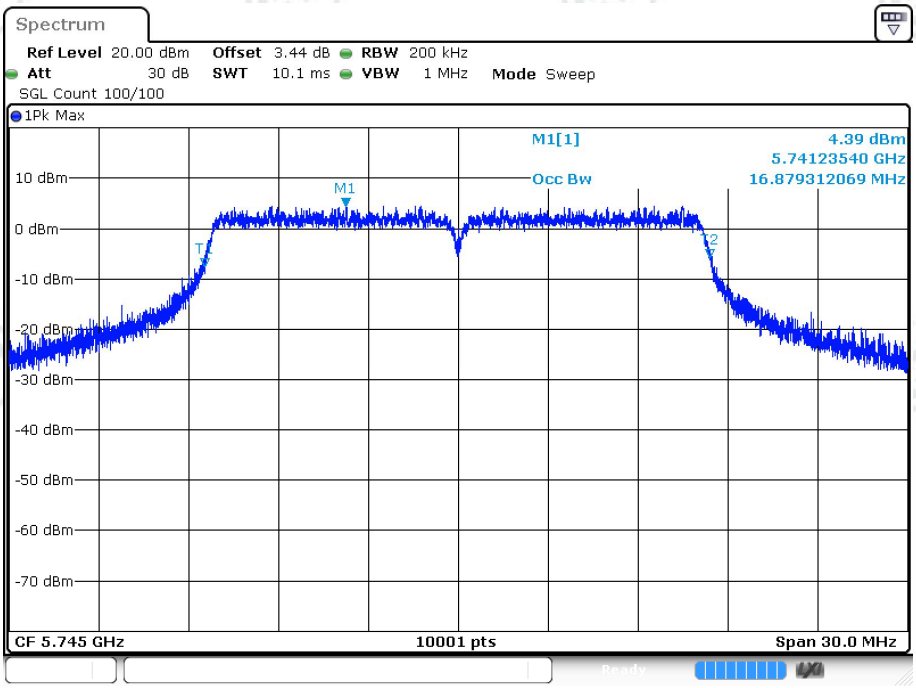
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.879
NVNT	a	5785	Ant1	16.861
NVNT	a	5825	Ant1	16.852
NVNT	n20	5745	Ant1	18.037
NVNT	n20	5785	Ant1	18.061
NVNT	n20	5825	Ant1	18.034
NVNT	n40	5755	Ant1	36.854
NVNT	n40	5795	Ant1	36.908
NVNT	ac20	5745	Ant1	18.025
NVNT	ac20	5785	Ant1	18.046
NVNT	ac20	5825	Ant1	18.016
NVNT	ac40	5755	Ant1	36.824
NVNT	ac40	5795	Ant1	36.86
NVNT	ax20	5745	Ant1	19.153
NVNT	ax20	5785	Ant1	19.141
NVNT	ax20	5825	Ant1	19.153
NVNT	ax40	5755	Ant1	38.054
NVNT	ax40	5795	Ant1	38.078

