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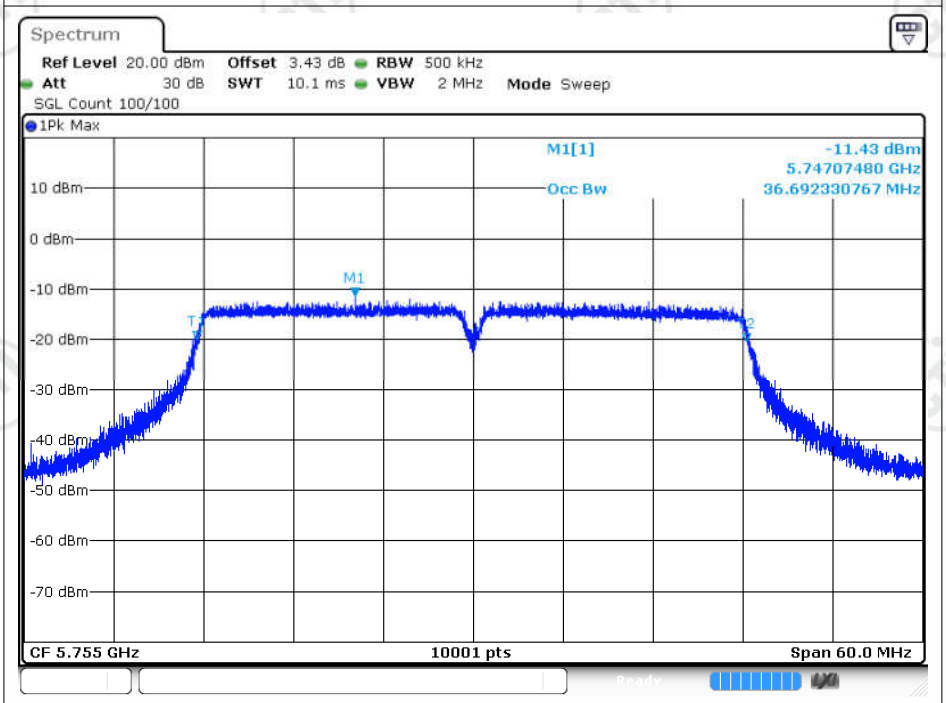
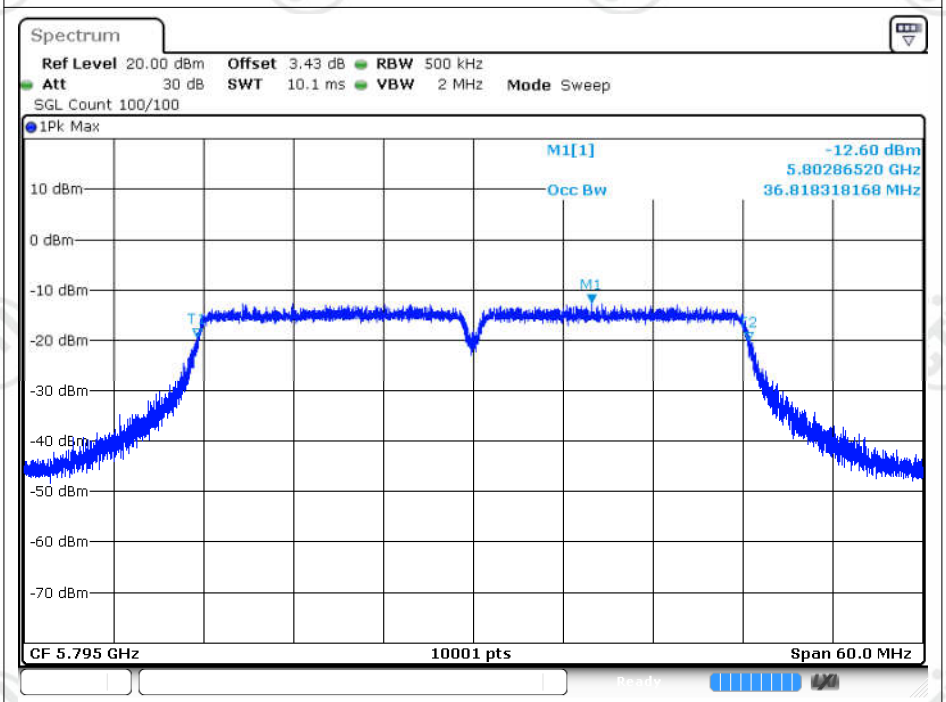


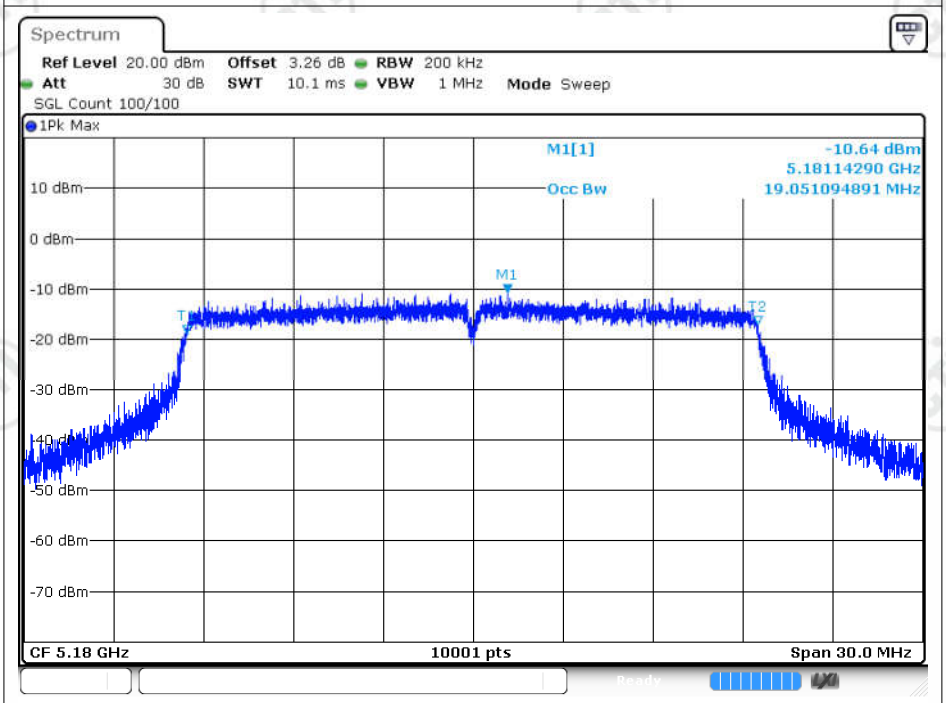
Date: 8.DEC.2024 14:10:11

OBW NVNT ac40 5795MHz Ant1



Date: 8.DEC.2024 14:12:10

OBW NVNT ax20 5180MHz Ant1



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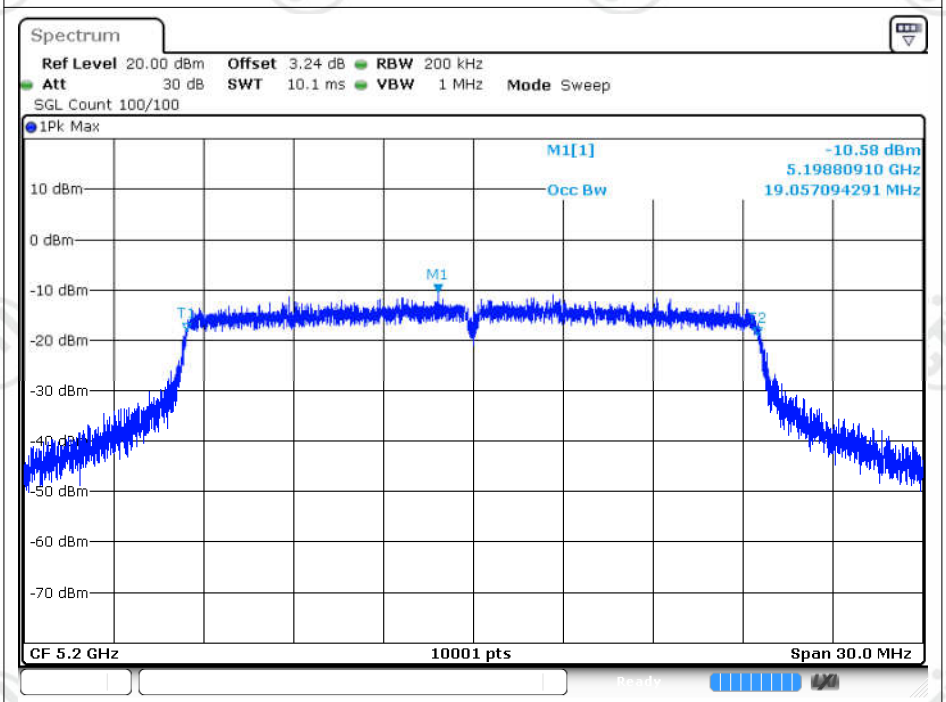
OBW NVNT ax20 5200MHz Ant1



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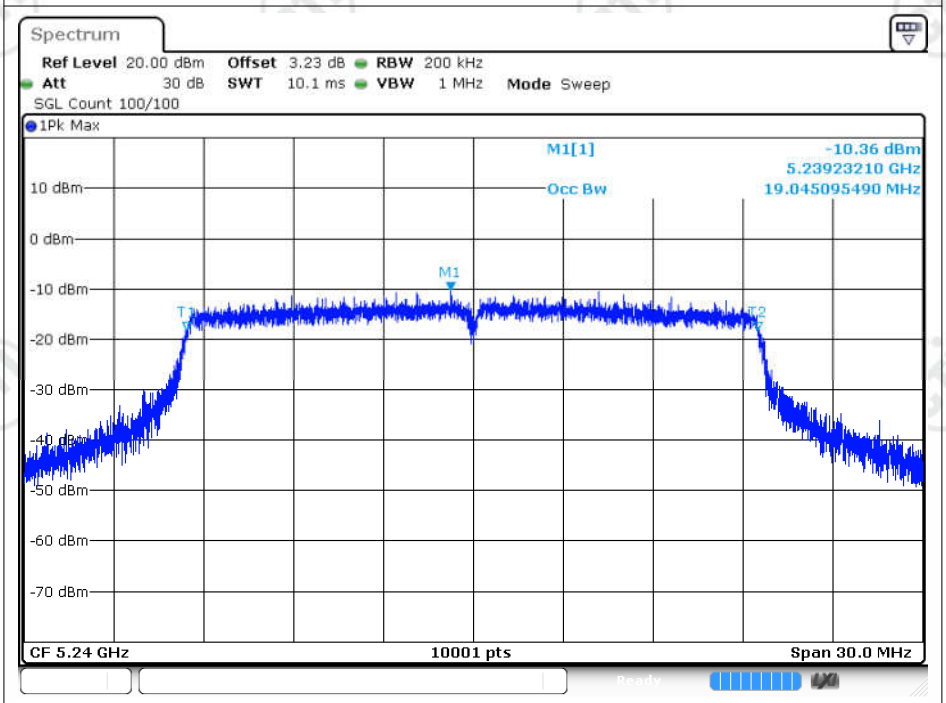
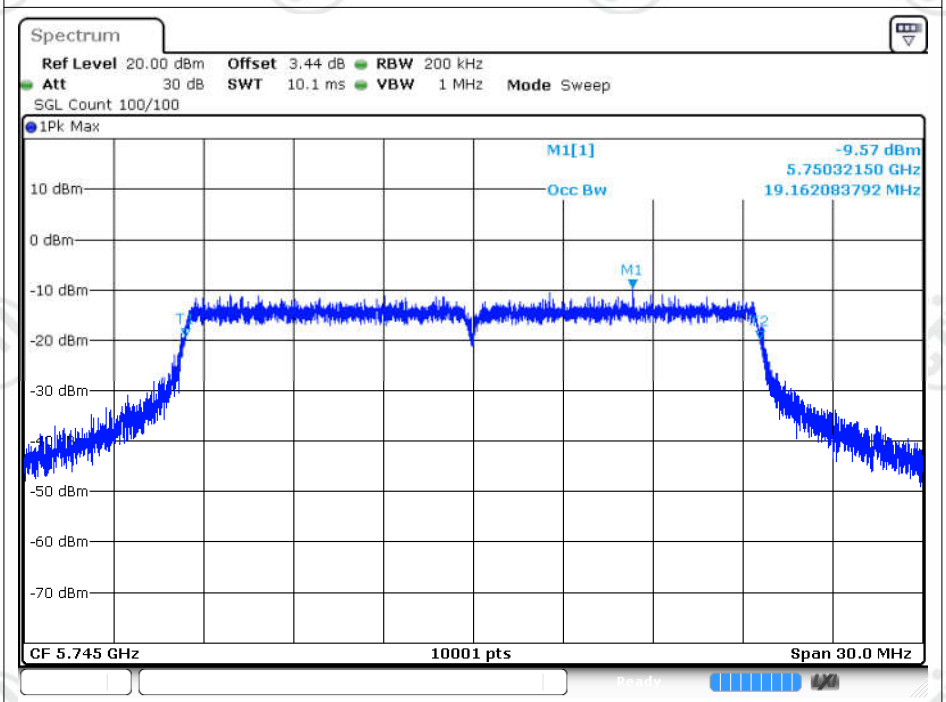
OBW NVNT ax20 5240MHz Ant1



Date: 8.DEC.2024 14:18:04

OBW NVNT ax20 5745MHz Ant1



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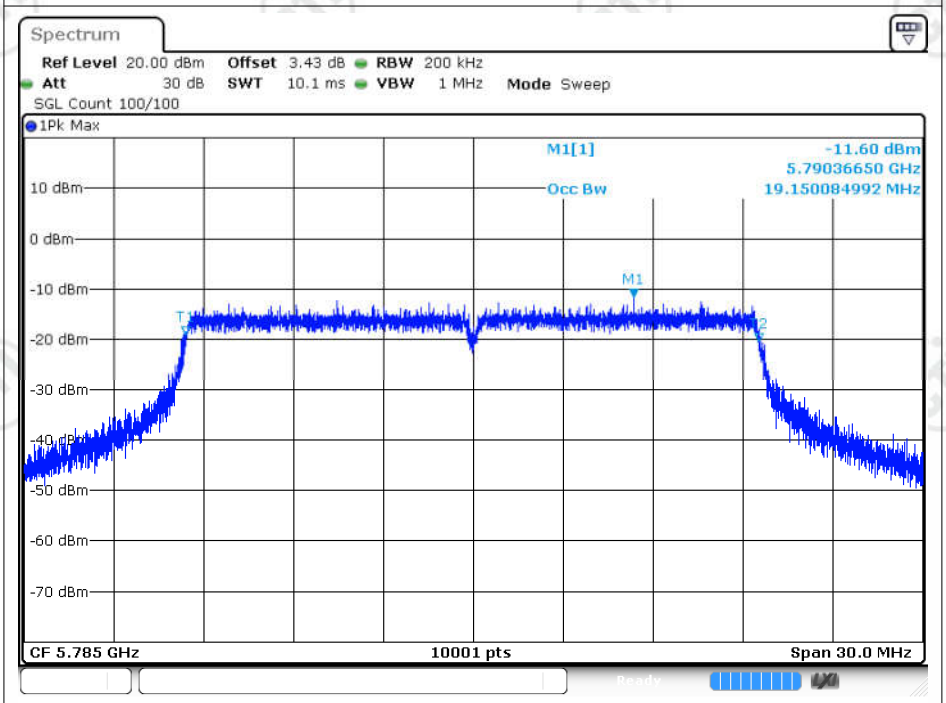
OBW NVNT ax20 5785MHz Ant1



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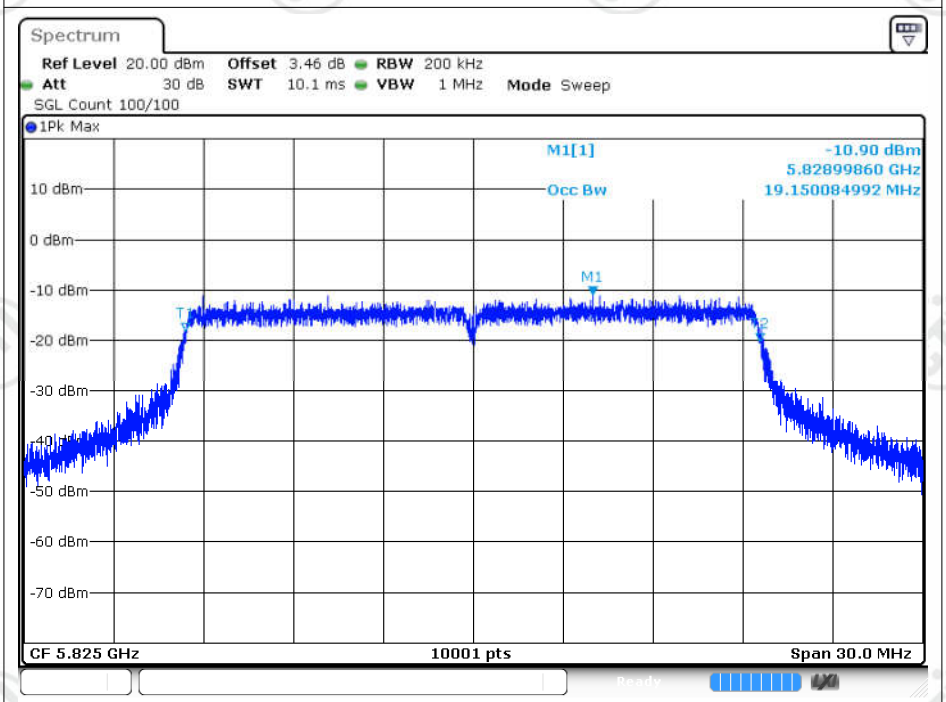
OBW NVNT ax20 5825MHz Ant1



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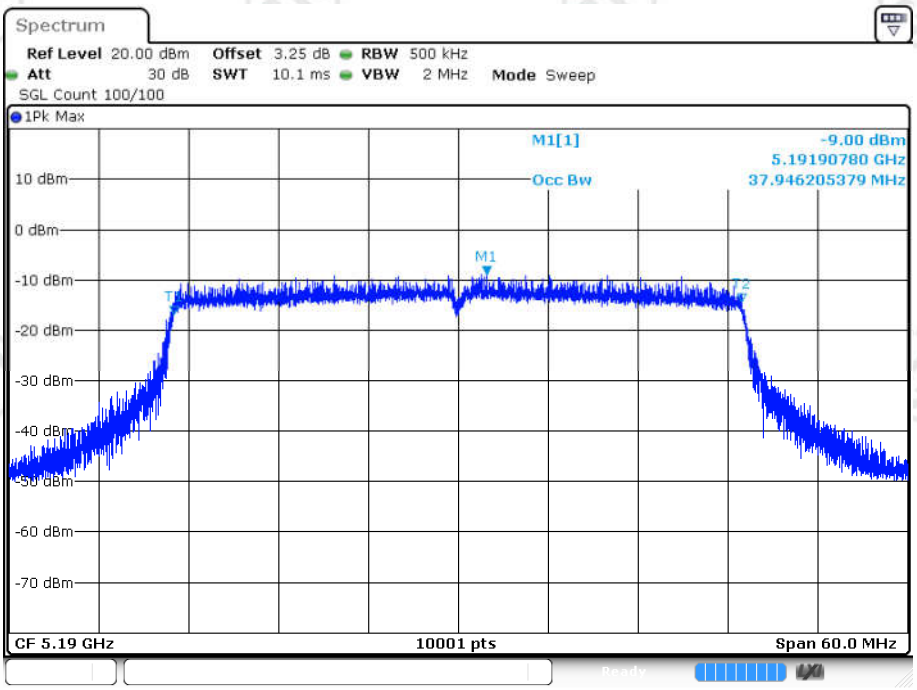

