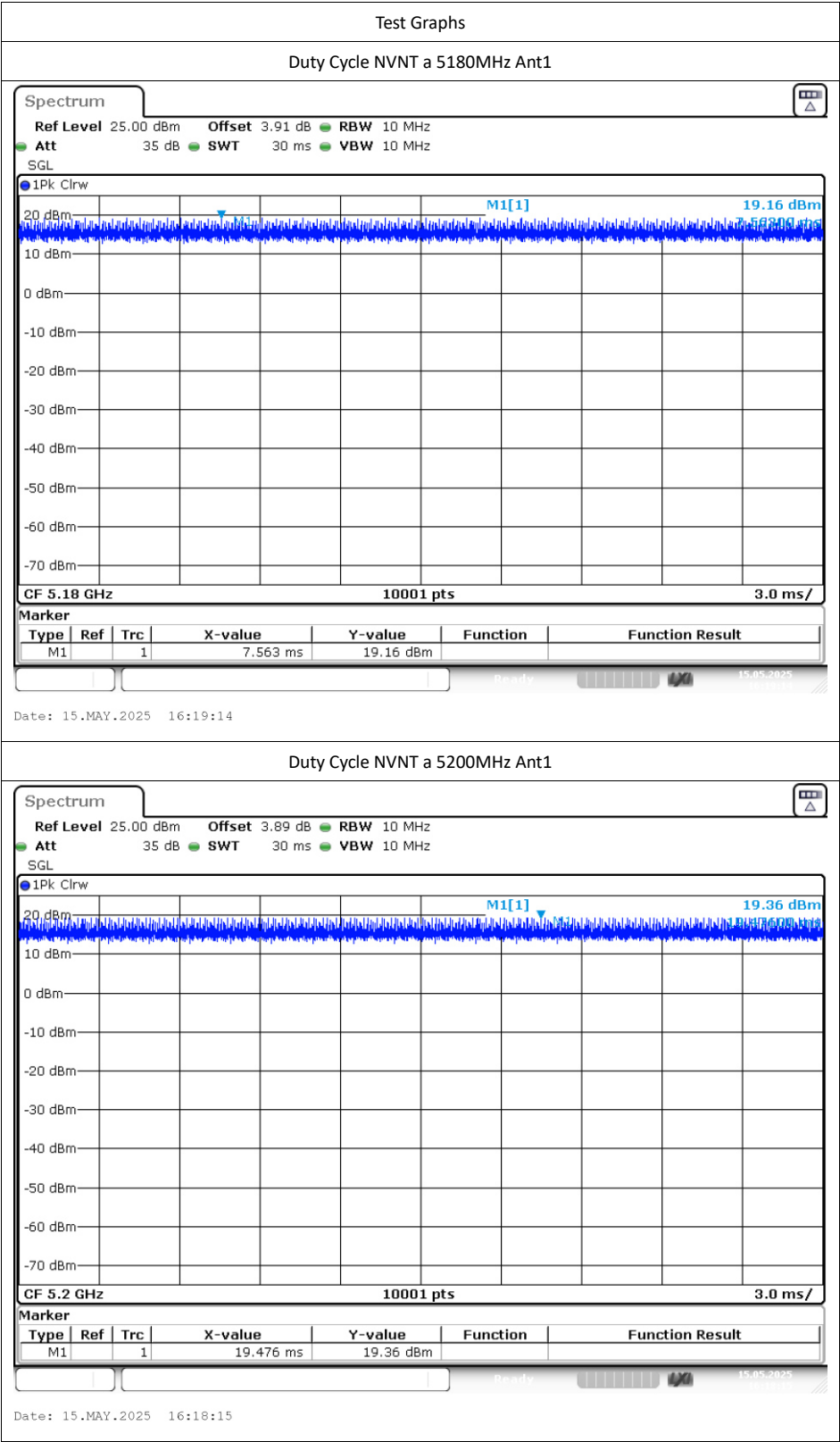
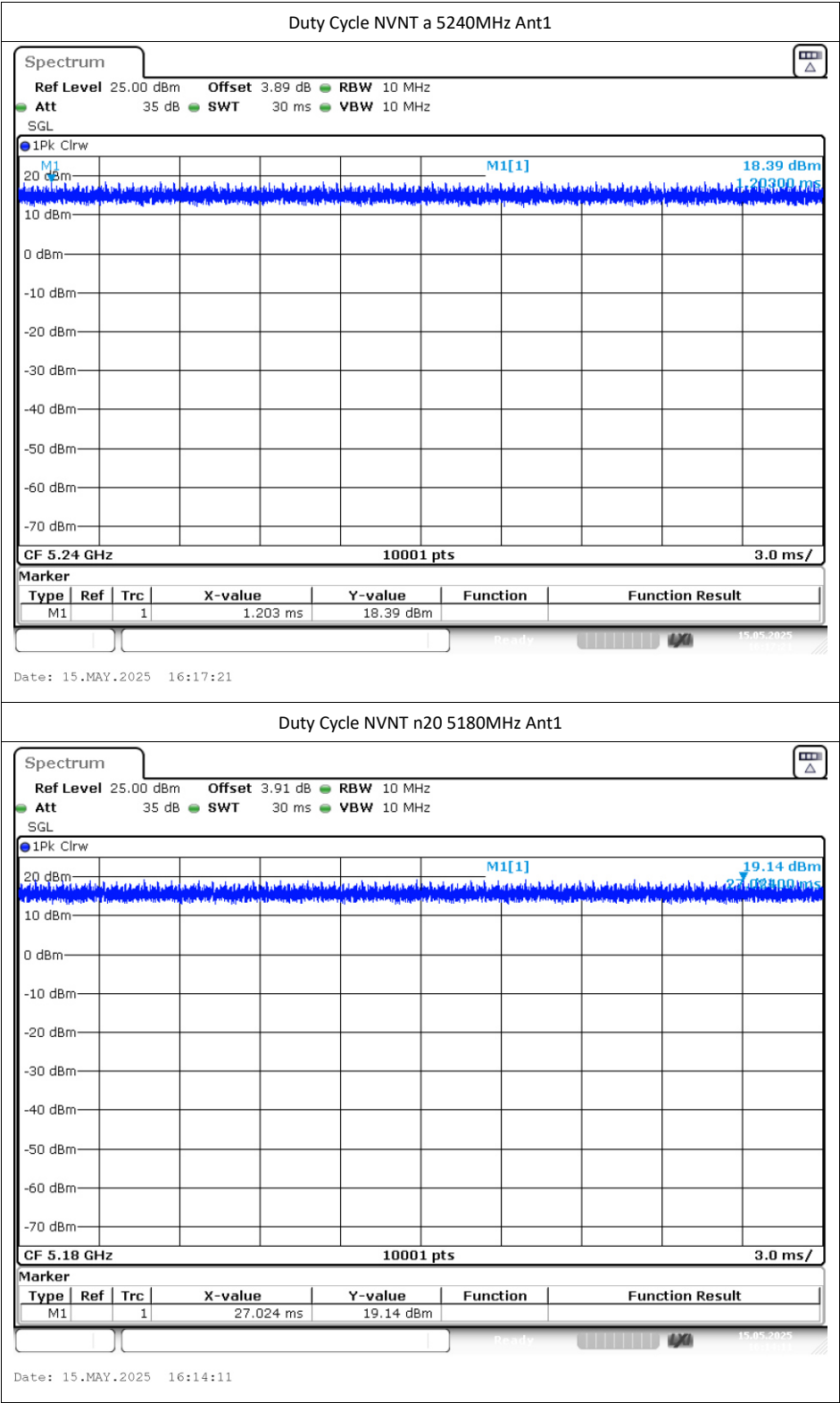
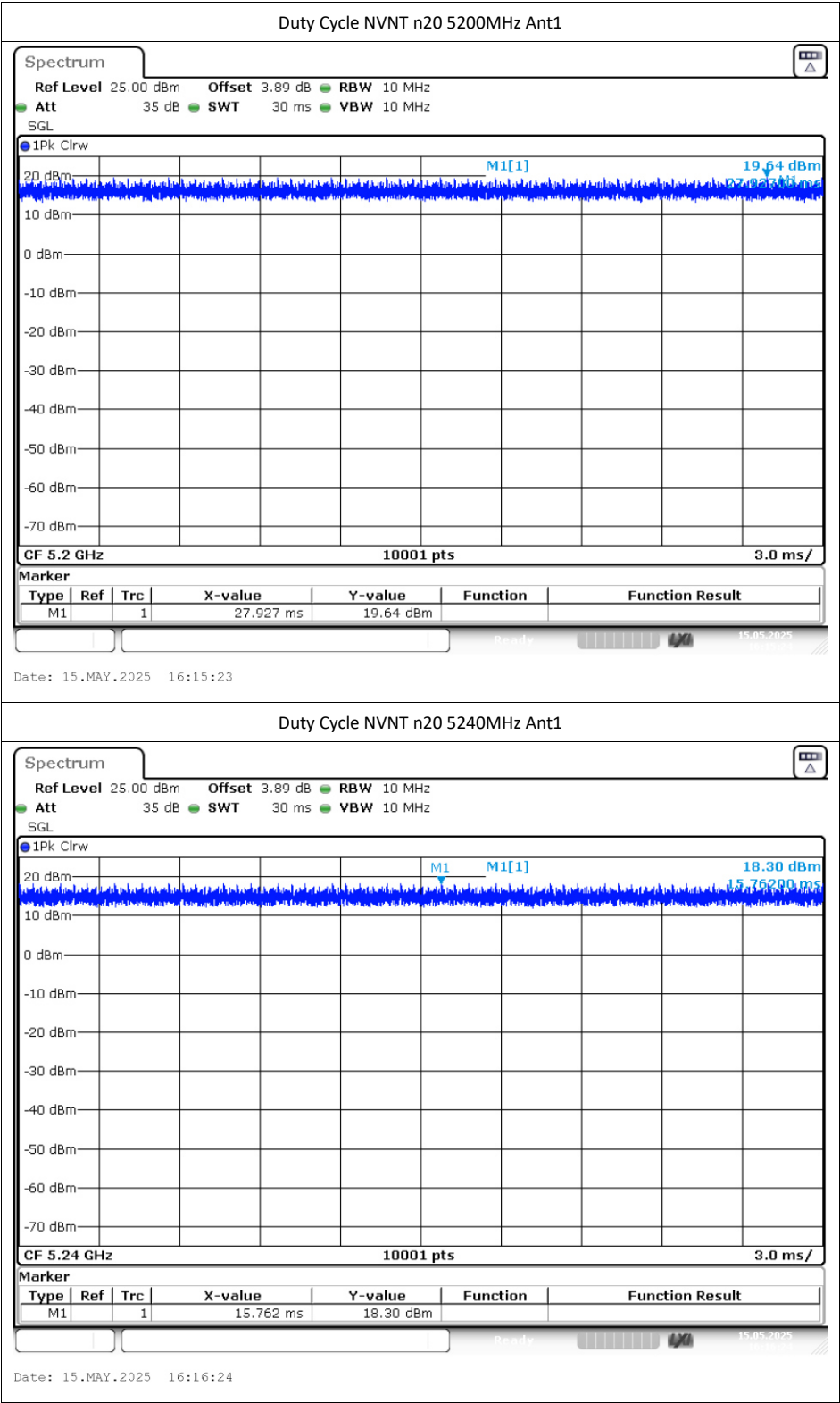