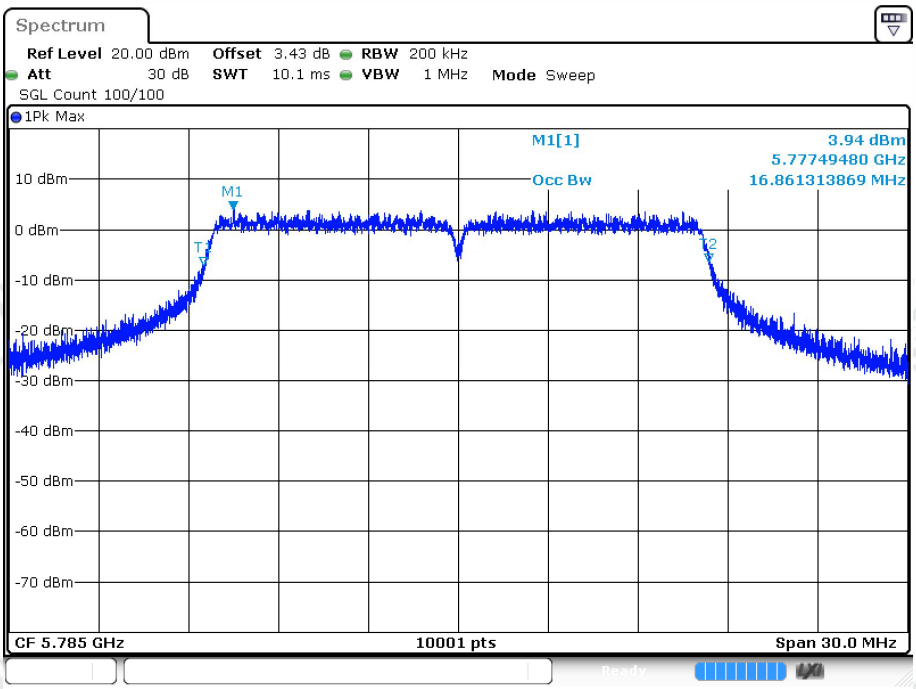
Test Graphs

OBW NVNT a 5745MHz Ant1



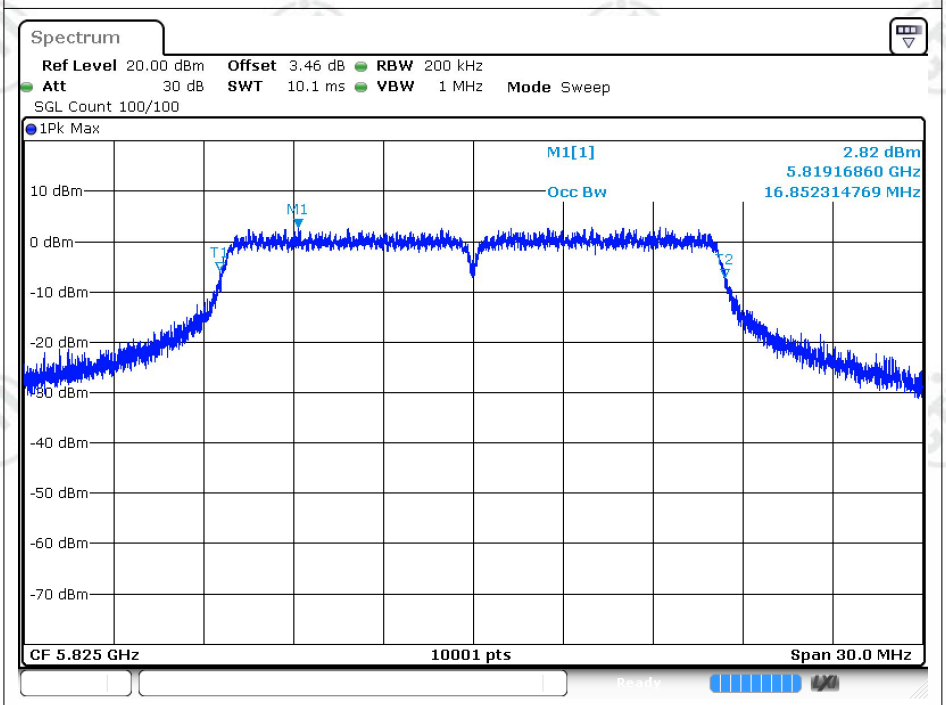
Date: 25.MAR.2025 13:39:36

OBW NVNT a 5785MHz Ant1



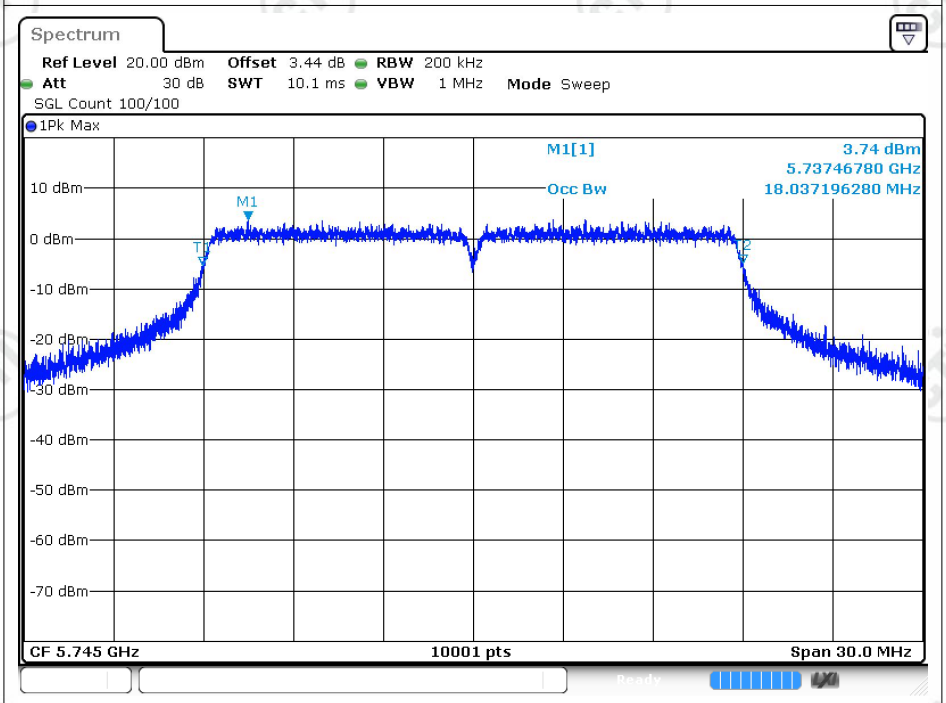
Date: 25.MAR.2025 13:41:58

OBW NVNT a 5825MHz Ant1



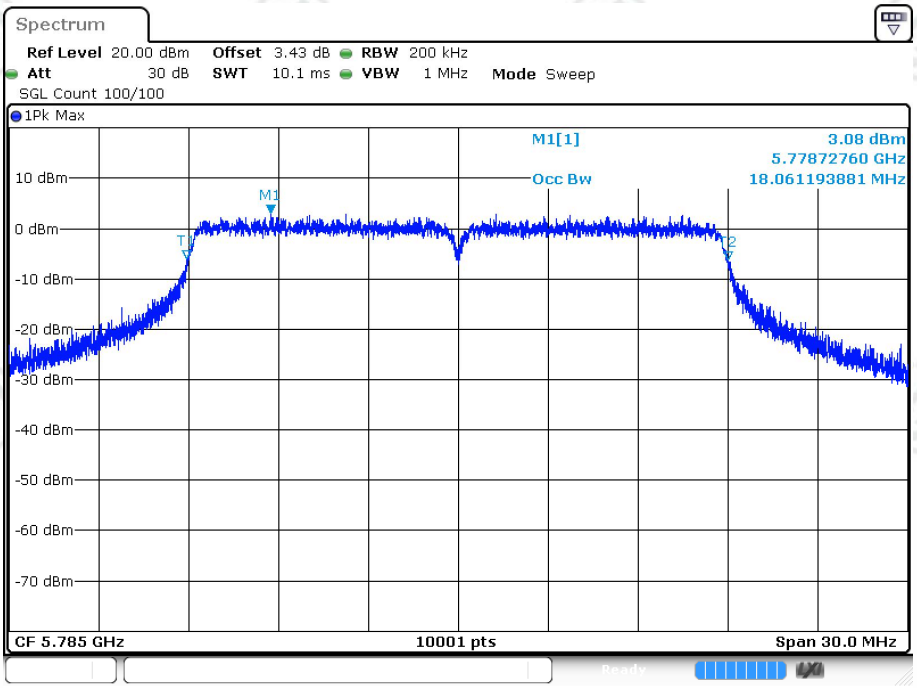
Date: 25.MAR.2025 13:44:31

OBW NVNT n20 5745MHz Ant1



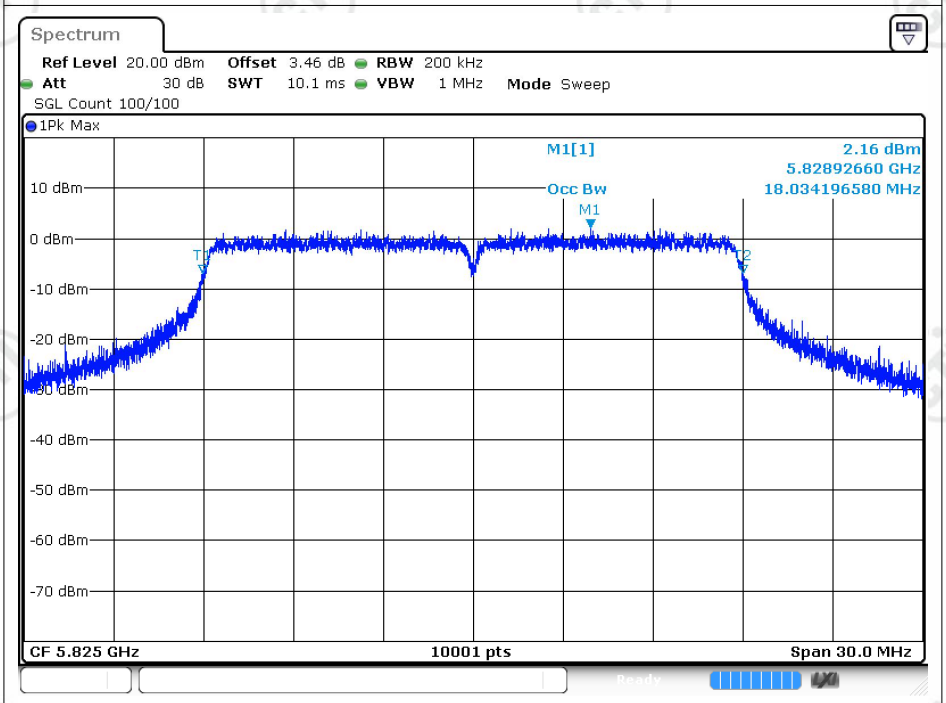
Date: 25.MAR.2025 13:46:57

OBW NVNT n20 5785MHz Ant1



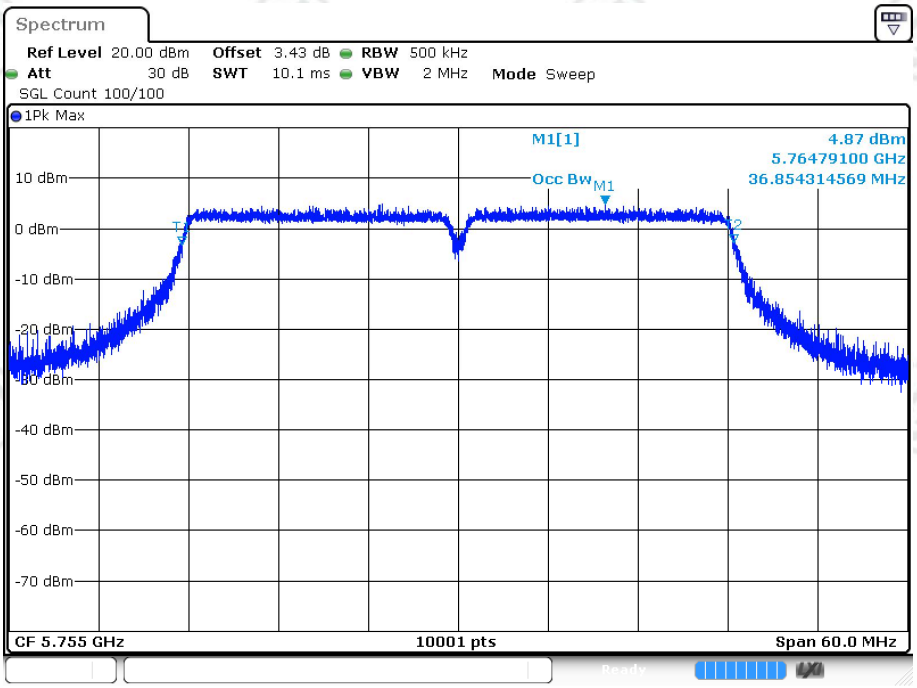
Date: 25.MAR.2025 13:49:05

OBW NVNT n20 5825MHz Ant1



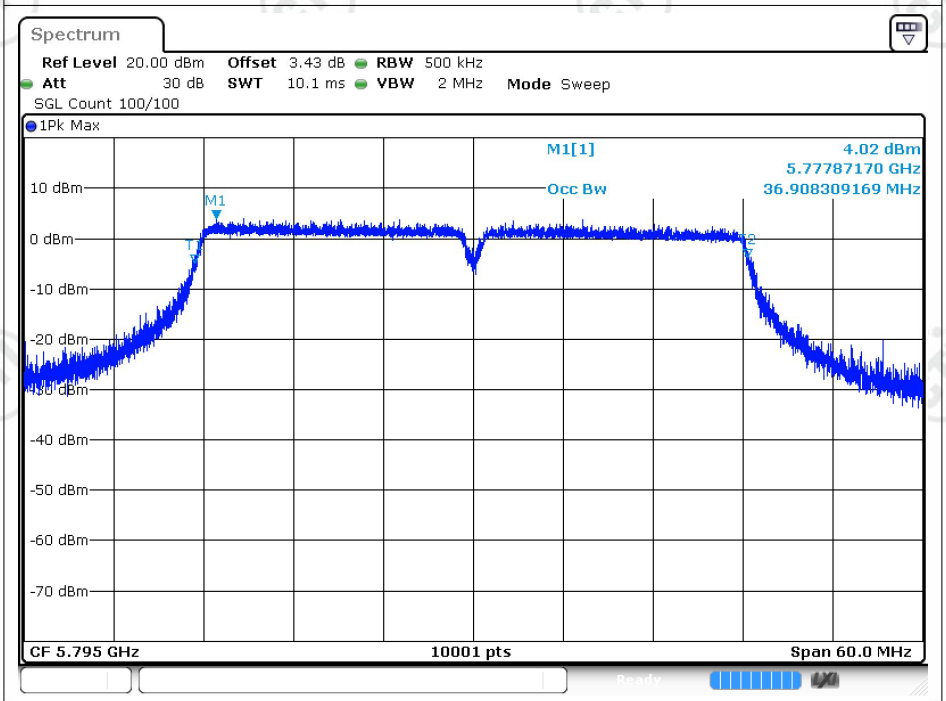
Date: 25.MAR.2025 13:50:16

