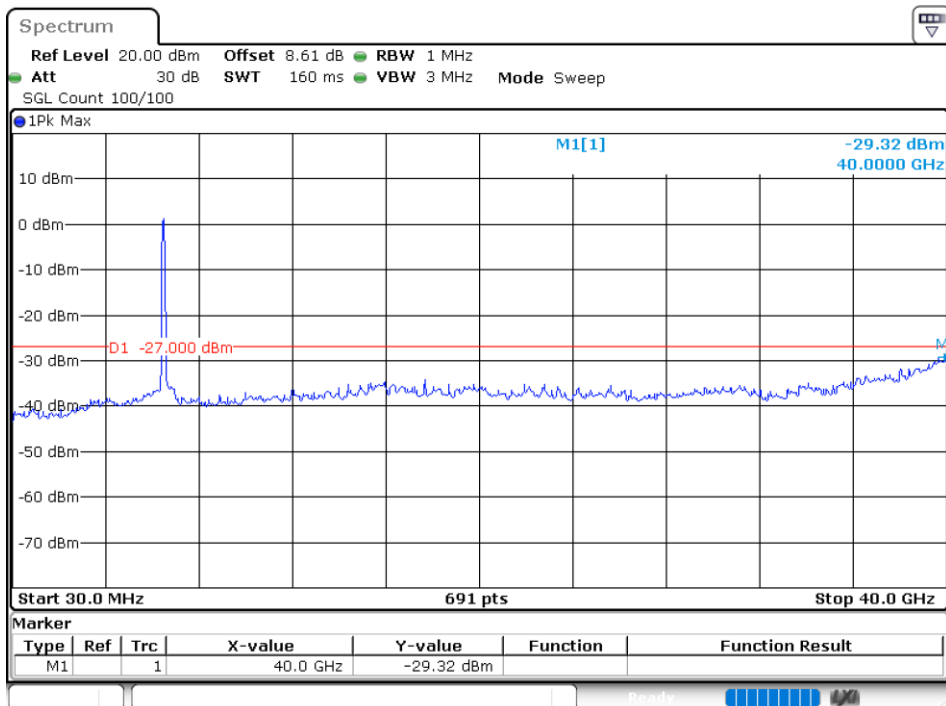
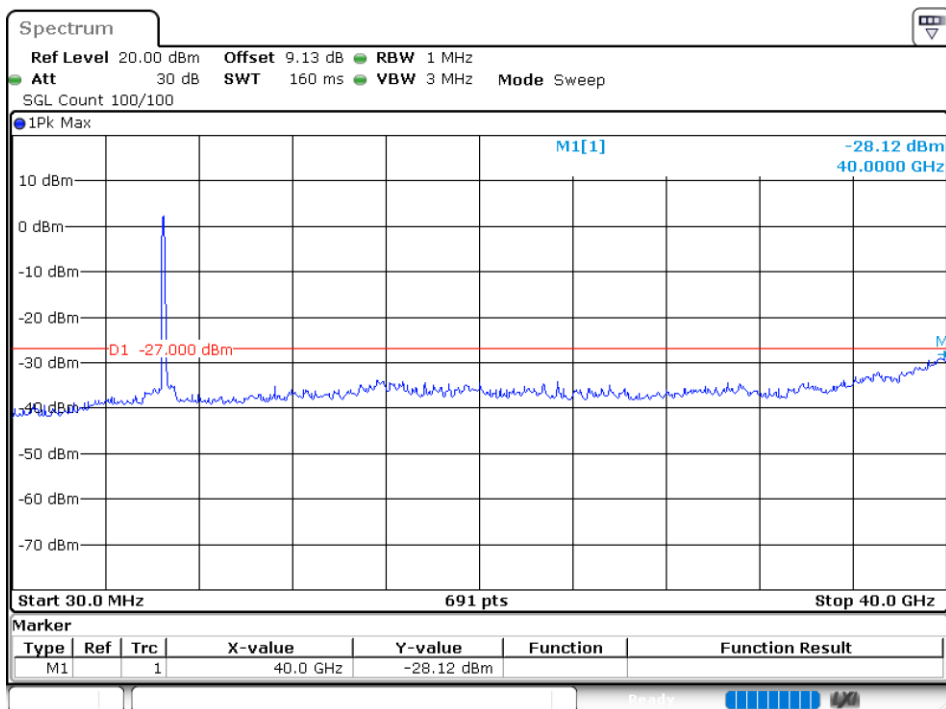


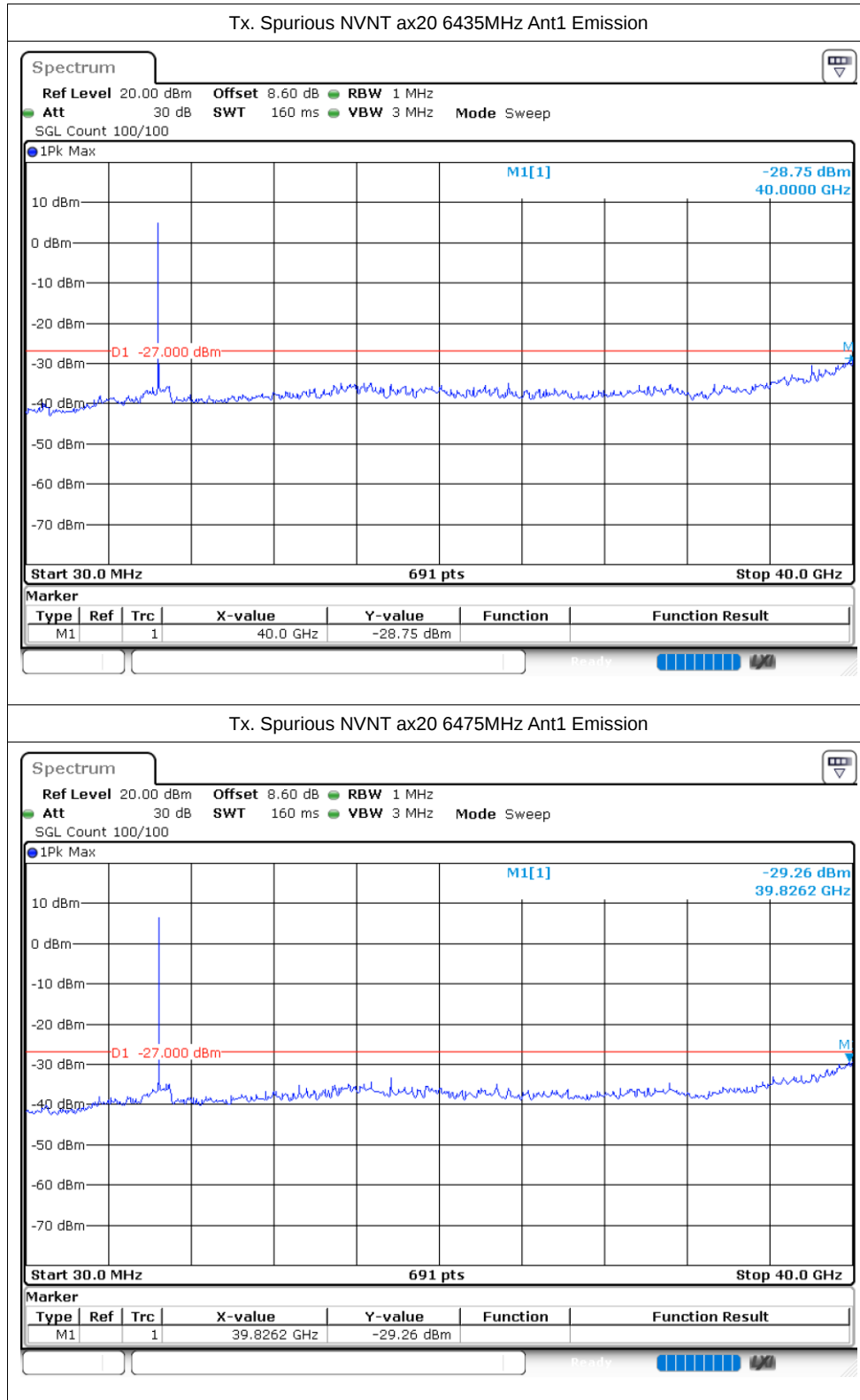
Test Graphs

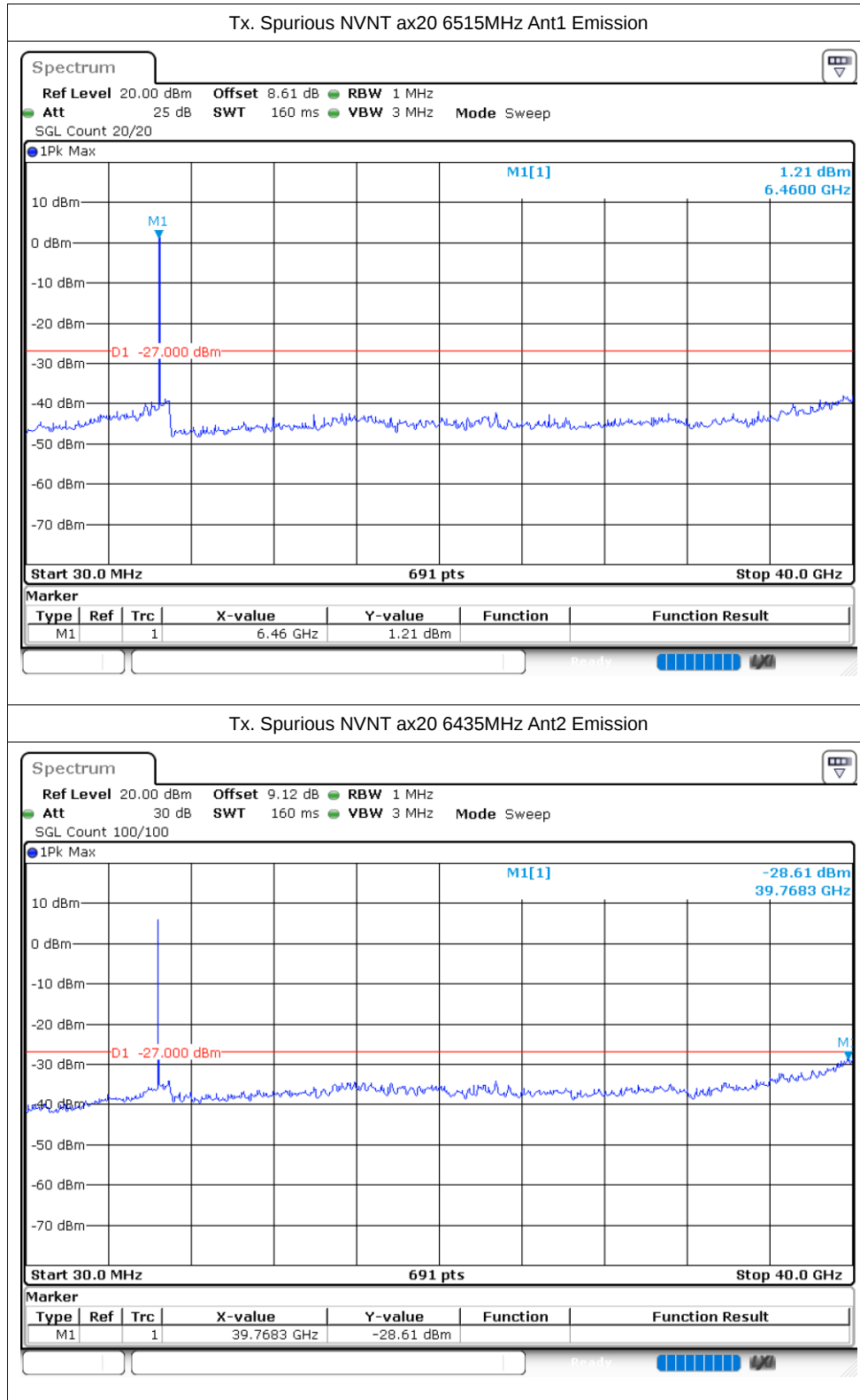
Tx. Spurious NVNT ax160 6505MHz Ant1 Emission

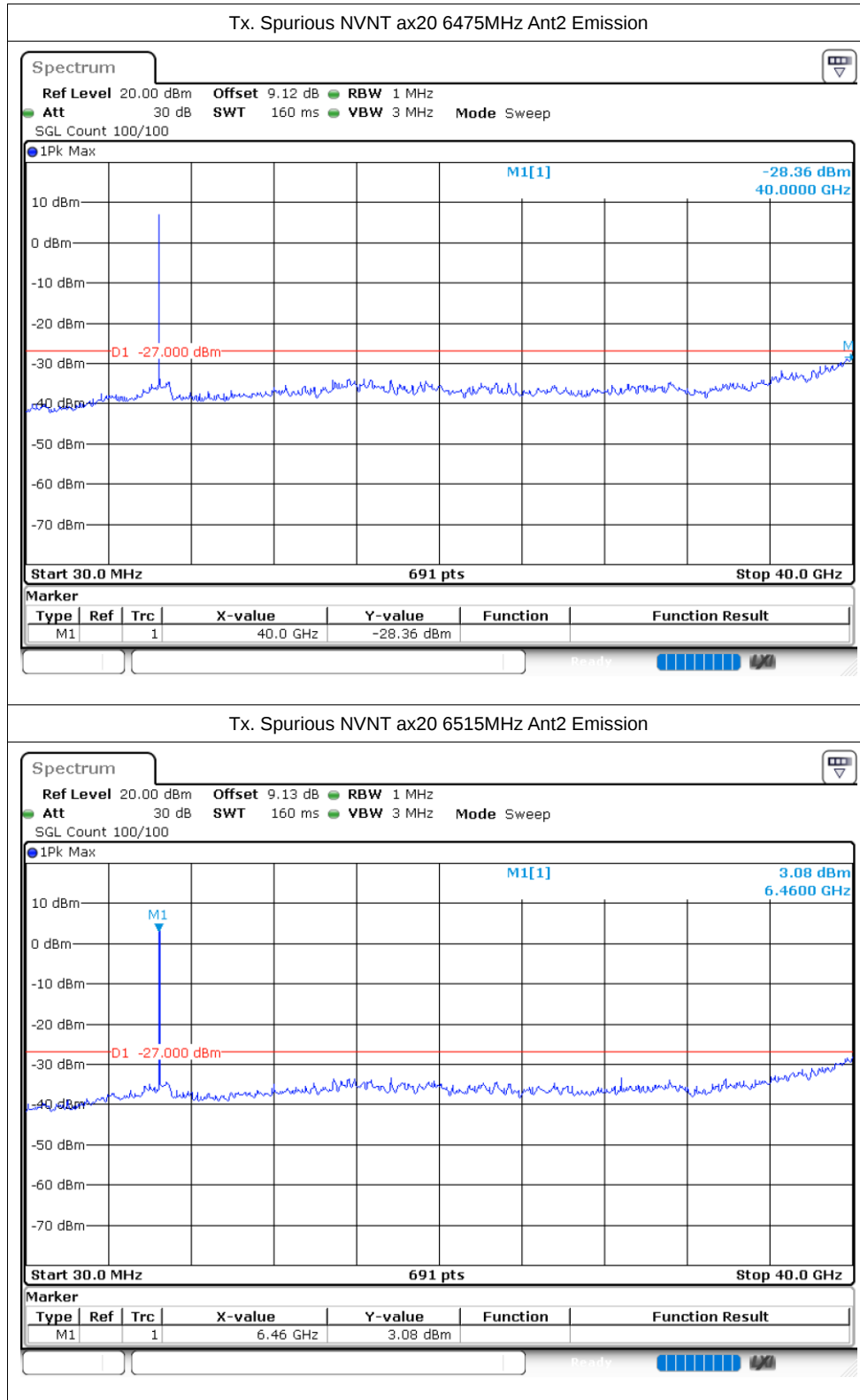


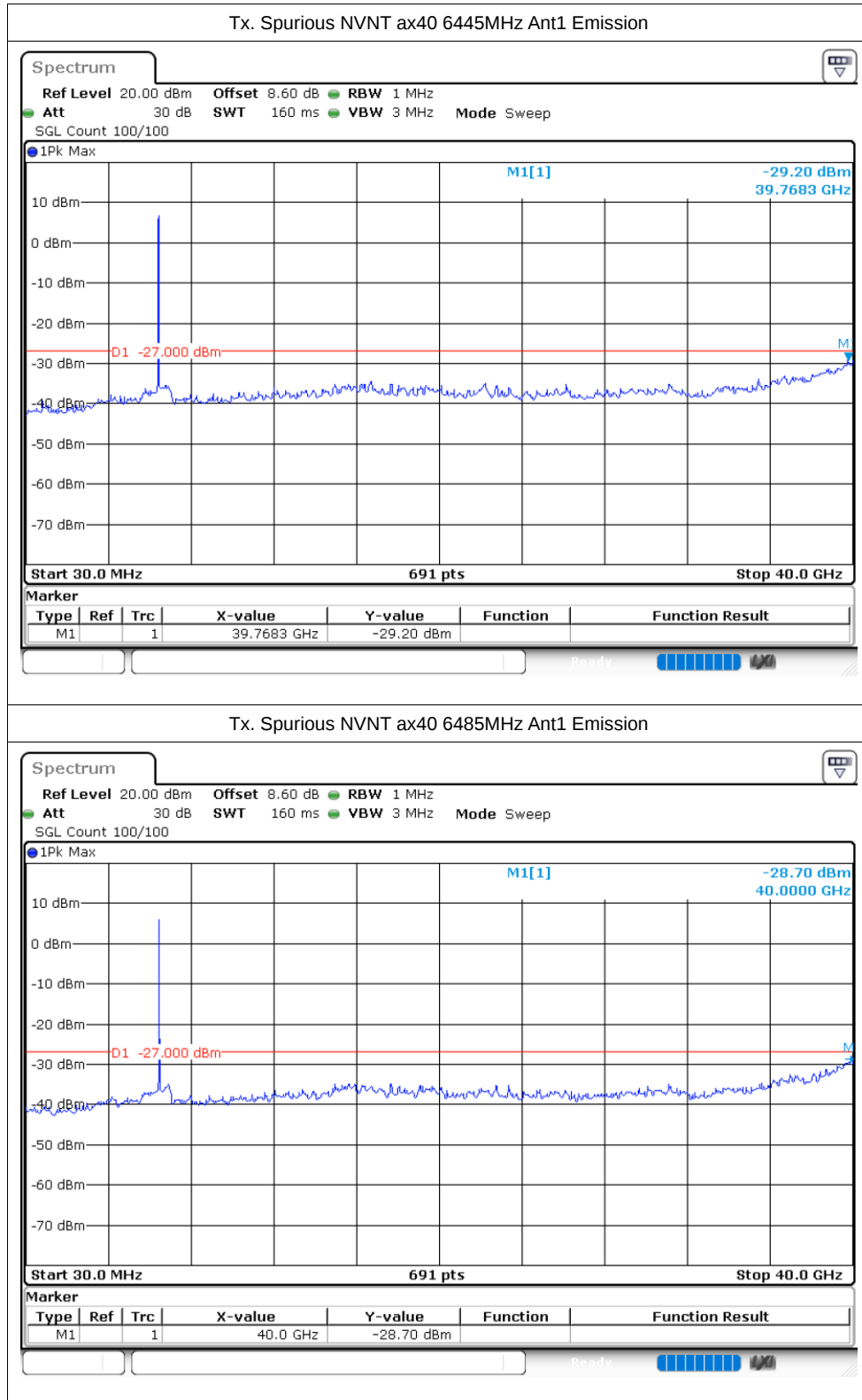
Tx. Spurious NVNT ax160 6505MHz Ant2 Emission

