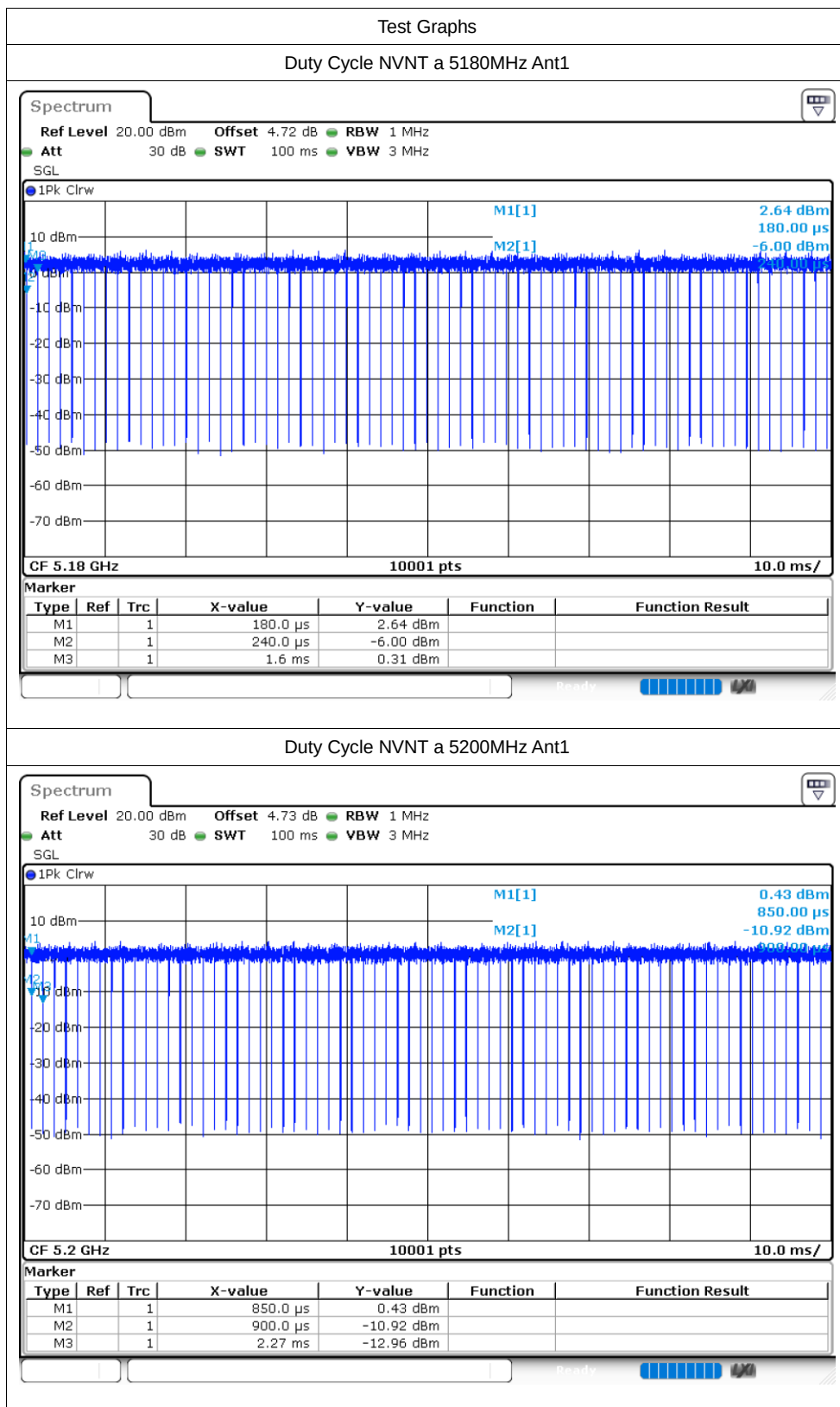
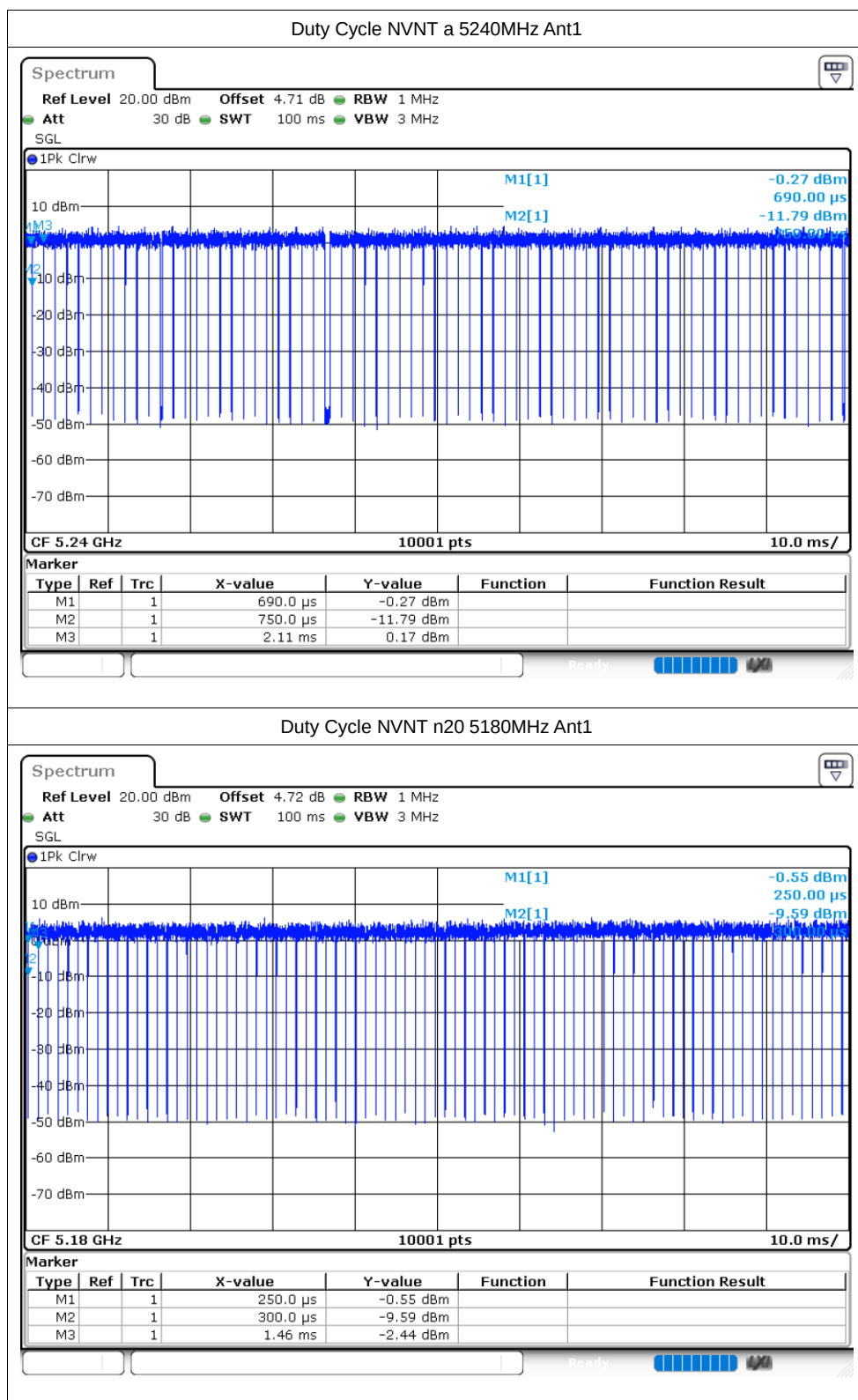


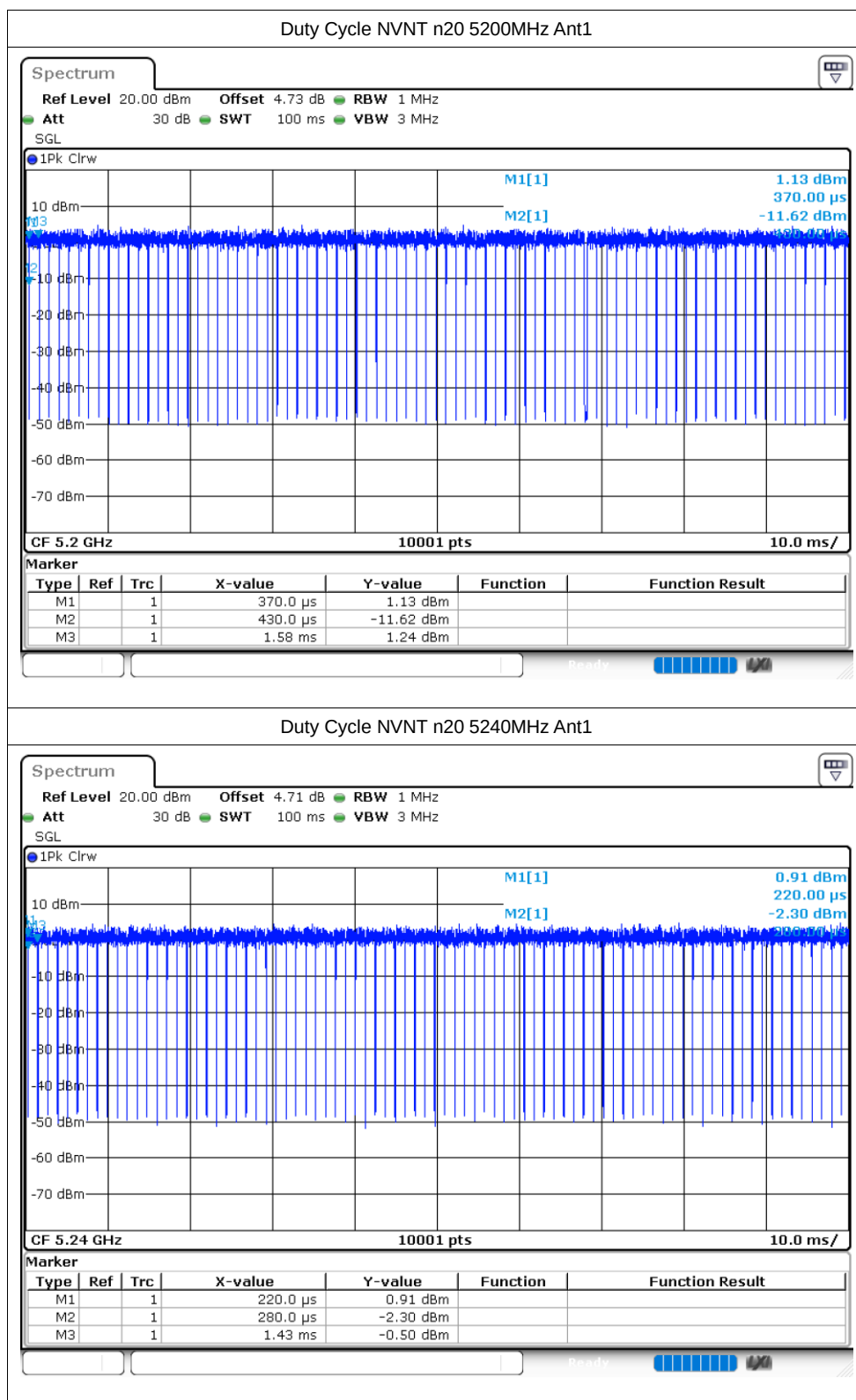
WIFI 5.2G

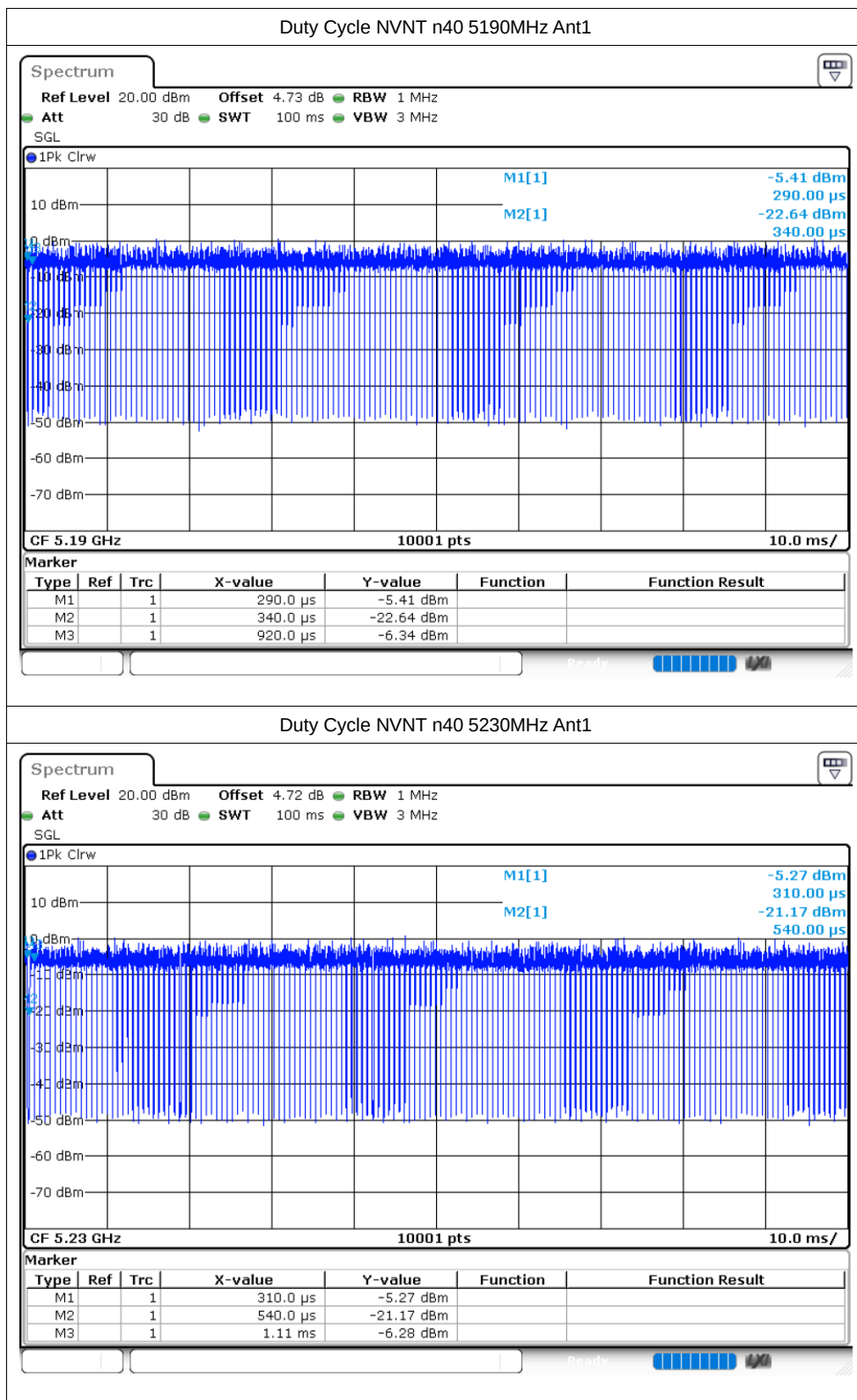
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	96.93	0.14	0.74
NVNT	a	5200	Ant1	96.95	0.13	0.73
NVNT	a	5240	Ant1	96.17	0.17	0.74
NVNT	n20	5180	Ant1	96.35	0.16	0.86
NVNT	n20	5200	Ant1	96.1	0.17	0.87
NVNT	n20	5240	Ant1	96.34	0.16	0.87
NVNT	n40	5190	Ant1	93.64	0.29	1.72
NVNT	n40	5230	Ant1	91.68	0.38	1.75









Maximum Conducted Output Power

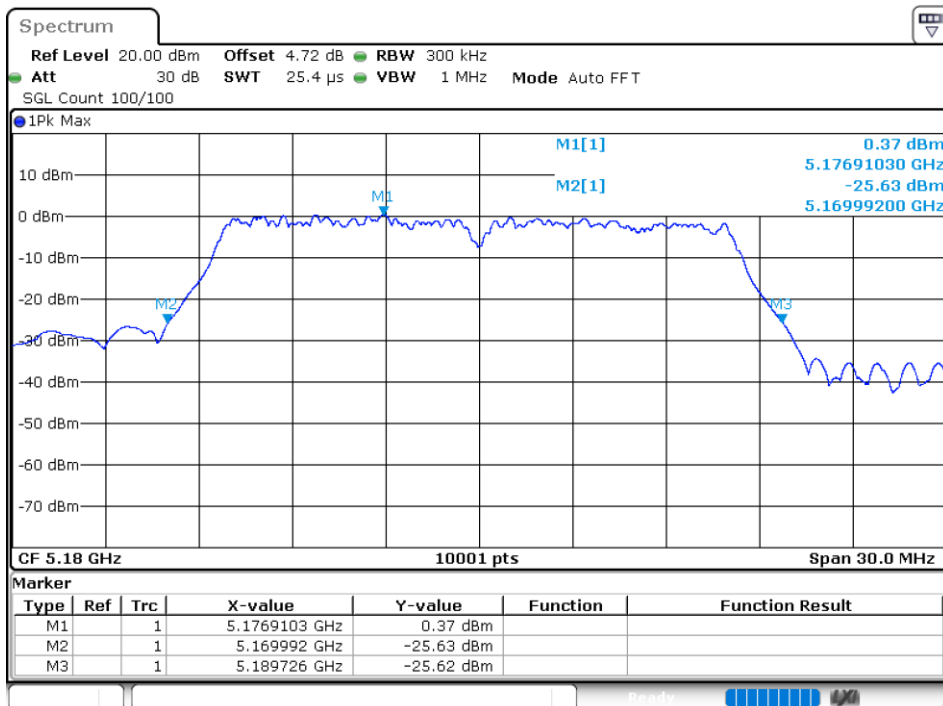
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	10.04	0.14	10.18	24	Pass
NVNT	a	5200	Ant1	9.32	0.13	9.45	24	Pass
NVNT	a	5240	Ant1	9.18	0.17	9.35	24	Pass
NVNT	n20	5180	Ant1	10.24	0.16	10.4	24	Pass
NVNT	n20	5200	Ant1	9.55	0.17	9.72	24	Pass
NVNT	n20	5240	Ant1	8.6	0.16	8.76	24	Pass
NVNT	n40	5190	Ant1	9.65	0.29	9.94	24	Pass
NVNT	n40	5230	Ant1	8.75	0.38	9.13	24	Pass