OBW NVNT n40 5755MHz Ant1



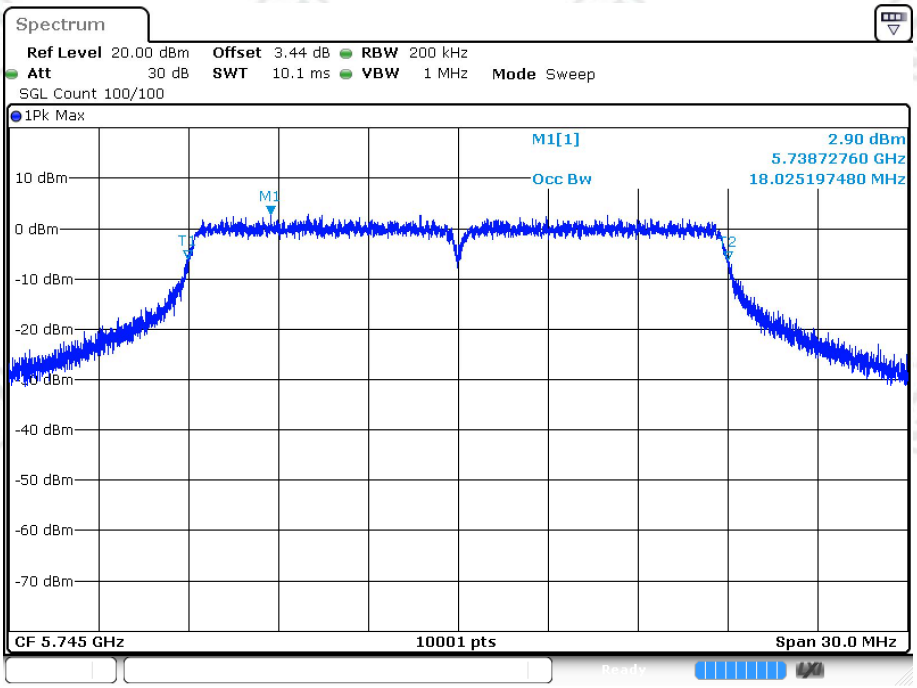
Date: 25.MAR.2025 13:52:45

OBW NVNT n40 5795MHz Ant1



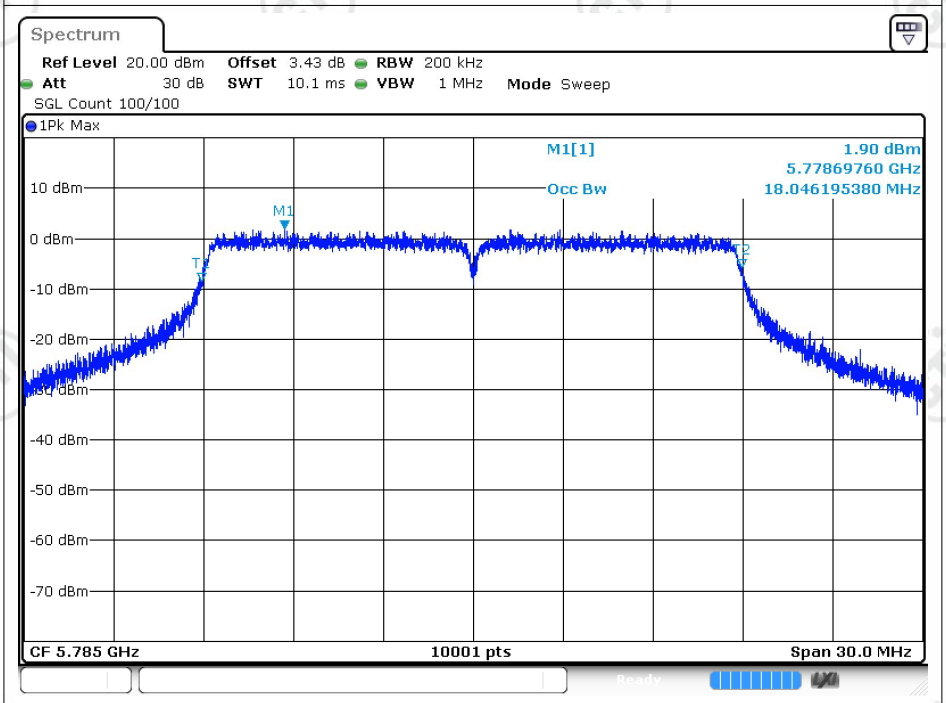
Date: 25.MAR.2025 13:55:46

OBW NVNT ac20 5745MHz Ant1



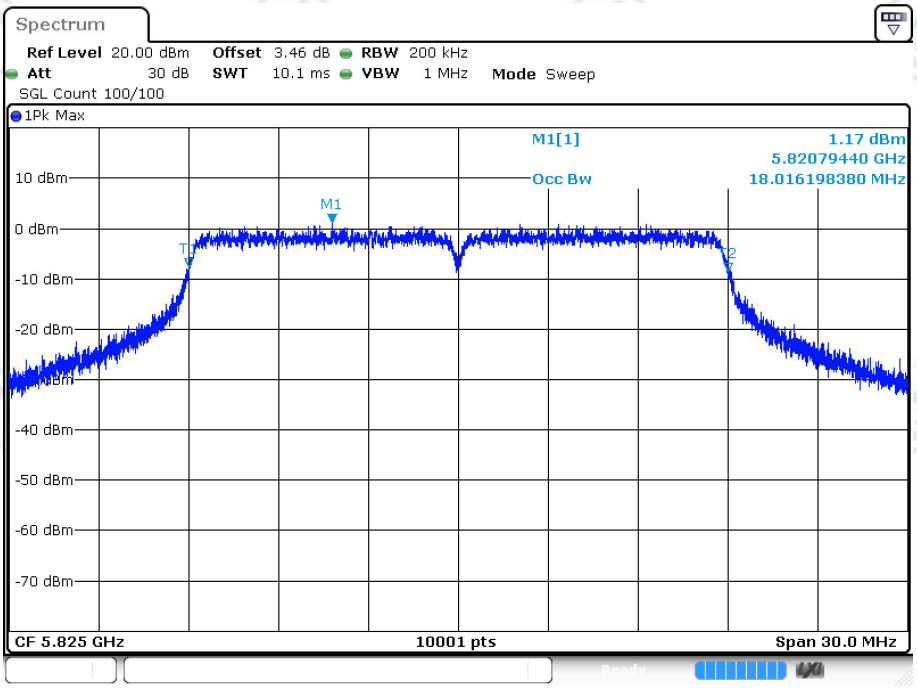
Date: 25.MAR.2025 13:58:15

OBW NVNT ac20 5785MHz Ant1



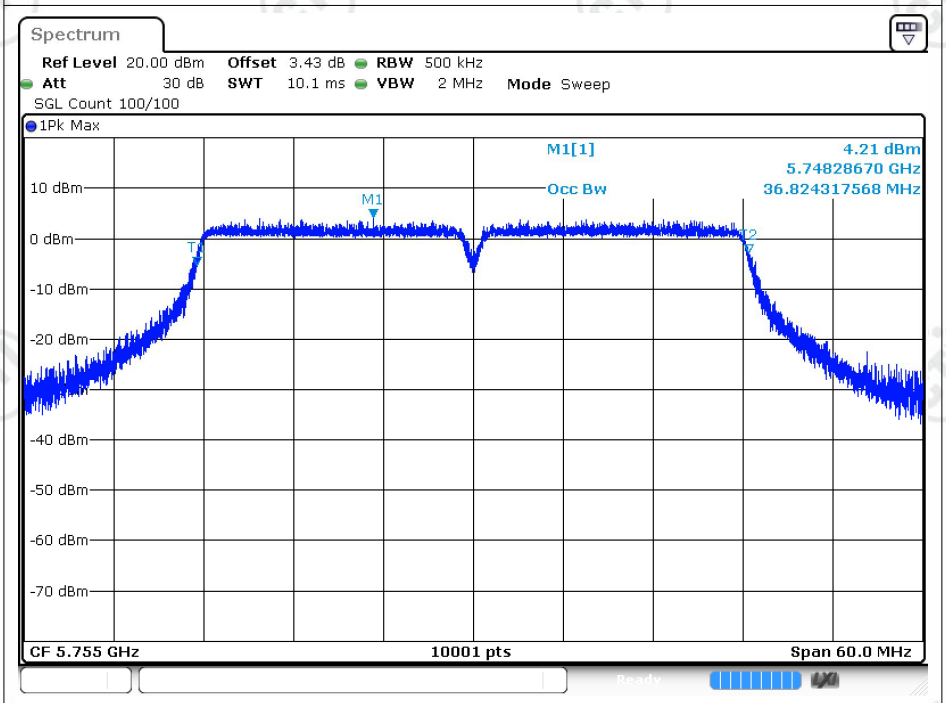
Date: 25.MAR.2025 14:01:29

OBW NVNT ac20 5825MHz Ant1



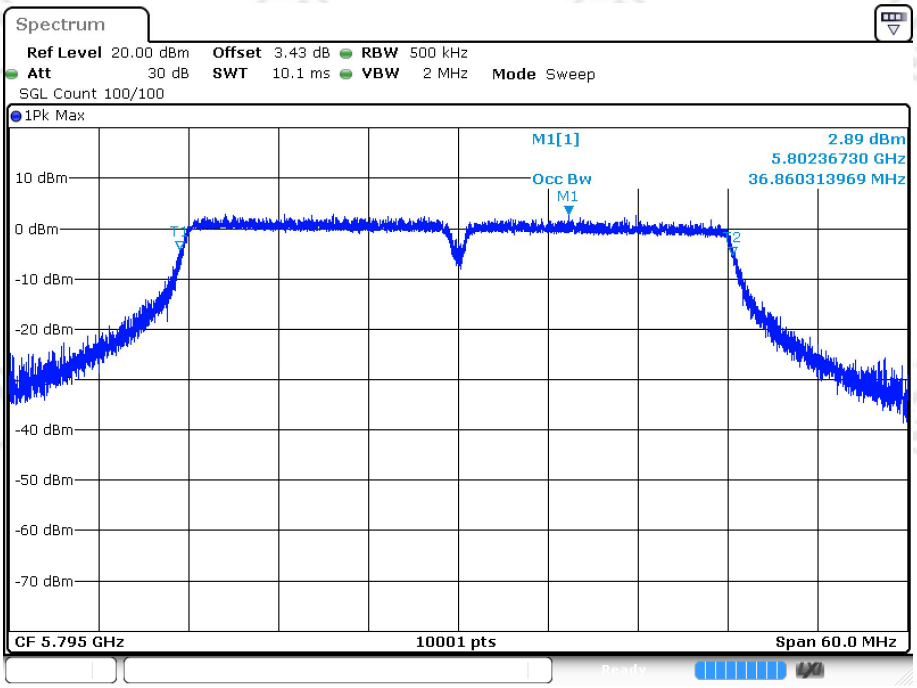
Date: 25.MAR.2025 14:02:57

OBW NVNT ac40 5755MHz Ant1



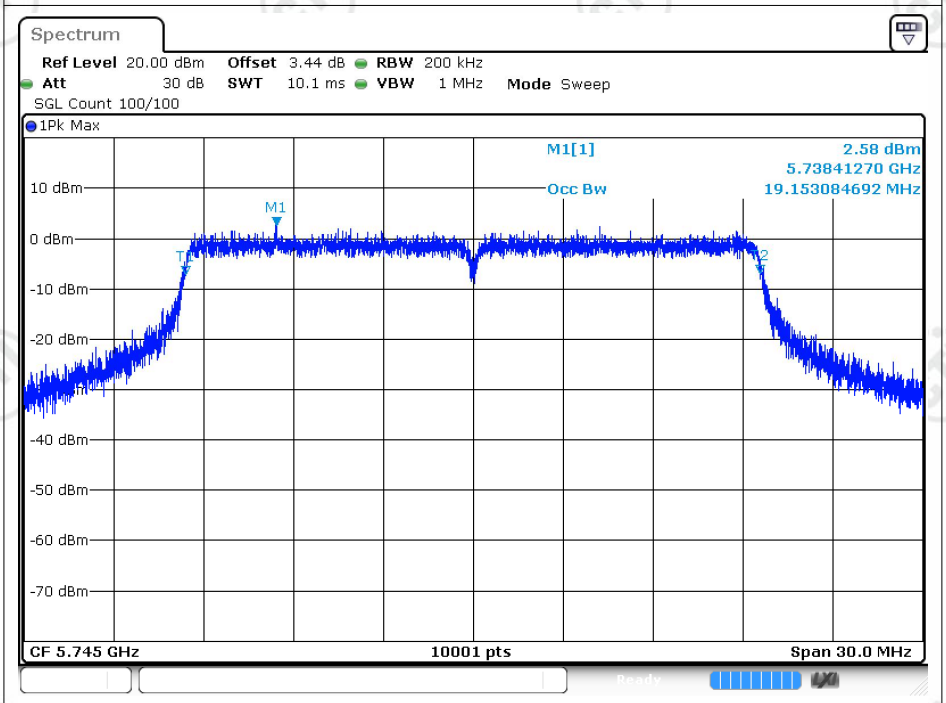
Date: 25.MAR.2025 14:07:05

OBW NVNT ac40 5795MHz Ant1



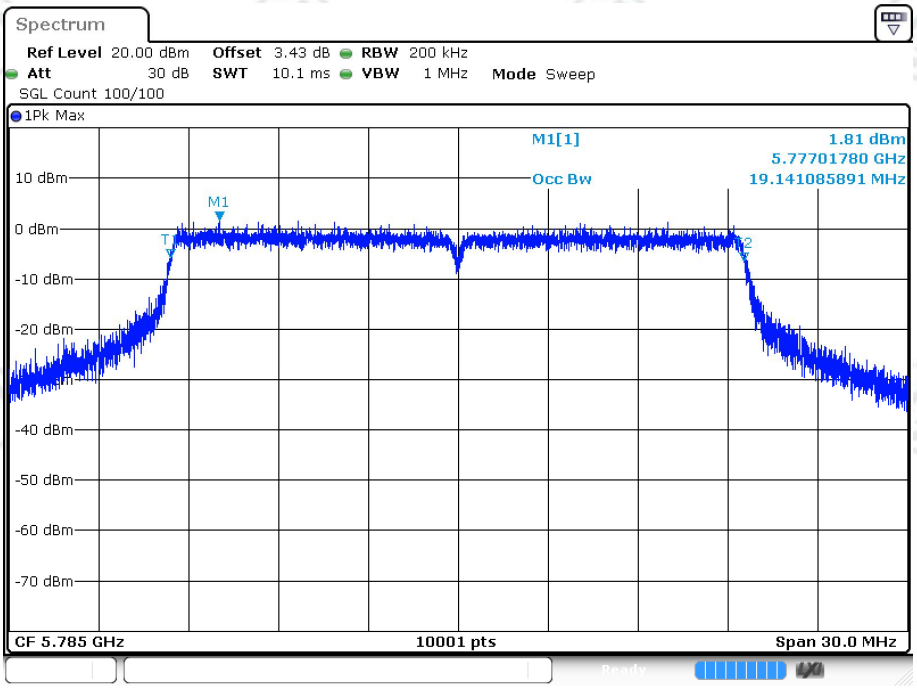