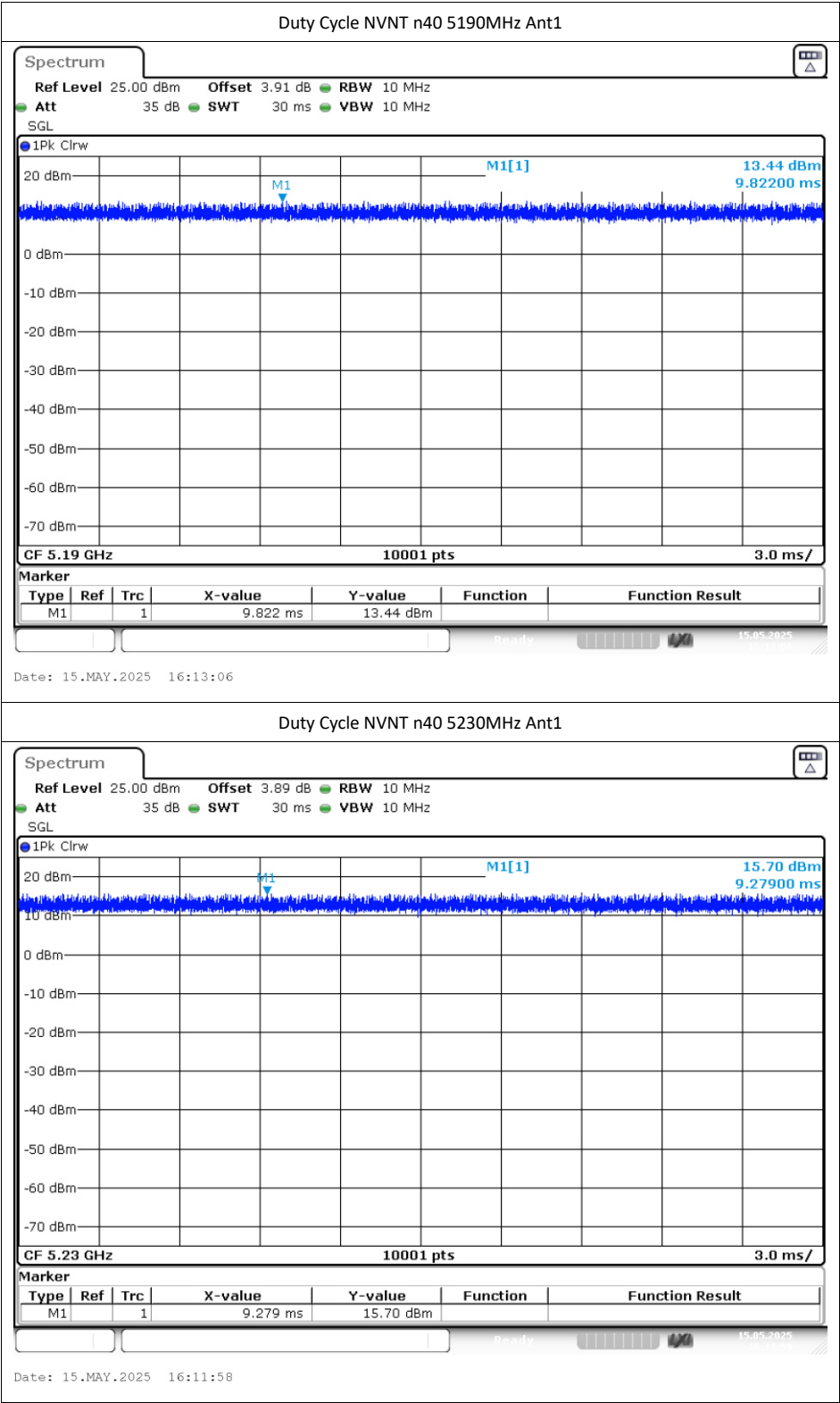
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	-	-	100	0	-
NVNT	a	5200	Ant1	-	-	100	0	-
NVNT	a	5240	Ant1	-	-	100	0	-
NVNT	n20	5180	Ant1	-	-	100	0	-
NVNT	n20	5200	Ant1	-	-	100	0	-
NVNT	n20	5240	Ant1	-	-	100	0	-
NVNT	n40	5190	Ant1	-	-	100	0	-
NVNT	n40	5230	Ant1	-	-	100	0	-









Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.8	11.8	24	Pass
NVNT	a	5200	Ant1	11.49	11.49	24	Pass
NVNT	a	5240	Ant1	10.53	10.53	24	Pass
NVNT	n20	5180	Ant1	11.79	11.79	24	Pass
NVNT	n20	5200	Ant1	11.91	11.91	24	Pass
NVNT	n20	5240	Ant1	10.58	10.58	24	Pass
NVNT	n40	5190	Ant1	8.74	8.74	24	Pass
NVNT	n40	5230	Ant1	10.77	10.77	24	Pass

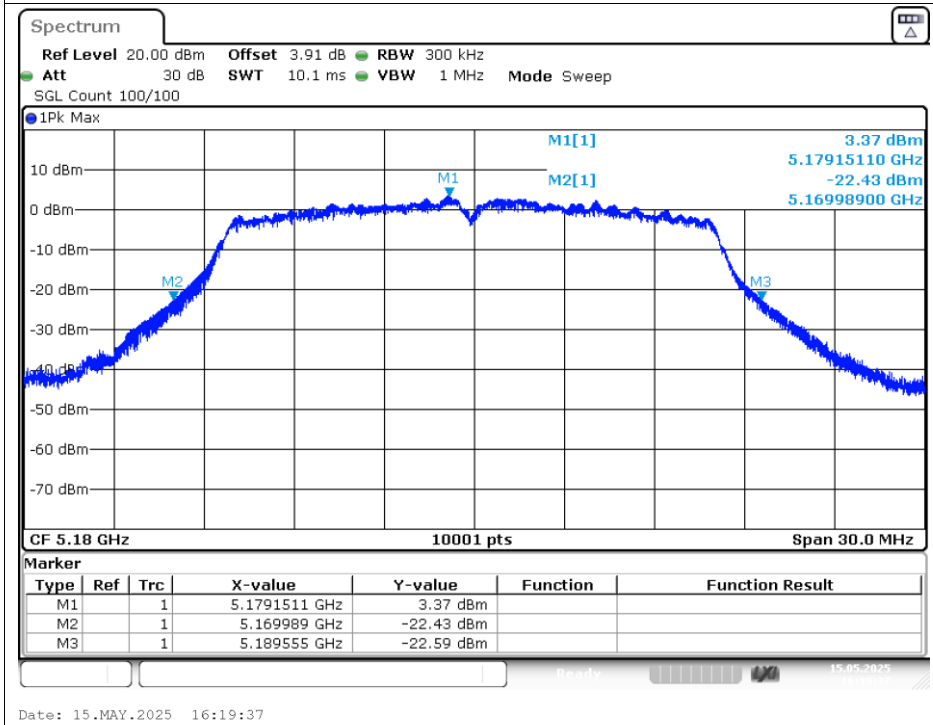
Note: Total Power=Conducted Power+Duty Cycle Correction Factor

