

Appendix: 5G Wi-Fi Band 3

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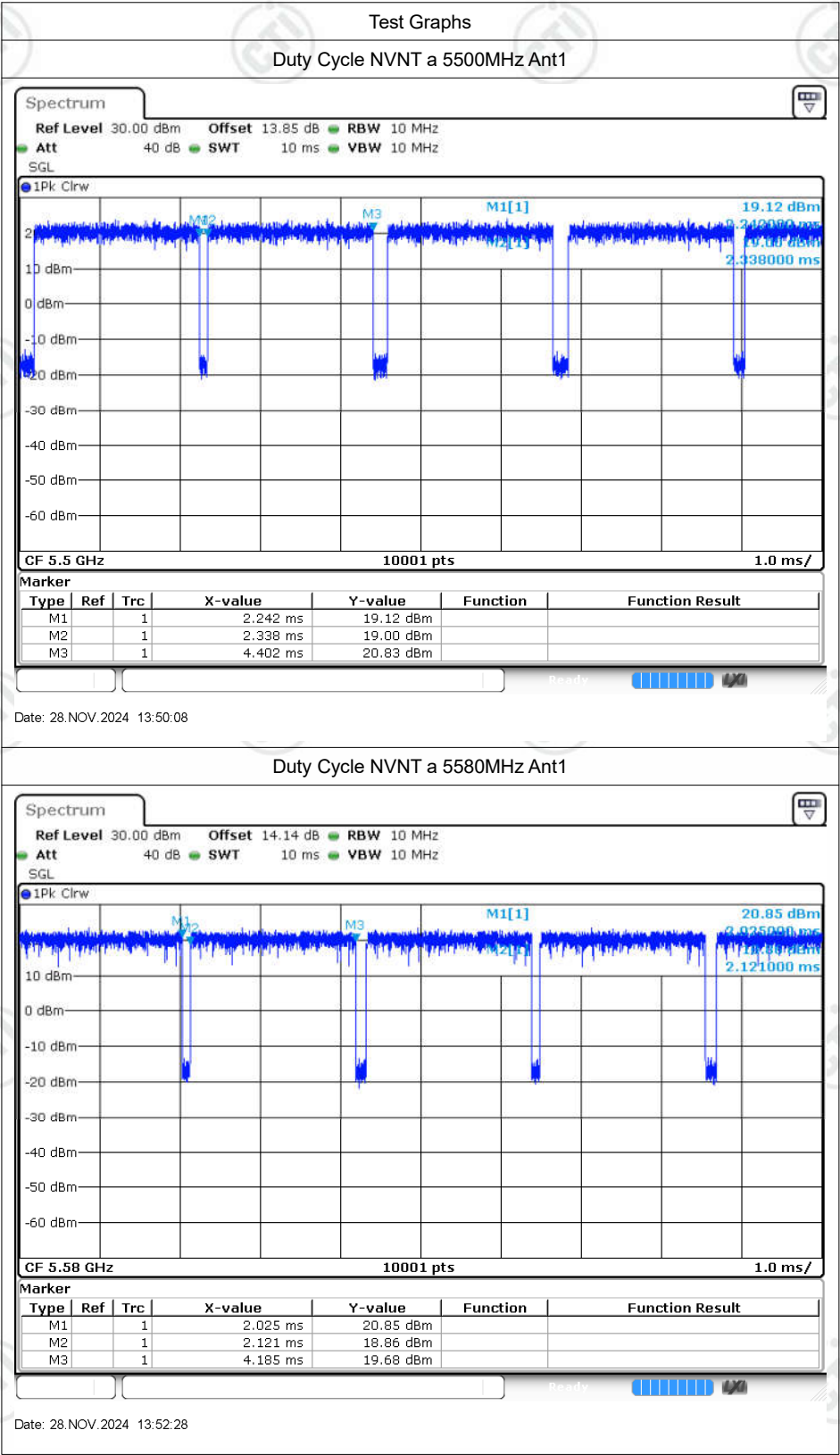
Maximum Power Spectral Density Level 22

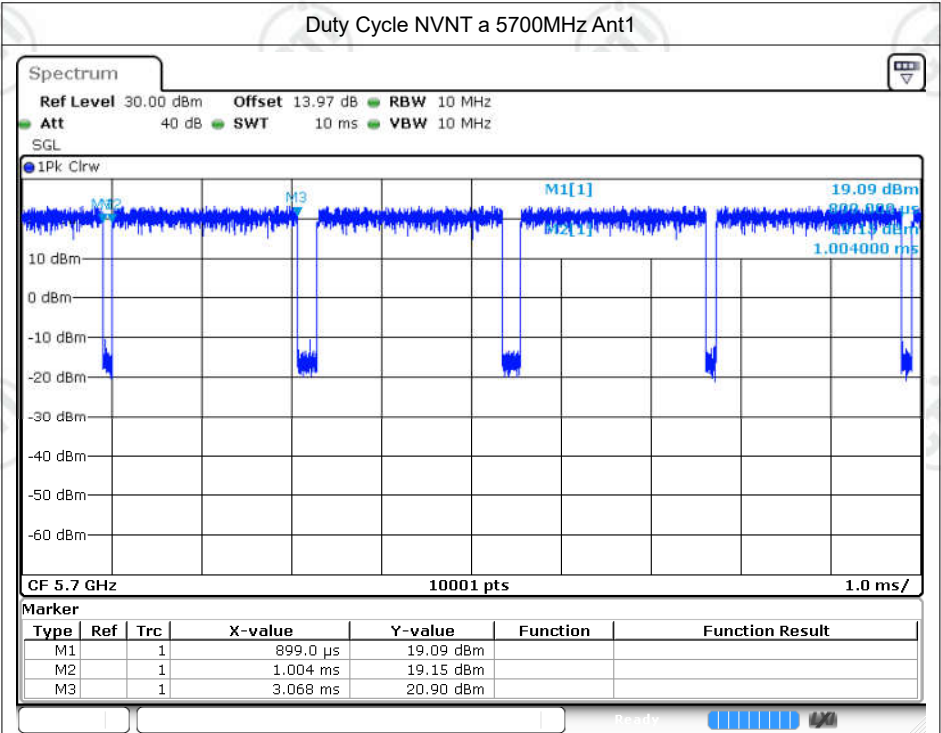
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Duty Cycle

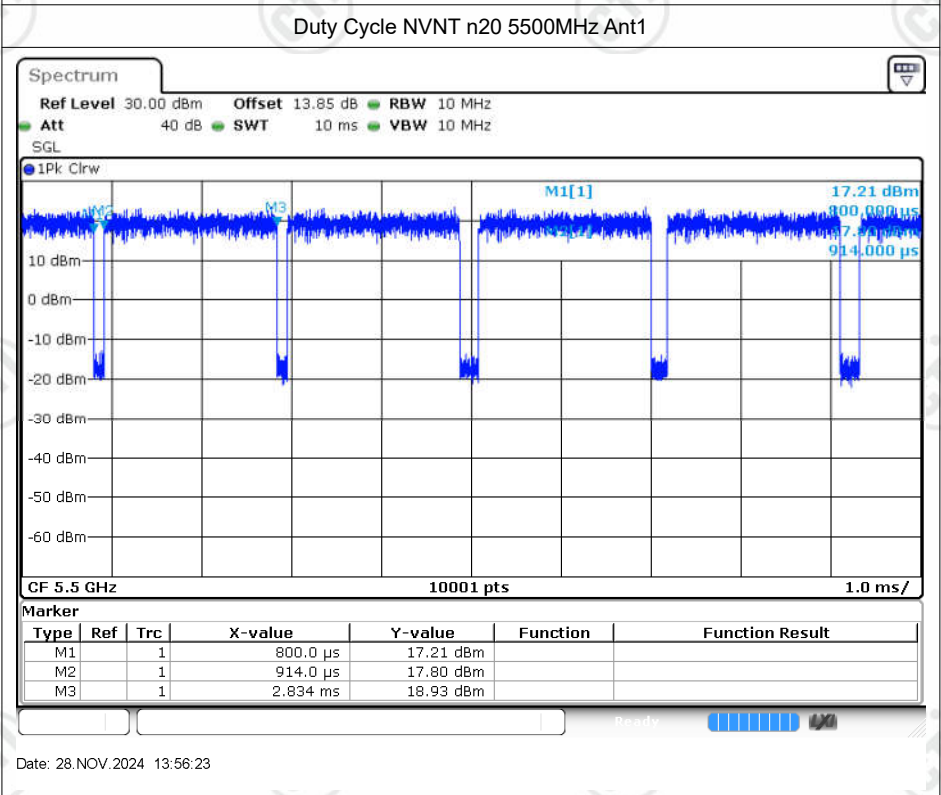
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T (kHz)
NVNT	a	5500	Ant1	95.56	0.2	0.48
NVNT	a	5580	Ant1	95.56	0.2	0.48
NVNT	a	5700	Ant1	95.16	0.22	0.48
NVNT	n20	5500	Ant1	94.4	0.25	0.52
NVNT	n20	5580	Ant1	92.75	0.33	0.52
NVNT	n20	5700	Ant1	93.57	0.29	0.52
NVNT	n40	5510	Ant1	82.88	0.82	1.06
NVNT	n40	5550	Ant1	81.68	0.88	1.06
NVNT	n40	5670	Ant1	90.77	0.42	1.06

Note:Duty Cycle Correction Factor (dB)=-10*Ig(Duty Cycle);

