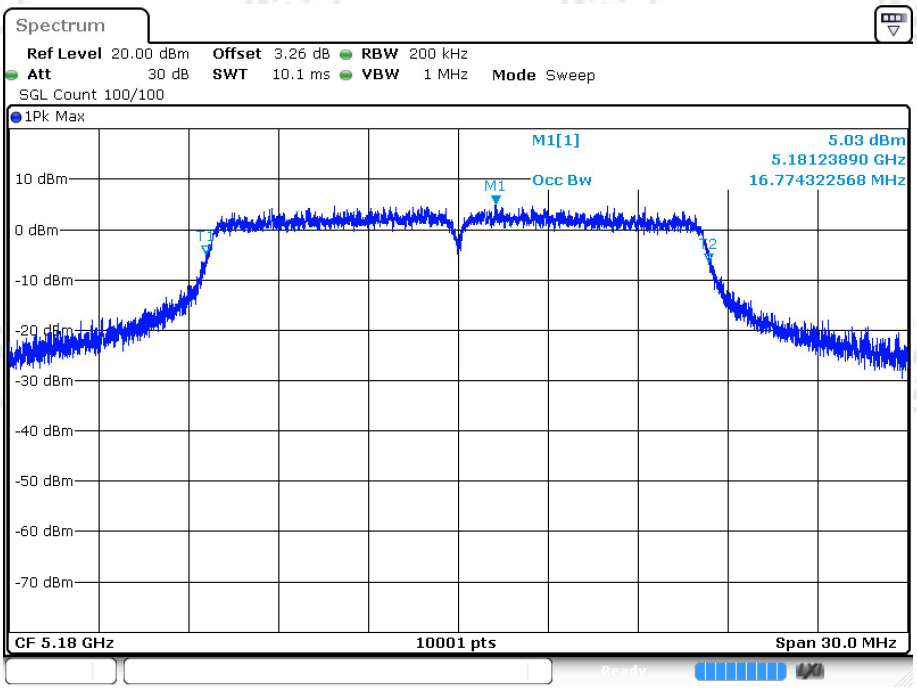
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	16.774
NVNT	a	5200	Ant1	16.78
NVNT	a	5240	Ant1	16.858
NVNT	n20	5180	Ant1	17.926
NVNT	n20	5200	Ant1	17.911
NVNT	n20	5240	Ant1	17.917
NVNT	n40	5190	Ant1	36.638
NVNT	n40	5230	Ant1	36.608
NVNT	ac20	5180	Ant1	17.917
NVNT	ac20	5200	Ant1	17.887
NVNT	ac20	5240	Ant1	17.905
NVNT	ac40	5190	Ant1	36.626
NVNT	ac40	5230	Ant1	36.596
NVNT	ax20	5180	Ant1	19.045
NVNT	ax20	5200	Ant1	19.054
NVNT	ax20	5240	Ant1	19.066
NVNT	ax40	5190	Ant1	37.964
NVNT	ax40	5230	Ant1	37.952