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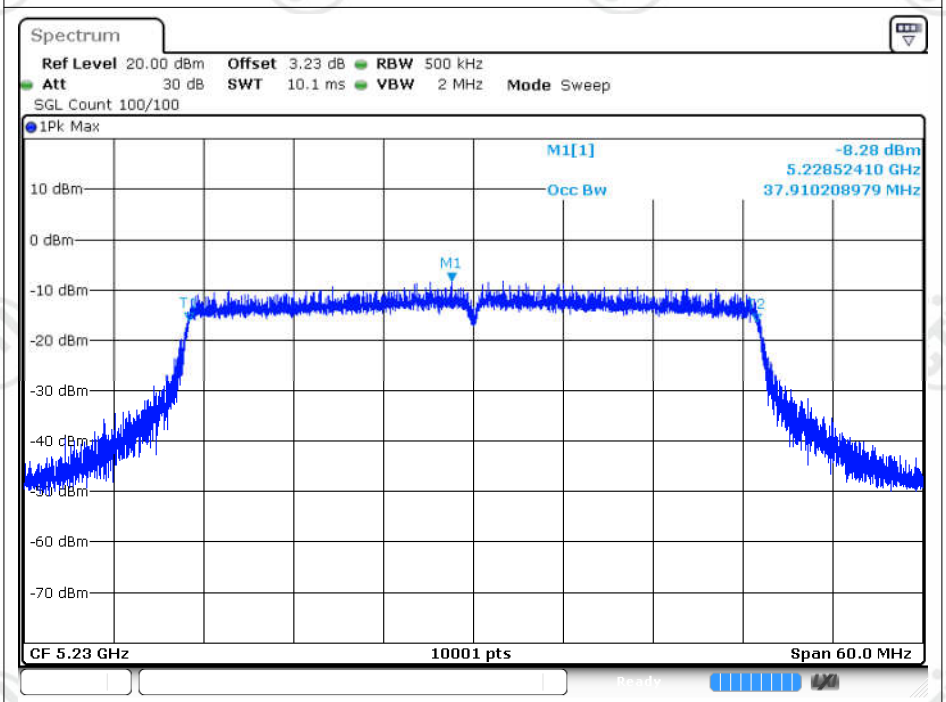

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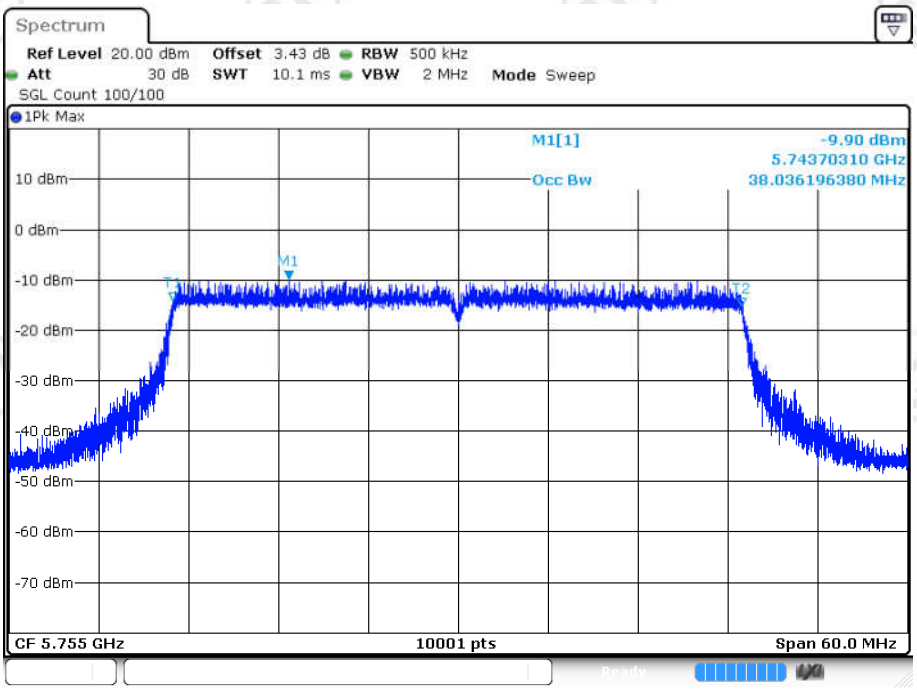

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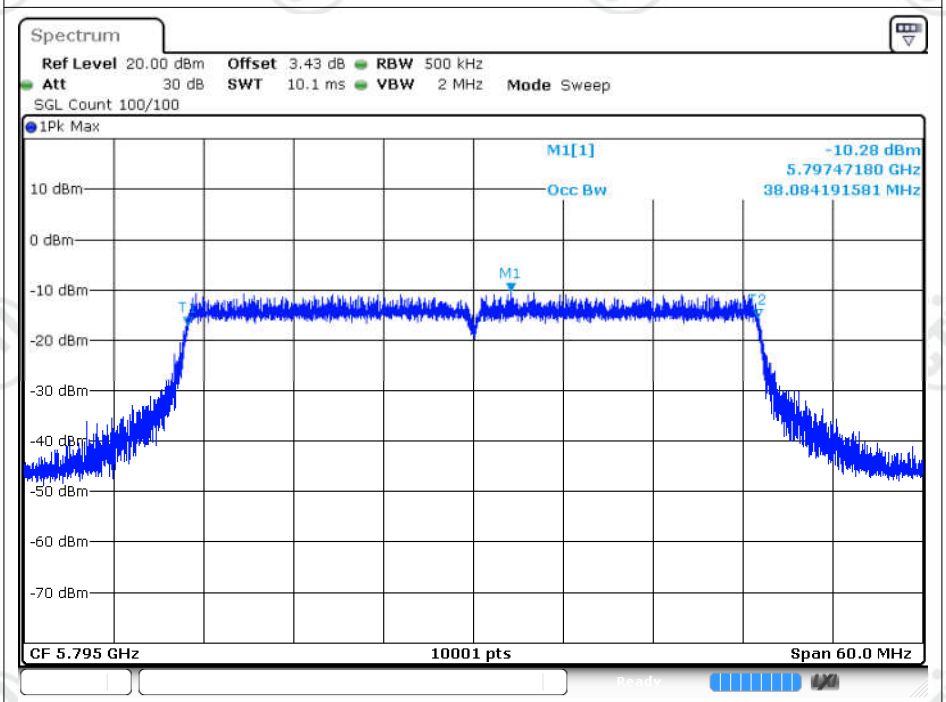
OBW NVNT ax40 5795MHz Ant1



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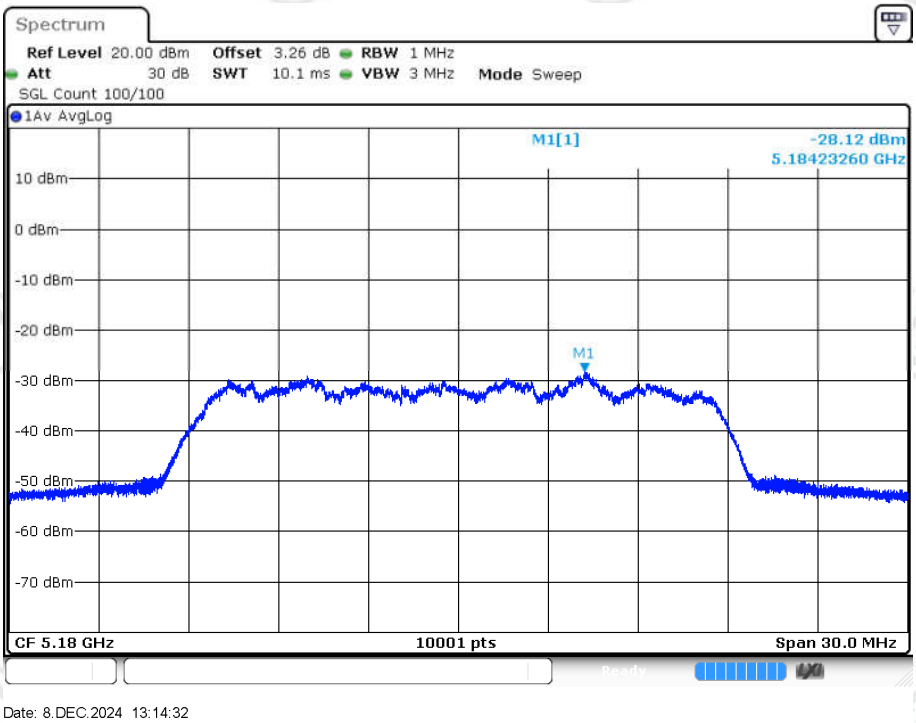
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-28.12	2.38	-25.74	11	Pass
NVNT	a	5200	Ant1	-28.92	2.38	-26.54	11	Pass
NVNT	a	5240	Ant1	-29.52	2.38	-27.14	11	Pass
NVNT	a	5745	Ant1	-32.07	2.38	-29.69	30	Pass
NVNT	a	5785	Ant1	-32.72	2.38	-30.34	30	Pass
NVNT	a	5825	Ant1	-31.16	2.38	-28.78	30	Pass
NVNT	n20	5180	Ant1	-16.74	0.79	-15.95	11	Pass
NVNT	n20	5200	Ant1	-17.77	0.79	-16.98	11	Pass
NVNT	n20	5240	Ant1	-19.42	0.79	-18.63	11	Pass
NVNT	n20	5745	Ant1	-21.5	0.8	-20.7	30	Pass
NVNT	n20	5785	Ant1	-23.07	0.8	-22.27	30	Pass
NVNT	n20	5825	Ant1	-21.93	0.79	-21.14	30	Pass
NVNT	n40	5190	Ant1	-26.33	1.5	-24.83	11	Pass
NVNT	n40	5230	Ant1	-25.24	1.5	-23.74	11	Pass
NVNT	n40	5755	Ant1	-29.65	1.5	-28.15	30	Pass
NVNT	n40	5795	Ant1	-30	1.5	-28.5	30	Pass
NVNT	ac20	5180	Ant1	-19.44	0.79	-18.65	11	Pass
NVNT	ac20	5200	Ant1	-18.79	0.79	-18	11	Pass
NVNT	ac20	5240	Ant1	-18.15	0.79	-17.36	11	Pass
NVNT	ac20	5745	Ant1	-21.21	0.79	-20.42	30	Pass
NVNT	ac20	5785	Ant1	-23.22	0.79	-22.43	30	Pass
NVNT	ac20	5825	Ant1	-21.67	0.79	-20.88	30	Pass
NVNT	ac40	5190	Ant1	-25.97	1.5	-24.47	11	Pass
NVNT	ac40	5230	Ant1	-25.43	1.5	-23.93	11	Pass
NVNT	ac40	5755	Ant1	-28.92	1.5	-27.42	30	Pass
NVNT	ac40	5795	Ant1	-28.69	1.5	-27.19	30	Pass
NVNT	ax20	5180	Ant1	-19.86	1.01	-18.85	11	Pass
NVNT	ax20	5200	Ant1	-22.01	1.01	-21	11	Pass
NVNT	ax20	5240	Ant1	-21.63	1.01	-20.62	11	Pass
NVNT	ax20	5745	Ant1	-23.45	1.01	-22.44	30	Pass
NVNT	ax20	5785	Ant1	-25.04	1.01	-24.03	30	Pass
NVNT	ax20	5825	Ant1	-23.89	1.02	-22.87	30	Pass
NVNT	ax40	5190	Ant1	-28.12	1.81	-26.31	11	Pass
NVNT	ax40	5230	Ant1	-28.37	1.8	-26.57	11	Pass
NVNT	ax40	5755	Ant1	-31.04	1.81	-29.23	30	Pass
NVNT	ax40	5795	Ant1	-30.51	1.82	-28.69	30	Pass

Test Graphs

PSD NVNT a 5180MHz Ant1



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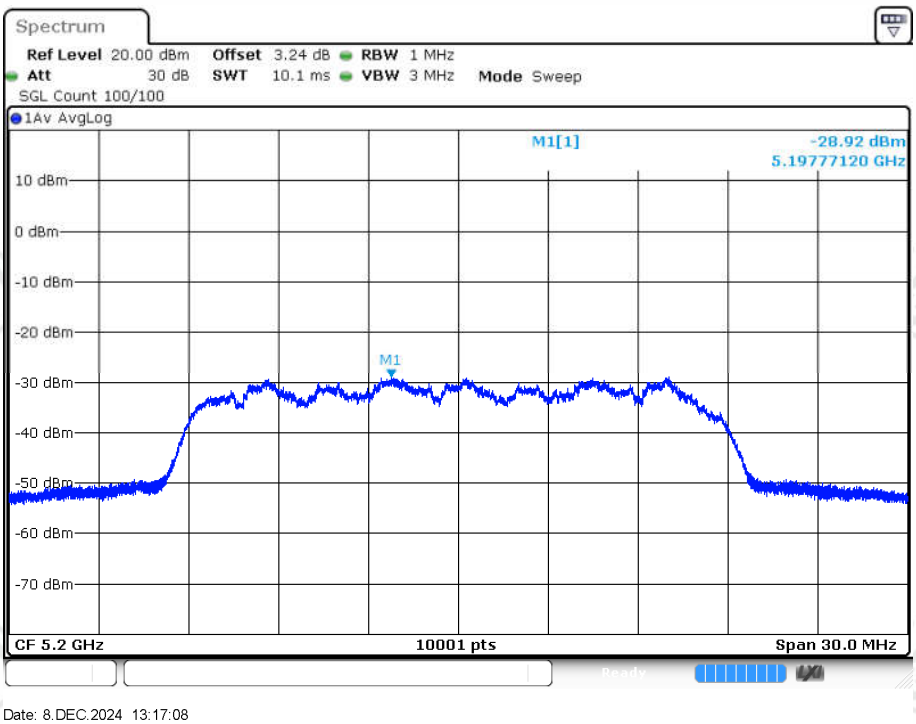
PSD NVNT a 5200MHz Ant1



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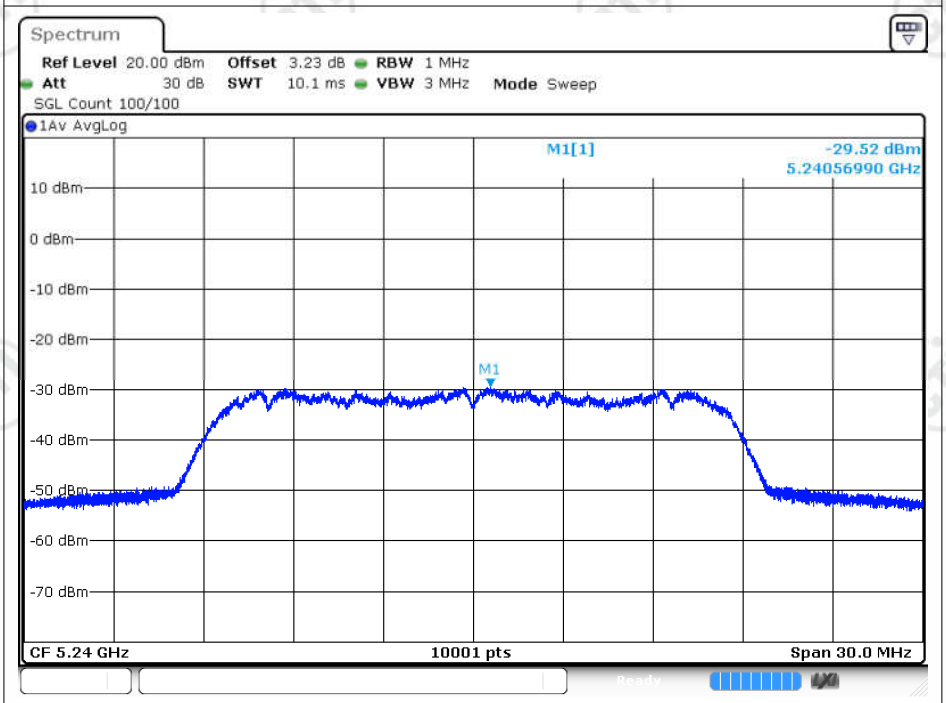
PSD NVNT a 5240MHz Ant1



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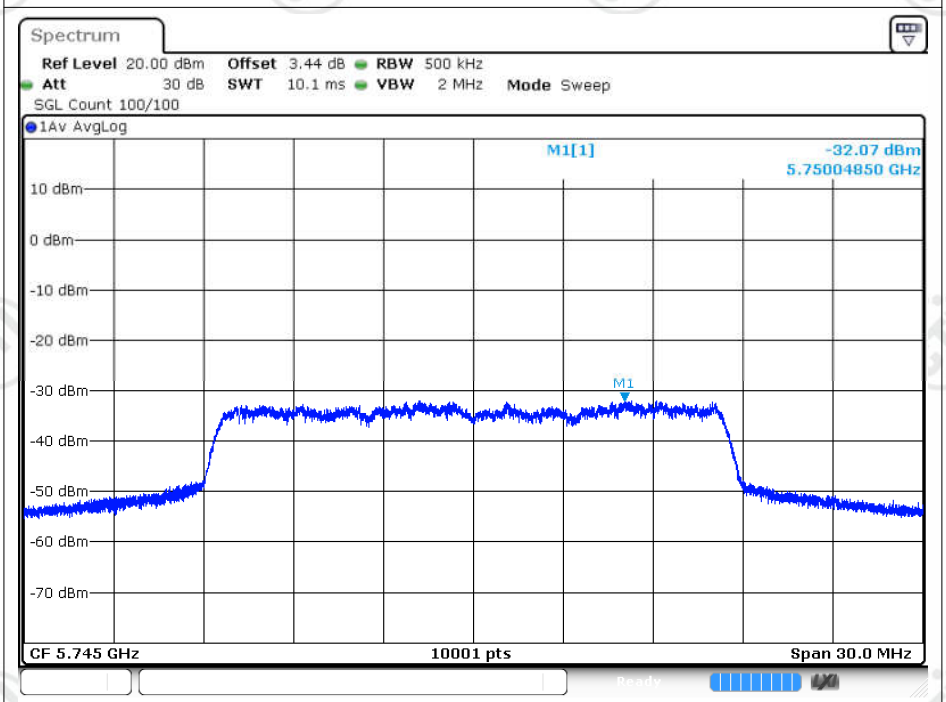
PSD NVNT a 5745MHz Ant1



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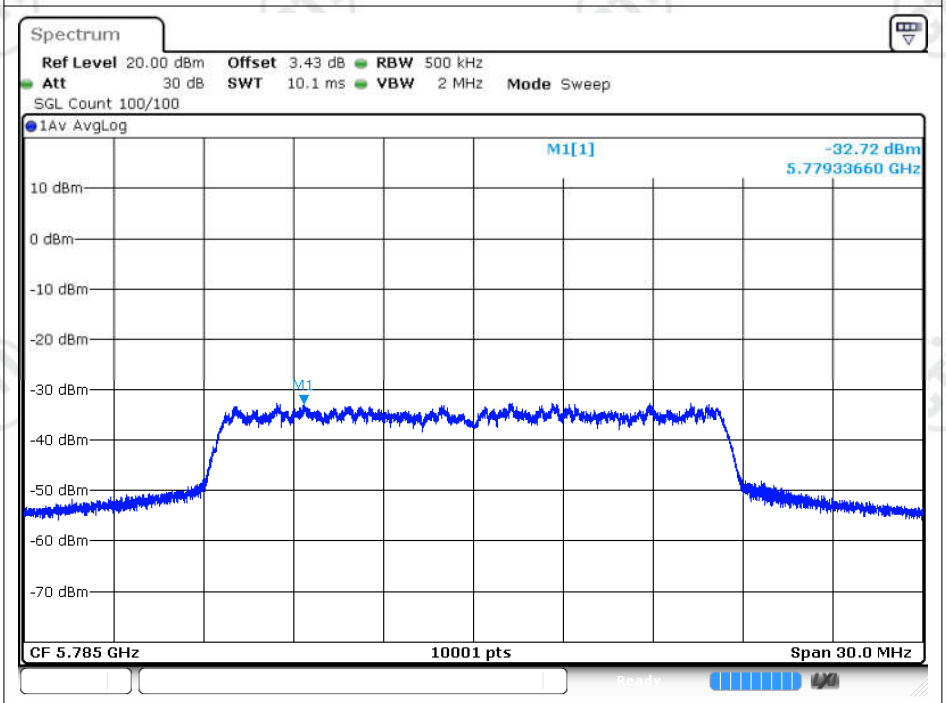
PSD NVNT a 5785MHz Ant1