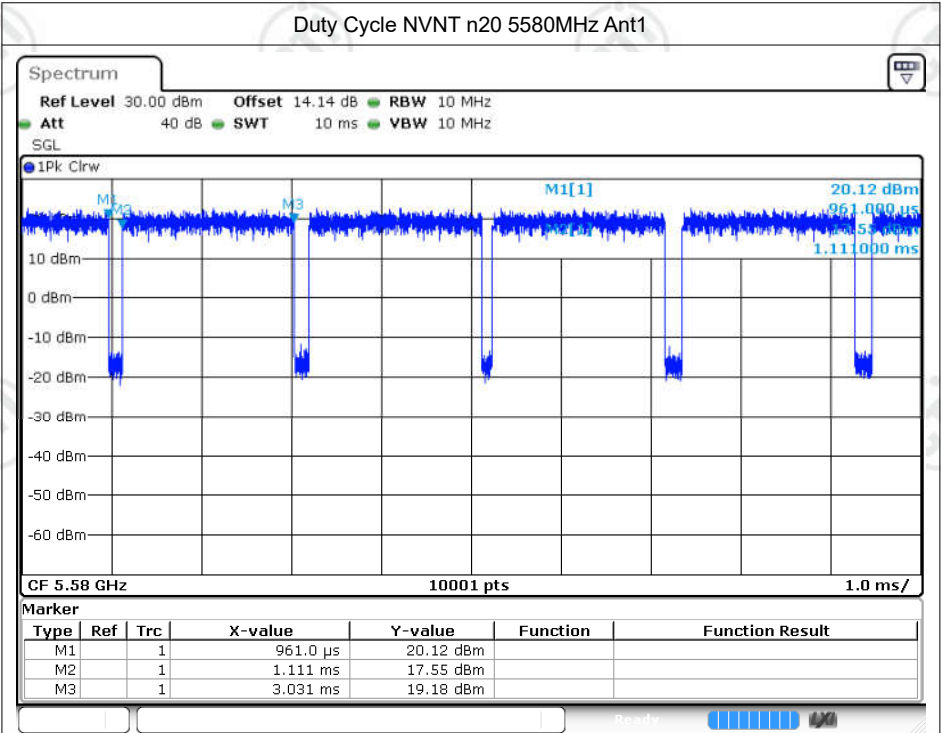




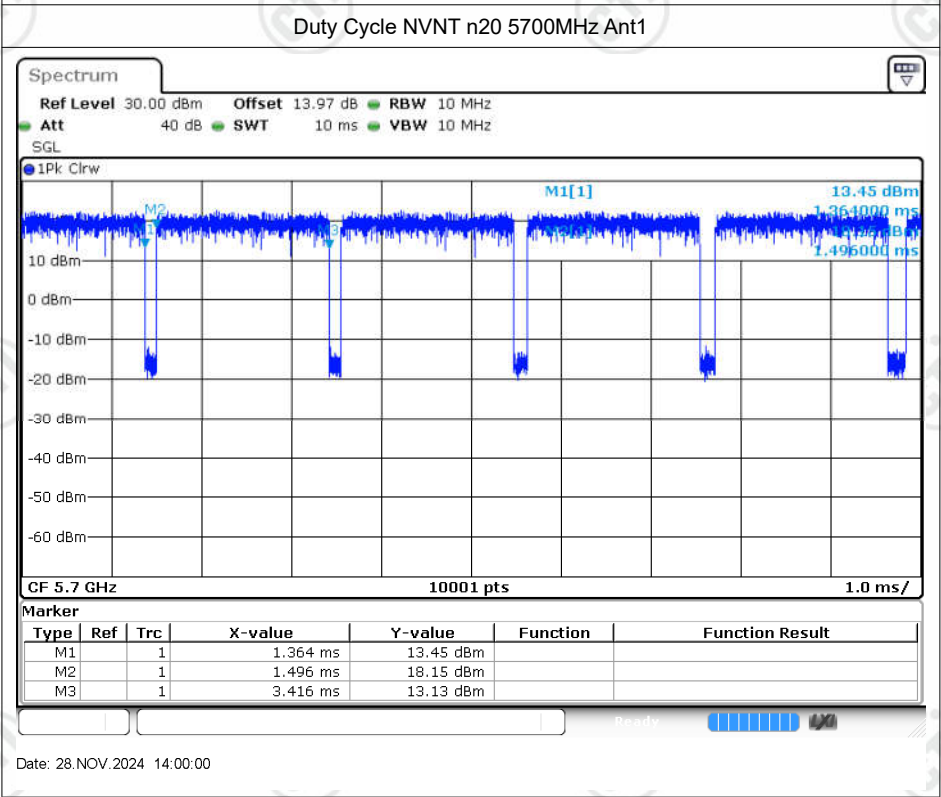
Date: 28.NOV.2024 13:54:32



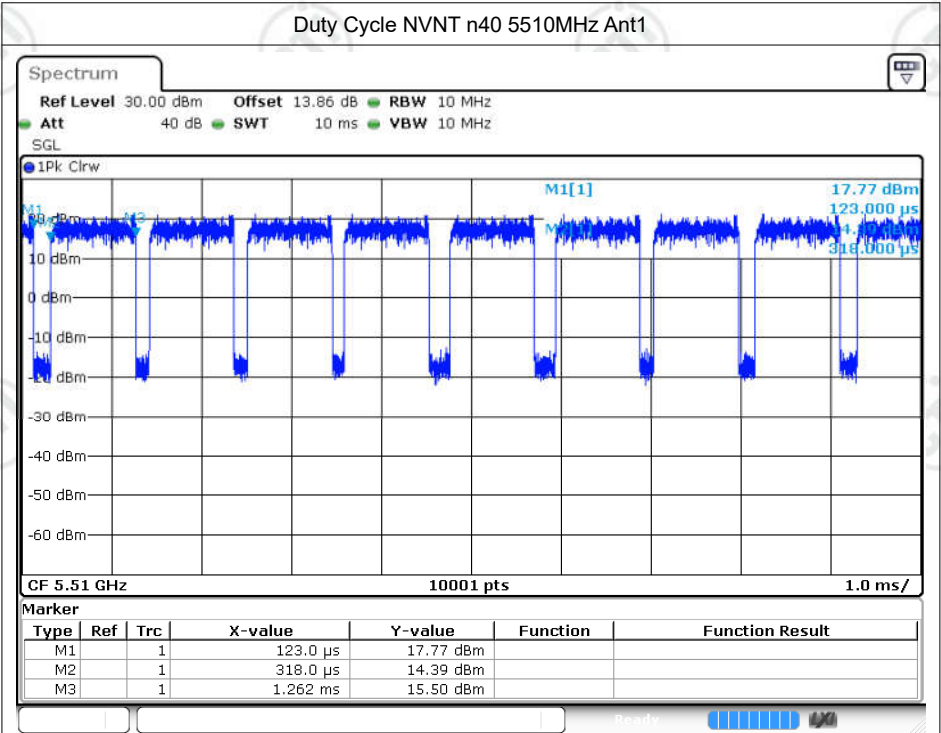
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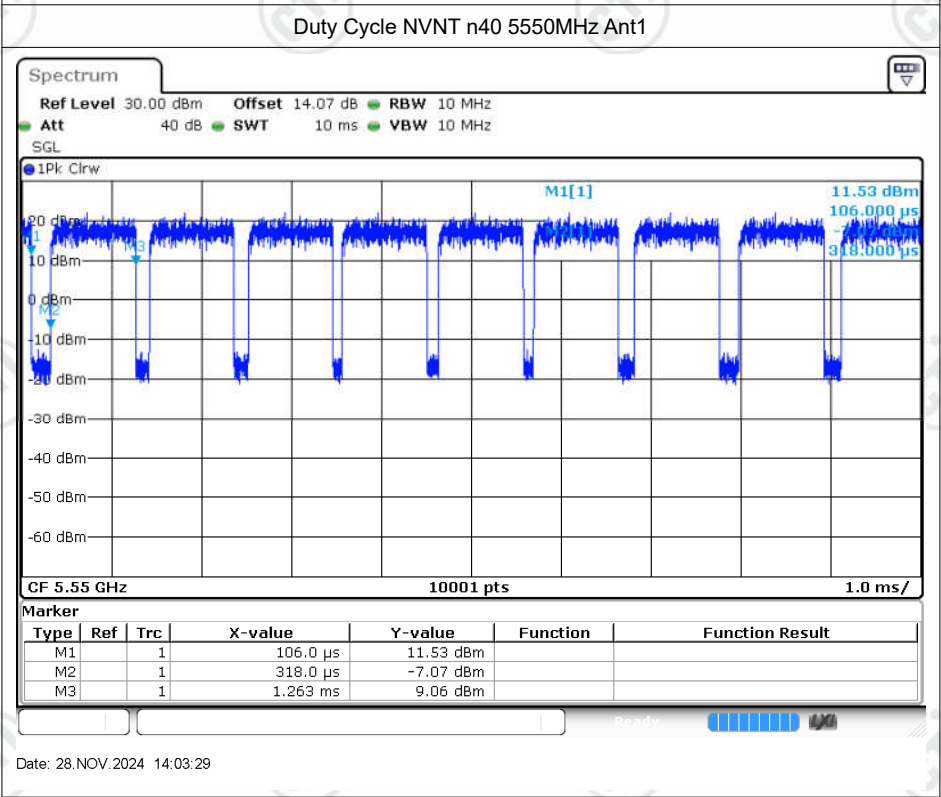
Date: 28.NOV.2024 13:58:26



