

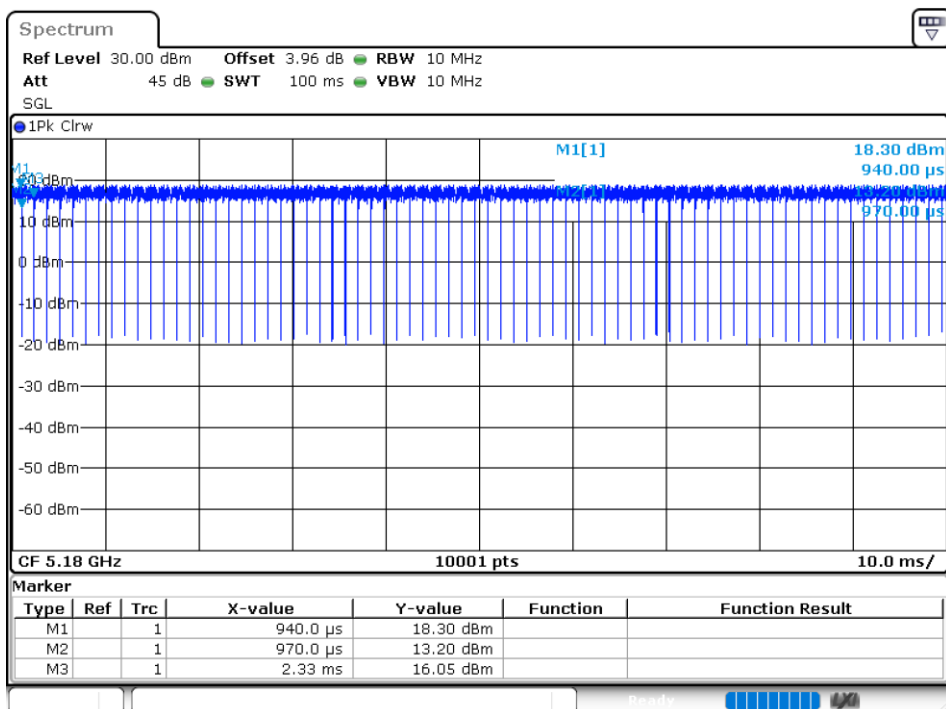
WIFI 5.2G

Duty Cycle

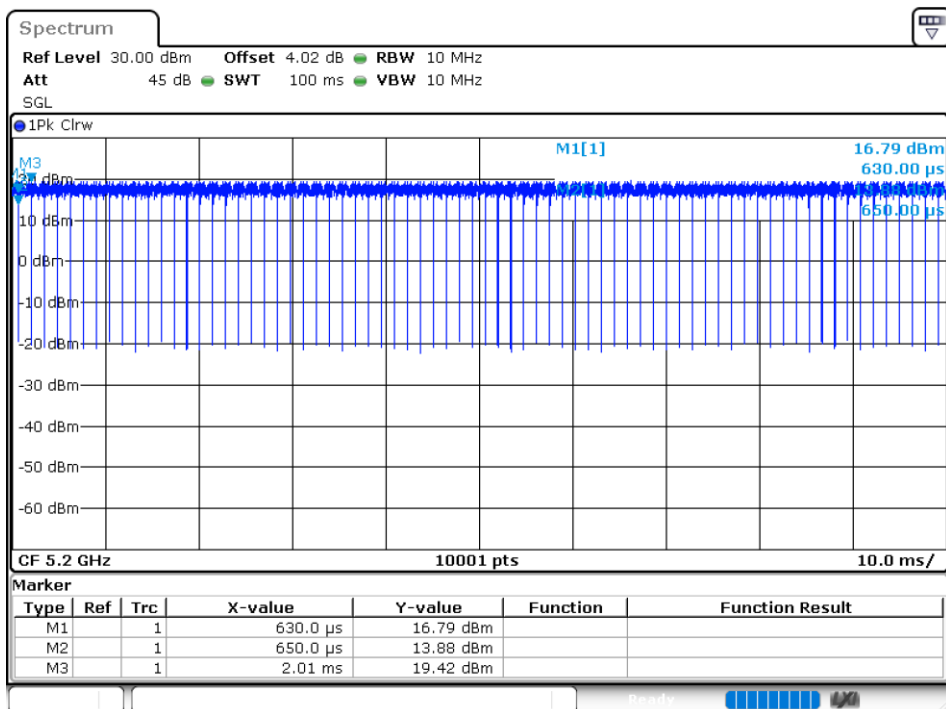
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	98.76	0.05	0.74
NVNT	a	5200	Ant1	98.78	0.05	0.74
NVNT	a	5240	Ant1	98.75	0.05	0.74
NVNT	n20	5180	Ant1	98.68	0.06	0.79
NVNT	n20	5200	Ant1	98.68	0.06	0.78
NVNT	n20	5240	Ant1	98.68	0.06	0.79
NVNT	n40	5190	Ant1	97.41	0.11	1.59
NVNT	n40	5230	Ant1	97.4	0.11	1.59

