

Appendix: 5G Wi-Fi Band 1

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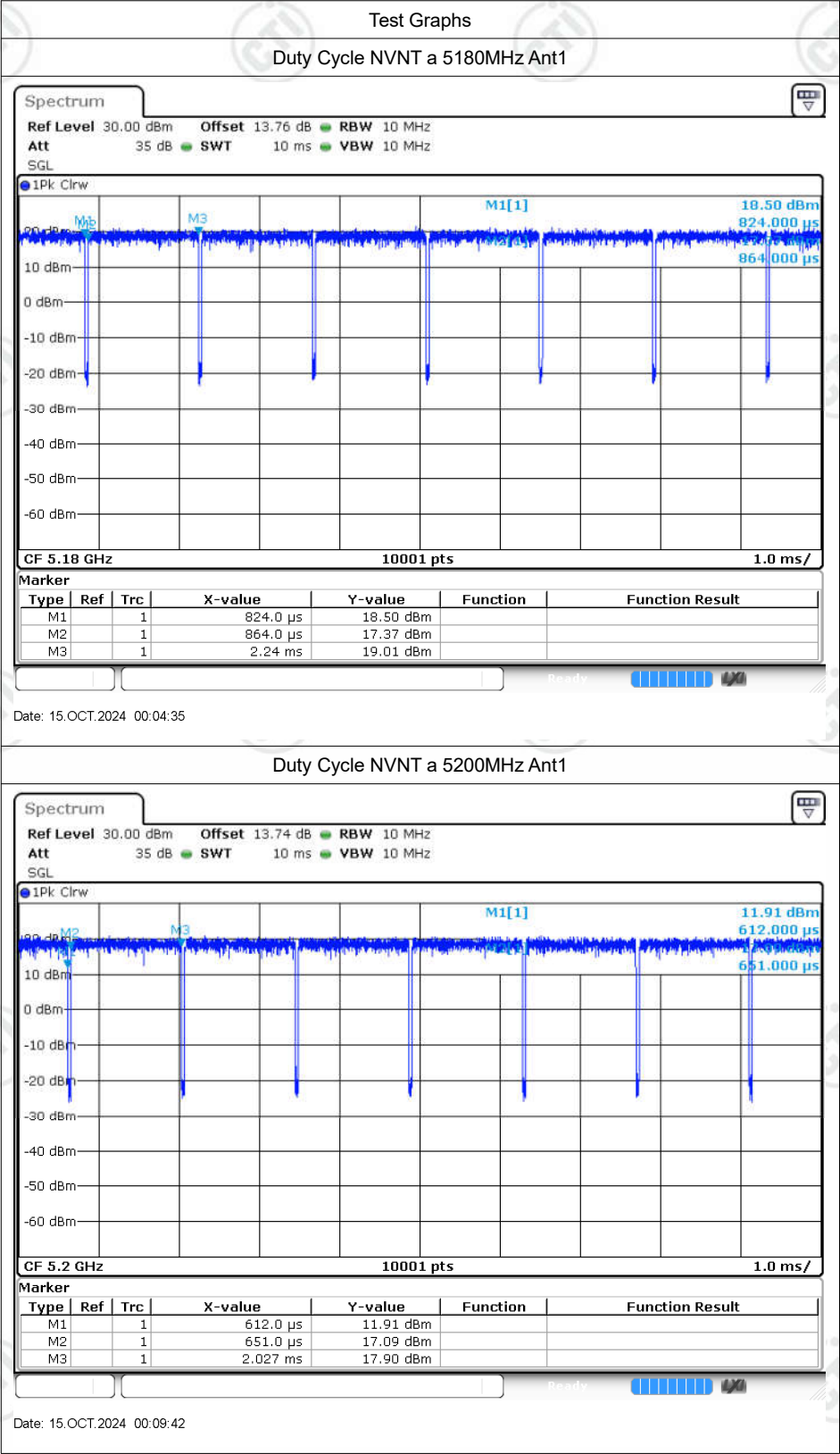
Maximum Power Spectral Density Level 19

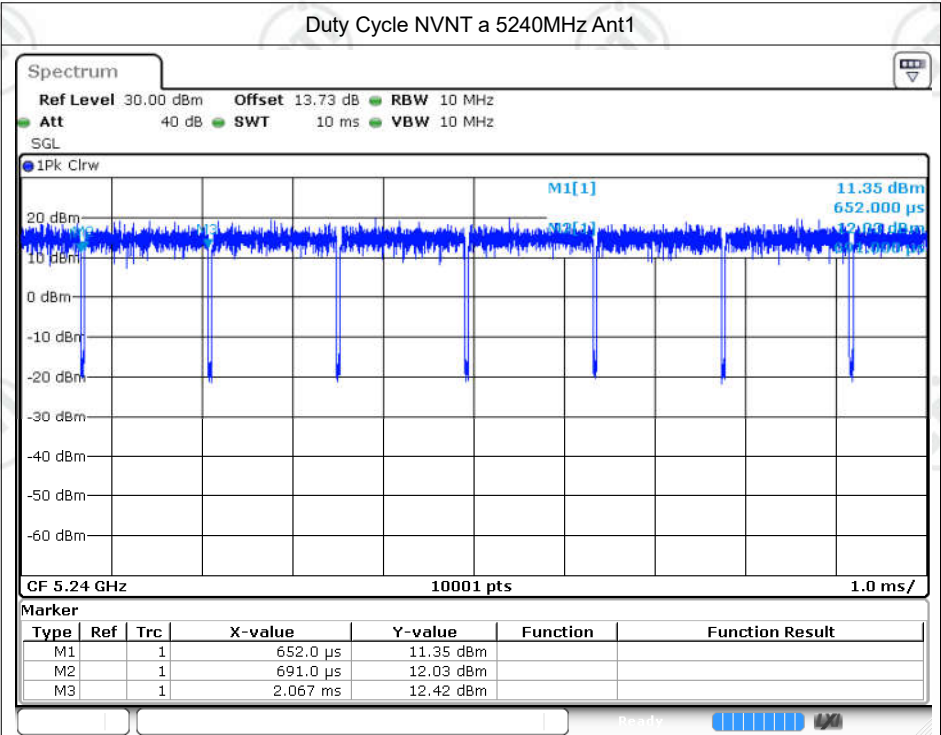
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Duty Cycle

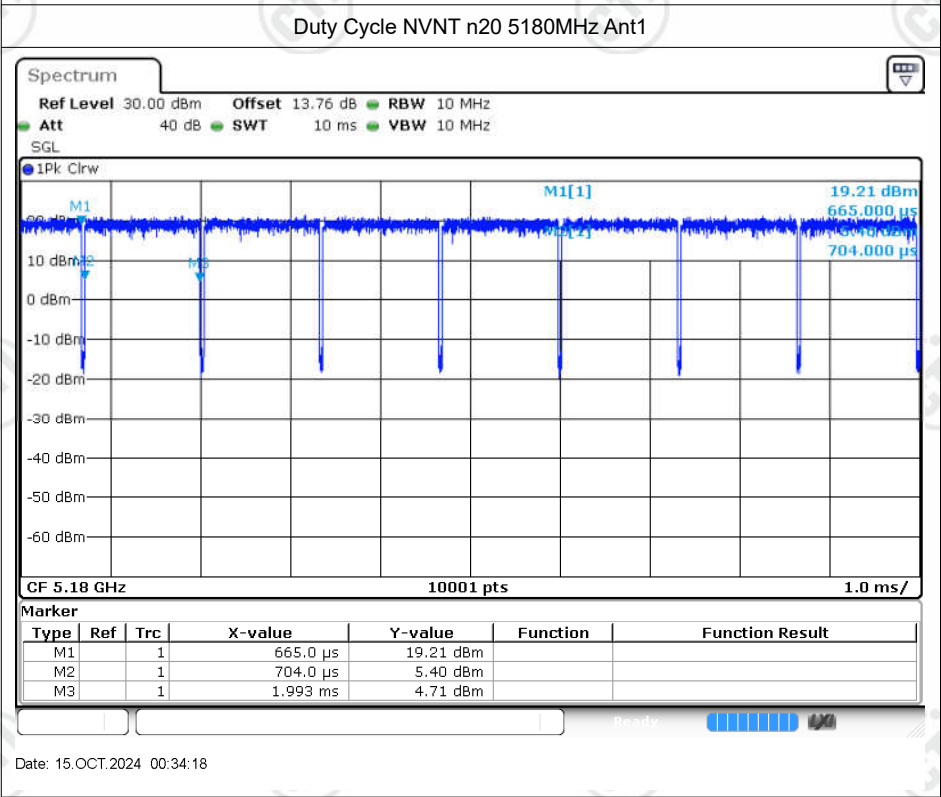
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	97.18	0.12	0.73
NVNT	a	5200	Ant1	97.24	0.12	0.73
NVNT	a	5240	Ant1	97.24	0.12	0.73
NVNT	n20	5180	Ant1	97.06	0.13	0.78
NVNT	n20	5200	Ant1	97.06	0.13	0.78
NVNT	n20	5240	Ant1	97.06	0.13	0.78
NVNT	n40	5190	Ant1	94.05	0.27	1.56
NVNT	n40	5230	Ant1	94.12	0.26	1.56