Date: 25.MAR.2025 14:14:48

OBW NVNT ax20 5745MHz Ant1



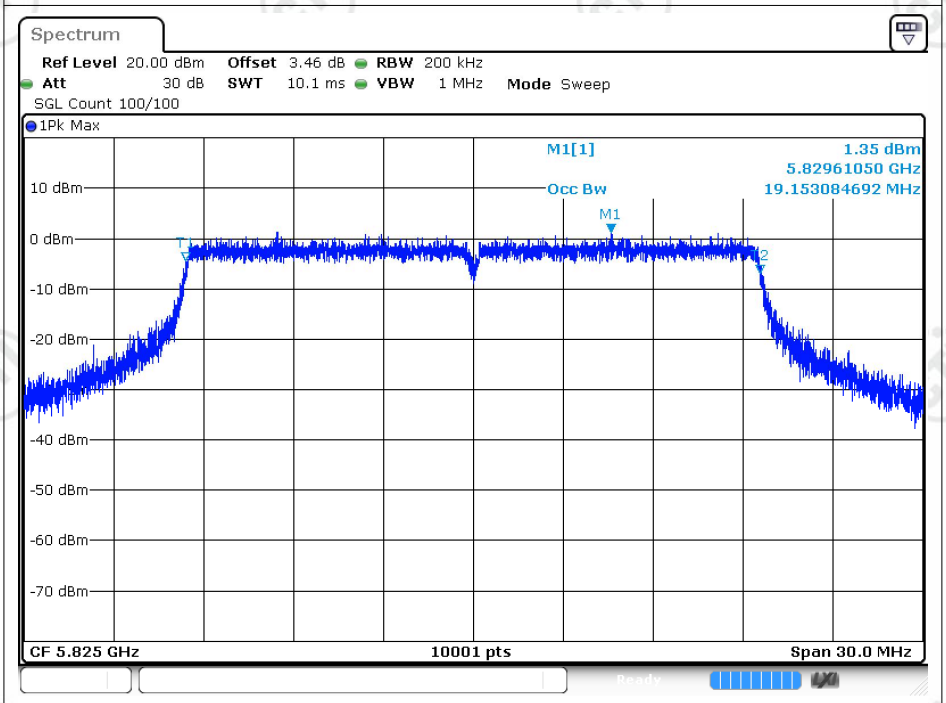
Date: 25.MAR.2025 14:18:00

OBW NVNT ax20 5785MHz Ant1



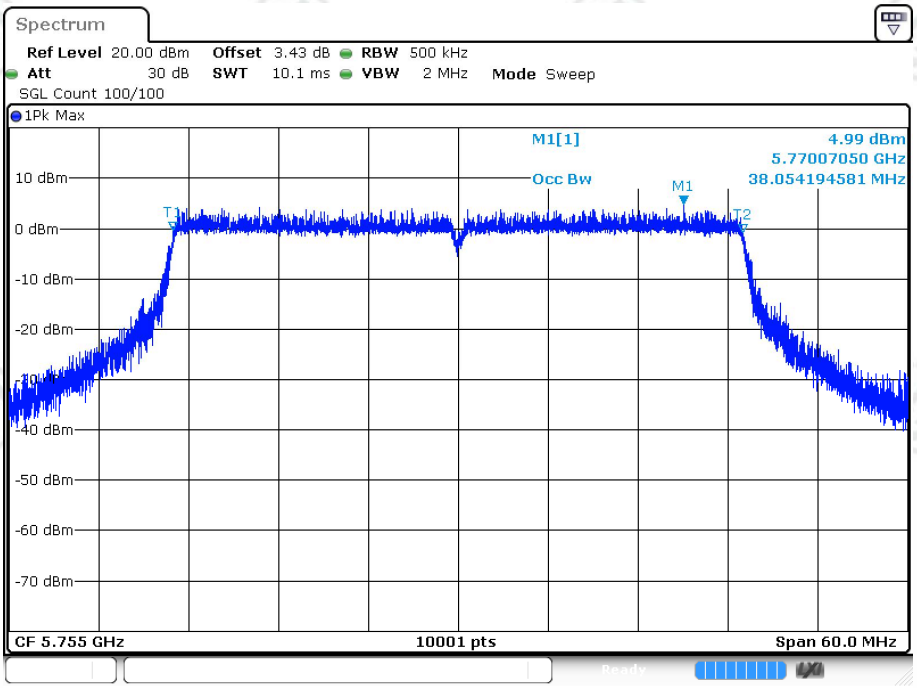
Date: 25.MAR.2025 14:20:03

OBW NVNT ax20 5825MHz Ant1



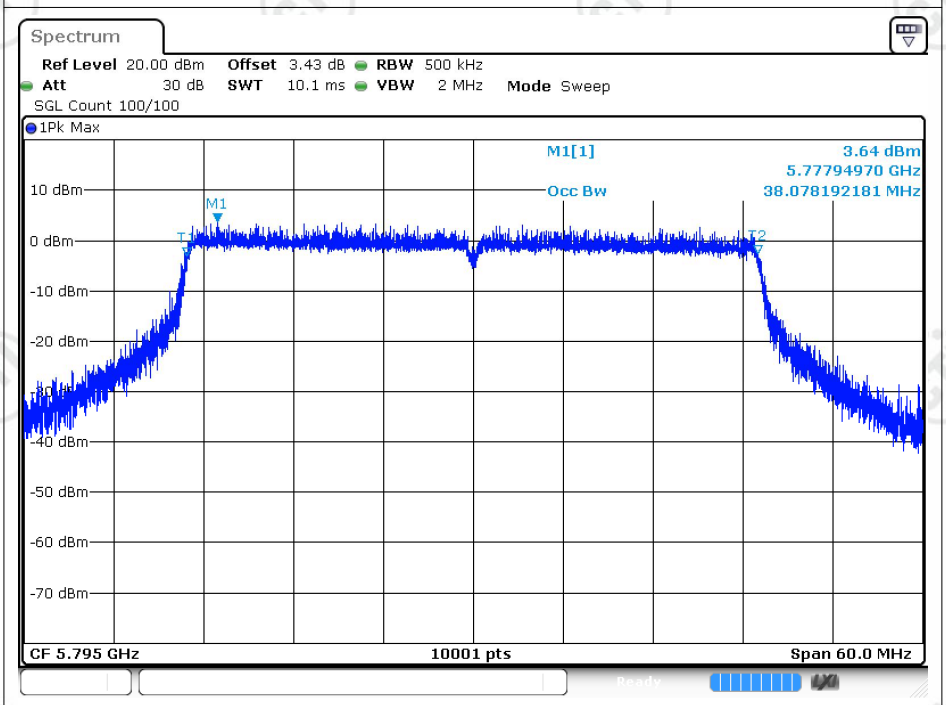
Date: 25.MAR.2025 14:21:26

OBW NVNT ax40 5755MHz Ant1



Date: 25.MAR.2025 14:23:00

OBW NVNT ax40 5795MHz Ant1



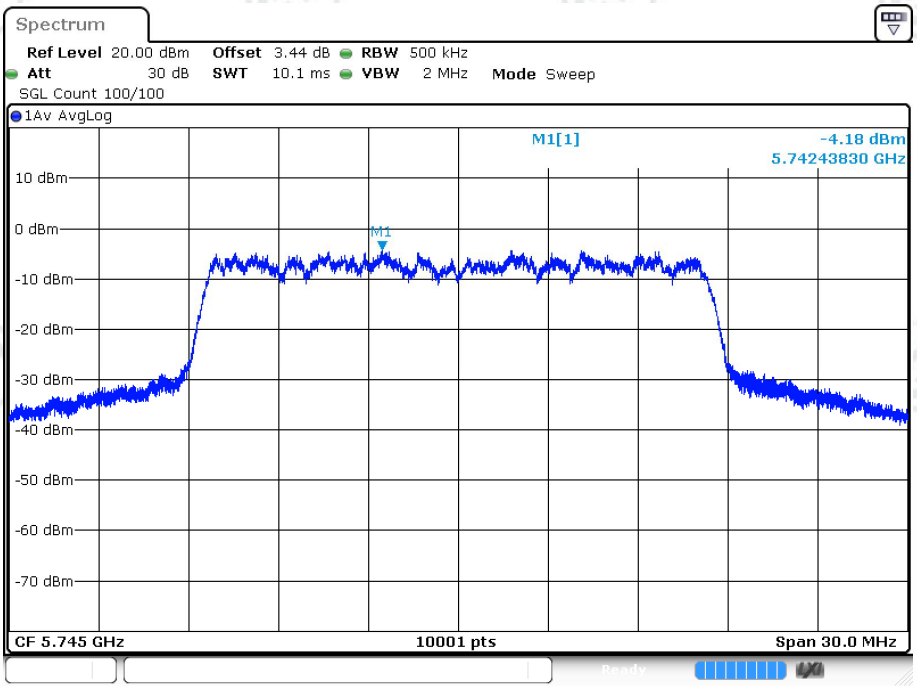
Date: 25.MAR.2025 14:24:55

Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-4.18	0.45	-3.73	30	Pass
NVNT	a	5785	Ant1	-5.67	0.45	-5.22	30	Pass
NVNT	a	5825	Ant1	-3.69	0.41	-3.28	30	Pass