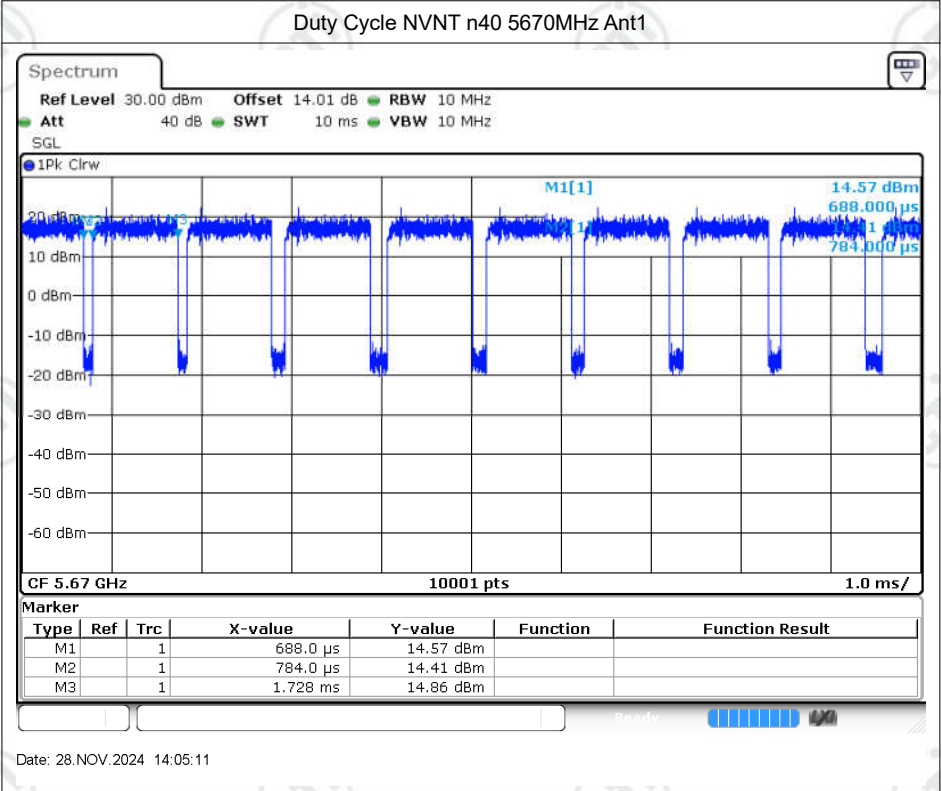
Date: 28.NOV.2024 14:00:00



Date: 28.NOV.2024 14:01:40



Date: 28.NOV.2024 14:03:29



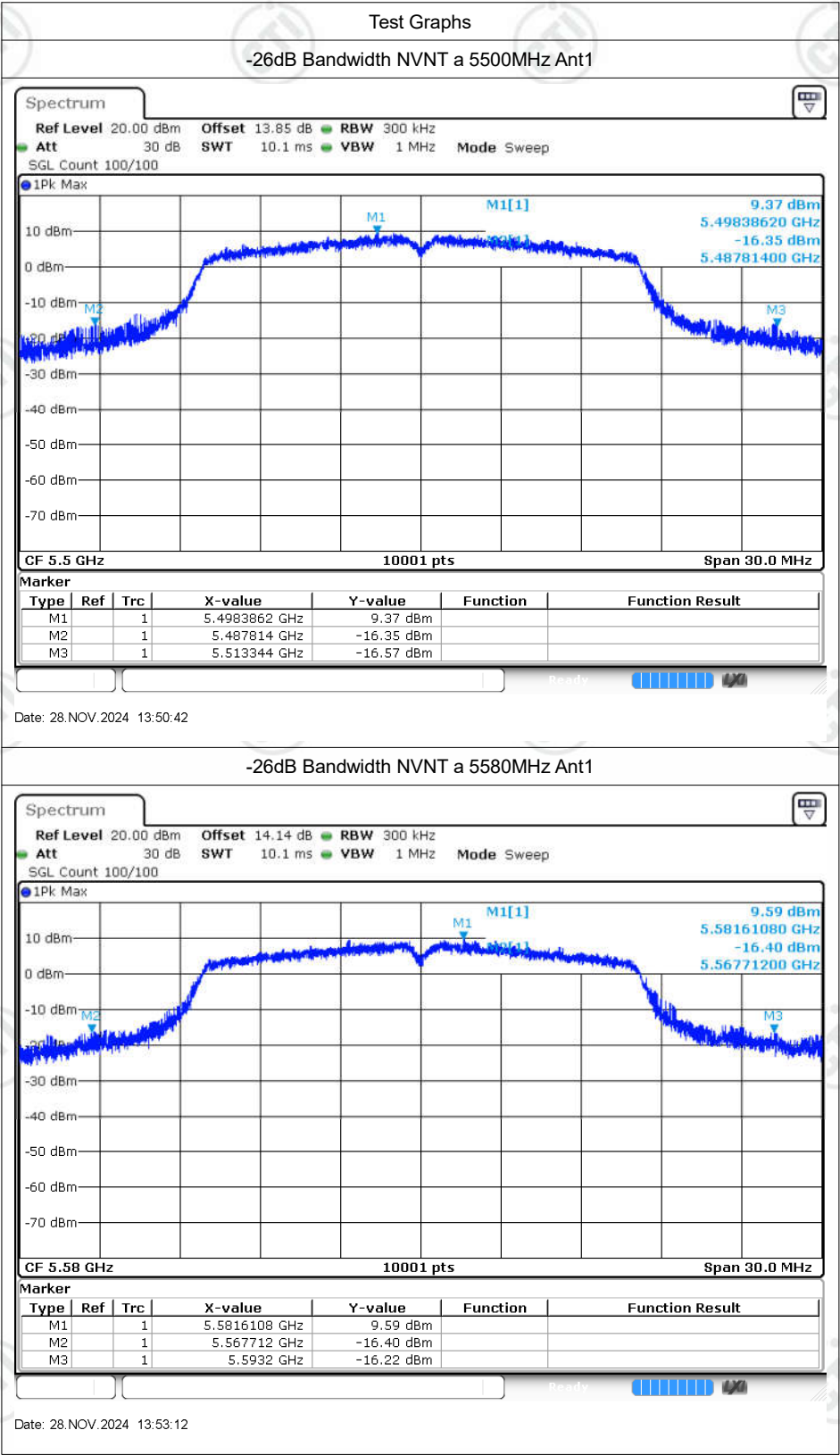
Maximum Conducted Output Power

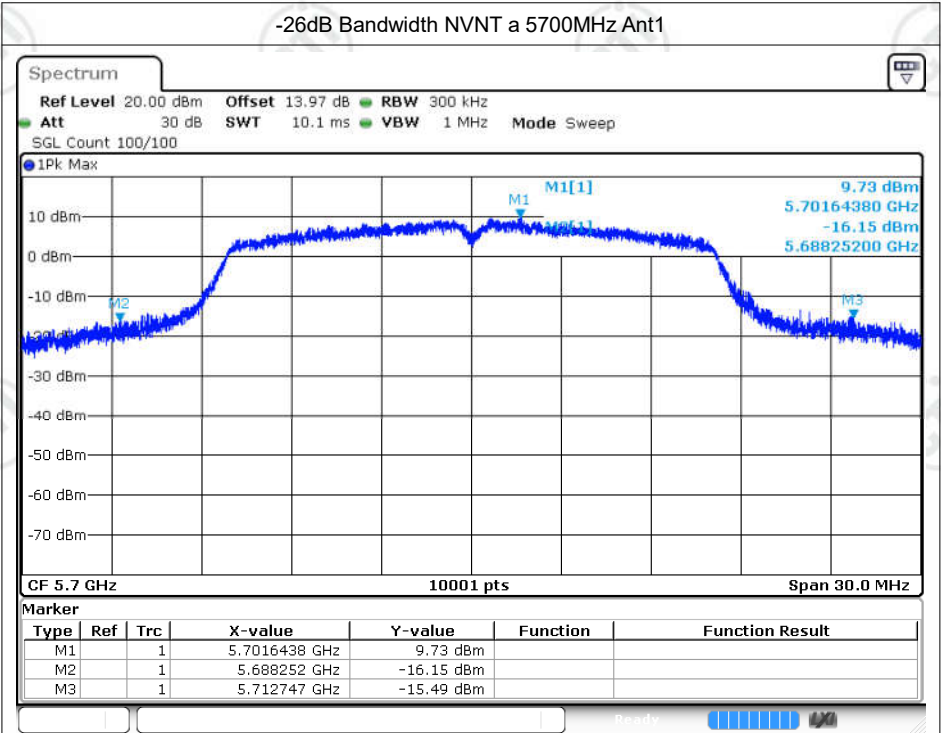
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	17.91	24	Pass
NVNT	a	5580	Ant1	18.02	24	Pass
NVNT	a	5700	Ant1	18.19	24	Pass
NVNT	n20	5500	Ant1	16.76	24	Pass
NVNT	n20	5580	Ant1	16.85	24	Pass
NVNT	n20	5700	Ant1	17.12	24	Pass
NVNT	n40	5510	Ant1	16.80	24	Pass
NVNT	n40	5550	Ant1	16.43	24	Pass
NVNT	n40	5670	Ant1	17.12	24	Pass

Note: The test data has been added Duty Cycle Correction Factor (dB);

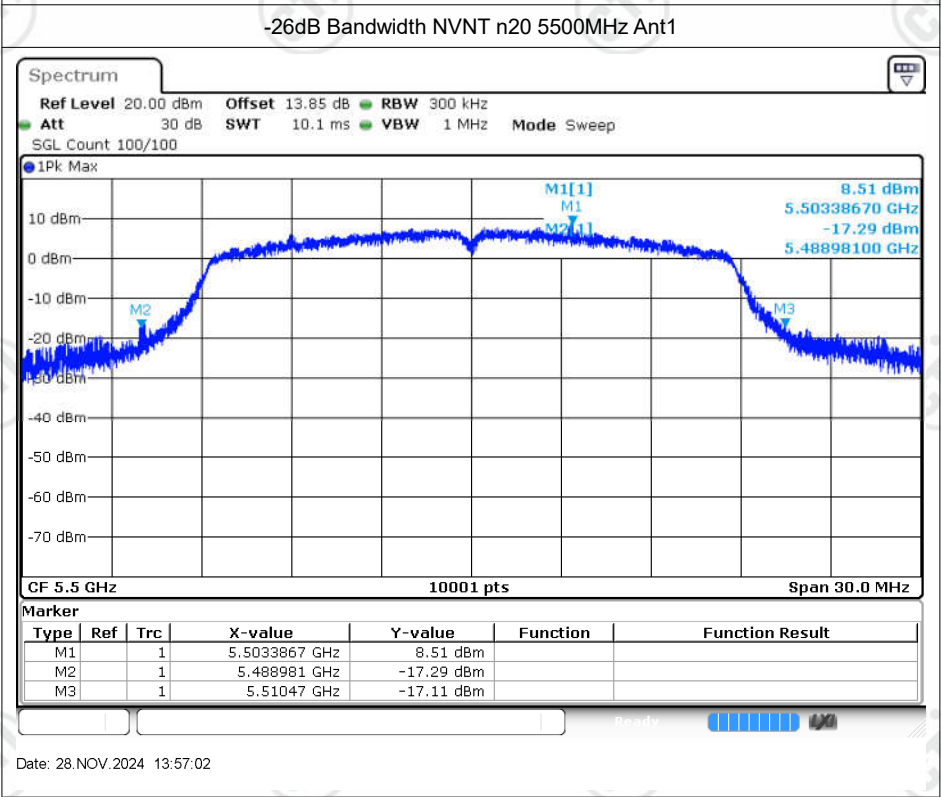
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5500	Ant1	25.53	0.5	Pass
NVNT	a	5580	Ant1	25.488	0.5	Pass
NVNT	a	5700	Ant1	24.495	0.5	Pass
NVNT	n20	5500	Ant1	21.489	0.5	Pass
NVNT	n20	5580	Ant1	21.384	0.5	Pass
NVNT	n20	5700	Ant1	23.652	0.5	Pass
NVNT	n40	5510	Ant1	38.022	0.5	Pass
NVNT	n40	5550	Ant1	37.932	0.5	Pass
NVNT	n40	5670	Ant1	45.024	0.5	Pass