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

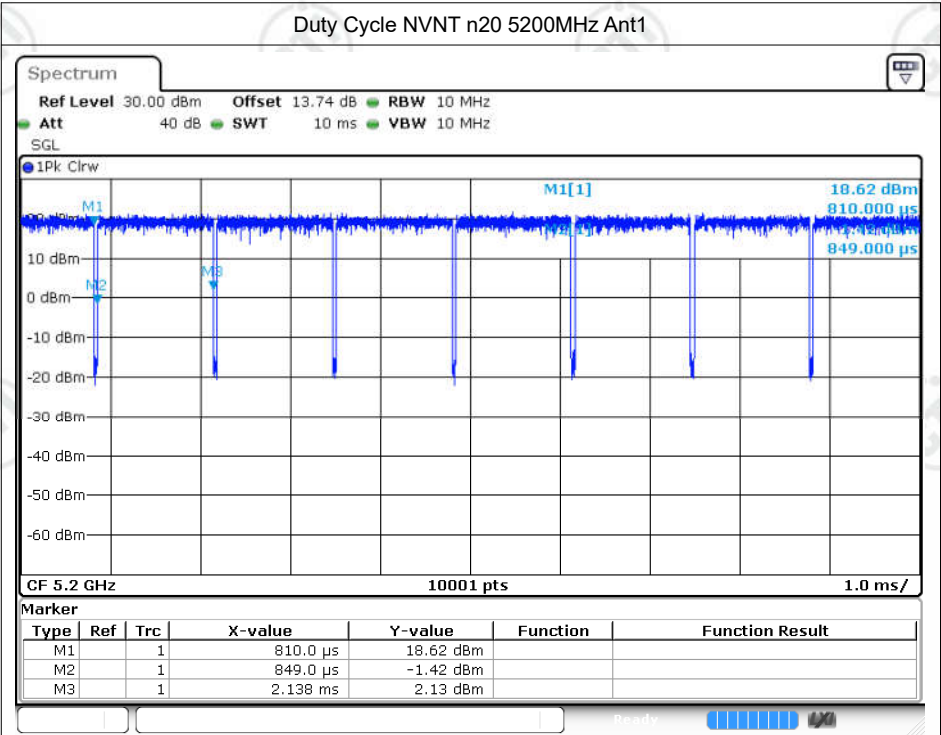




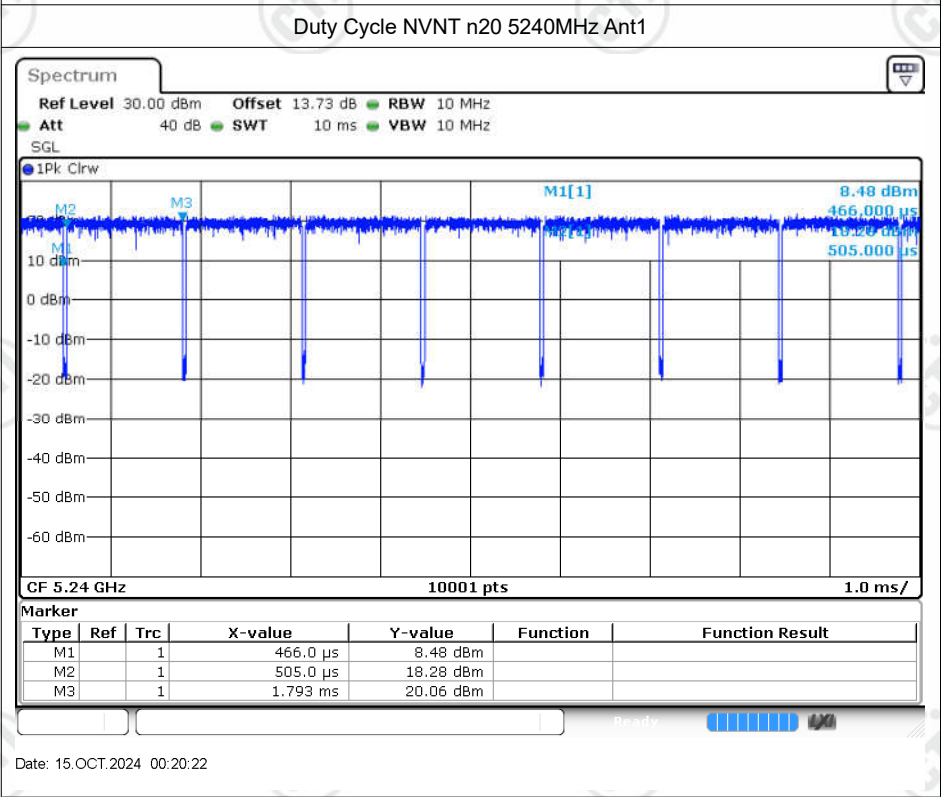
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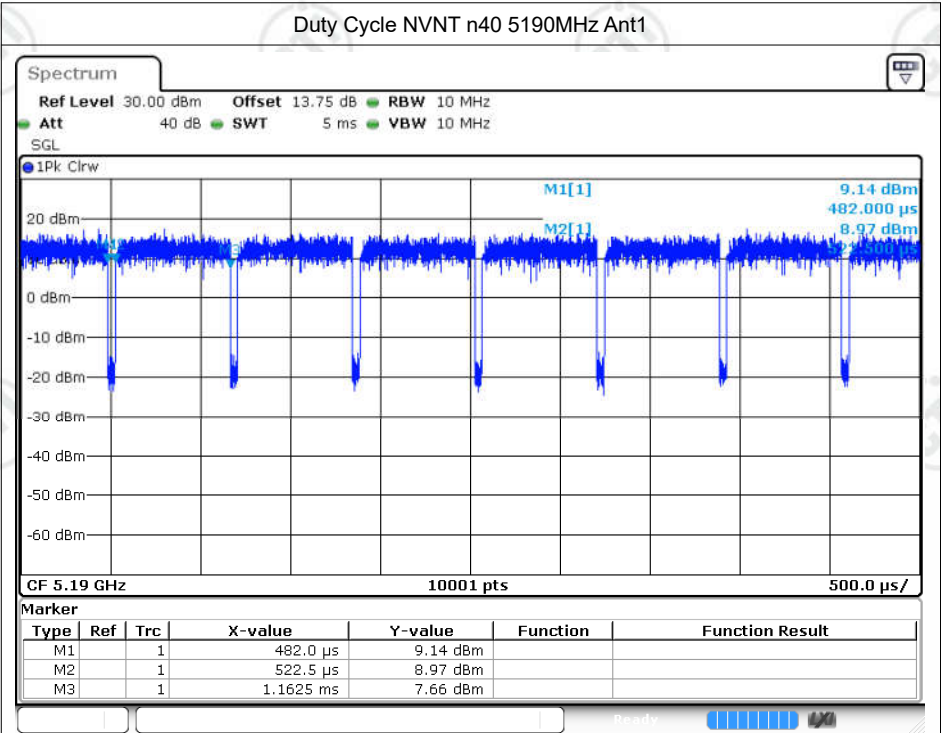
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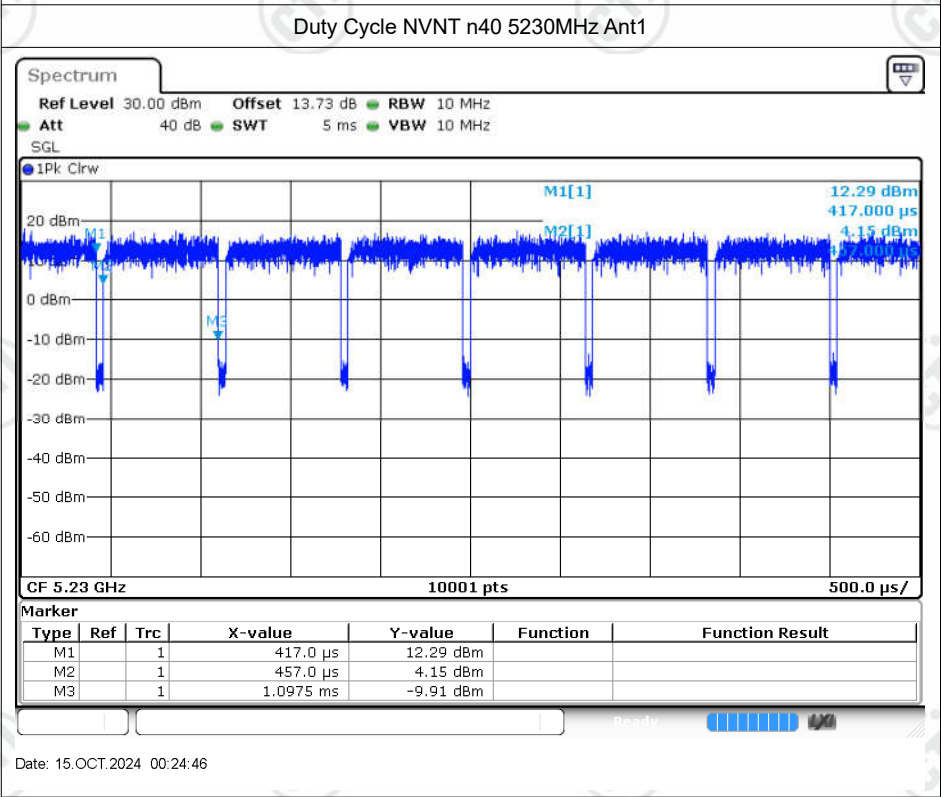
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Date: 15.OCT.2024 00:24:46

