

Appendix: 5G Wi-Fi Band 4

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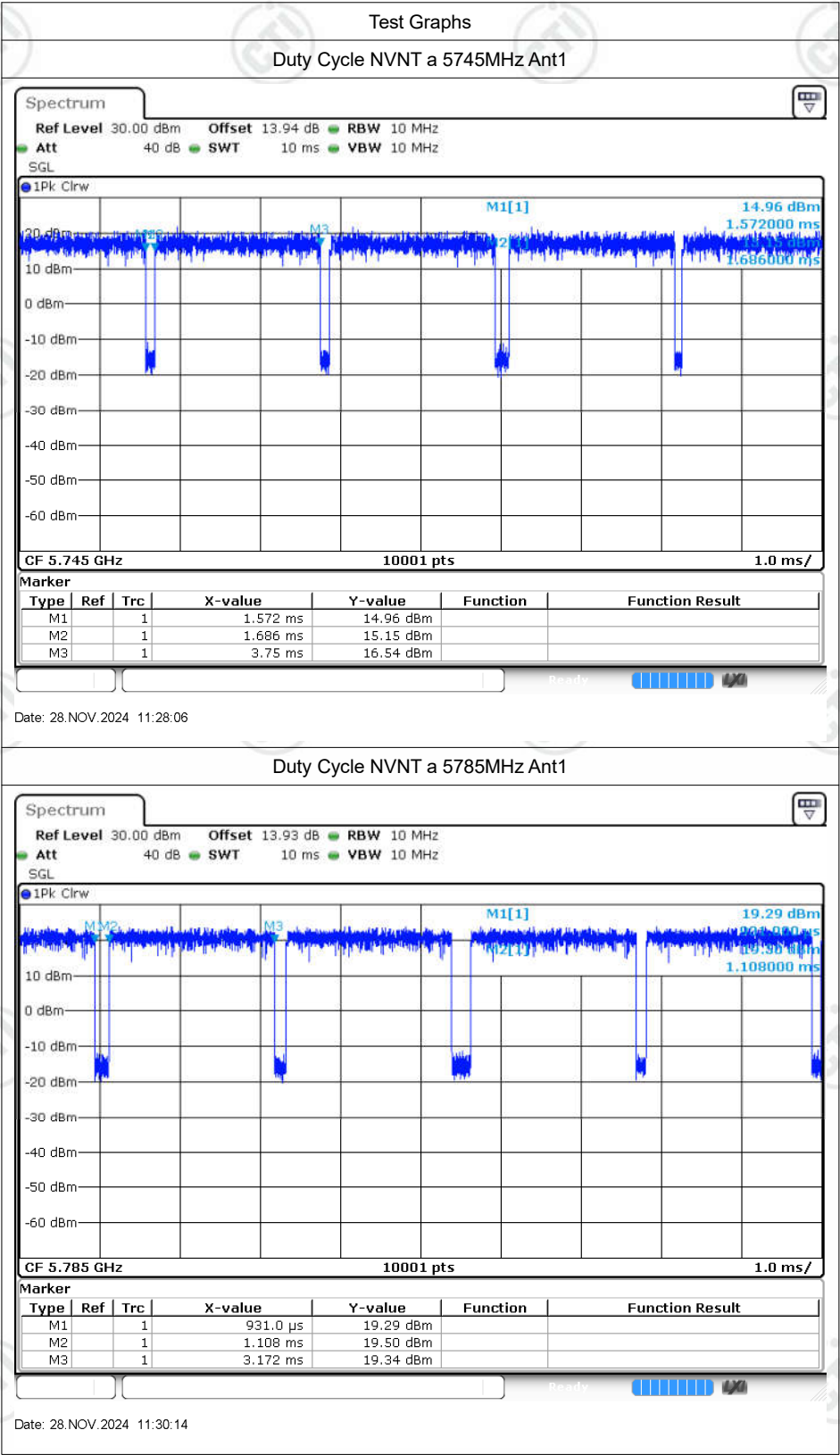
Maximum Power Spectral Density Level 19

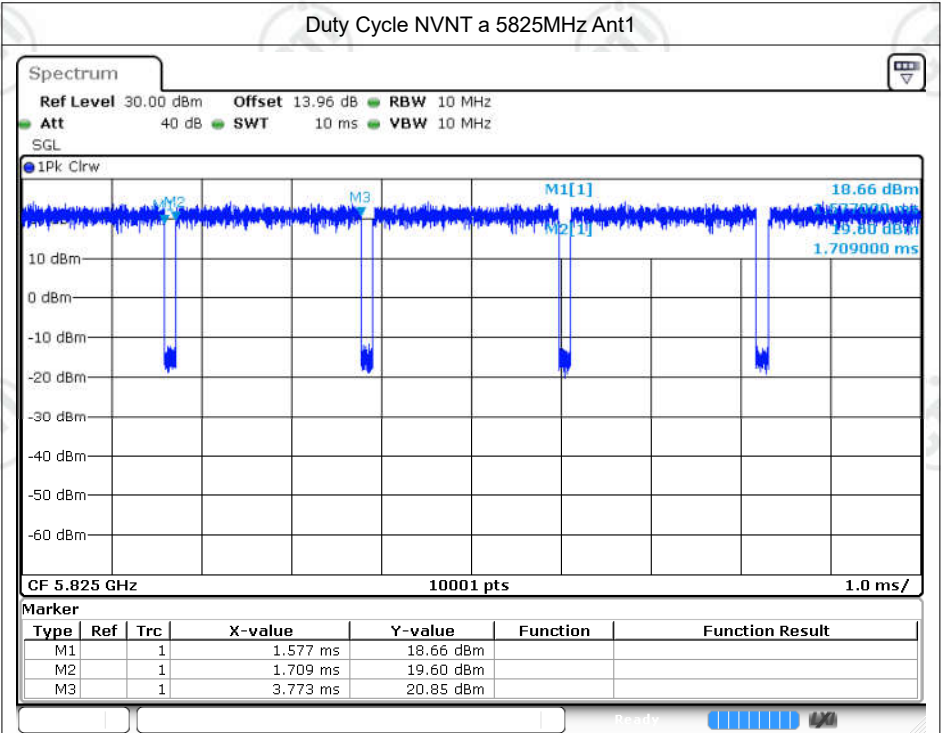
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Duty Cycle

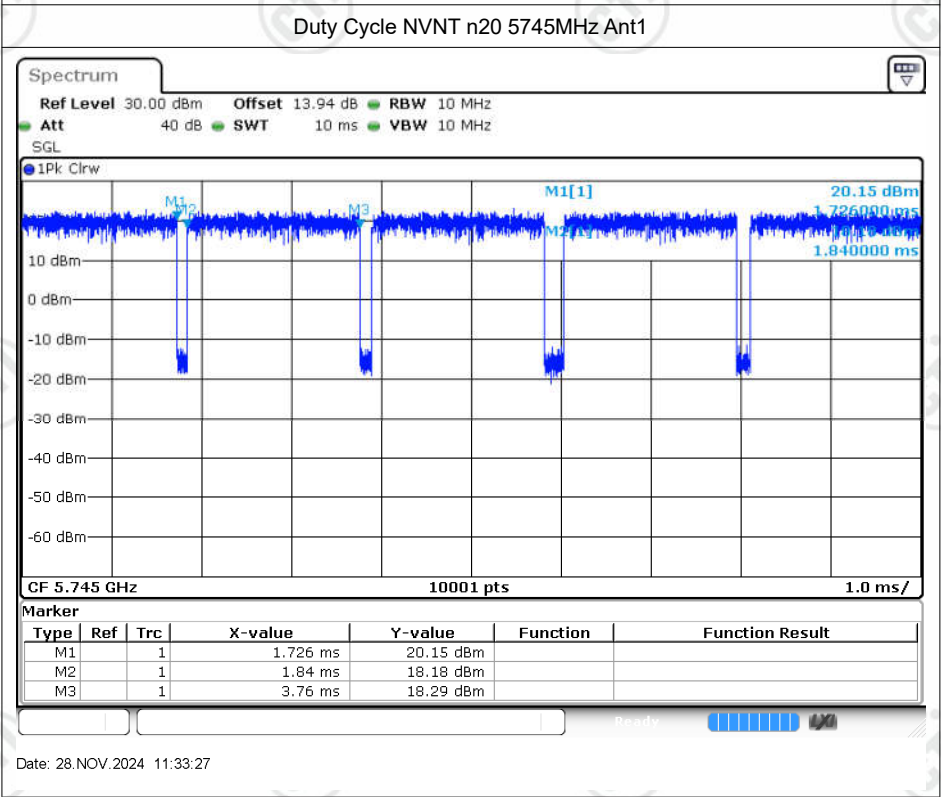
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	94.77	0.23	0.48
NVNT	a	5785	Ant1	92.1	0.36	0.48
NVNT	a	5825	Ant1	93.99	0.27	0.48
NVNT	n20	5745	Ant1	94.4	0.25	0.52
NVNT	n20	5785	Ant1	93.57	0.29	0.52
NVNT	n20	5825	Ant1	95.24	0.21	0.52
NVNT	n40	5755	Ant1	87	0.60	1.06
NVNT	n40	5795	Ant1	87.73	0.57	1.06