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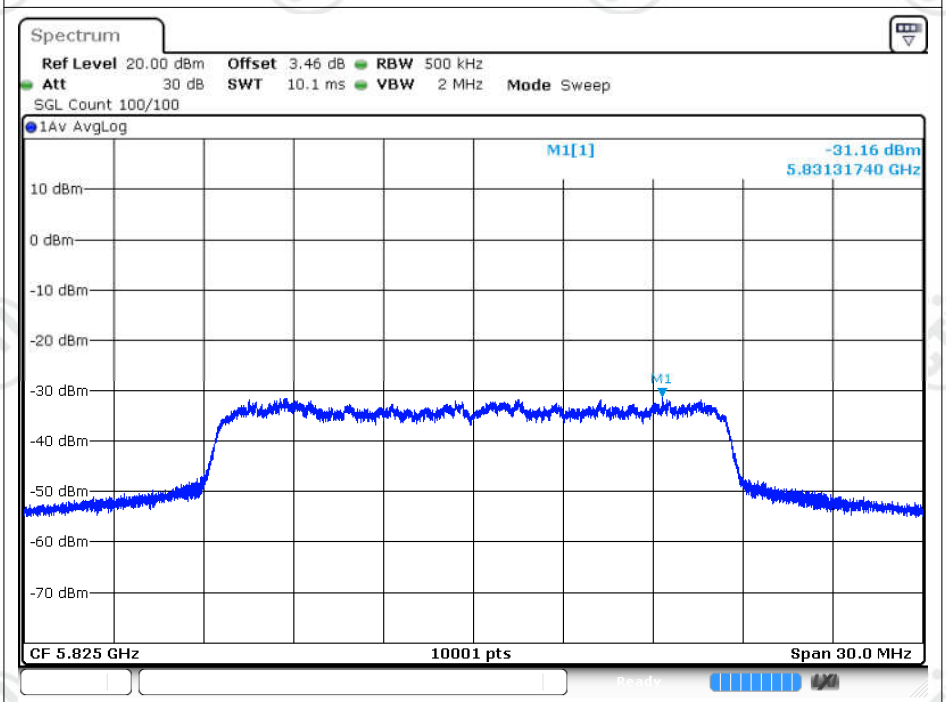
PSD NVNT a 5825MHz Ant1



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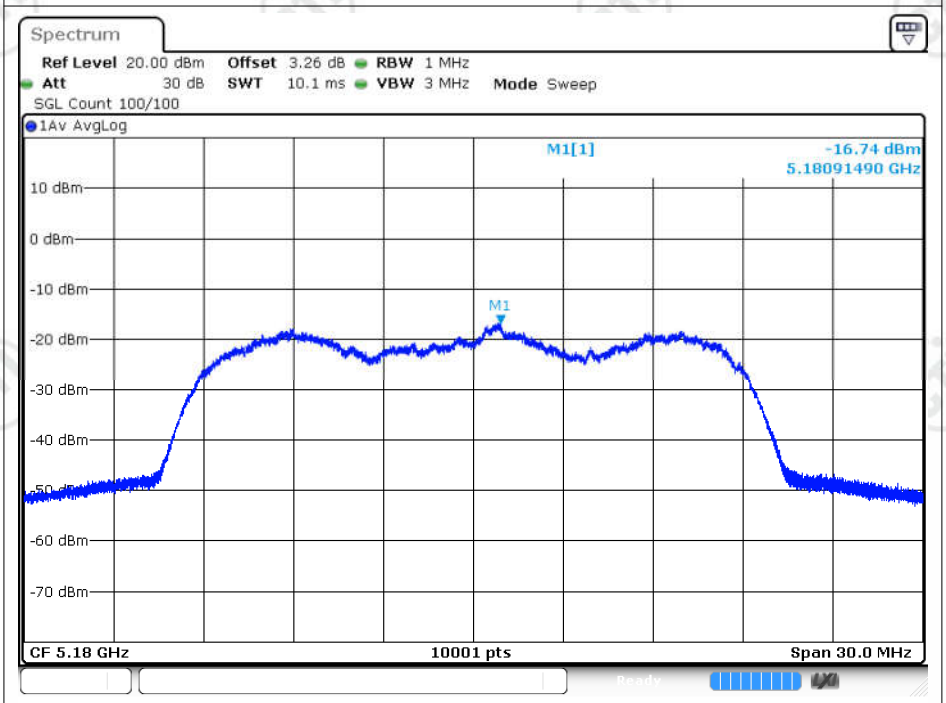
PSD NVNT n20 5180MHz Ant1



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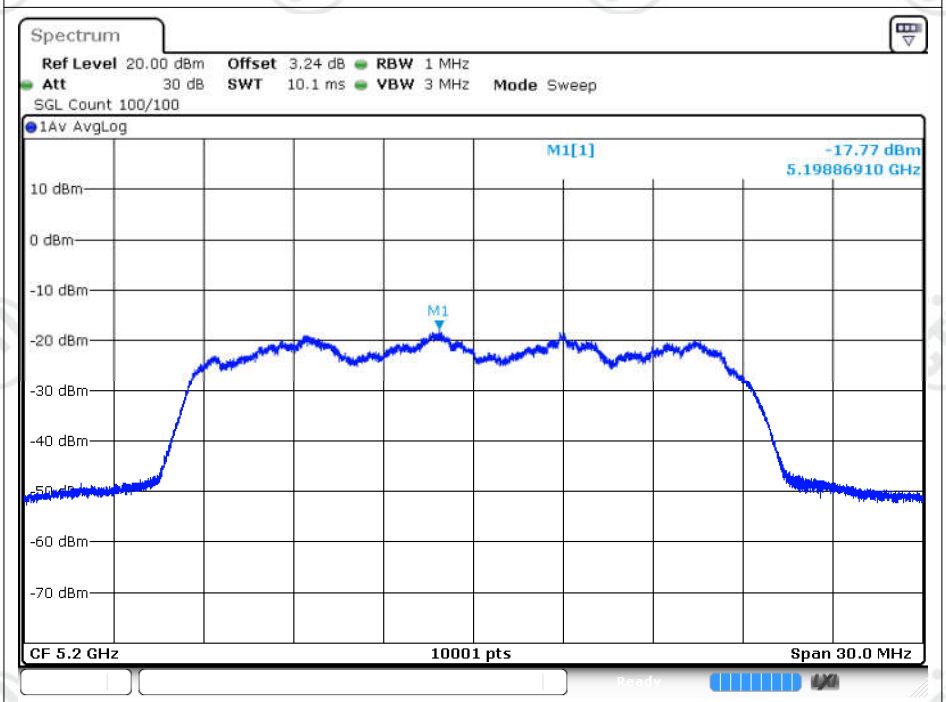

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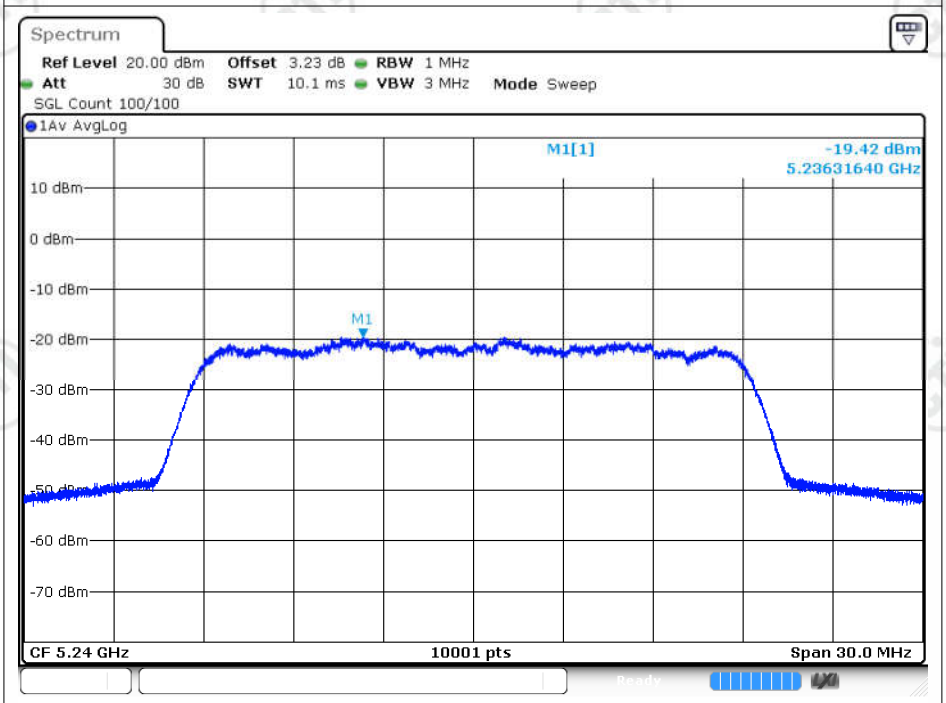

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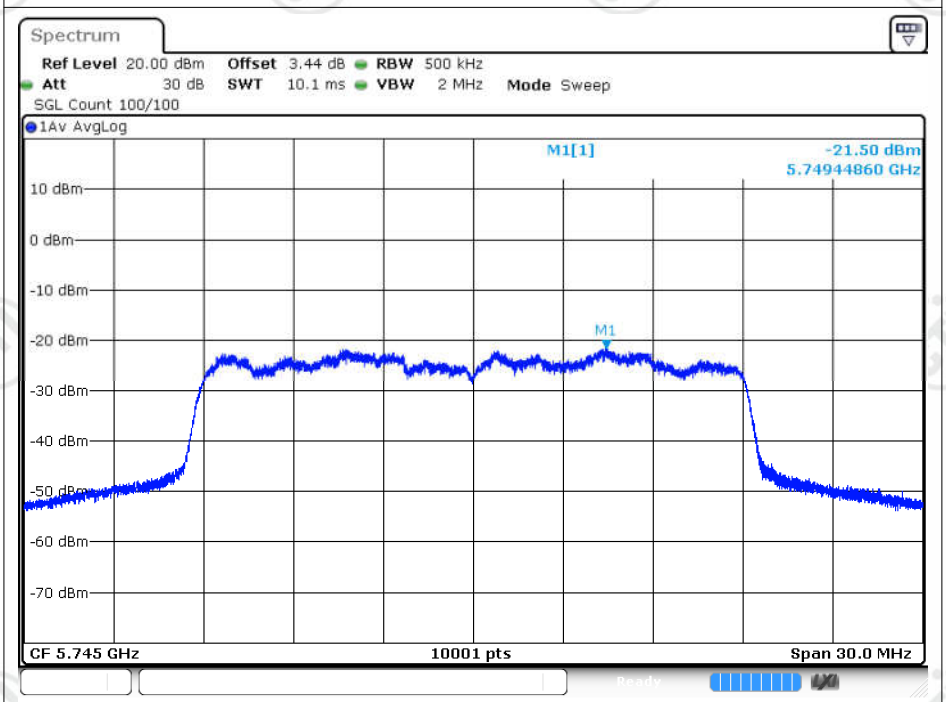
PSD NVNT n20 5745MHz Ant1



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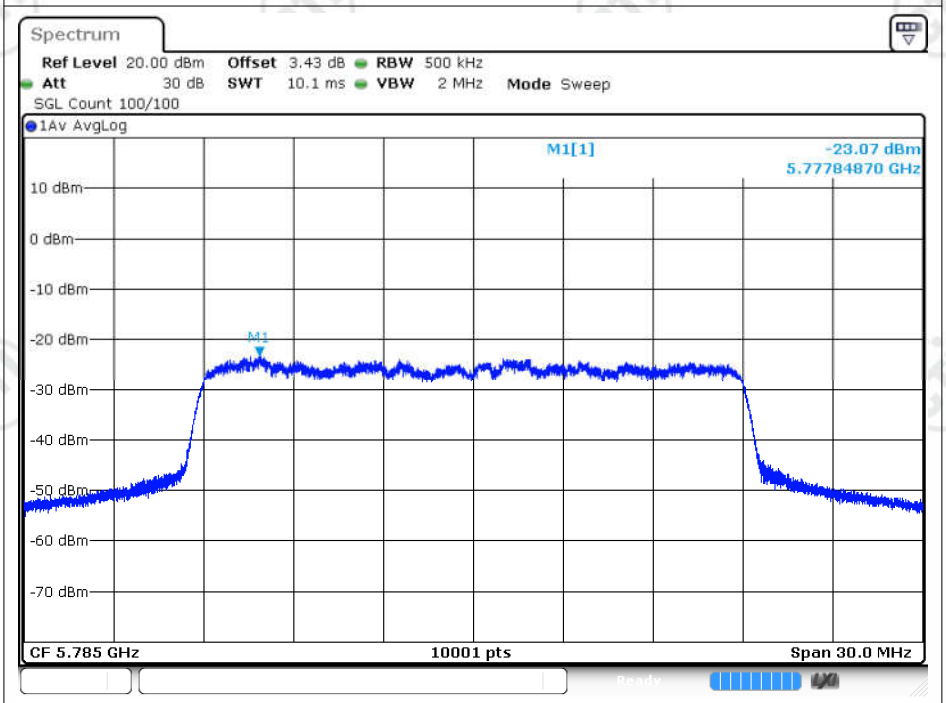
PSD NVNT n20 5785MHz Ant1



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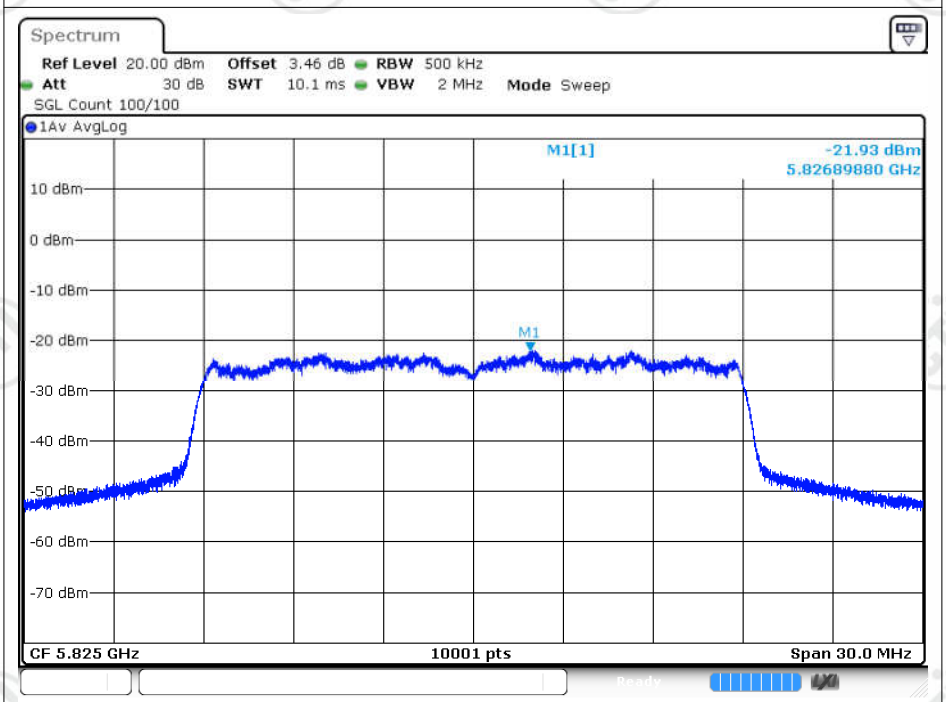

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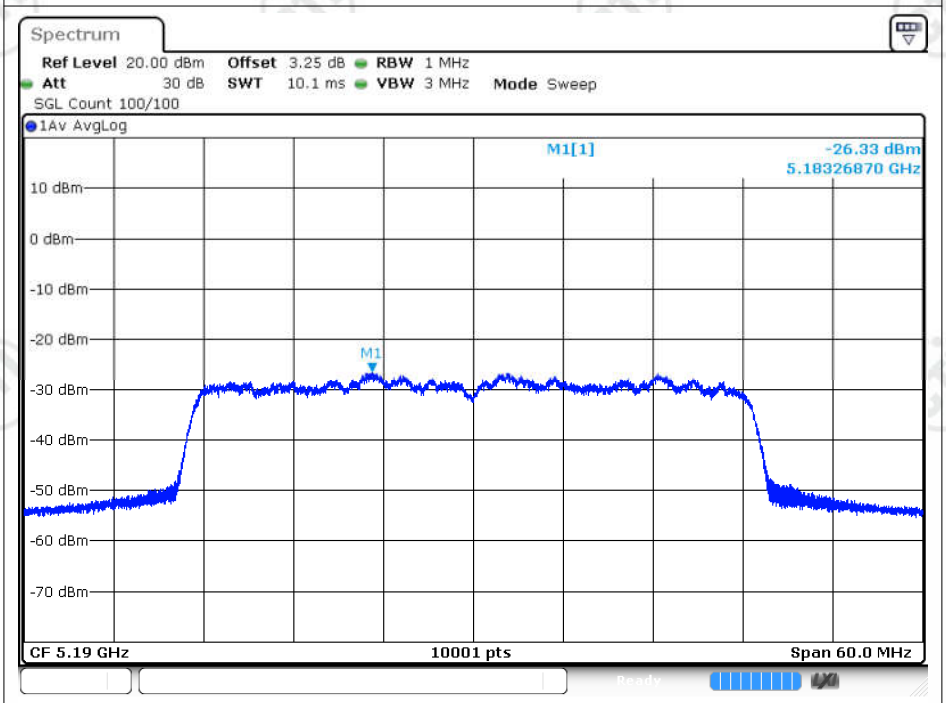

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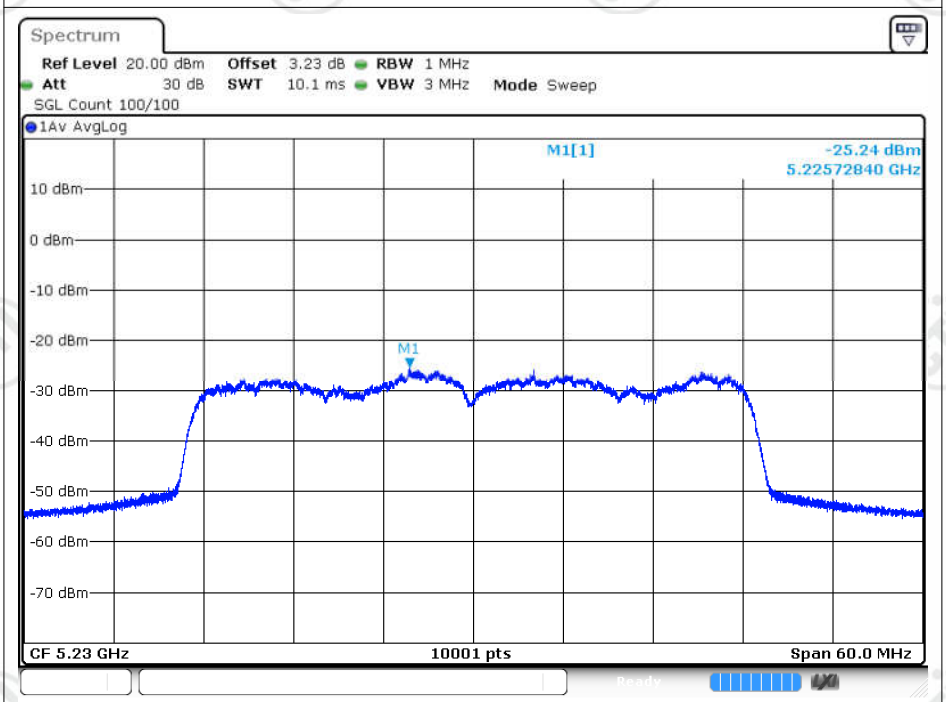

