

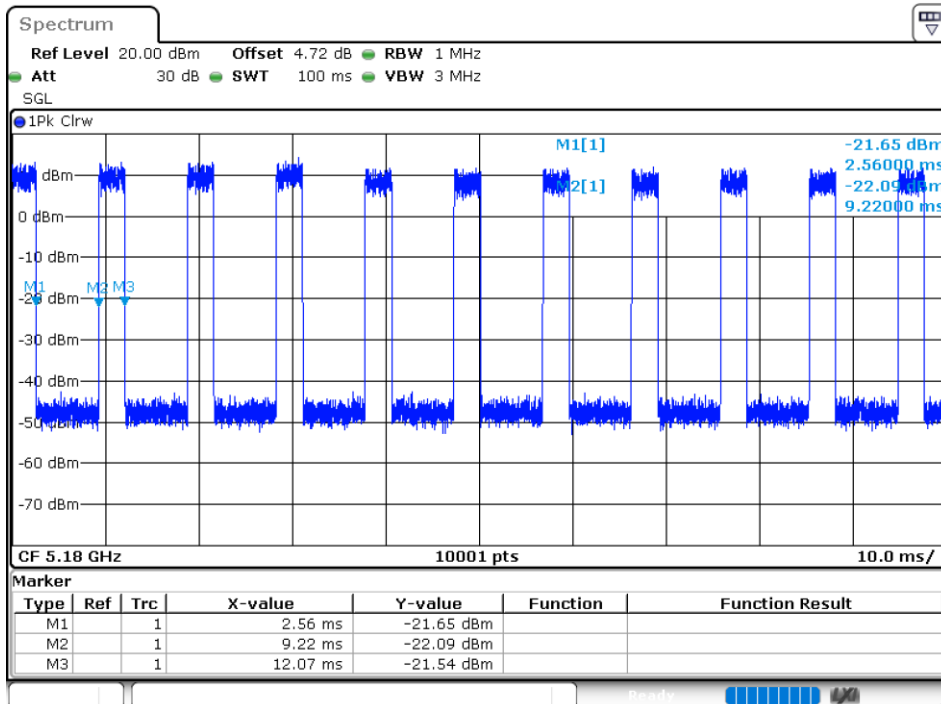
5.2G

Duty Cycle

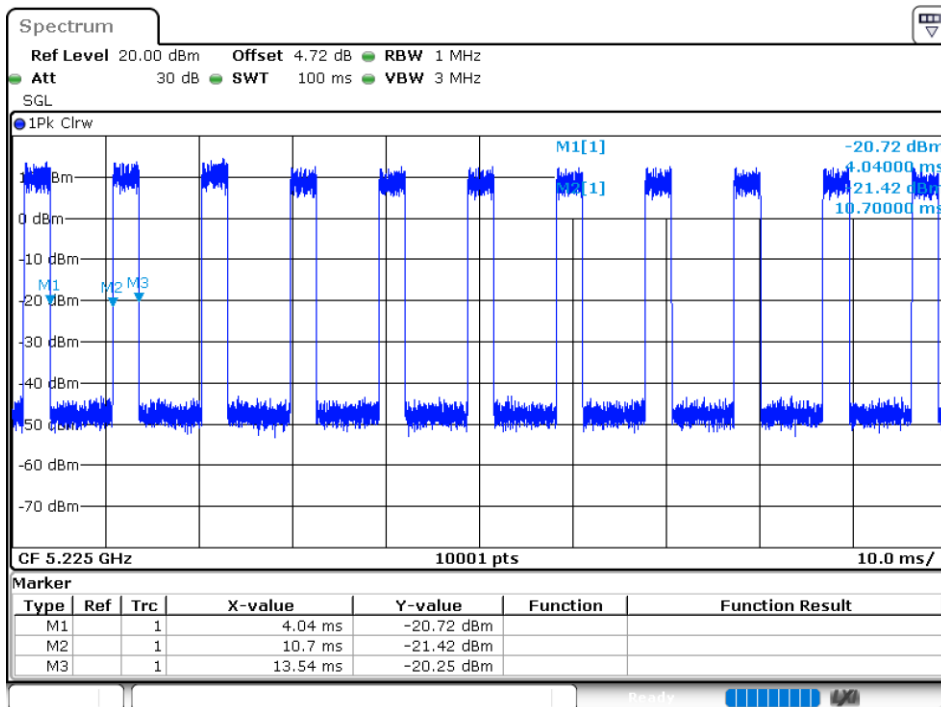
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	10M	5180	Ant1	31.11	5.07	0.35
NVNT	10M	5225	Ant1	31.36	5.04	0.35
NVNT	10M	5180	Ant2	31.38	5.03	0.35
NVNT	10M	5225	Ant2	31.38	5.03	0.35
NVNT	2.5M	5180	Ant1	30.98	5.09	0.35
NVNT	2.5M	5225	Ant1	31.37	5.04	0.35
NVNT	2.5M	5180	Ant2	31.37	5.04	0.35
NVNT	2.5M	5225	Ant2	31.02	5.08	0.35

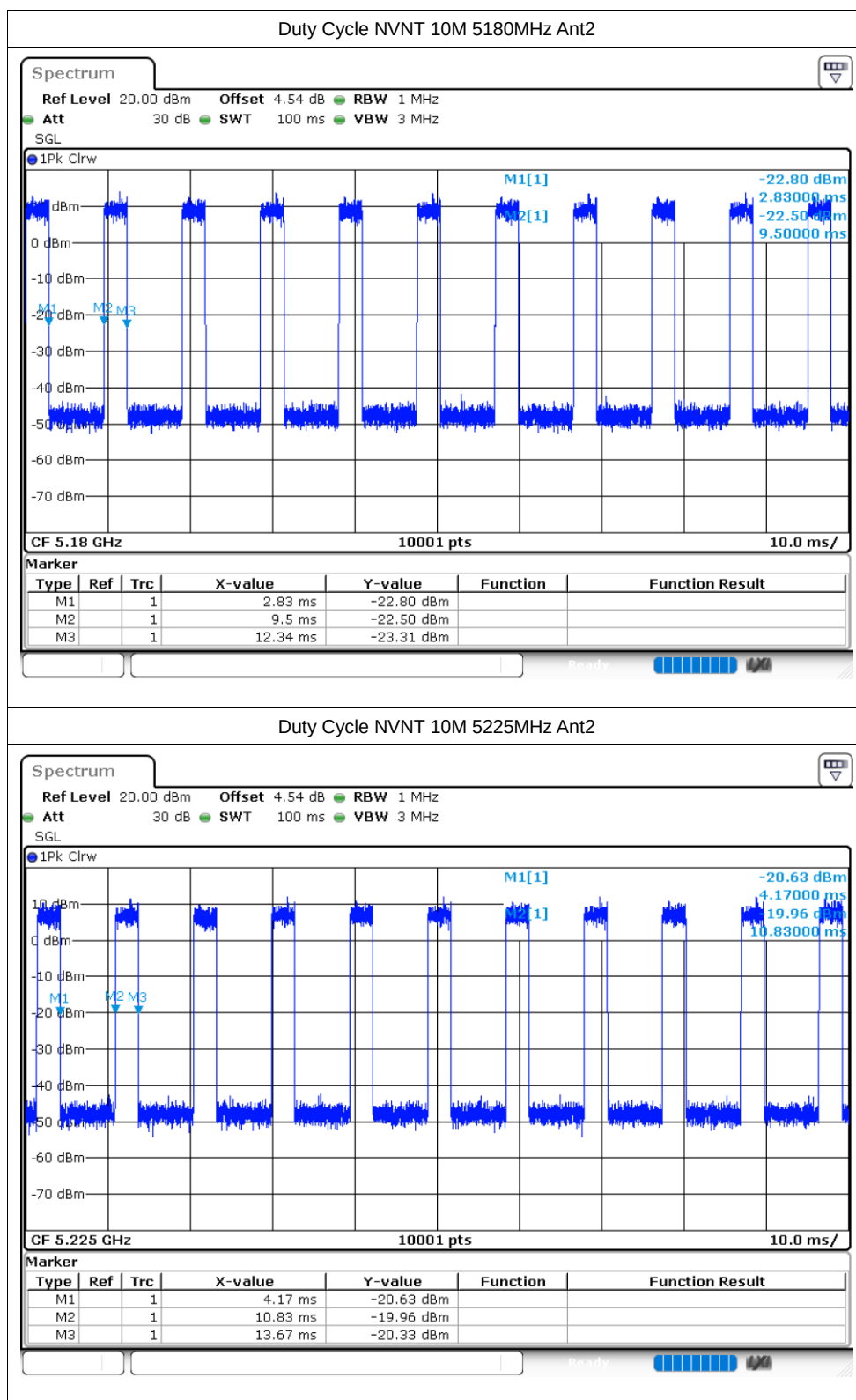
Test Graphs

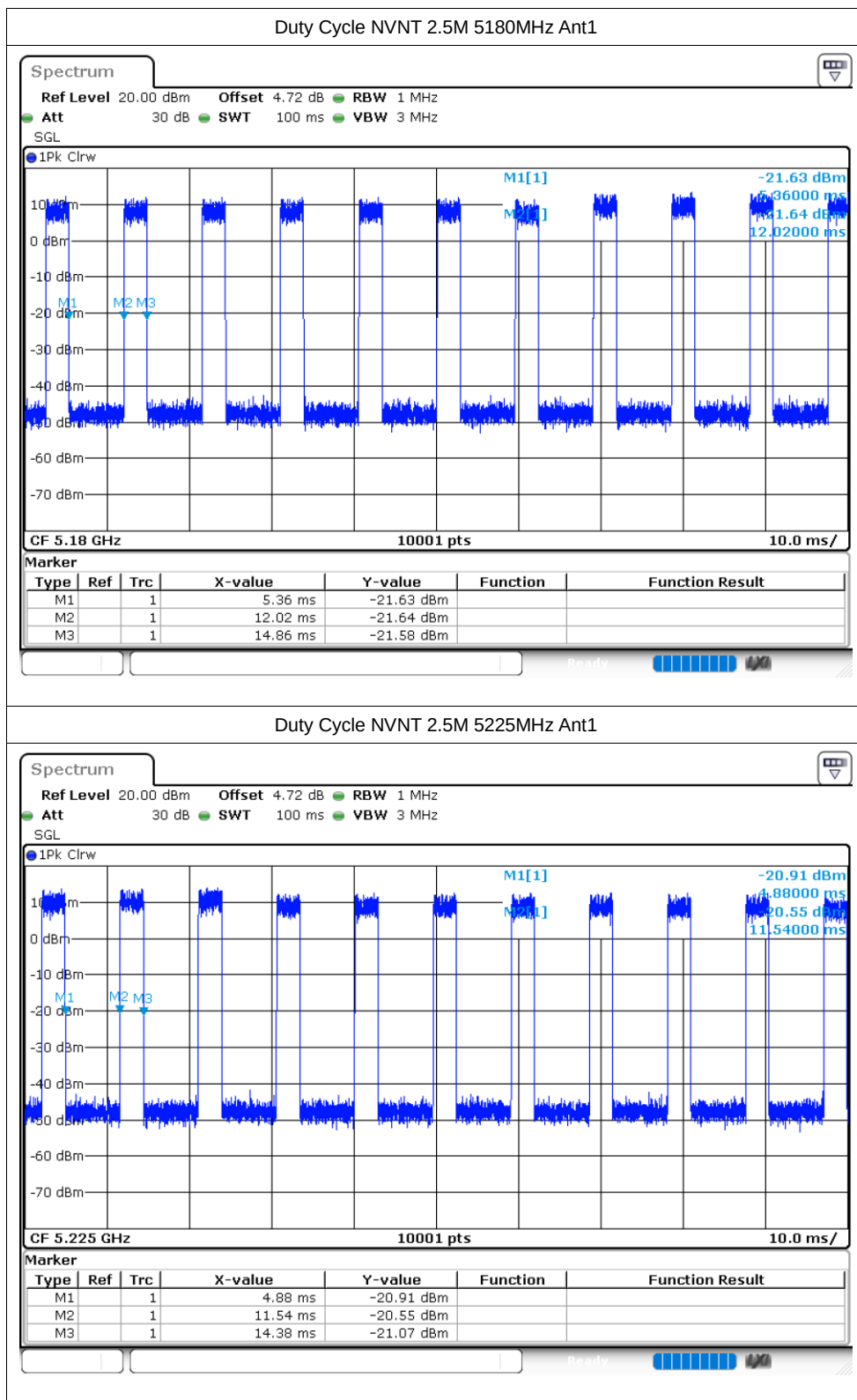
Duty Cycle NVNT 10M 5180MHz Ant1

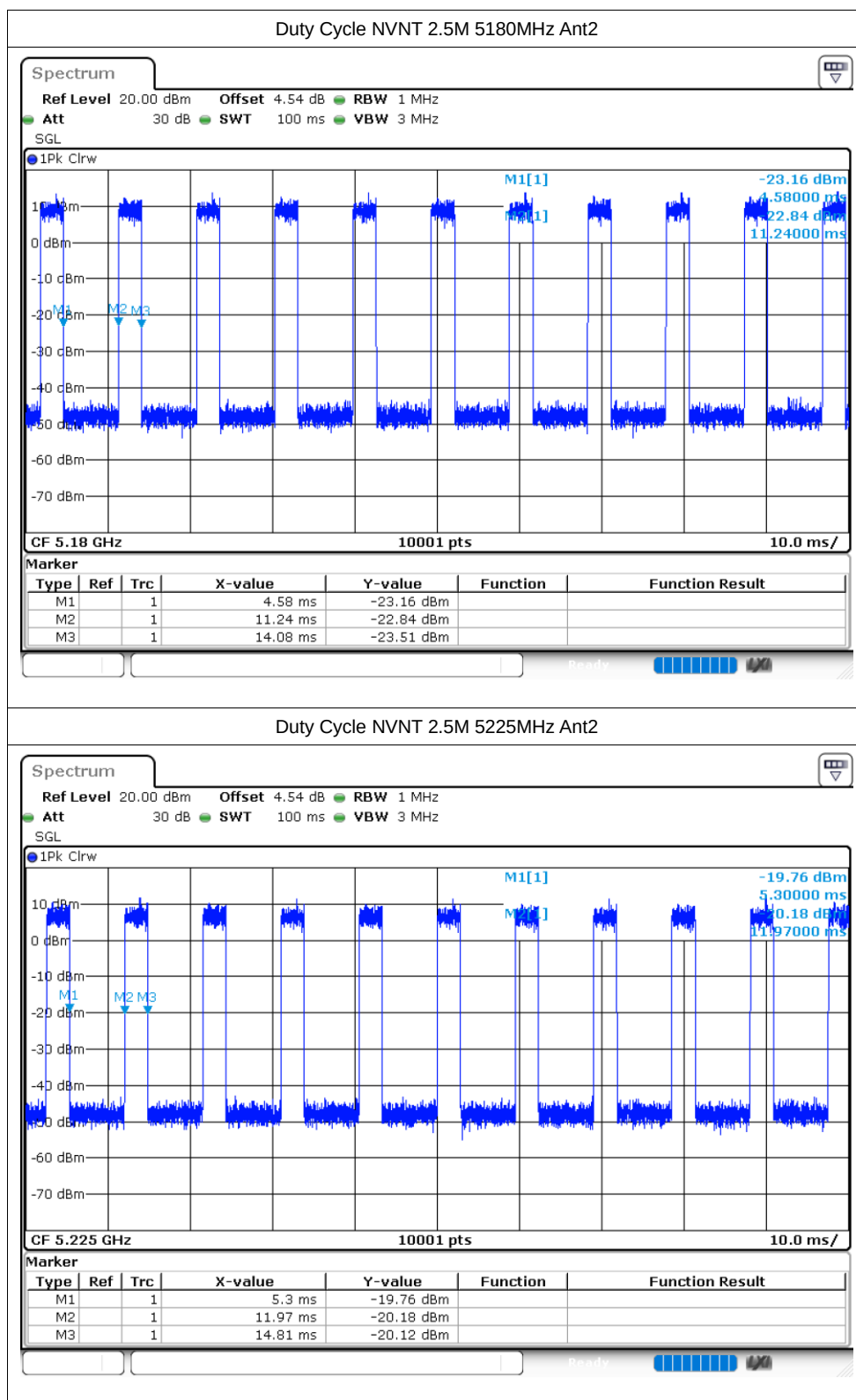


Duty Cycle NVNT 10M 5225MHz Ant1









Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	10M	5180	Ant1	14.15	23.09	Pass
NVNT	10M	5180	Ant2	14.18	23.09	Pass
NVNT	10M	5180	Sum	17.18	23.09	Pass
NVNT	10M	5225	Ant1	14.21	23.09	Pass
NVNT	10M	5225	Ant2	14.23	23.09	Pass
NVNT	10M	5225	Sum	17.23	23.09	Pass
NVNT	2.5M	5180	Ant1	8.3	23.09	Pass
NVNT	2.5M	5180	Ant2	8.54	23.09	Pass
NVNT	2.5M	5180	Sum	11.43	23.09	Pass
NVNT	2.5M	5225	Ant1	10.06	23.09	Pass
NVNT	2.5M	5225	Ant2	10.08	23.09	Pass
NVNT	2.5M	5225	Sum	13.08	23.09	Pass

Note: The average power value already includes the duty cycle factor.