NVNT	n20	5745	Ant1	-1.34	0.11	-1.23	30	Pass
NVNT	n20	5785	Ant1	-2.93	0.09	-2.84	30	Pass
NVNT	n20	5825	Ant1	-3.24	0.2	-3.04	30	Pass
NVNT	n40	5755	Ant1	-4.54	0.21	-4.33	30	Pass
NVNT	n40	5795	Ant1	-6.71	0.13	-6.58	30	Pass
NVNT	ac20	5745	Ant1	-2.44	0.14	-2.3	30	Pass
NVNT	ac20	5785	Ant1	-3.21	0.1	-3.11	30	Pass
NVNT	ac20	5825	Ant1	-4.02	0.12	-3.9	30	Pass
NVNT	ac40	5755	Ant1	-5.77	0.11	-5.66	30	Pass
NVNT	ac40	5795	Ant1	-6.07	0	-6.07	30	Pass
NVNT	ax20	5745	Ant1	-4.71	0.27	-4.44	30	Pass
NVNT	ax20	5785	Ant1	-5.5	0.13	-5.37	30	Pass
NVNT	ax20	5825	Ant1	-5.83	0.18	-5.65	30	Pass
NVNT	ax40	5755	Ant1	-7.8	0	-7.8	30	Pass
NVNT	ax40	5795	Ant1	-8.9	0.2	-8.7	30	Pass