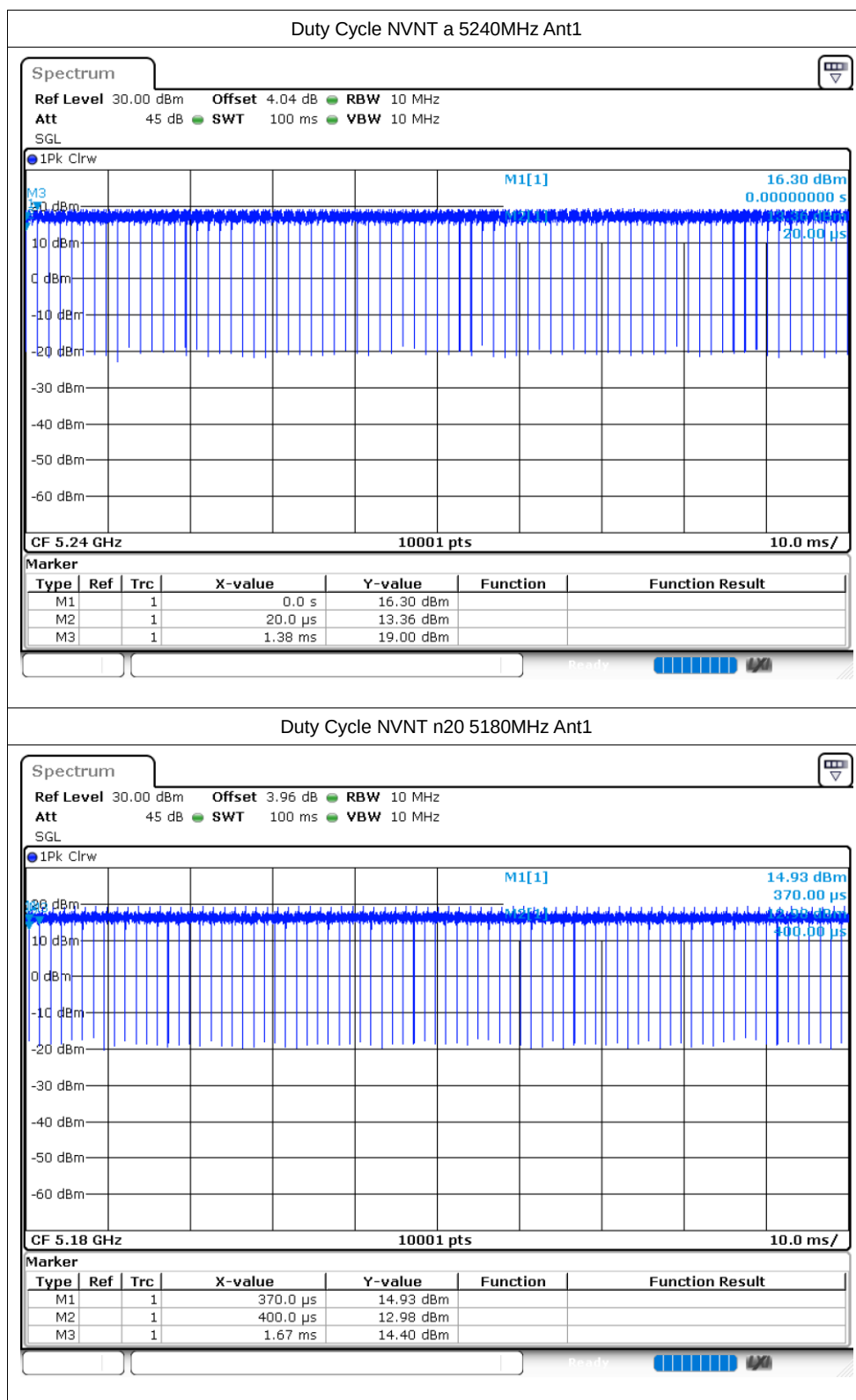
Test Graphs

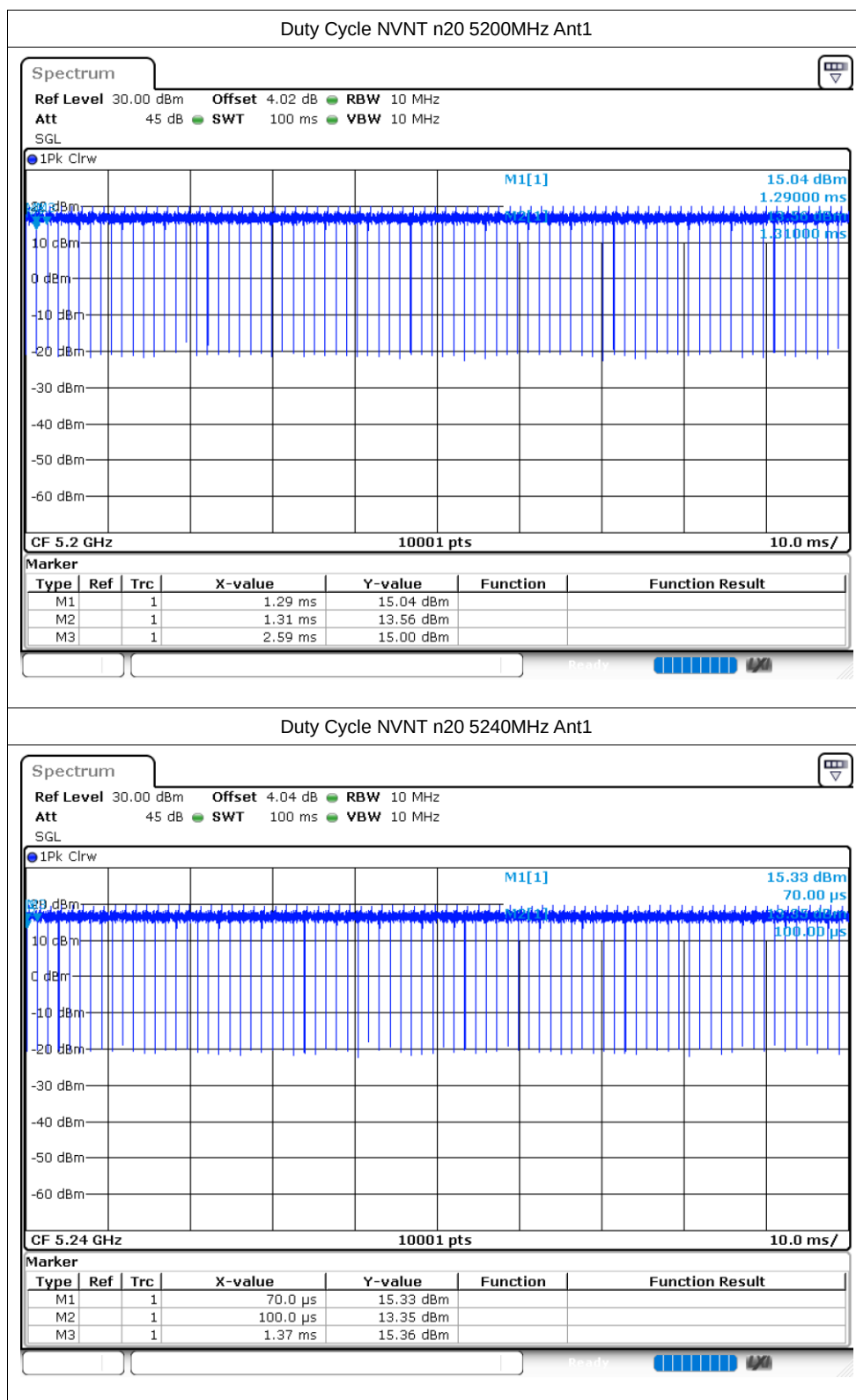
Duty Cycle NVNT a 5180MHz Ant1

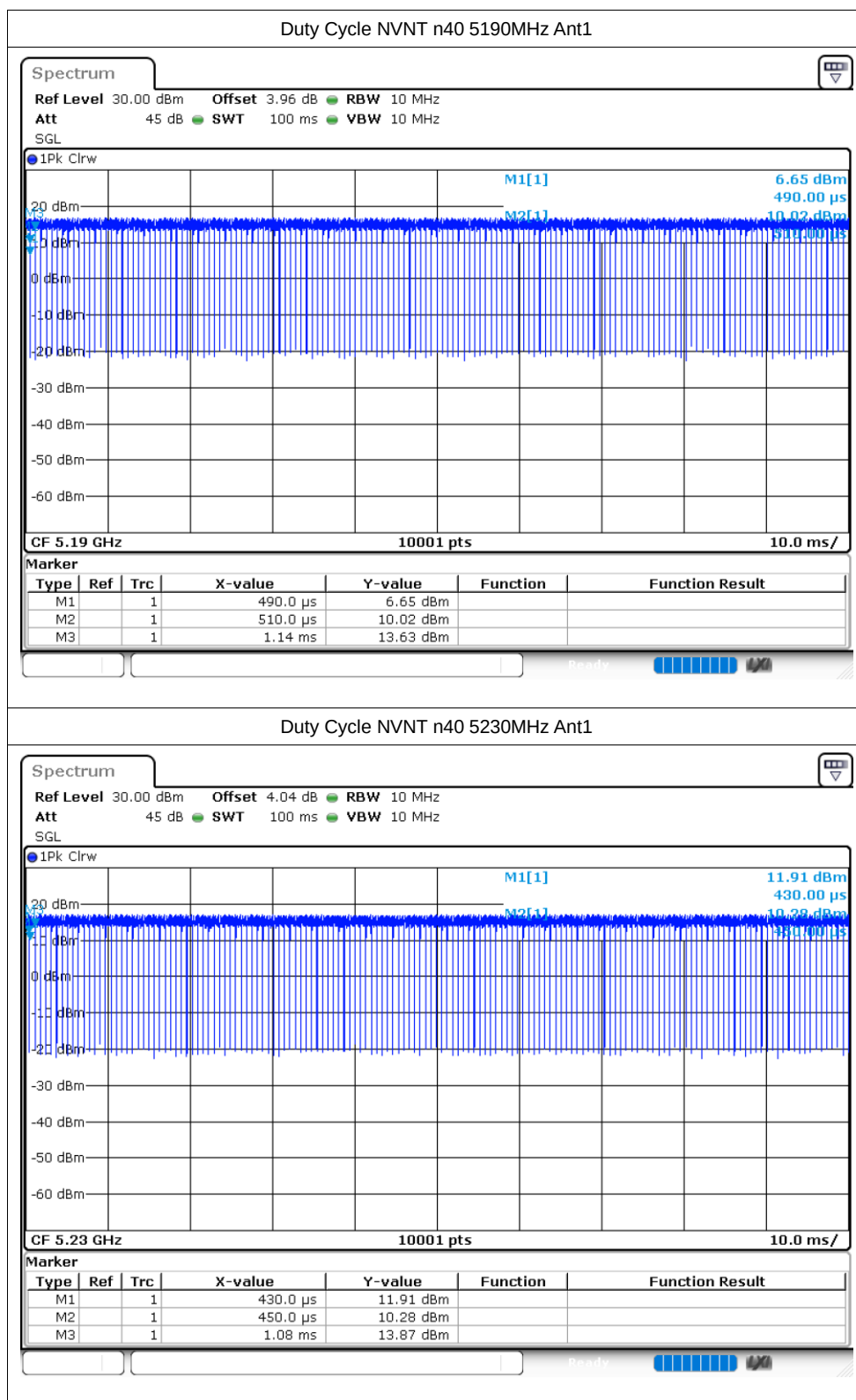


Duty Cycle NVNT a 5200MHz Ant1









Maximum Conducted Output Power

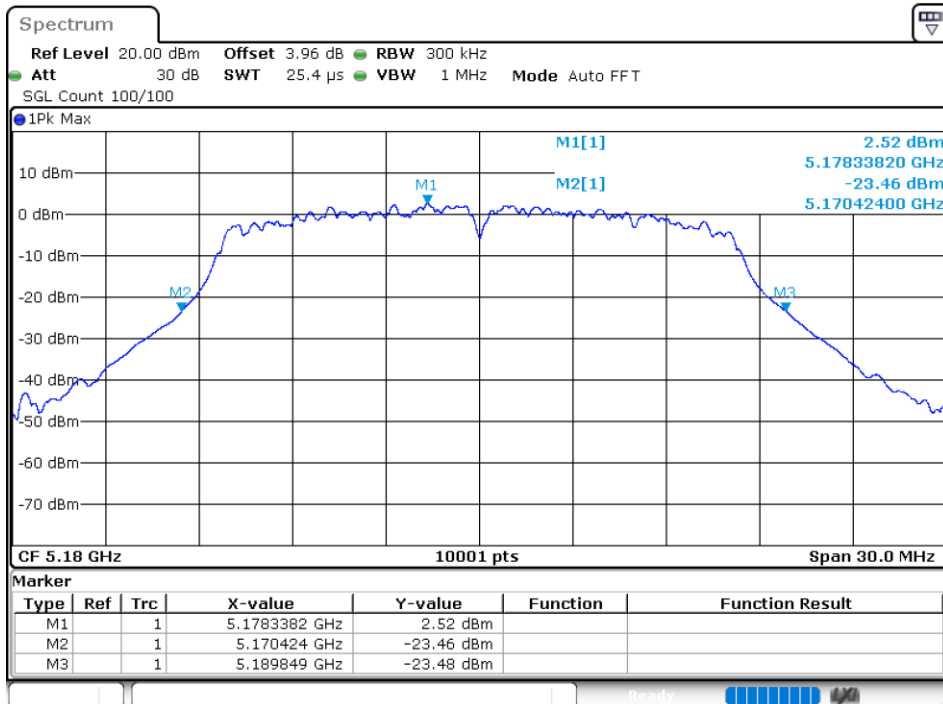
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.35	0.05	11.4	24	Pass
NVNT	a	5200	Ant1	11.46	0.05	11.51	24	Pass
NVNT	a	5240	Ant1	11.55	0.05	11.6	24	Pass
NVNT	n20	5180	Ant1	10.94	0.06	11	24	Pass
NVNT	n20	5200	Ant1	11.1	0.06	11.16	24	Pass
NVNT	n20	5240	Ant1	11.57	0.06	11.63	24	Pass
NVNT	n40	5190	Ant1	11.64	0.11	11.75	24	Pass
NVNT	n40	5230	Ant1	11.95	0.11	12.06	24	Pass

-26dB Bandwidth

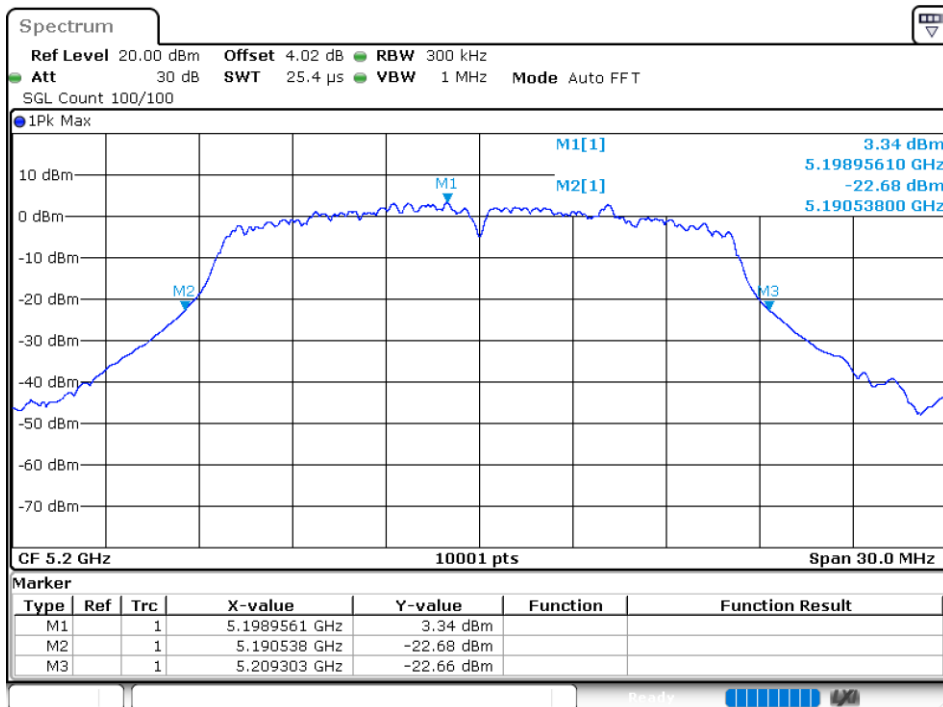
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.425	0.5	Pass
NVNT	a	5200	Ant1	18.765	0.5	Pass
NVNT	a	5240	Ant1	19.344	0.5	Pass
NVNT	n20	5180	Ant1	20.34	0.5	Pass
NVNT	n20	5200	Ant1	20.637	0.5	Pass
NVNT	n20	5240	Ant1	20.775	0.5	Pass
NVNT	n40	5190	Ant1	38.19	0.5	Pass
NVNT	n40	5230	Ant1	38.232	0.5	Pass