-26dB Bandwidth

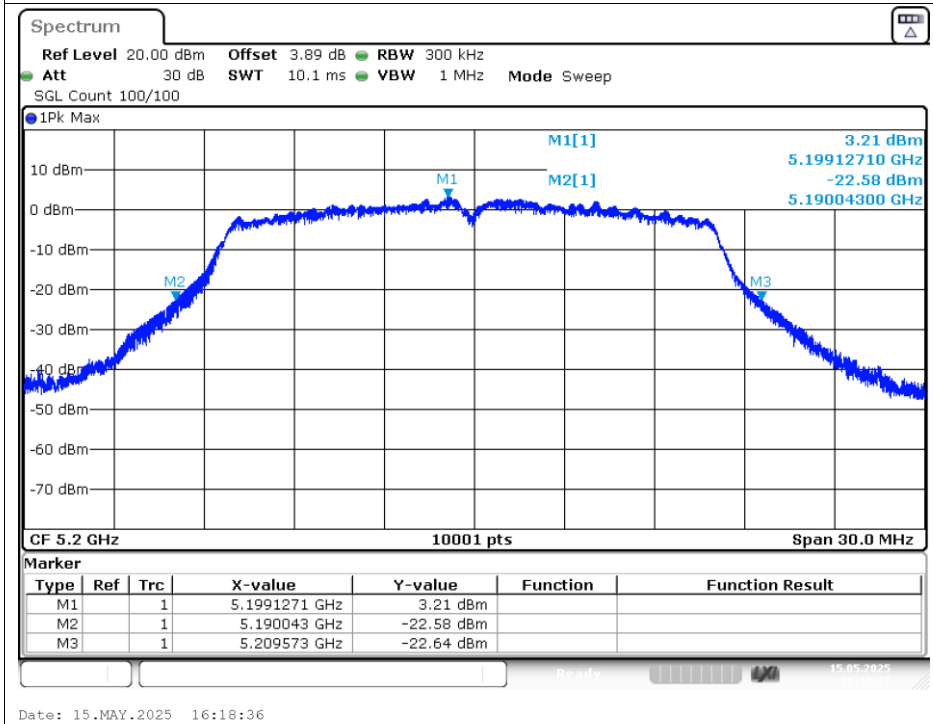
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	19.57	N/A	N/A
NVNT	a	5200	Ant1	19.53	N/A	N/A
NVNT	a	5240	Ant1	20.46	N/A	N/A
NVNT	n20	5180	Ant1	20.46	N/A	N/A
NVNT	n20	5200	Ant1	20.34	N/A	N/A
NVNT	n20	5240	Ant1	20.43	N/A	N/A
NVNT	n40	5190	Ant1	37.75	N/A	N/A
NVNT	n40	5230	Ant1	37.82	N/A	N/A