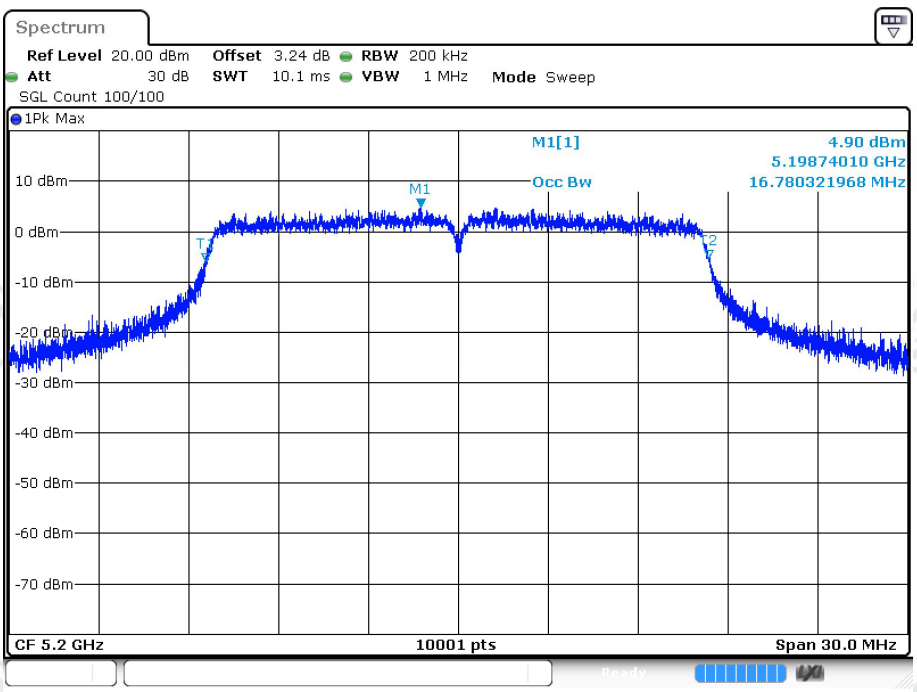
Test Graphs

OBW NVNT a 5180MHz Ant1



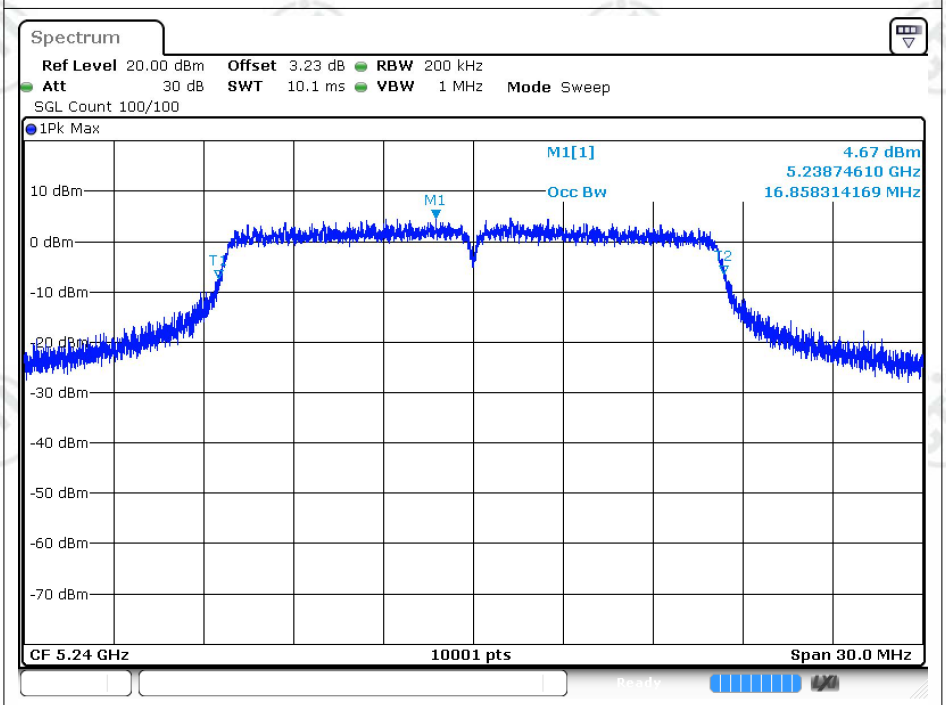
Date: 25.MAR.2025 12:58:41

OBW NVNT a 5200MHz Ant1



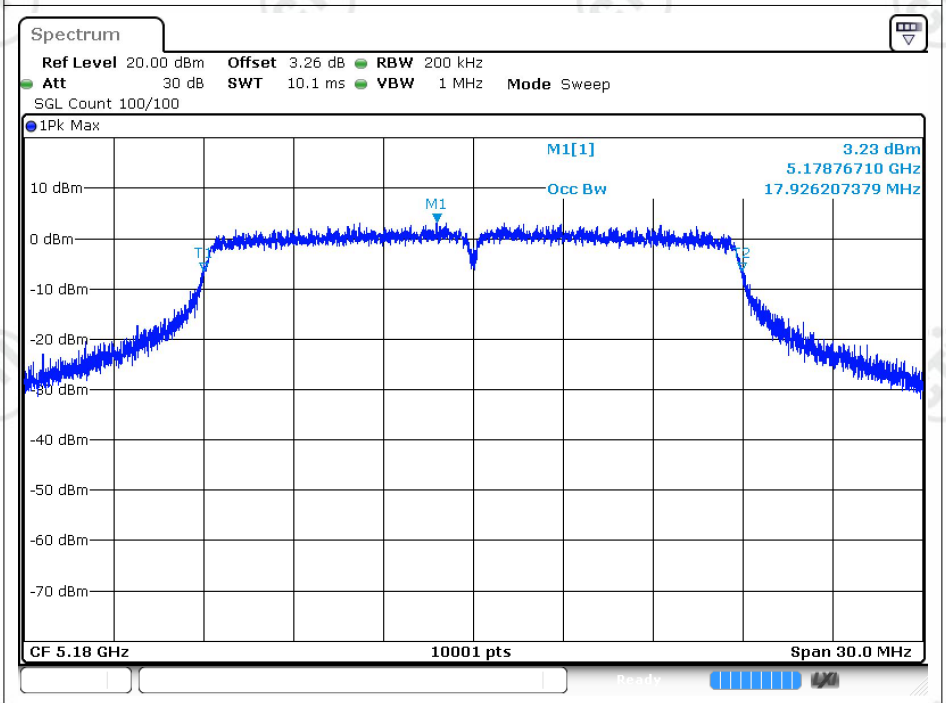
Date: 25.MAR.2025 13:00:11

OBW NVNT a 5240MHz Ant1



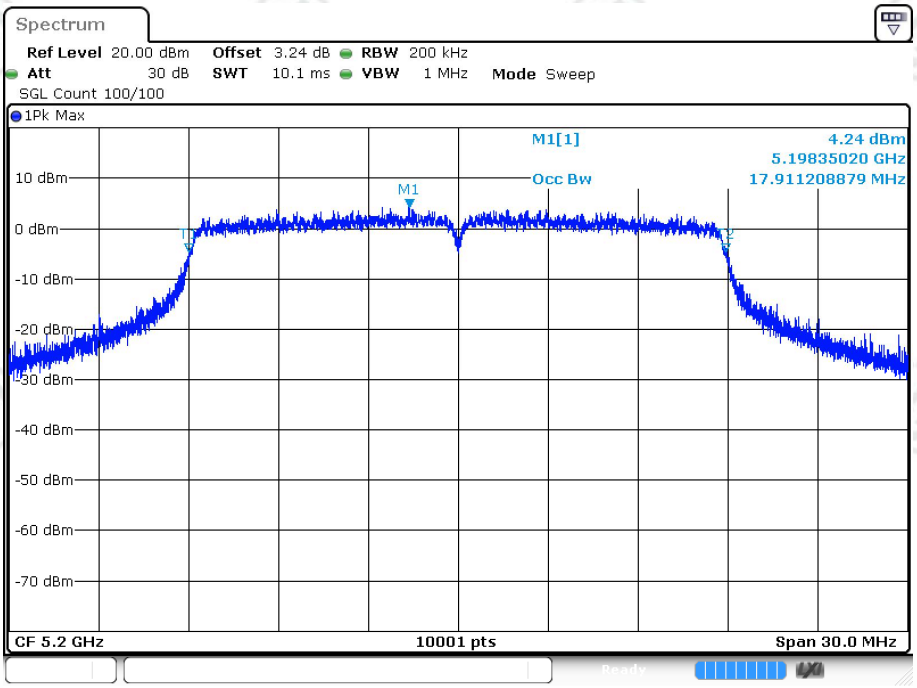
Date: 25.MAR.2025 13:01:18

OBW NVNT n20 5180MHz Ant1



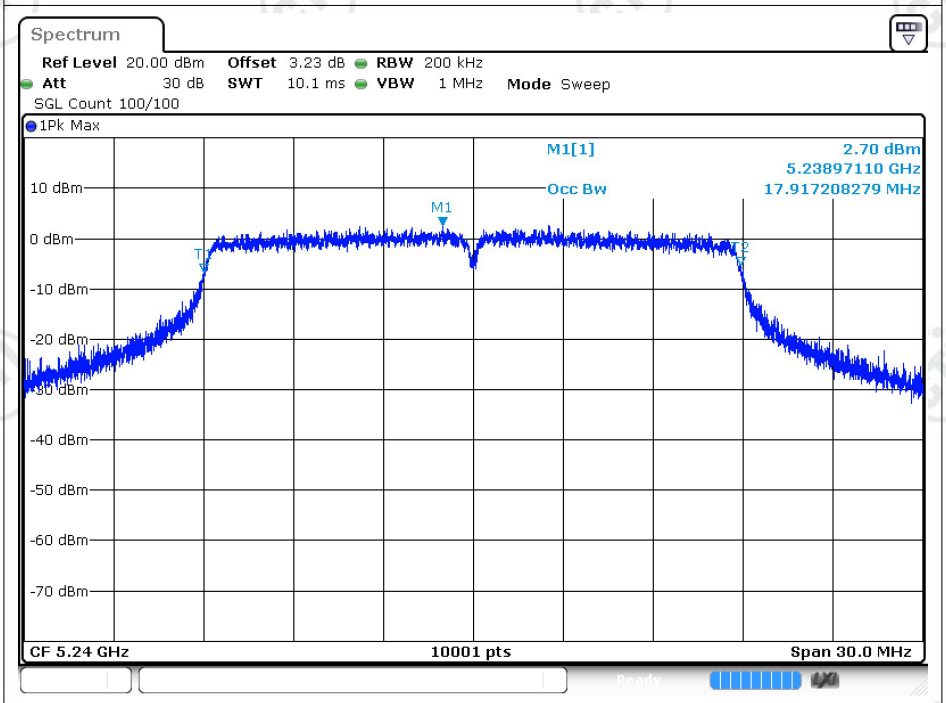
Date: 25.MAR.2025 12:51:20

OBW NVNT n20 5200MHz Ant1



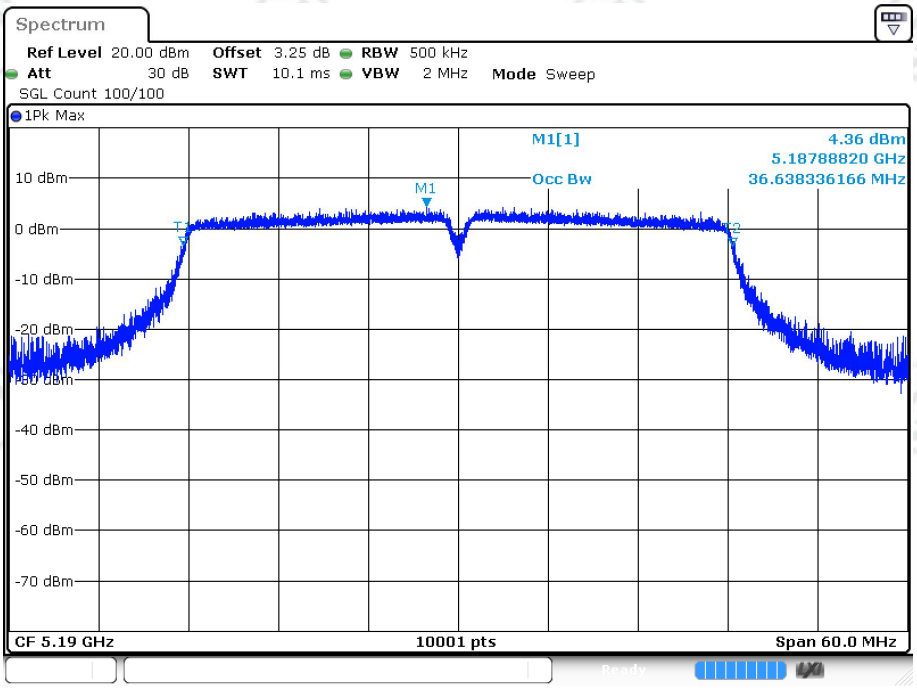
Date: 25.MAR.2025 12:55:37

OBW NVNT n20 5240MHz Ant1



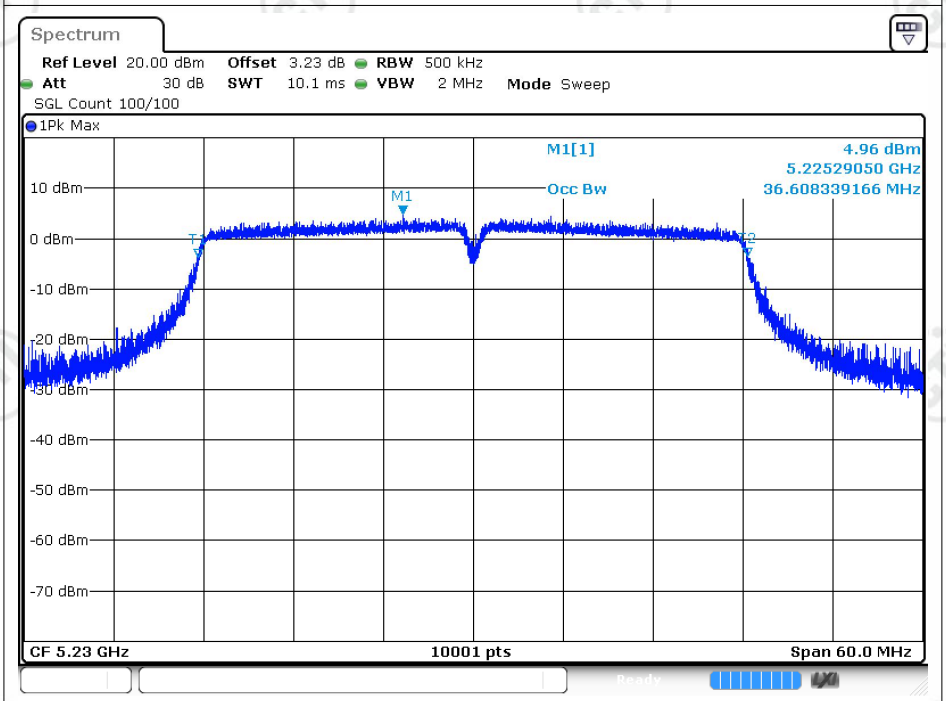
Date: 25.MAR.2025 12:56:51

