

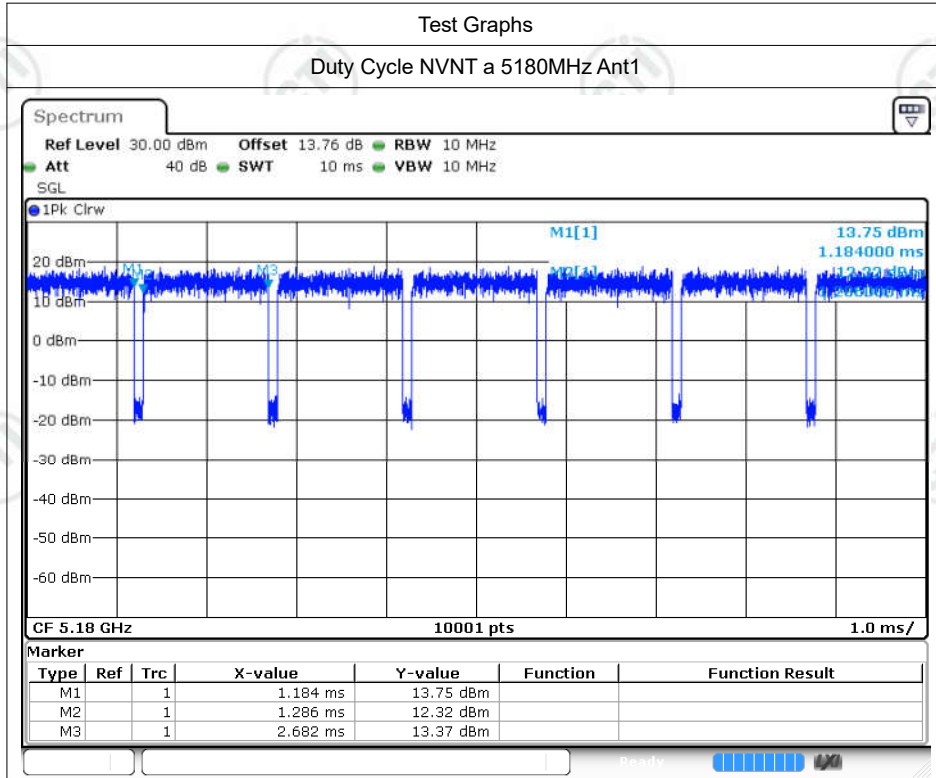
Appendix: 5G Wi-Fi

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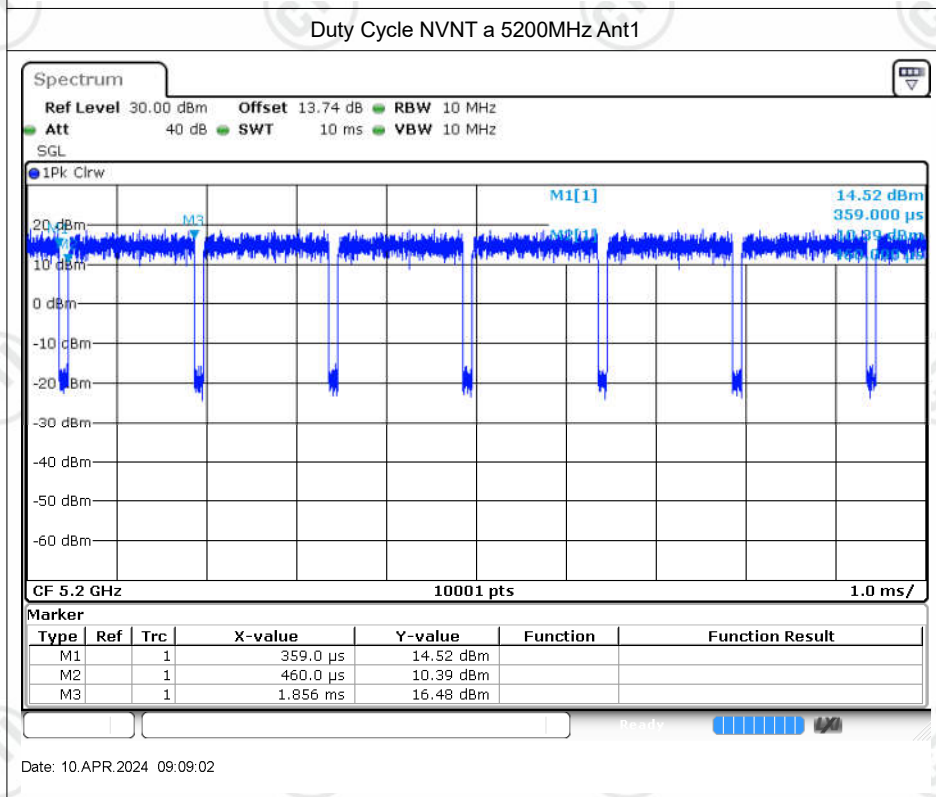
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Duty Cycle

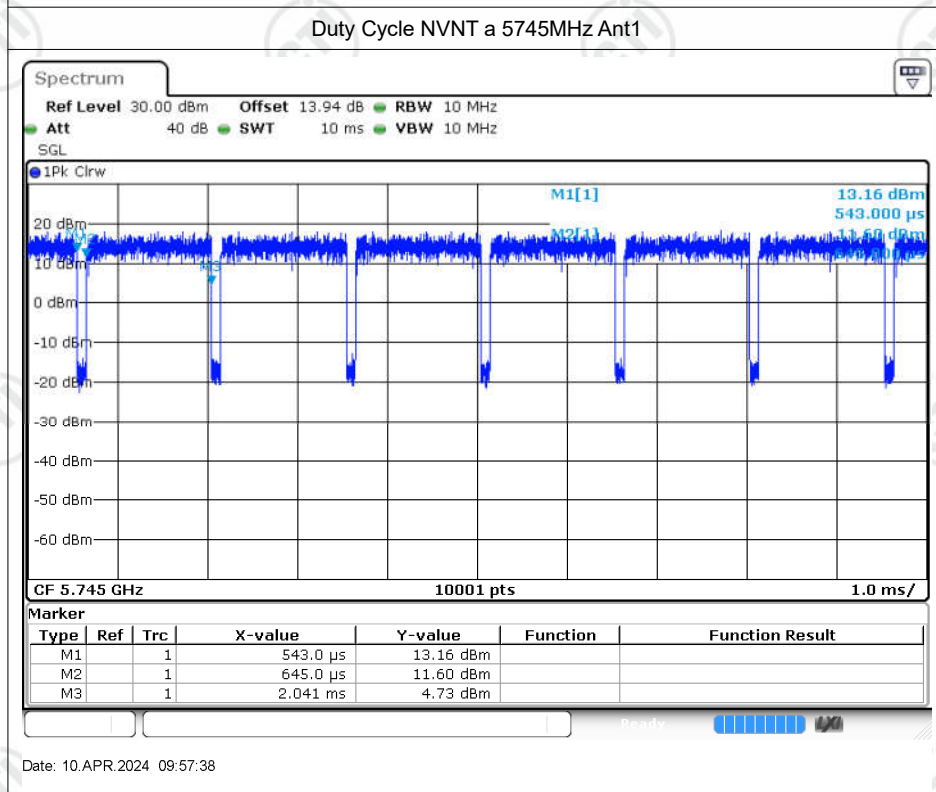
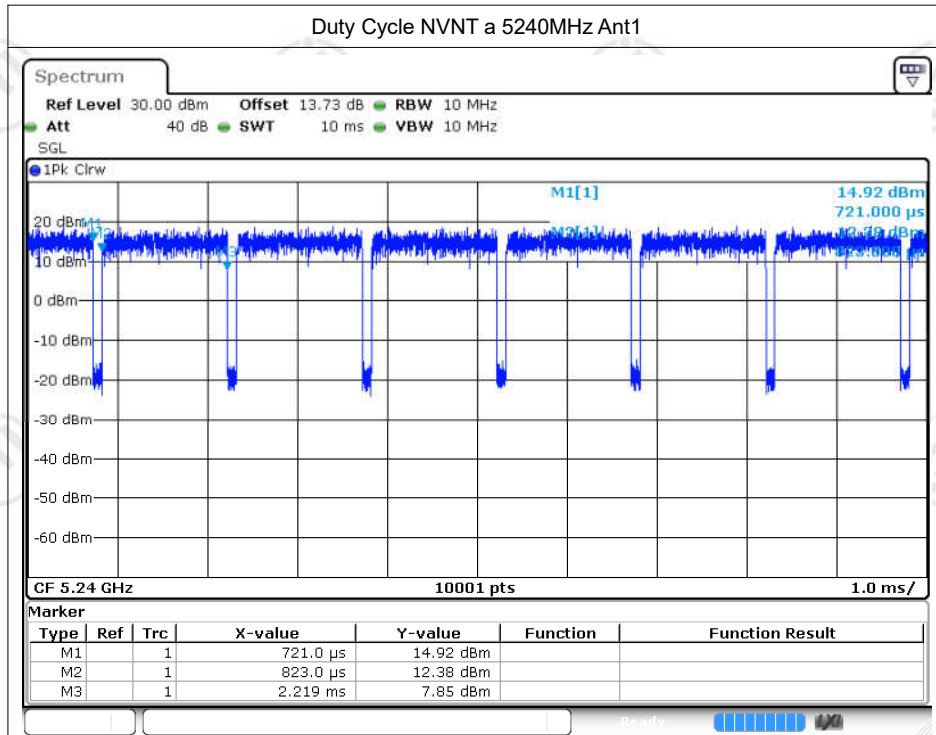
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	93.19	0.31	0.72
NVNT	a	5200	Ant1	93.25	0.3	0.72
NVNT	a	5240	Ant1	93.19	0.31	0.72
NVNT	a	5745	Ant1	93.19	0.31	0.72
NVNT	a	5785	Ant1	93.19	0.31	0.72
NVNT	a	5825	Ant1	93.19	0.31	0.72
NVNT	n20	5180	Ant1	92.77	0.33	0.76
NVNT	n20	5200	Ant1	92.77	0.33	0.76
NVNT	n20	5240	Ant1	92.86	0.32	0.76
NVNT	n20	5745	Ant1	92.86	0.32	0.76
NVNT	n20	5785	Ant1	92.77	0.33	0.76
NVNT	n20	5825	Ant1	92.77	0.33	0.76
NVNT	n40	5190	Ant1	93.91	0.27	1.54
NVNT	n40	5230	Ant1	93.91	0.27	1.54
NVNT	n40	5755	Ant1	93.91	0.27	1.54
NVNT	n40	5795	Ant1	93.91	0.27	1.54
NVNT	ac20	5180	Ant1	96.98	0.13	0.76
NVNT	ac20	5200	Ant1	96.98	0.13	0.76
NVNT	ac20	5240	Ant1	96.98	0.13	0.76
NVNT	ac20	5745	Ant1	96.91	0.14	0.76
NVNT	ac20	5785	Ant1	96.98	0.13	0.76
NVNT	ac20	5825	Ant1	96.98	0.13	0.76
NVNT	ac40	5190	Ant1	93.98	0.27	1.53
NVNT	ac40	5230	Ant1	94.19	0.26	1.52
NVNT	ac40	5755	Ant1	94.25	0.26	1.52
NVNT	ac40	5795	Ant1	94.25	0.26	1.52
NVNT	ac80	5210	Ant1	88.52	0.53	3.09
NVNT	ac80	5775	Ant1	76.06	1.19	3.09

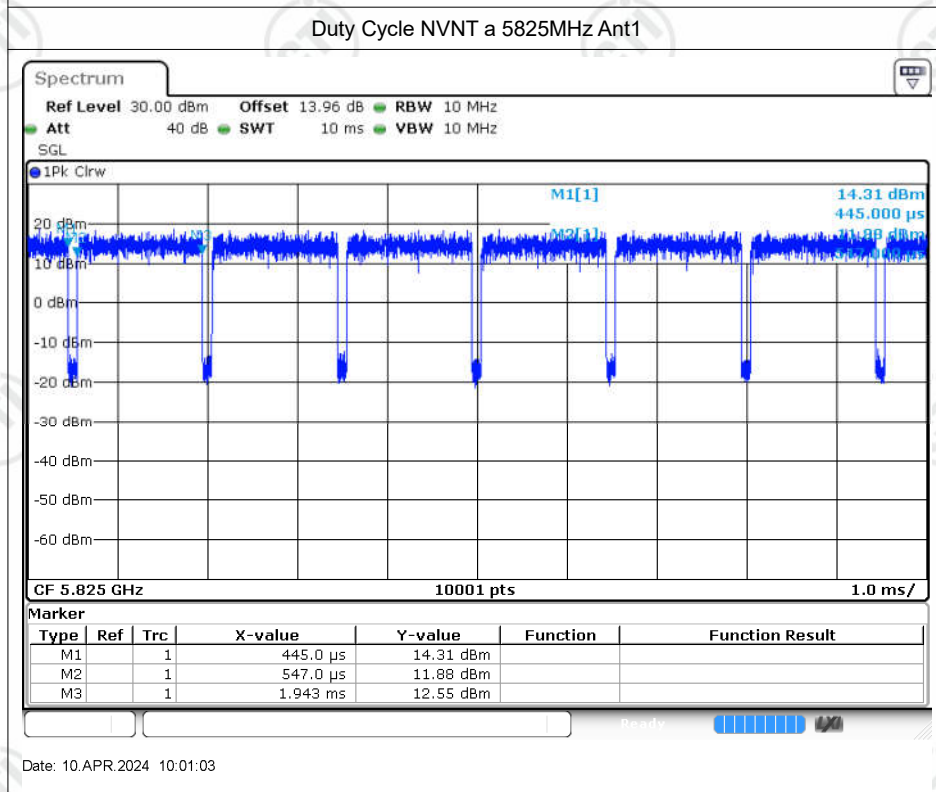
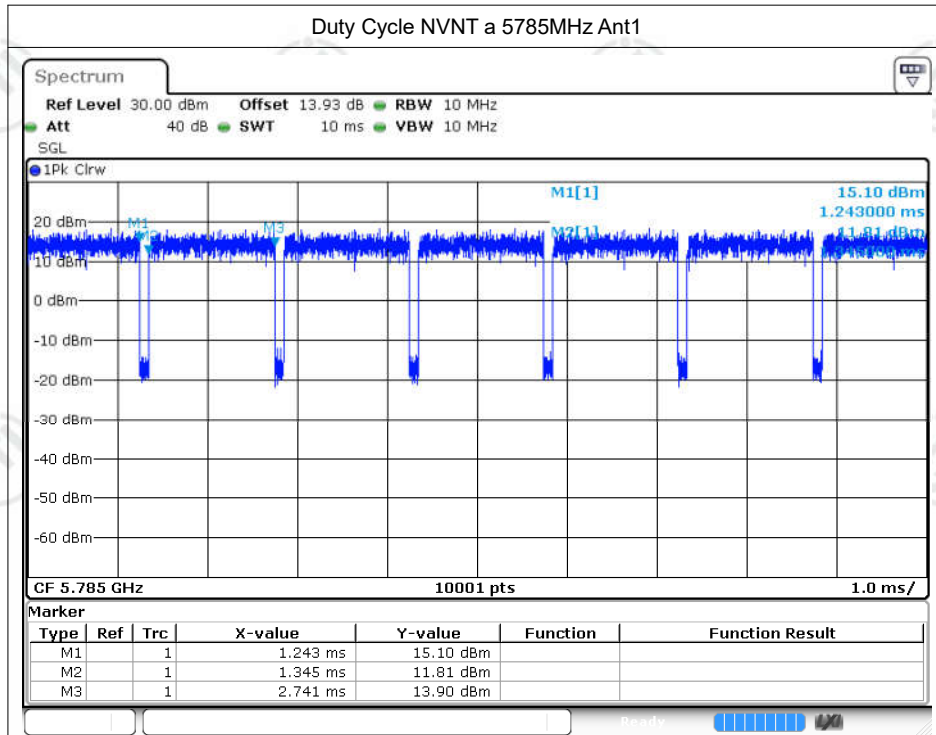


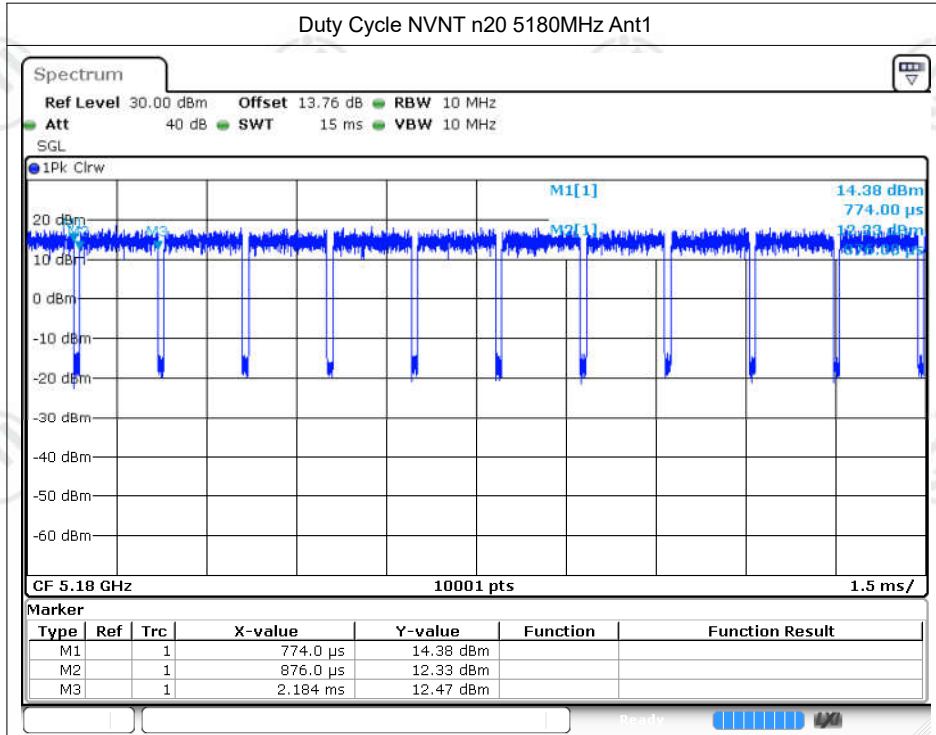
Date: 10.APR.2024 09:06:14



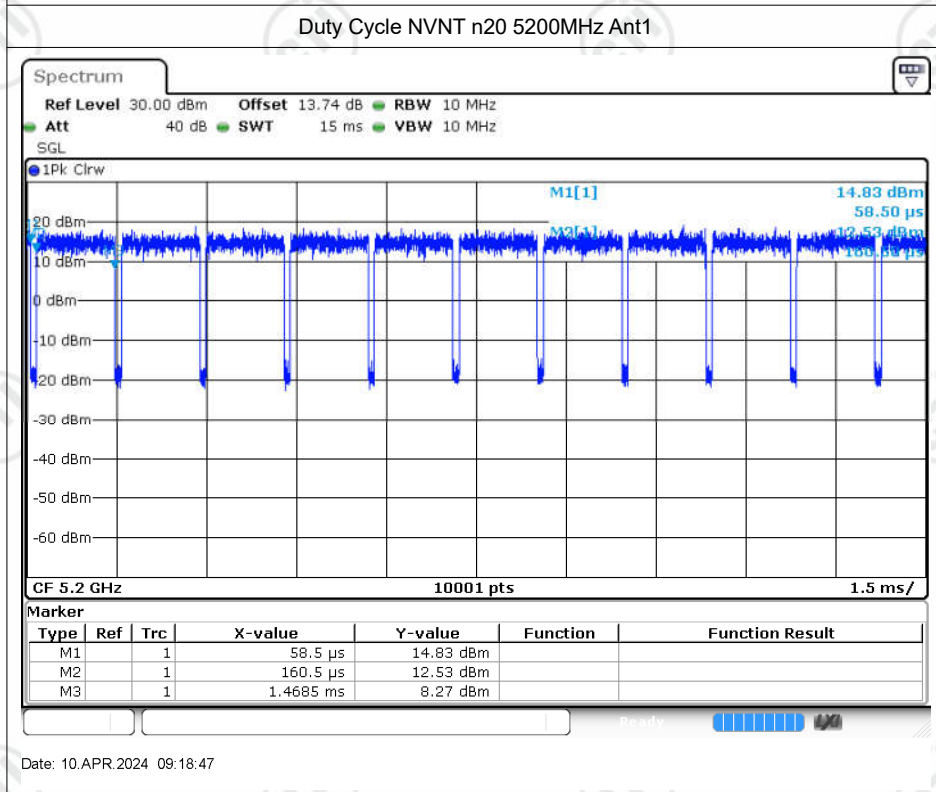
Date: 10.APR.2024 09:09:02



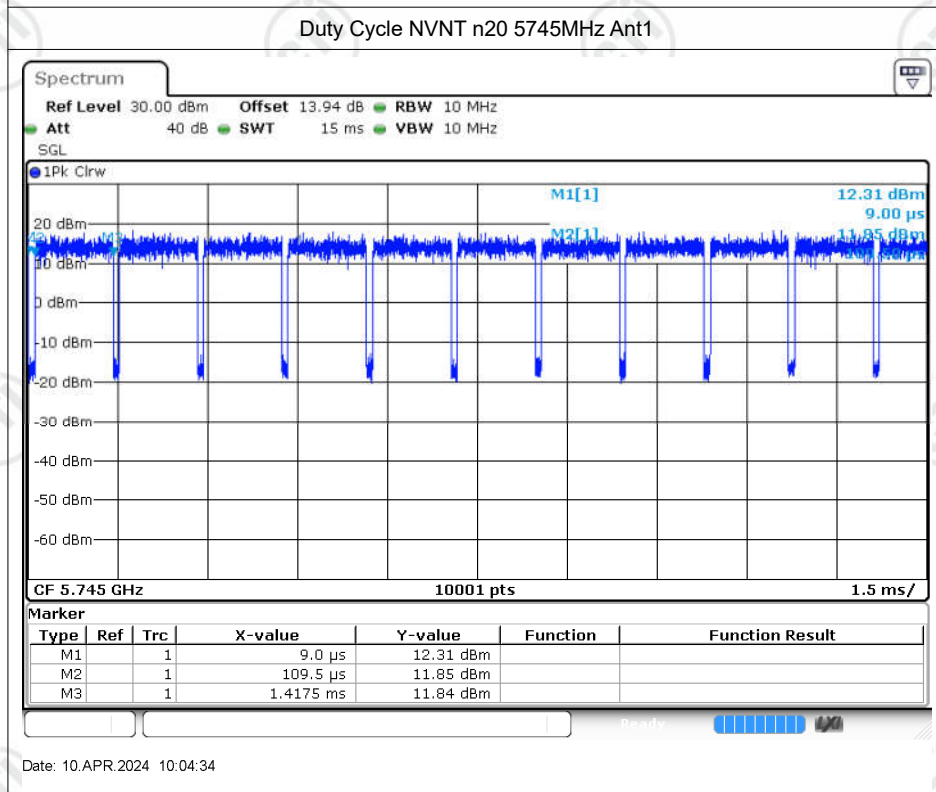
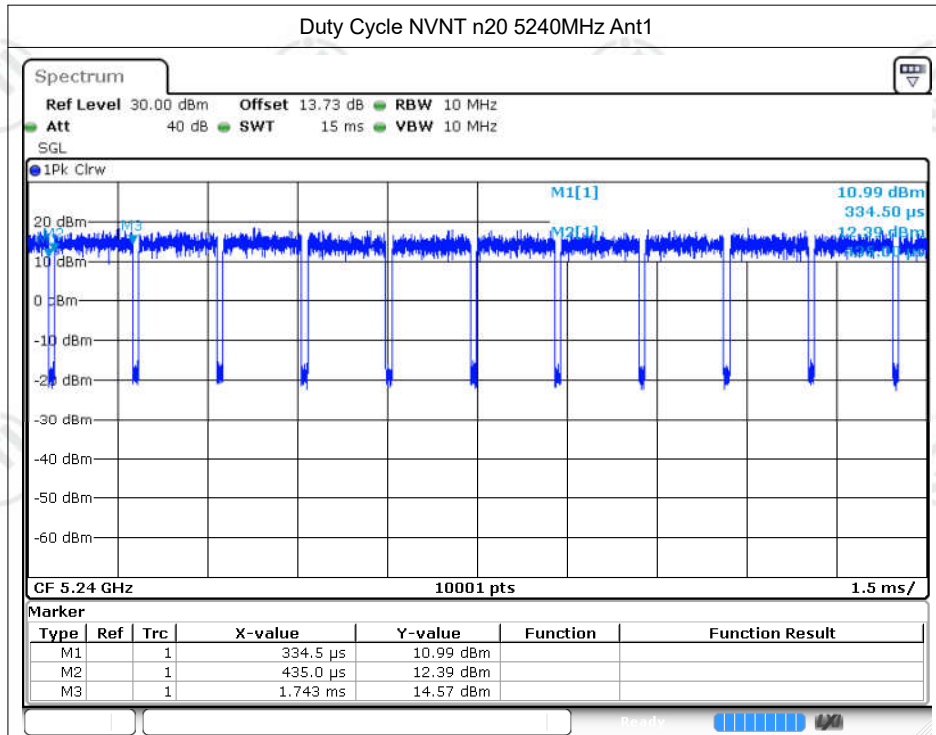


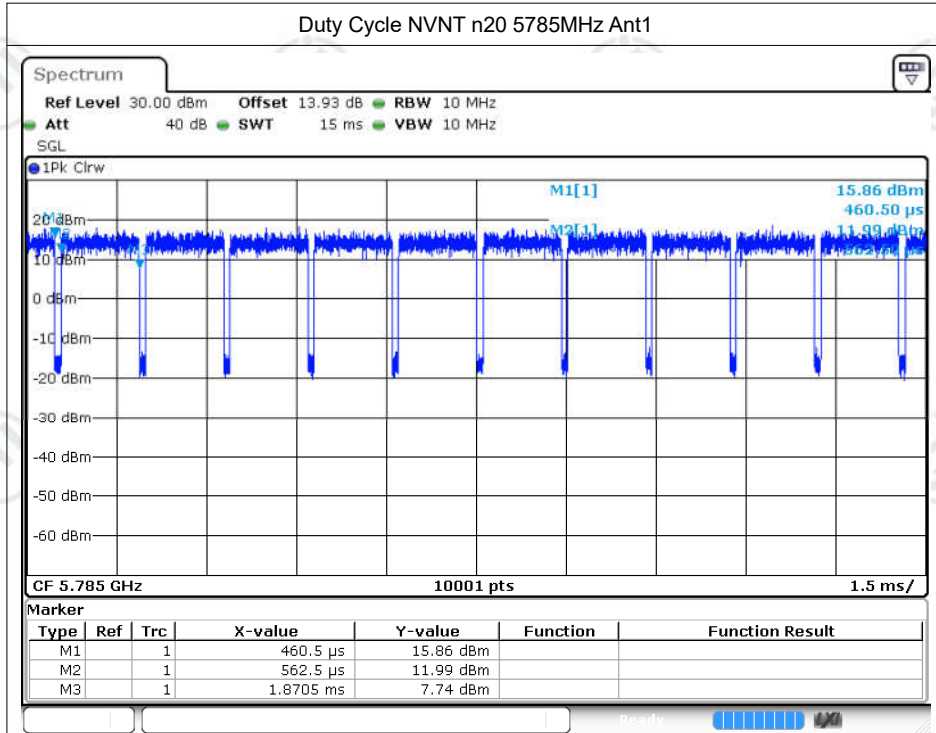


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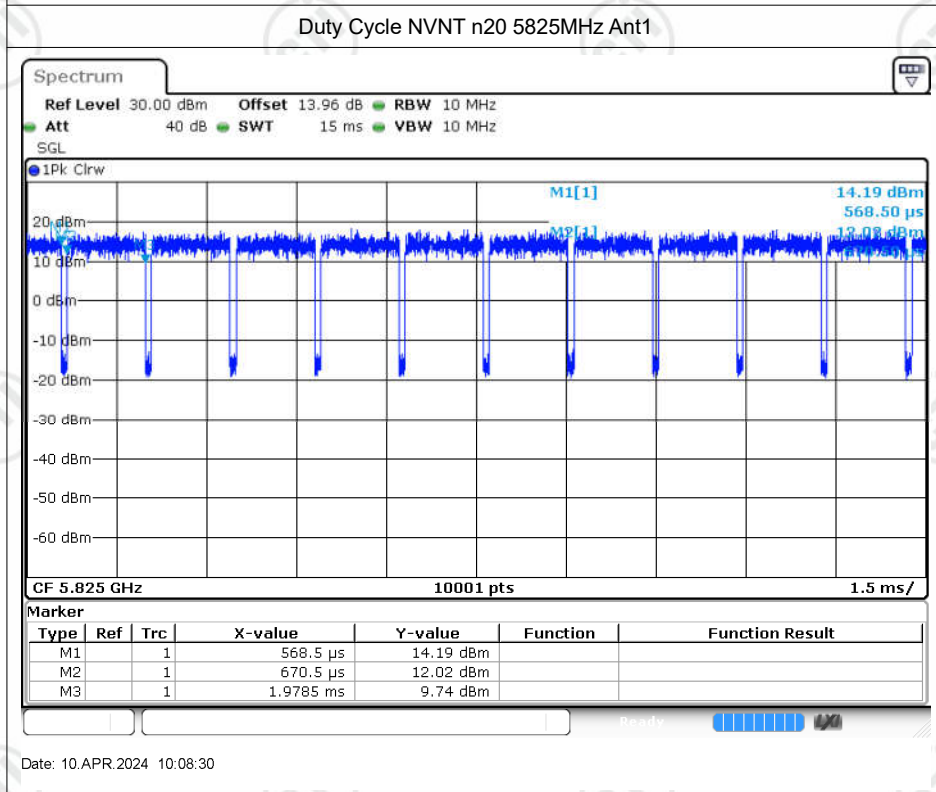


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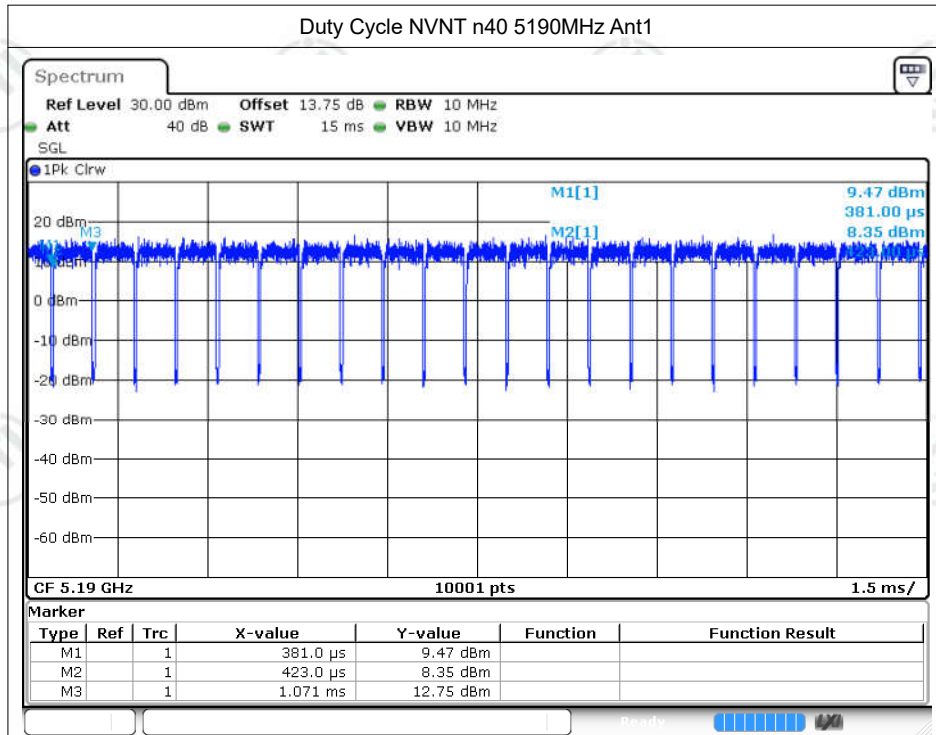




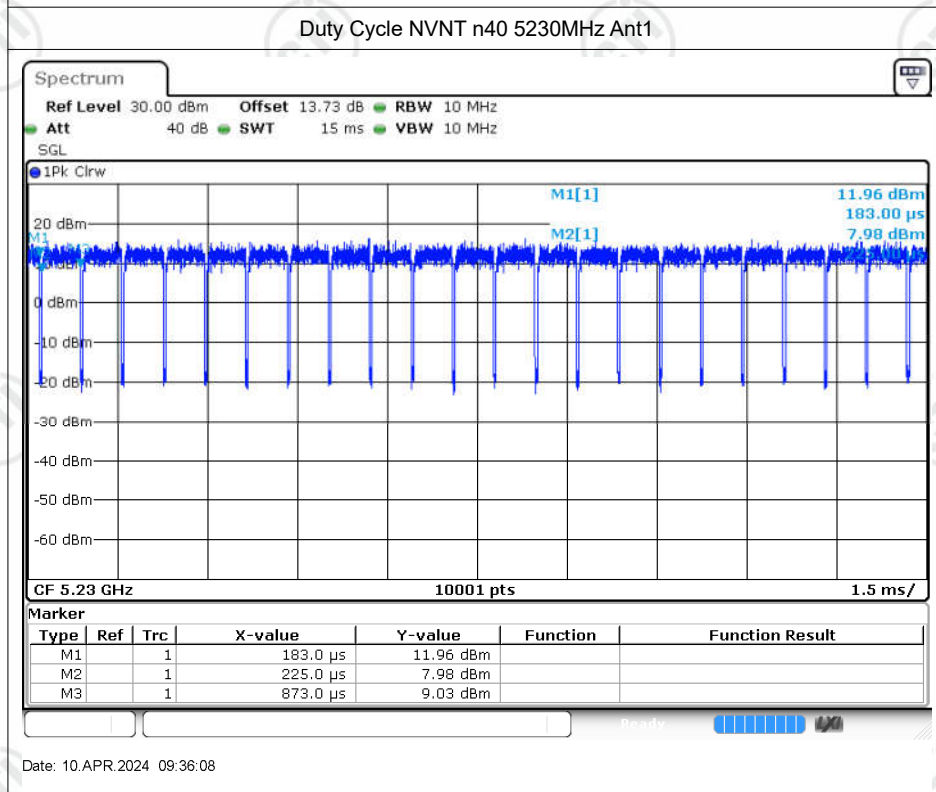
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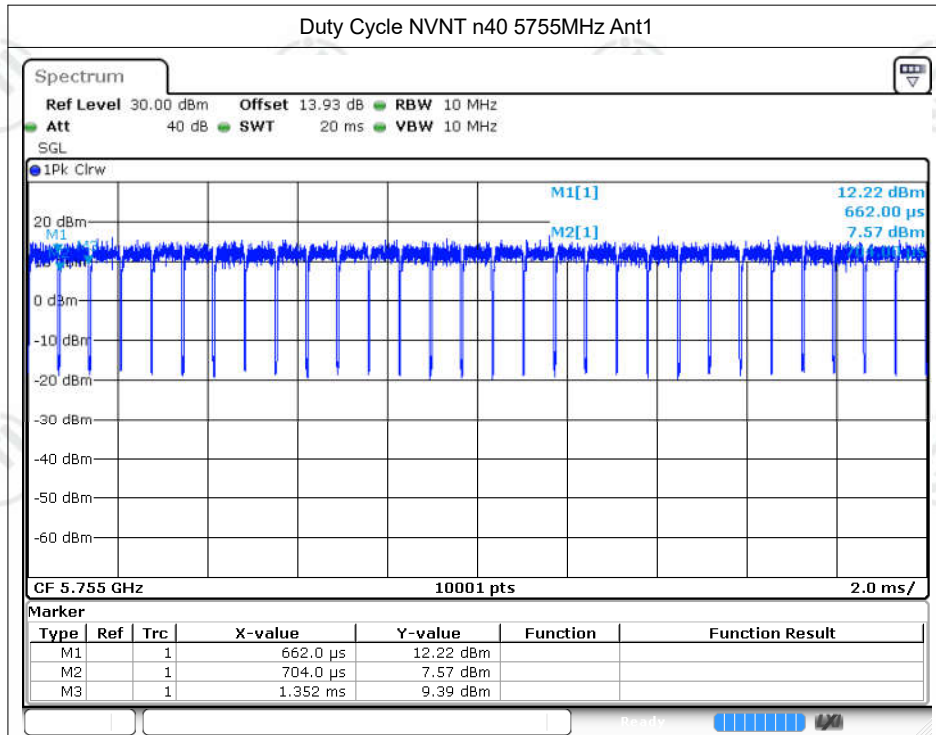
Date: 10.APR.2024 10:08:30