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	10M	5180	Ant1	10.206	Pass
NVNT	10M	5180	Ant2	10.187	Pass
NVNT	10M	5225	Ant1	10.236	Pass
NVNT	10M	5225	Ant2	10.36	Pass
NVNT	2.5M	5180	Ant1	3.126	Pass
NVNT	2.5M	5180	Ant2	2.966	Pass
NVNT	2.5M	5225	Ant1	3.163	Pass
NVNT	2.5M	5225	Ant2	3.133	Pass

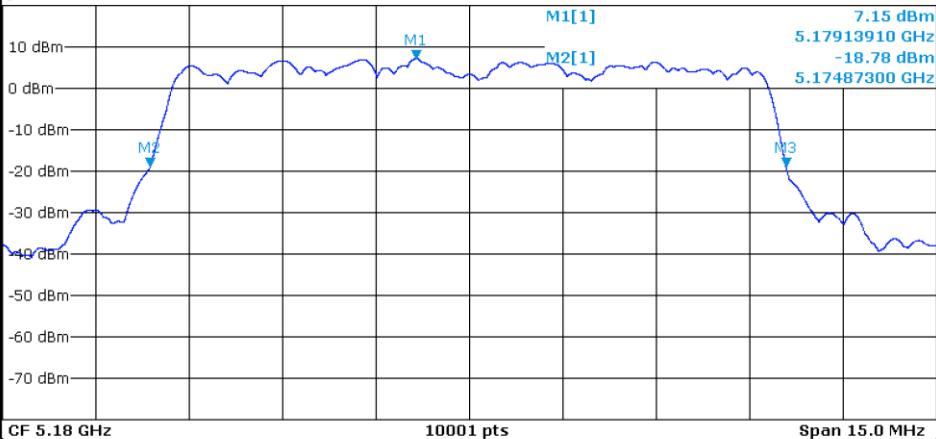
Test Graphs

-26dB Bandwidth NVNT 10M 5180MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 4.72 dB RBW 300 kHz
 Att 30 dB SWT 12.7 μ s VBW 1 MHz Mode Auto FFT
 SGL Count 100/100

1Pk Max



Marker

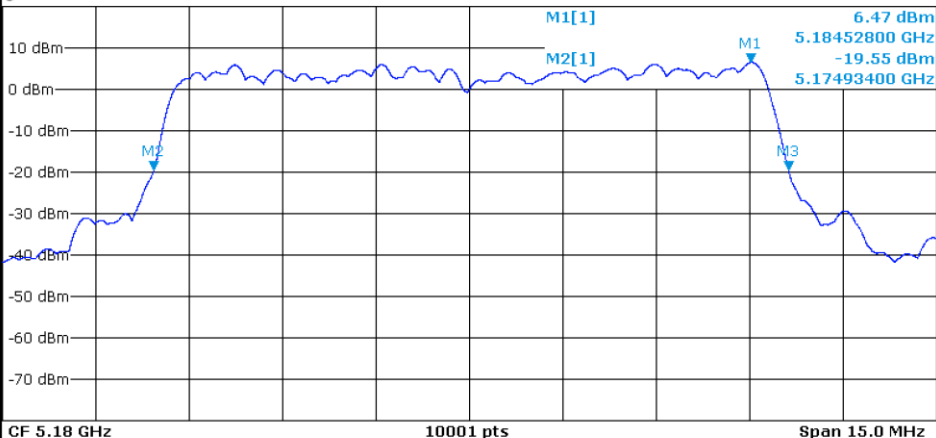
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1791391 GHz	7.15 dBm		
M2		1	5.174873 GHz	-18.78 dBm		
M3		1	5.185079 GHz	-18.77 dBm		

-26dB Bandwidth NVNT 10M 5180MHz Ant2

Spectrum

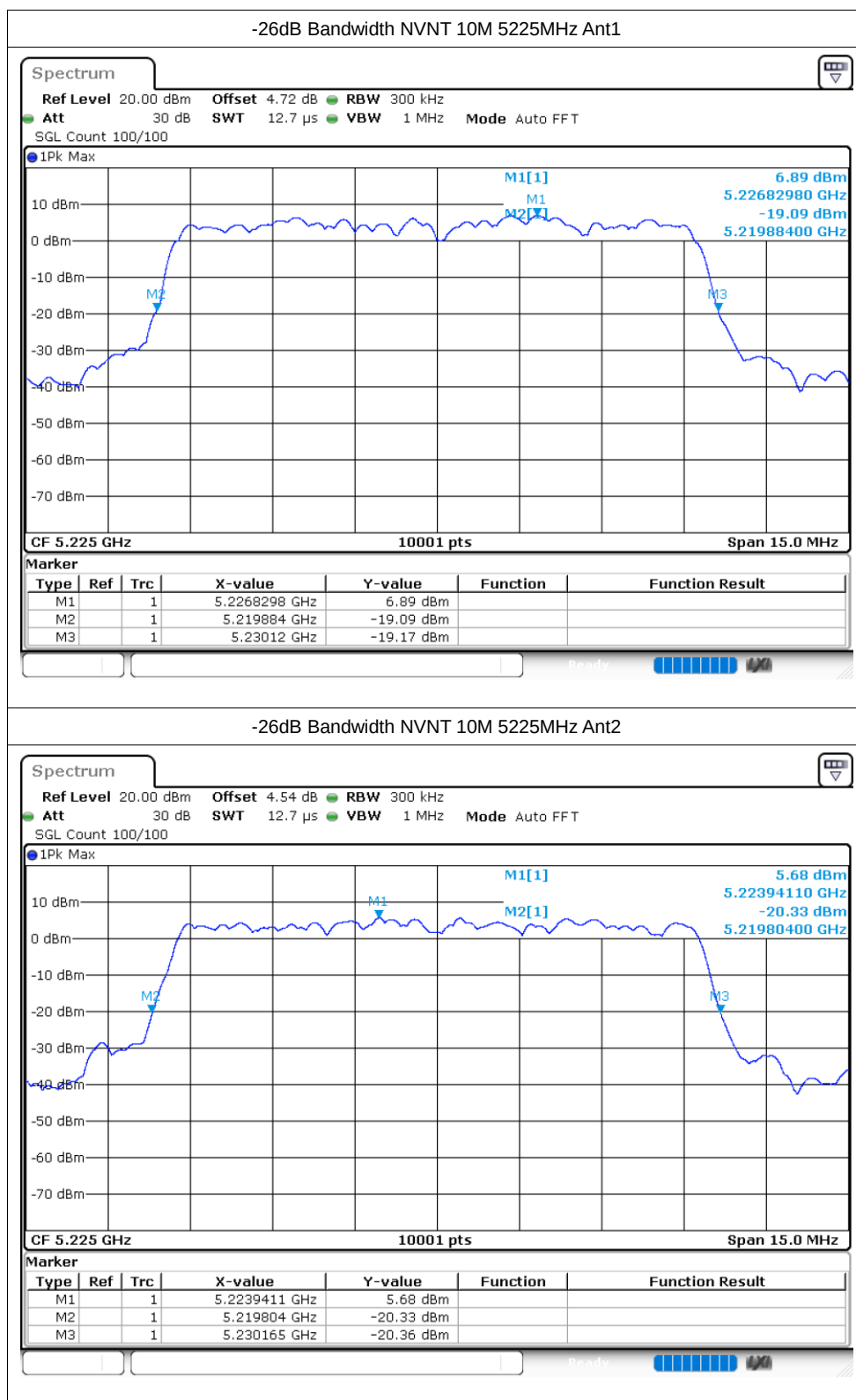
Ref Level 20.00 dBm Offset 4.54 dB RBW 300 kHz
 Att 30 dB SWT 12.7 μ s VBW 1 MHz Mode Auto FFT
 SGL Count 100/100

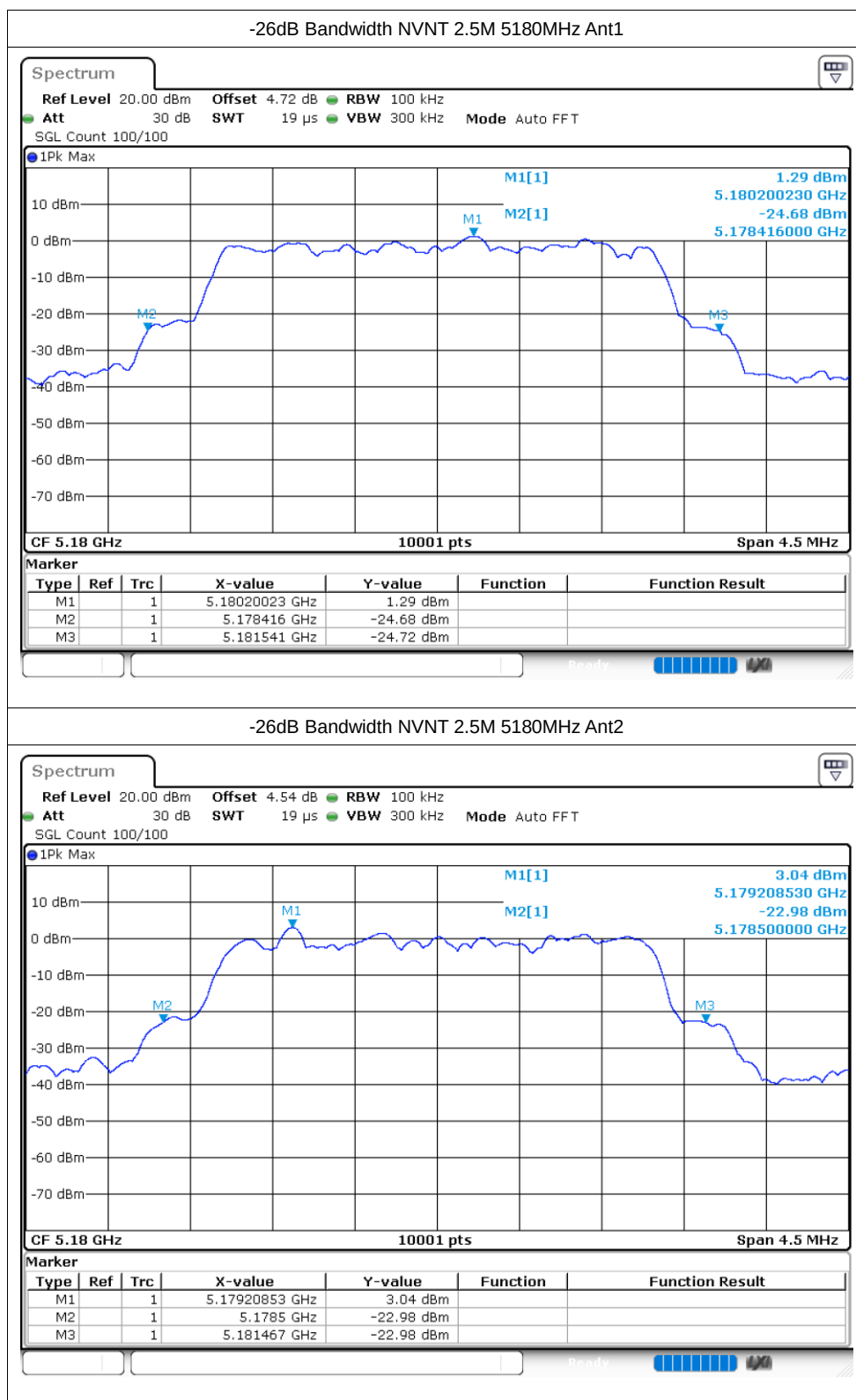
1Pk Max

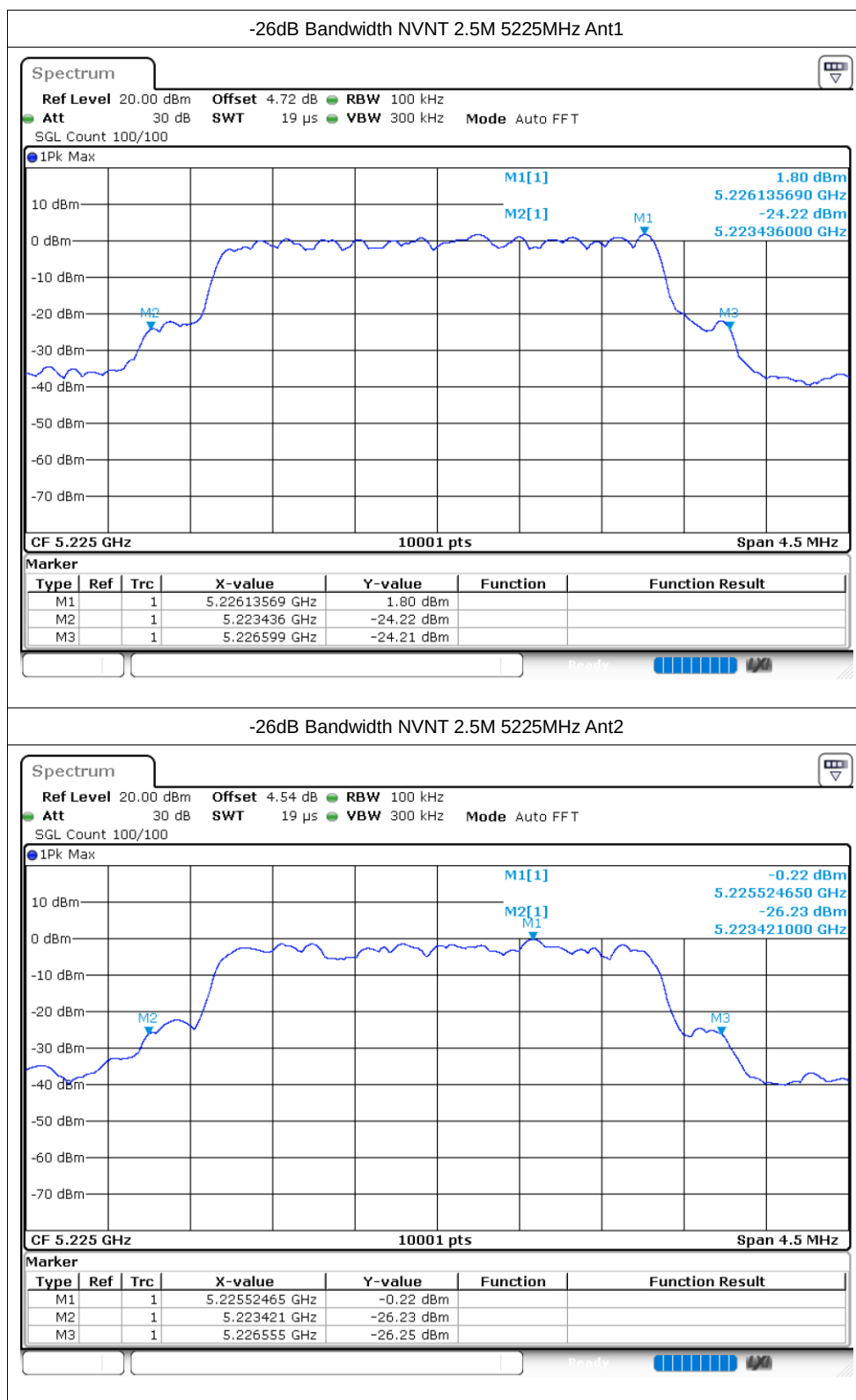


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.184528 GHz	6.47 dBm		
M2		1	5.174934 GHz	-19.55 dBm		
M3		1	5.185121 GHz	-19.52 dBm		