-26dB Bandwidth

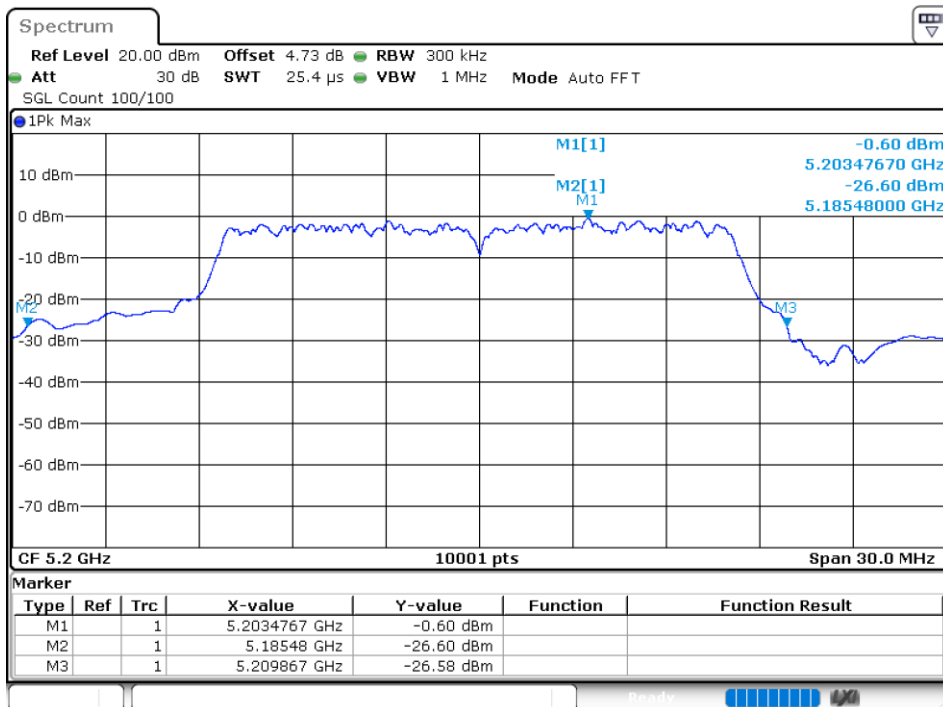
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.734	0.5	Pass
NVNT	a	5200	Ant1	24.387	0.5	Pass
NVNT	a	5240	Ant1	19.371	0.5	Pass
NVNT	n20	5180	Ant1	20.133	0.5	Pass
NVNT	n20	5200	Ant1	21.996	0.5	Pass
NVNT	n20	5240	Ant1	20.049	0.5	Pass
NVNT	n40	5190	Ant1	52.674	0.5	Pass
NVNT	n40	5230	Ant1	47.604	0.5	Pass

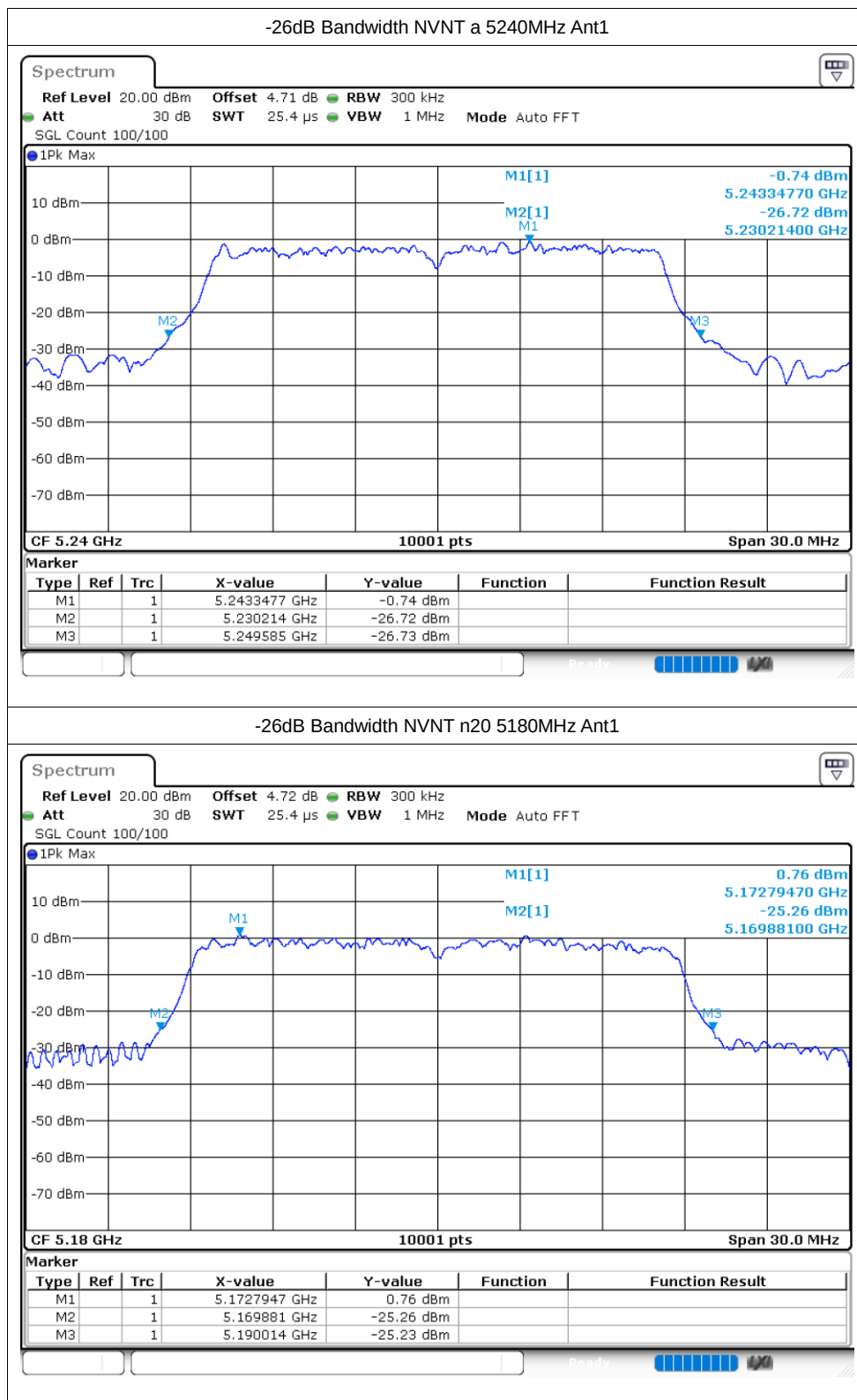
Test Graphs

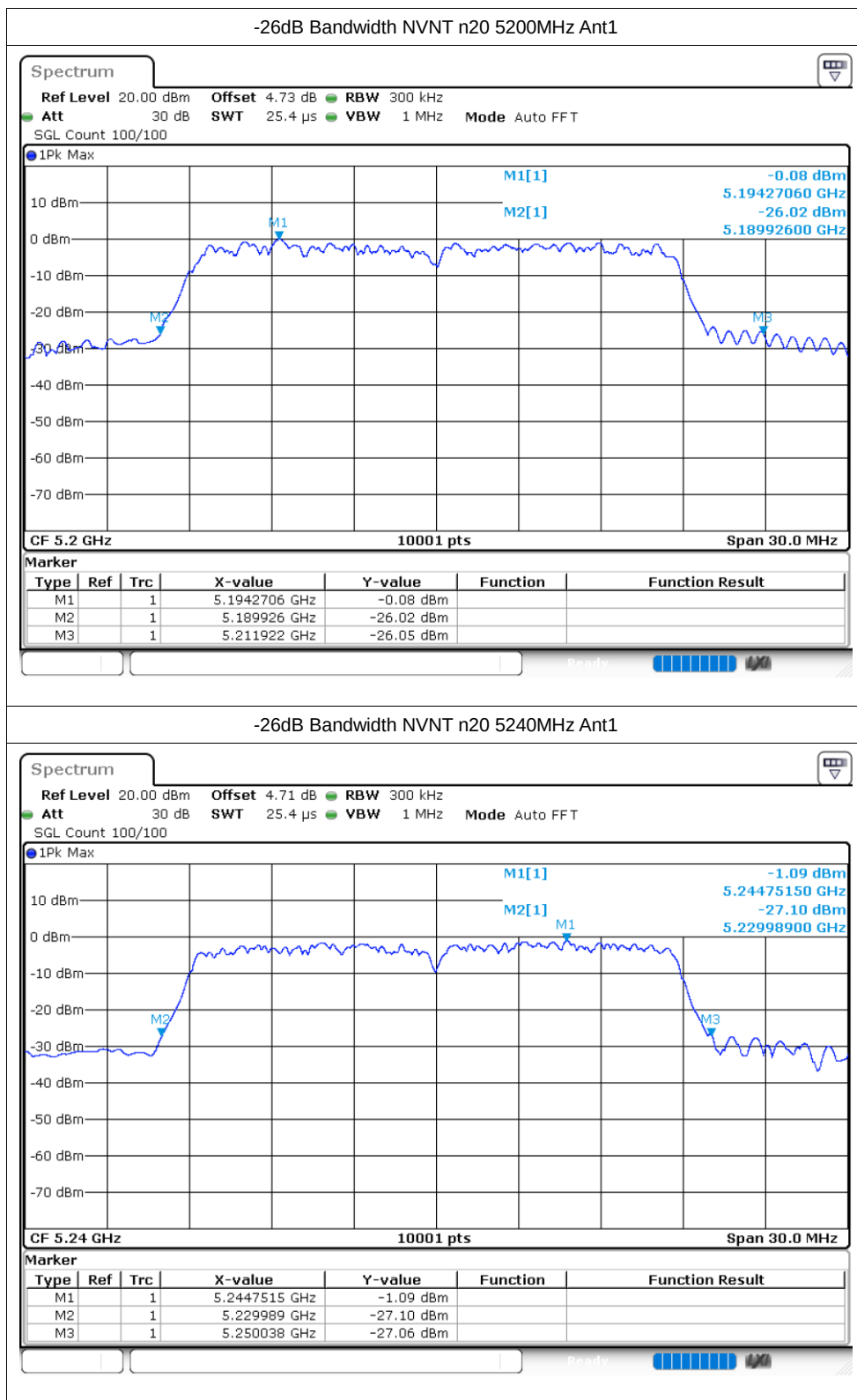
-26dB Bandwidth NVNT a 5180MHz Ant1

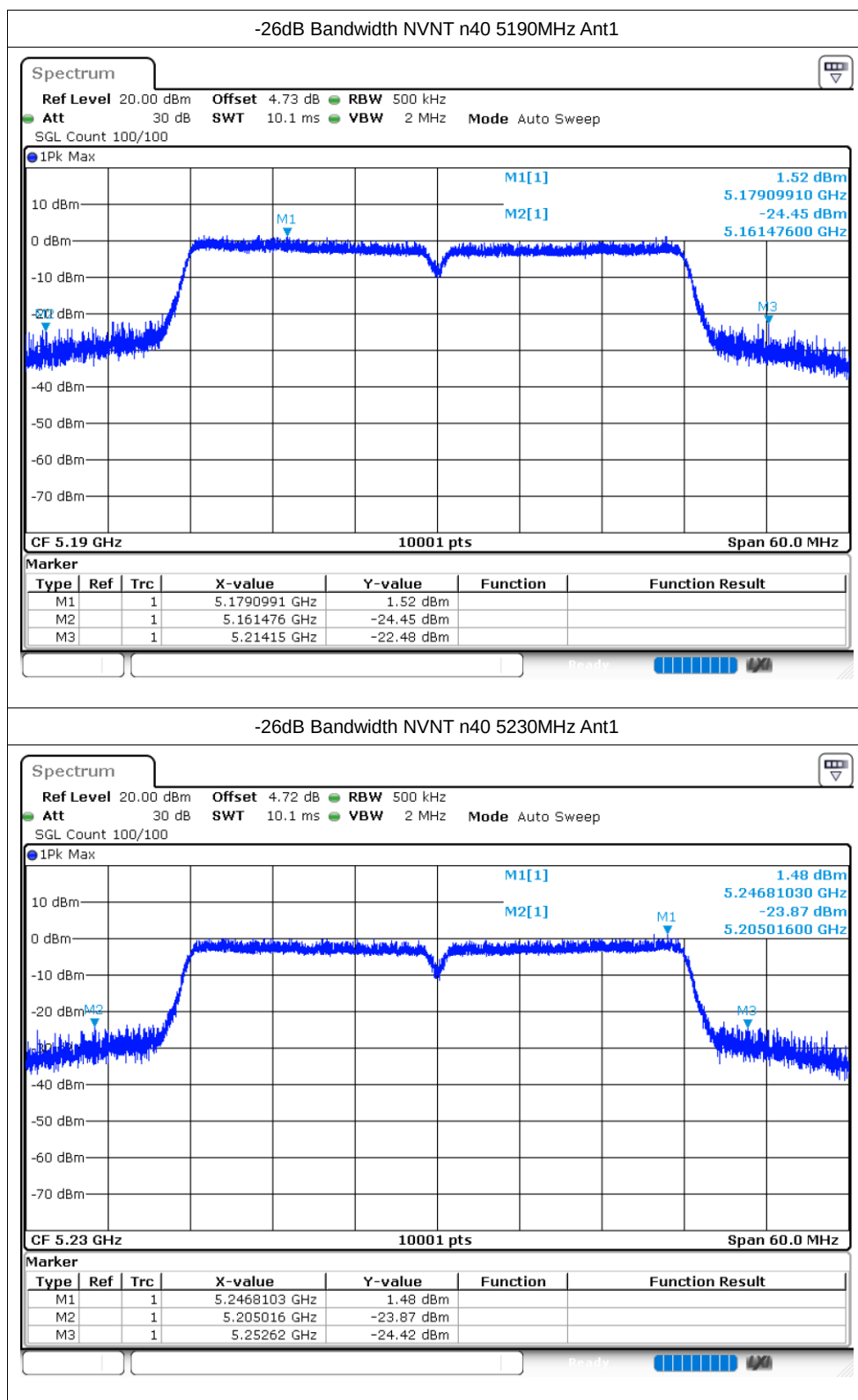


-26dB Bandwidth NVNT a 5200MHz Ant1







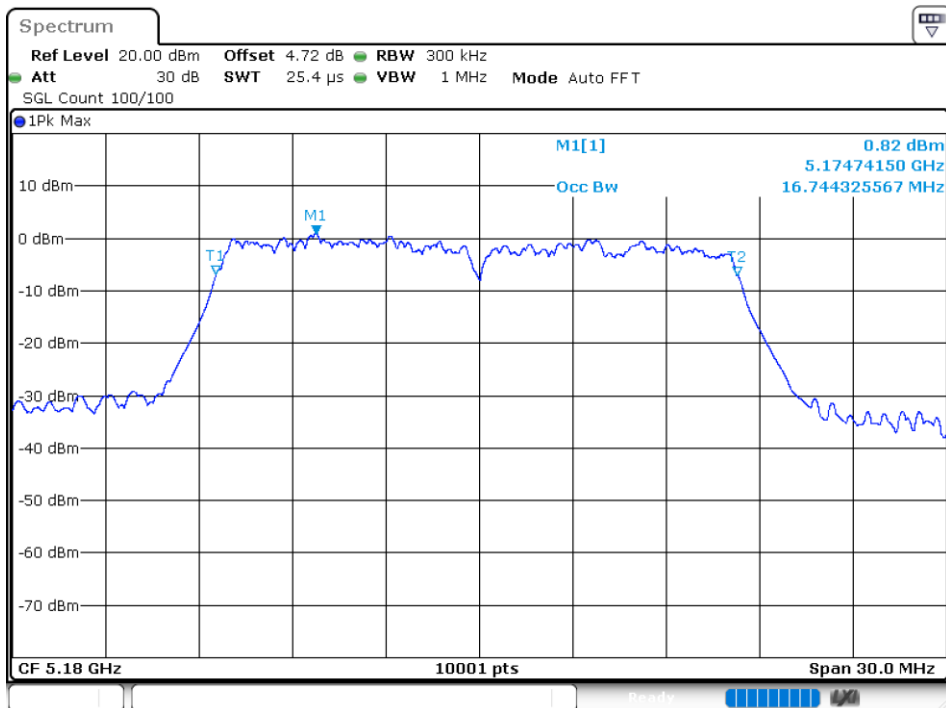


Occupied Channel Bandwidth

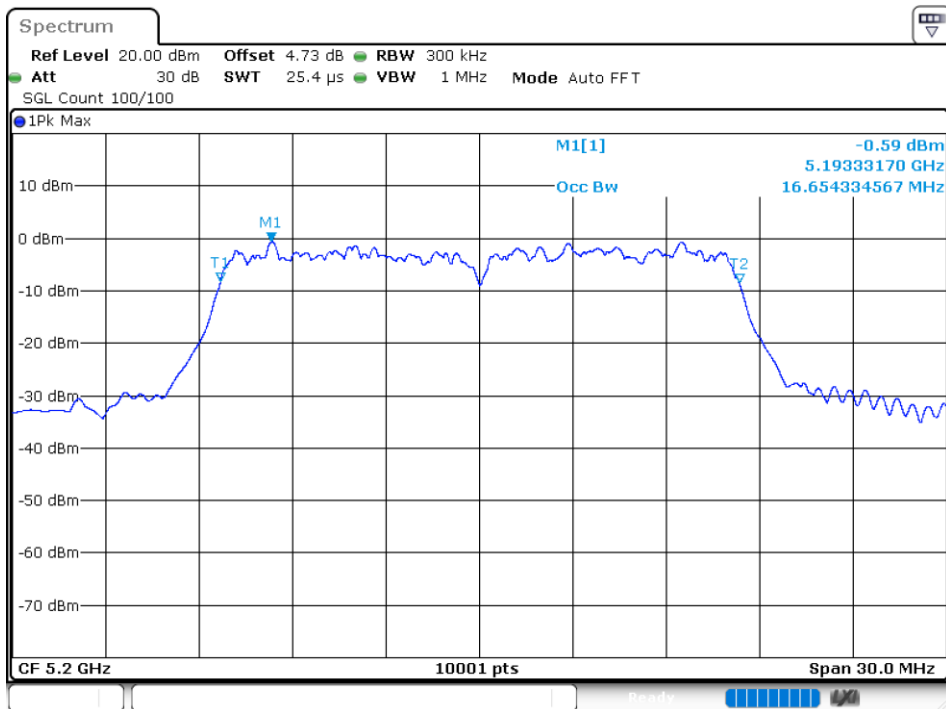
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.744
NVNT	a	5200	Ant1	16.654
NVNT	a	5240	Ant1	16.675
NVNT	n20	5180	Ant1	17.644
NVNT	n20	5200	Ant1	17.65
NVNT	n20	5240	Ant1	17.572
NVNT	n40	5190	Ant1	36.404
NVNT	n40	5230	Ant1	36.374