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

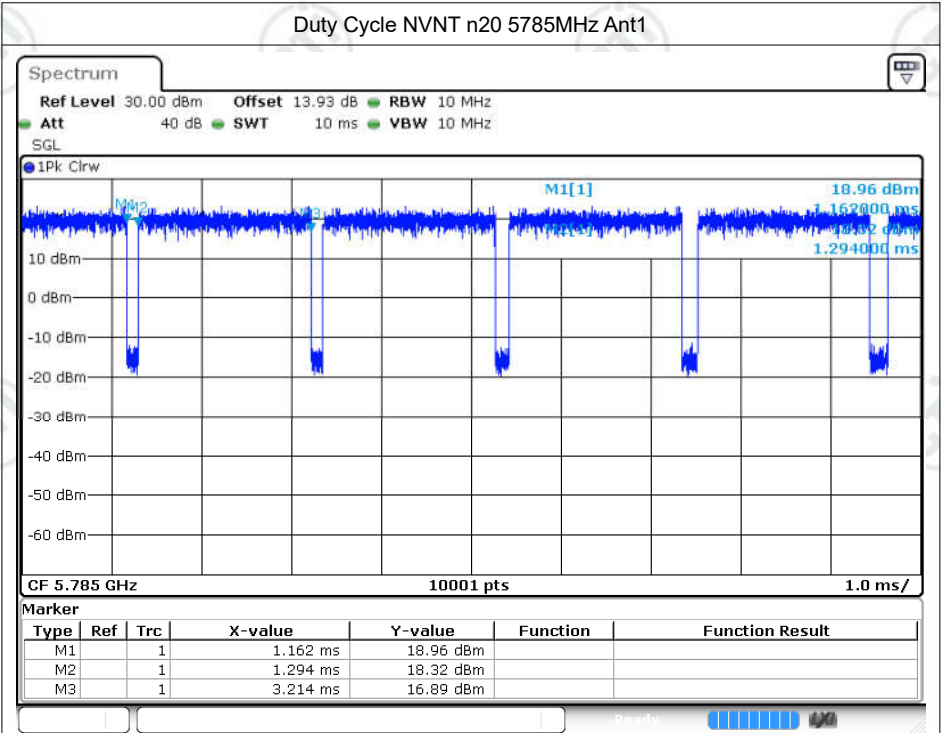




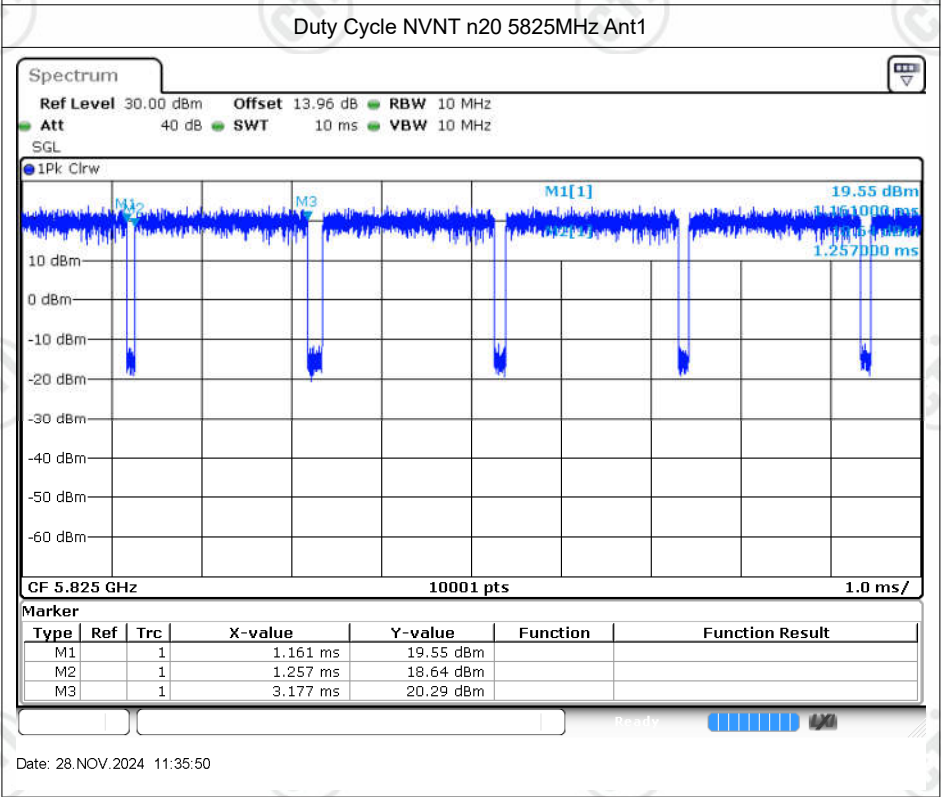
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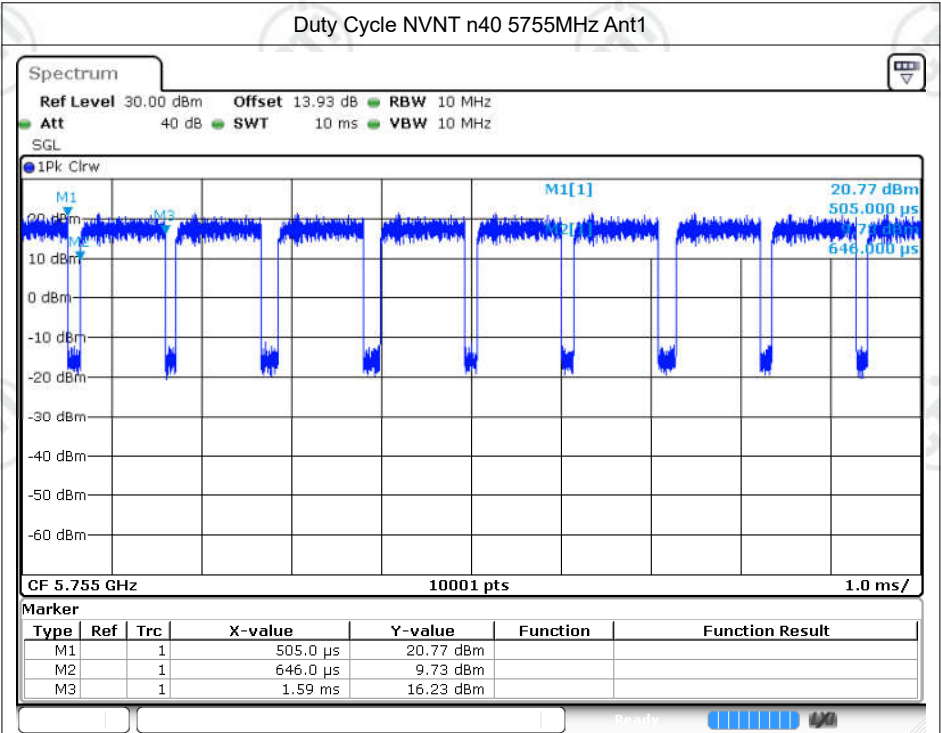
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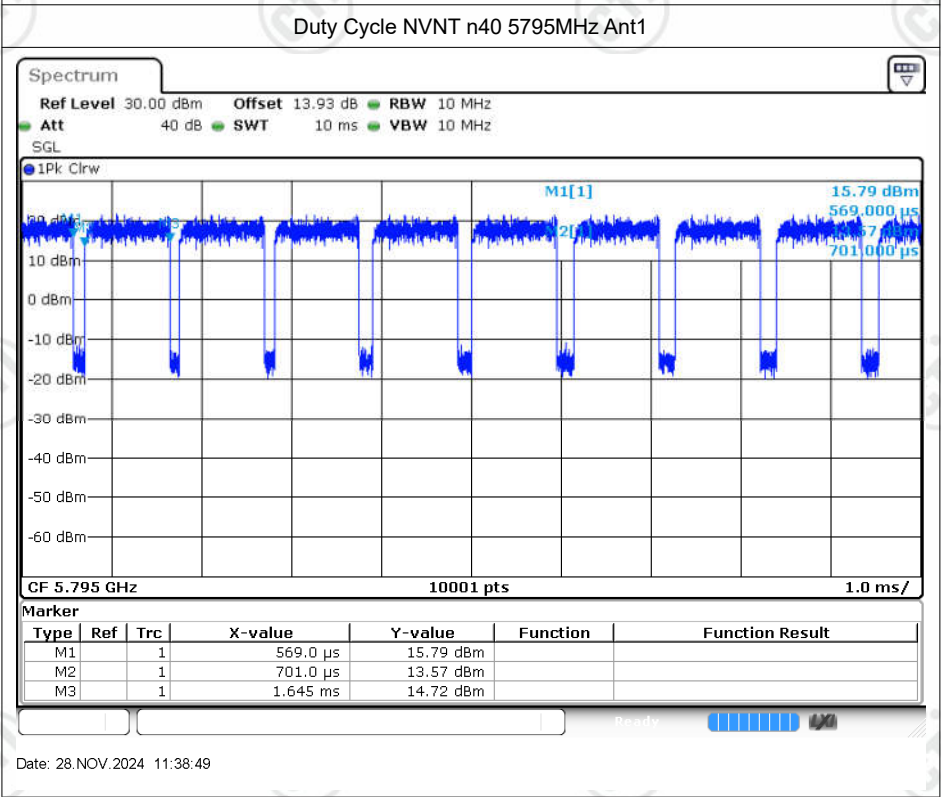
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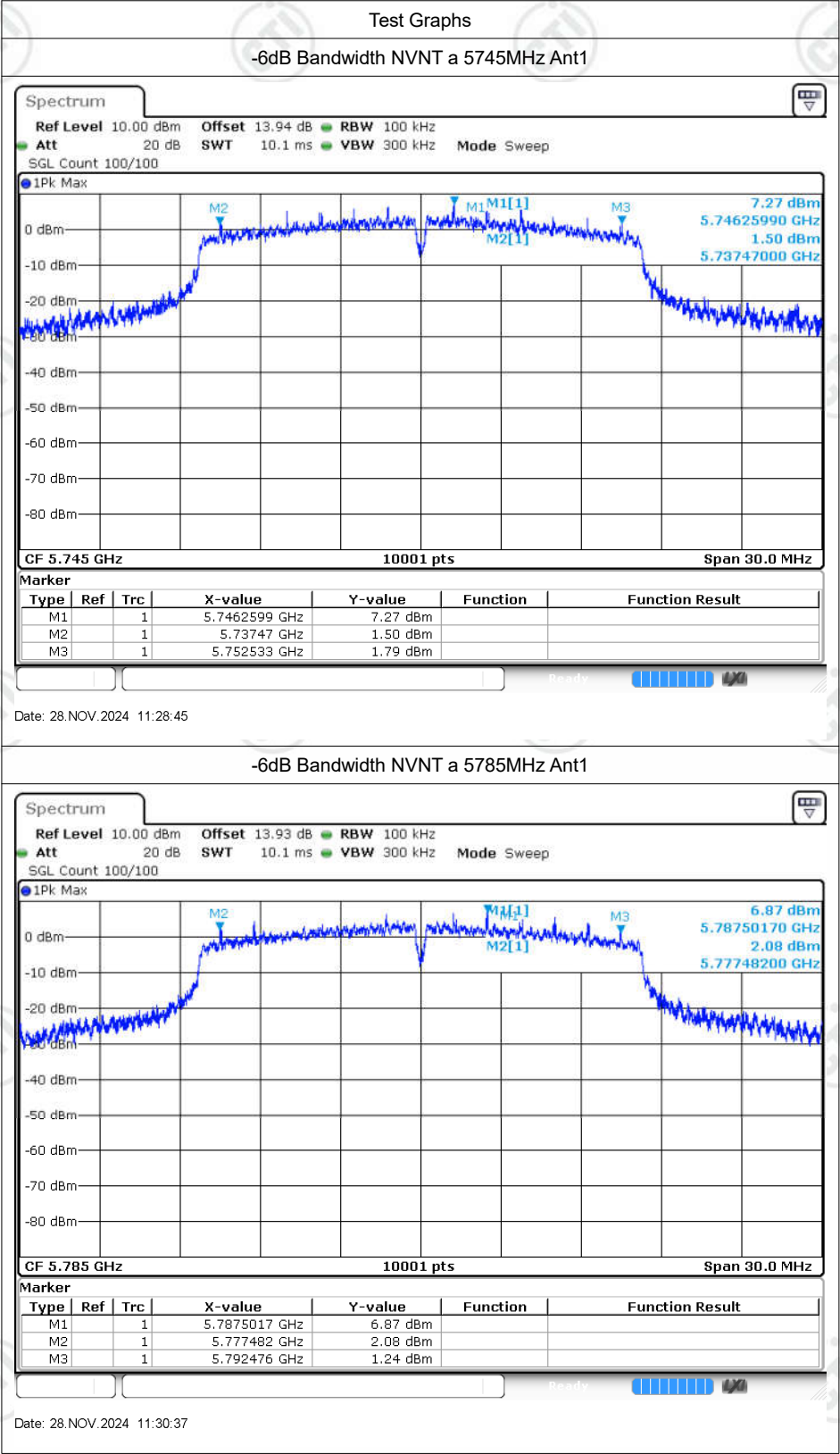
Maximum Conducted Output Power