Test Graphs

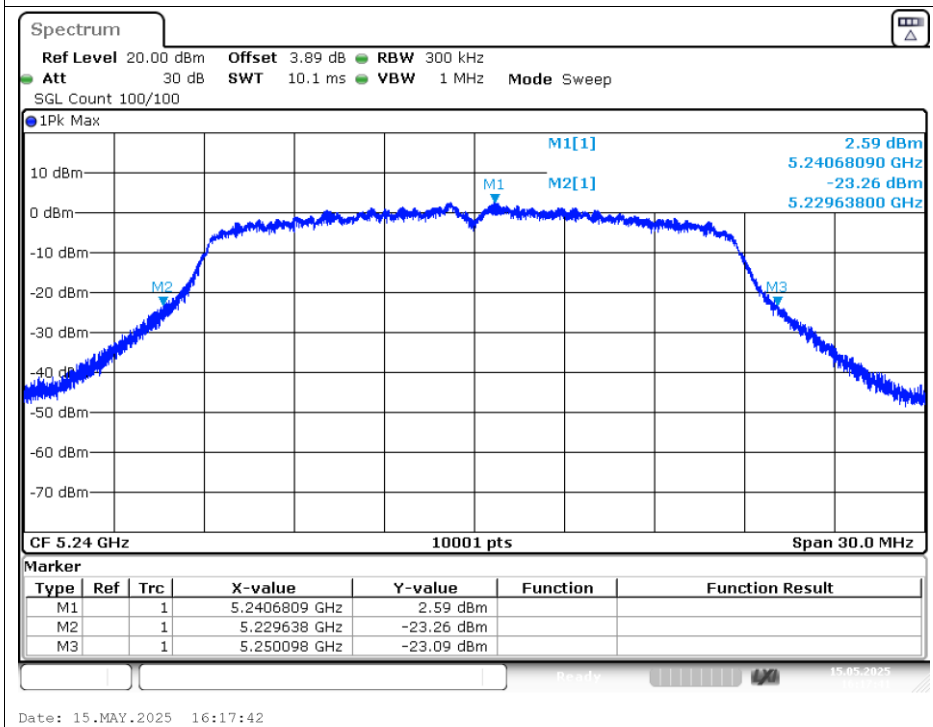
-26dB Bandwidth NVNT a 5180MHz Ant1



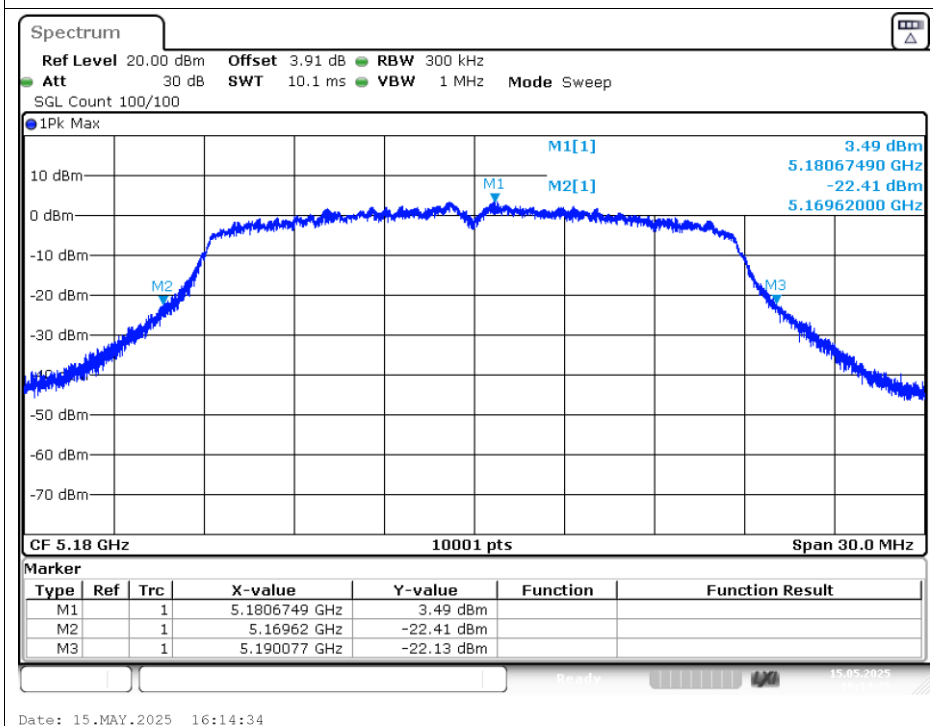
-26dB Bandwidth NVNT a 5200MHz Ant1



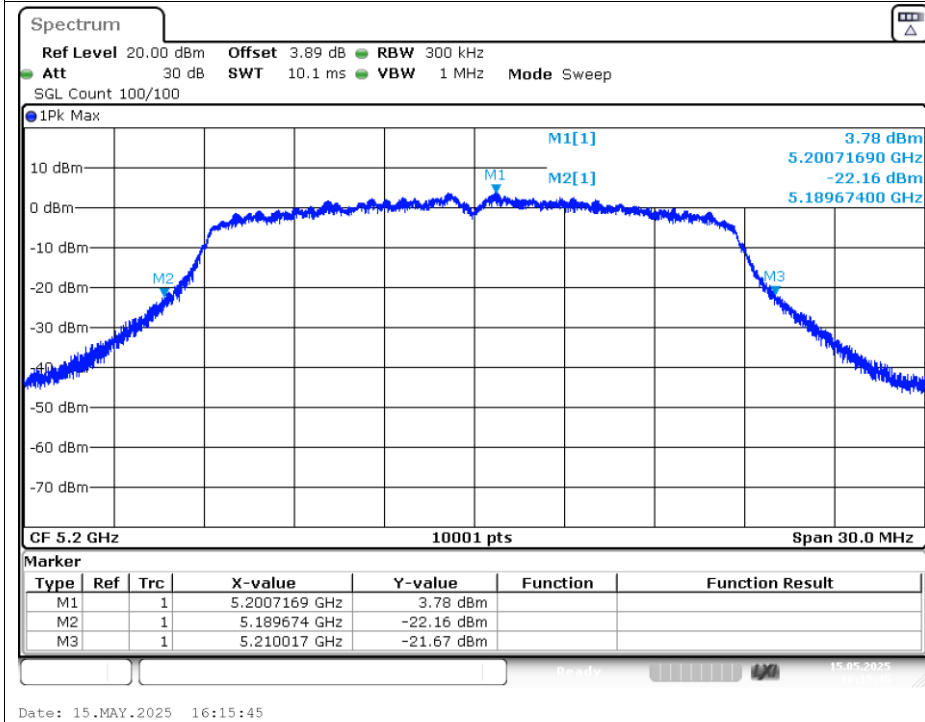
-26dB Bandwidth NVNT a 5240MHz Ant1



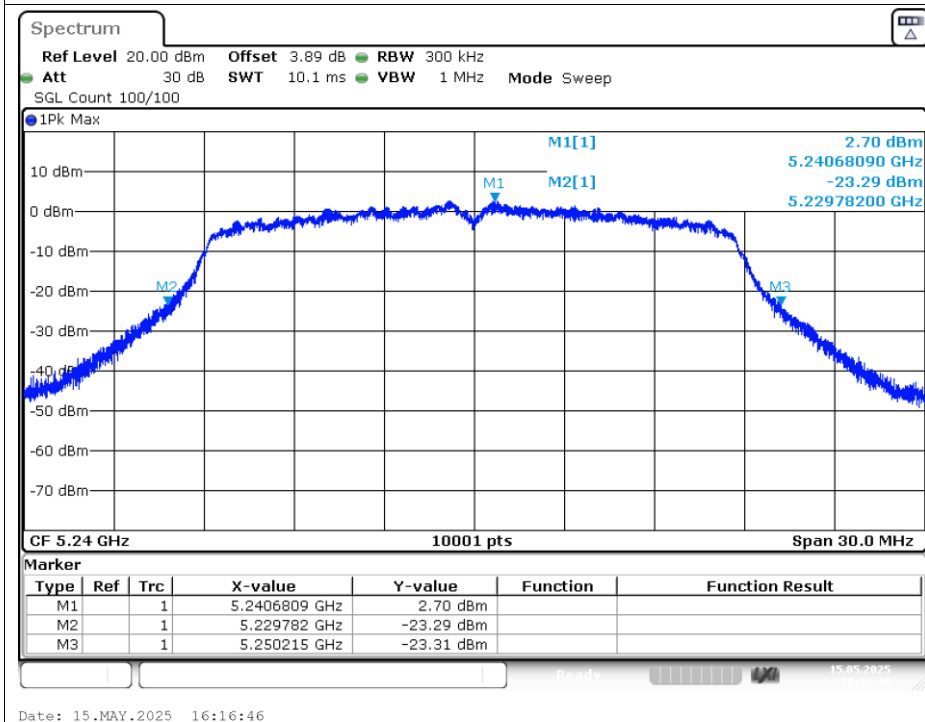
-26dB Bandwidth NVNT n20 5180MHz Ant1



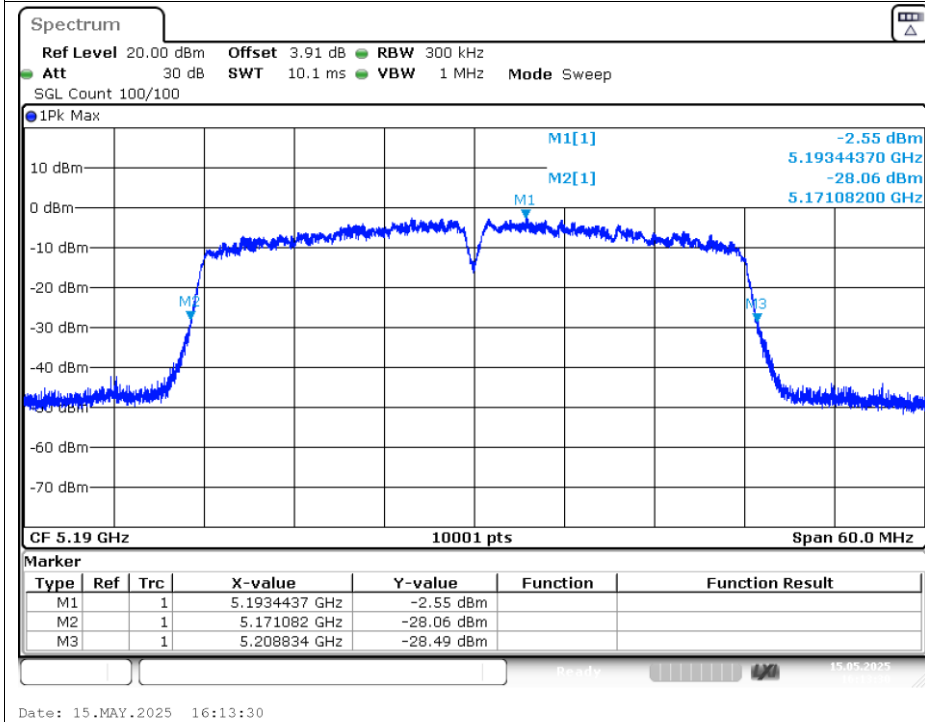
-26dB Bandwidth NVNT n20 5200MHz Ant1



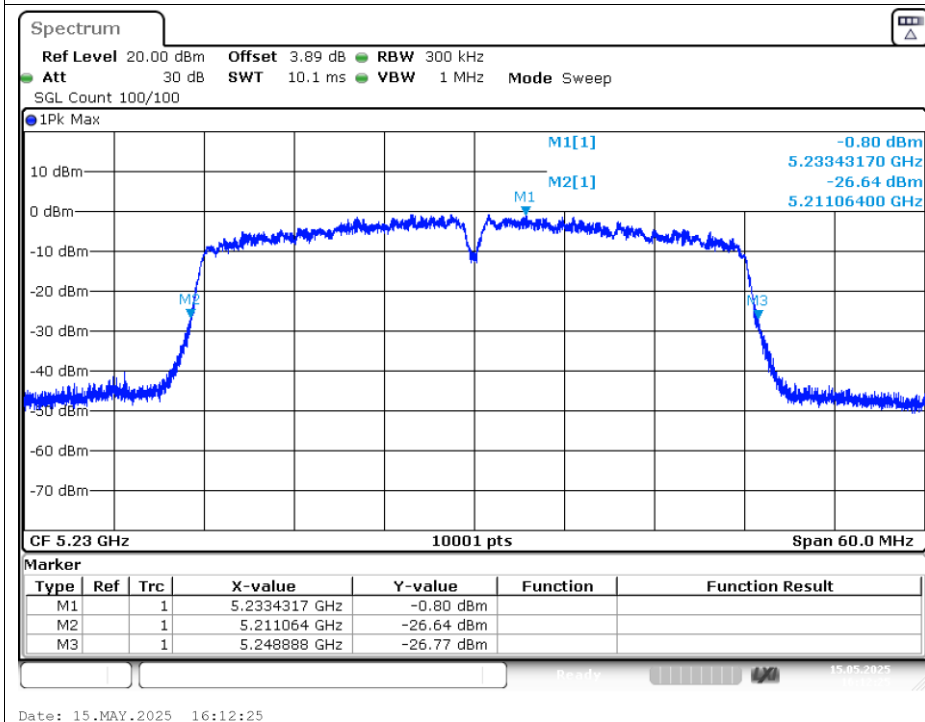
-26dB Bandwidth NVNT n20 5240MHz Ant1



-26dB Bandwidth NVNT n40 5190MHz Ant1



-26dB Bandwidth NVNT n40 5230MHz Ant1

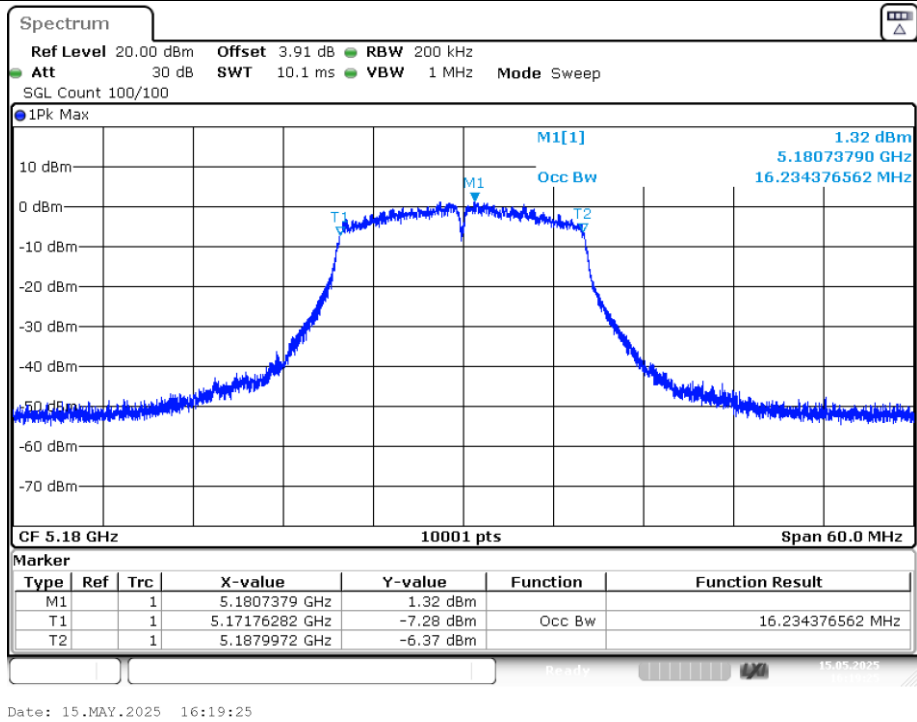


Occupied Channel Bandwidth

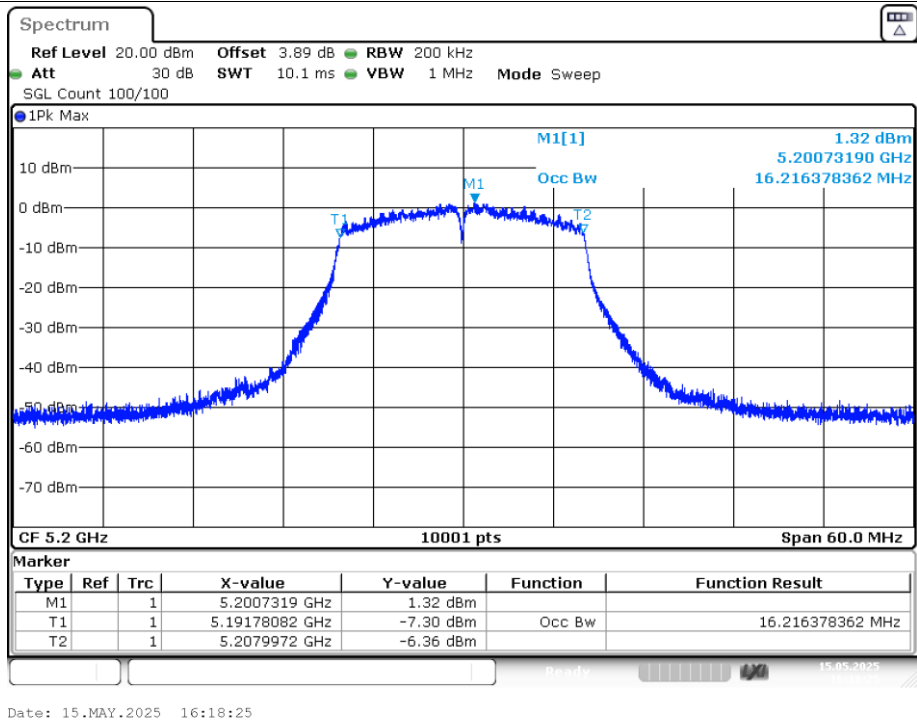
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.234
NVNT	a	5200	Ant1	16.216
NVNT	a	5240	Ant1	17.356
NVNT	n20	5180	Ant1	17.368
NVNT	n20	5200	Ant1	17.356
NVNT	n20	5240	Ant1	17.362
NVNT	n40	5190	Ant1	35.252
NVNT	n40	5230	Ant1	35.252