OBW NVNT n40 5190MHz Ant1



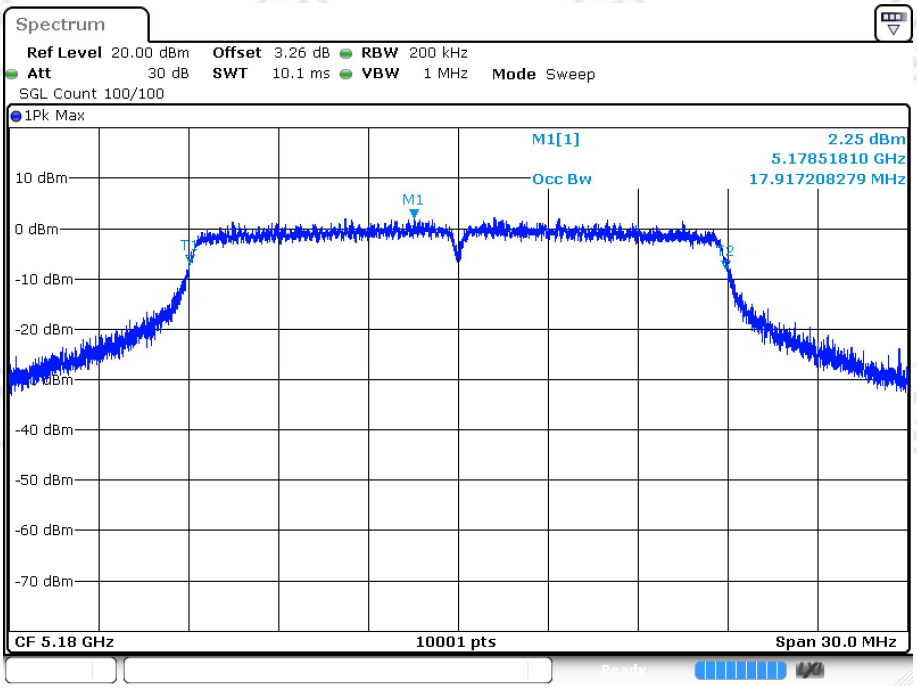
Date: 25.MAR.2025 13:03:52

OBW NVNT n40 5230MHz Ant1



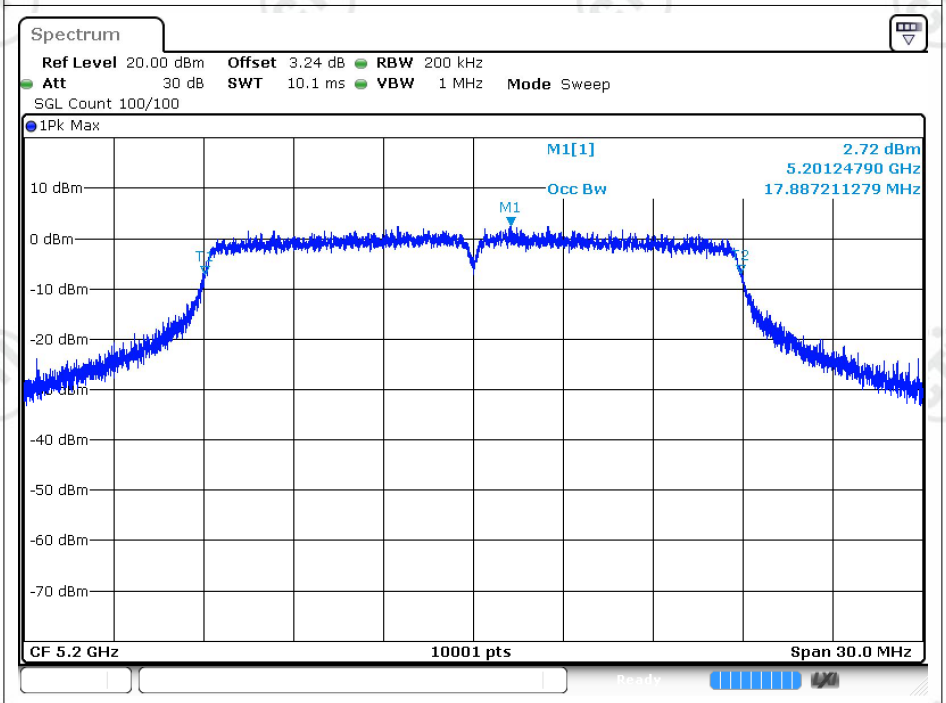
Date: 25.MAR.2025 13:05:38

OBW NVNT ac20 5180MHz Ant1



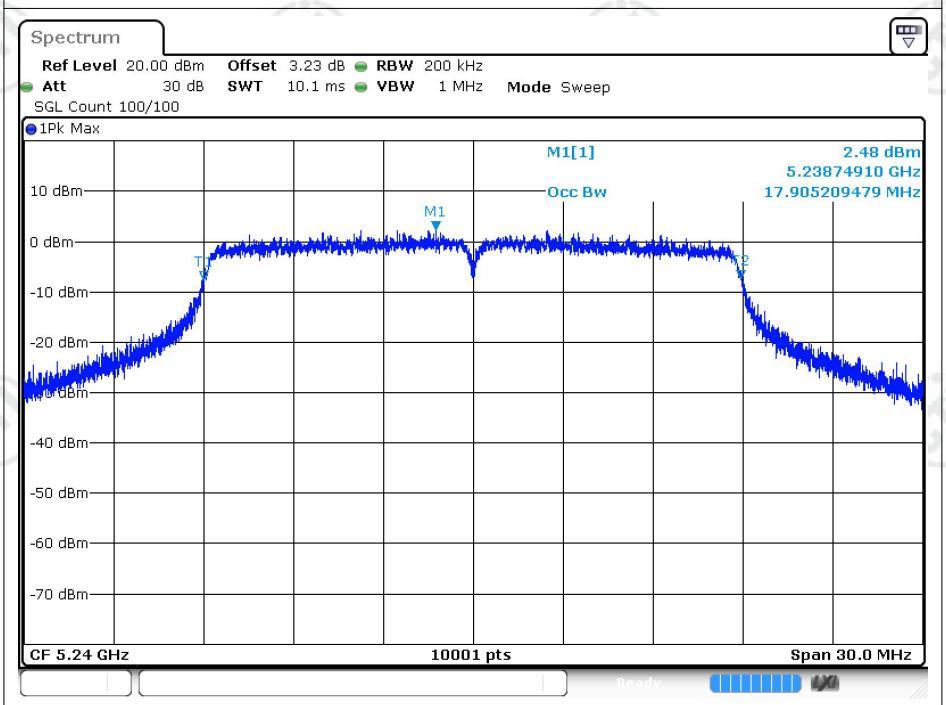
Date: 25.MAR.2025 13:07:40

OBW NVNT ac20 5200MHz Ant1



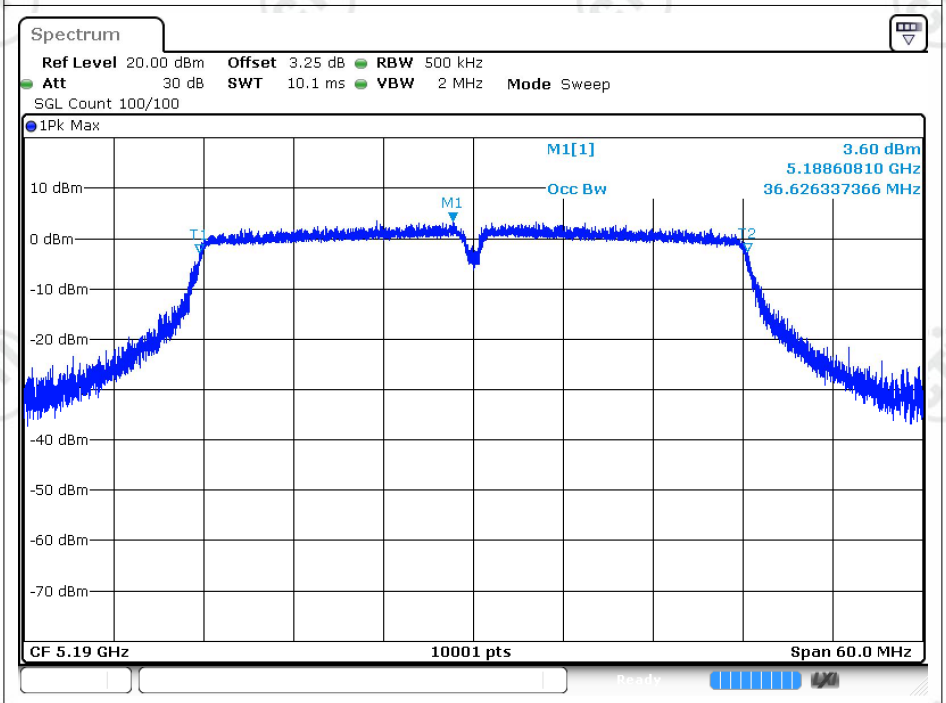
Date: 25.MAR.2025 13:09:51

OBW NVNT ac20 5240MHz Ant1



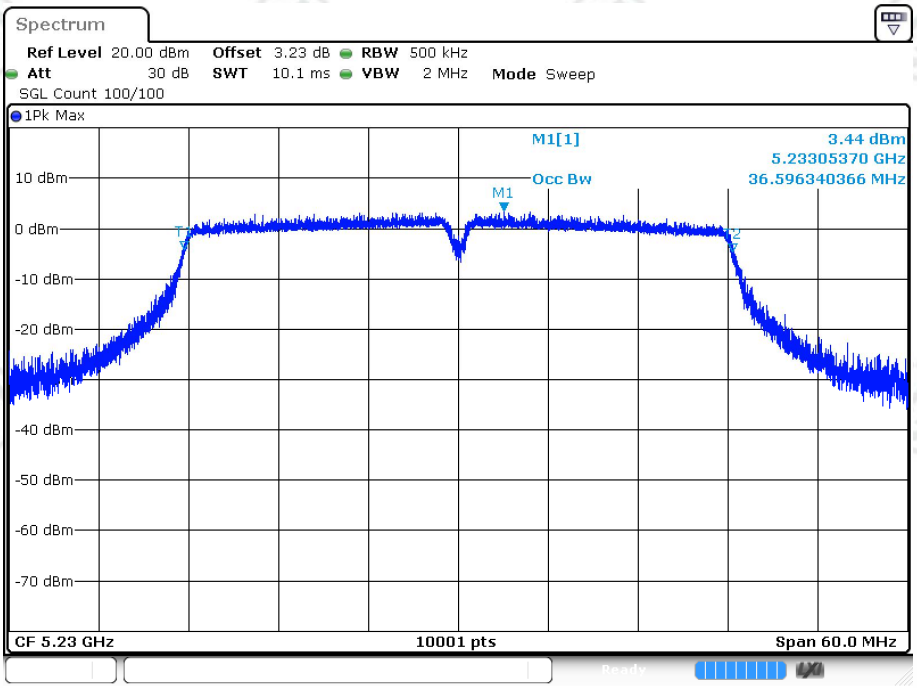
Date: 25.MAR.2025 13:11:03

OBW NVNT ac40 5190MHz Ant1



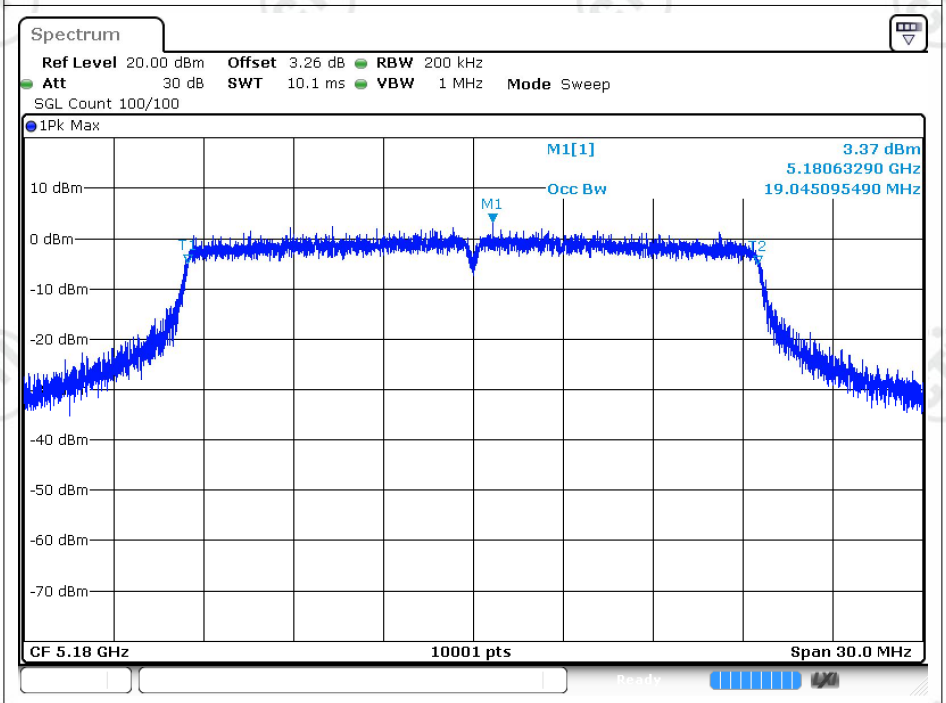
Date: 25.MAR.2025 13:12:40

OBW NVNT ac40 5230MHz Ant1



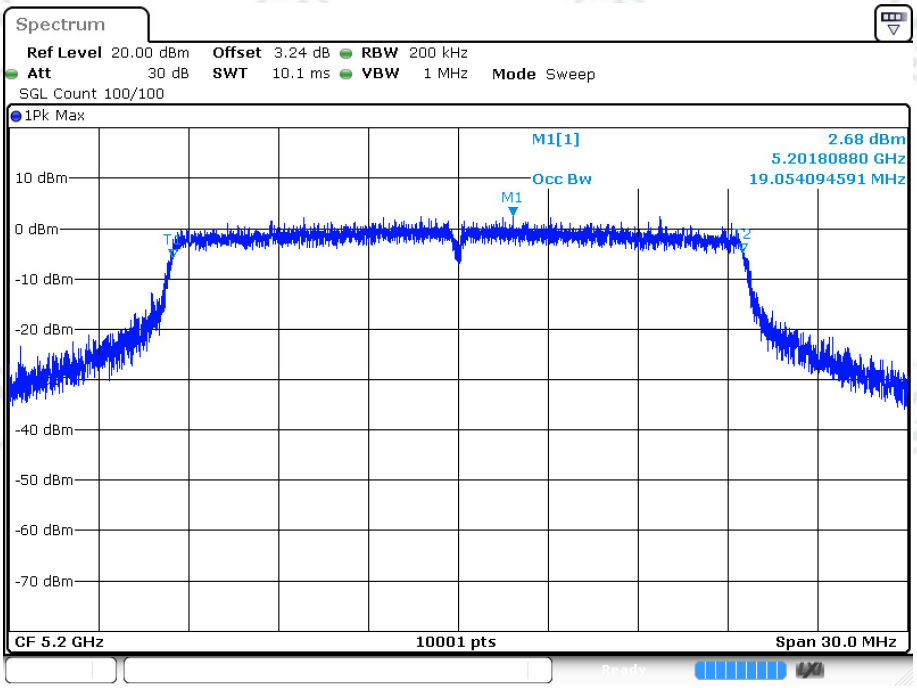