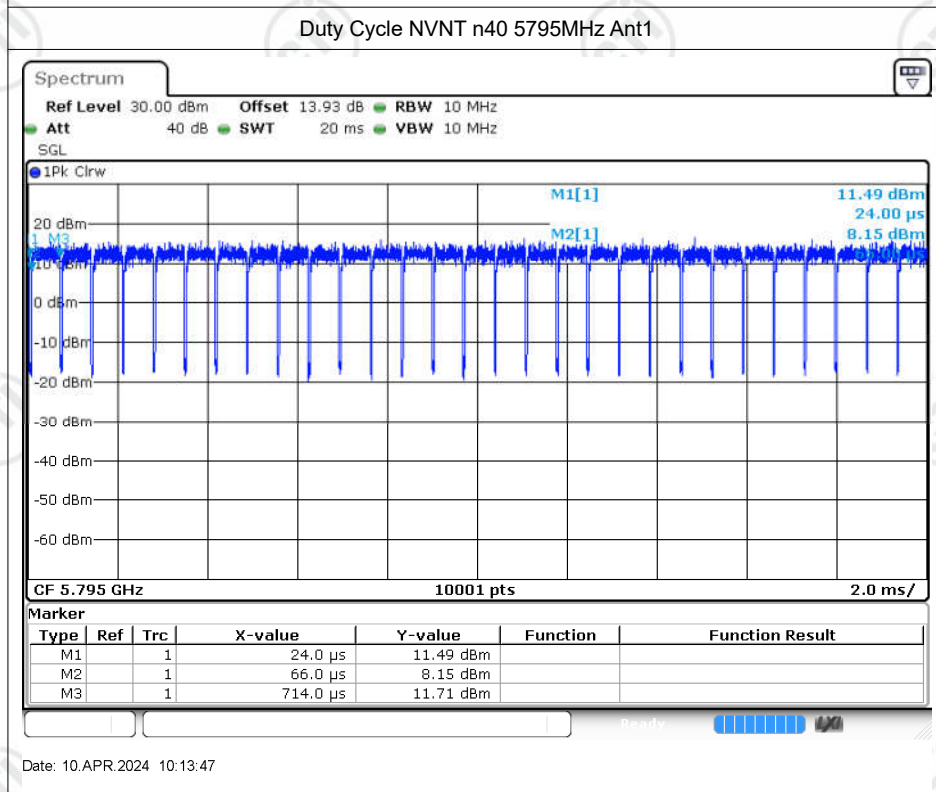
Date: 10.APR.2024 09:33:56



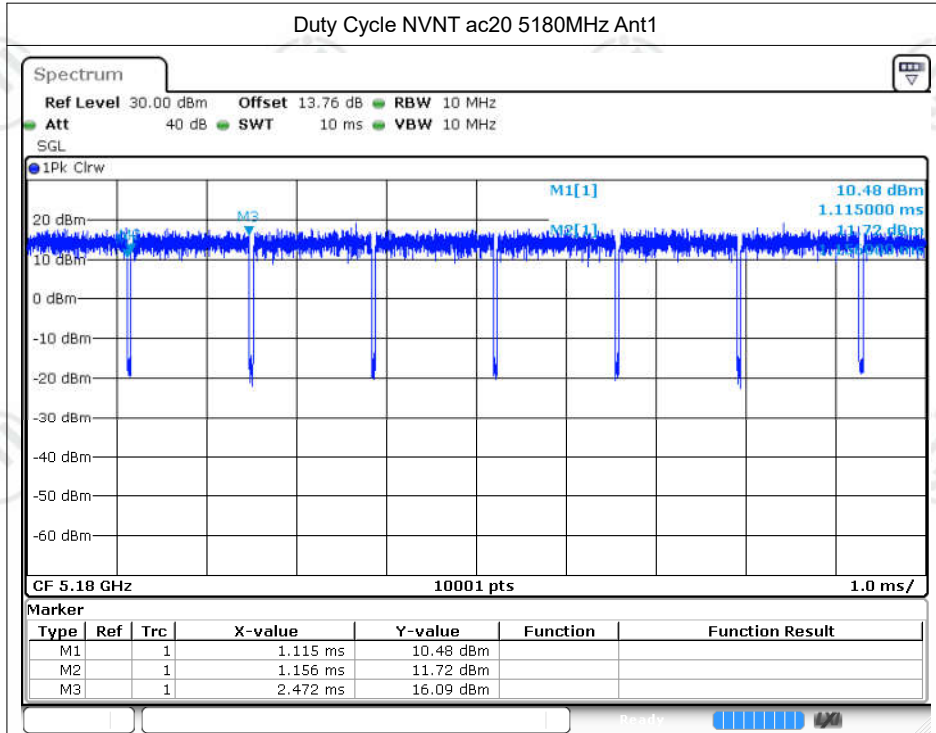
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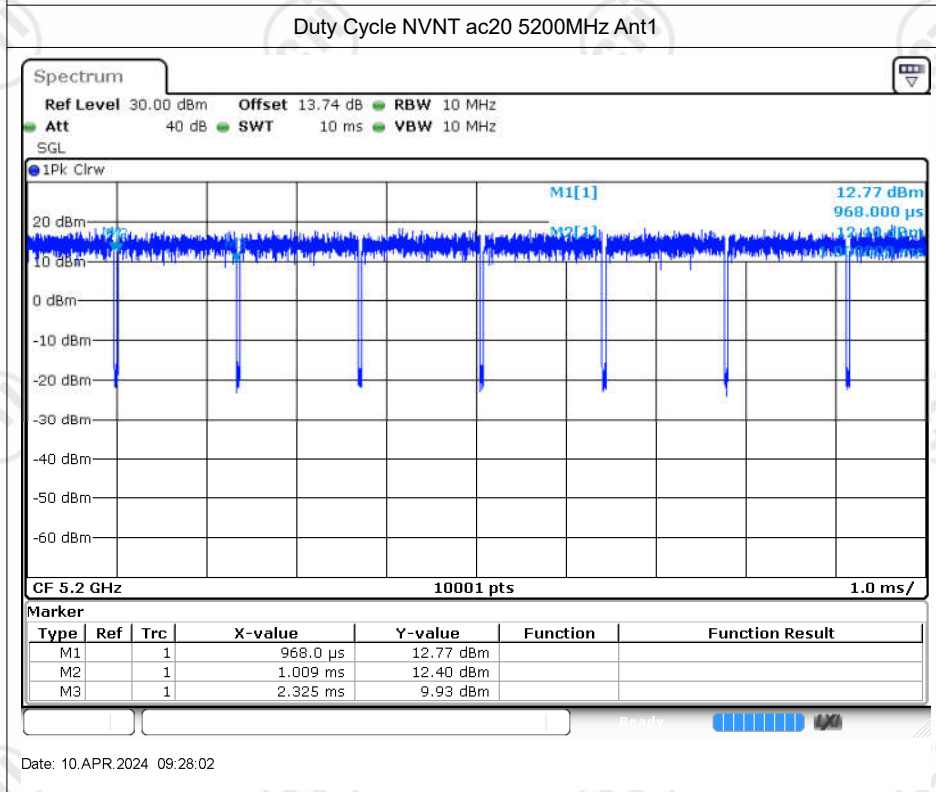
Date: 10.APR.2024 10:11:34



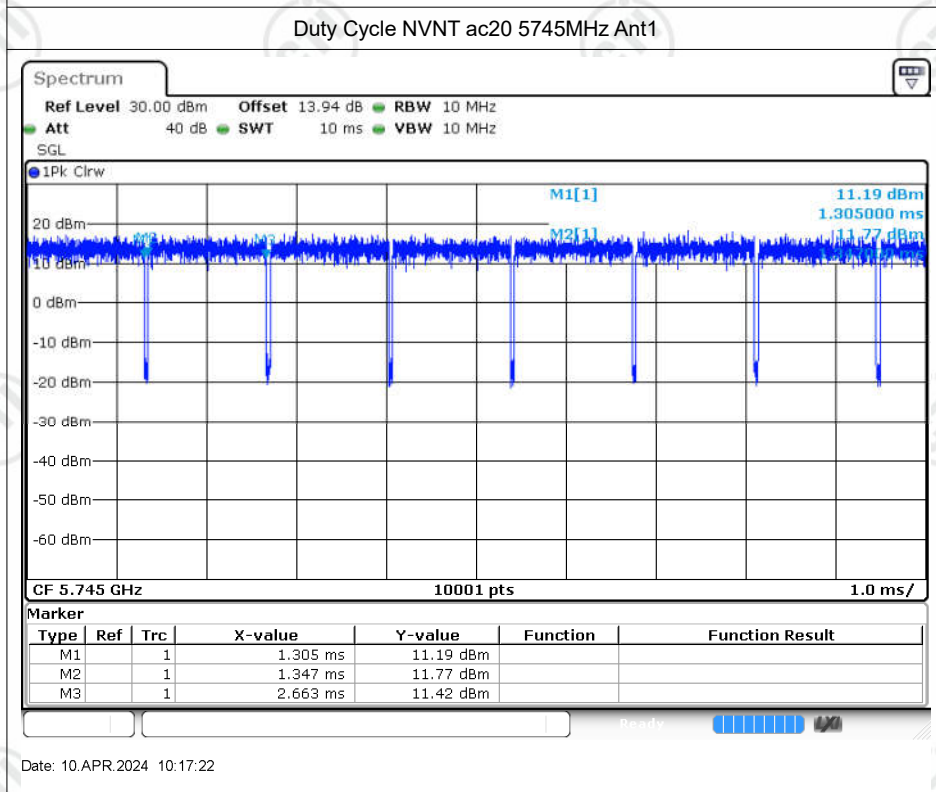
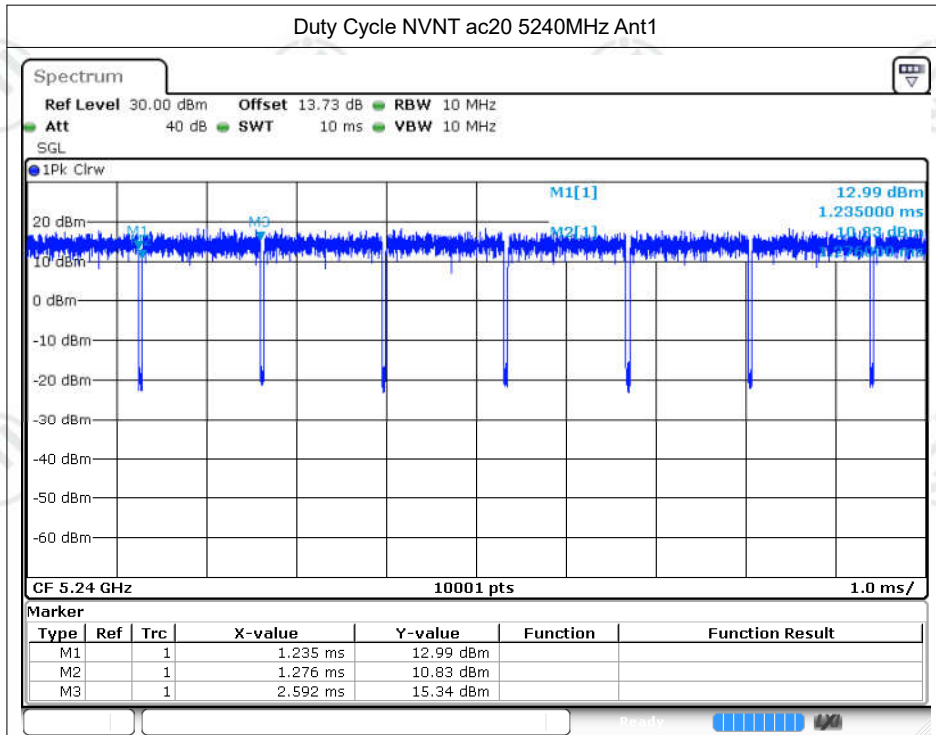
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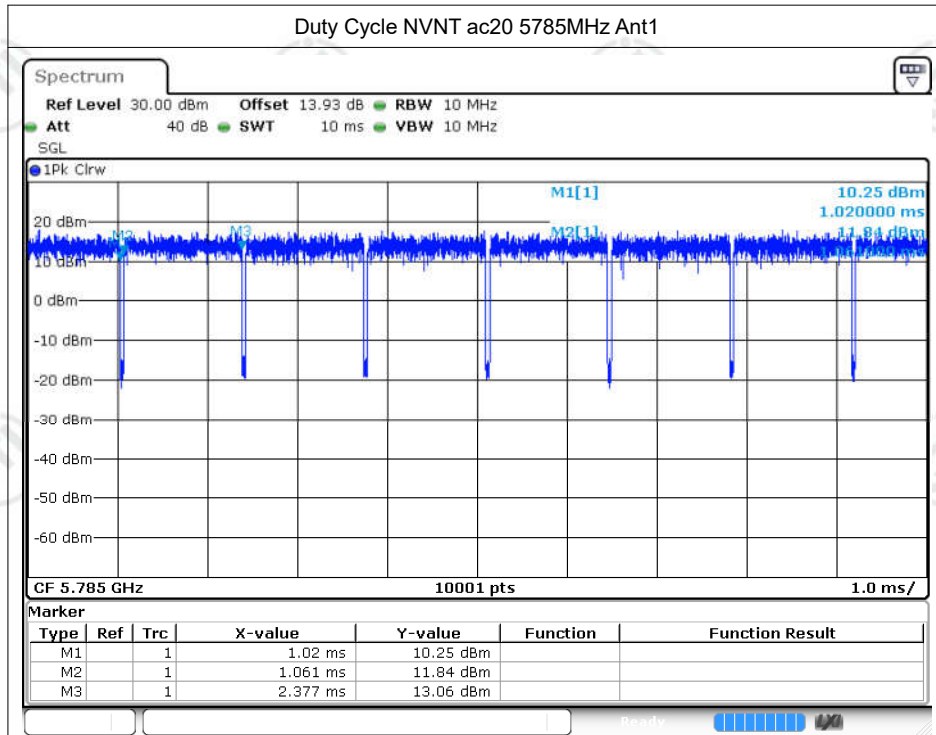


Date: 10.APR.2024 09:26:04

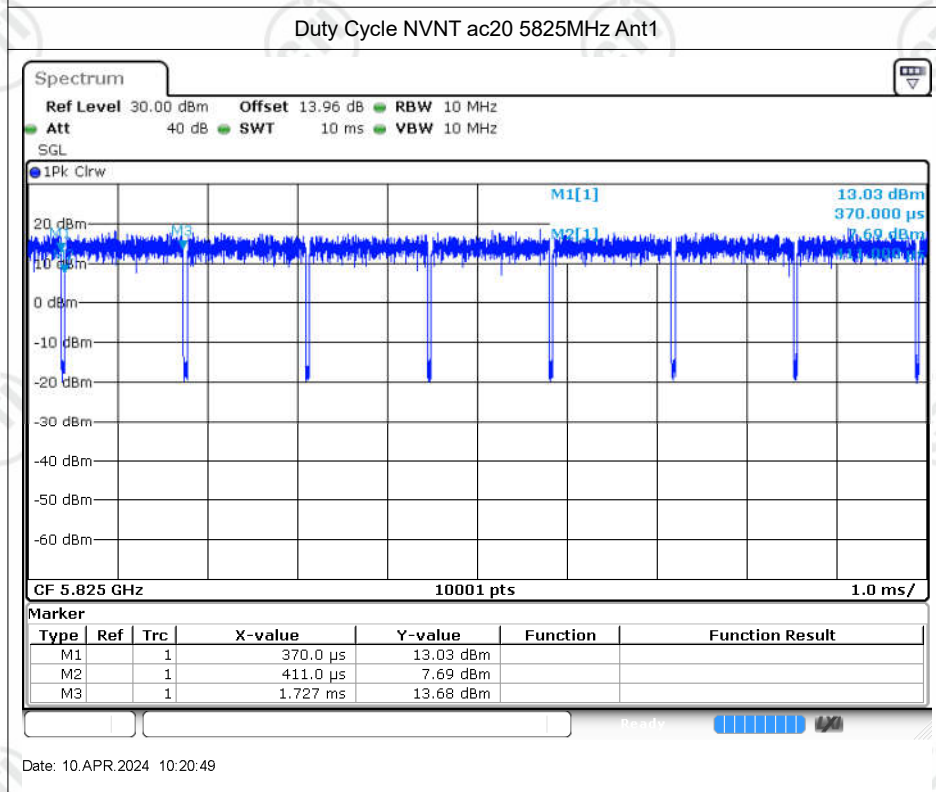


Date: 10.APR.2024 09:28:02

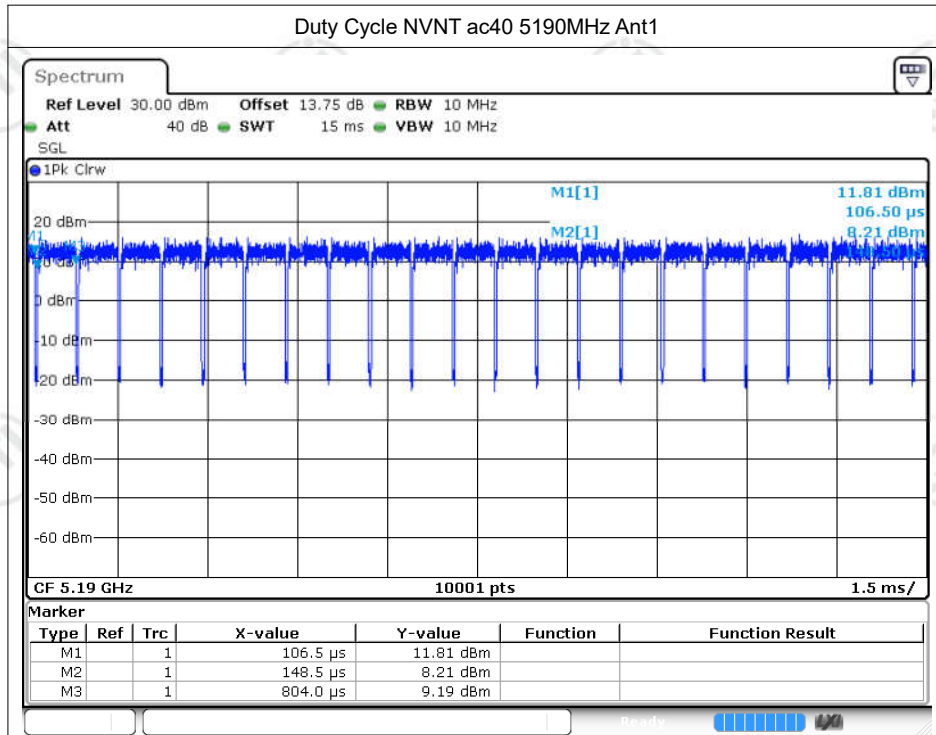




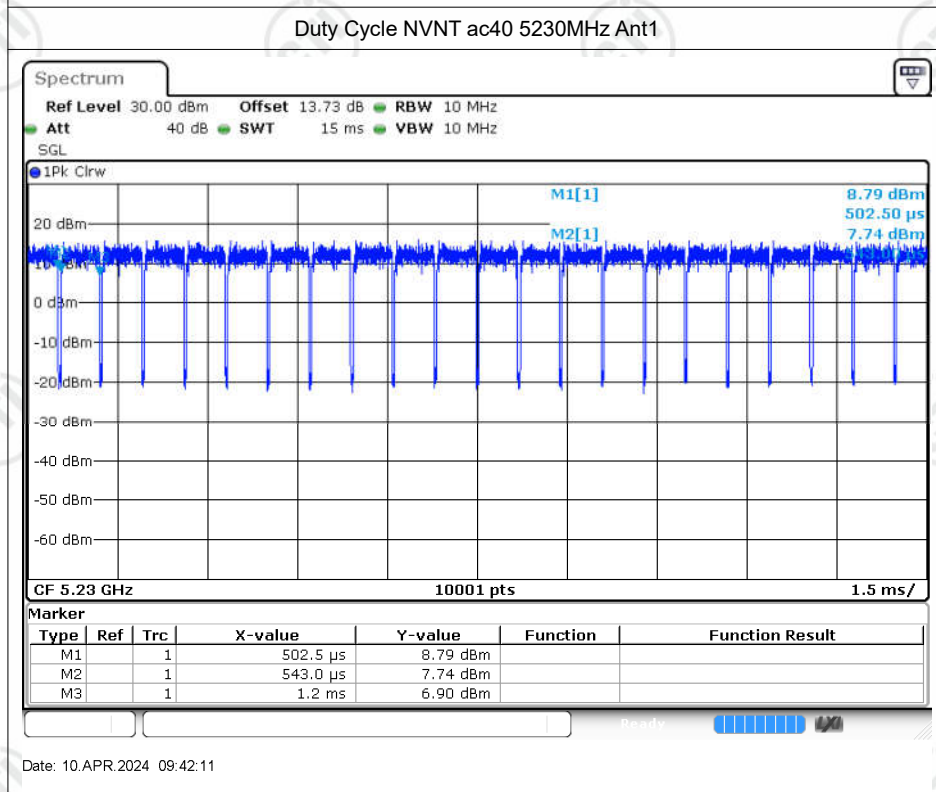
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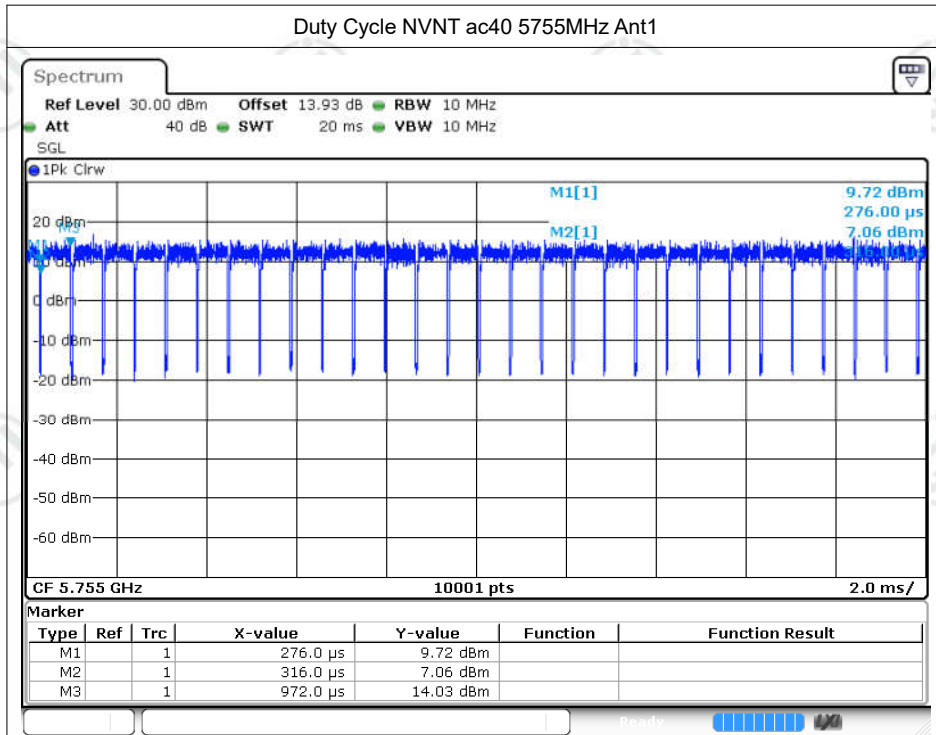
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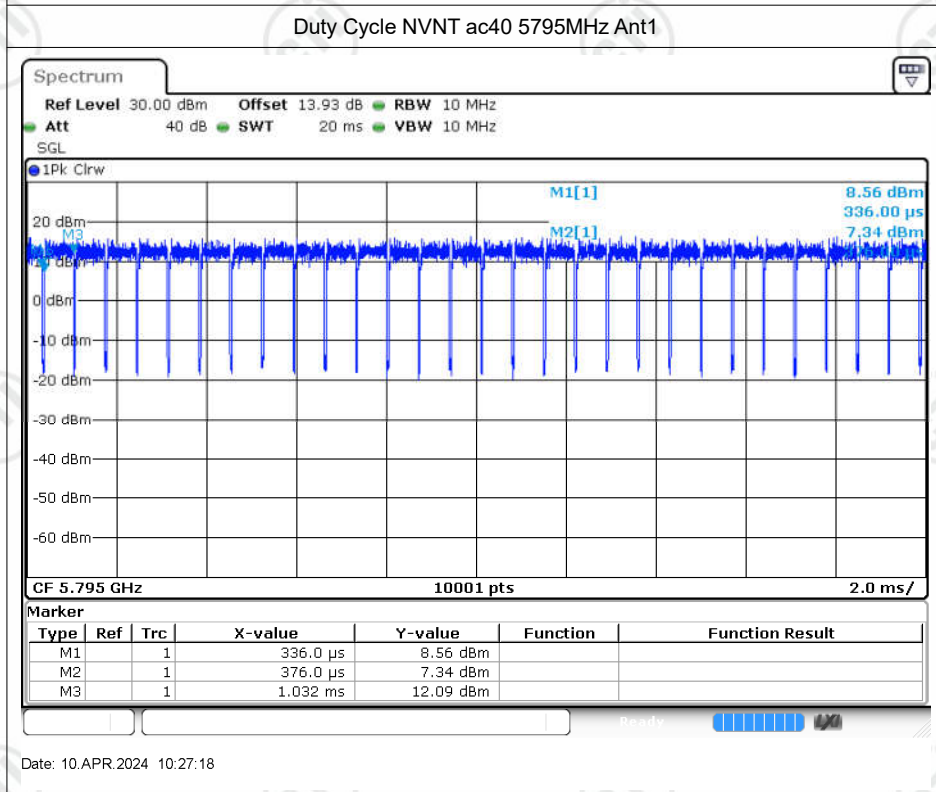
Date: 10.APR.2024 09:39:40



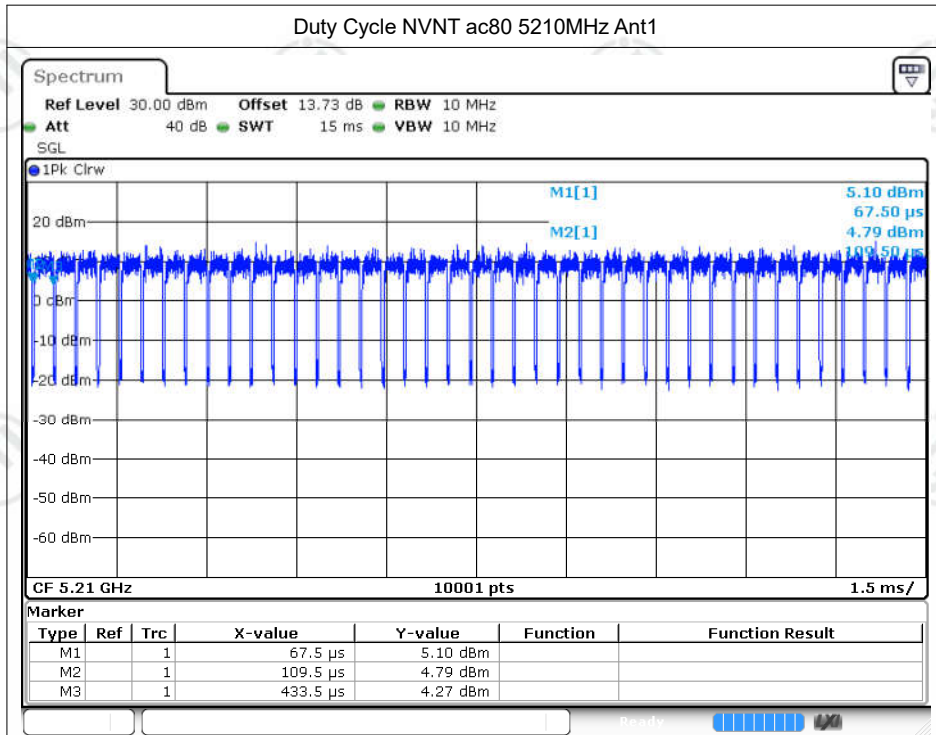
Date: 10.APR.2024 09:42:11



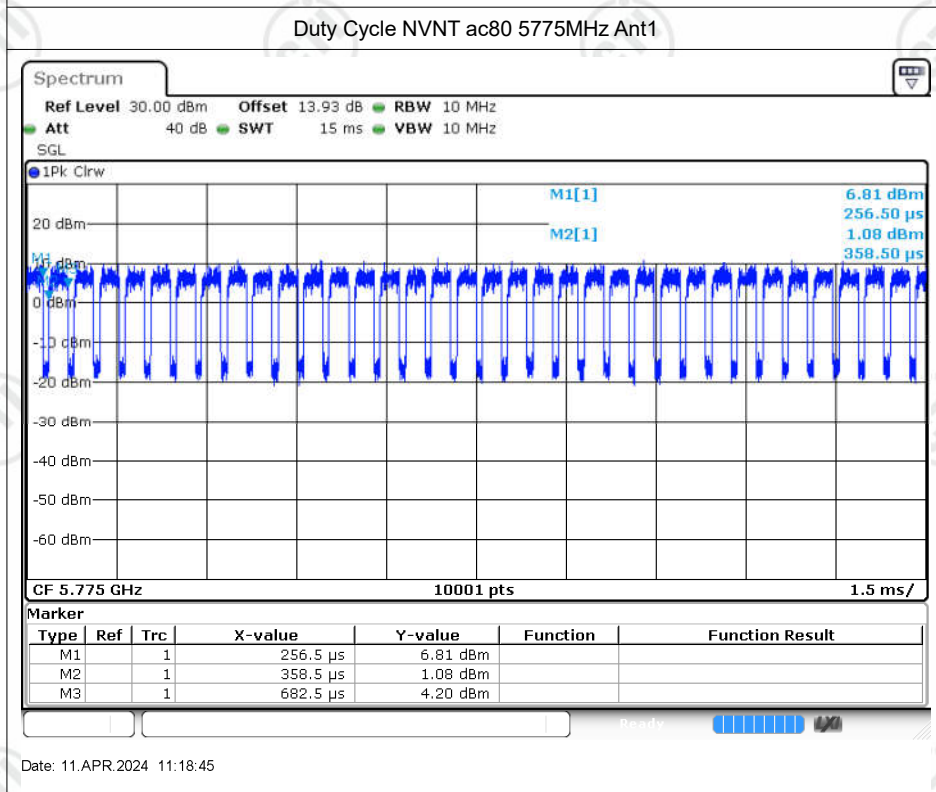
Date: 10.APR.2024 10:24:12



Date: 10.APR.2024 10:27:18



Date: 11.APR.2024 11:10:18



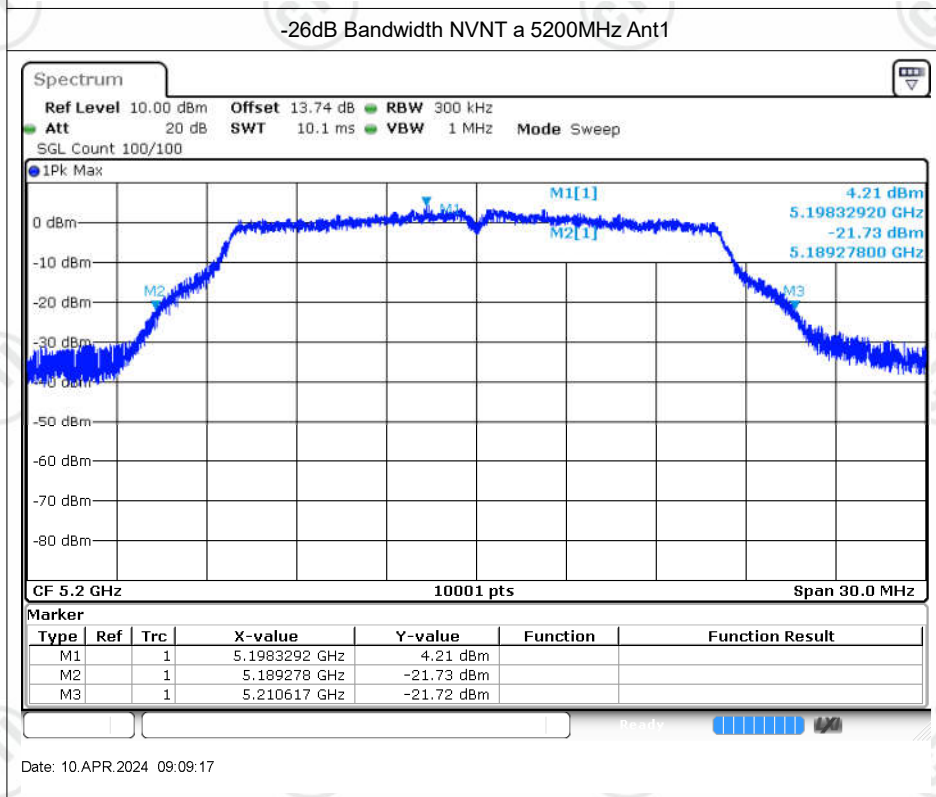
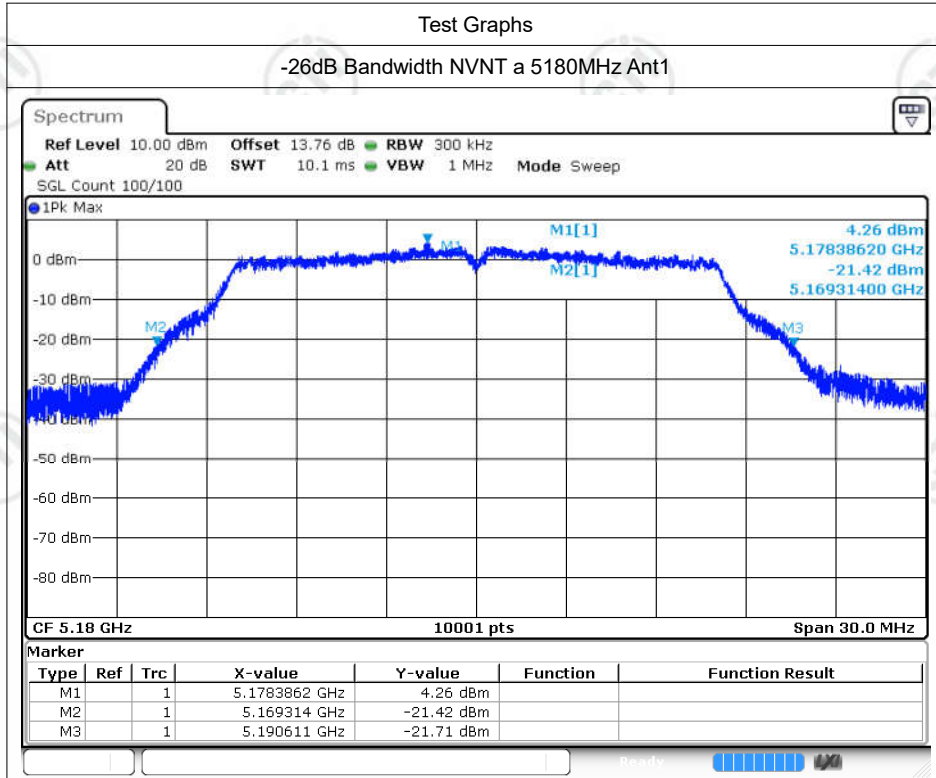
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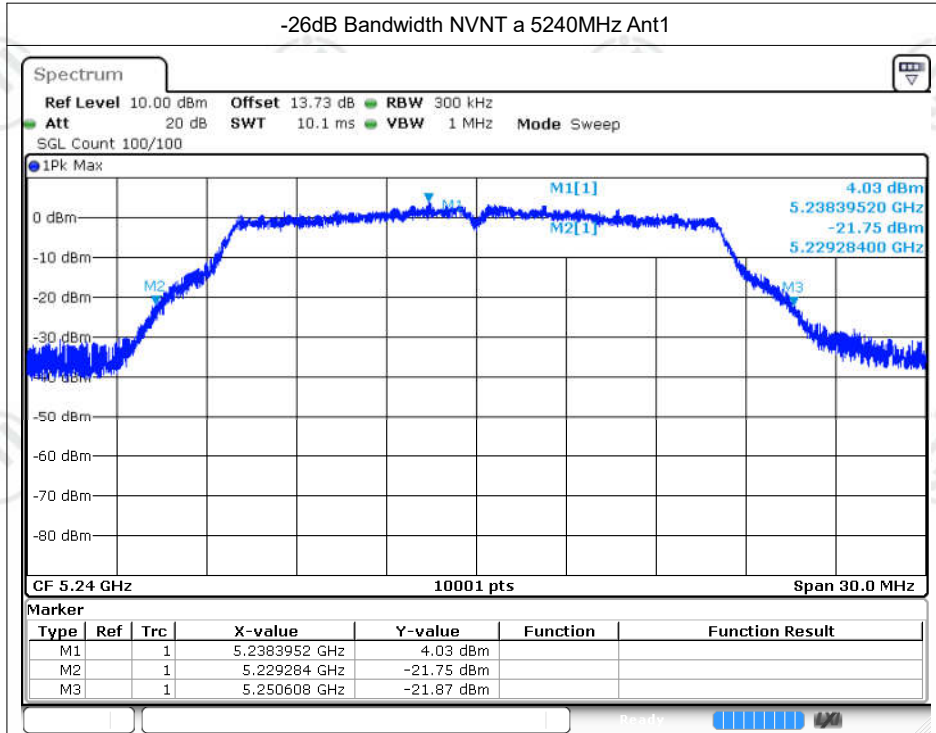
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	13.89	0	13.89	24	Pass
NVNT	a	5200	Ant1	13.98	0	13.98	24	Pass
NVNT	a	5240	Ant1	14.02	0	14.02	24	Pass
NVNT	a	5745	Ant1	13.67	0	13.67	30	Pass
NVNT	a	5785	Ant1	13.31	0	13.31	30	Pass
NVNT	a	5825	Ant1	13.39	0	13.39	30	Pass
NVNT	n20	5180	Ant1	13.67	0	13.67	24	Pass
NVNT	n20	5200	Ant1	13.51	0	13.51	24	Pass
NVNT	n20	5240	Ant1	13.83	0	13.83	24	Pass
NVNT	n20	5745	Ant1	13.42	0	13.42	30	Pass
NVNT	n20	5785	Ant1	13.17	0	13.17	30	Pass
NVNT	n20	5825	Ant1	13.2	0	13.2	30	Pass
NVNT	n40	5190	Ant1	13.44	0	13.44	24	Pass
NVNT	n40	5230	Ant1	13.66	0	13.66	24	Pass
NVNT	n40	5755	Ant1	13.29	0	13.29	30	Pass
NVNT	n40	5795	Ant1	13.05	0	13.05	30	Pass
NVNT	ac20	5180	Ant1	13.66	0	13.66	24	Pass
NVNT	ac20	5200	Ant1	13.49	0	13.49	24	Pass
NVNT	ac20	5240	Ant1	13.61	0	13.61	24	Pass
NVNT	ac20	5745	Ant1	13.28	0	13.28	30	Pass
NVNT	ac20	5785	Ant1	13.12	0	13.12	30	Pass
NVNT	ac20	5825	Ant1	13.02	0	13.02	30	Pass
NVNT	ac40	5190	Ant1	13.42	0	13.42	24	Pass
NVNT	ac40	5230	Ant1	13.66	0	13.66	24	Pass
NVNT	ac40	5755	Ant1	13.38	0	13.38	30	Pass
NVNT	ac40	5795	Ant1	13.05	0	13.05	30	Pass
NVNT	ac80	5210	Ant1	10.54	0	10.54	24	Pass
NVNT	ac80	5775	Ant1	10.47	0	10.47	30	Pass

