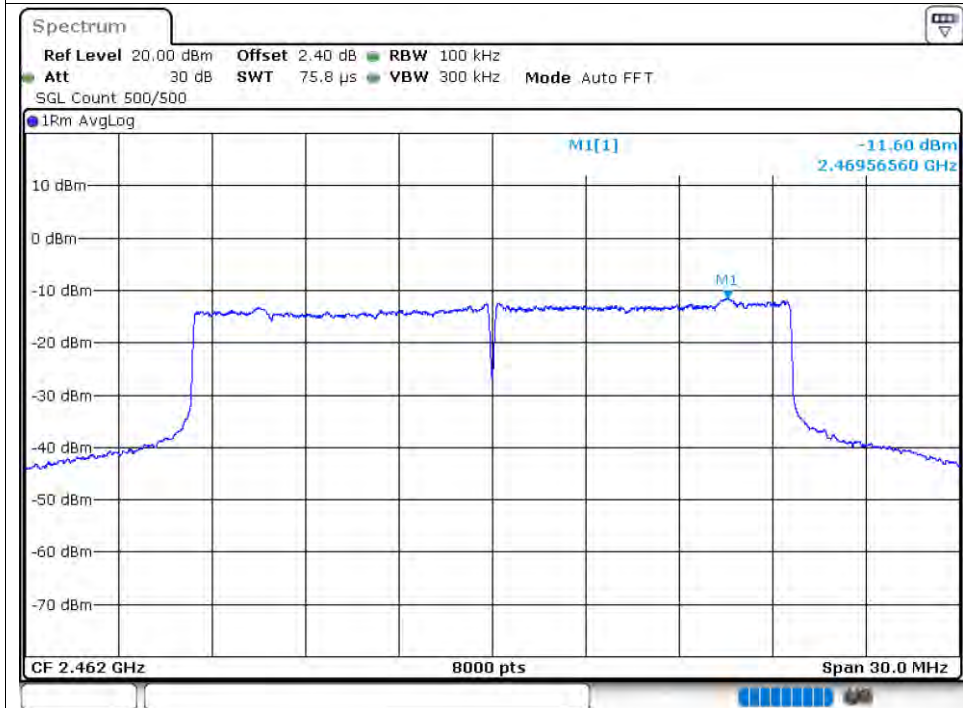
PSD NVNT ax20 2437MHz Ant1



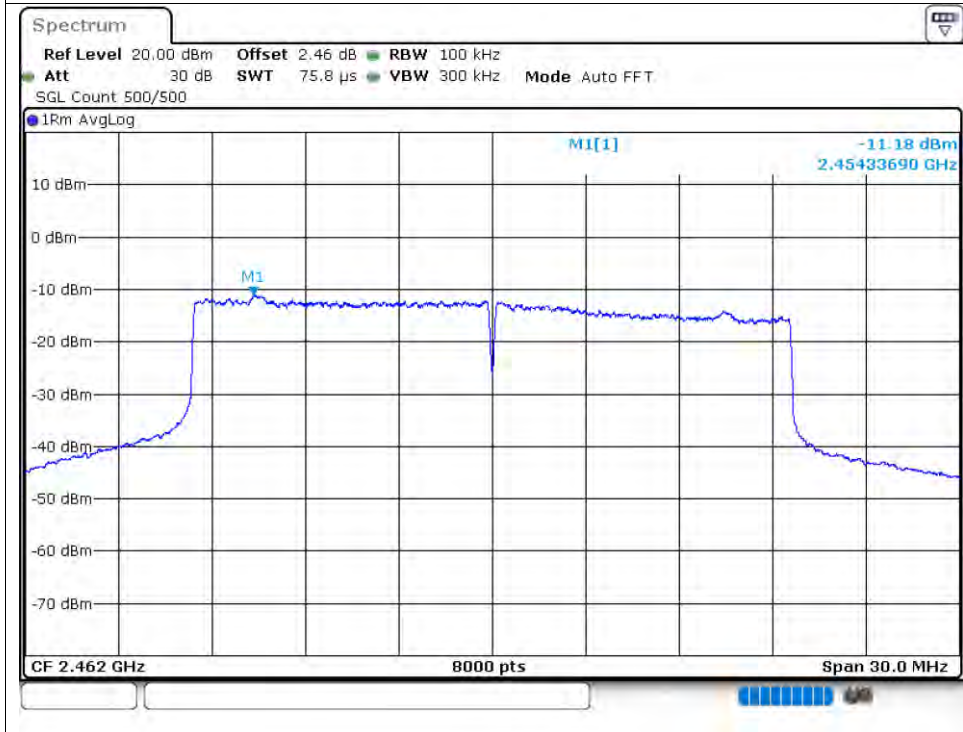
PSD NVNT ax20 2437MHz Ant2



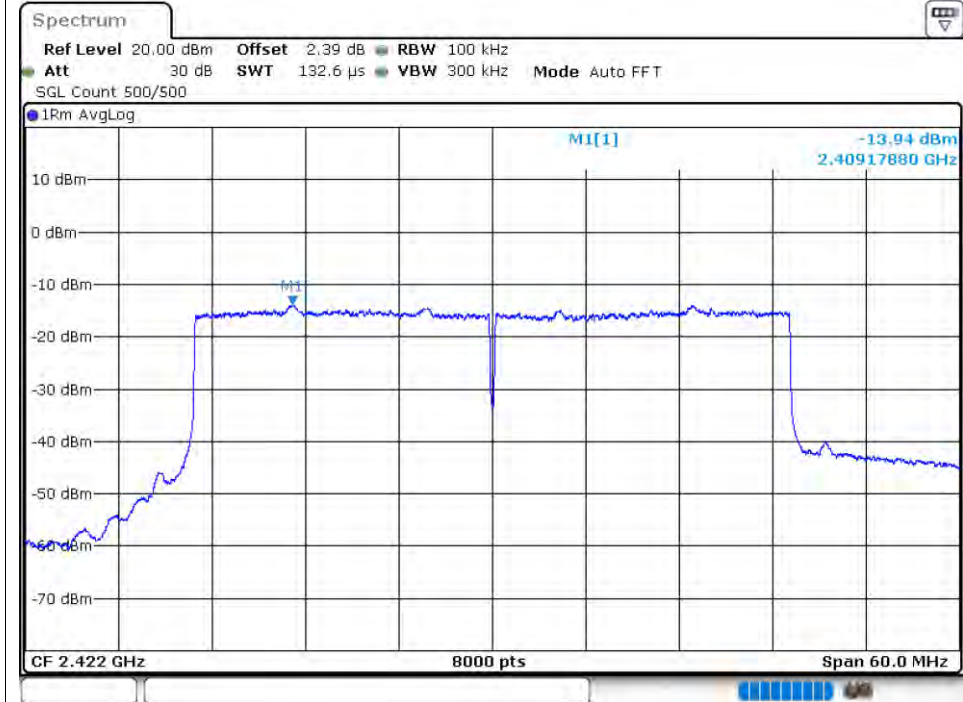
PSD NVNT ax20 2462MHz Ant1



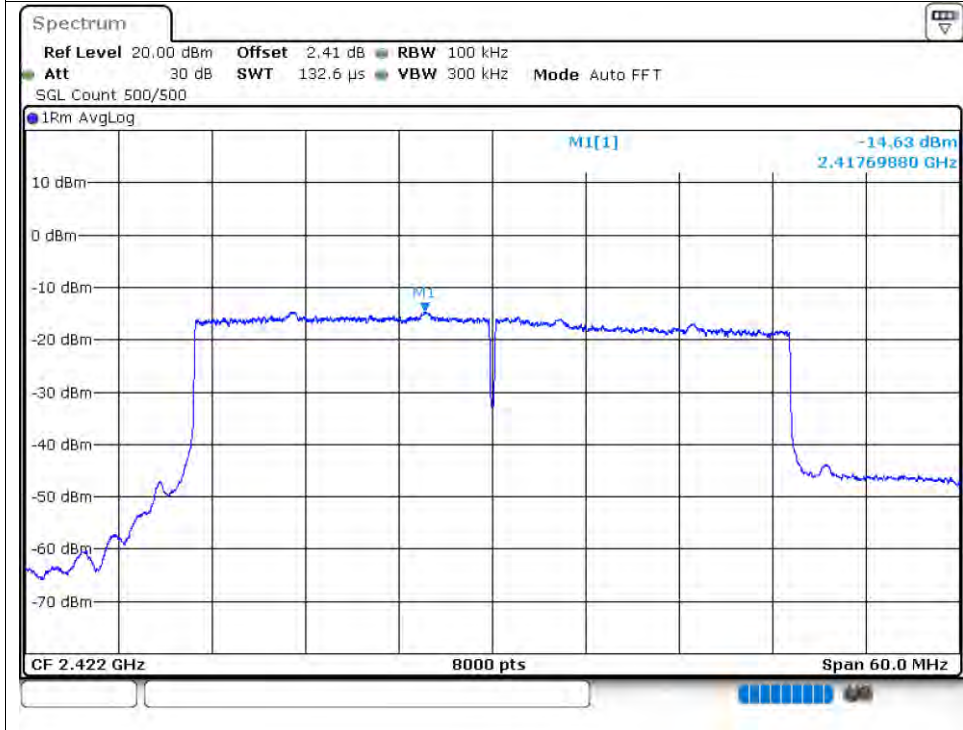
PSD NVNT ax20 2462MHz Ant2

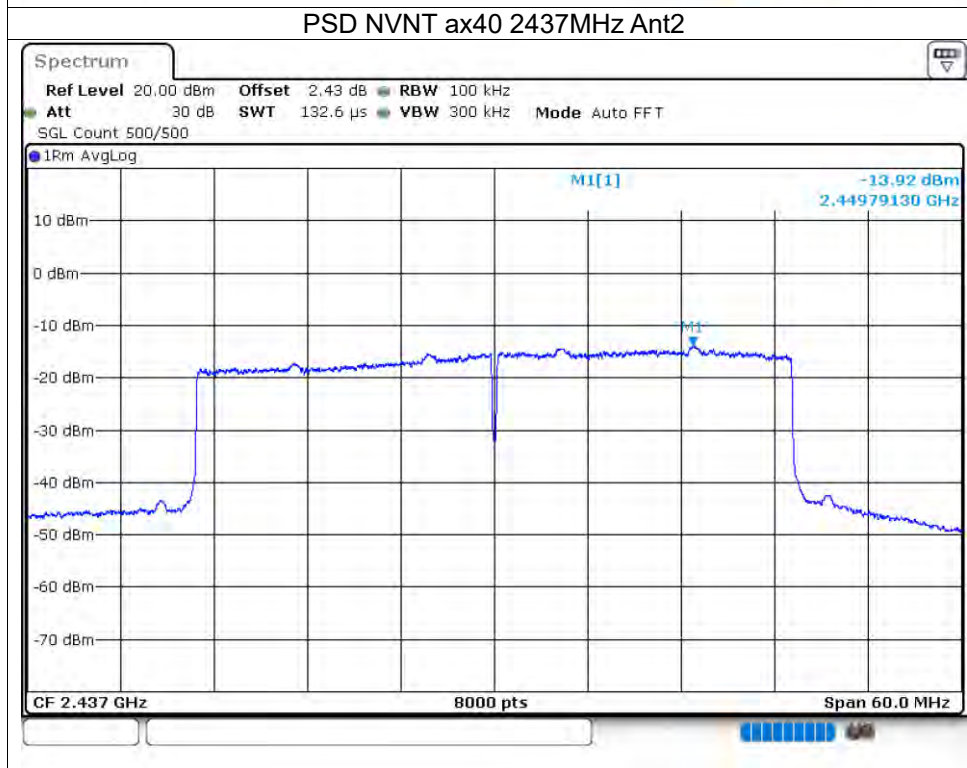
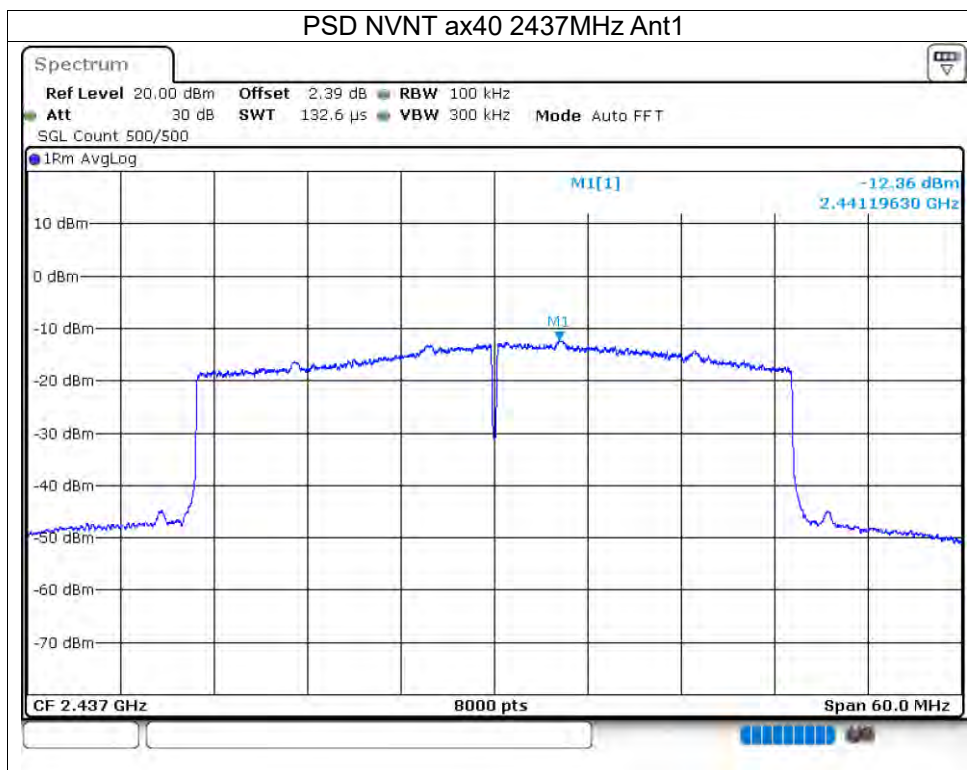


PSD NVNT ax40 2422MHz Ant1

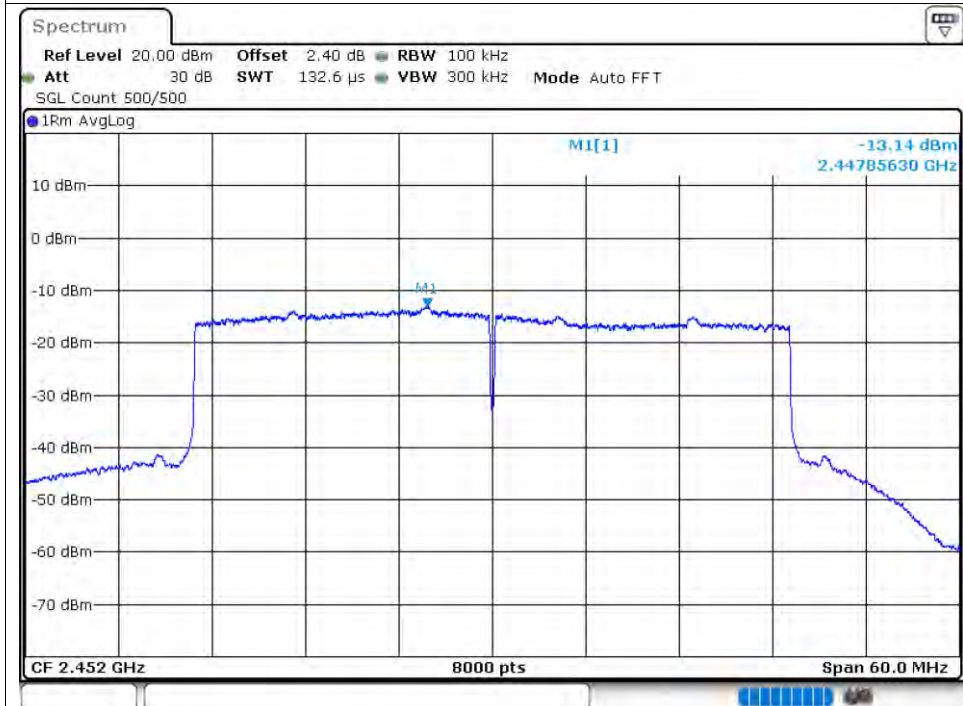


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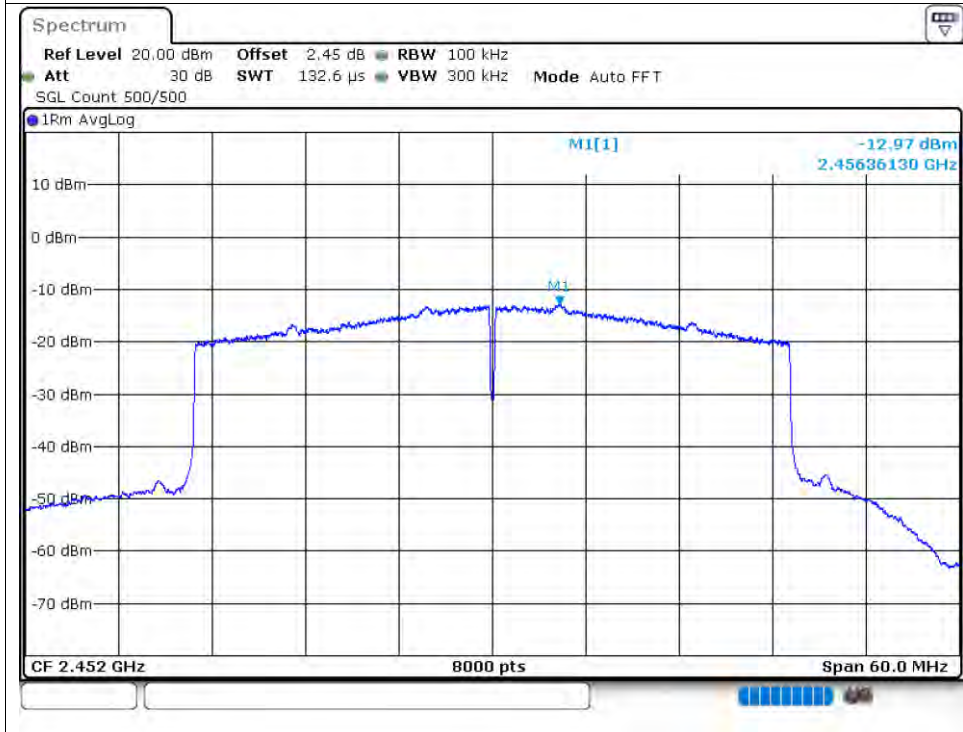




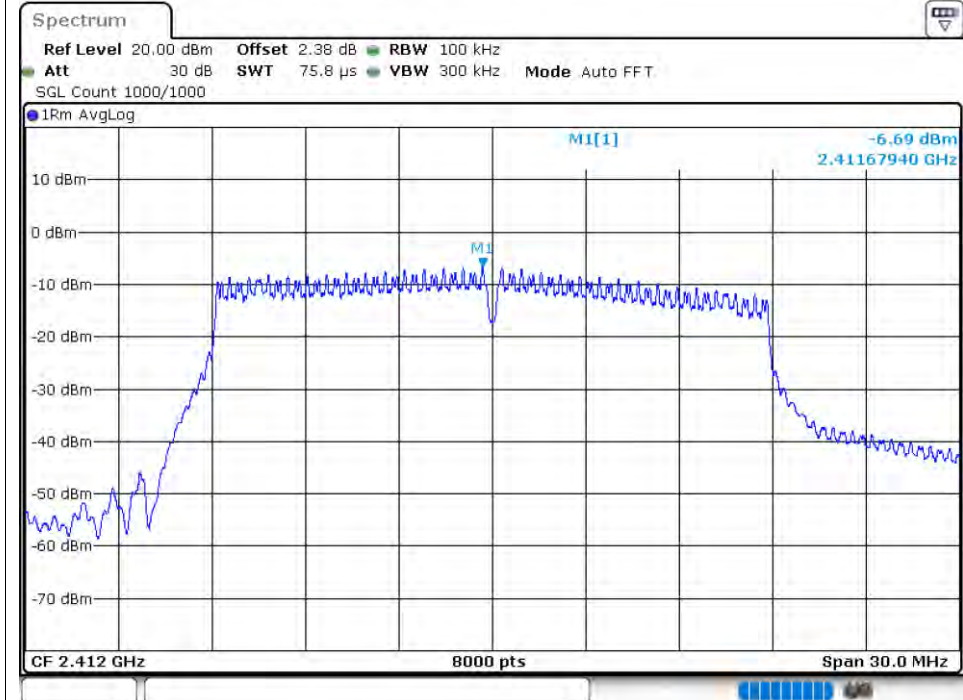
PSD NVNT ax40 2452MHz Ant1



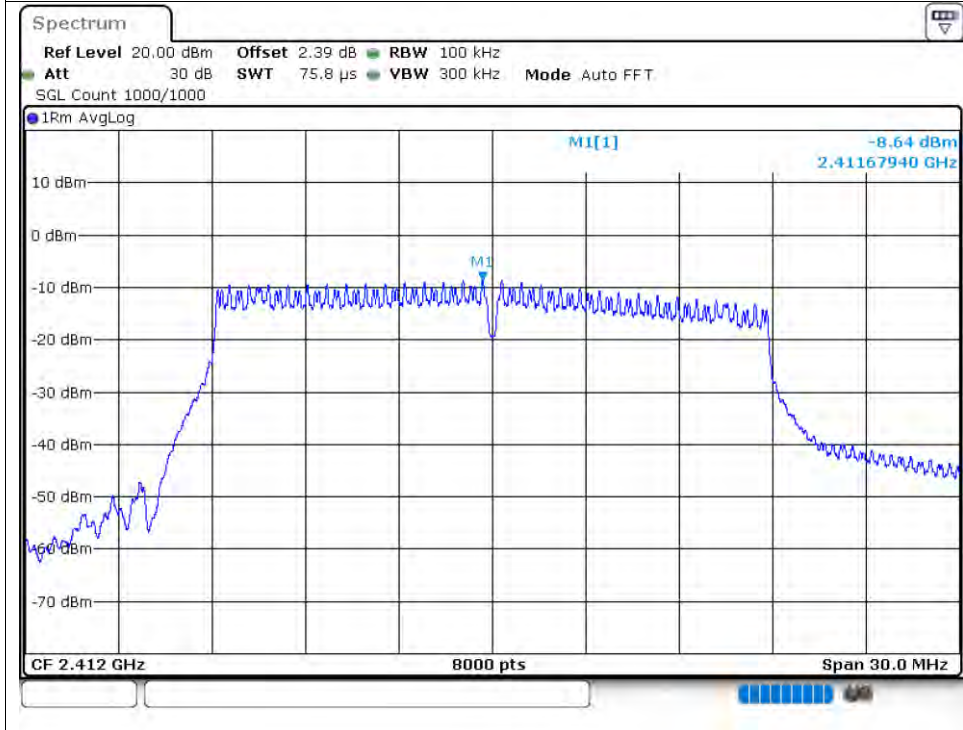
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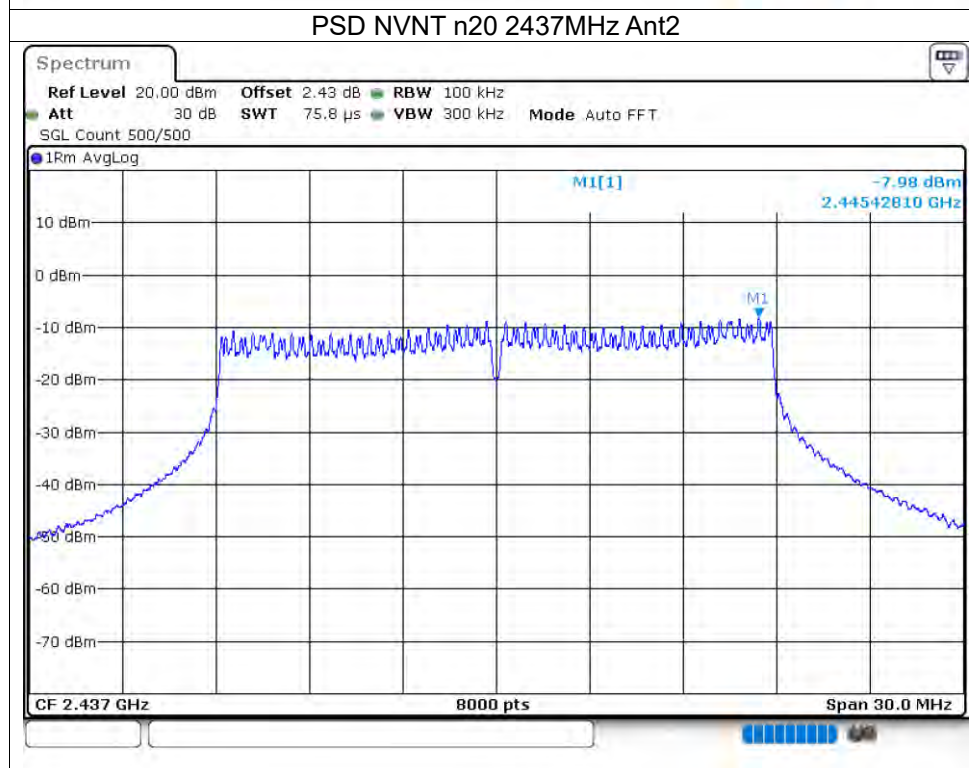
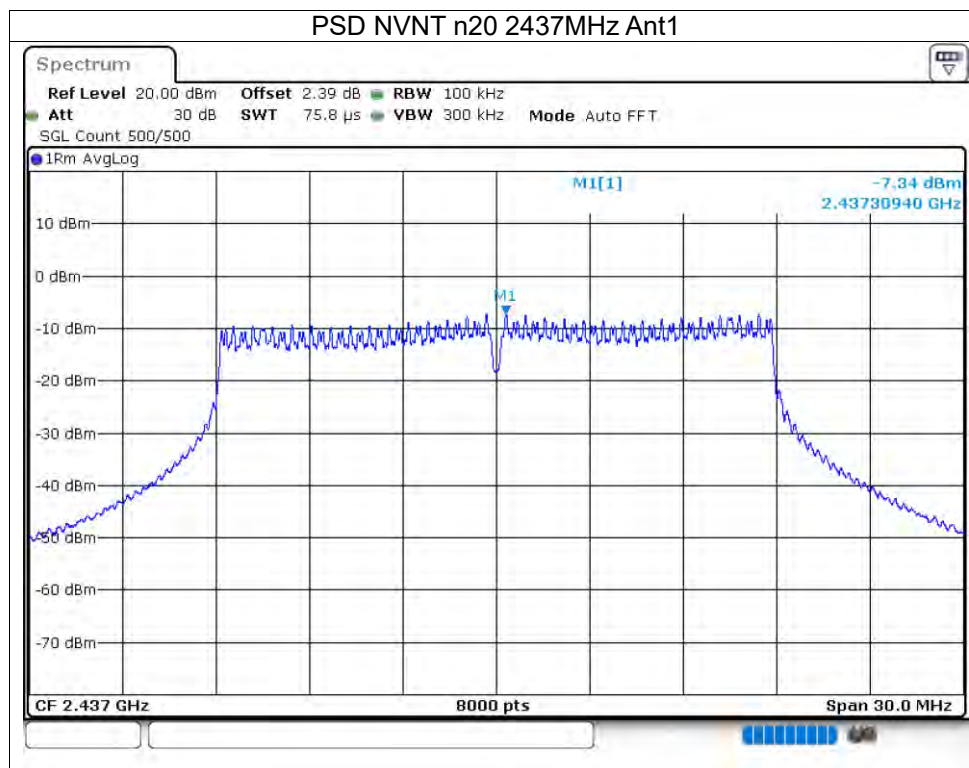