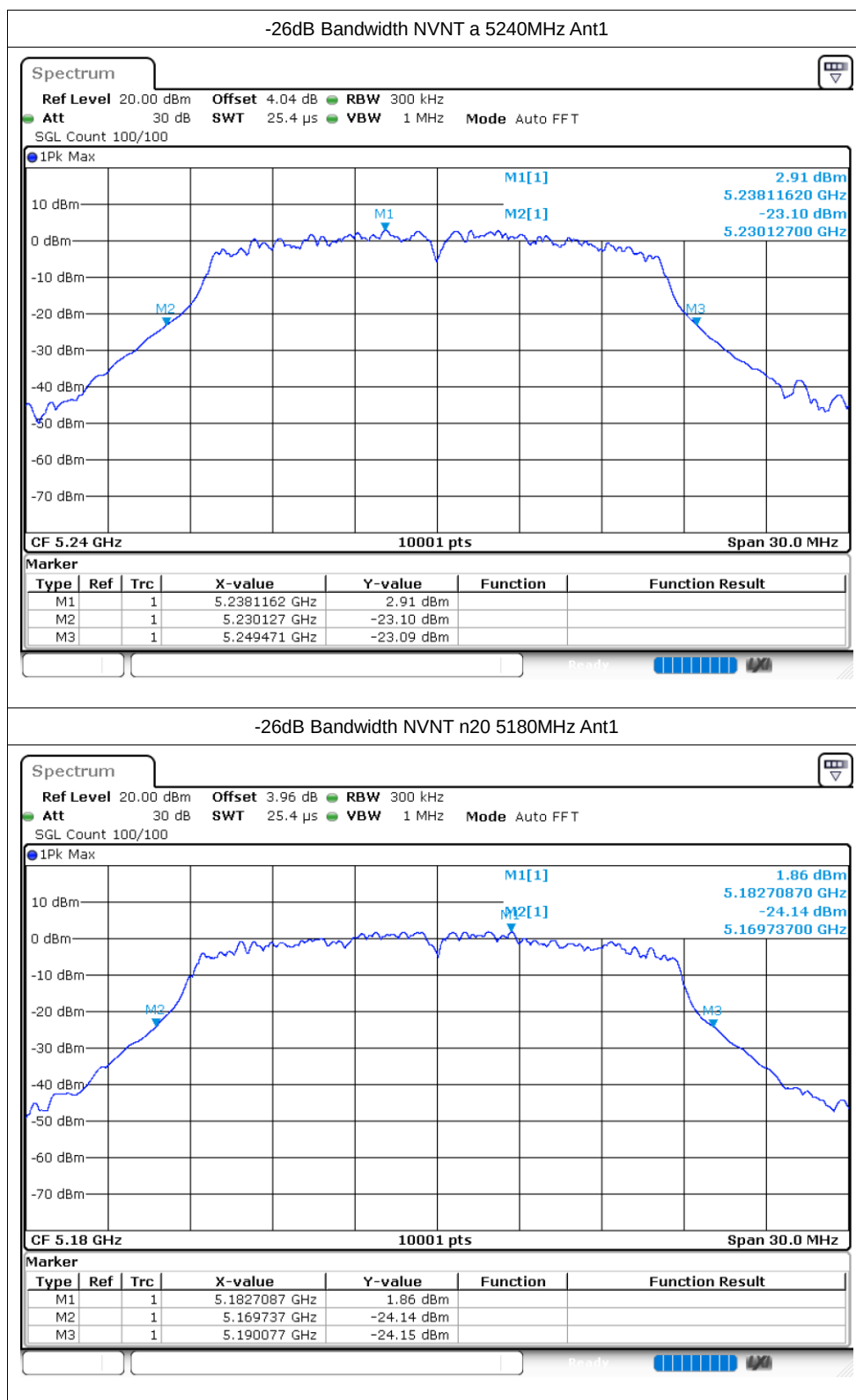
Test Graphs

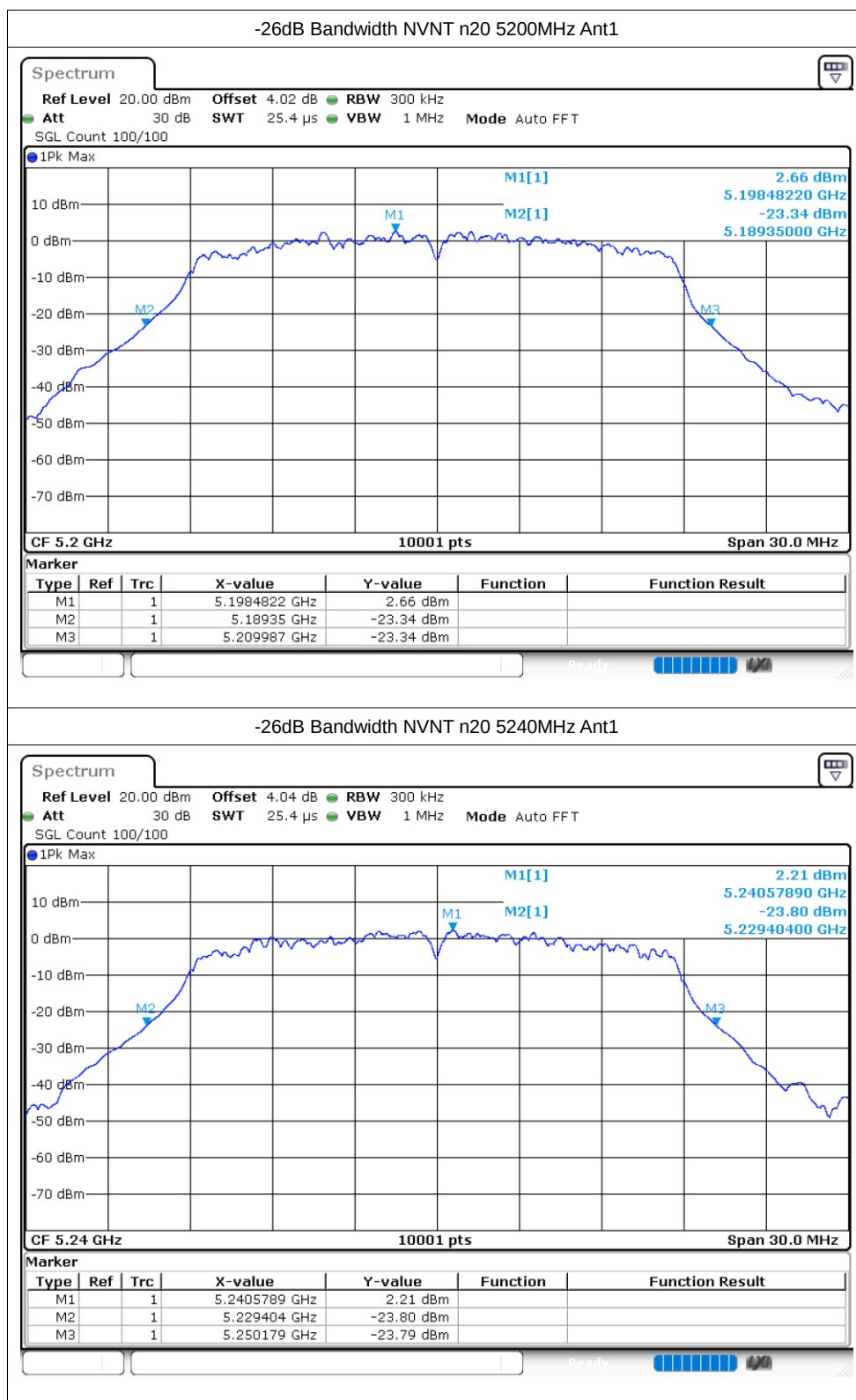
-26dB Bandwidth NVNT a 5180MHz Ant1

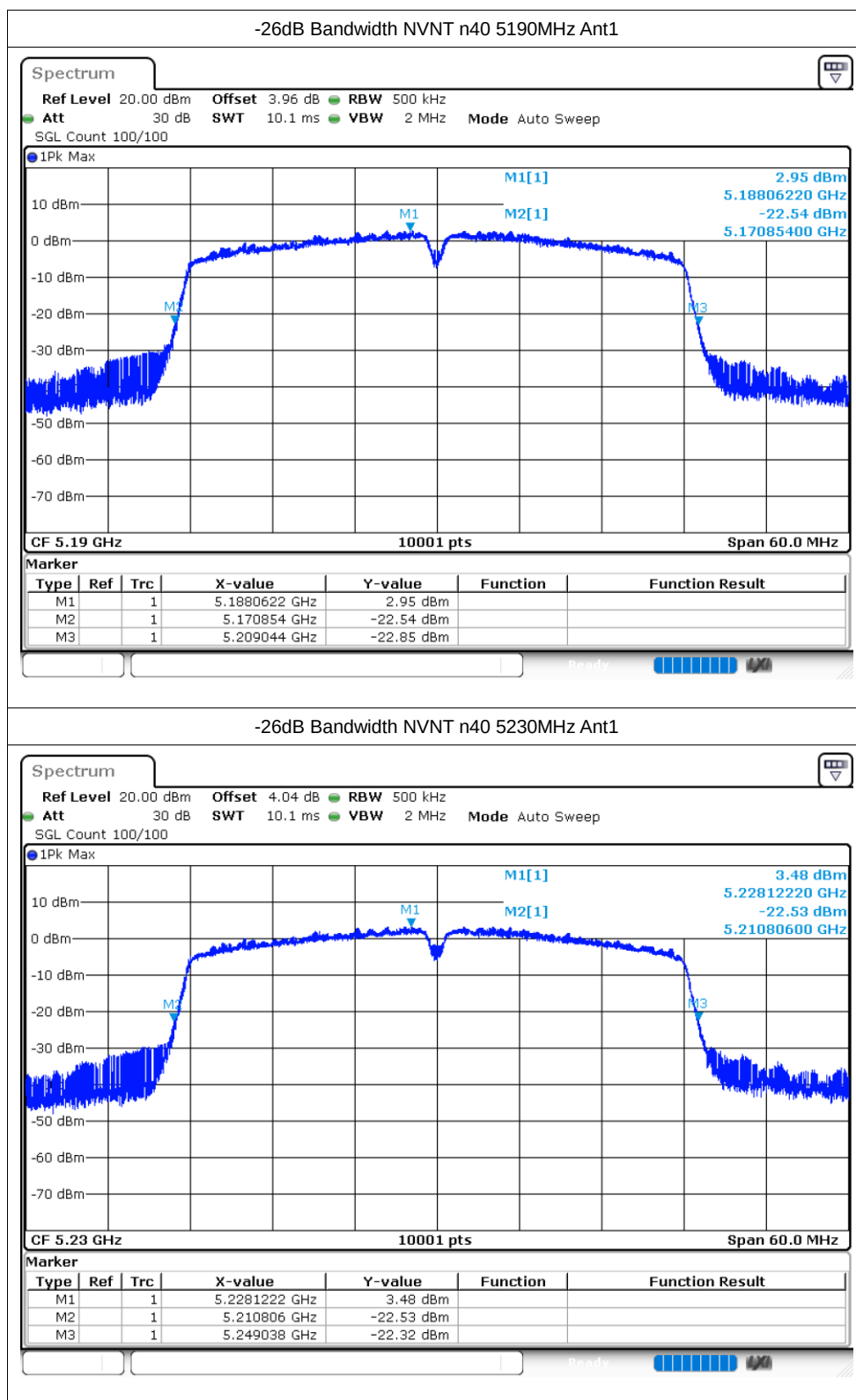


-26dB Bandwidth NVNT a 5200MHz Ant1







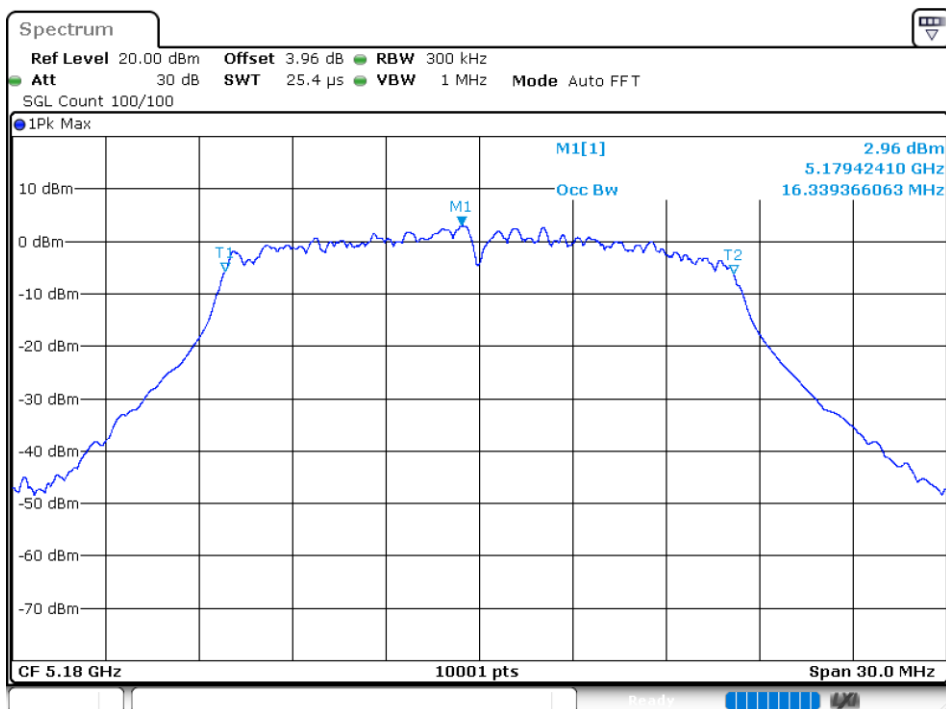


Occupied Channel Bandwidth

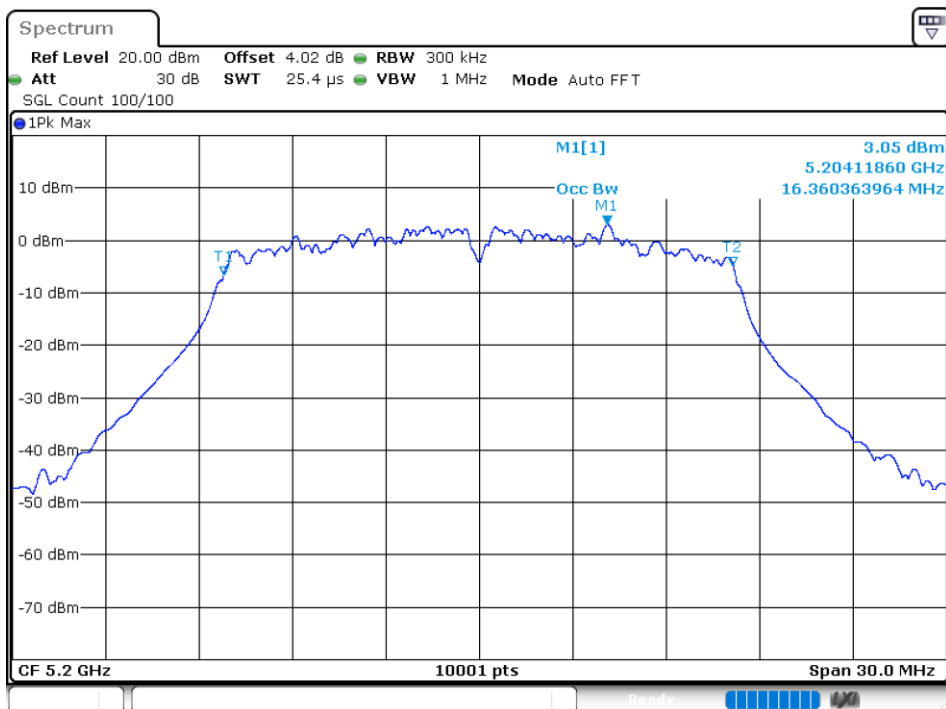
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.339
NVNT	a	5200	Ant1	16.36
NVNT	a	5240	Ant1	16.273
NVNT	n20	5180	Ant1	17.278
NVNT	n20	5200	Ant1	17.317
NVNT	n20	5240	Ant1	17.383
NVNT	n40	5190	Ant1	35.246
NVNT	n40	5230	Ant1	35.258