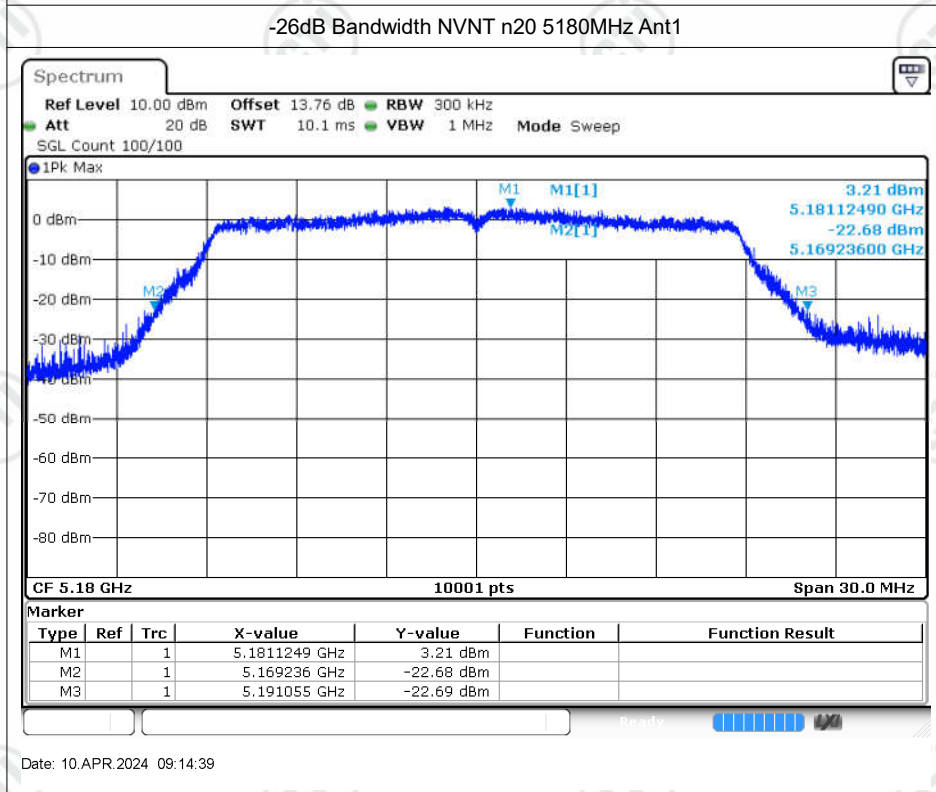
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	21.297	0.5	Pass
NVNT	a	5200	Ant1	21.339	0.5	Pass
NVNT	a	5240	Ant1	21.324	0.5	Pass
NVNT	n20	5180	Ant1	21.819	0.5	Pass
NVNT	n20	5200	Ant1	21.72	0.5	Pass
NVNT	n20	5240	Ant1	21.759	0.5	Pass
NVNT	n40	5190	Ant1	39.63	0.5	Pass
NVNT	n40	5230	Ant1	39.564	0.5	Pass
NVNT	ac20	5180	Ant1	21.675	0.5	Pass
NVNT	ac20	5200	Ant1	21.633	0.5	Pass
NVNT	ac20	5240	Ant1	21.729	0.5	Pass
NVNT	ac40	5190	Ant1	39.438	0.5	Pass
NVNT	ac40	5230	Ant1	39.588	0.5	Pass
NVNT	ac80	5210	Ant1	79.692	0.5	Pass

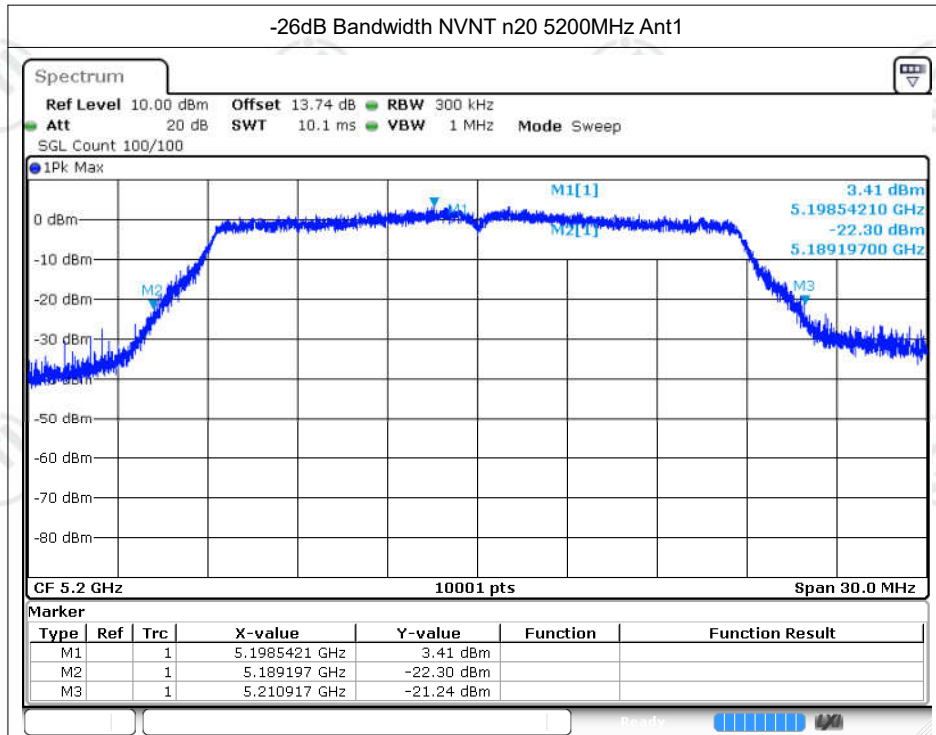




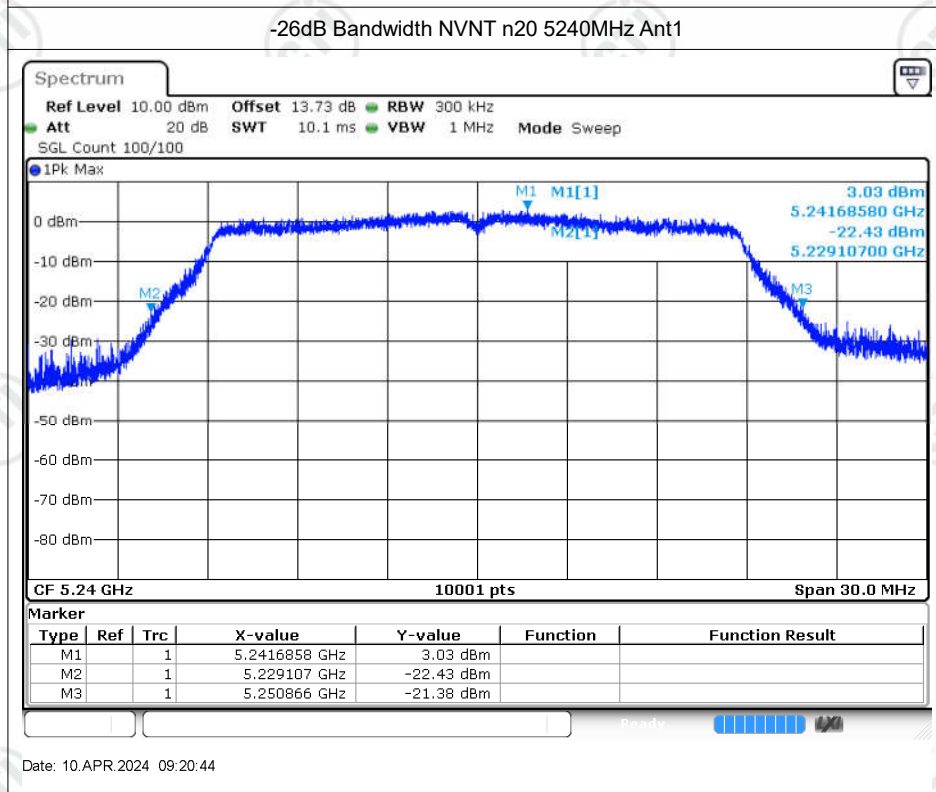
Date: 10.APR.2024 09:11:19



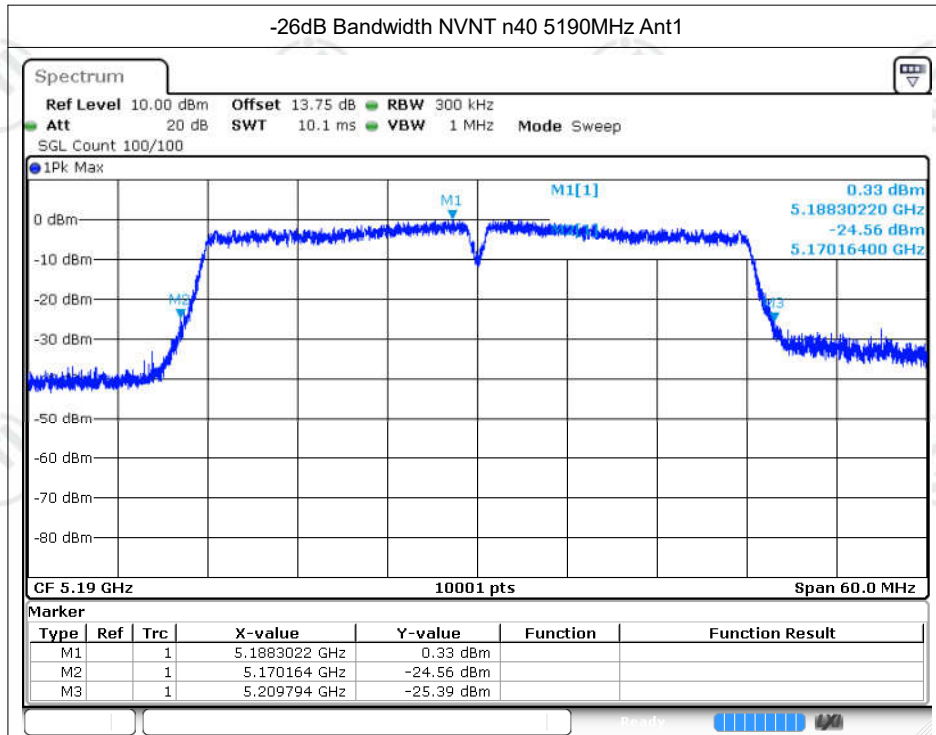
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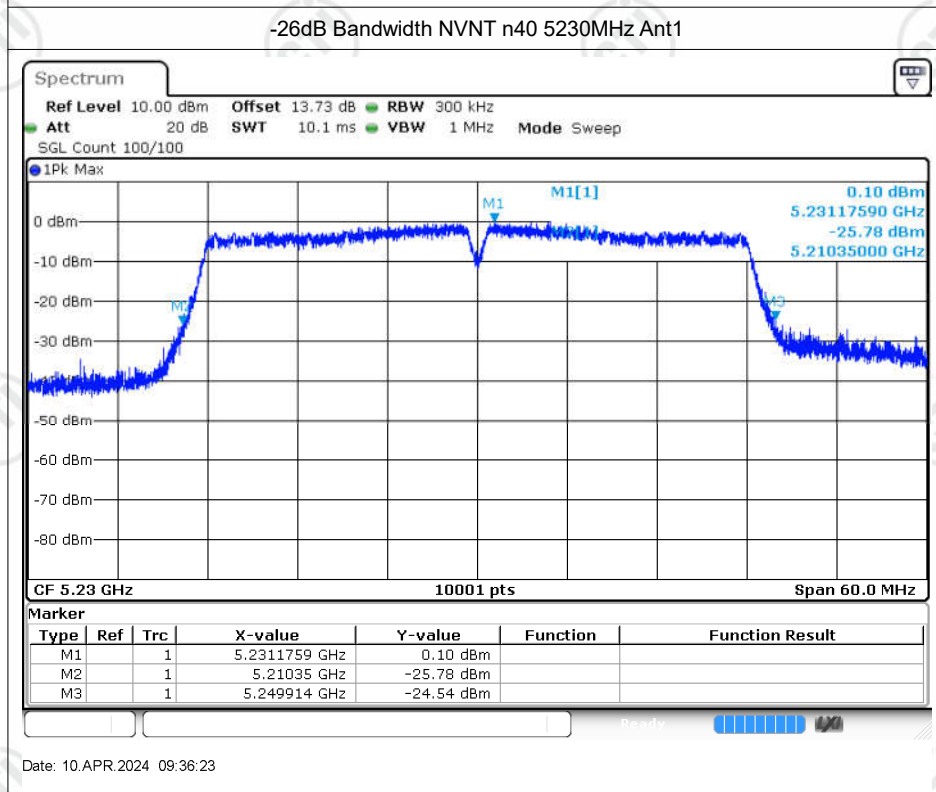
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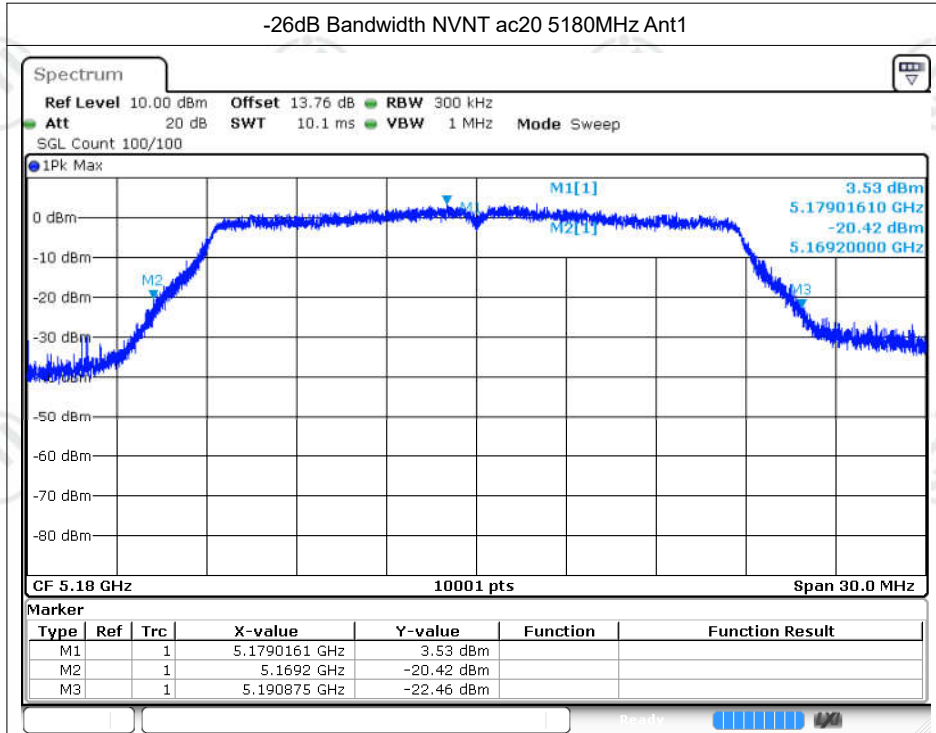
Date: 10.APR.2024 09:20:44



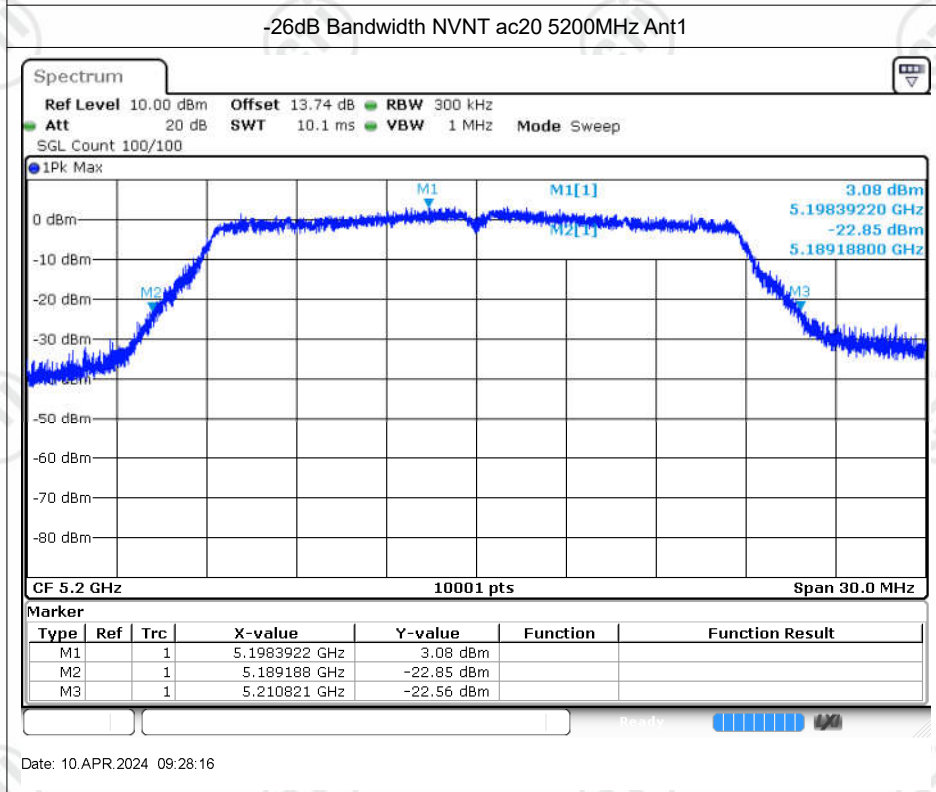
Date: 10.APR.2024 09:34:11



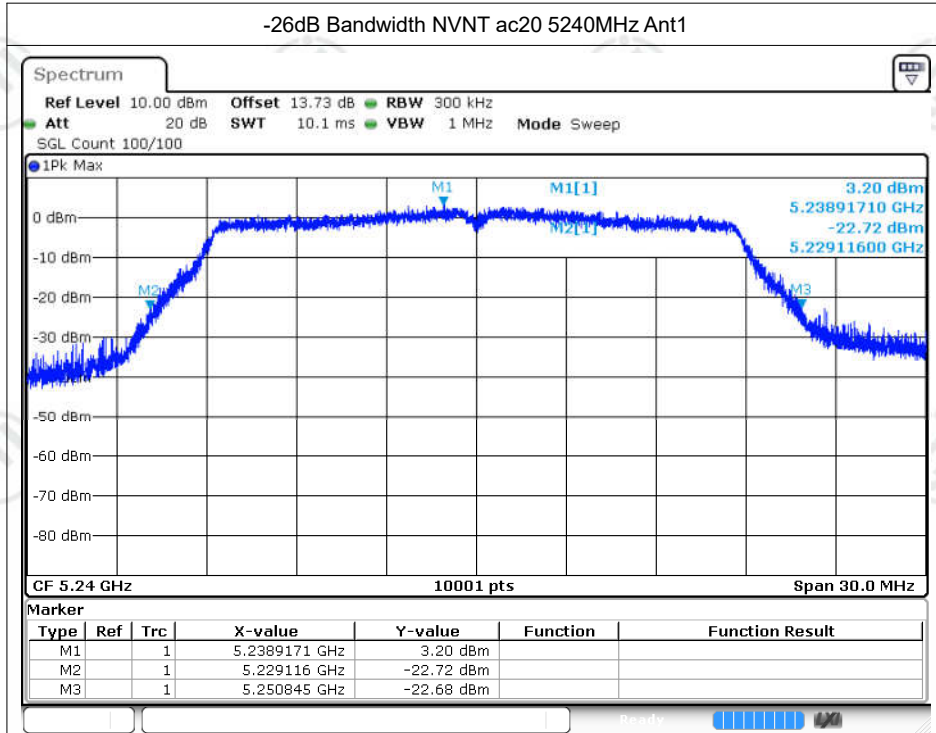
Date: 10.APR.2024 09:36:23



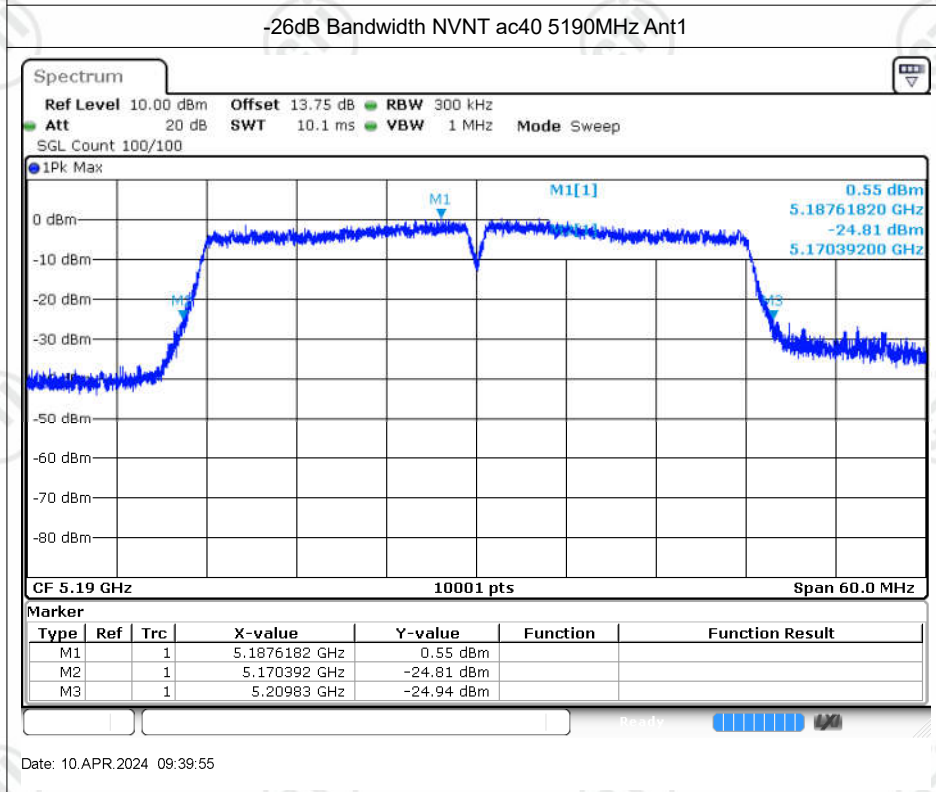
Date: 10.APR.2024 09:26:19



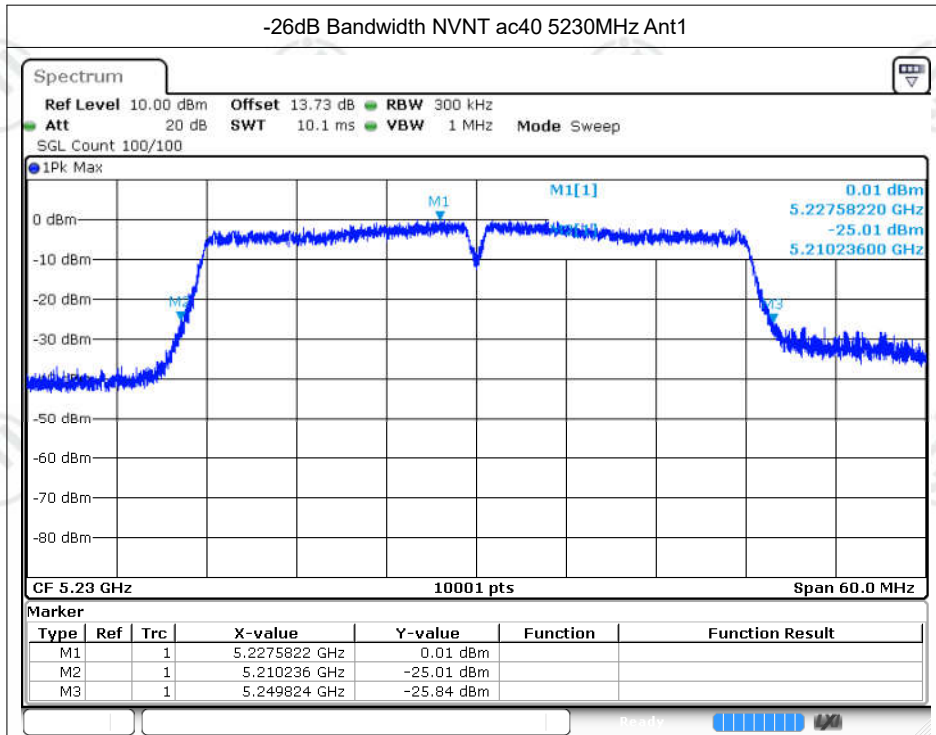
Date: 10.APR.2024 09:28:16



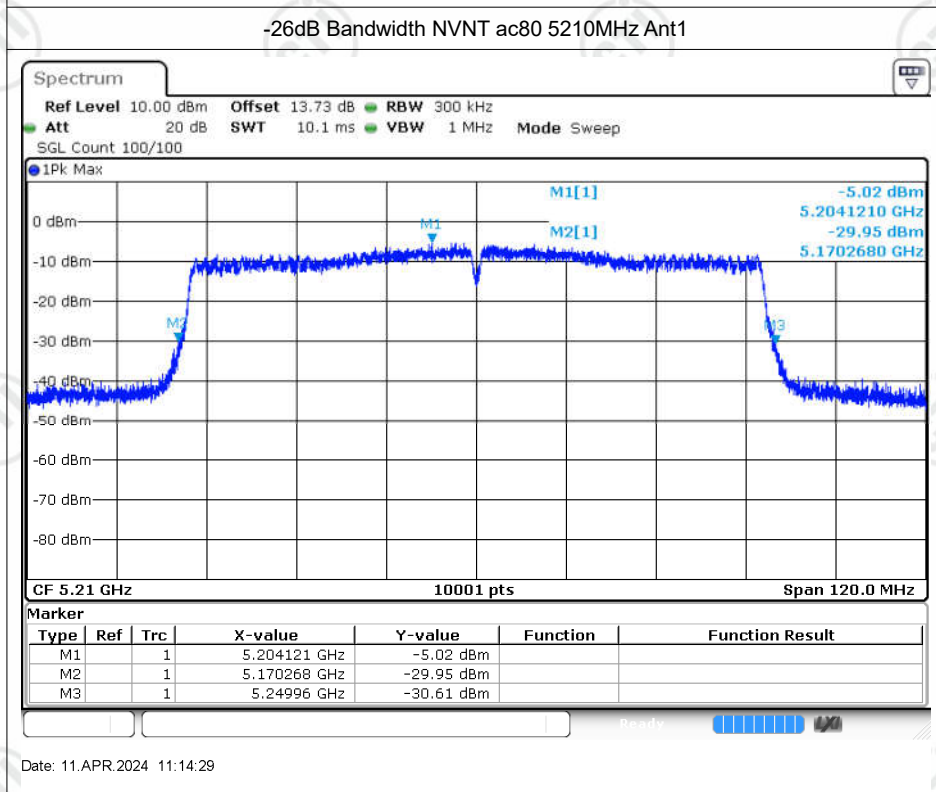
Date: 10.APR.2024 09:29:30



Date: 10.APR.2024 09:39:55



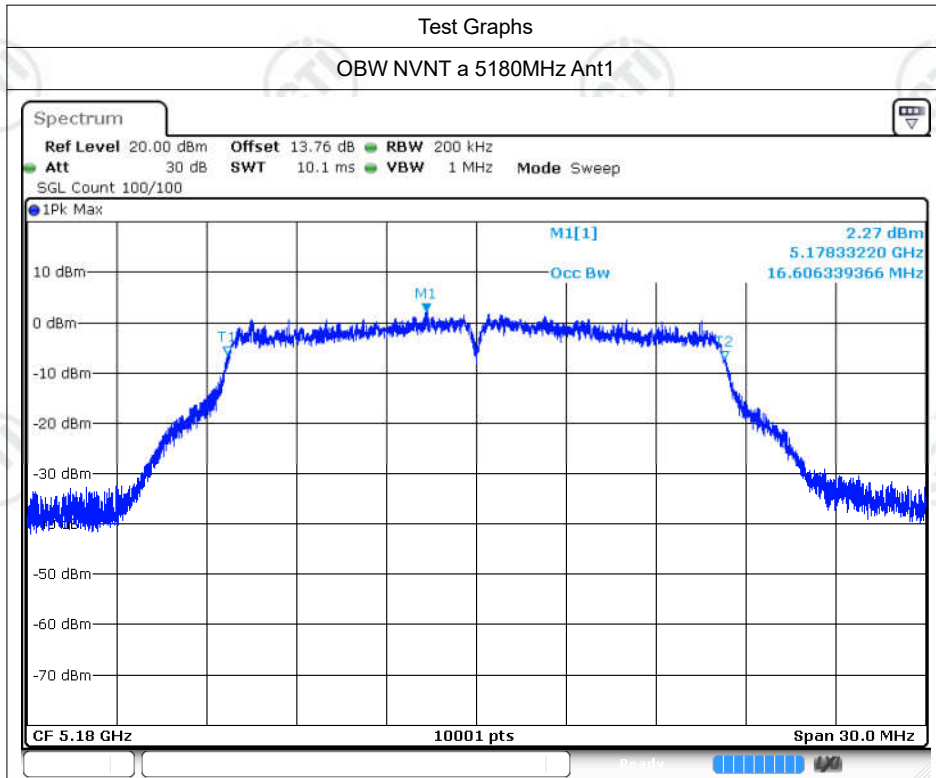
Date: 10.APR.2024 09:42:26



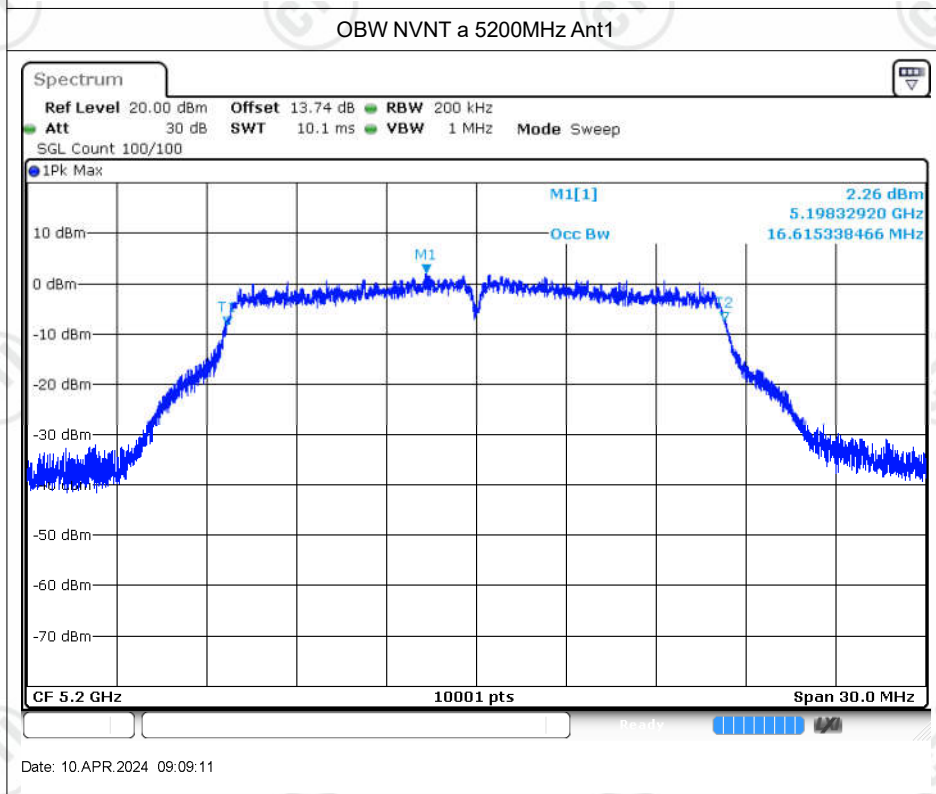
Date: 11.APR.2024 11:14:29

Occupied Channel Bandwidth

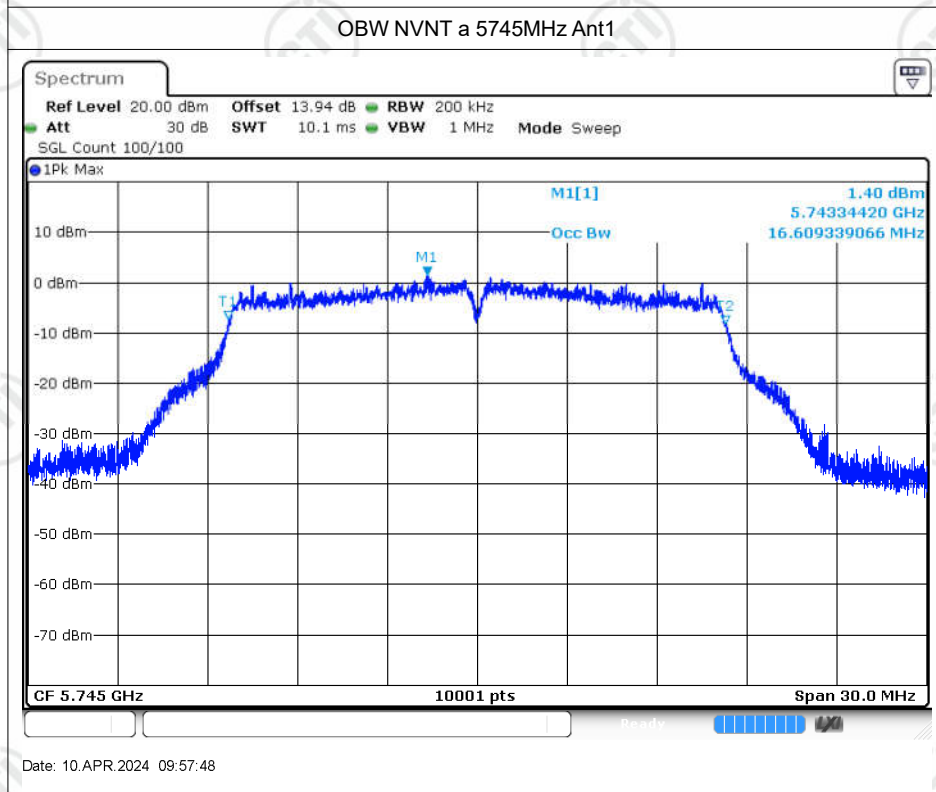
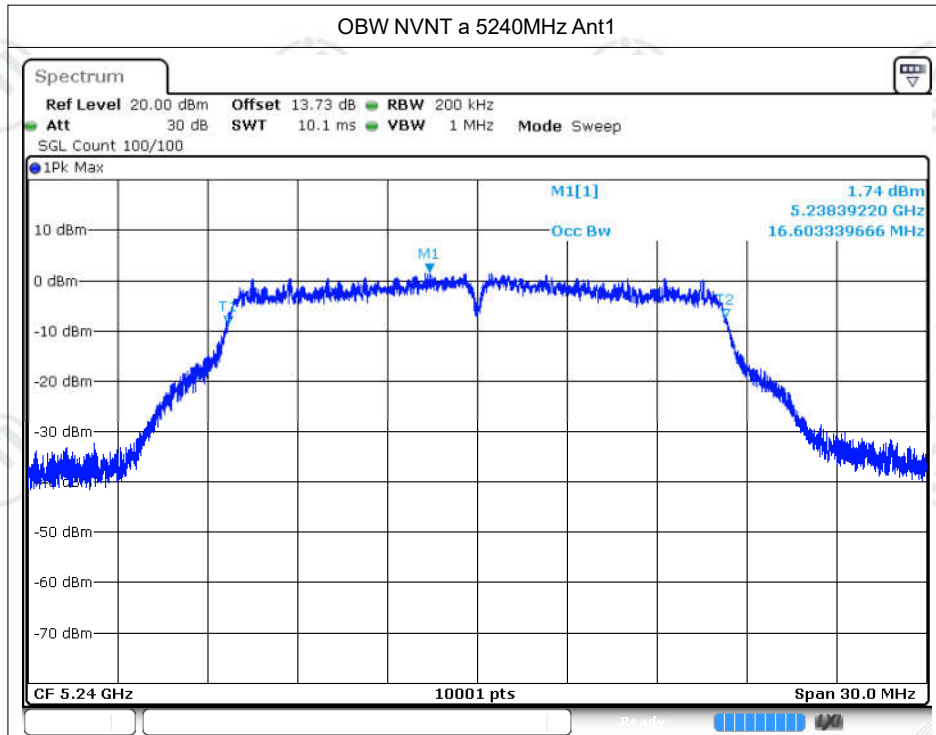
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.606
NVNT	a	5200	Ant1	16.615
NVNT	a	5240	Ant1	16.603
NVNT	a	5745	Ant1	16.609
NVNT	a	5785	Ant1	16.606
NVNT	a	5825	Ant1	16.618
NVNT	n20	5180	Ant1	17.773
NVNT	n20	5200	Ant1	17.743
NVNT	n20	5240	Ant1	17.752
NVNT	n20	5745	Ant1	17.764
NVNT	n20	5785	Ant1	17.758
NVNT	n20	5825	Ant1	17.767
NVNT	n40	5190	Ant1	36.254
NVNT	n40	5230	Ant1	36.29
NVNT	n40	5755	Ant1	36.284
NVNT	n40	5795	Ant1	36.284
NVNT	ac20	5180	Ant1	17.761
NVNT	ac20	5200	Ant1	17.764
NVNT	ac20	5240	Ant1	17.764
NVNT	ac20	5745	Ant1	17.773
NVNT	ac20	5785	Ant1	17.764
NVNT	ac20	5825	Ant1	17.773
NVNT	ac40	5190	Ant1	36.29
NVNT	ac40	5230	Ant1	36.272
NVNT	ac40	5755	Ant1	36.284
NVNT	ac40	5795	Ant1	36.272
NVNT	ac80	5210	Ant1	75.436
NVNT	ac80	5775	Ant1	75.556