Date: 25.MAR.2025 13:14:31

OBW NVNT ax20 5180MHz Ant1



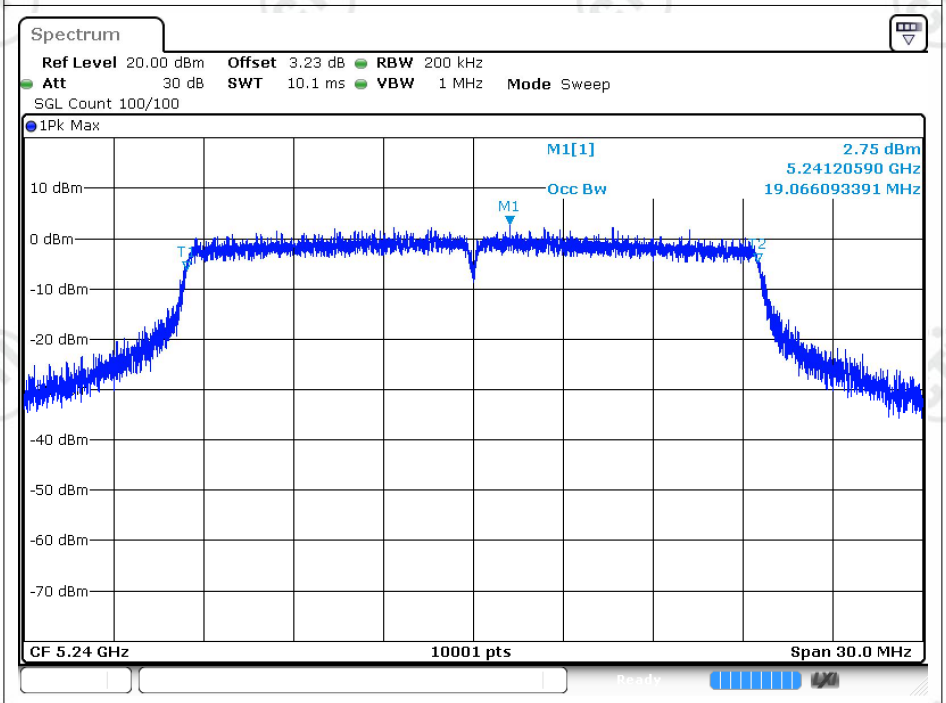
Date: 25.MAR.2025 13:17:50

OBW NVNT ax20 5200MHz Ant1



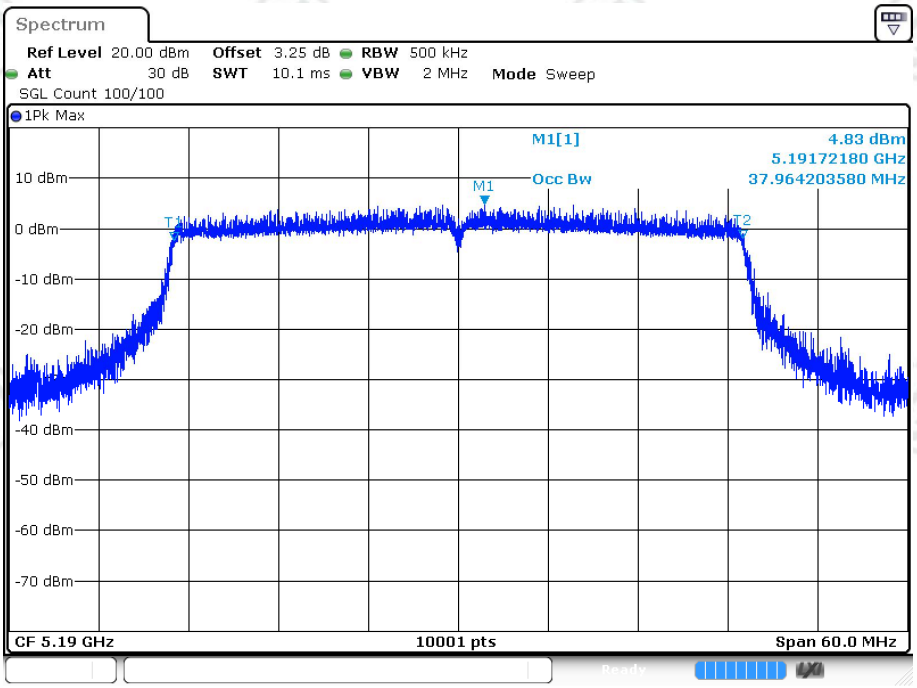
Date: 25.MAR.2025 13:20:29

OBW NVNT ax20 5240MHz Ant1



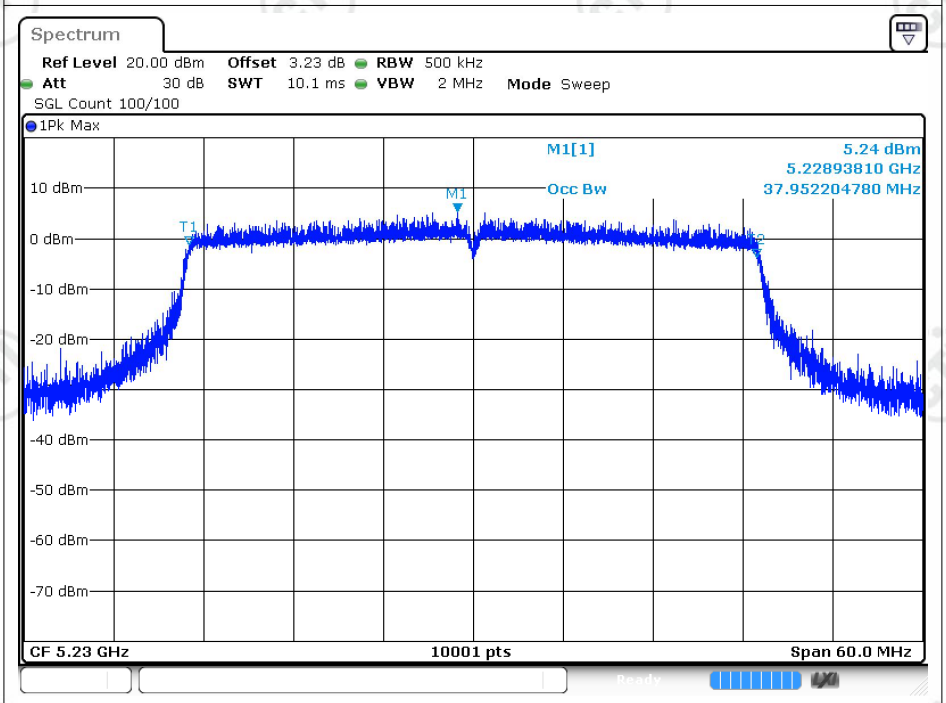
Date: 25.MAR.2025 13:21:36

OBW NVNT ax40 5190MHz Ant1



Date: 25.MAR.2025 13:23:27

OBW NVNT ax40 5230MHz Ant1



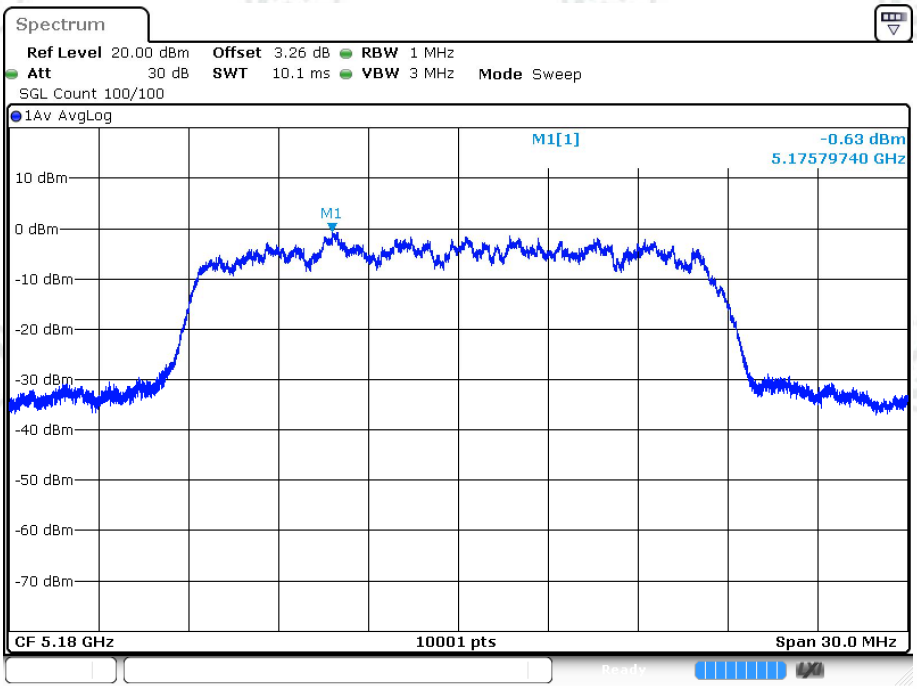
Date: 25.MAR.2025 13:25:15

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	-0.63	0.41	-0.22	11	Pass
NVNT	a	5200	Ant1	-0.15	0.29	0.14	11	Pass
NVNT	a	5240	Ant1	-0.19	0.41	0.22	11	Pass