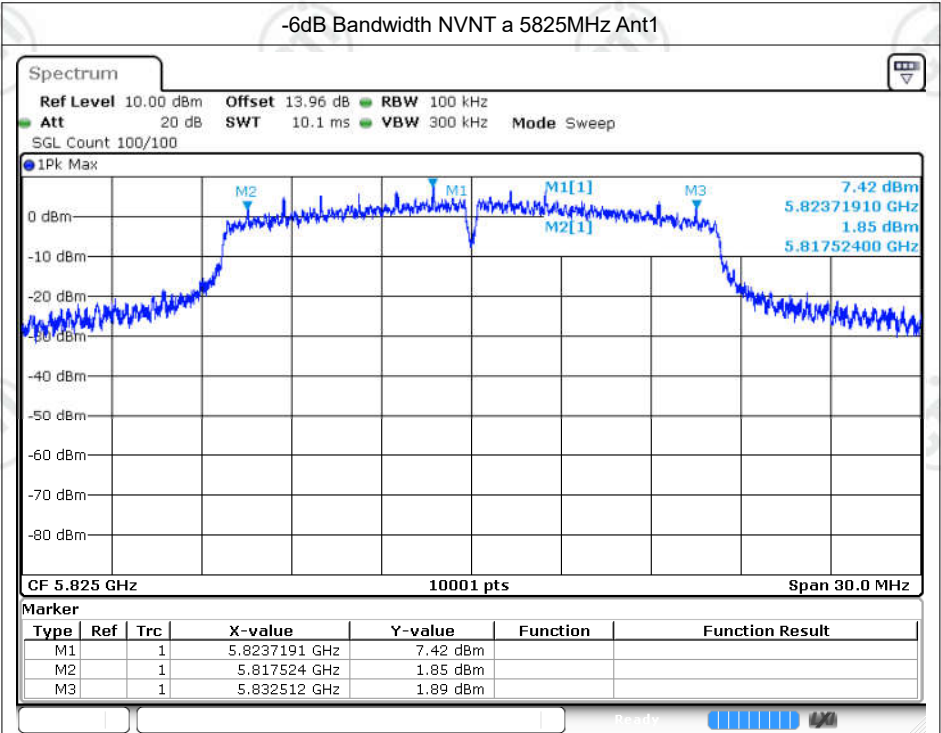
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	18.24	30	Pass
NVNT	a	5785	Ant1	18.32	30	Pass
NVNT	a	5825	Ant1	18.43	30	Pass
NVNT	n20	5745	Ant1	17.24	30	Pass
NVNT	n20	5785	Ant1	17.32	30	Pass
NVNT	n20	5825	Ant1	17.37	30	Pass
NVNT	n40	5755	Ant1	17.50	30	Pass
NVNT	n40	5795	Ant1	17.19	30	Pass

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

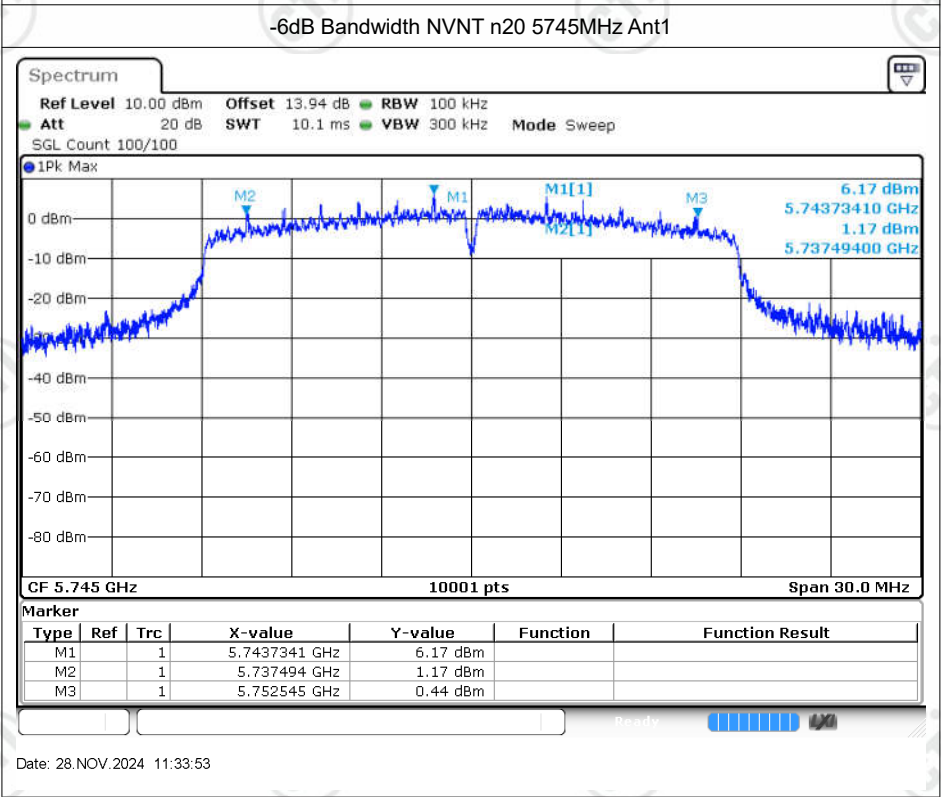
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.063	0.5	Pass
NVNT	a	5785	Ant1	14.994	0.5	Pass
NVNT	a	5825	Ant1	14.988	0.5	Pass
NVNT	n20	5745	Ant1	15.051	0.5	Pass
NVNT	n20	5785	Ant1	14.955	0.5	Pass
NVNT	n20	5825	Ant1	14.994	0.5	Pass
NVNT	n40	5755	Ant1	32.568	0.5	Pass
NVNT	n40	5795	Ant1	32.478	0.5	Pass