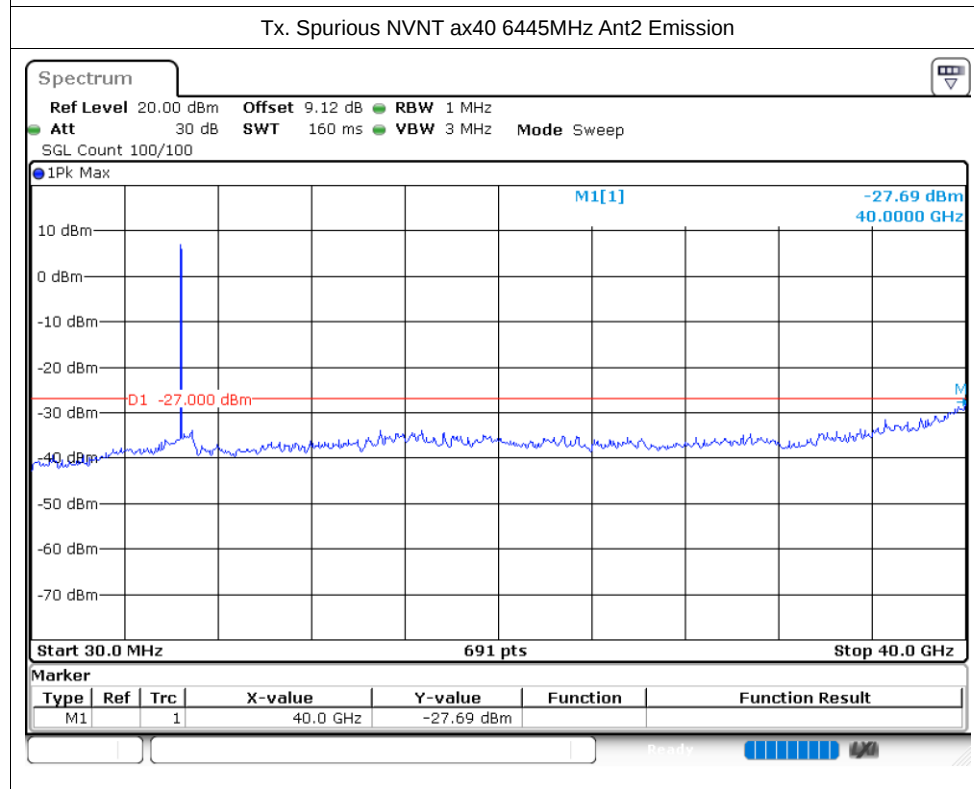
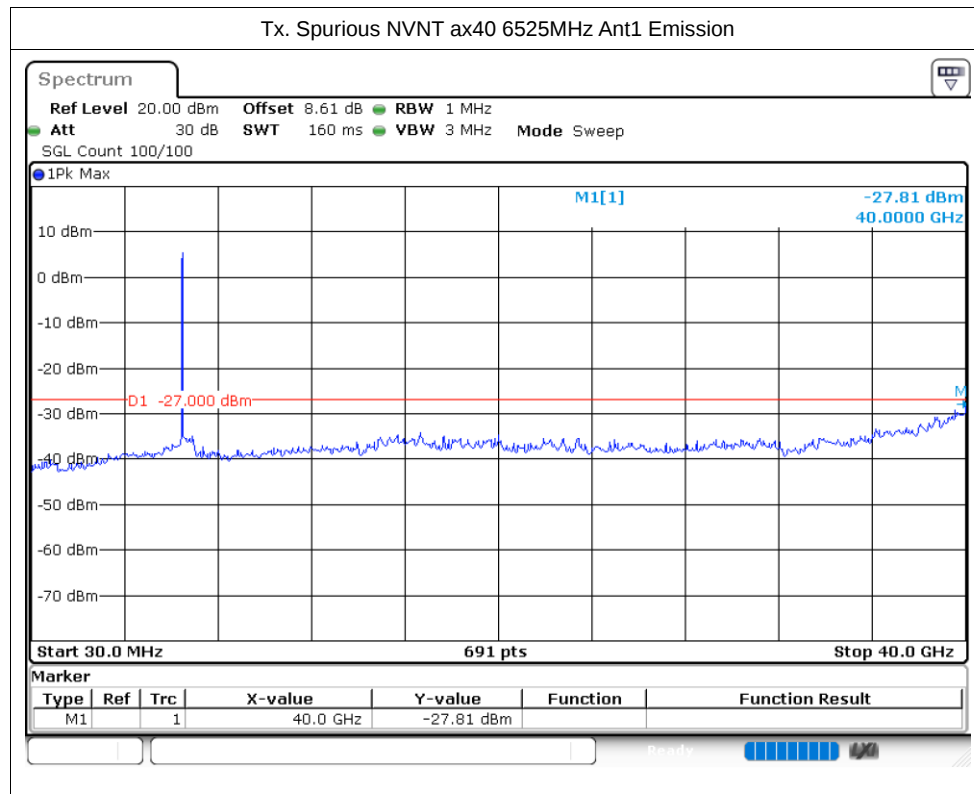


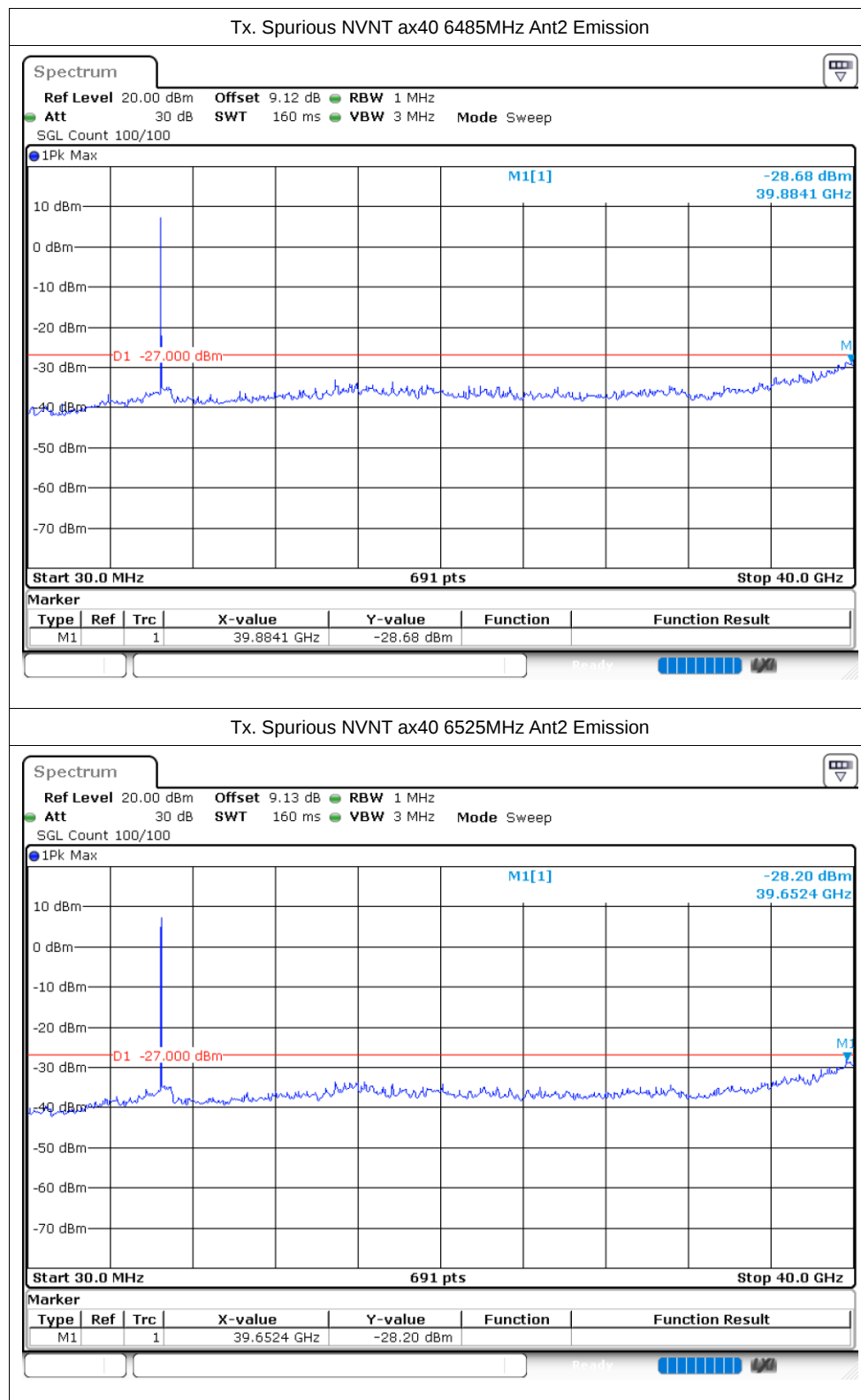


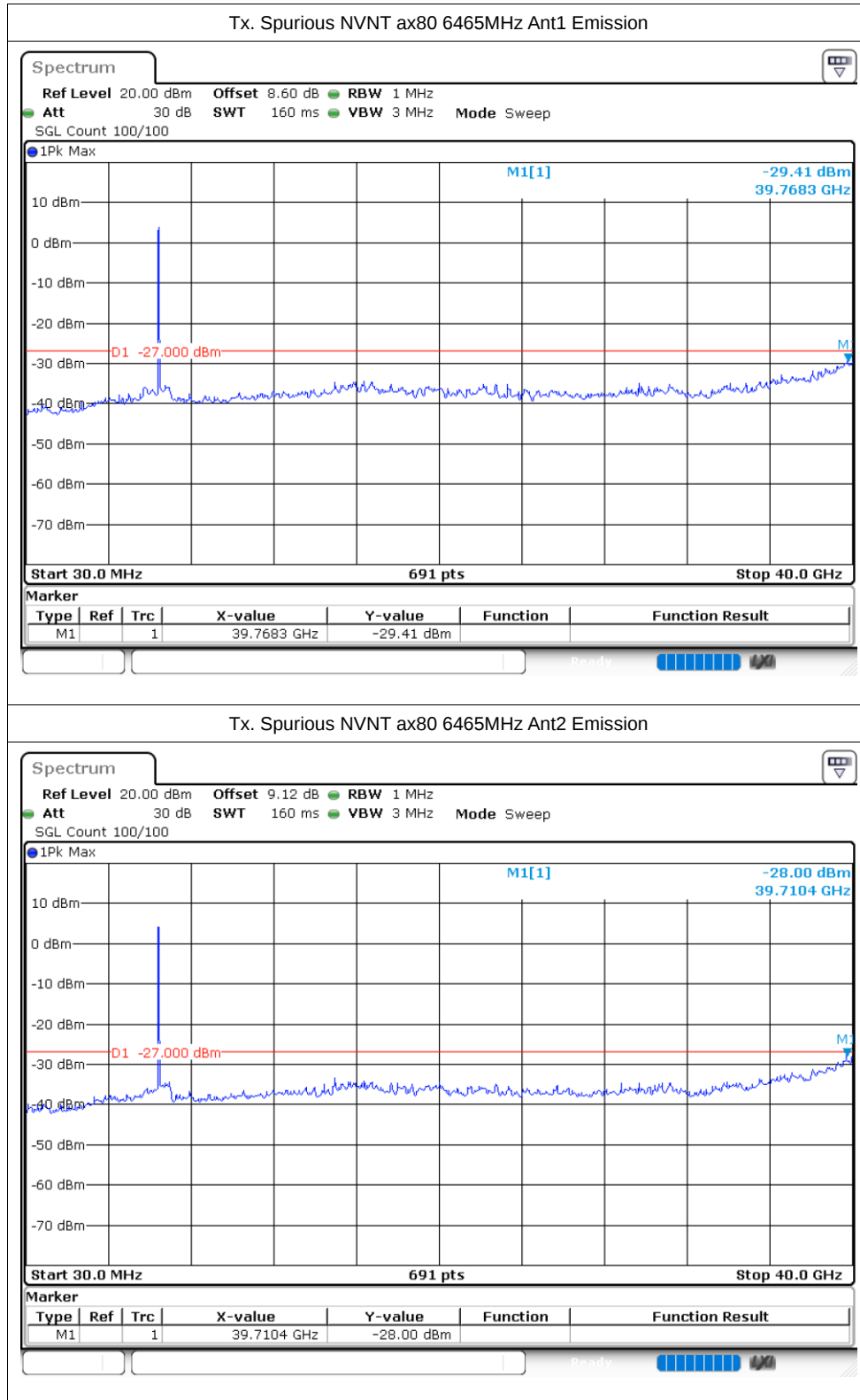










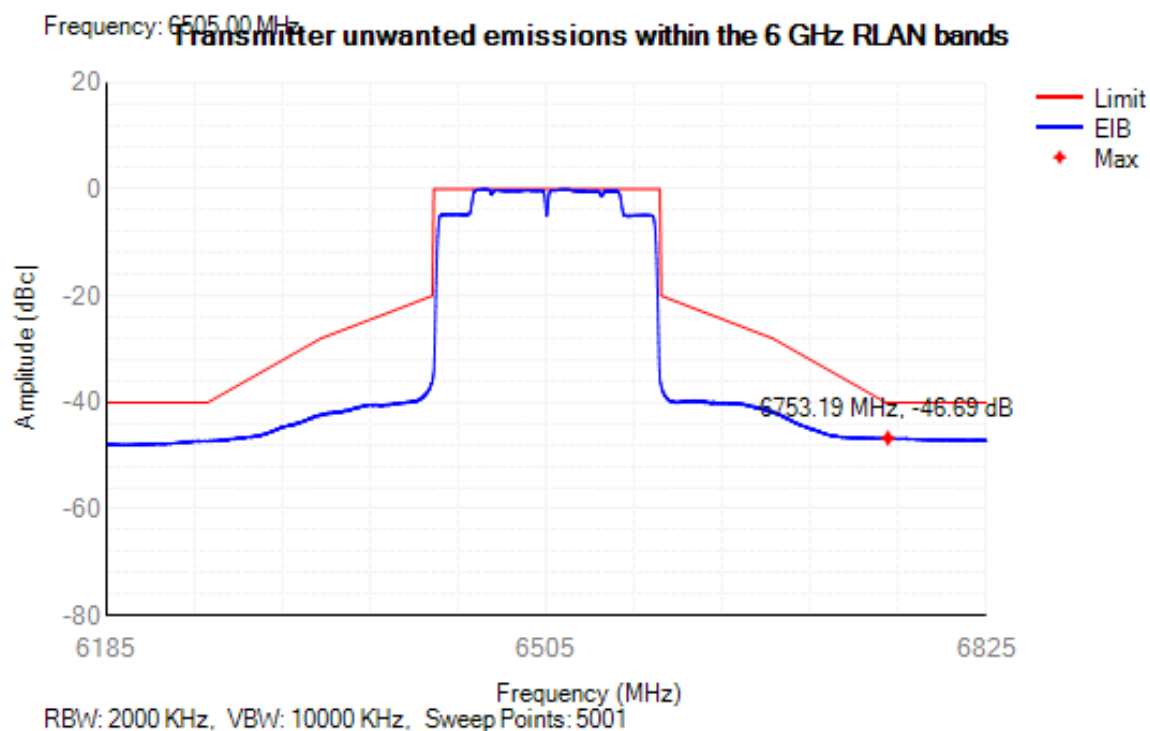


Power spectral mask

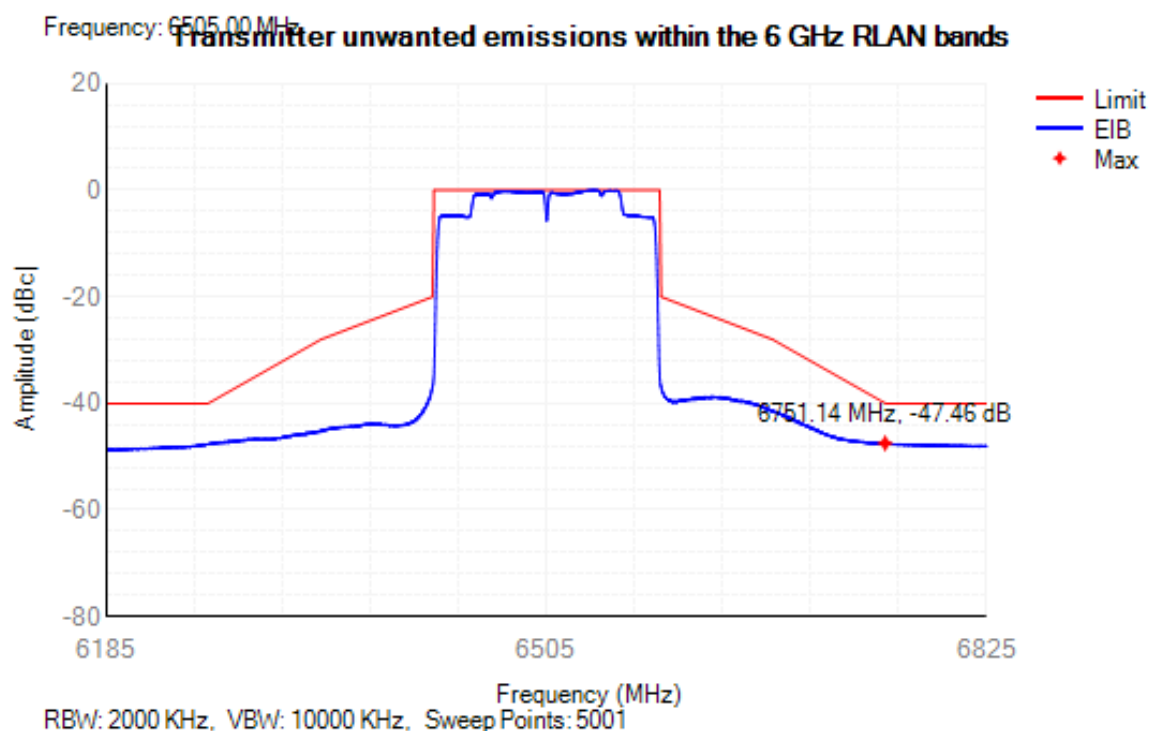
Condition	Mode	Frequency (MHz)	Antenna	Sub Band	Worst EIB Frequency (MHz)	Level (dB)	Limit (dB)	Verdict
NVNT	ax160	6505	Ant1	Band1	6753.19	-46.69	-40	Pass
NVNT	ax160	6505	Ant2	Band1	6751.14	-47.46	-39.95	Pass
NVNT	ax20	6435	Ant1	Band1	6473.82	-41.14	-40	Pass
NVNT	ax20	6475	Ant1	Band1	6437.16	-40.92	-40	Pass
NVNT	ax20	6515	Ant1	Band1	6475.42	-41.15	-40	Pass
NVNT	ax20	6435	Ant2	Band1	6473.8	-43.37	-40	Pass
NVNT	ax20	6475	Ant2	Band1	6513.66	-43.05	-40	Pass
NVNT	ax20	6515	Ant2	Band1	6554.01	-42.62	-40	Pass
NVNT	ax40	6445	Ant1	Band1	6513.29	-41.43	-40	Pass
NVNT	ax40	6485	Ant1	Band1	6416.97	-41.35	-40	Pass
NVNT	ax40	6525	Ant1	Band1	6457.22	-41.19	-40	Pass
NVNT	ax40	6445	Ant2	Band1	6516.87	-43.46	-40	Pass
NVNT	ax40	6485	Ant2	Band1	6551.34	-42.95	-40	Pass
NVNT	ax40	6525	Ant2	Band1	6594.76	-42.73	-40	Pass
NVNT	ax80	6465	Ant1	Band1	6610.09	-40.53	-40	Pass
NVNT	ax80	6465	Ant2	Band1	6623.85	-41.12	-40	Pass