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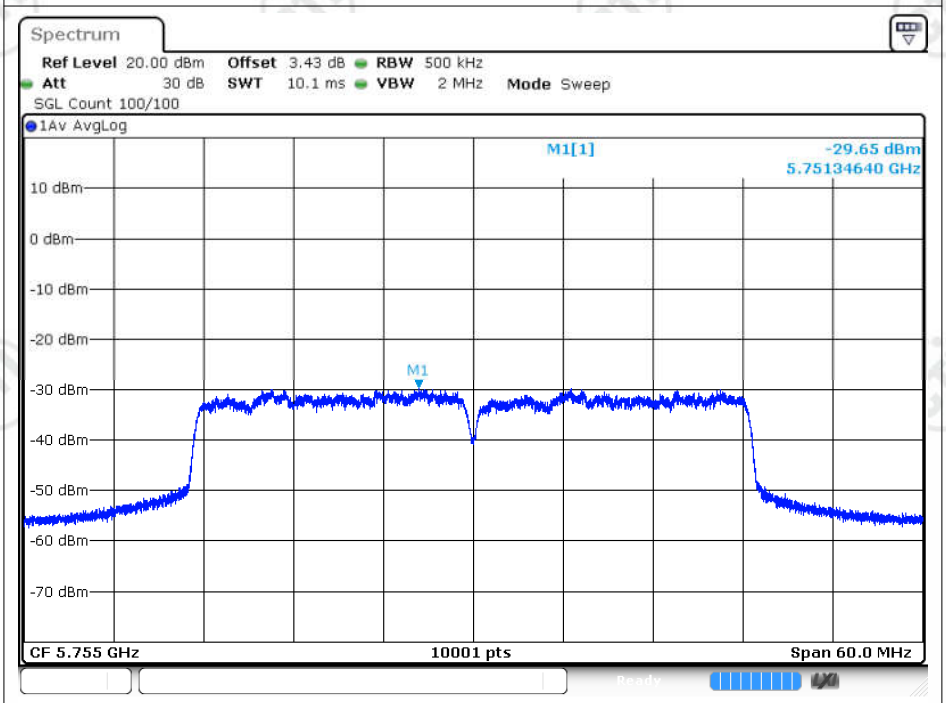
PSD NVNT n40 5755MHz Ant1



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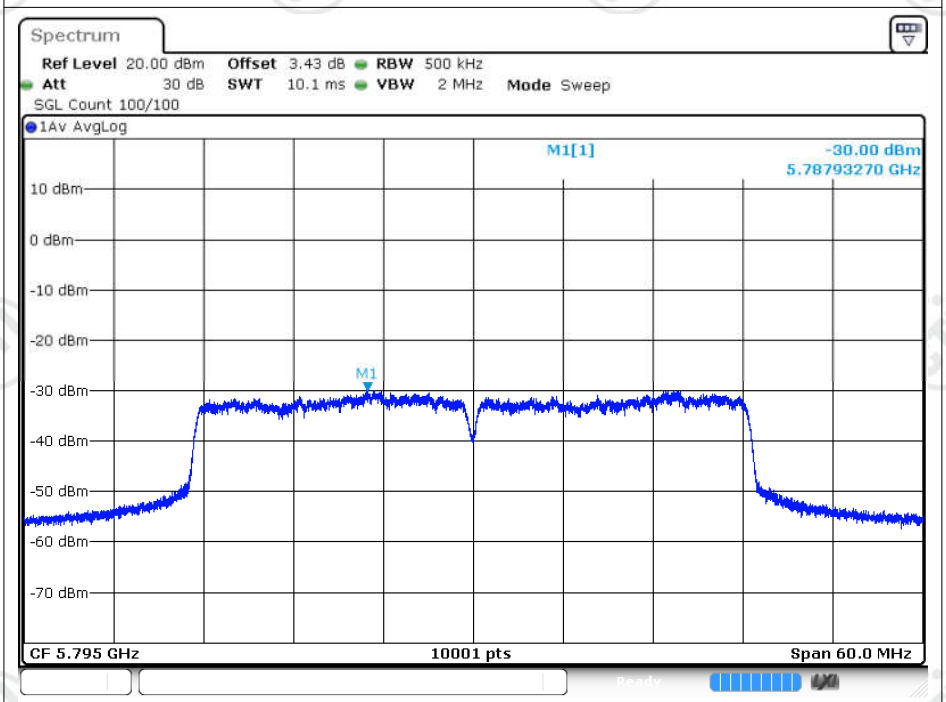

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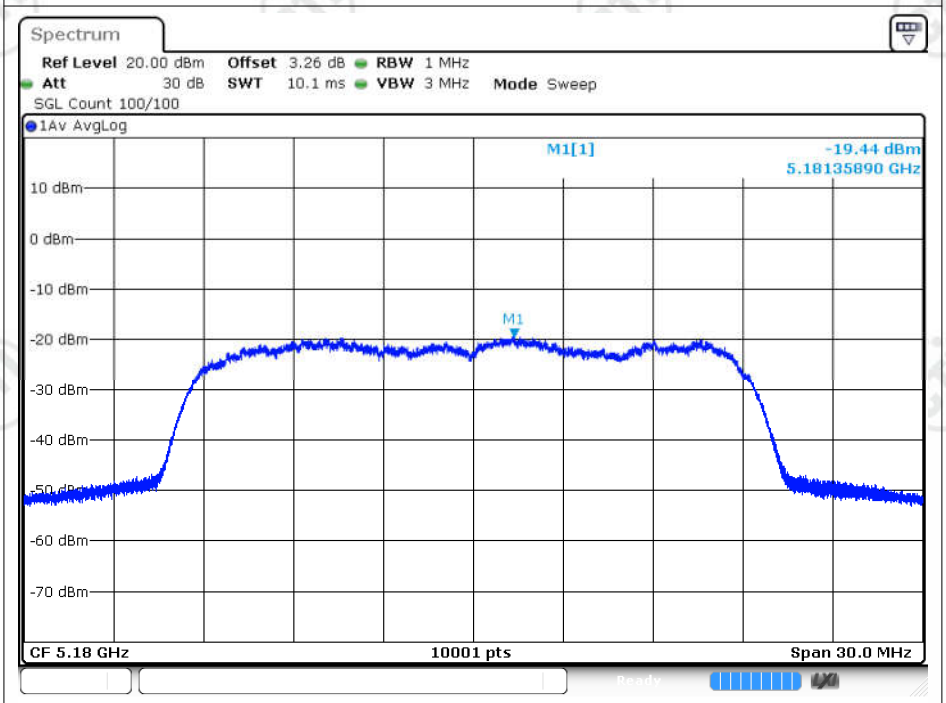

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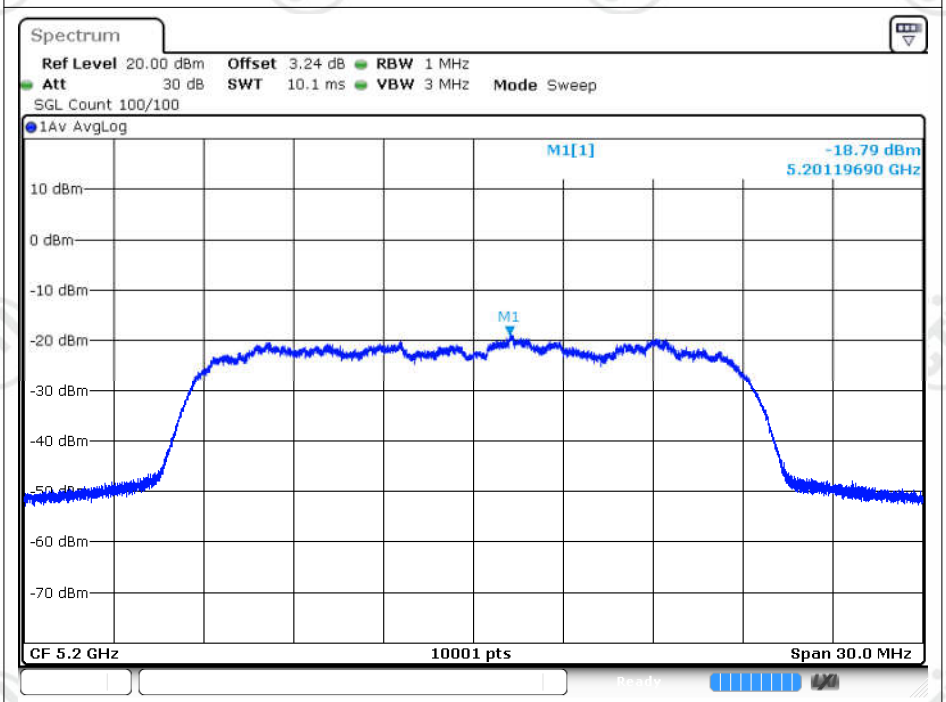
PSD NVNT ac20 5200MHz Ant1



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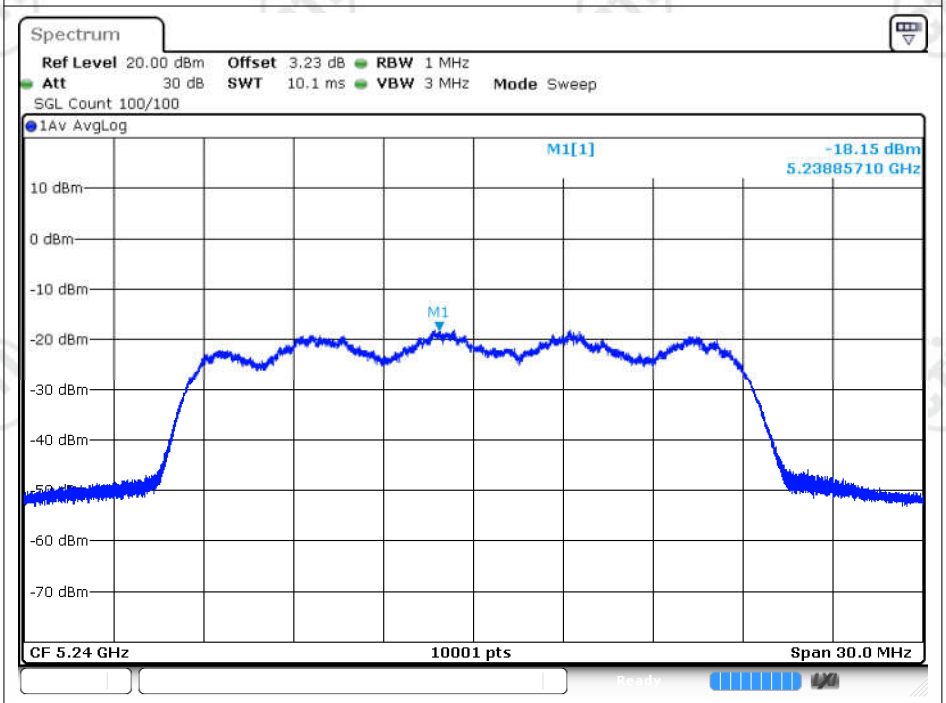

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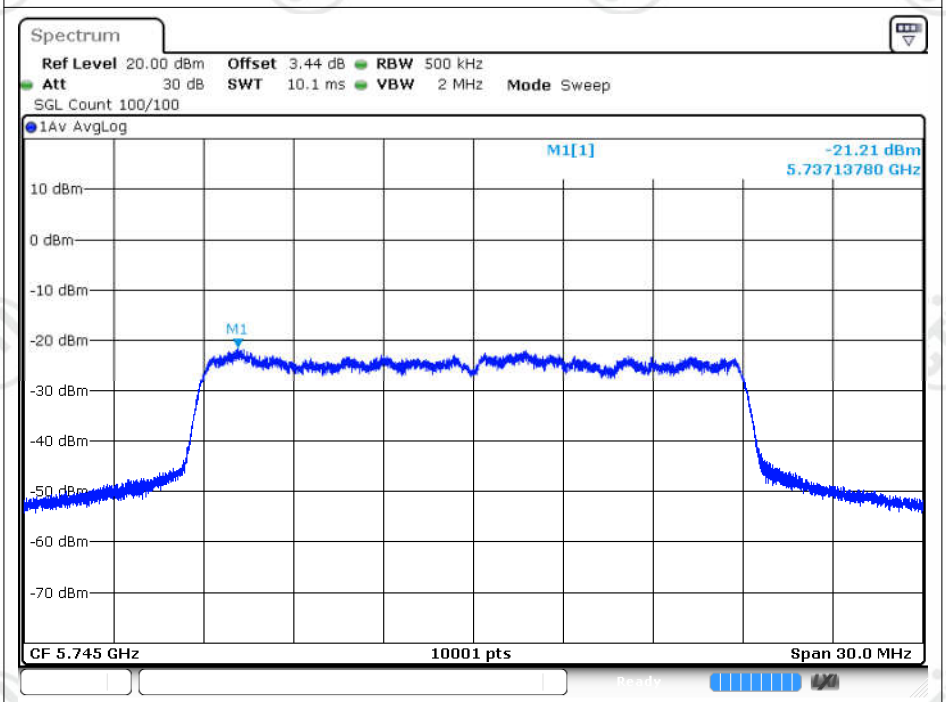
PSD NVNT ac20 5745MHz Ant1



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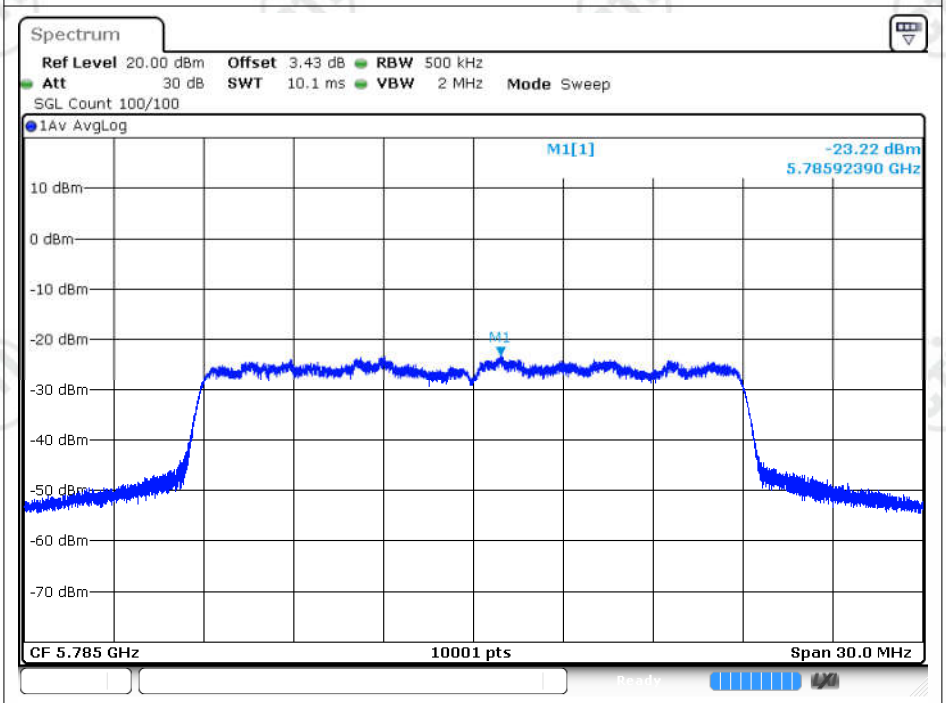

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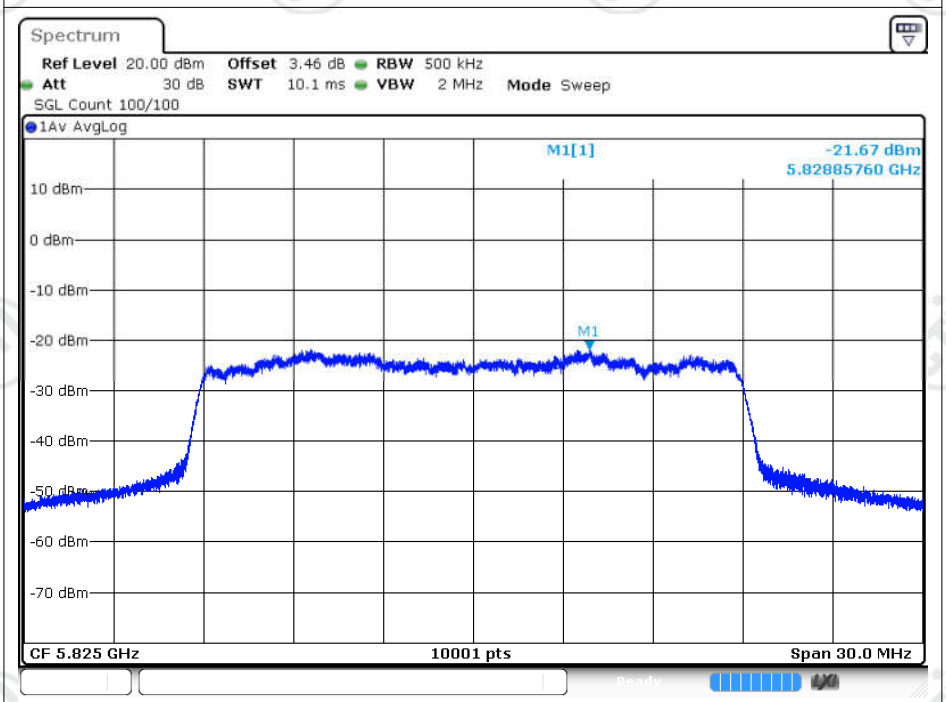

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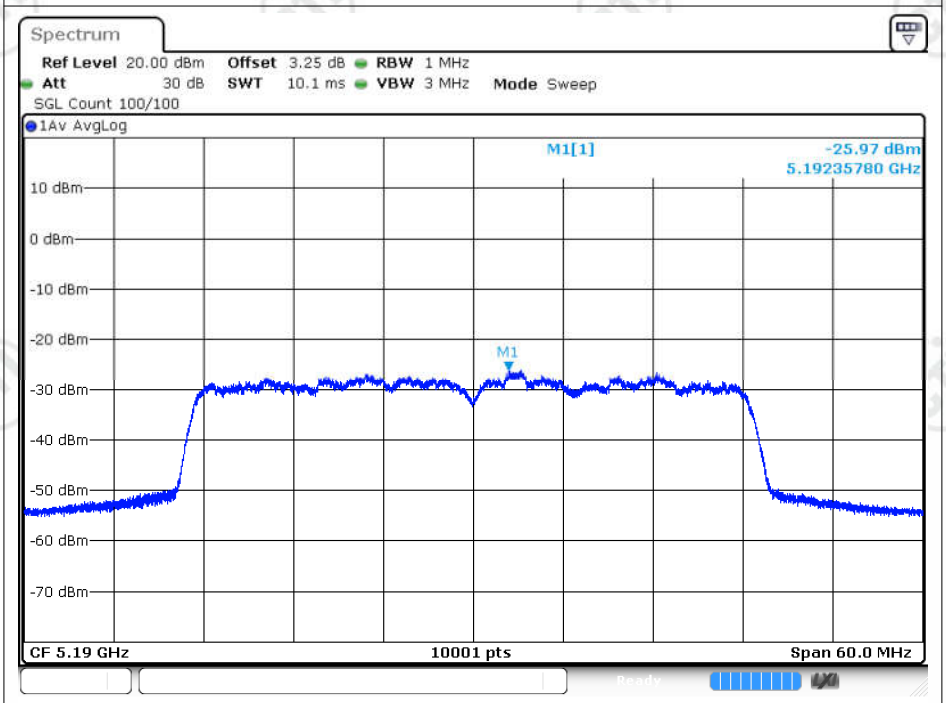