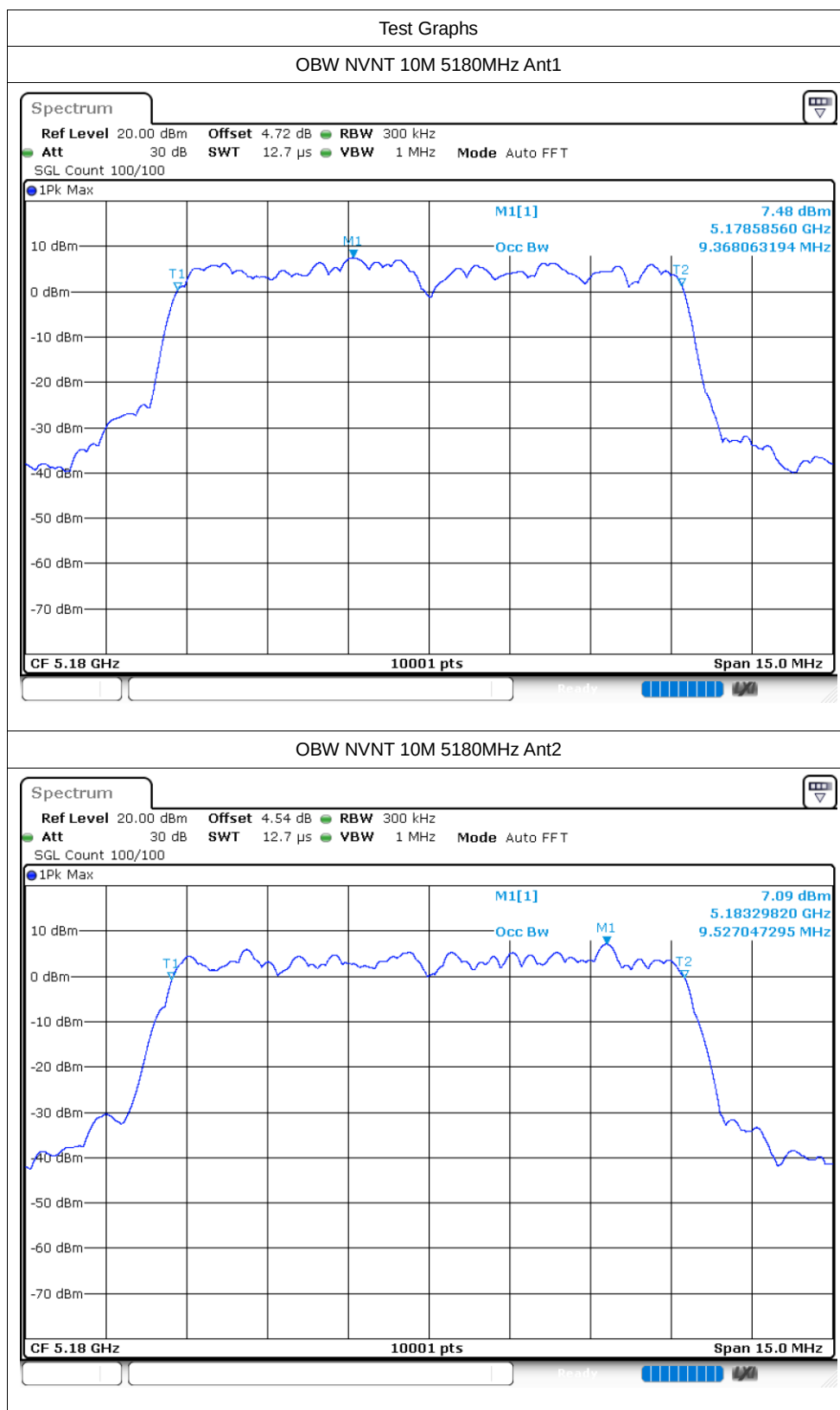


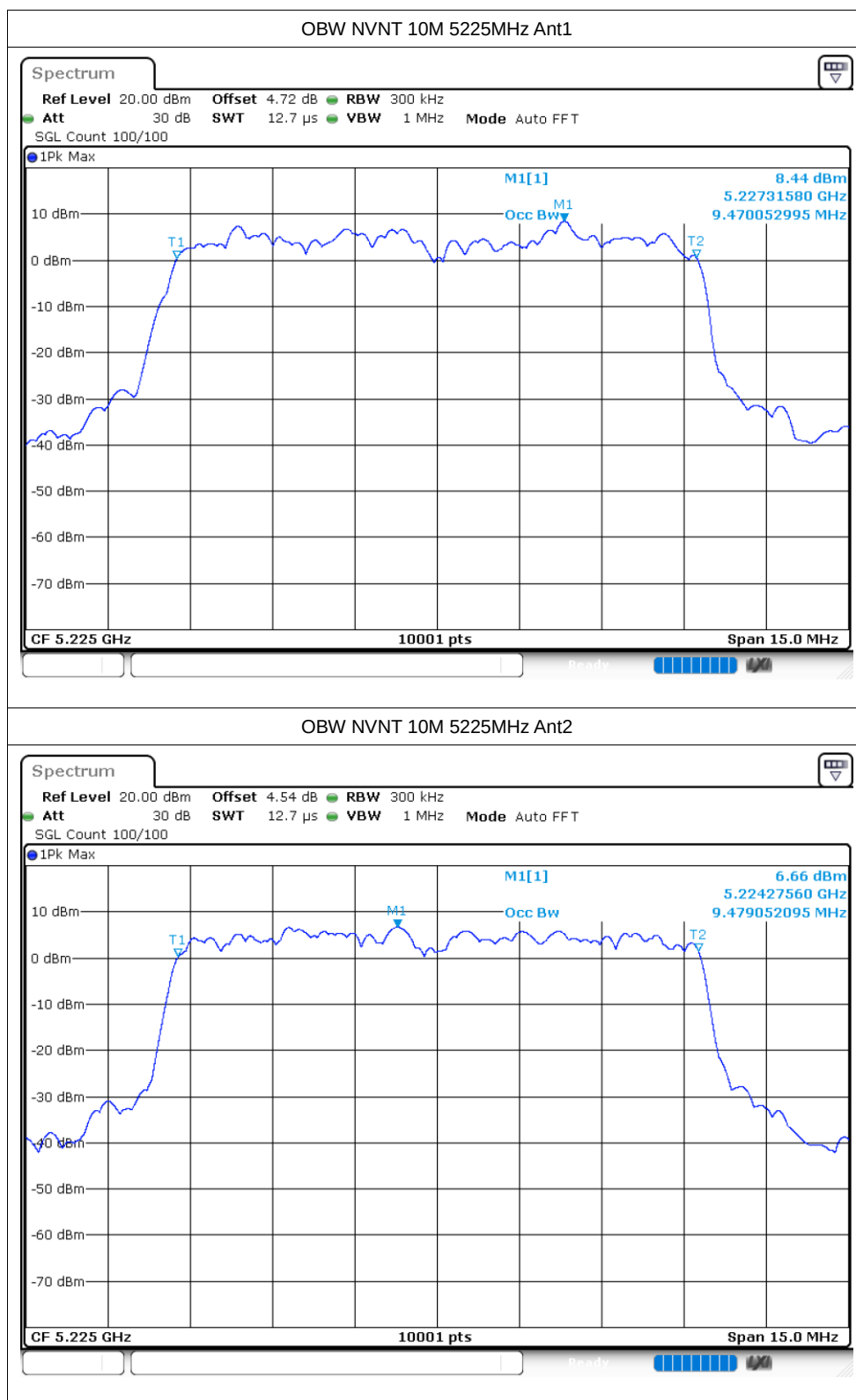


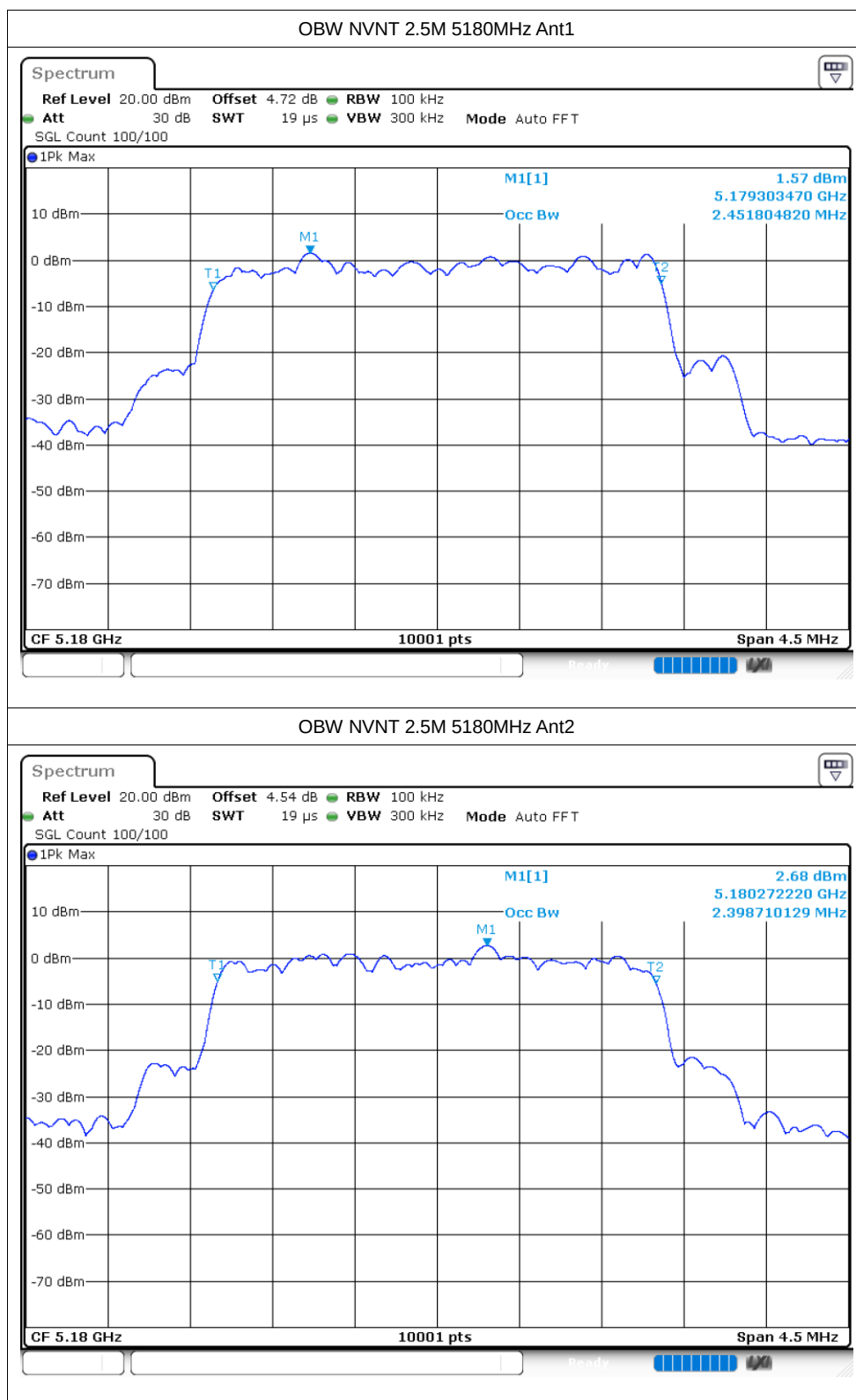


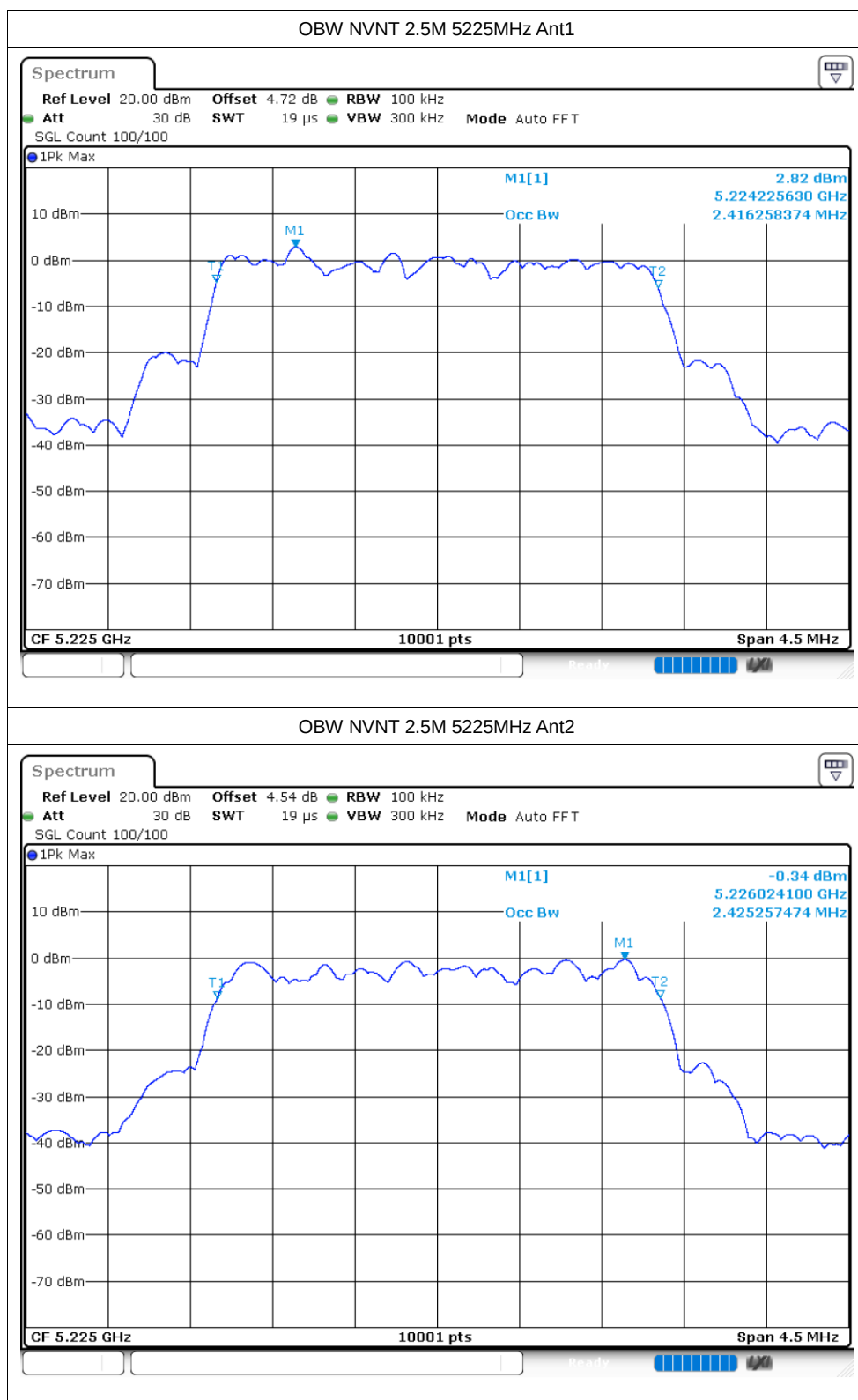
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	10M	5180	Ant1	9.368
NVNT	10M	5180	Ant2	9.527
NVNT	10M	5225	Ant1	9.47
NVNT	10M	5225	Ant2	9.479
NVNT	2.5M	5180	Ant1	2.452
NVNT	2.5M	5180	Ant2	2.399
NVNT	2.5M	5225	Ant1	2.416
NVNT	2.5M	5225	Ant2	2.425