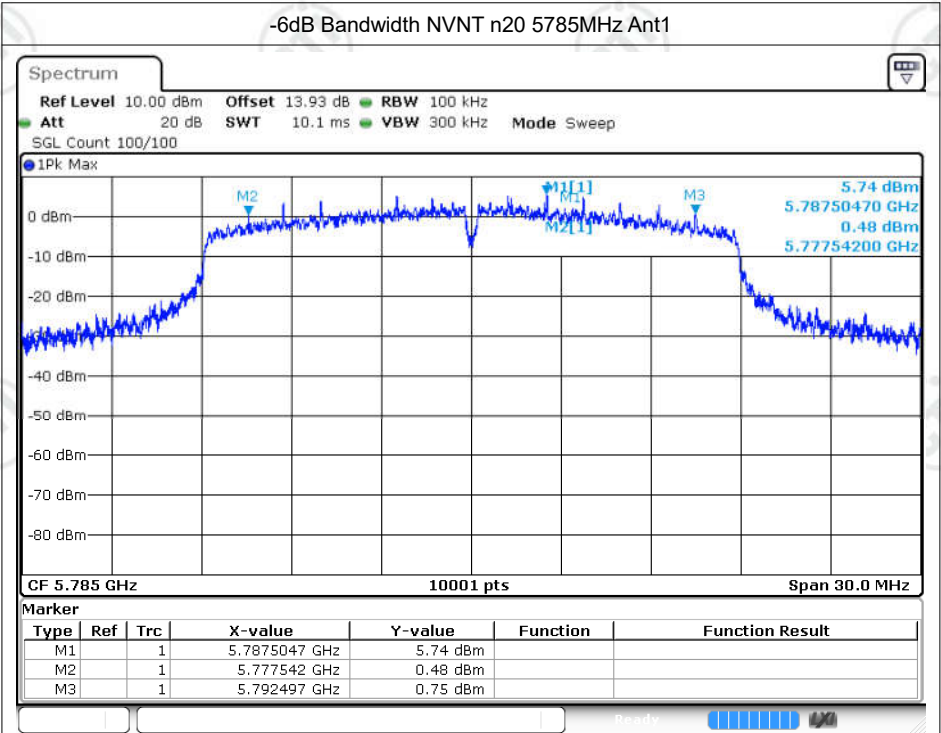




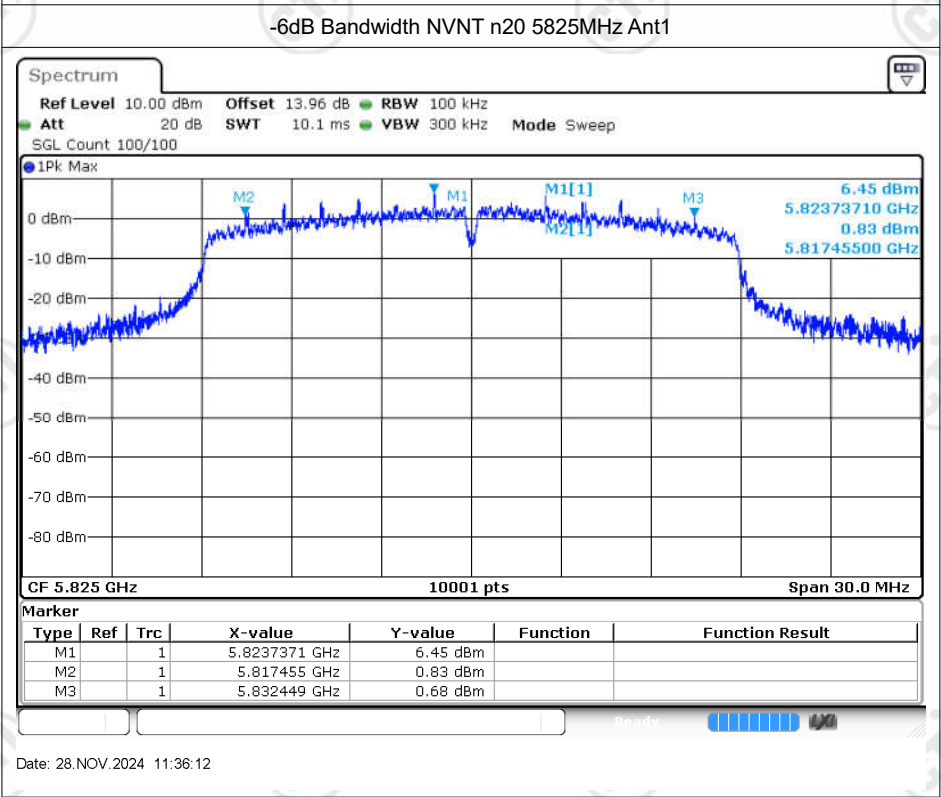
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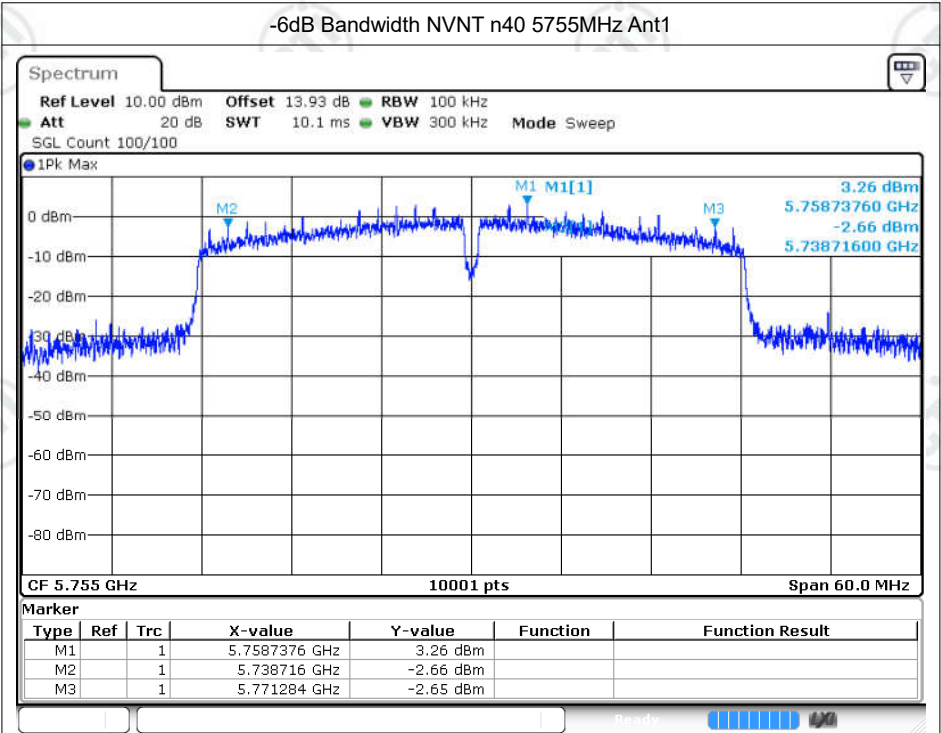
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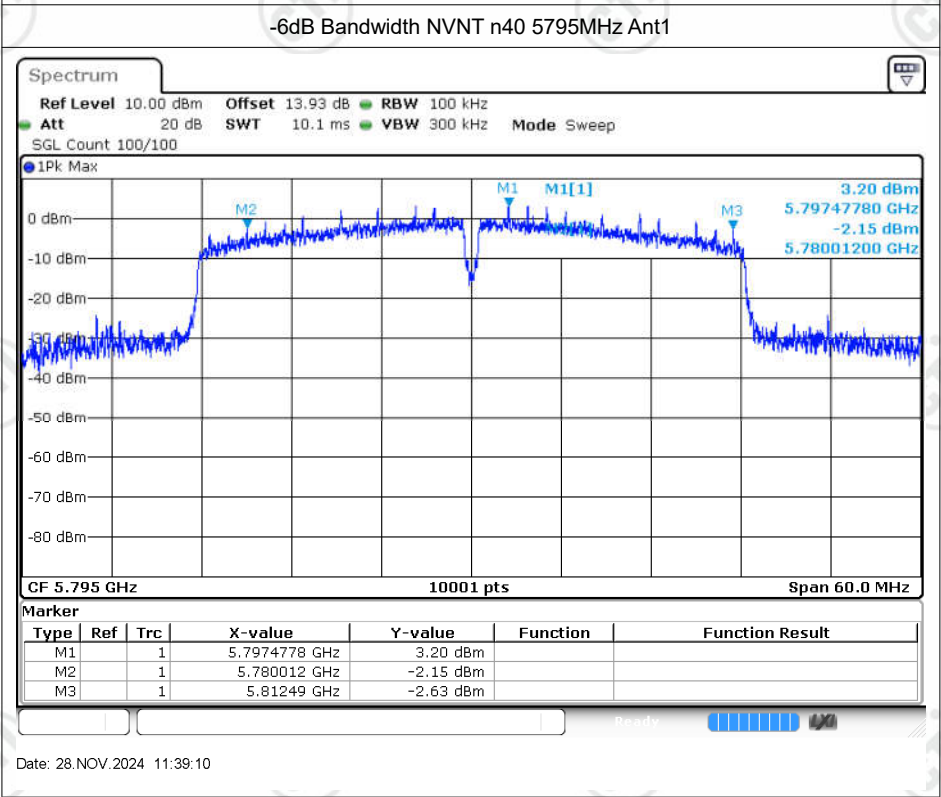
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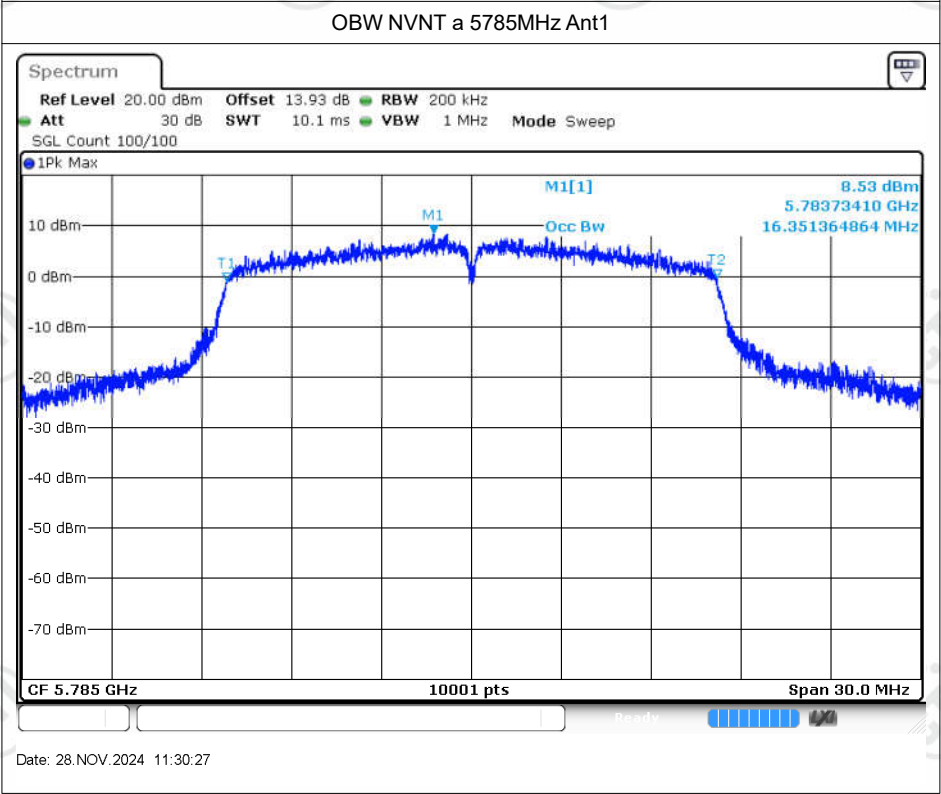
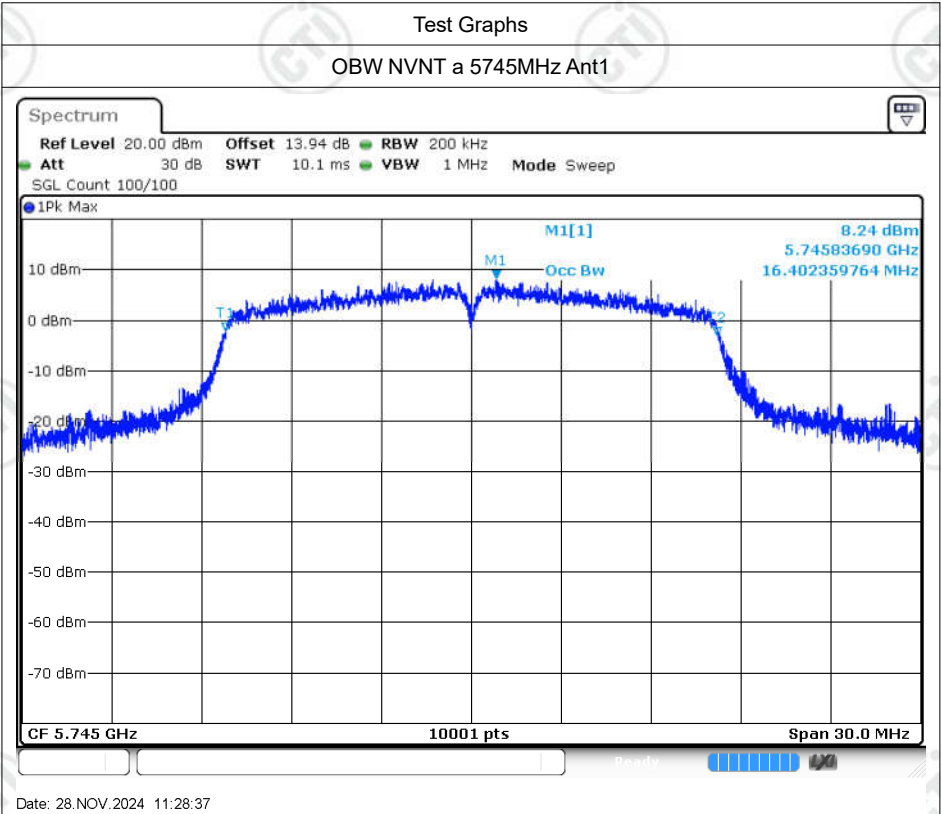
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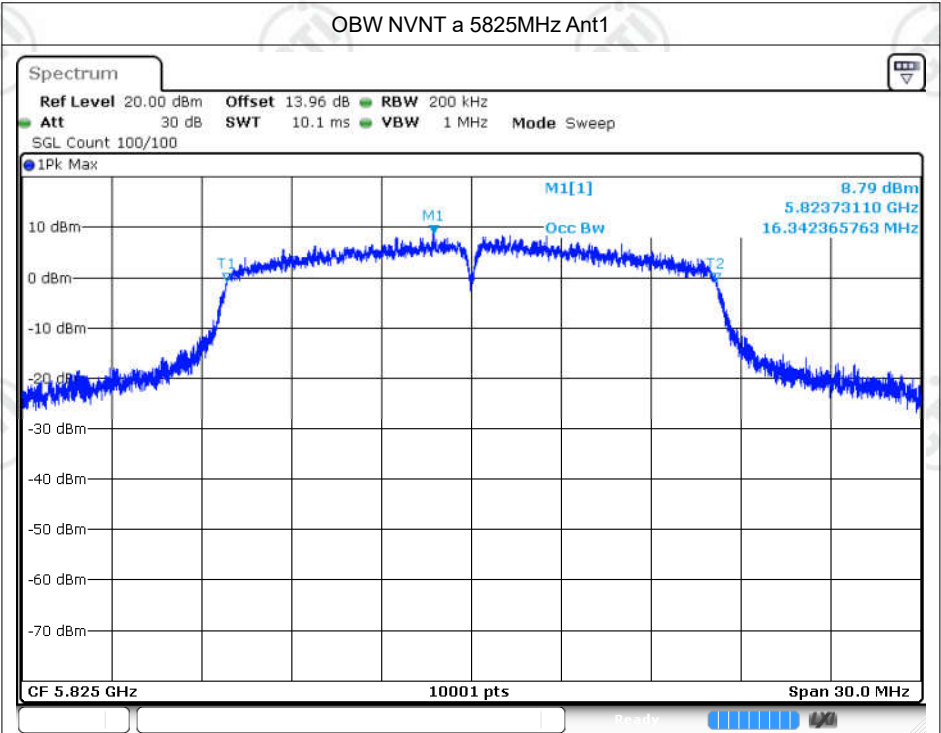