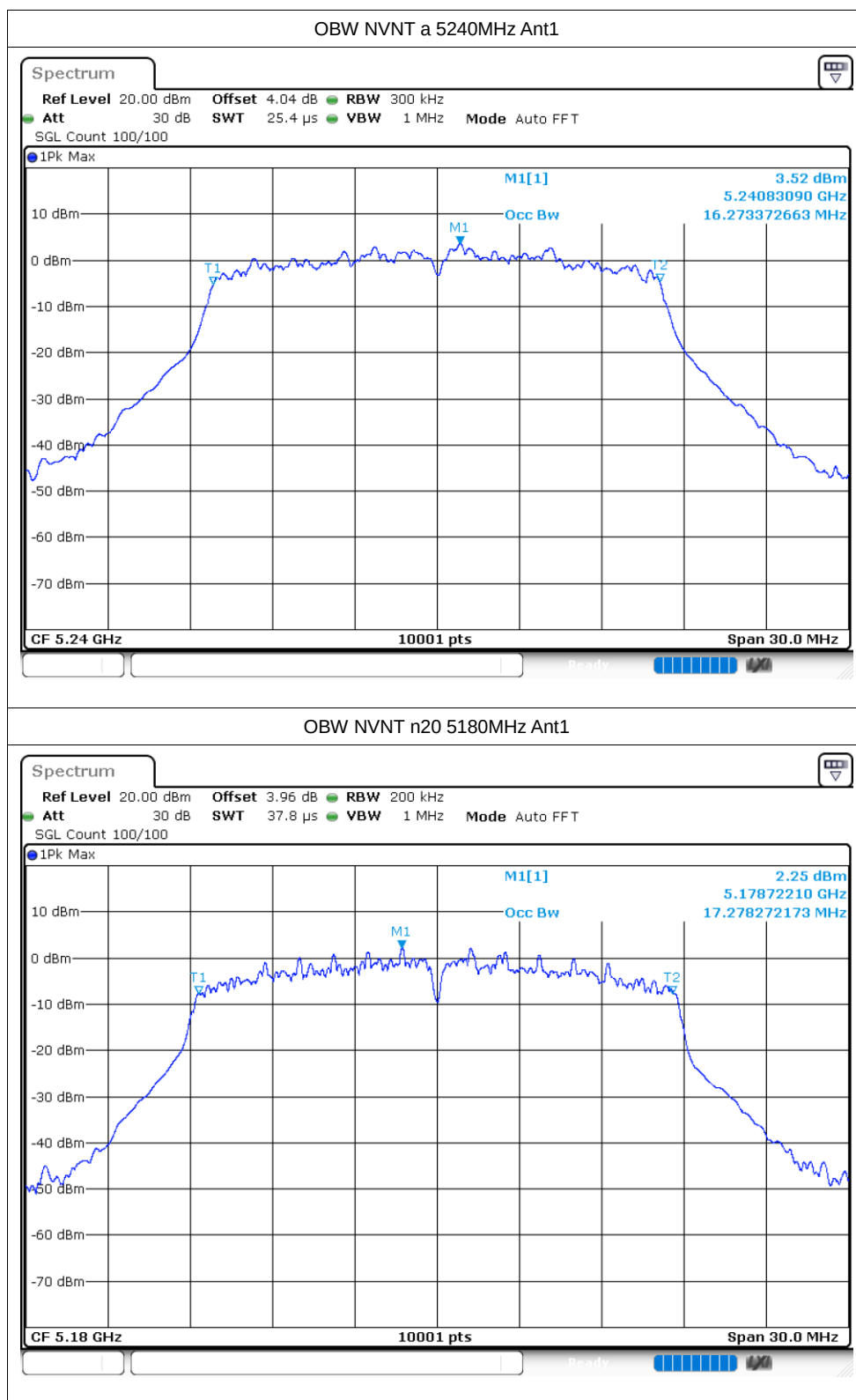
Test Graphs

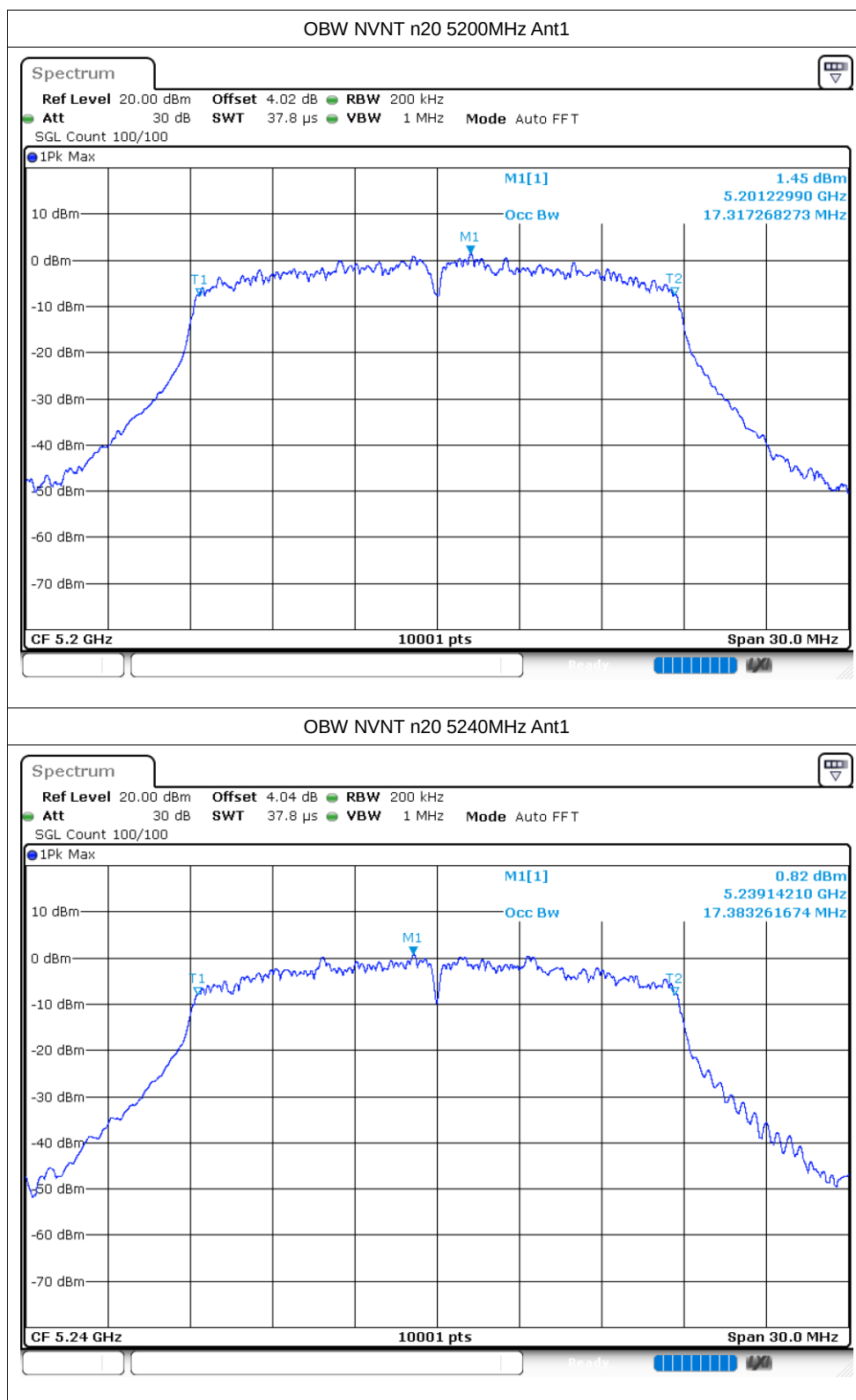
OBW NVNT a 5180MHz Ant1

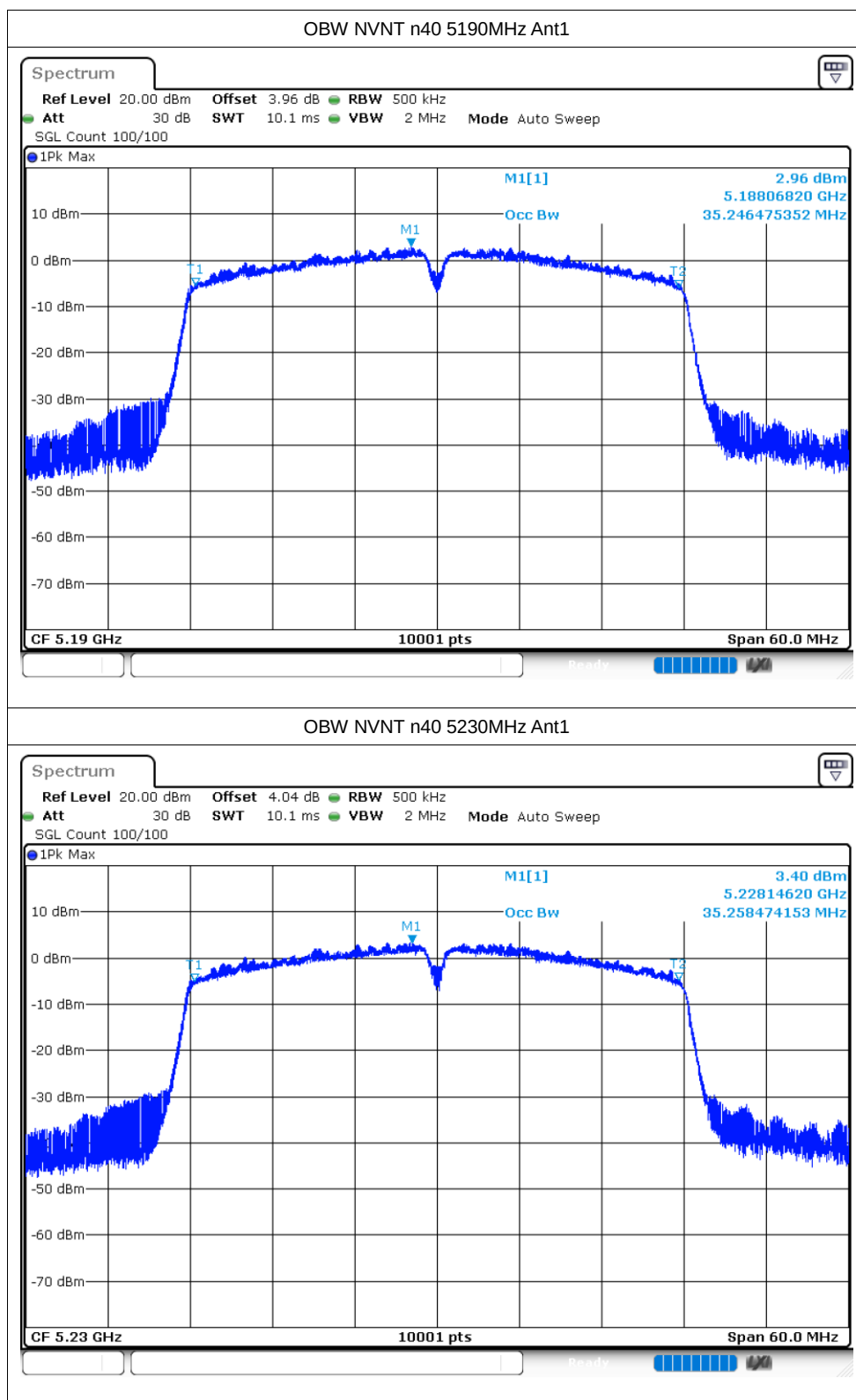


OBW NVNT a 5200MHz Ant1







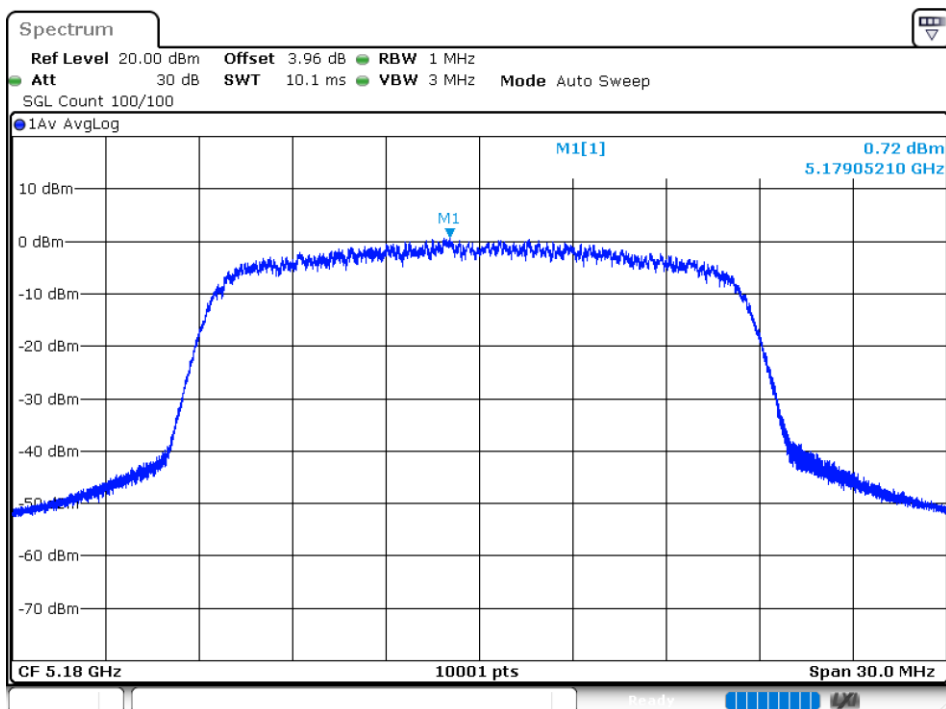


Maximum Power Spectral Density Level

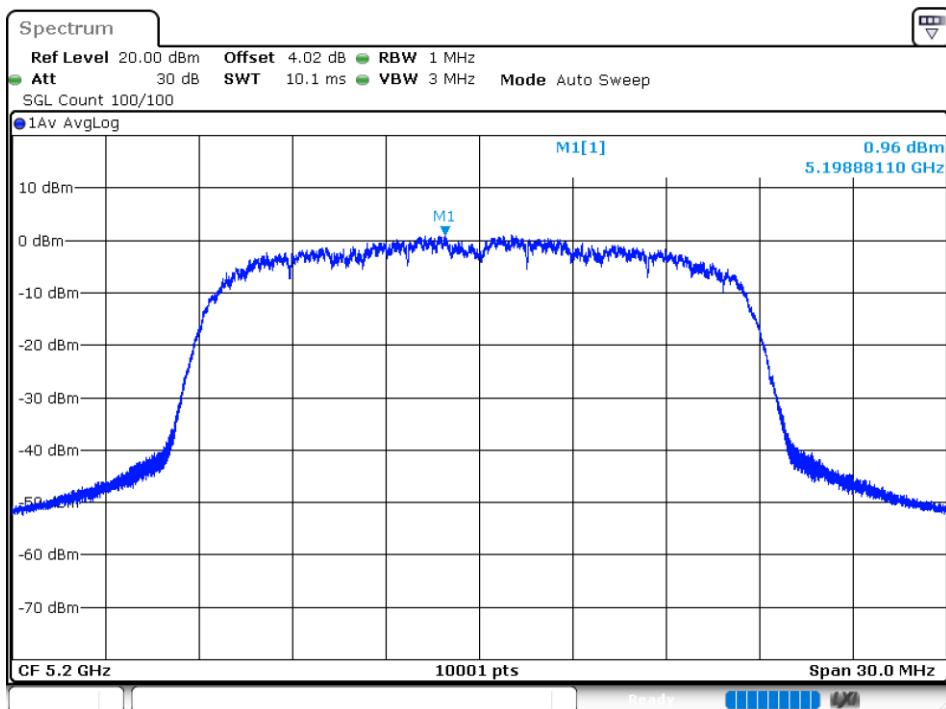
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	0.72	0.05	0.77	11	Pass
NVNT	a	5200	Ant1	0.96	0.05	1.01	11	Pass
NVNT	a	5240	Ant1	0.81	0.05	0.86	11	Pass
NVNT	n20	5180	Ant1	-0.09	0.06	-0.03	11	Pass
NVNT	n20	5200	Ant1	0.38	0.06	0.44	11	Pass
NVNT	n20	5240	Ant1	0.08	0.06	0.14	11	Pass
NVNT	n40	5190	Ant1	-2.53	0.11	-2.42	11	Pass
NVNT	n40	5230	Ant1	-2.21	0.11	-2.1	11	Pass