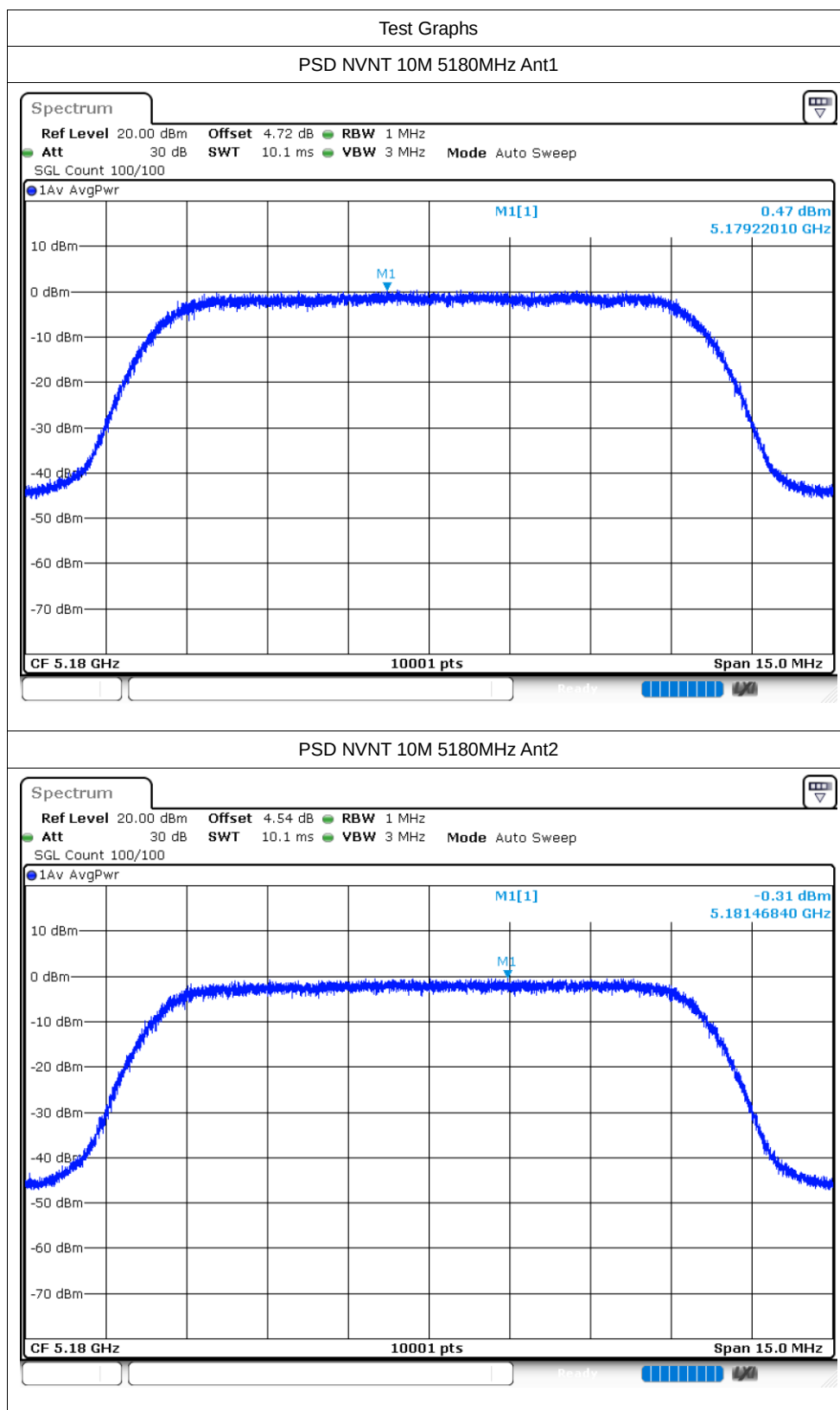


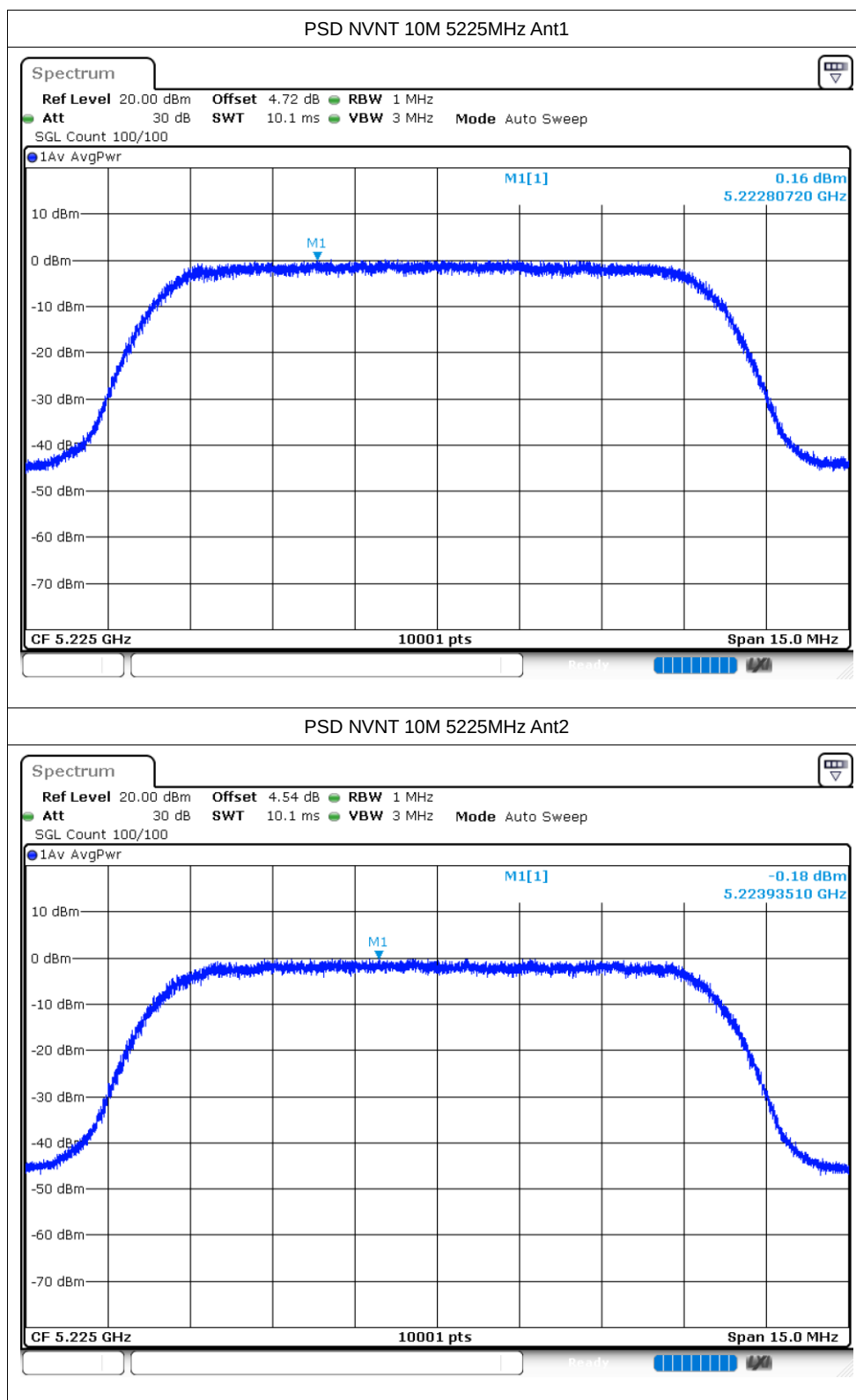


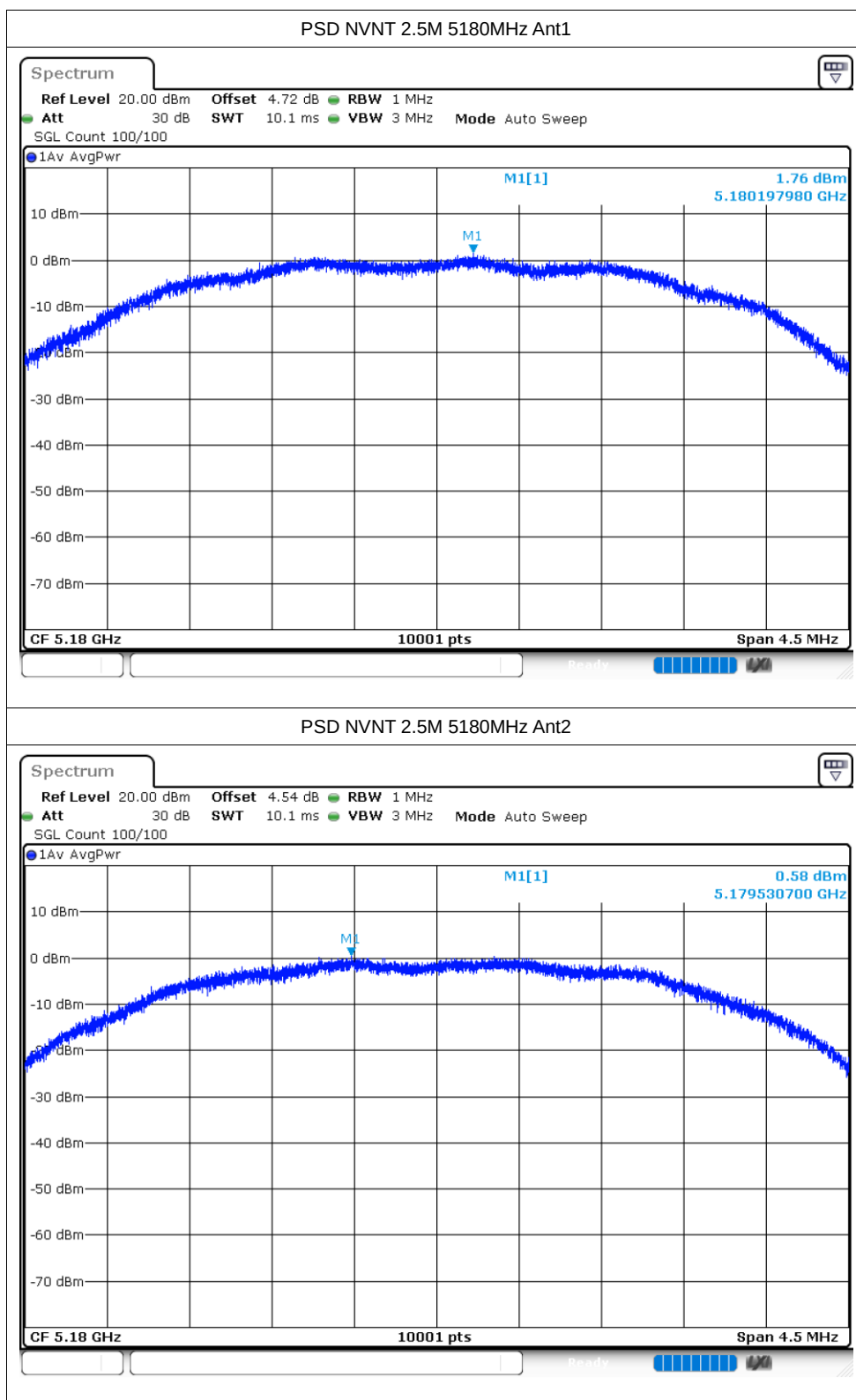


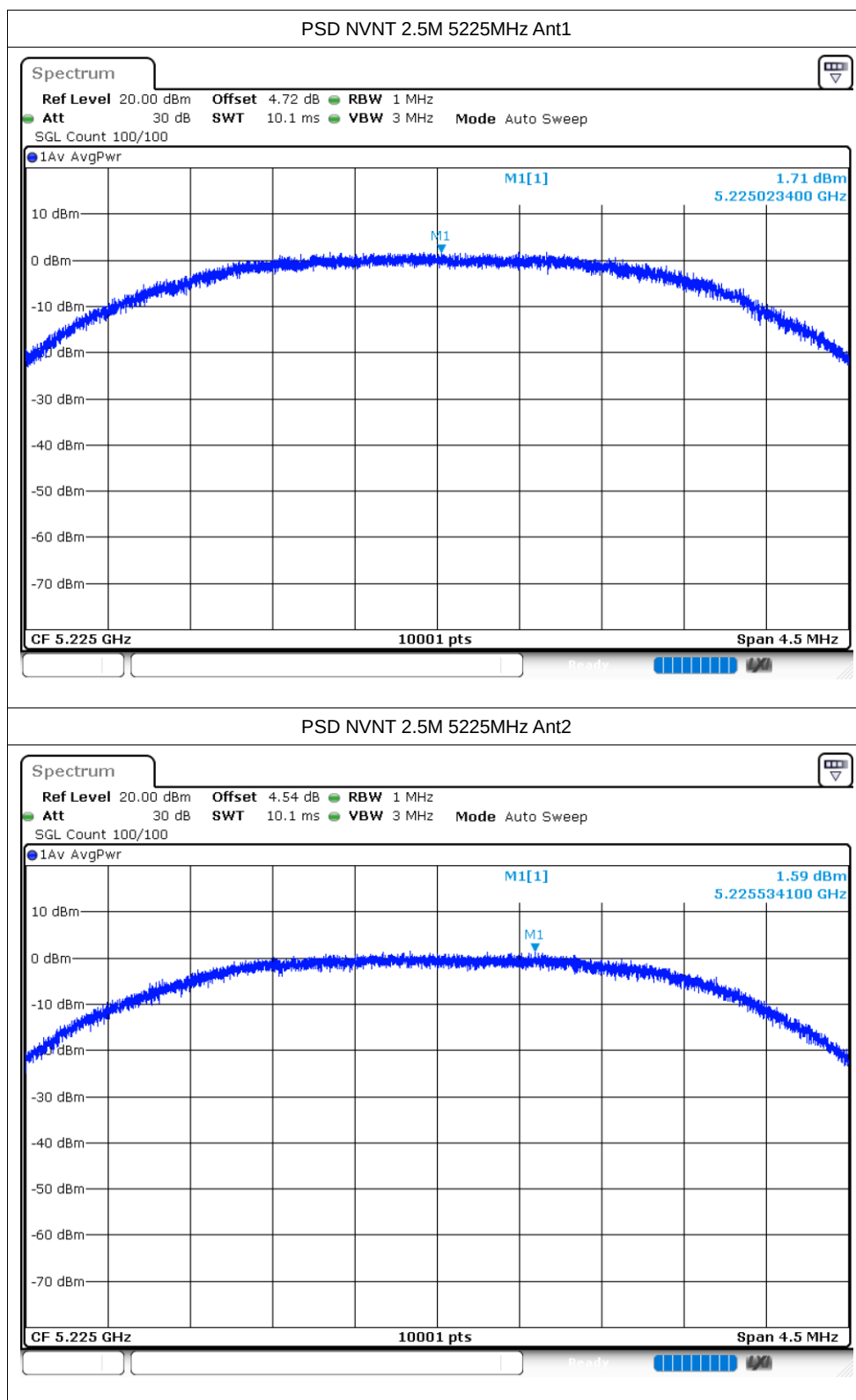
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	10M	5180	Ant1	0.47	5.07	5.54	11.00	Pass
NVNT	10M	5180	Ant2	-0.31	5.03	4.72	11.00	Pass
NVNT	10M	5180	Sum	-	-	8.16	11.00	Pass
NVNT	10M	5225	Ant1	0.16	5.04	5.2	11.00	Pass
NVNT	10M	5225	Ant2	-0.18	5.03	4.85	11.00	Pass
NVNT	10M	5225	Sum	-	-	8.04	11.00	Pass
NVNT	2.5M	5180	Ant1	1.76	5.09	6.85	11.00	Pass
NVNT	2.5M	5180	Ant2	0.58	5.04	5.62	11.00	Pass
NVNT	2.5M	5180	Sum	-	-	9.29	11.00	Pass
NVNT	2.5M	5225	Ant1	1.71	5.04	6.75	11.00	Pass
NVNT	2.5M	5225	Ant2	1.59	5.08	6.67	11.00	Pass
NVNT	2.5M	5225	Sum	-	-	9.72	11.00	Pass