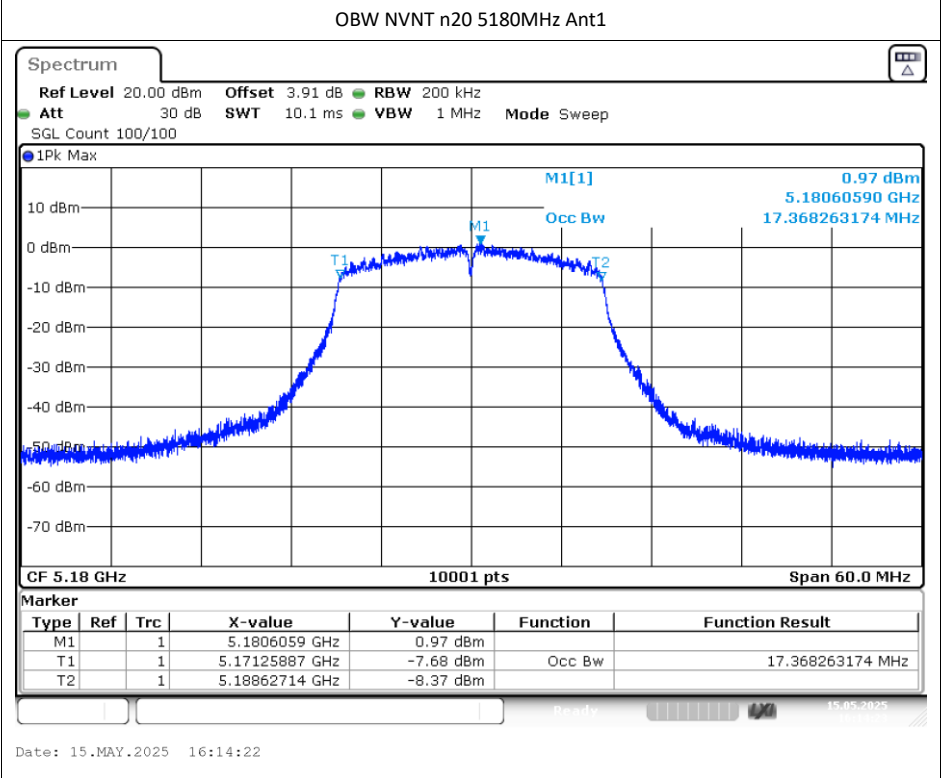
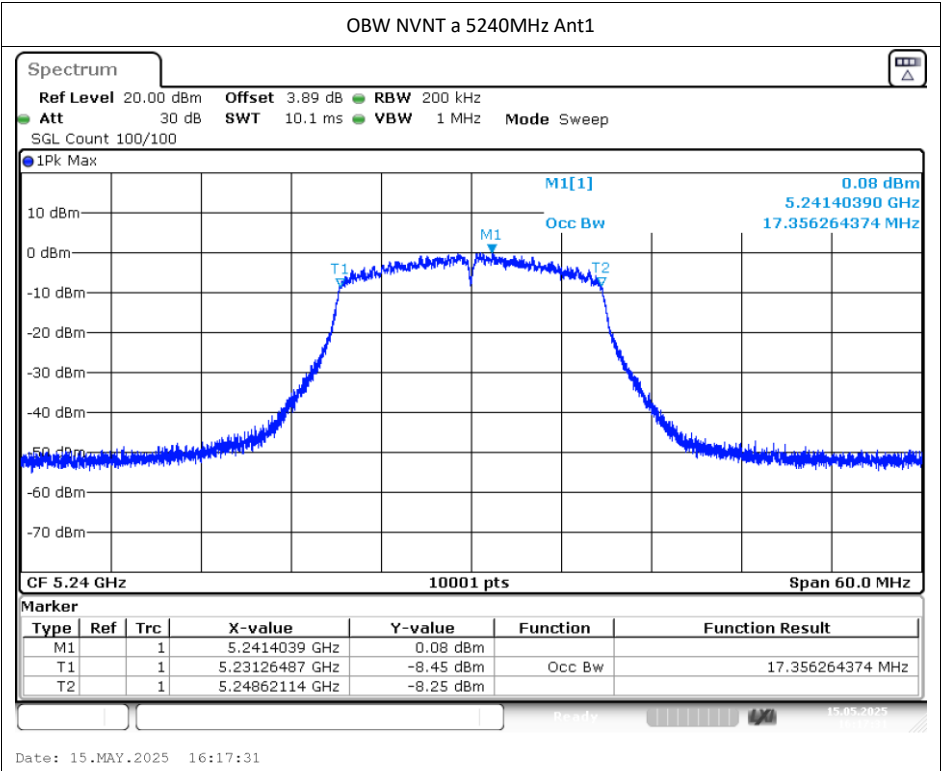
Test Graphs

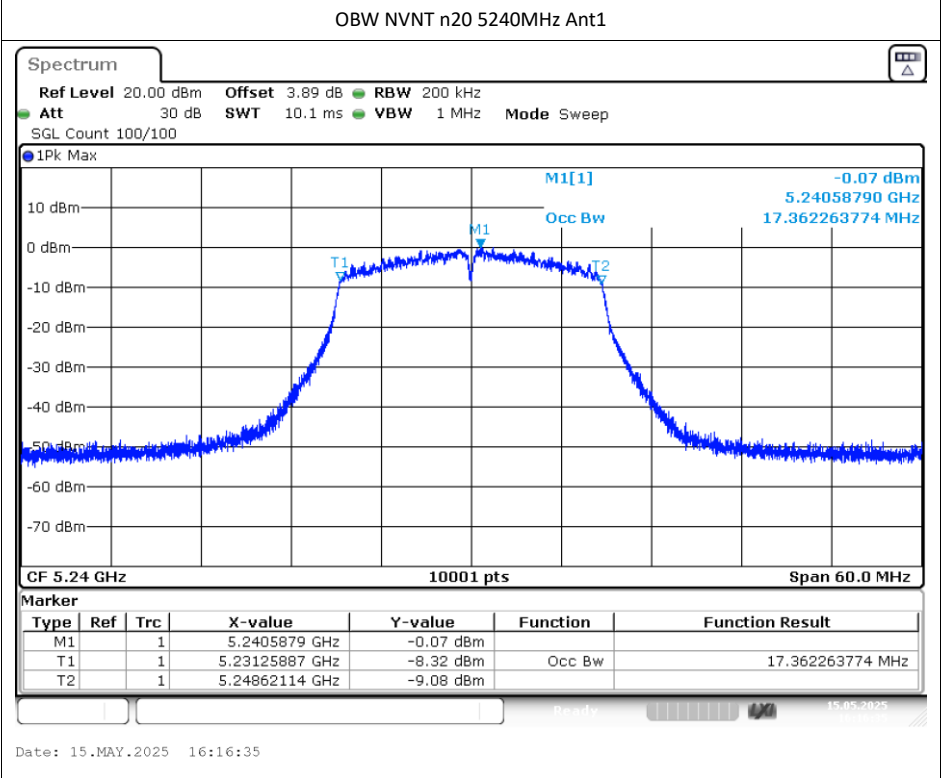
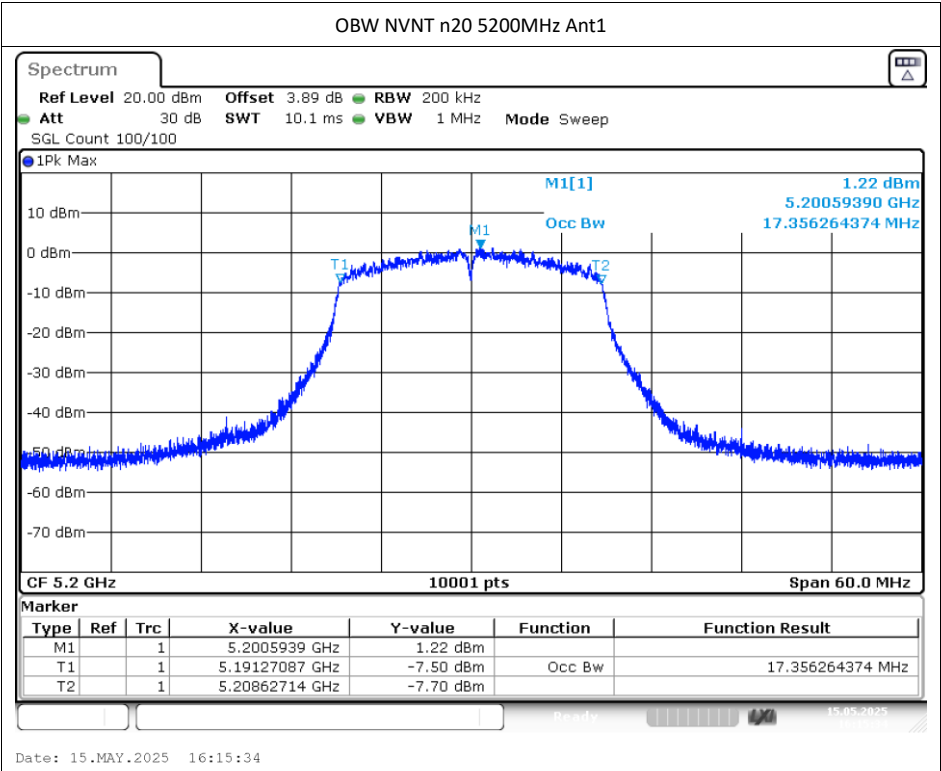
OBW NVNT a 5180MHz Ant1