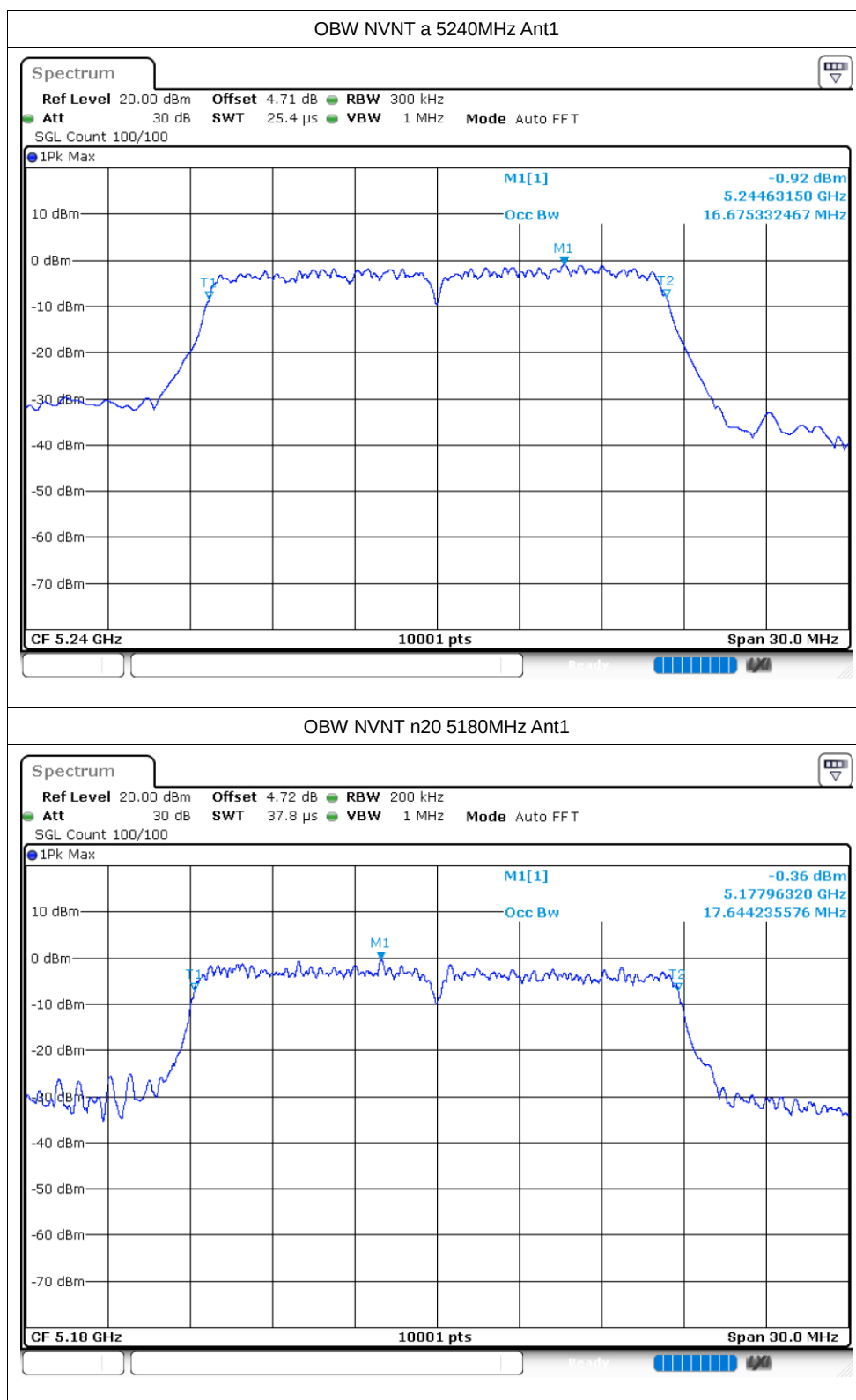
Test Graphs

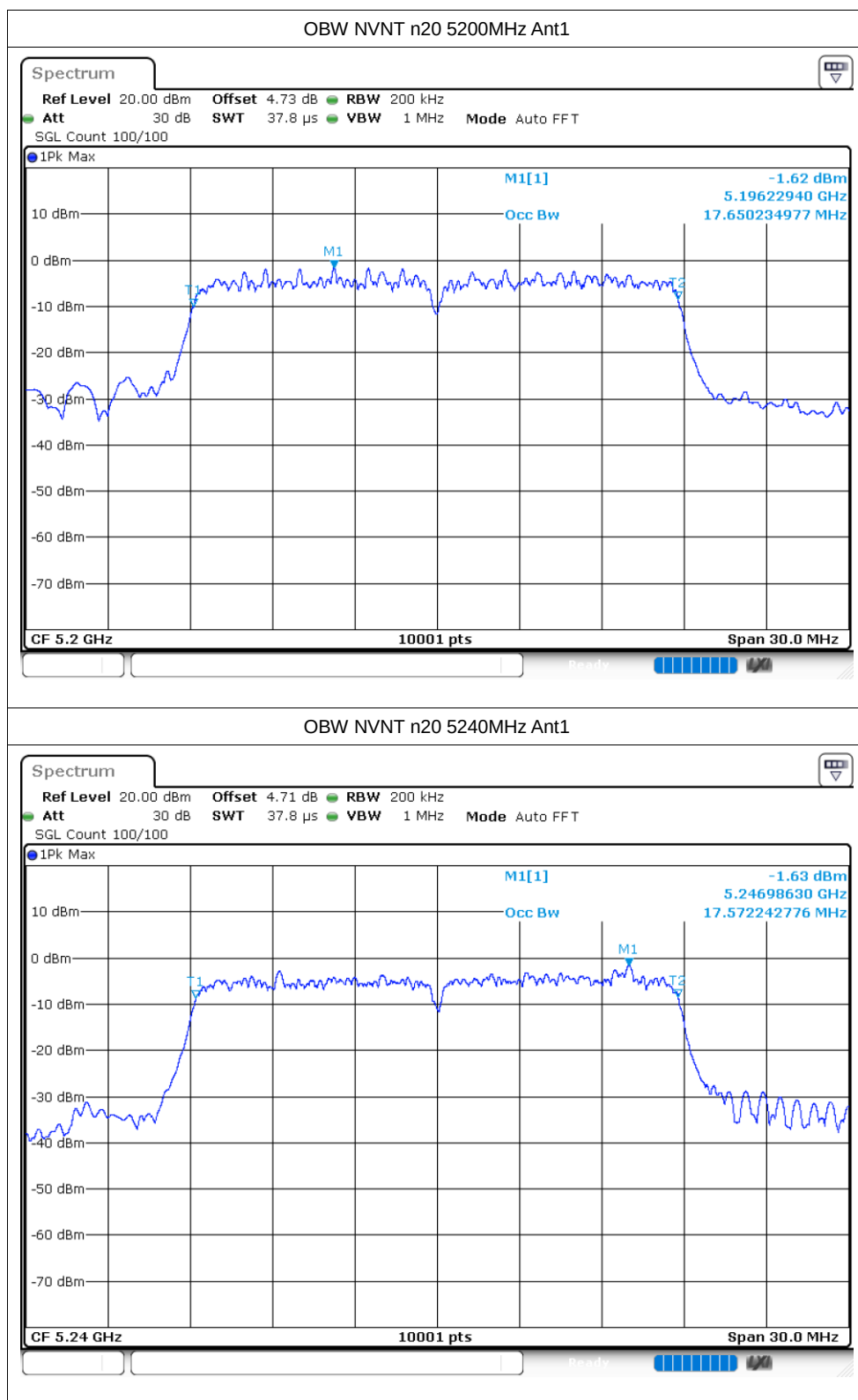
OBW NVNT a 5180MHz Ant1

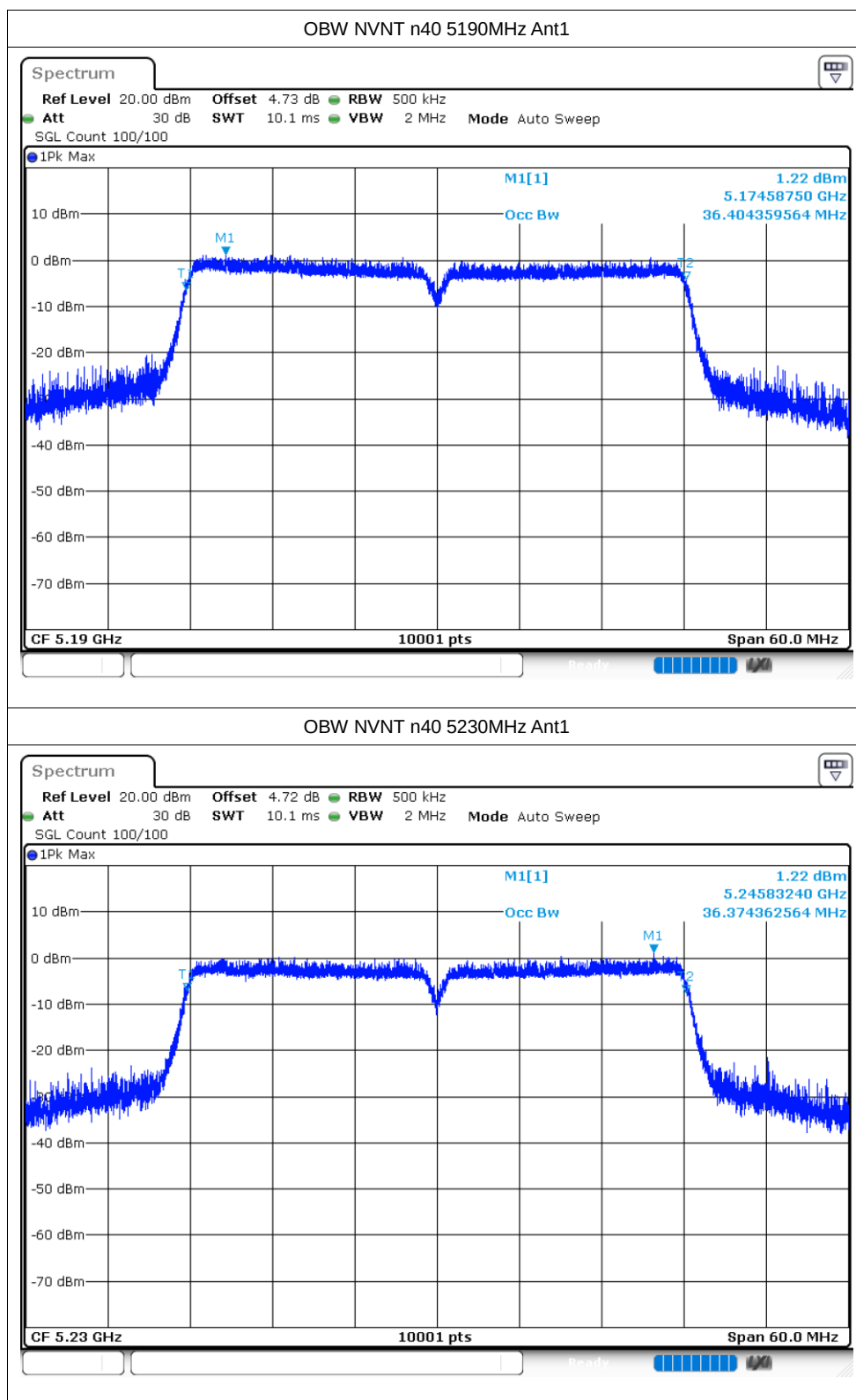


OBW NVNT a 5200MHz Ant1







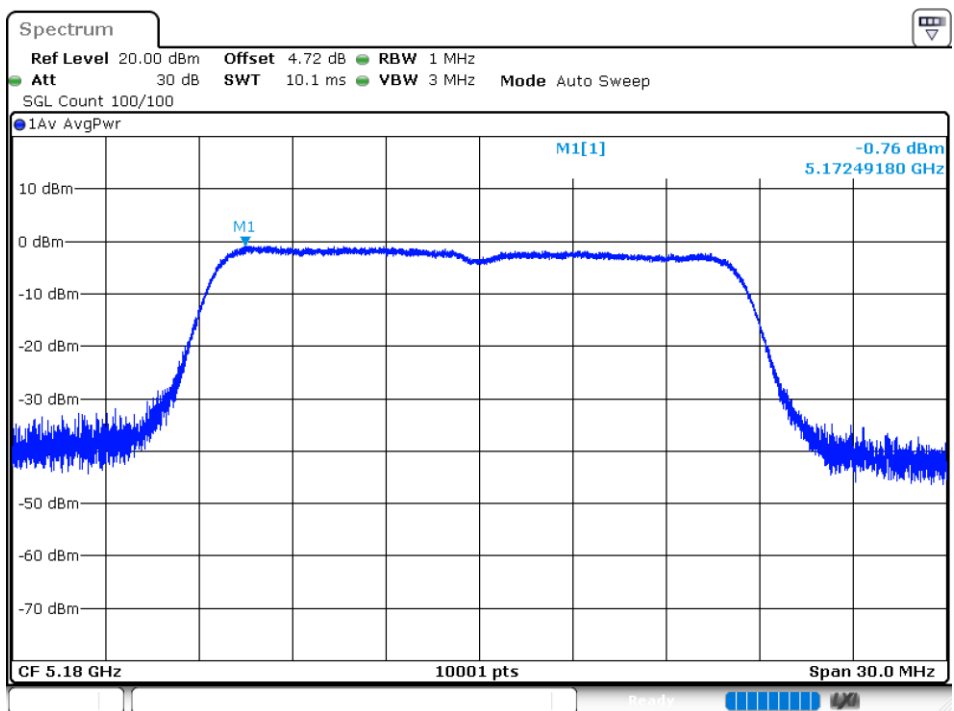


Maximum Power Spectral Density Level

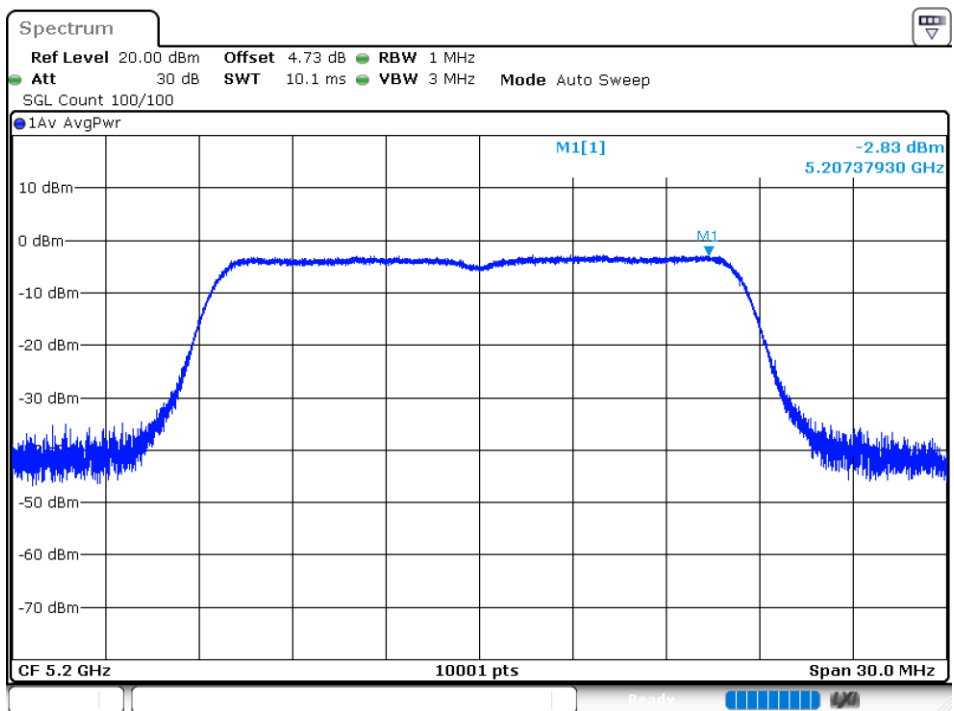
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-0.76	0.14	-0.62	11	Pass
NVNT	a	5200	Ant1	-2.83	0.13	-2.7	11	Pass
NVNT	a	5240	Ant1	-2.34	0.17	-2.17	11	Pass
NVNT	n20	5180	Ant1	-0.49	0.16	-0.33	11	Pass
NVNT	n20	5200	Ant1	-2.28	0.17	-2.11	11	Pass
NVNT	n20	5240	Ant1	-2.64	0.16	-2.48	11	Pass
NVNT	n40	5190	Ant1	-4.39	0.29	-4.1	11	Pass
NVNT	n40	5230	Ant1	-5.53	0.38	-5.15	11	Pass