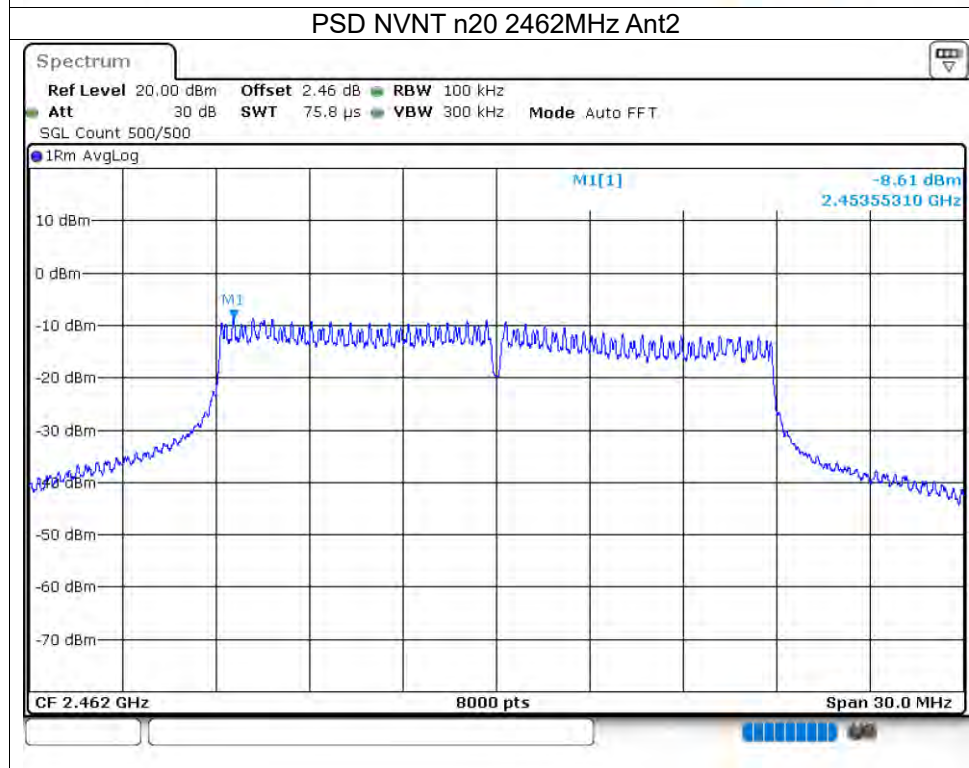
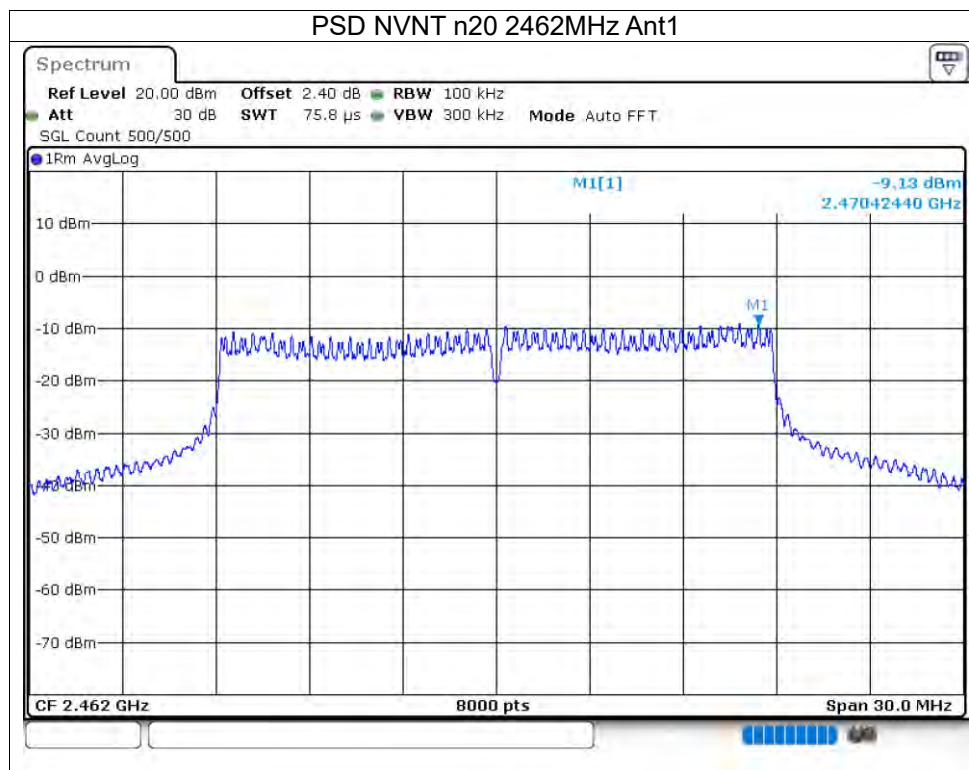
PSD NVNT n20 2412MHz Ant1

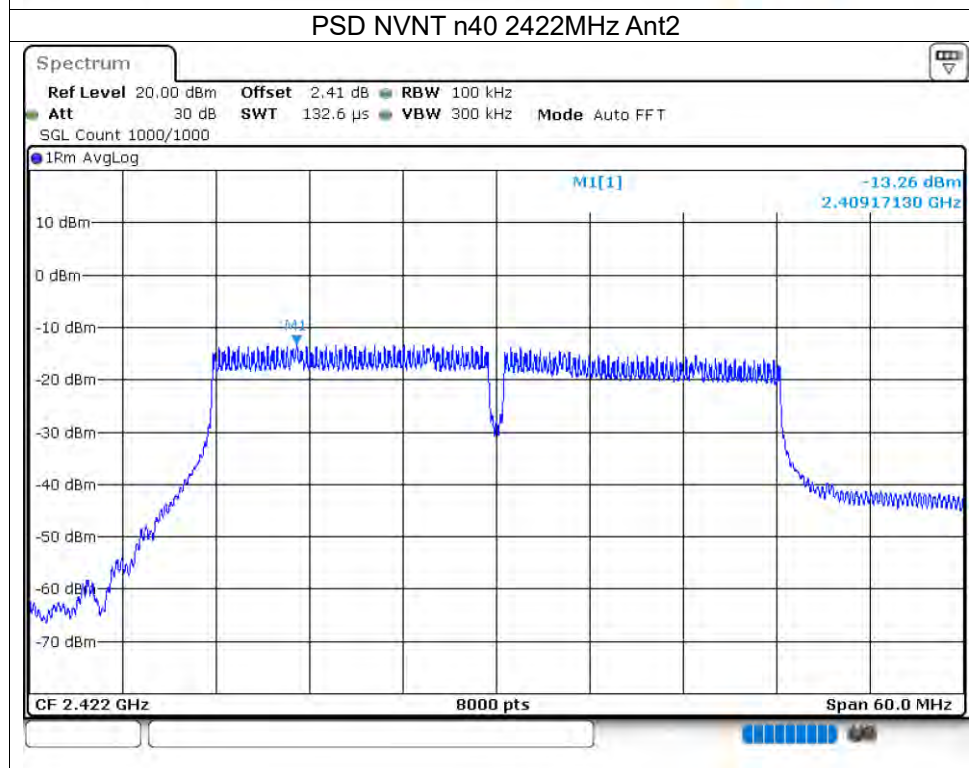
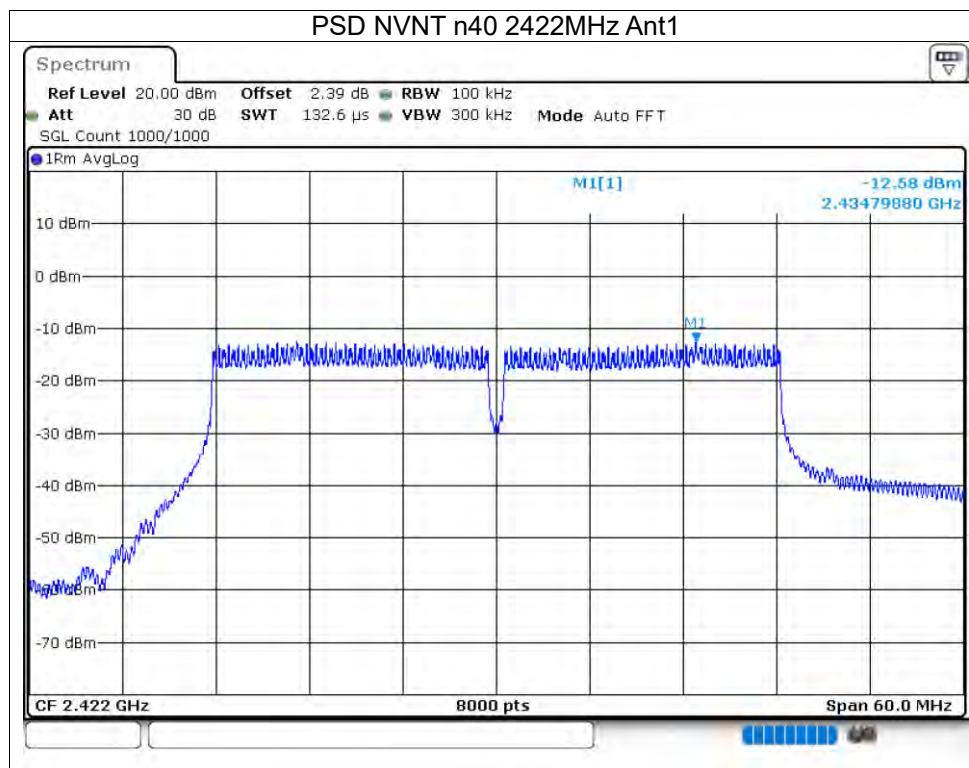


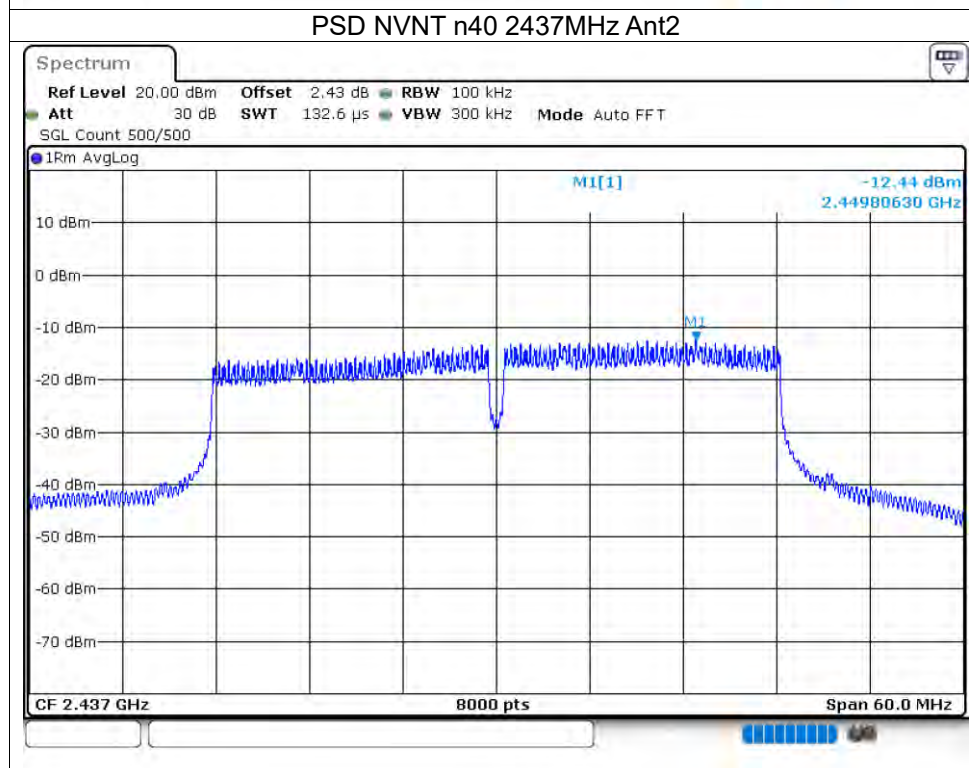
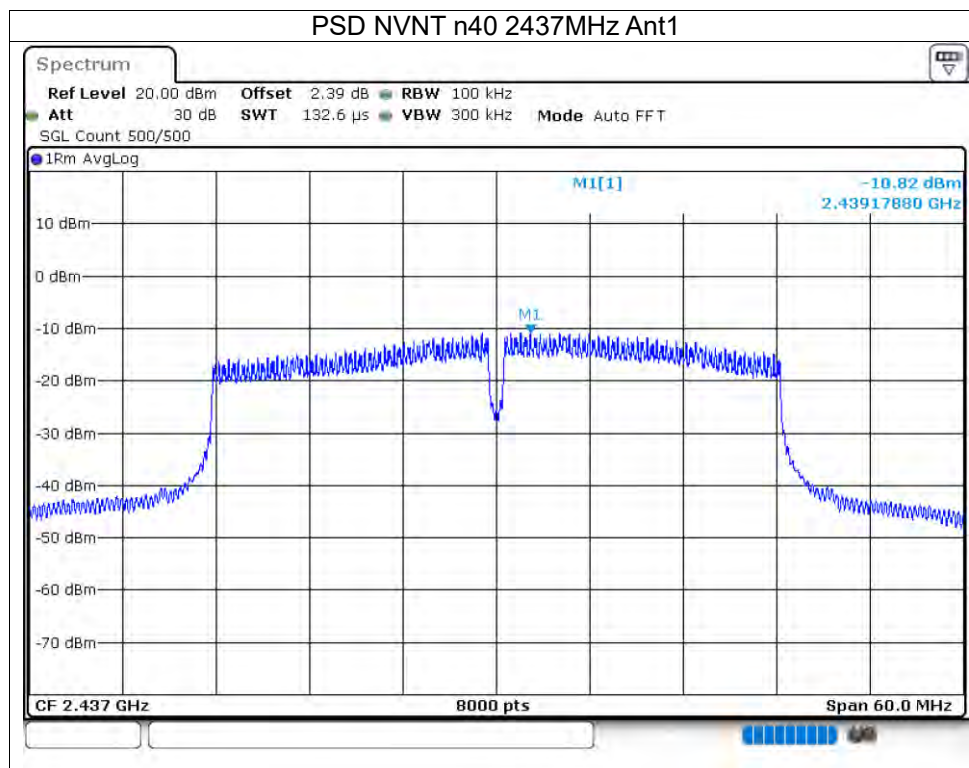
PSD NVNT n20 2412MHz Ant2

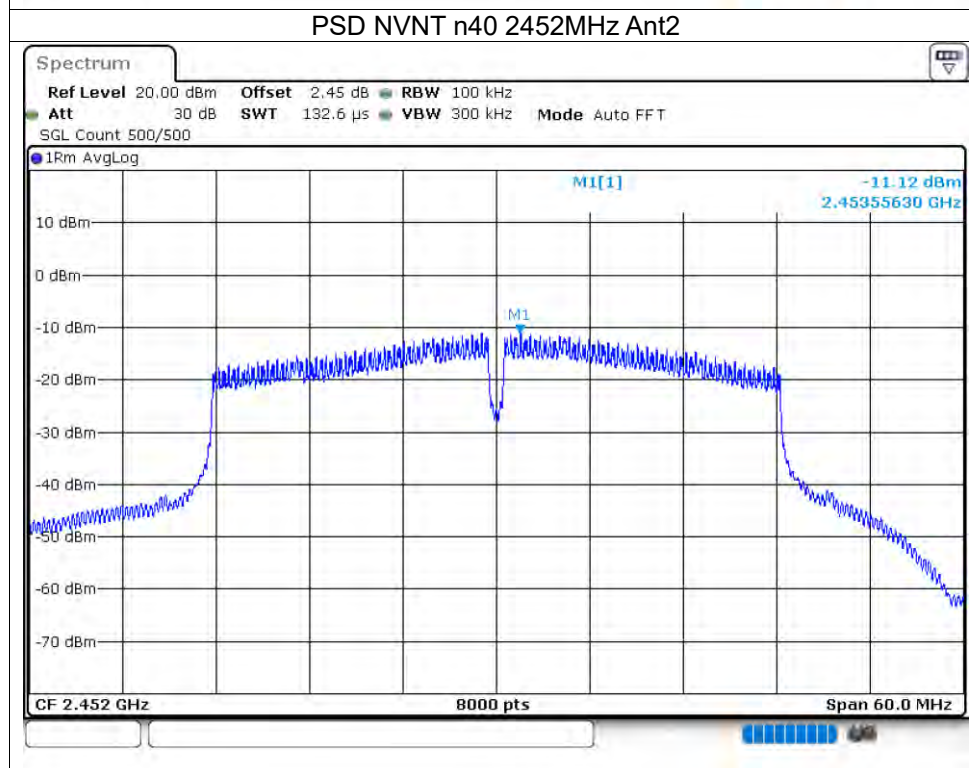
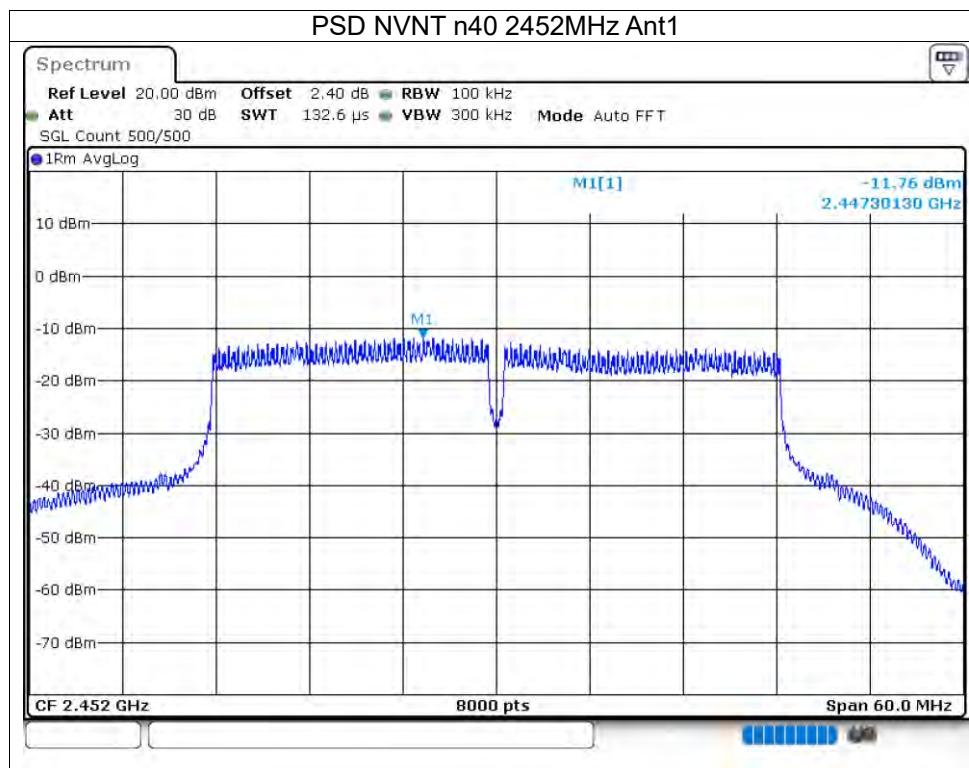






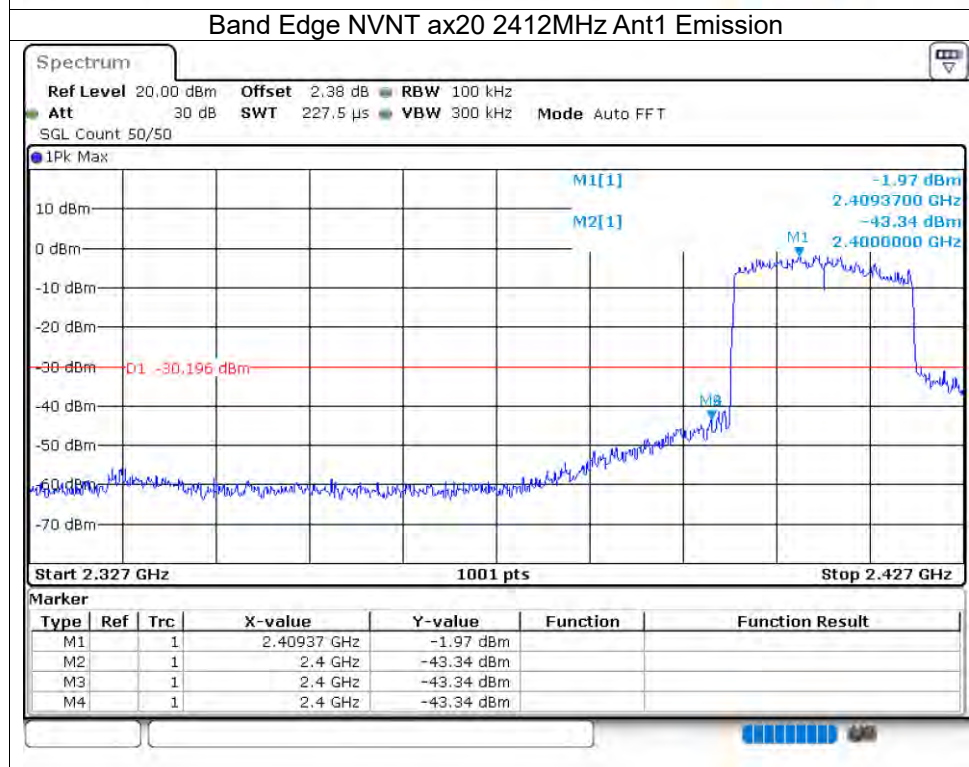
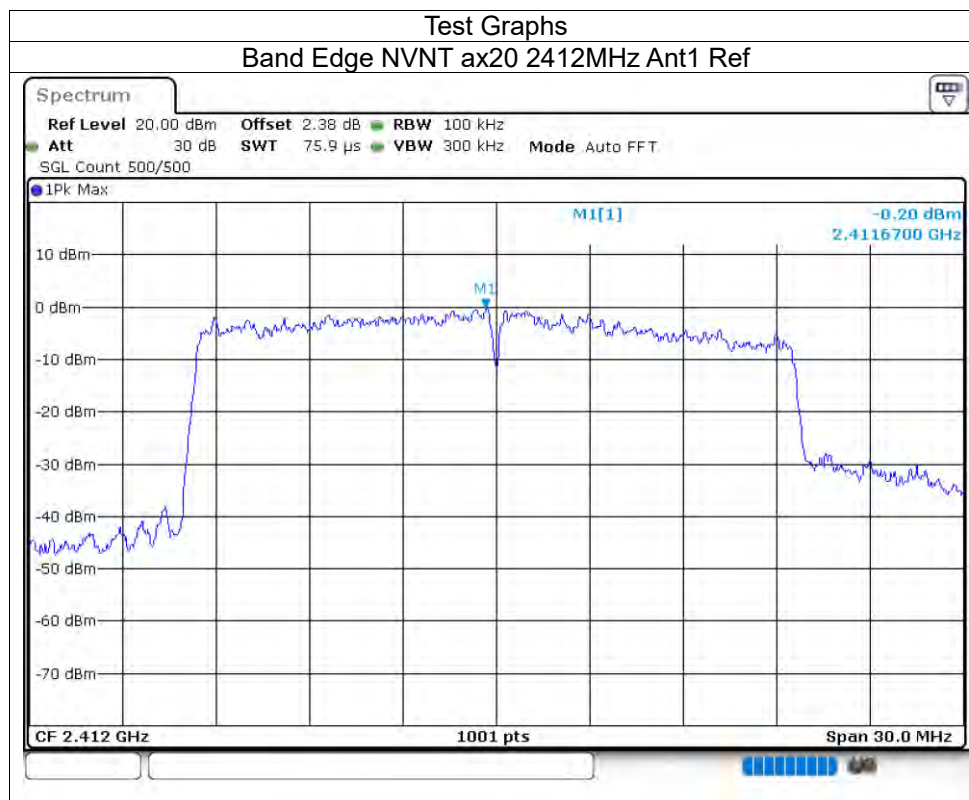


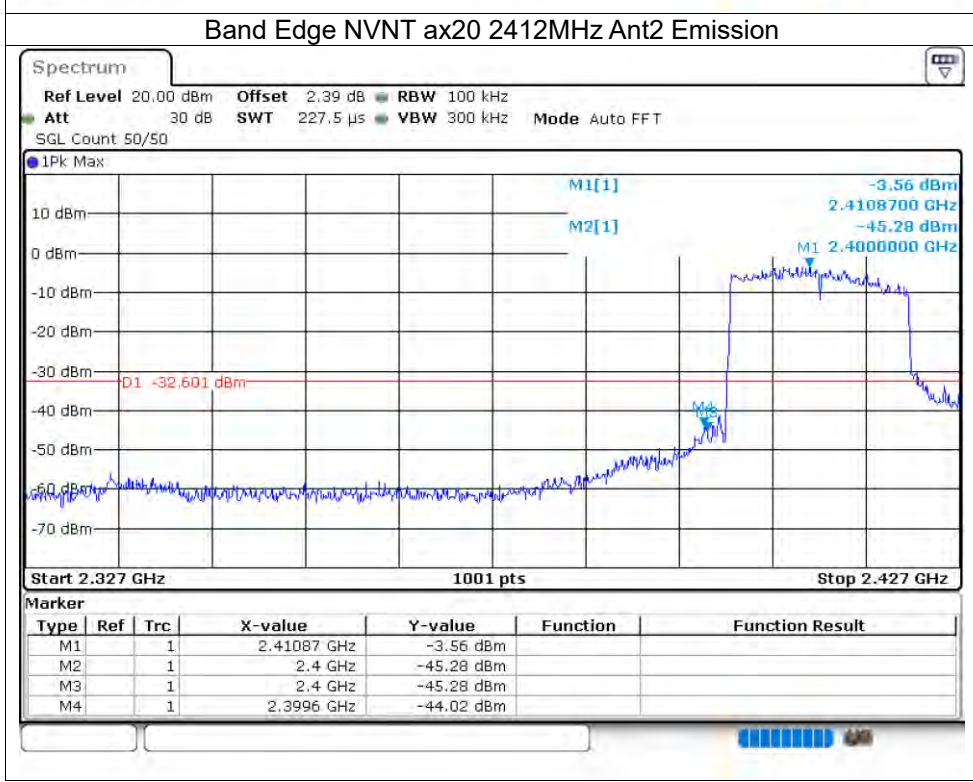
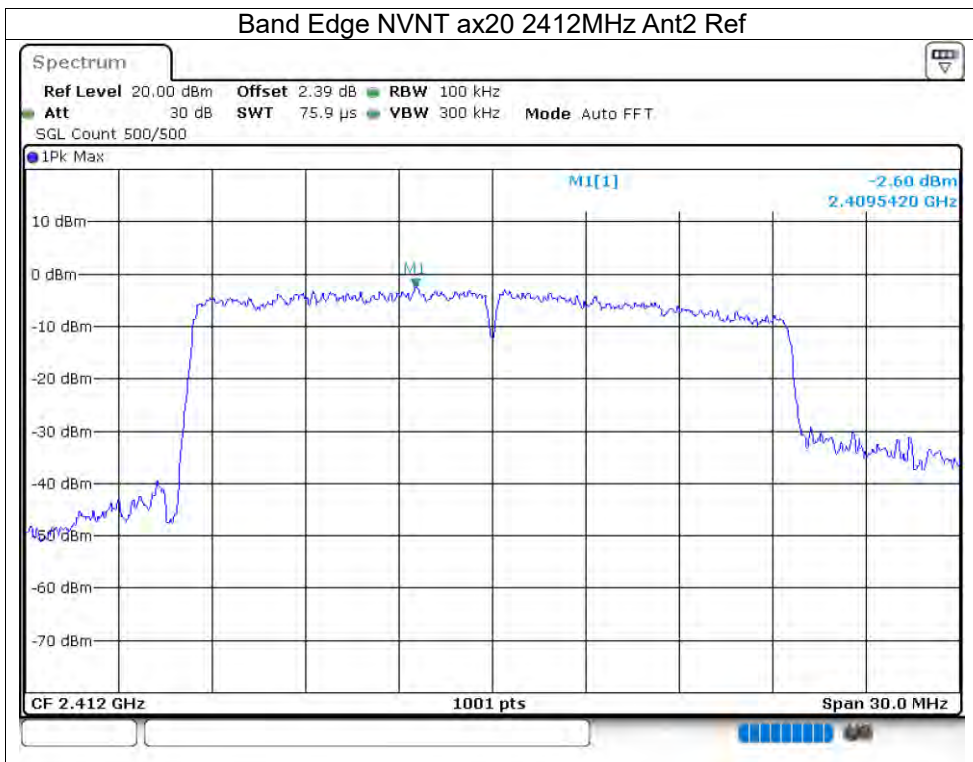