Test Graphs

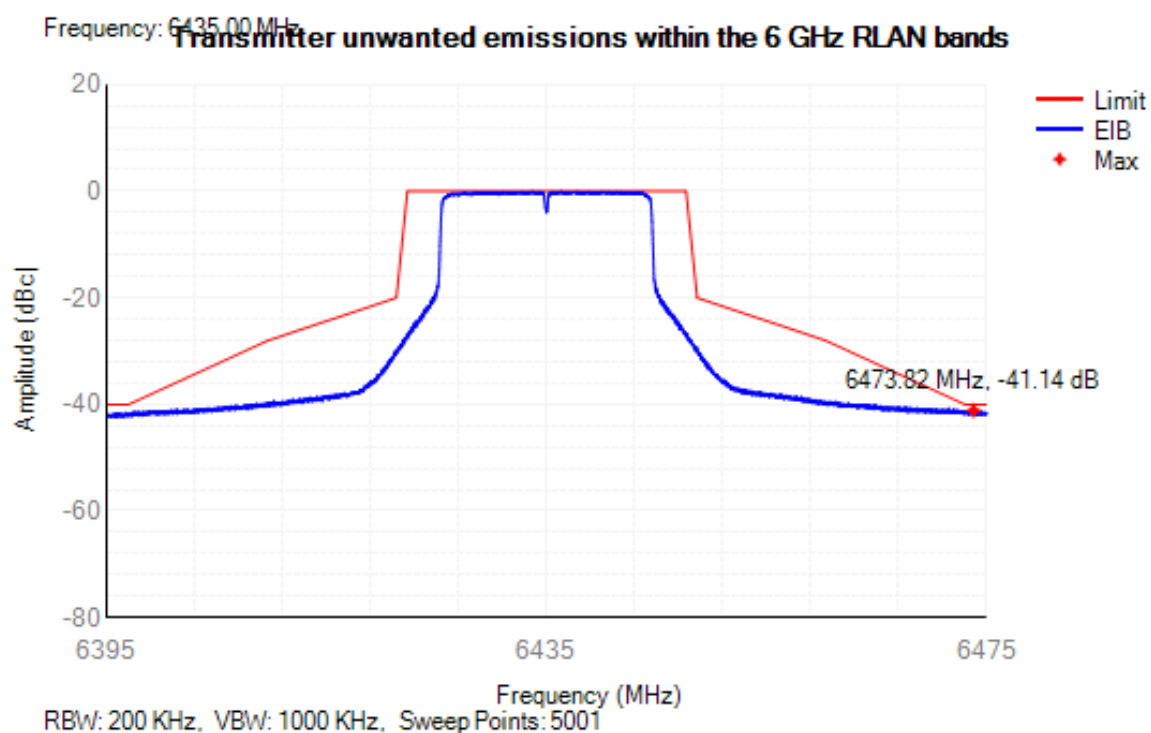
Power spectral mask NVNT ax160 6505MHz



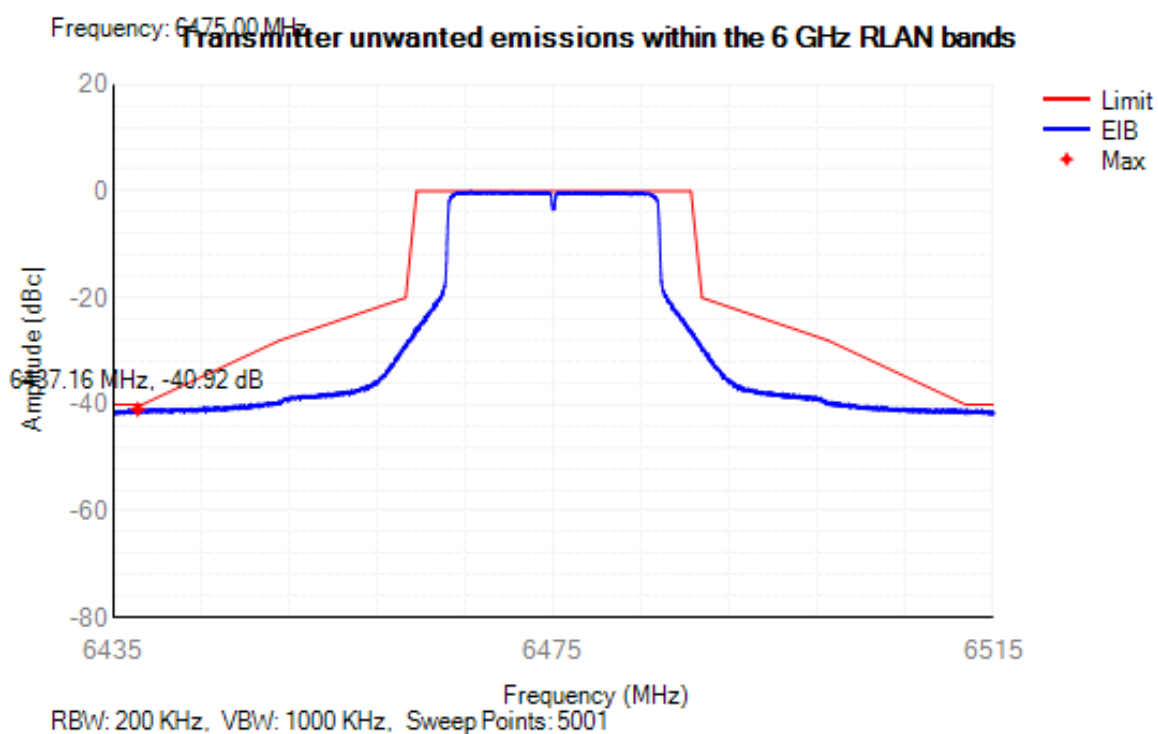
Power spectral mask NVNT ax160 6505MHz



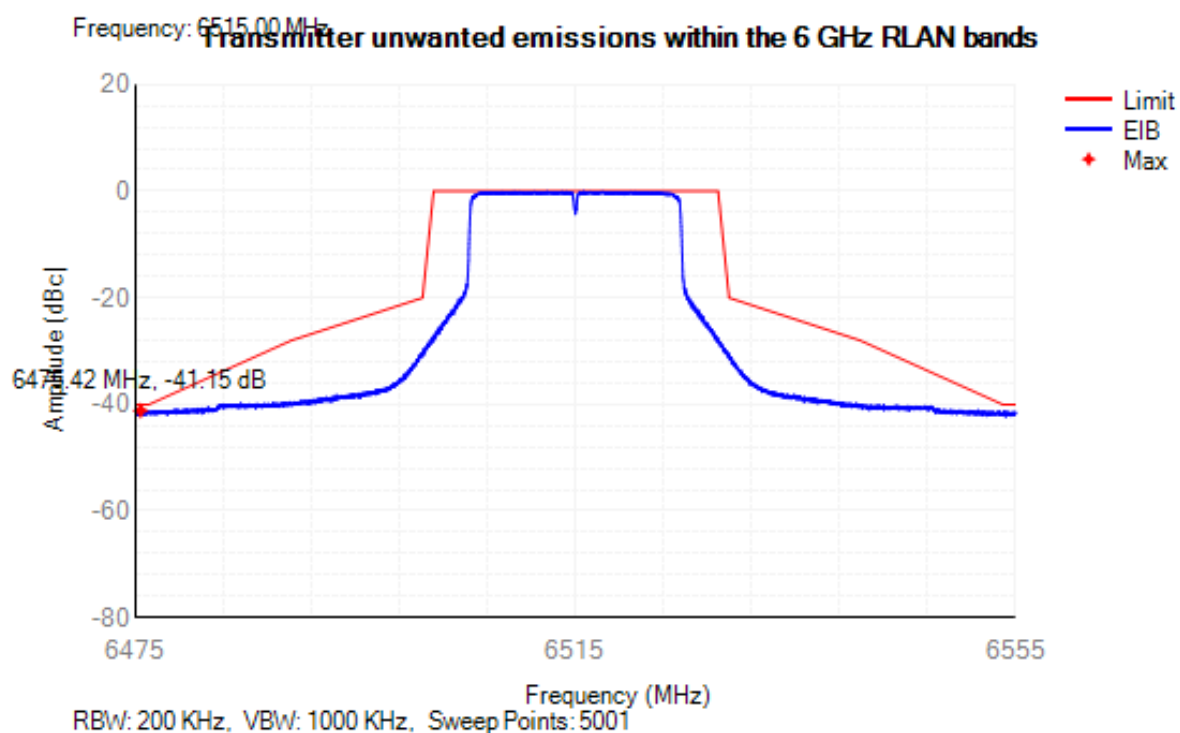
Power spectral mask NVNT ax20 6435MHz



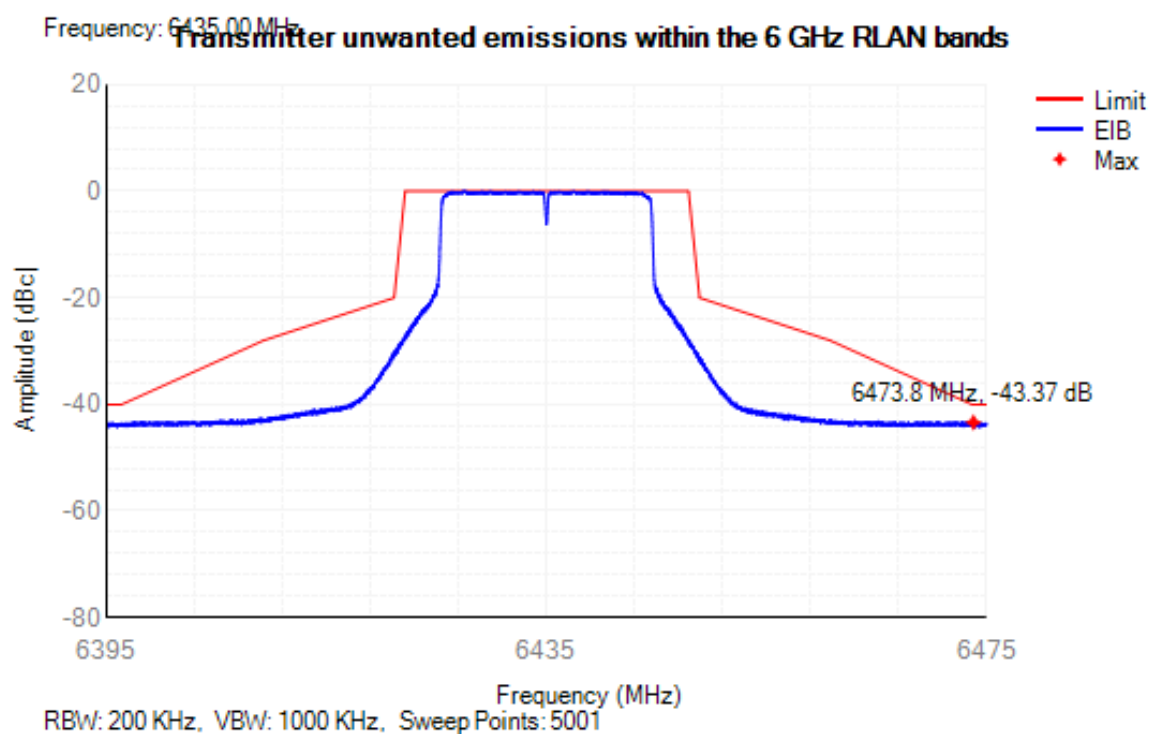
Power spectral mask NVNT ax20 6475MHz



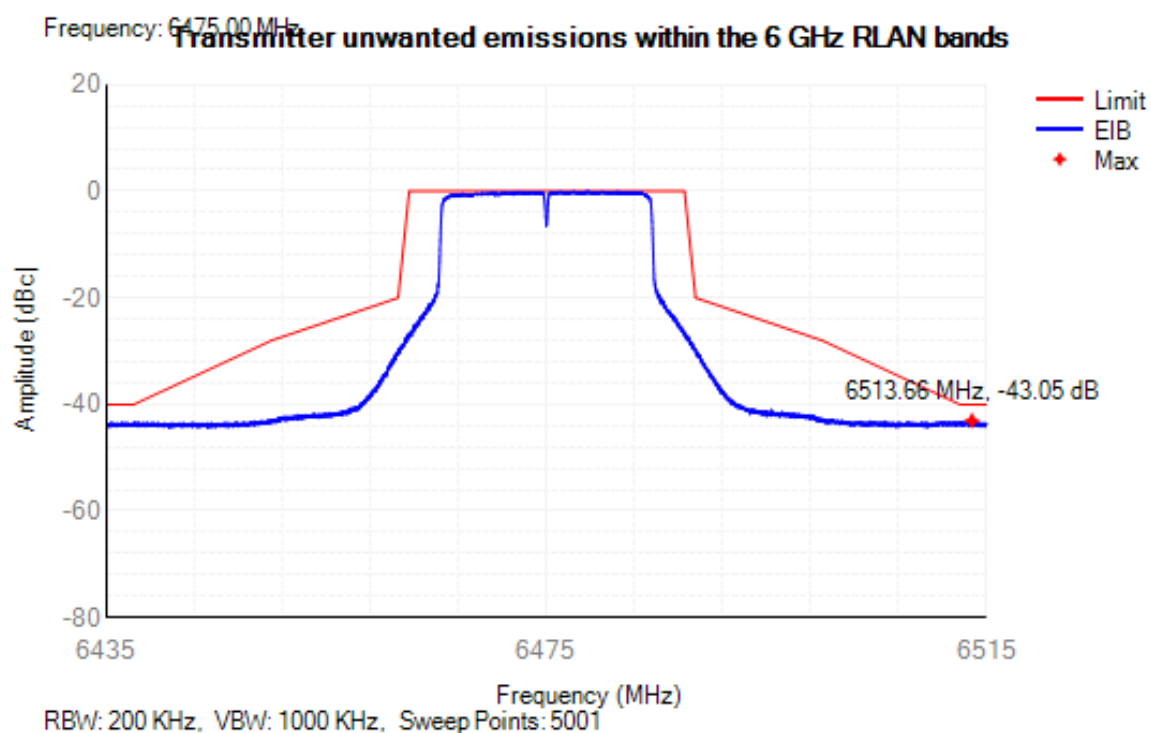
Power spectral mask NVNT ax20 6515MHz



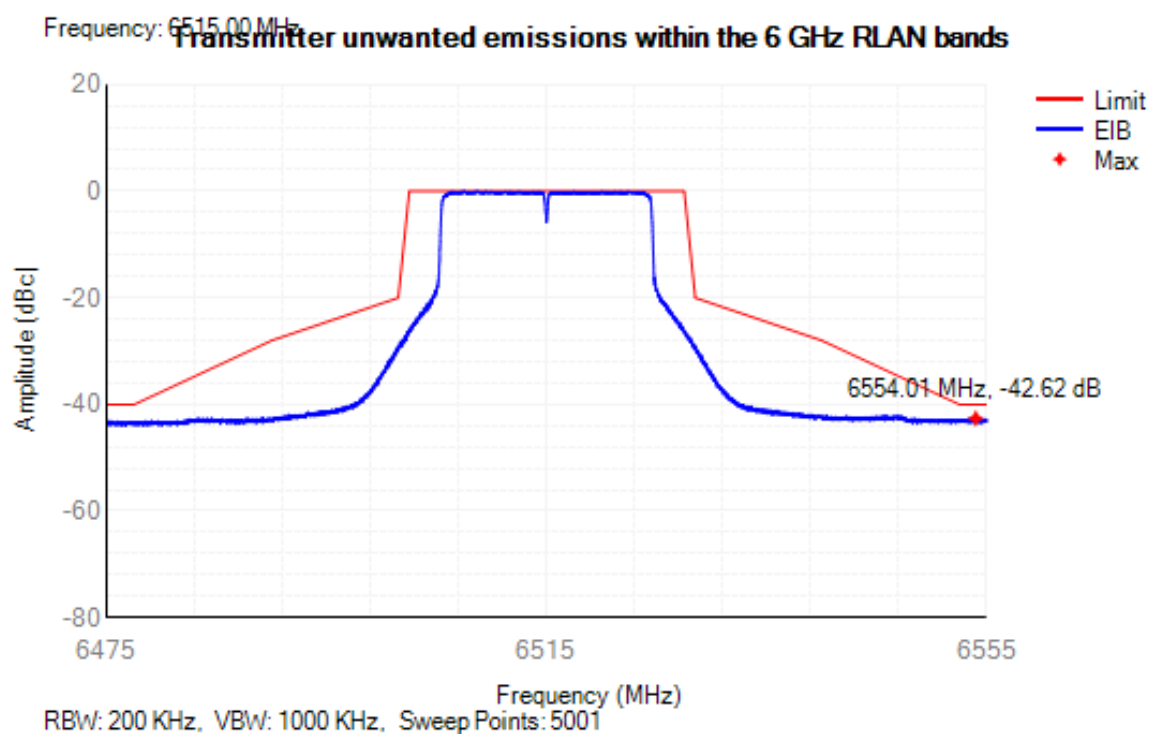
Power spectral mask NVNT ax20 6435MHz



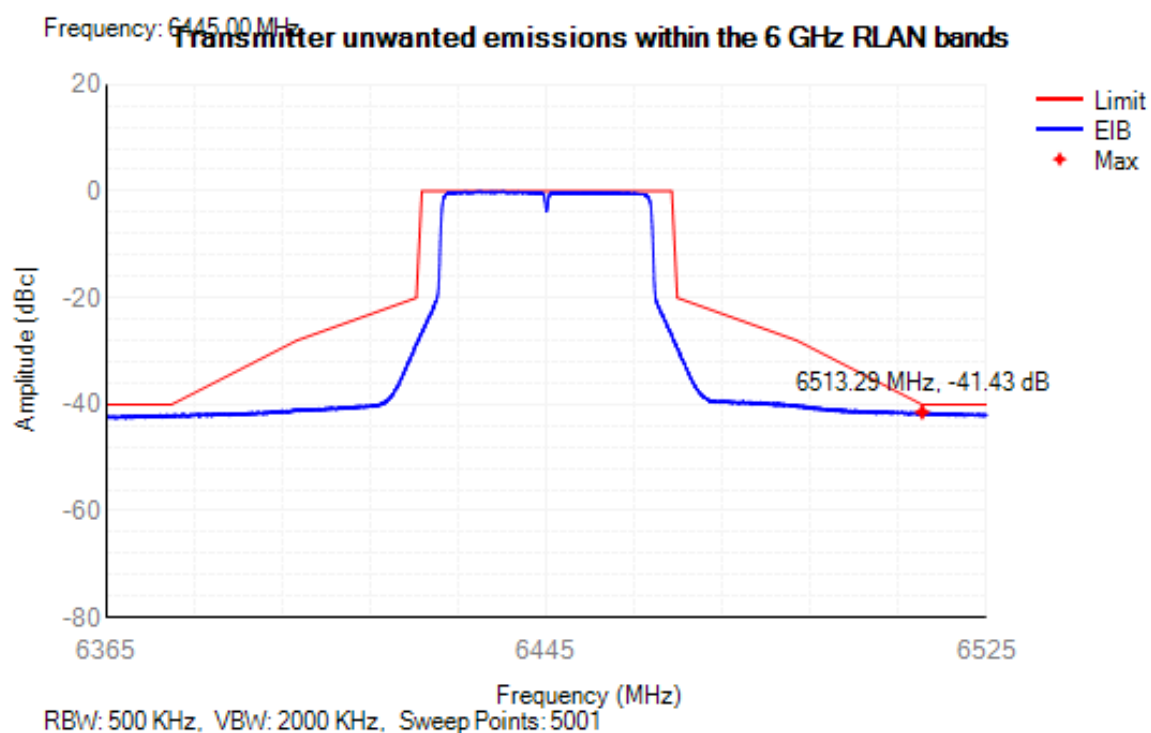
Power spectral mask NVNT ax20 6475MHz



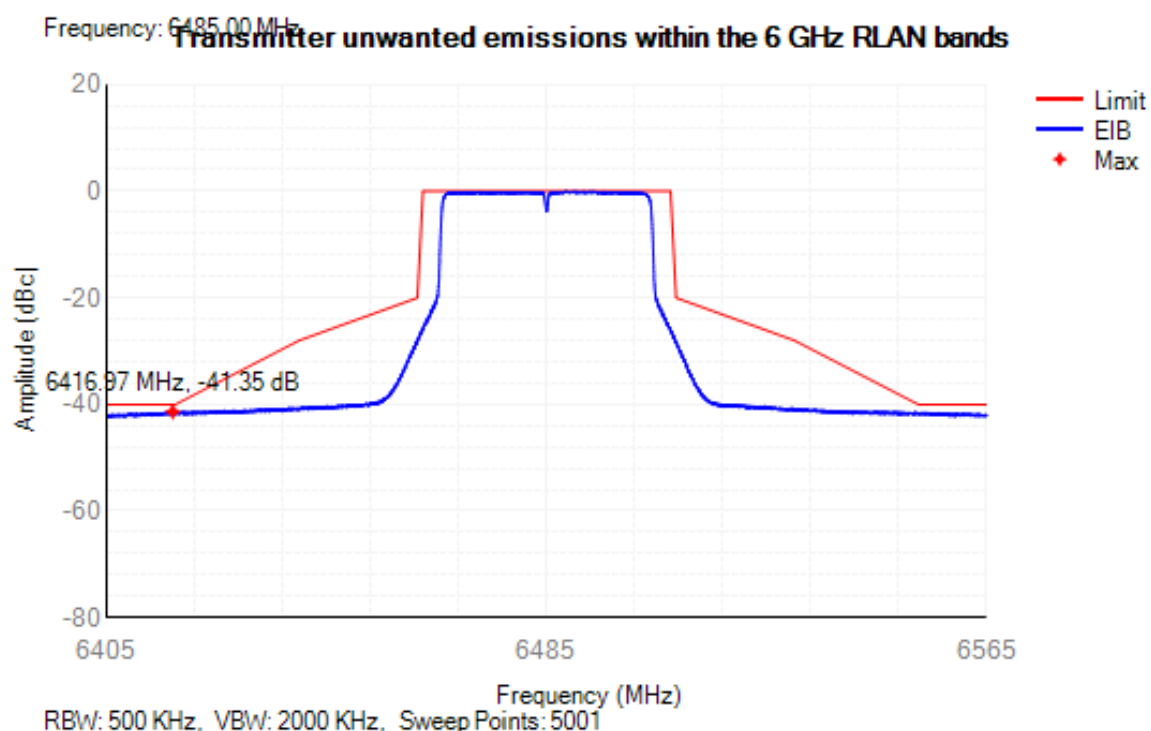
Power spectral mask NVNT ax20 6515MHz



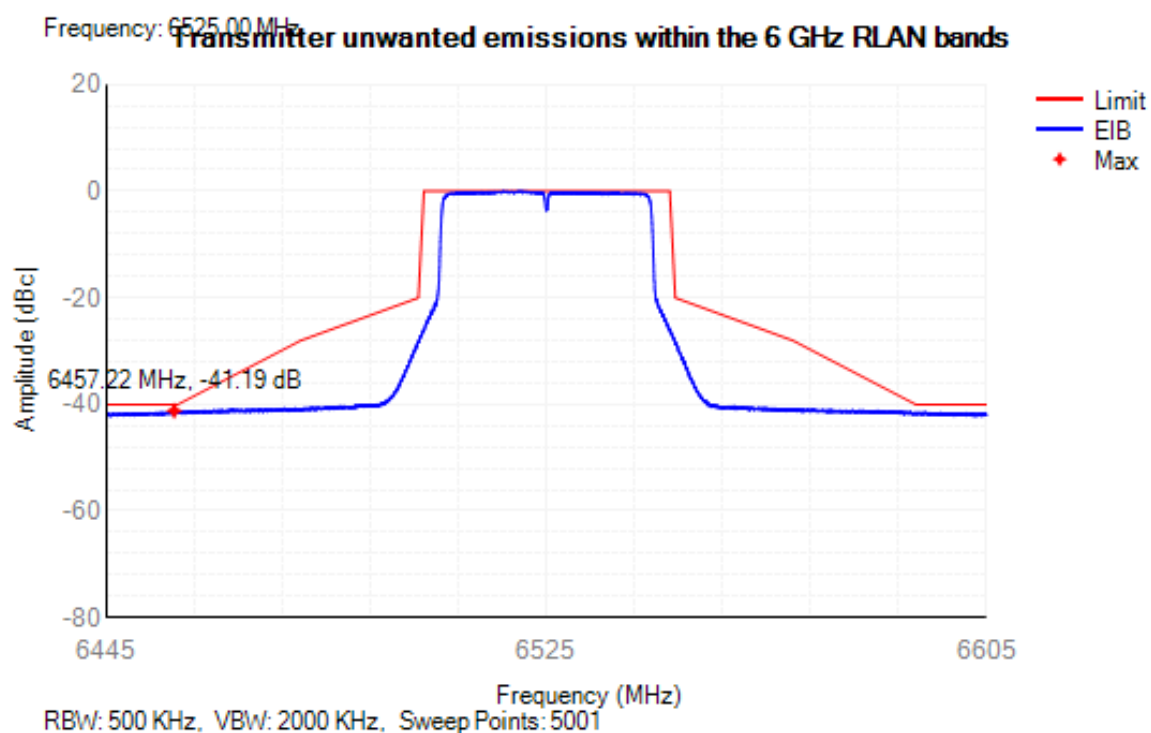
Power spectral mask NVNT ax40 6445MHz



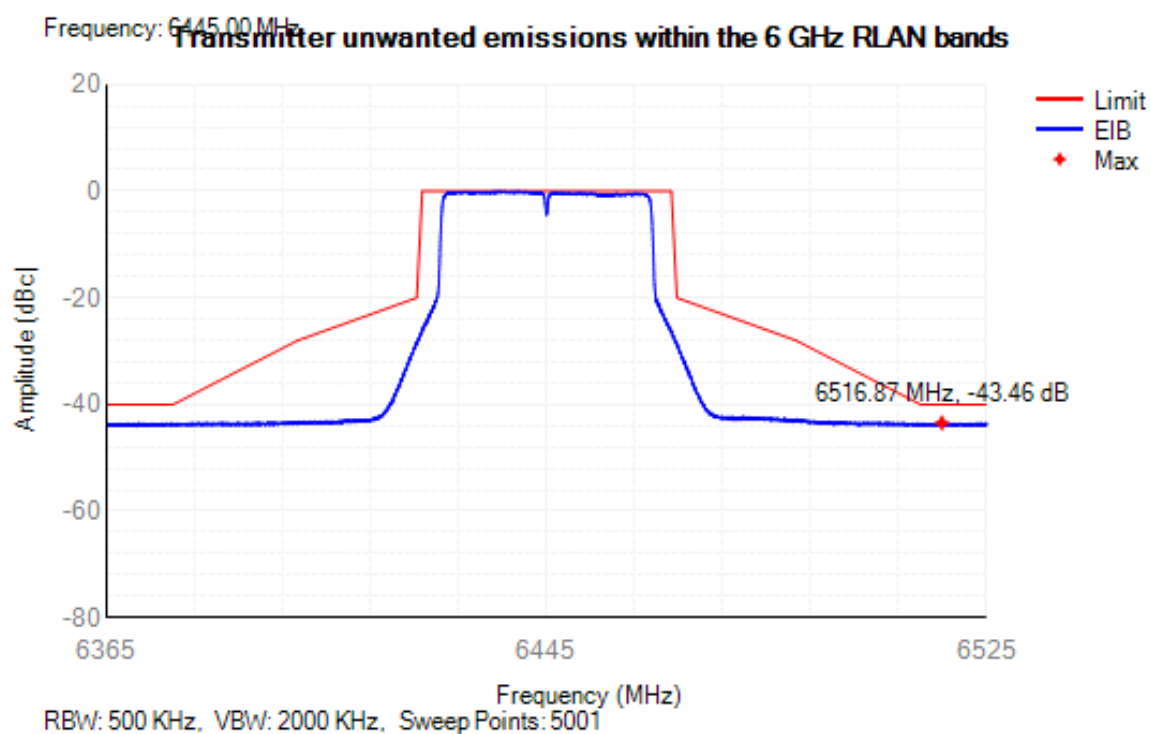
Power spectral mask NVNT ax40 6485MHz



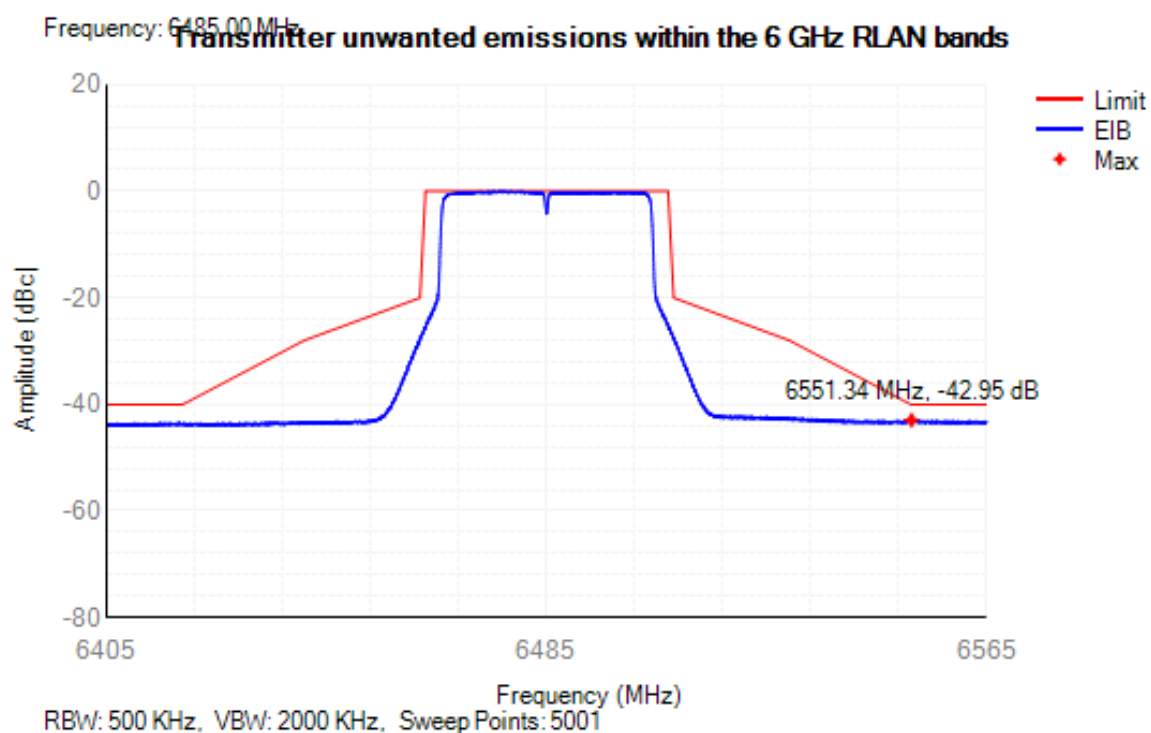
Power spectral mask NVNT ax40 6525MHz



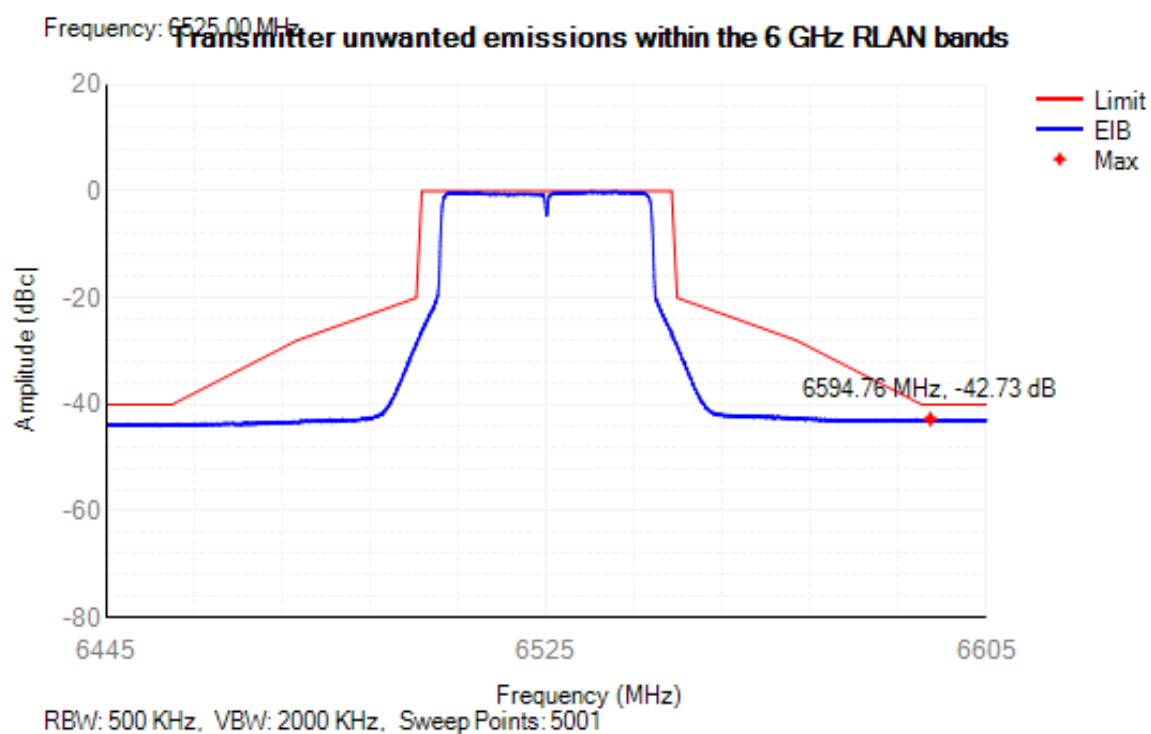
Power spectral mask NVNT ax40 6445MHz



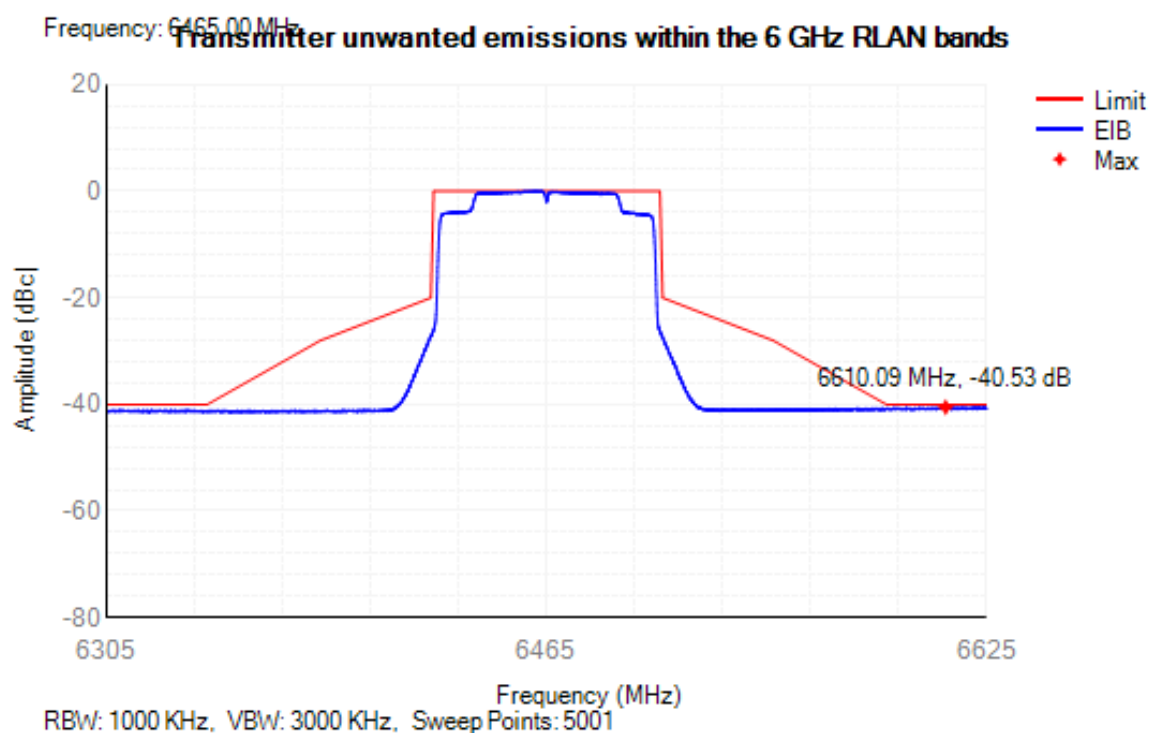
Power spectral mask NVNT ax40 6485MHz



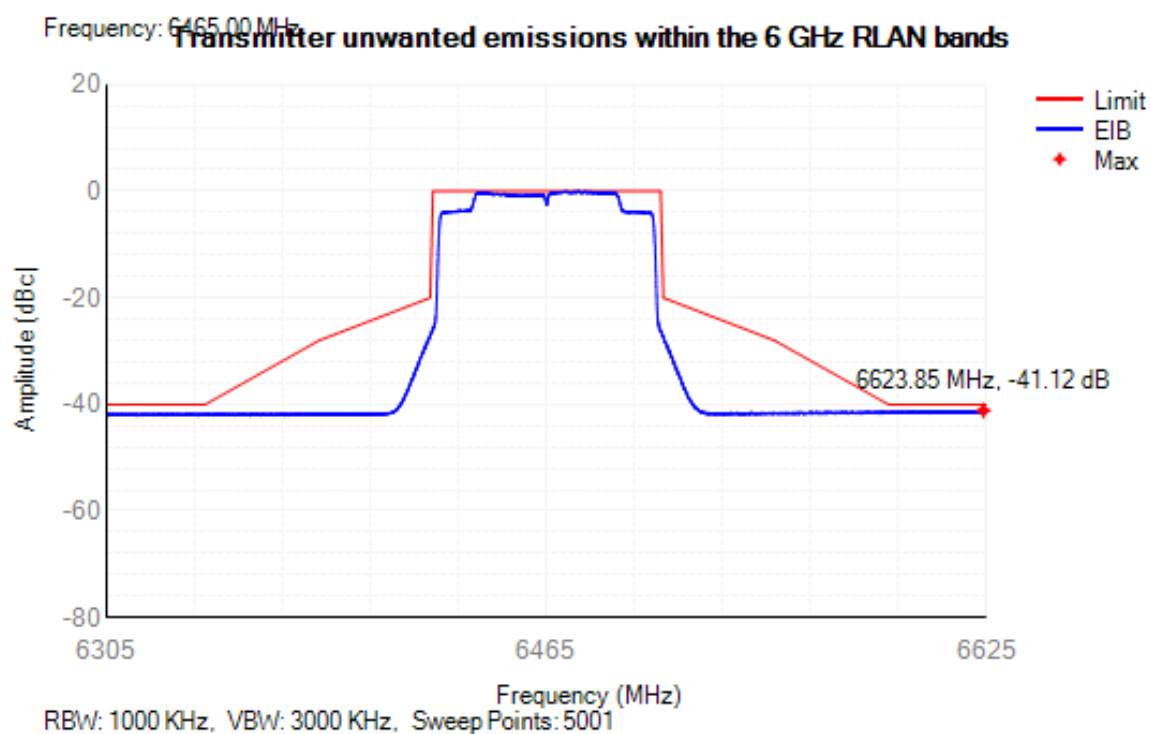
Power spectral mask NVNT ax40 6525MHz



Power spectral mask NVNT ax80 6465MHz



Power spectral mask NVNT ax80 6465MHz



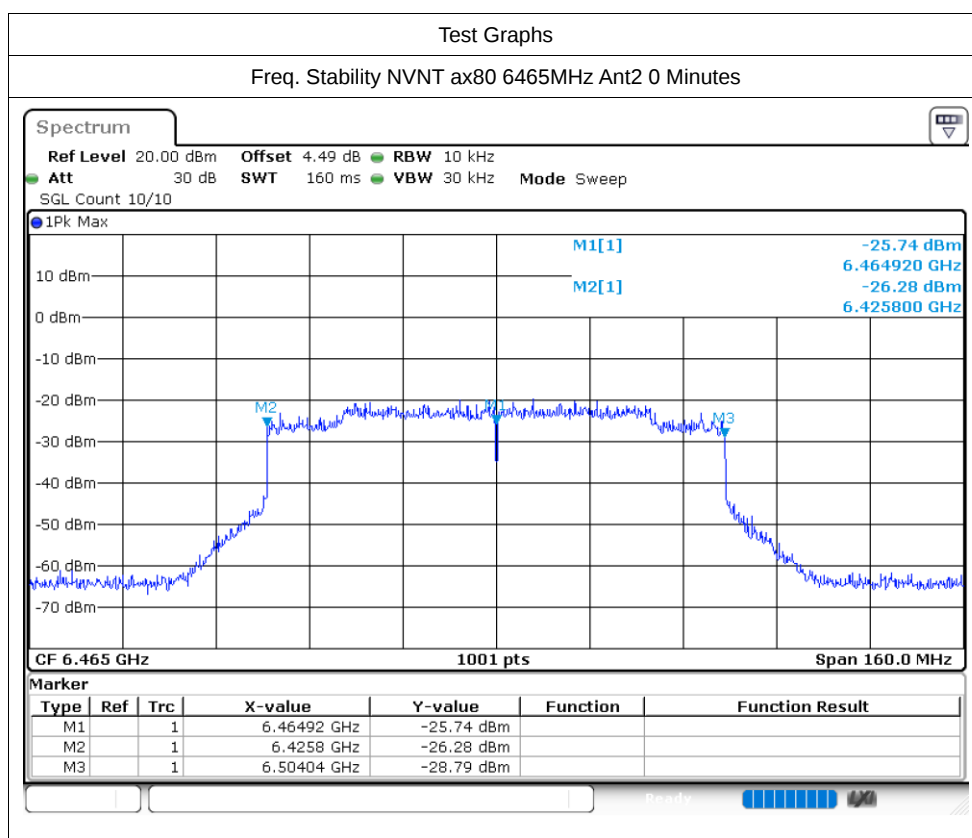
Contention Based Protocol