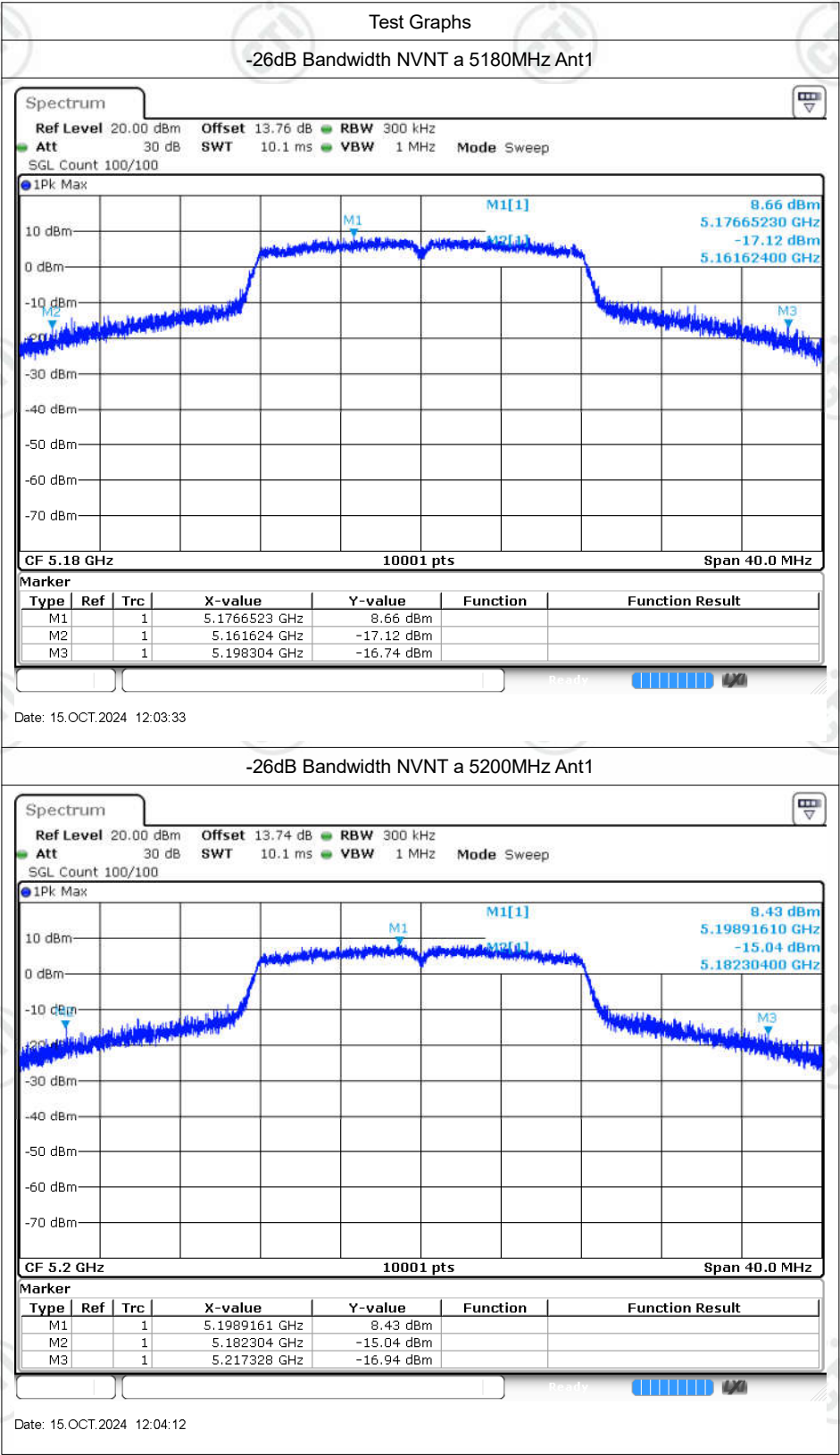
Maximum Conducted Output Power

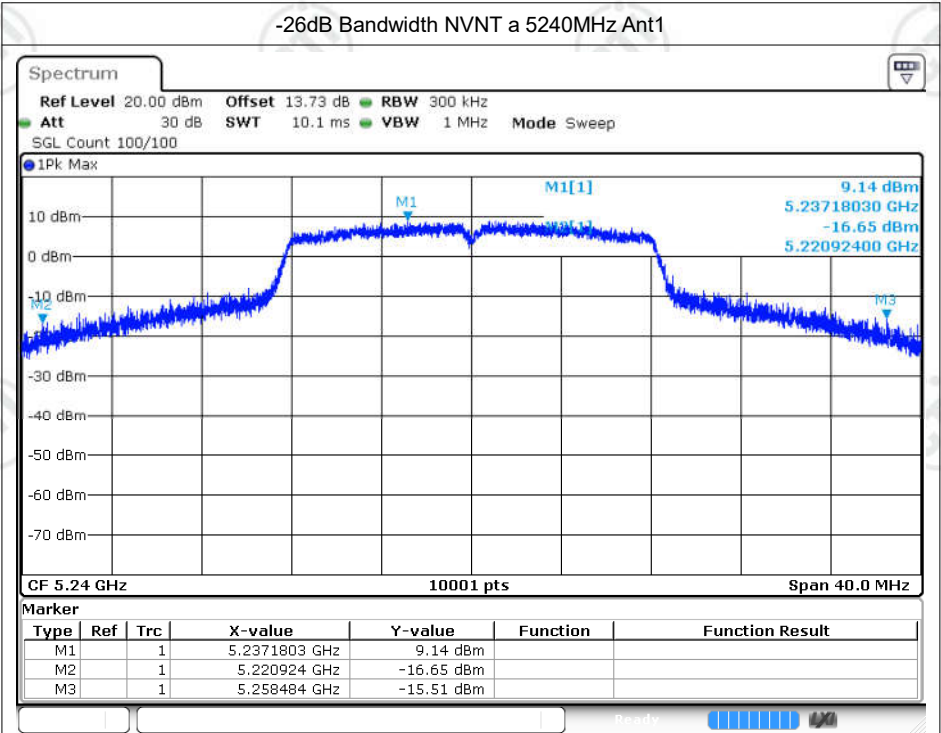
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	16.78	24	Pass
NVNT	a	5200	Ant1	16.67	24	Pass
NVNT	a	5240	Ant1	17.58	24	Pass
NVNT	n20	5180	Ant1	17.08	24	Pass
NVNT	n20	5200	Ant1	17.41	24	Pass
NVNT	n20	5240	Ant1	17.96	24	Pass
NVNT	n40	5190	Ant1	13.62	24	Pass
NVNT	n40	5230	Ant1	14.31	24	Pass

Note:Conducted Power (dBm) has been added Duty Cycle Correction Factor (dB);

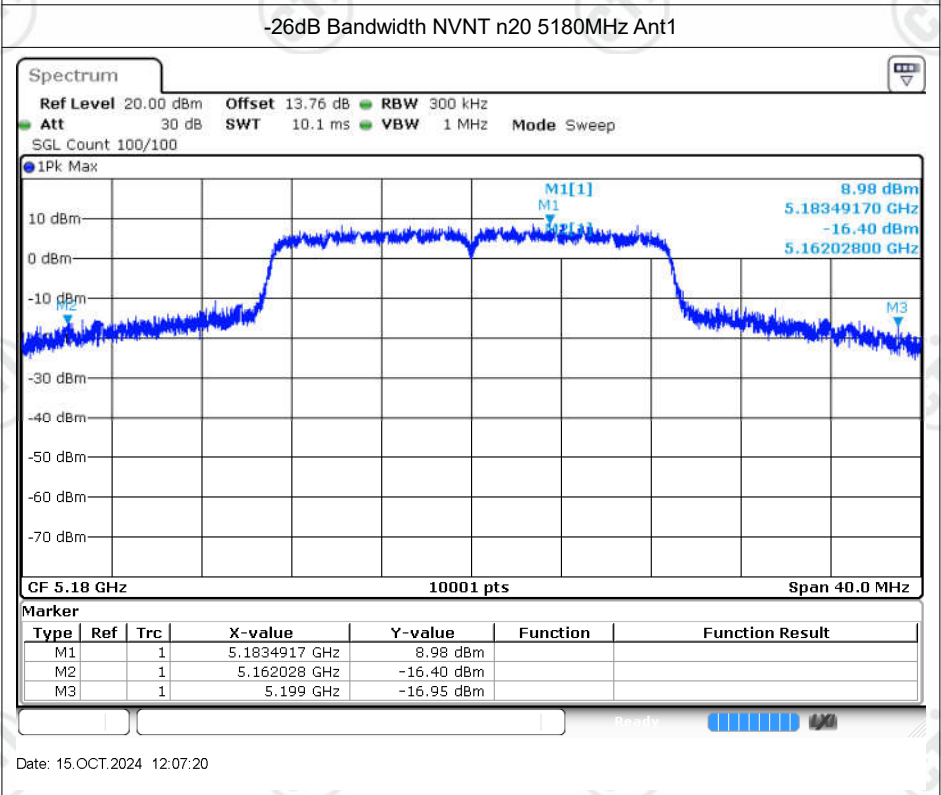
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	36.68	0.5	Pass
NVNT	a	5200	Ant1	35.024	0.5	Pass
NVNT	a	5240	Ant1	37.56	0.5	Pass
NVNT	n20	5180	Ant1	36.972	0.5	Pass
NVNT	n20	5200	Ant1	35.412	0.5	Pass
NVNT	n20	5240	Ant1	36.652	0.5	Pass
NVNT	n40	5190	Ant1	39.192	0.5	Pass
NVNT	n40	5230	Ant1	38.922	0.5	Pass