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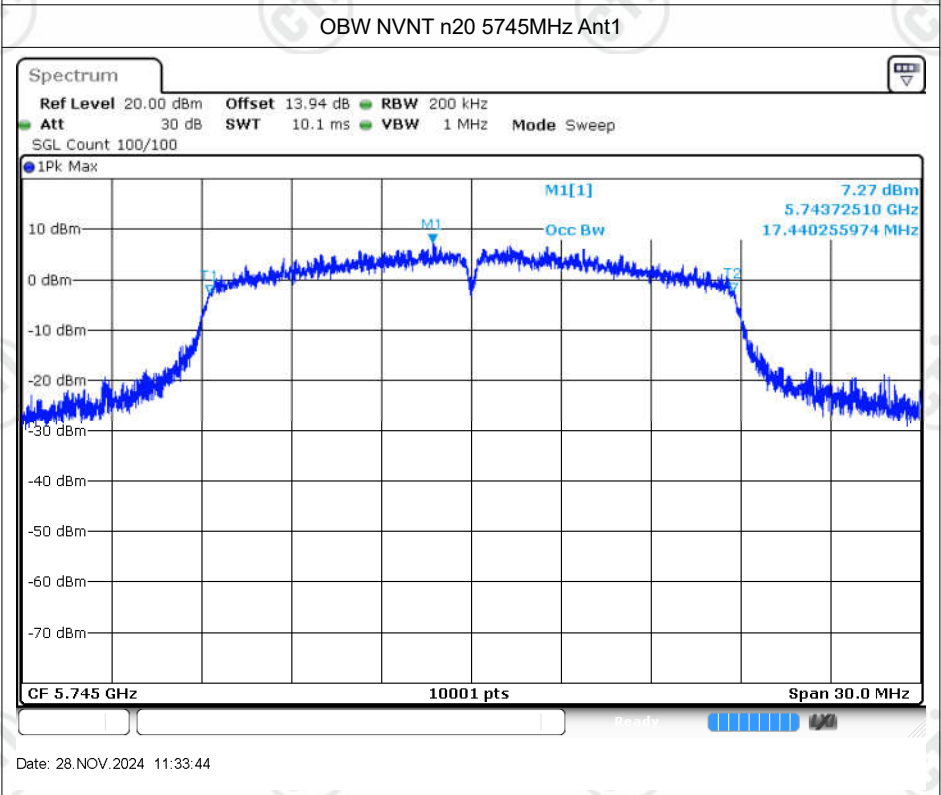
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.402
NVNT	a	5785	Ant1	16.351
NVNT	a	5825	Ant1	16.342
NVNT	n20	5745	Ant1	17.44
NVNT	n20	5785	Ant1	17.416
NVNT	n20	5825	Ant1	17.443
NVNT	n40	5755	Ant1	35.462
NVNT	n40	5795	Ant1	35.438