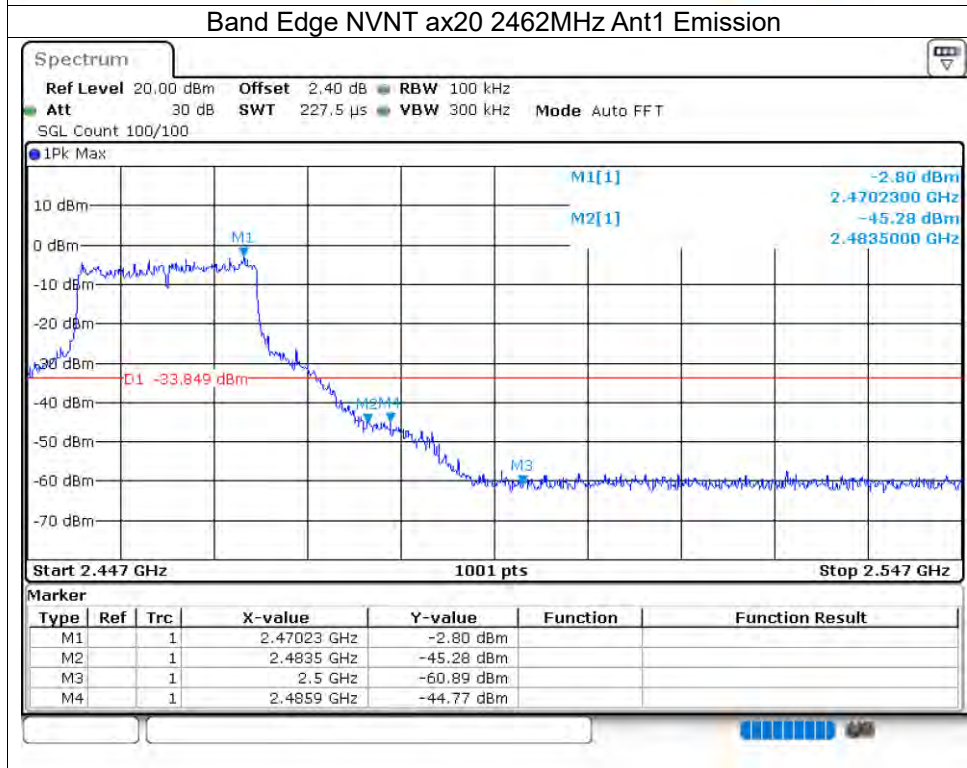
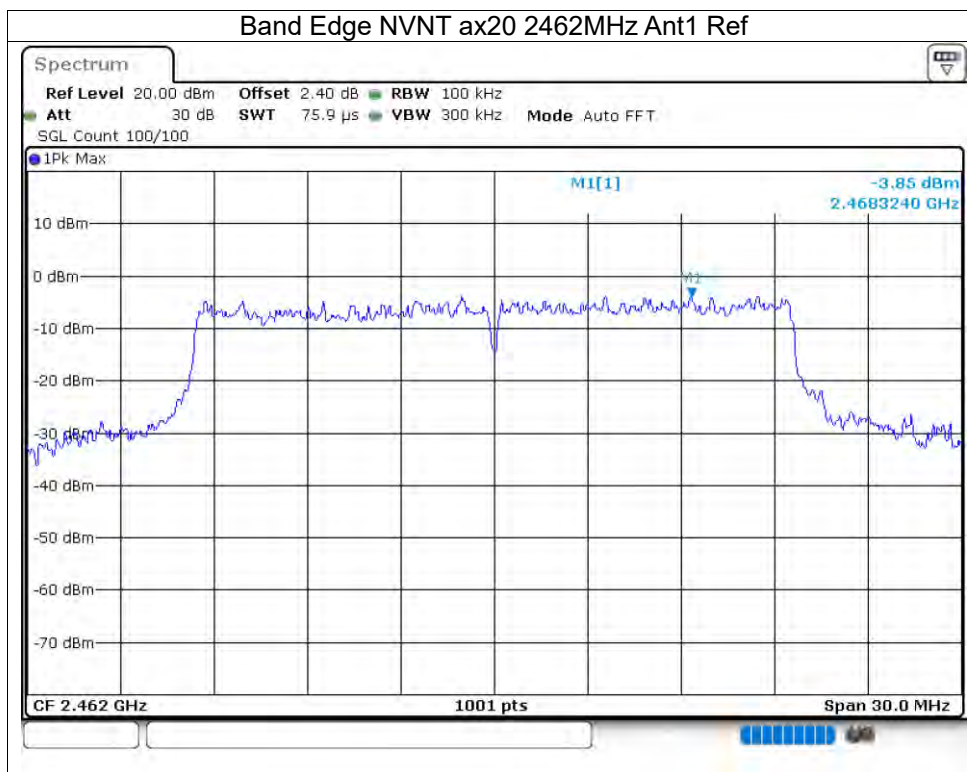


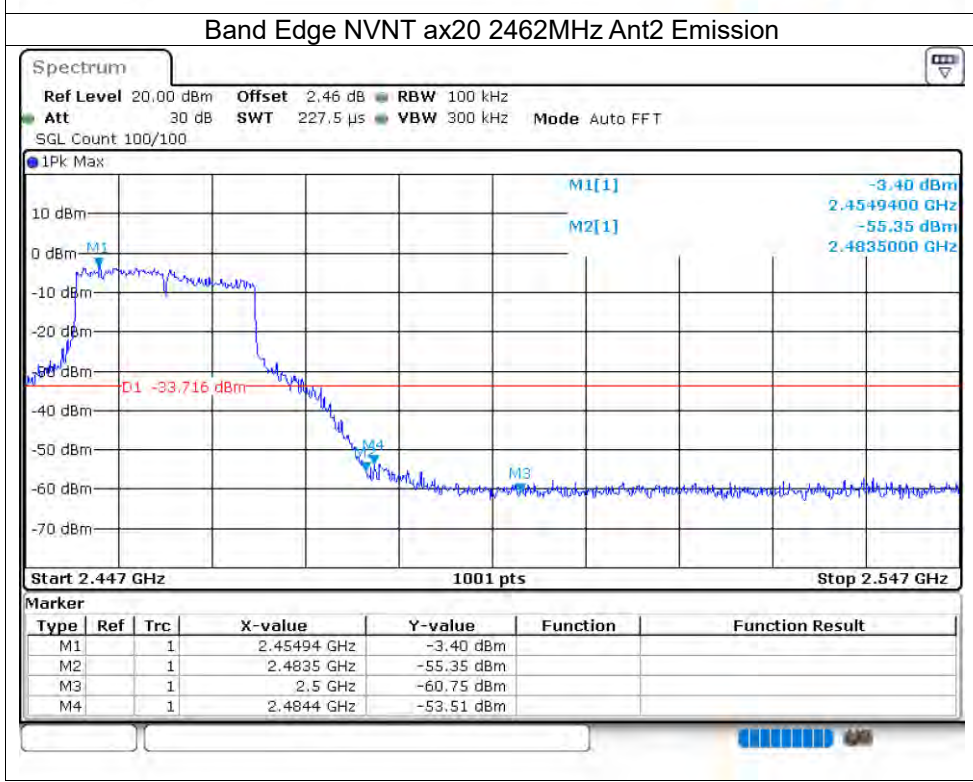
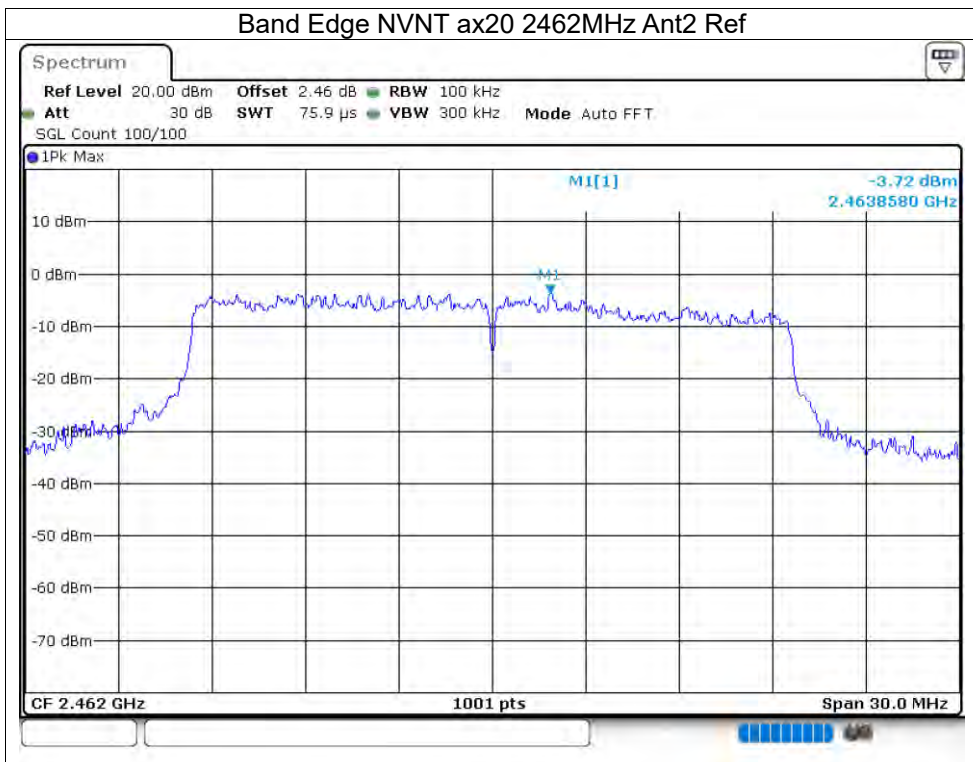
8.1.4 Band Edge

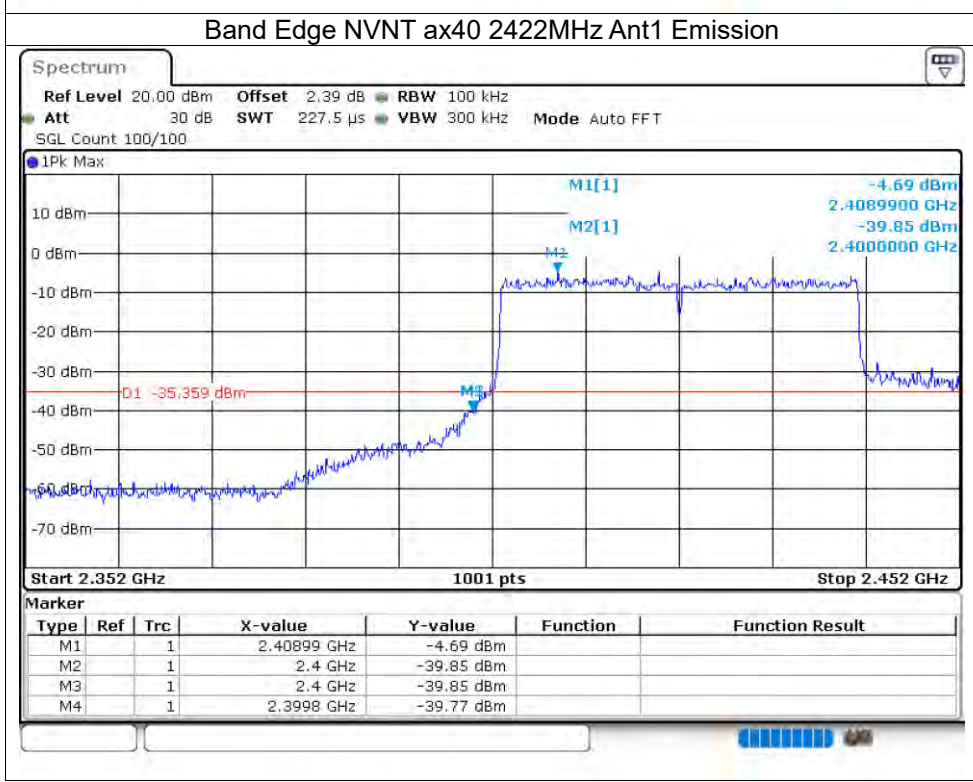
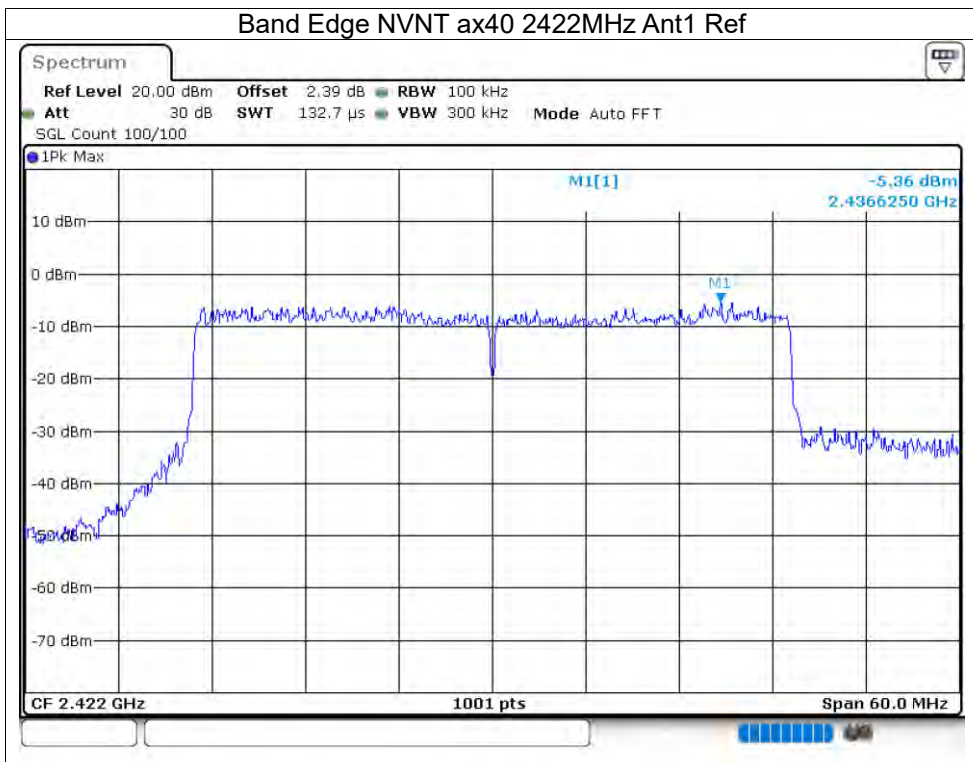
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ax20	2412	Ant1	-43.13	-30	Pass
NVNT	ax20	2412	Ant2	-41.41	-30	Pass
NVNT	ax20	2462	Ant1	-40.91	-30	Pass
NVNT	ax20	2462	Ant2	-49.78	-30	Pass
NVNT	ax40	2422	Ant1	-34.4	-30	Pass
NVNT	ax40	2422	Ant2	-34.34	-30	Pass
NVNT	ax40	2452	Ant1	-46.21	-30	Pass
NVNT	ax40	2452	Ant2	-48.77	-30	Pass
NVNT	n20	2412	Ant1	-38.55	-30	Pass
NVNT	n20	2412	Ant2	-38.4	-30	Pass
NVNT	n20	2462	Ant1	-43.05	-30	Pass
NVNT	n20	2462	Ant2	-51.41	-30	Pass
NVNT	n40	2422	Ant1	-31.45	-30	Pass
NVNT	n40	2422	Ant2	-32.4	-30	Pass
NVNT	n40	2452	Ant1	-44.66	-30	Pass
NVNT	n40	2452	Ant2	-49.17	-30	Pass



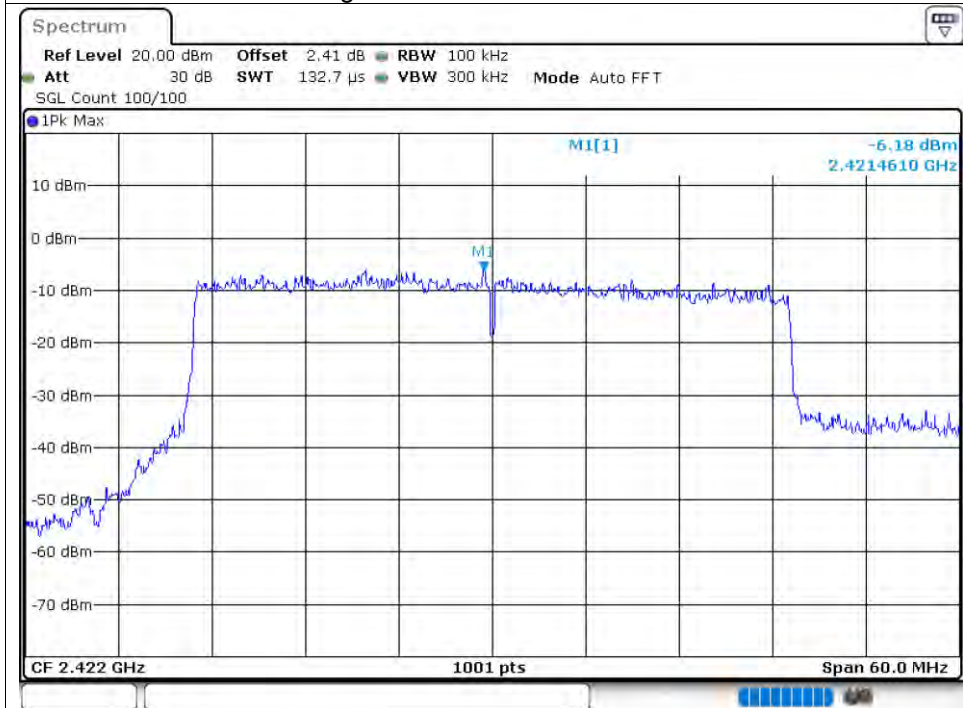




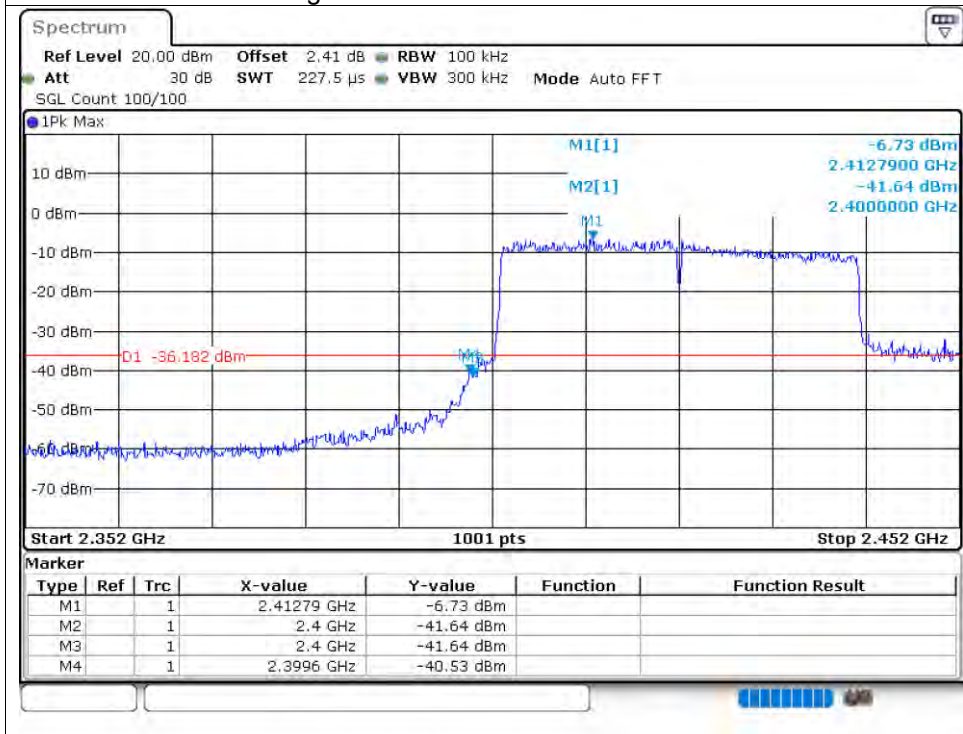




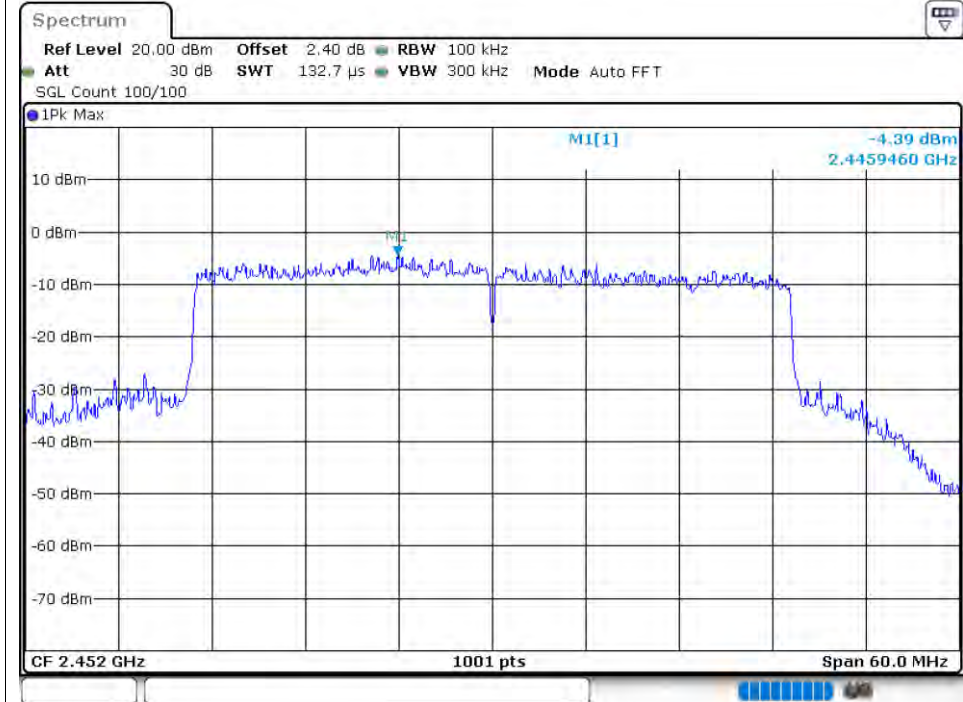
Band Edge NVNT ax40 2422MHz Ant2 Ref



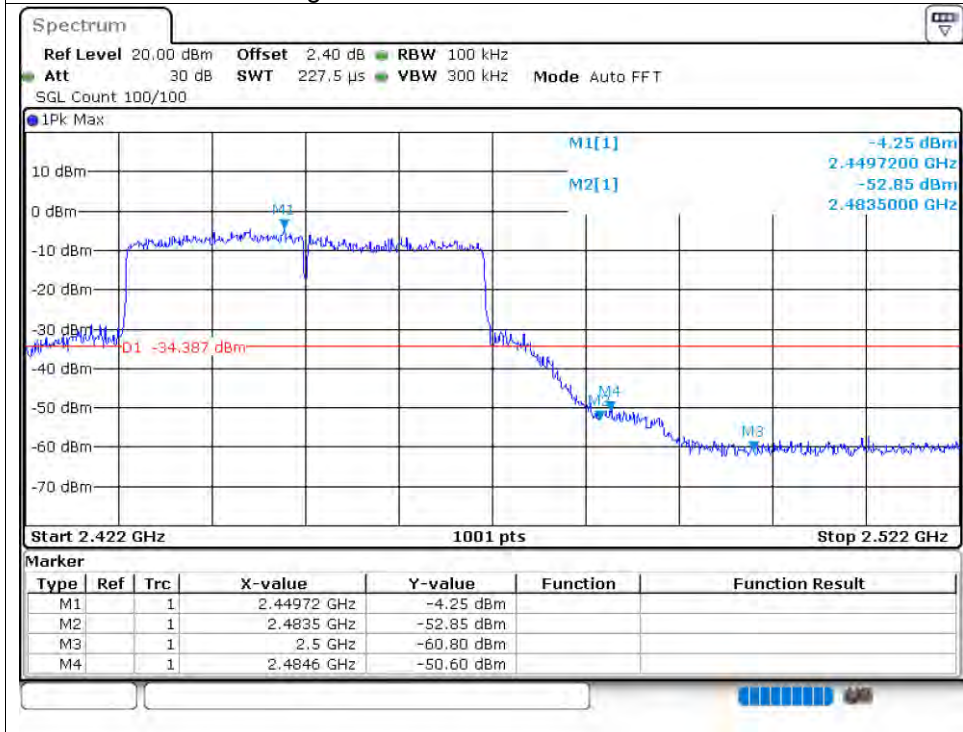
Band Edge NVNT ax40 2422MHz Ant2 Emission