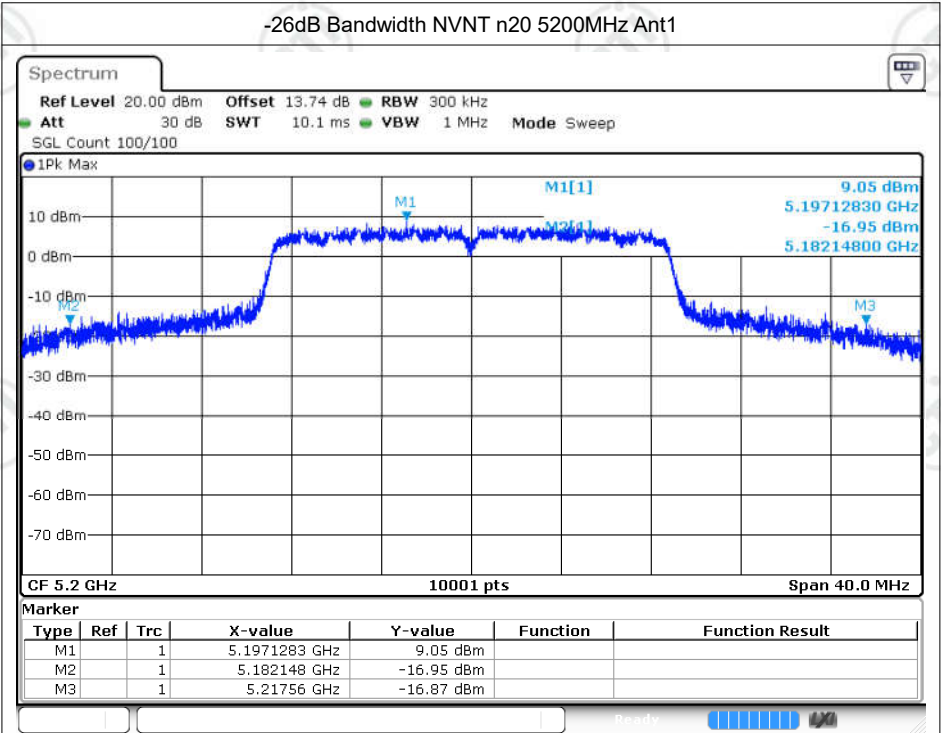




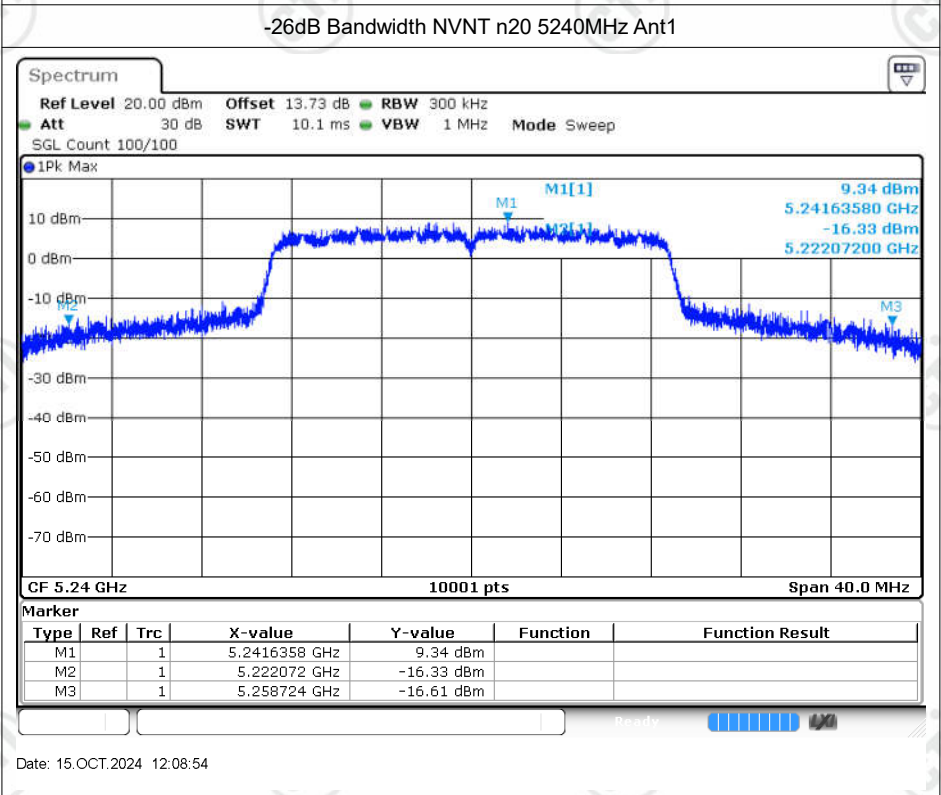
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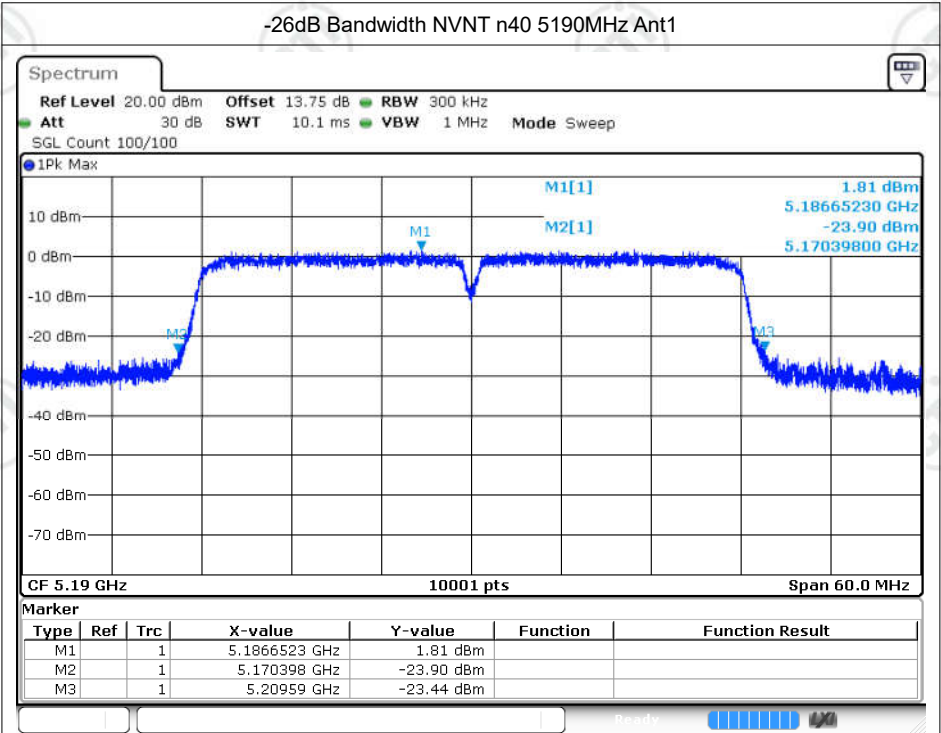
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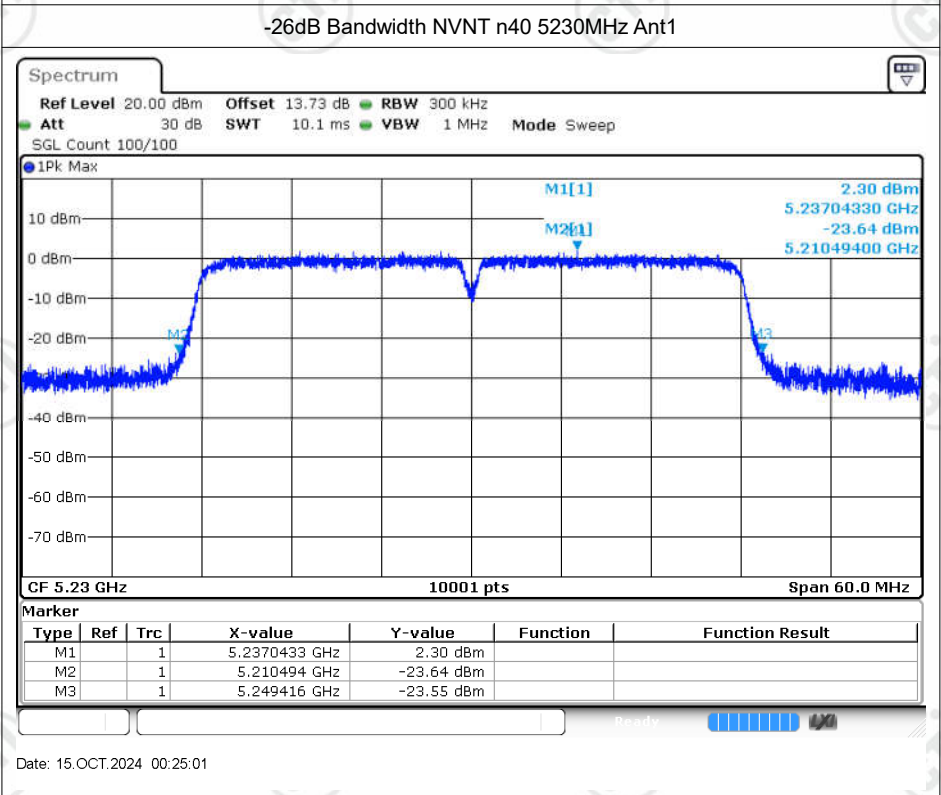
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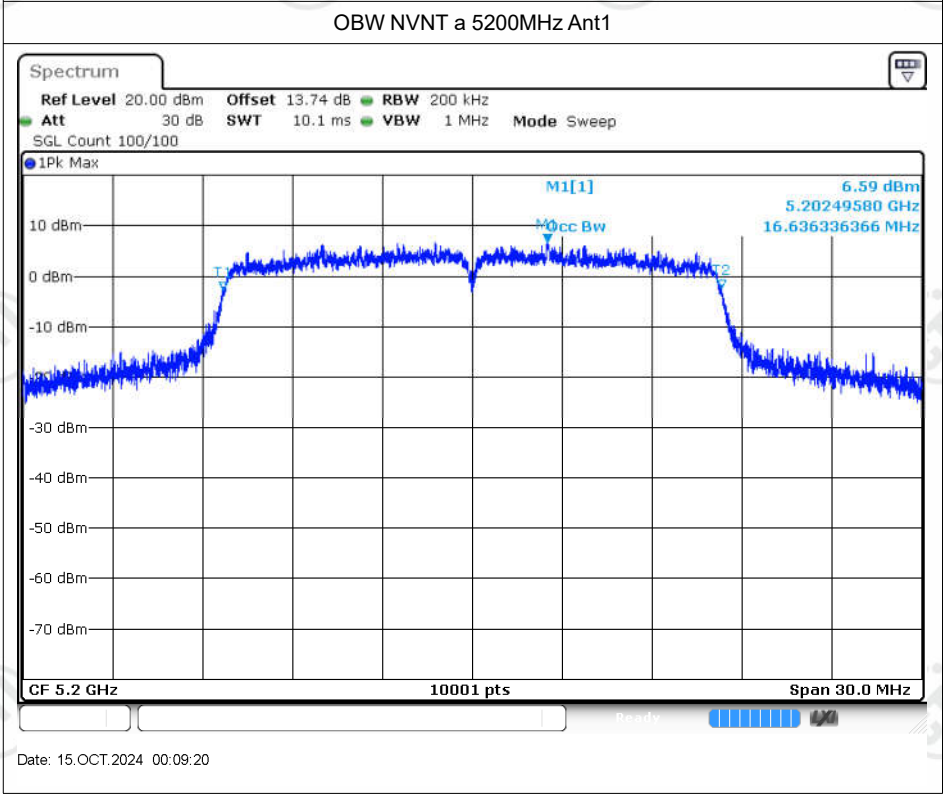
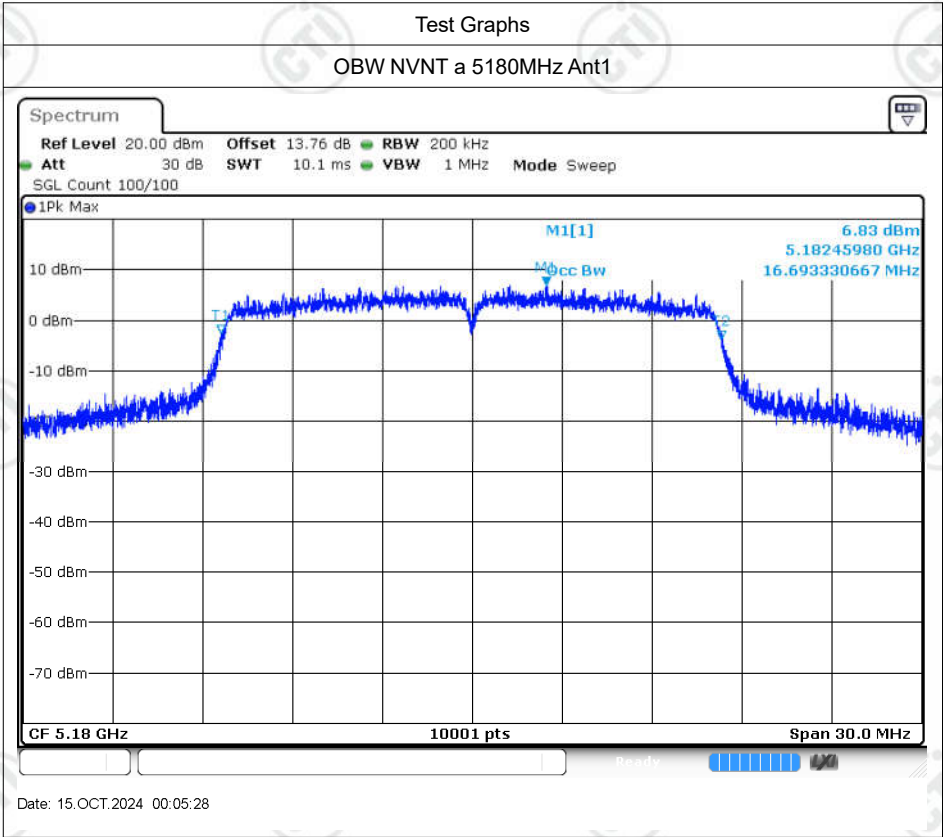
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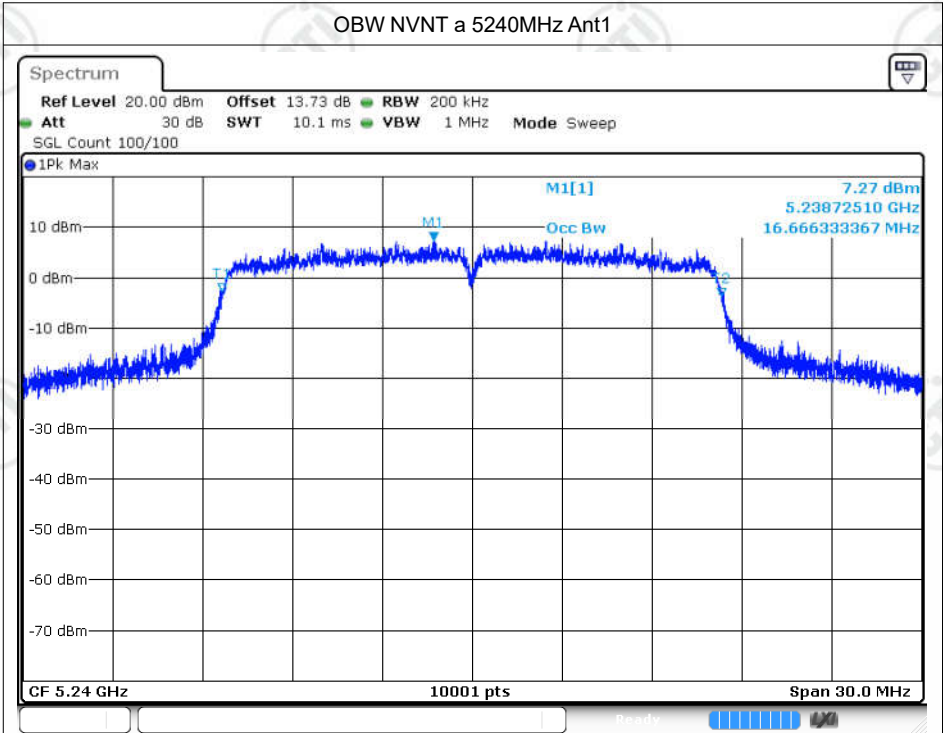