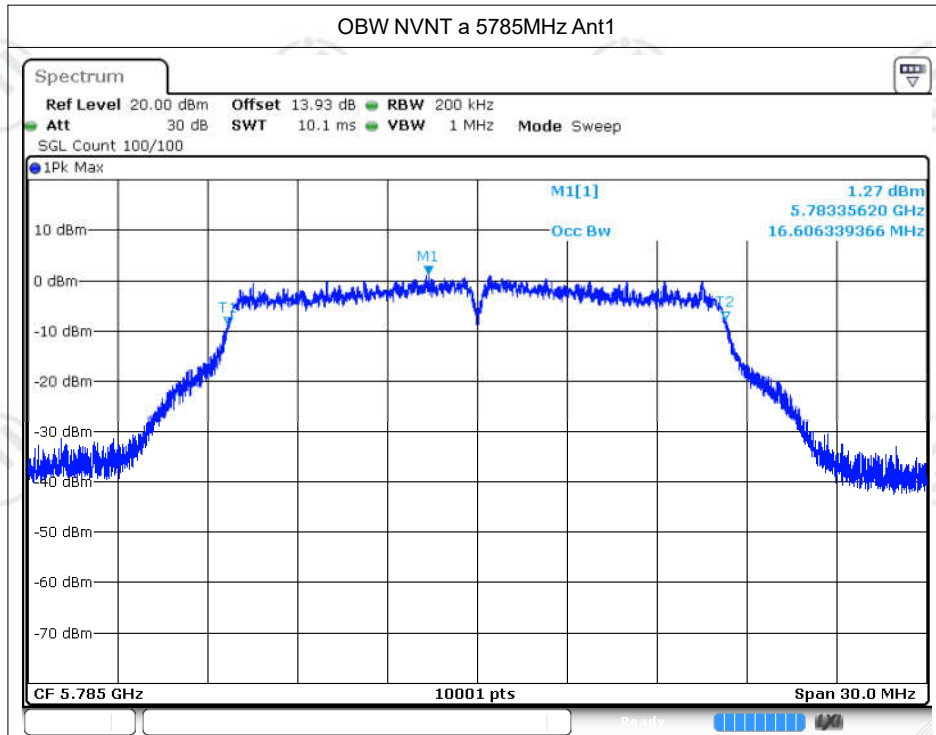


Date: 10.APR.2024 09:06:23

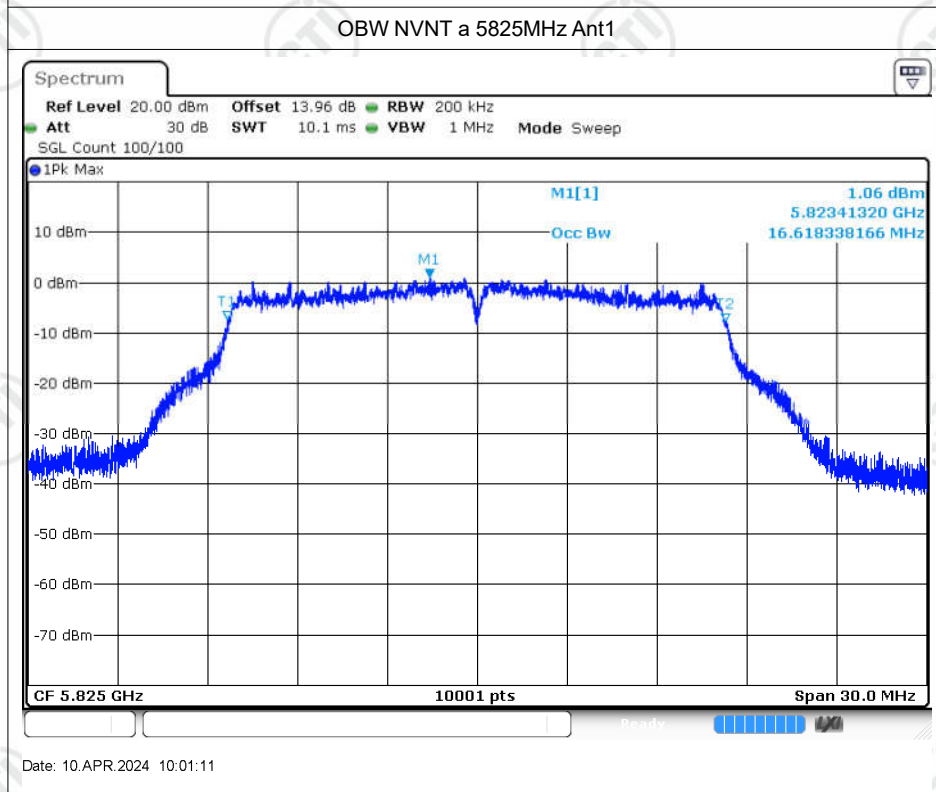


Date: 10.APR.2024 09:09:11

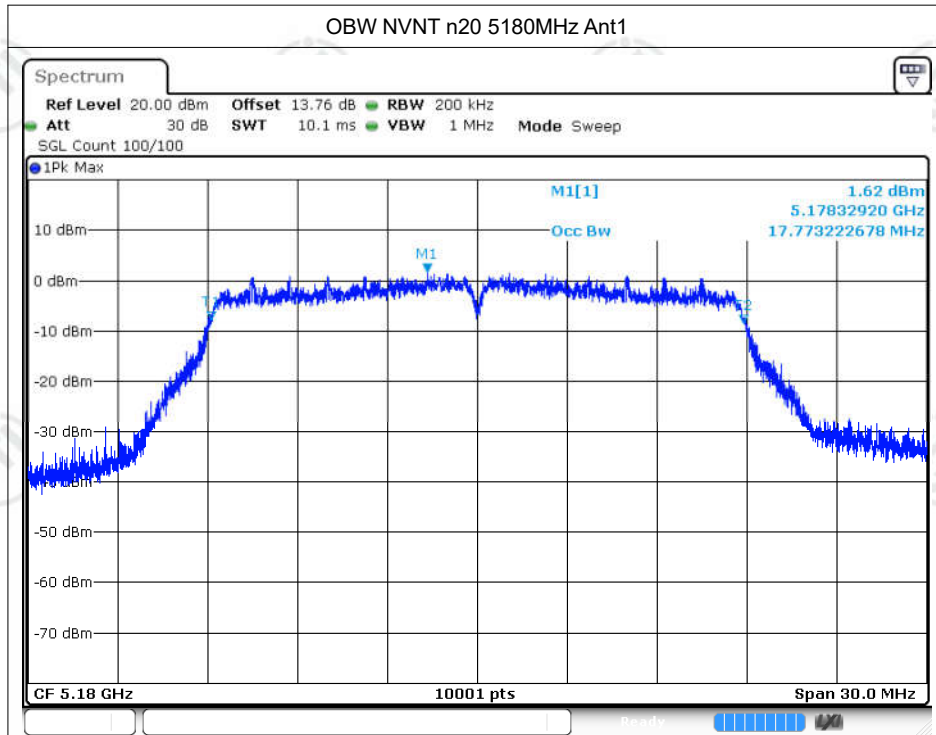




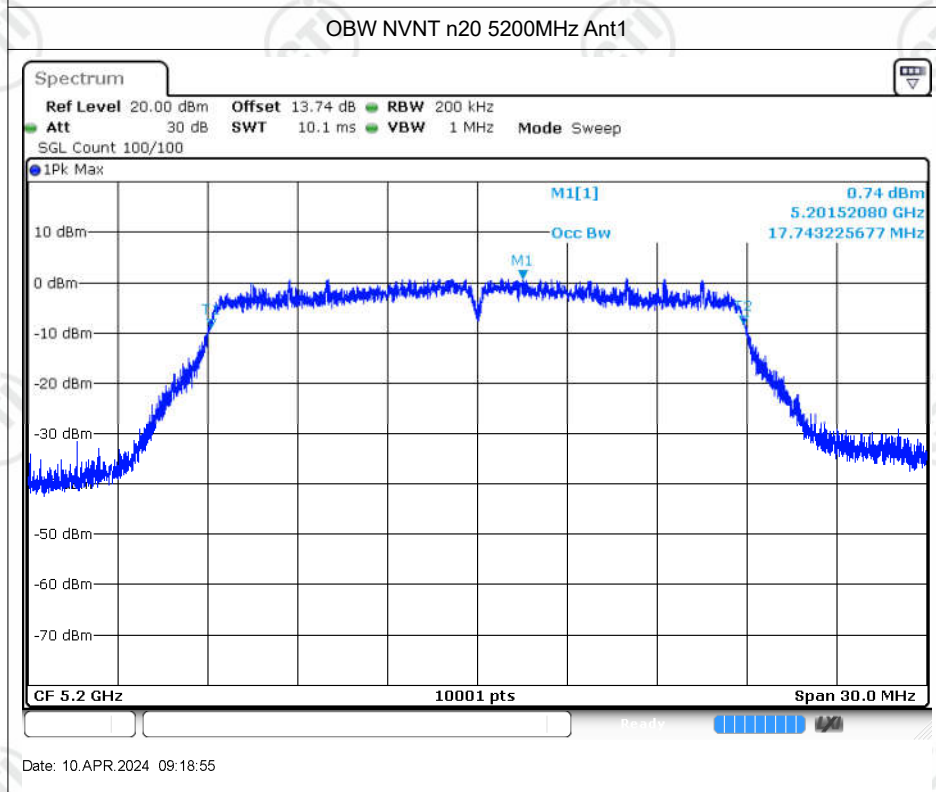
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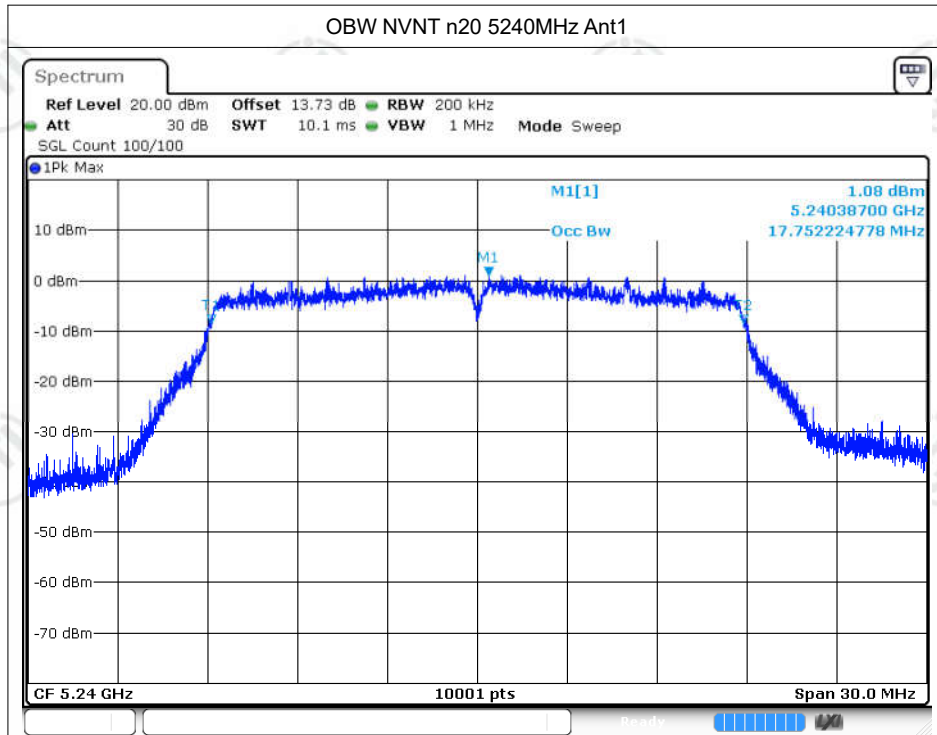
Date: 10.APR.2024 10:01:11



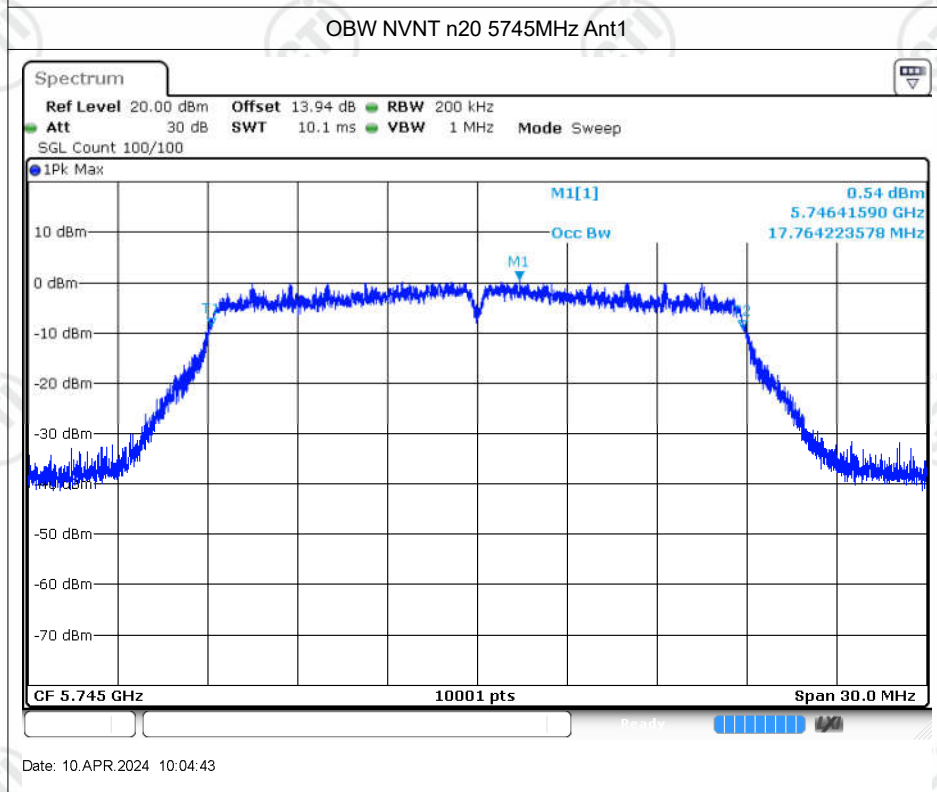
Date: 10.APR.2024 09:14:33



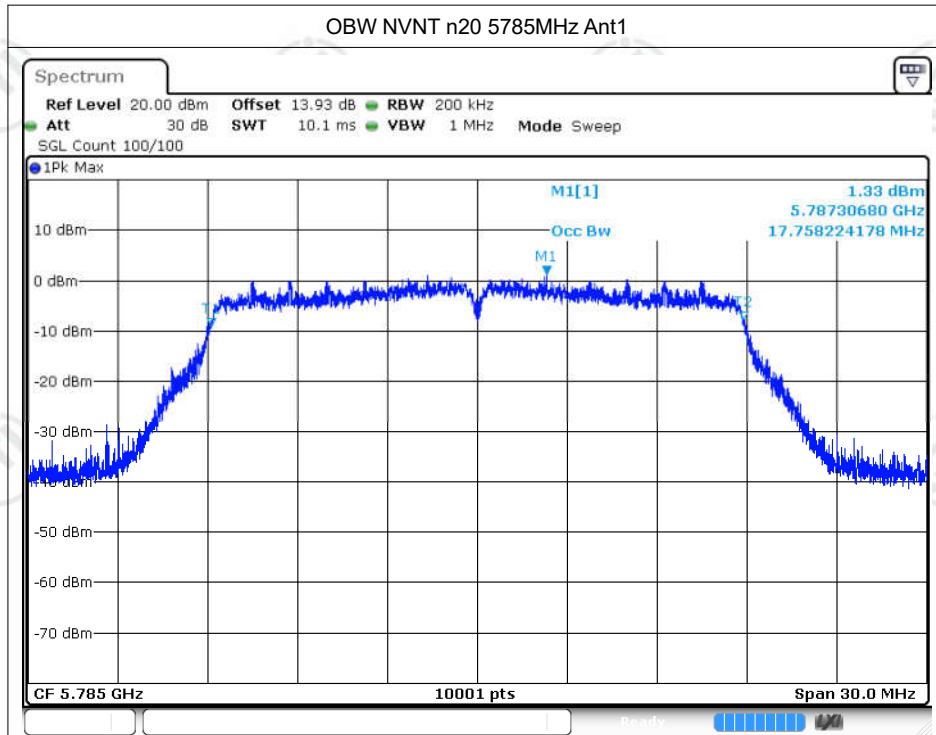
Date: 10.APR.2024 09:18:55



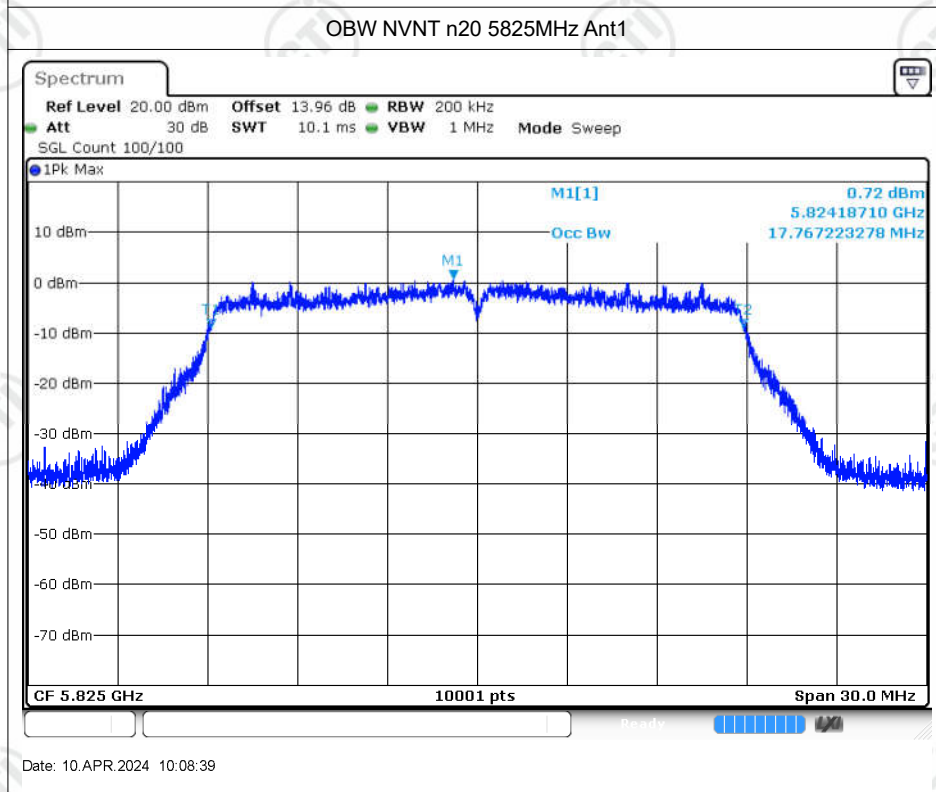
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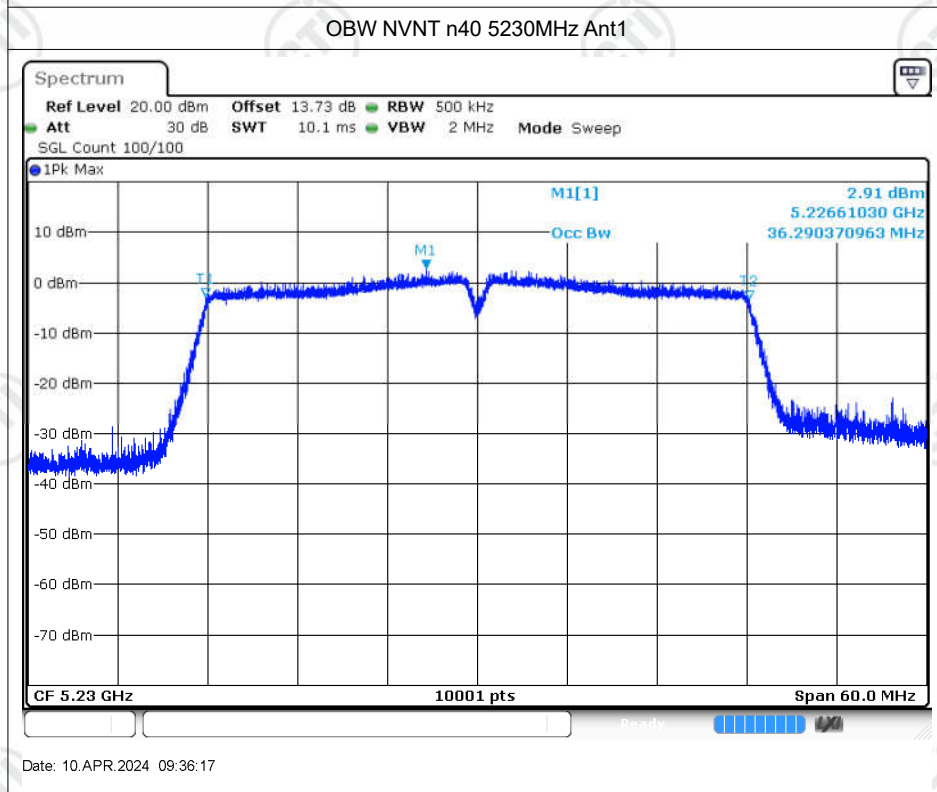
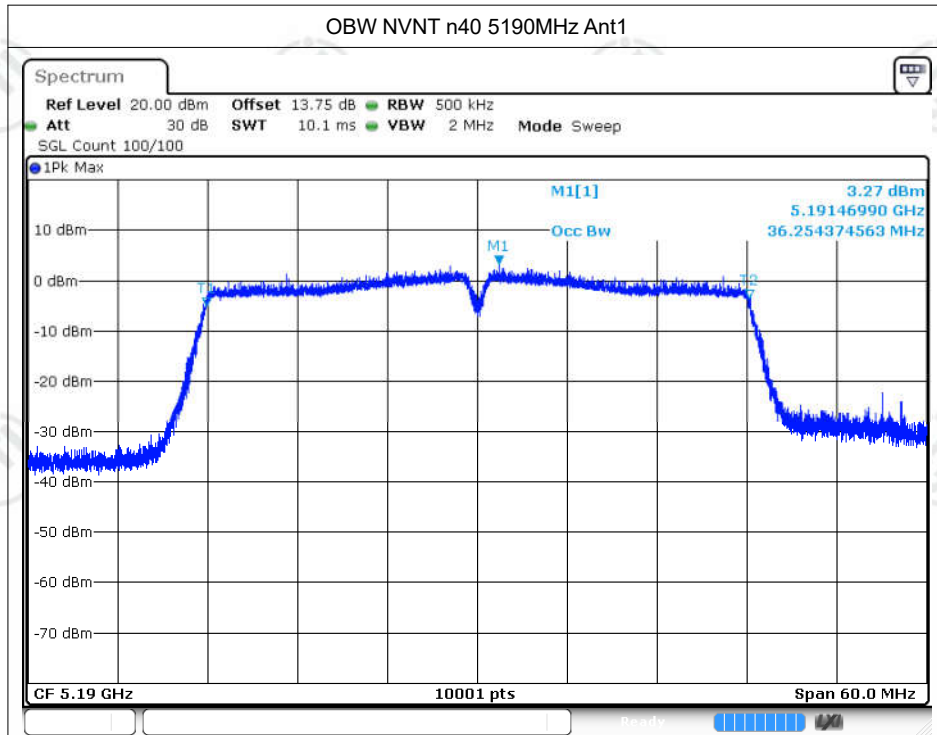
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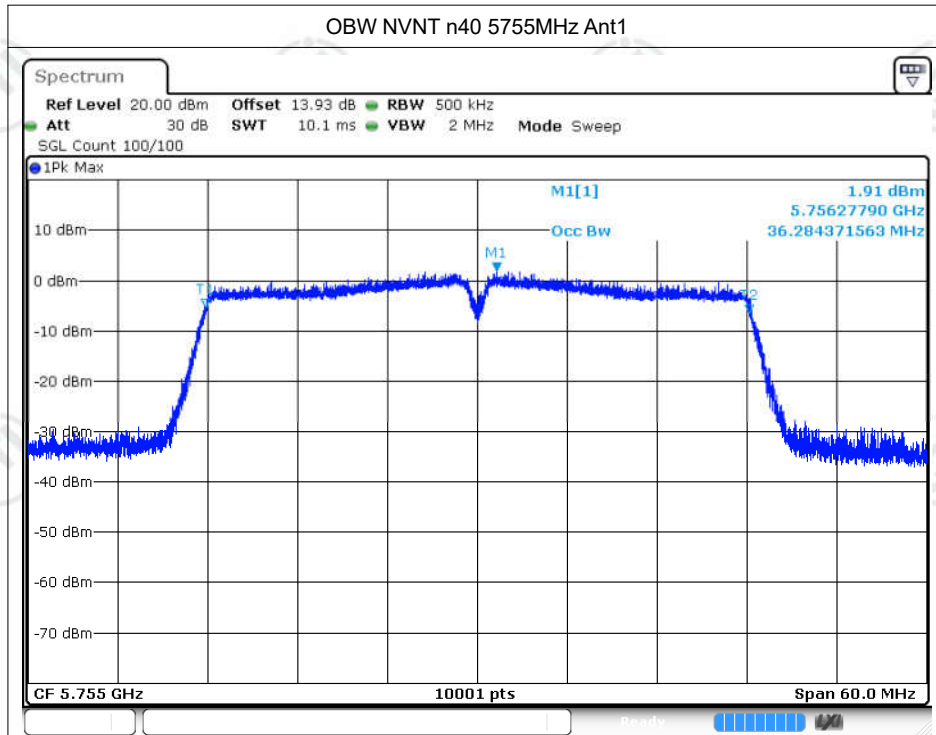