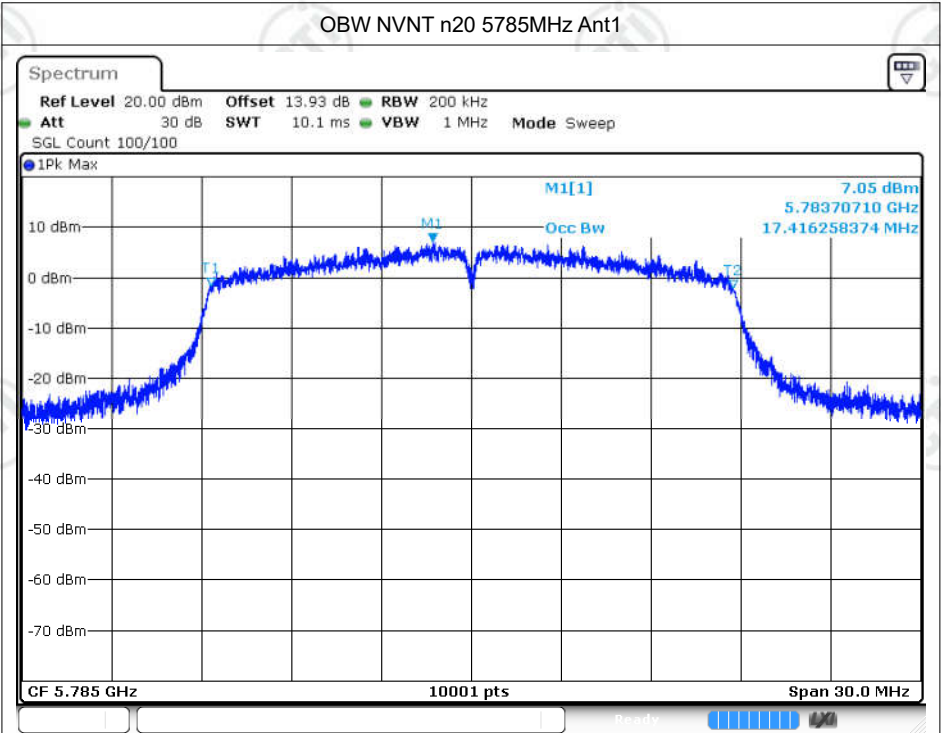




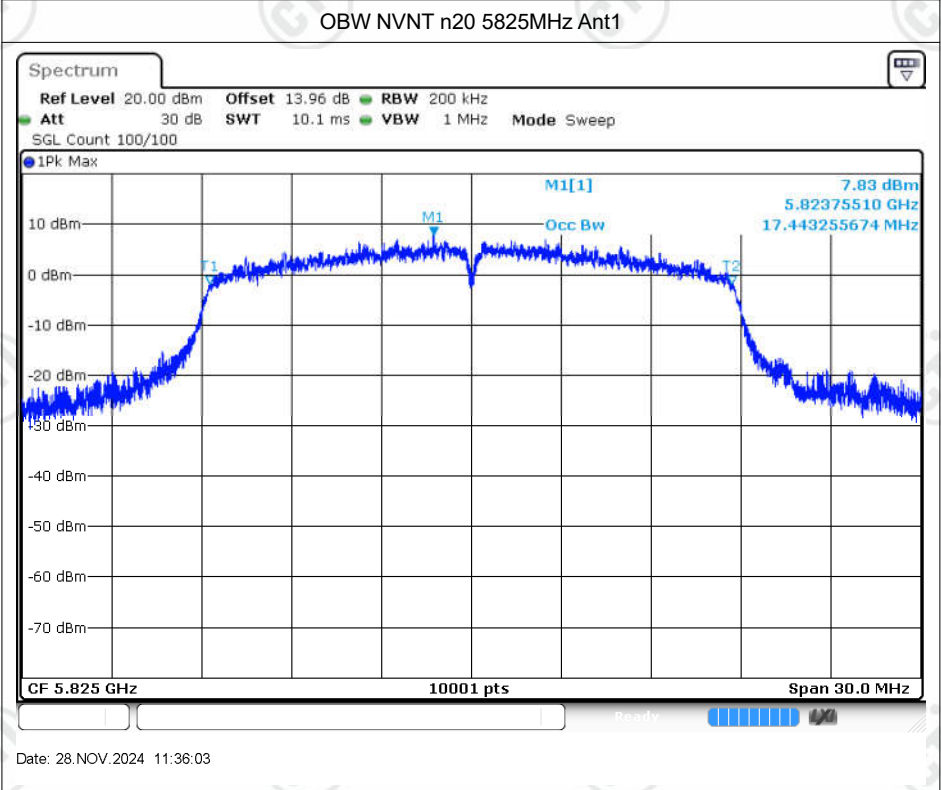
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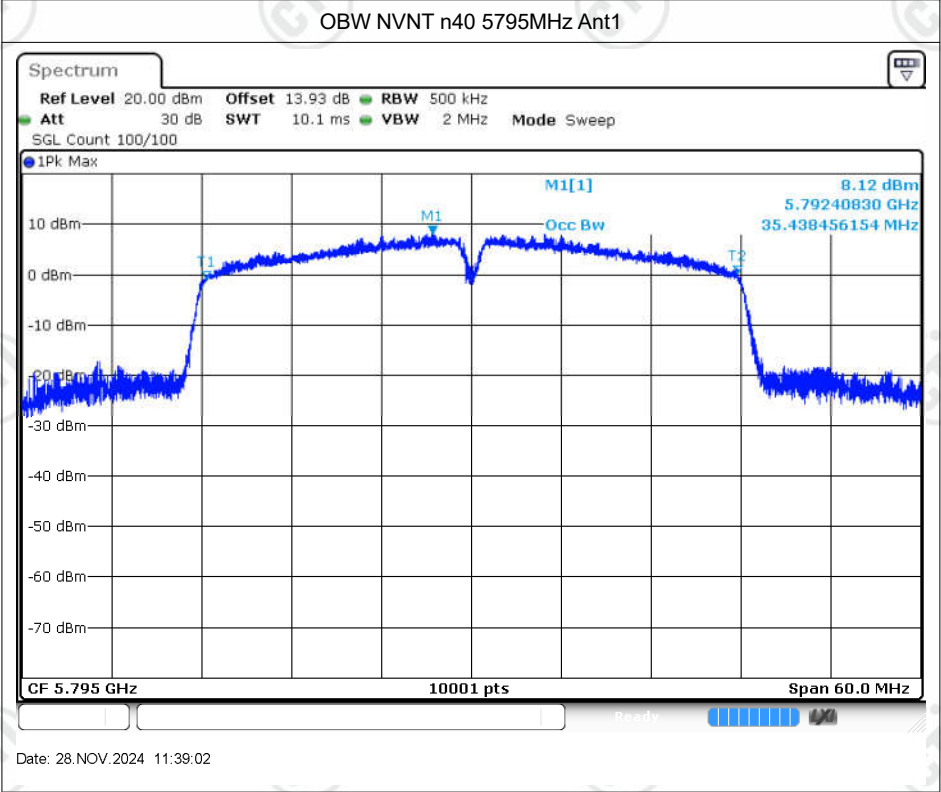
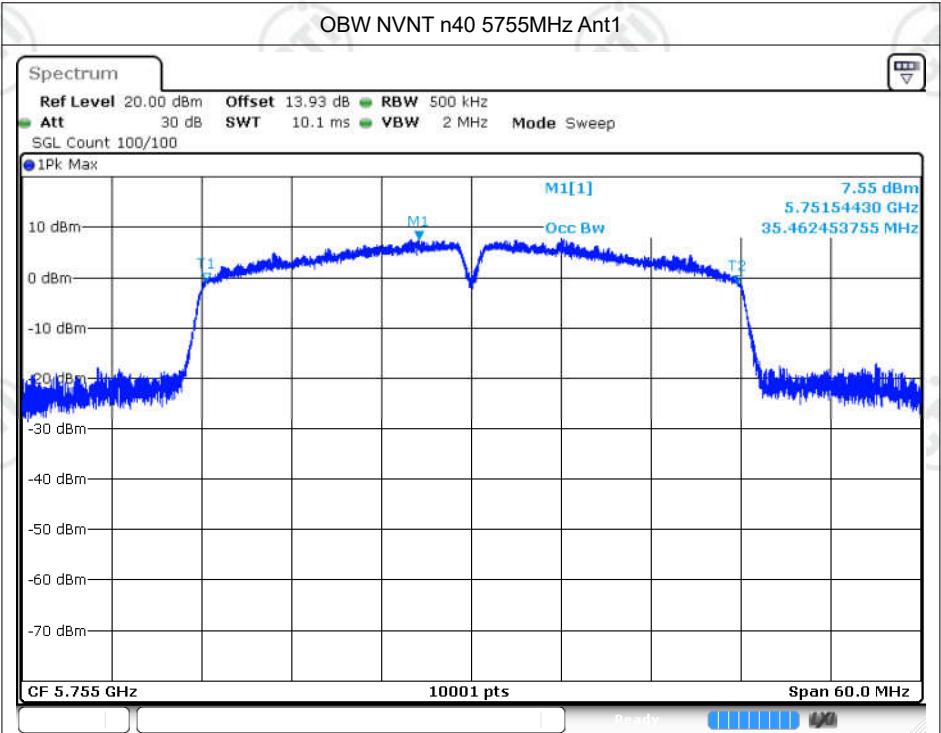
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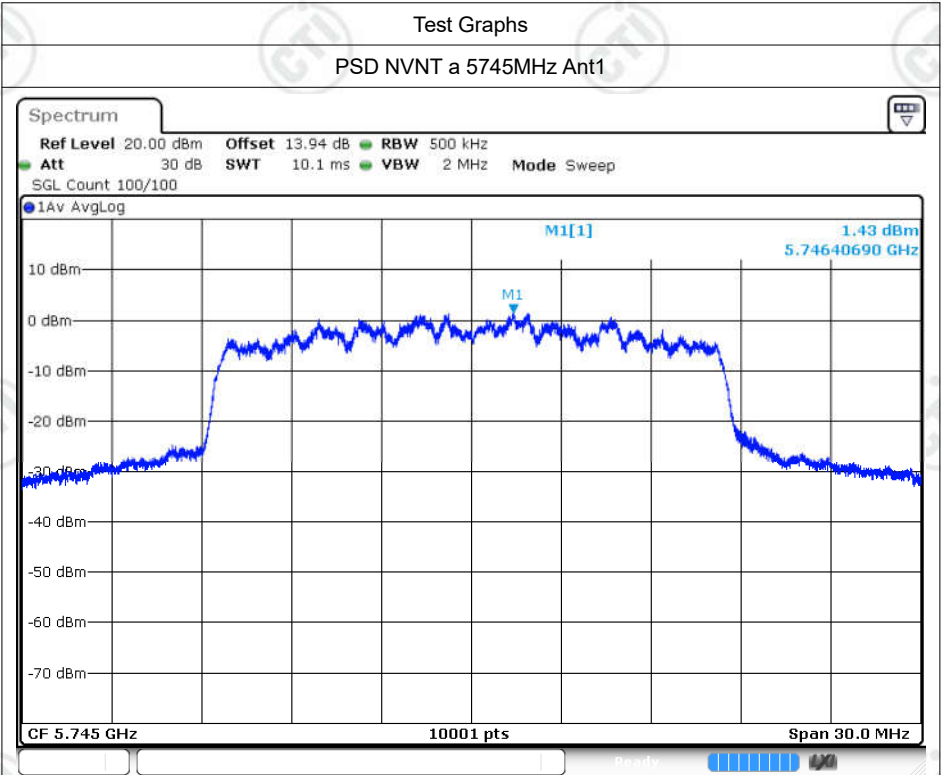
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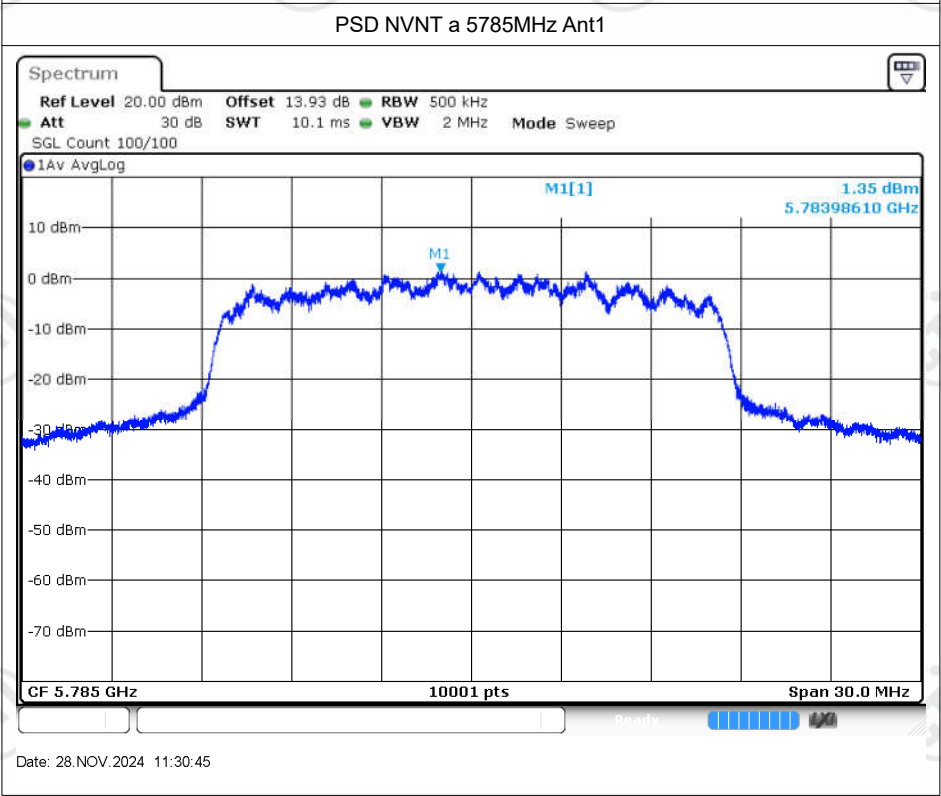
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	1.43	0.23	1.66	30	Pass
NVNT	a	5785	Ant1	1.35	0.36	1.71	30	Pass
NVNT	a	5825	Ant1	2.03	0.27	2.3	30	Pass
NVNT	n20	5745	Ant1	-0.04	0.25	0.21	30	Pass
NVNT	n20	5785	Ant1	0.51	0.29	0.8	30	Pass
NVNT	n20	5825	Ant1	0.96	0.21	1.17	30	Pass
NVNT	n40	5755	Ant1	-4.98	0.6	-4.38	30	Pass
NVNT	n40	5795	Ant1	-5.65	0.57	-5.08	30	Pass