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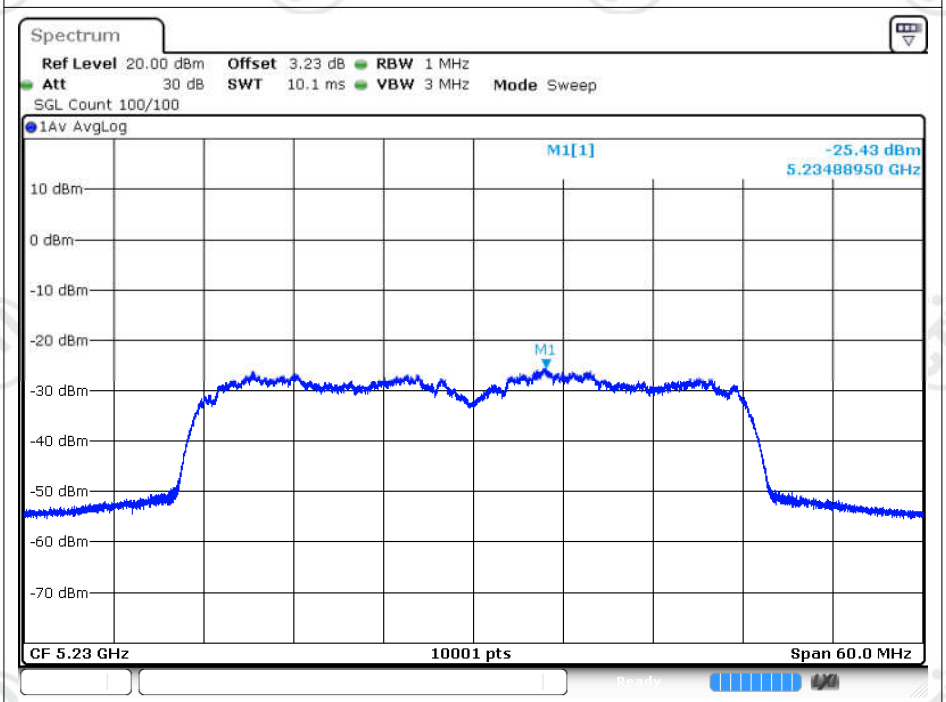

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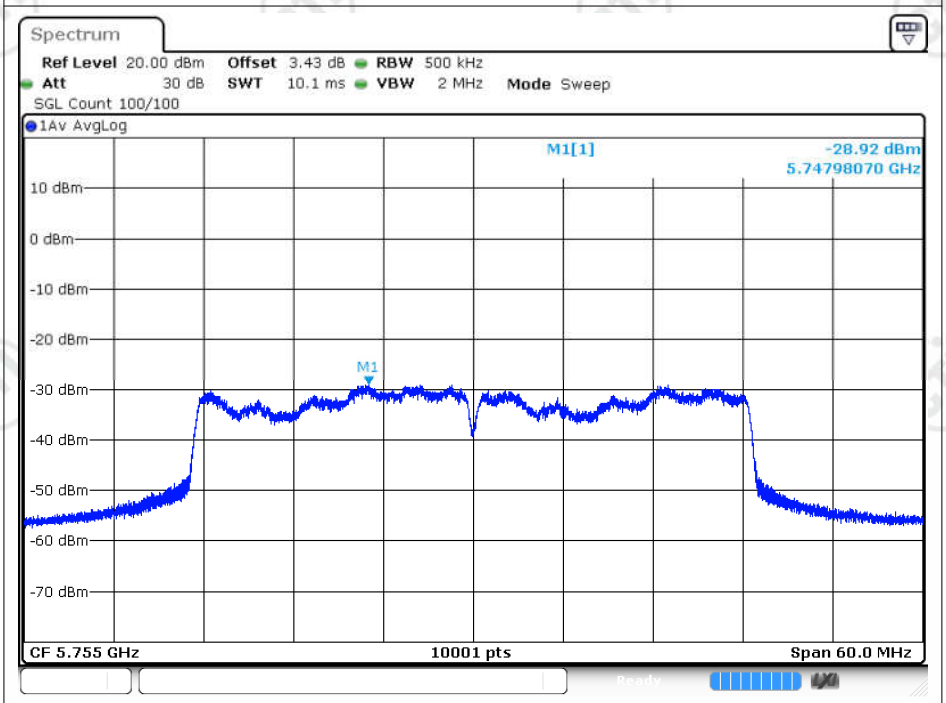

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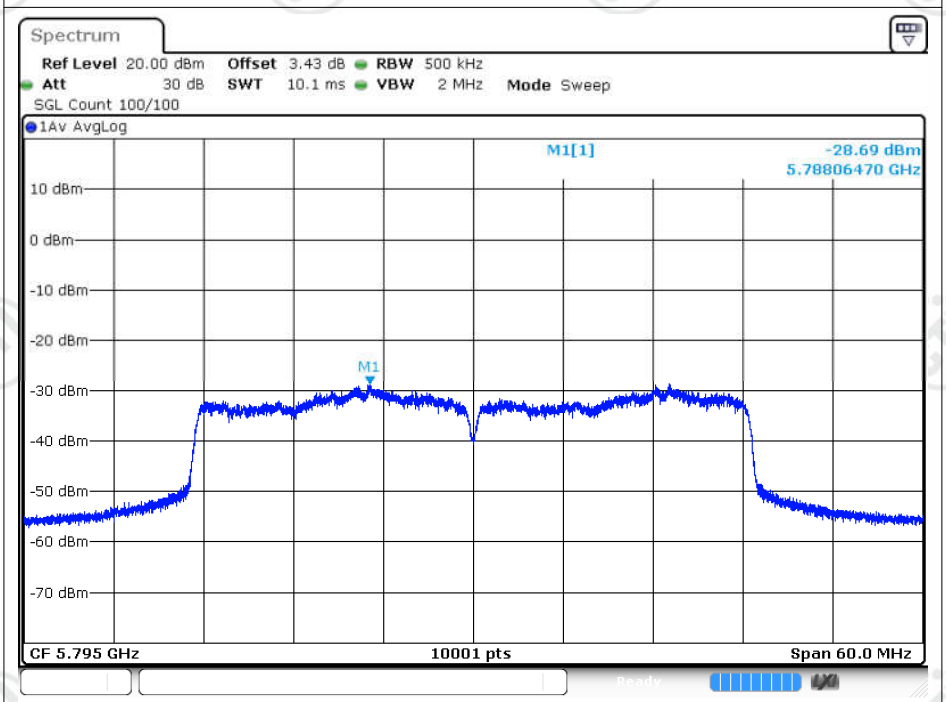
PSD NVNT ac40 5795MHz Ant1



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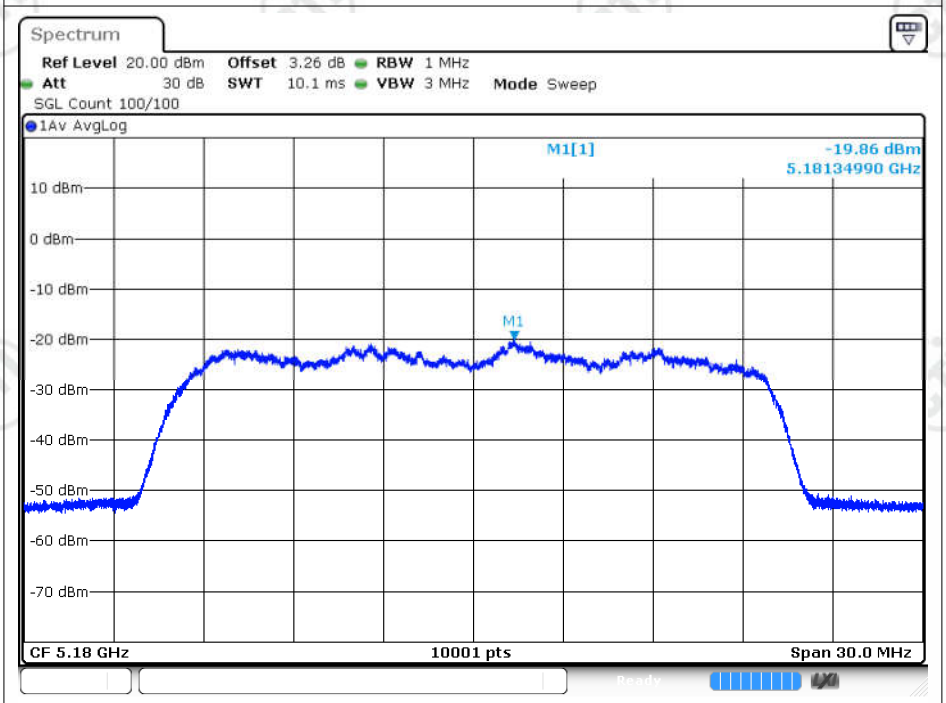
PSD NVNT ax20 5180MHz Ant1



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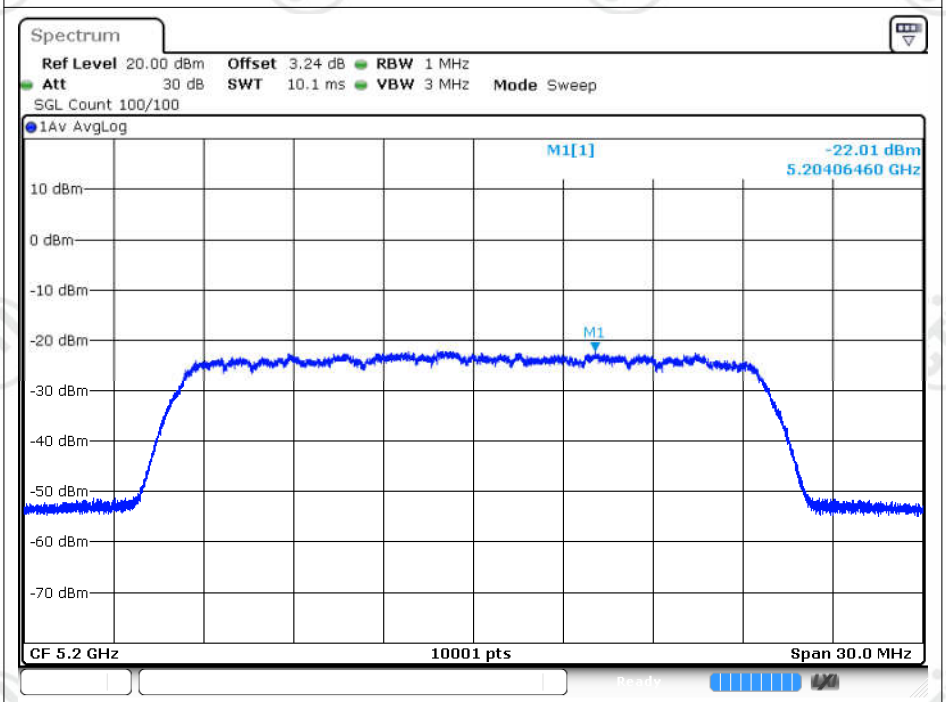
PSD NVNT ax20 5200MHz Ant1



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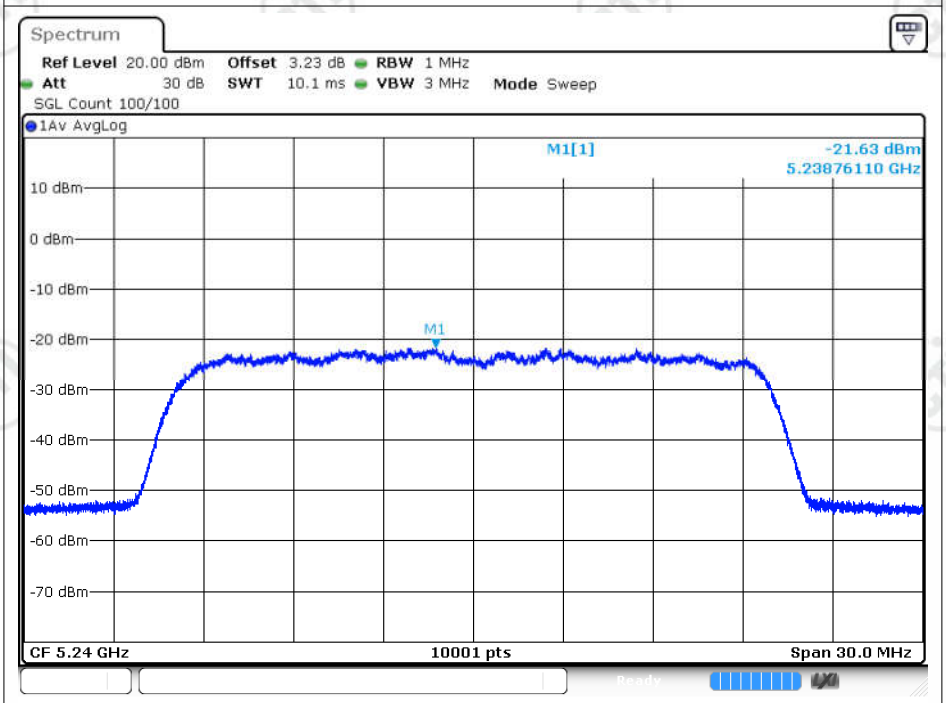
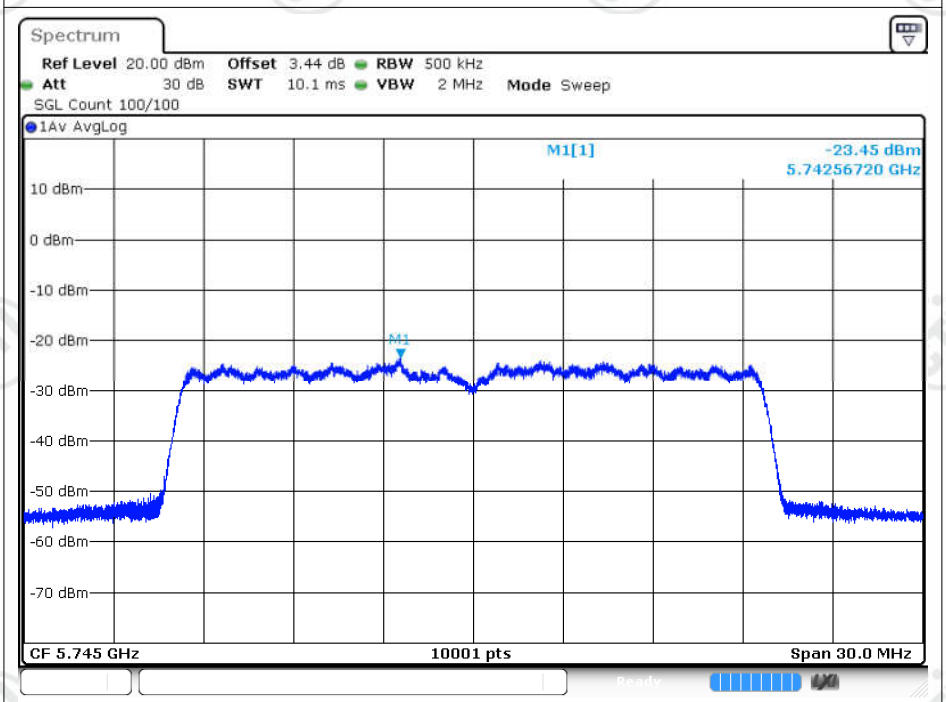