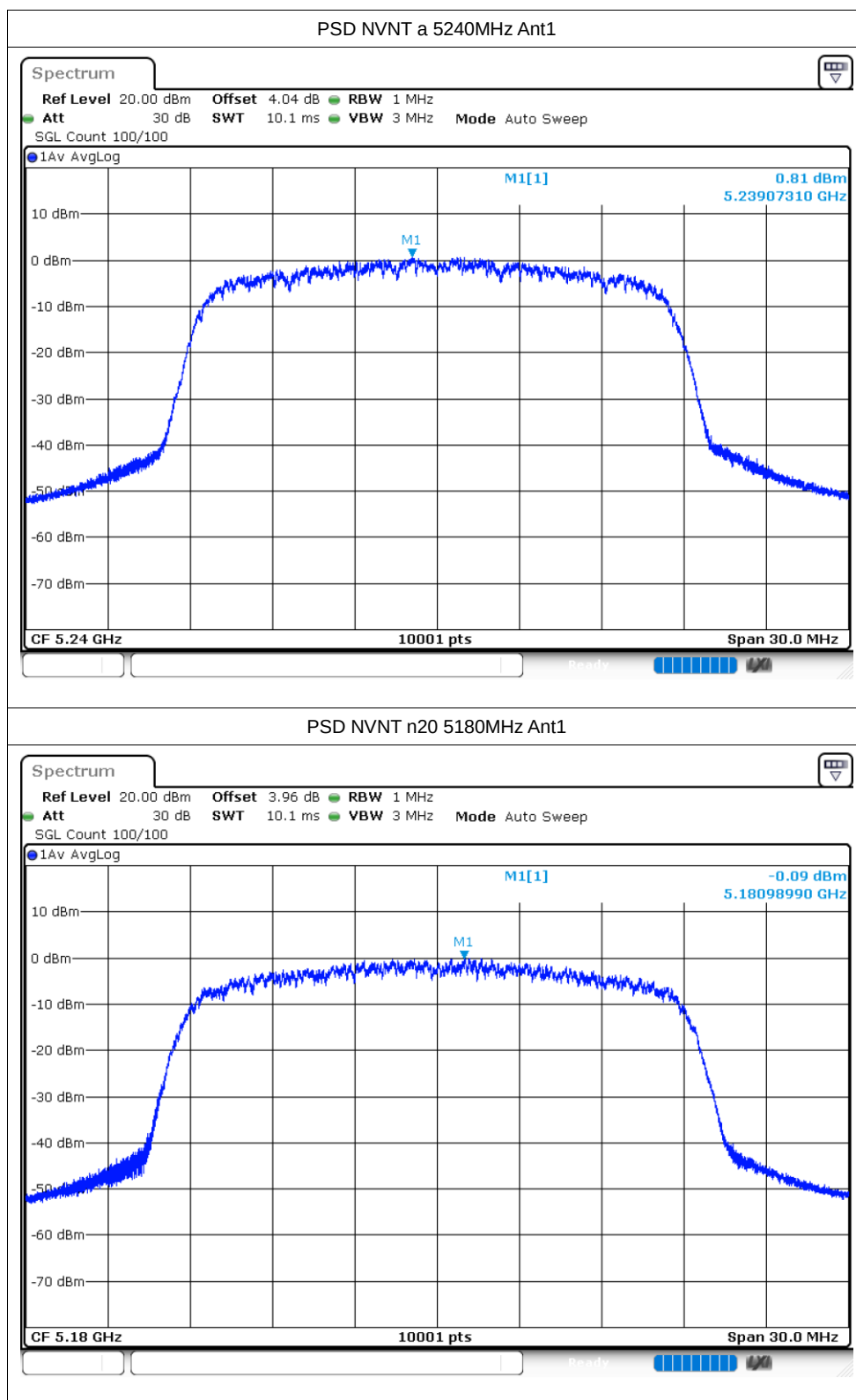
Test Graphs

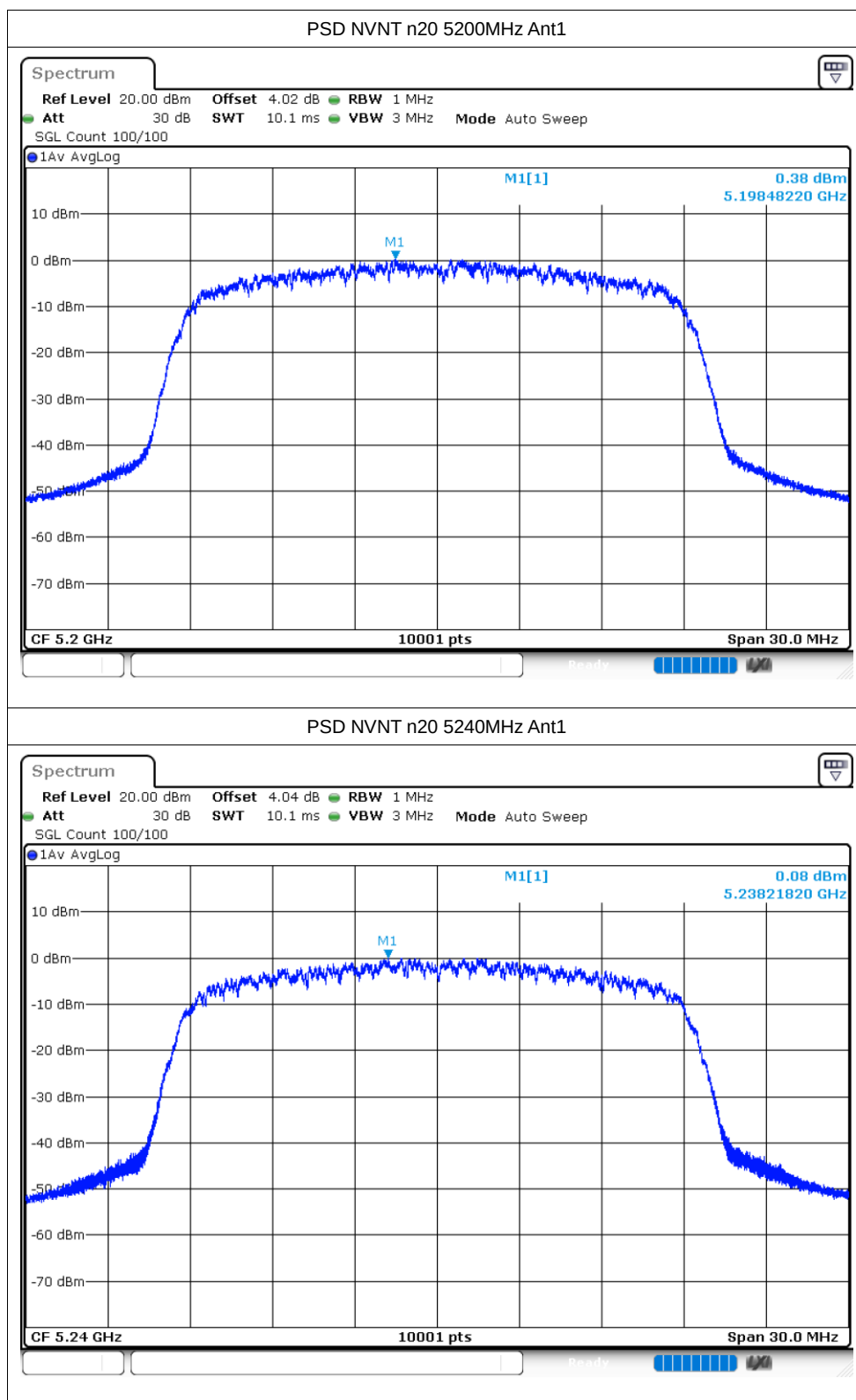
PSD NVNT a 5180MHz Ant1

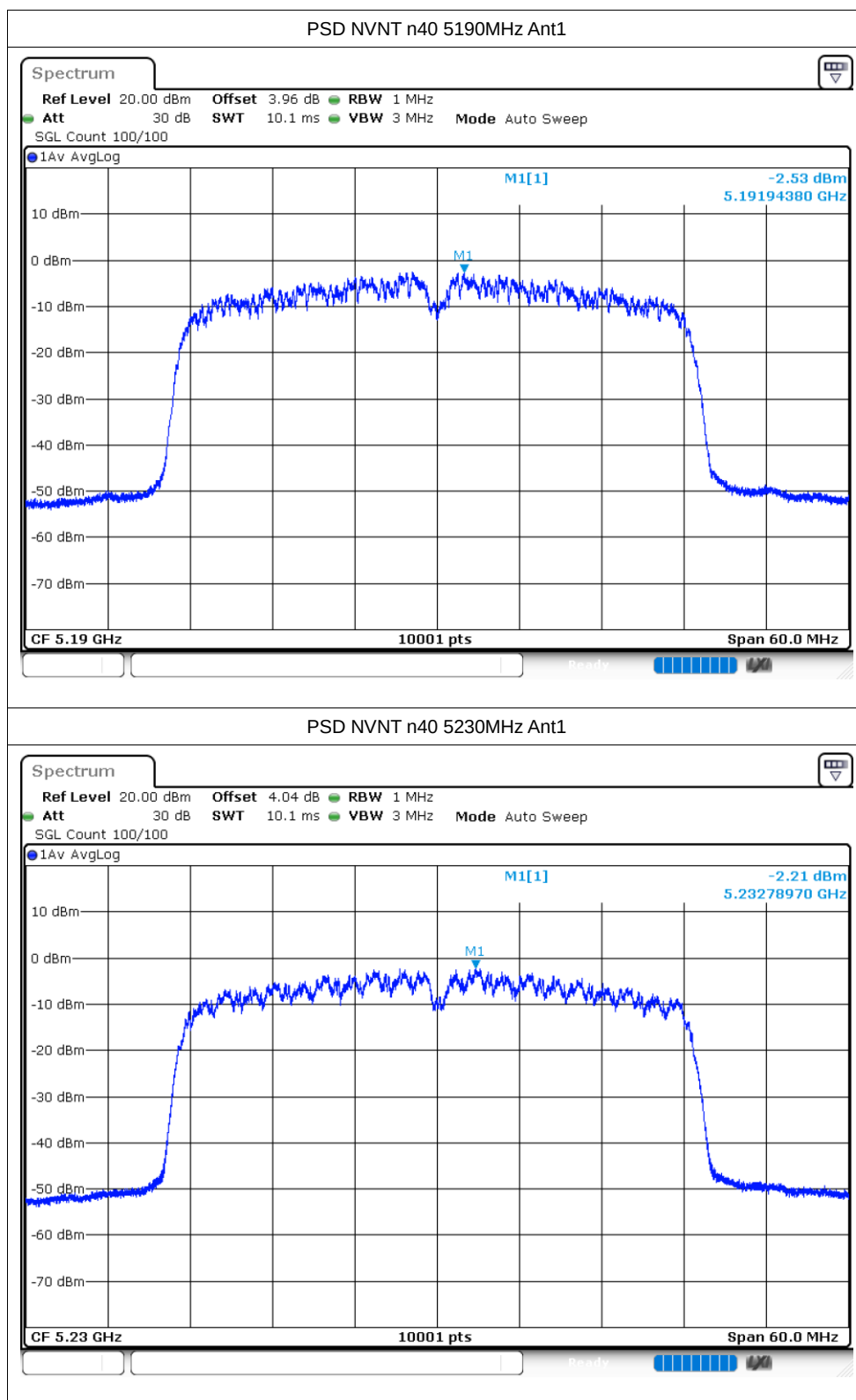


PSD NVNT a 5200MHz Ant1





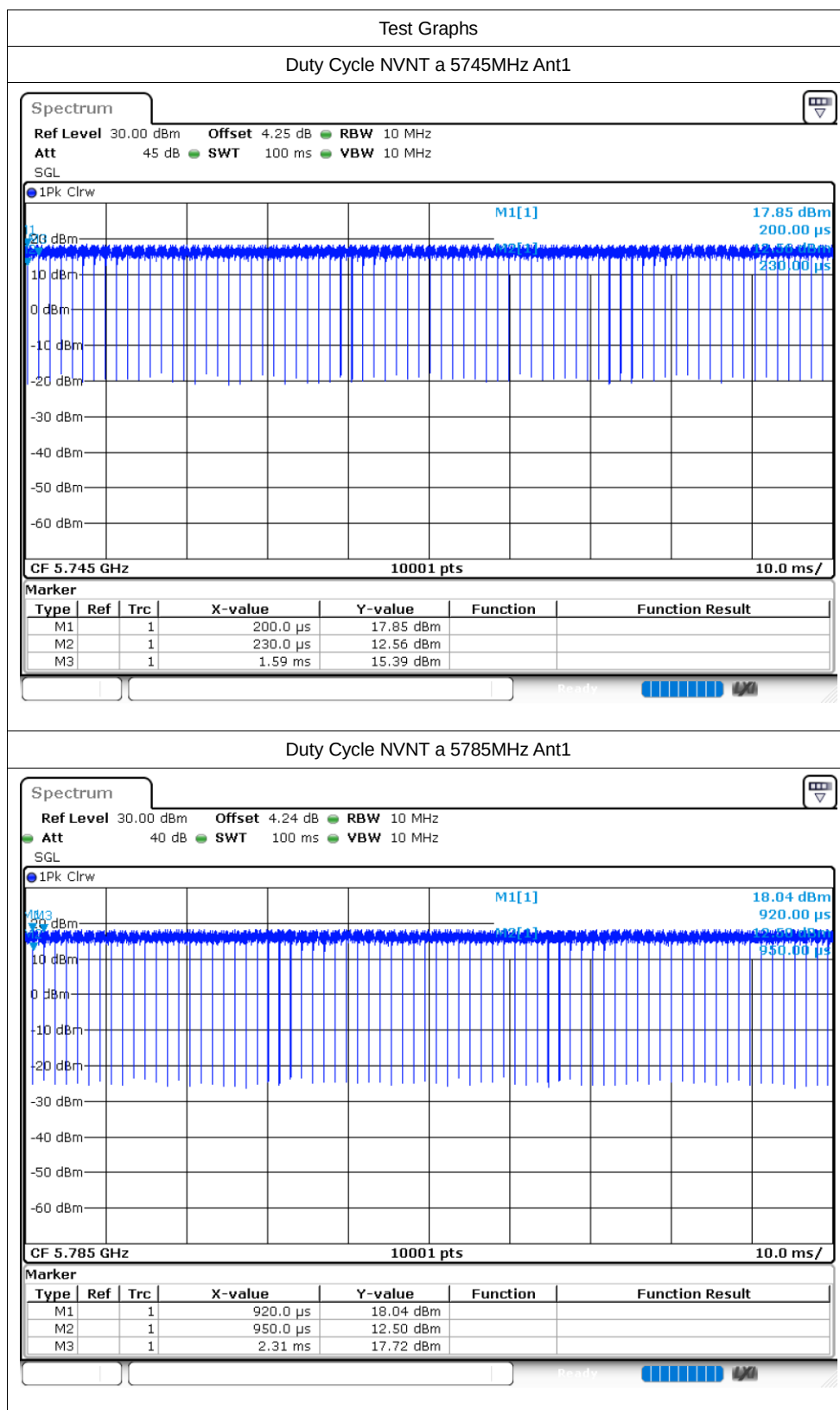


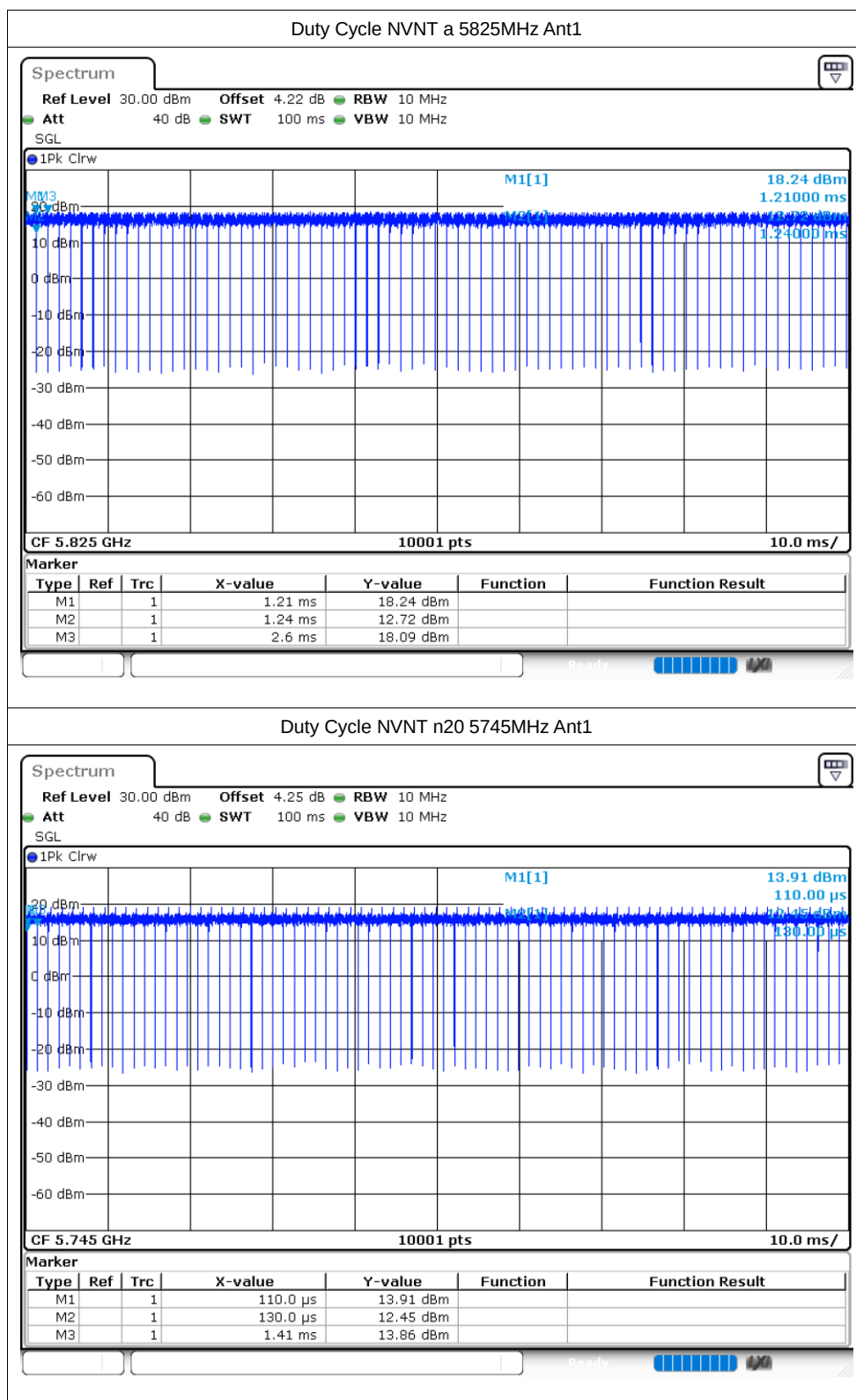


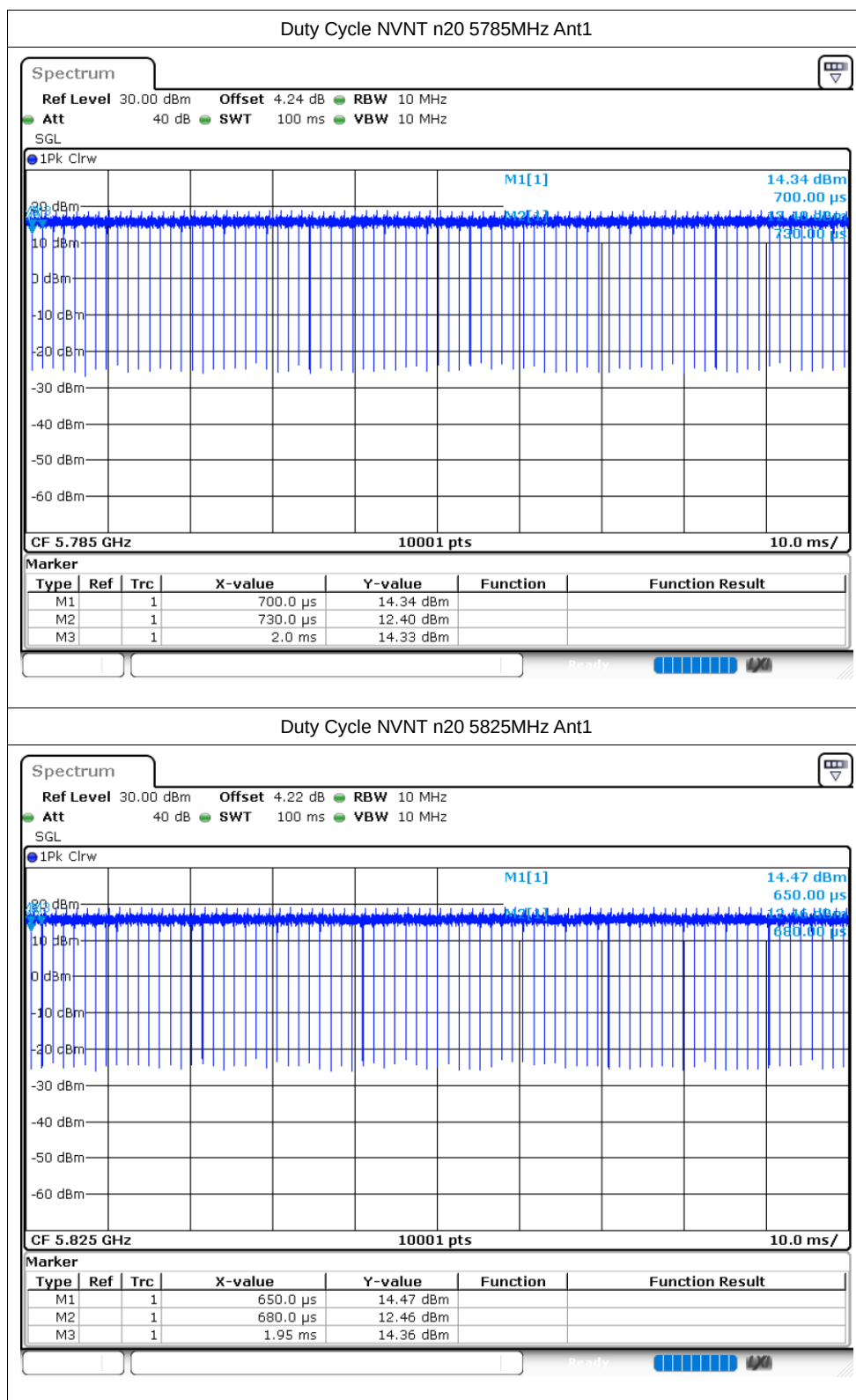
5.8G WIFI

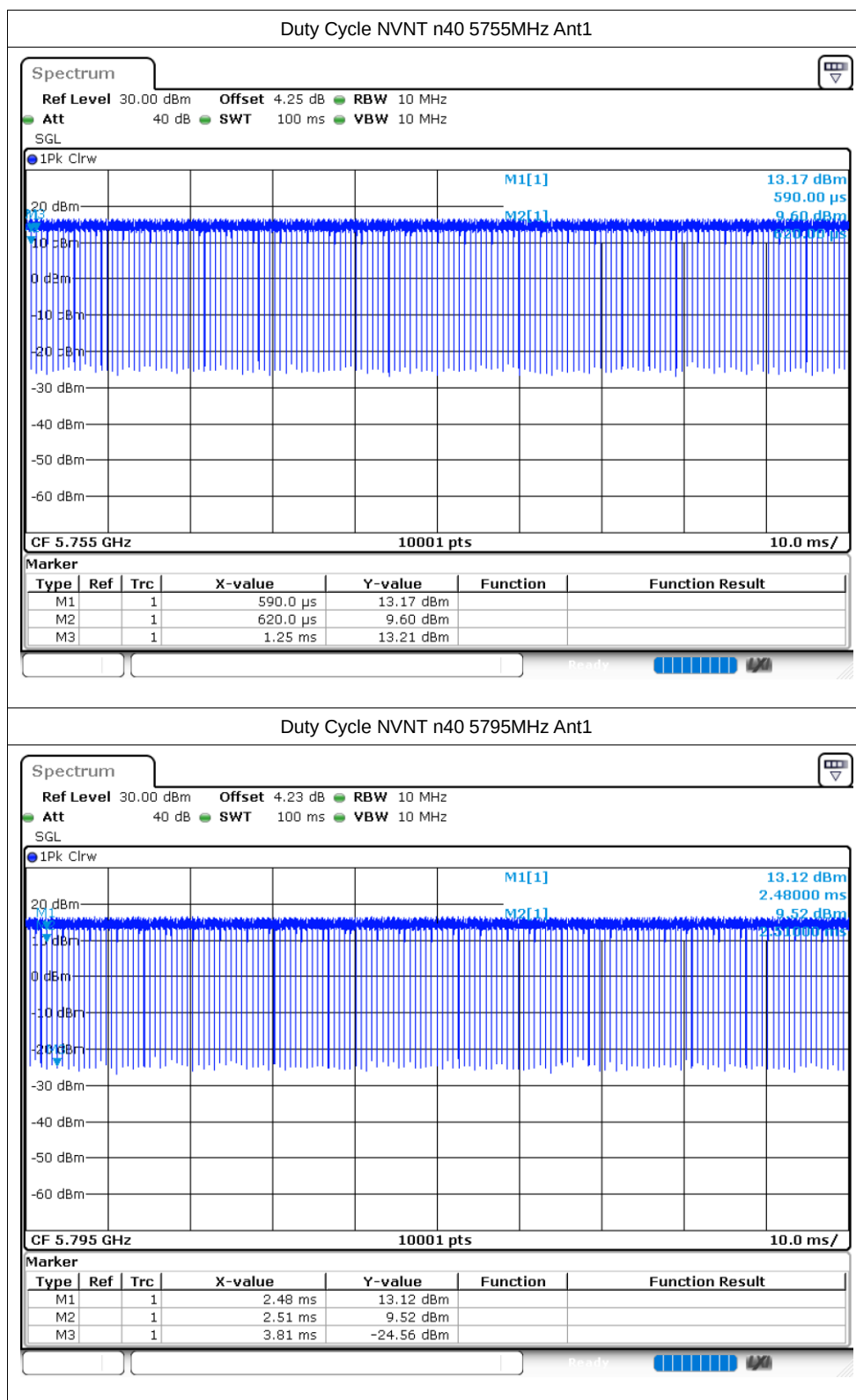
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	98.77	0.05	0.74
NVNT	a	5785	Ant1	98.76	0.05	0.74
NVNT	a	5825	Ant1	99.65	0.02	0.74
NVNT	n20	5745	Ant1	98.69	0.06	0.78
NVNT	n20	5785	Ant1	98.67	0.06	0.79
NVNT	n20	5825	Ant1	98.68	0.06	0.79
NVNT	n40	5755	Ant1	97.42	0.11	1.59
NVNT	n40	5795	Ant1	99.27	0.03	0.77









Maximum Conducted Output Power

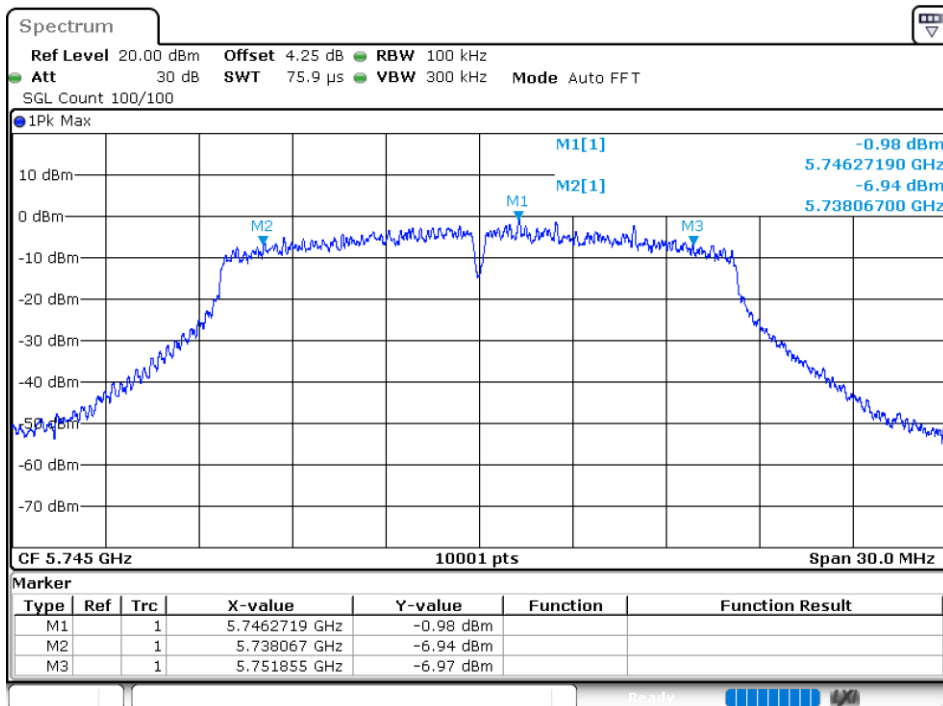