NVNT	n20	5180	Ant1	0.85	0.12	0.97	11	Pass
NVNT	n20	5200	Ant1	1.19	0.12	1.31	11	Pass
NVNT	n20	5240	Ant1	0.13	0.14	0.27	11	Pass
NVNT	n40	5190	Ant1	-1.78	0	-1.78	11	Pass
NVNT	n40	5230	Ant1	-2.55	0.12	-2.43	11	Pass
NVNT	ac20	5180	Ant1	0.22	0.17	0.39	11	Pass
NVNT	ac20	5200	Ant1	0.23	0	0.23	11	Pass
NVNT	ac20	5240	Ant1	-0.39	0.13	-0.26	11	Pass
NVNT	ac40	5190	Ant1	-2.93	0	-2.93	11	Pass
NVNT	ac40	5230	Ant1	-2.66	0	-2.66	11	Pass
NVNT	ax20	5180	Ant1	-1.52	0.13	-1.39	11	Pass
NVNT	ax20	5200	Ant1	-0.92	0	-0.92	11	Pass
NVNT	ax20	5240	Ant1	-1.85	0.14	-1.71	11	Pass
NVNT	ax40	5190	Ant1	-4.07	0.2	-3.87	11	Pass
NVNT	ax40	5230	Ant1	-4.3	0.14	-4.16	11	Pass