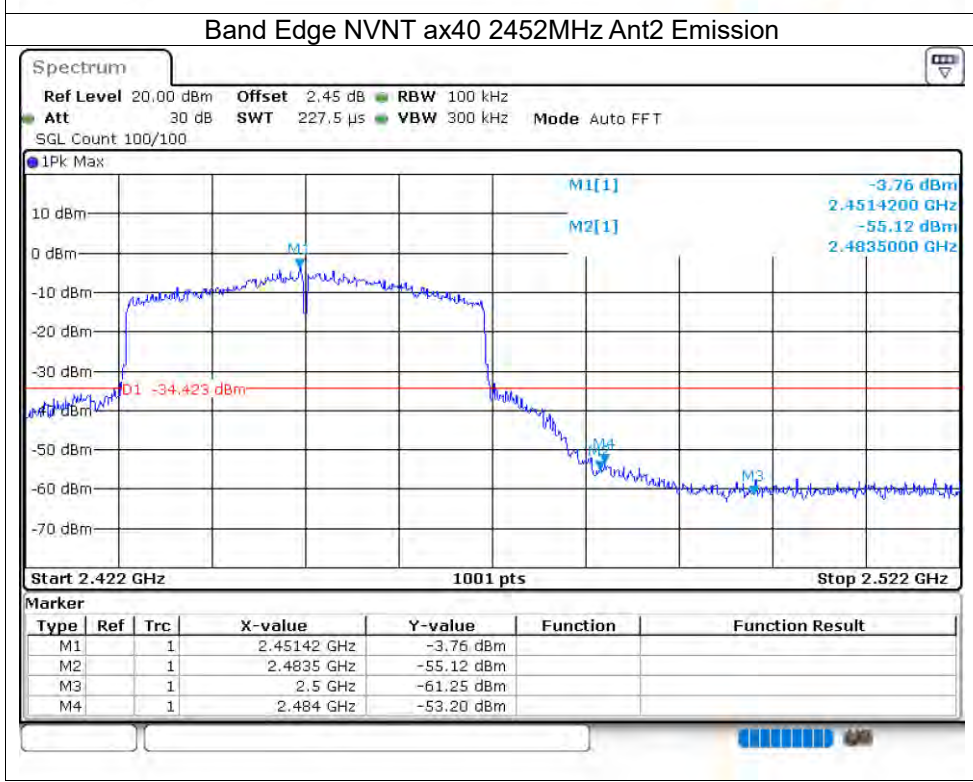
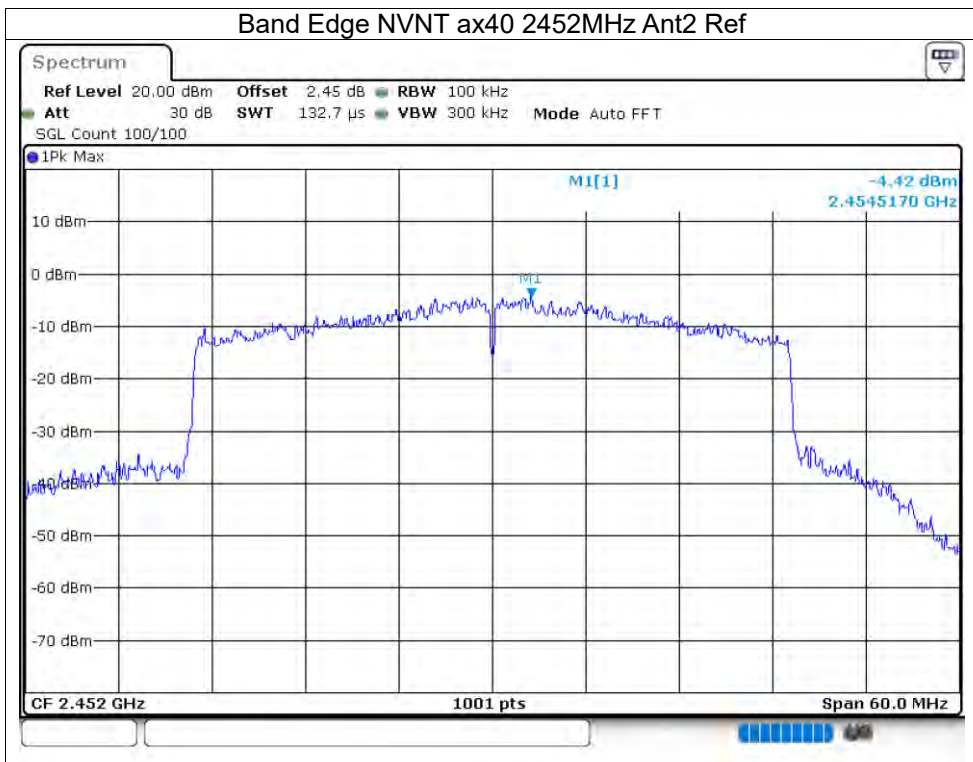


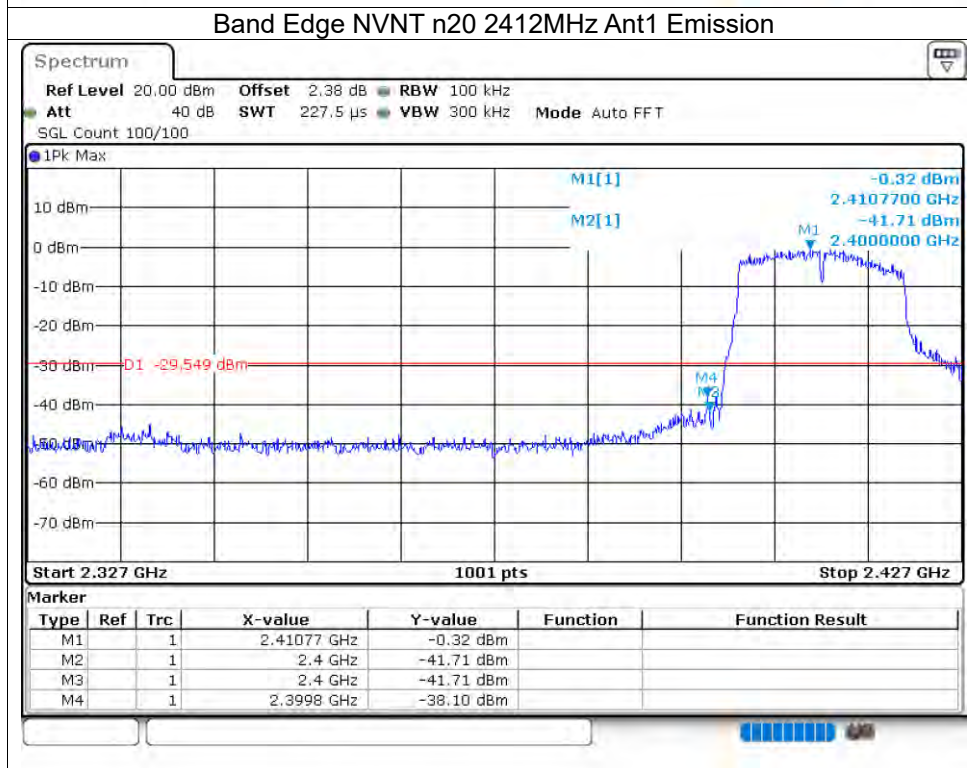
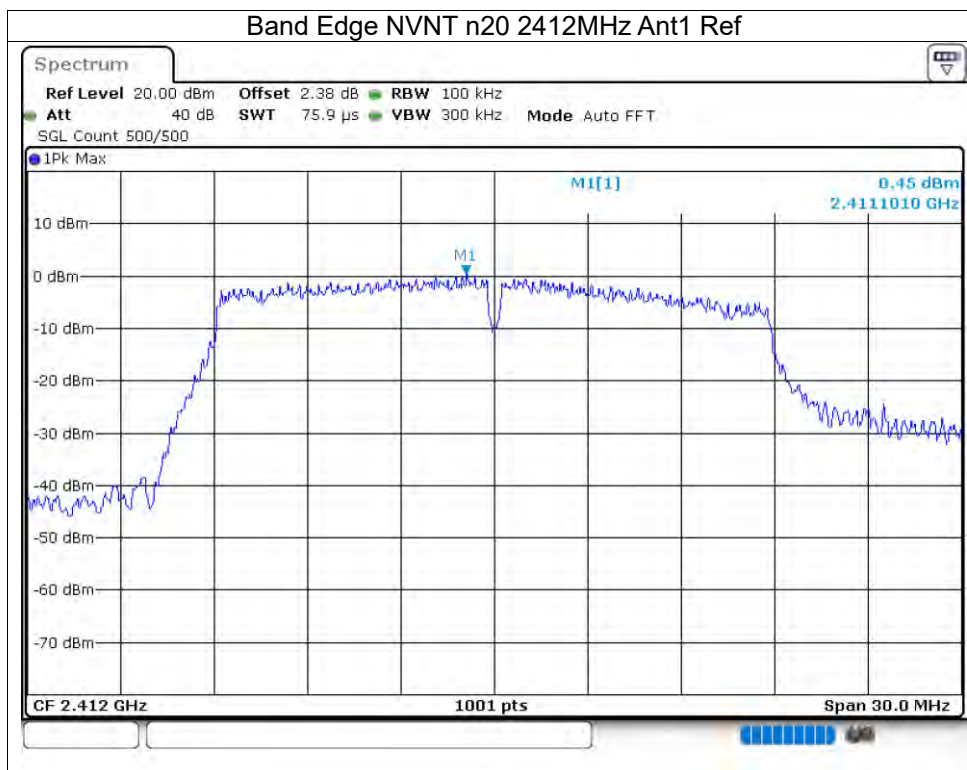
Band Edge NVNT ax40 2452MHz Ant1 Ref

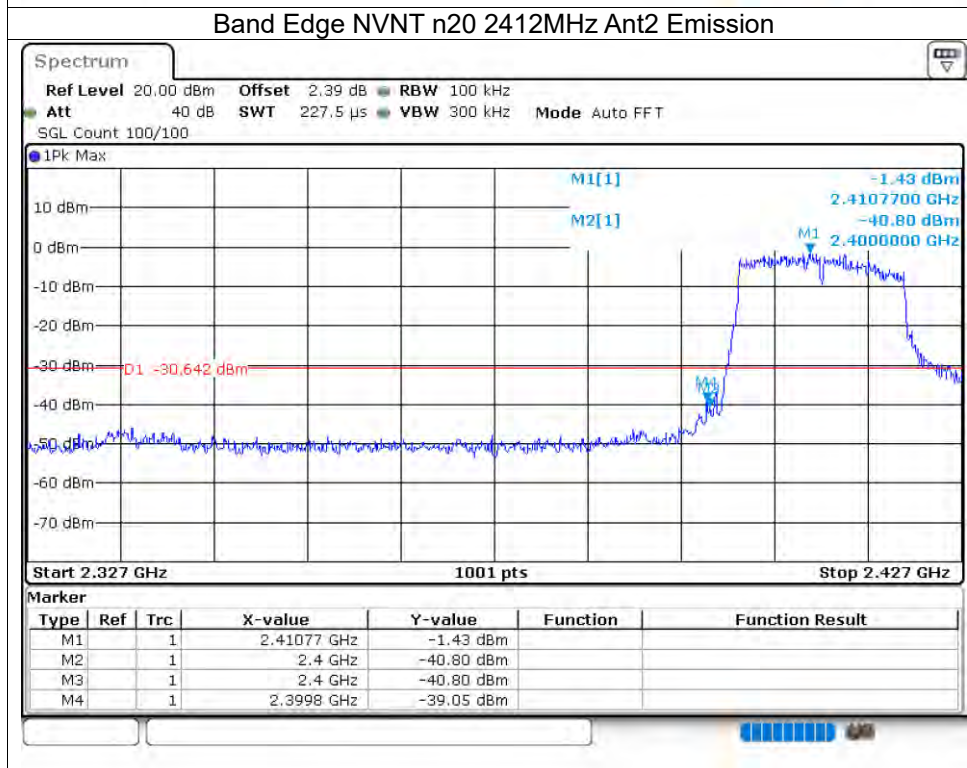
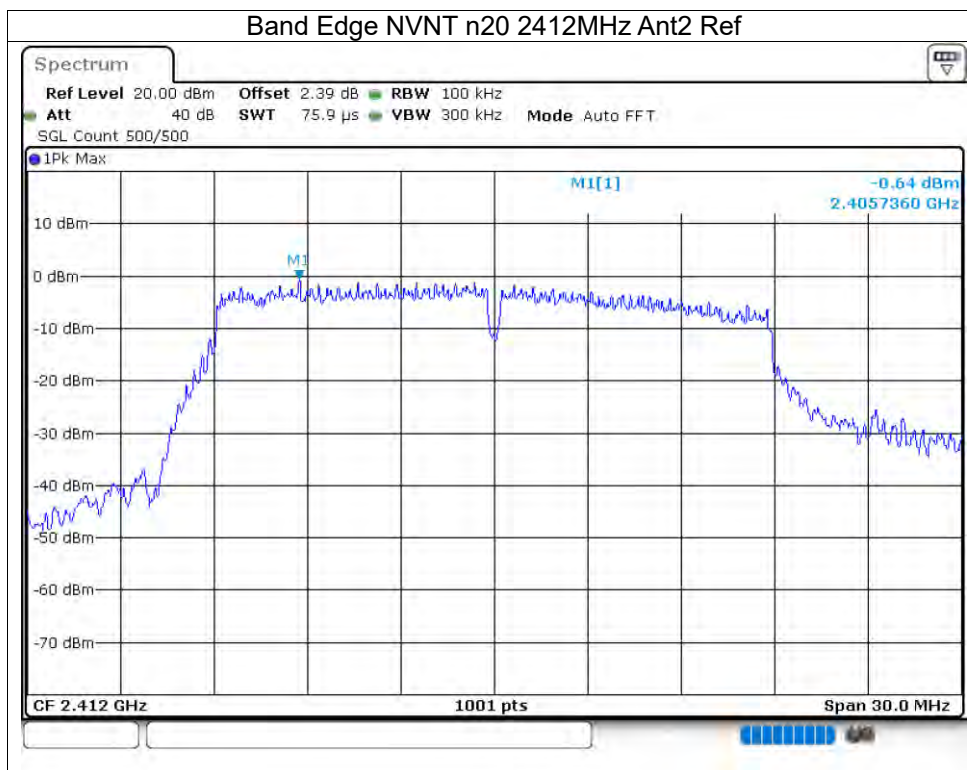


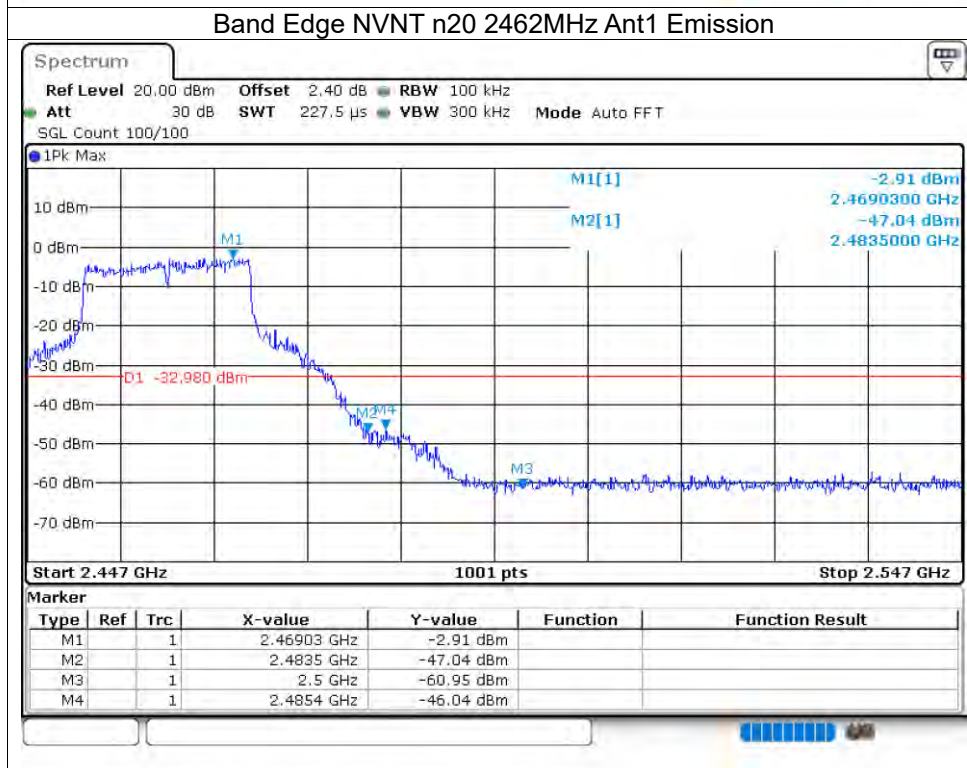
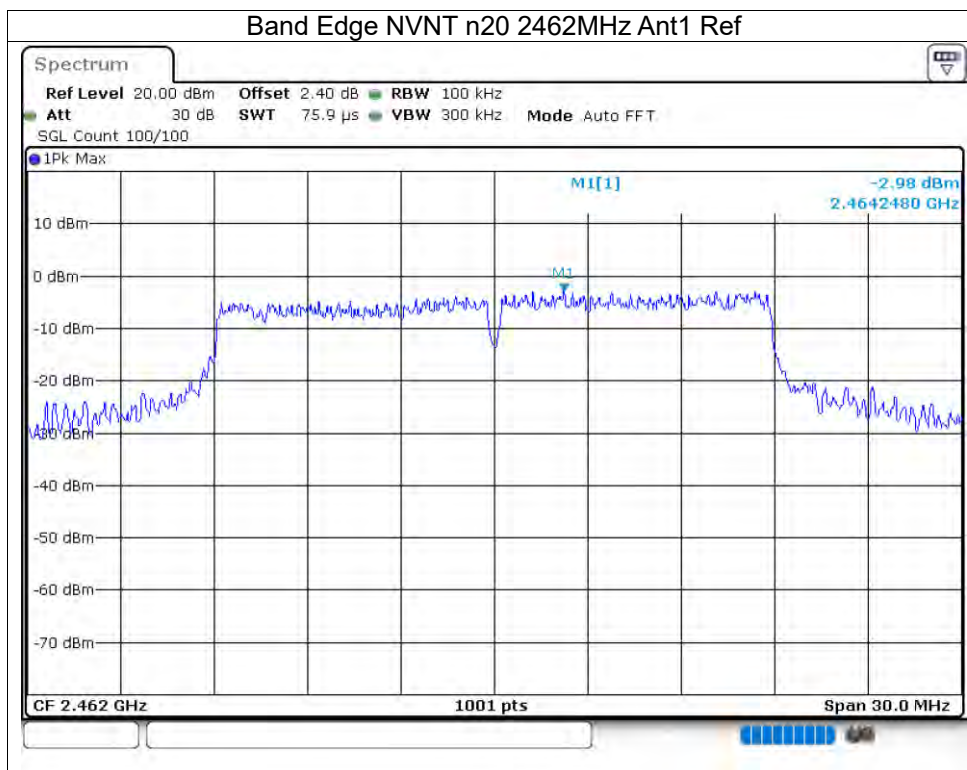
Band Edge NVNT ax40 2452MHz Ant1 Emission

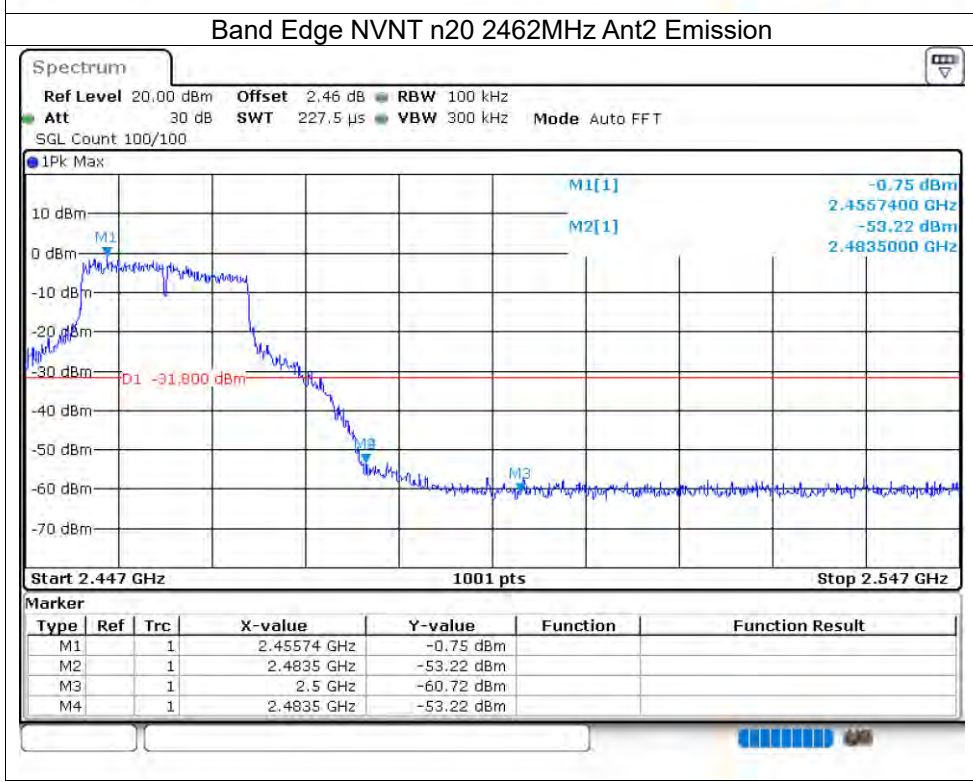
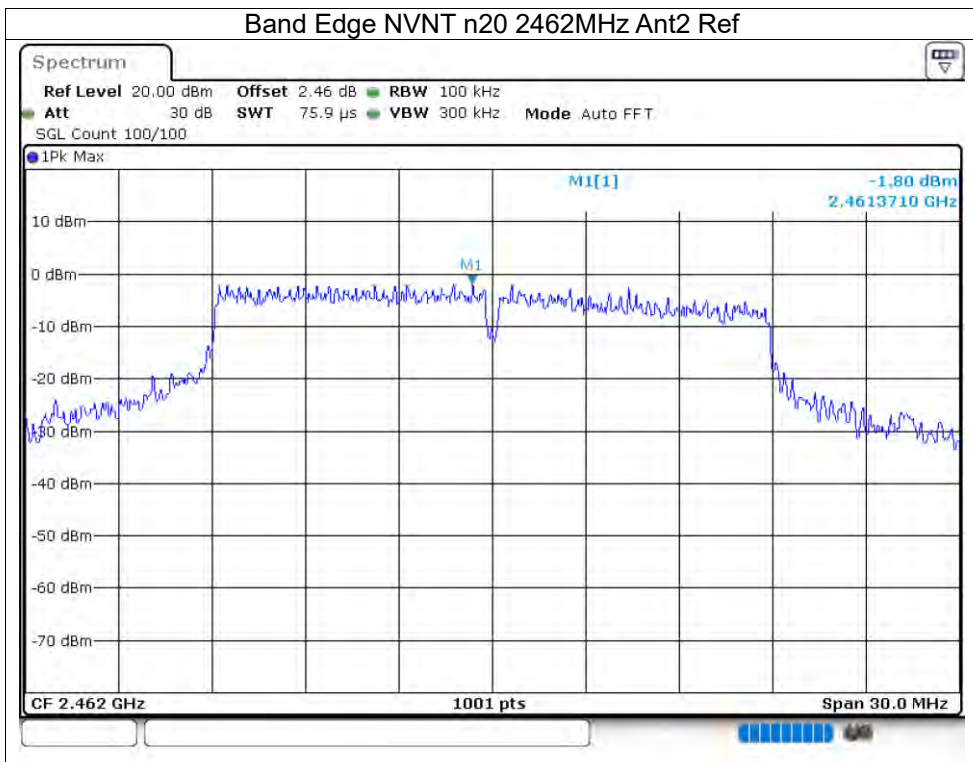


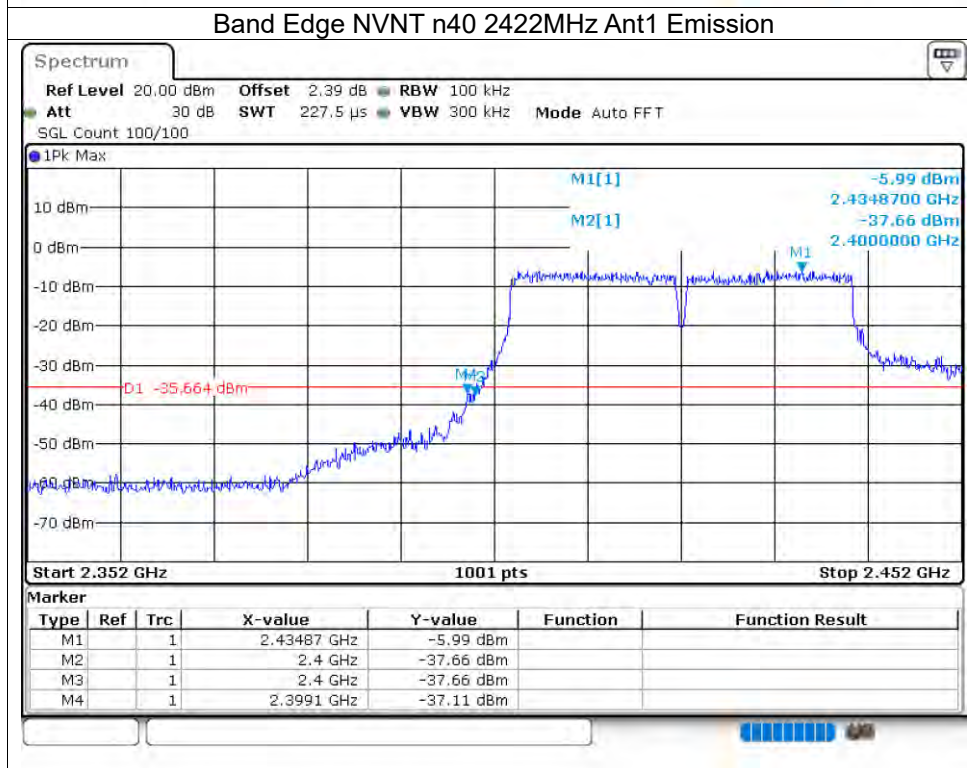
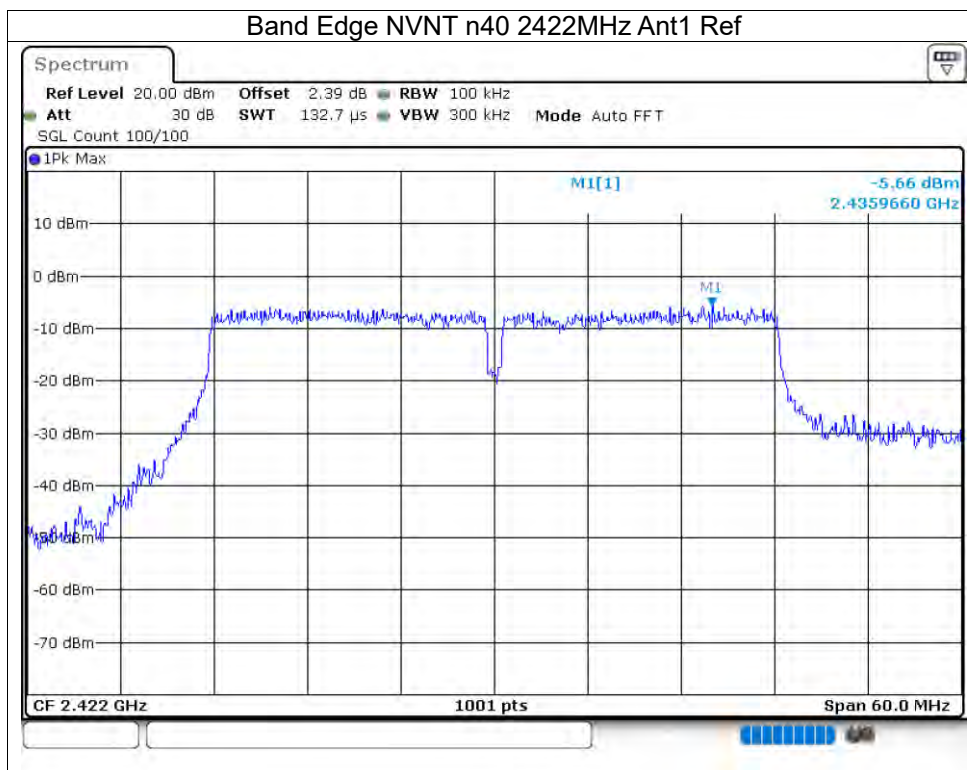