Date: 10.APR.2024 10:07:05

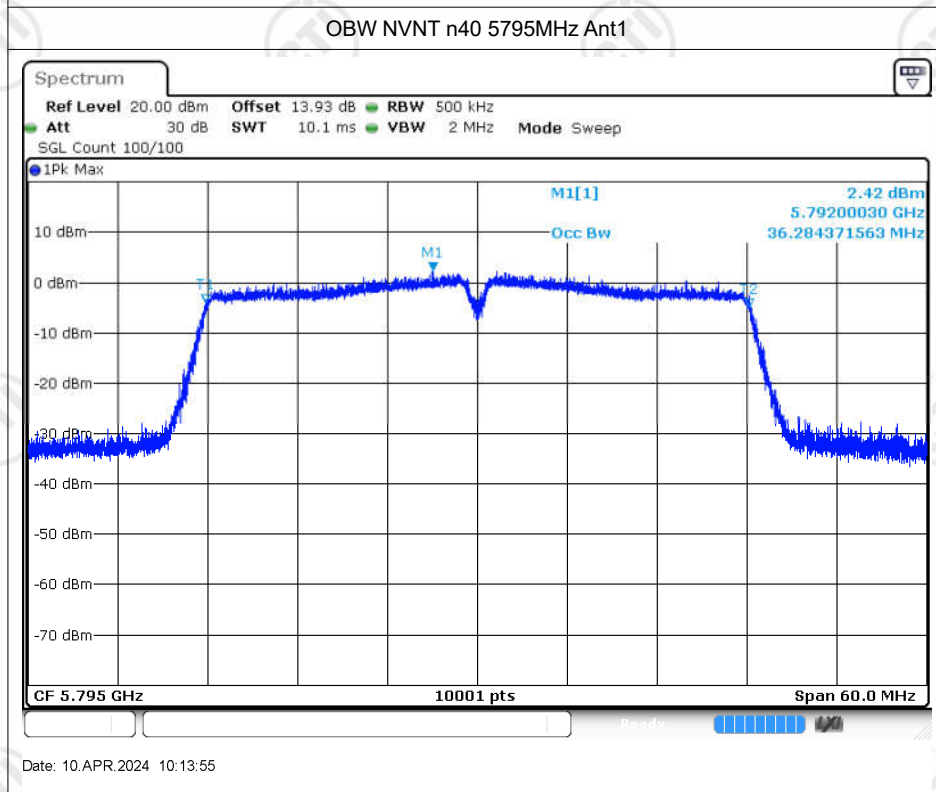


Date: 10.APR.2024 10:08:39

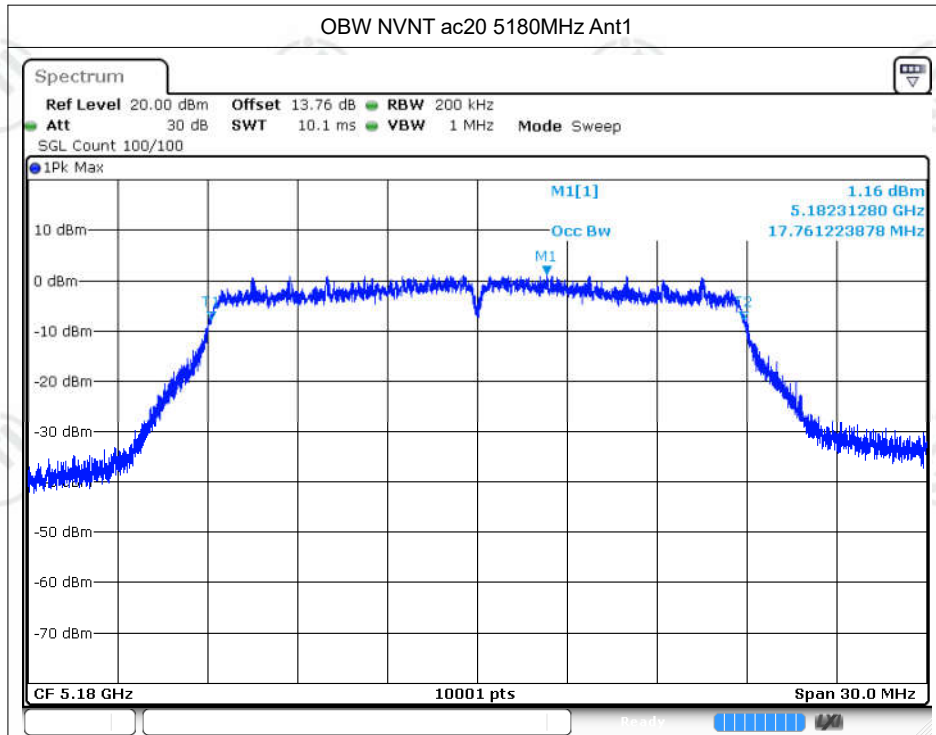




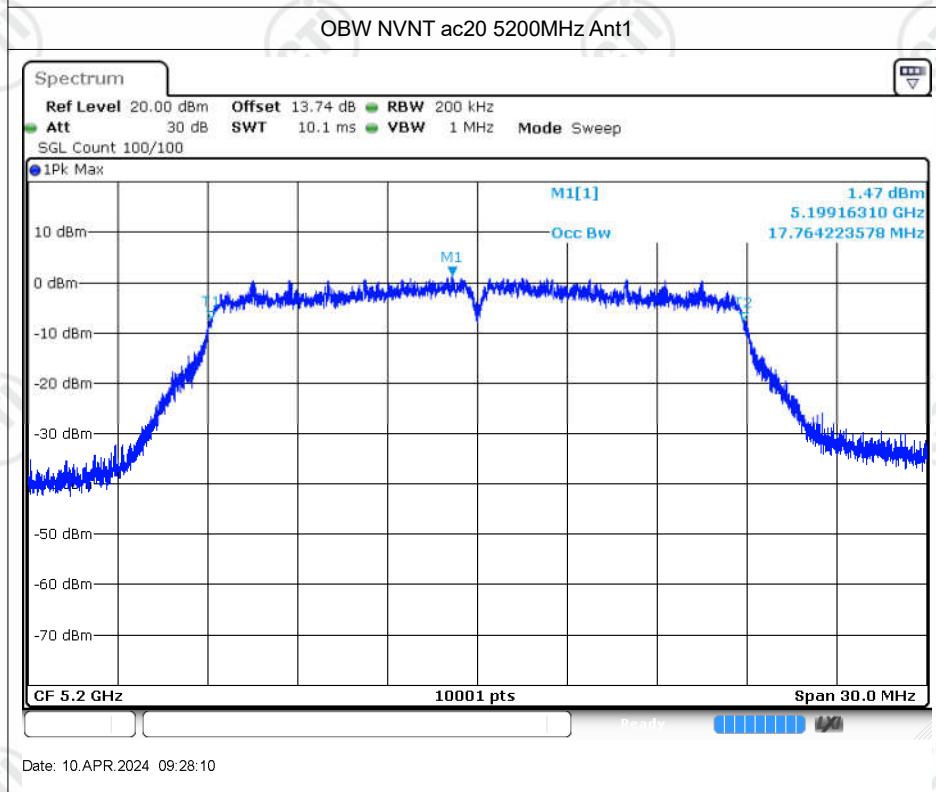
Date: 10.APR.2024 10:11:42



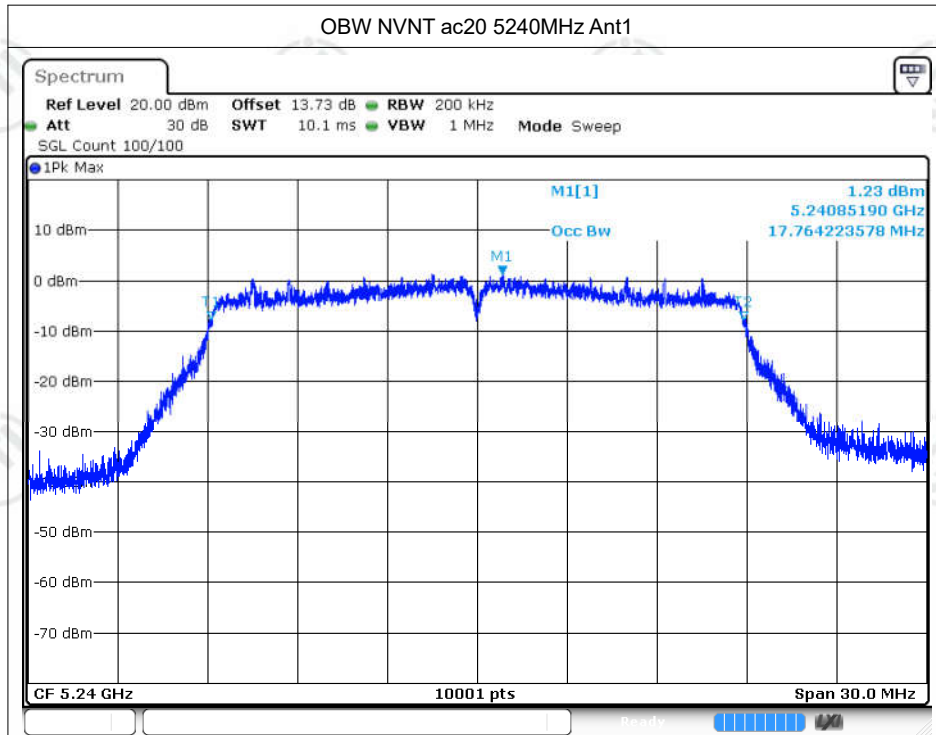
Date: 10.APR.2024 10:13:55



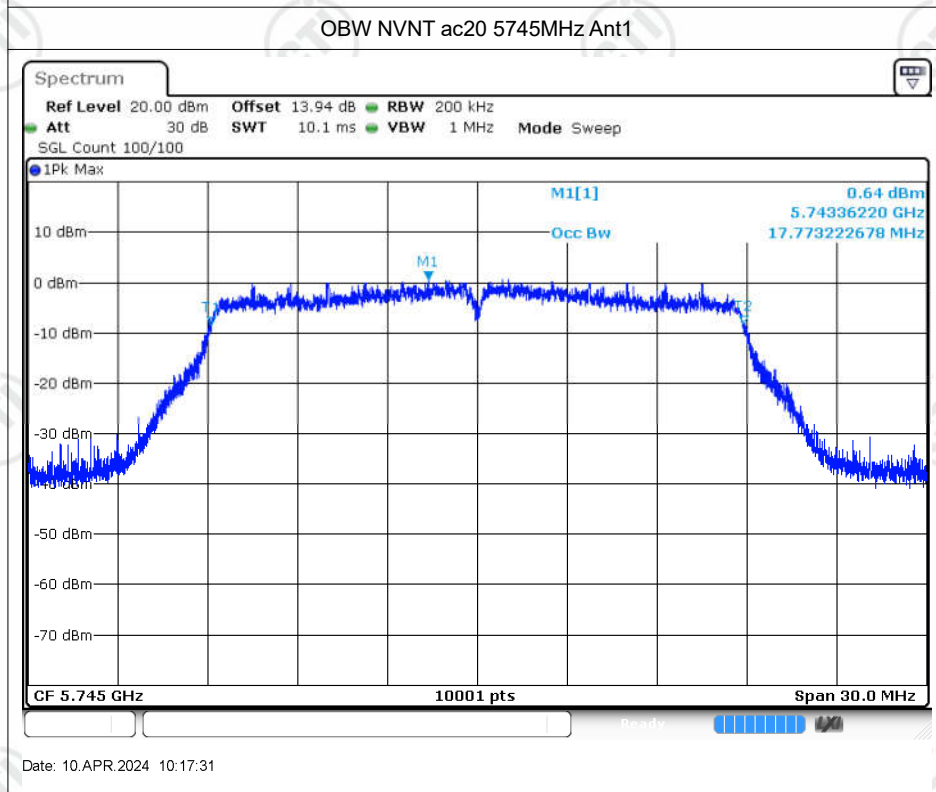
Date: 10.APR.2024 09:26:13



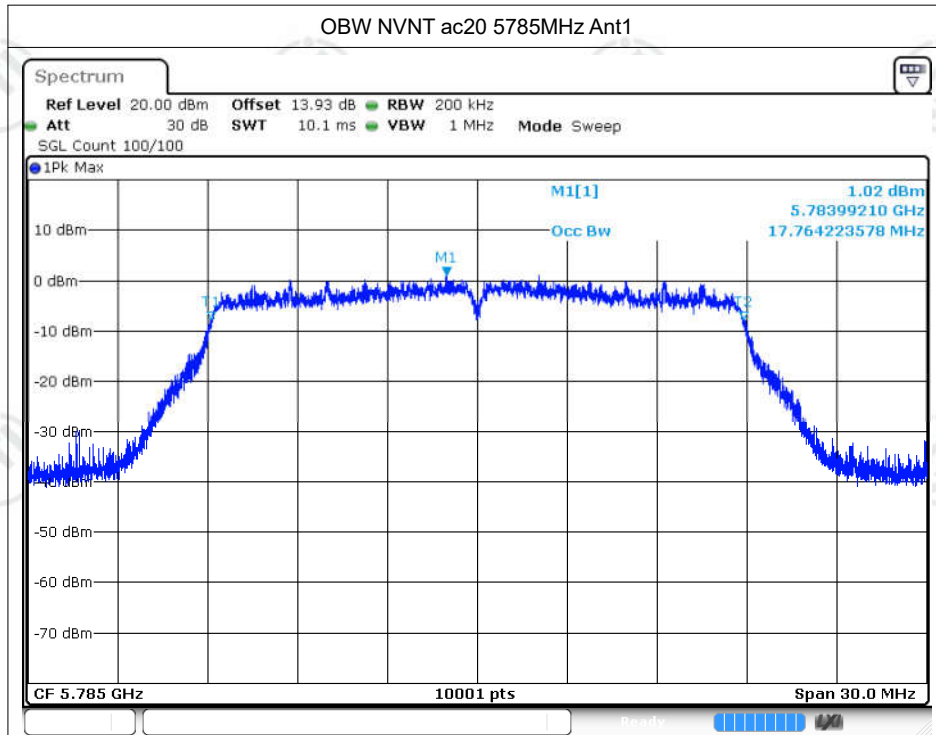
Date: 10.APR.2024 09:28:10



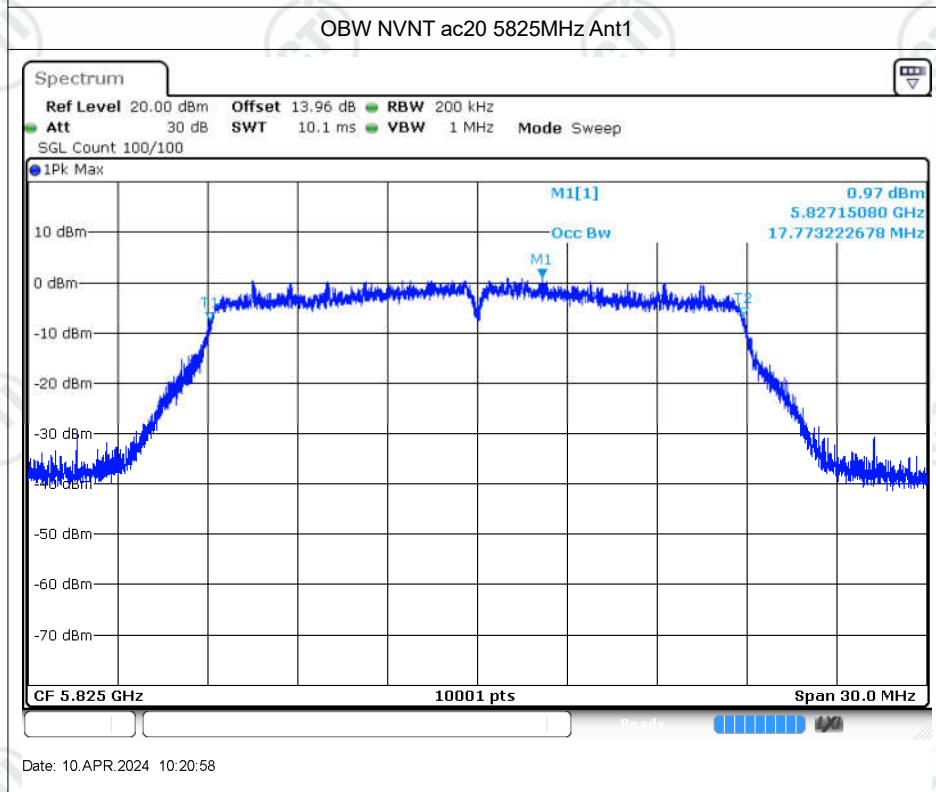
Date: 10.APR.2024 09:29:23



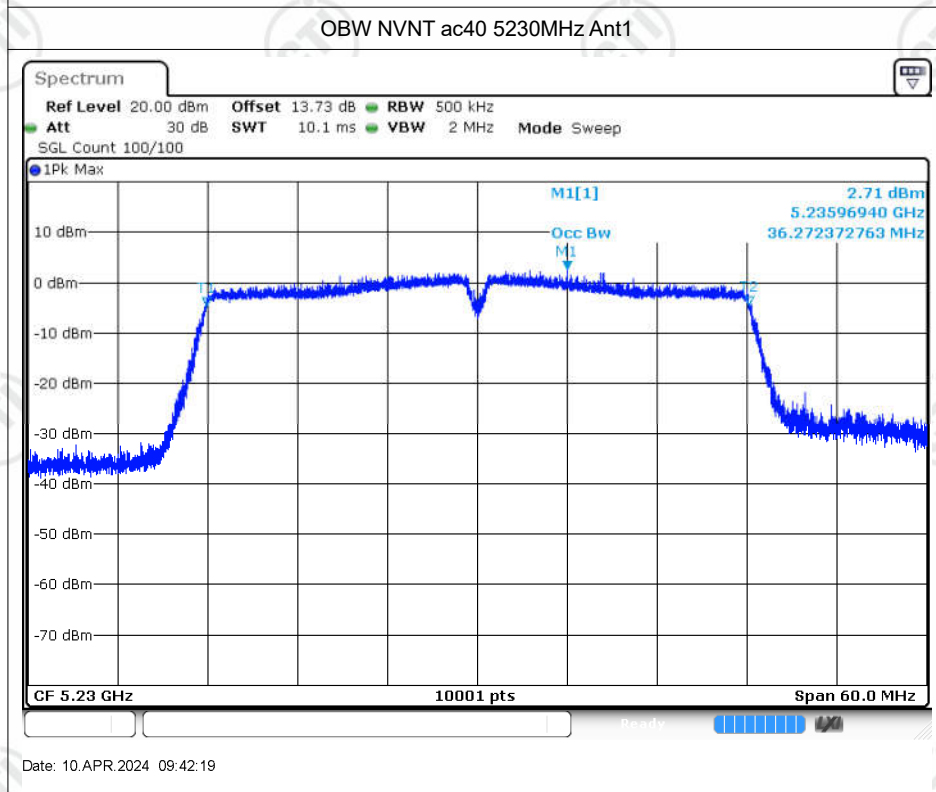
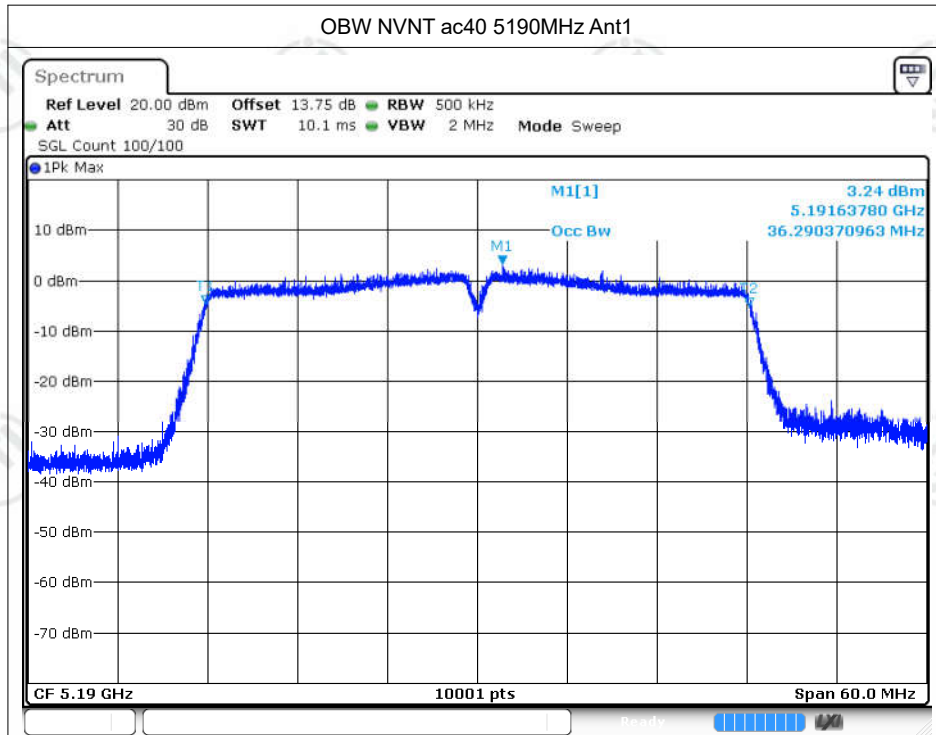
Date: 10.APR.2024 10:17:31

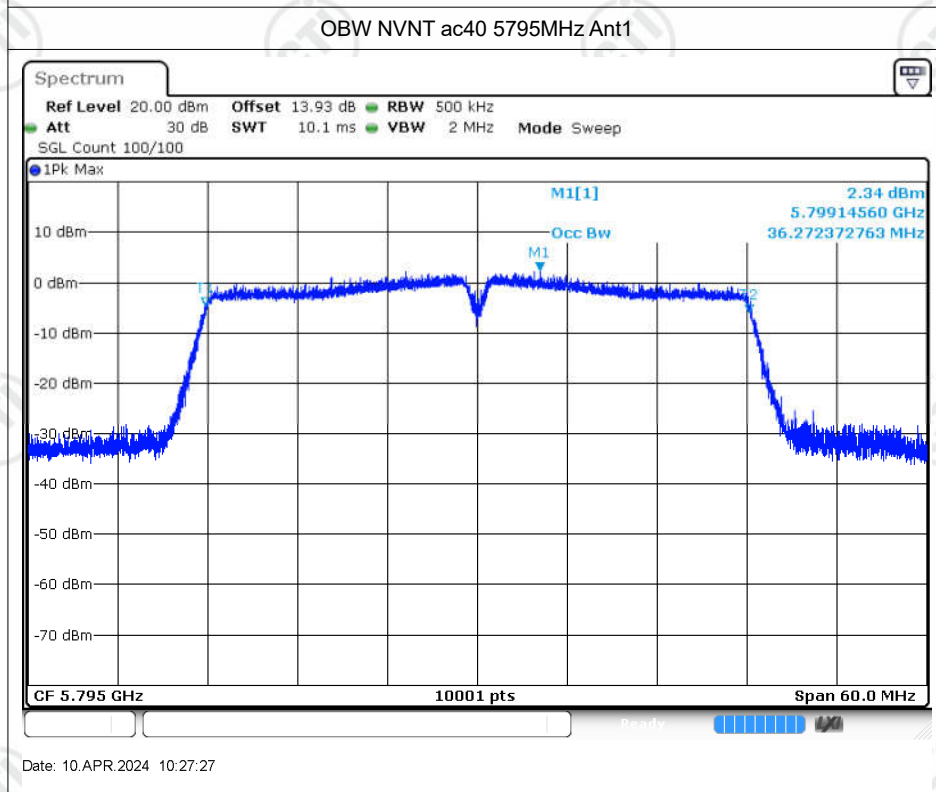
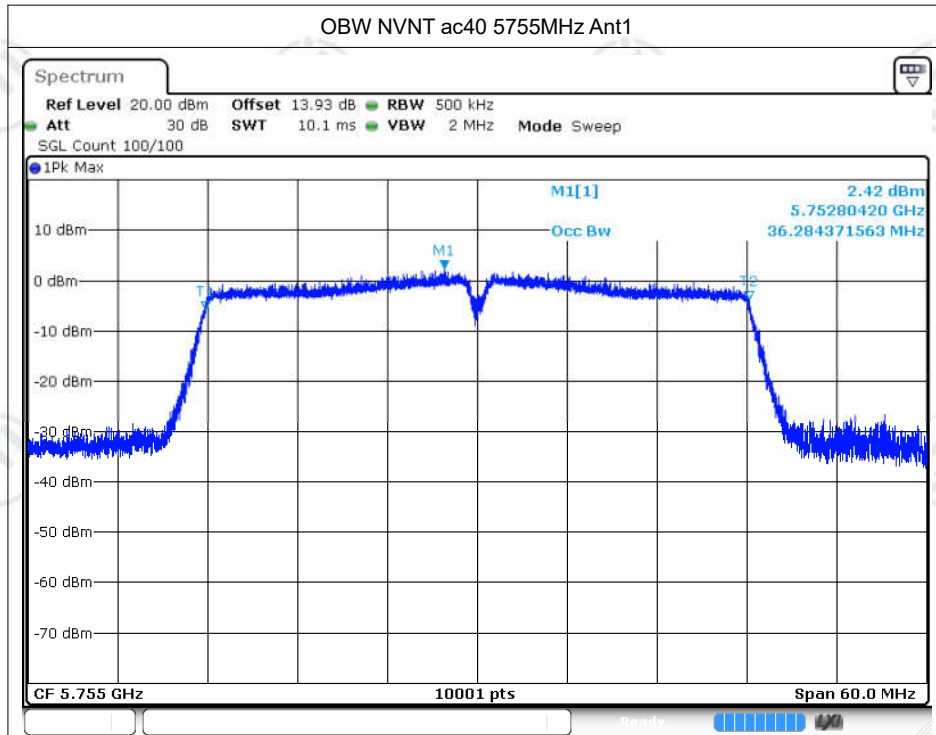


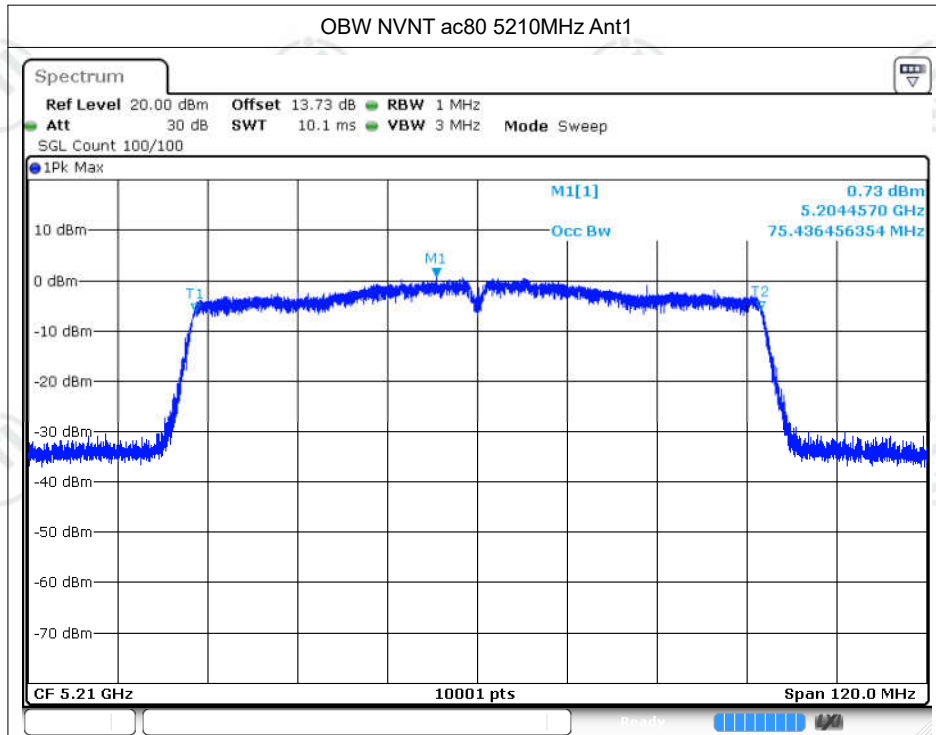
Date: 10.APR.2024 10:19:43



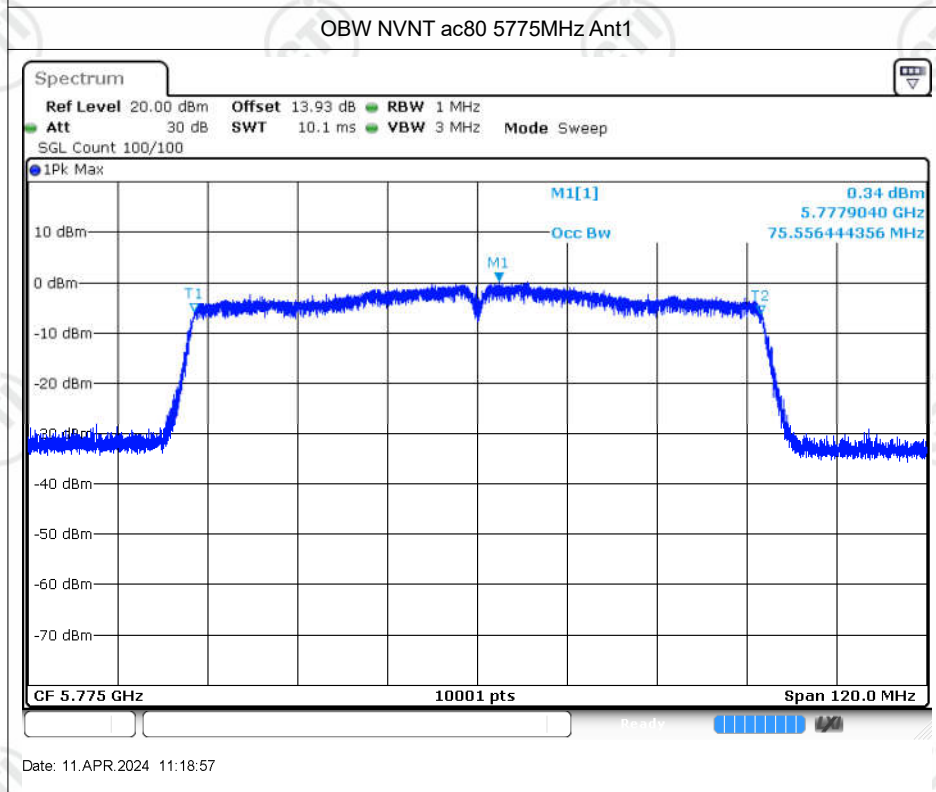
Date: 10.APR.2024 10:20:58







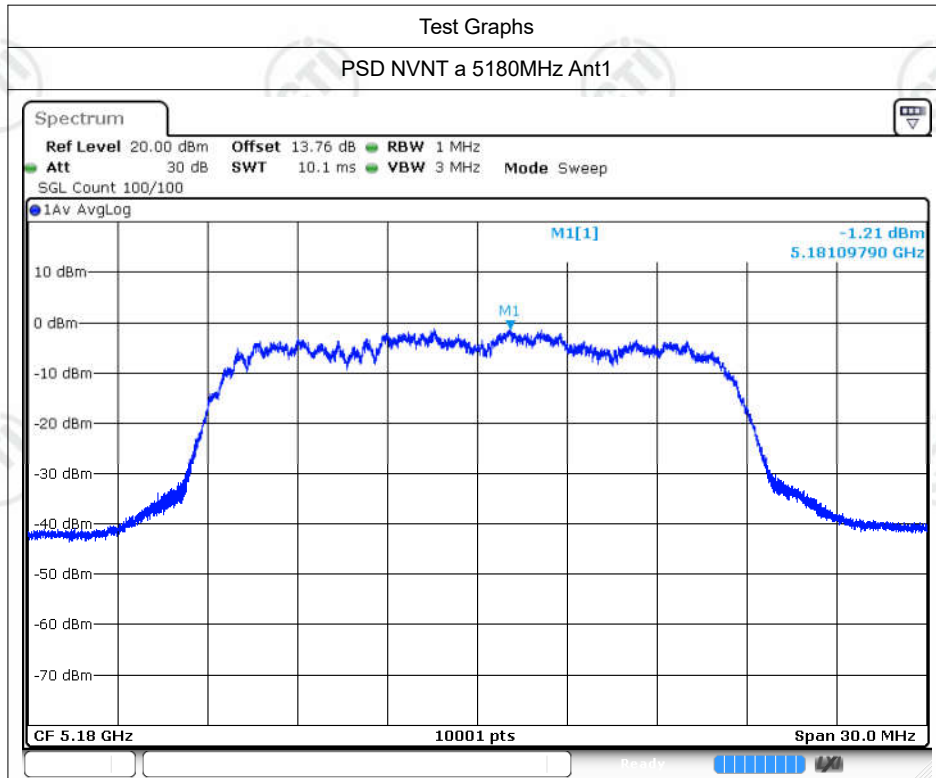
Date: 11.APR.2024 11:14:40



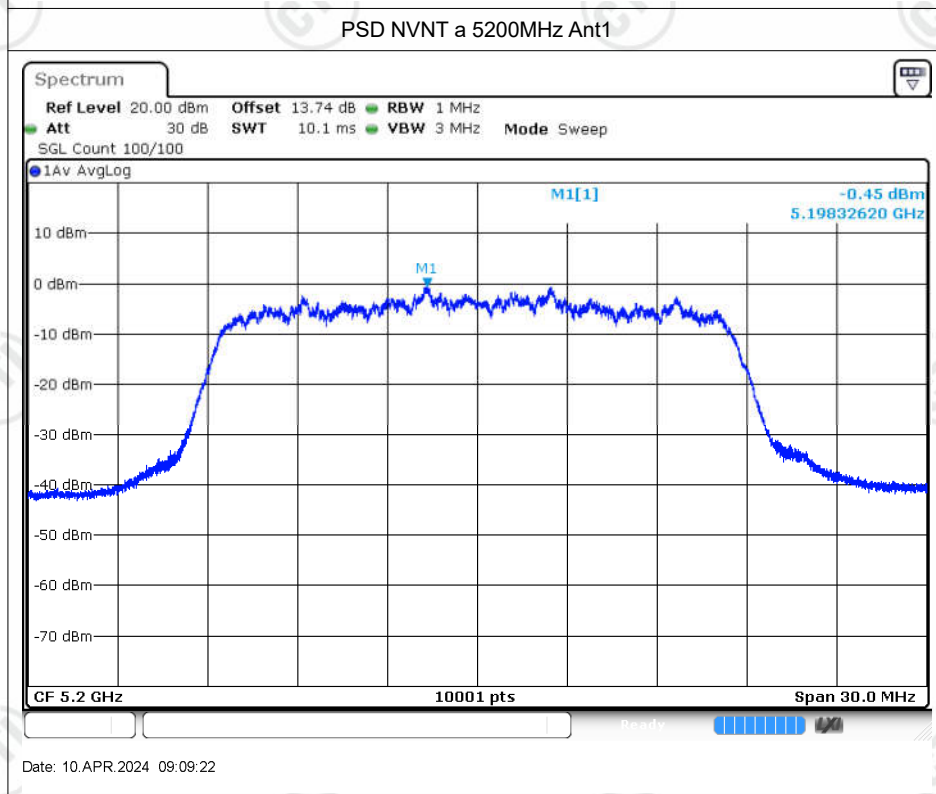
Date: 11.APR.2024 11:18:57

Maximum Power Spectral Density Level

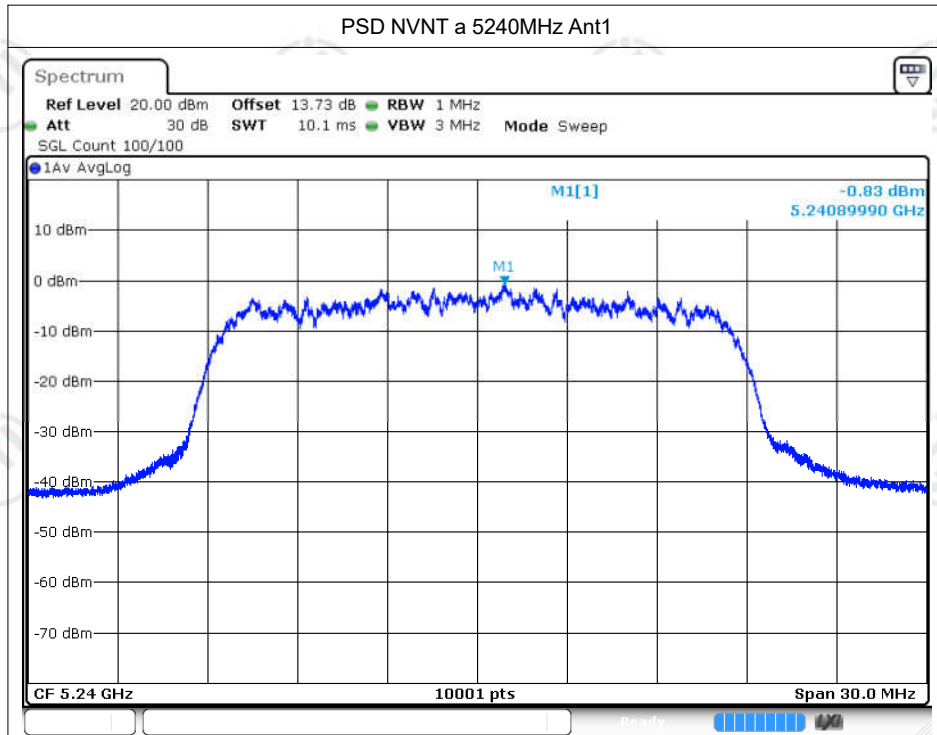
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-1.21	0.31	-0.9	11	Pass
NVNT	a	5200	Ant1	-0.45	0.3	-0.15	11	Pass
NVNT	a	5240	Ant1	-0.83	0.31	-0.52	11	Pass
NVNT	a	5745	Ant1	-3.67	0.31	-3.36	30	Pass
NVNT	a	5785	Ant1	-3.65	0.31	-3.34	30	Pass
NVNT	a	5825	Ant1	-3.52	0.31	-3.21	30	Pass
NVNT	n20	5180	Ant1	-1.59	0.33	-1.26	11	Pass
NVNT	n20	5200	Ant1	-2.03	0.33	-1.7	11	Pass
NVNT	n20	5240	Ant1	-2.1	0.32	-1.78	11	Pass
NVNT	n20	5745	Ant1	-4.55	0.32	-4.23	30	Pass
NVNT	n20	5785	Ant1	-4.88	0.33	-4.55	30	Pass
NVNT	n20	5825	Ant1	-4.36	0.33	-4.03	30	Pass
NVNT	n40	5190	Ant1	-4.5	0.27	-4.23	11	Pass
NVNT	n40	5230	Ant1	-4.28	0.27	-4.01	11	Pass
NVNT	n40	5755	Ant1	-7.93	0.27	-7.66	30	Pass
NVNT	n40	5795	Ant1	-7.57	0.27	-7.3	30	Pass
NVNT	ac20	5180	Ant1	-0.43	0.13	-0.3	11	Pass
NVNT	ac20	5200	Ant1	-0.57	0.13	-0.44	11	Pass
NVNT	ac20	5240	Ant1	-0.93	0.13	-0.8	11	Pass
NVNT	ac20	5745	Ant1	-4.42	0.14	-4.28	30	Pass
NVNT	ac20	5785	Ant1	-4	0.13	-3.87	30	Pass
NVNT	ac20	5825	Ant1	-4.01	0.13	-3.88	30	Pass
NVNT	ac40	5190	Ant1	-4.39	0.27	-4.12	11	Pass
NVNT	ac40	5230	Ant1	-4.14	0.26	-3.88	11	Pass
NVNT	ac40	5755	Ant1	-7.95	0.26	-7.69	30	Pass
NVNT	ac40	5795	Ant1	-7.89	0.26	-7.63	30	Pass
NVNT	ac80	5210	Ant1	-11.41	0.53	-10.88	11	Pass
NVNT	ac80	5775	Ant1	-18.65	1.19	-17.46	30	Pass