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	11.16	0.05	11.21	30	Pass
NVNT	a	5785	Ant1	11.41	0.05	11.46	30	Pass
NVNT	a	5825	Ant1	11.61	0.02	11.63	30	Pass
NVNT	n20	5745	Ant1	10.83	0.06	10.89	30	Pass
NVNT	n20	5785	Ant1	11.45	0.06	11.51	30	Pass
NVNT	n20	5825	Ant1	11.5	0.06	11.56	30	Pass
NVNT	n40	5755	Ant1	11.43	0.11	11.54	30	Pass
NVNT	n40	5795	Ant1	11.83	0.03	11.86	30	Pass

-6dB Bandwidth

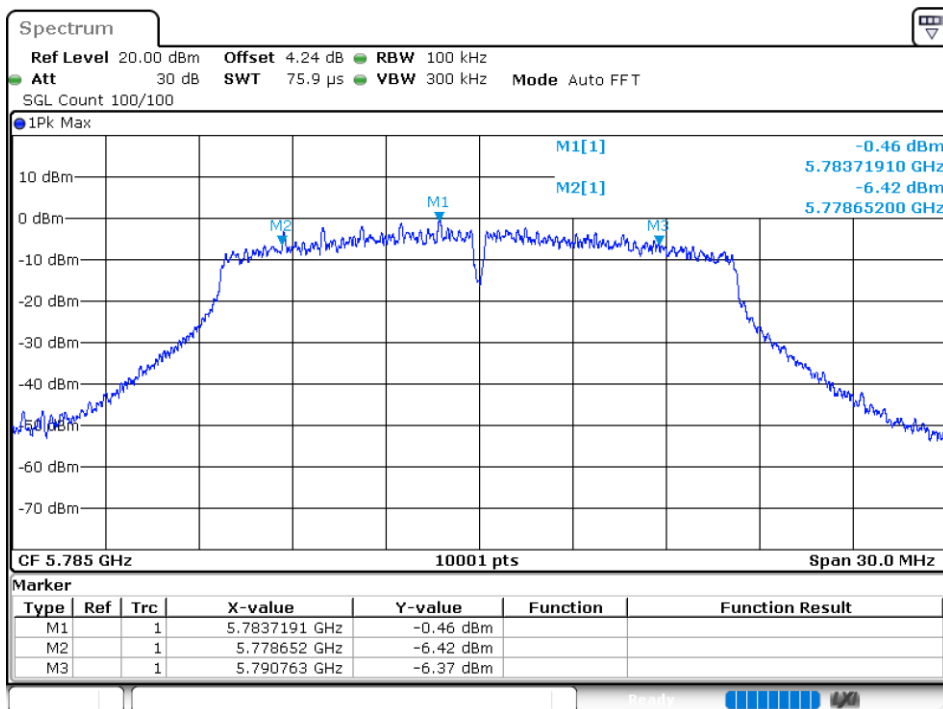
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	13.788	0.5	Pass
NVNT	a	5785	Ant1	12.111	0.5	Pass
NVNT	a	5825	Ant1	12.843	0.5	Pass
NVNT	n20	5745	Ant1	16.041	0.5	Pass
NVNT	n20	5785	Ant1	12.84	0.5	Pass
NVNT	n20	5825	Ant1	15.525	0.5	Pass
NVNT	n40	5755	Ant1	35.046	0.5	Pass
NVNT	n40	5795	Ant1	25.116	0.5	Pass