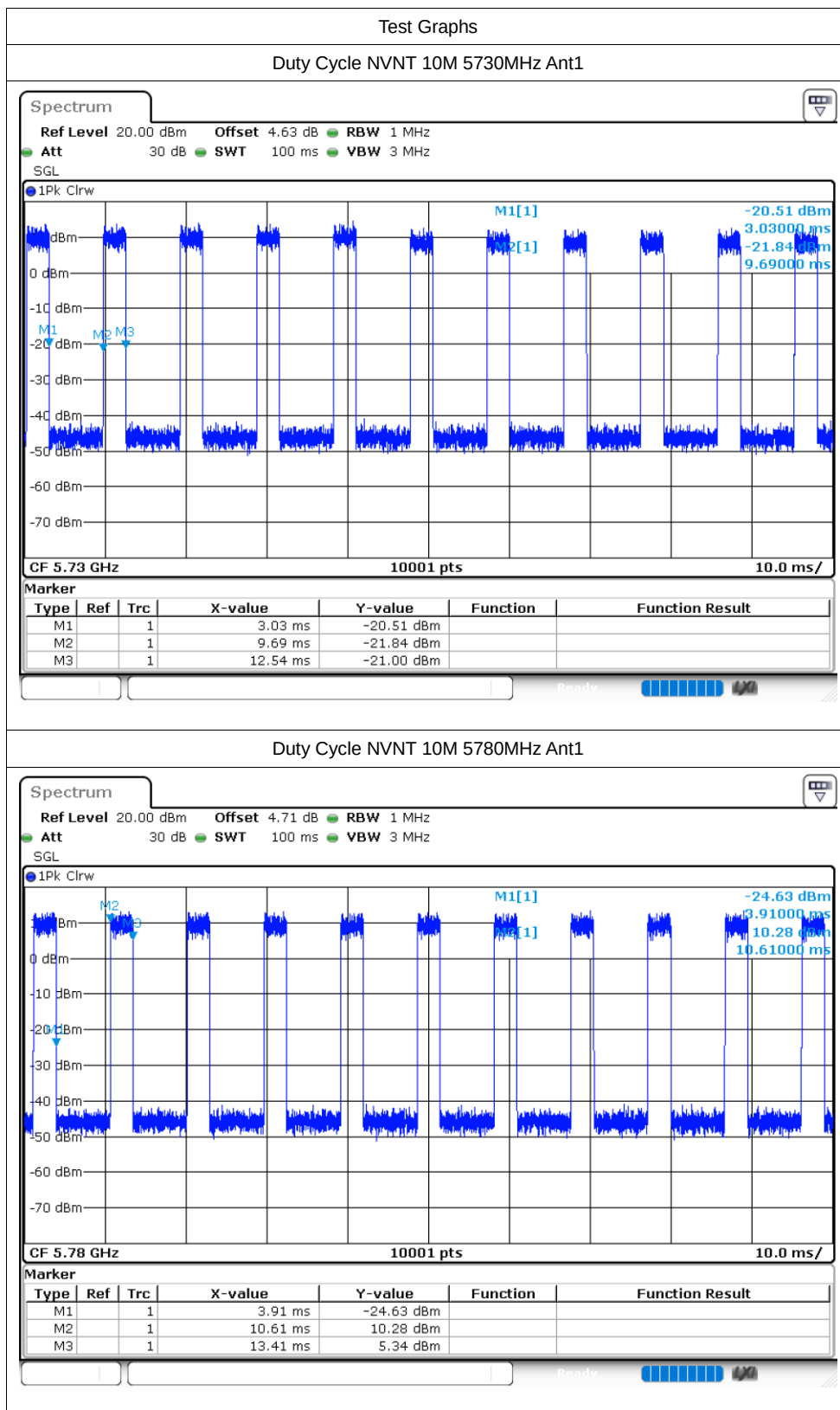


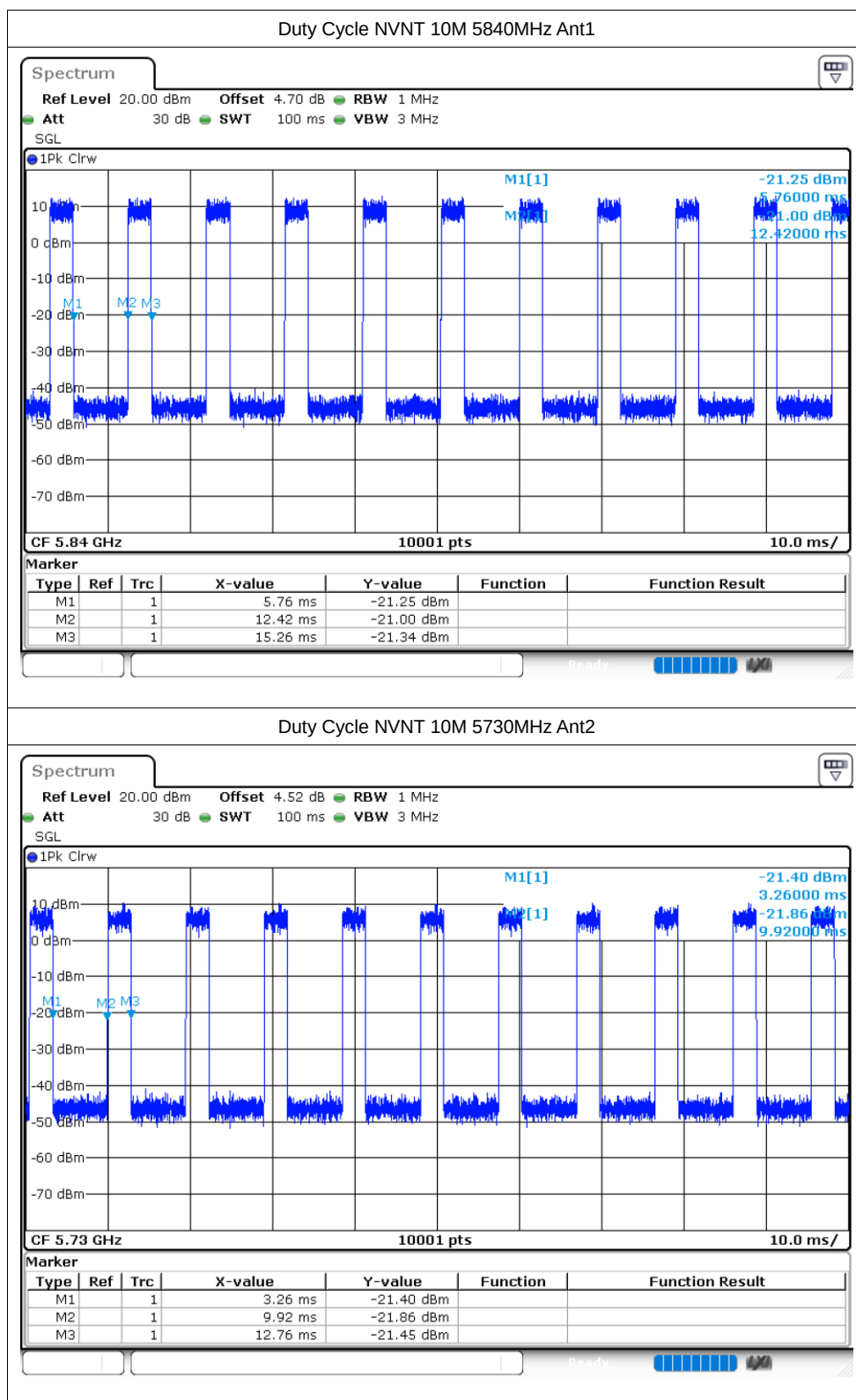


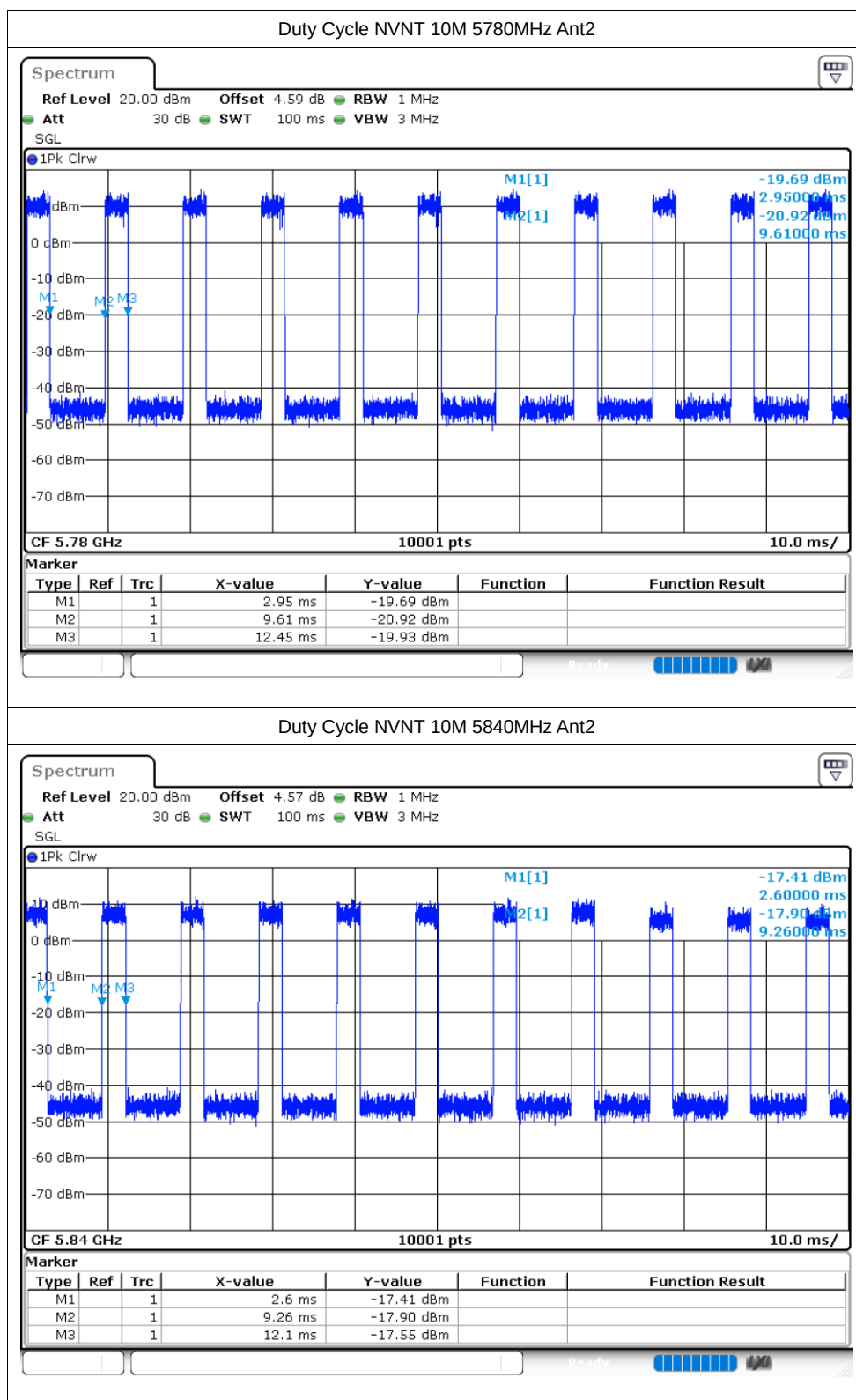
5.8G

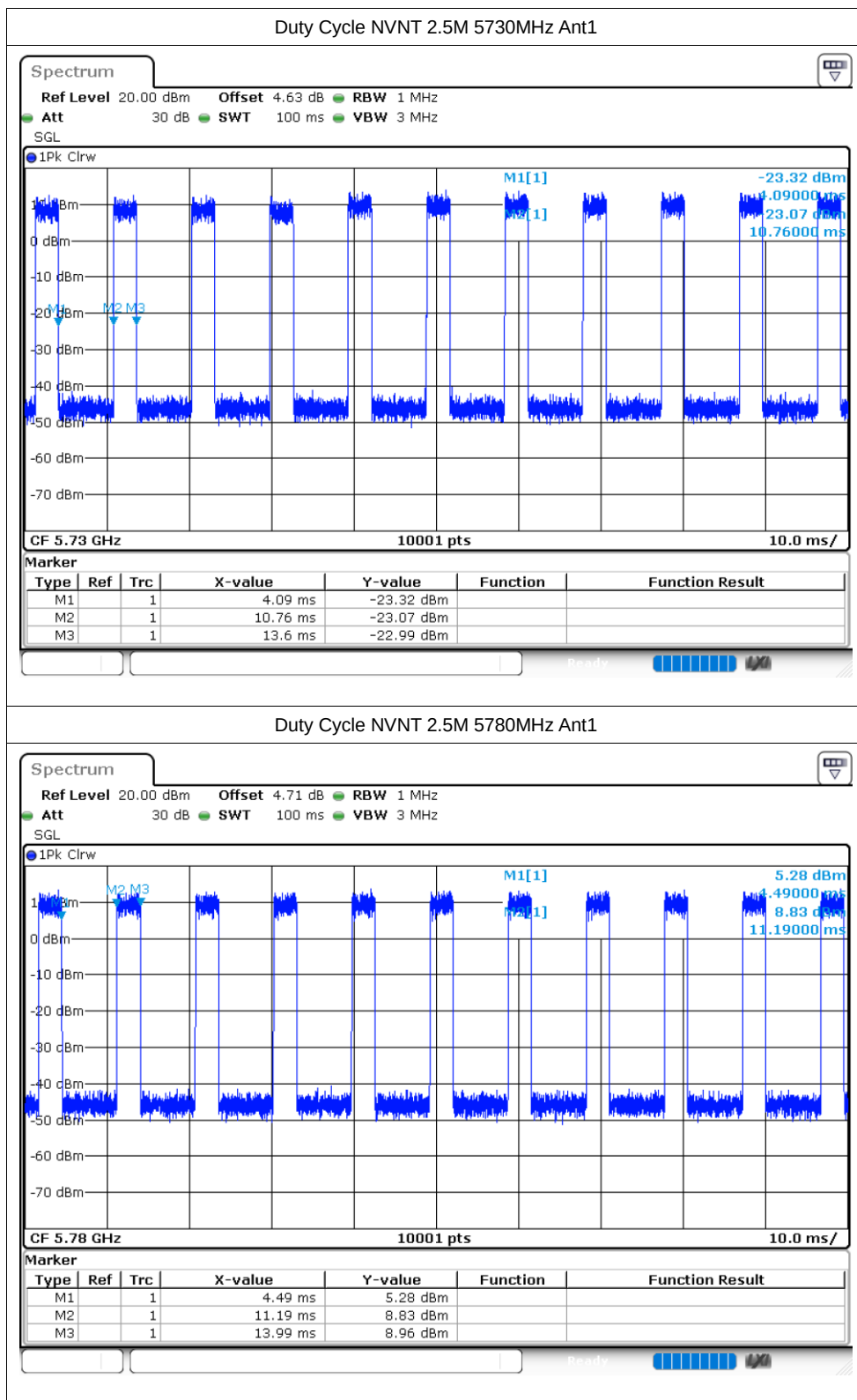
Duty Cycle

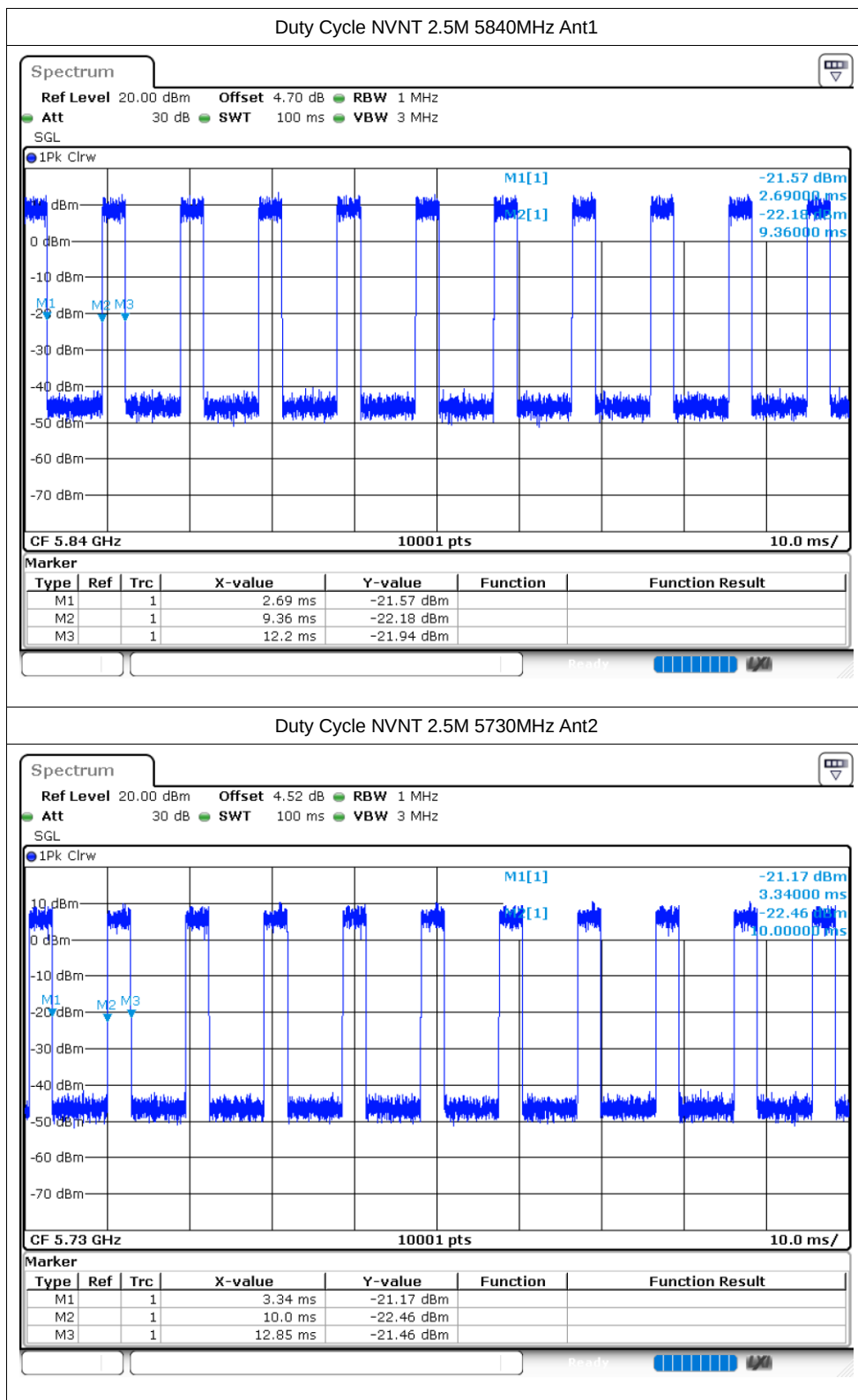
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	10M	5730	Ant1	31.38	5.03	0.35
NVNT	10M	5780	Ant1	30.98	5.09	0.36
NVNT	10M	5840	Ant1	30.58	5.15	0.35
NVNT	10M	5730	Ant2	31.37	5.04	0.35
NVNT	10M	5780	Ant2	31.39	5.03	0.35
NVNT	10M	5840	Ant2	31.15	5.07	0.35
NVNT	2.5M	5730	Ant1	31.37	5.04	0.35
NVNT	2.5M	5780	Ant1	31	5.09	0.36
NVNT	2.5M	5840	Ant1	31.23	5.05	0.35
NVNT	2.5M	5730	Ant2	31.39	5.03	0.35
NVNT	2.5M	5780	Ant2	31.38	5.03	0.35
NVNT	2.5M	5840	Ant2	31.38	5.03	0.35

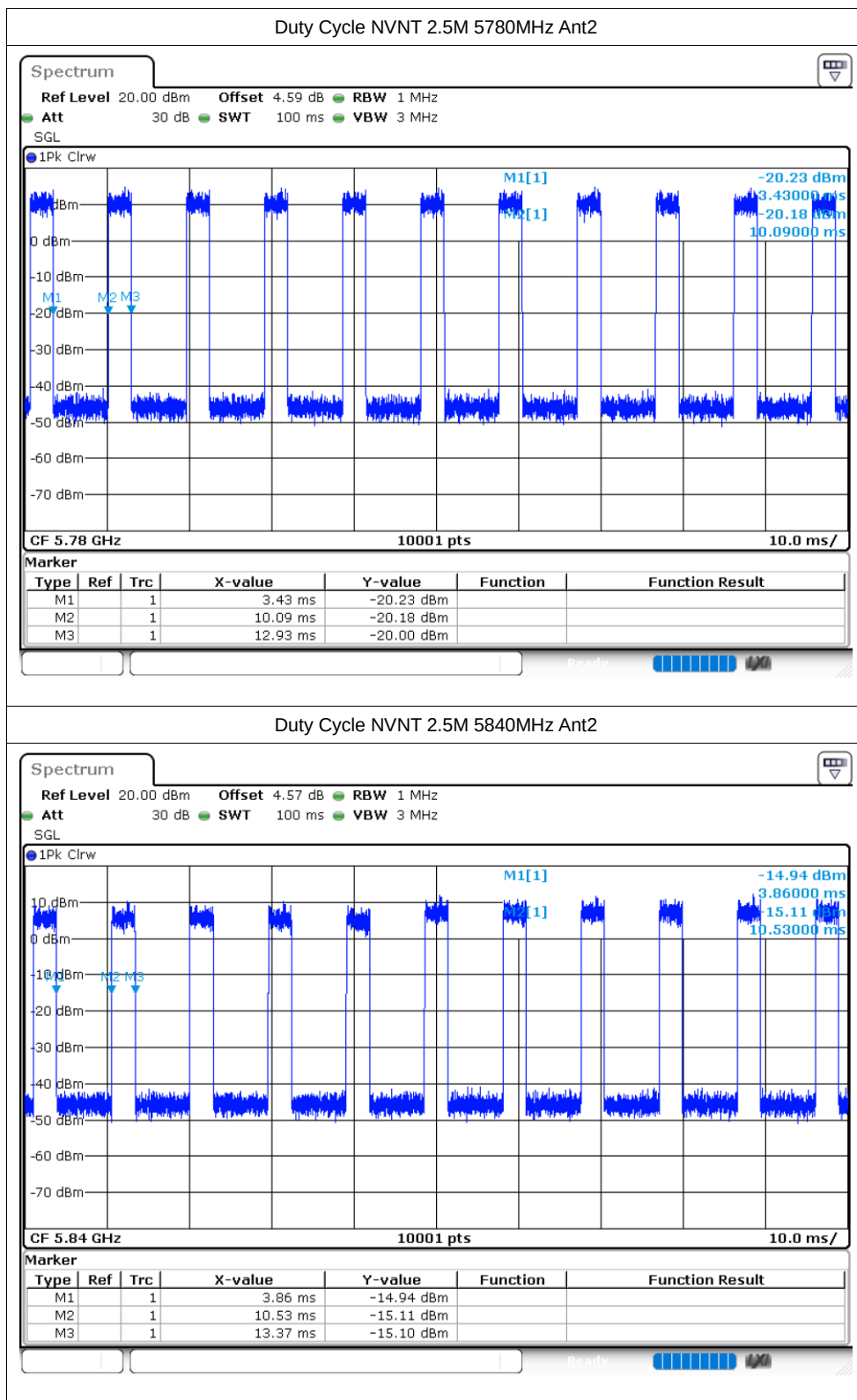












Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	10M	5730	Ant1	14.13	29.09	Pass
NVNT	10M	5730	Ant2	14.2	29.09	Pass
NVNT	10M	5730	Sum	17.18	29.09	Pass
NVNT	10M	5780	Ant1	14.04	29.09	Pass
NVNT	10M	5780	Ant2	14.13	29.09	Pass
NVNT	10M	5780	Sum	17.1	29.09	Pass
NVNT	10M	5840	Ant1	13.86	29.09	Pass
NVNT	10M	5840	Ant2	14.23	29.09	Pass
NVNT	10M	5840	Sum	17.06	29.09	Pass
NVNT	2.5M	5730	Ant1	14.59	29.09	Pass
NVNT	2.5M	5730	Ant2	14.62	29.09	Pass
NVNT	2.5M	5730	Sum	17.62	29.09	Pass
NVNT	2.5M	5780	Ant1	14.31	29.09	Pass
NVNT	2.5M	5780	Ant2	14.35	29.09	Pass
NVNT	2.5M	5780	Sum	17.34	29.09	Pass
NVNT	2.5M	5840	Ant1	14.51	29.09	Pass
NVNT	2.5M	5840	Ant2	14.65	29.09	Pass
NVNT	2.5M	5840	Sum	17.59	29.09	Pass