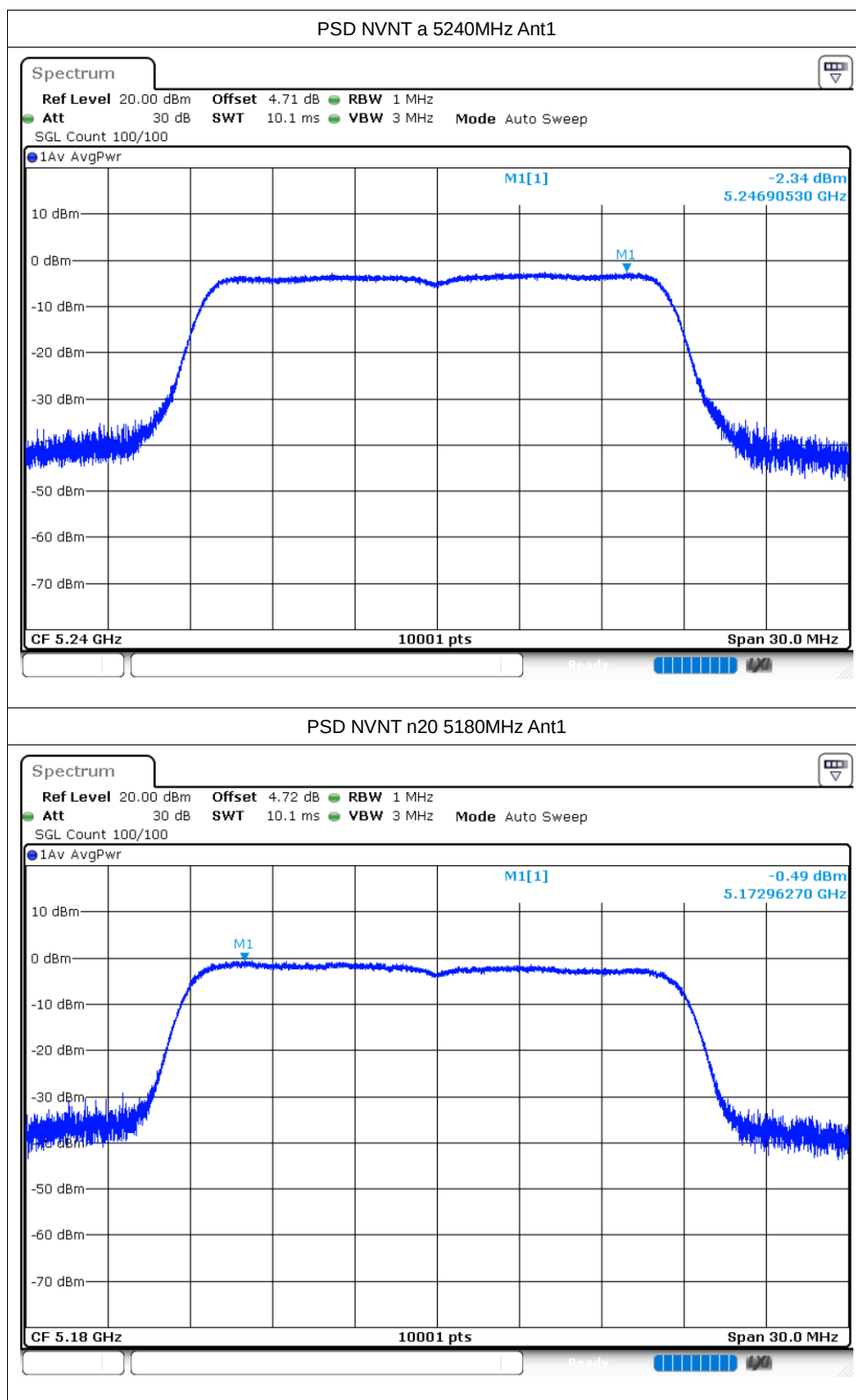
Test Graphs

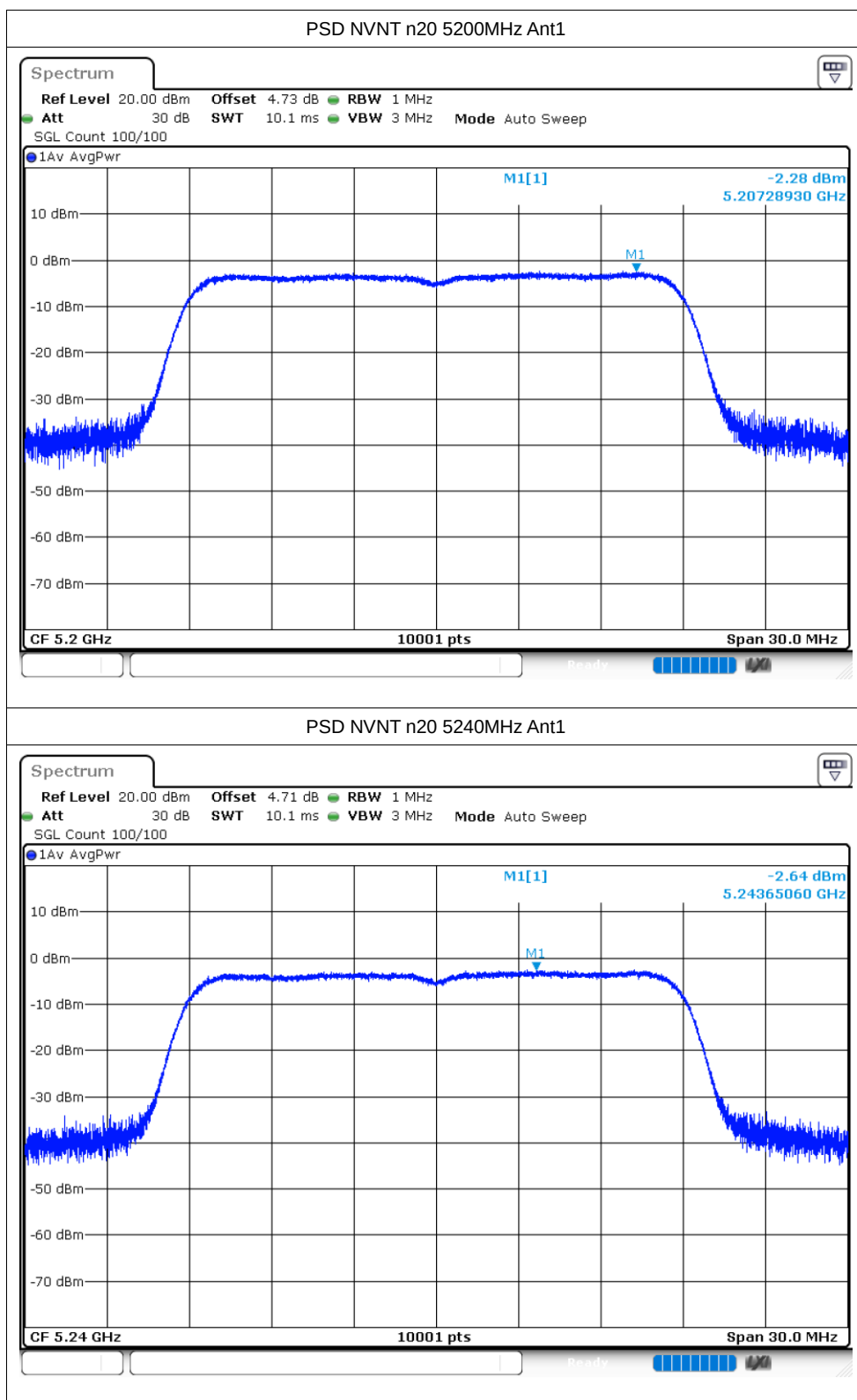
PSD NVNT a 5180MHz Ant1

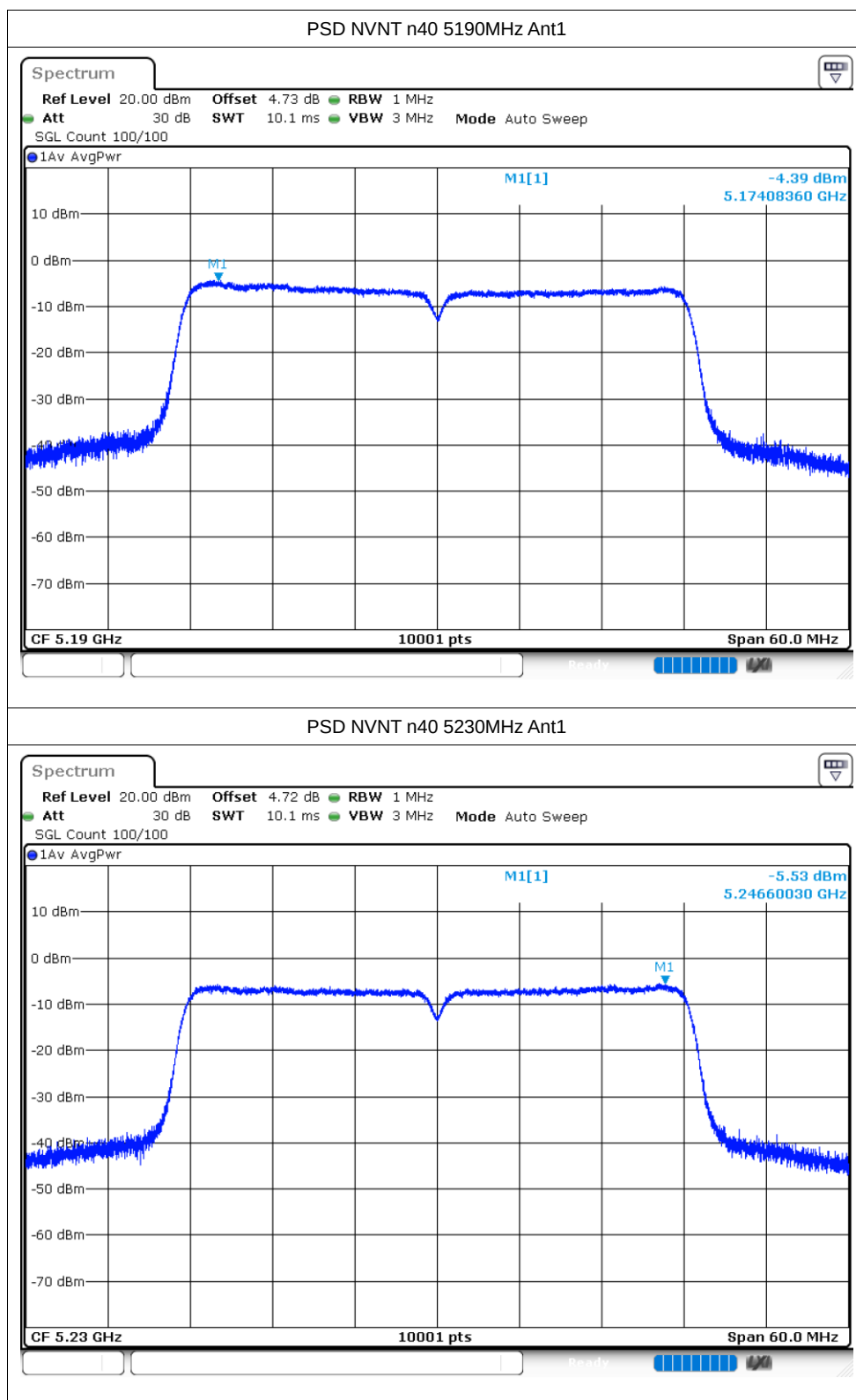


PSD NVNT a 5200MHz Ant1



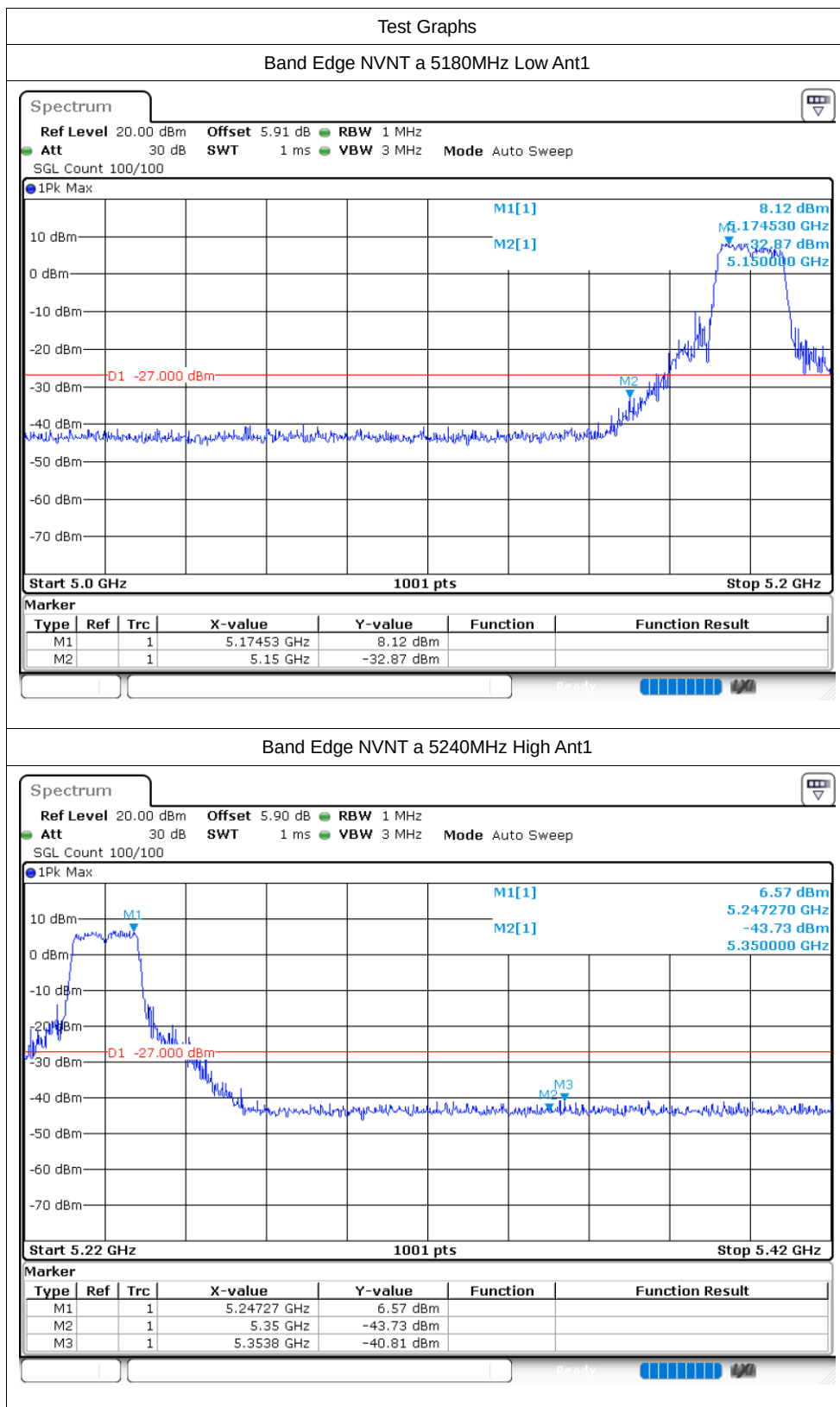


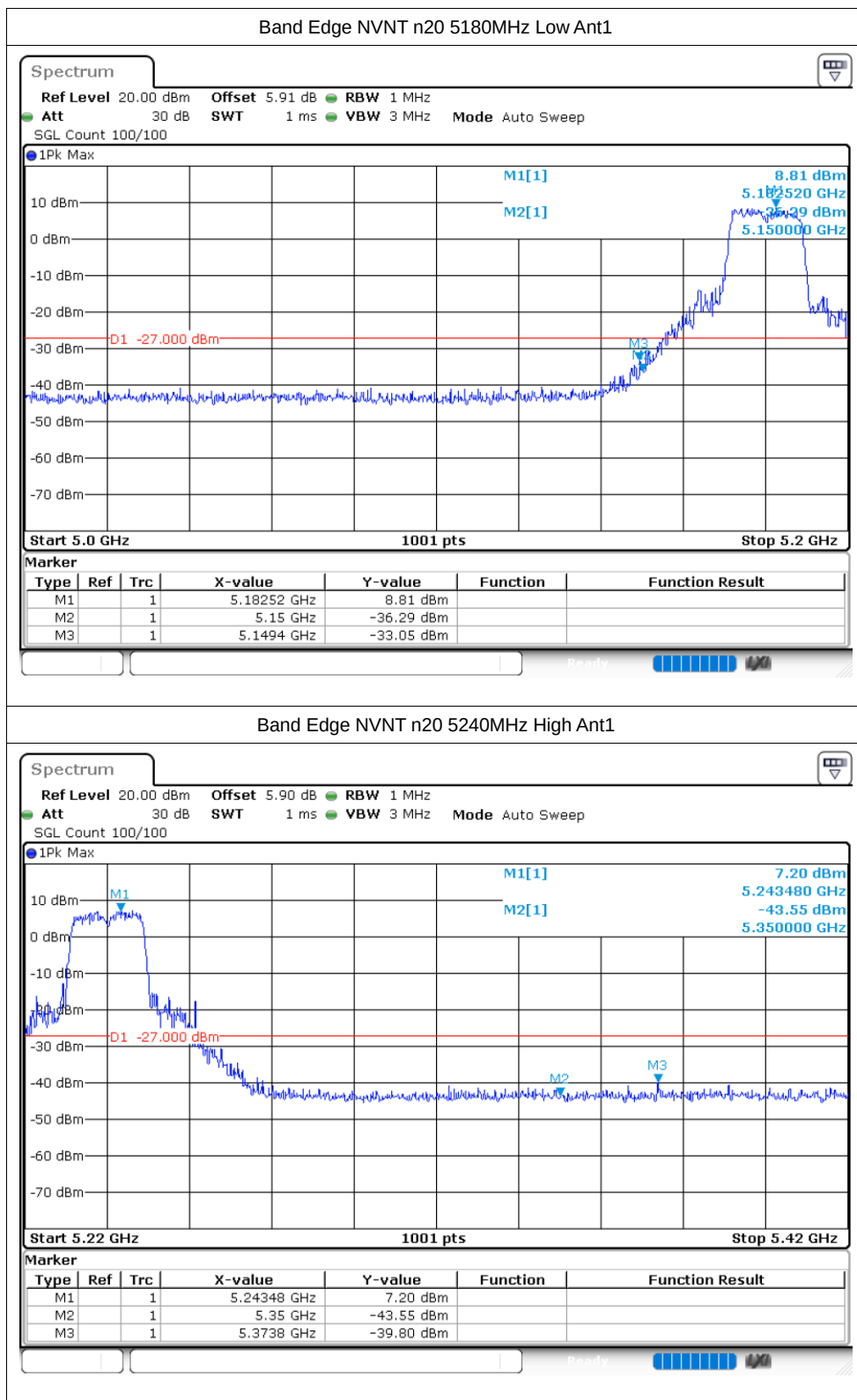


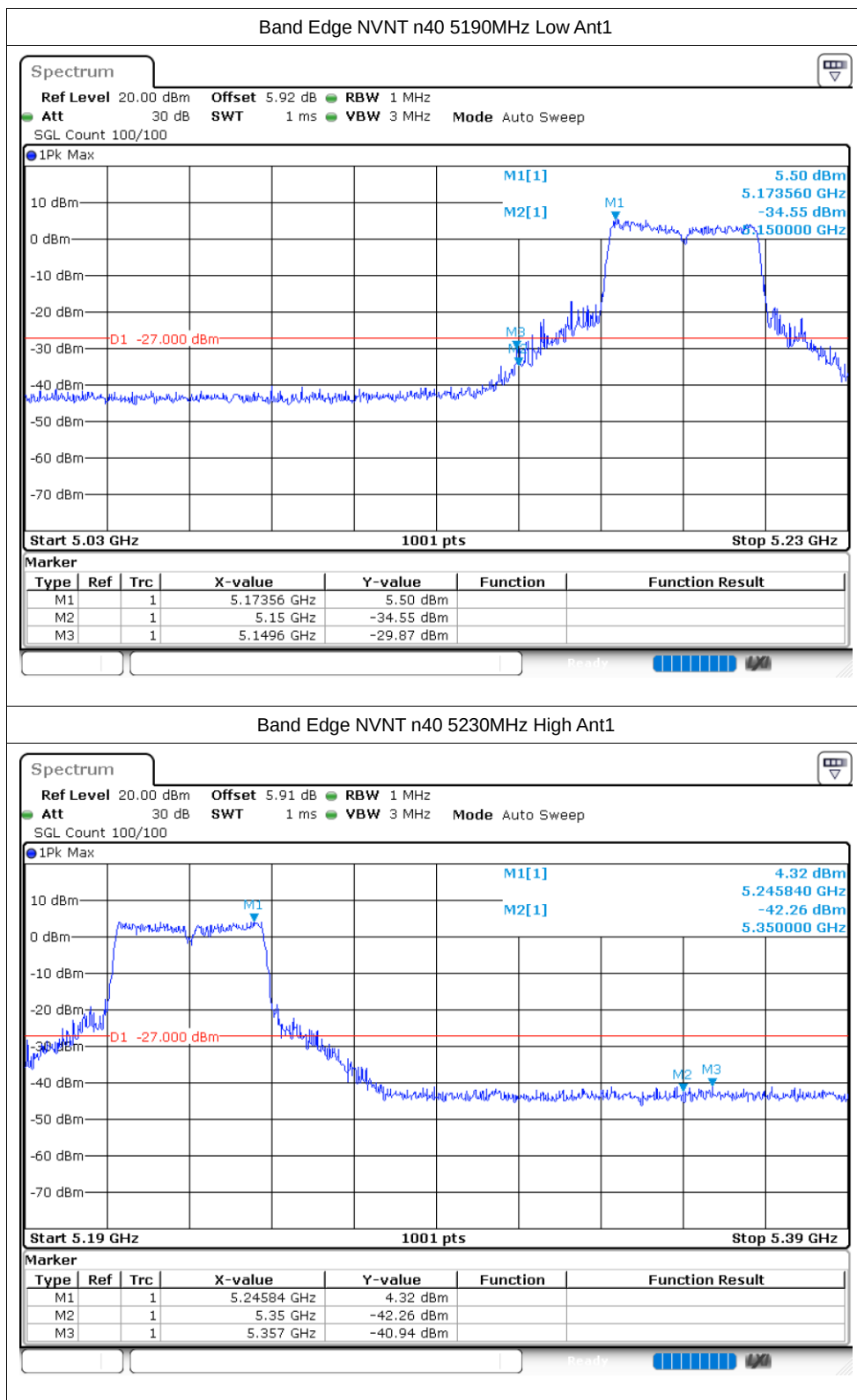


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-32.86	-27	Pass