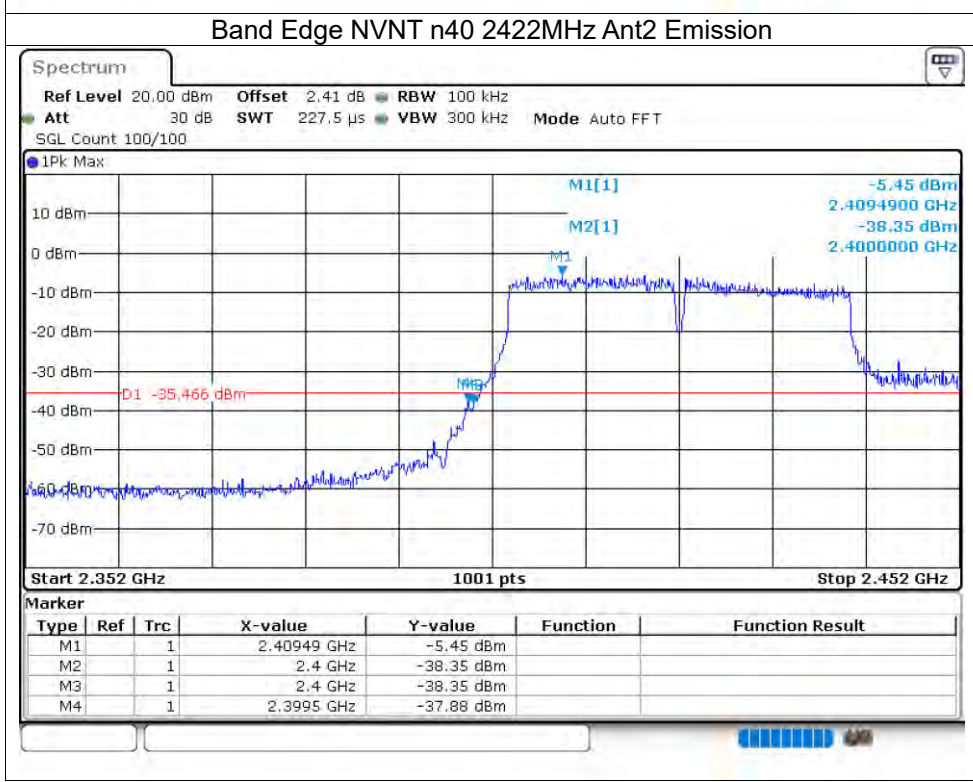
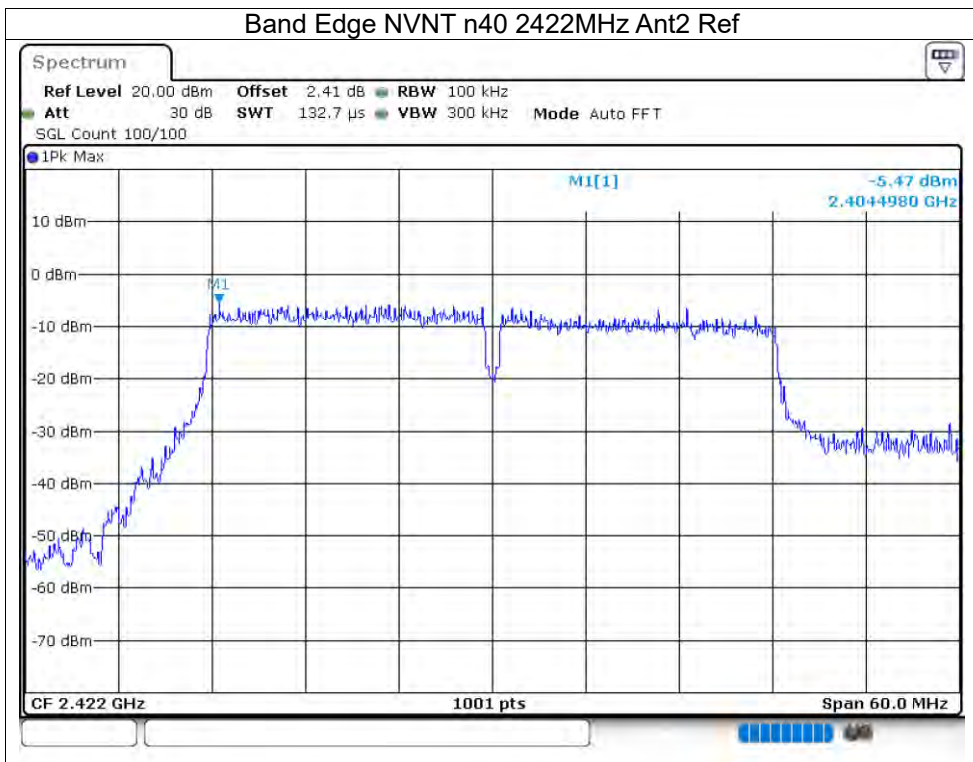


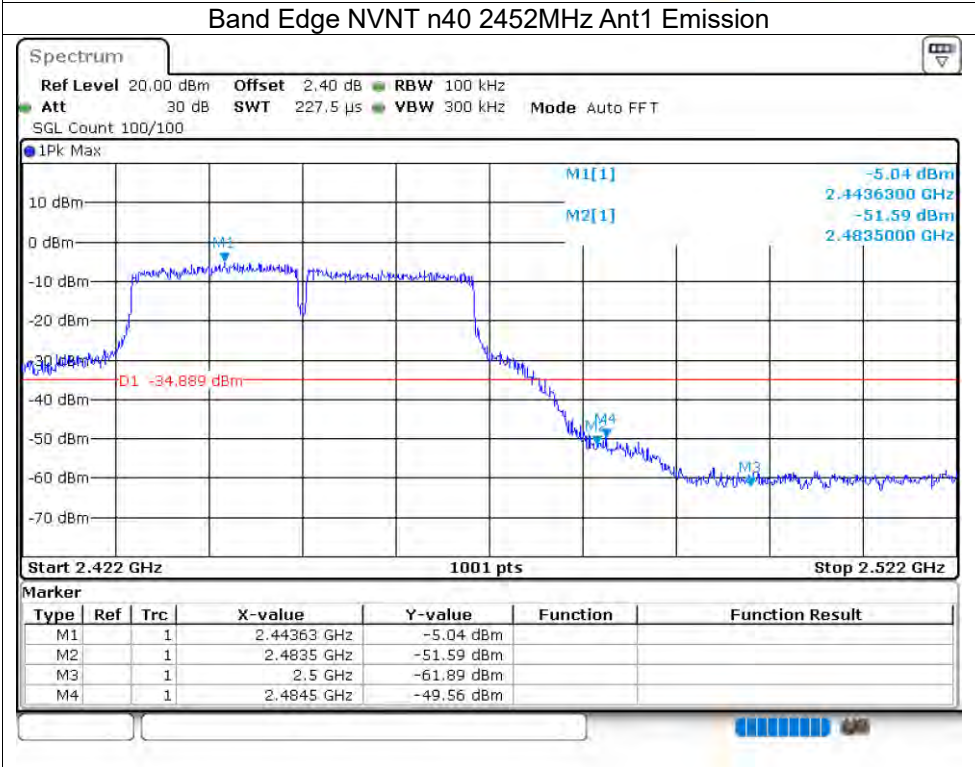
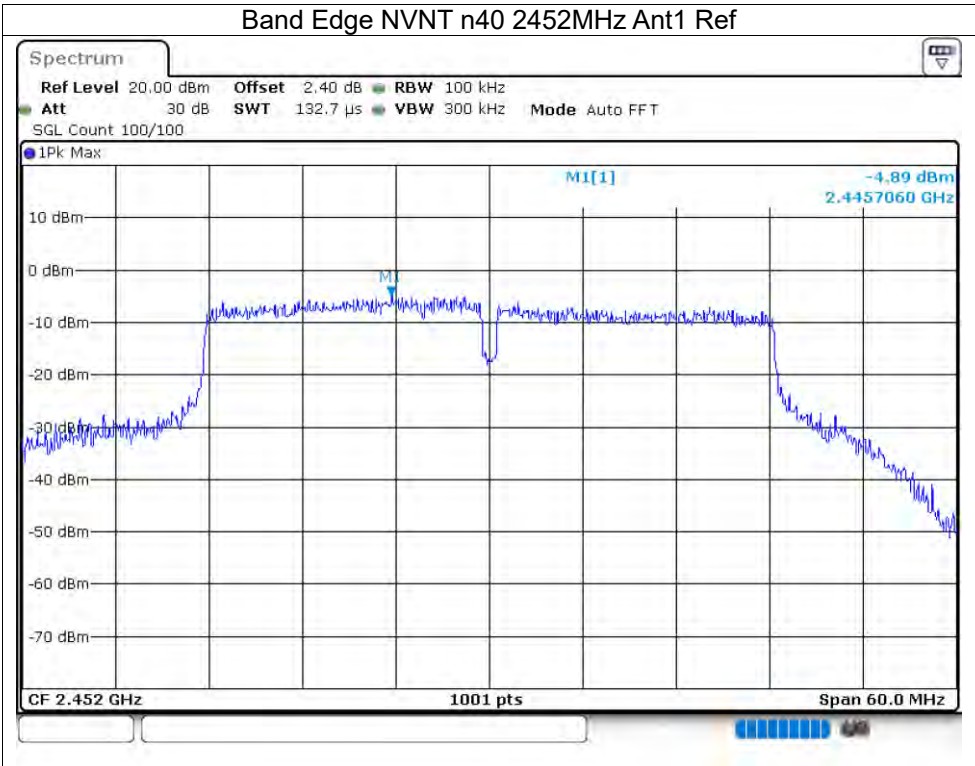


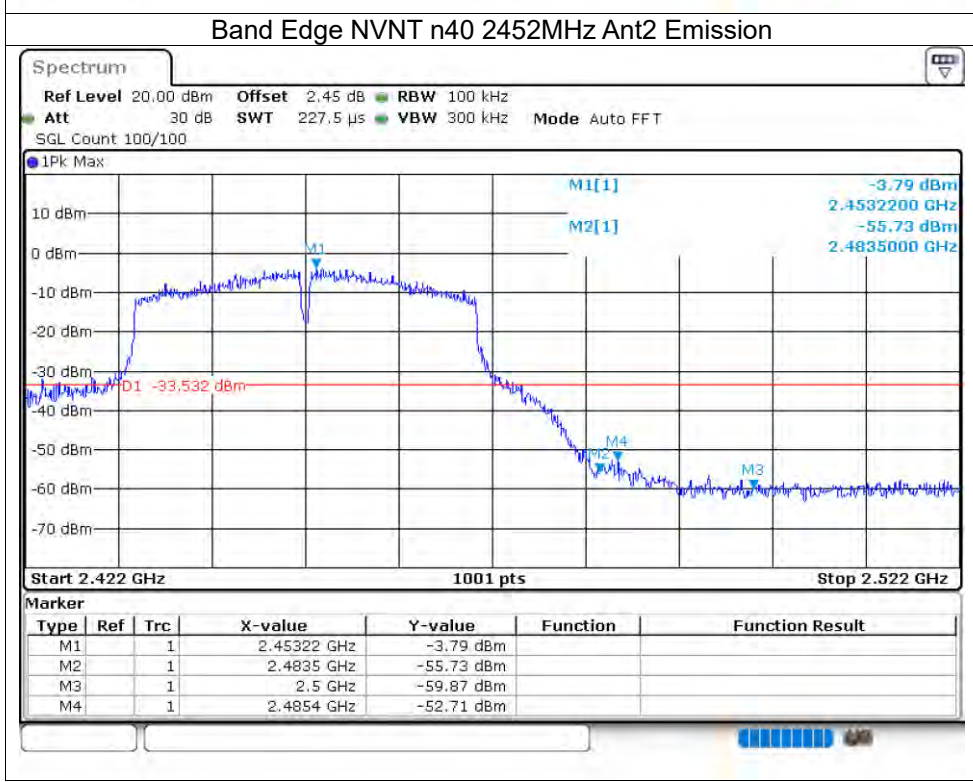
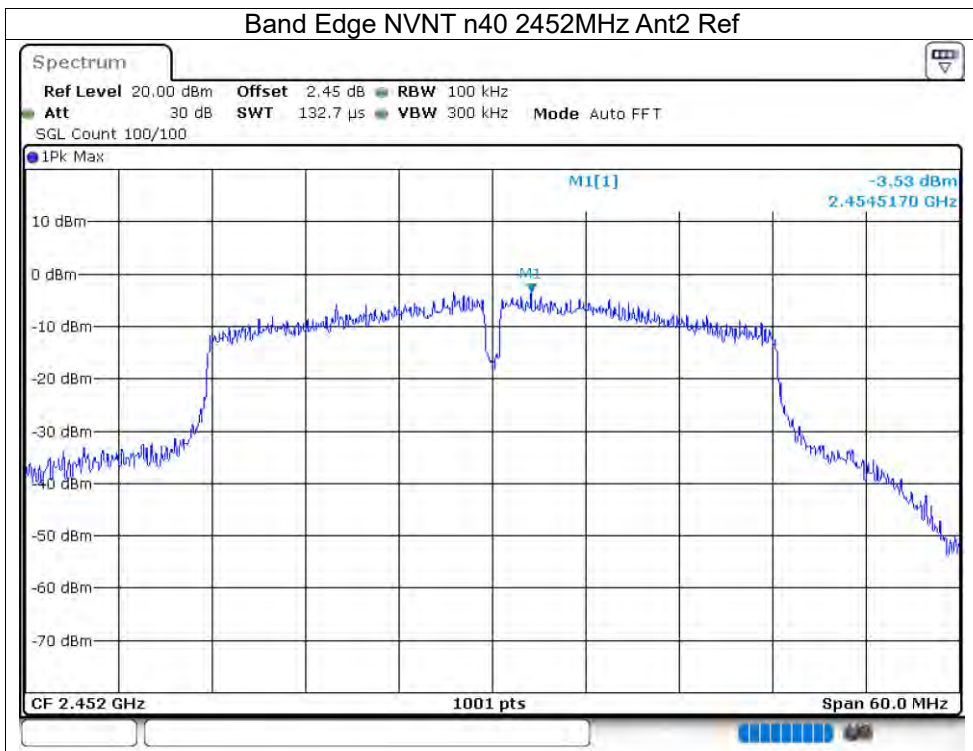






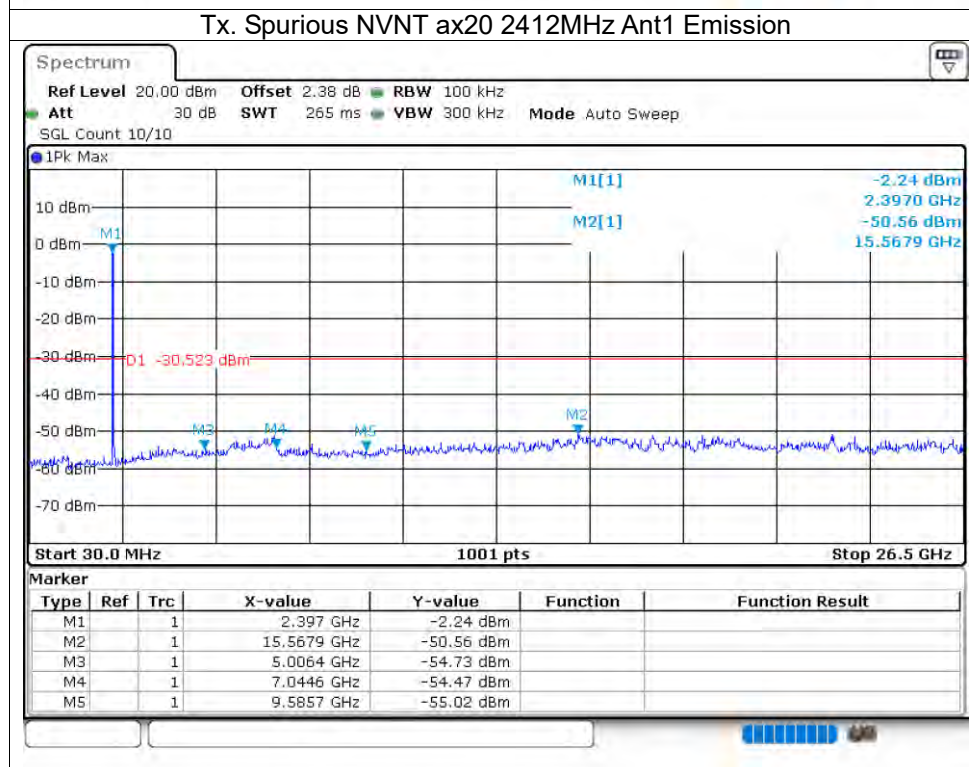
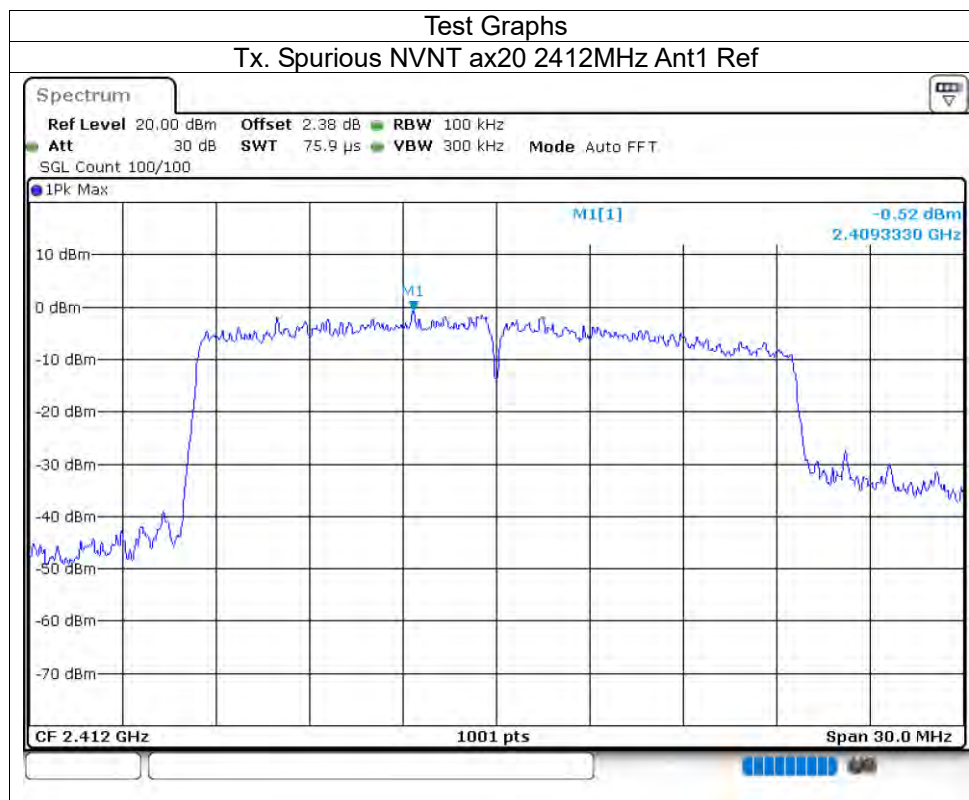


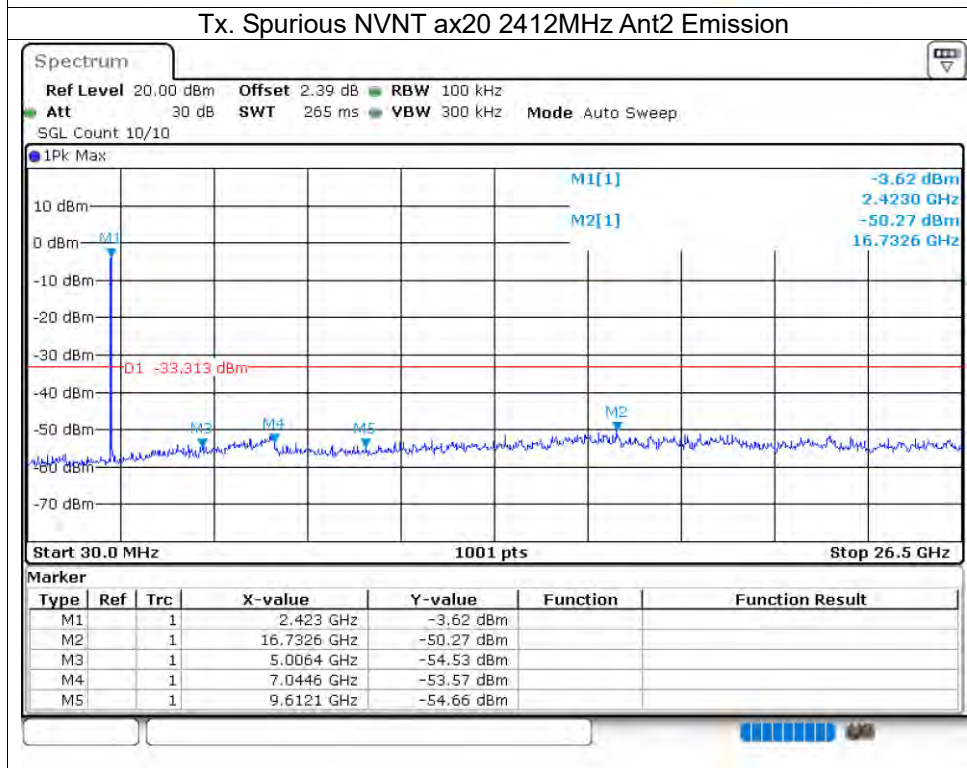
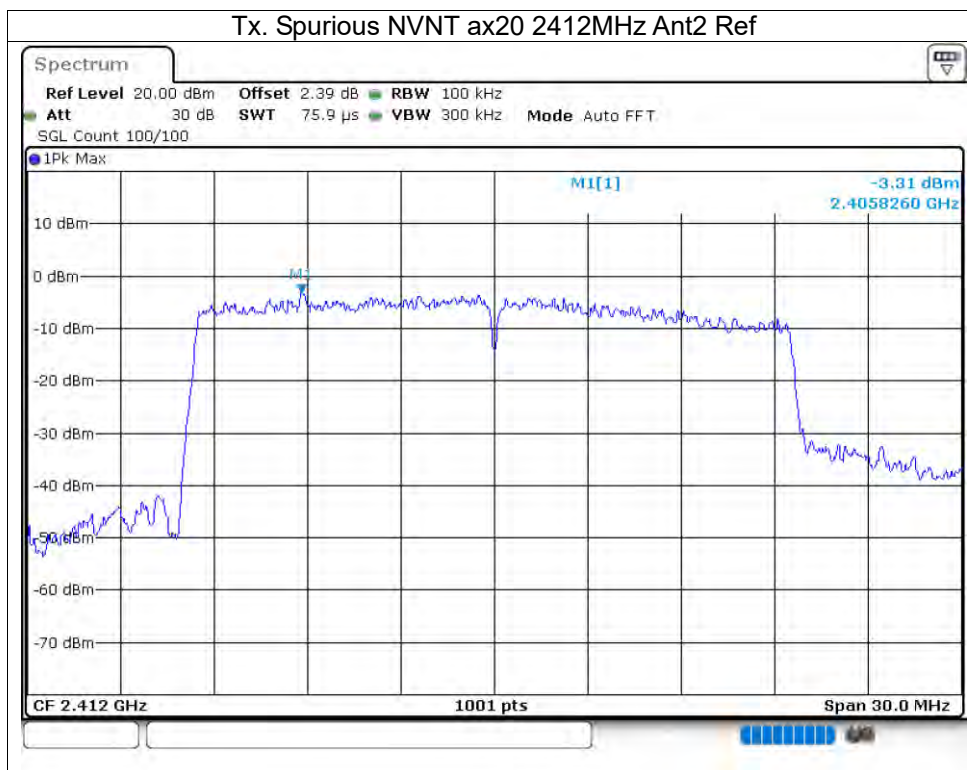




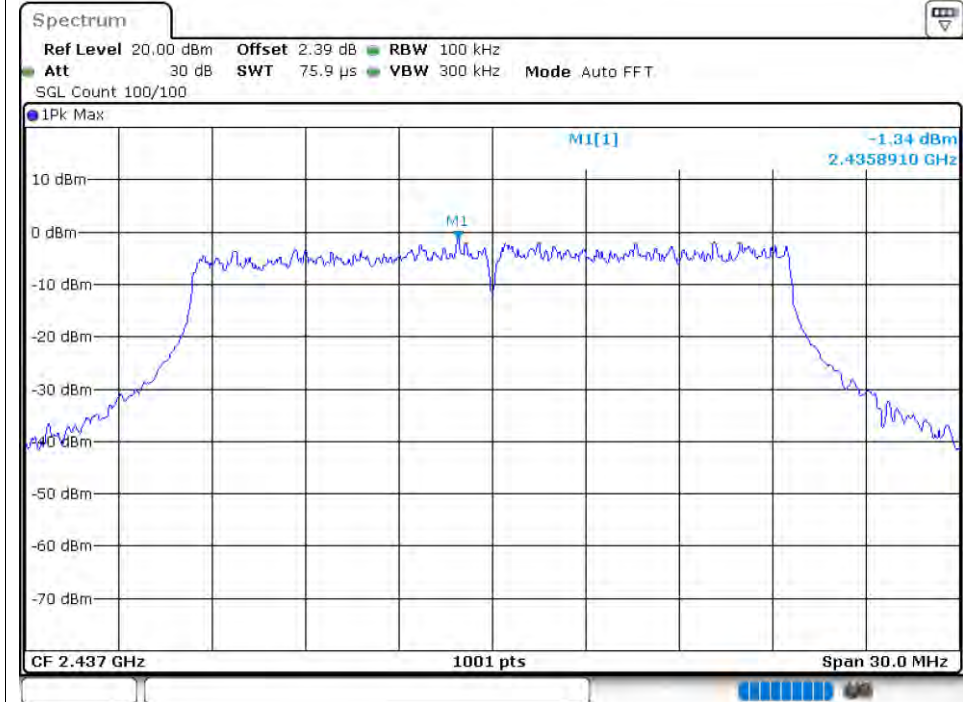
8.1.5 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	ax20	2412	Ant1	-50.04	-30	Pass
NVNT	ax20	2412	Ant2	-46.95	-30	Pass
NVNT	ax20	2437	Ant1	-48.9	-30	Pass
NVNT	ax20	2437	Ant2	-47.15	-30	Pass
NVNT	ax20	2462	Ant1	-47.75	-30	Pass
NVNT	ax20	2462	Ant2	-47.05	-30	Pass
NVNT	ax40	2422	Ant1	-41.86	-30	Pass
NVNT	ax40	2422	Ant2	-44.06	-30	Pass
NVNT	ax40	2437	Ant1	-46.27	-30	Pass
NVNT	ax40	2437	Ant2	-45.01	-30	Pass
NVNT	ax40	2452	Ant1	-45.31	-30	Pass
NVNT	ax40	2452	Ant2	-46.45	-30	Pass
NVNT	n20	2412	Ant1	-49.76	-30	Pass
NVNT	n20	2412	Ant2	-48.65	-30	Pass
NVNT	n20	2437	Ant1	-49.4	-30	Pass
NVNT	n20	2437	Ant2	-49.6	-30	Pass
NVNT	n20	2462	Ant1	-48.04	-30	Pass
NVNT	n20	2462	Ant2	-48.04	-30	Pass
NVNT	n40	2422	Ant1	-43.67	-30	Pass
NVNT	n40	2422	Ant2	-44.15	-30	Pass
NVNT	n40	2437	Ant1	-45.78	-30	Pass
NVNT	n40	2437	Ant2	-44.73	-30	Pass
NVNT	n40	2452	Ant1	-43.93	-30	Pass
NVNT	n40	2452	Ant2	-46	-30	Pass