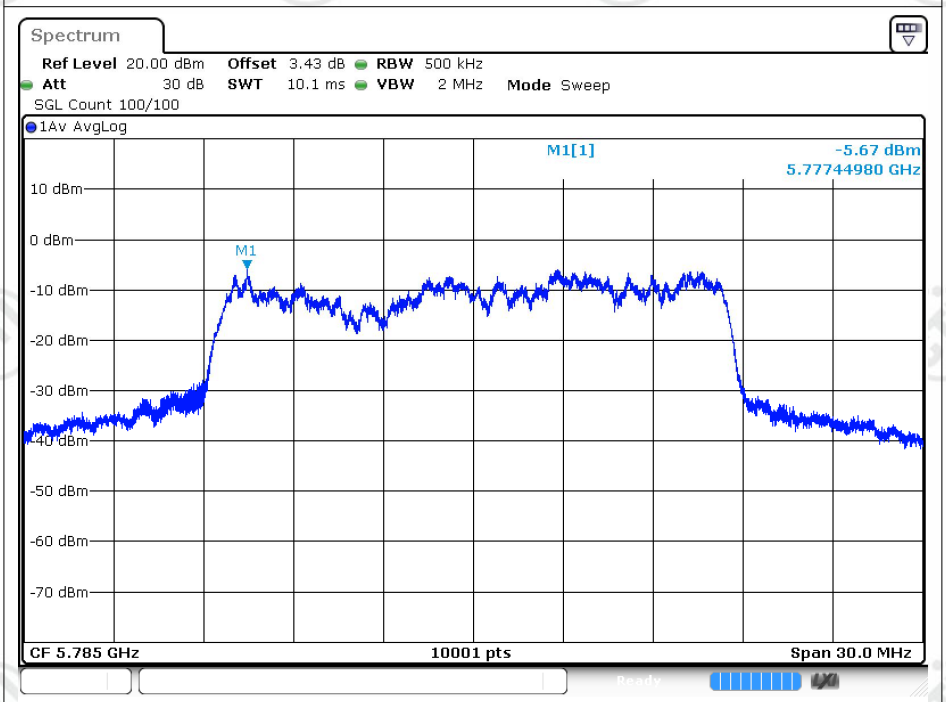
Test Graphs

PSD NVNT a 5745MHz Ant1



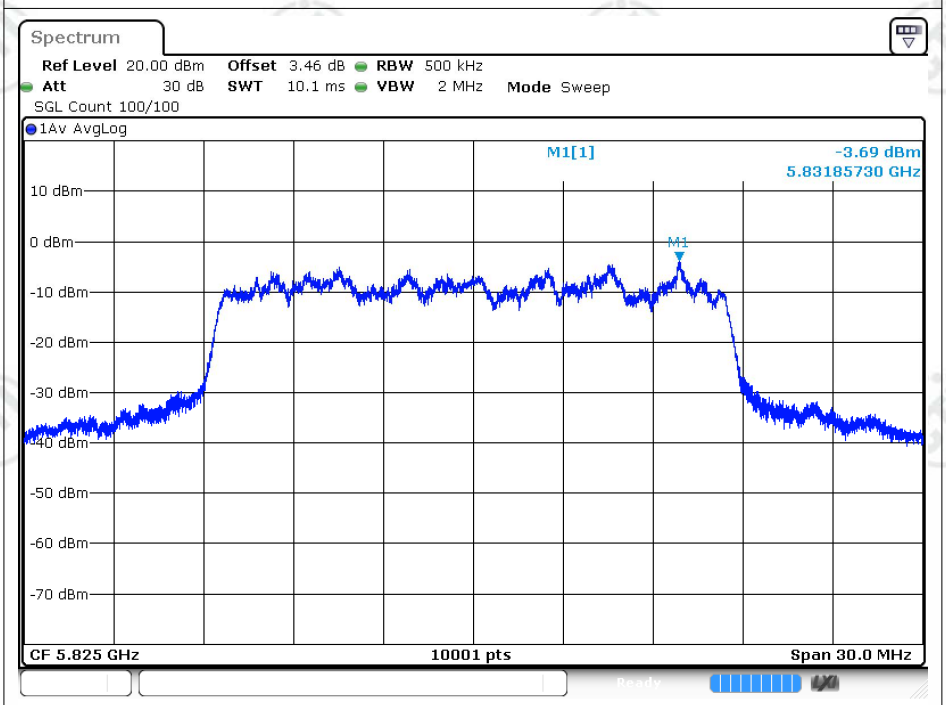
Date: 25.MAR.2025 13:39:51

PSD NVNT a 5785MHz Ant1



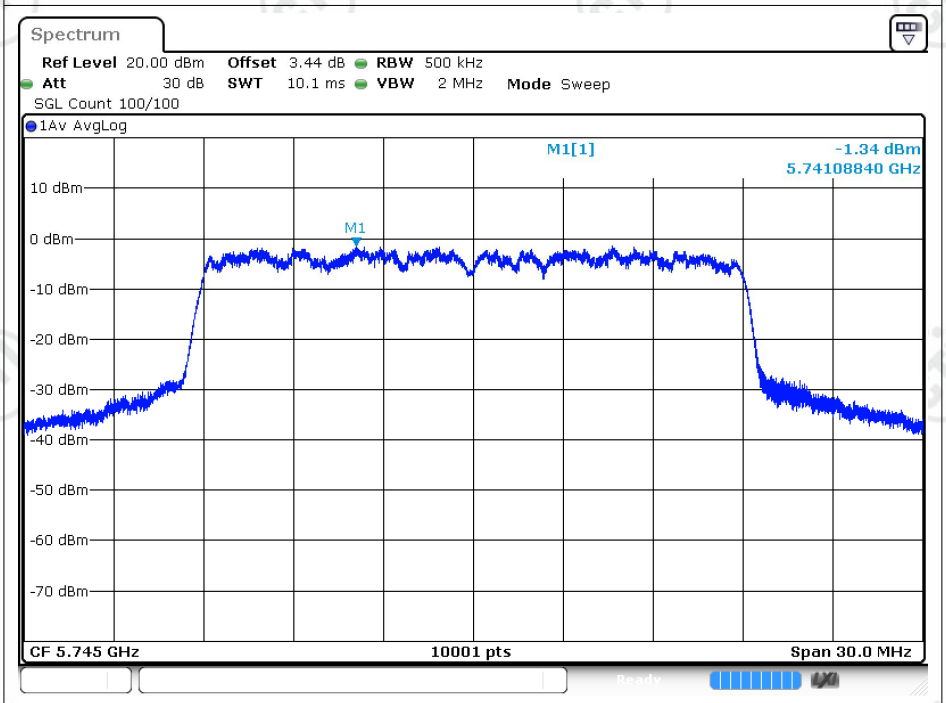
Date: 25.MAR.2025 13:42:17

PSD NVNT a 5825MHz Ant1



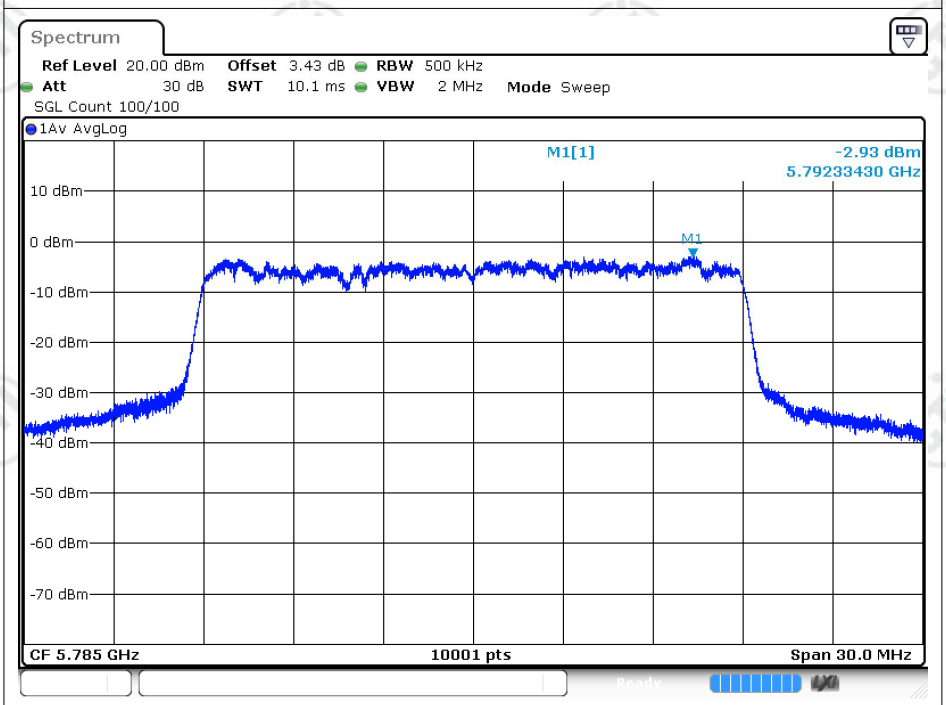
Date: 25.MAR.2025 13:44:49

PSD NVNT n20 5745MHz Ant1



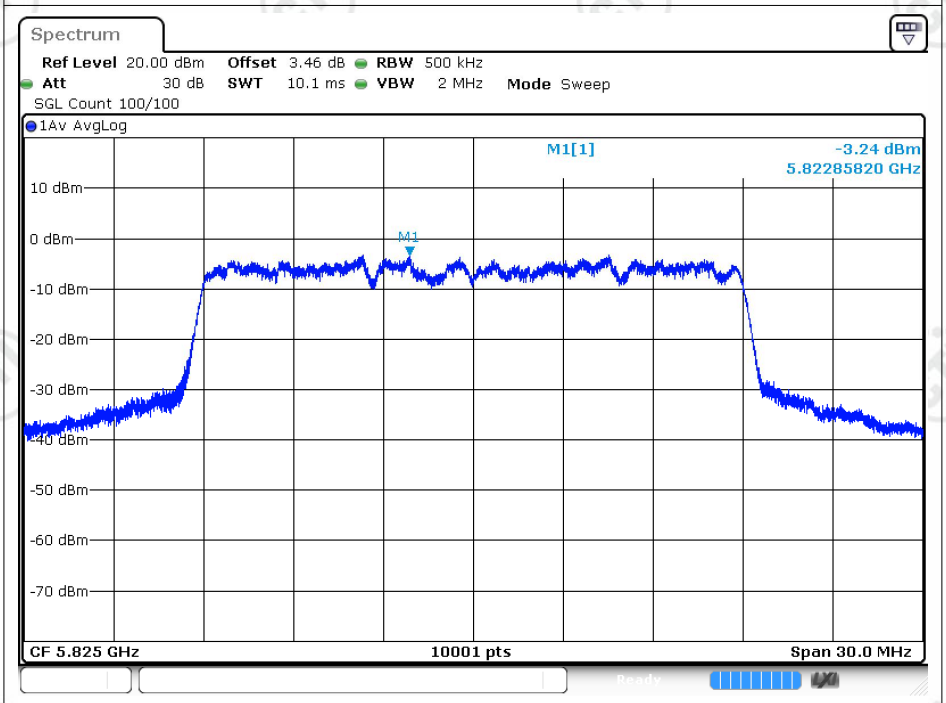
Date: 25.MAR.2025 13:47:18

PSD NVNT n20 5785MHz Ant1



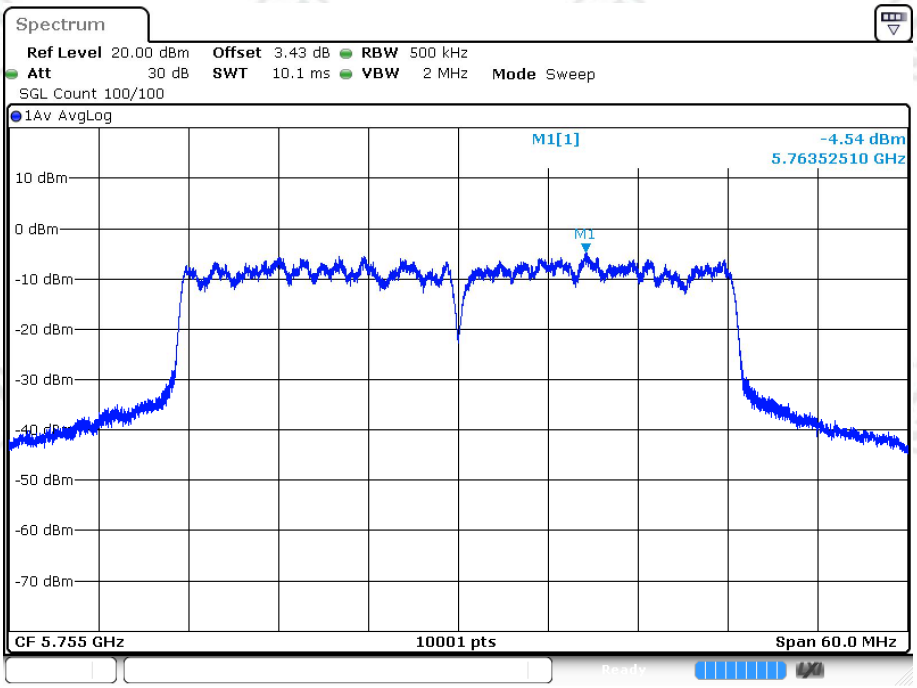
Date: 25.MAR.2025 13:49:23

PSD NVNT n20 5825MHz Ant1



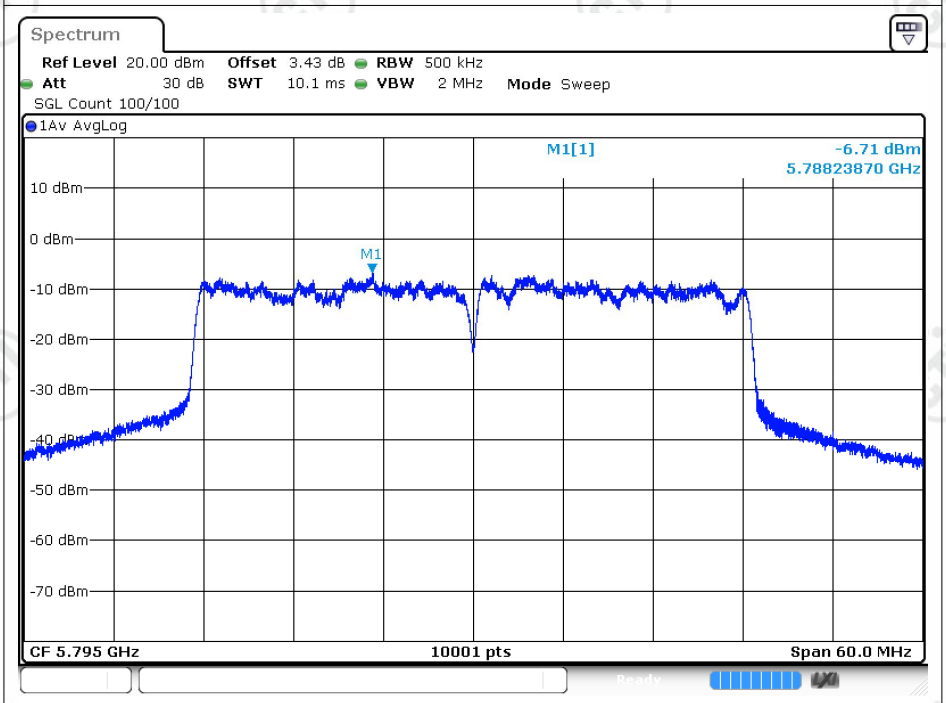
Date: 25.MAR.2025 13:50:30