NVNT	a	5240	Ant1	-40.8	-27	Pass
NVNT	n20	5180	Ant1	-33.04	-27	Pass
NVNT	n20	5240	Ant1	-39.8	-27	Pass
NVNT	n40	5190	Ant1	-29.86	-27	Pass
NVNT	n40	5230	Ant1	-40.94	-27	Pass

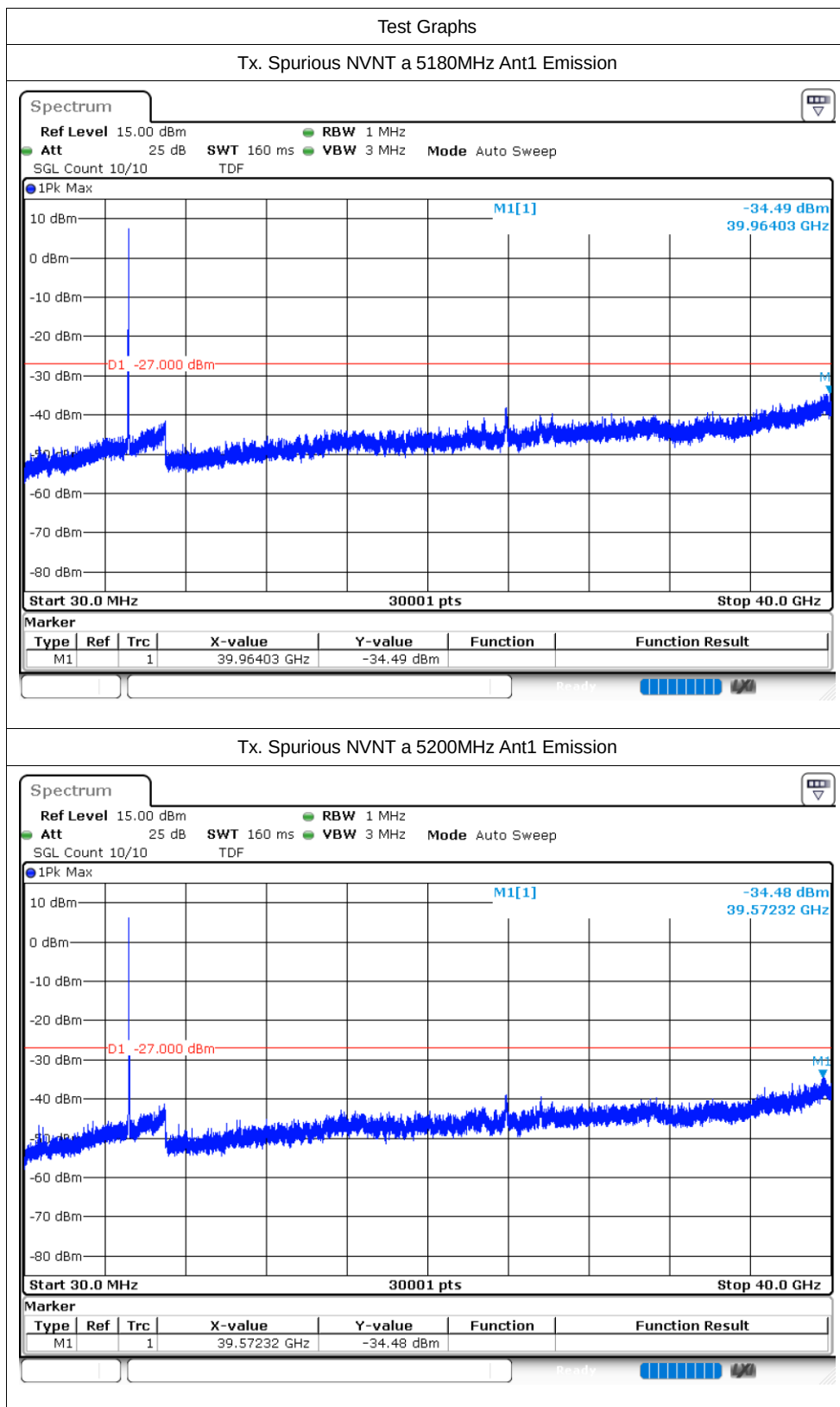


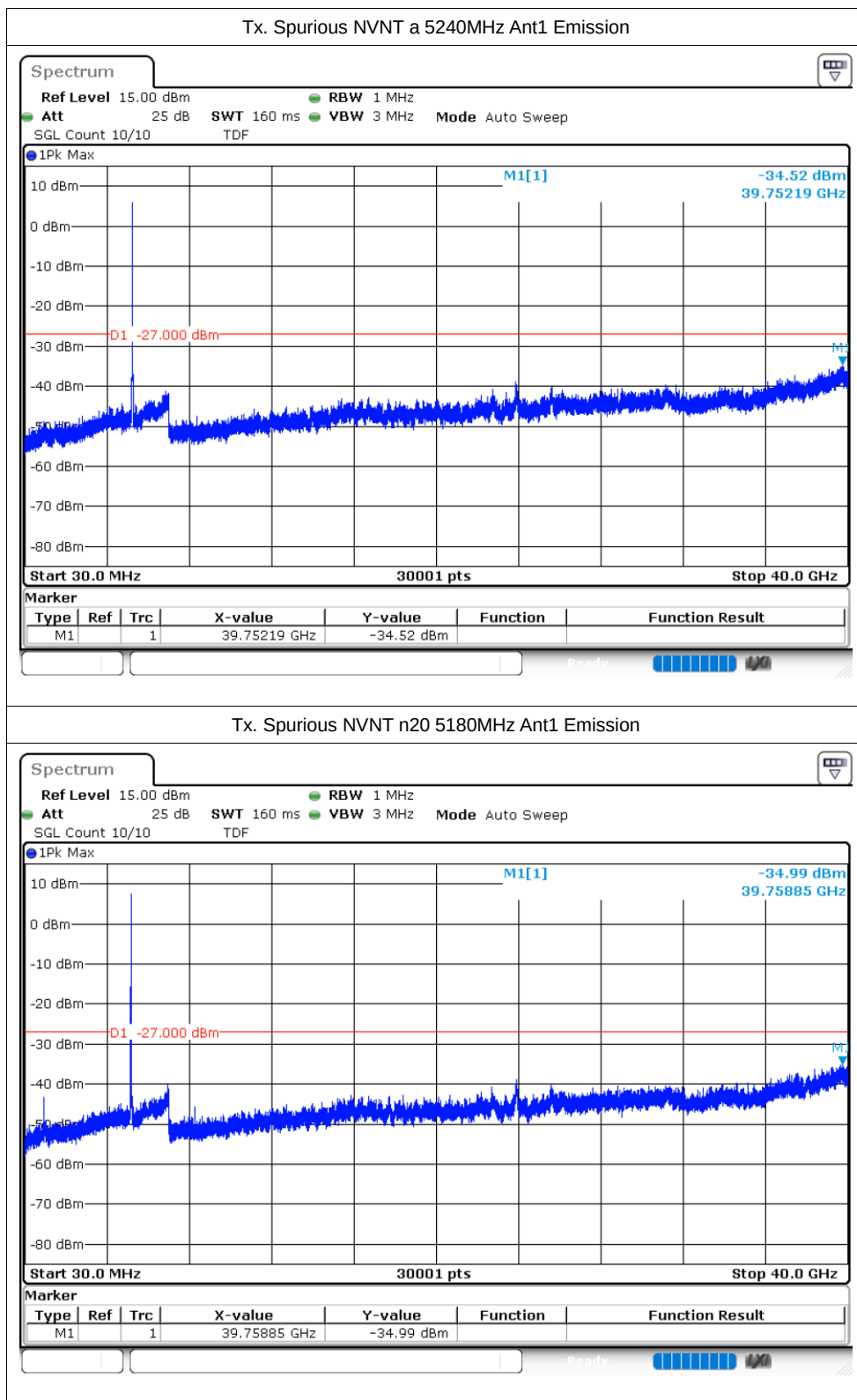


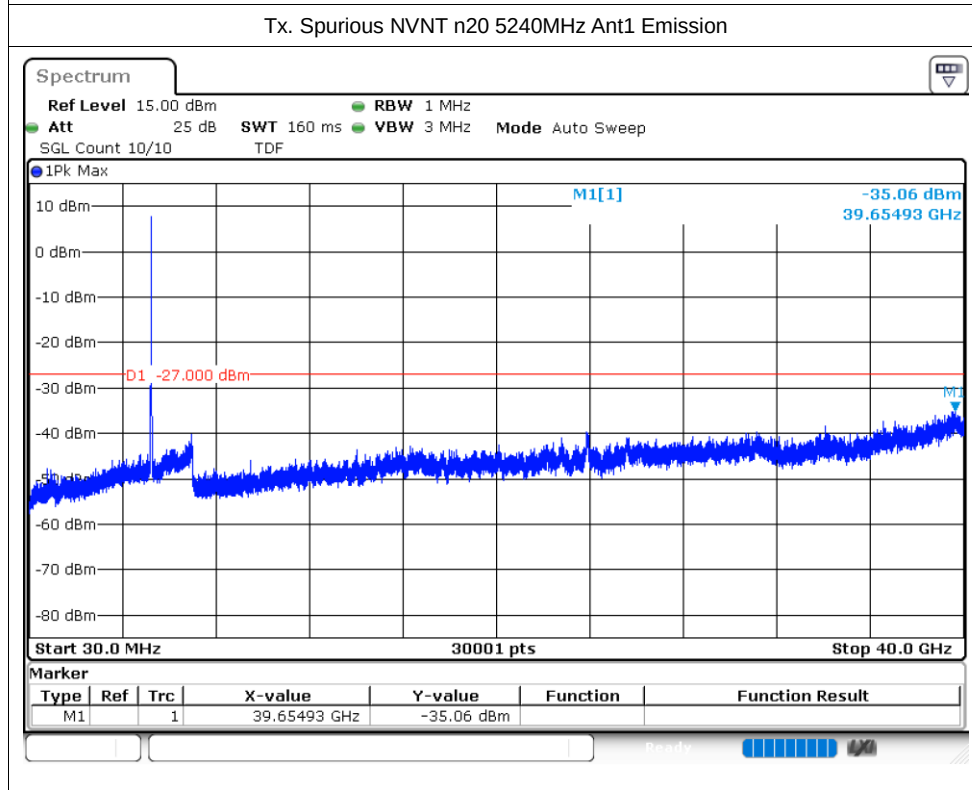
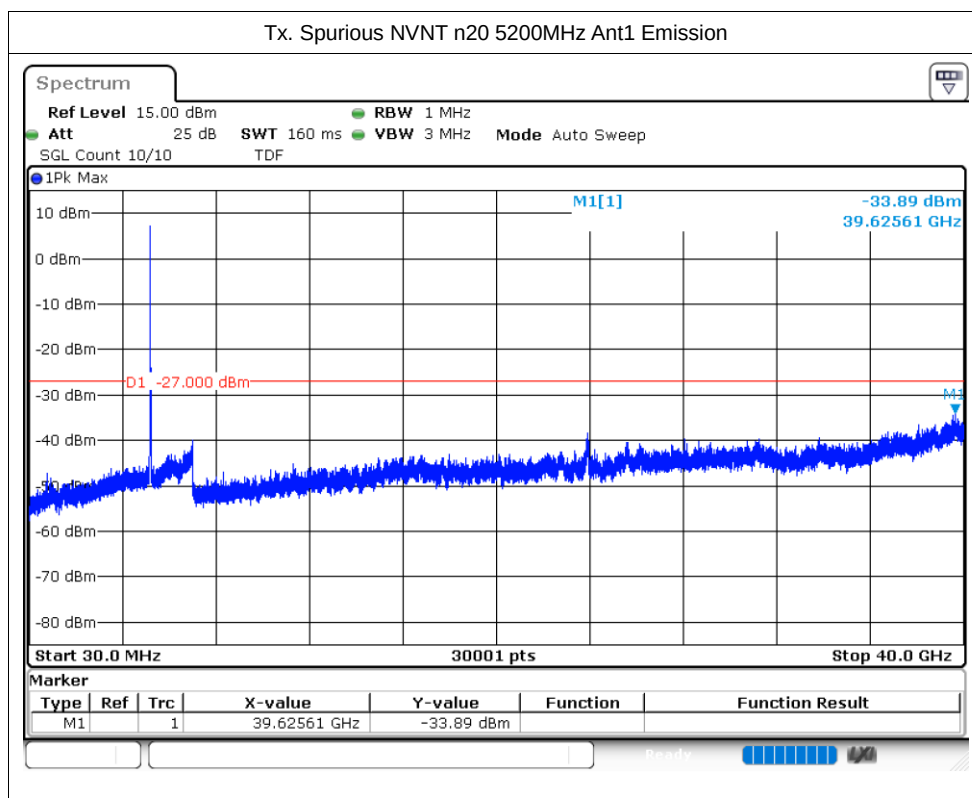