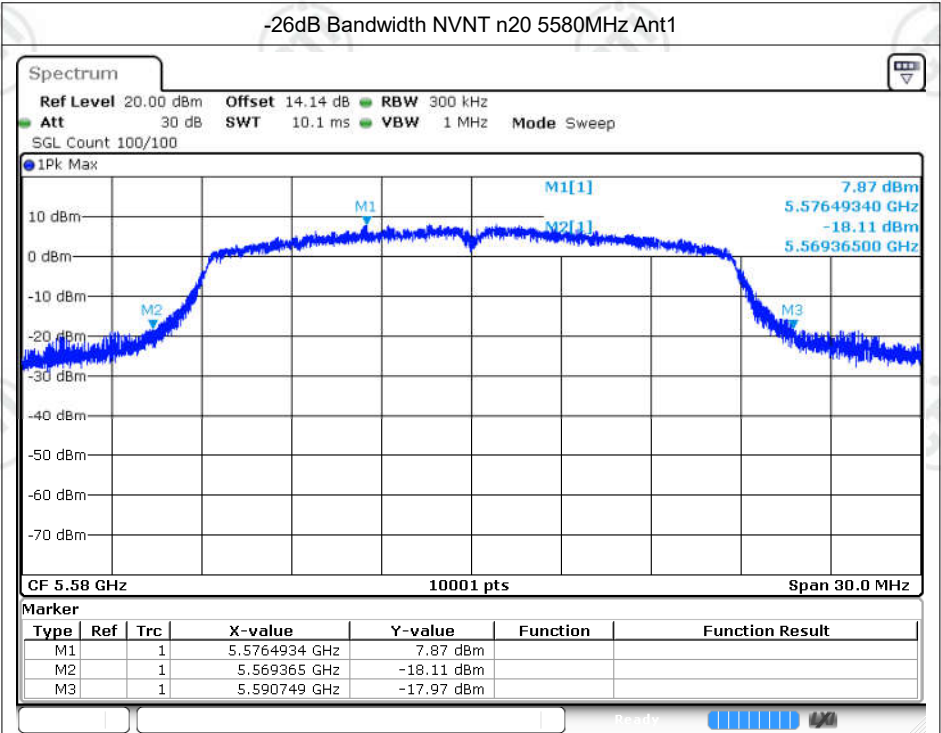




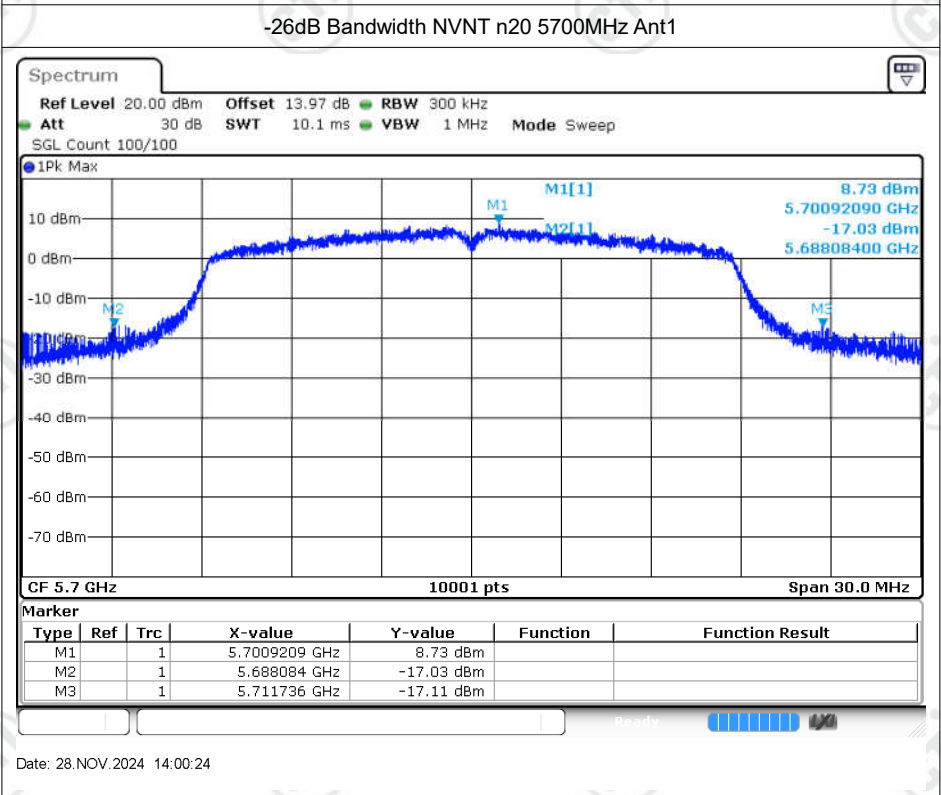
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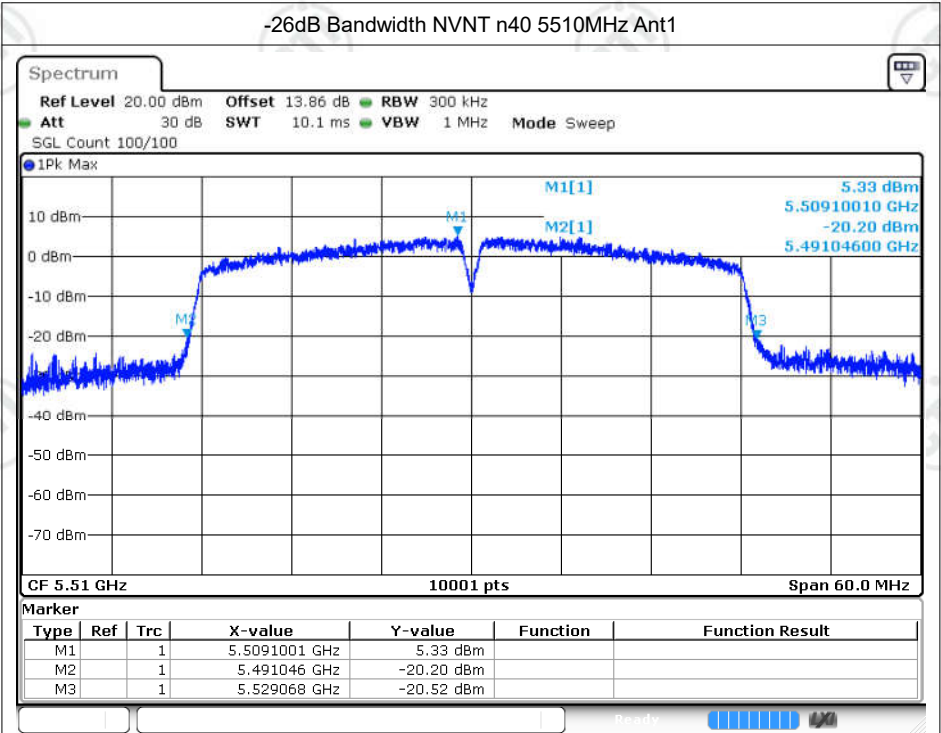
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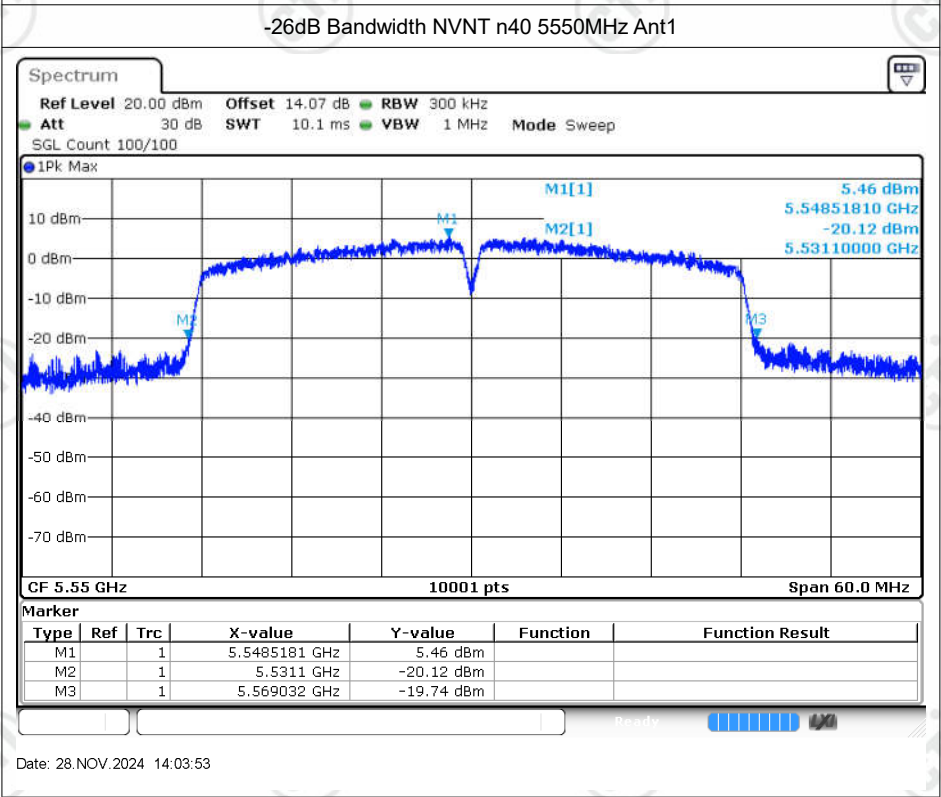
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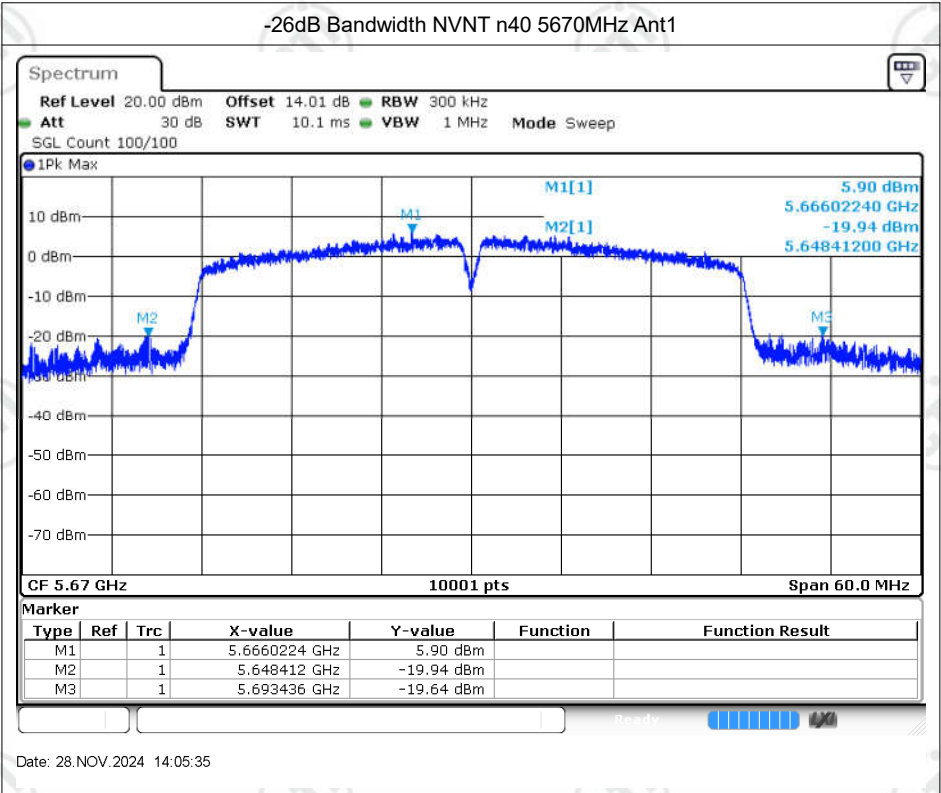
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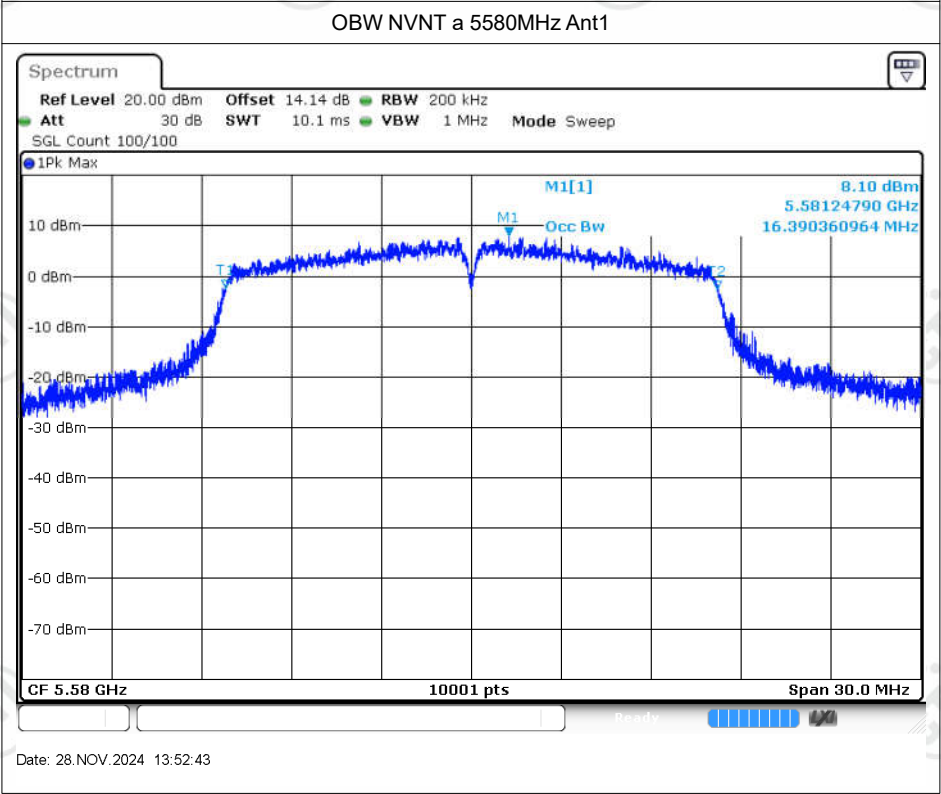
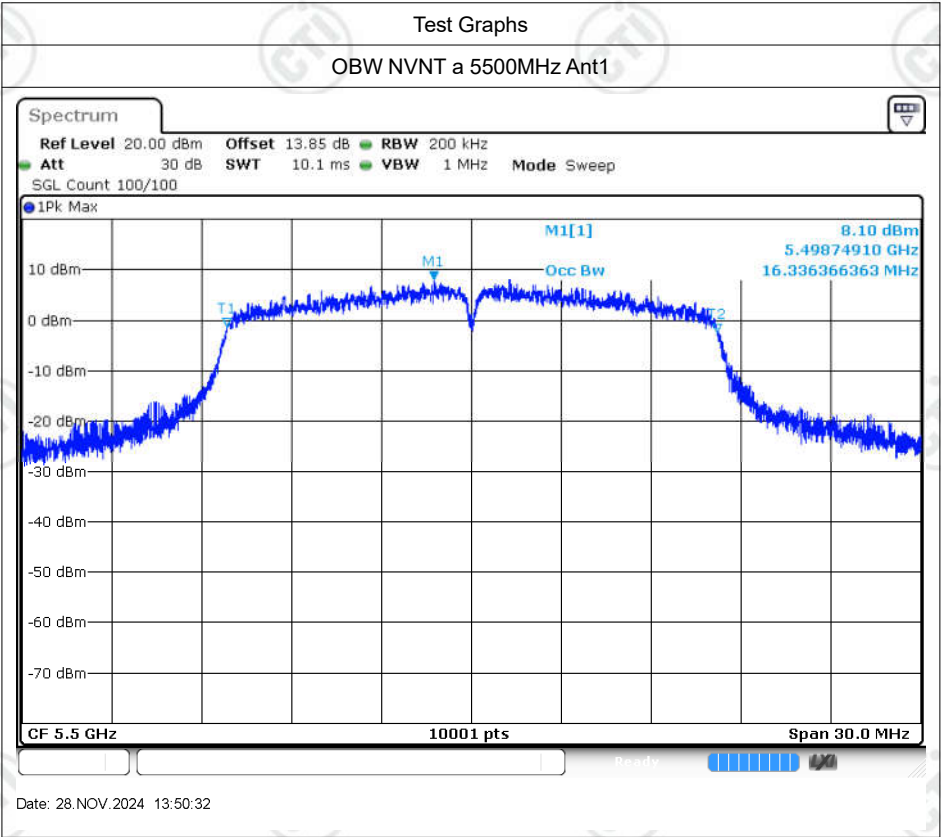