Mode	Channel	Frequency (MHz)	Simulating Incumbent Frequency (MHz)	Injected AWGN Level (dBm)	EUT Tx Status	Adjusted Power (dBm)	Regulated Threshold level (dBm)	Number of iterations	Detection Probability (%)	Limit (%)	Verdict
802.11ax (HEW20)	97	6435	6435	-64.22	OFF	-66.7	-62	10	100	>90	PASS
				-65.34	Minimal	-67.82					
				-66.31	ON	-68.79					

Mode	Channel	Frequency (MHz)	Simulating Incumbent Frequency (MHz)	Injected AWGN Level (dBm)	EUT Tx Status	Adjusted Power (dBm)	Regulated Threshold level (dBm)	Number of iterations	Detection Probability (%)	Limit (%)	Verdict
802.11ax (HEW160)	111	6505	6430	-63.12	OFF	-65.59	-62	10	100	>90	PASS
				-64.26	Minimal	-66.73					
				-65.31	ON	-67.78					
			6505	-63.07	OFF	-65.54	-62	10	100	>90	PASS
				-64.21	Minimal	-66.68					
				-65.25	ON	-67.72					
			6580	-63.16	OFF	-65.63	-62	10	100	>90	PASS
				-64.31	Minimal	-66.78					
				-65.37	ON	-67.84					

Frequency Stability

Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ax80	0	6465	Ant2	6464.92	-80000	-12.37	25	Pass



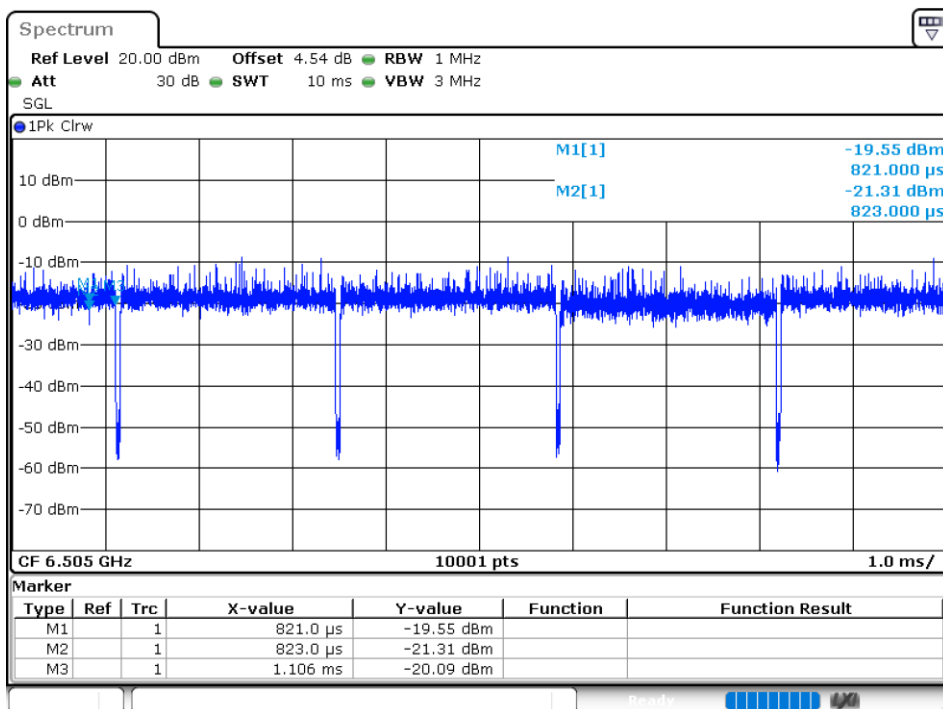
6.5G WIFI MIMO

Duty Cycle

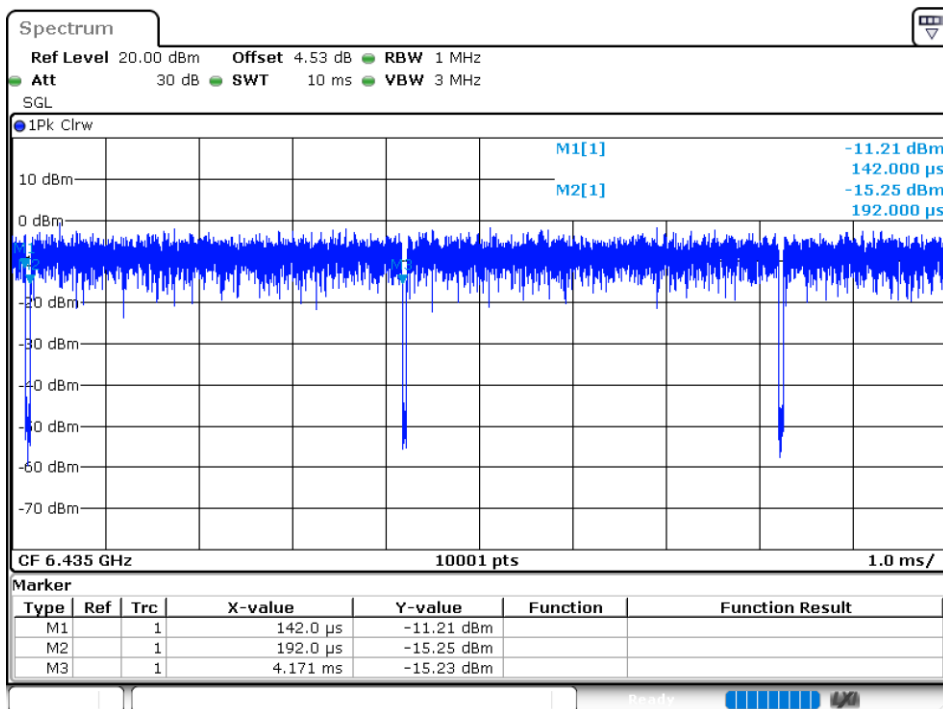
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax160	6505	Sum	99.3	0	3.53
NVNT	ax20	6435	Sum	98.76	0	0.25
NVNT	ax20	6475	Sum	98.62	0	2.44
NVNT	ax20	6515	Sum	98.76	0	0.25
NVNT	ax40	6445	Sum	98.57	0	1.24
NVNT	ax40	6485	Sum	98.64	0	0.89
NVNT	ax40	6525	Sum	98.72	0	1.67
NVNT	ax80	6465	Sum	99.83	0	0.85