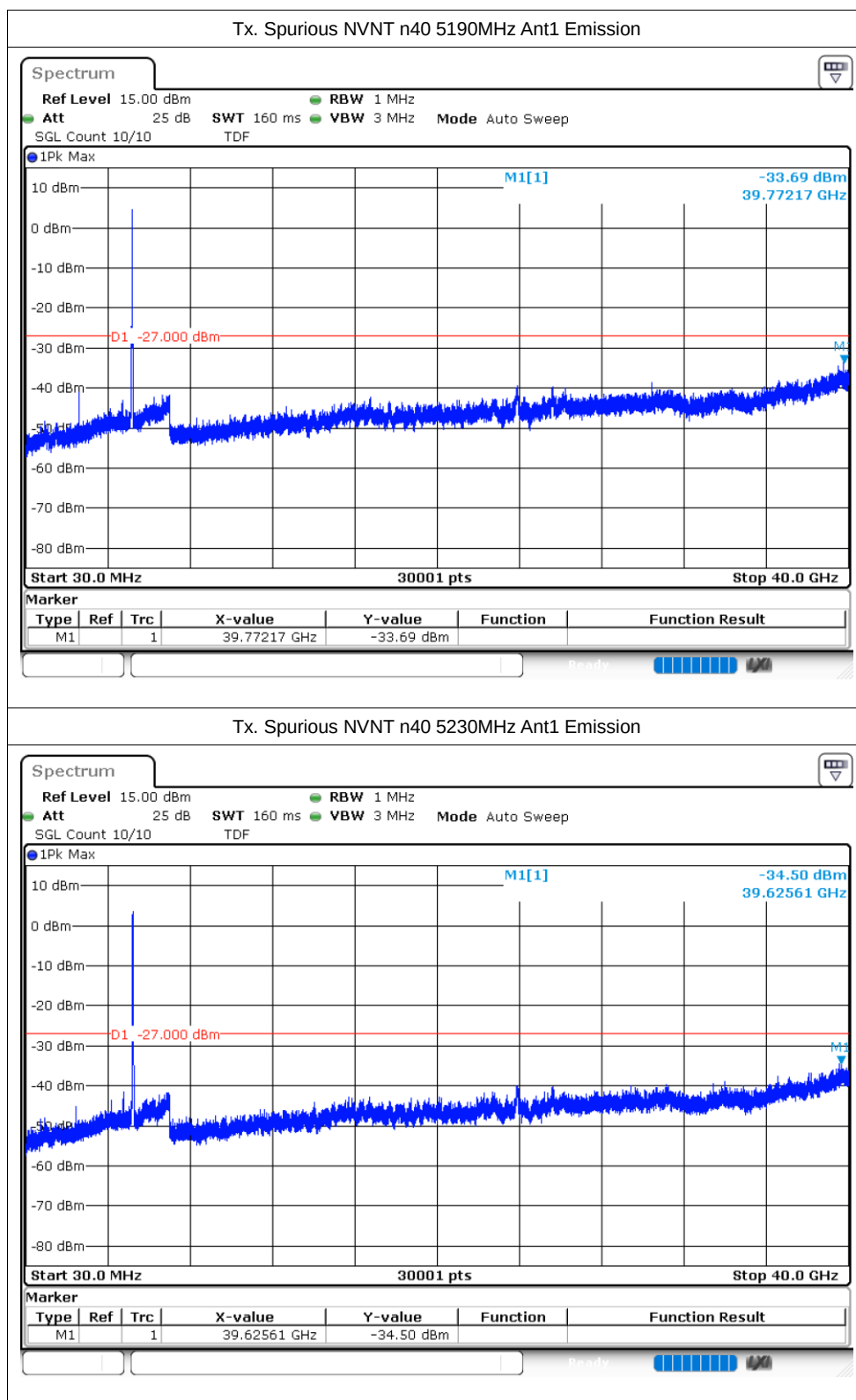
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-34.48	-27	Pass
NVNT	a	5200	Ant1	-34.47	-27	Pass
NVNT	a	5240	Ant1	-34.52	-27	Pass
NVNT	n20	5180	Ant1	-34.99	-27	Pass
NVNT	n20	5200	Ant1	-33.88	-27	Pass
NVNT	n20	5240	Ant1	-35.05	-27	Pass
NVNT	n40	5190	Ant1	-33.68	-27	Pass
NVNT	n40	5230	Ant1	-34.5	-27	Pass





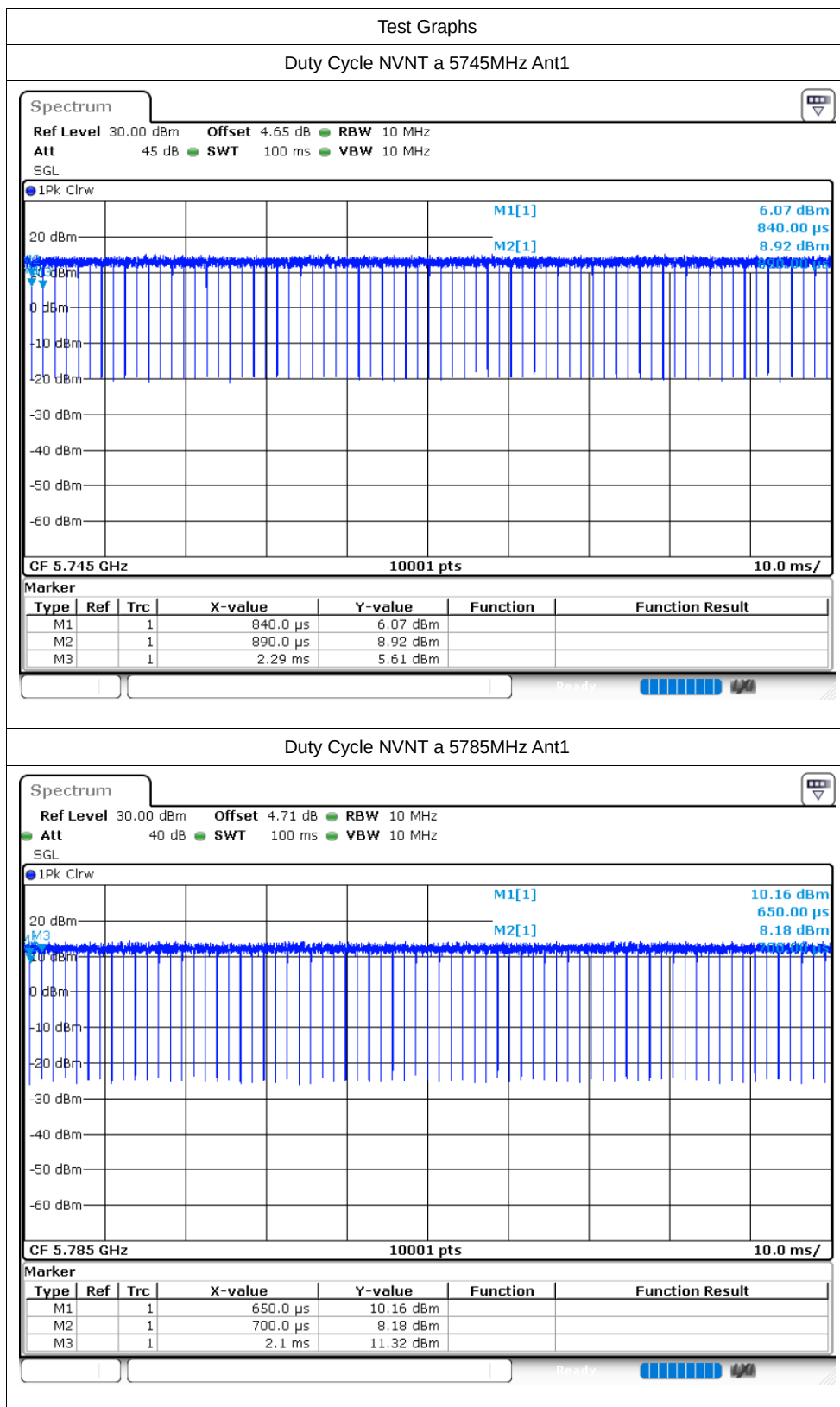


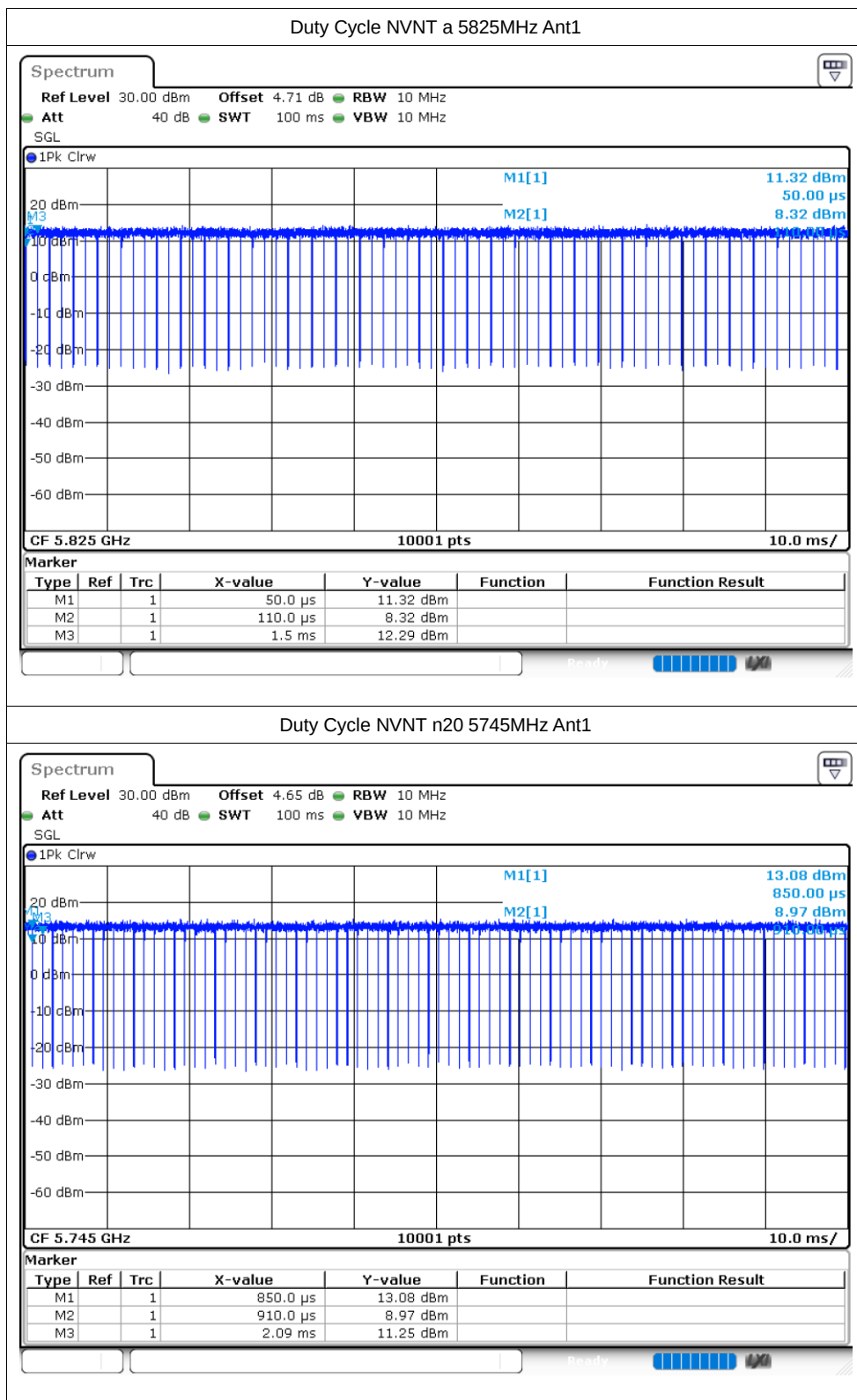


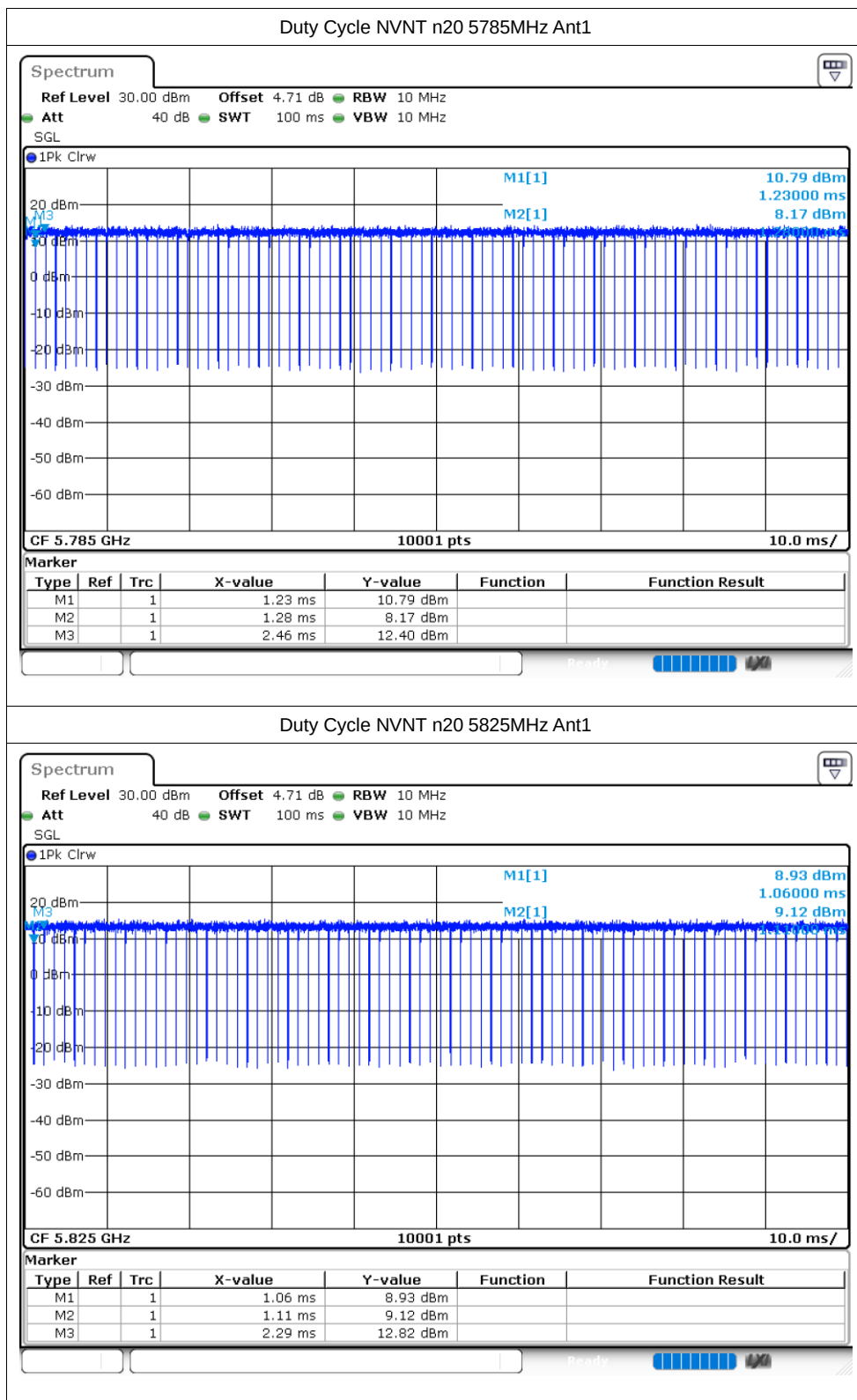
WIFI 5.8G

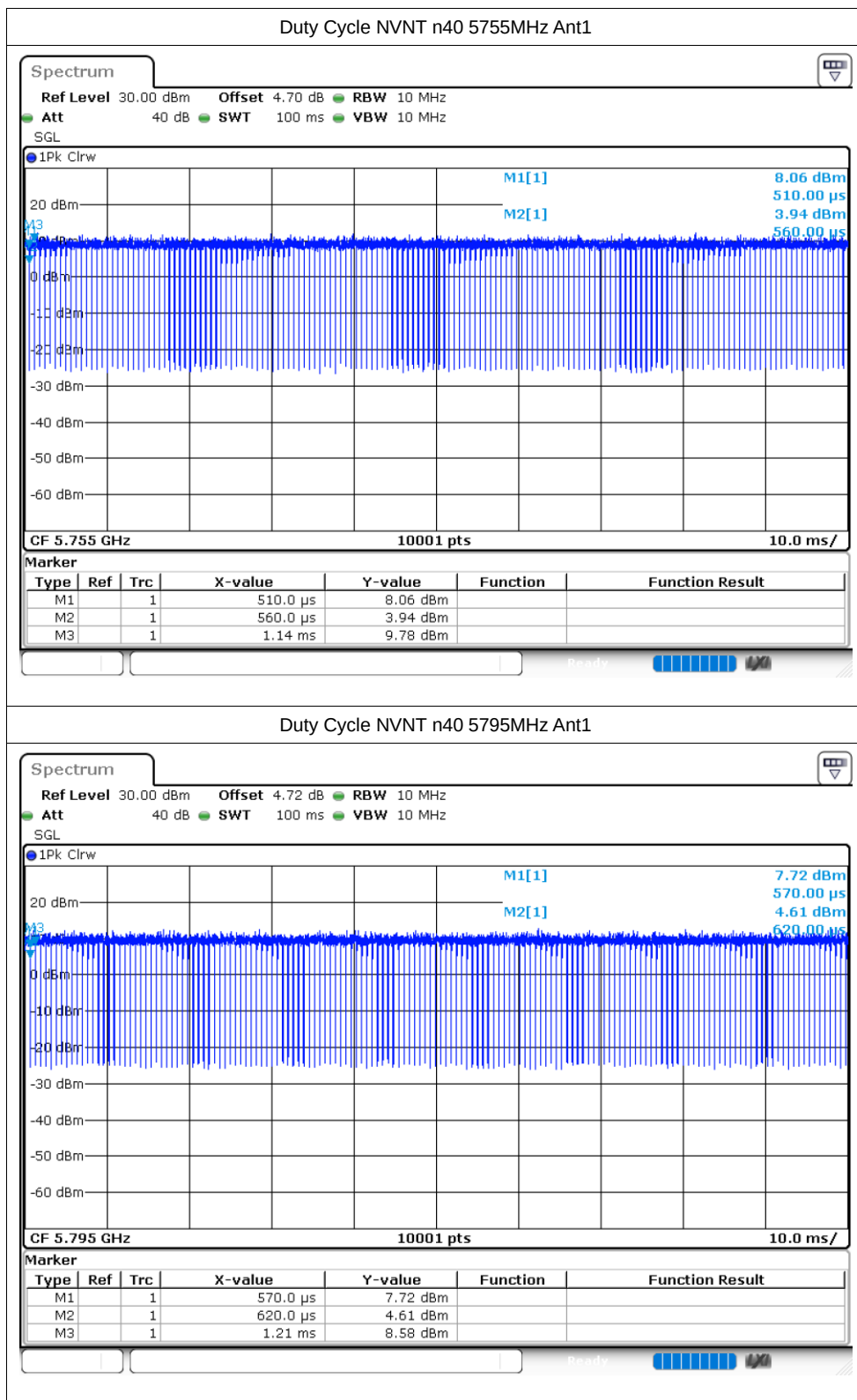
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	97.24	0.12	0.71
NVNT	a	5785	Ant1	97.24	0.12	0.71
NVNT	a	5825	Ant1	96.55	0.15	0.72
NVNT	n20	5745	Ant1	96.35	0.16	0.85
NVNT	n20	5785	Ant1	96.35	0.16	0.85
NVNT	n20	5825	Ant1	96.76	0.14	0.85
NVNT	n40	5755	Ant1	93.68	0.28	1.72
NVNT	n40	5795	Ant1	93.76	0.28	1.69