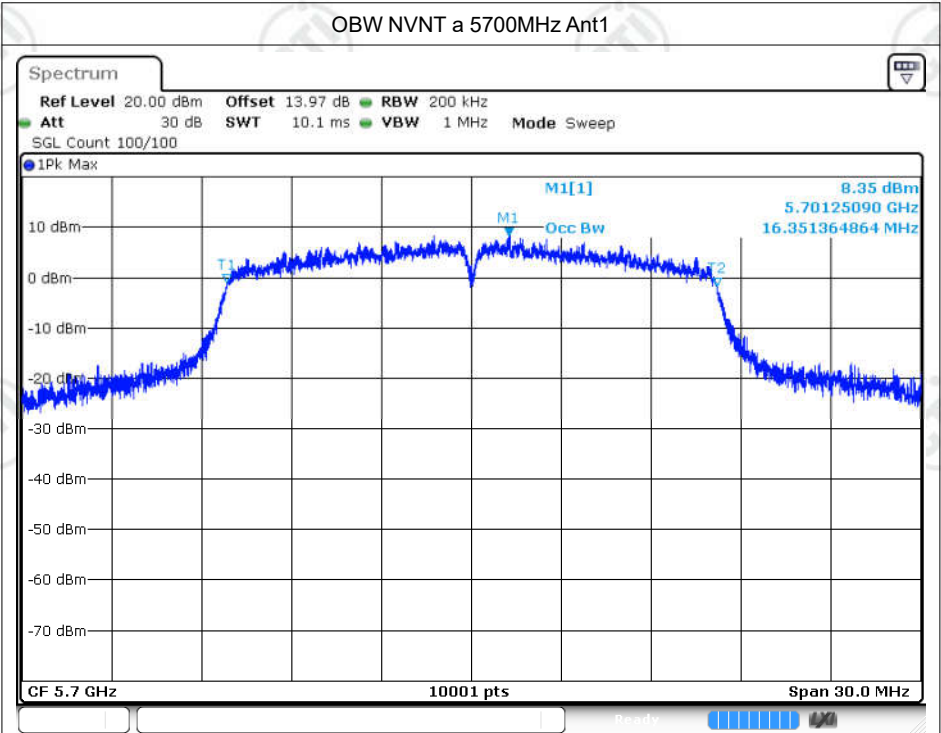
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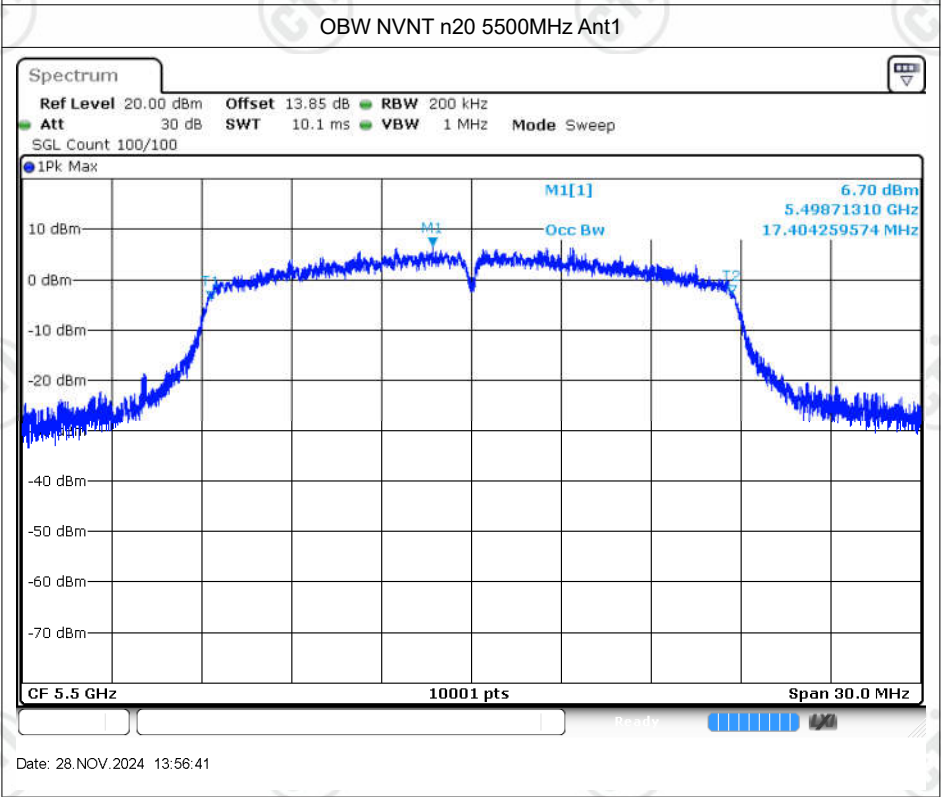
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5500	Ant1	16.336
NVNT	a	5580	Ant1	16.39
NVNT	a	5700	Ant1	16.351
NVNT	n20	5500	Ant1	17.404
NVNT	n20	5580	Ant1	17.428
NVNT	n20	5700	Ant1	17.431
NVNT	n40	5510	Ant1	35.432
NVNT	n40	5550	Ant1	35.384
NVNT	n40	5670	Ant1	35.486

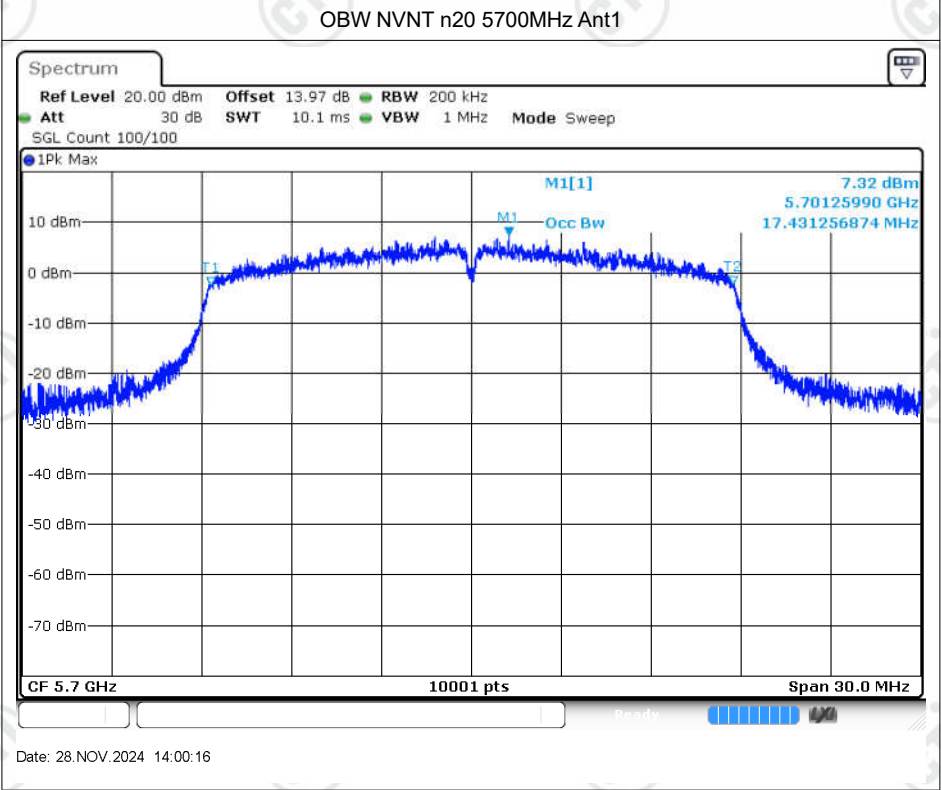
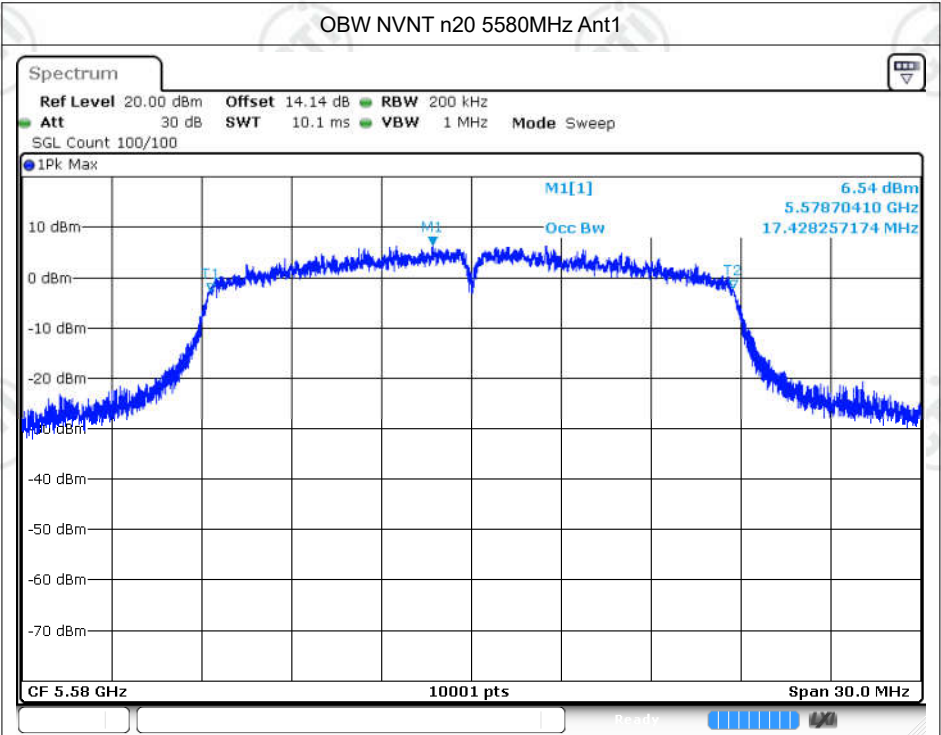