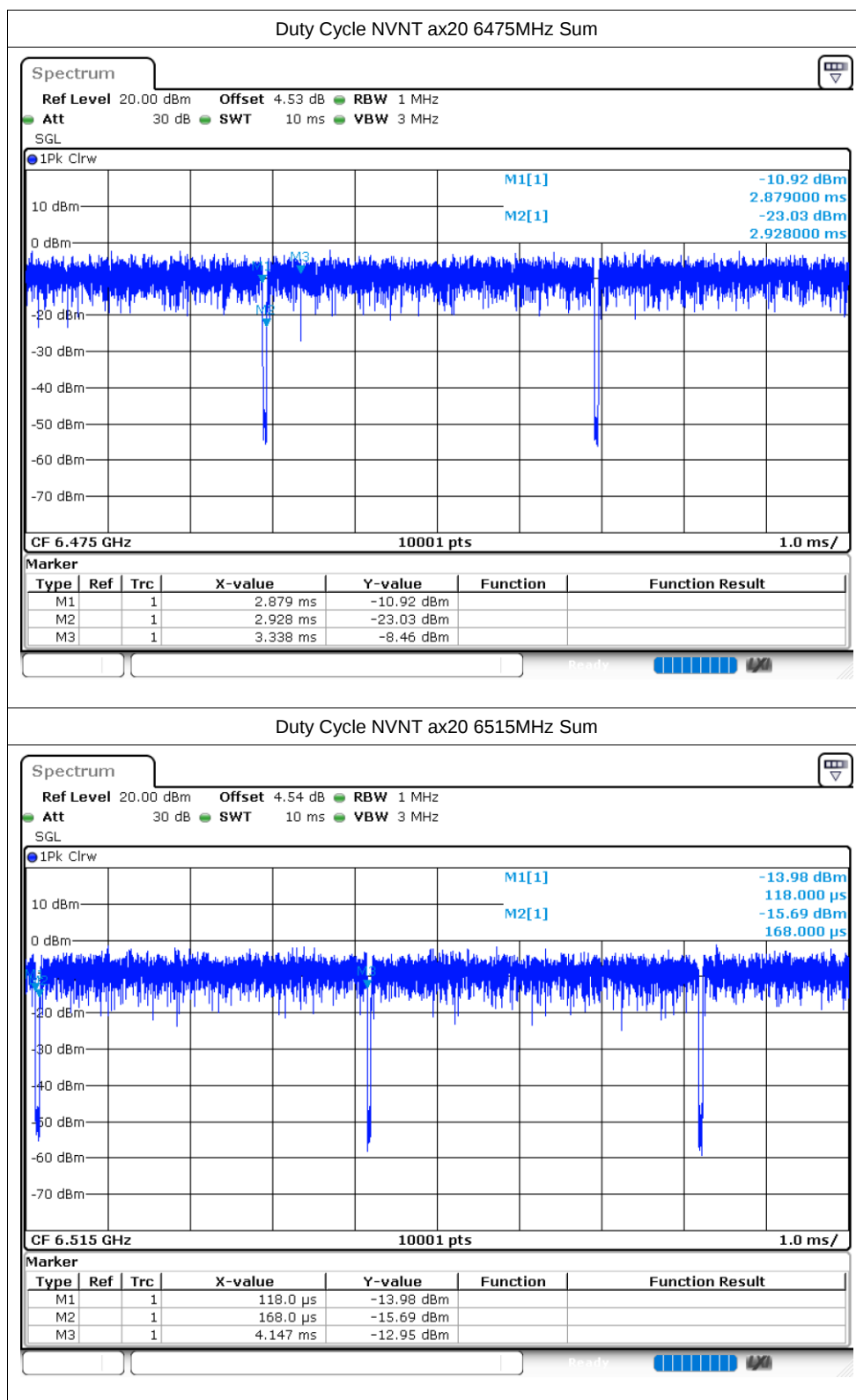
Test Graphs

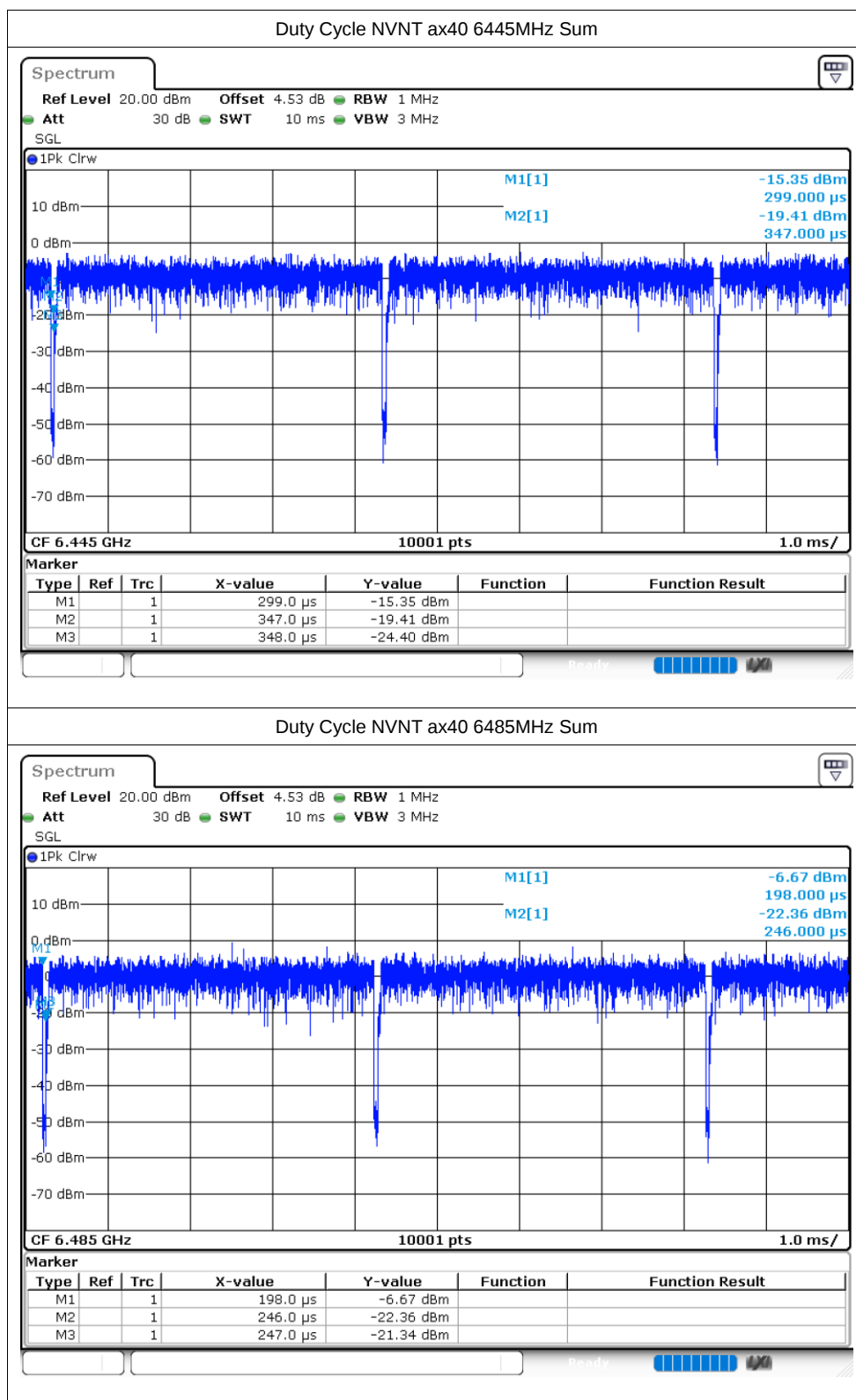
Duty Cycle NVNT ax160 6505MHz Sum

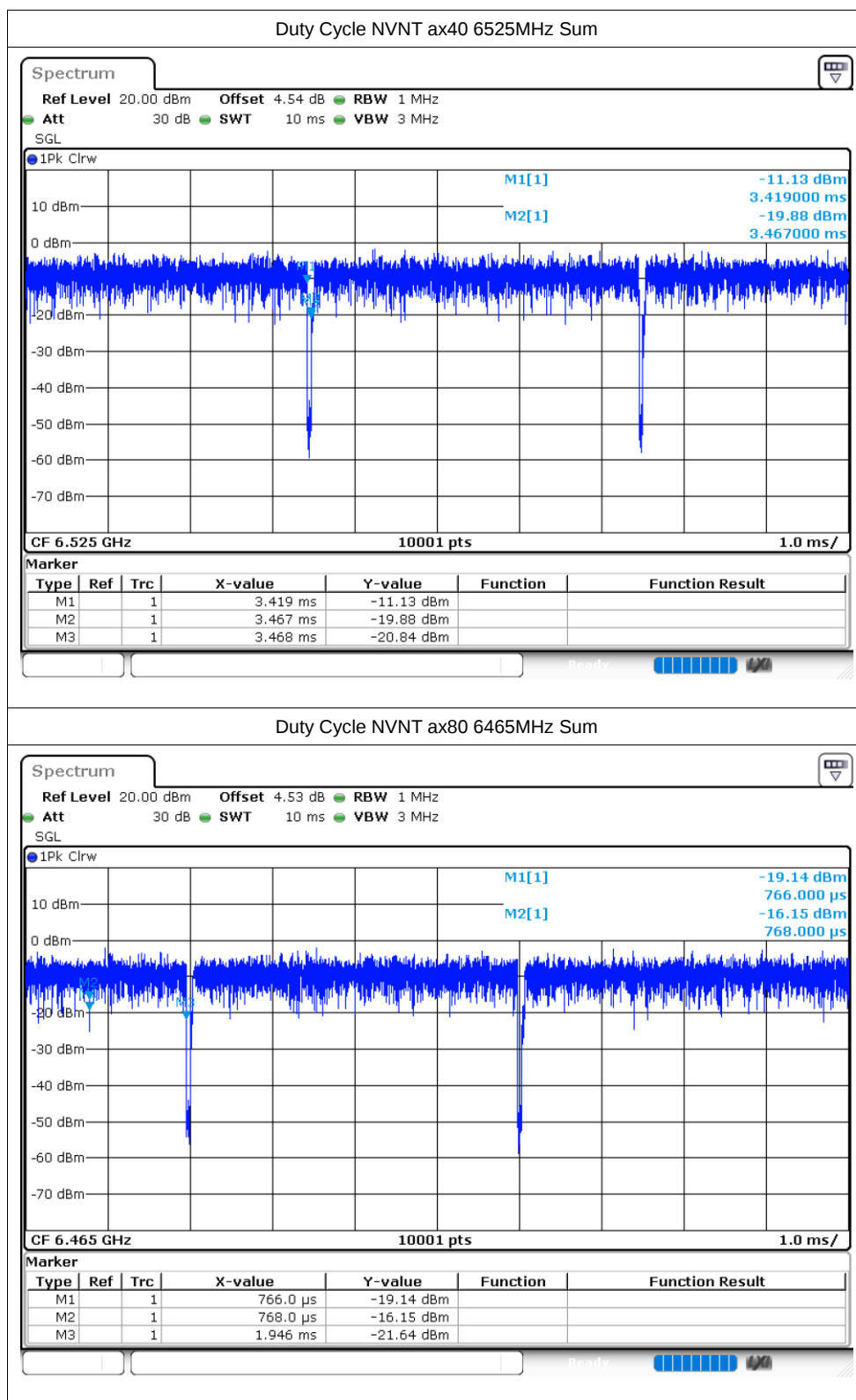


Duty Cycle NVNT ax20 6435MHz Sum







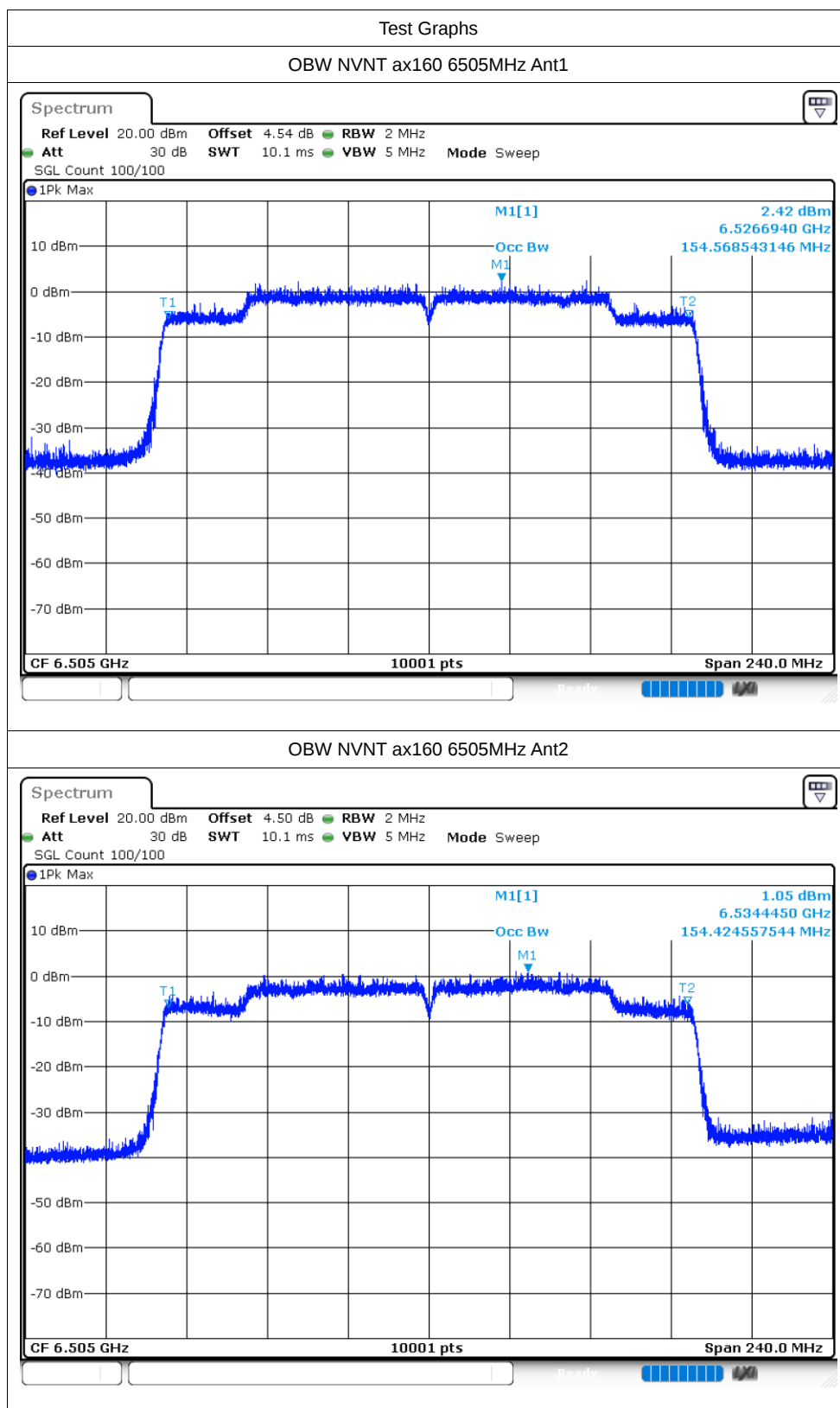


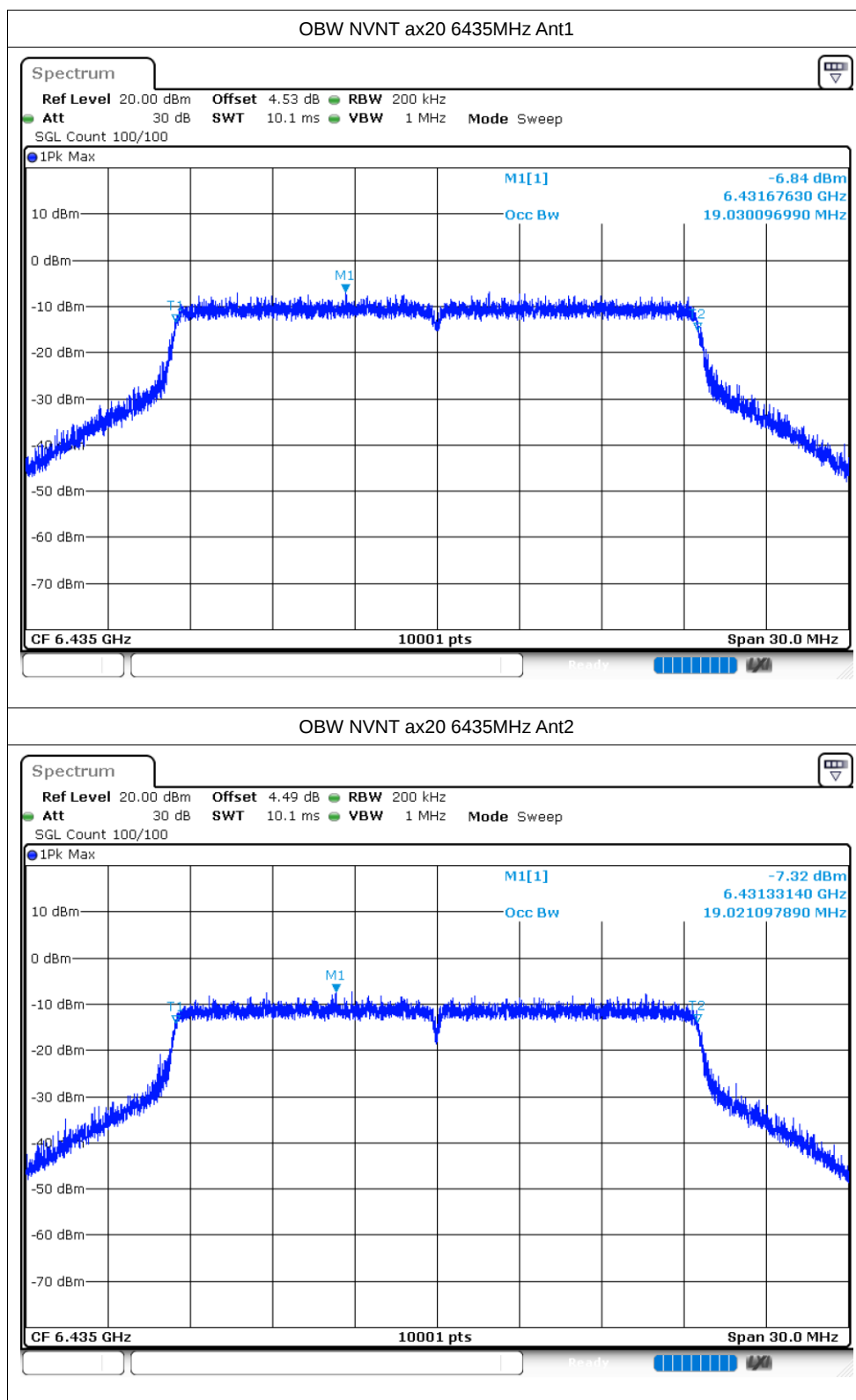
Maximum Conducted Output Power

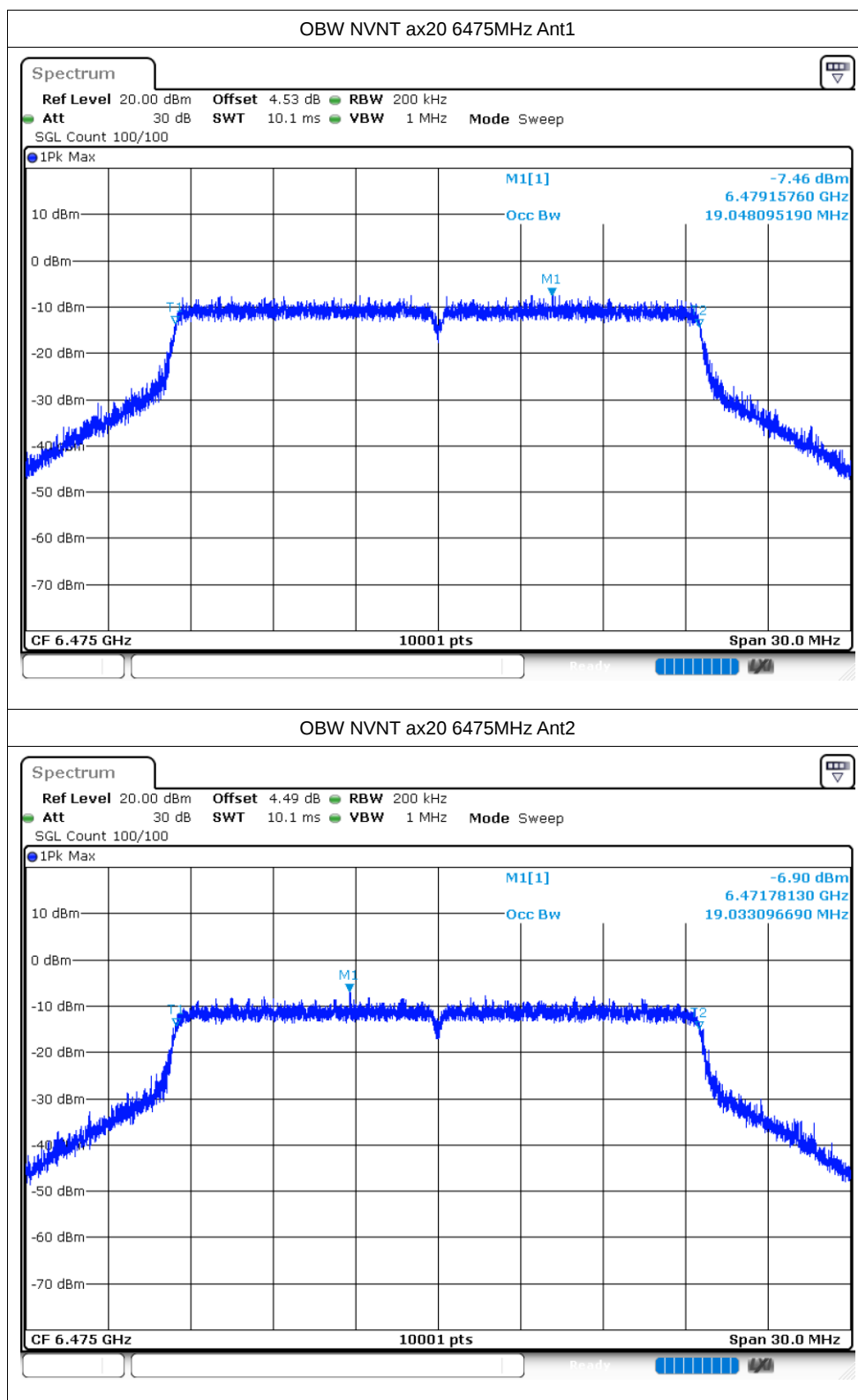
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Gain (dBi)	eirp Power	Limit (dBm)	Verdict
NVNT	ax160	6505	Ant1	9.17	4.88	14.05	24	Pass
NVNT	ax160	6505	Ant2	8	4.84	12.84	24	Pass
NVNT	ax160	6505	Sum			16.50	24	Pass
NVNT	ax20	6435	Ant1	3.21	4.88	8.09	24	Pass
NVNT	ax20	6435	Ant2	3.18	4.84	8.02	24	Pass
NVNT	ax20	6435	Sum			11.07	24	Pass
NVNT	ax20	6475	Ant1	3.26	4.88	8.14	24	Pass
NVNT	ax20	6475	Ant2	3.07	4.84	7.91	24	Pass
NVNT	ax20	6475	Sum			11.04	24	Pass
NVNT	ax20	6515	Ant1	3.26	4.88	8.14	24	Pass
NVNT	ax20	6515	Ant2	2.91	4.84	7.75	24	Pass
NVNT	ax20	6515	Sum			10.96	24	Pass
NVNT	ax40	6445	Ant1	6.81	4.88	11.69	24	Pass
NVNT	ax40	6445	Ant2	6.53	4.84	11.37	24	Pass
NVNT	ax40	6445	Sum			14.54	24	Pass