Maximum Conducted Output Power

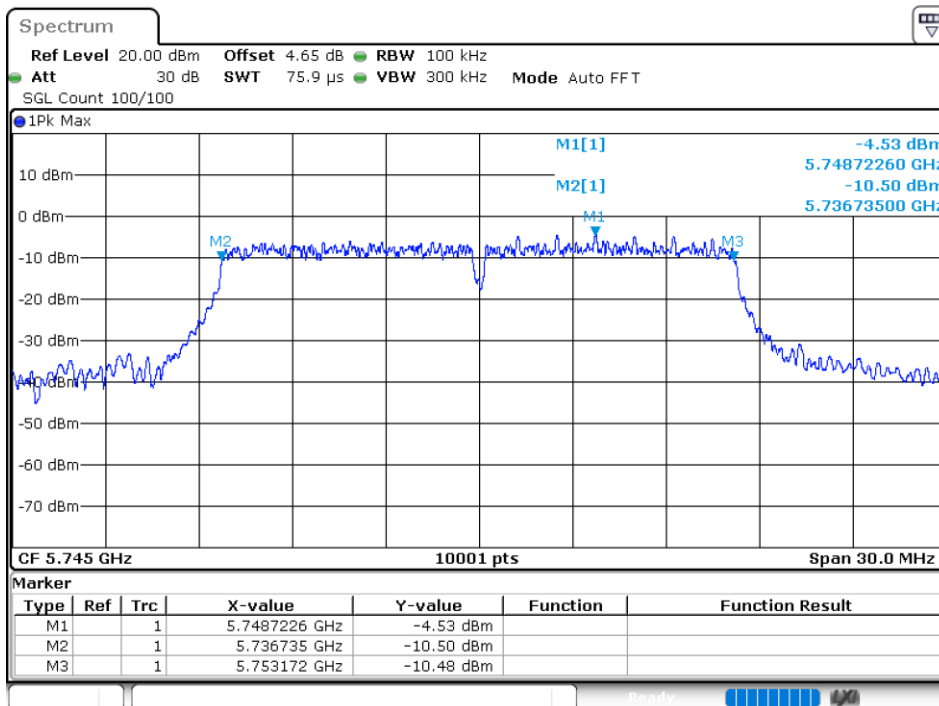
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	8.96	0.12	9.08	30	Pass
NVNT	a	5785	Ant1	8.2	0.12	8.32	30	Pass
NVNT	a	5825	Ant1	8.07	0.15	8.22	30	Pass
NVNT	n20	5745	Ant1	9.07	0.16	9.23	30	Pass
NVNT	n20	5785	Ant1	8.5	0.16	8.66	30	Pass
NVNT	n20	5825	Ant1	8.59	0.14	8.73	30	Pass
NVNT	n40	5755	Ant1	8.89	0.28	9.17	30	Pass
NVNT	n40	5795	Ant1	8.22	0.28	8.5	30	Pass

-6dB Bandwidth

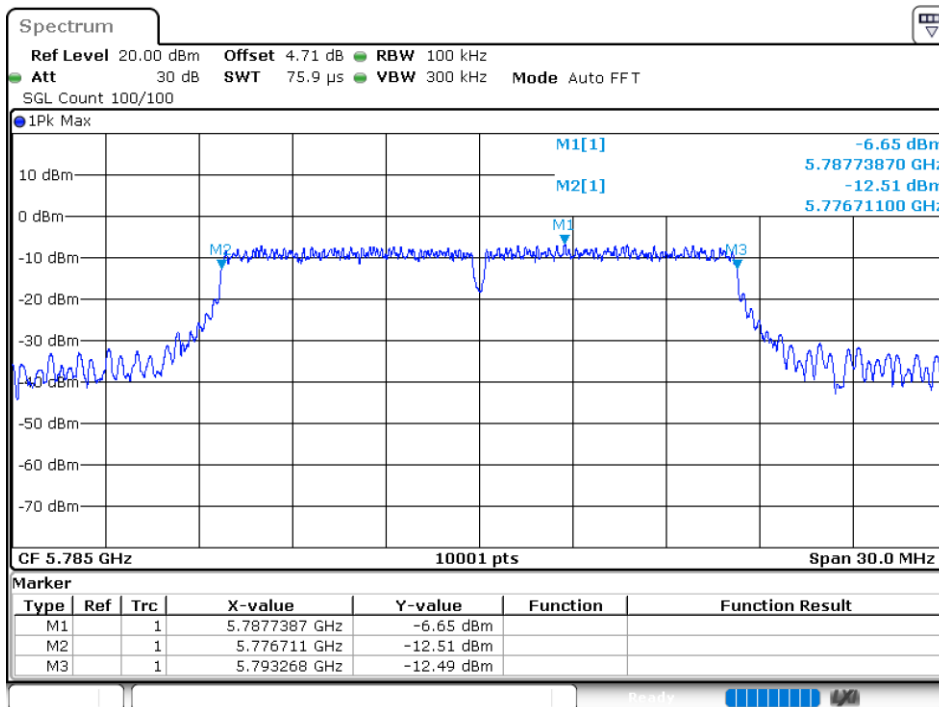
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.437	0.5	Pass
NVNT	a	5785	Ant1	16.557	0.5	Pass
NVNT	a	5825	Ant1	16.548	0.5	Pass
NVNT	n20	5745	Ant1	17.274	0.5	Pass
NVNT	n20	5785	Ant1	17.586	0.5	Pass
NVNT	n20	5825	Ant1	17.655	0.5	Pass
NVNT	n40	5755	Ant1	36.024	0.5	Pass
NVNT	n40	5795	Ant1	36.282	0.5	Pass