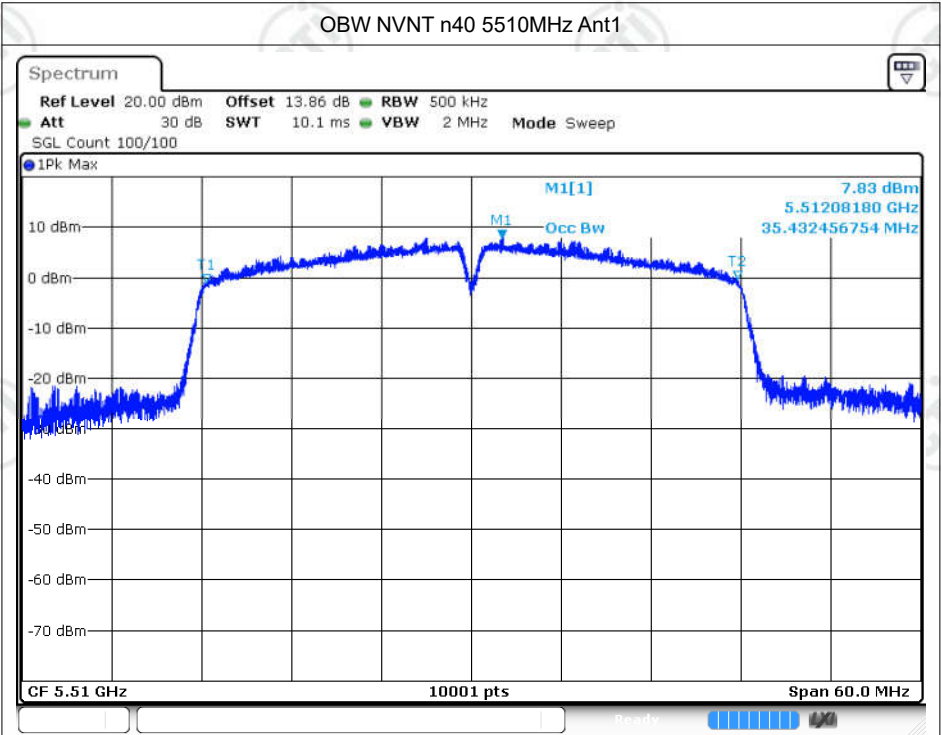


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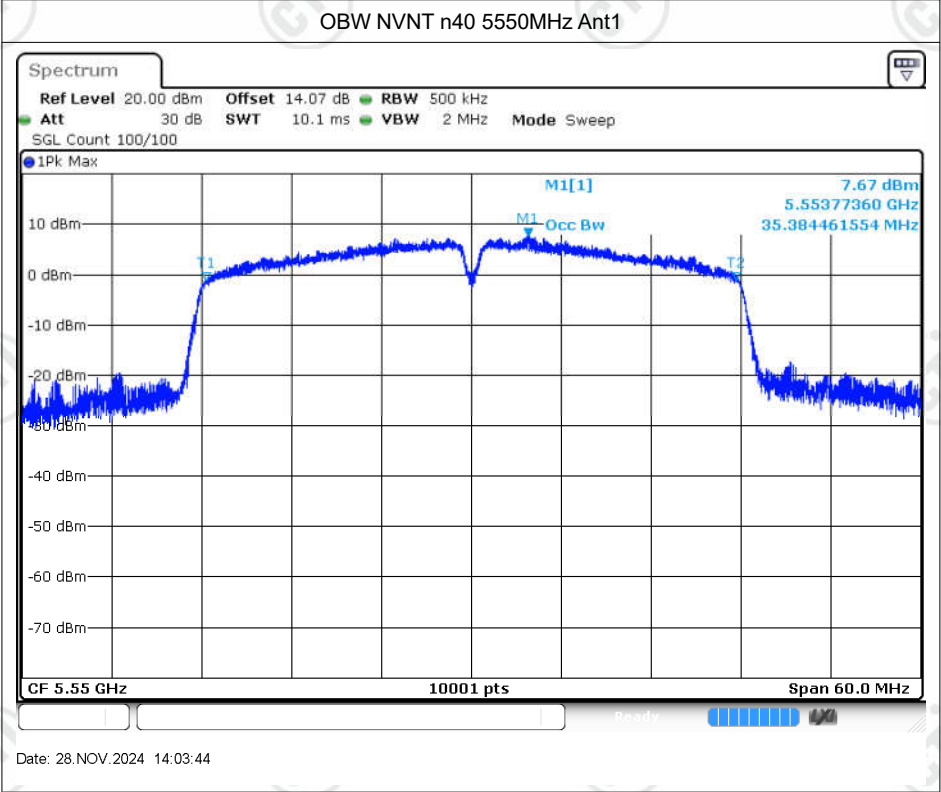


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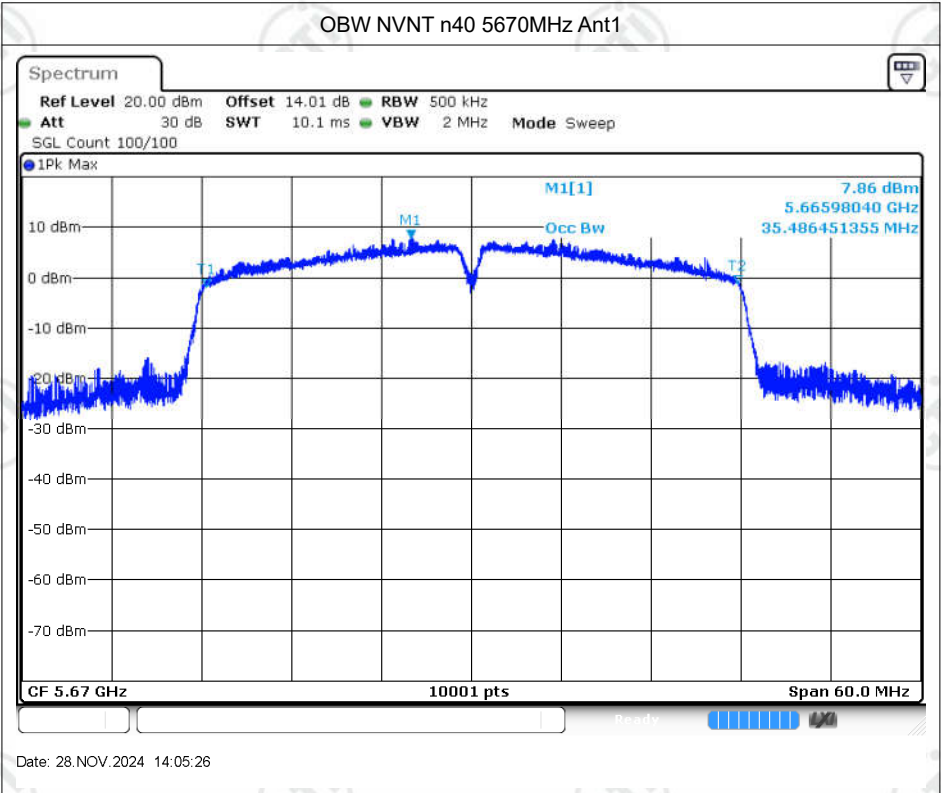




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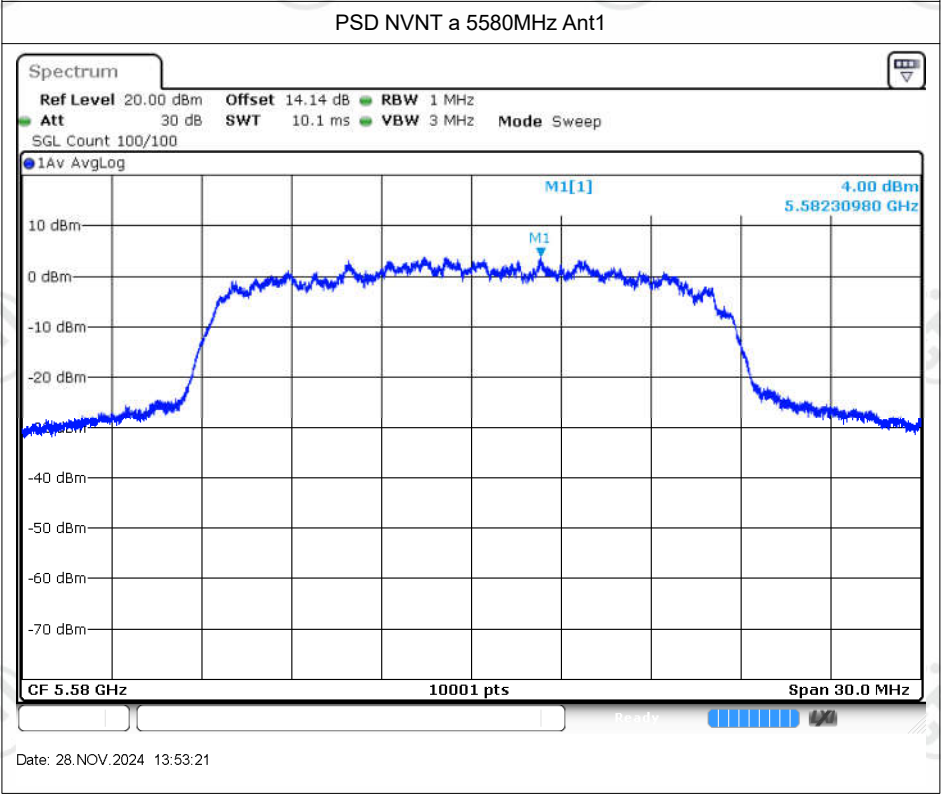
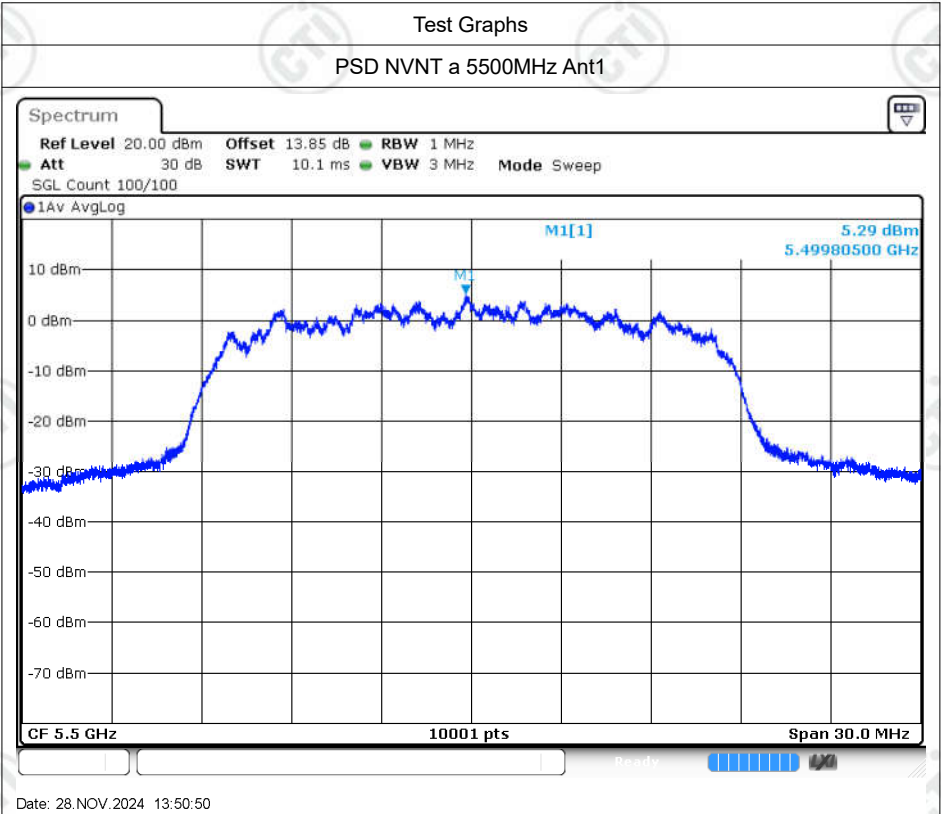
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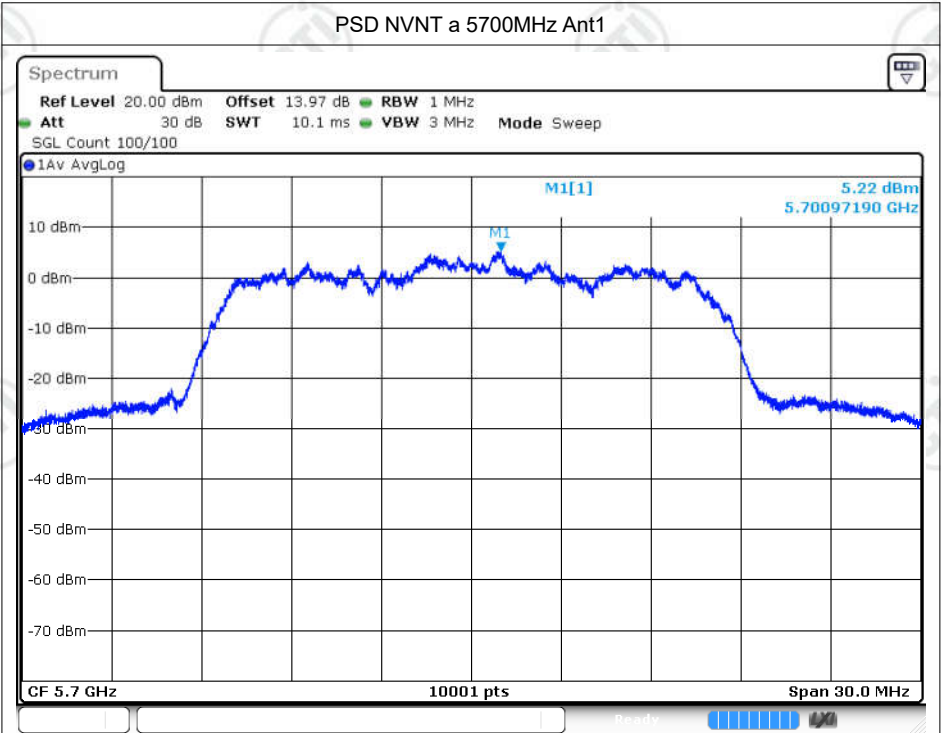