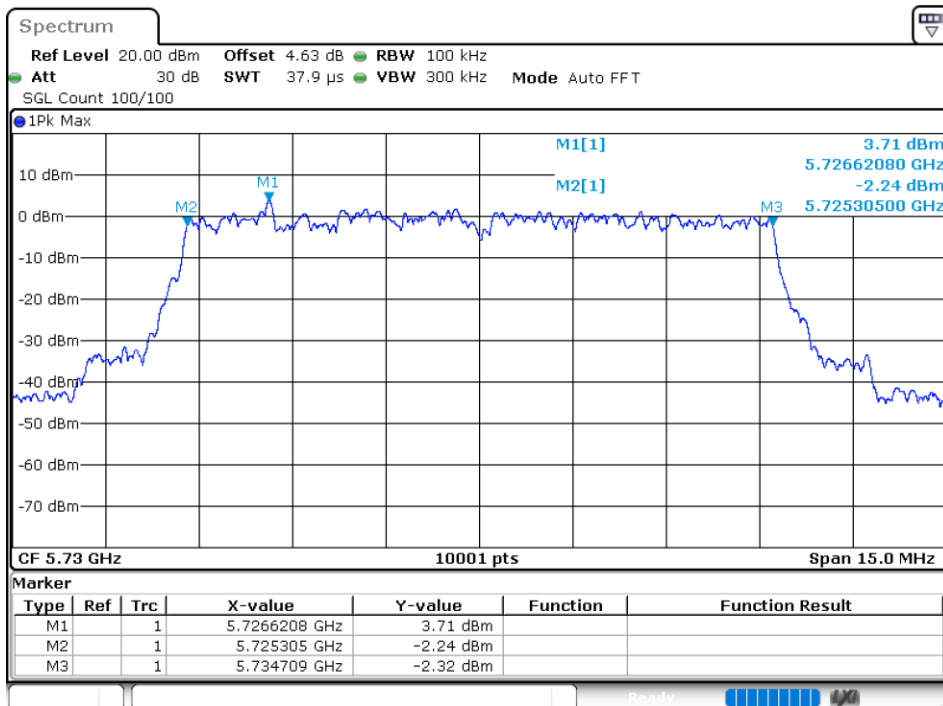
Note: The average power value already includes the duty cycle factor.

-6dB Bandwidth

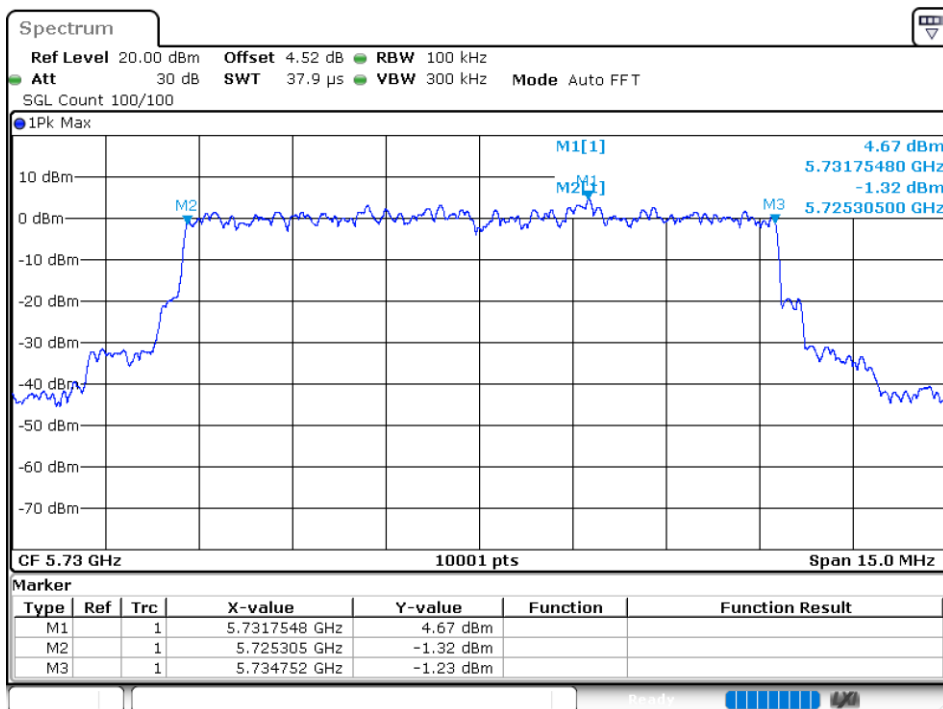
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	10M	5730	Ant1	9.404	0.5	Pass
NVNT	10M	5730	Ant2	9.447	0.5	Pass
NVNT	10M	5780	Ant1	9.403	0.5	Pass
NVNT	10M	5780	Ant2	9.464	0.5	Pass
NVNT	10M	5840	Ant1	9.336	0.5	Pass
NVNT	10M	5840	Ant2	9.215	0.5	Pass
NVNT	2.5M	5730	Ant1	2.412	0.5	Pass
NVNT	2.5M	5730	Ant2	2.24	0.5	Pass
NVNT	2.5M	5780	Ant1	2.418	0.5	Pass
NVNT	2.5M	5780	Ant2	2.393	0.5	Pass
NVNT	2.5M	5840	Ant1	2.395	0.5	Pass
NVNT	2.5M	5840	Ant2	2.346	0.5	Pass