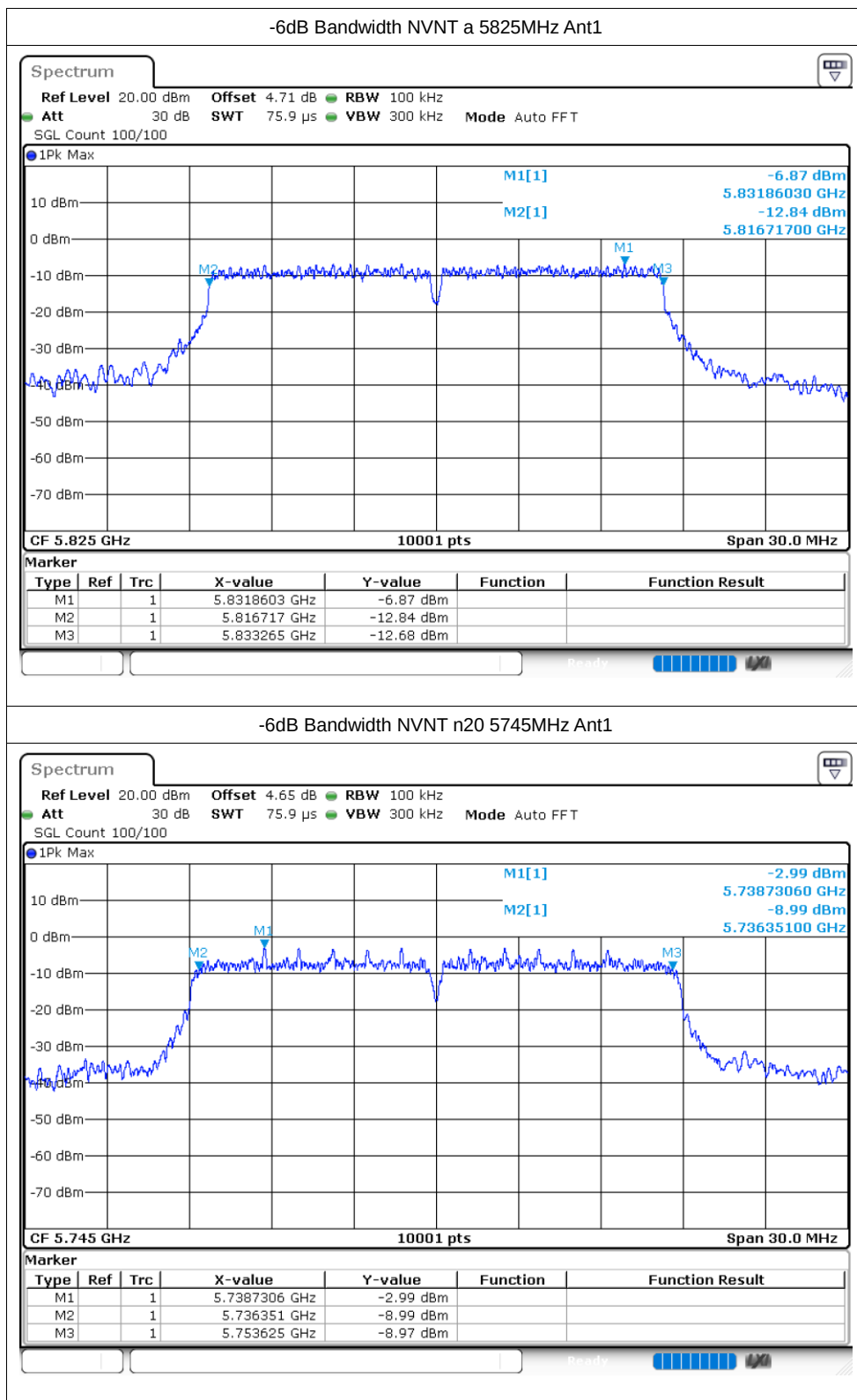
Test Graphs

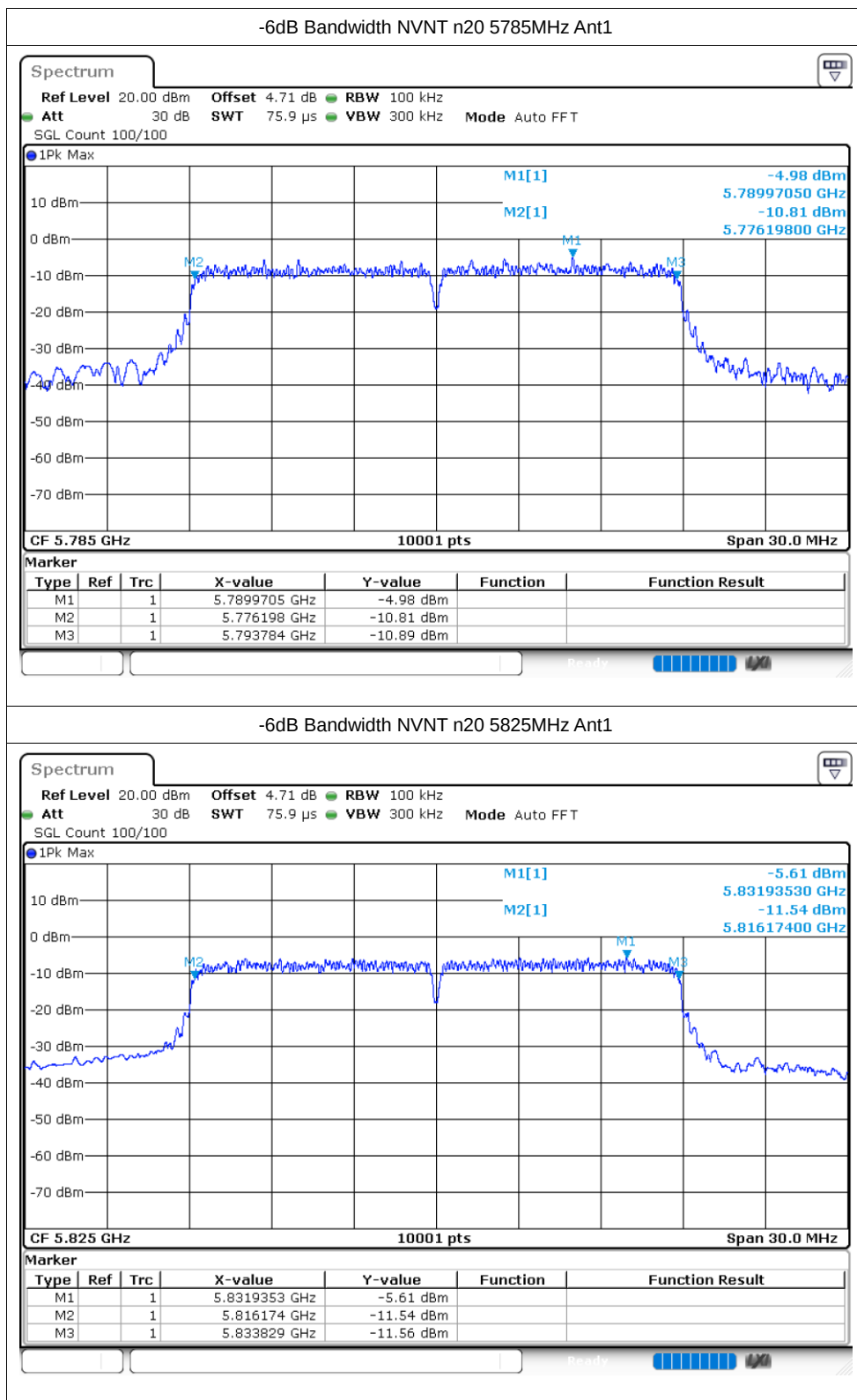
-6dB Bandwidth NVNT a 5745MHz Ant1

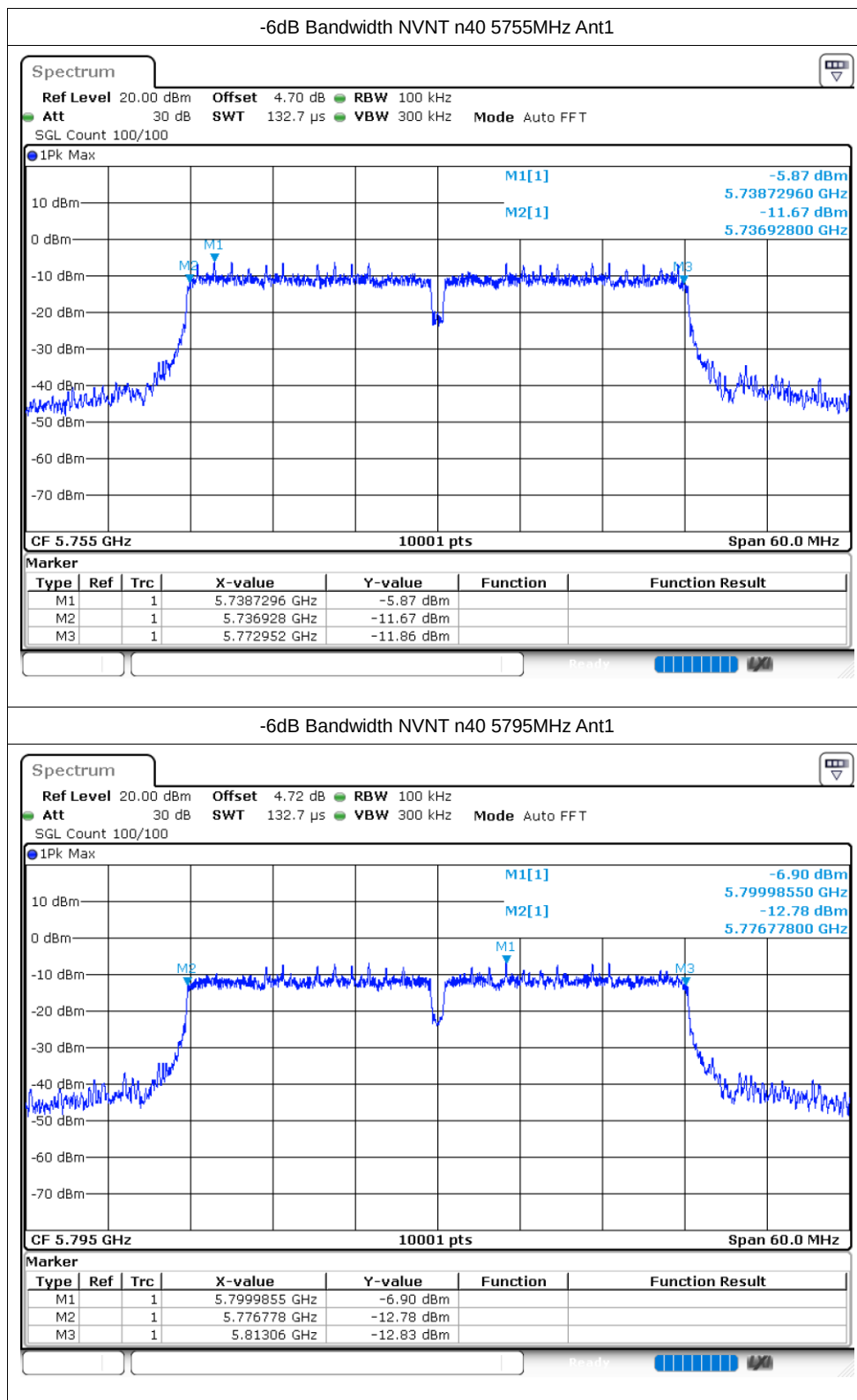


-6dB Bandwidth NVNT a 5785MHz Ant1







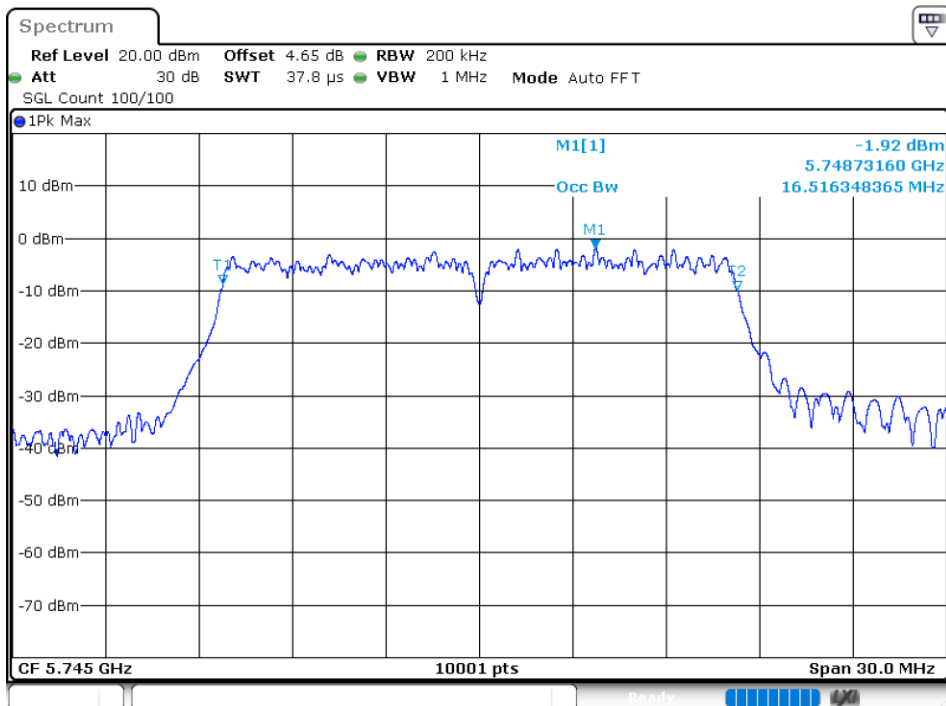


Occupied Channel Bandwidth

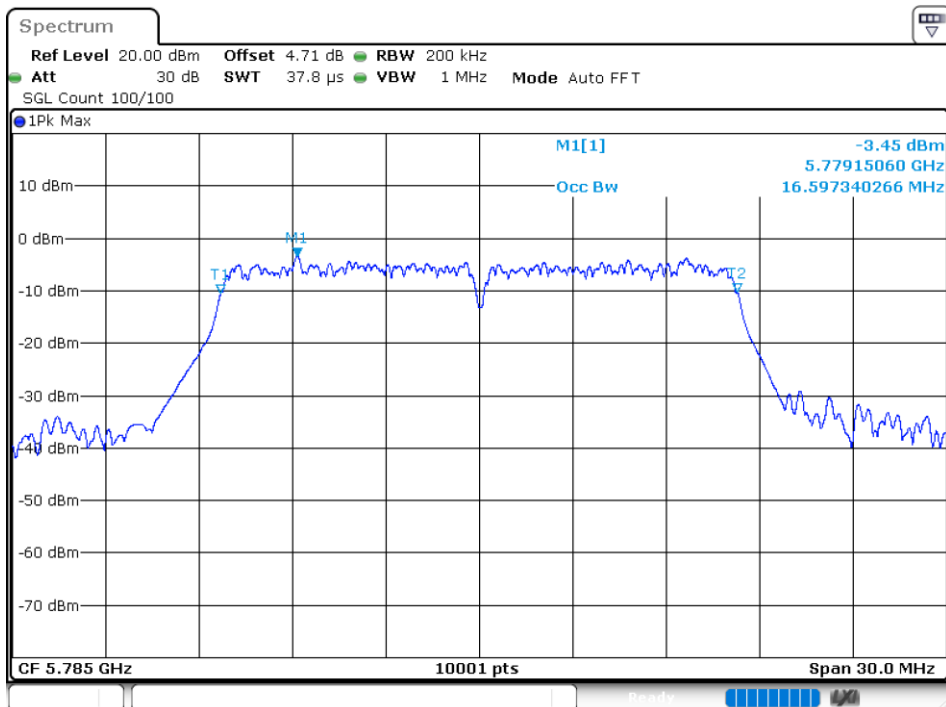
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.516
NVNT	a	5785	Ant1	16.597
NVNT	a	5825	Ant1	16.591
NVNT	n20	5745	Ant1	17.668
NVNT	n20	5785	Ant1	17.665
NVNT	n20	5825	Ant1	17.632
NVNT	n40	5755	Ant1	36.32
NVNT	n40	5795	Ant1	36.266

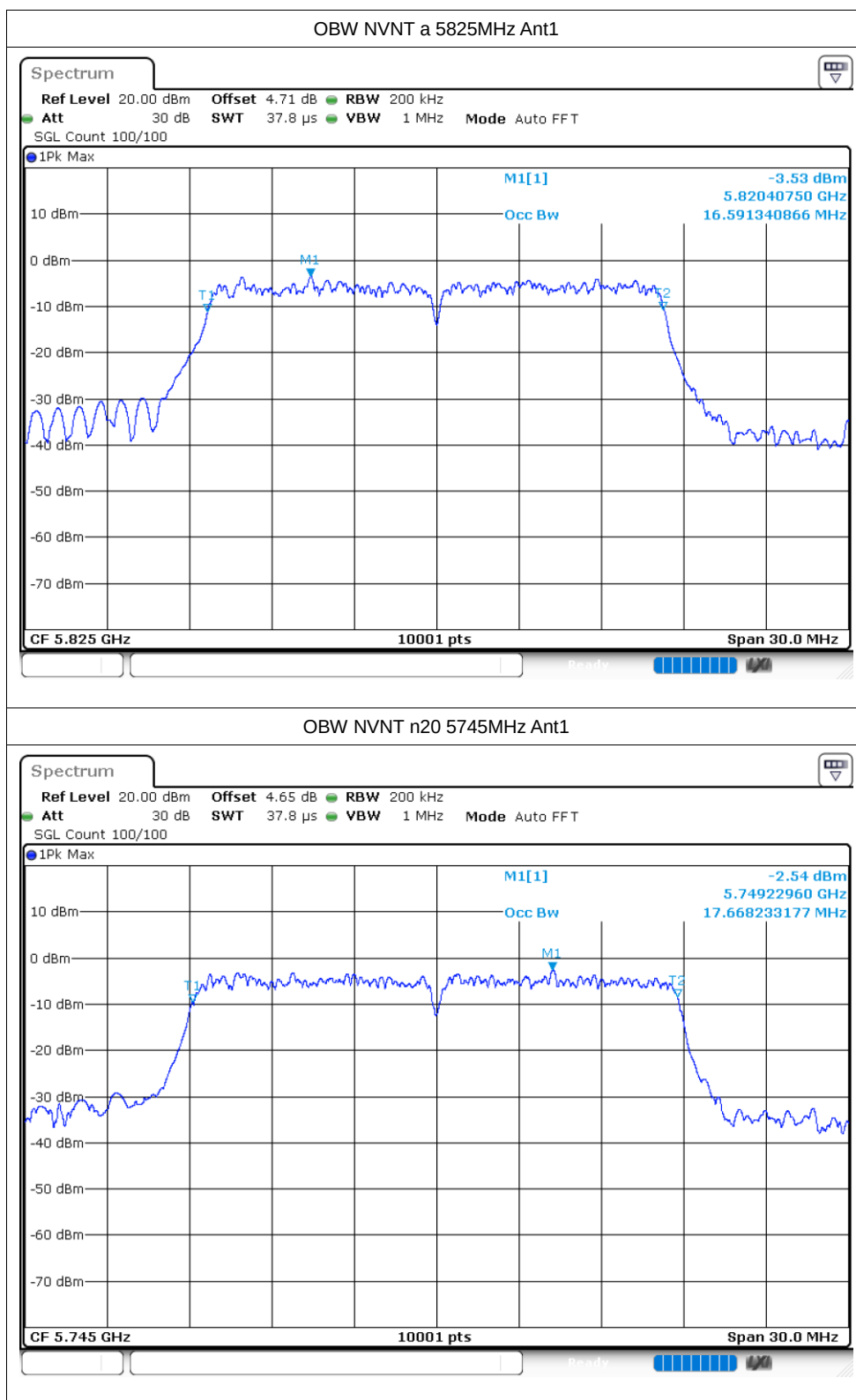
Test Graphs

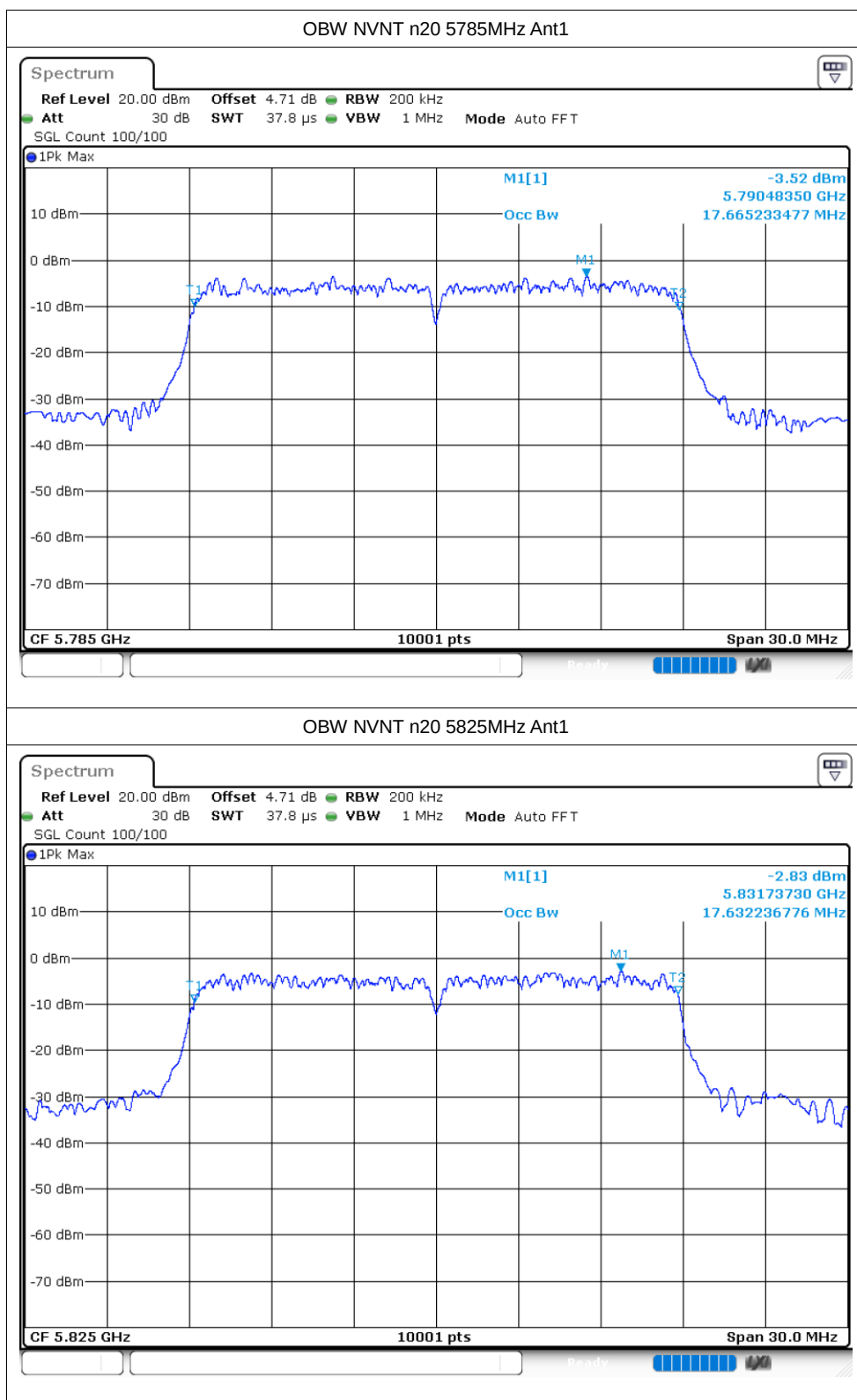
OBW NVNT a 5745MHz Ant1

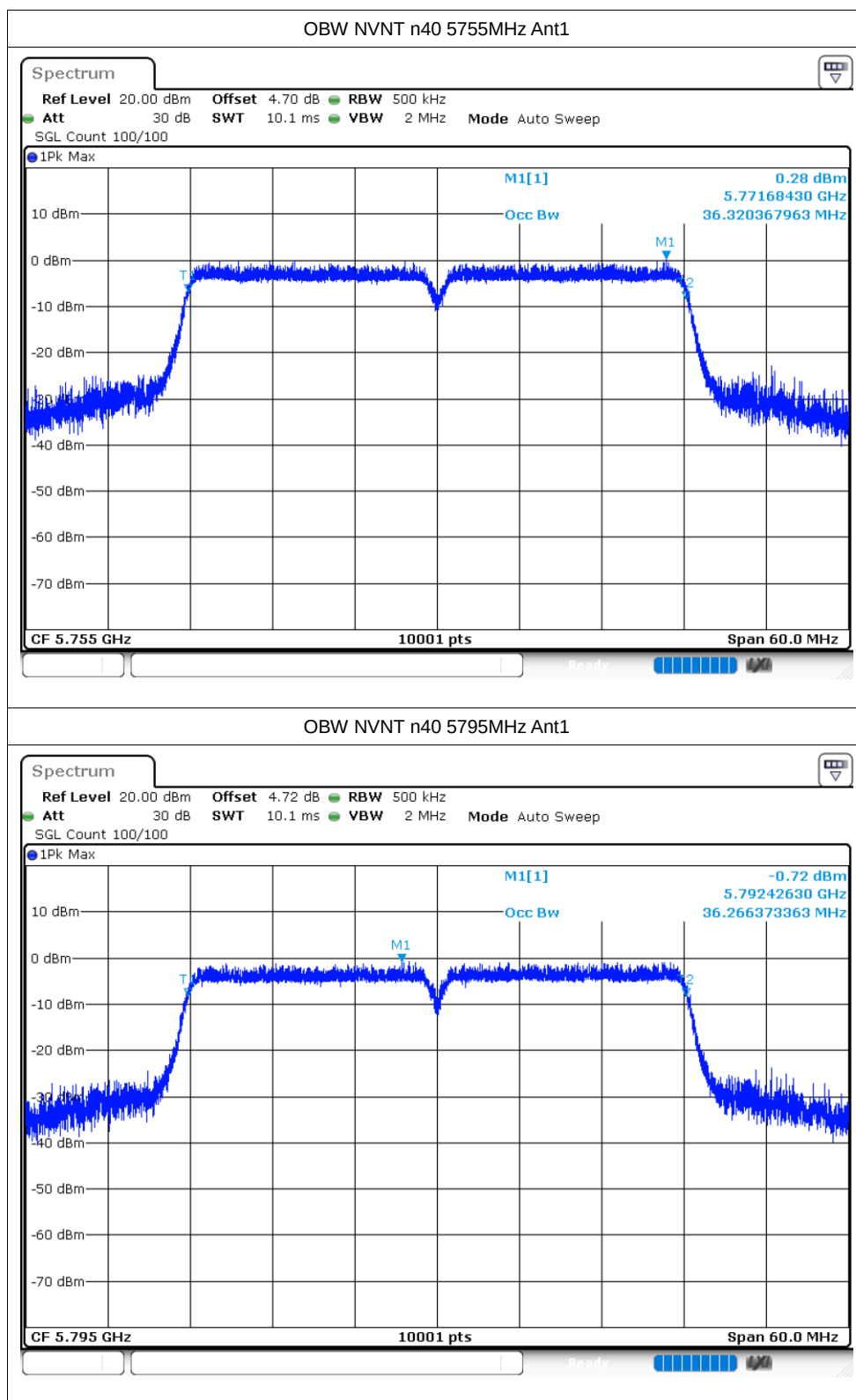


OBW NVNT a 5785MHz Ant1









Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-5.34	0.12	-5.22	30	Pass
NVNT	a	5785	Ant1	-6.17	0.12	-6.05	30	Pass
NVNT	a	5825	Ant1	-5.26	0.15	-5.11	30	Pass
NVNT	n20	5745	Ant1	-5.39	0.16	-5.23	30	Pass
NVNT	n20	5785	Ant1	-5.88	0.16	-5.72	30	Pass
NVNT	n20	5825	Ant1	-5.42	0.14	-5.28	30	Pass
NVNT	n40	5755	Ant1	-8.53	0.28	-8.25	30	Pass
NVNT	n40	5795	Ant1	-9.53	0.28	-9.25	30	Pass