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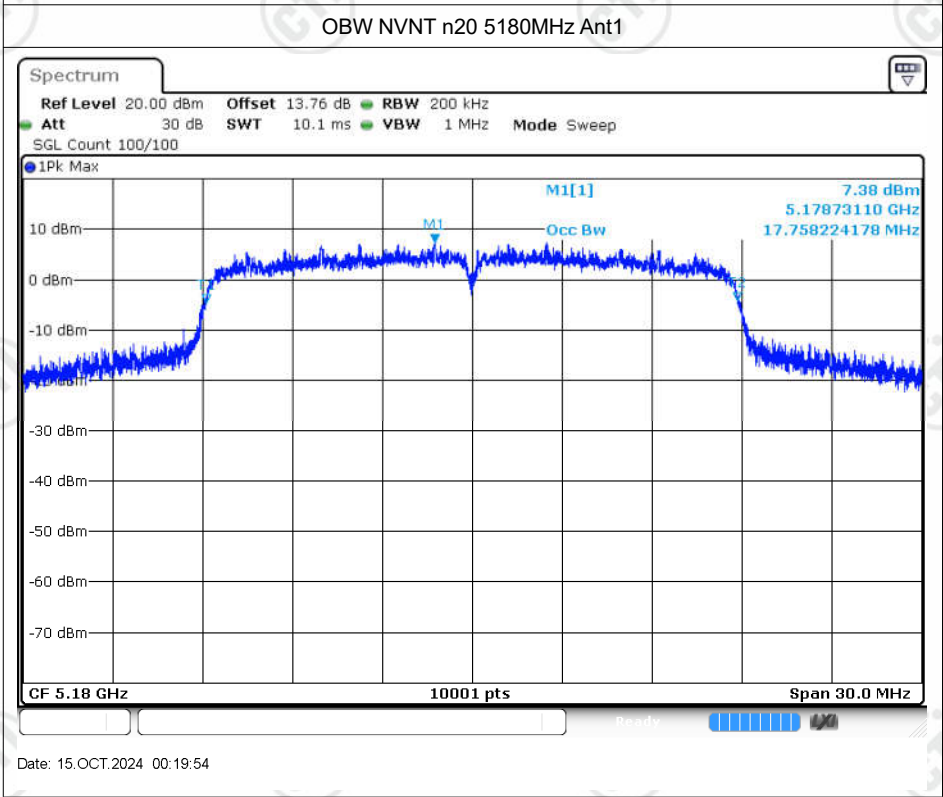
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.693
NVNT	a	5200	Ant1	16.636
NVNT	a	5240	Ant1	16.666
NVNT	n20	5180	Ant1	17.758
NVNT	n20	5200	Ant1	17.689
NVNT	n20	5240	Ant1	17.773
NVNT	n40	5190	Ant1	35.96
NVNT	n40	5230	Ant1	35.954