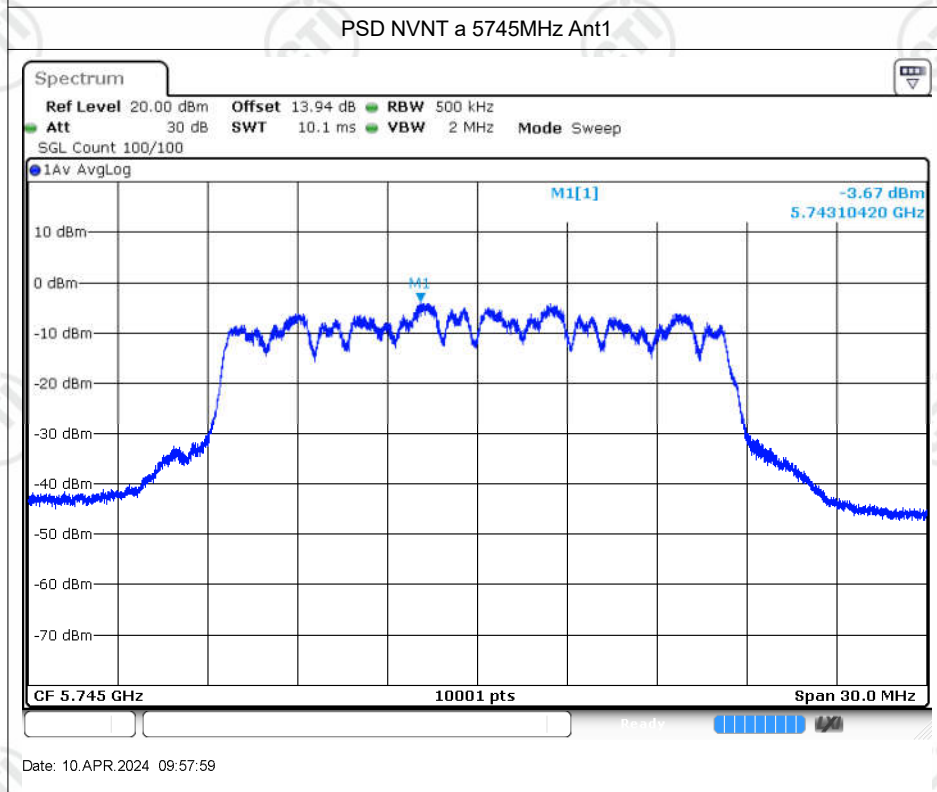
Date: 10.APR.2024 09:06:35



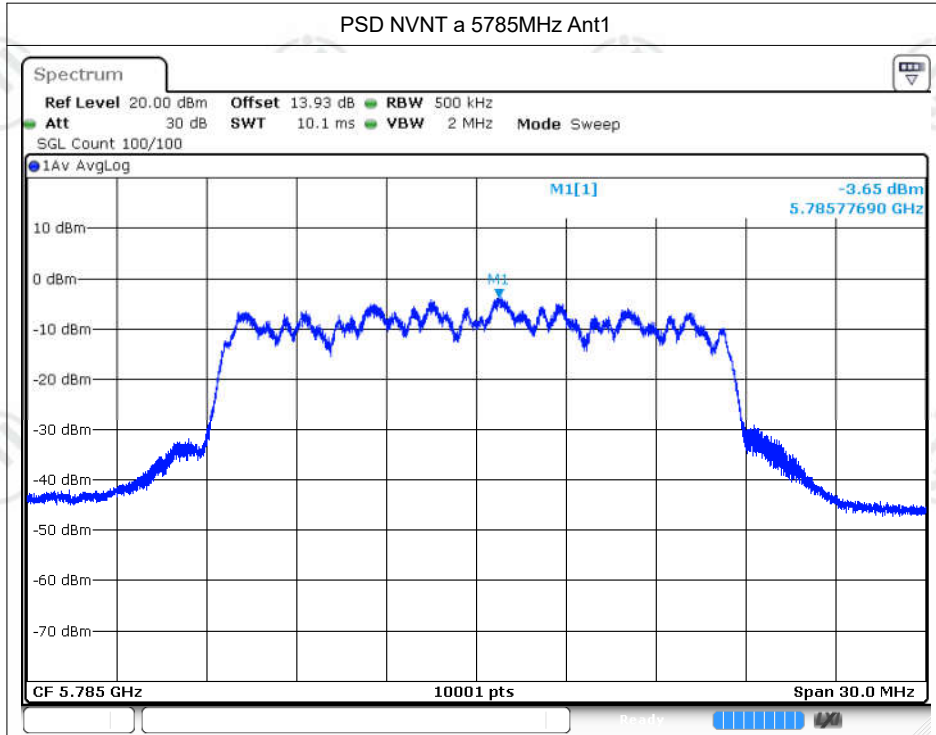
Date: 10.APR.2024 09:09:22



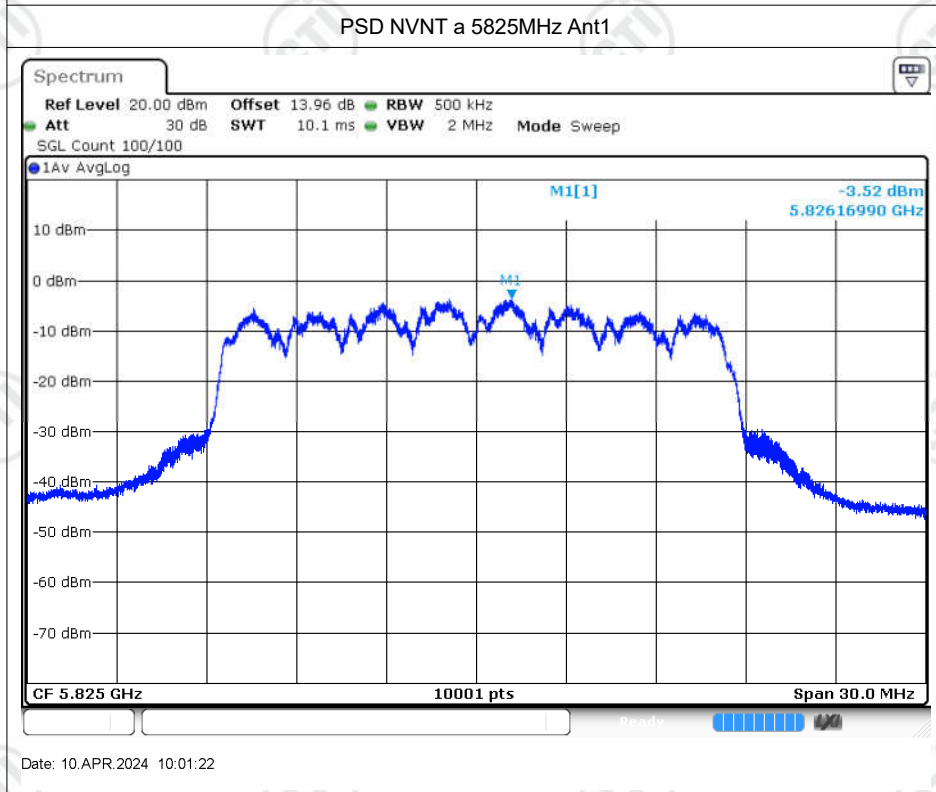
Date: 10.APR.2024 09:11:24



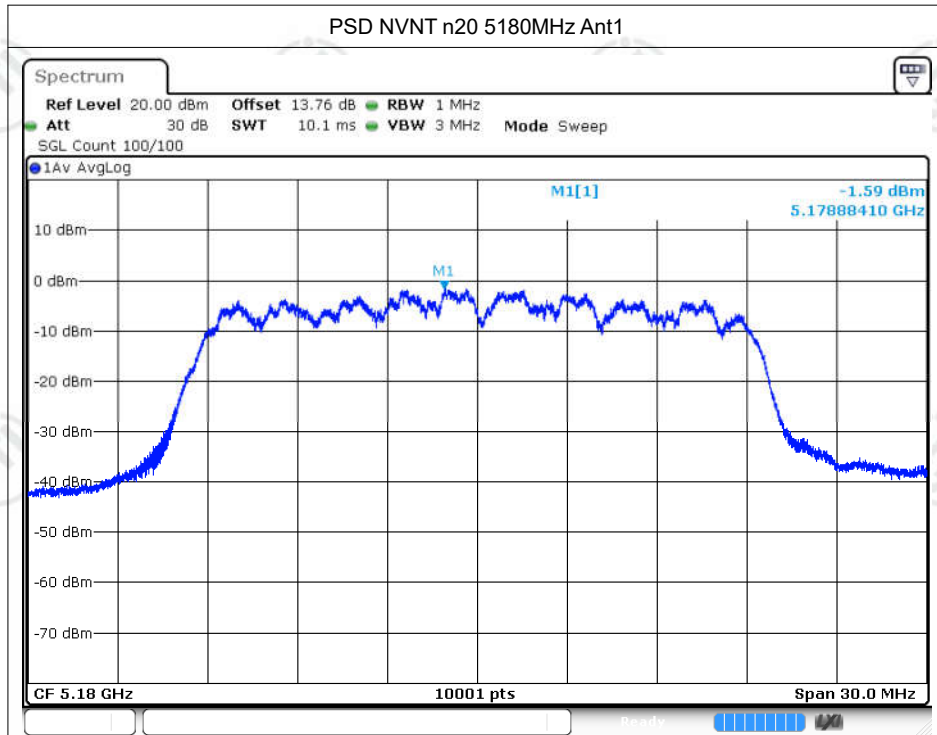
Date: 10.APR.2024 09:57:59



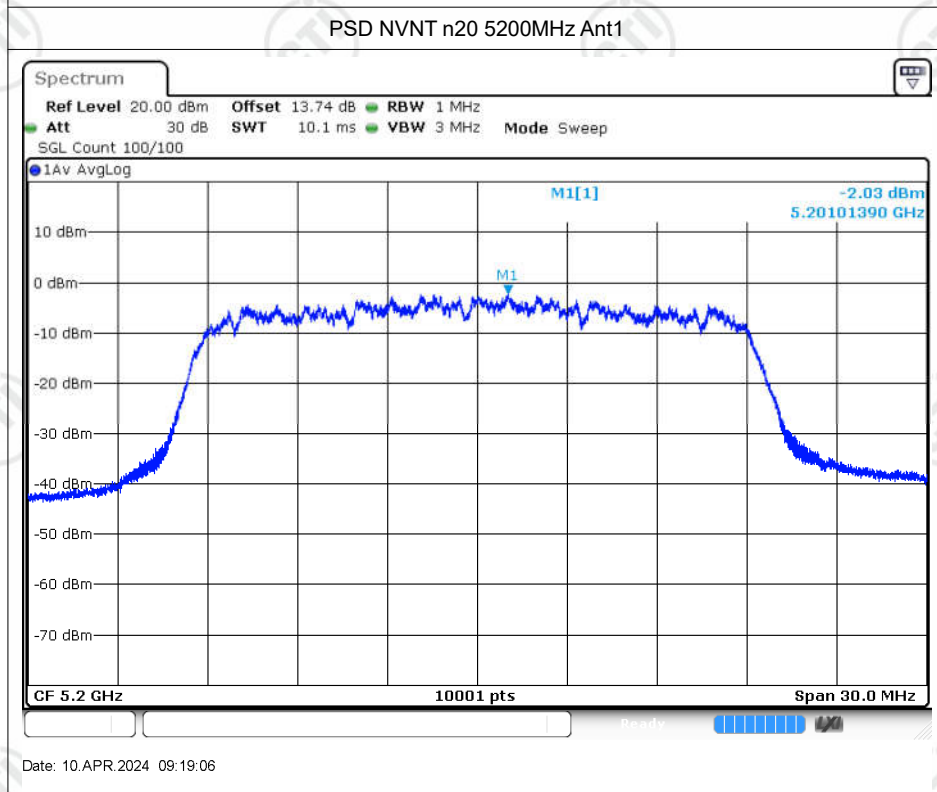
Date: 10.APR.2024 09:59:45



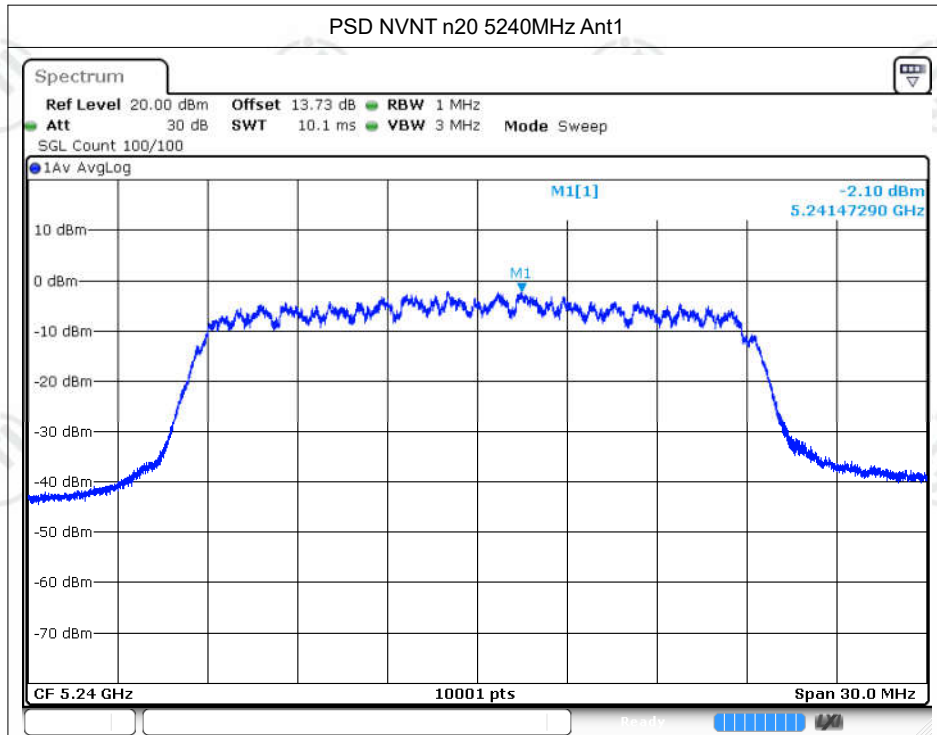
Date: 10.APR.2024 10:01:22



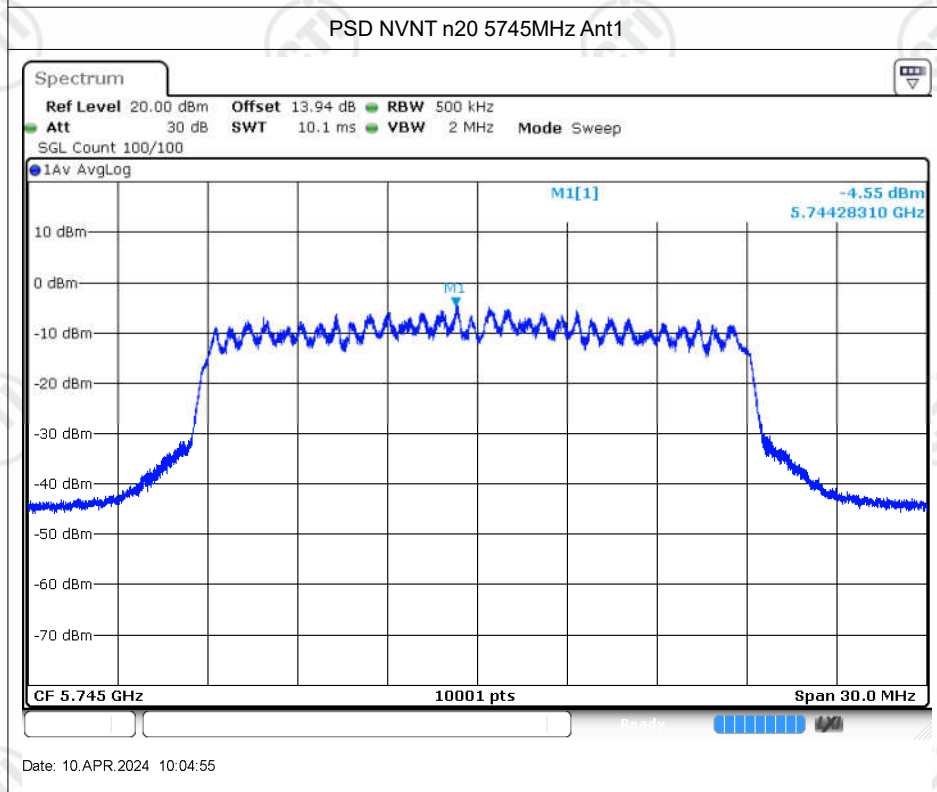
Date: 10.APR.2024 09:14:44



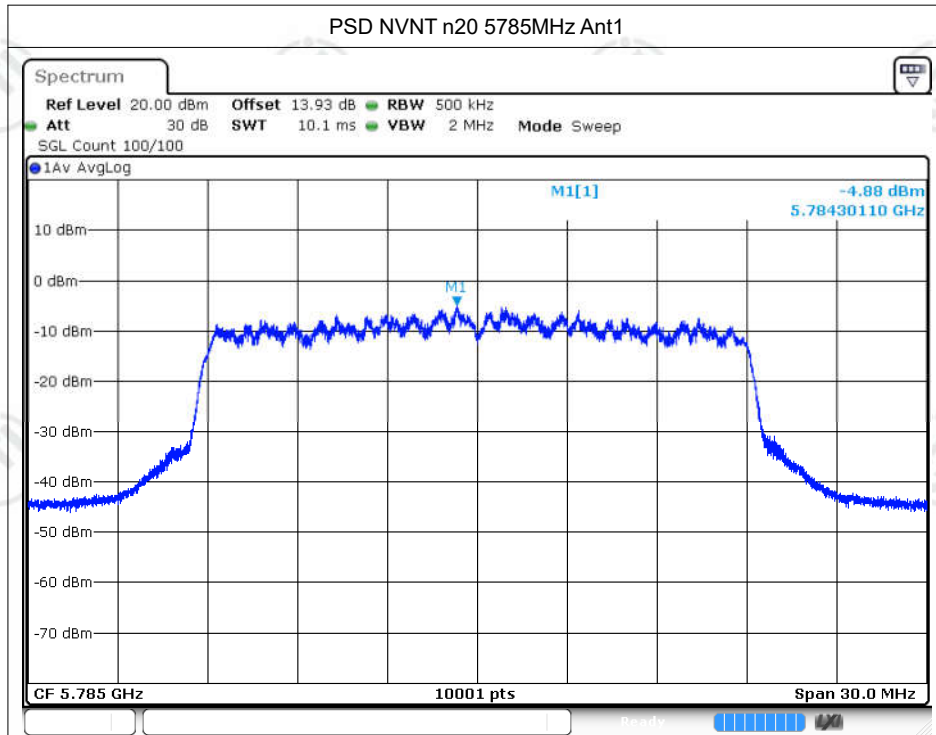
Date: 10.APR.2024 09:19:06



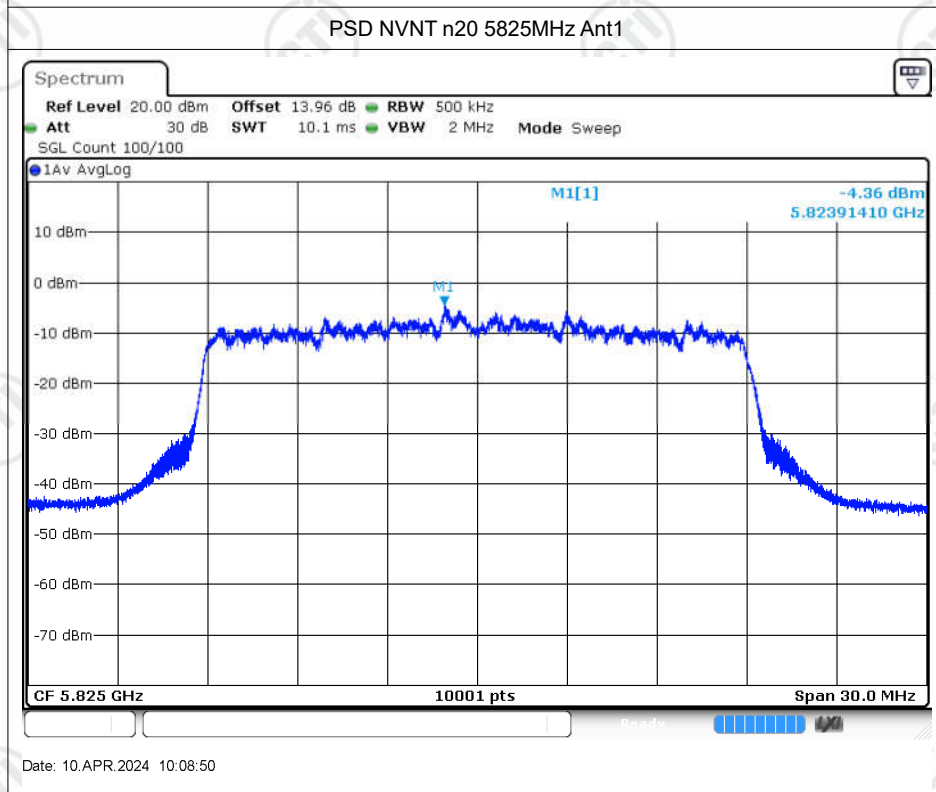
Date: 10.APR.2024 09:20:49



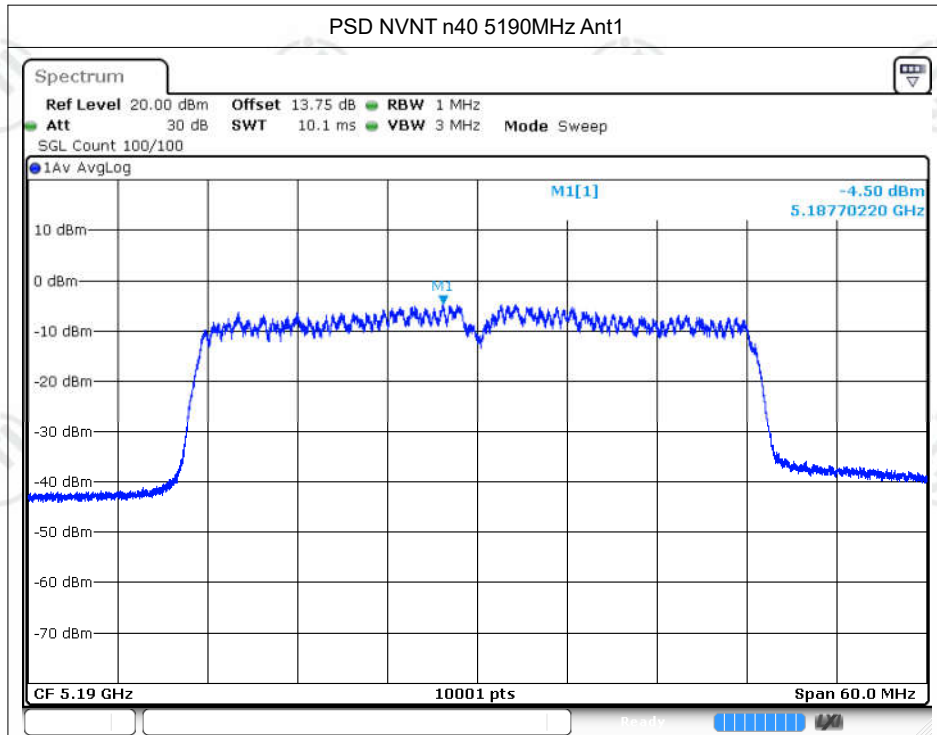
Date: 10.APR.2024 10:04:55



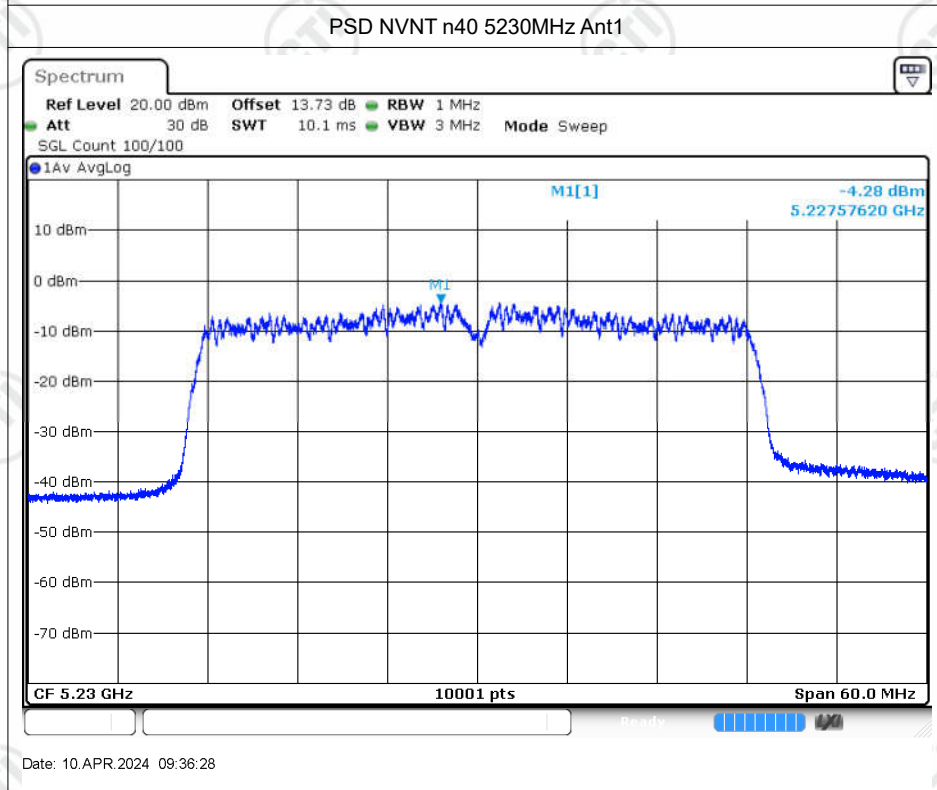
Date: 10.APR.2024 10:07:17



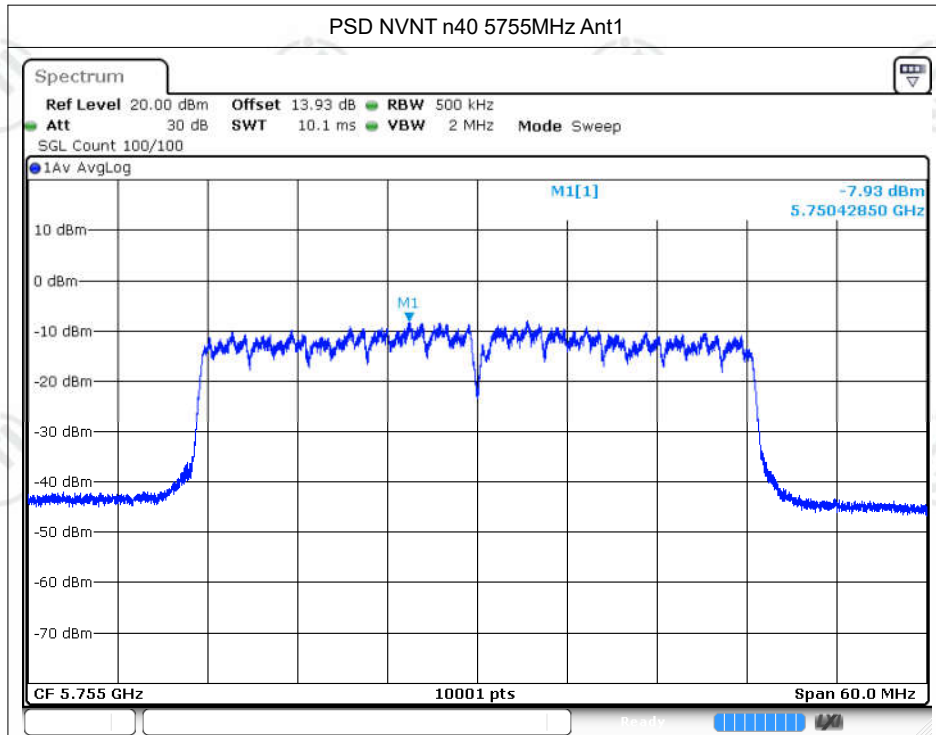
Date: 10.APR.2024 10:08:50



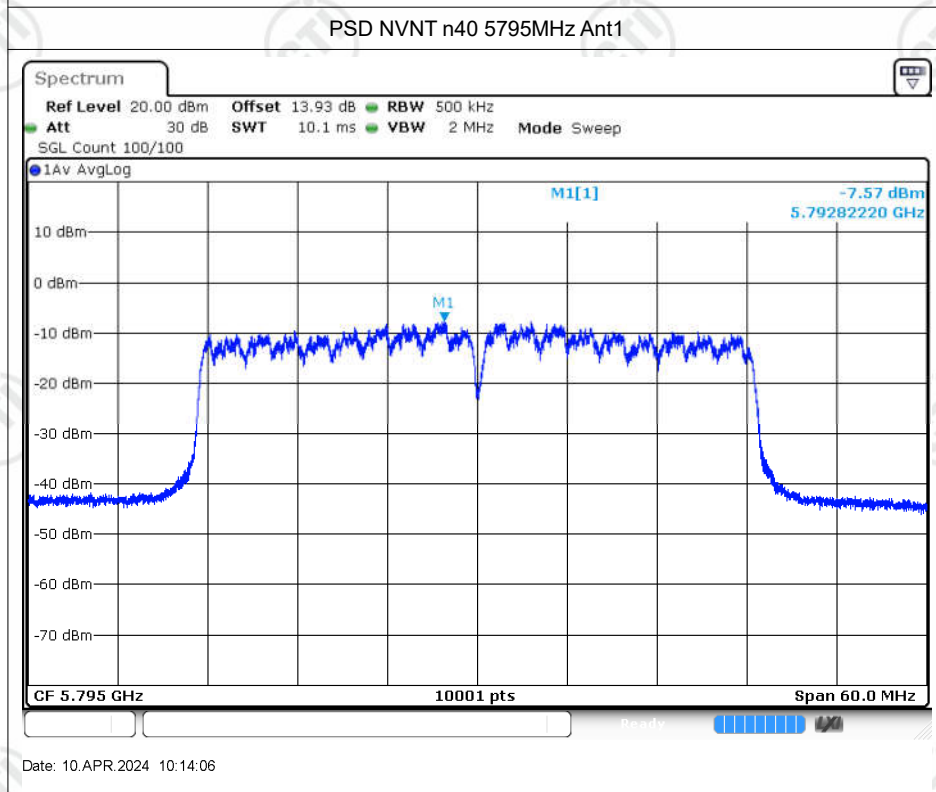
Date: 10.APR.2024 09:34:16



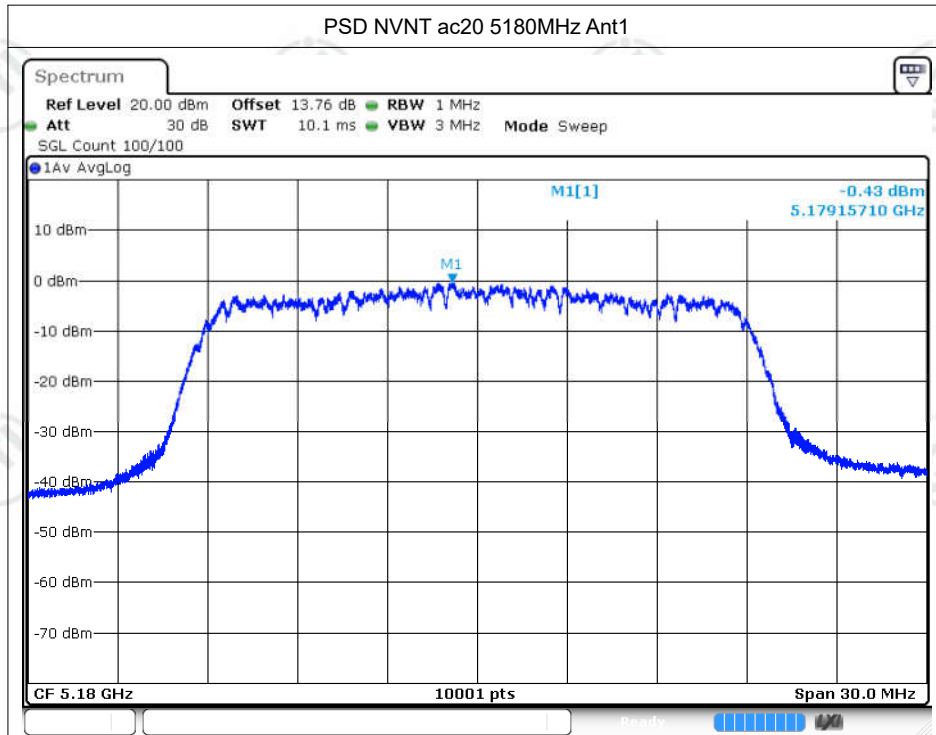
Date: 10.APR.2024 09:36:28



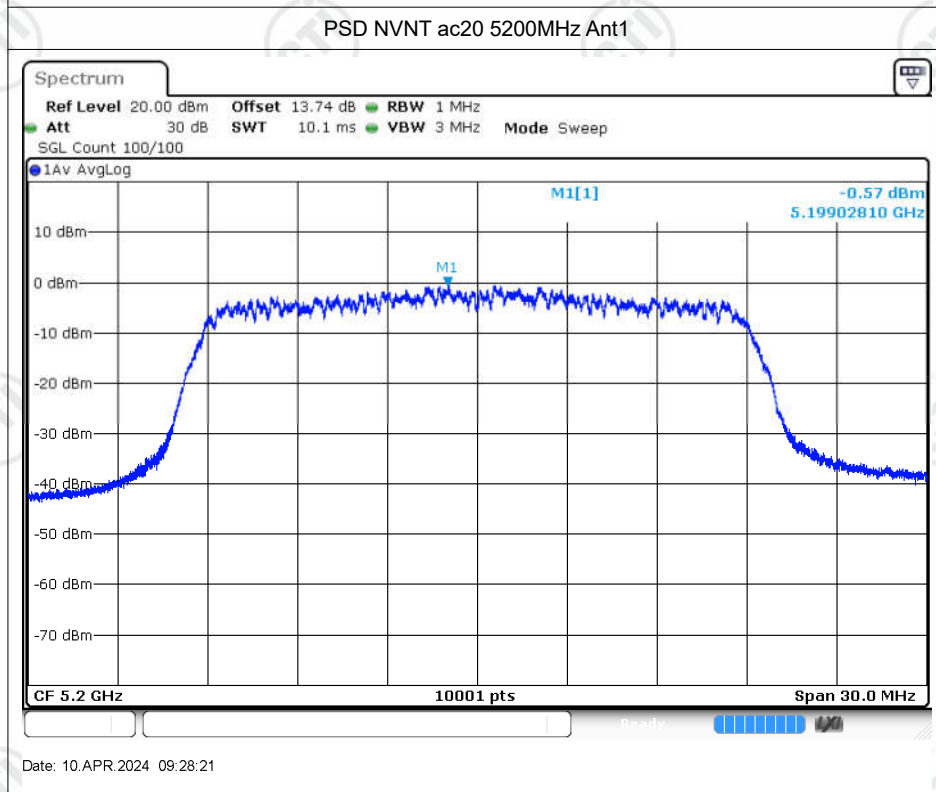
Date: 10.APR.2024 10:11:53



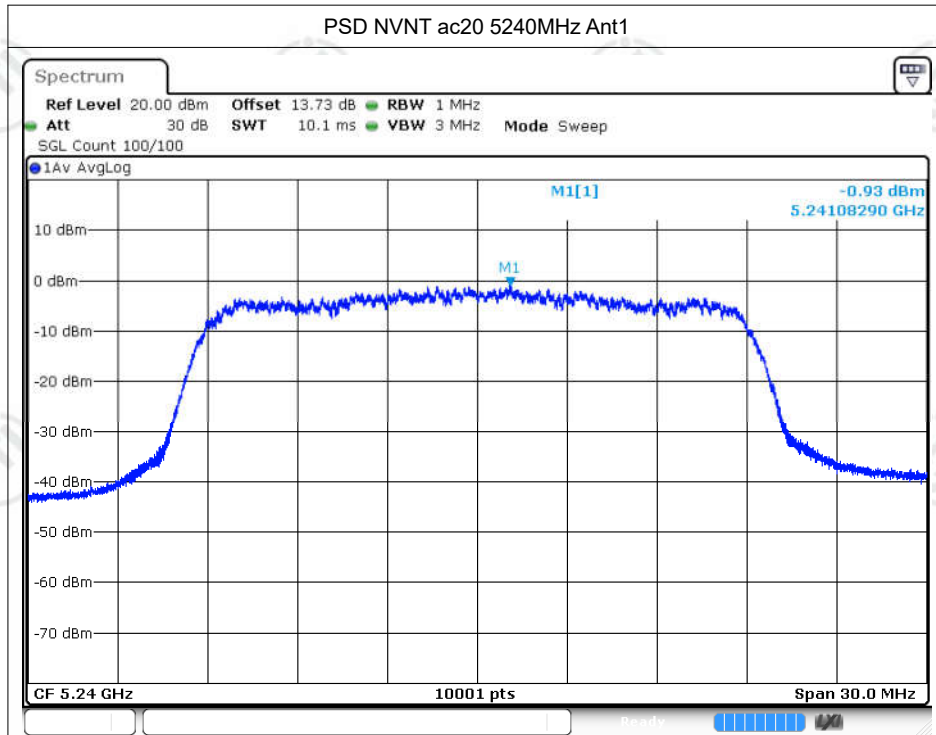
Date: 10.APR.2024 10:14:06



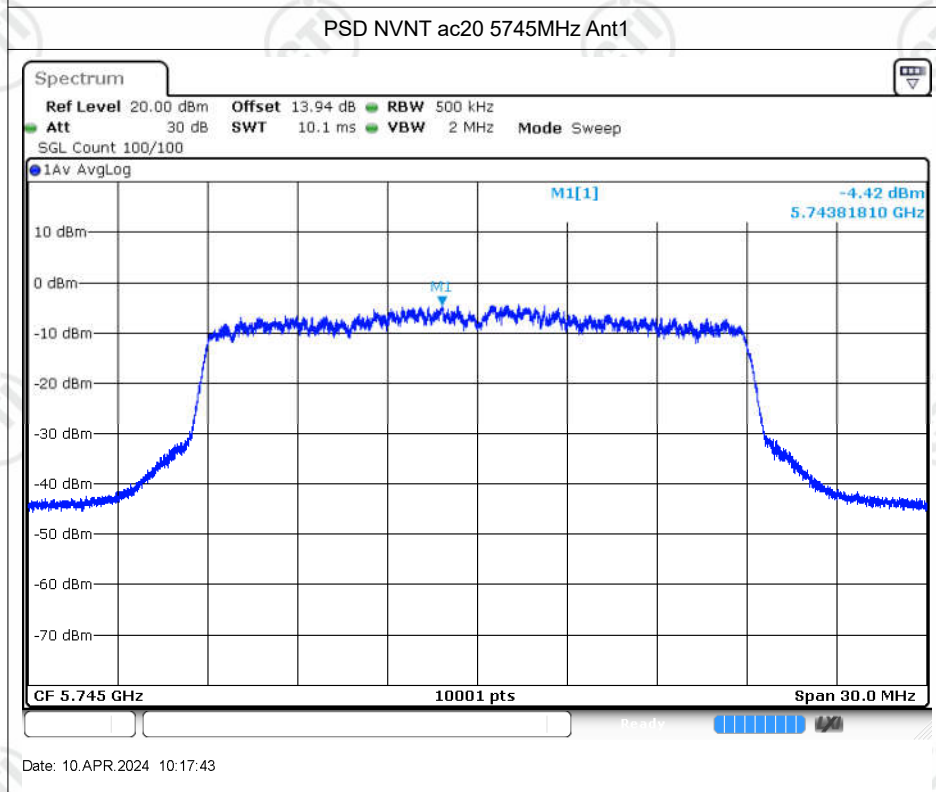
Date: 10.APR.2024 09:26:24



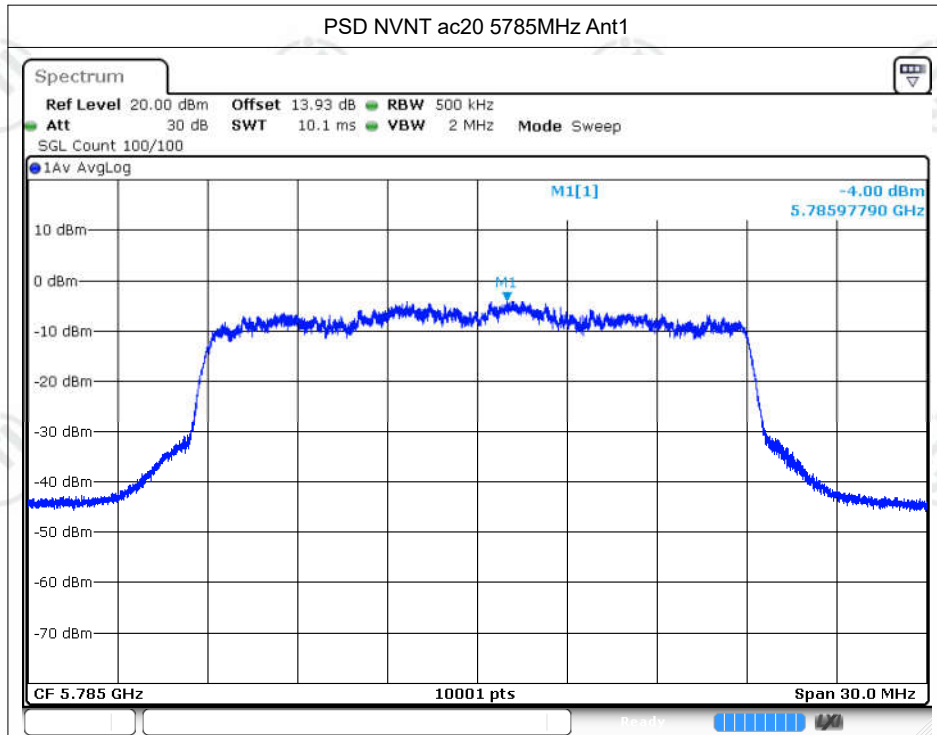
Date: 10.APR.2024 09:28:21



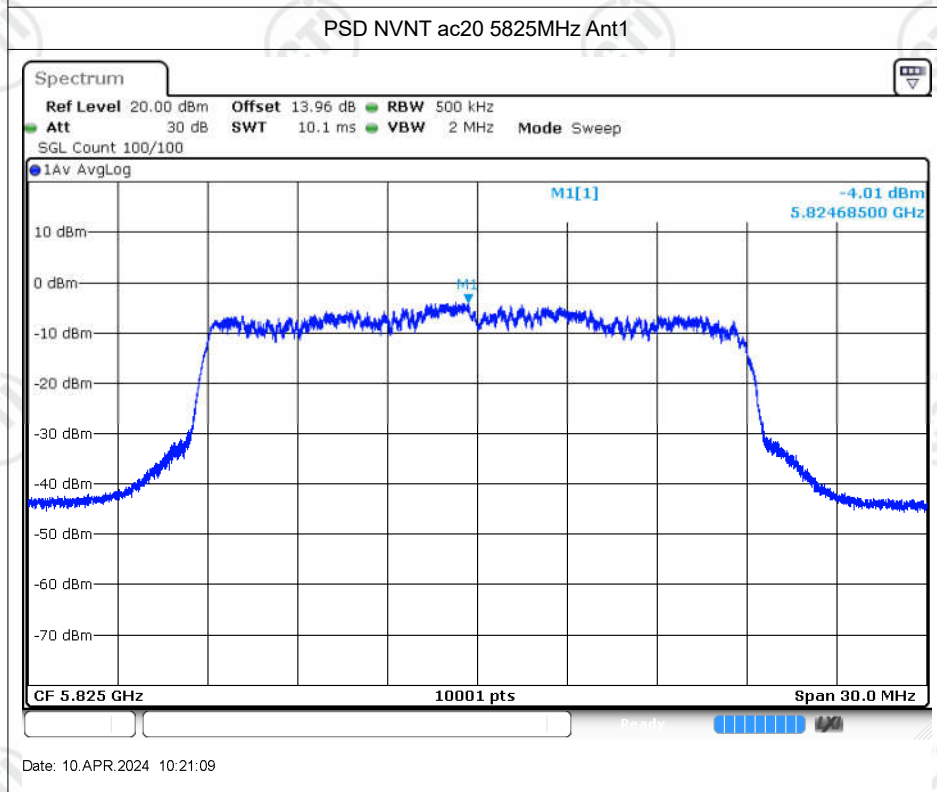
Date: 10.APR.2024 09:29:34



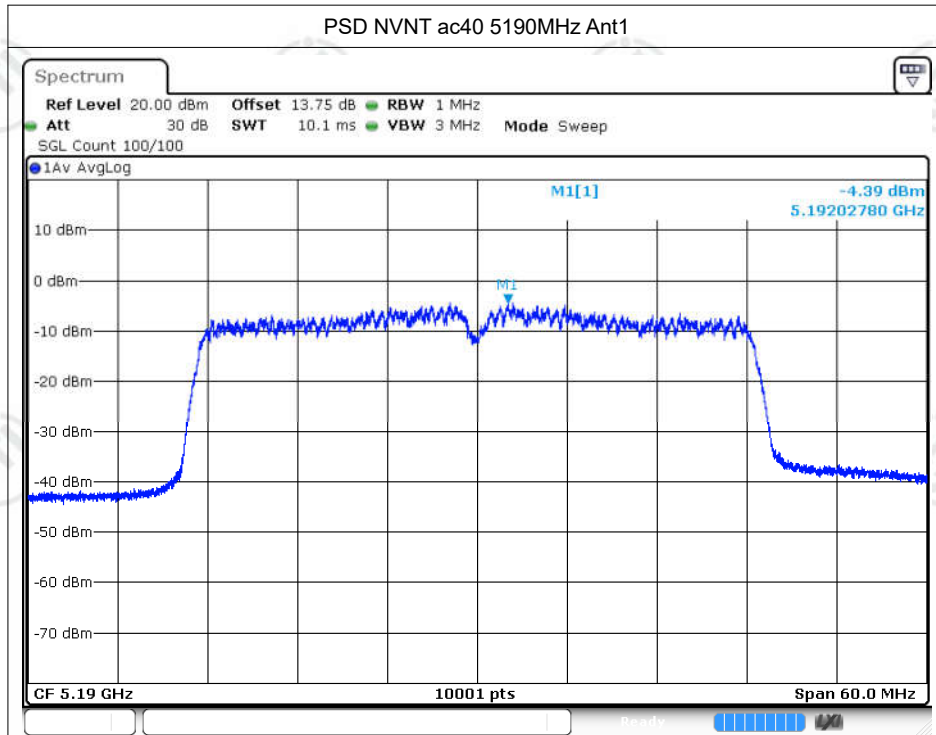
Date: 10.APR.2024 10:17:43



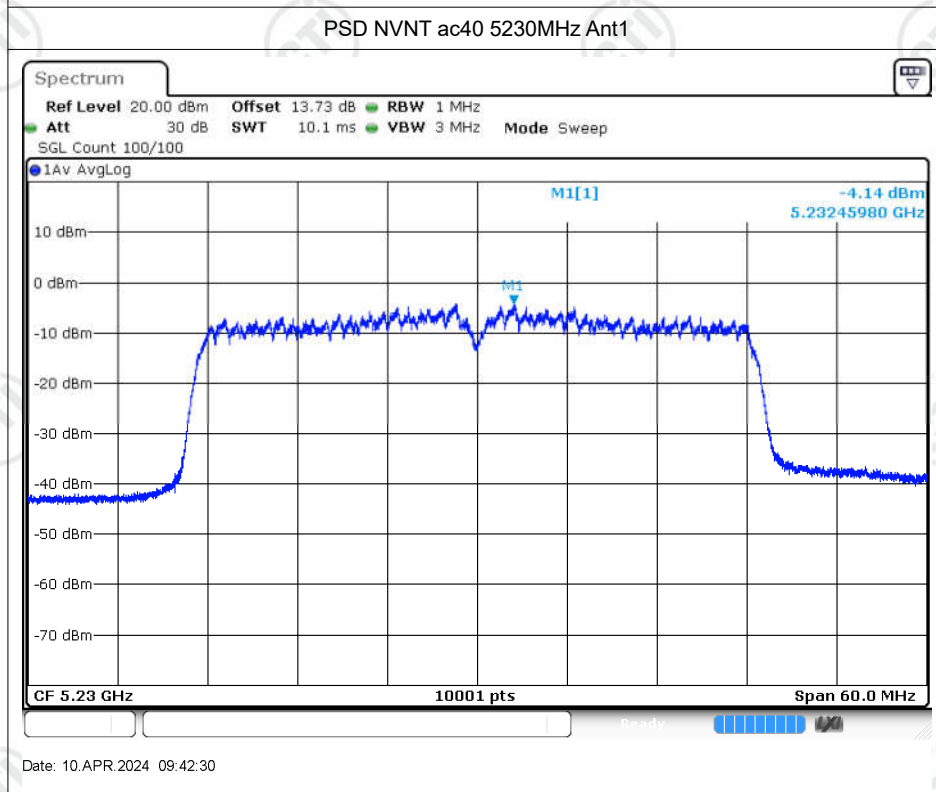
Date: 10.APR.2024 10:19:55



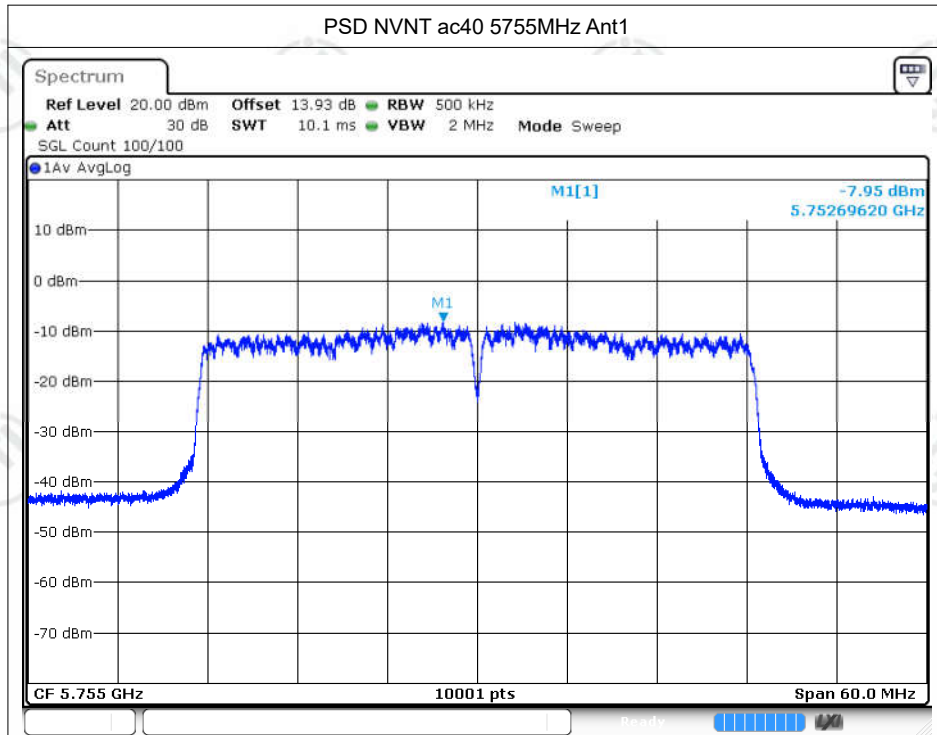
Date: 10.APR.2024 10:21:09



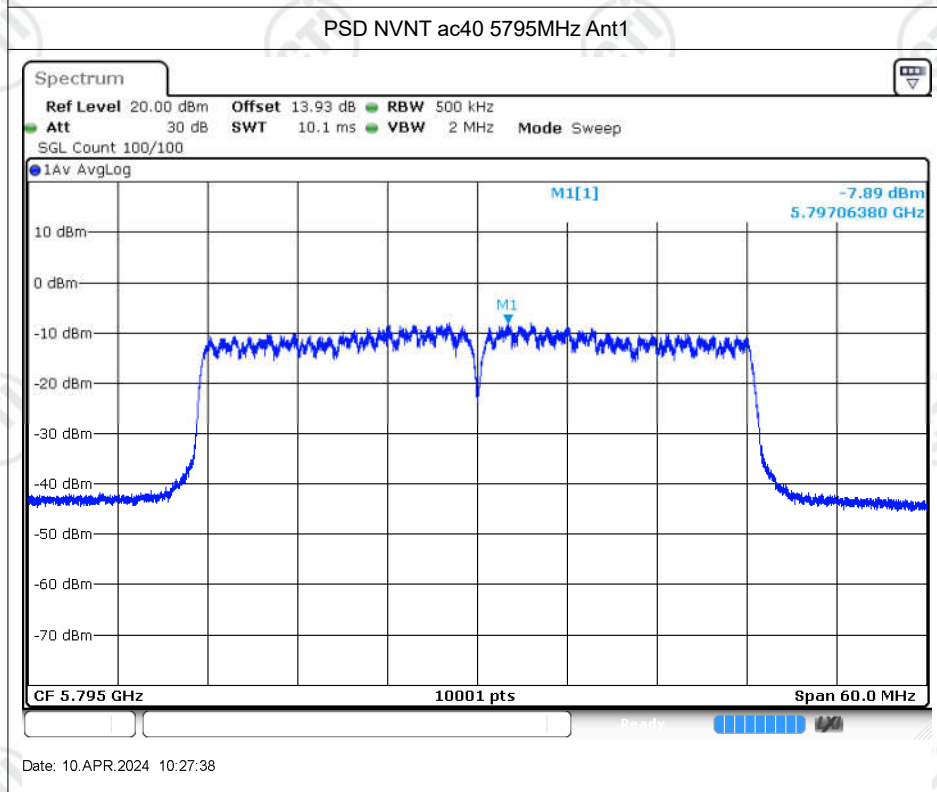
Date: 10.APR.2024 09:40:00



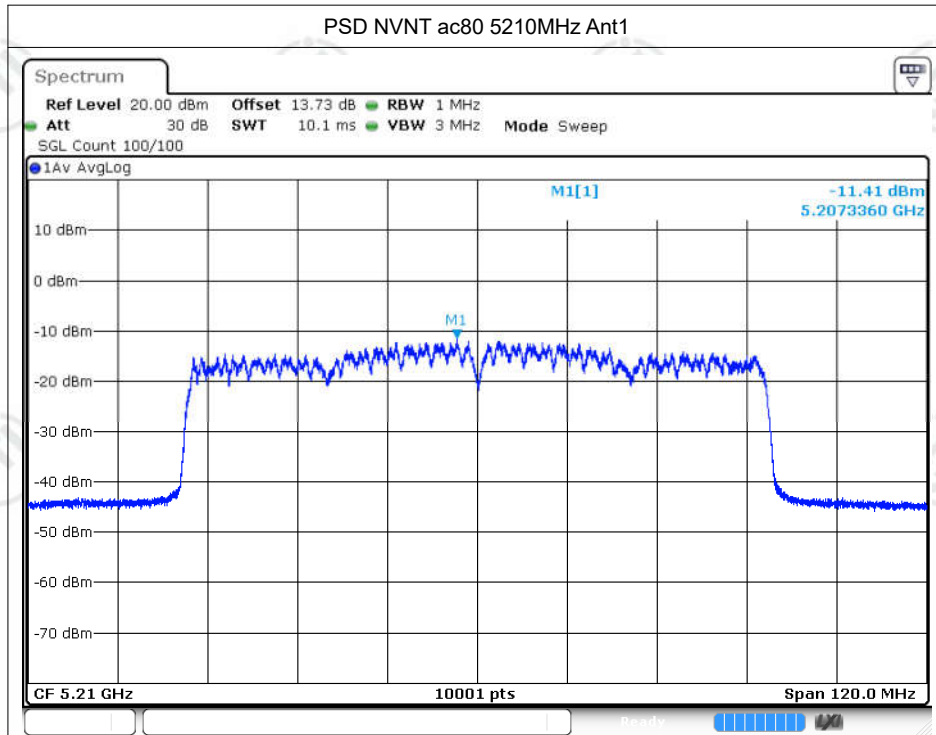
Date: 10.APR.2024 09:42:30