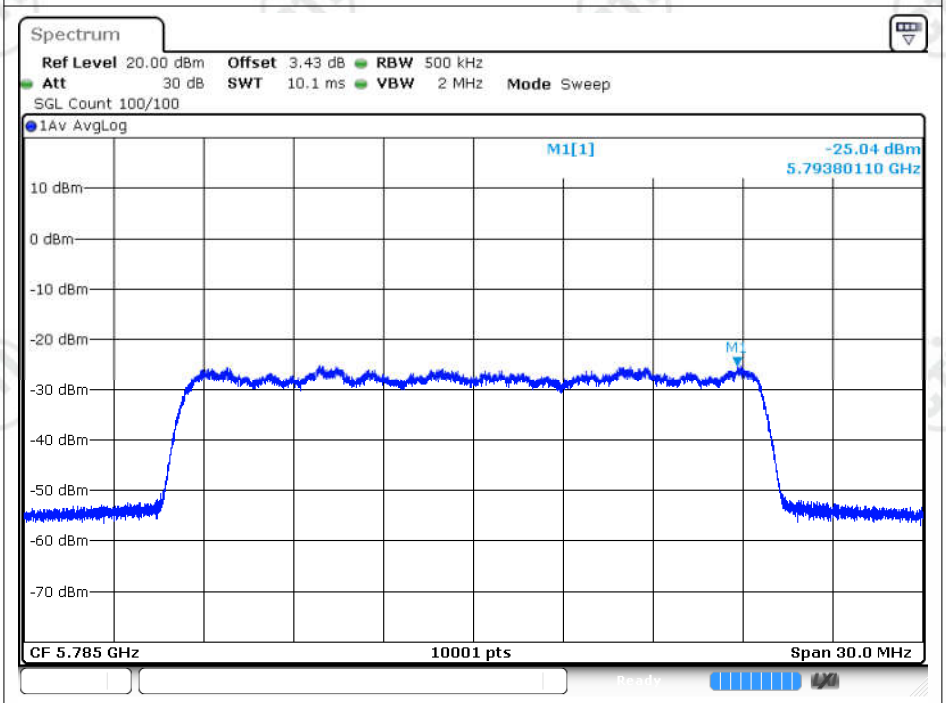
Date: 8.DEC.2024 14:18:35

PSD NVNT ax20 5745MHz Ant1



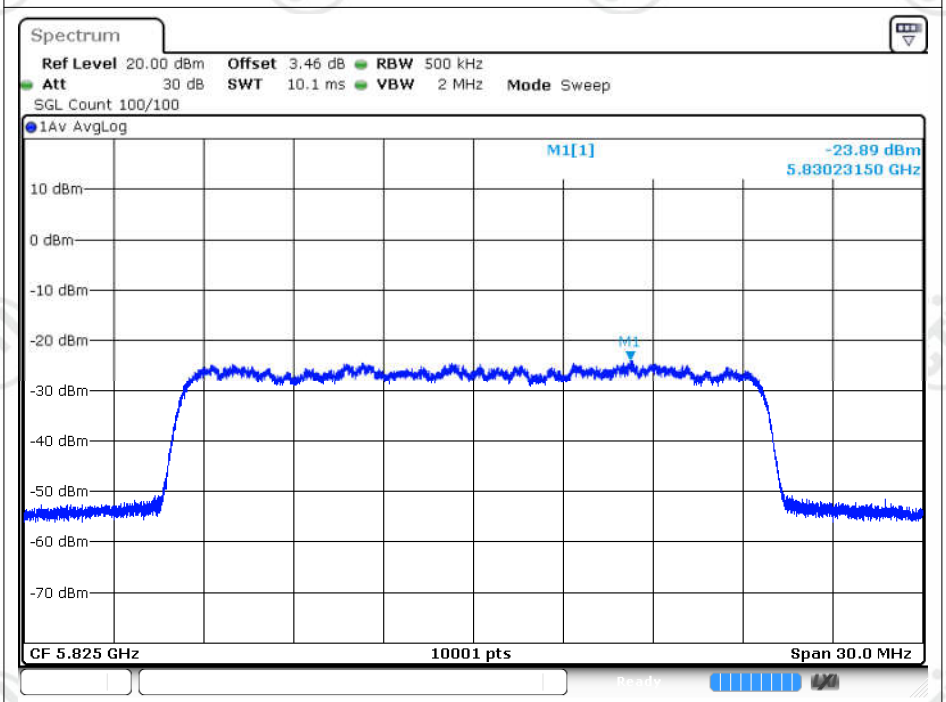
Date: 8.DEC.2024 14:20:27

PSD NVNT ax20 5785MHz Ant1



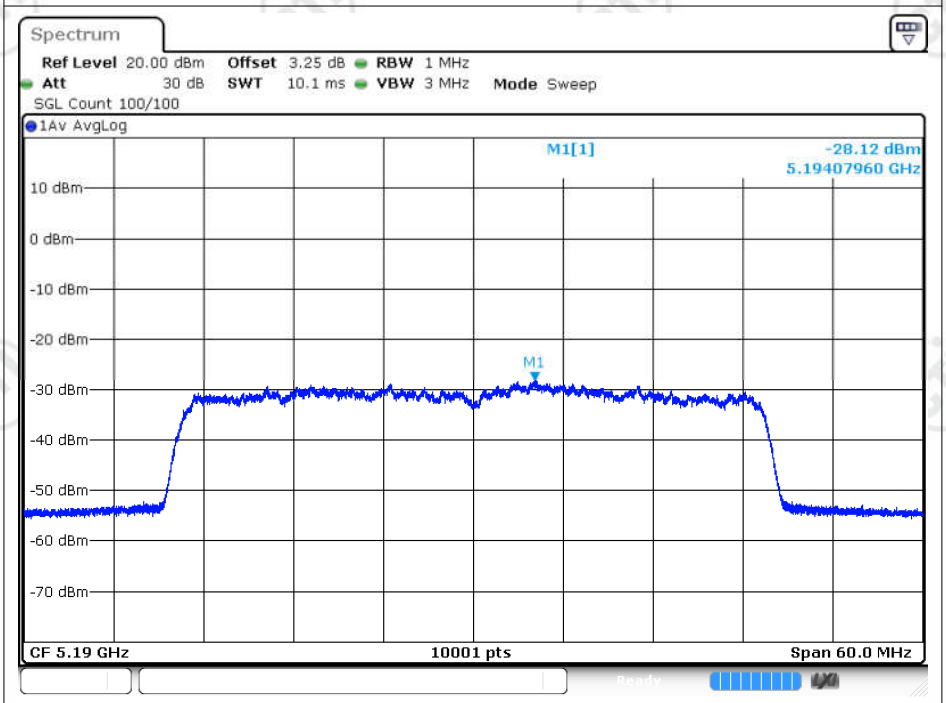
Date: 8.DEC.2024 14:22:22

PSD NVNT ax20 5825MHz Ant1



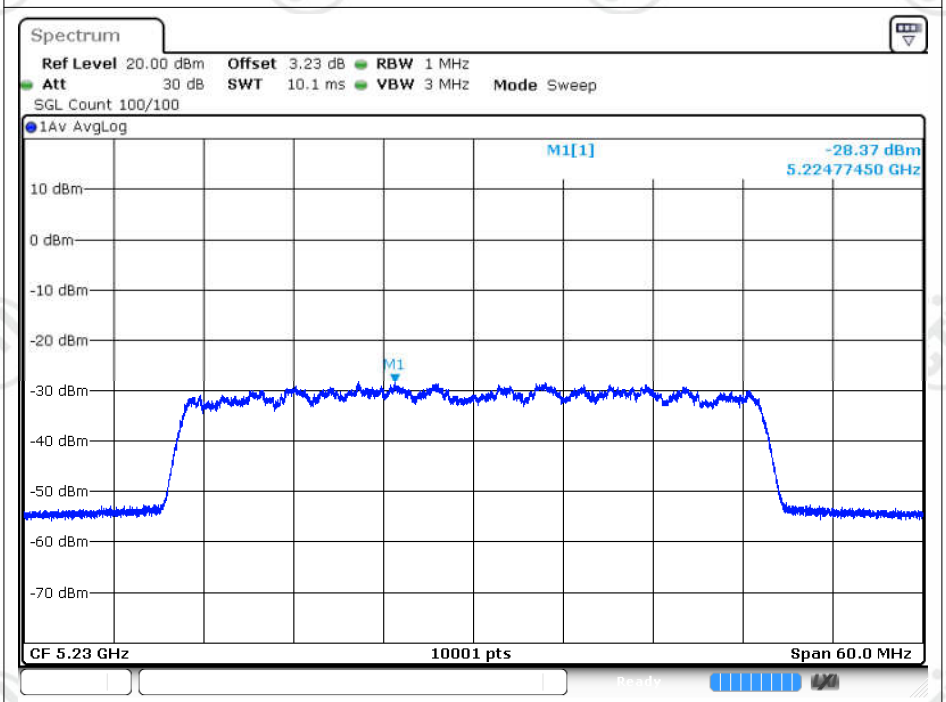
Date: 8.DEC.2024 14:24:59

PSD NVNT ax40 5190MHz Ant1



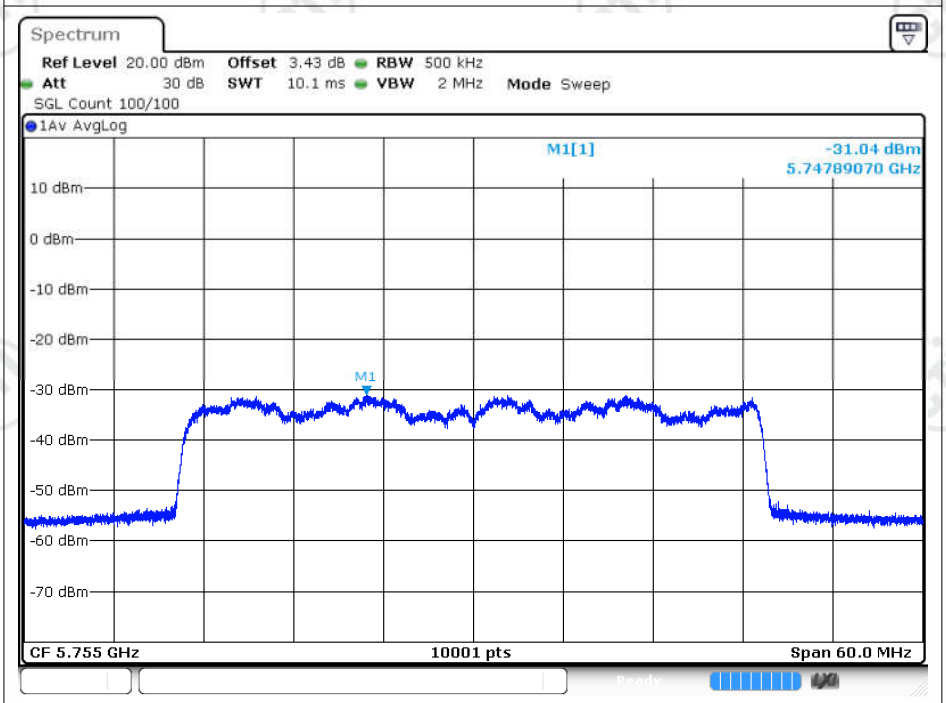
Date: 8.DEC.2024 14:26:55

PSD NVNT ax40 5230MHz Ant1



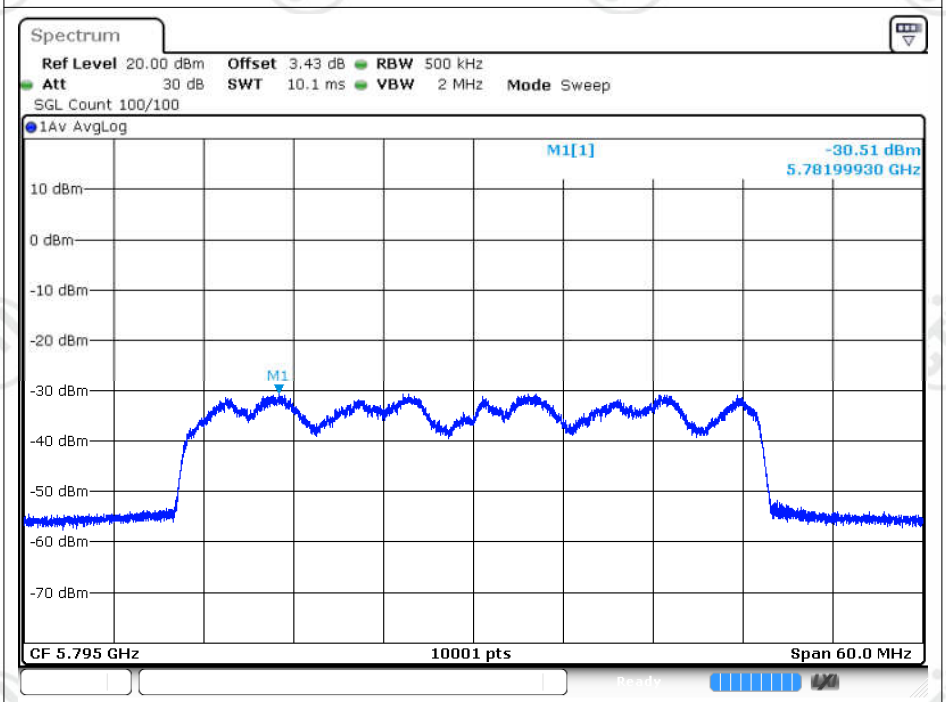
Date: 8.DEC.2024 14:28:31

PSD NVNT ax40 5755MHz Ant1



Date: 8.DEC.2024 14:30:27

PSD NVNT ax40 5795MHz Ant1



Date: 8.DEC.2024 14:32:17

Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 102V	a	5180	Ant1	5179.96	-40000	-7.72	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 136V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
-10C 136V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
0C 136V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
10C 136V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 136V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
30C 136V	a	5180	Ant1	5180	0	0	25	Pass
40C 136V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
50C 136V	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 102V	a	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 120V	a	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 138V	a	5200	Ant1	5199.98	-20000	-3.85	25	Pass
-20C 120V	a	5200	Ant1	5199.98	-20000	-3.85	25	Pass
-10C 120V	a	5200	Ant1	5199.96	-40000	-7.69	25	Pass
0C 120V	a	5200	Ant1	5199.96	-40000	-7.69	25	Pass
10C 120V	a	5200	Ant1	5199.96	-40000	-7.69	25	Pass
30C 120V	a	5200	Ant1	5199.94	-60000	-11.54	25	Pass
40C 120V	a	5200	Ant1	5199.96	-40000	-7.69	25	Pass
50C 120V	a	5200	Ant1	5199.94	-60000	-11.54	25	Pass
20C 102V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 120V	a	5240	Ant1	5239.96	-40000	-7.63	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	5239.96	-40000	-7.63	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	5239.96	-40000	-7.63	25	Pass
40C 120V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
50C 120V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 102V	a	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 120V	a	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 138V	a	5745	Ant1	5745	0	0	25	Pass
-20C 120V	a	5745	Ant1	5744.98	-20000	-3.48	25	Pass
-10C 120V	a	5745	Ant1	5744.98	-20000	-3.48	25	Pass
0C 120V	a	5745	Ant1	5744.98	-20000	-3.48	25	Pass

10C 120V	a	5745	Ant1	5744.96	-40000	-6.96	25	Pass
30C 120V	a	5745	Ant1	5744.94	-60000	-10.44	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	5785	Ant1	5784.98	-20000	-3.46	25	Pass
20C 120V	a	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 138V	a	5785	Ant1	5784.98	-20000	-3.46	25	Pass
-20C 120V	a	5785	Ant1	5784.98	-20000	-3.46	25	Pass
-10C 120V	a	5785	Ant1	5784.96	-40000	-6.91	25	Pass
0C 120V	a	5785	Ant1	5785	0	0	25	Pass
10C 120V	a	5785	Ant1	5784.94	-60000	-10.37	25	Pass
30C 120V	a	5785	Ant1	5784.96	-40000	-6.91	25	Pass
40C 120V	a	5785	Ant1	5784.98	-20000	-3.46	25	Pass
50C 120V	a	5785	Ant1	5784.98	-20000	-3.46	25	Pass
20C 102V	a	5825	Ant1	5825	0	0	25	Pass
20C 120V	a	5825	Ant1	5824.94	-60000	-10.3	25	Pass
20C 138V	a	5825	Ant1	5824.96	-40000	-6.87	25	Pass
-20C 120V	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass
-10C 120V	a	5825	Ant1	5824.94	-60000	-10.3	25	Pass
0C 120V	a	5825	Ant1	5825	0	0	25	Pass
10C 120V	a	5825	Ant1	5824.96	-40000	-6.87	25	Pass
30C 120V	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass
40C 120V	a	5825	Ant1	5824.96	-40000	-6.87	25	Pass
50C 120V	a	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 102V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 120V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 138V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-20C 120V	n20	5180	Ant1	5180	0	0	25	Pass
-10C 120V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
0C 120V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
10C 120V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
30C 120V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
40C 120V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
50C 120V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 102V	n20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 120V	n20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
20C 138V	n20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
-20C 120V	n20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
-10C 120V	n20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
0C 120V	n20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
10C 120V	n20	5200	Ant1	5199.98	-20000	-3.85	25	Pass

30C 120V	n20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
40C 120V	n20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
50C 120V	n20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 102V	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 120V	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 138V	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
-20C 120V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
-10C 120V	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
0C 120V	n20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
10C 120V	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
30C 120V	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
40C 120V	n20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
50C 120V	n20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
20C 102V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 120V	n20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
20C 138V	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
-20C 120V	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
-10C 120V	n20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
0C 120V	n20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
10C 120V	n20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
30C 120V	n20	5745	Ant1	5744.96	-40000	-6.96	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	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 120V	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 138V	n20	5785	Ant1	5784.92	-80000	-13.83	25	Pass
-20C 120V	n20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
-10C 120V	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
0C 120V	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
10C 120V	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
30C 120V	n20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
40C 120V	n20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
50C 120V	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 102V	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 120V	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 138V	n20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
-20C 120V	n20	5825	Ant1	5824.96	-40000	-6.87	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	5824.98	-20000	-3.43	25	Pass
30C 120V	n20	5825	Ant1	5824.96	-40000	-6.87	25	Pass

40C 120V	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
50C 120V	n20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
20C 102V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 120V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 138V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
-20C 120V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
-10C 120V	n40	5190	Ant1	5190	0	0	25	Pass
0C 120V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
10C 120V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
30C 120V	n40	5190	Ant1	5189.96	-40000	-7.71	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	5229.96	-40000	-7.65	25	Pass
20C 138V	n40	5230	Ant1	5229.92	-80000	-15.3	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	5229.96	-40000	-7.65	25	Pass
10C 120V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
30C 120V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
40C 120V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
50C 120V	n40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
20C 102V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 120V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 138V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
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10C 120V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
30C 120V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
40C 120V	n40	5755	Ant1	5754.96	-40000	-6.95	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	5794.96	-40000	-6.9	25	Pass
20C 138V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
-20C 120V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
-10C 120V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
0C 120V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
10C 120V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
30C 120V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
40C 120V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass

50C 120V	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 102V	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 120V	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 138V	ac20	5180	Ant1	5179.96	-40000	-7.72	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	5179.96	-40000	-7.72	25	Pass
10C 120V	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
30C 120V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
40C 120V	ac20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
50C 120V	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 102V	ac20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 120V	ac20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 138V	ac20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
-20C 120V	ac20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
-10C 120V	ac20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
0C 120V	ac20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
10C 120V	ac20	5200	Ant1	5200	0	0	25	Pass
30C 120V	ac20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
40C 120V	ac20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
50C 120V	ac20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 102V	ac20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 120V	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 138V	ac20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
-20C 120V	ac20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
-10C 120V	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
0C 120V	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
10C 120V	ac20	5240	Ant1	5240	0	0	25	Pass
30C 120V	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
40C 120V	ac20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
50C 120V	ac20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
20C 102V	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 120V	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 138V	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
-20C 120V	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
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10C 120V	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
30C 120V	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
40C 120V	ac20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
50C 120V	ac20	5745	Ant1	5744.94	-60000	-10.44	25	Pass

20C 102V	ac20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
20C 120V	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 138V	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
-20C 120V	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
-10C 120V	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
0C 120V	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
10C 120V	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
30C 120V	ac20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
40C 120V	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
50C 120V	ac20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
20C 102V	ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 120V	ac20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
20C 138V	ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
-20C 120V	ac20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
-10C 120V	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
0C 120V	ac20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
10C 120V	ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
30C 120V	ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
40C 120V	ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
50C 120V	ac20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
20C 102V	ac40	5190	Ant1	5190	0	0	25	Pass
20C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 138V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
-20C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
-10C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
0C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
10C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
30C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
40C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
50C 120V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 102V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 138V	ac40	5230	Ant1	5230.04	40000	7.65	25	Pass
-20C 120V	ac40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
-10C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
0C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
10C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
30C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
40C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
50C 120V	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 102V	ac40	5755	Ant1	5754.92	-80000	-13.9	25	Pass

20C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 138V	ac40	5755	Ant1	5754.84	-160000	-27.8	25	Pass
-20C 120V	ac40	5755	Ant1	5754.88	-120000	-20.85	25	Pass
-10C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
0C 120V	ac40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
10C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
30C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
40C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
50C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 102V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 120V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 138V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
-20C 120V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
-10C 120V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
0C 120V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
10C 120V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
30C 120V	ac40	5795	Ant1	5795	0	0	25	Pass
40C 120V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
50C 120V	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
20C 102V	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 120V	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 138V	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
-20C 120V	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
-10C 120V	ax20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
0C 120V	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
10C 120V	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
30C 120V	ax20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
40C 120V	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
50C 120V	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 102V	ax20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 120V	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 138V	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
-20C 120V	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
-10C 120V	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
0C 120V	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
10C 120V	ax20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
30C 120V	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
40C 120V	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
50C 120V	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 102V	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 120V	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass

20C 138V	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
-20C 120V	ax20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
-10C 120V	ax20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
0C 120V	ax20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
10C 120V	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
30C 120V	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
40C 120V	ax20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
50C 120V	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 102V	ax20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 120V	ax20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 138V	ax20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
-20C 120V	ax20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
-10C 120V	ax20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
0C 120V	ax20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
10C 120V	ax20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
30C 120V	ax20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
40C 120V	ax20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
50C 120V	ax20	5745	Ant1	5744.92	-80000	-13.93	25	Pass
20C 102V	ax20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 120V	ax20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 138V	ax20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
-20C 120V	ax20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
-10C 120V	ax20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
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50C 120V	ax20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
20C 102V	ax20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 120V	ax20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
20C 138V	ax20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
-20C 120V	ax20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
-10C 120V	ax20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
0C 120V	ax20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
10C 120V	ax20	5825	Ant1	5824.92	-80000	-13.73	25	Pass
30C 120V	ax20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
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50C 120V	ax20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 102V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 120V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 138V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass

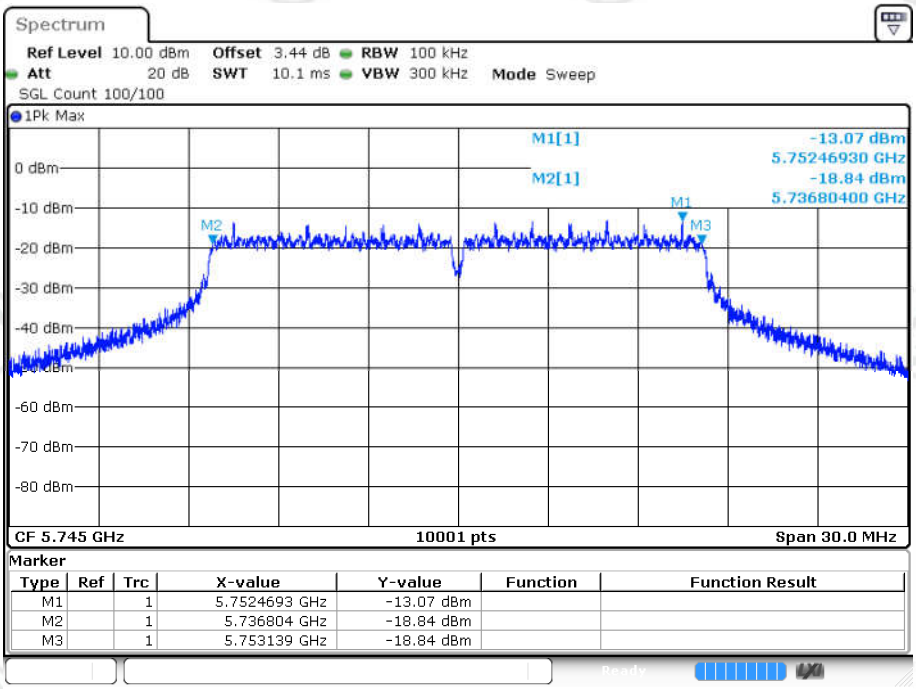
-20C 120V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
-10C 120V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
0C 120V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
10C 120V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
30C 120V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
40C 120V	ax40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
50C 120V	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 102V	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 120V	ax40	5230	Ant1	5230	0	0	25	Pass
20C 138V	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
-20C 120V	ax40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
-10C 120V	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
0C 120V	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
10C 120V	ax40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
30C 120V	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
40C 120V	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
50C 120V	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 102V	ax40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
20C 120V	ax40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 138V	ax40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
-20C 120V	ax40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
-10C 120V	ax40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
0C 120V	ax40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
10C 120V	ax40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
30C 120V	ax40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
40C 120V	ax40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
50C 120V	ax40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
20C 102V	ax40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
20C 120V	ax40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
20C 138V	ax40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
-20C 120V	ax40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
-10C 120V	ax40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
0C 120V	ax40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
10C 120V	ax40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
30C 120V	ax40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
40C 120V	ax40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
50C 120V	ax40	5795	Ant1	5794.92	-80000	-13.81	25	Pass