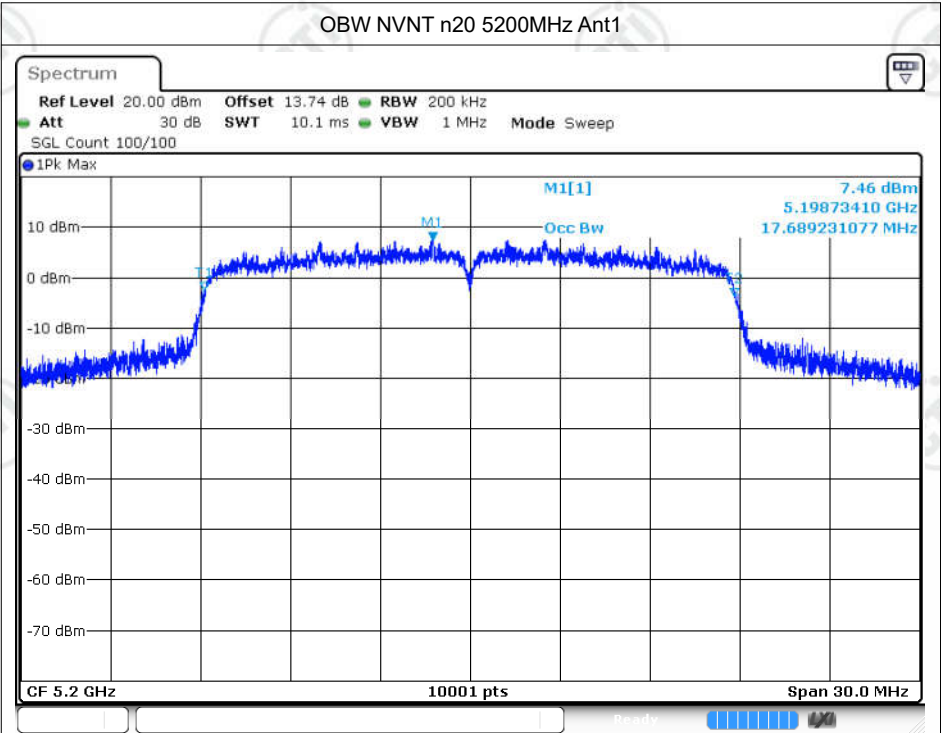




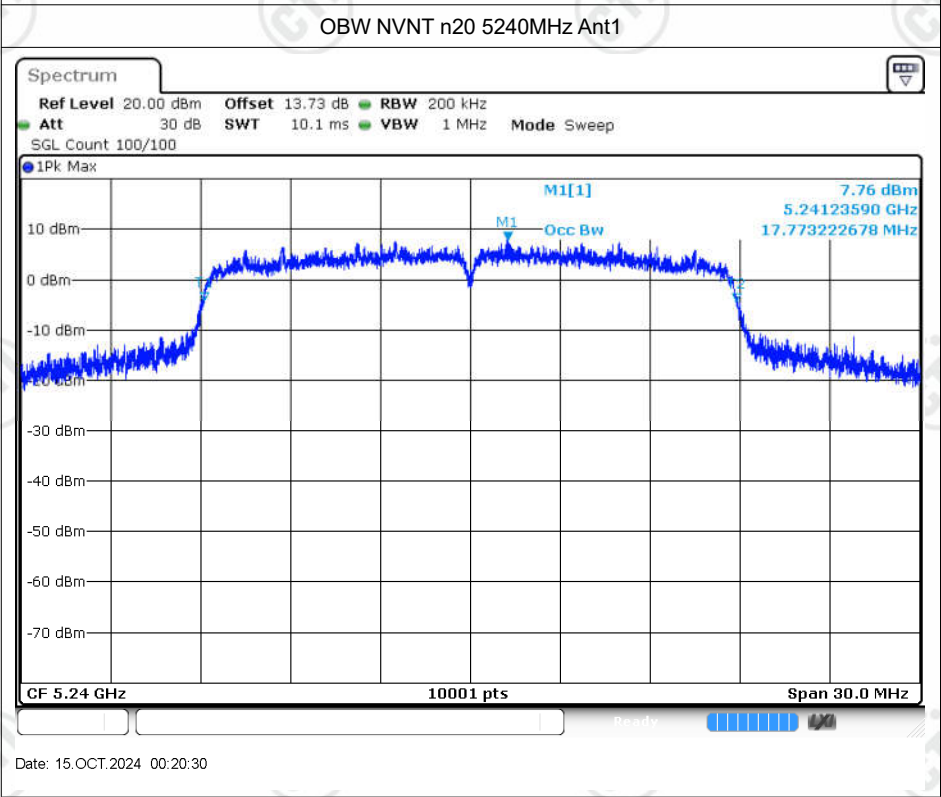
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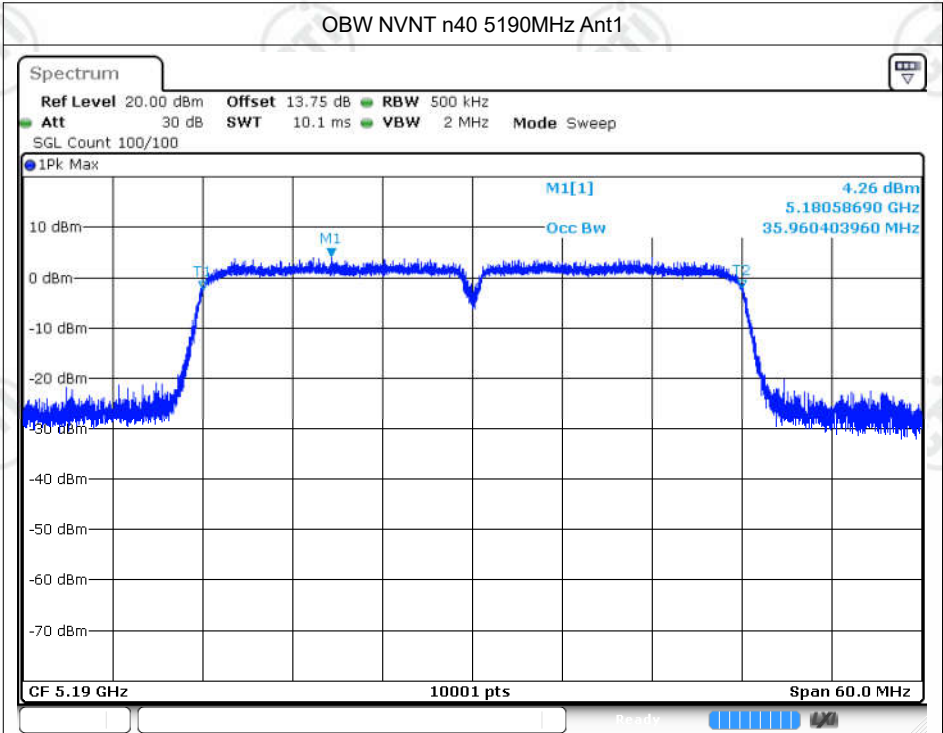
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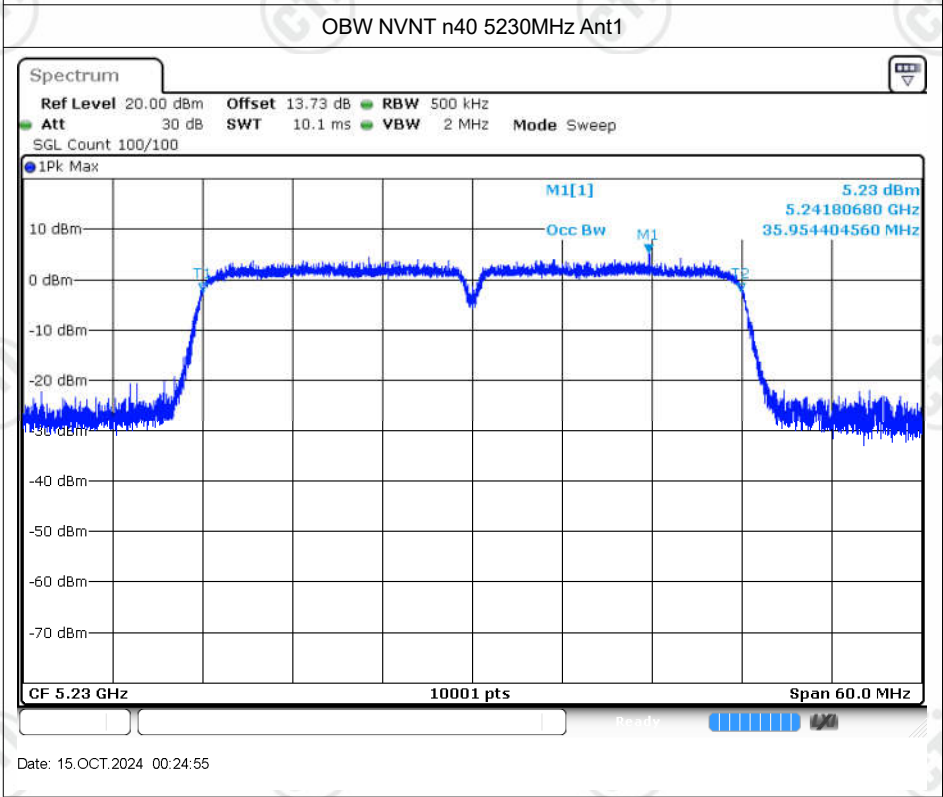
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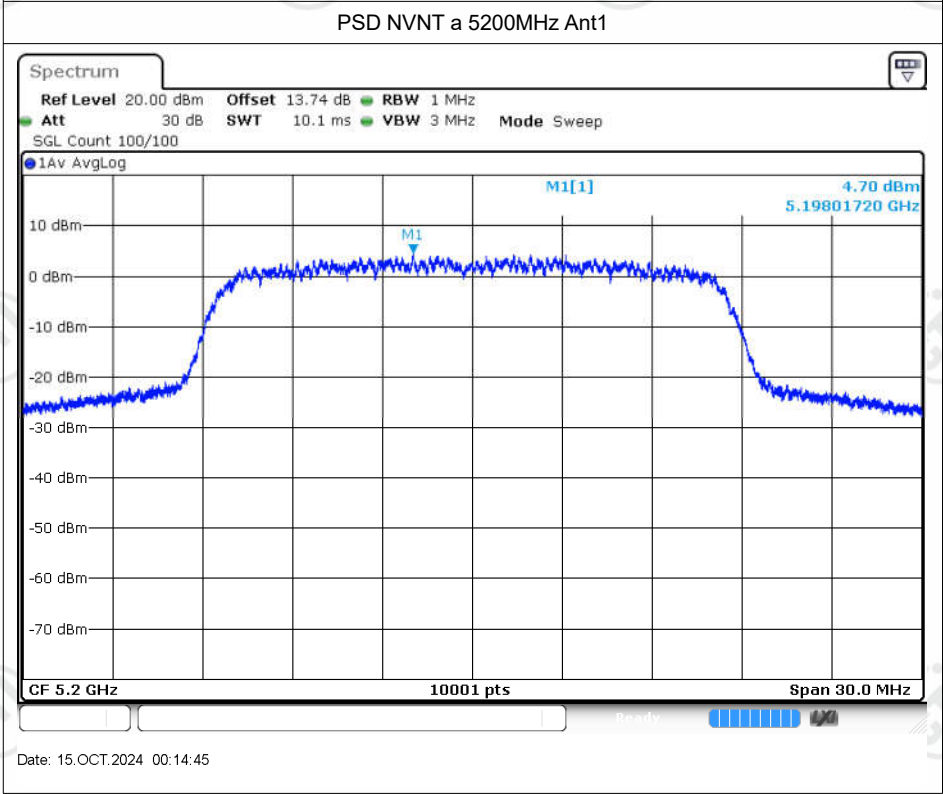
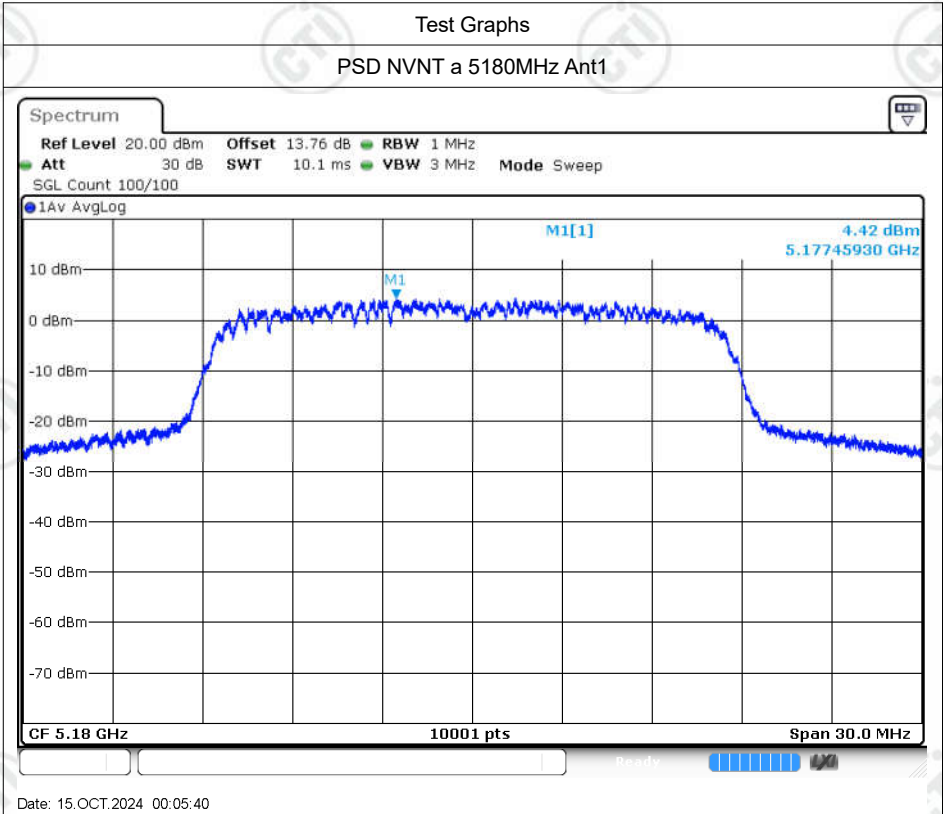