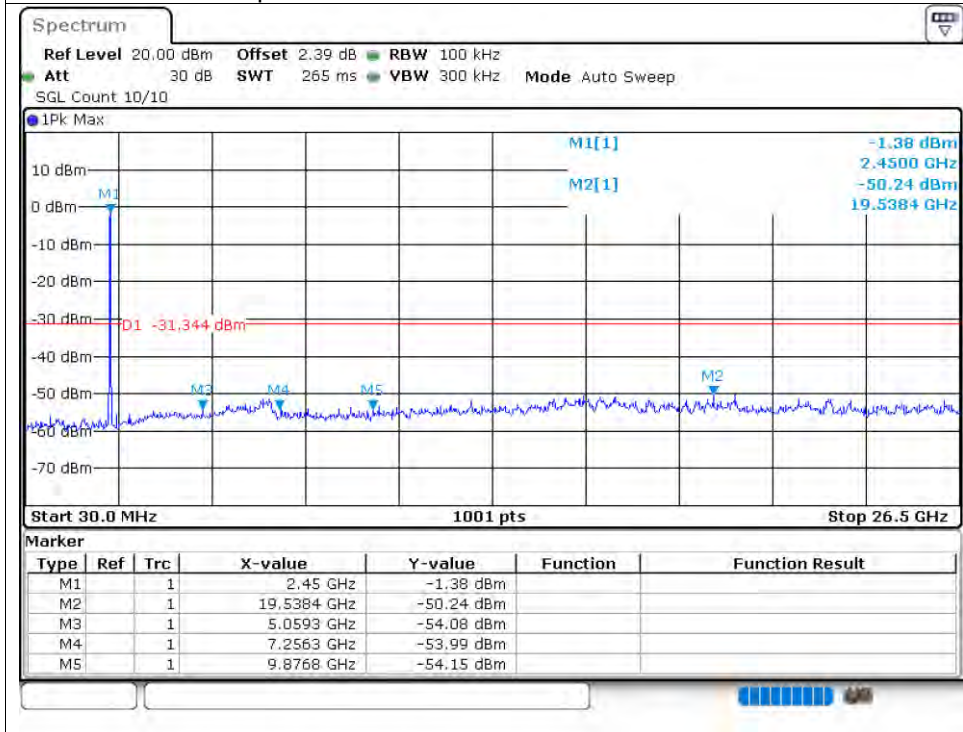




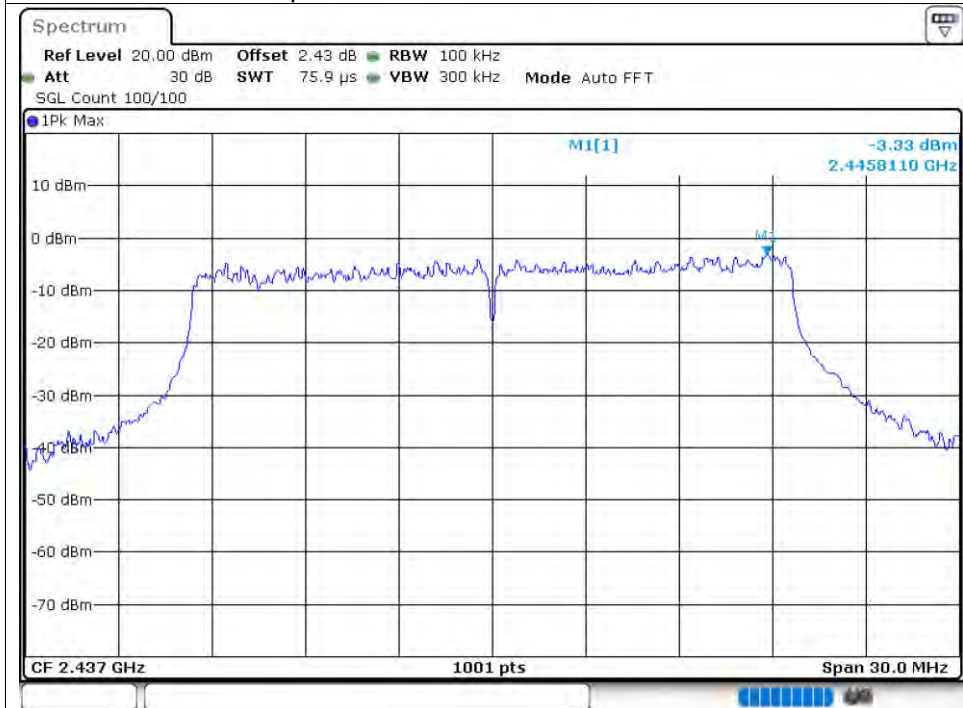
Tx. Spurious NVNT ax20 2437MHz Ant1 Ref



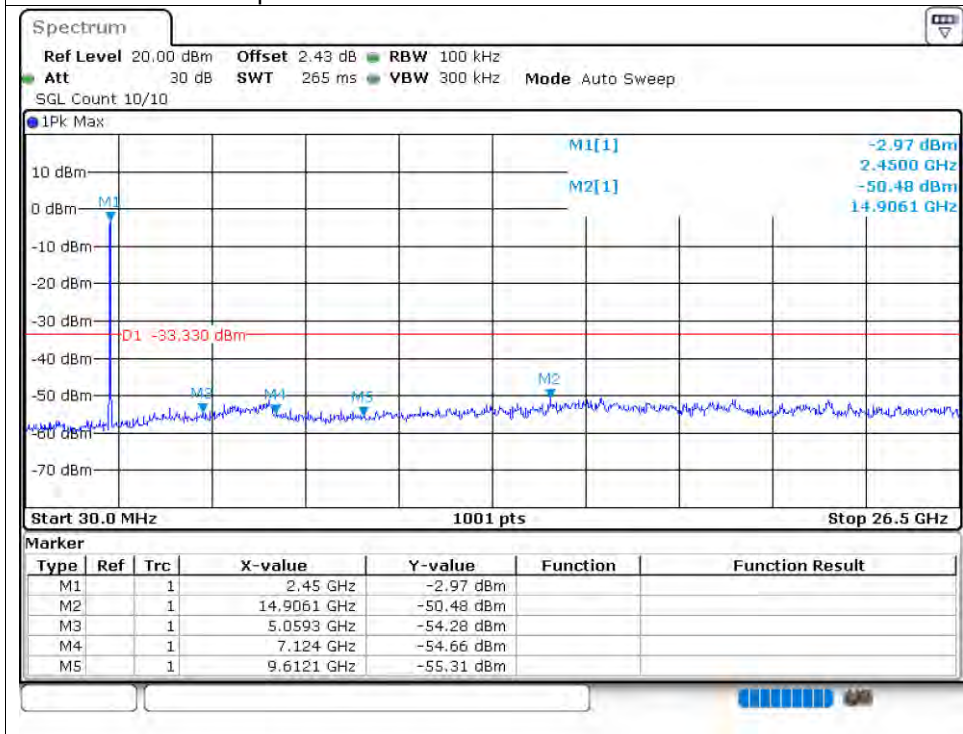
Tx. Spurious NVNT ax20 2437MHz Ant1 Emission

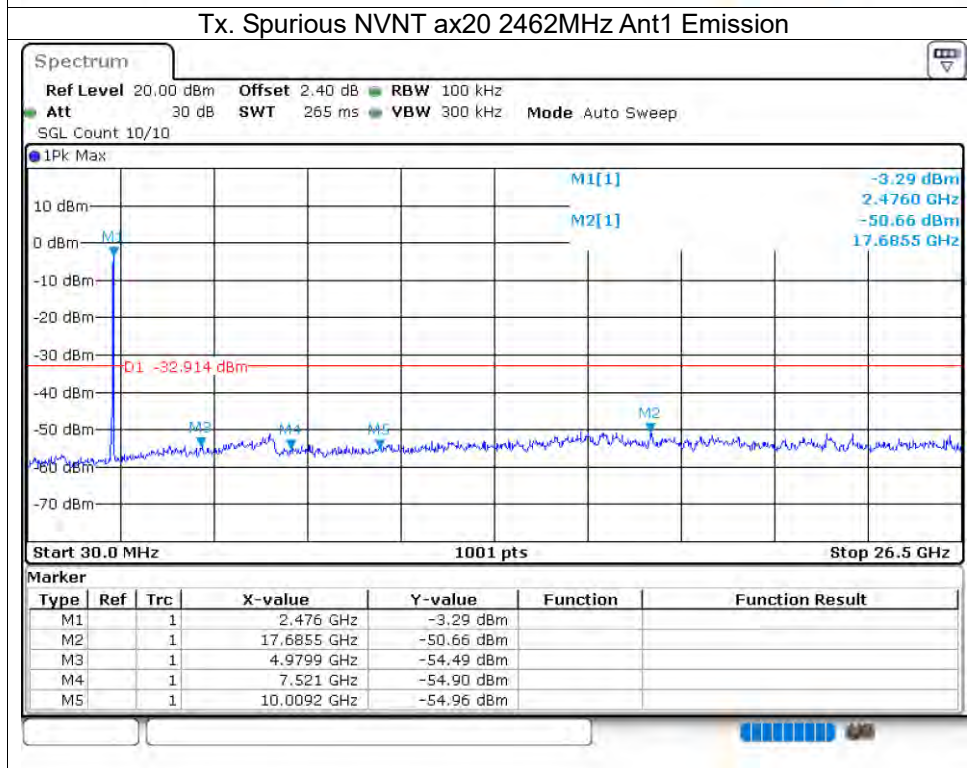
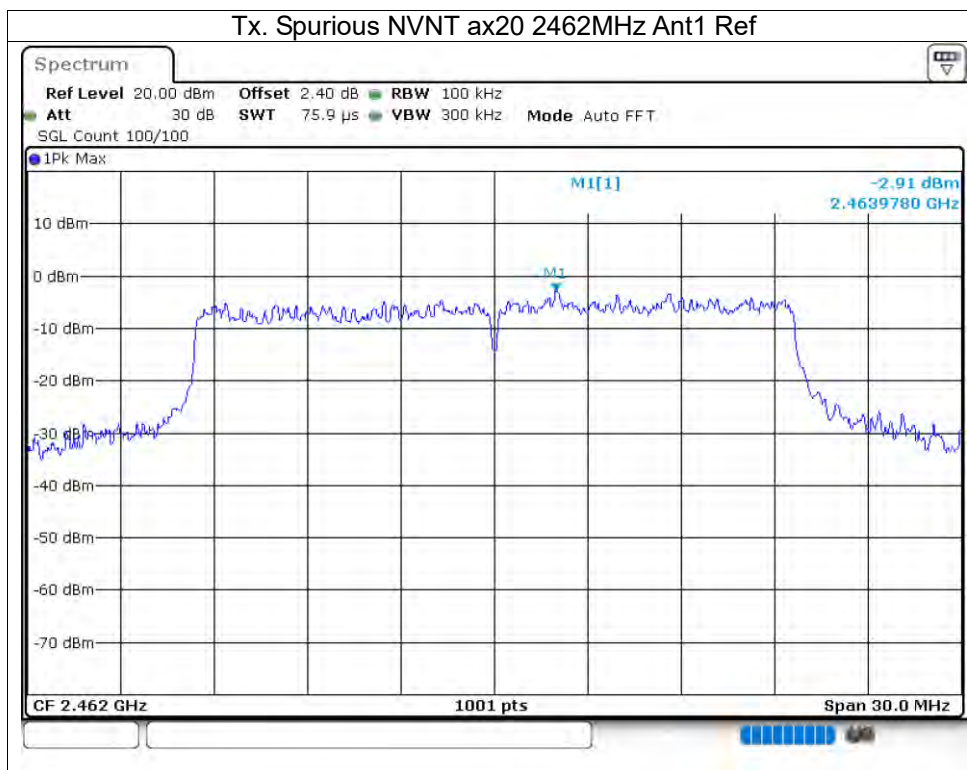


Tx. Spurious NVNT ax20 2437MHz Ant2 Ref

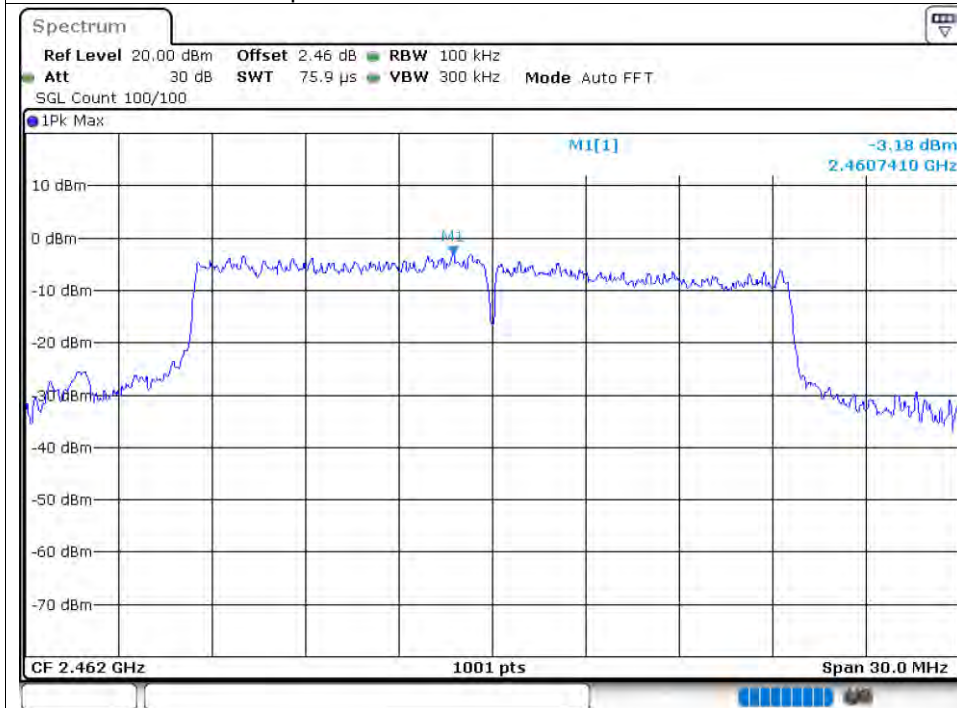


Tx. Spurious NVNT ax20 2437MHz Ant2 Emission

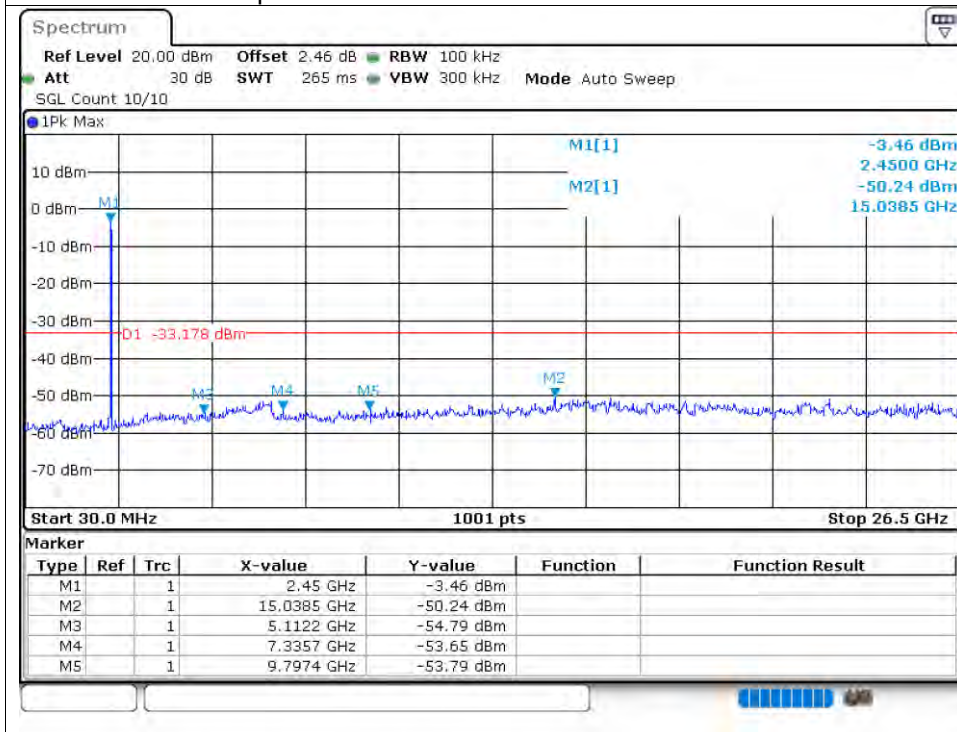


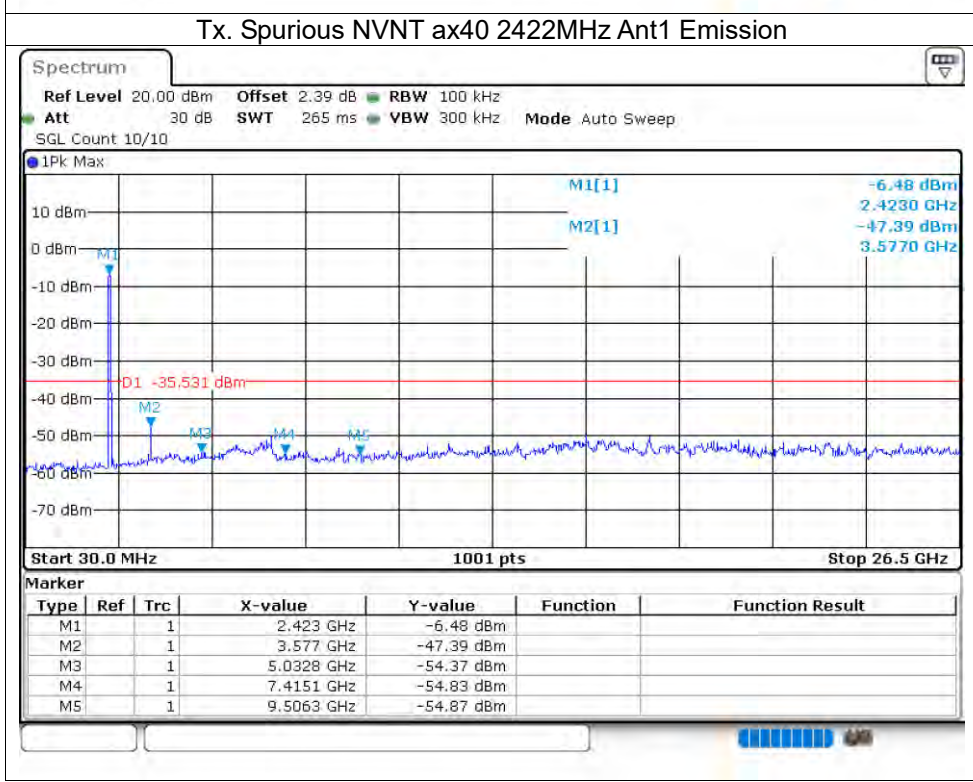
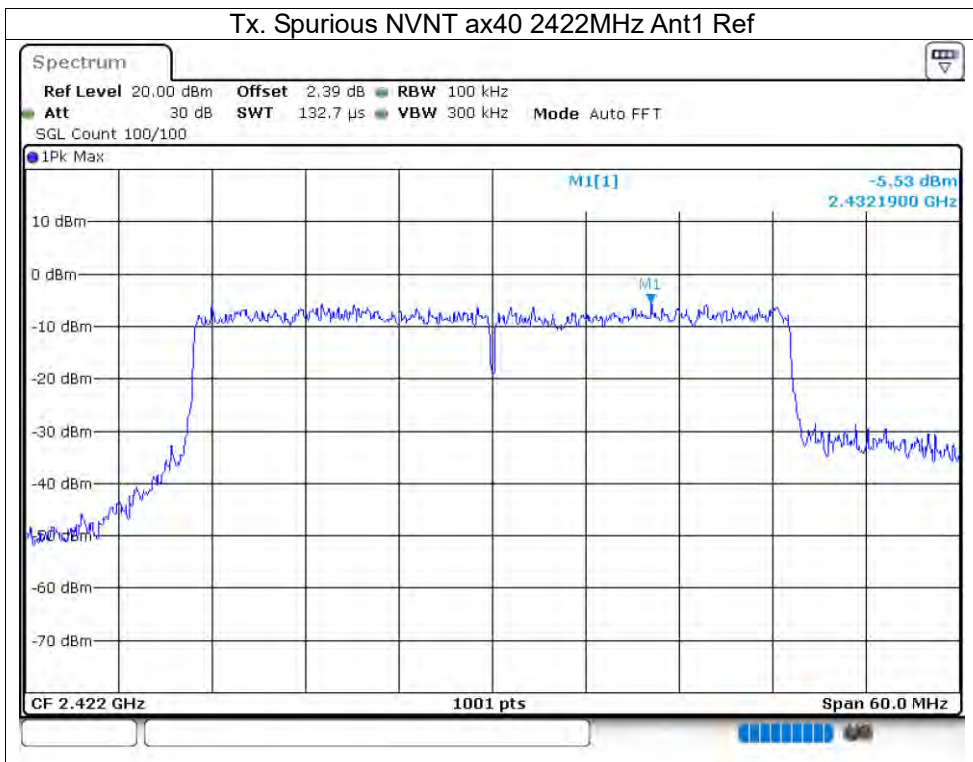


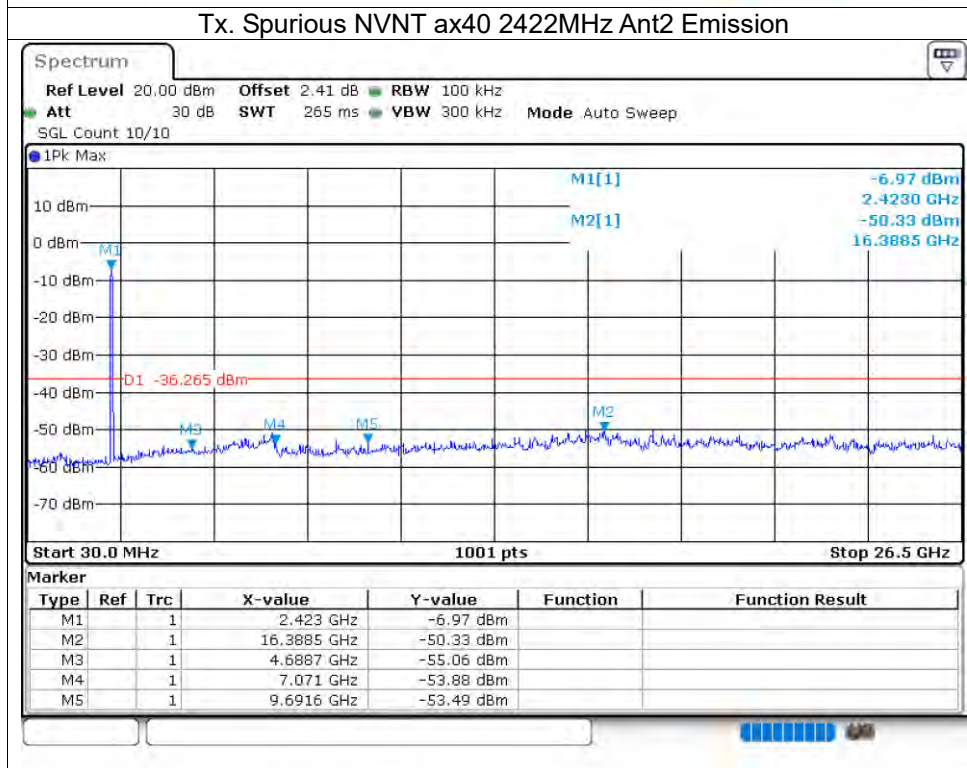
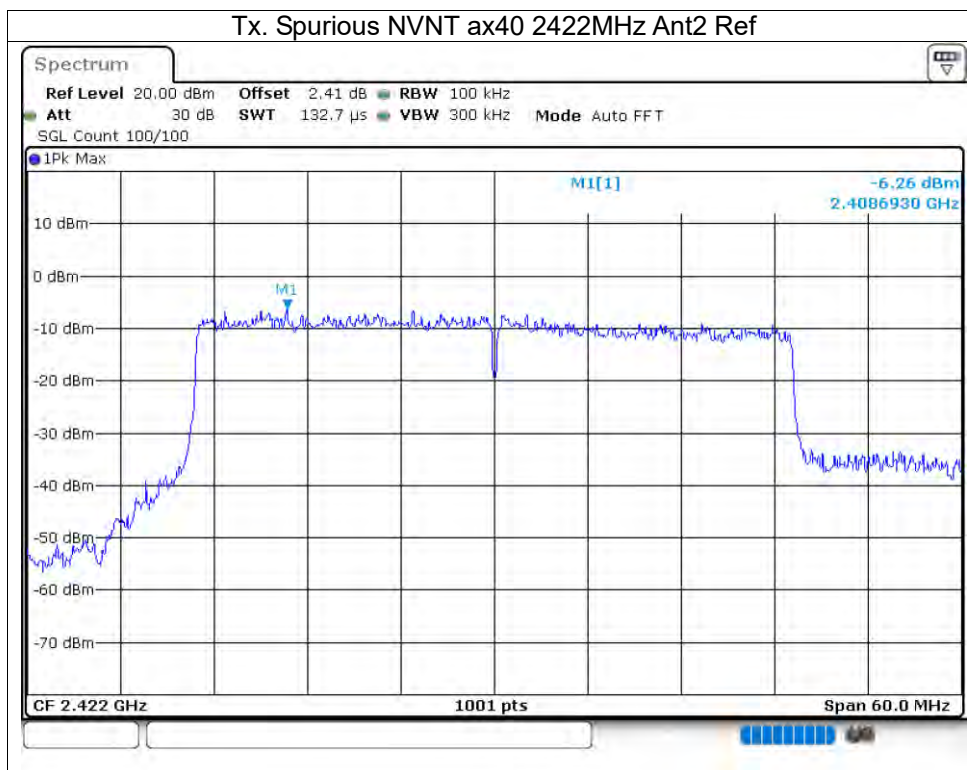
Tx. Spurious NVNT ax20 2462MHz Ant2 Ref

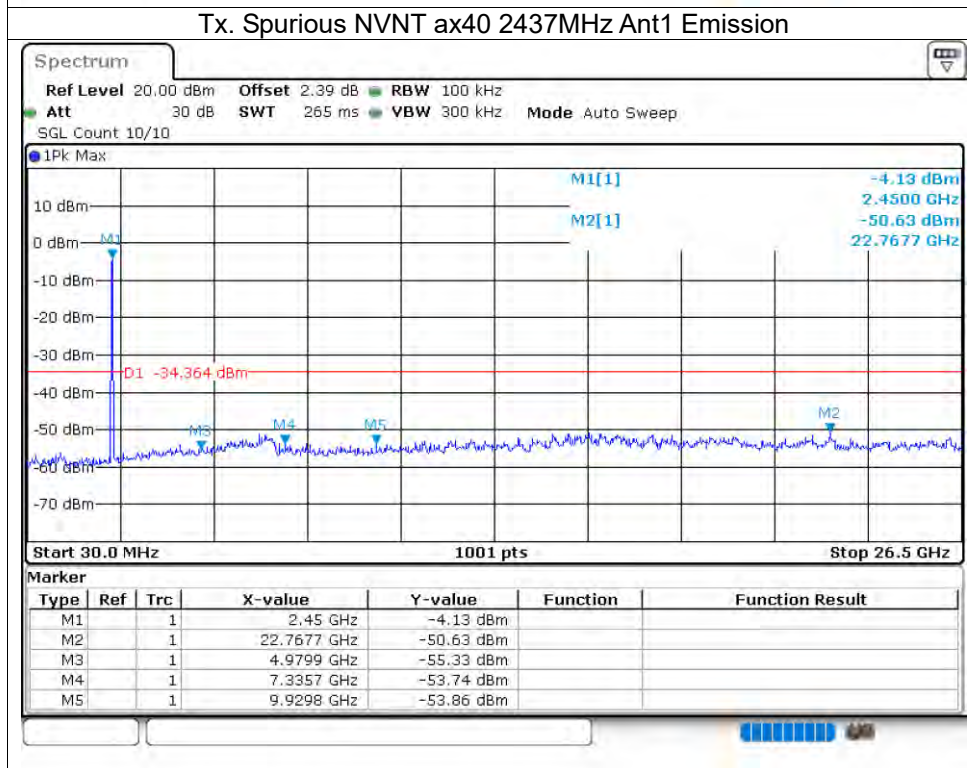
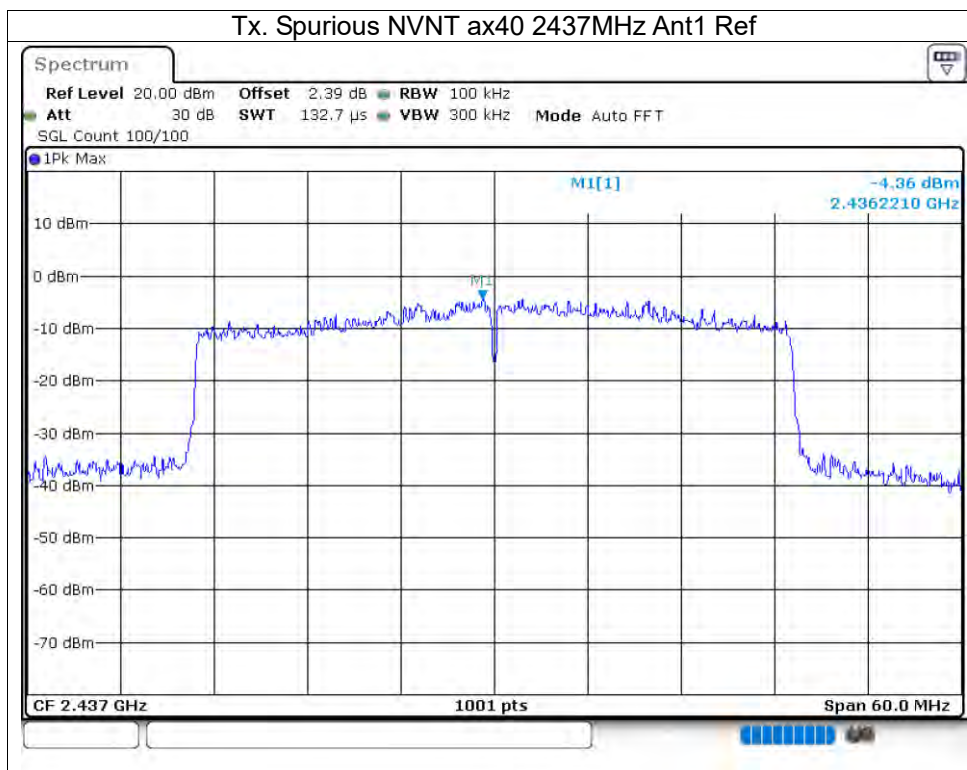