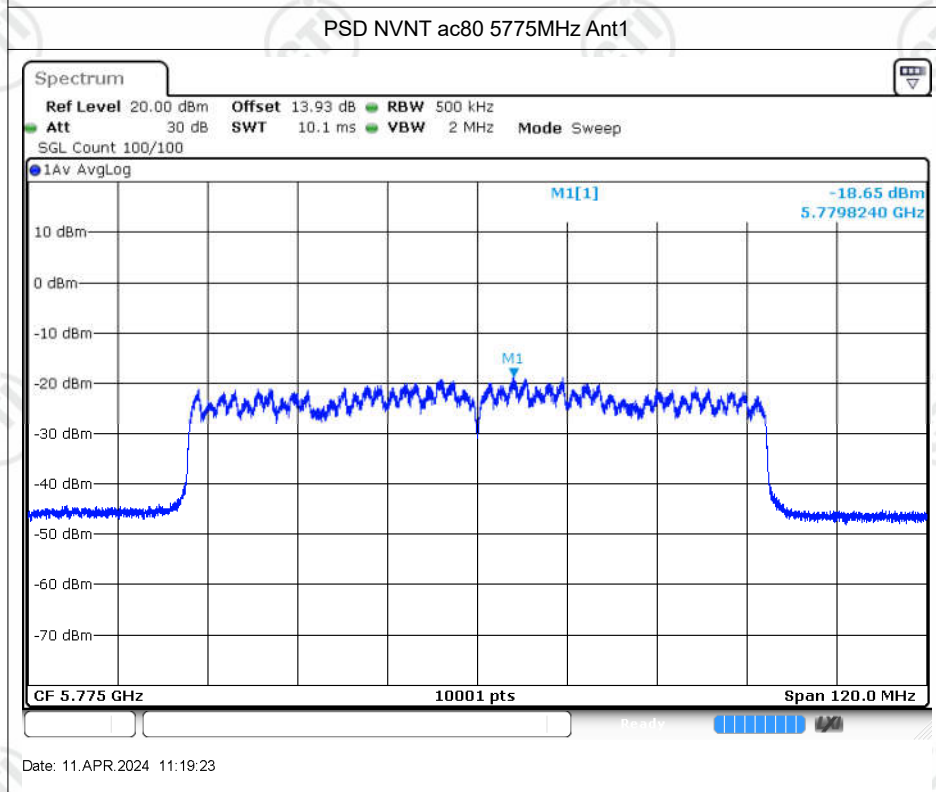
Date: 10.APR.2024 10:24:31



Date: 10.APR.2024 10:27:38



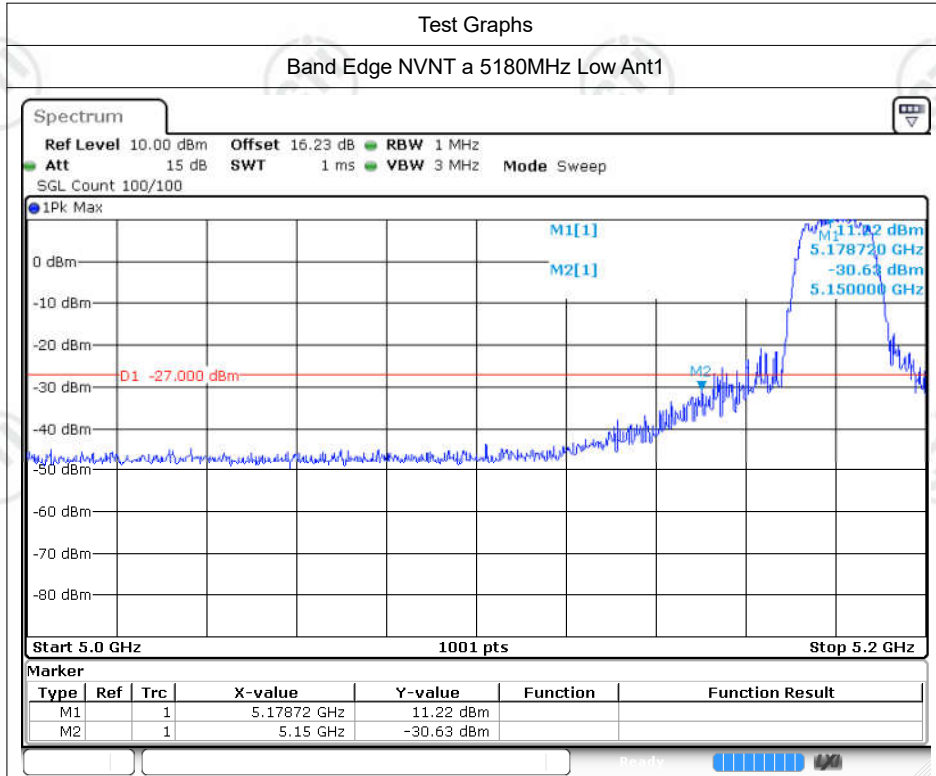
Date: 11.APR.2024 11:14:50



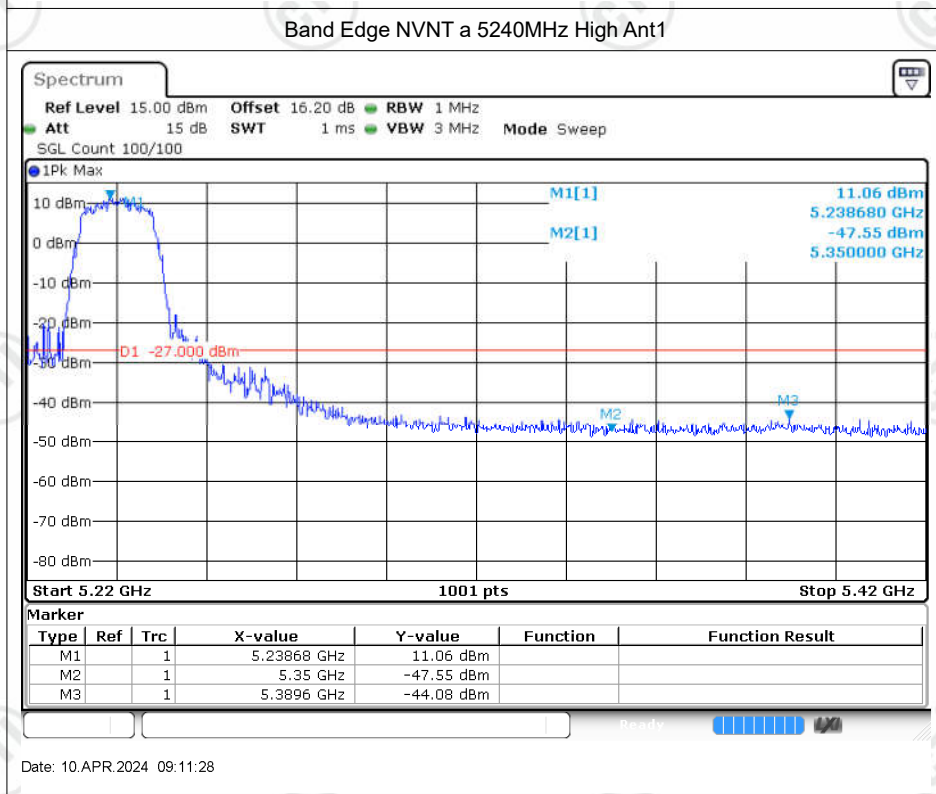
Date: 11.APR.2024 11:19:23

Band Edge

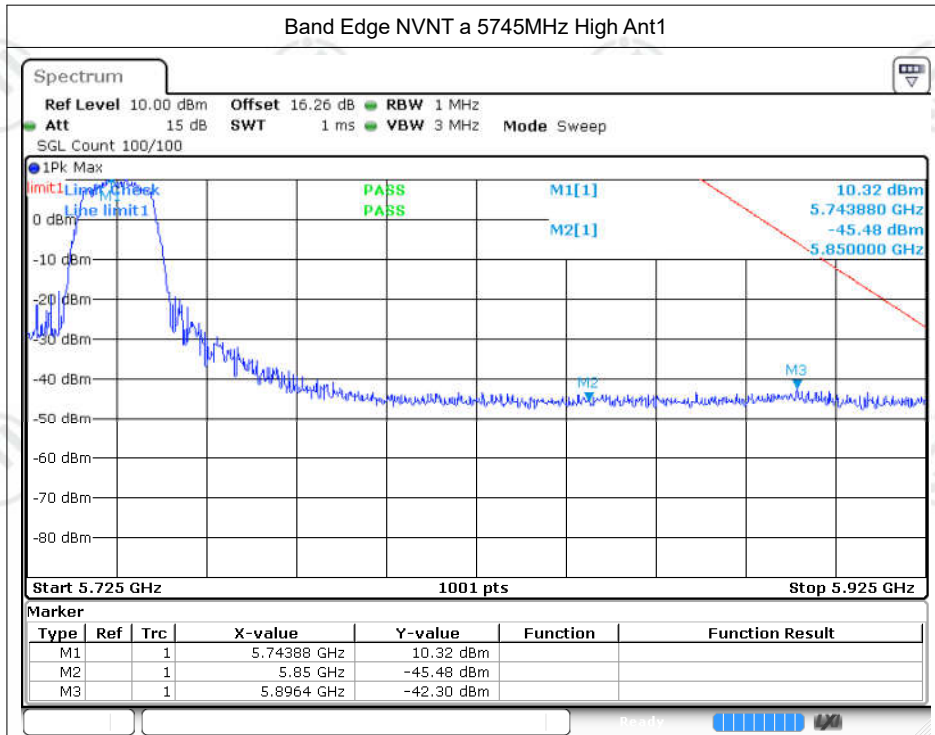
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-30.62	-27	Pass
NVNT	a	5240	Ant1	-44.07	-27	Pass
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-42.29		Pass
NVNT	a	5825	Ant1	-44.16		Pass
NVNT	n20	5180	Ant1	-32.84	-27	Pass
NVNT	n20	5240	Ant1	-43.48	-27	Pass
NVNT	n20	5745	Ant1	-42.93		Pass
NVNT	n20	5825	Ant1	-43.67		Pass
NVNT	n40	5190	Ant1	-33.1	-27	Pass
NVNT	n40	5230	Ant1	-43.75	-27	Pass
NVNT	n40	5755	Ant1	-42.3		Pass
NVNT	n40	5795	Ant1	-39.88		Pass
NVNT	ac20	5180	Ant1	-31.39	-27	Pass
NVNT	ac20	5240	Ant1	-45.28	-27	Pass
NVNT	ac20	5745	Ant1	-41.86		Pass
NVNT	ac20	5825	Ant1	-43.19		Pass
NVNT	ac40	5190	Ant1	-32.63	-27	Pass
NVNT	ac40	5230	Ant1	-43.76	-27	Pass
NVNT	ac40	5755	Ant1	-42.14		Pass
NVNT	ac40	5795	Ant1	-38.9		Pass
NVNT	ac80	5210	Ant1	-34.7	-27	Pass
NVNT	ac80	5775	Ant1	-28.47		Pass
NVNT	ac80	5775	Ant1	-26.6		Pass



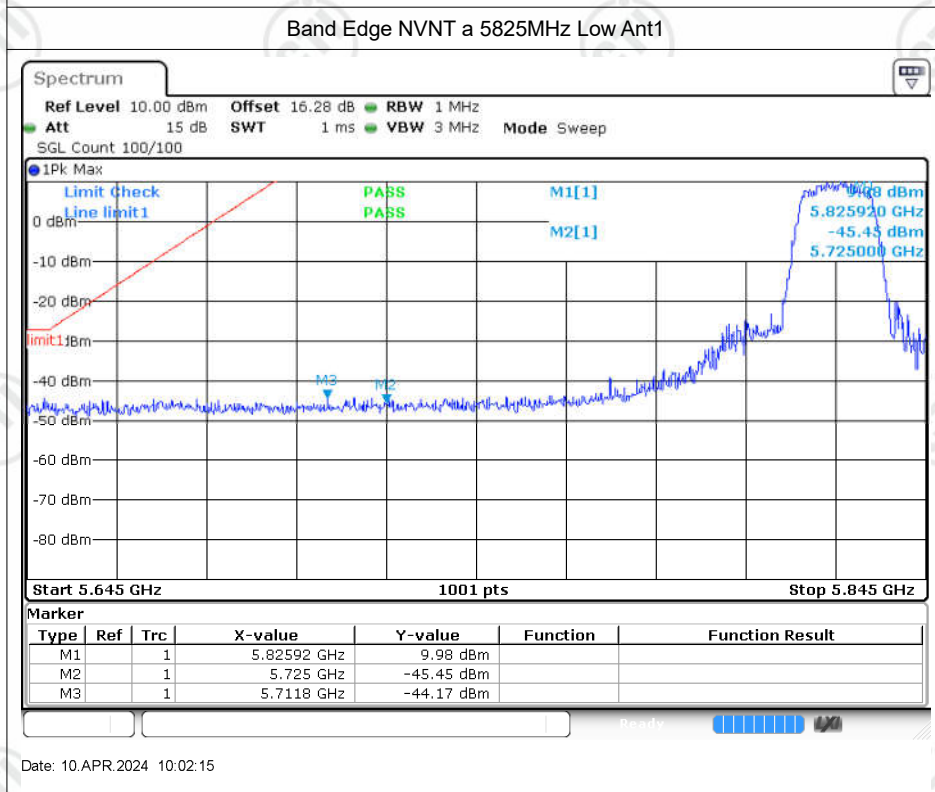
Date: 10.APR.2024 09:06:38



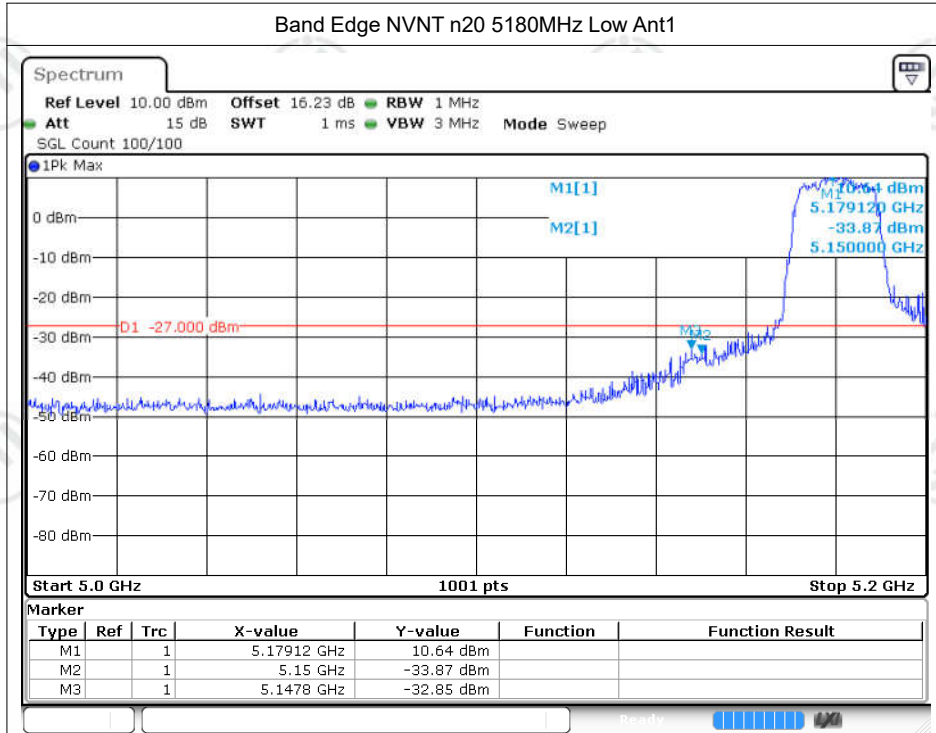
Date: 10.APR.2024 09:11:28



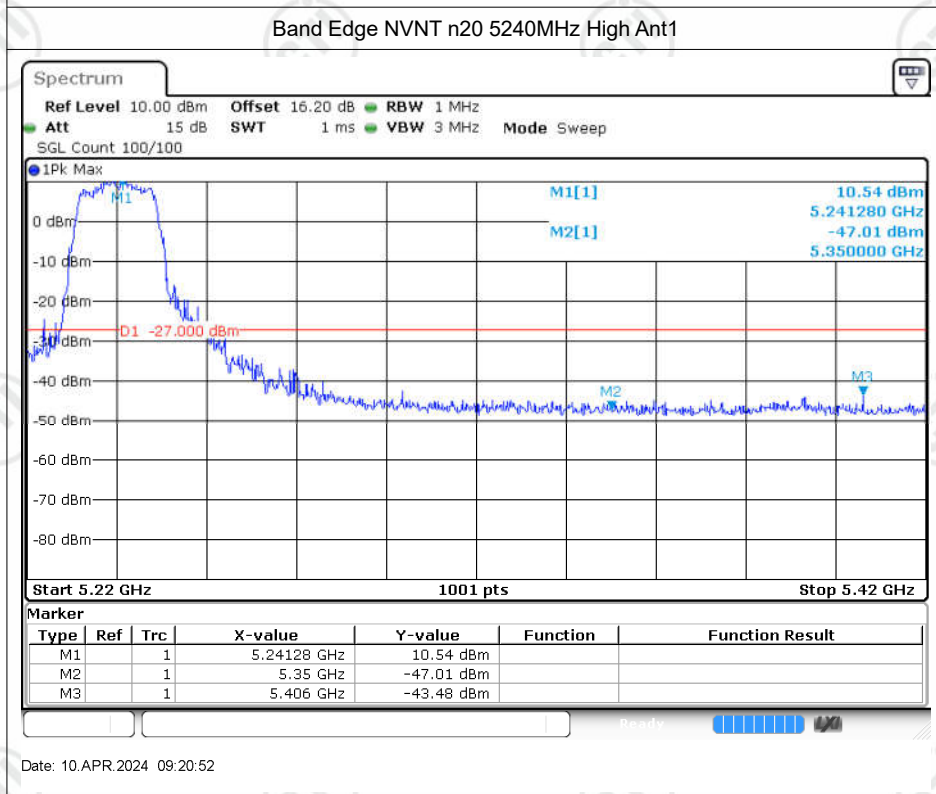
Date: 10.APR.2024 09:58:51



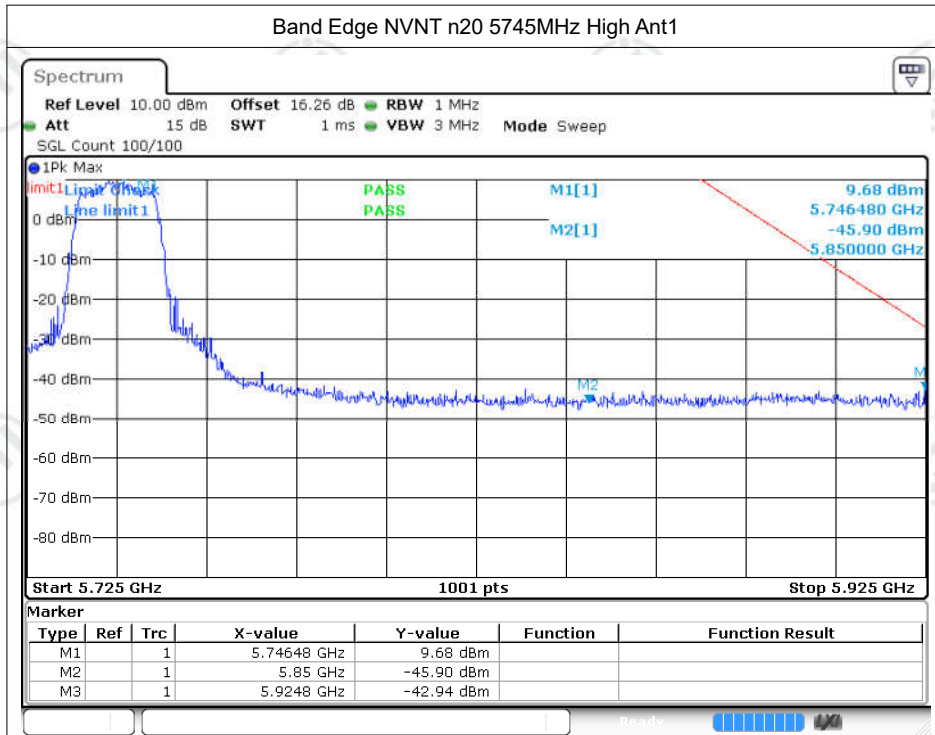
Date: 10.APR.2024 10:02:15



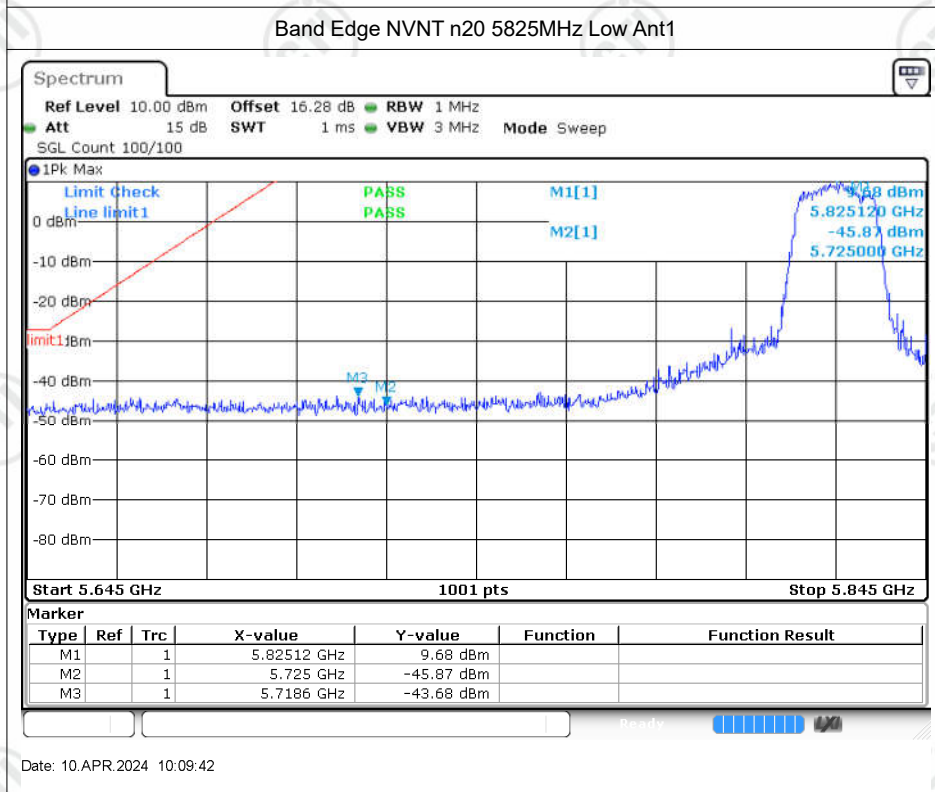
Date: 10.APR.2024 09:14:48



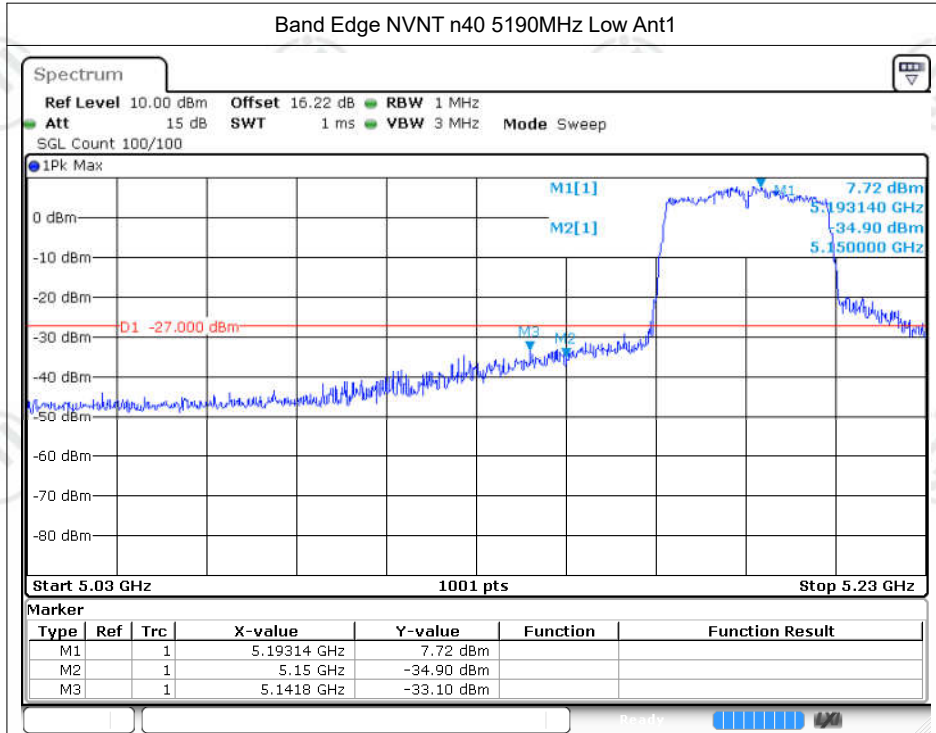
Date: 10.APR.2024 09:20:52



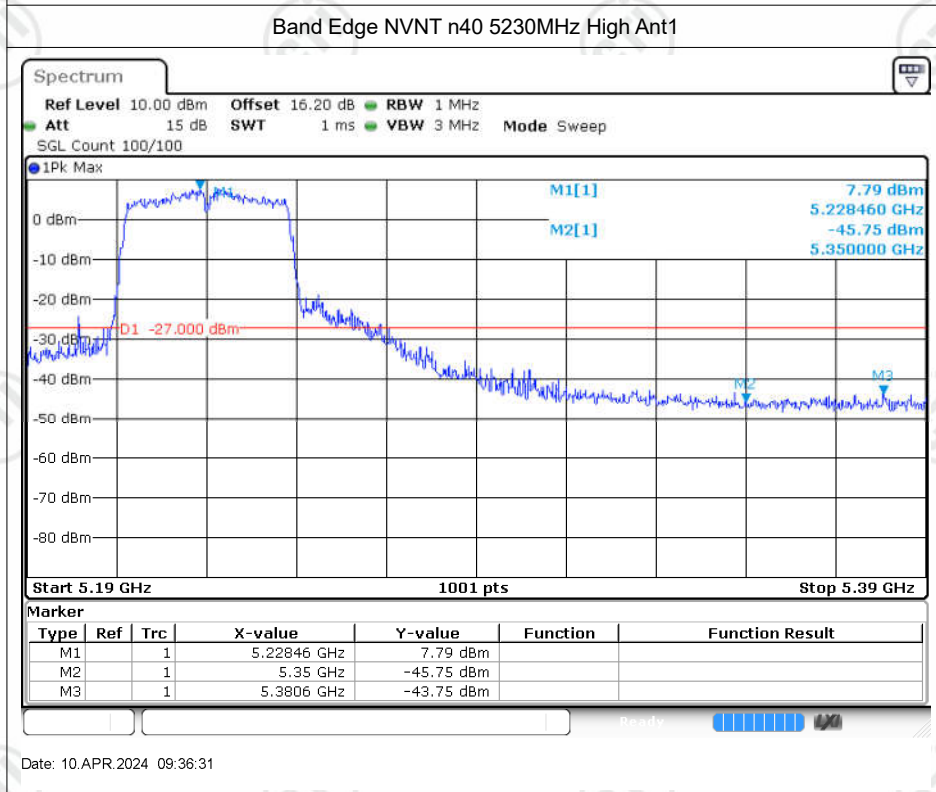
Date: 10.APR.2024 10:05:47



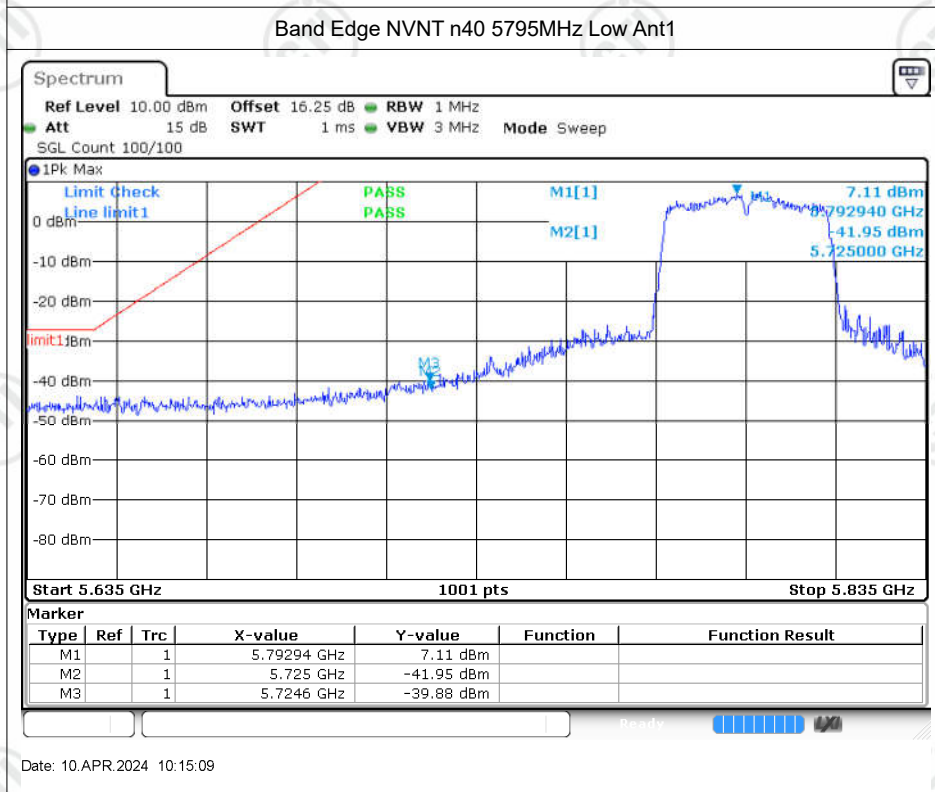
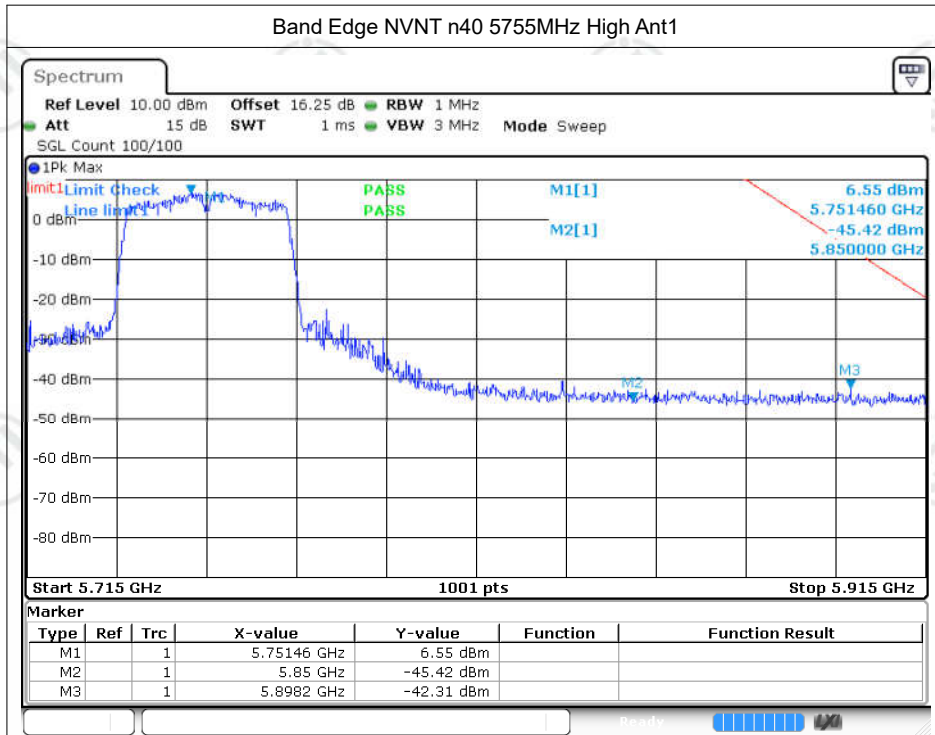
Date: 10.APR.2024 10:09:42