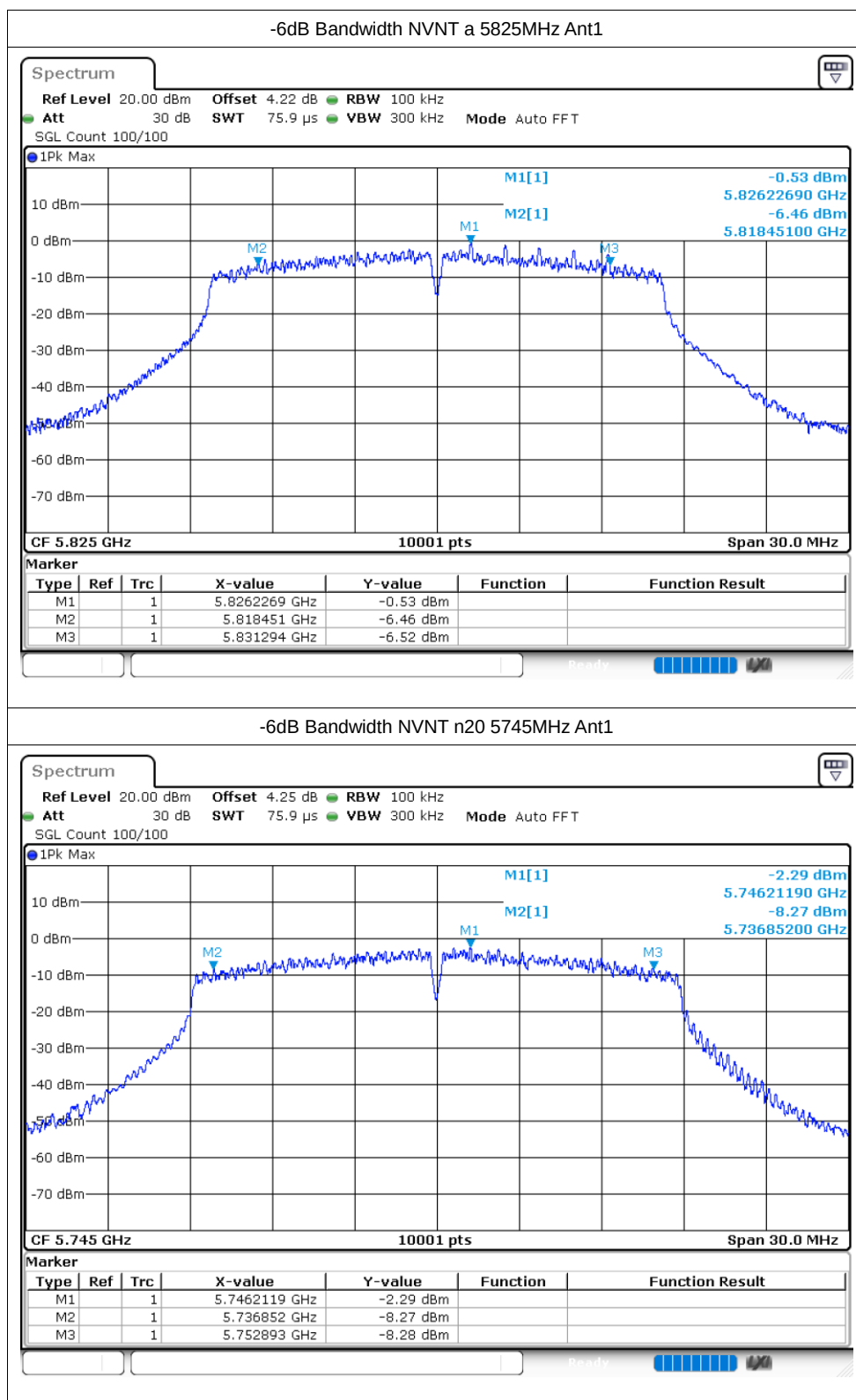
Test Graphs

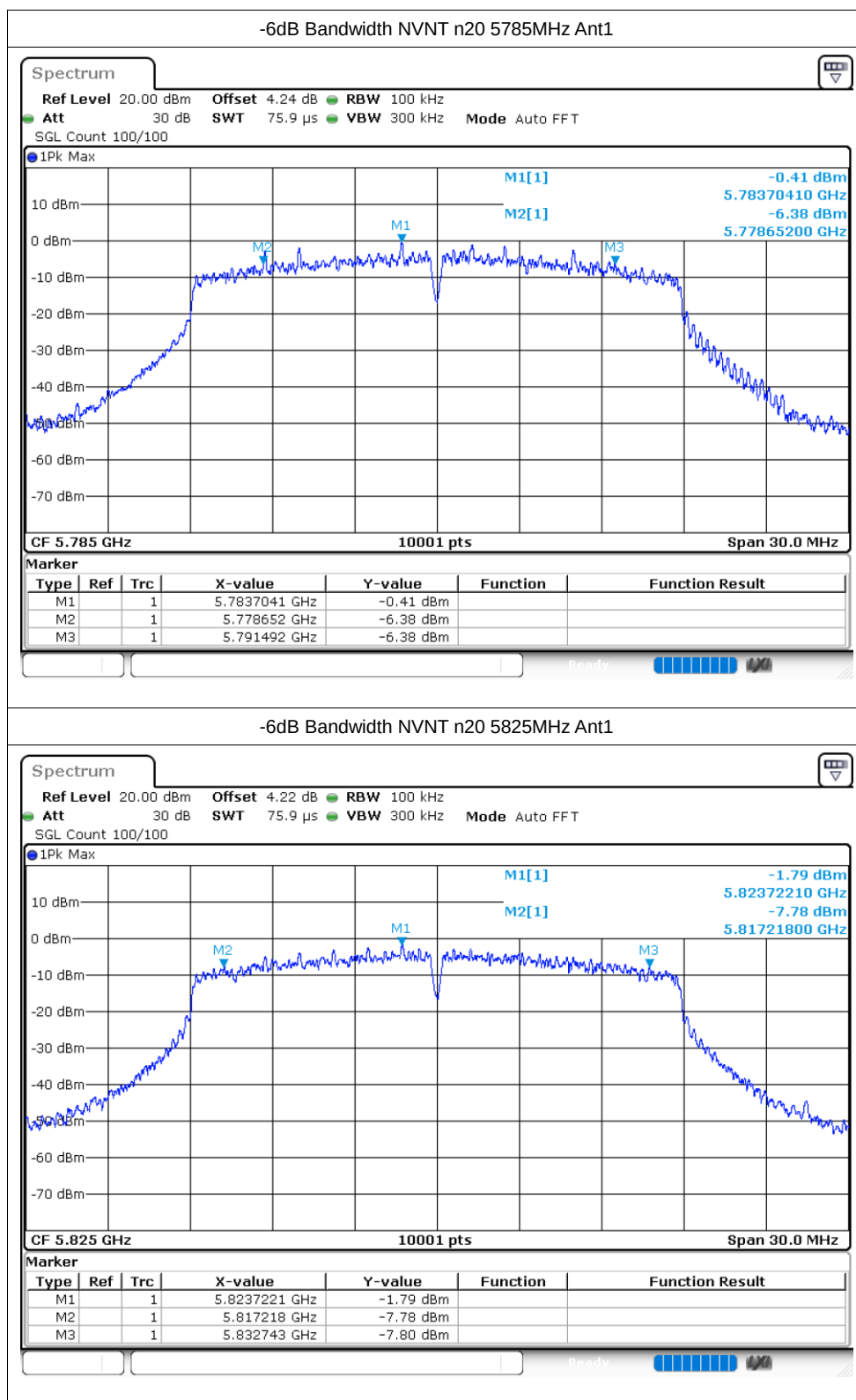
-6dB Bandwidth NVNT a 5745MHz Ant1

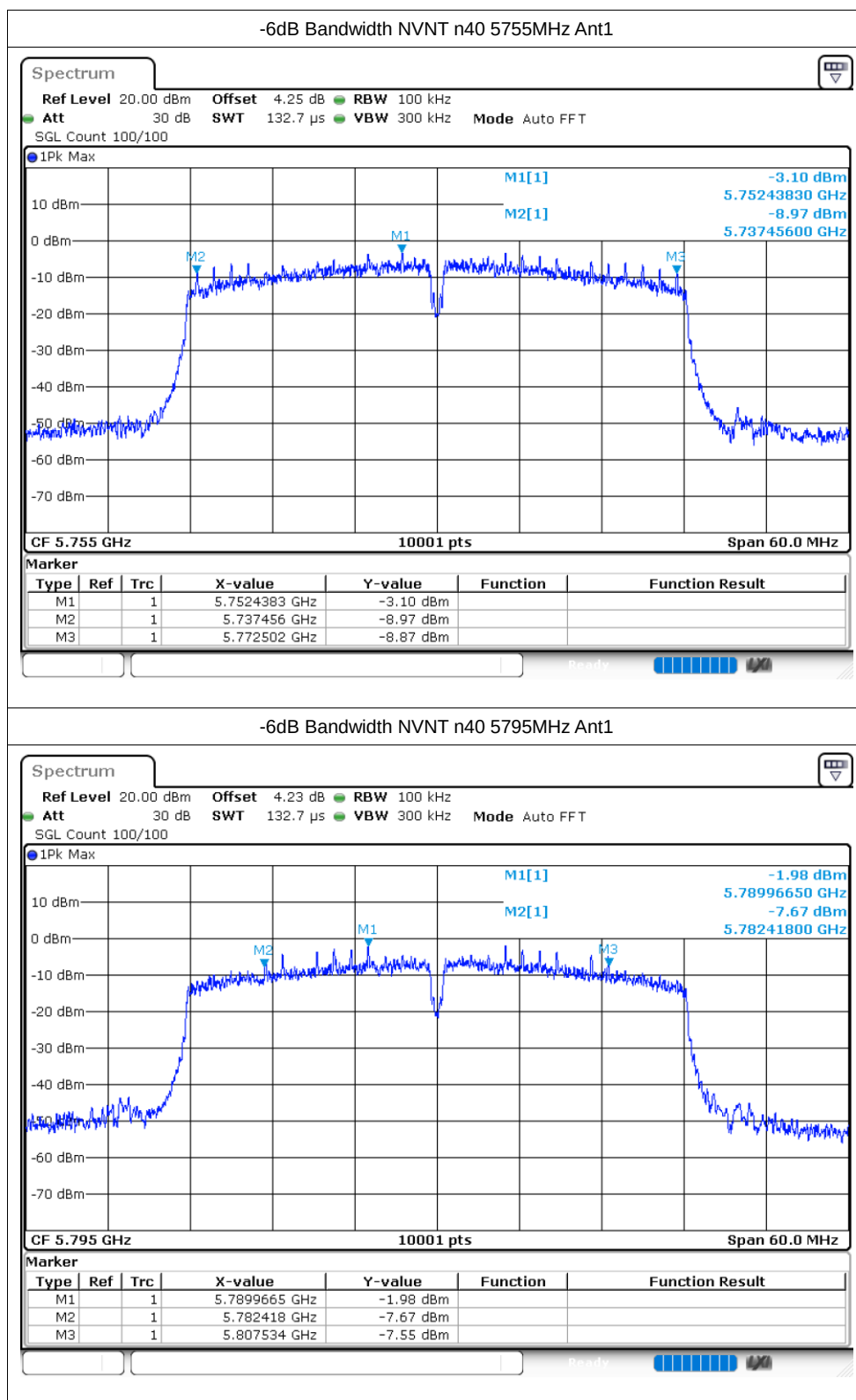


-6dB Bandwidth NVNT a 5785MHz Ant1







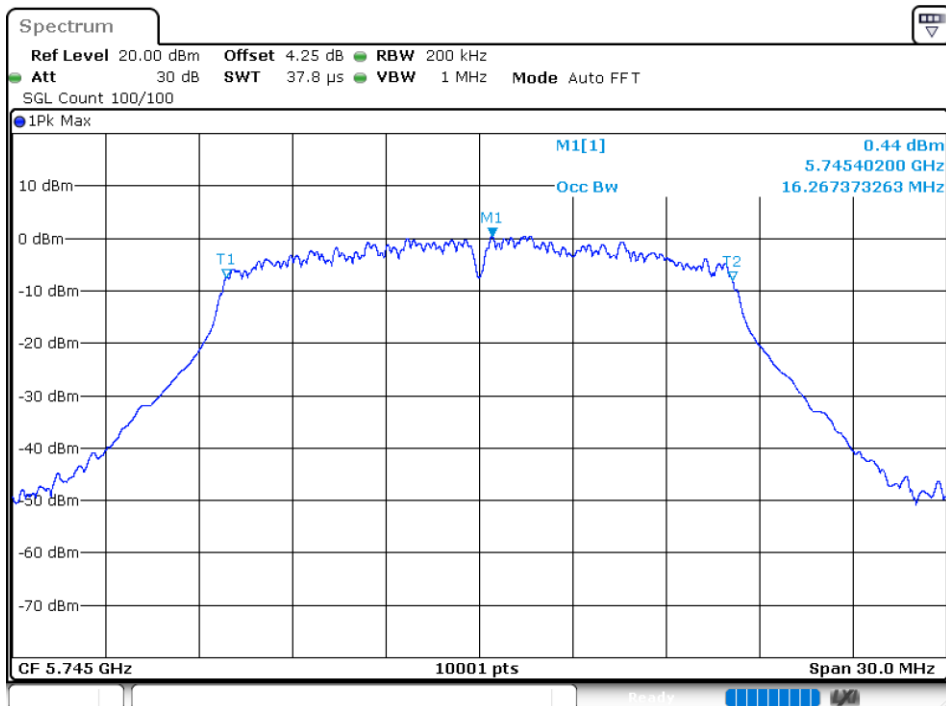


Occupied Channel Bandwidth

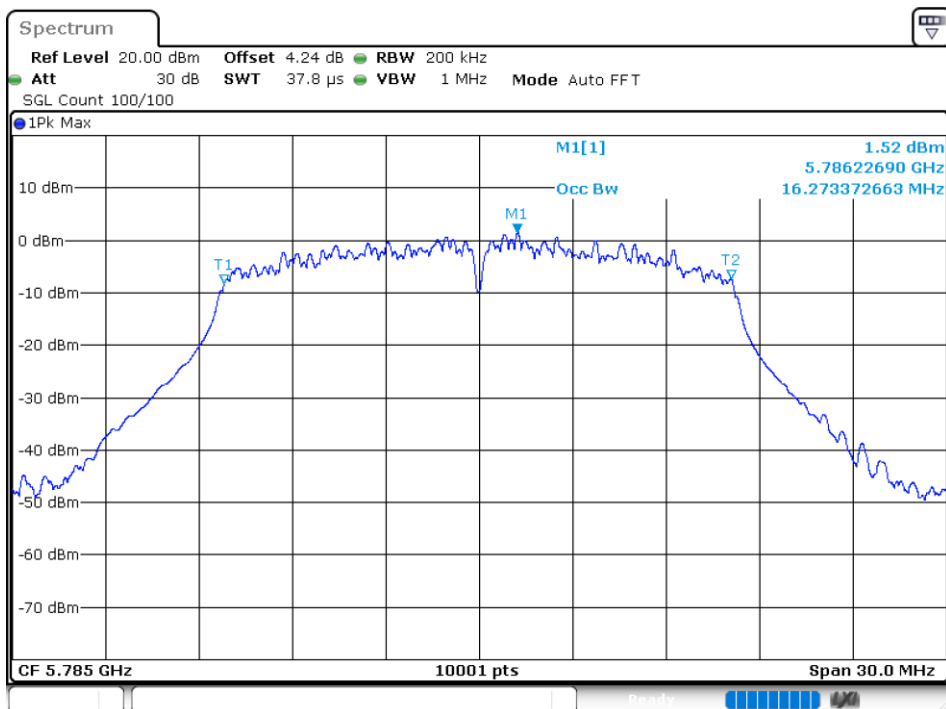
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.267
NVNT	a	5785	Ant1	16.273
NVNT	a	5825	Ant1	16.219
NVNT	n20	5745	Ant1	17.413
NVNT	n20	5785	Ant1	17.329
NVNT	n20	5825	Ant1	17.323
NVNT	n40	5755	Ant1	35.198
NVNT	n40	5795	Ant1	35.312