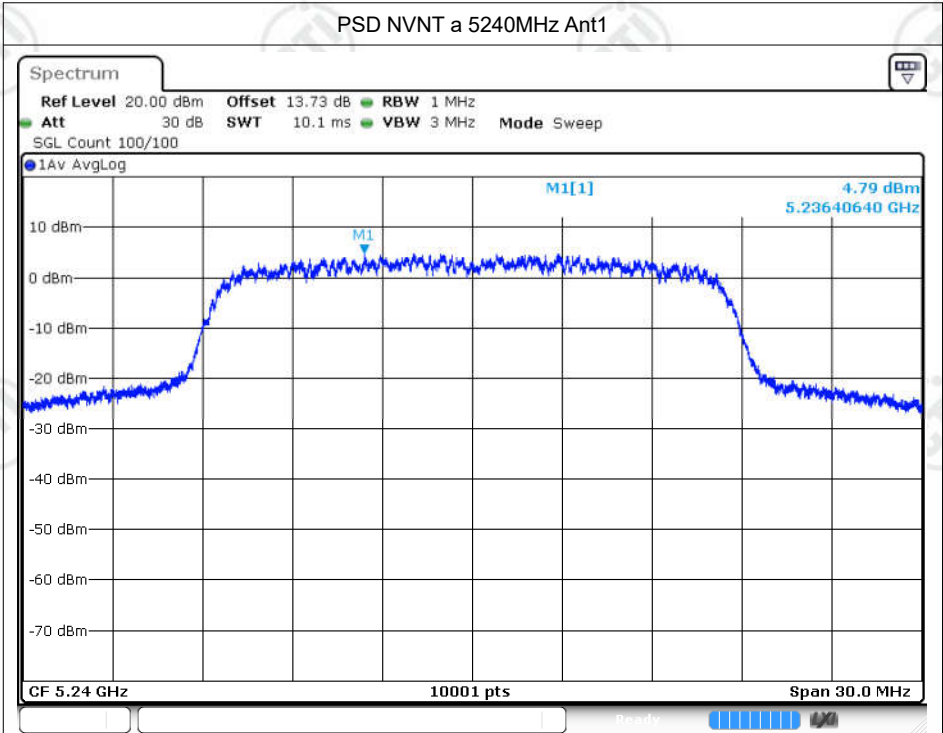
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Maximum Power Spectral Density Level

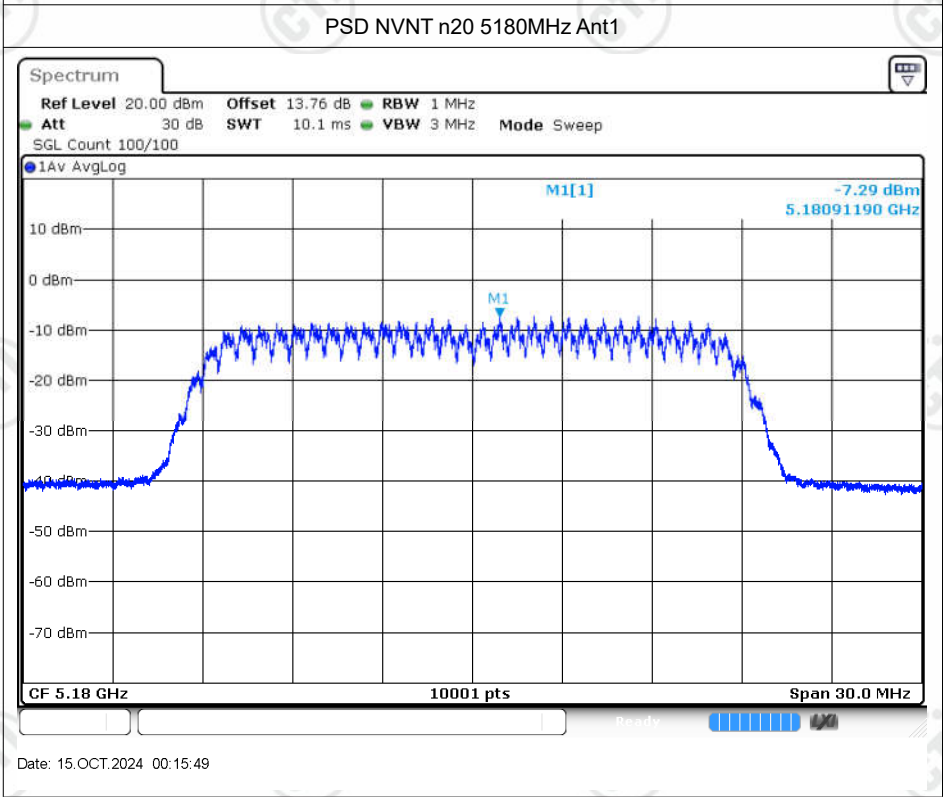
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Cycle Correction Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	4.42	0.12	4.54	11	Pass
NVNT	a	5200	Ant1	4.7	0.12	4.82	11	Pass
NVNT	a	5240	Ant1	4.79	0.12	4.91	11	Pass
NVNT	n20	5180	Ant1	-7.29	0.95	-6.34	11	Pass
NVNT	n20	5200	Ant1	4.72	0.13	4.85	11	Pass
NVNT	n20	5240	Ant1	4.97	0.13	5.1	11	Pass
NVNT	n40	5190	Ant1	-2.91	0.27	-2.64	11	Pass
NVNT	n40	5230	Ant1	-2.7	0.26	-2.44	11	Pass

Note:Total PSD (dBm) has been added Duty Cycle Correction Factor (dB);