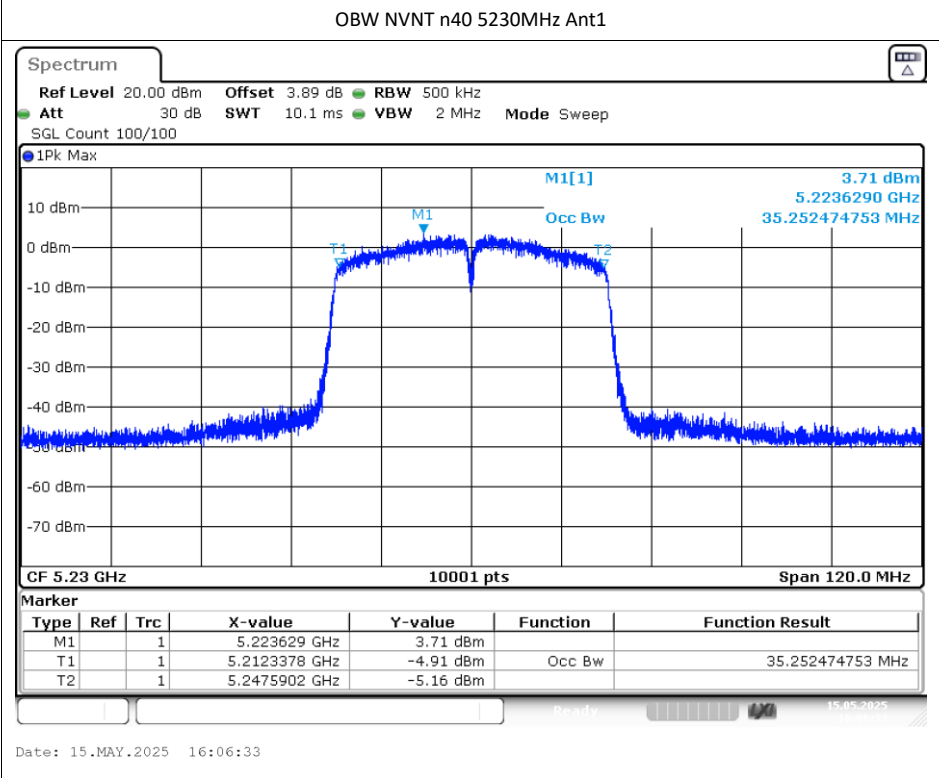
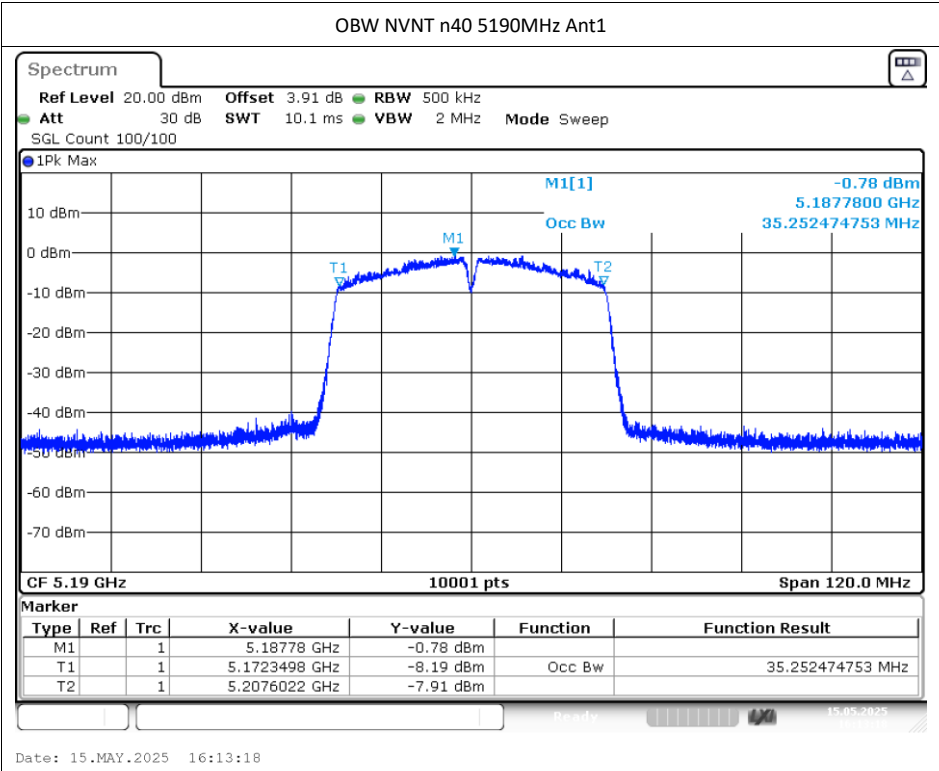