Maximum Power Spectral Density Level

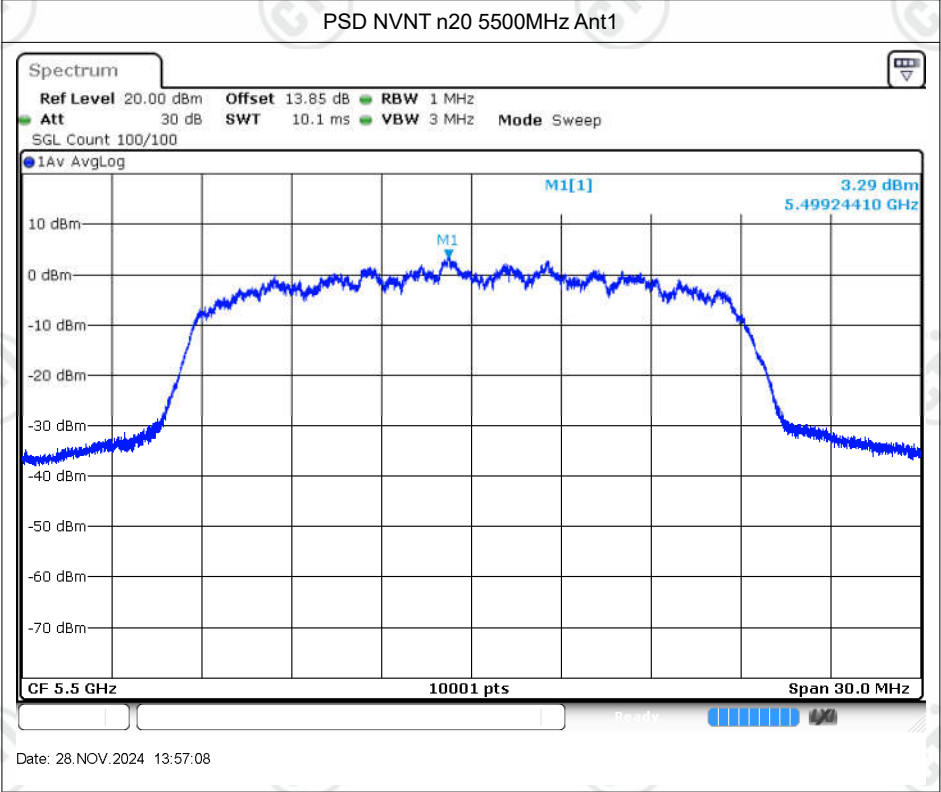
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	5.29	0.2	5.49	11	Pass
NVNT	a	5580	Ant1	4	0.2	4.2	11	Pass
NVNT	a	5700	Ant1	5.22	0.22	5.44	11	Pass
NVNT	n20	5500	Ant1	3.29	0.25	3.54	11	Pass
NVNT	n20	5580	Ant1	3.16	0.33	3.49	11	Pass
NVNT	n20	5700	Ant1	3.03	0.29	3.32	11	Pass
NVNT	n40	5510	Ant1	-2.22	0.82	-1.4	11	Pass
NVNT	n40	5550	Ant1	-1.71	0.88	-0.83	11	Pass
NVNT	n40	5670	Ant1	-2.3	0.42	-1.88	11	Pass

Note:The test data has been added Duty Cycle Correction Factor (dB);

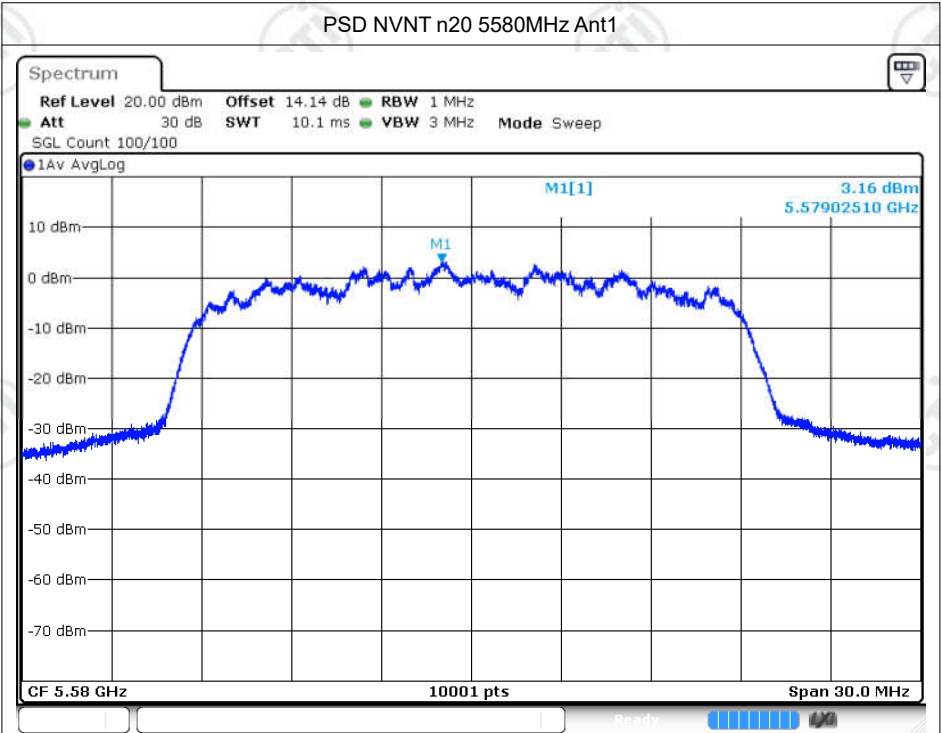




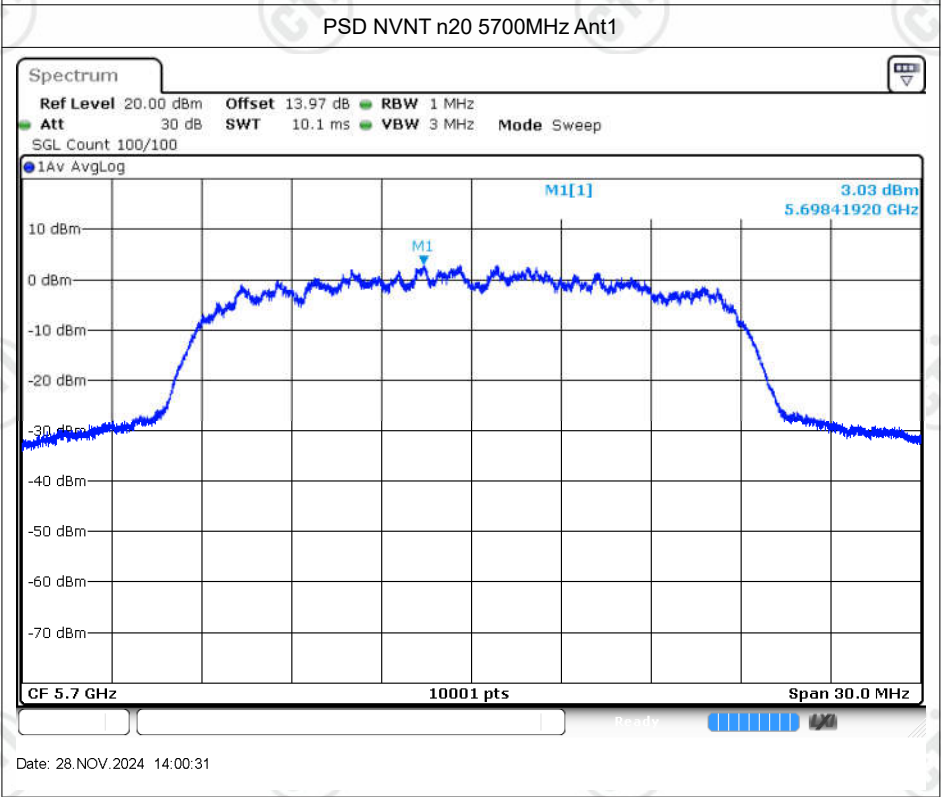
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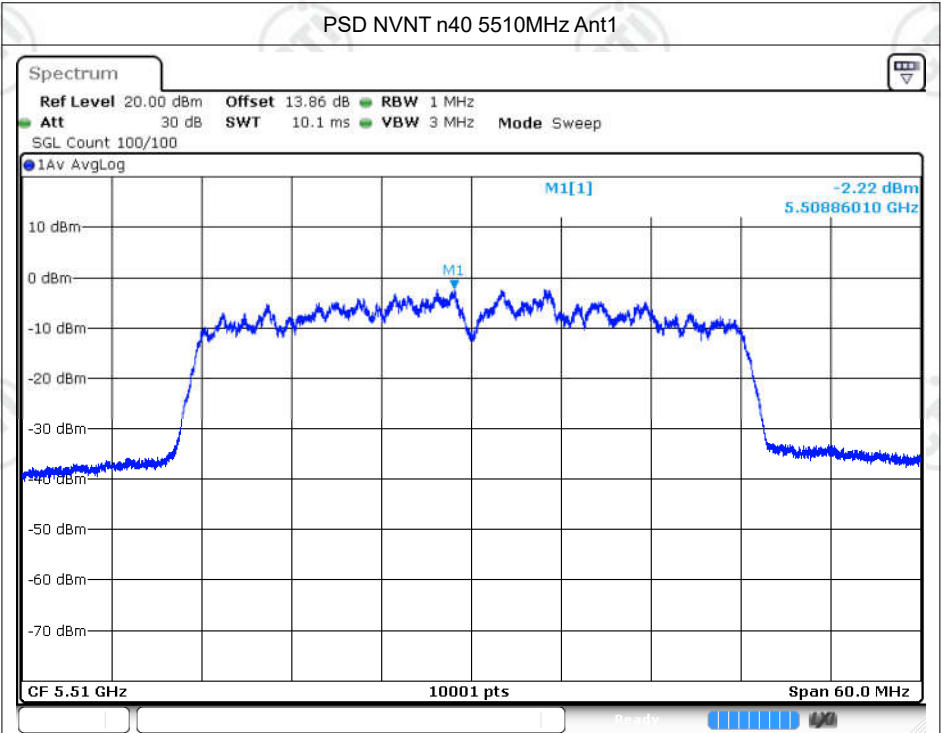
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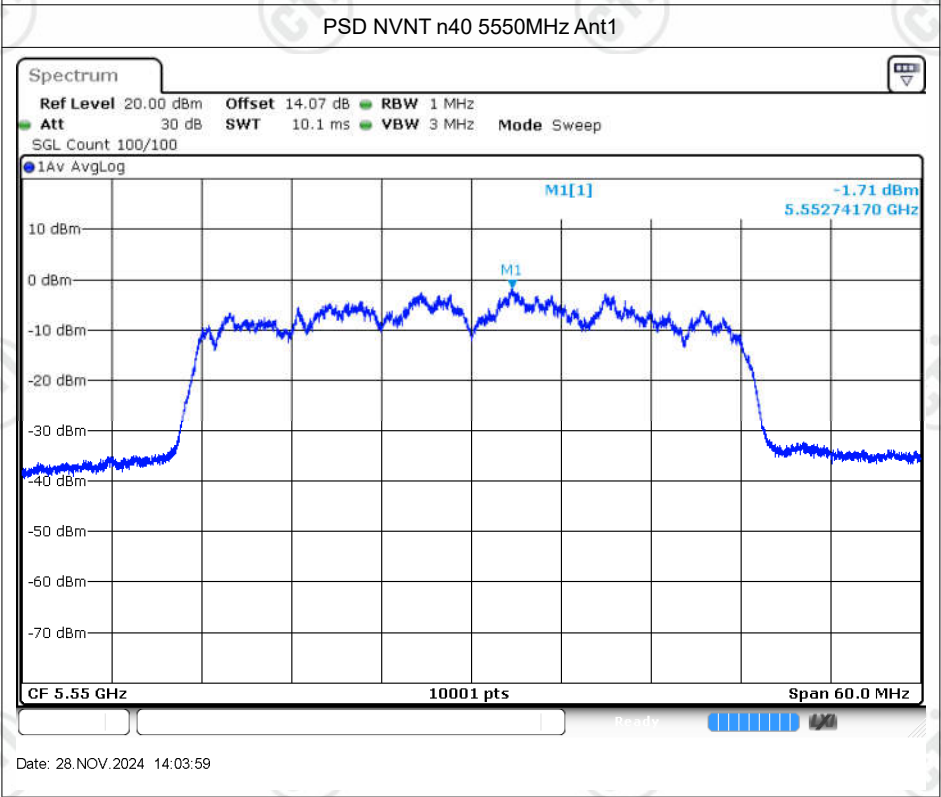
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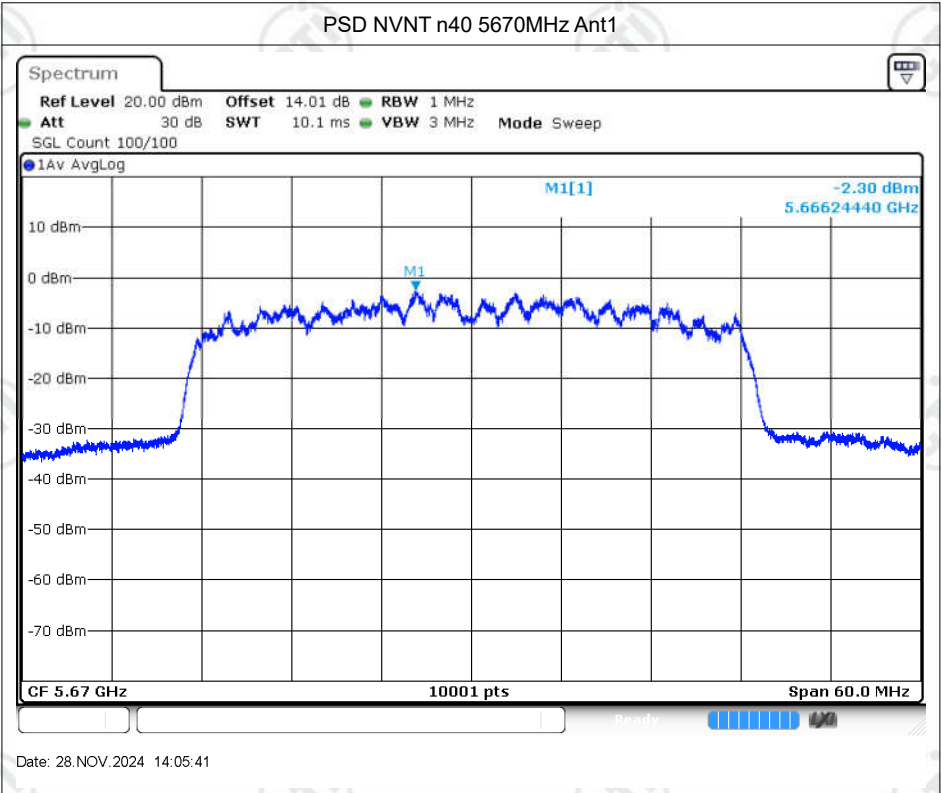
Date: 28.NOV.2024 14:00:31