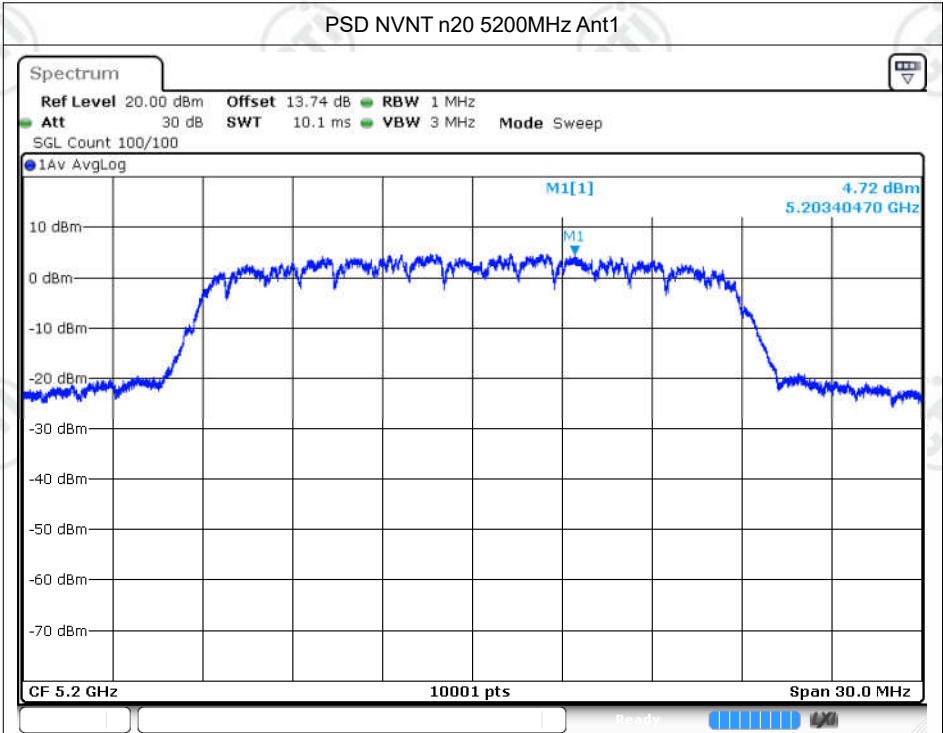




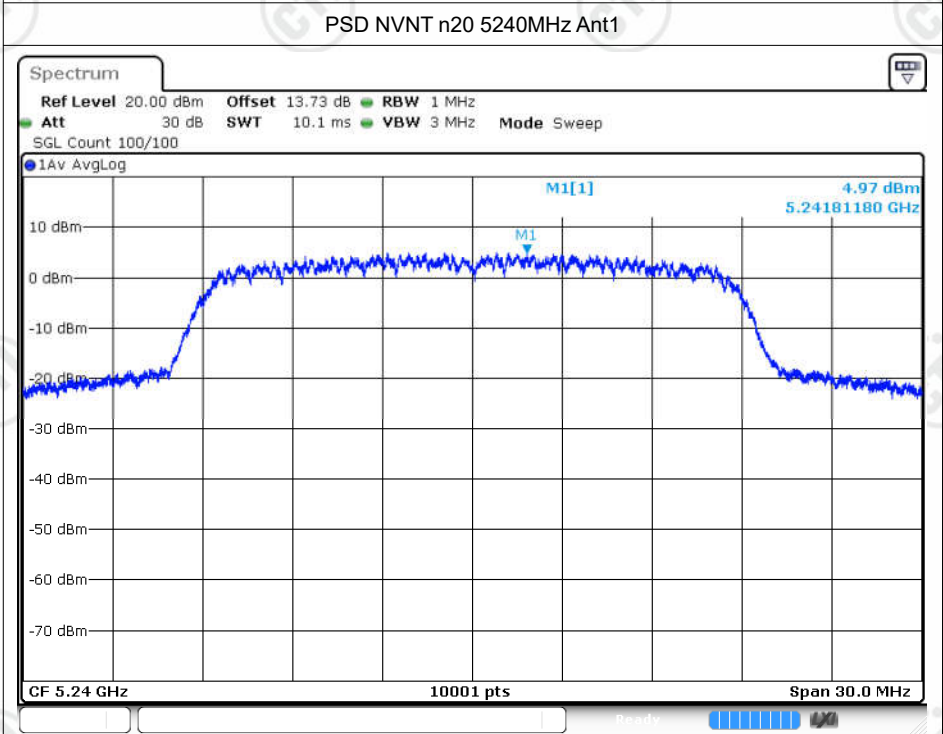
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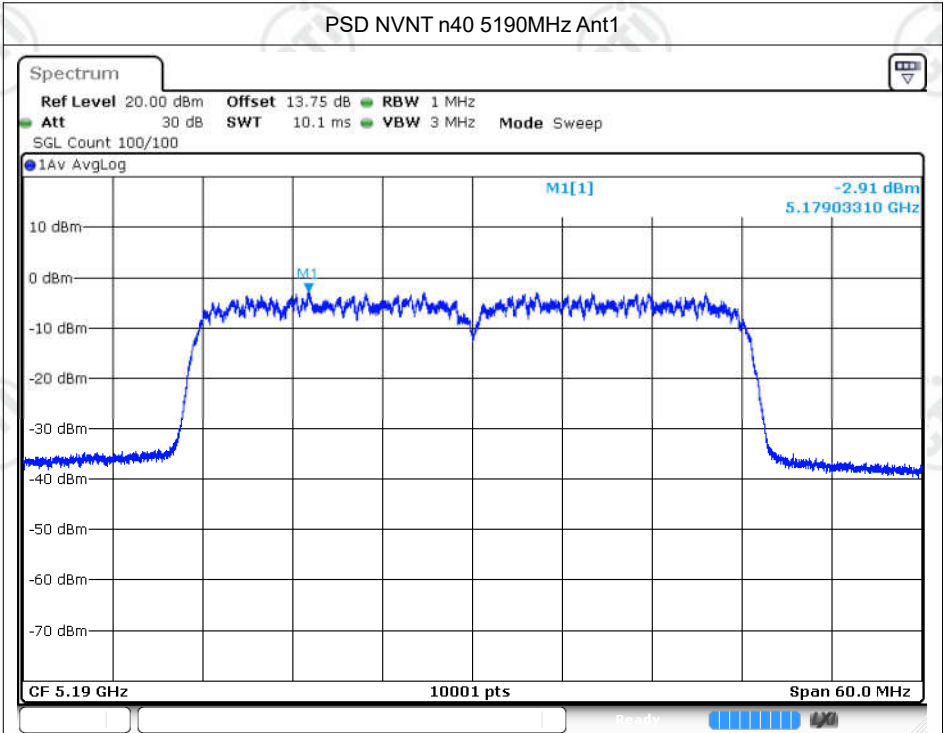
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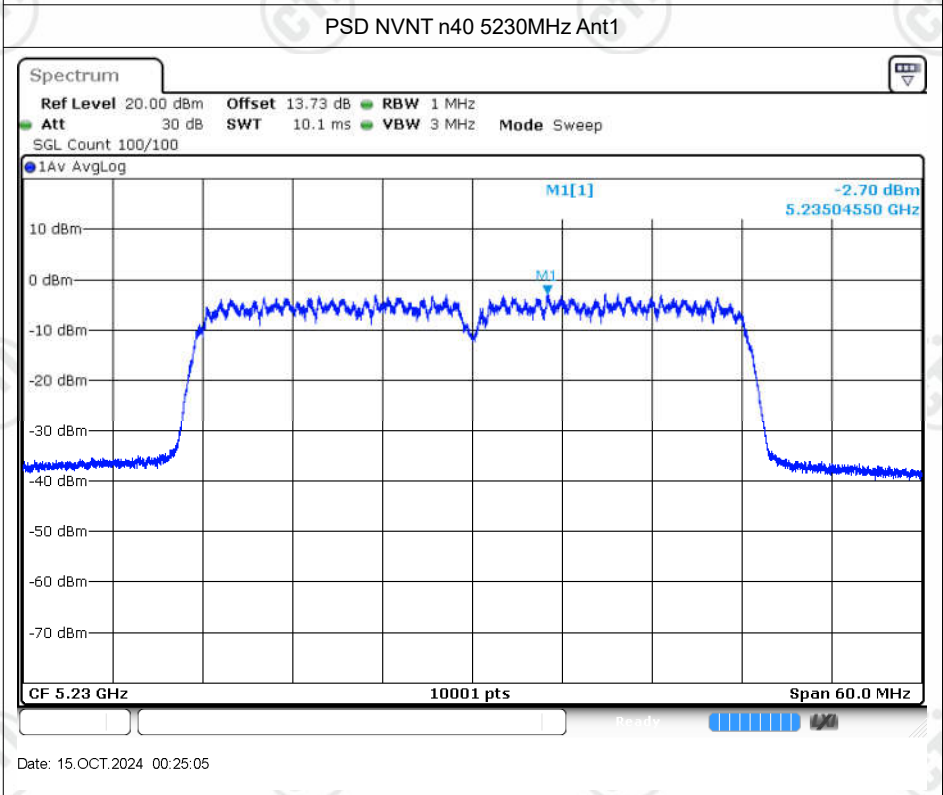
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Date: 15.OCT.2024 00:23:27



Date: 15.OCT.2024 00:25:05

Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 102V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 120V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 138V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-20C 120V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-10C 120V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
0C 120V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
10C 120V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
30C 120V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
40C 120V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
50C 120V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 102V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 120V	a	5240	Ant1	5240	0	0	25	Pass
20C 138V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
-20C 120V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
-10C 120V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
0C 120V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
10C 120V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
30C 120V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
40C 120V	a	5240	Ant1	5240	0	0	25	Pass
50C 120V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 102V	n20	5180	Ant1	5180	0	0	25	Pass
20C 120V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 138V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
-20C 120V	n20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
-10C 120V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
0C 120V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
10C 120V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
30C 120V	n20	5180	Ant1	5180	0	0	25	Pass
40C 120V	n20	5180	Ant1	5180	0	0	25	Pass
50C 120V	n20	5180	Ant1	5180	0	0	25	Pass
20C 102V	n20	5240	Ant1	5240	0	0	25	Pass
20C 120V	n20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
20C 138V	n20	5240	Ant1	5240	0	0	25	Pass
-20C 120V	n20	5240	Ant1	5240	0	0	25	Pass
-10C 120V	n20	5240	Ant1	5240	0	0	25	Pass
0C 120V	n20	5240	Ant1	5240	0	0	25	Pass
10C 120V	n20	5240	Ant1	5240	0	0	25	Pass

30C 120V	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
40C 120V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
50C 120V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 102V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 120V	n40	5190	Ant1	5190	0	0	25	Pass
20C 138V	n40	5190	Ant1	5190	0	0	25	Pass
-20C 120V	n40	5190	Ant1	5190	0	0	25	Pass
-10C 120V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
0C 120V	n40	5190	Ant1	5190	0	0	25	Pass
10C 120V	n40	5190	Ant1	5190	0	0	25	Pass
30C 120V	n40	5190	Ant1	5190	0	0	25	Pass
40C 120V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
50C 120V	n40	5190	Ant1	5190	0	0	25	Pass
20C 102V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 120V	n40	5230	Ant1	5230	0	0	25	Pass
20C 138V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
-20C 120V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
-10C 120V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
0C 120V	n40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
10C 120V	n40	5230	Ant1	5230	0	0	25	Pass
30C 120V	n40	5230	Ant1	5230	0	0	25	Pass
40C 120V	n40	5230	Ant1	5230	0	0	25	Pass
50C 120V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass

END OF REPORT