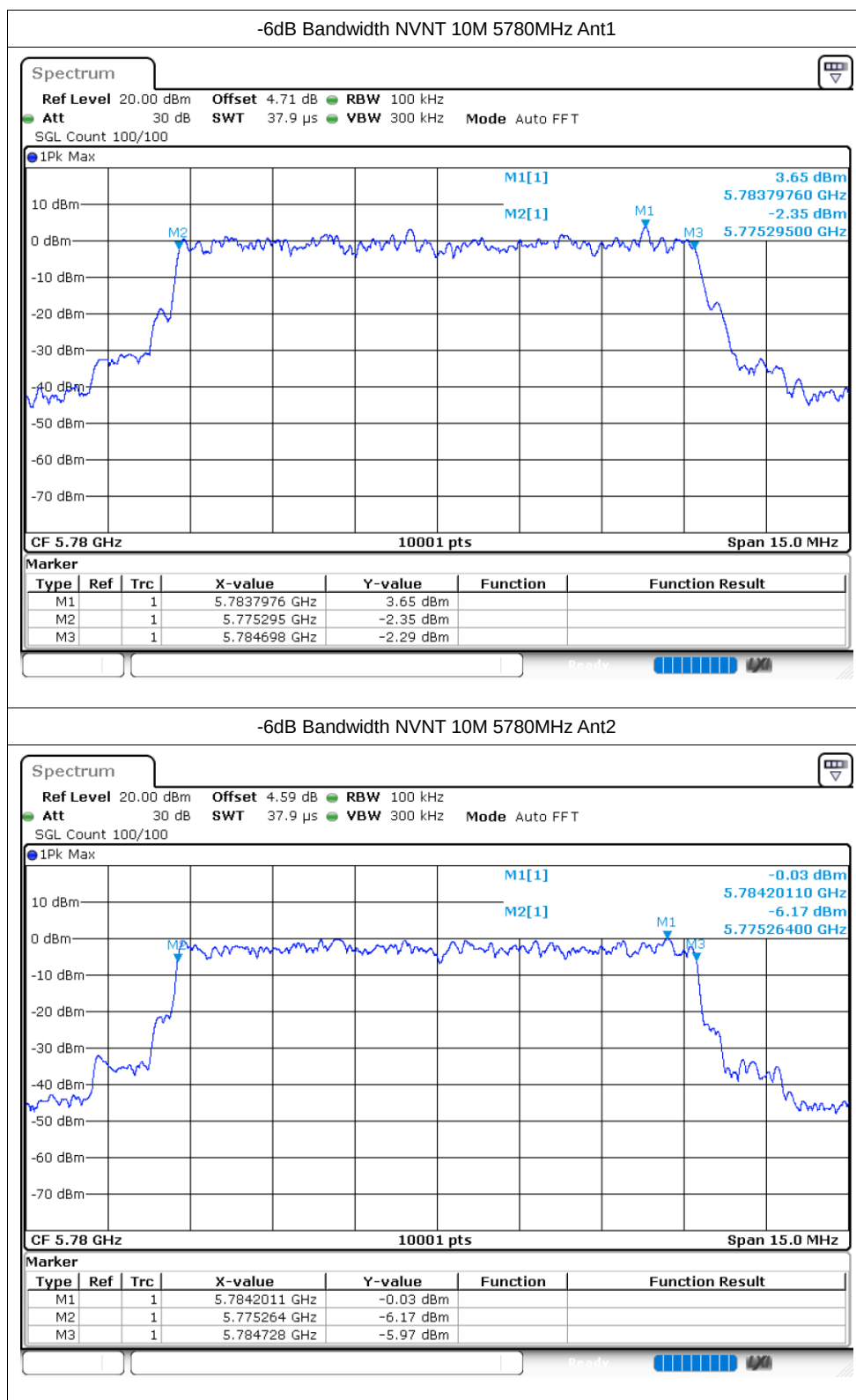
Test Graphs

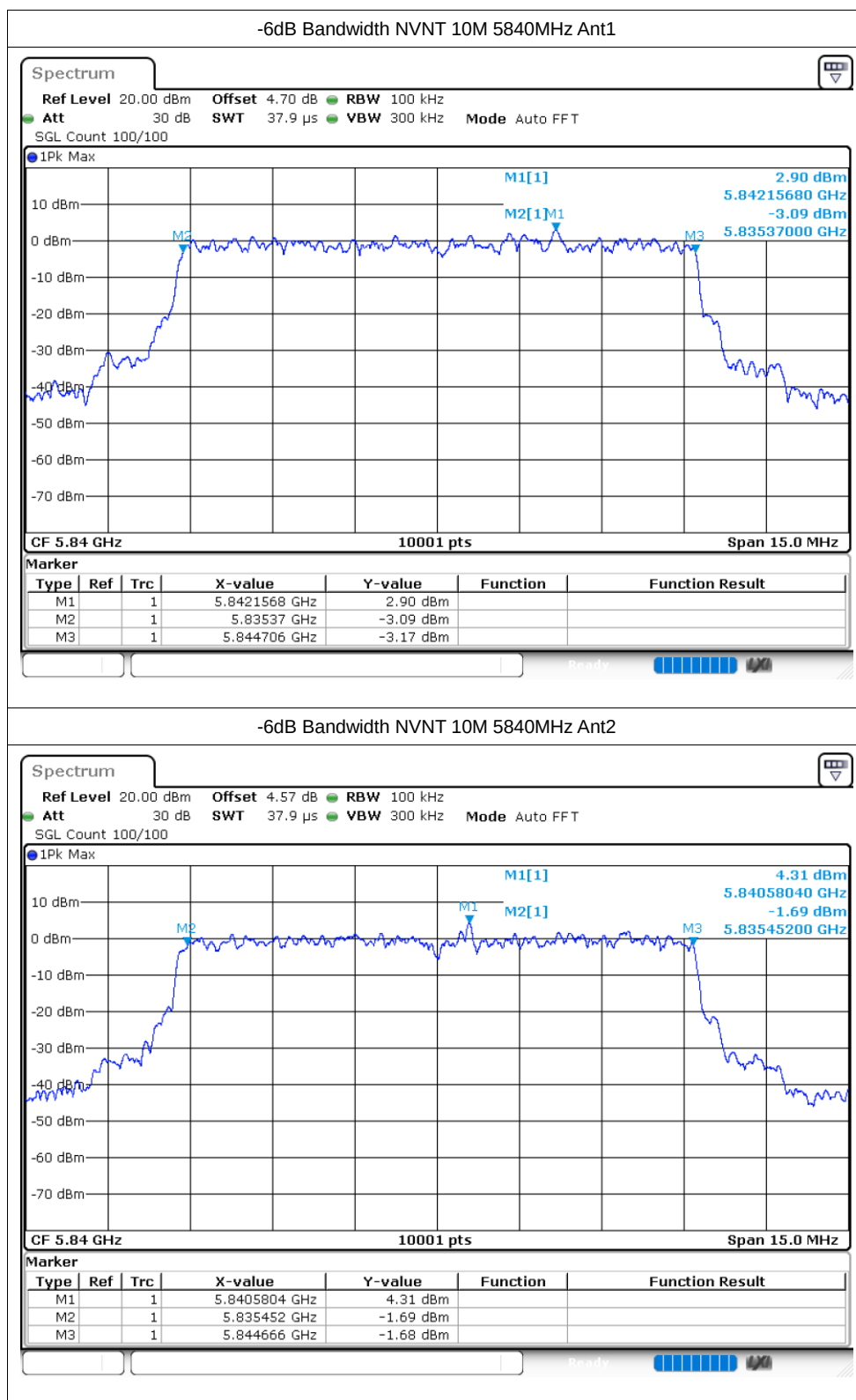
-6dB Bandwidth NVNT 10M 5730MHz Ant1

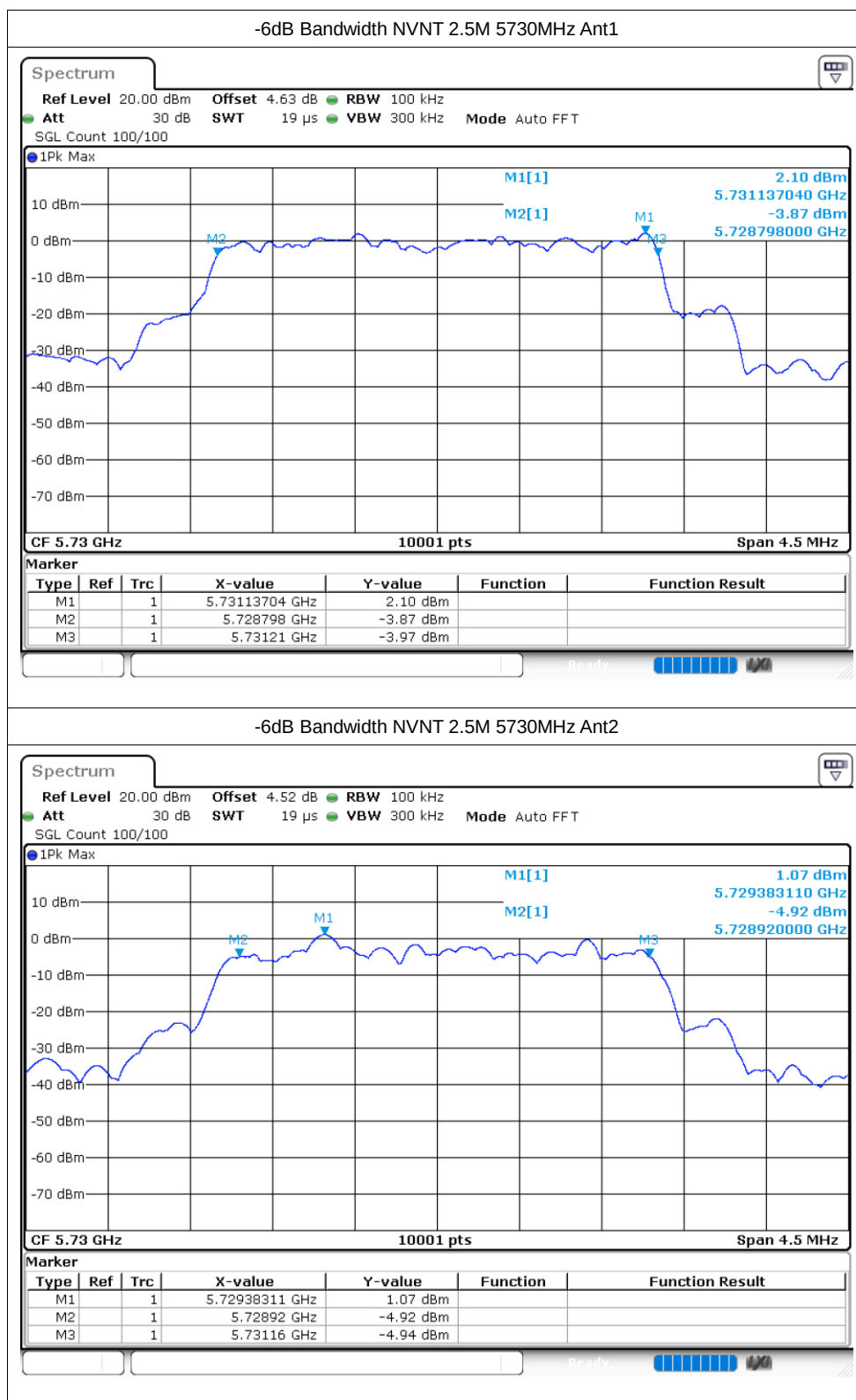


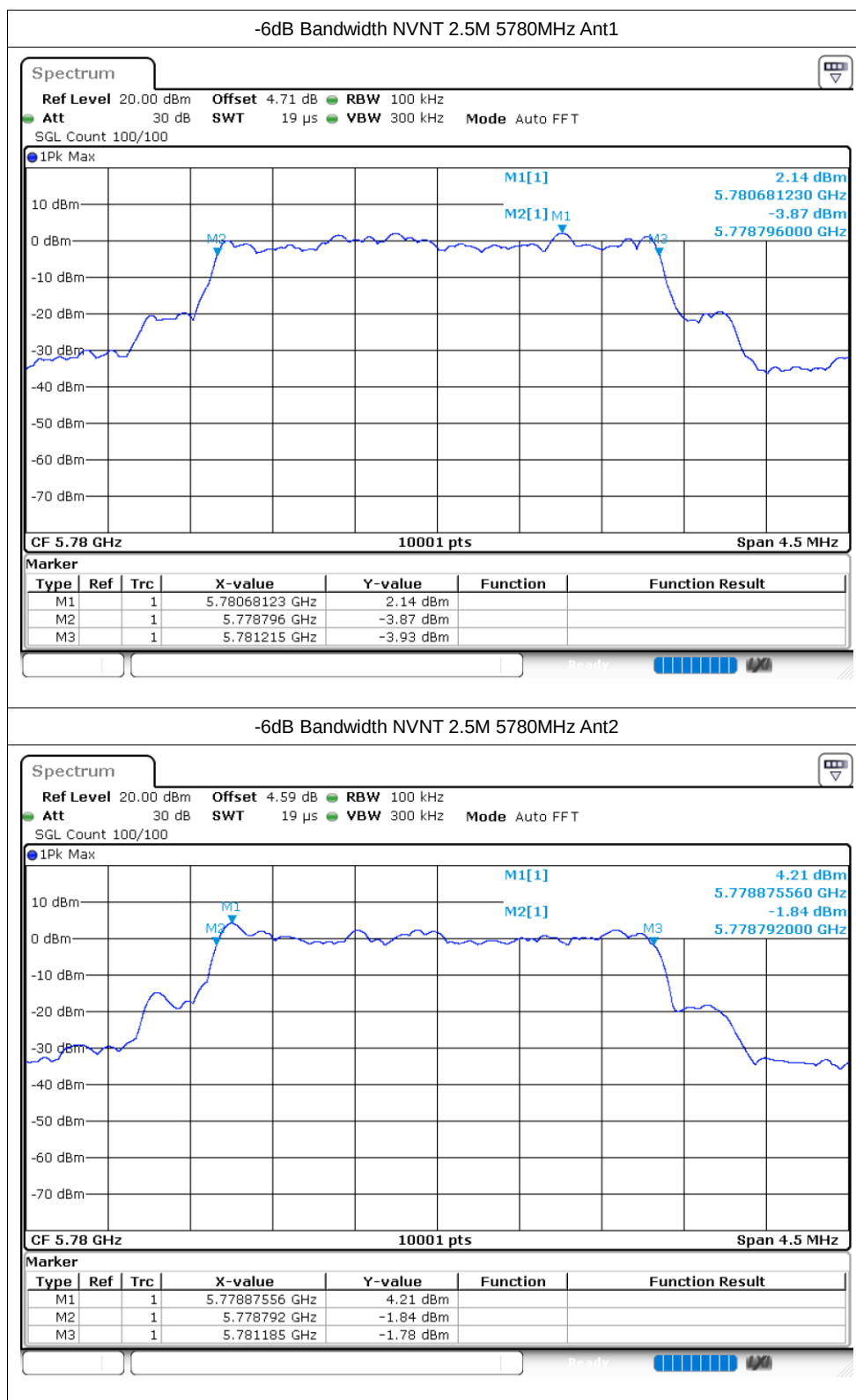
-6dB Bandwidth NVNT 10M 5730MHz Ant2

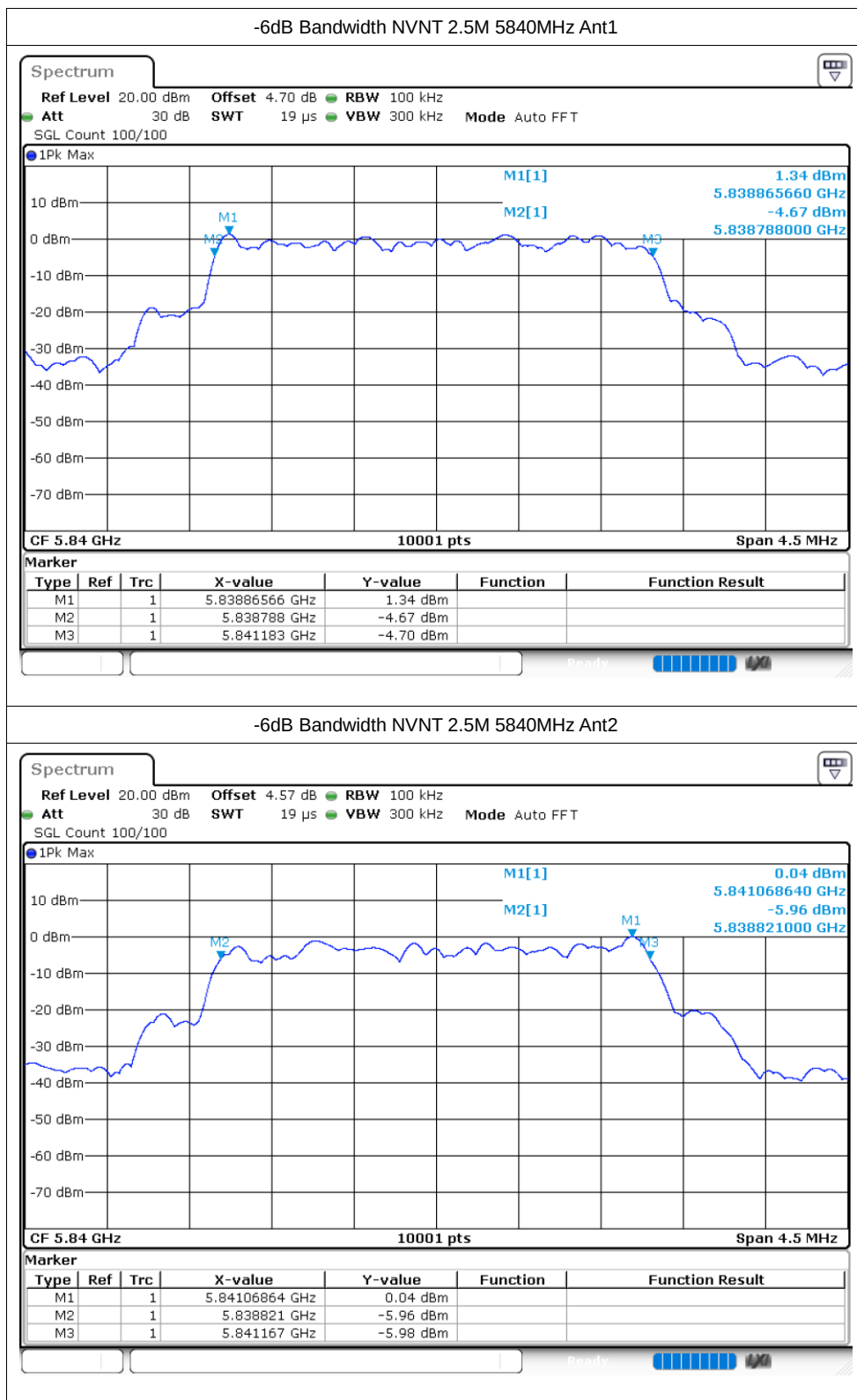










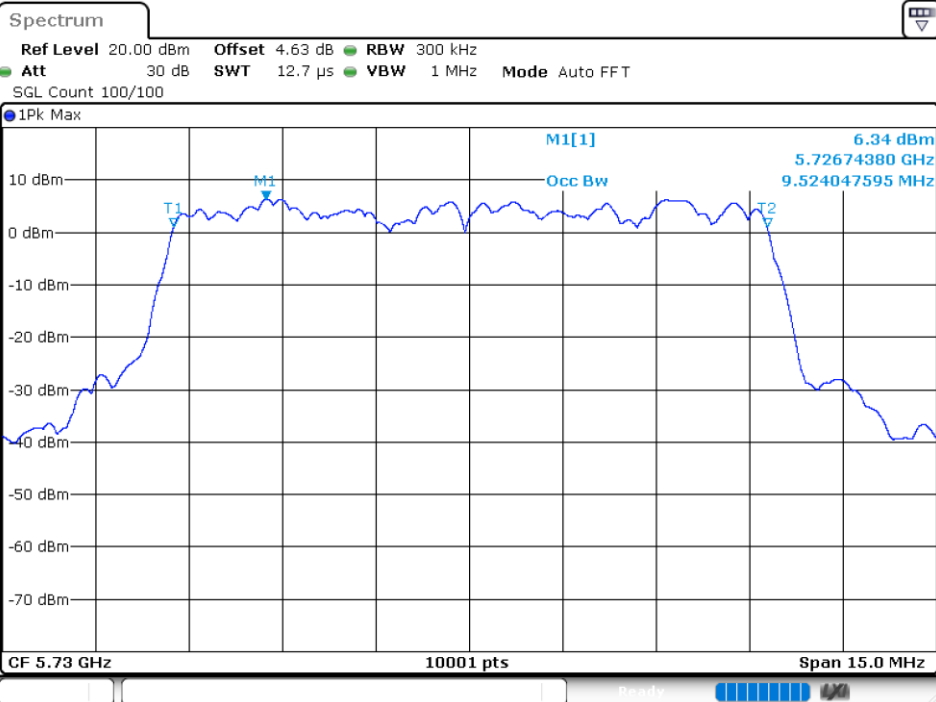


Occupied Channel Bandwidth

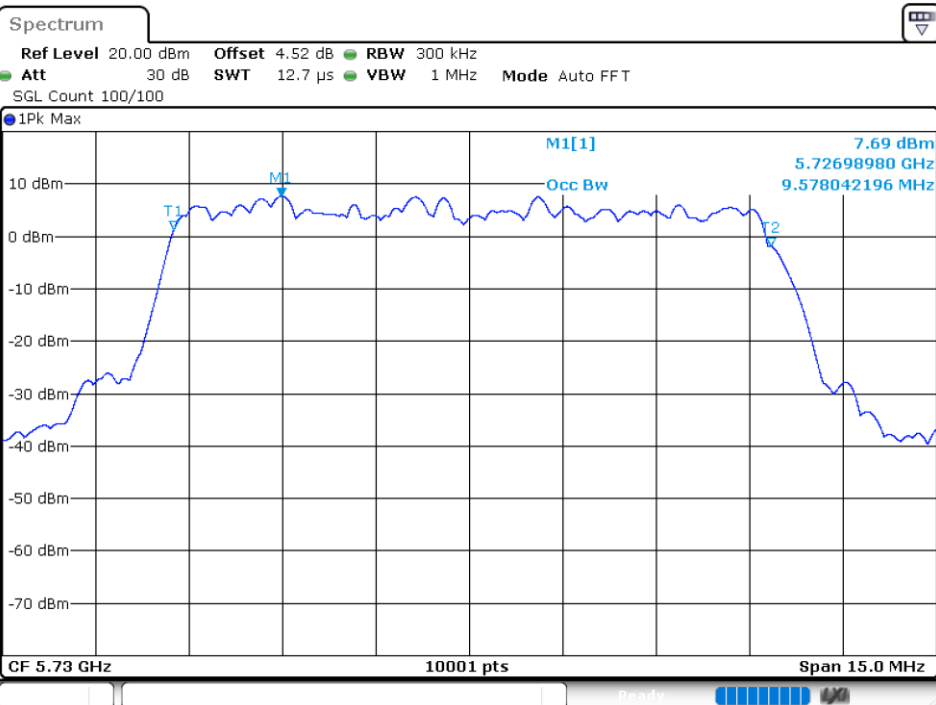
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	10M	5730	Ant1	9.524
NVNT	10M	5730	Ant2	9.578
NVNT	10M	5780	Ant1	9.509
NVNT	10M	5780	Ant2	9.401
NVNT	10M	5840	Ant1	9.521
NVNT	10M	5840	Ant2	9.557
NVNT	2.5M	5730	Ant1	2.421
NVNT	2.5M	5730	Ant2	2.434
NVNT	2.5M	5780	Ant1	2.423
NVNT	2.5M	5780	Ant2	2.459
NVNT	2.5M	5840	Ant1	2.435
NVNT	2.5M	5840	Ant2	2.417