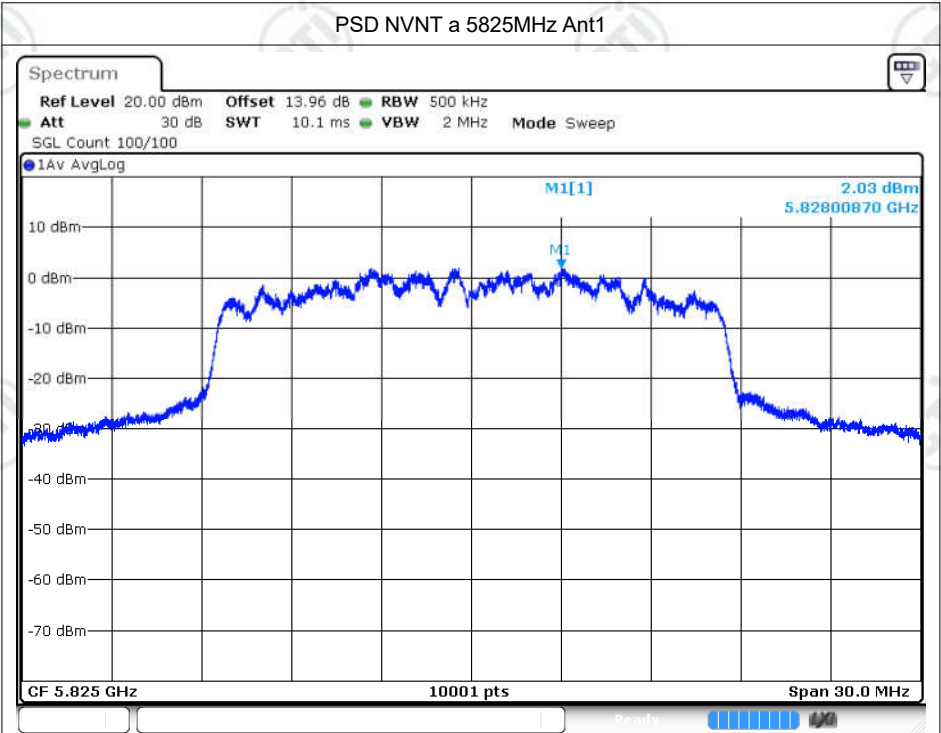
Note:Duty Cycle Correction Factor (dB)=-10*Ig(Duty Cycle);