Tx. Spurious NVNT ax20 2462MHz Ant2 Emission

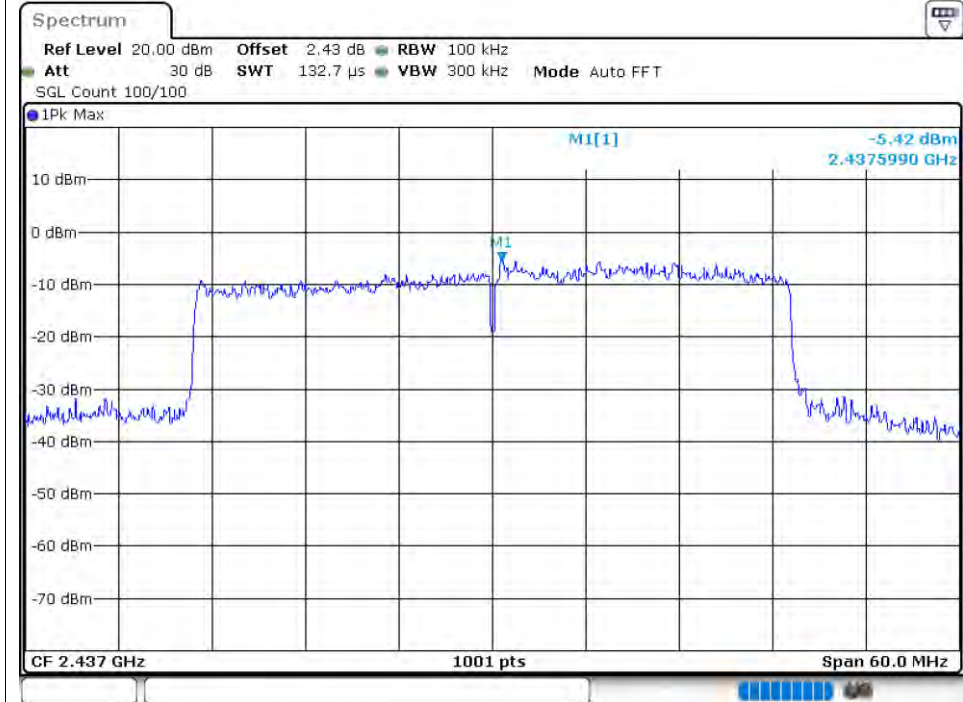




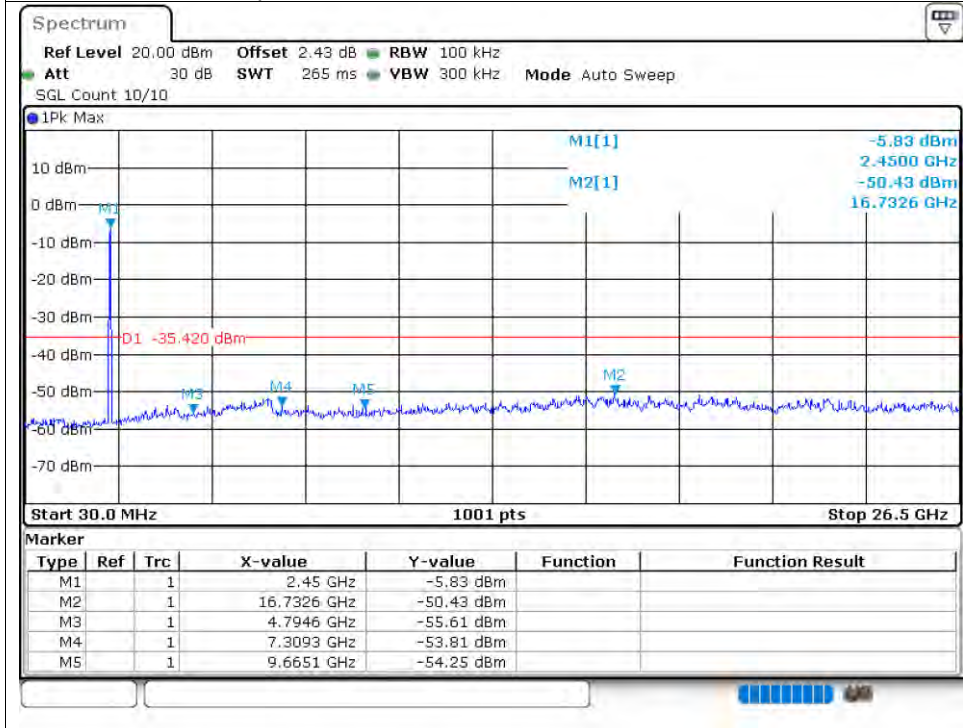


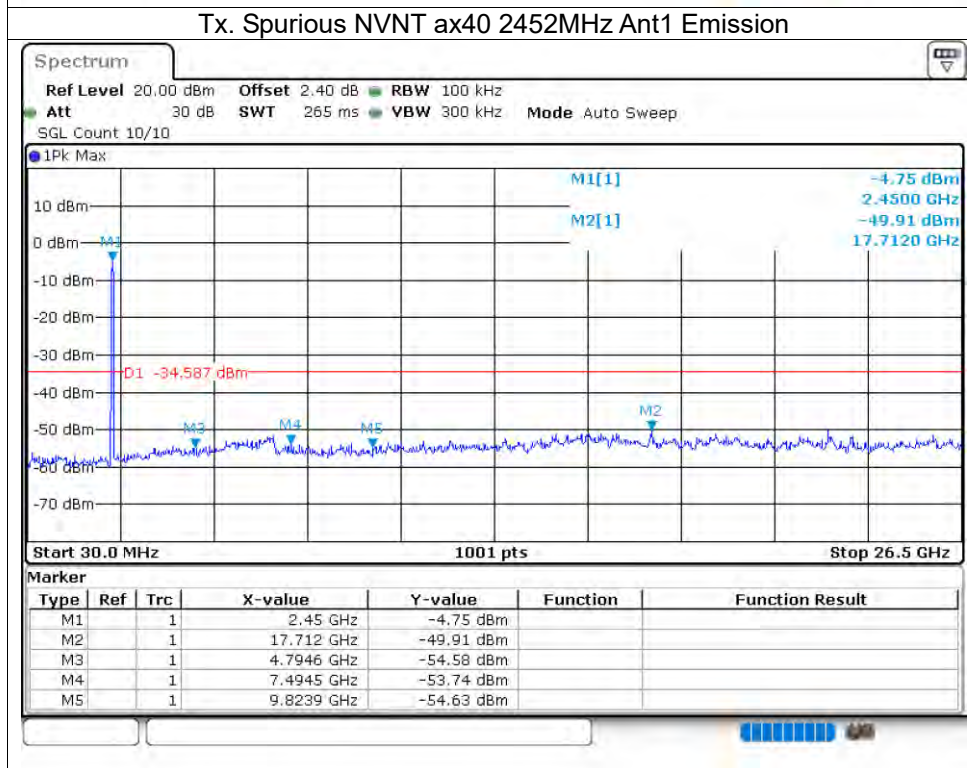
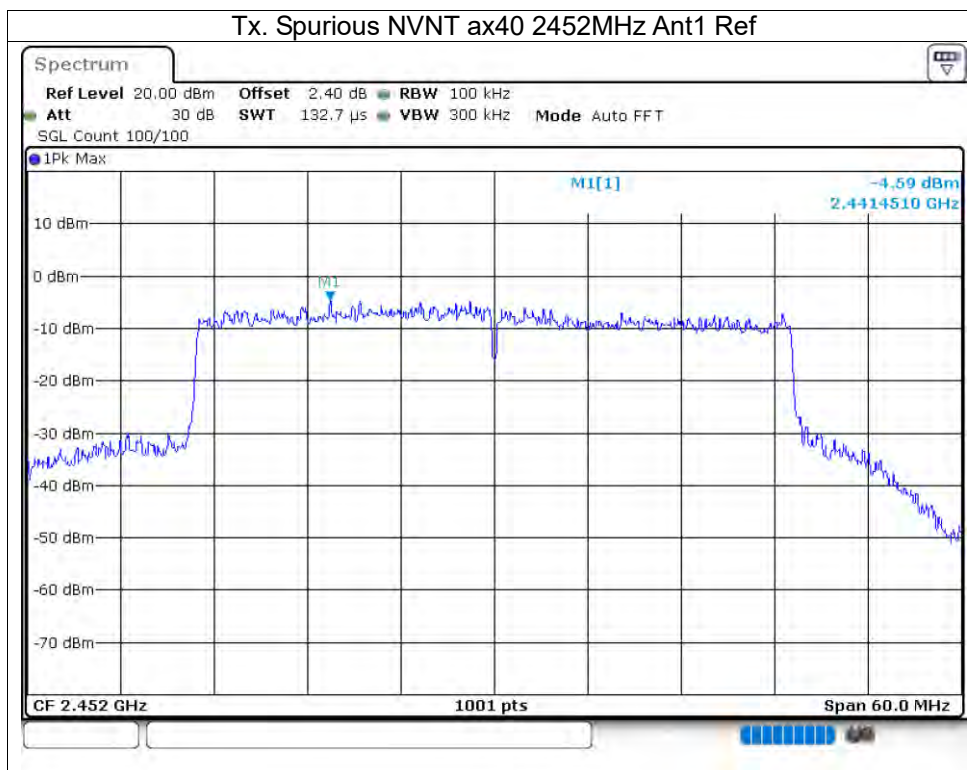


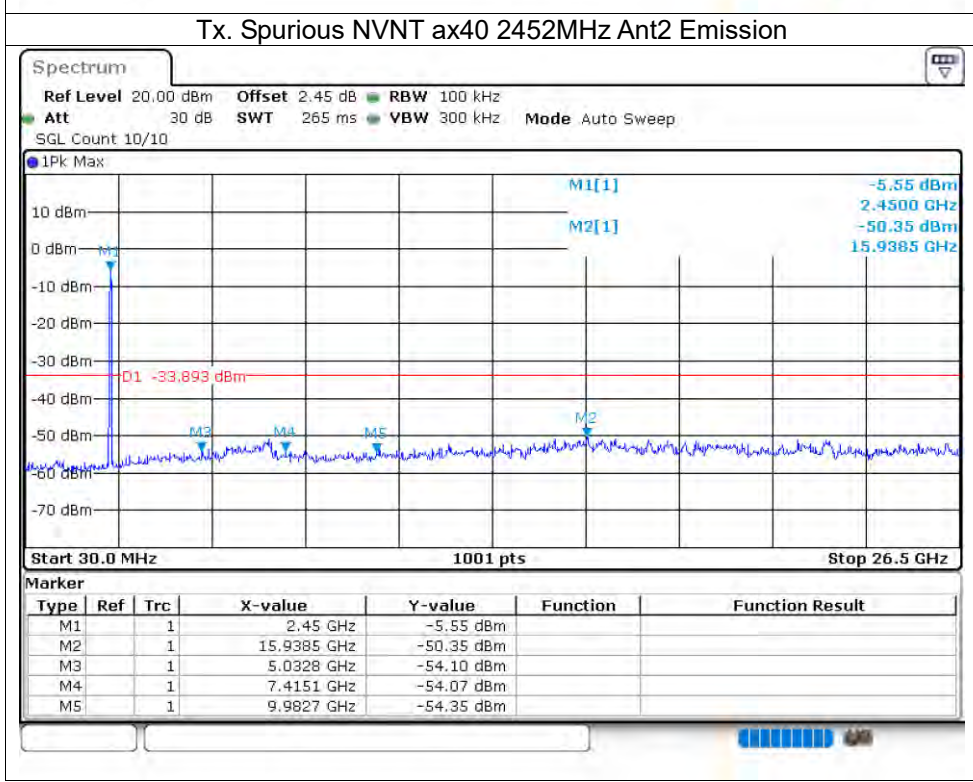
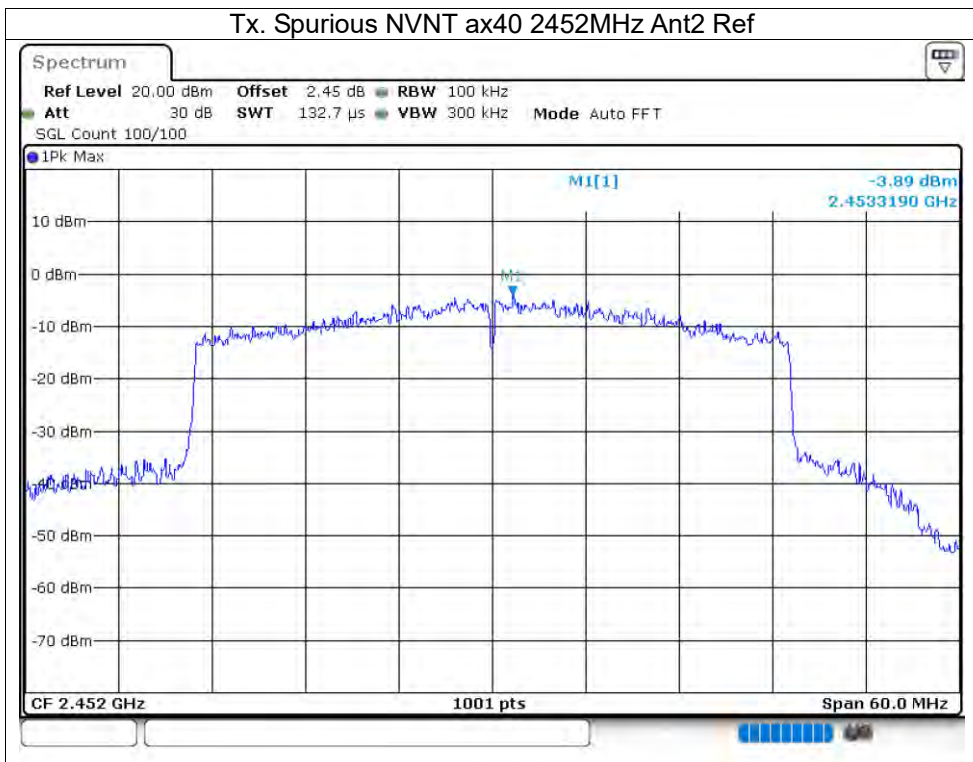
Tx. Spurious NVNT ax40 2437MHz Ant2 Ref



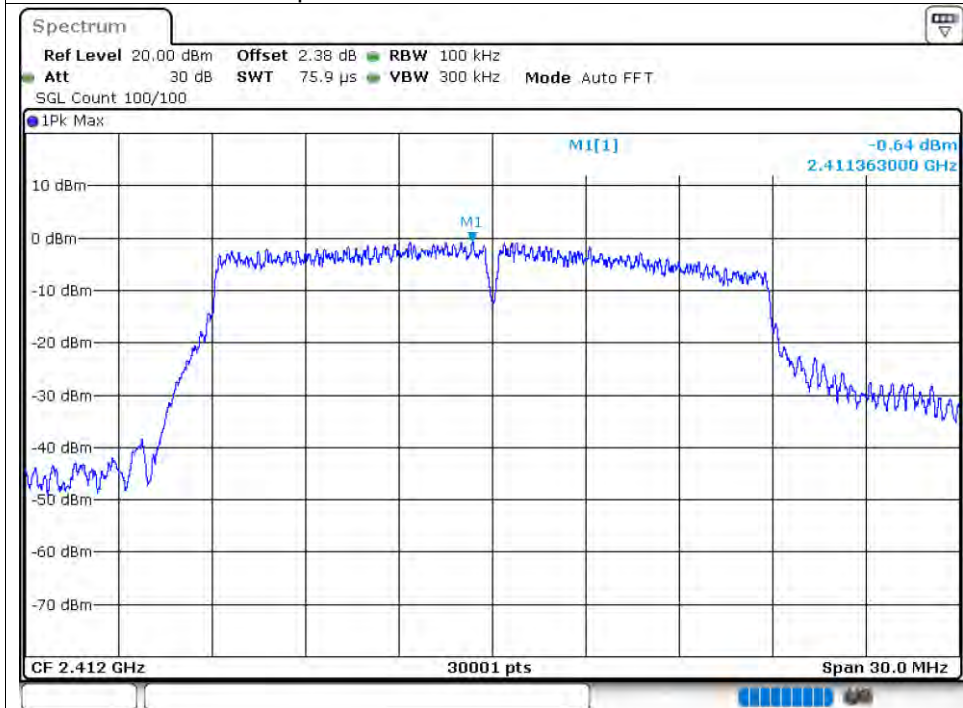
Tx. Spurious NVNT ax40 2437MHz Ant2 Emission



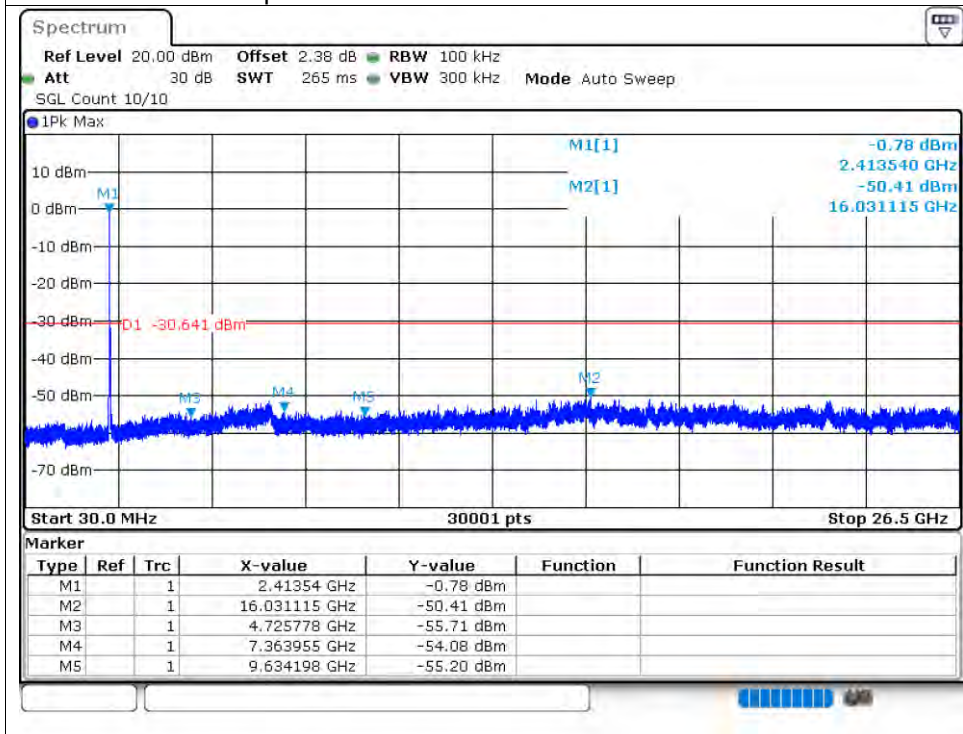


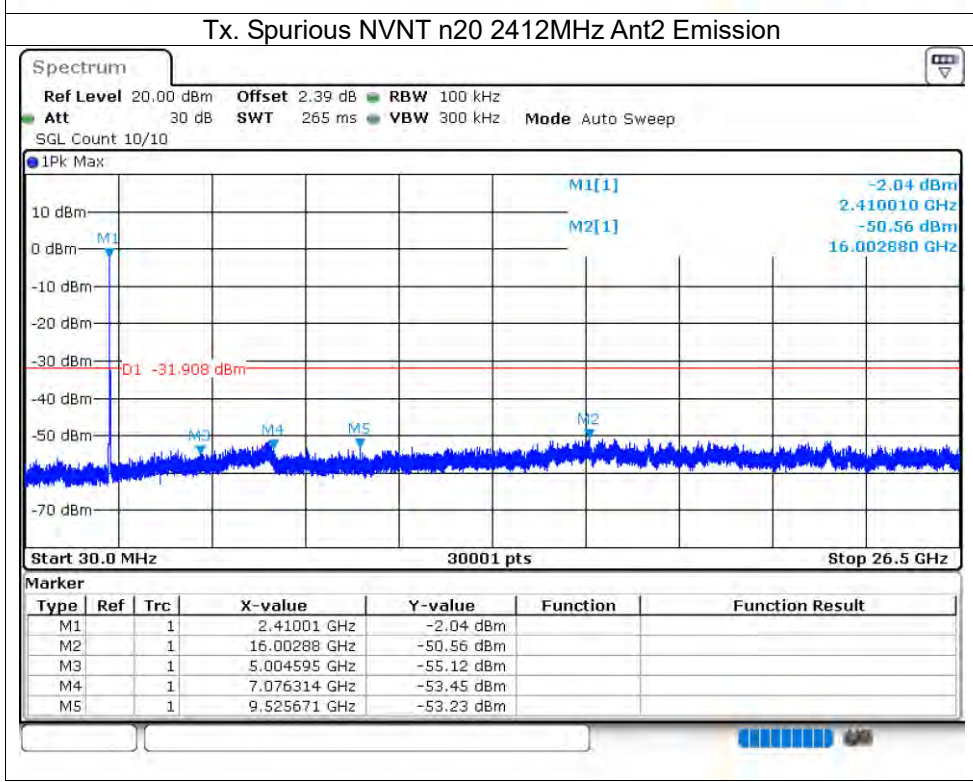
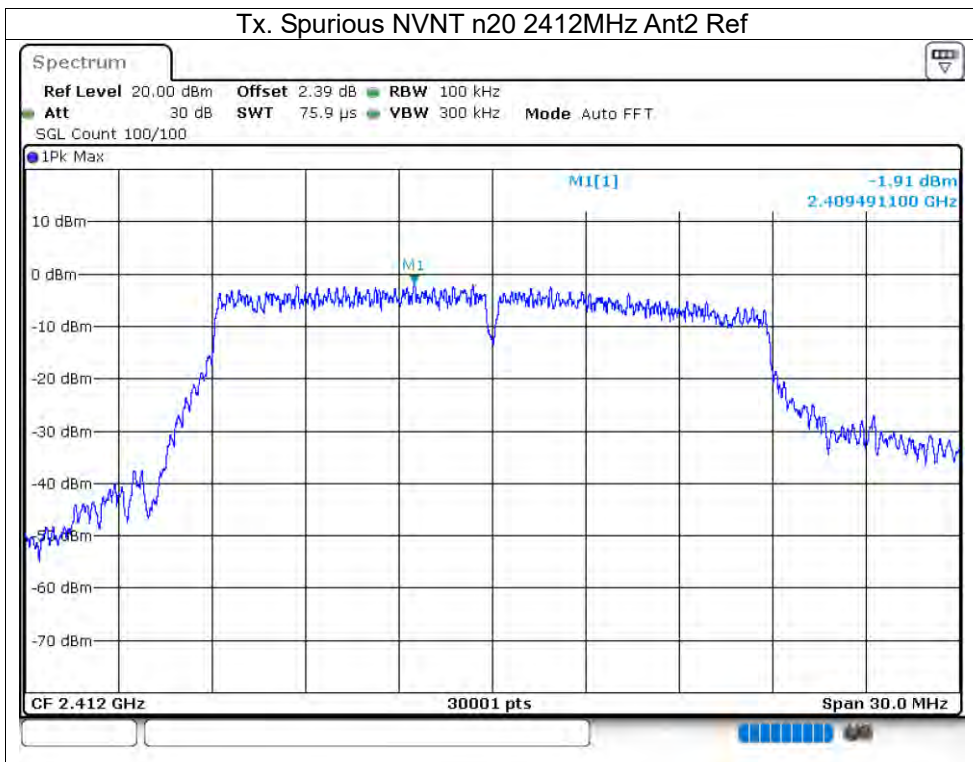