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.335	0.5	Pass
NVNT	a	5785	Ant1	16.35	0.5	Pass
NVNT	a	5825	Ant1	16.338	0.5	Pass
NVNT	n20	5745	Ant1	17.589	0.5	Pass
NVNT	n20	5785	Ant1	17.592	0.5	Pass
NVNT	n20	5825	Ant1	17.577	0.5	Pass
NVNT	n40	5755	Ant1	36.312	0.5	Pass
NVNT	n40	5795	Ant1	36.342	0.5	Pass
NVNT	ac20	5745	Ant1	17.586	0.5	Pass
NVNT	ac20	5785	Ant1	17.613	0.5	Pass
NVNT	ac20	5825	Ant1	17.613	0.5	Pass
NVNT	ac40	5755	Ant1	36.324	0.5	Pass
NVNT	ac40	5795	Ant1	36.378	0.5	Pass
NVNT	ax20	5745	Ant1	18.933	0.5	Pass
NVNT	ax20	5785	Ant1	18.993	0.5	Pass
NVNT	ax20	5825	Ant1	18.99	0.5	Pass
NVNT	ax40	5755	Ant1	37.806	0.5	Pass
NVNT	ax40	5795	Ant1	38.022	0.5	Pass

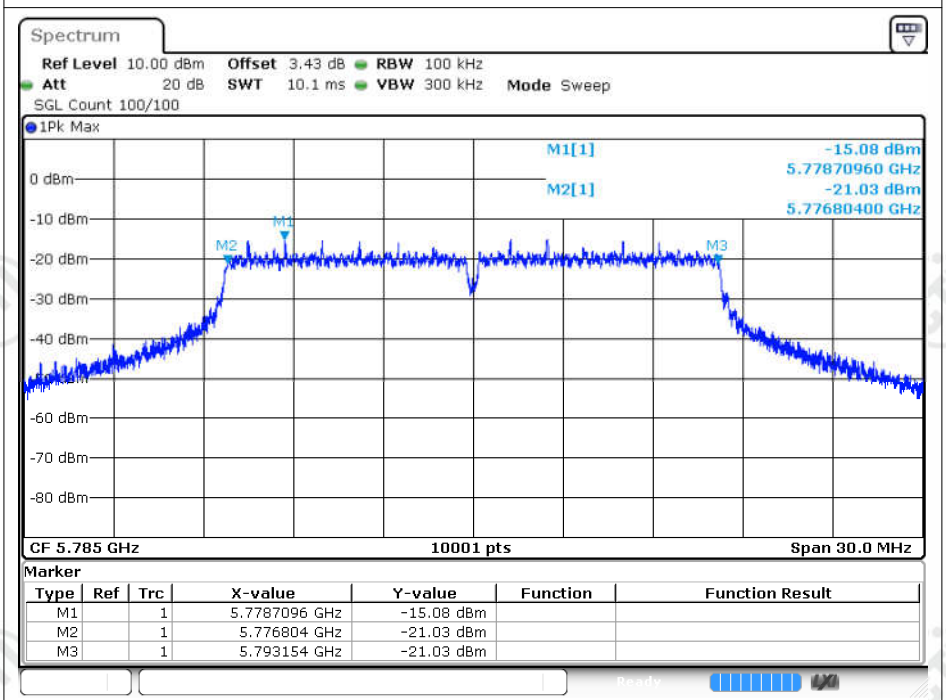
Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1



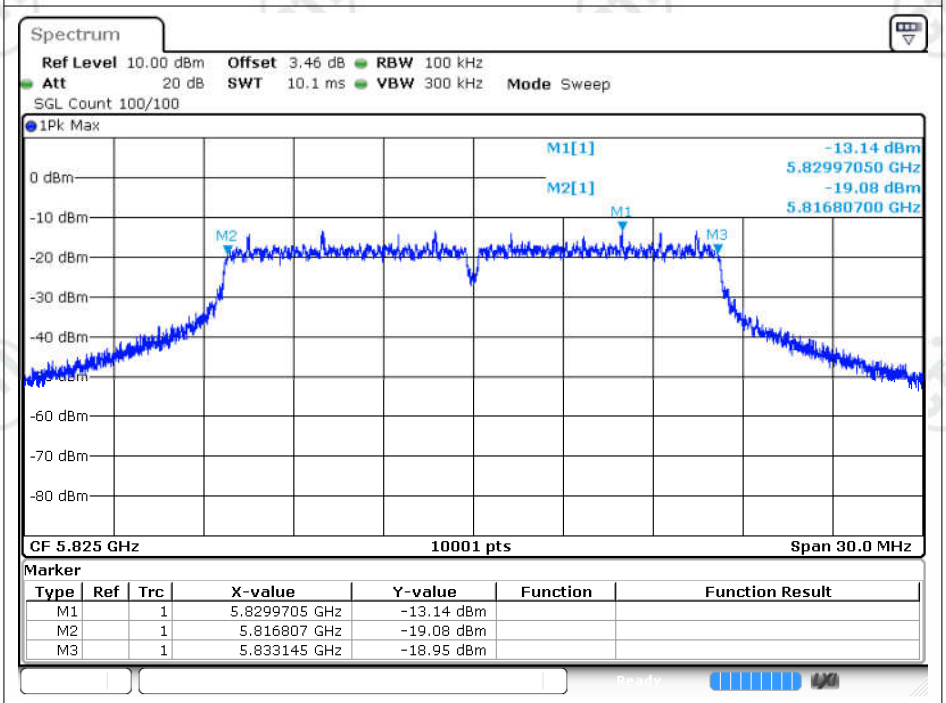
Date: 8.DEC.2024 13:21:19

-6dB Bandwidth NVNT a 5785MHz Ant1



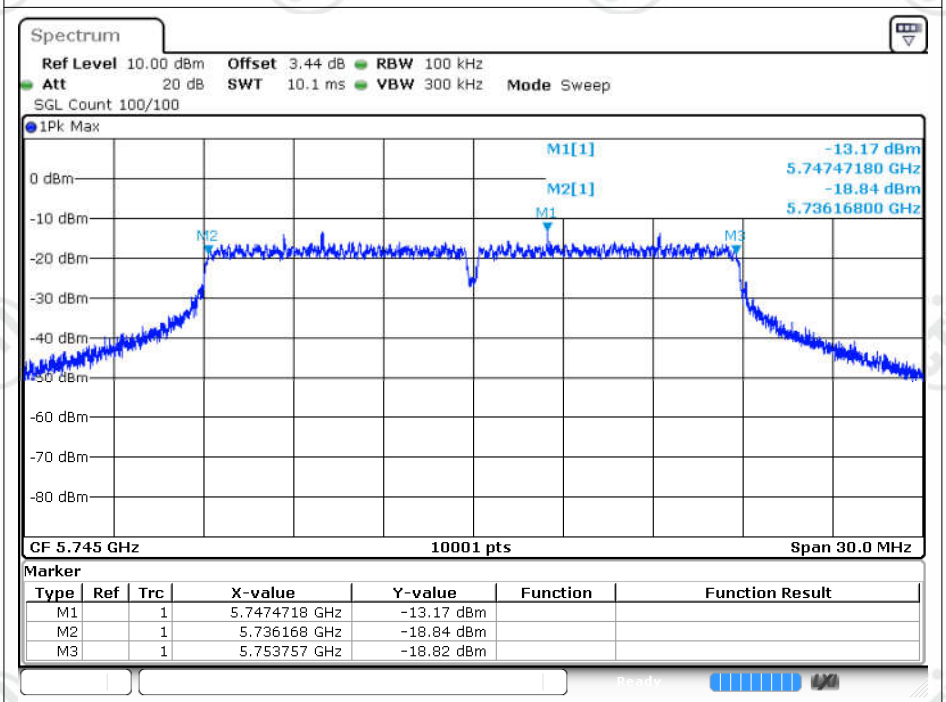
Date: 8.DEC.2024 13:23:23

-6dB Bandwidth NVNT a 5825MHz Ant1



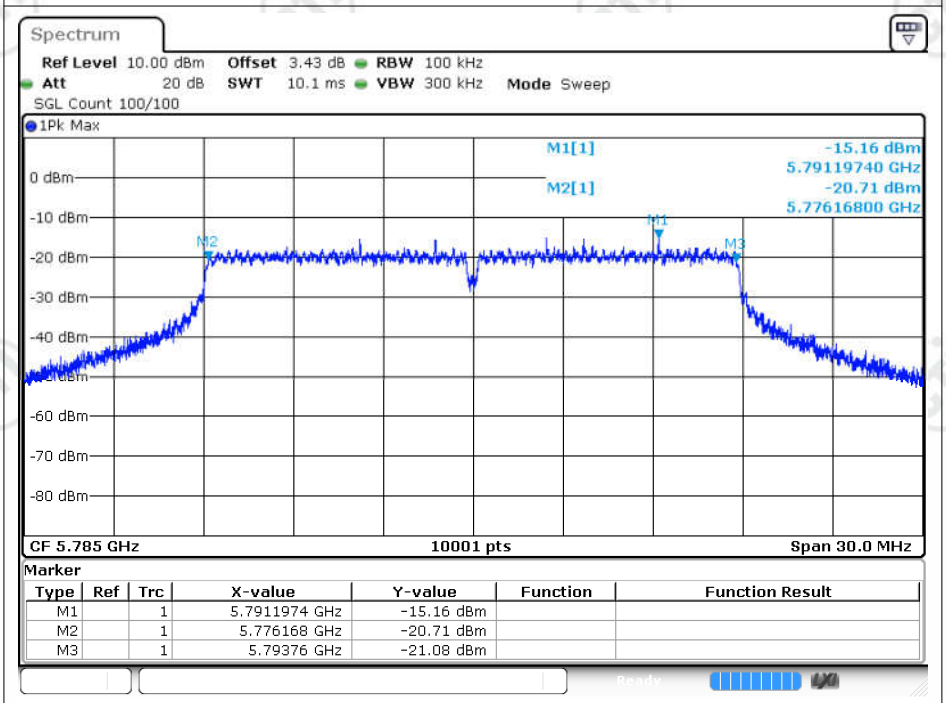
Date: 8.DEC.2024 13:25:55

-6dB Bandwidth NVNT n20 5745MHz Ant1



Date: 8.DEC.2024 13:36:55

-6dB Bandwidth NVNT n20 5785MHz Ant1



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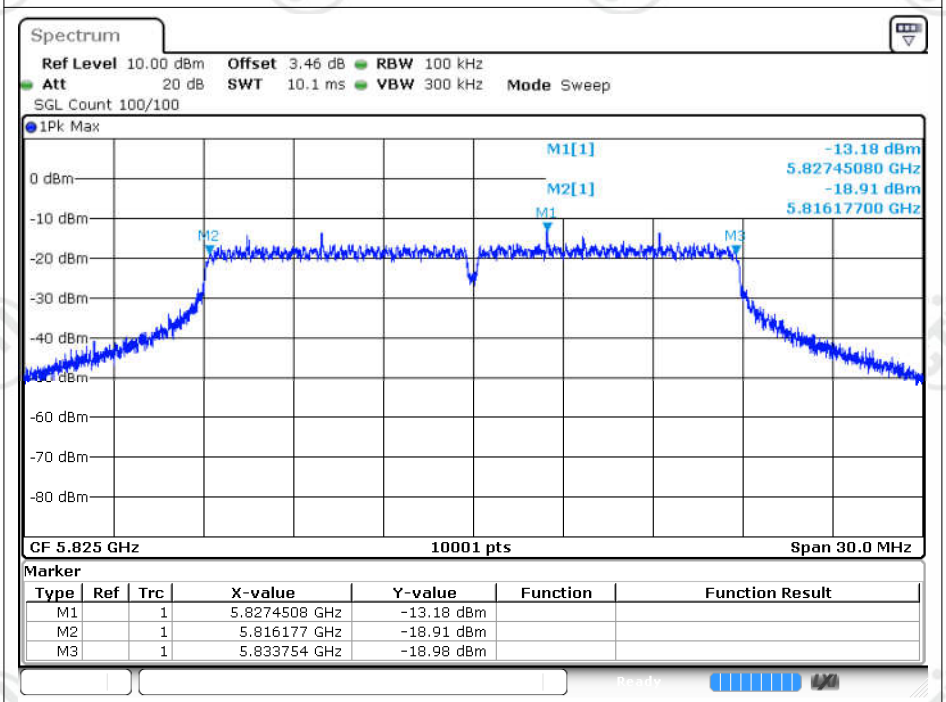
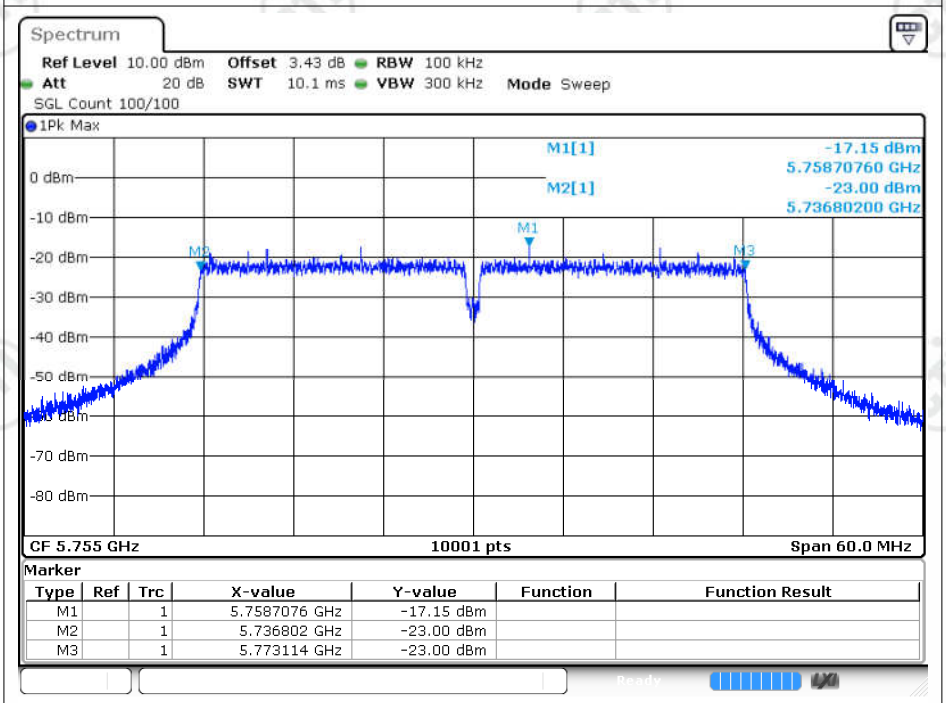
-6dB Bandwidth NVNT n20 5825MHz Ant1