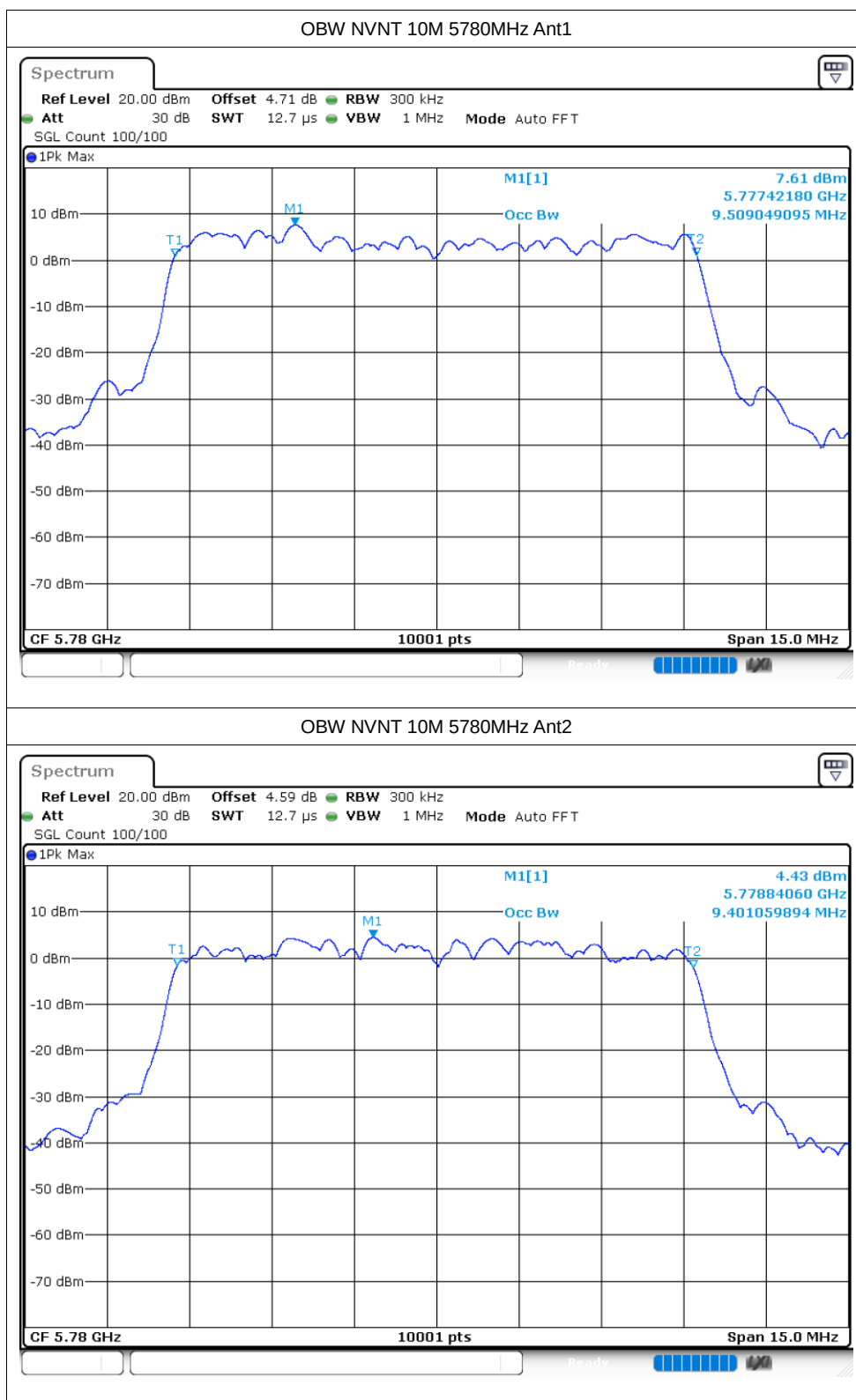
Test Graphs

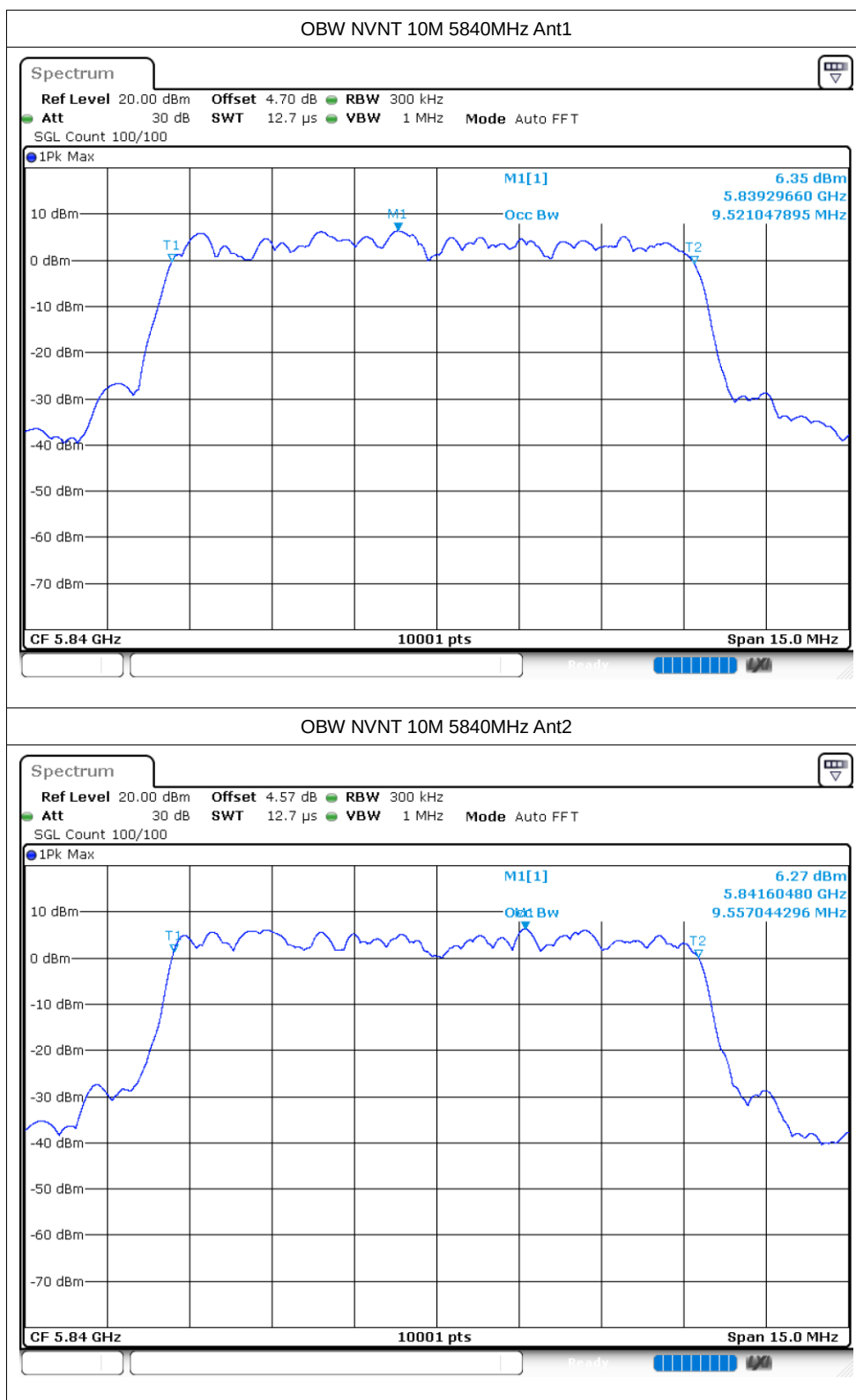
OBW NVNT 10M 5730MHz Ant1

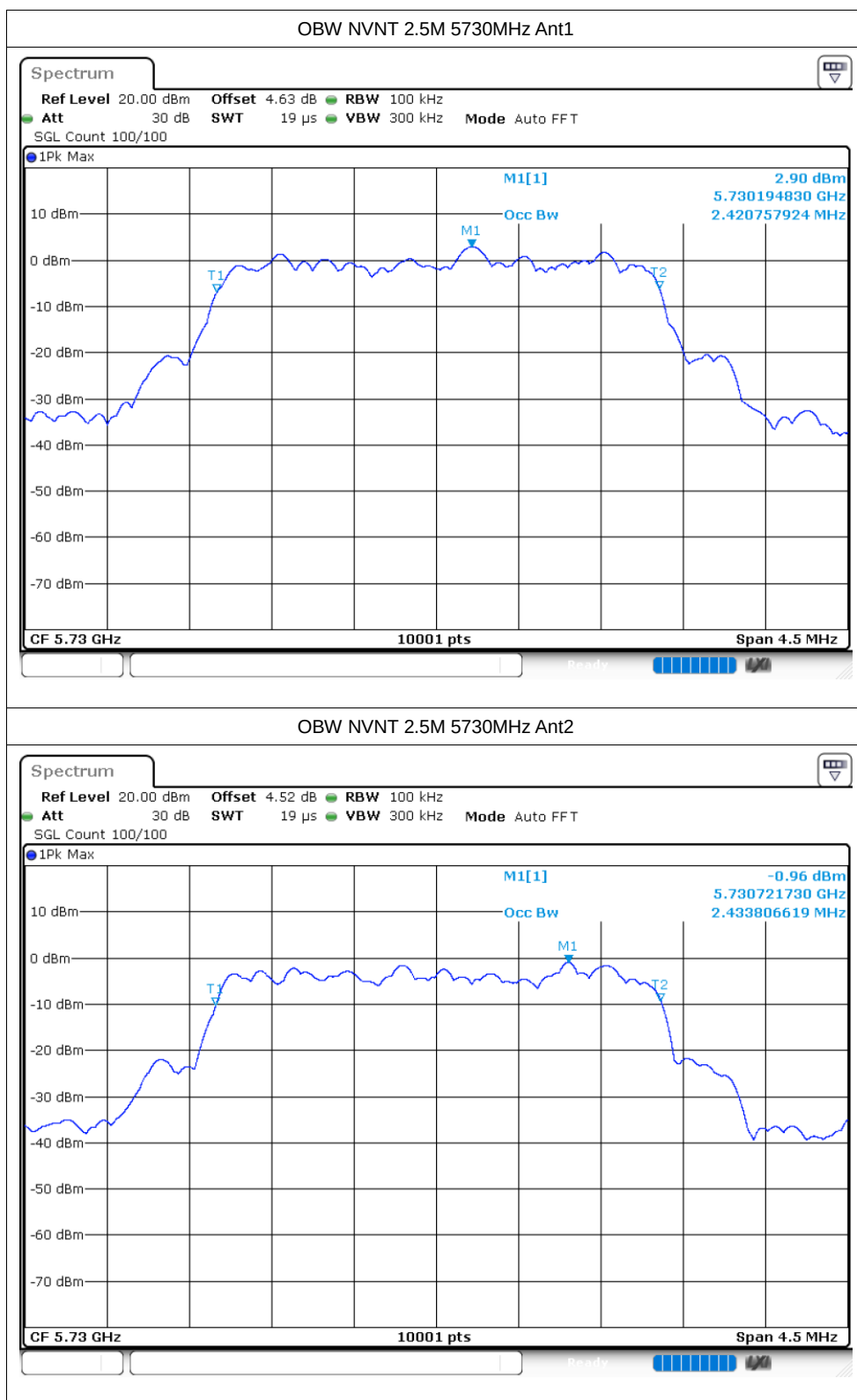


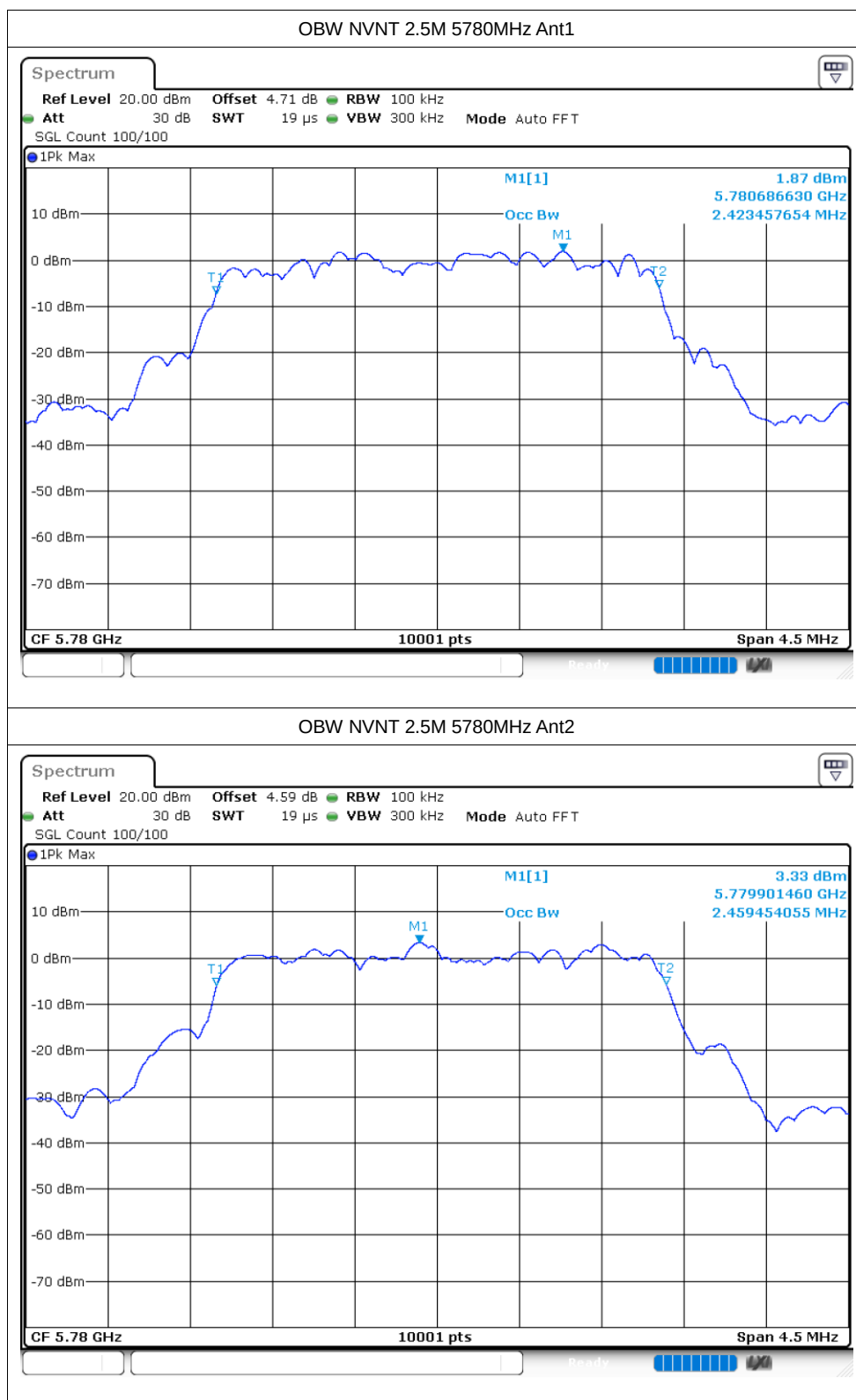
OBW NVNT 10M 5730MHz Ant2

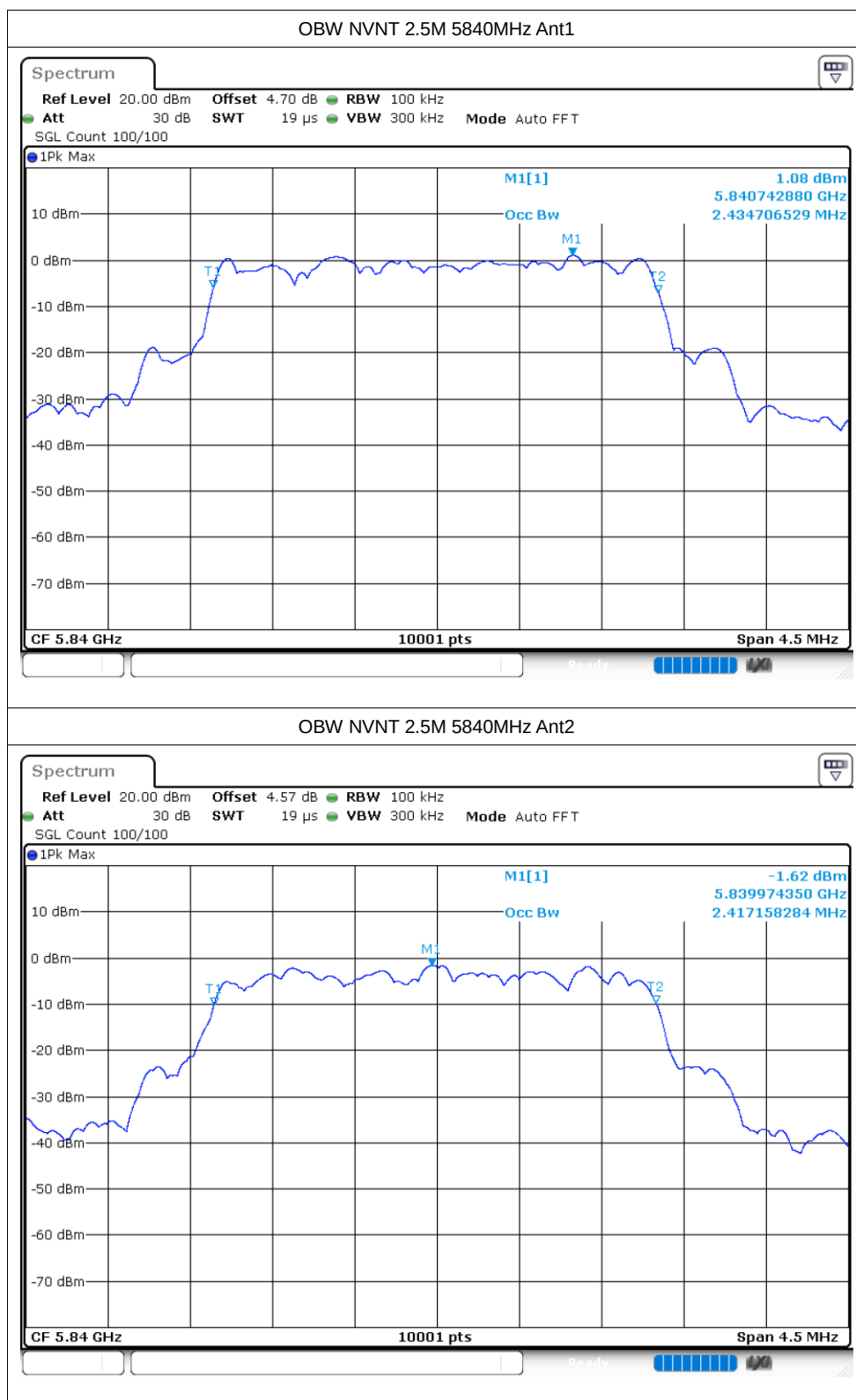










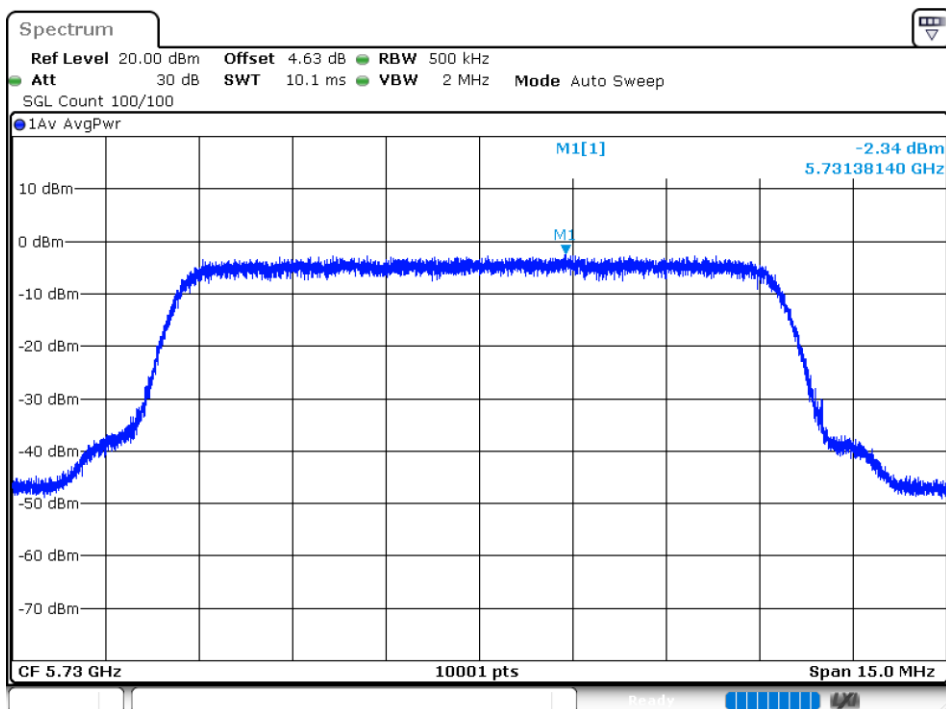


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	10M	5730	Ant1	-2.34	5.03	2.69	29.09	Pass
NVNT	10M	5730	Ant2	-1.43	5.04	3.61	29.09	Pass
NVNT	10M	5730	Sum	-	-	6.18	29.09	Pass
NVNT	10M	5780	Ant1	-1.76	5.09	3.33	29.09	Pass
NVNT	10M	5780	Ant2	-4.08	5.03	0.95	29.09	Pass
NVNT	10M	5780	Sum	-	-	5.31	29.09	Pass
NVNT	10M	5840	Ant1	-2.68	5.15	2.47	29.09	Pass
NVNT	10M	5840	Ant2	-2.32	5.07	2.75	29.09	Pass
NVNT	10M	5840	Sum	-	-	5.62	29.09	Pass
NVNT	2.5M	5730	Ant1	3.51	5.04	8.55	29.09	Pass
NVNT	2.5M	5730	Ant2	5.01	5.03	10.04	29.09	Pass
NVNT	2.5M	5730	Sum	-	-	12.37	29.09	Pass
NVNT	2.5M	5780	Ant1	4.09	5.09	9.18	29.09	Pass
NVNT	2.5M	5780	Ant2	2.06	5.03	7.09	29.09	Pass
NVNT	2.5M	5780	Sum	-	-	11.27	29.09	Pass
NVNT	2.5M	5840	Ant1	3.48	5.05	8.53	29.09	Pass
NVNT	2.5M	5840	Ant2	4.17	5.03	9.2	29.09	Pass
NVNT	2.5M	5840	Sum	-	-	11.89	29.09	Pass

Test Graphs

PSD NVNT 10M 5730MHz Ant1



PSD NVNT 10M 5730MHz Ant2