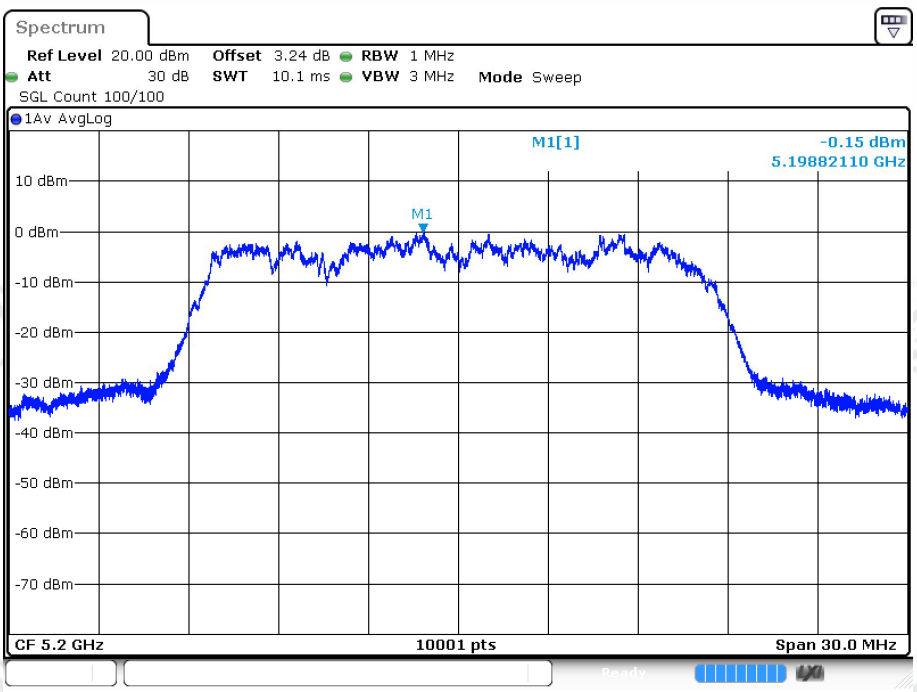
Test Graphs

PSD NVNT a 5180MHz Ant1



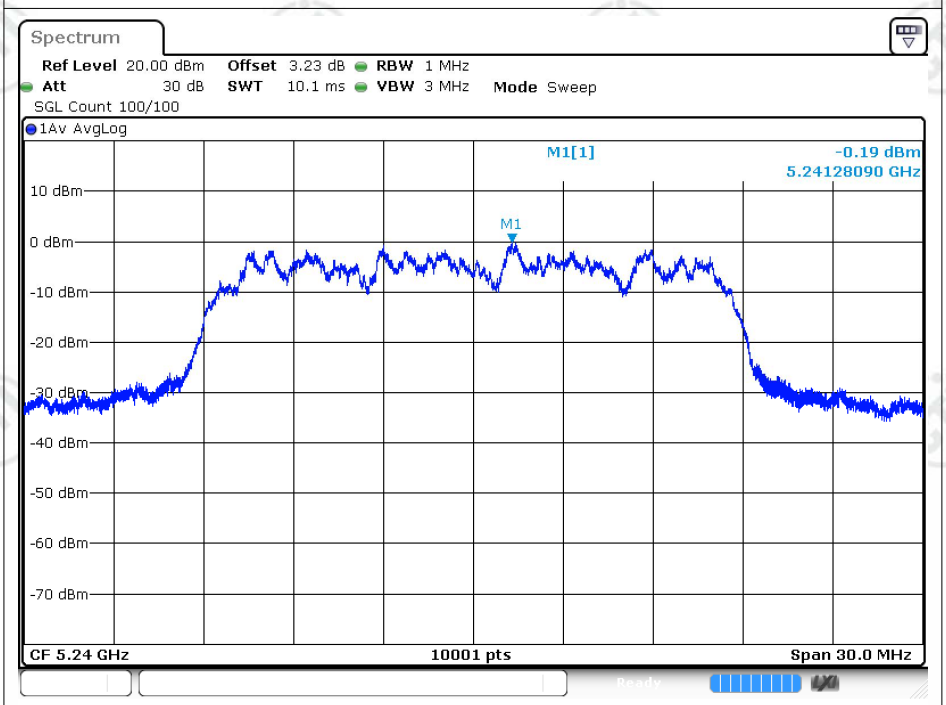
Date: 25.MAR.2025 12:58:56

PSD NVNT a 5200MHz Ant1



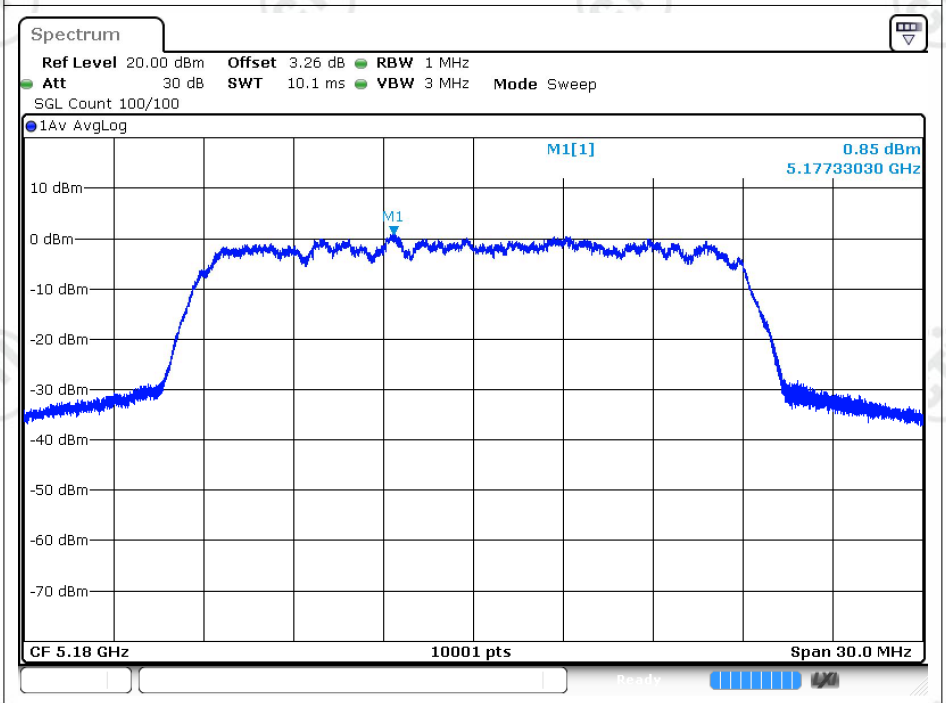
Date: 25.MAR.2025 13:00:44

PSD NVNT a 5240MHz Ant1



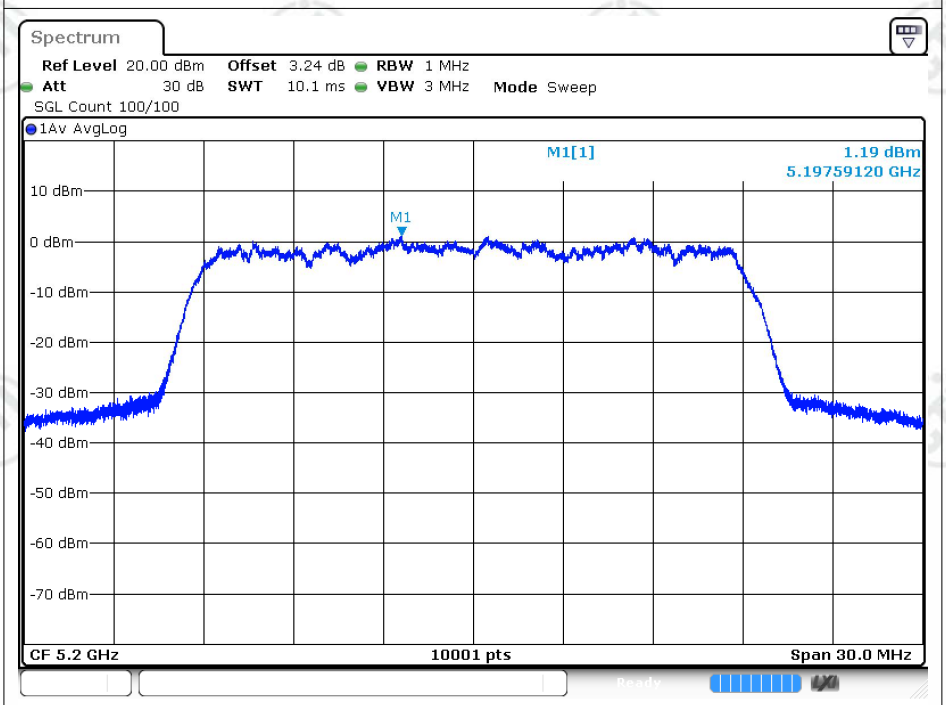
Date: 25.MAR.2025 13:01:34

PSD NVNT n20 5180MHz Ant1