Date: 28.NOV.2024 14:02:16



Date: 28.NOV.2024 14:03:59



Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 102V	a	5500	Ant1	5500.02	20000	3.64	25	Pass
20C 120V	a	5500	Ant1	5499.96	-40000	-7.27	25	Pass
20C 138V	a	5500	Ant1	5500	0	0	25	Pass
-20C 120V	a	5500	Ant1	5499.94	-60000	-10.91	25	Pass
-10C 120V	a	5500	Ant1	5499.98	-20000	-3.64	25	Pass
0C 120V	a	5500	Ant1	5500.02	20000	3.64	25	Pass
10C 120V	a	5500	Ant1	5500.02	20000	3.64	25	Pass
30C 120V	a	5500	Ant1	5499.98	-20000	-3.64	25	Pass
40C 120V	a	5500	Ant1	5500.02	20000	3.64	25	Pass
50C 120V	a	5500	Ant1	5500.02	20000	3.64	25	Pass
20C 102V	a	5580	Ant1	5579.96	-40000	-7.17	25	Pass
20C 120V	a	5580	Ant1	5580	0	0	25	Pass
20C 138V	a	5580	Ant1	5580.02	20000	3.58	25	Pass
-20C 120V	a	5580	Ant1	5580.06	60000	10.75	25	Pass
-10C 120V	a	5580	Ant1	5580	0	0	25	Pass
0C 120V	a	5580	Ant1	5580	0	0	25	Pass
10C 120V	a	5580	Ant1	5579.98	-20000	-3.58	25	Pass
30C 120V	a	5580	Ant1	5580.02	20000	3.58	25	Pass
40C 120V	a	5580	Ant1	5579.96	-40000	-7.17	25	Pass
50C 120V	a	5580	Ant1	5579.96	-40000	-7.17	25	Pass
20C 102V	a	5700	Ant1	5700	0	0	25	Pass
20C 120V	a	5700	Ant1	5700	0	0	25	Pass
20C 138V	a	5700	Ant1	5699.96	-40000	-7.02	25	Pass
-20C 120V	a	5700	Ant1	5700	0	0	25	Pass
-10C 120V	a	5700	Ant1	5699.96	-40000	-7.02	25	Pass
0C 120V	a	5700	Ant1	5700	0	0	25	Pass
10C 120V	a	5700	Ant1	5700	0	0	25	Pass
30C 120V	a	5700	Ant1	5700.02	20000	3.51	25	Pass
40C 120V	a	5700	Ant1	5700	0	0	25	Pass
50C 120V	a	5700	Ant1	5699.96	-40000	-7.02	25	Pass
20C 102V	n20	5500	Ant1	5500	0	0	25	Pass
20C 120V	n20	5500	Ant1	5500	0	0	25	Pass
20C 138V	n20	5500	Ant1	5500	0	0	25	Pass
-20C 120V	n20	5500	Ant1	5500.02	20000	3.64	25	Pass
-10C 120V	n20	5500	Ant1	5499.98	-20000	-3.64	25	Pass
0C 120V	n20	5500	Ant1	5499.98	-20000	-3.64	25	Pass
10C 120V	n20	5500	Ant1	5500.02	20000	3.64	25	Pass

30C 120V	n20	5500	Ant1	5500	0	0	25	Pass
40C 120V	n20	5500	Ant1	5500.02	20000	3.64	25	Pass
50C 120V	n20	5500	Ant1	5500.02	20000	3.64	25	Pass
20C 102V	n20	5580	Ant1	5579.98	-20000	-3.58	25	Pass
20C 120V	n20	5580	Ant1	5580.02	20000	3.58	25	Pass
20C 138V	n20	5580	Ant1	5579.98	-20000	-3.58	25	Pass
-20C 120V	n20	5580	Ant1	5580.02	20000	3.58	25	Pass
-10C 120V	n20	5580	Ant1	5580.02	20000	3.58	25	Pass
0C 120V	n20	5580	Ant1	5579.98	-20000	-3.58	25	Pass
10C 120V	n20	5580	Ant1	5579.98	-20000	-3.58	25	Pass
30C 120V	n20	5580	Ant1	5579.98	-20000	-3.58	25	Pass
40C 120V	n20	5580	Ant1	5580.02	20000	3.58	25	Pass
50C 120V	n20	5580	Ant1	5579.98	-20000	-3.58	25	Pass
20C 102V	n20	5700	Ant1	5700.02	20000	3.51	25	Pass
20C 120V	n20	5700	Ant1	5700	0	0	25	Pass
20C 138V	n20	5700	Ant1	5700.16	160000	28.07	25	Pass
-20C 120V	n20	5700	Ant1	5700	0	0	25	Pass
-10C 120V	n20	5700	Ant1	5700.14	140000	24.56	25	Pass
0C 120V	n20	5700	Ant1	5700.02	20000	3.51	25	Pass
10C 120V	n20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
30C 120V	n20	5700	Ant1	5700.12	120000	21.05	25	Pass
40C 120V	n20	5700	Ant1	5700.06	60000	10.53	25	Pass
50C 120V	n20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
20C 102V	n40	5510	Ant1	5510.16	160000	29.04	25	Pass
20C 120V	n40	5510	Ant1	5510	0	0	25	Pass
20C 138V	n40	5510	Ant1	5510.04	40000	7.26	25	Pass
-20C 120V	n40	5510	Ant1	5510.16	160000	29.04	25	Pass
-10C 120V	n40	5510	Ant1	5510	0	0	25	Pass
0C 120V	n40	5510	Ant1	5509.84	-160000	-29.04	25	Pass
10C 120V	n40	5510	Ant1	5510	0	0	25	Pass
30C 120V	n40	5510	Ant1	5510	0	0	25	Pass
40C 120V	n40	5510	Ant1	5510	0	0	25	Pass
50C 120V	n40	5510	Ant1	5510	0	0	25	Pass
20C 102V	n40	5550	Ant1	5550	0	0	25	Pass
20C 120V	n40	5550	Ant1	5550	0	0	25	Pass
20C 138V	n40	5550	Ant1	5550.16	160000	28.83	25	Pass
-20C 120V	n40	5550	Ant1	5550	0	0	25	Pass
-10C 120V	n40	5550	Ant1	5550.12	120000	21.62	25	Pass
0C 120V	n40	5550	Ant1	5550	0	0	25	Pass
10C 120V	n40	5550	Ant1	5550.16	160000	28.83	25	Pass
30C 120V	n40	5550	Ant1	5549.96	-40000	-7.21	25	Pass

40C 120V	n40	5550	Ant1	5550	0	0	25	Pass
50C 120V	n40	5550	Ant1	5550	0	0	25	Pass
20C 102V	n40	5670	Ant1	5670	0	0	25	Pass
20C 120V	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
20C 138V	n40	5670	Ant1	5669.76	-240000	-42.33	25	Pass
-20C 120V	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
-10C 120V	n40	5670	Ant1	5670.04	40000	7.05	25	Pass
0C 120V	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
10C 120V	n40	5670	Ant1	5670	0	0	25	Pass
30C 120V	n40	5670	Ant1	5670.04	40000	7.05	25	Pass
40C 120V	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
50C 120V	n40	5670	Ant1	5670.04	40000	7.05	25	Pass

END OF REPORT