Tx. Spurious NVNT n20 2412MHz Ant1 Ref

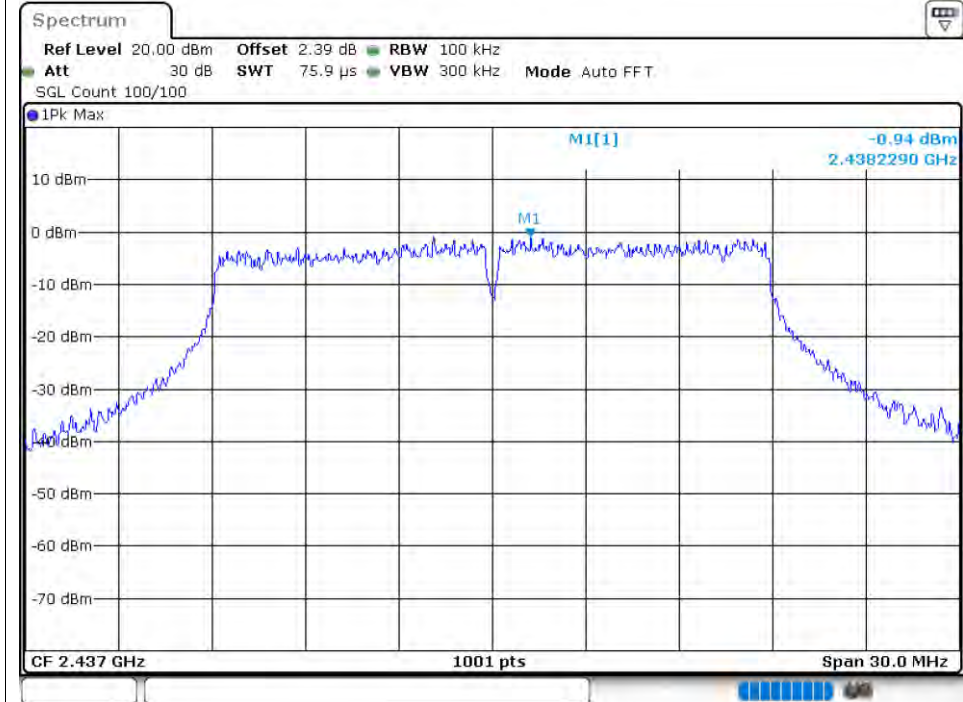


Tx. Spurious NVNT n20 2412MHz Ant1 Emission

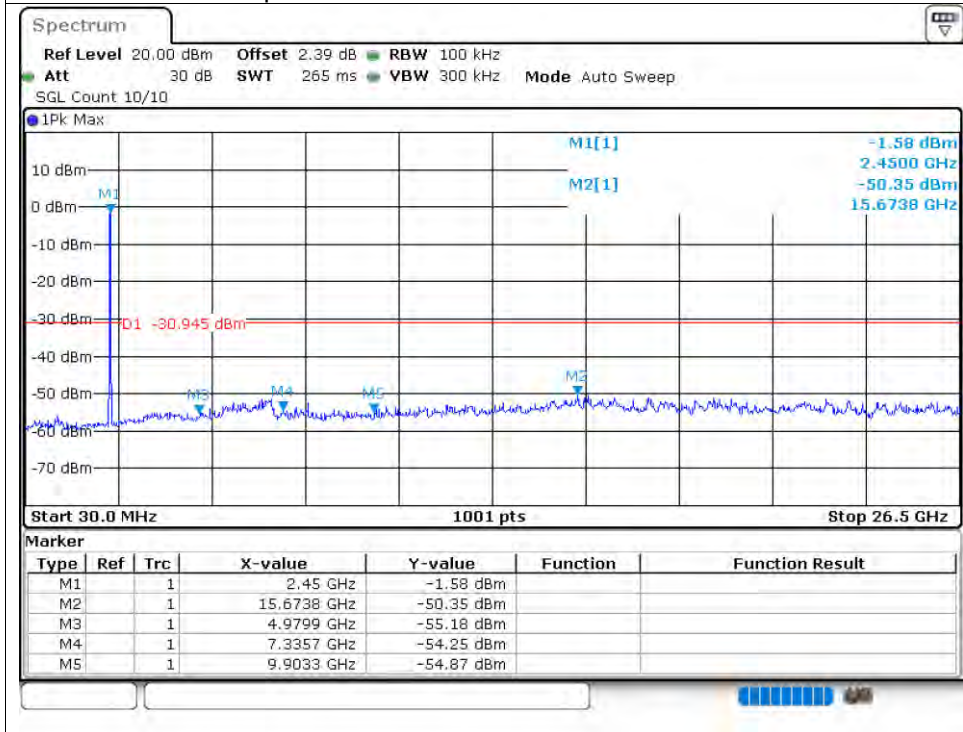




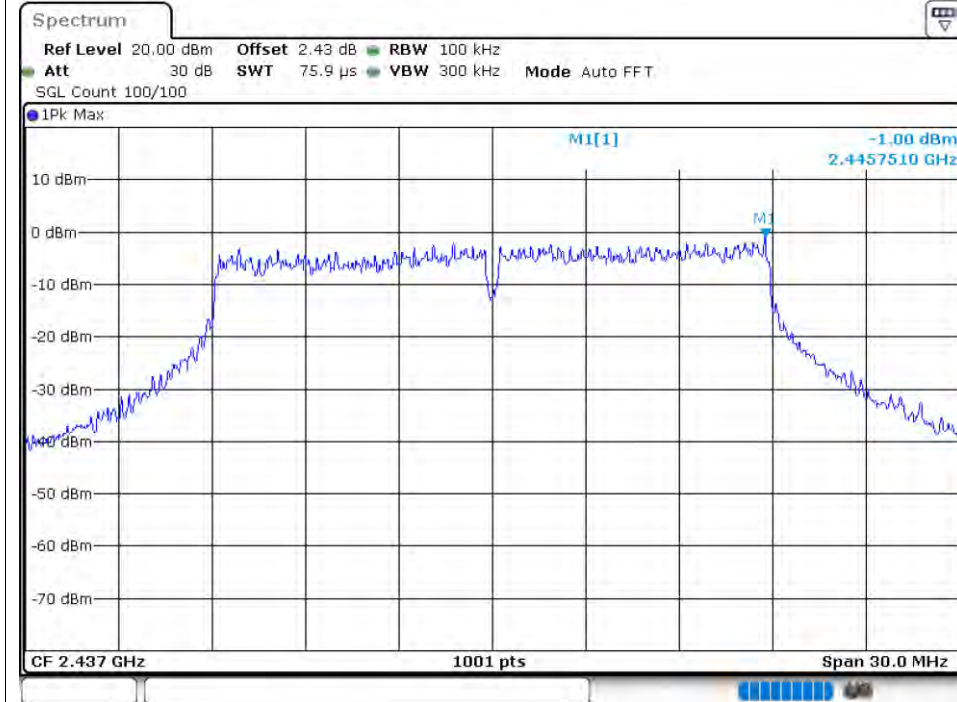
Tx. Spurious NVNT n20 2437MHz Ant1 Ref



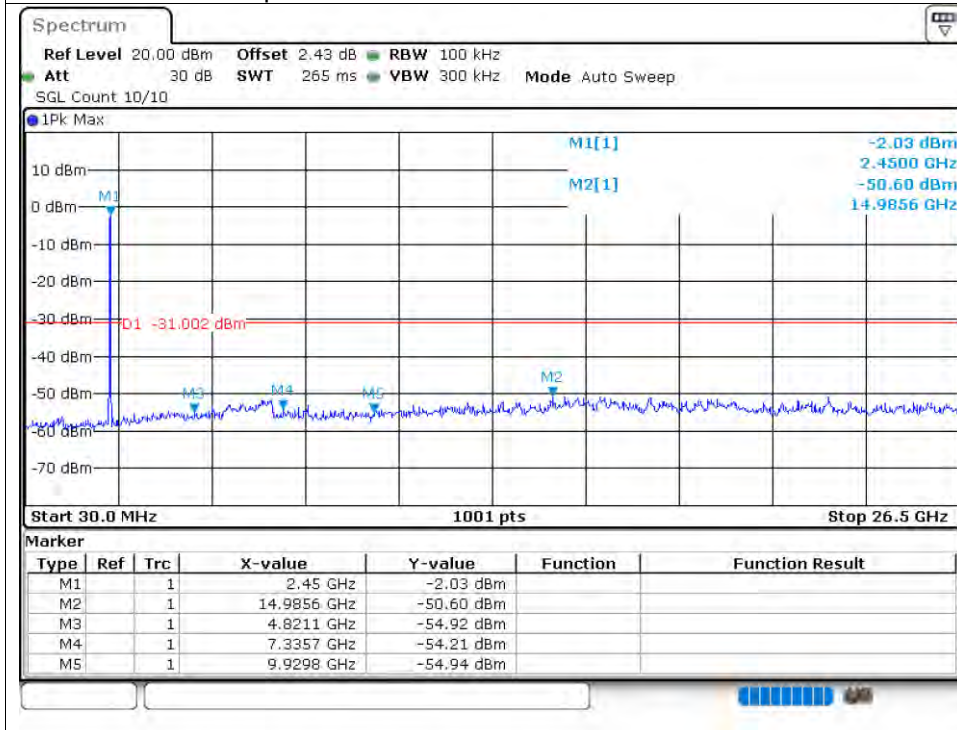
Tx. Spurious NVNT n20 2437MHz Ant1 Emission



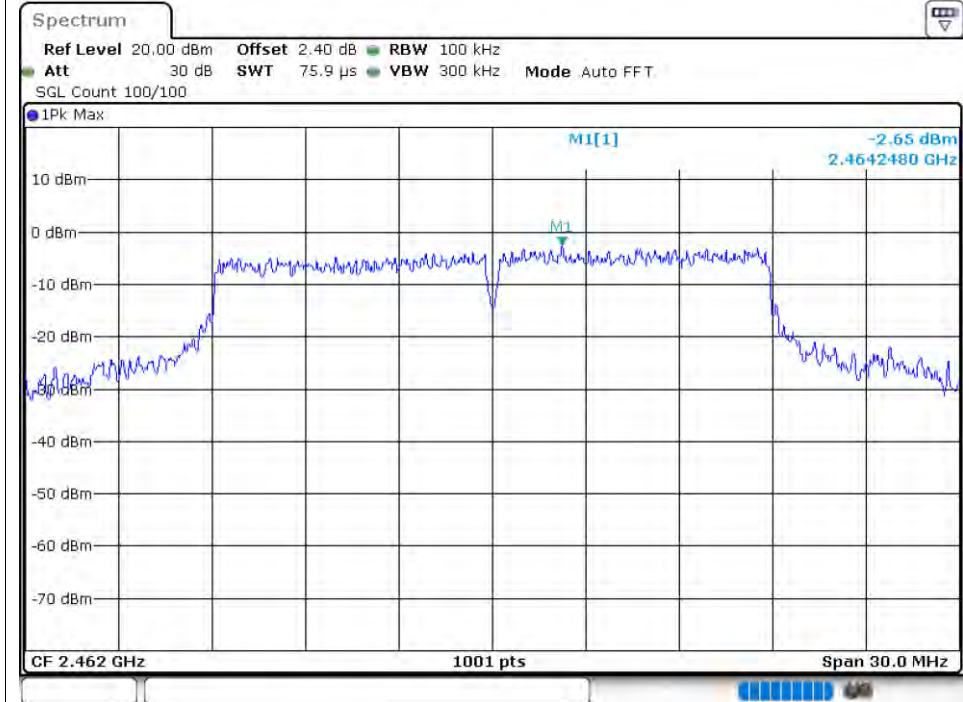
Tx. Spurious NVNT n20 2437MHz Ant2 Ref



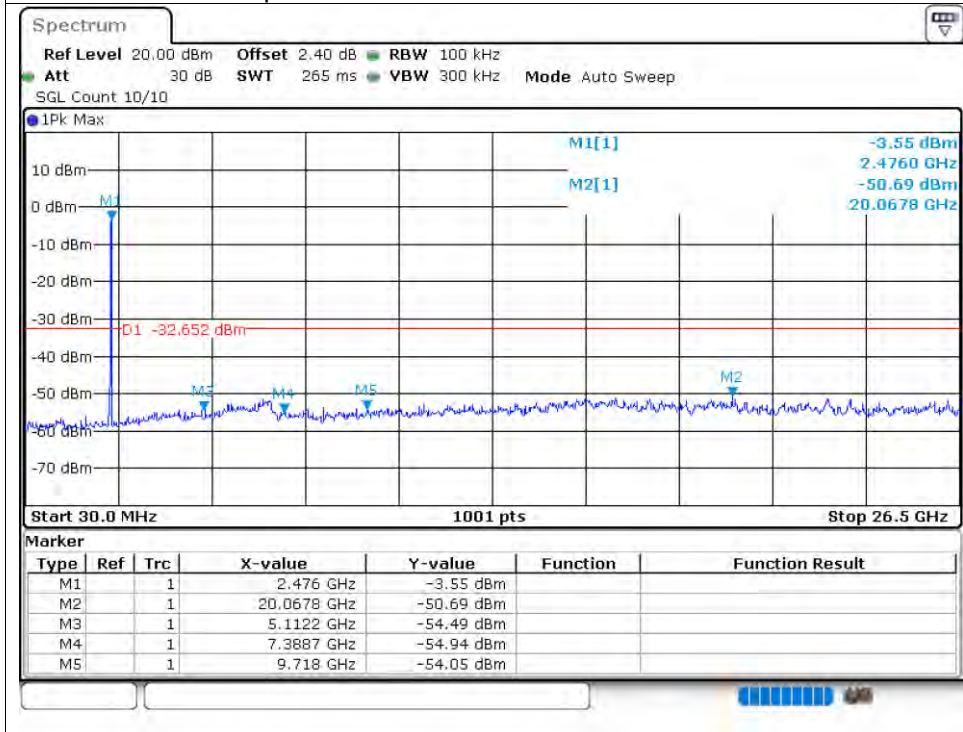
Tx. Spurious NVNT n20 2437MHz Ant2 Emission

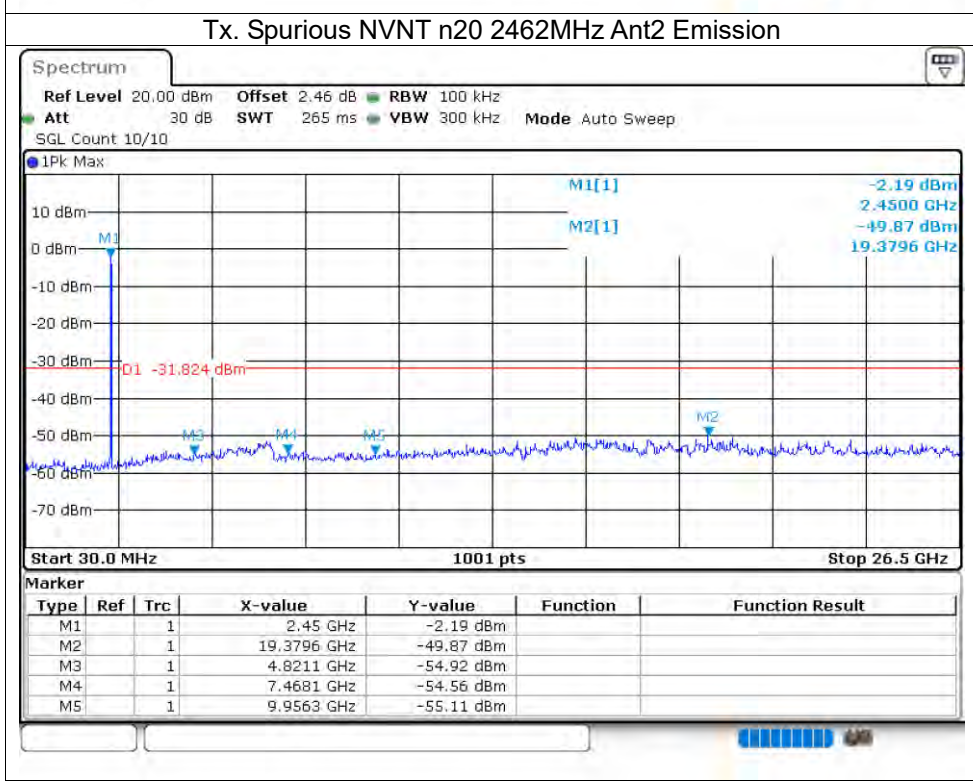
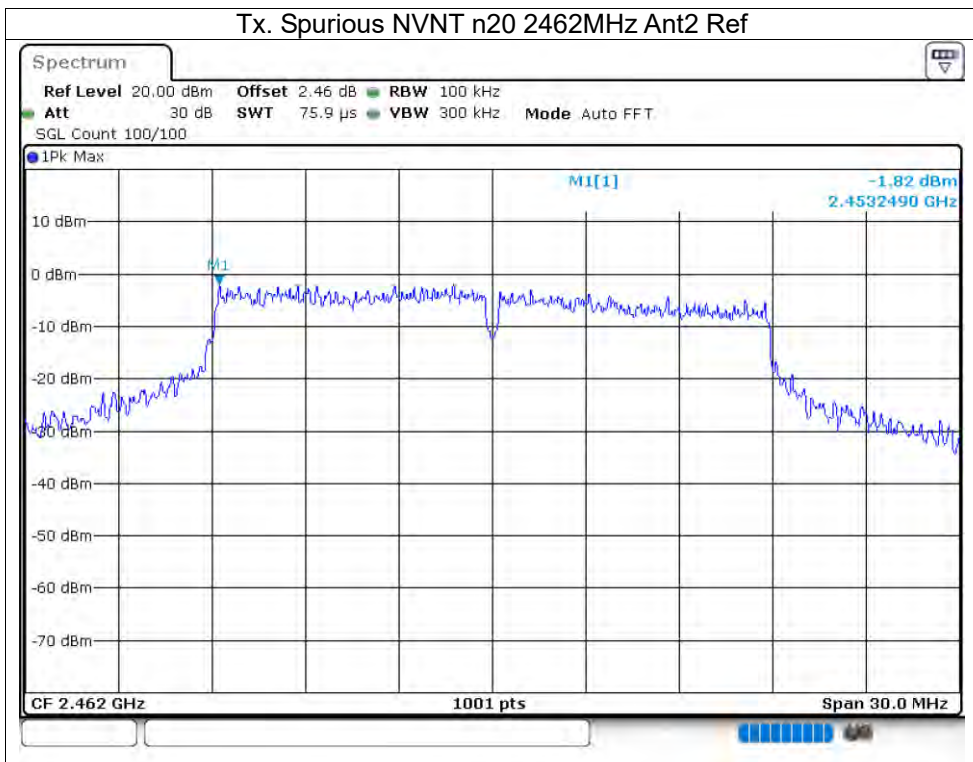


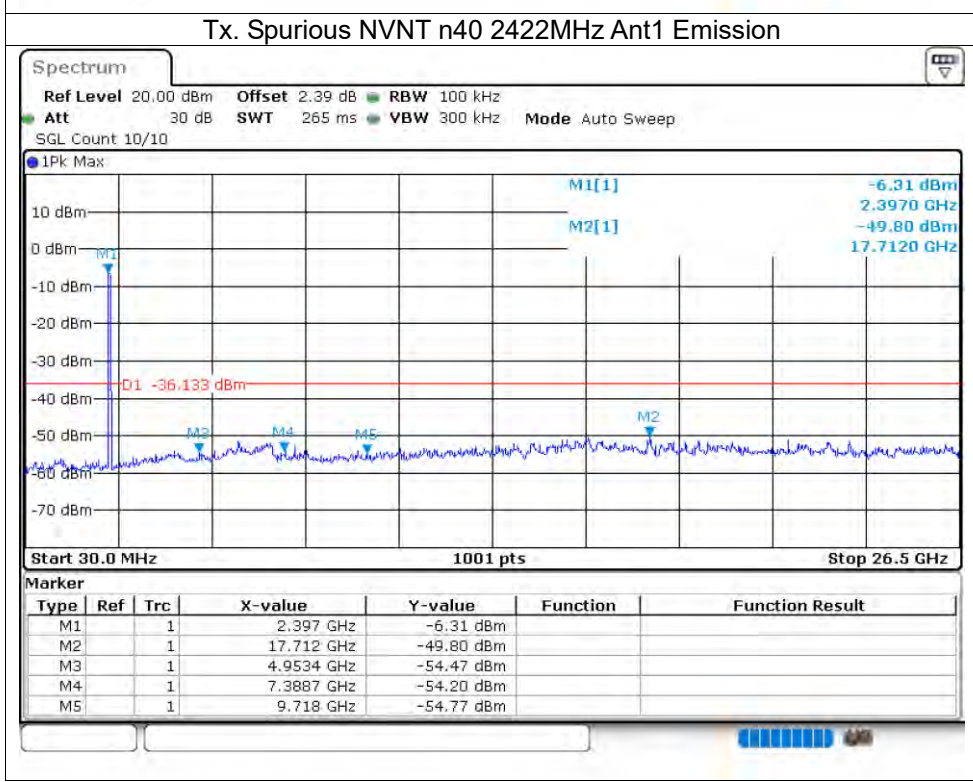
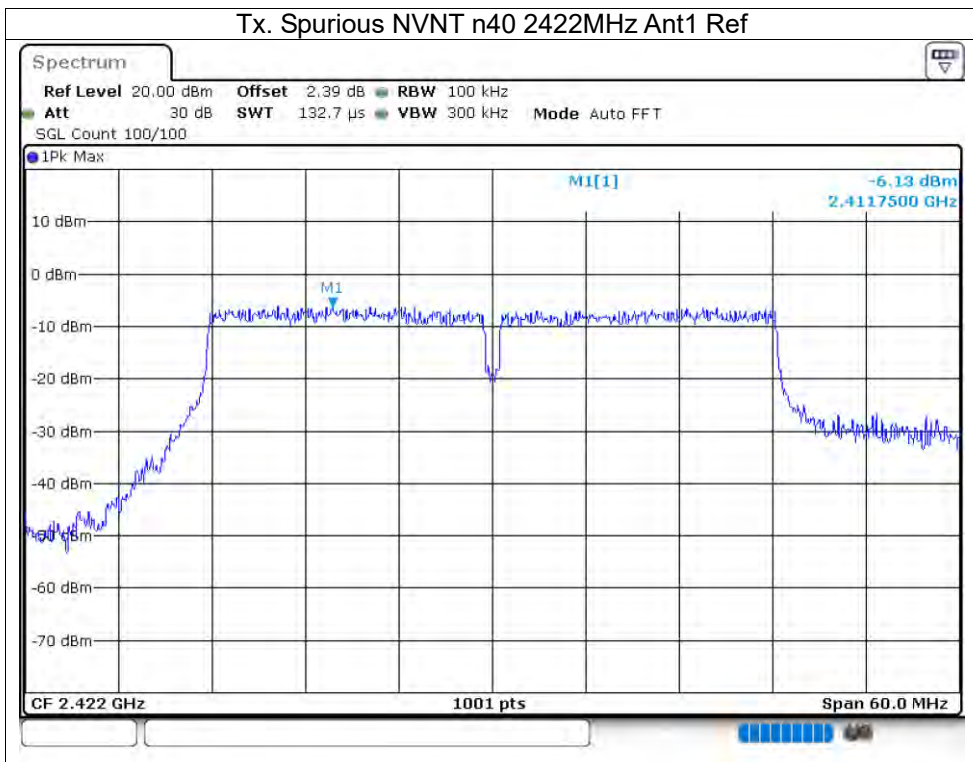
Tx. Spurious NVNT n20 2462MHz Ant1 Ref

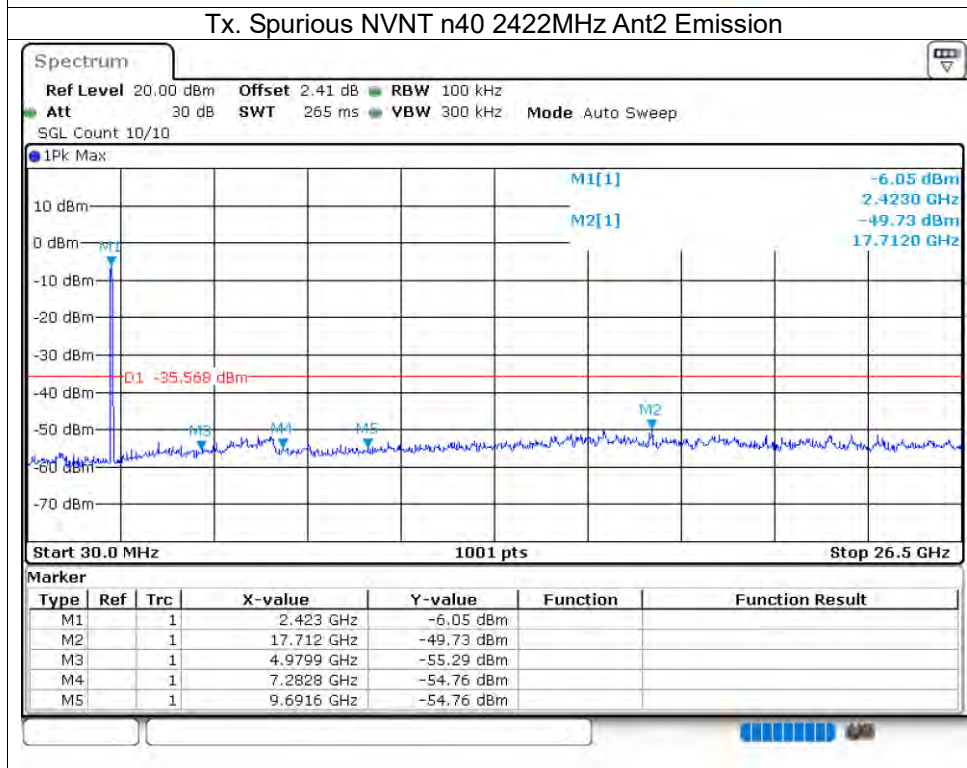
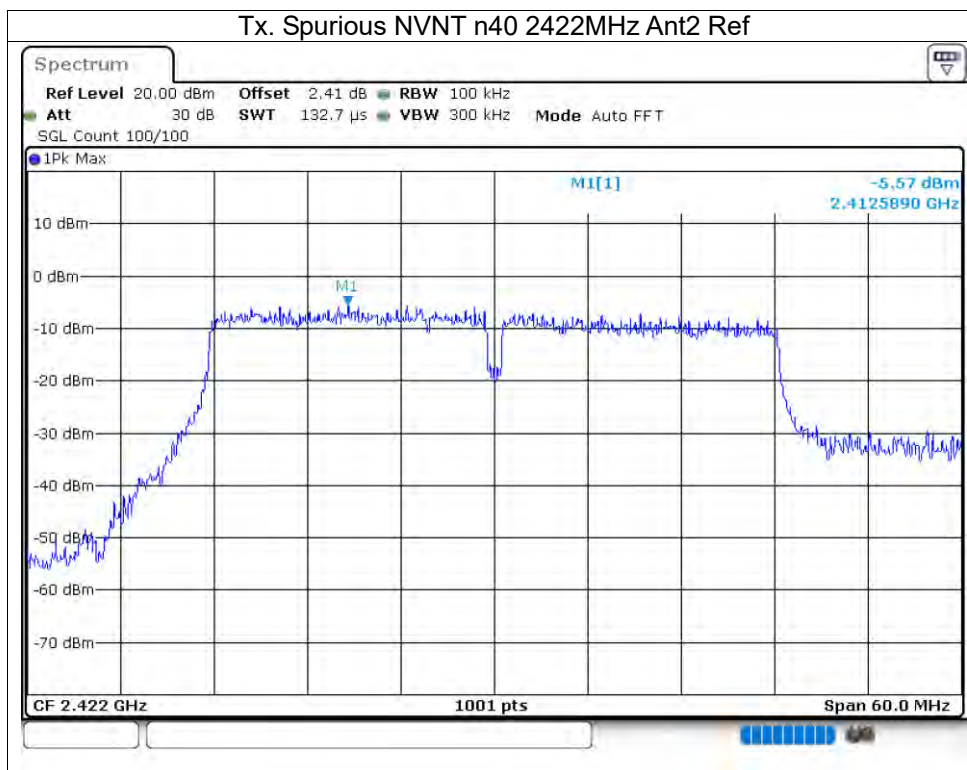


Tx. Spurious NVNT n20 2462MHz Ant1 Emission

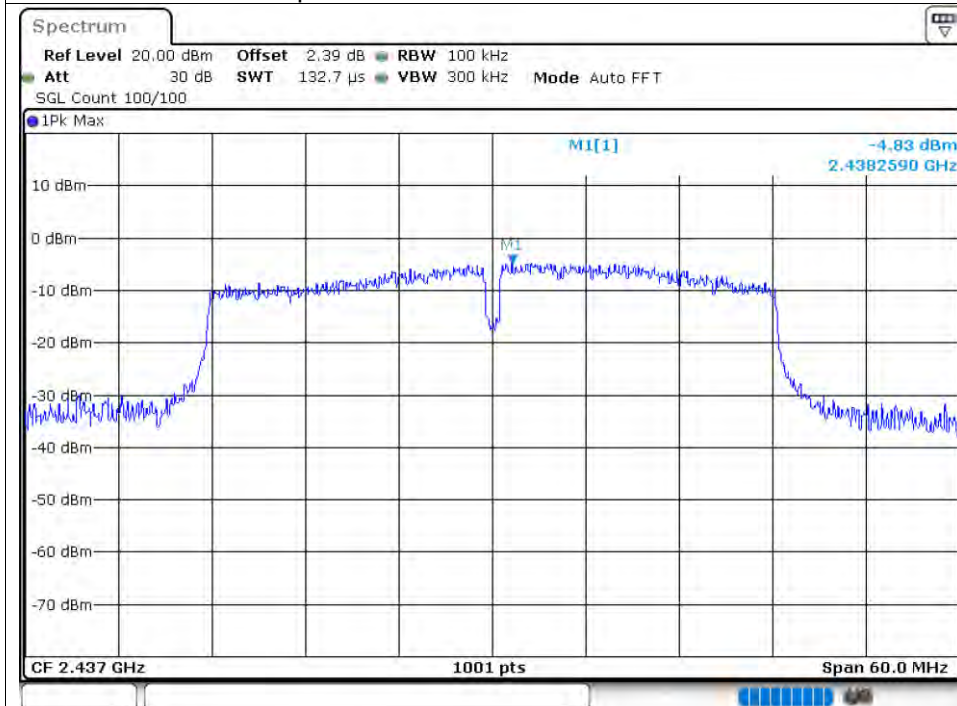








Tx. Spurious NVNT n40 2437MHz Ant1 Ref



Tx. Spurious NVNT n40 2437MHz Ant1 Emission