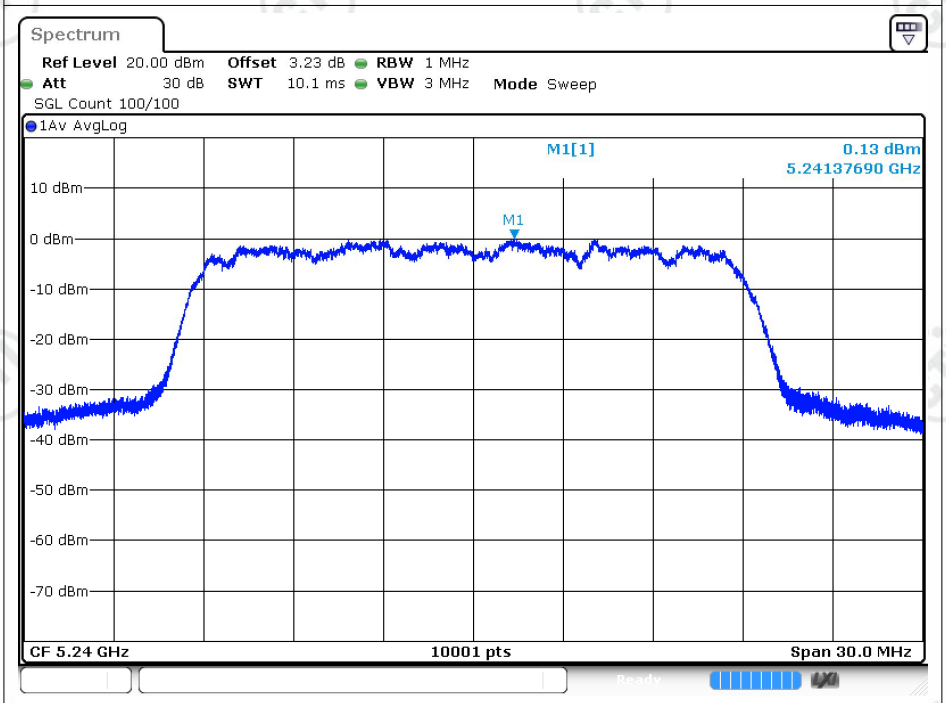
Date: 25.MAR.2025 12:51:38

PSD NVNT n20 5200MHz Ant1



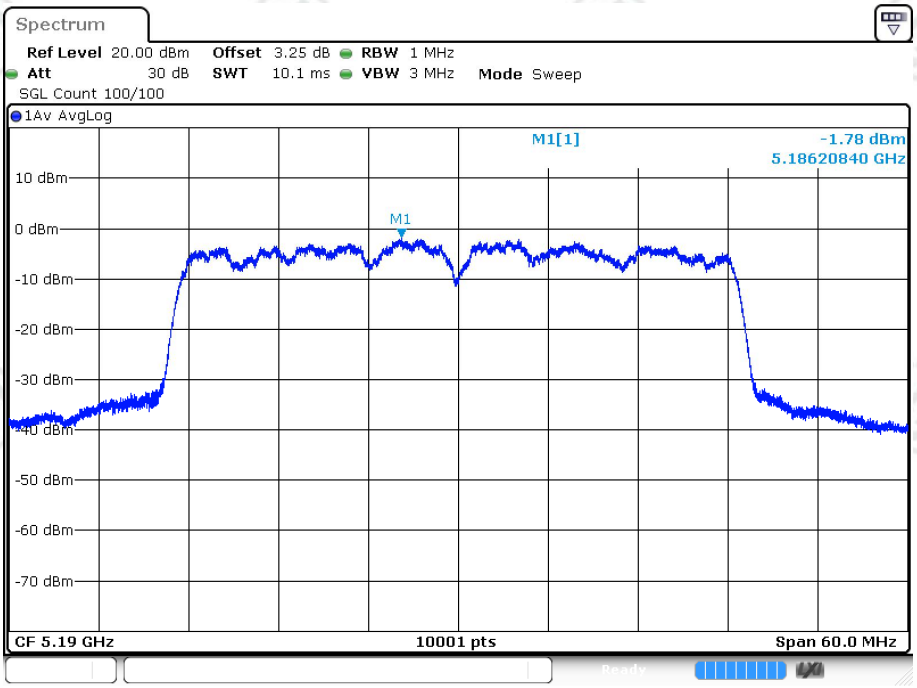
Date: 25.MAR.2025 12:55:51

PSD NVNT n20 5240MHz Ant1



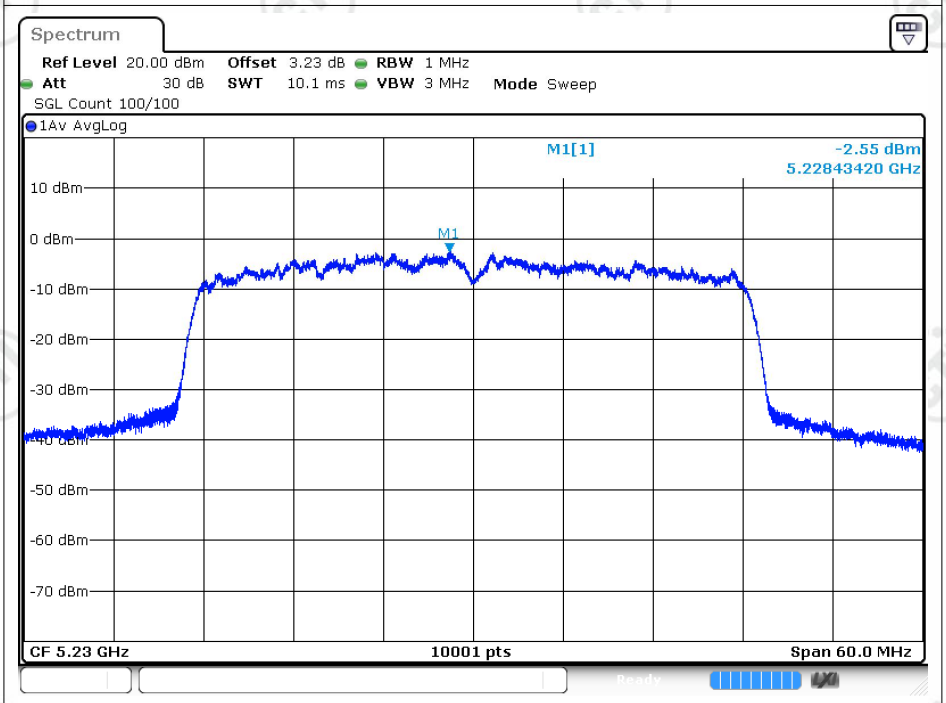
Date: 25.MAR.2025 12:57:06

PSD NVNT n40 5190MHz Ant1



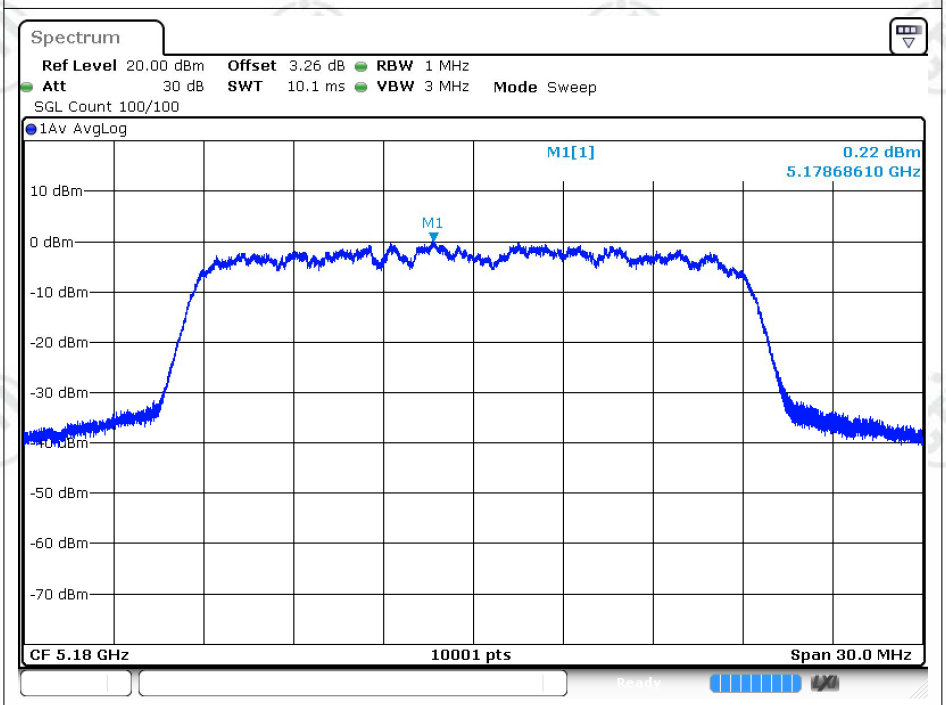
Date: 25.MAR.2025 13:04:11

PSD NVNT n40 5230MHz Ant1