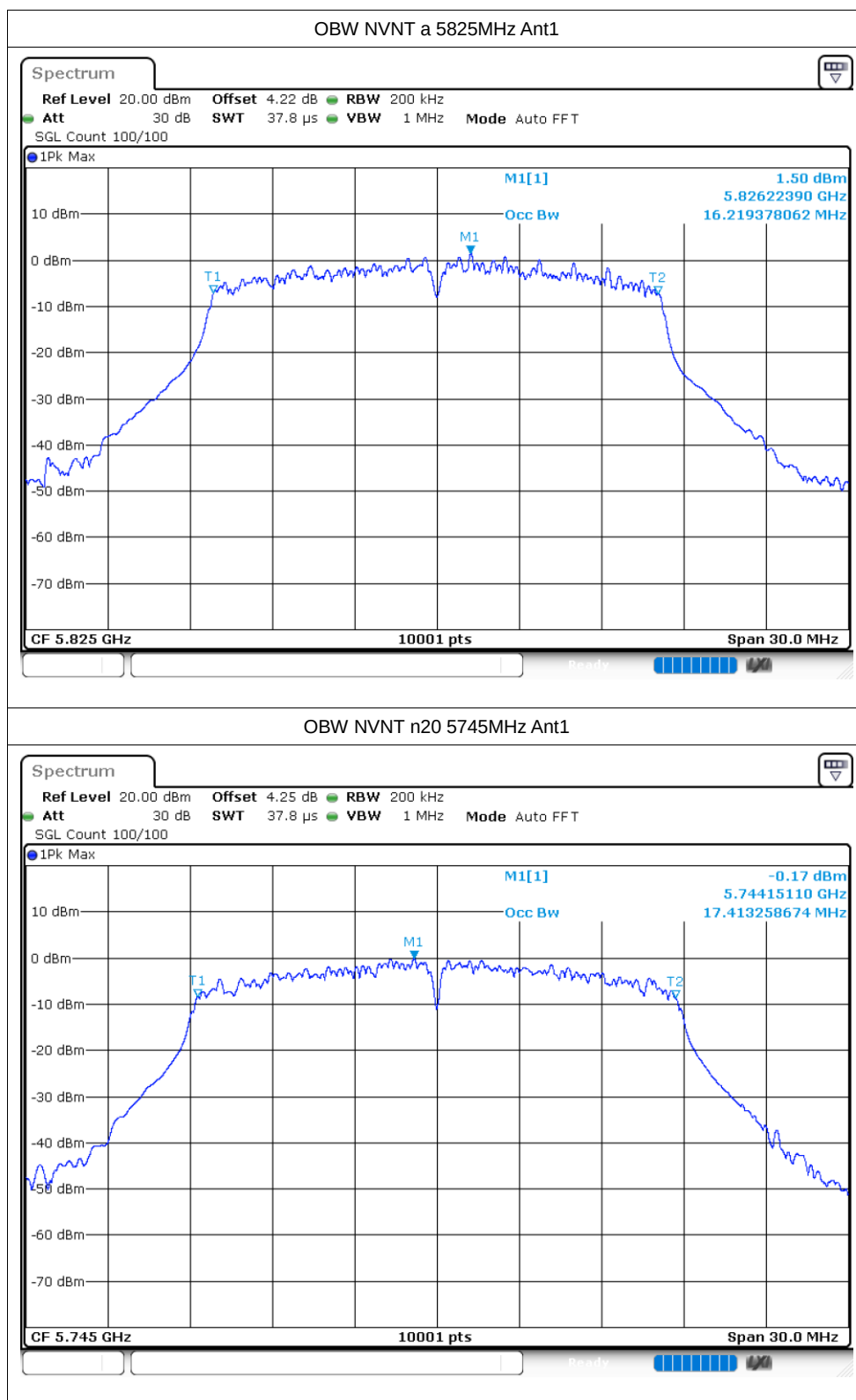
Test Graphs

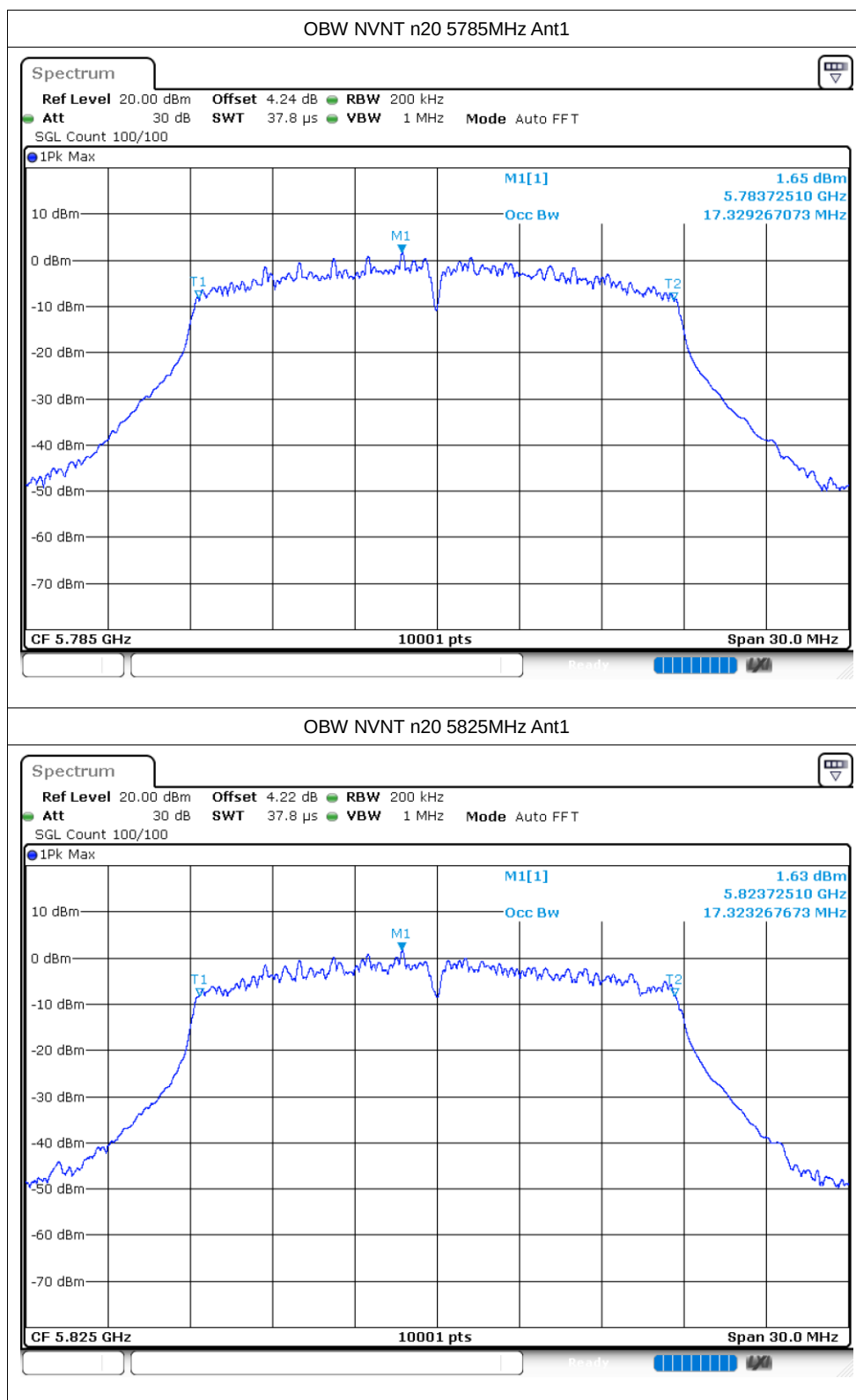
OBW NVNT a 5745MHz Ant1

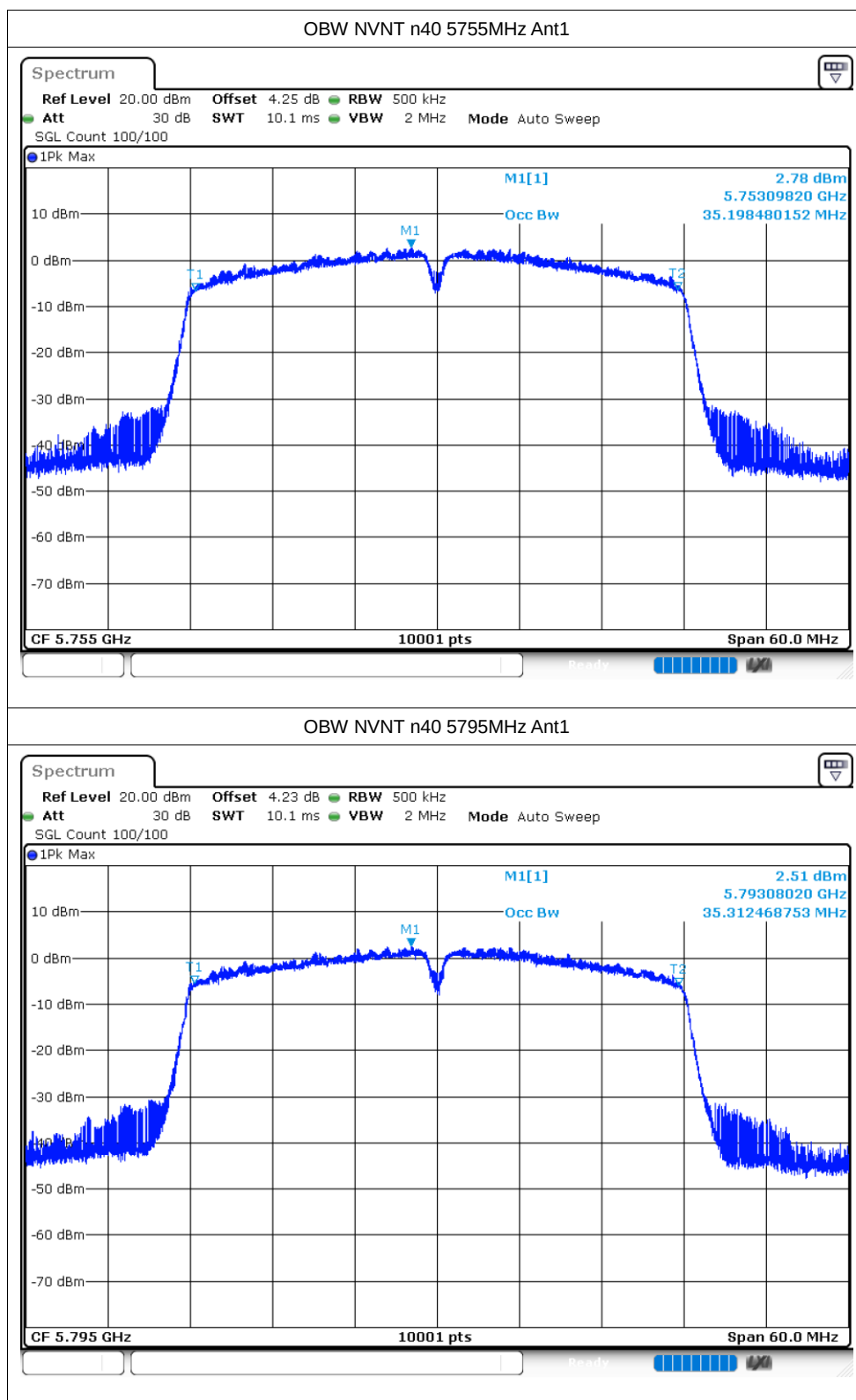


OBW NVNT a 5785MHz Ant1







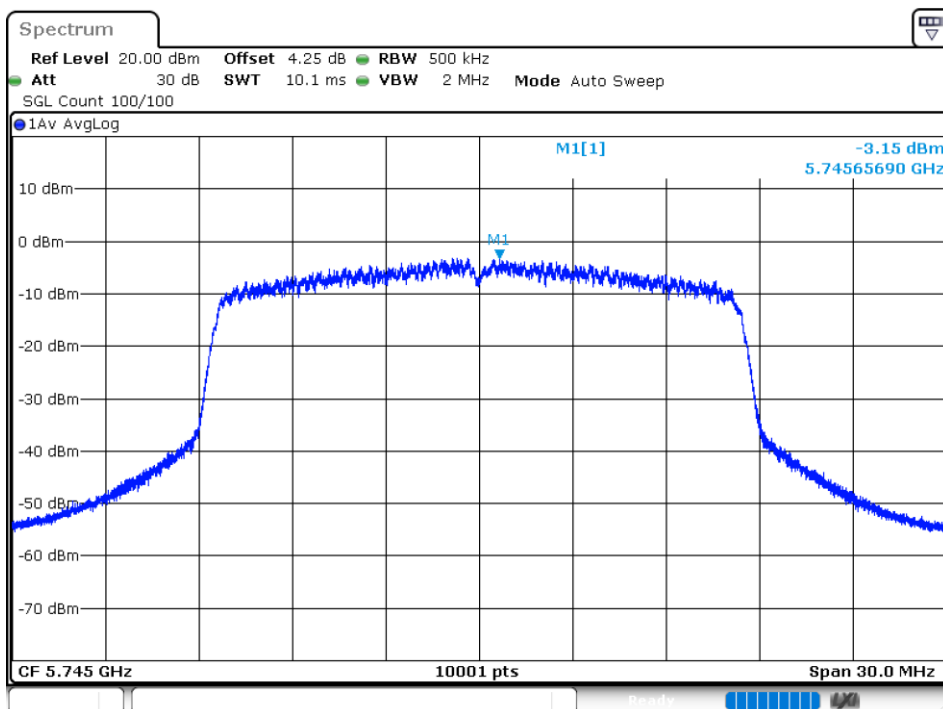


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-3.15	0.05	-3.1	30	Pass
NVNT	a	5785	Ant1	-3.08	0.05	-3.03	30	Pass
NVNT	a	5825	Ant1	-3.37	0.02	-3.35	30	Pass
NVNT	n20	5745	Ant1	-3.53	0.06	-3.47	30	Pass
NVNT	n20	5785	Ant1	-3.28	0.06	-3.22	30	Pass
NVNT	n20	5825	Ant1	-3.72	0.06	-3.66	30	Pass
NVNT	n40	5755	Ant1	-6.39	0.11	-6.28	30	Pass
NVNT	n40	5795	Ant1	-6.37	0.03	-6.34	30	Pass

Test Graphs

PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1