OBW NVNT a 5200MHz Ant1





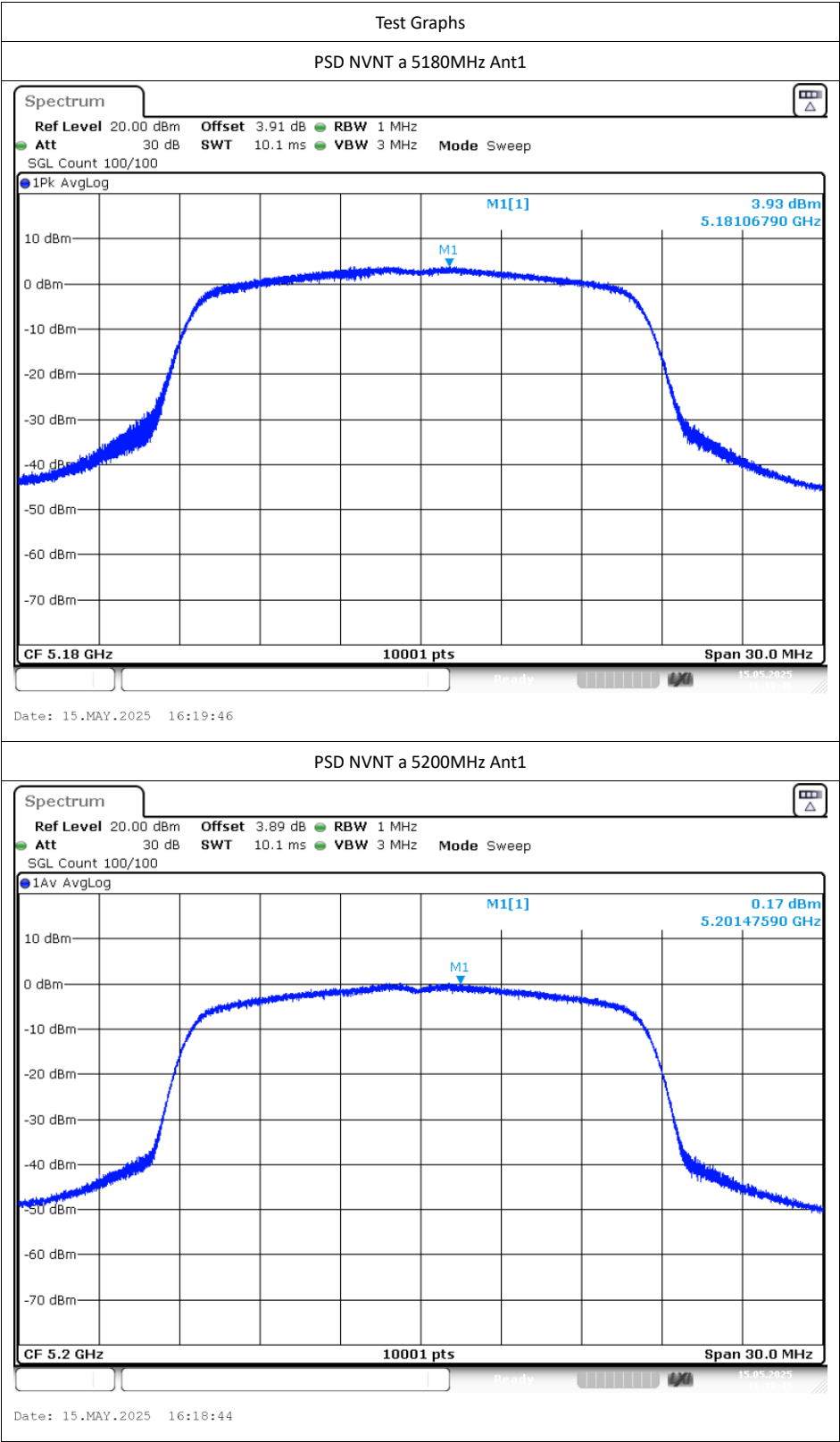


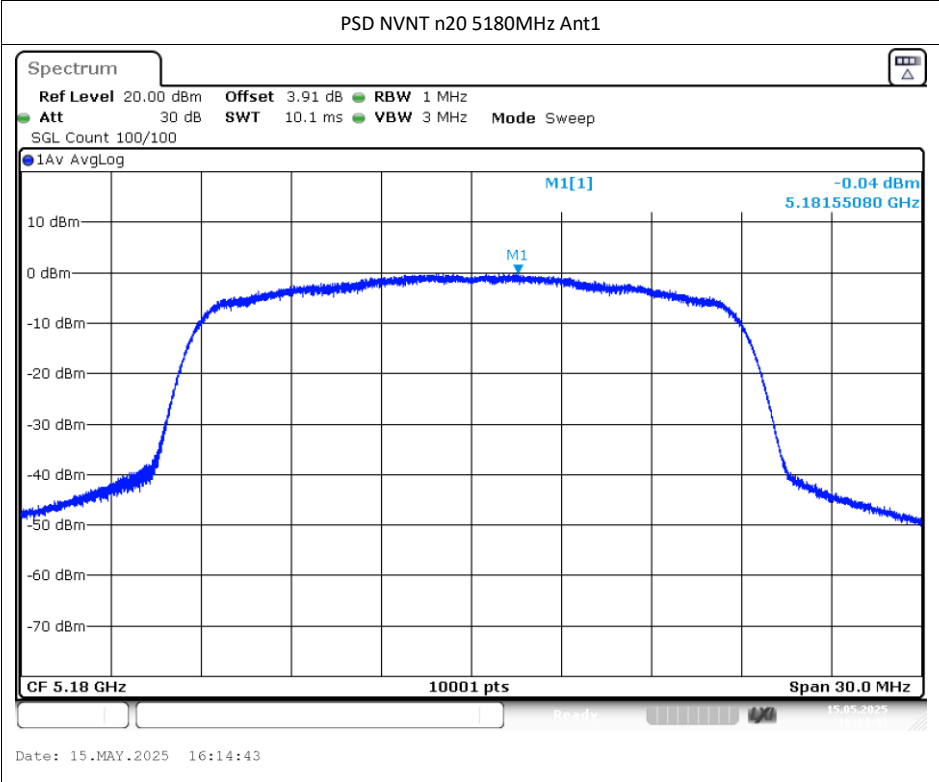
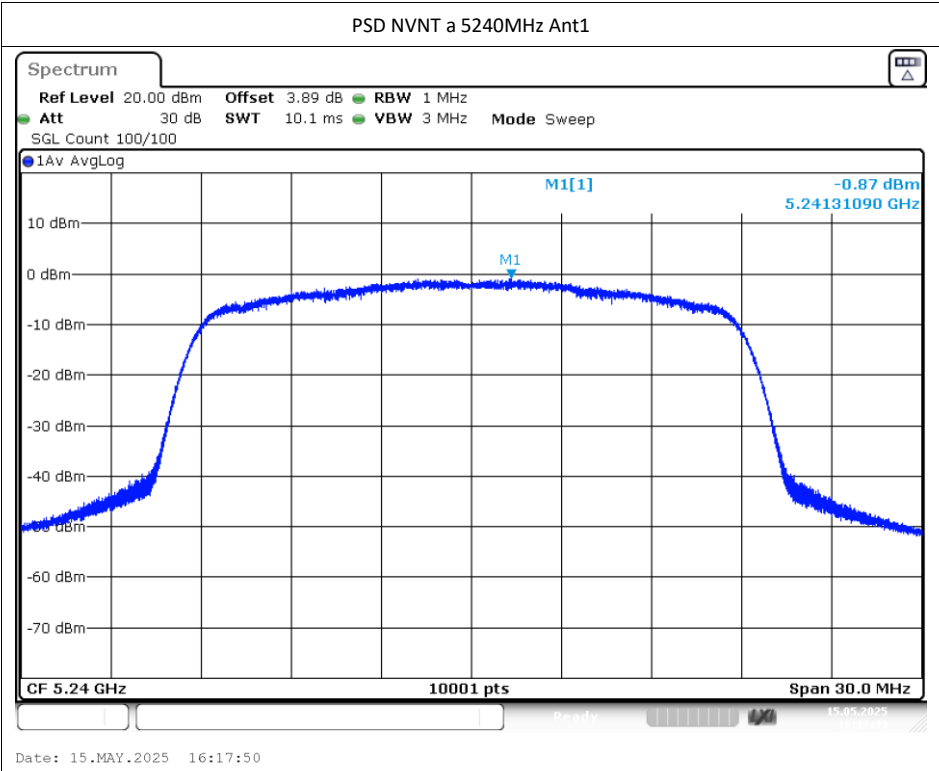


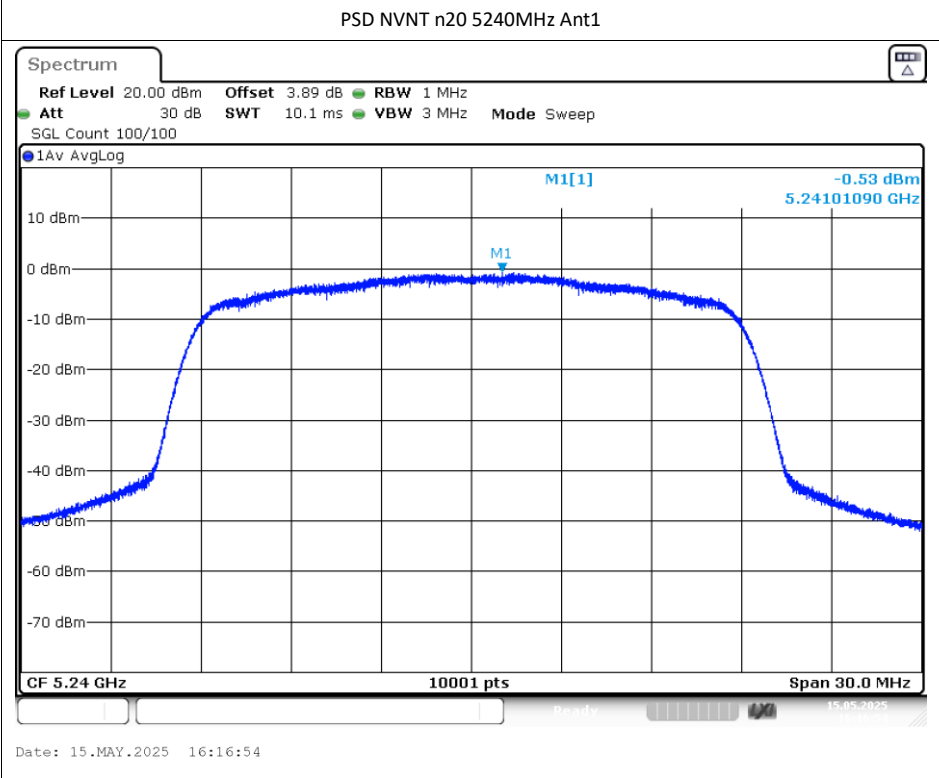
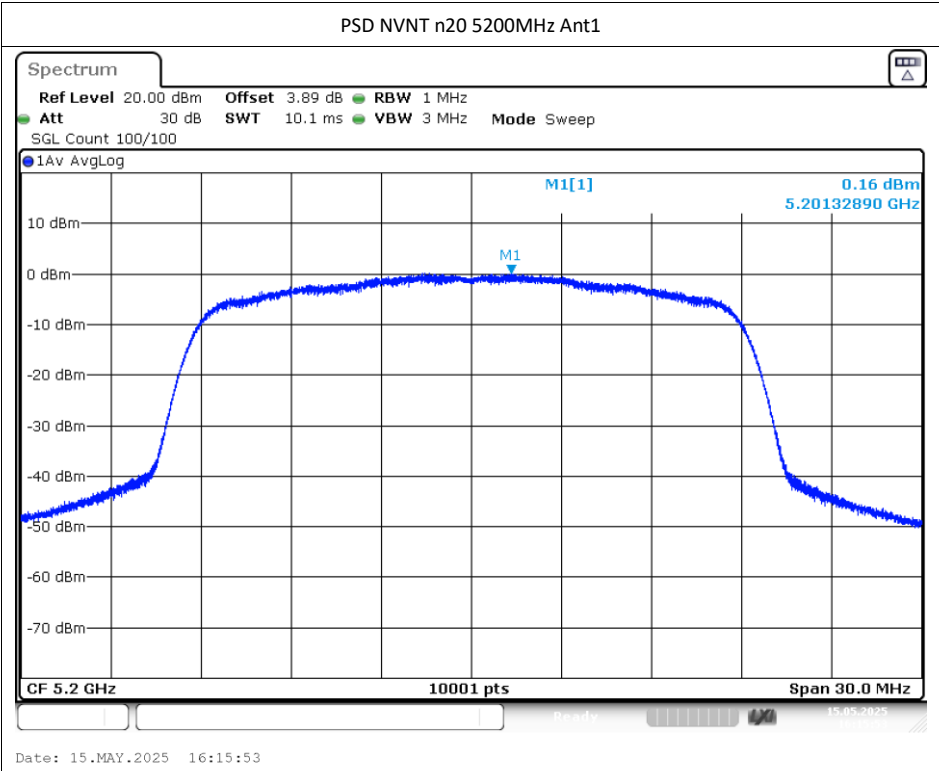
Maximum Power Spectral Density Level