PSD NVNT n40 5755MHz Ant1



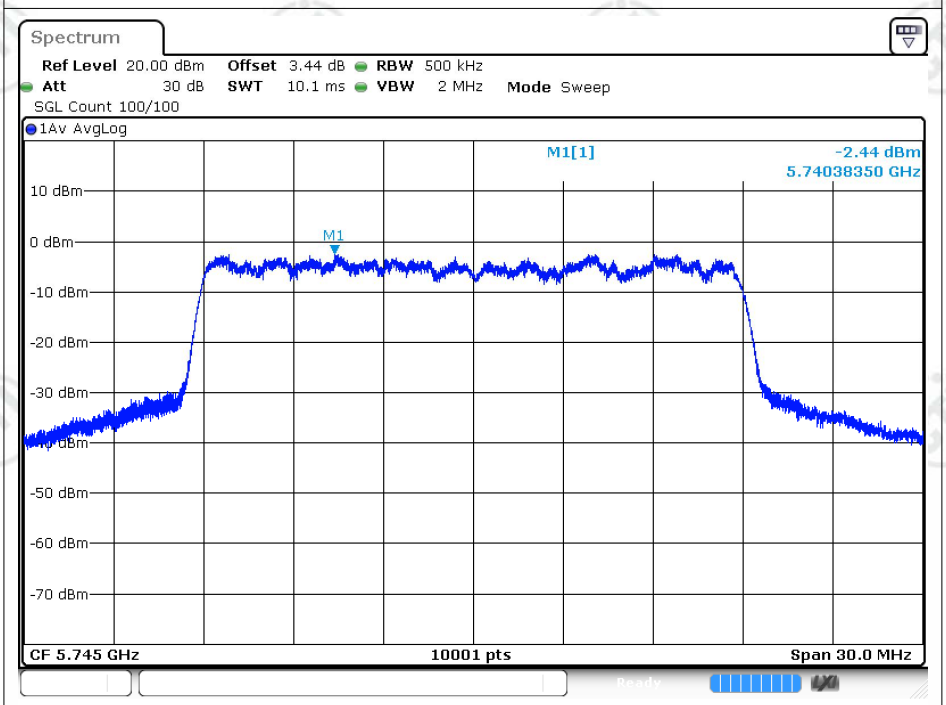
Date: 25.MAR.2025 13:53:05

PSD NVNT n40 5795MHz Ant1



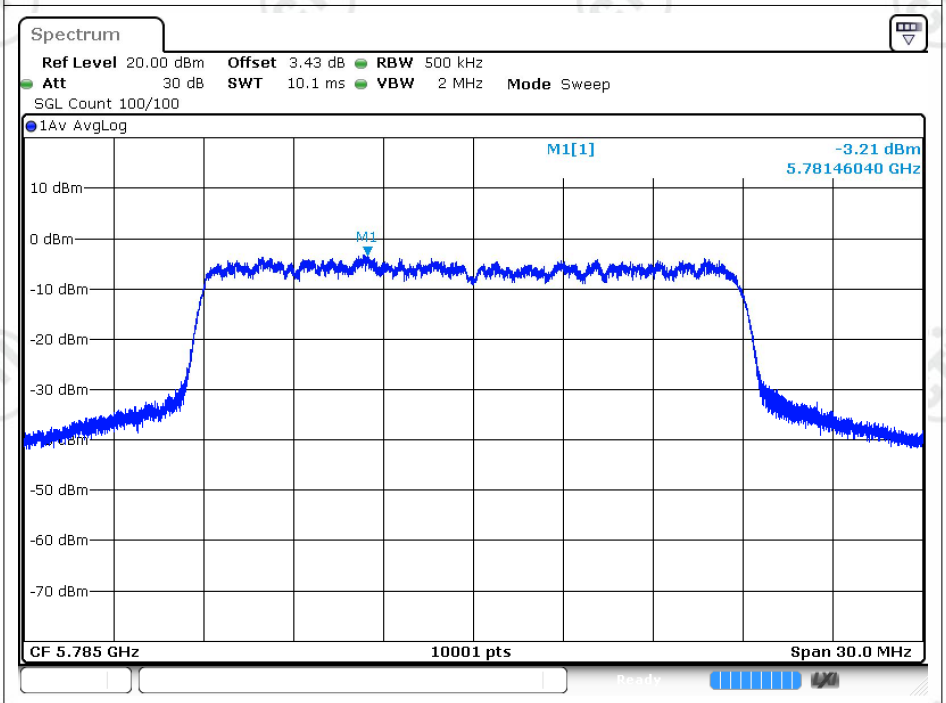
Date: 25.MAR.2025 13:56:06

PSD NVNT ac20 5745MHz Ant1



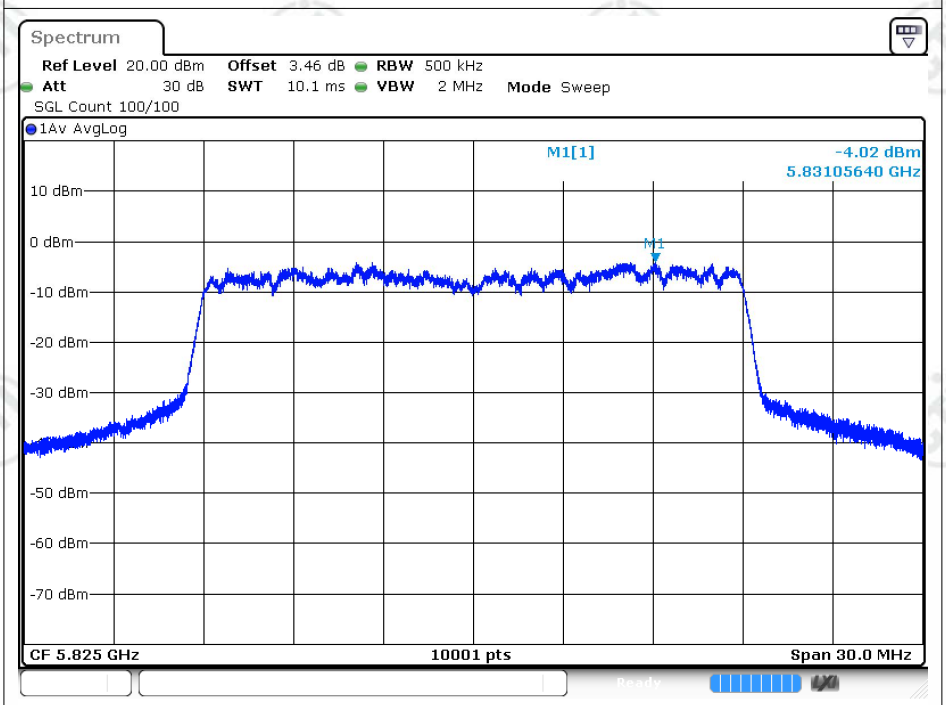
Date: 25.MAR.2025 13:59:10

PSD NVNT ac20 5785MHz Ant1



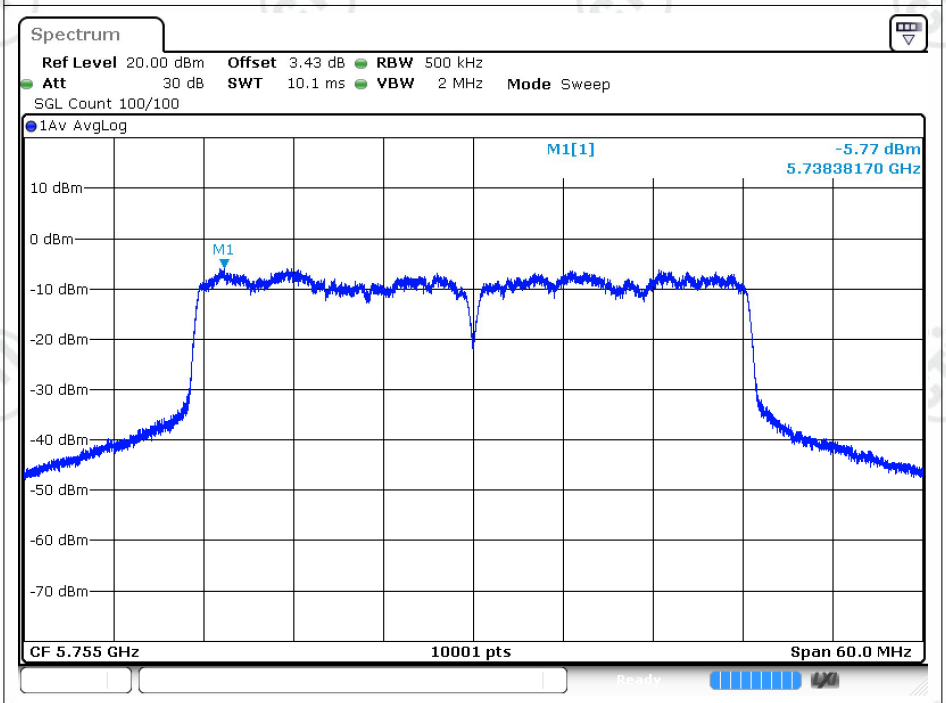
Date: 25.MAR.2025 14:01:44

PSD NVNT ac20 5825MHz Ant1



Date: 25.MAR.2025 14:03:36

PSD NVNT ac40 5755MHz Ant1



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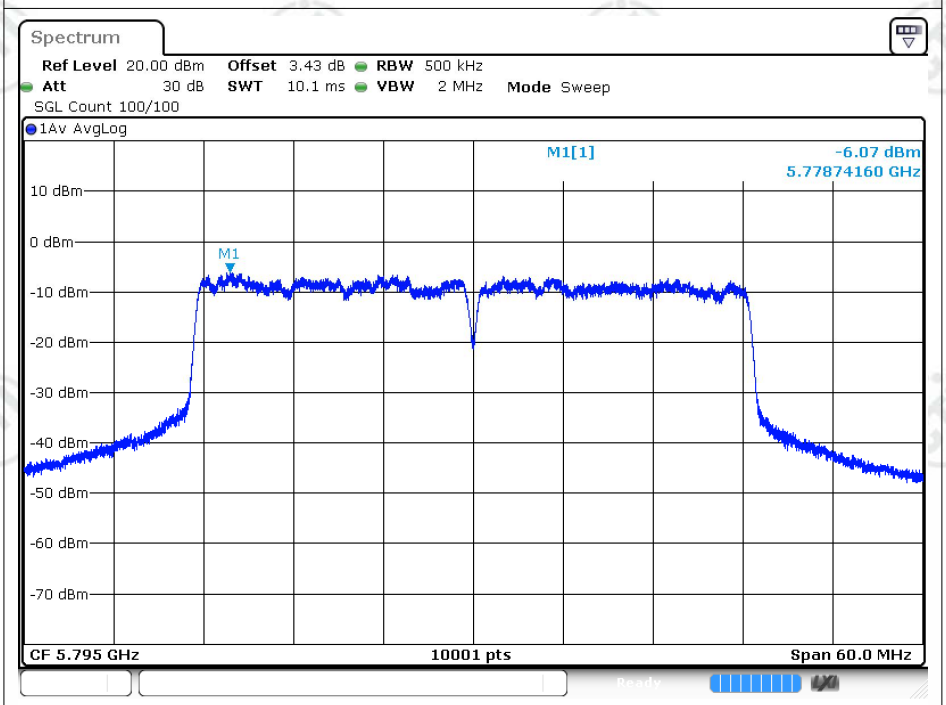
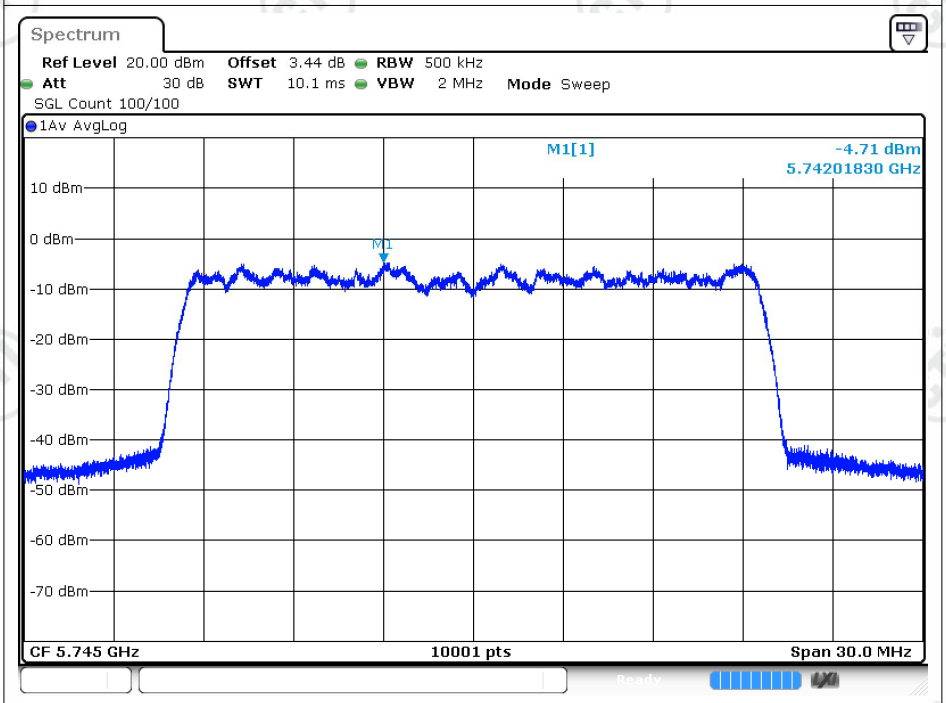
PSD NVNT ac40 5795MHz Ant1