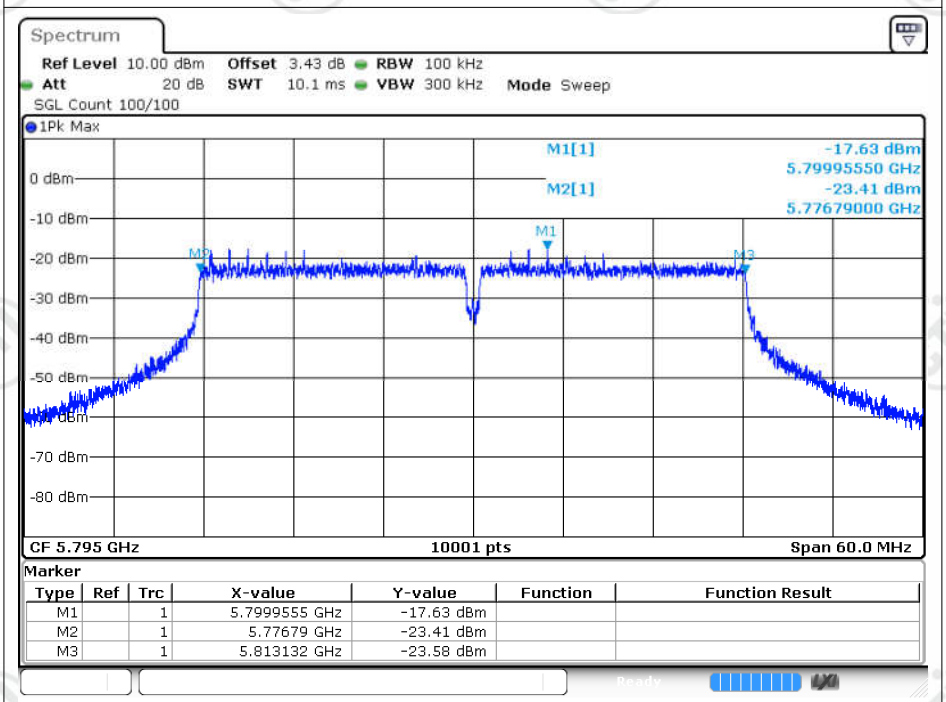
Date: 8.DEC.2024 13:41:04

-6dB Bandwidth NVNT n40 5755MHz Ant1



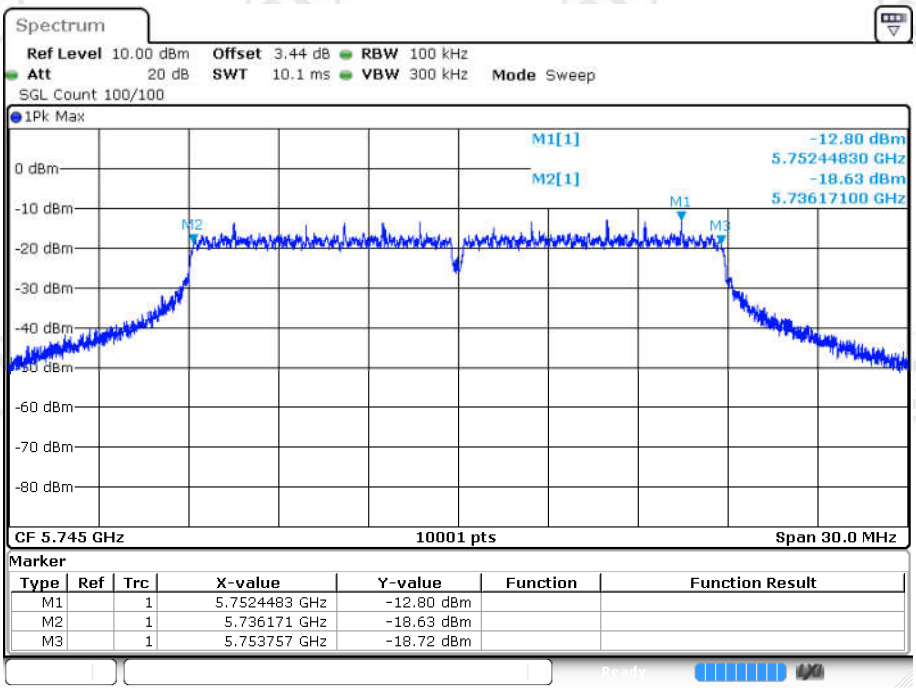
Date: 8.DEC.2024 13:47:19

-6dB Bandwidth NVNT n40 5795MHz Ant1



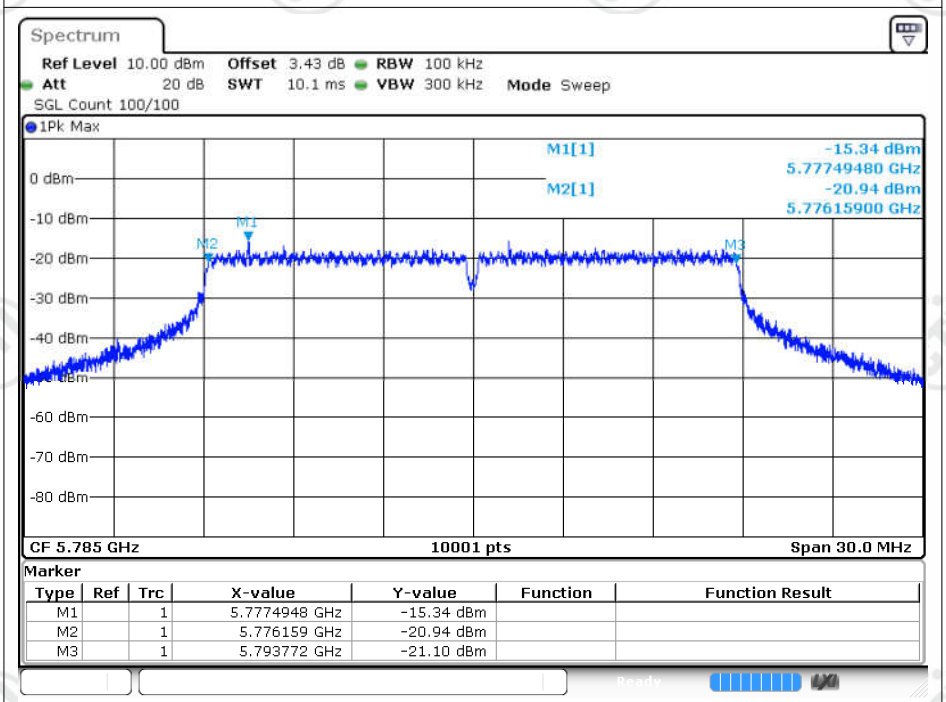
Date: 8.DEC.2024 13:49:58

-6dB Bandwidth NVNT ac20 5745MHz Ant1



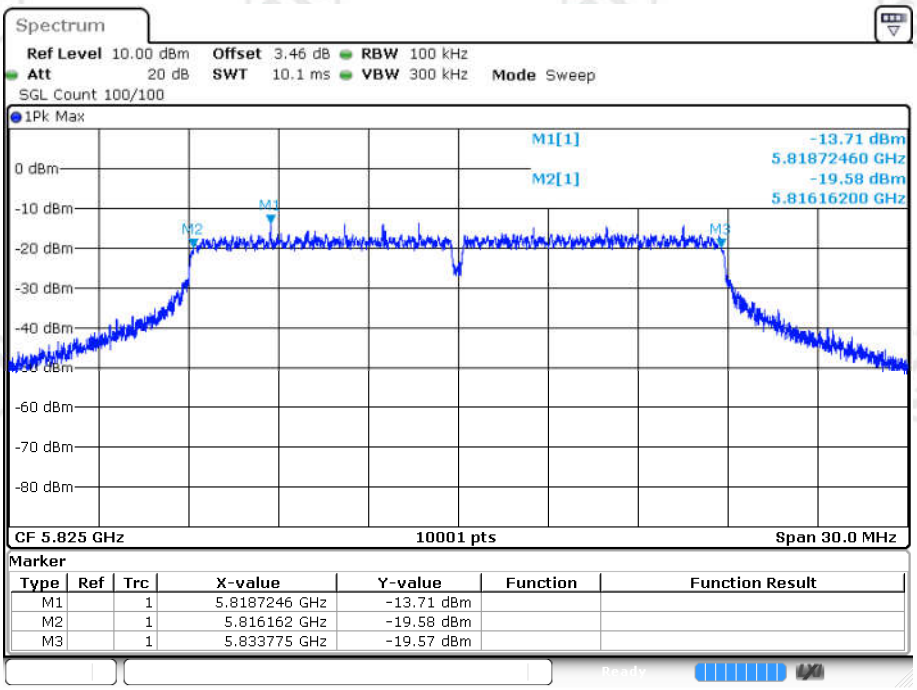
Date: 8.DEC.2024 13:59:44

-6dB Bandwidth NVNT ac20 5785MHz Ant1



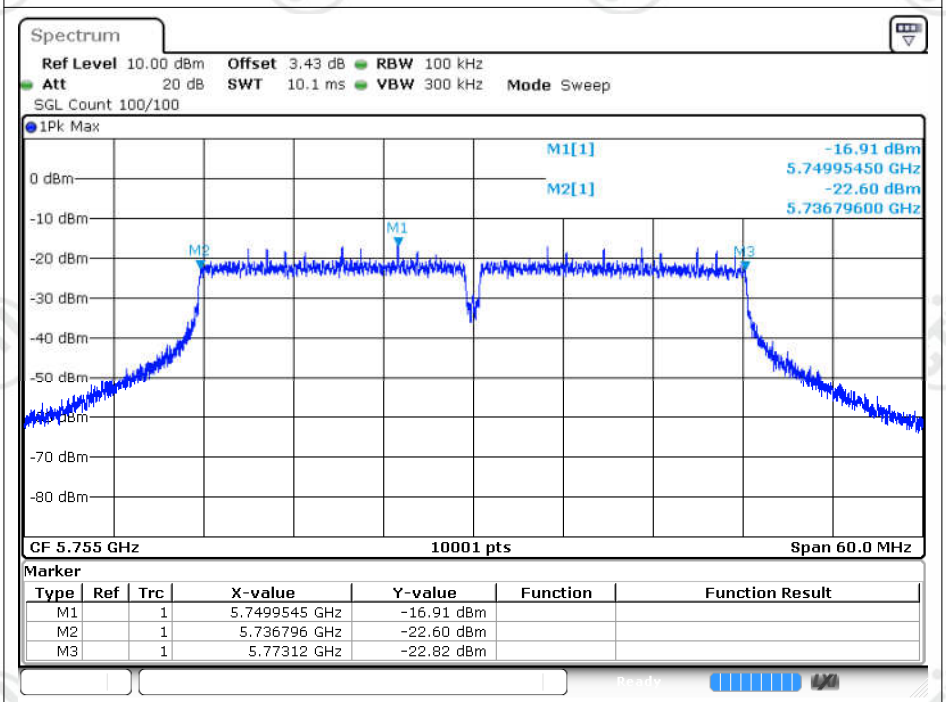
Date: 8.DEC.2024 14:02:05

-6dB Bandwidth NVNT ac20 5825MHz Ant1



Date: 8.DEC.2024 14:04:04

-6dB Bandwidth NVNT ac40 5755MHz Ant1



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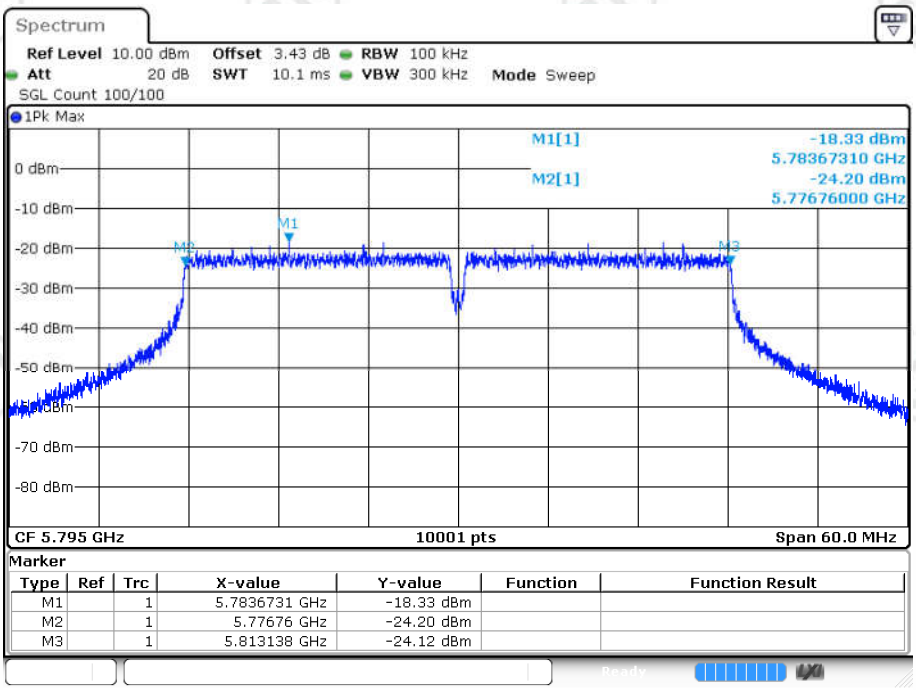
-6dB Bandwidth NVNT ac40 5795MHz Ant1



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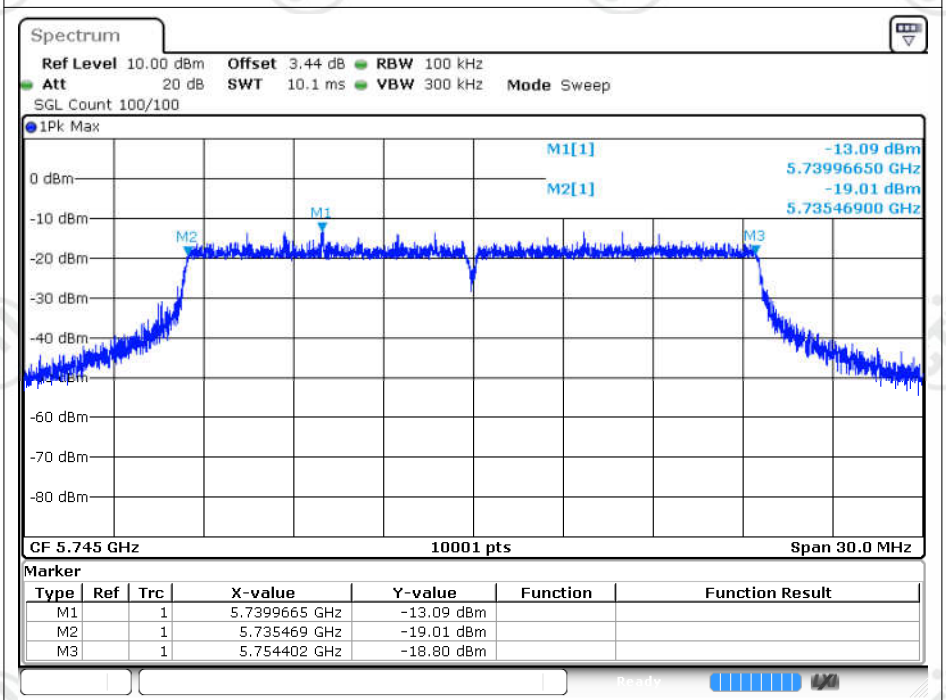
-6dB Bandwidth NVNT ax20 5745MHz Ant1



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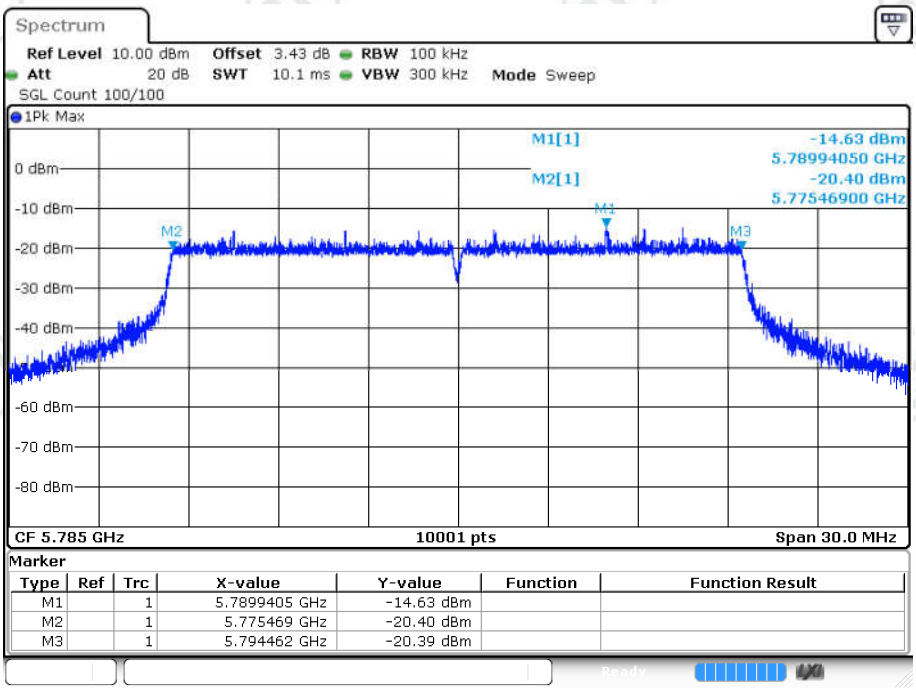
-6dB Bandwidth NVNT ax20 5785MHz Ant1



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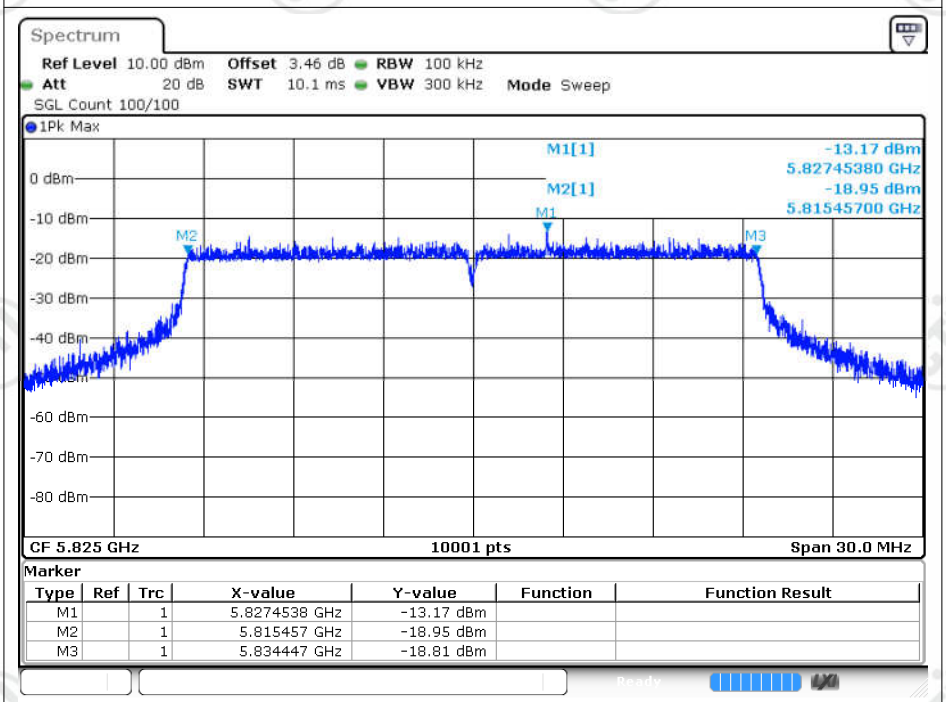
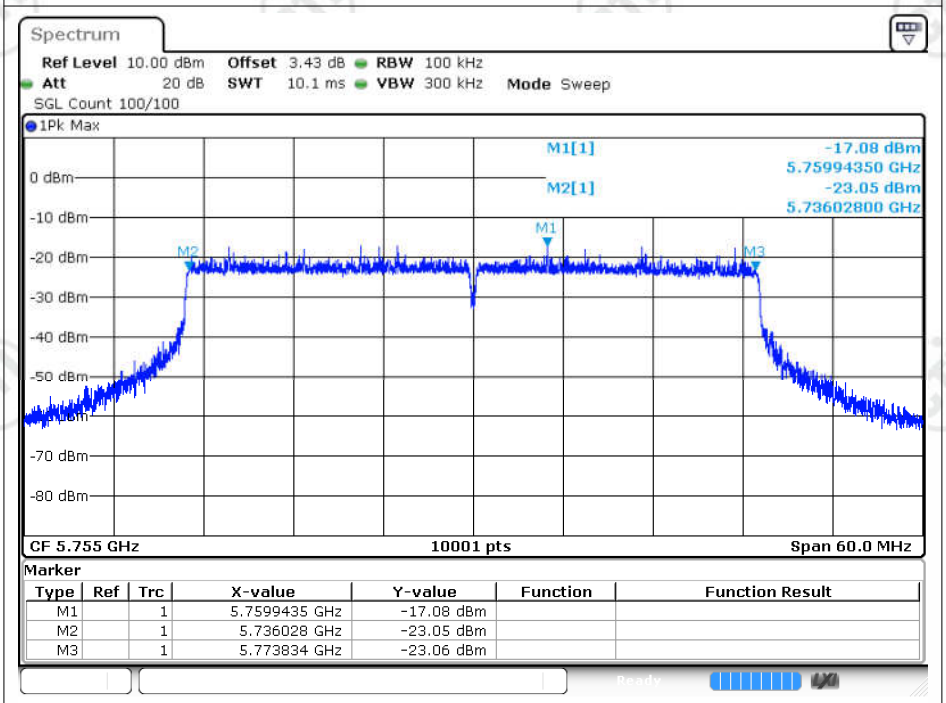
-6dB Bandwidth NVNT ax20 5825MHz Ant1



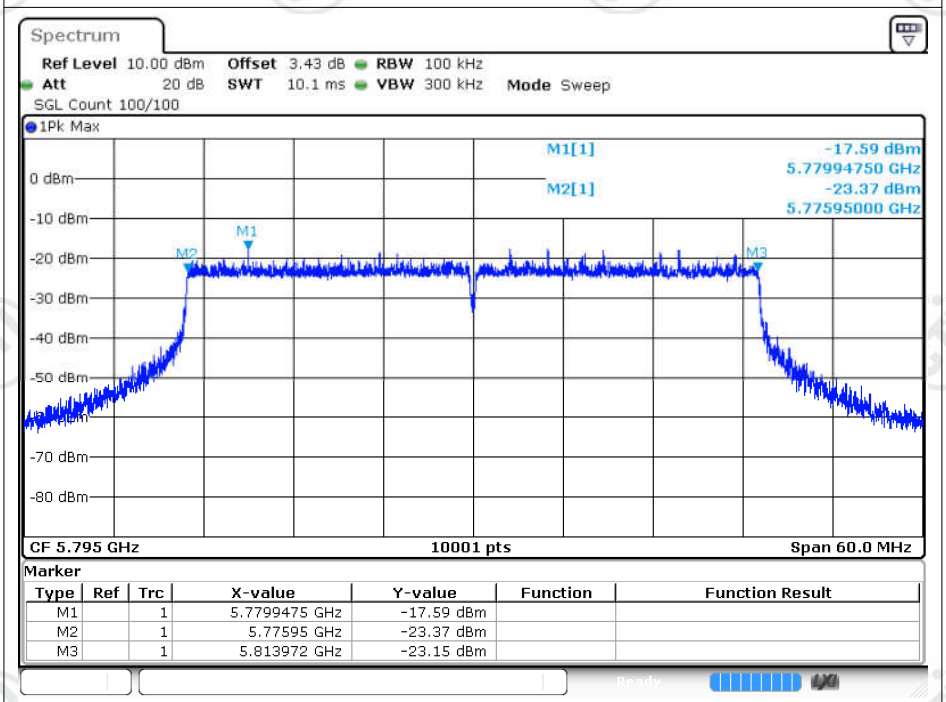
Date: 8.DEC.2024 14:24:54

-6dB Bandwidth NVNT ax40 5755MHz Ant1



Date: 8.DEC.2024 14:30:23

-6dB Bandwidth NVNT ax40 5795MHz Ant1



Date: 8.DEC.2024 14:32:12

END OF REPORT