NVNT	ax40	6485	Ant1	6.41	4.88	11.29	24	Pass
NVNT	ax40	6485	Ant2	6.36	4.84	11.2	24	Pass
NVNT	ax40	6485	Sum			14.26	24	Pass
NVNT	ax40	6525	Ant1	6.84	4.88	11.72	24	Pass
NVNT	ax40	6525	Ant2	5.58	4.84	10.42	24	Pass
NVNT	ax40	6525	Sum			14.13	24	Pass
NVNT	ax80	6465	Ant1	8.7	4.88	13.58	24	Pass
NVNT	ax80	6465	Ant2	7.67	4.84	12.51	24	Pass
NVNT	ax80	6465	Sum			16.09	24	Pass

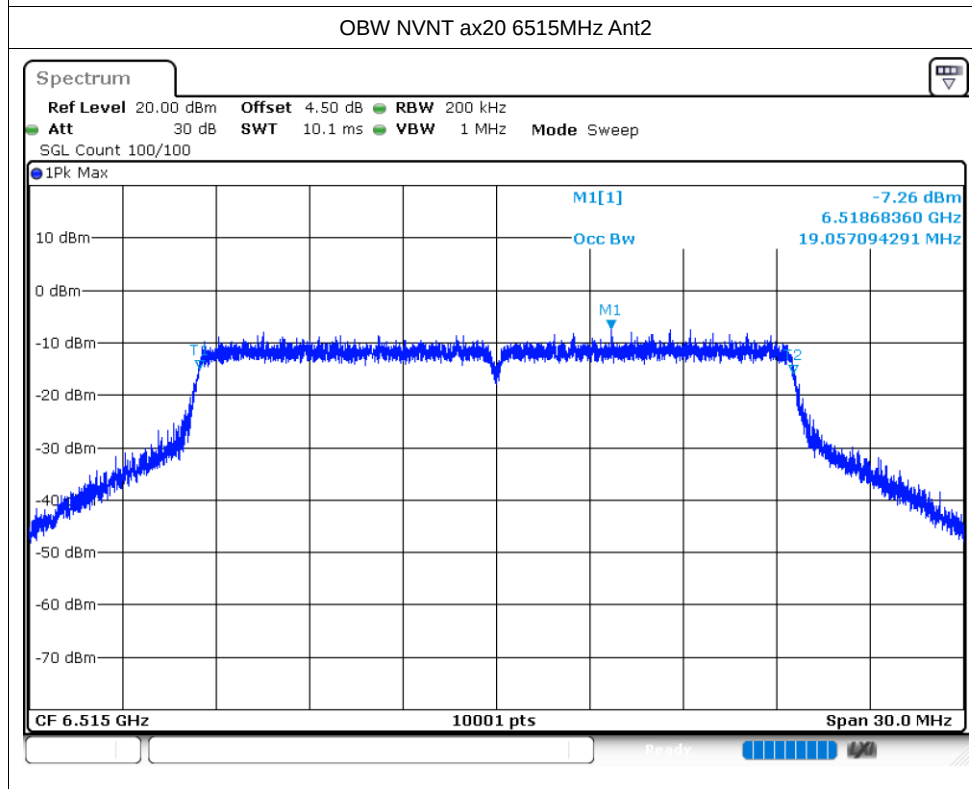
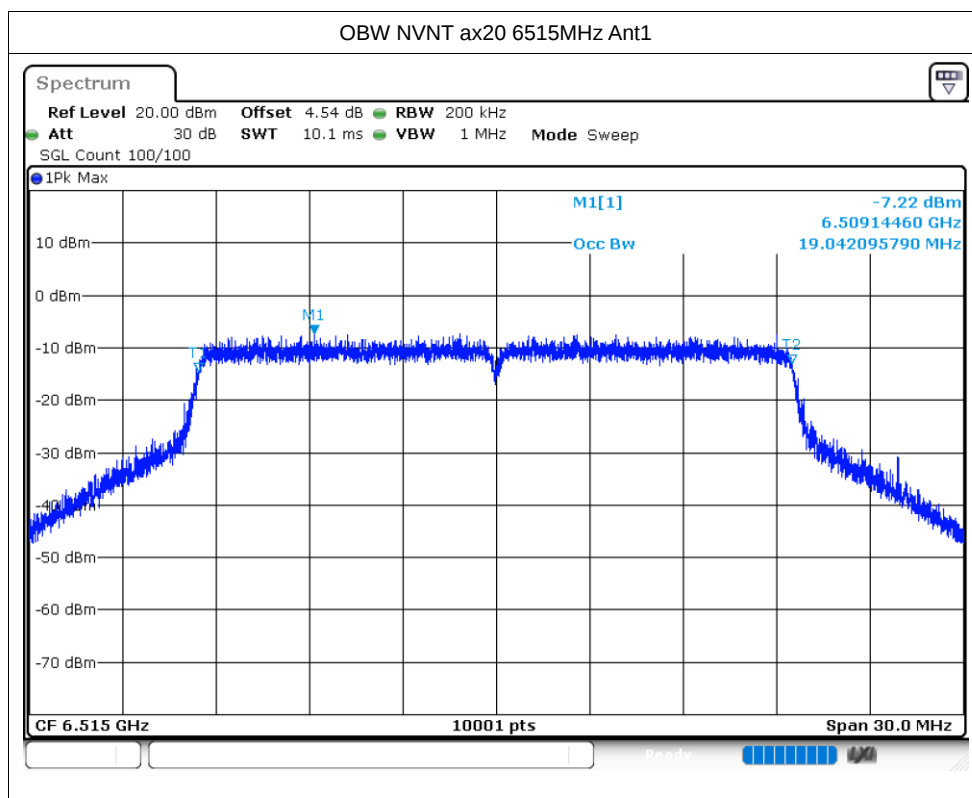
Occupied Channel Bandwidth

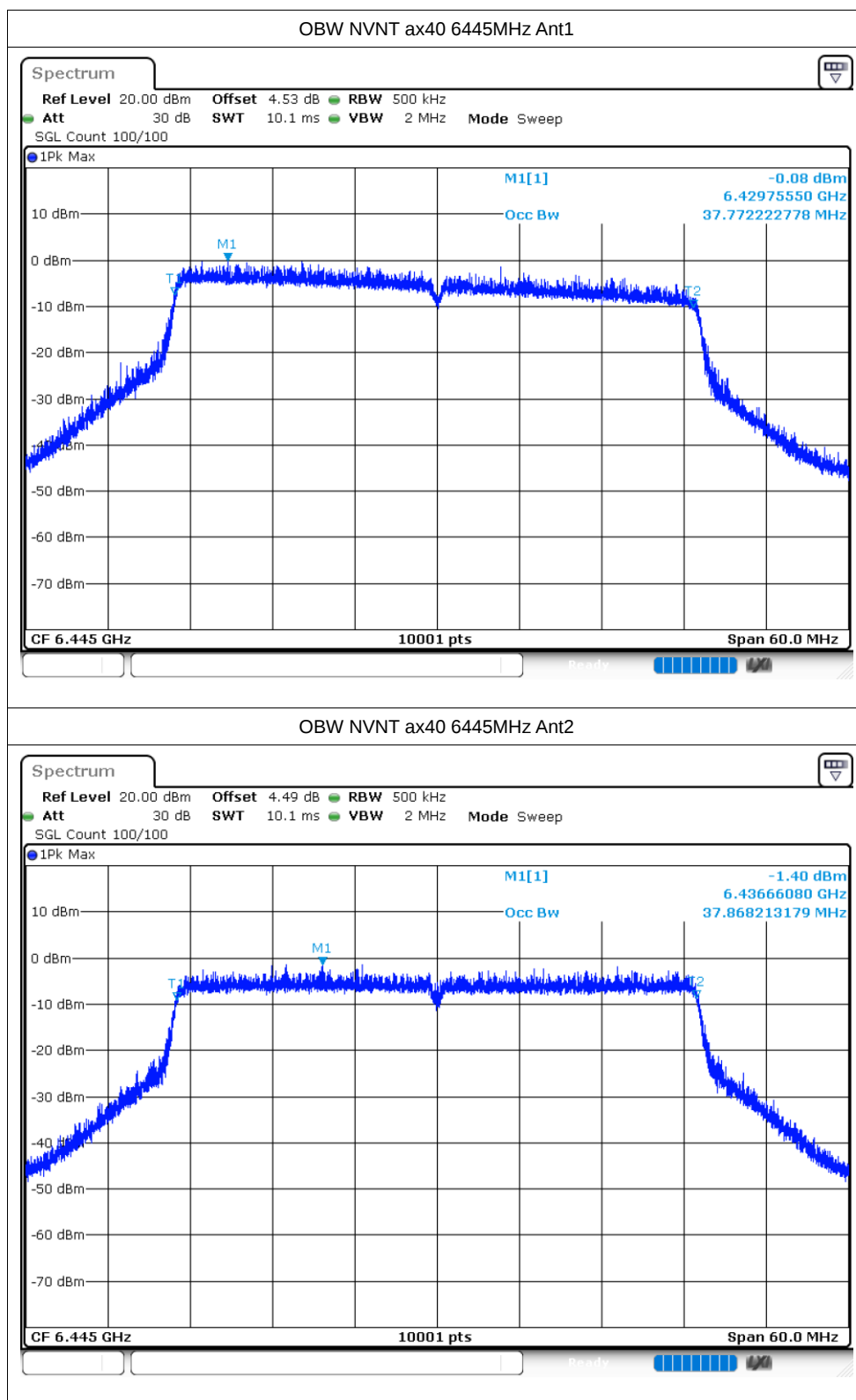
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax160	6505	Ant1	154.569
NVNT	ax160	6505	Ant2	154.425
NVNT	ax20	6435	Ant1	19.03
NVNT	ax20	6435	Ant2	19.021
NVNT	ax20	6475	Ant1	19.048
NVNT	ax20	6475	Ant2	19.033
NVNT	ax20	6515	Ant1	19.042
NVNT	ax20	6515	Ant2	19.057
NVNT	ax40	6445	Ant1	37.772
NVNT	ax40	6445	Ant2	37.868
NVNT	ax40	6485	Ant1	37.802
NVNT	ax40	6485	Ant2	37.886
NVNT	ax40	6525	Ant1	37.874
NVNT	ax40	6525	Ant2	37.862
NVNT	ax80	6465	Ant1	76.432
NVNT	ax80	6465	Ant2	76.66

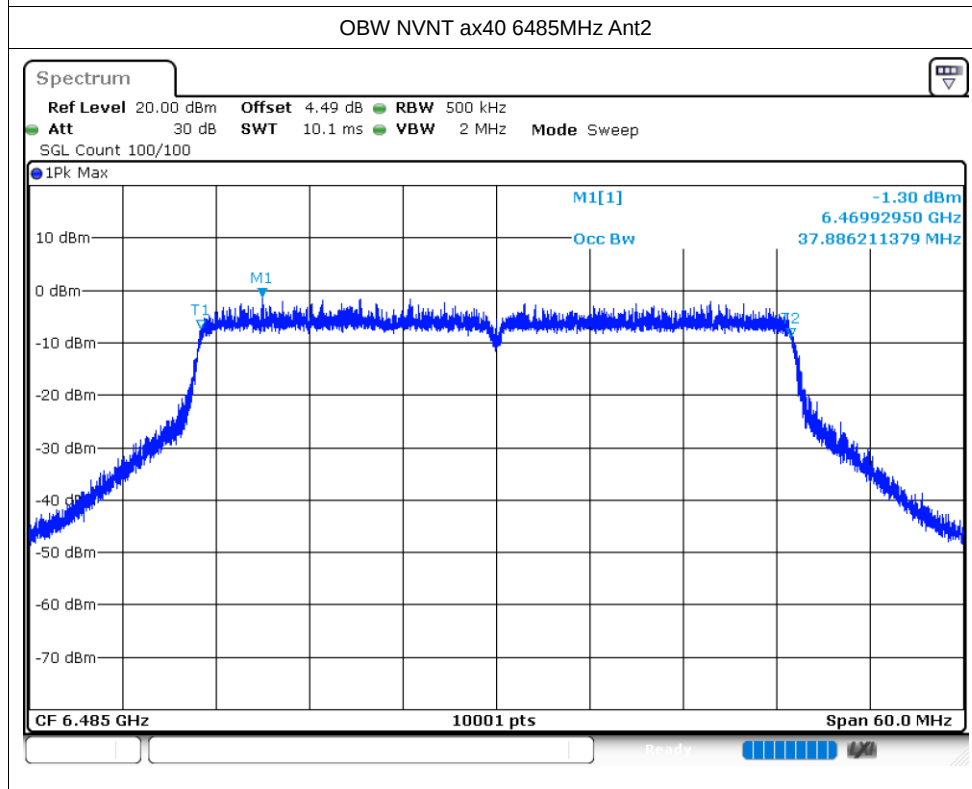
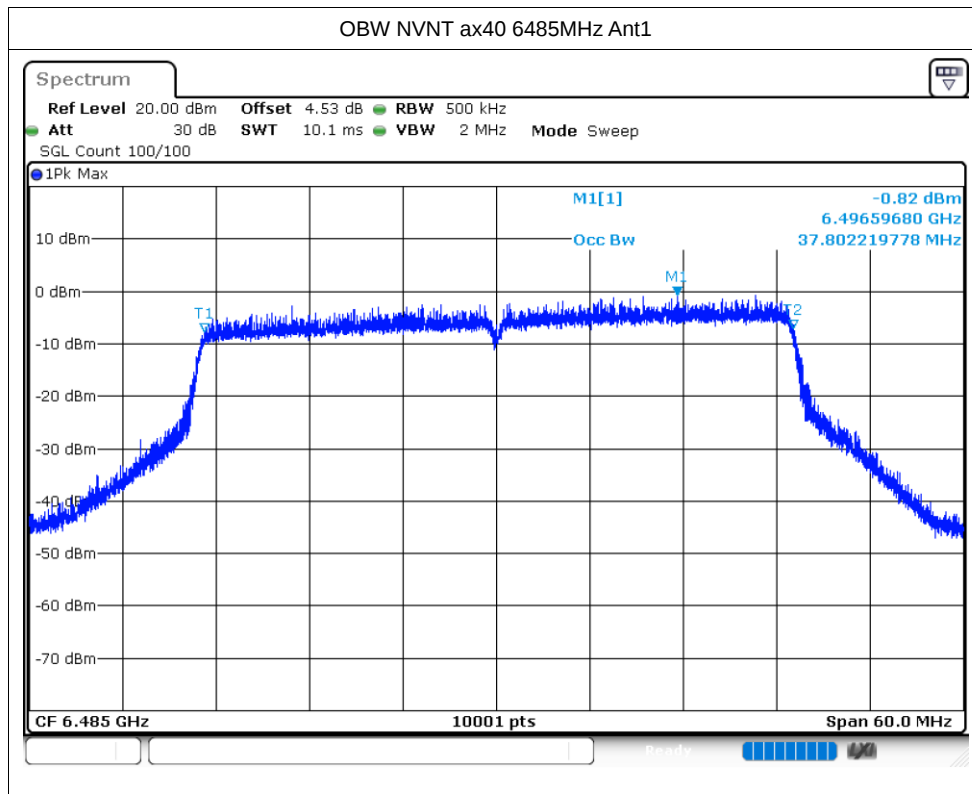