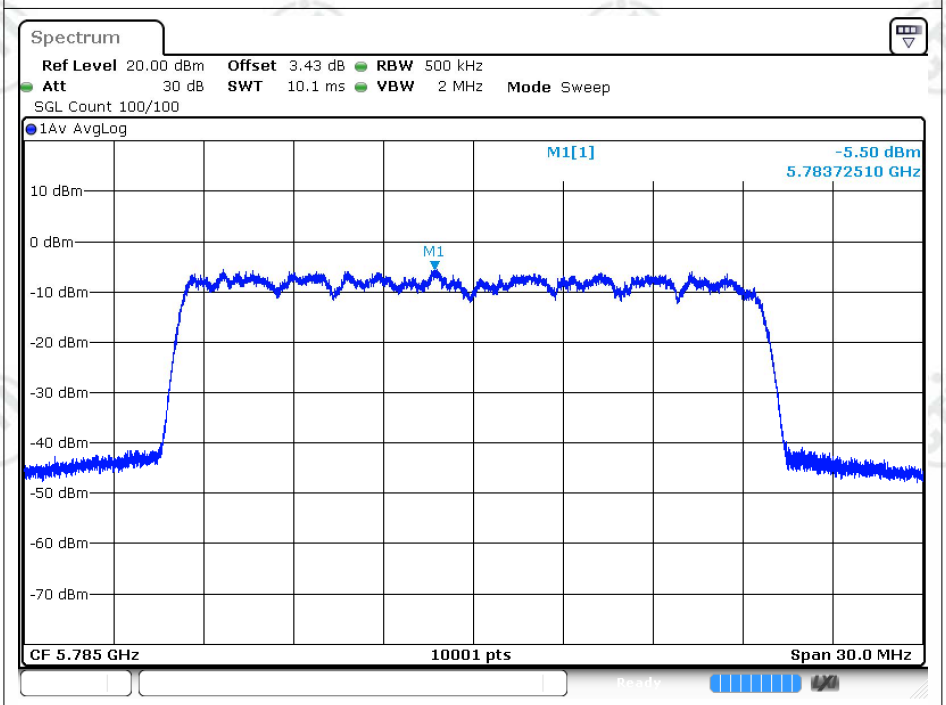
Date: 25.MAR.2025 14:15:08

PSD NVNT ax20 5745MHz Ant1



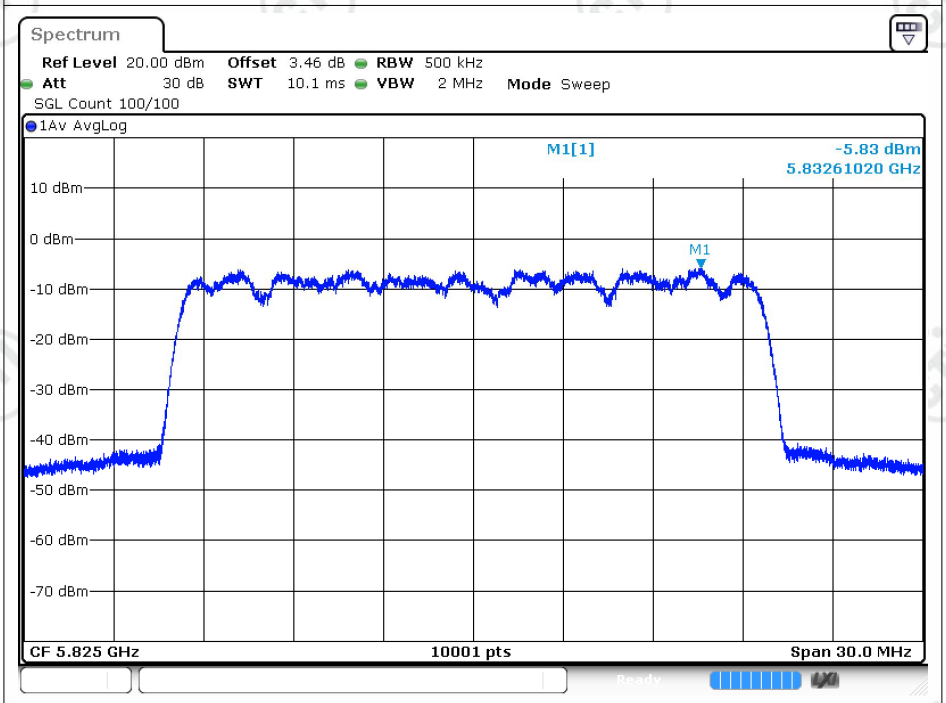
Date: 25.MAR.2025 14:18:13

PSD NVNT ax20 5785MHz Ant1



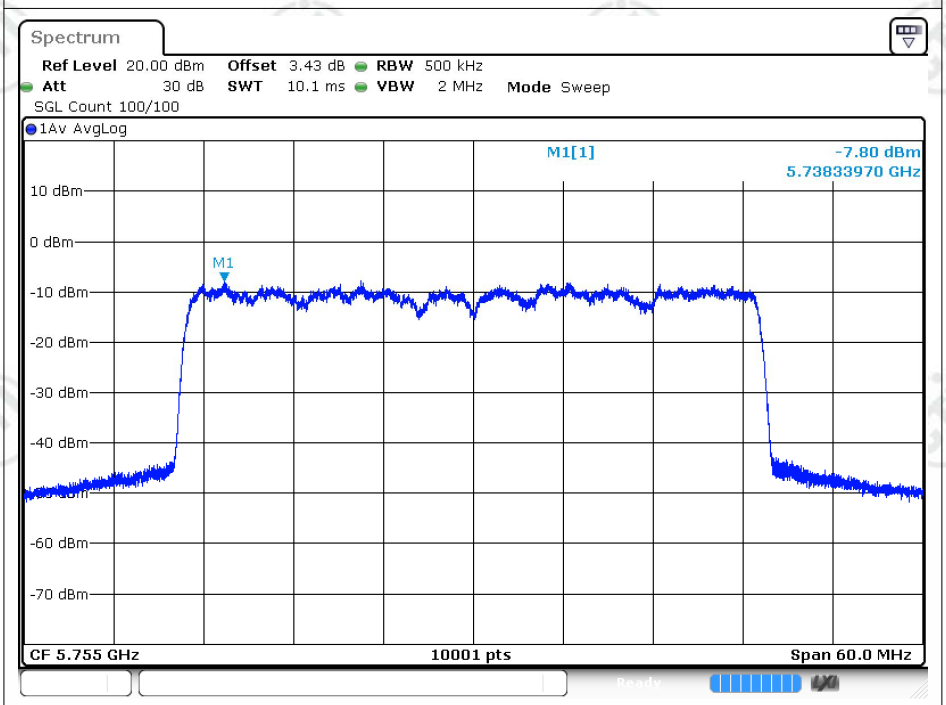
Date: 25.MAR.2025 14:20:26

PSD NVNT ax20 5825MHz Ant1



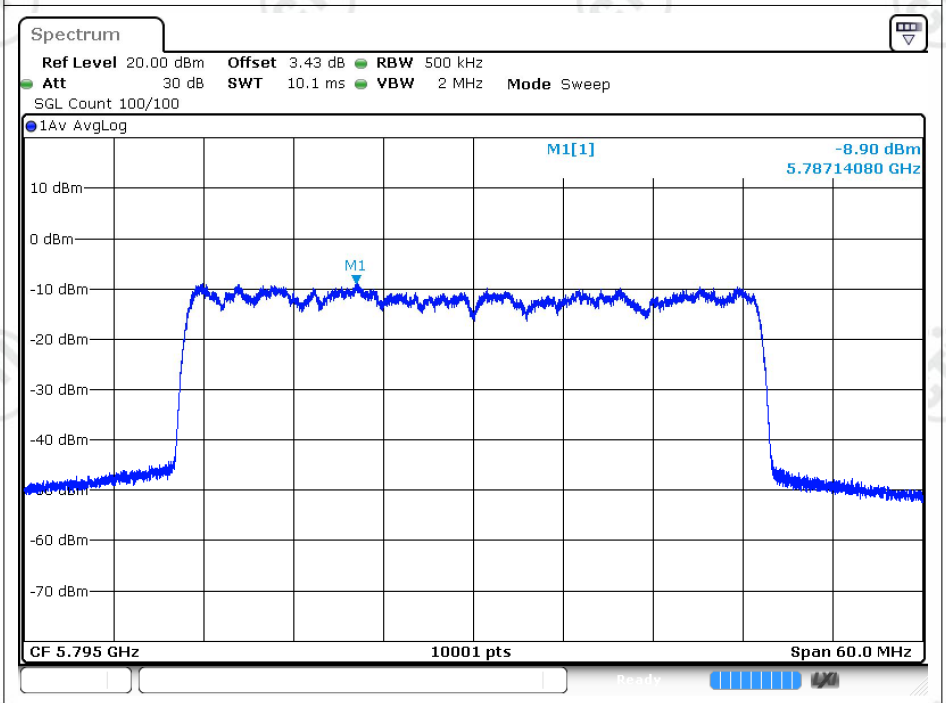
Date: 25.MAR.2025 14:21:41

PSD NVNT ax40 5755MHz Ant1



Date: 25.MAR.2025 14:23:14

PSD NVNT ax40 5795MHz Ant1



Date: 25.MAR.2025 14:25:13

Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 102V	a	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 120V	a	5745	Ant1	5744.98	-20000	-3.48	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	5744.96	-40000	-6.96	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	5744.98	-20000	-3.48	25	Pass
40C 120V	a	5745	Ant1	5745	0	0	25	Pass
50C 120V	a	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 102V	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 120V	a	5825	Ant1	5825	0	0	25	Pass
20C 138V	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass
-20C 120V	a	5825	Ant1	5824.96	-40000	-6.87	25	Pass
-10C 120V	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass
0C 120V	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass
10C 120V	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass
30C 120V	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass
40C 120V	a	5825	Ant1	5825	0	0	25	Pass
50C 120V	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 102V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 120V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 138V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
-20C 120V	n20	5745	Ant1	5745	0	0	25	Pass
-10C 120V	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
0C 120V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
10C 120V	n20	5745	Ant1	5745	0	0	25	Pass
30C 120V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
40C 120V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
50C 120V	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 102V	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 120V	n20	5825	Ant1	5825	0	0	25	Pass
20C 138V	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
-20C 120V	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
-10C 120V	n20	5825	Ant1	5825	0	0	25	Pass
0C 120V	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
10C 120V	n20	5825	Ant1	5824.94	-60000	-10.3	25	Pass

30C 120V	n20	5825	Ant1	5825	0	0	25	Pass
40C 120V	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
50C 120V	n20	5825	Ant1	5824.98	-20000	-3.43	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
-20C 120V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
-10C 120V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
0C 120V	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
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	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 120V	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 138V	ac20	5745	Ant1	5744.96	-40000	-6.96	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	5744.98	-20000	-3.48	25	Pass
30C 120V	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
40C 120V	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
50C 120V	ac20	5745	Ant1	5744.98	-20000	-3.48	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	5824.98	-20000	-3.43	25	Pass
-20C 120V	ac20	5825	Ant1	5825	0	0	25	Pass
-10C 120V	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
0C 120V	ac20	5825	Ant1	5824.98	-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	5825	0	0	25	Pass

50C 120V	ac20	5825	Ant1	5824.96	-40000	-6.87	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	5754.96	-40000	-6.95	25	Pass
-20C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
-10C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
0C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
10C 120V	ac40	5755	Ant1	5754.96	-40000	-6.95	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	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	5794.96	-40000	-6.9	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	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 120V	ax20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 138V	ax20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
-20C 120V	ax20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
-10C 120V	ax20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
0C 120V	ax20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
10C 120V	ax20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
30C 120V	ax20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
40C 120V	ax20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
50C 120V	ax20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 102V	ax20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 120V	ax20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 138V	ax20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
-20C 120V	ax20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
-10C 120V	ax20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
0C 120V	ax20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
10C 120V	ax20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
30C 120V	ax20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
40C 120V	ax20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
50C 120V	ax20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 102V	ax40	5755	Ant1	5755	0	0	25	Pass

20C 120V	ax40	5755	Ant1	5755	0	0	25	Pass
20C 138V	ax40	5755	Ant1	5755	0	0	25	Pass
-20C 120V	ax40	5755	Ant1	5755	0	0	25	Pass
-10C 120V	ax40	5755	Ant1	5755	0	0	25	Pass
0C 120V	ax40	5755	Ant1	5755	0	0	25	Pass
10C 120V	ax40	5755	Ant1	5755	0	0	25	Pass
30C 120V	ax40	5755	Ant1	5755	0	0	25	Pass
40C 120V	ax40	5755	Ant1	5755	0	0	25	Pass
50C 120V	ax40	5755	Ant1	5755	0	0	25	Pass
20C 102V	ax40	5795	Ant1	5795	0	0	25	Pass
20C 120V	ax40	5795	Ant1	5795	0	0	25	Pass
20C 138V	ax40	5795	Ant1	5795	0	0	25	Pass
-20C 120V	ax40	5795	Ant1	5795	0	0	25	Pass
-10C 120V	ax40	5795	Ant1	5795	0	0	25	Pass
0C 120V	ax40	5795	Ant1	5795	0	0	25	Pass
10C 120V	ax40	5795	Ant1	5795	0	0	25	Pass
30C 120V	ax40	5795	Ant1	5795	0	0	25	Pass
40C 120V	ax40	5795	Ant1	5795	0	0	25	Pass
50C 120V	ax40	5795	Ant1	5795	0	0	25	Pass

*** End of Report ***