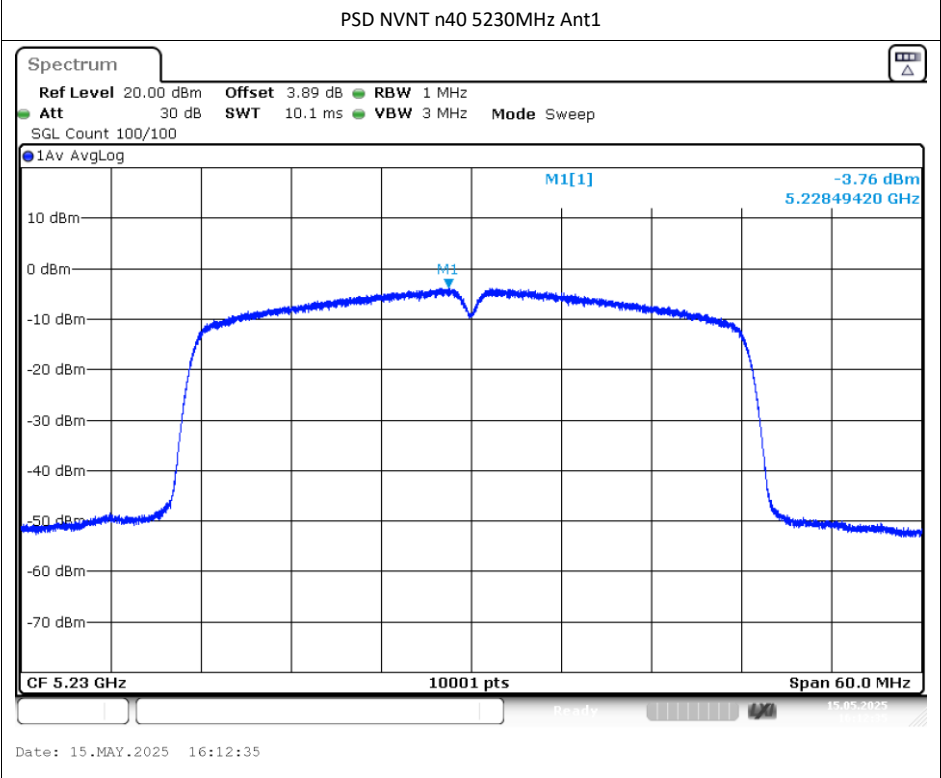
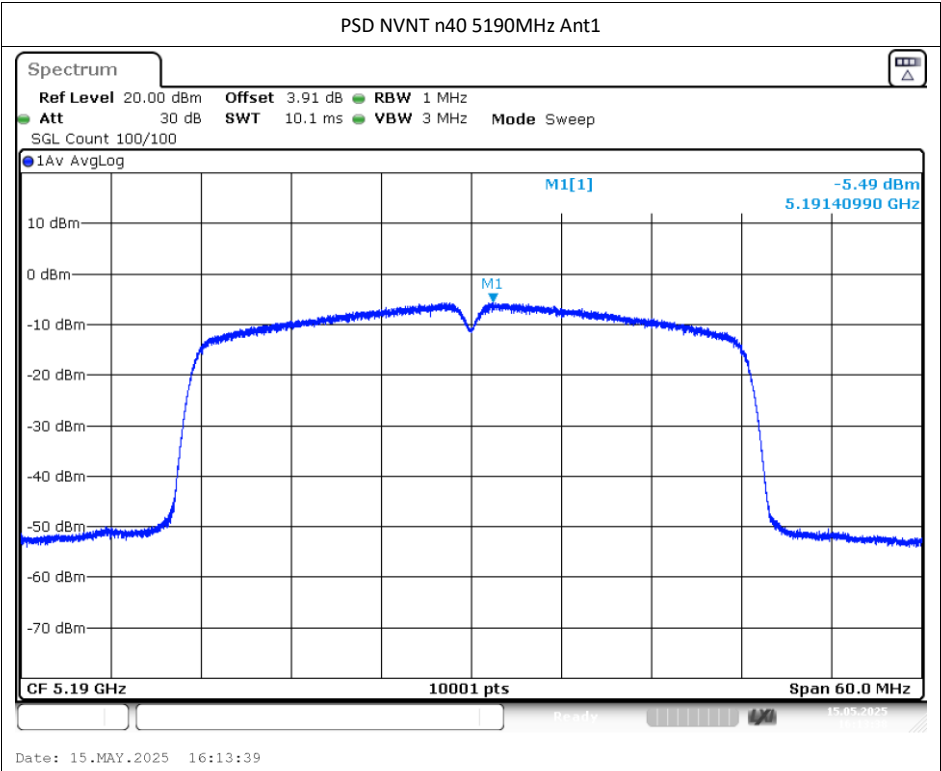
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	3.93	3.93	11	Pass
NVNT	a	5200	Ant1	0.17	0.17	11	Pass
NVNT	a	5240	Ant1	-0.87	-0.87	11	Pass
NVNT	n20	5180	Ant1	-0.04	-0.04	11	Pass
NVNT	n20	5200	Ant1	0.16	0.16	11	Pass
NVNT	n20	5240	Ant1	-0.53	-0.53	11	Pass
NVNT	n40	5190	Ant1	-5.49	-5.49	11	Pass
NVNT	n40	5230	Ant1	-3.76	-3.76	11	Pass

Note: Total PSD=Conducted PSD+Duty Cycle Correction Factor









Frequency Stability

Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 4.25V	a	0	5180	Ant1	5179.94	-60000	-11.58	25	Pass
20C 5V	a	0	5180	Ant1	5179.94	-60000	-11.58	25	Pass
20C 5.75V	a	0	5180	Ant1	5179.96	-40000	-7.72	25	Pass
0C 5V	a	0	5180	Ant1	5180.02	20000	3.86	25	Pass
10C 5V	a	0	5180	Ant1	5179.92	-80000	-15.44	25	Pass
30C 5V	a	0	5180	Ant1	5179.9	-100000	-19.31	25	Pass
40C 5V	a	0	5180	Ant1	5179.98	-20000	-3.86	25	Pass
45C 5V	a	0	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 4.25V	a	0	5200	Ant1	5199.94	-60000	-11.54	25	Pass
20C 5V	a	0	5200	Ant1	5199.94	-60000	-11.54	25	Pass
20C 5.75V	a	0	5200	Ant1	5199.96	-40000	-7.69	25	Pass
0C 5V	a	0	5200	Ant1	5200	0	0	25	Pass
10C 5V	a	0	5200	Ant1	5199.92	-80000	-15.38	25	Pass
30C 5V	a	0	5200	Ant1	5199.9	-100000	-19.23	25	Pass
40C 5V	a	0	5200	Ant1	5199.92	-80000	-15.38	25	Pass
45C 5V	a	0	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 4.25V	a	0	5240	Ant1	5239.94	-60000	-11.45	25	Pass
20C 5V	a	0	5240	Ant1	5239.92	-80000	-15.27	25	Pass
20C 5.75V	a	0	5240	Ant1	5239.94	-60000	-11.45	25	Pass
0C 120V	a	0	5240	Ant1	5239.96	-40000	-7.63	25	Pass
10C 120V	a	0	5240	Ant1	5239.92	-80000	-15.27	25	Pass
20C 120V	a	0	5240	Ant1	5239.92	-80000	-15.27	25	Pass
30C 120V	a	0	5240	Ant1	5239.94	-60000	-11.45	25	Pass
40C 120V	a	0	5240	Ant1	5239.96	-40000	-7.63	25	Pass
45C 120V	a	0	5240	Ant1	5239.9	-100000	-19.08	25	Pass
20C 4.25V	n20	0	5180	Ant1	5179.92	-80000	-15.44	25	Pass
20C 5V	n20	0	5180	Ant1	5179.94	-60000	-11.58	25	Pass
20C 5.75V	n20	0	5180	Ant1	5179.94	-60000	-11.58	25	Pass
0C 5V	n20	0	5180	Ant1	5179.96	-40000	-7.72	25	Pass
10C 5V	n20	0	5180	Ant1	5179.94	-60000	-11.58	25	Pass

30C 5V	n20	0	5180	Ant1	5179.94	-60000	-11.58	25	Pass
40C 5V	n20	0	5180	Ant1	5179.94	-60000	-11.58	25	Pass
45C 5V	n20	0	5180	Ant1	5179.94	-60000	-11.58	25	Pass
20C 4.25V	n20	0	5200	Ant1	5199.94	-60000	-11.54	25	Pass
20C 5V	n20	0	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 5.75V	n20	0	5200	Ant1	5199.94	-60000	-11.54	25	Pass
0C 5V	n20	0	5200	Ant1	5199.92	-80000	-15.38	25	Pass
10C 5V	n20	0	5200	Ant1	5199.94	-60000	-11.54	25	Pass
30C 5V	n20	0	5200	Ant1	5199.94	-60000	-11.54	25	Pass
40C 5V	n20	0	5200	Ant1	5199.92	-80000	-15.38	25	Pass
45C 5V	n20	0	5200	Ant1	5199.92	-80000	-15.38	25	Pass
20C 4.25V	n20	0	5240	Ant1	5239.92	-80000	-15.27	25	Pass
20C 5V	n20	0	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 5.75V	n20	0	5240	Ant1	5239.96	-40000	-7.63	25	Pass
0C 5V	n20	0	5240	Ant1	5239.94	-60000	-11.45	25	Pass
10C 5V	n20	0	5240	Ant1	5239.92	-80000	-15.27	25	Pass
30C 5V	n20	0	5240	Ant1	5239.92	-80000	-15.27	25	Pass
40C 5V	n20	0	5240	Ant1	5239.94	-60000	-11.45	25	Pass
45C 5V	n20	0	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 4.25V	n40	0	5190	Ant1	5189.92	-80000	-15.41	25	Pass
20C 5V	n40	0	5190	Ant1	5189.88	-12000	-23.12	25	Pass
20C 5.75V	n40	0	5190	Ant1	5189.92	-80000	-15.41	25	Pass
0C 5V	n40	0	5190	Ant1	5190.16	16000	3.83	25	Pass
10C 5V	n40	0	5190	Ant1	5189.88	-12000	-3.12	25	Pass
30C 5V	n40	0	5190	Ant1	5190.2	20000	3.54	25	Pass
40C 5V	n40	0	5190	Ant1	5190.08	80000	15.41	25	Pass
45C 5V	n40	0	5190	Ant1	5190.24	24000	4.24	25	Pass
20C 4.25V	n40	0	5230	Ant1	5229.92	-80000	-15.3	25	Pass
20C 5V	n40	0	5230	Ant1	5229.64	-36000	-6.83	25	Pass
20C 5.75V	n40	0	5230	Ant1	5229.96	-40000	-7.65	25	Pass
0C 5V	n40	0	5230	Ant1	5229.92	-80000	-15.3	25	Pass
10C 5V	n40	0	5230	Ant1	5229.92	-80000	-15.3	25	Pass
30C 5V	n40	0	5230	Ant1	5229.96	-40000	-7.65	25	Pass
40C 5V	n40	0	5230	Ant1	5230.24	24000	4.89	25	Pass

45C 5V	n40	0	5230	Ant1	5229.8	-20000	-3.24	25	Pass
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