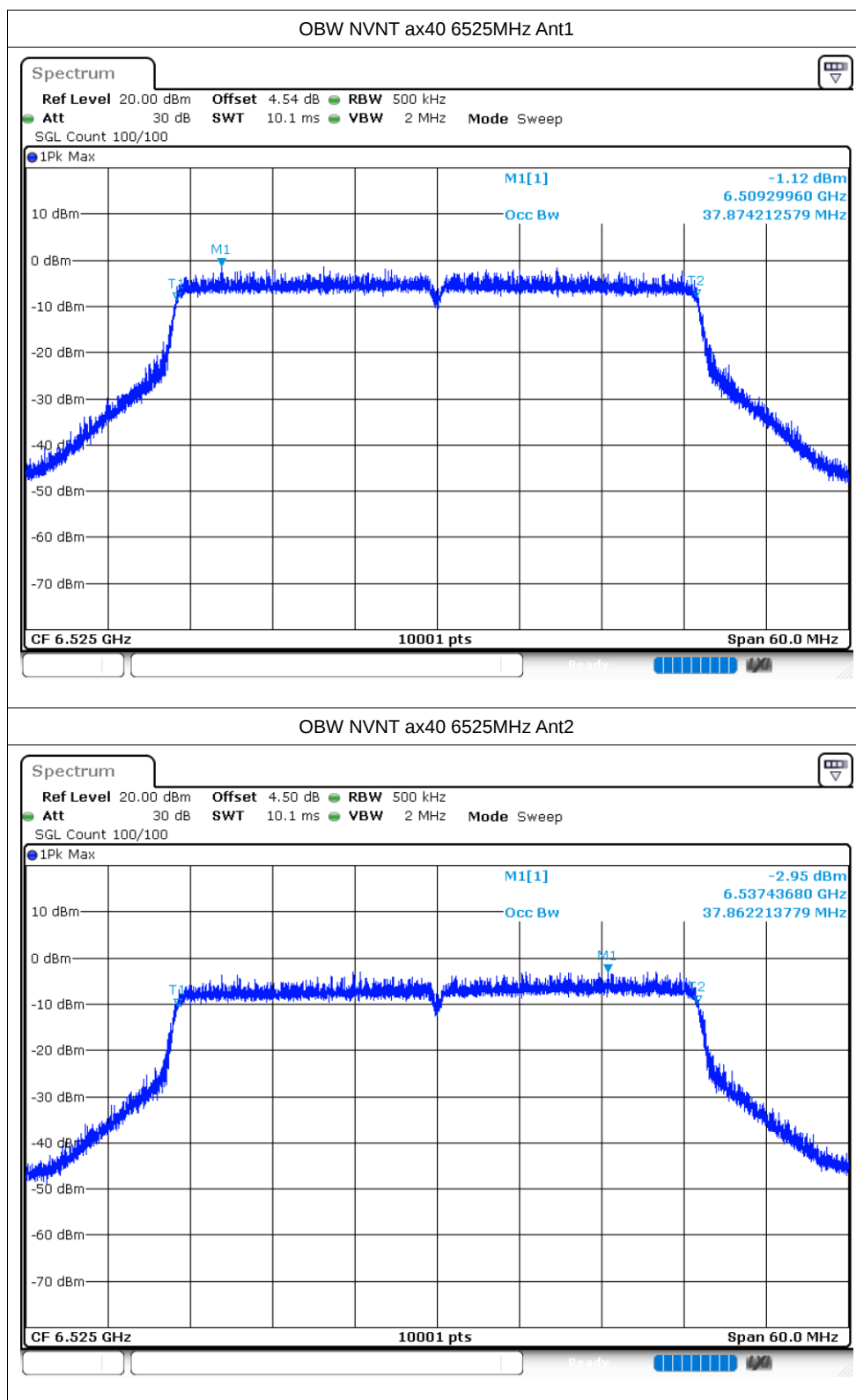


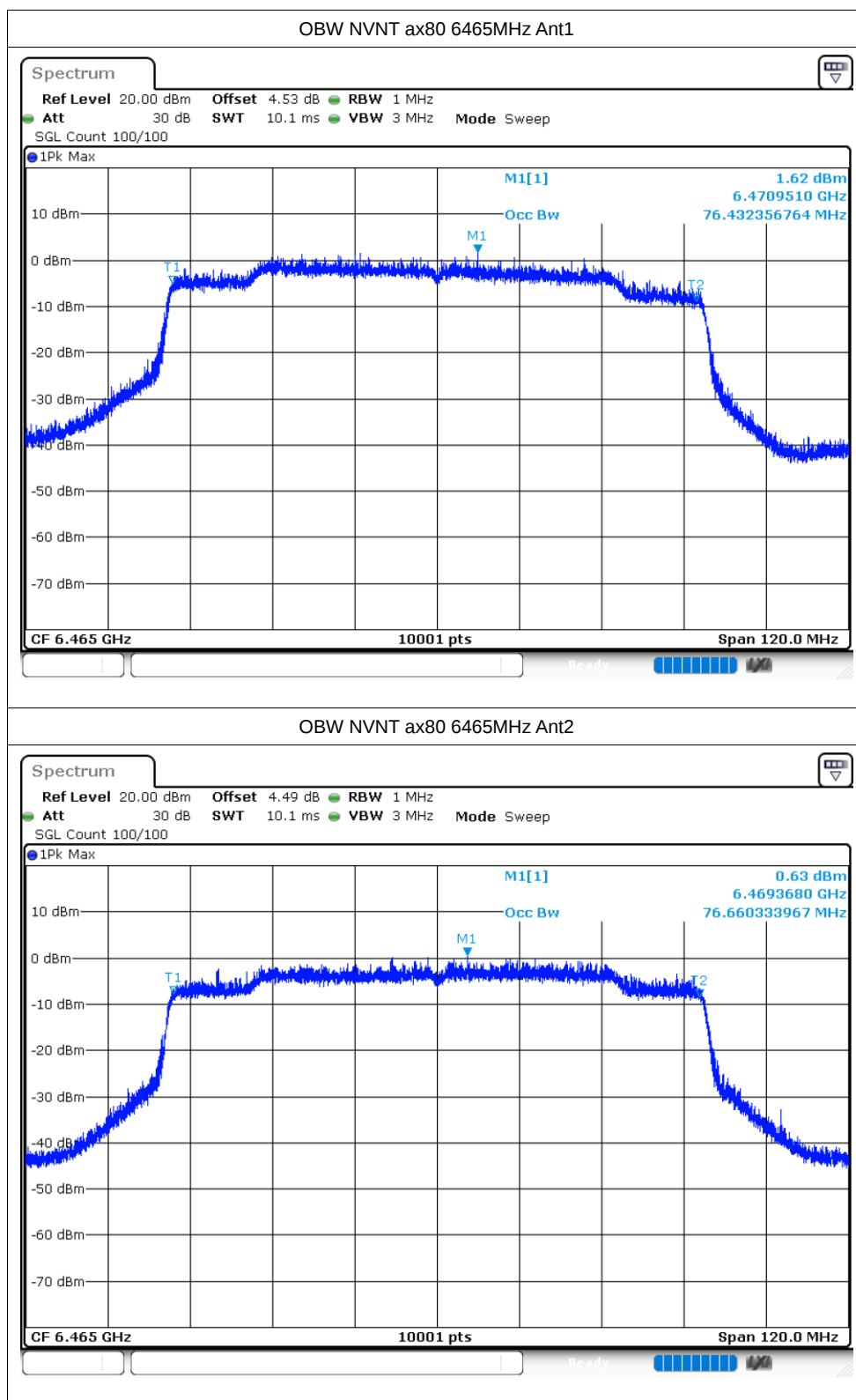










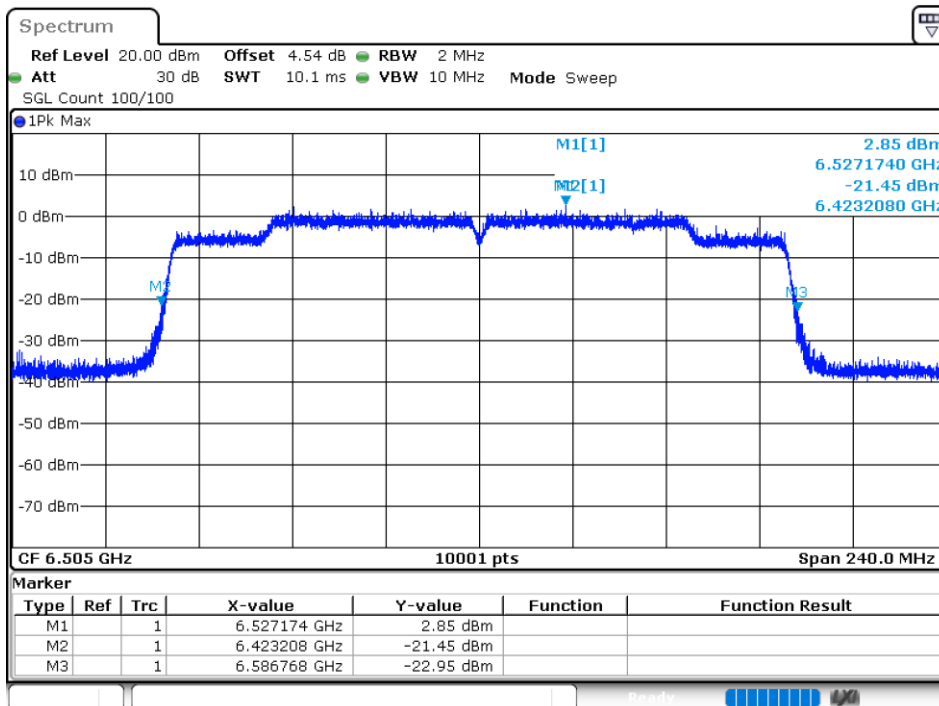


-26dB Bandwidth

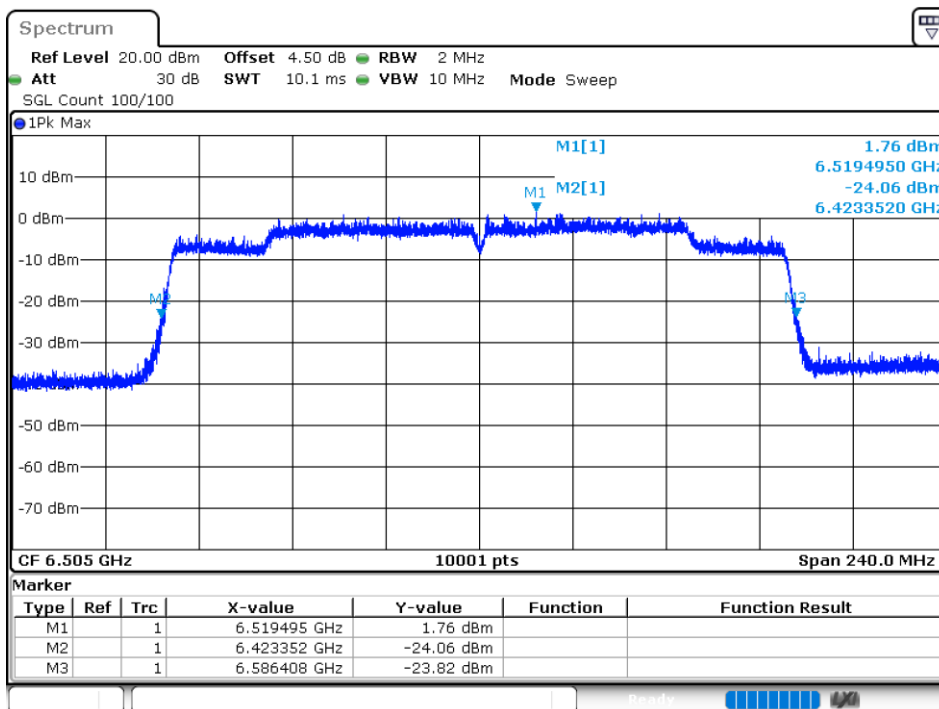
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	ax160	6505	Ant1	163.56	0.5	Pass
NVNT	ax160	6505	Ant2	163.056	0.5	Pass
NVNT	ax20	6435	Ant1	24.825	0.5	Pass
NVNT	ax20	6435	Ant2	24.297	0.5	Pass
NVNT	ax20	6475	Ant1	24.807	0.5	Pass
NVNT	ax20	6475	Ant2	24.222	0.5	Pass
NVNT	ax20	6515	Ant1	24.633	0.5	Pass
NVNT	ax20	6515	Ant2	25.059	0.5	Pass
NVNT	ax40	6445	Ant1	43.854	0.5	Pass
NVNT	ax40	6445	Ant2	45.324	0.5	Pass
NVNT	ax40	6485	Ant1	43.41	0.5	Pass
NVNT	ax40	6485	Ant2	45.468	0.5	Pass
NVNT	ax40	6525	Ant1	44.436	0.5	Pass
NVNT	ax40	6525	Ant2	44.64	0.5	Pass
NVNT	ax80	6465	Ant1	83.784	0.5	Pass
NVNT	ax80	6465	Ant2	82.56	0.5	Pass

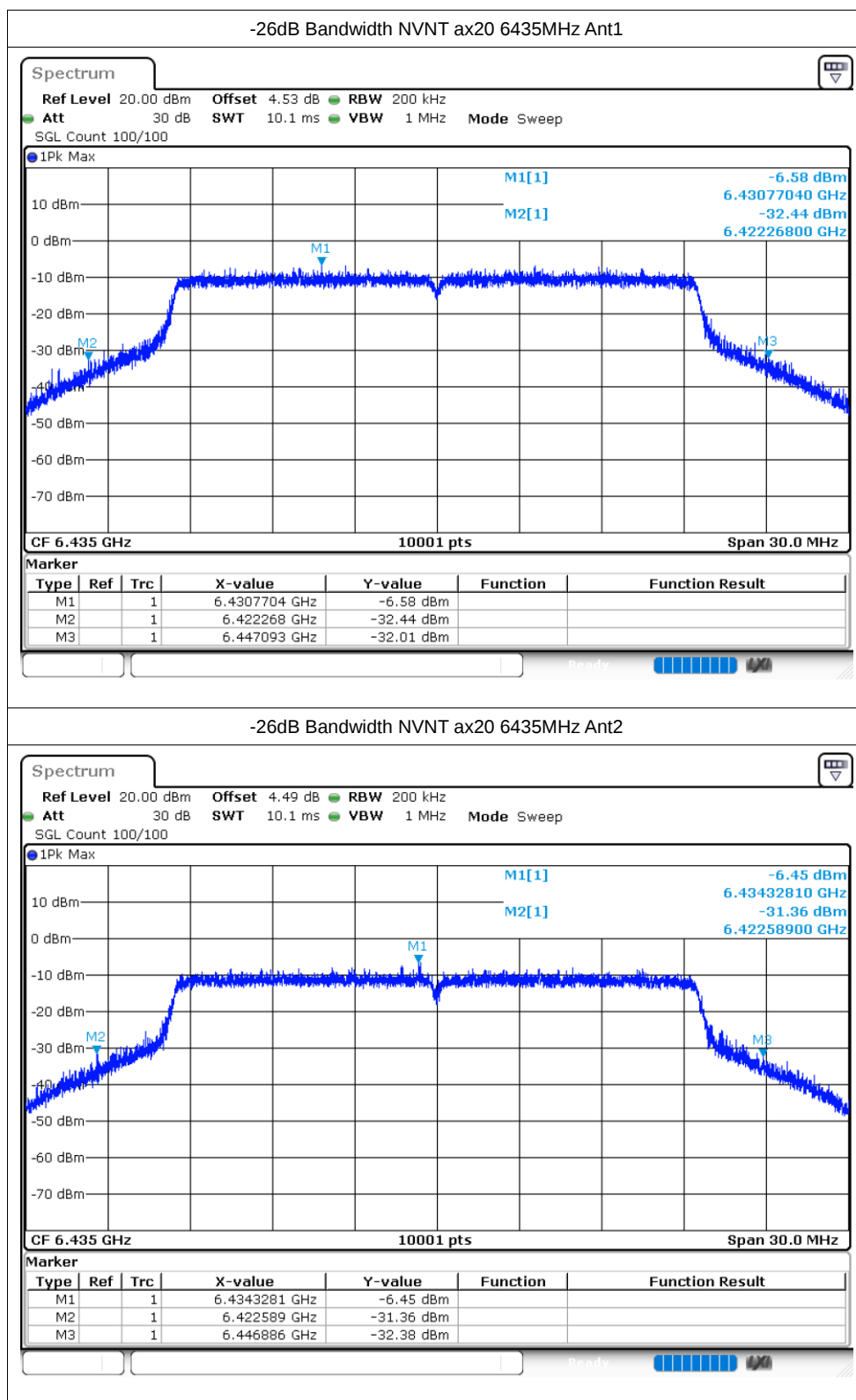
Test Graphs

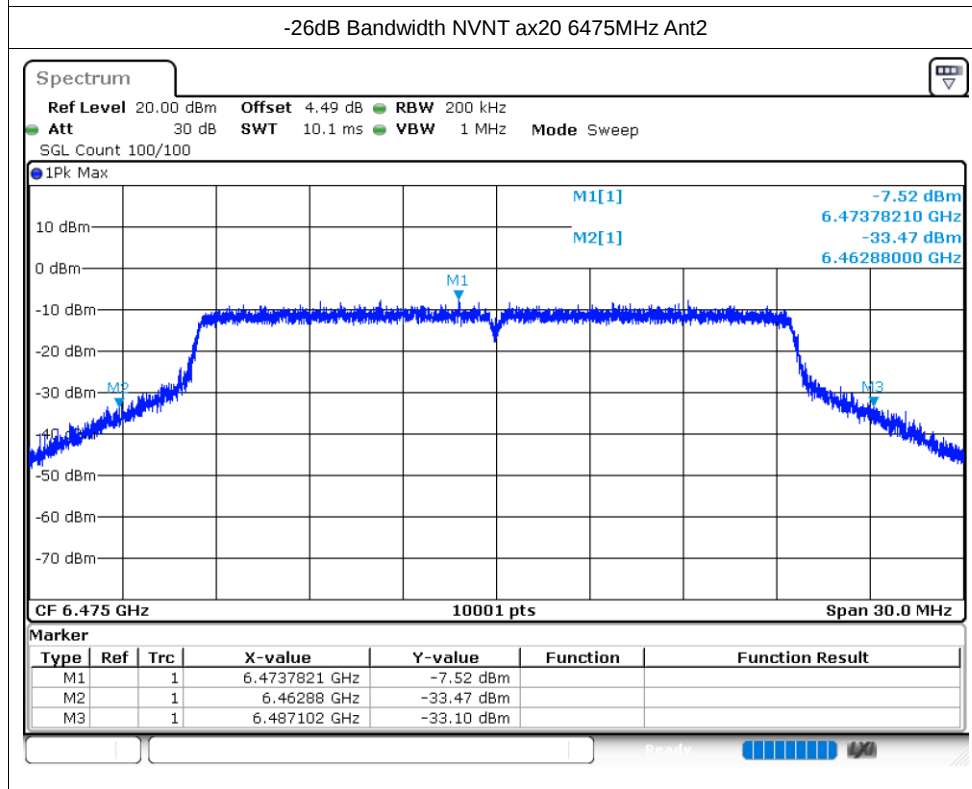
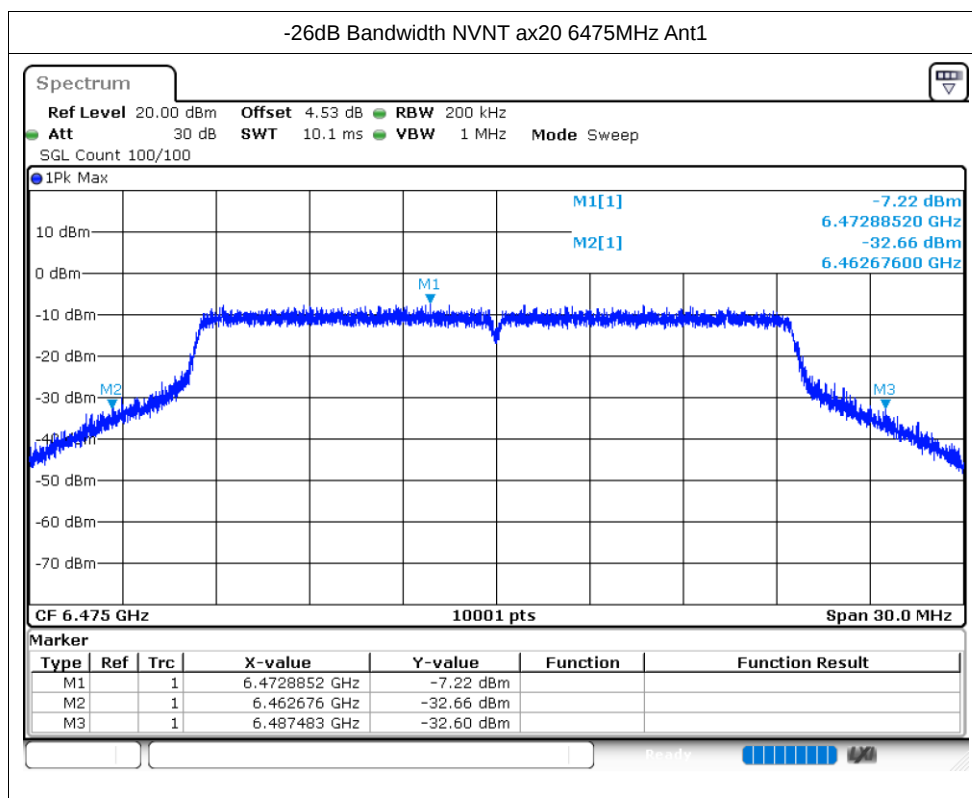
-26dB Bandwidth NVNT ax160 6505MHz Ant1