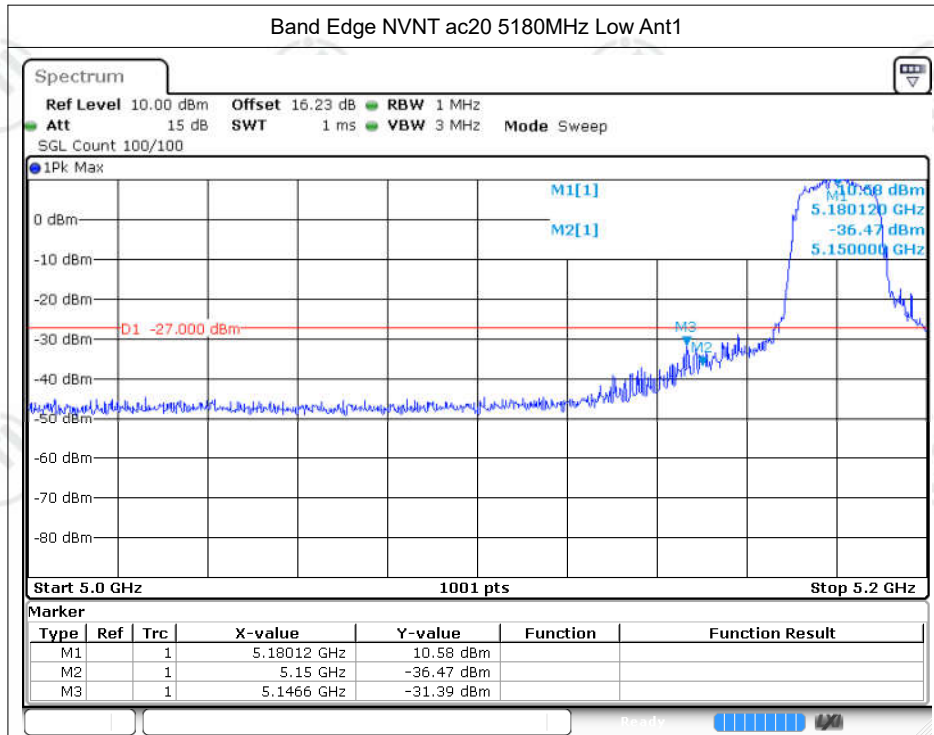


Date: 10.APR.2024 09:34:19

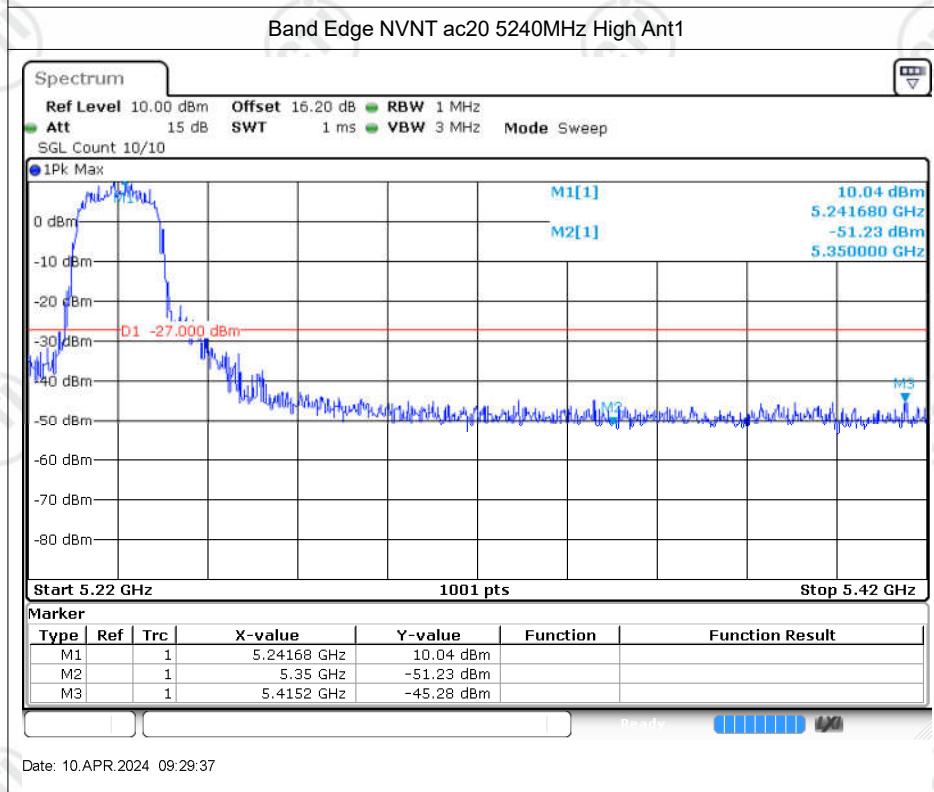


Date: 10.APR.2024 09:36:31

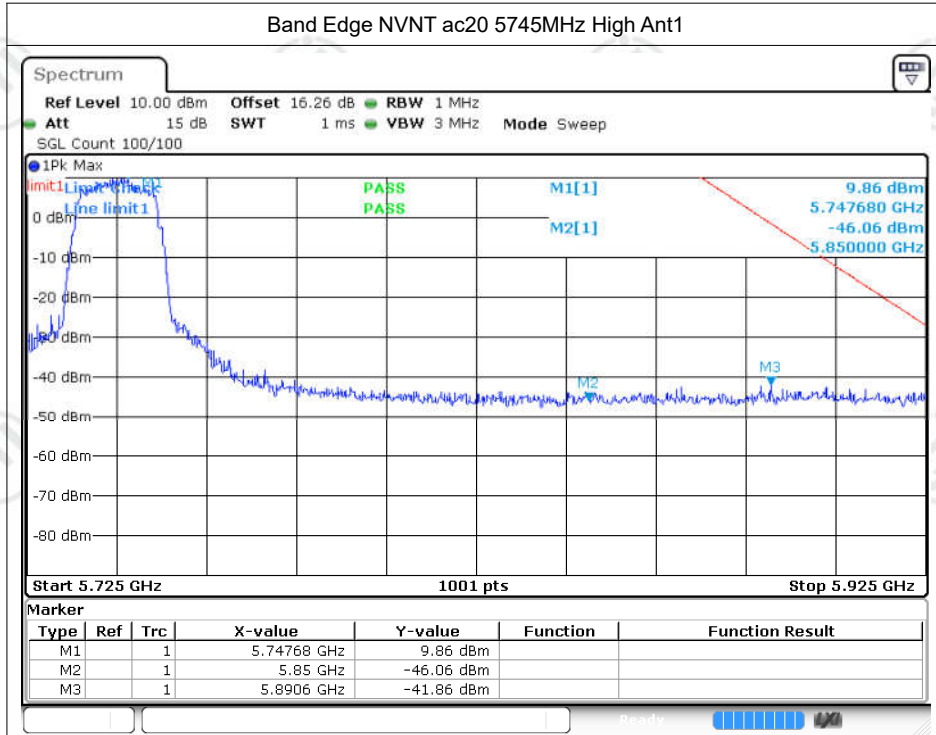




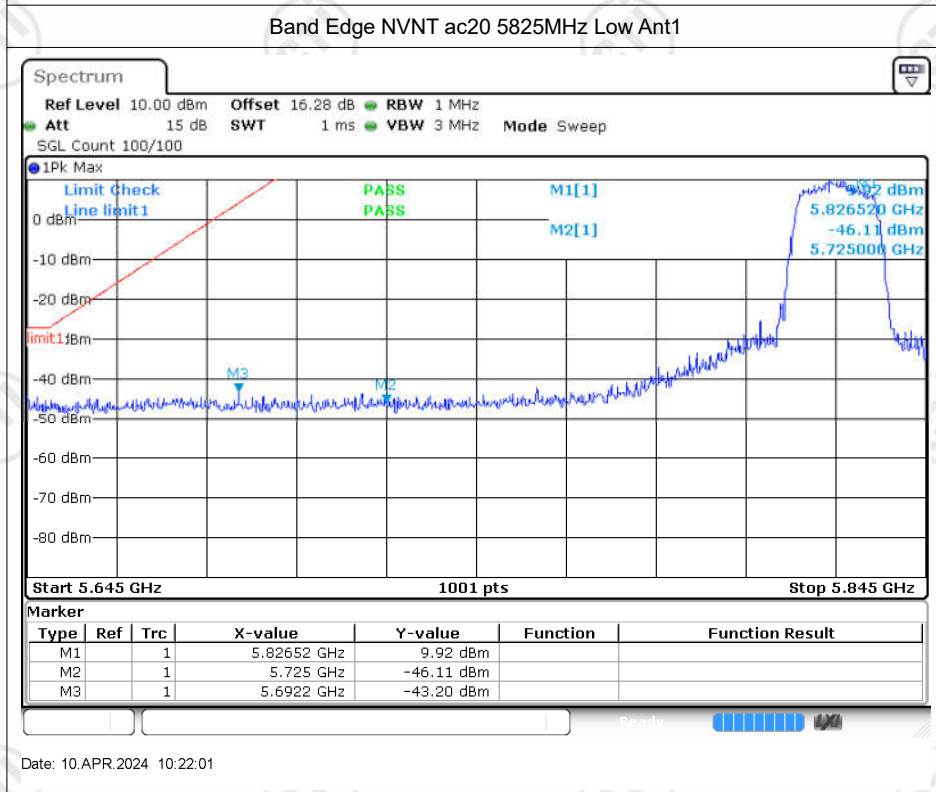
Date: 10.APR.2024 09:26:28



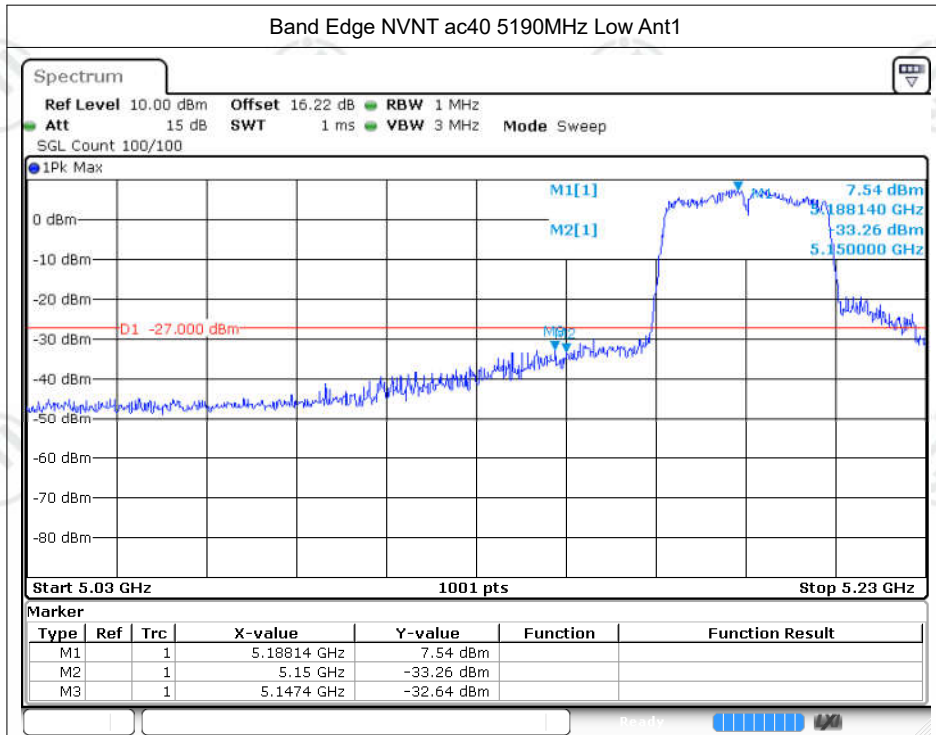
Date: 10.APR.2024 09:29:37



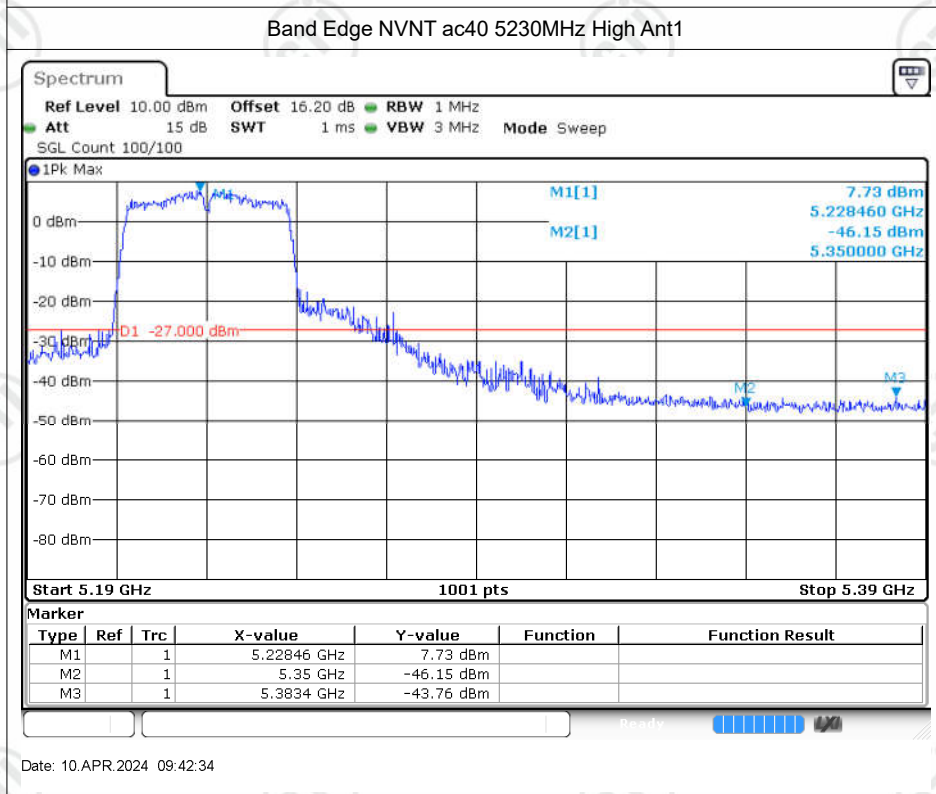
Date: 10.APR.2024 10:18:35



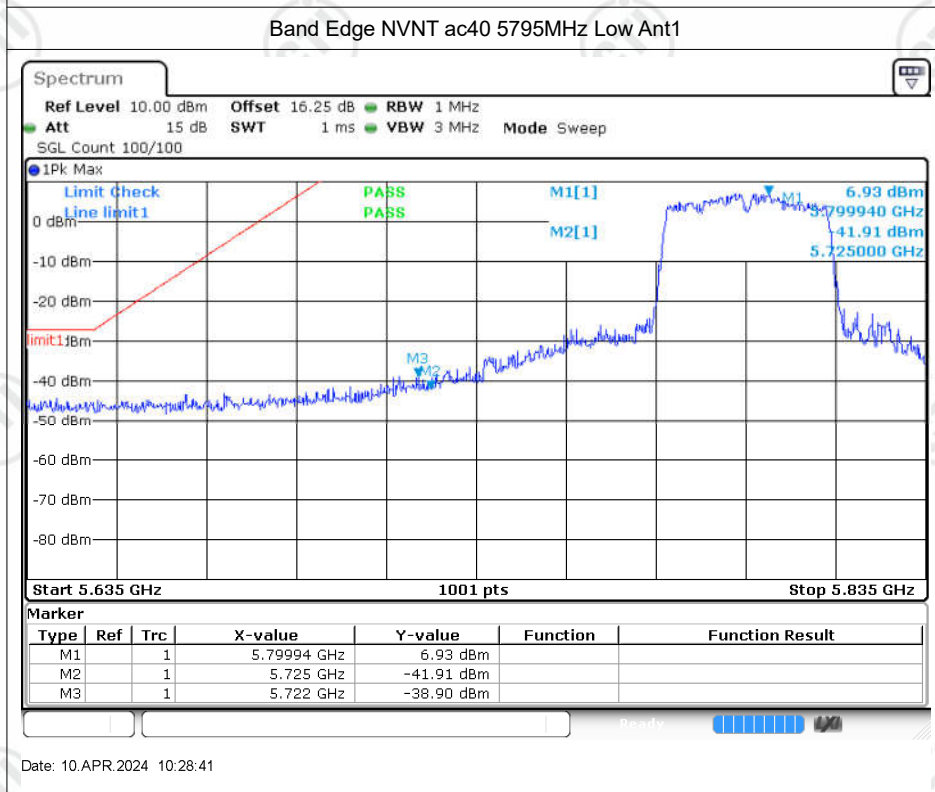
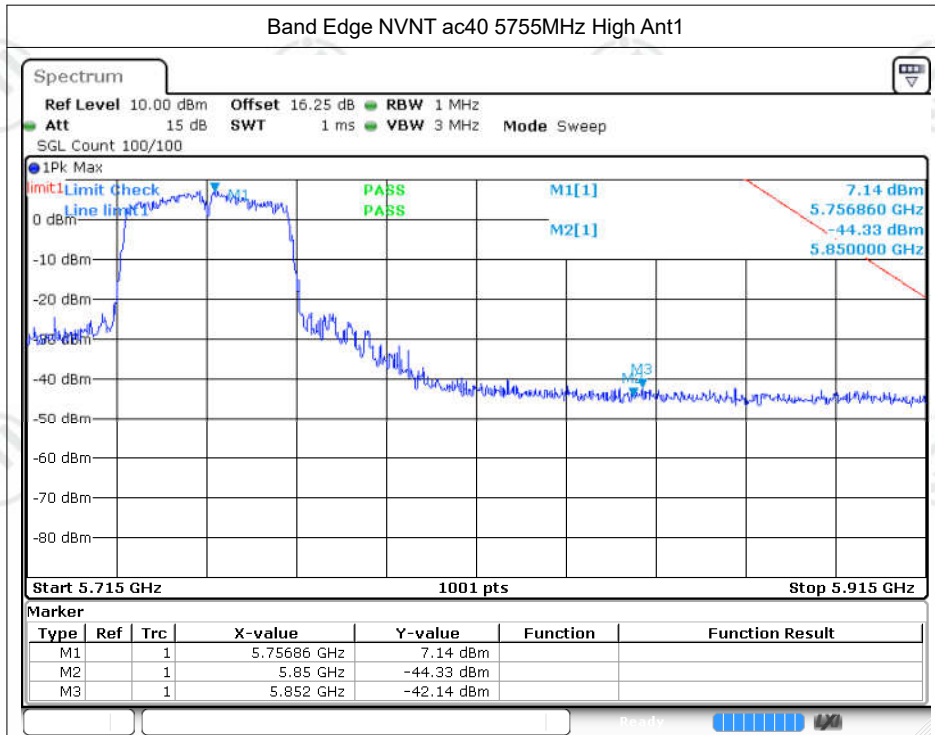
Date: 10.APR.2024 10:22:01

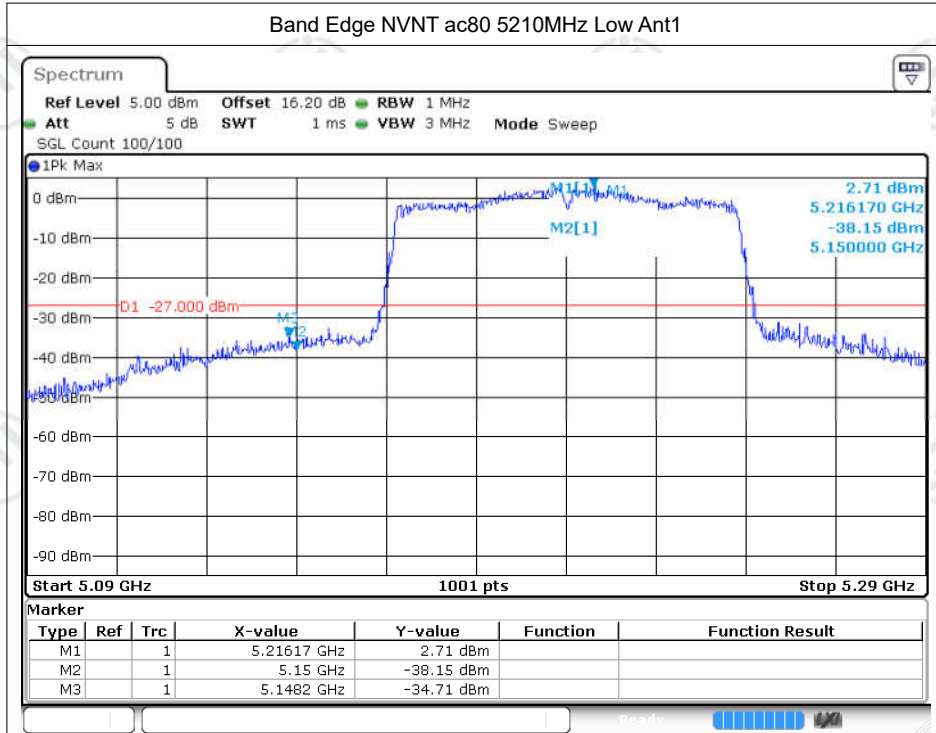


Date: 10.APR.2024 09:40:03

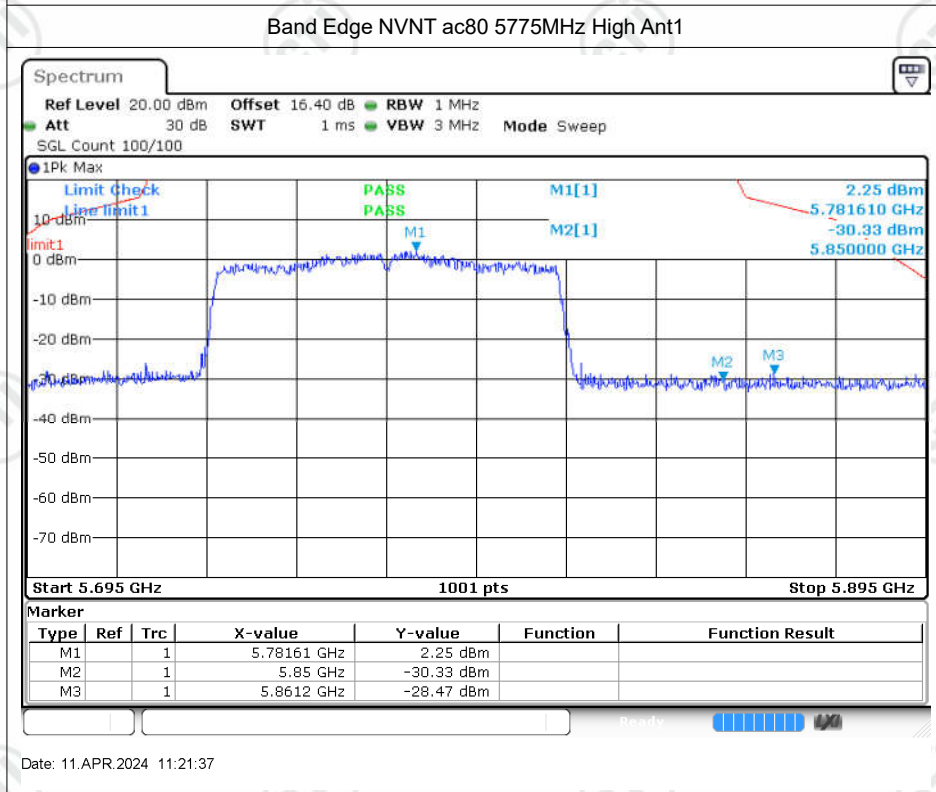


Date: 10.APR.2024 09:42:34

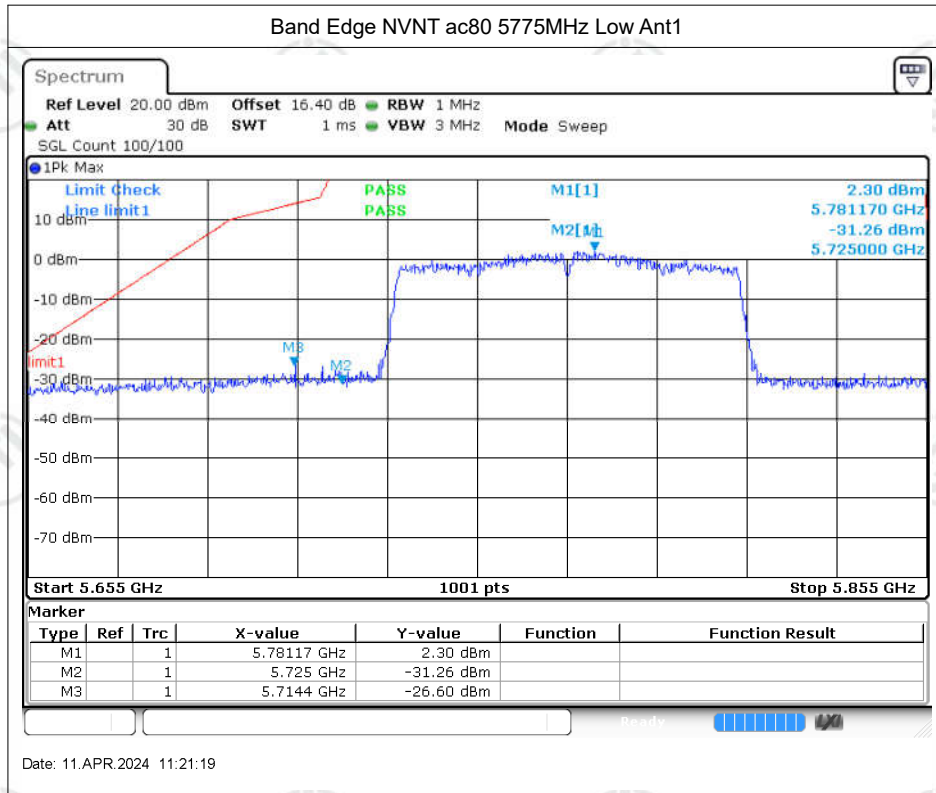




Date: 11.APR.2024 11:15:00



Date: 11.APR.2024 11:21:37



Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 102V	a	5180	Ant1	5180.02	20000	3.86	25	Pass
20C 120V	a	5180	Ant1	5180	0	0	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	5180	0	0	25	Pass
0C 120V	a	5180	Ant1	5180	0	0	25	Pass
10C 120V	a	5180	Ant1	5180	0	0	25	Pass
30C 120V	a	5180	Ant1	5180.02	20000	3.86	25	Pass
40C 120V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
50C 120V	a	5180	Ant1	5180.02	20000	3.86	25	Pass
20C 102V	a	5240	Ant1	5240	0	0	25	Pass
20C 120V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 138V	a	5240	Ant1	5240.02	20000	3.82	25	Pass
-20C 120V	a	5240	Ant1	5240	0	0	25	Pass
-10C 120V	a	5240	Ant1	5240	0	0	25	Pass
0C 120V	a	5240	Ant1	5240	0	0	25	Pass
10C 120V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
30C 120V	a	5240	Ant1	5240	0	0	25	Pass
40C 120V	a	5240	Ant1	5240	0	0	25	Pass
50C 120V	a	5240	Ant1	5240	0	0	25	Pass
20C 102V	a	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 120V	a	5745	Ant1	5745	0	0	25	Pass
20C 138V	a	5745	Ant1	5744.98	-20000	-3.48	25	Pass
-20C 120V	a	5745	Ant1	5745	0	0	25	Pass
-10C 120V	a	5745	Ant1	5745	0	0	25	Pass
0C 120V	a	5745	Ant1	5745.02	20000	3.48	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	5744.98	-20000	-3.48	25	Pass
50C 120V	a	5745	Ant1	5744.98	-20000	-3.48	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	5824.98	-20000	-3.43	25	Pass
-10C 120V	a	5825	Ant1	5825	0	0	25	Pass
0C 120V	a	5825	Ant1	5825	0	0	25	Pass
10C 120V	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass

30C 120V	a	5825	Ant1	5825	0	0	25	Pass
40C 120V	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass
50C 120V	a	5825	Ant1	5825	0	0	25	Pass
20C 102V	n20	5180	Ant1	5180	0	0	25	Pass
20C 120V	n20	5180	Ant1	5180	0	0	25	Pass
20C 138V	n20	5180	Ant1	5180	0	0	25	Pass
-20C 120V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-10C 120V	n20	5180	Ant1	5180	0	0	25	Pass
0C 120V	n20	5180	Ant1	5180.02	20000	3.86	25	Pass
10C 120V	n20	5180	Ant1	5180	0	0	25	Pass
30C 120V	n20	5180	Ant1	5179.98	-20000	-3.86	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	5240.04	40000	7.63	25	Pass
20C 138V	n20	5240	Ant1	5240.02	20000	3.82	25	Pass
-20C 120V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
-10C 120V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
0C 120V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
10C 120V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
30C 120V	n20	5240	Ant1	5240	0	0	25	Pass
40C 120V	n20	5240	Ant1	5240	0	0	25	Pass
50C 120V	n20	5240	Ant1	5240.02	20000	3.82	25	Pass
20C 102V	n20	5745	Ant1	5745	0	0	25	Pass
20C 120V	n20	5745	Ant1	5745	0	0	25	Pass
20C 138V	n20	5745	Ant1	5745	0	0	25	Pass
-20C 120V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
-10C 120V	n20	5745	Ant1	5744.96	-40000	-6.96	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	5745	0	0	25	Pass
40C 120V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
50C 120V	n20	5745	Ant1	5745	0	0	25	Pass
20C 102V	n20	5825	Ant1	5825	0	0	25	Pass
20C 120V	n20	5825	Ant1	5825	0	0	25	Pass
20C 138V	n20	5825	Ant1	5825	0	0	25	Pass
-20C 120V	n20	5825	Ant1	5825	0	0	25	Pass
-10C 120V	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
0C 120V	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
10C 120V	n20	5825	Ant1	5825	0	0	25	Pass
30C 120V	n20	5825	Ant1	5825.02	20000	3.43	25	Pass
40C 120V	n20	5825	Ant1	5825	0	0	25	Pass

50C 120V	n20	5825	Ant1	5825	0	0	25	Pass
20C 102V	n40	5190	Ant1	5190	0	0	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	5190	0	0	25	Pass
0C 120V	n40	5190	Ant1	5190	0	0	25	Pass
10C 120V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
30C 120V	n40	5190	Ant1	5190	0	0	25	Pass
40C 120V	n40	5190	Ant1	5190	0	0	25	Pass
50C 120V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 102V	n40	5230	Ant1	5230	0	0	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	5230	0	0	25	Pass
-10C 120V	n40	5230	Ant1	5230	0	0	25	Pass
0C 120V	n40	5230	Ant1	5230	0	0	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	5230	0	0	25	Pass
20C 102V	n40	5755	Ant1	5755	0	0	25	Pass
20C 120V	n40	5755	Ant1	5755	0	0	25	Pass
20C 138V	n40	5755	Ant1	5755	0	0	25	Pass
-20C 120V	n40	5755	Ant1	5755	0	0	25	Pass
-10C 120V	n40	5755	Ant1	5755	0	0	25	Pass
0C 120V	n40	5755	Ant1	5755	0	0	25	Pass
10C 120V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
30C 120V	n40	5755	Ant1	5755	0	0	25	Pass
40C 120V	n40	5755	Ant1	5755	0	0	25	Pass
50C 120V	n40	5755	Ant1	5755	0	0	25	Pass
20C 102V	n40	5795	Ant1	5795	0	0	25	Pass
20C 120V	n40	5795	Ant1	5795	0	0	25	Pass
20C 138V	n40	5795	Ant1	5795	0	0	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	5795	0	0	25	Pass
40C 120V	n40	5795	Ant1	5795	0	0	25	Pass
50C 120V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 102V	ac20	5180	Ant1	5180	0	0	25	Pass

20C 120V	ac20	5180	Ant1	5180	0	0	25	Pass
20C 138V	ac20	5180	Ant1	5180	0	0	25	Pass
-20C 120V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-10C 120V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
0C 120V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
10C 120V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
30C 120V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
40C 120V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
50C 120V	ac20	5180	Ant1	5180	0	0	25	Pass
20C 102V	ac20	5240	Ant1	5240.02	20000	3.82	25	Pass
20C 120V	ac20	5240	Ant1	5240	0	0	25	Pass
20C 138V	ac20	5240	Ant1	5240	0	0	25	Pass
-20C 120V	ac20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
-10C 120V	ac20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
0C 120V	ac20	5240	Ant1	5240	0	0	25	Pass
10C 120V	ac20	5240	Ant1	5240	0	0	25	Pass
30C 120V	ac20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
40C 120V	ac20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
50C 120V	ac20	5240	Ant1	5240	0	0	25	Pass
20C 102V	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 120V	ac20	5745	Ant1	5745	0	0	25	Pass
20C 138V	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
-20C 120V	ac20	5745	Ant1	5745	0	0	25	Pass
-10C 120V	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
0C 120V	ac20	5745	Ant1	5745	0	0	25	Pass
10C 120V	ac20	5745	Ant1	5745	0	0	25	Pass
30C 120V	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
40C 120V	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
50C 120V	ac20	5745	Ant1	5745	0	0	25	Pass
20C 102V	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 120V	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 138V	ac20	5825	Ant1	5825	0	0	25	Pass
-20C 120V	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
-10C 120V	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
0C 120V	ac20	5825	Ant1	5825.02	20000	3.43	25	Pass
10C 120V	ac20	5825	Ant1	5825	0	0	25	Pass
30C 120V	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
40C 120V	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
50C 120V	ac20	5825	Ant1	5825	0	0	25	Pass
20C 102V	ac40	5190	Ant1	5190	0	0	25	Pass
20C 120V	ac40	5190	Ant1	5190	0	0	25	Pass
20C 138V	ac40	5190	Ant1	5190	0	0	25	Pass

-20C 120V	ac40	5190	Ant1	5190	0	0	25	Pass
-10C 120V	ac40	5190	Ant1	5190	0	0	25	Pass
0C 120V	ac40	5190	Ant1	5190	0	0	25	Pass
10C 120V	ac40	5190	Ant1	5190	0	0	25	Pass
30C 120V	ac40	5190	Ant1	5190	0	0	25	Pass
40C 120V	ac40	5190	Ant1	5190	0	0	25	Pass
50C 120V	ac40	5190	Ant1	5190	0	0	25	Pass
20C 102V	ac40	5230	Ant1	5230	0	0	25	Pass
20C 120V	ac40	5230	Ant1	5230	0	0	25	Pass
20C 138V	ac40	5230	Ant1	5230	0	0	25	Pass
-20C 120V	ac40	5230	Ant1	5230	0	0	25	Pass
-10C 120V	ac40	5230	Ant1	5230	0	0	25	Pass
0C 120V	ac40	5230	Ant1	5230	0	0	25	Pass
10C 120V	ac40	5230	Ant1	5230	0	0	25	Pass
30C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
40C 120V	ac40	5230	Ant1	5230	0	0	25	Pass
50C 120V	ac40	5230	Ant1	5230	0	0	25	Pass
20C 102V	ac40	5755	Ant1	5755	0	0	25	Pass
20C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 138V	ac40	5755	Ant1	5755	0	0	25	Pass
-20C 120V	ac40	5755	Ant1	5755	0	0	25	Pass
-10C 120V	ac40	5755	Ant1	5755	0	0	25	Pass
0C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
10C 120V	ac40	5755	Ant1	5755	0	0	25	Pass
30C 120V	ac40	5755	Ant1	5755	0	0	25	Pass
40C 120V	ac40	5755	Ant1	5755	0	0	25	Pass
50C 120V	ac40	5755	Ant1	5755	0	0	25	Pass
20C 102V	ac40	5795	Ant1	5795	0	0	25	Pass
20C 120V	ac40	5795	Ant1	5795	0	0	25	Pass
20C 138V	ac40	5795	Ant1	5795	0	0	25	Pass
-20C 120V	ac40	5795	Ant1	5795	0	0	25	Pass
-10C 120V	ac40	5795	Ant1	5795	0	0	25	Pass
0C 120V	ac40	5795	Ant1	5795	0	0	25	Pass
10C 120V	ac40	5795	Ant1	5795	0	0	25	Pass
30C 120V	ac40	5795	Ant1	5795	0	0	25	Pass
40C 120V	ac40	5795	Ant1	5795	0	0	25	Pass
50C 120V	ac40	5795	Ant1	5795	0	0	25	Pass
20C 102V	ac80	5210	Ant1	5210	0	0	25	Pass
20C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
20C 138V	ac80	5210	Ant1	5210	0	0	25	Pass
-20C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
-10C 120V	ac80	5210	Ant1	5210	0	0	25	Pass

0C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
10C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
30C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
40C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
50C 120V	ac80	5210	Ant1	5210	0	0	25	Pass
20C 102V	ac80	5775	Ant1	5775	0	0	25	Pass
20C 120V	ac80	5775	Ant1	5775	0	0	25	Pass
20C 138V	ac80	5775	Ant1	5775	0	0	25	Pass
-20C 120V	ac80	5775	Ant1	5775	0	0	25	Pass
-10C 120V	ac80	5775	Ant1	5775	0	0	25	Pass
0C 120V	ac80	5775	Ant1	5775	0	0	25	Pass
10C 120V	ac80	5775	Ant1	5775	0	0	25	Pass
30C 120V	ac80	5775	Ant1	5775	0	0	25	Pass
40C 120V	ac80	5775	Ant1	5775	0	0	25	Pass
50C 120V	ac80	5775	Ant1	5775	0	0	25	Pass