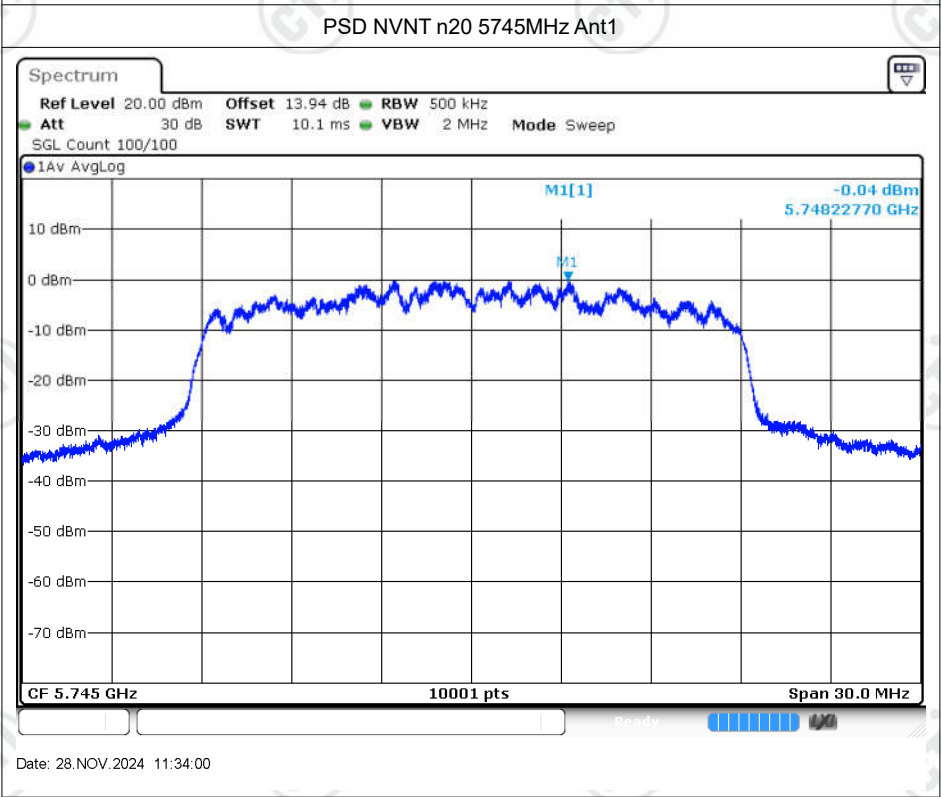
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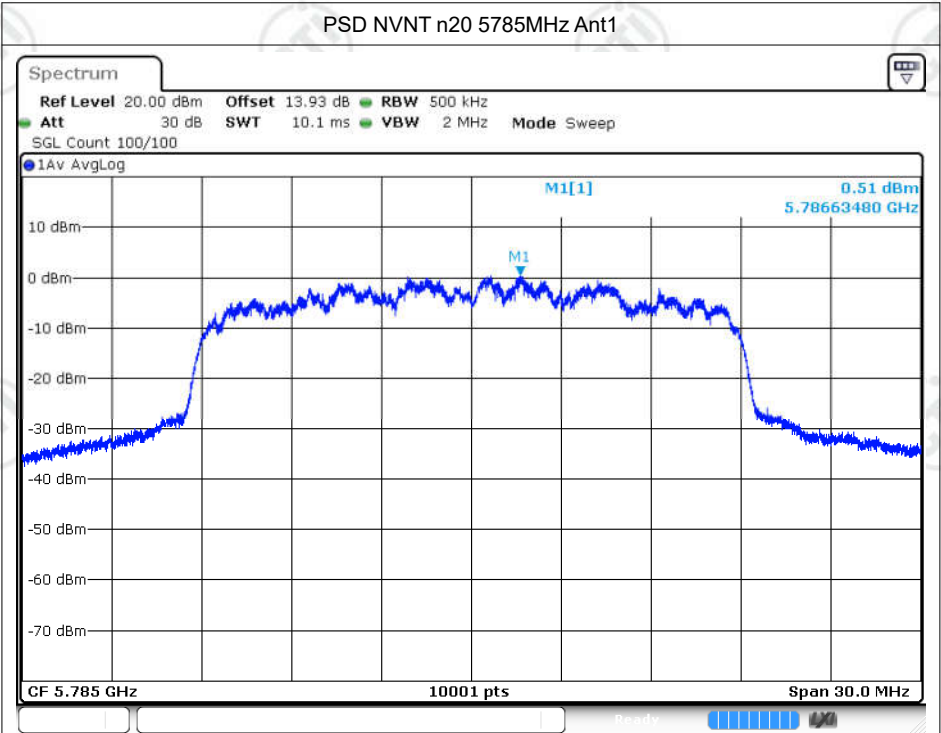
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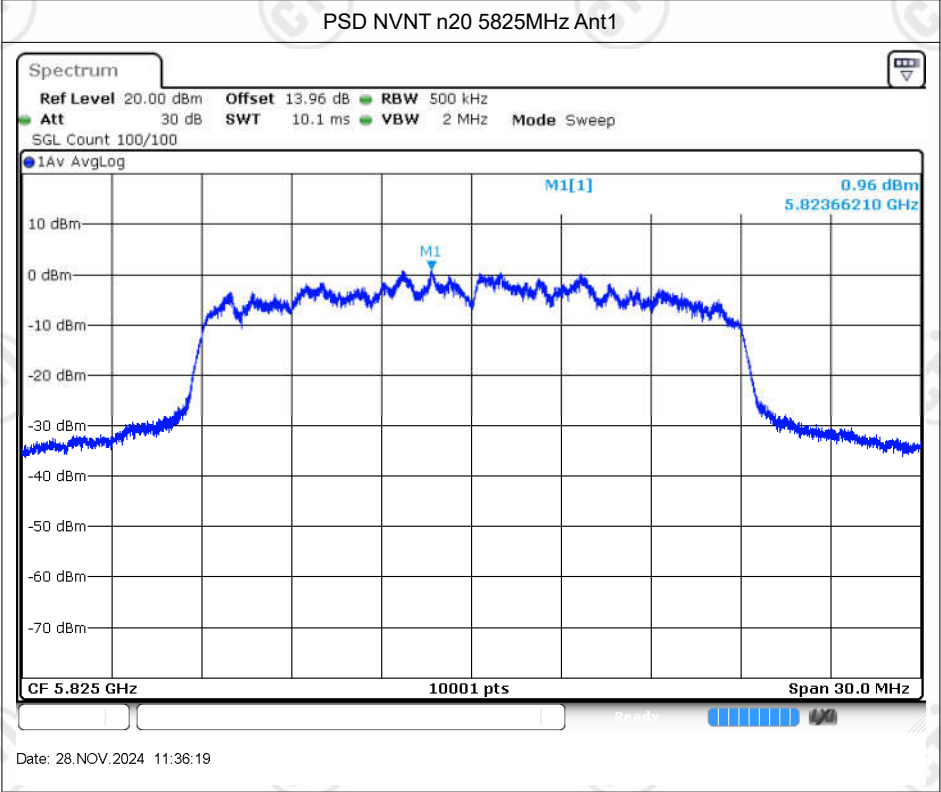
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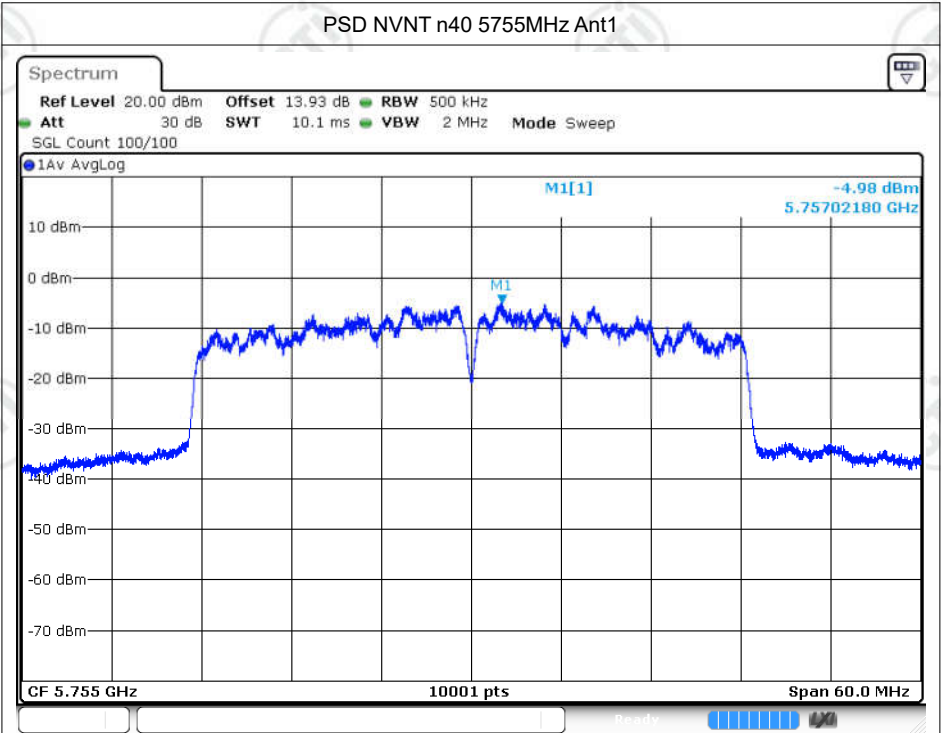
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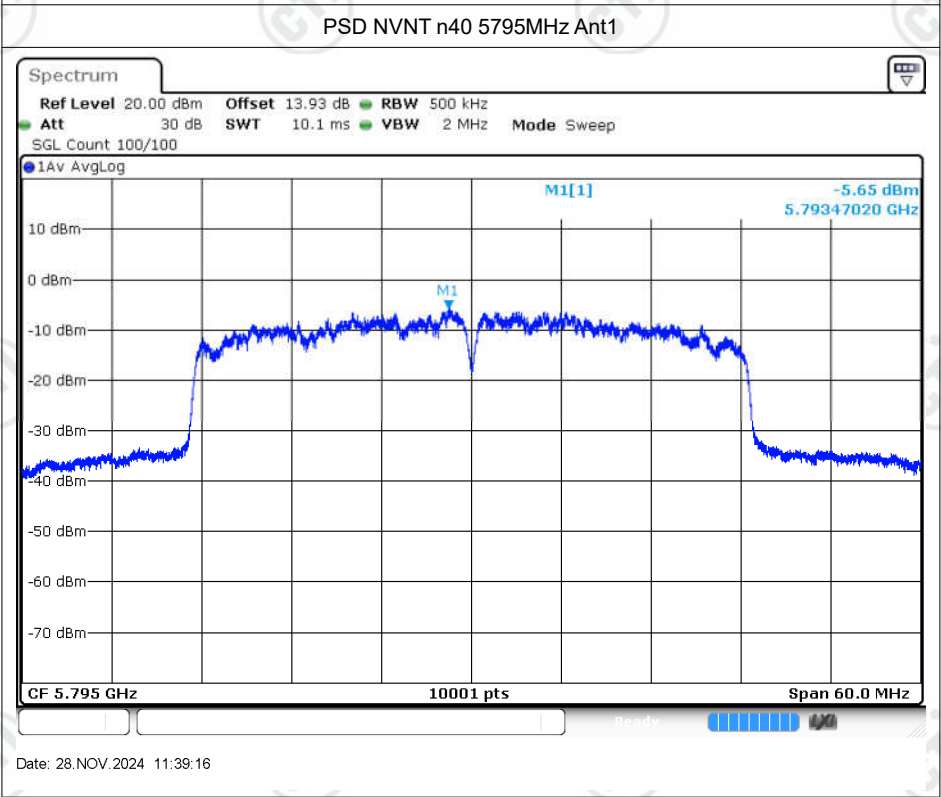
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Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 102V	a	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 120V	a	5745	Ant1	5745	0	0	25	Pass
20C 138V	a	5745	Ant1	5745	0	0	25	Pass
-20C 120V	a	5745	Ant1	5745	0	0	25	Pass
-10C 120V	a	5745	Ant1	5745.02	20000	3.48	25	Pass
0C 120V	a	5745	Ant1	5745	0	0	25	Pass
10C 120V	a	5745	Ant1	5744.98	-20000	-3.48	25	Pass
30C 120V	a	5745	Ant1	5745	0	0	25	Pass
40C 120V	a	5745	Ant1	5745.02	20000	3.48	25	Pass
50C 120V	a	5745	Ant1	5745	0	0	25	Pass
20C 102V	a	5825	Ant1	5825	0	0	25	Pass
20C 120V	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 138V	a	5825	Ant1	5825	0	0	25	Pass
-20C 120V	a	5825	Ant1	5825.02	20000	3.43	25	Pass
-10C 120V	a	5825	Ant1	5825	0	0	25	Pass
0C 120V	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass
10C 120V	a	5825	Ant1	5825.02	20000	3.43	25	Pass
30C 120V	a	5825	Ant1	5825	0	0	25	Pass
40C 120V	a	5825	Ant1	5825	0	0	25	Pass
50C 120V	a	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 102V	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 120V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 138V	n20	5745	Ant1	5744.88	-120000	-20.89	25	Pass
-20C 120V	n20	5745	Ant1	5745.02	20000	3.48	25	Pass
-10C 120V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
0C 120V	n20	5745	Ant1	5745	0	0	25	Pass
10C 120V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
30C 120V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
40C 120V	n20	5745	Ant1	5745.02	20000	3.48	25	Pass
50C 120V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 102V	n20	5825	Ant1	5825.02	20000	3.43	25	Pass
20C 120V	n20	5825	Ant1	5824.72	-280000	-48.07	25	Pass
20C 138V	n20	5825	Ant1	5825.02	20000	3.43	25	Pass
-20C 120V	n20	5825	Ant1	5824.82	-180000	-30.9	25	Pass
-10C 120V	n20	5825	Ant1	5824.72	-280000	-48.07	25	Pass
0C 120V	n20	5825	Ant1	5825.02	20000	3.43	25	Pass
10C 120V	n20	5825	Ant1	5825	0	0	25	Pass

30C 120V	n20	5825	Ant1	5825	0	0	25	Pass
40C 120V	n20	5825	Ant1	5825.12	120000	20.6	25	Pass
50C 120V	n20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 102V	n40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
20C 120V	n40	5755	Ant1	5755.12	120000	20.85	25	Pass
20C 138V	n40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
-20C 120V	n40	5755	Ant1	5755.04	40000	6.95	25	Pass
-10C 120V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
0C 120V	n40	5755	Ant1	5755.04	40000	6.95	25	Pass
10C 120V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
30C 120V	n40	5755	Ant1	5755.04	40000	6.95	25	Pass
40C 120V	n40	5755	Ant1	5755.16	160000	27.8	25	Pass
50C 120V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 102V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 120V	n40	5795	Ant1	5795.04	40000	6.9	25	Pass
20C 138V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
-20C 120V	n40	5795	Ant1	5795	0	0	25	Pass
-10C 120V	n40	5795	Ant1	5795	0	0	25	Pass
0C 120V	n40	5795	Ant1	5795	0	0	25	Pass
10C 120V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
30C 120V	n40	5795	Ant1	5794.84	-160000	-27.61	25	Pass
40C 120V	n40	5795	Ant1	5795.16	160000	27.61	25	Pass
50C 120V	n40	5795	Ant1	5795	0	0	25	Pass

END OF REPORT