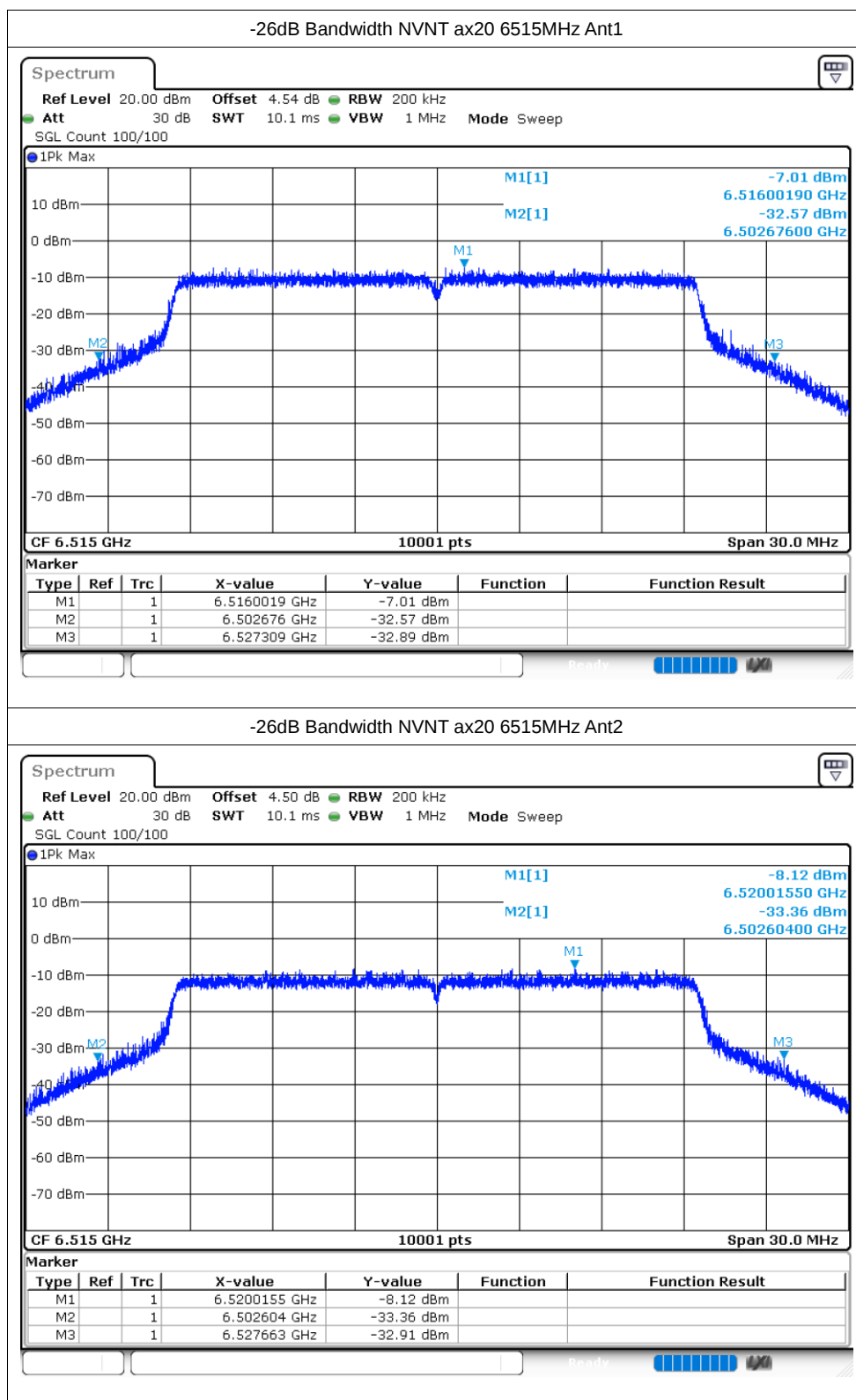


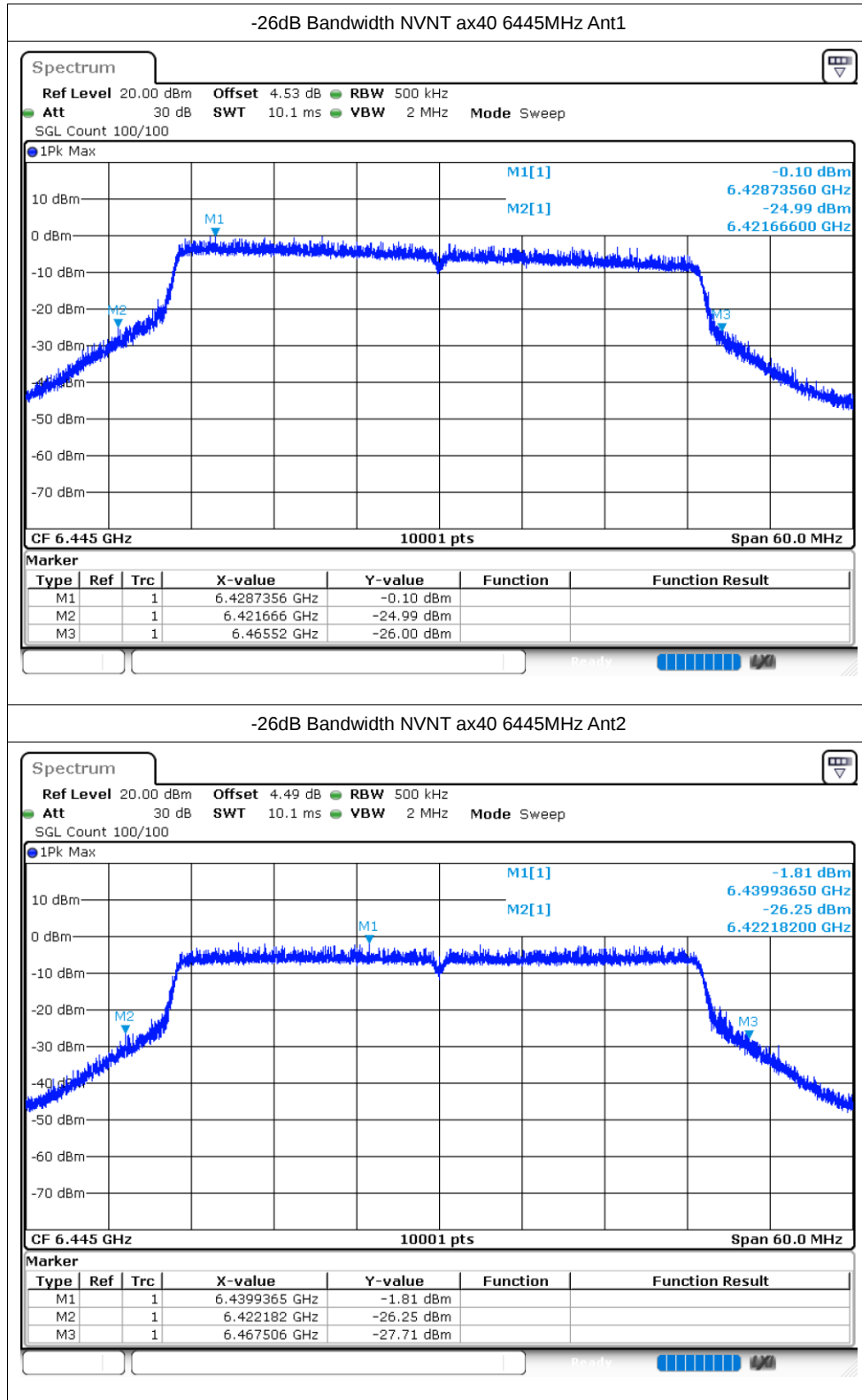
-26dB Bandwidth NVNT ax160 6505MHz Ant2

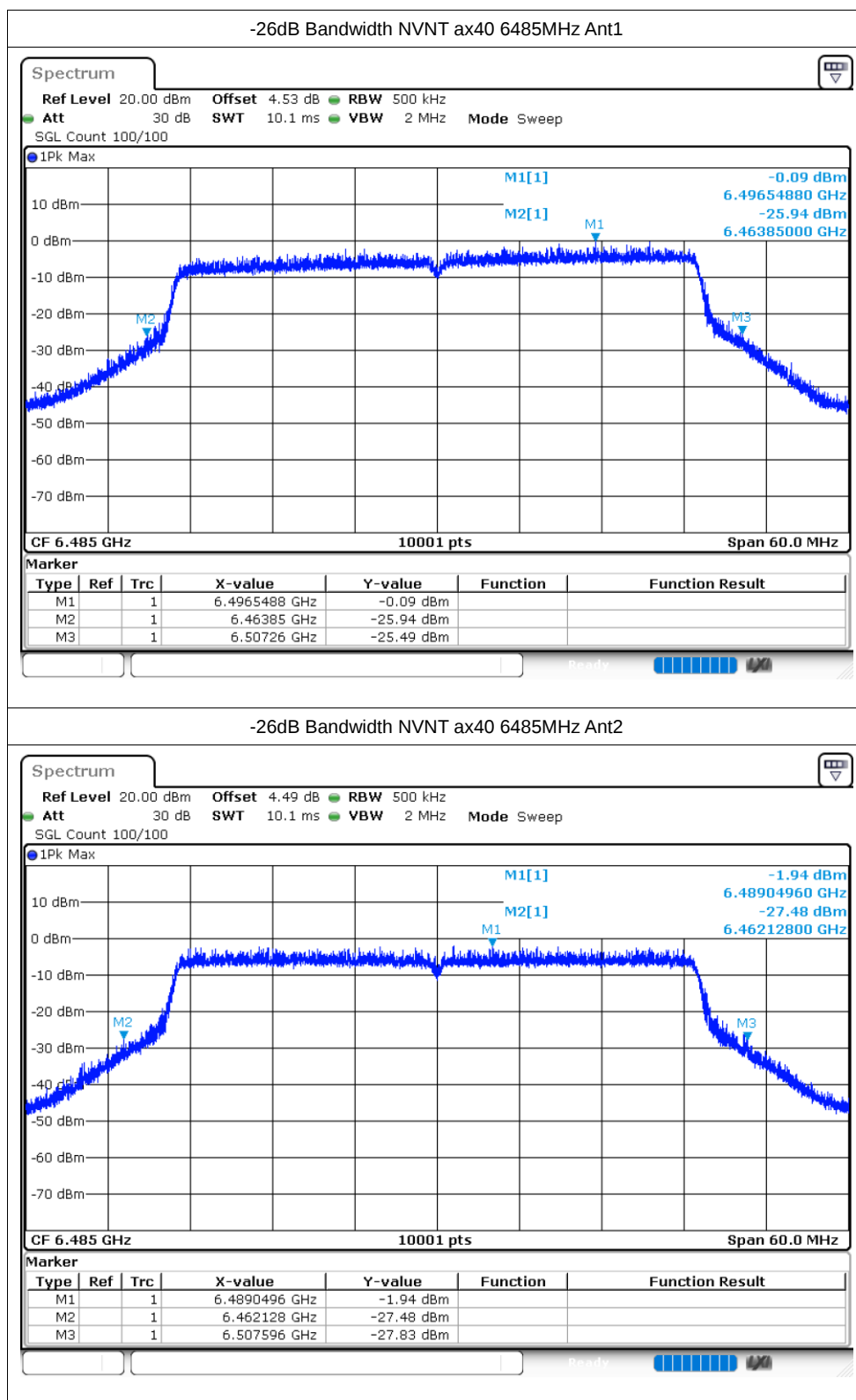


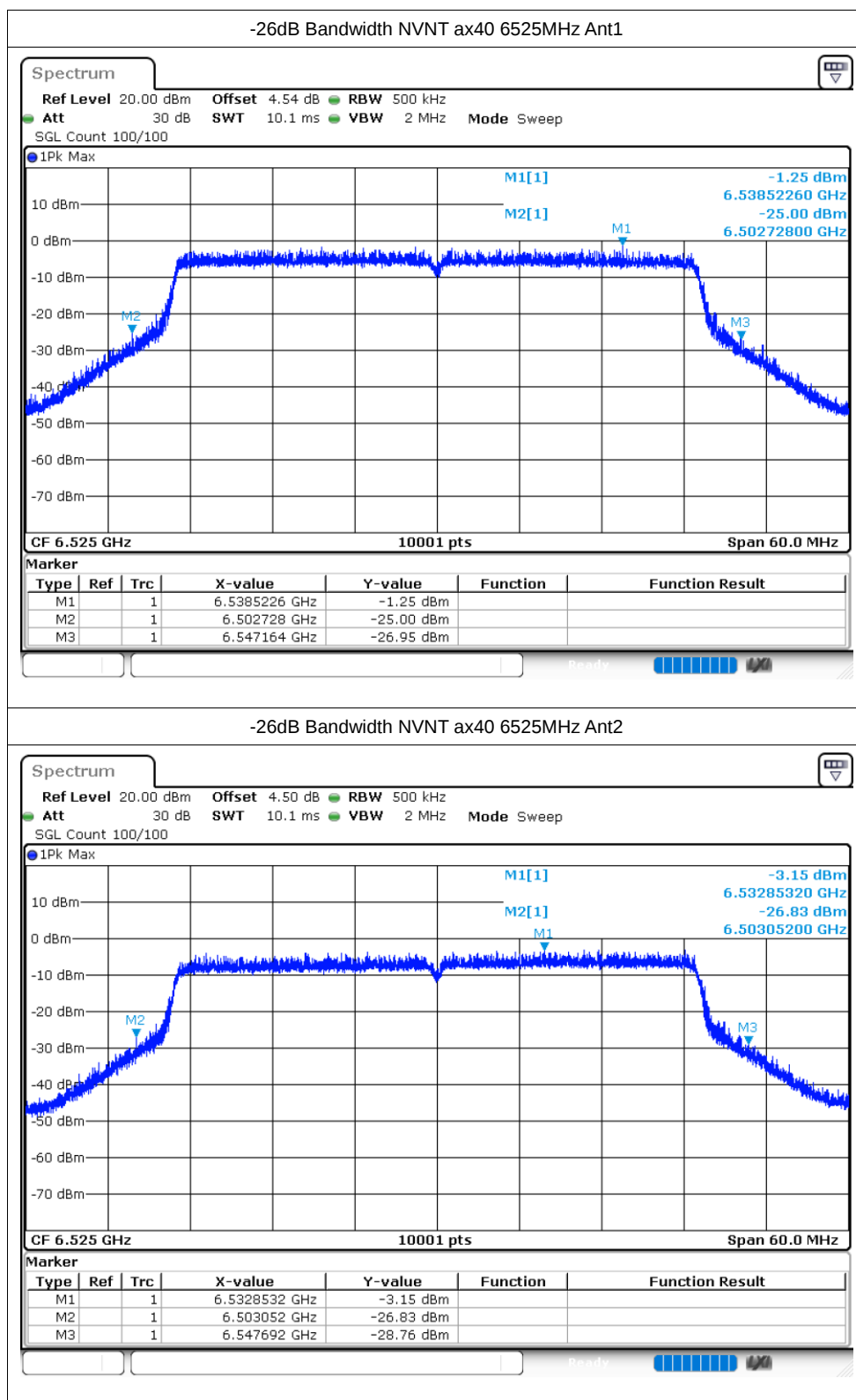


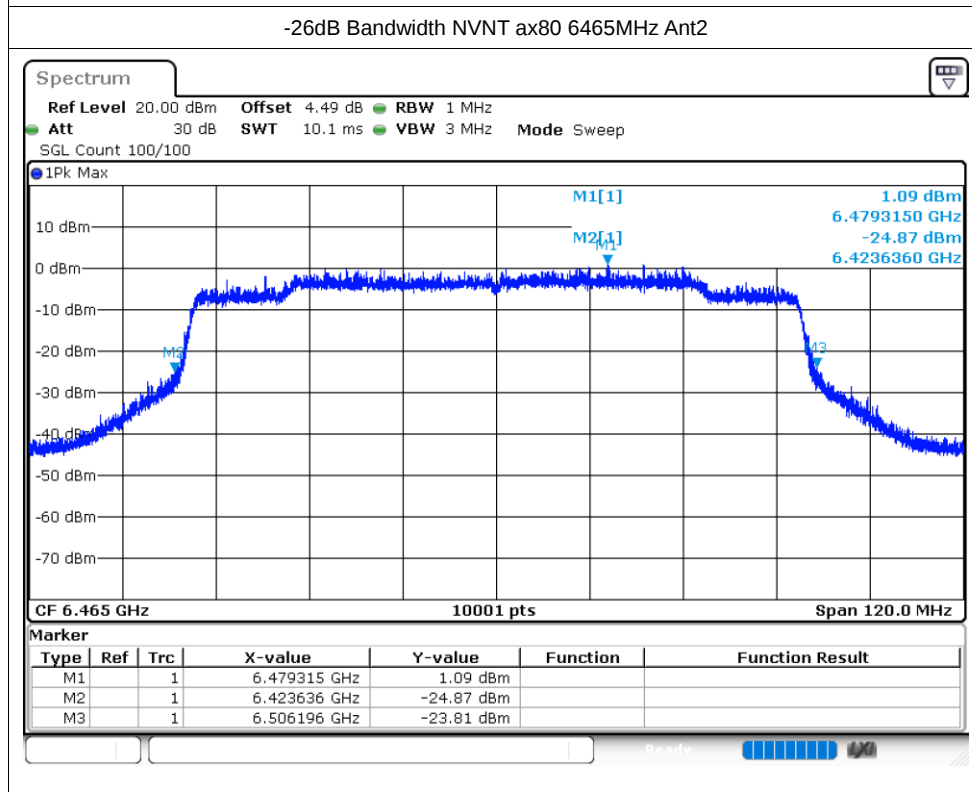
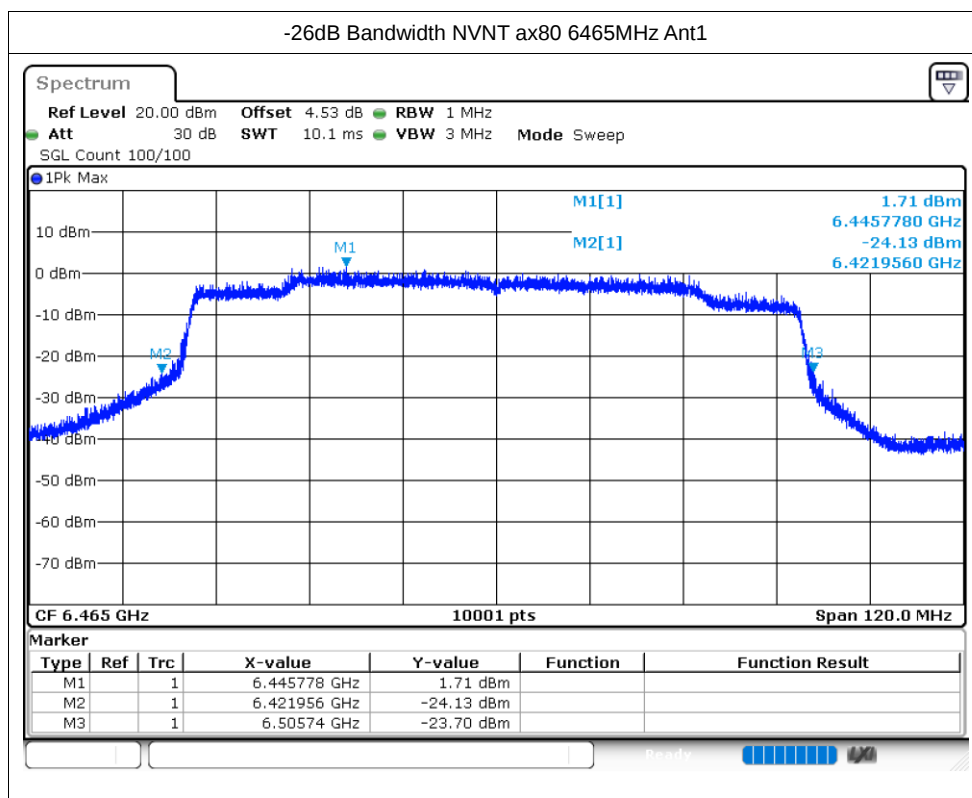












Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Gain (dBi)	eirp PSD (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6505	Ant1	-13.75	0	-13.75	4.88	-8.87	-1	Pass
NVNT	ax160	6505	Ant2	-14.65	0	-14.65	4.84	-9.81	-1	Pass
NVNT	ax160	6505	Sum					-6.30	-1	Pass
NVNT	ax20	6435	Ant1	-10.87	0	-10.87	4.88	-5.99	-1	Pass
NVNT	ax20	6435	Ant2	-11.5	0	-11.5	4.84	-6.66	-1	Pass
NVNT	ax20	6435	Sum					-3.30	-1	Pass
NVNT	ax20	6475	Ant1	-11.03	00	-11.03	4.88	-6.15	-1	Pass
NVNT	ax20	6475	Ant2	-11.47	00	-11.47	4.84	-6.63	-1	Pass
NVNT	ax20	6475	Sum					-3.37	-1	Pass
NVNT	ax20	6515	Ant1	-10.96	0	-10.96	4.88	-6.08	-1	Pass
NVNT	ax20	6515	Ant2	-11.55	0	-11.55	4.84	-6.71	-1	Pass
NVNT	ax20	6515	Sum					-3.37	-1	Pass
NVNT	ax40	6445	Ant1	-8.93	0	-8.93	4.88	-4.05	-1	Pass
NVNT	ax40	6445	Ant2	-11.01	0	-11.01	4.84	-6.17	-1	Pass
NVNT	ax40	6445	Sum					-1.97	-1	Pass
NVNT	ax40	6485	Ant1	-9.54	0	-9.54	4.88	-4.66	-1	Pass
NVNT	ax40	6485	Ant2	-10.98	0	-10.98	4.84	-6.14	-1	Pass
NVNT	ax40	6485	Sum					-2.33	-1	Pass
NVNT	ax40	6525	Ant1	-10.57	0	-10.57	4.88	-5.69	-1	Pass
NVNT	ax40	6525	Ant2	-11.18	0	-11.18	4.84	-6.34	-1	Pass
NVNT	ax40	6525	Sum					-2.99	-1	Pass
NVNT	ax80	6465	Ant1	-10.3	0	-10.3	4.88	-5.42	-1	Pass
NVNT	ax80	6465	Ant2	-11.85	0	-11.85	4.84	-7.01	-1	Pass
NVNT	ax80	6465	Sum					-3.13	-1	Pass