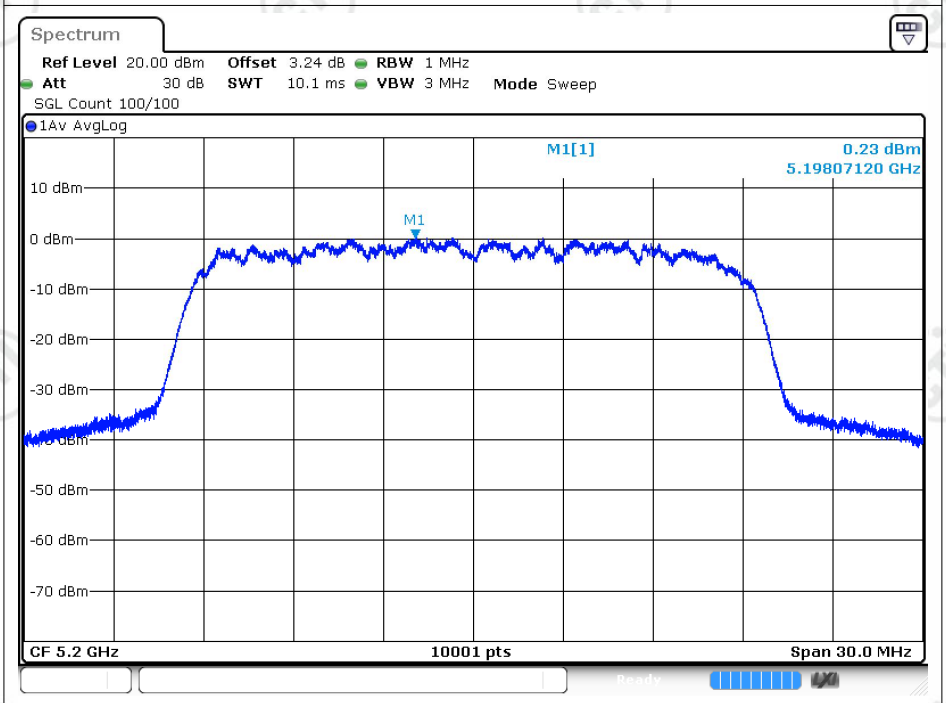
Date: 25.MAR.2025 13:05:55

PSD NVNT ac20 5180MHz Ant1



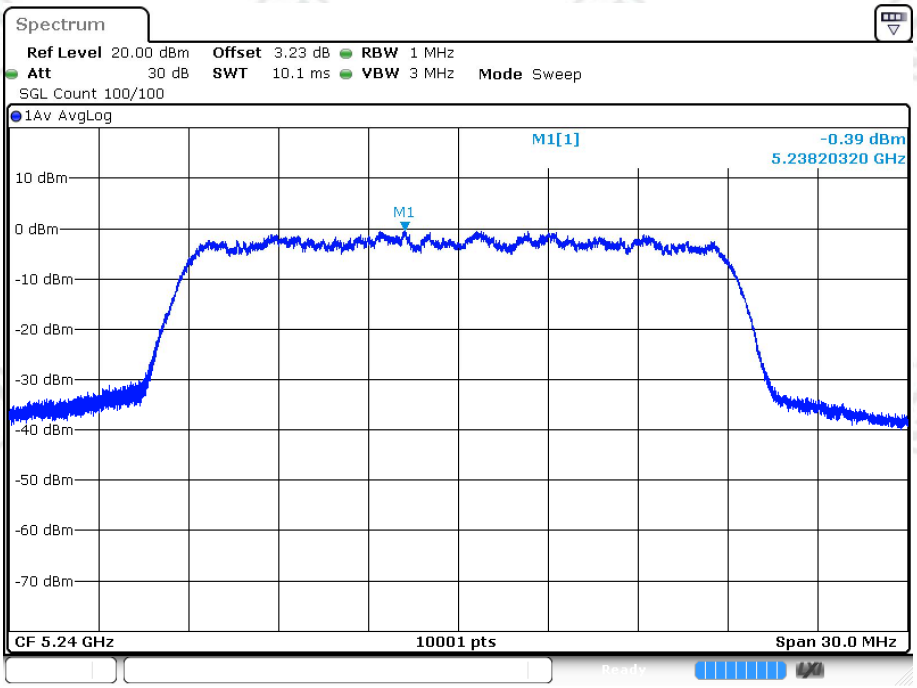
Date: 25.MAR.2025 13:07:58

PSD NVNT ac20 5200MHz Ant1



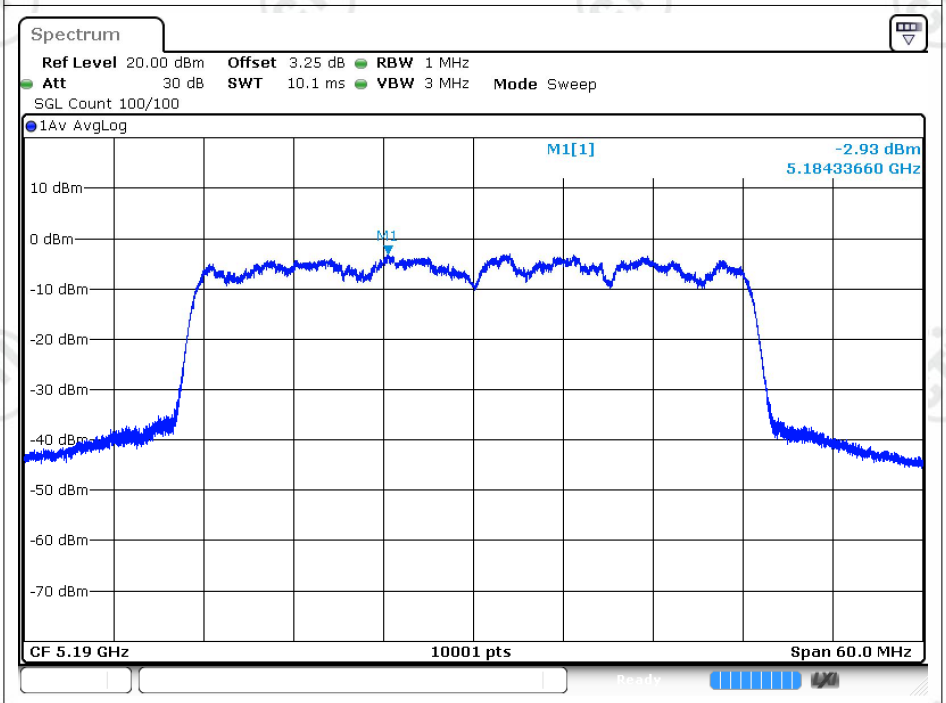
Date: 25.MAR.2025 13:10:08

PSD NVNT ac20 5240MHz Ant1



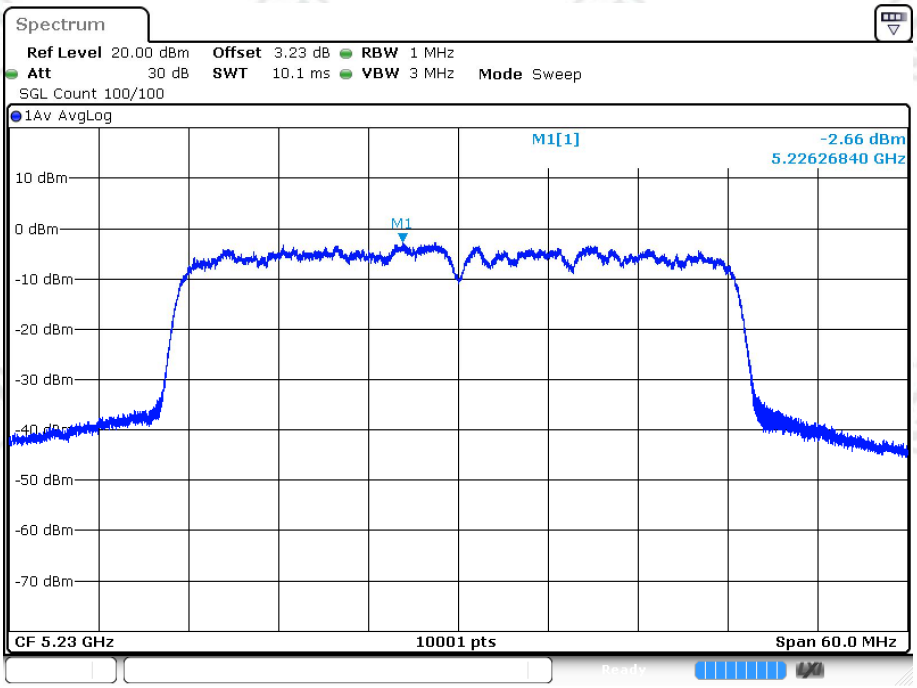
Date: 25.MAR.2025 13:11:18

PSD NVNT ac40 5190MHz Ant1



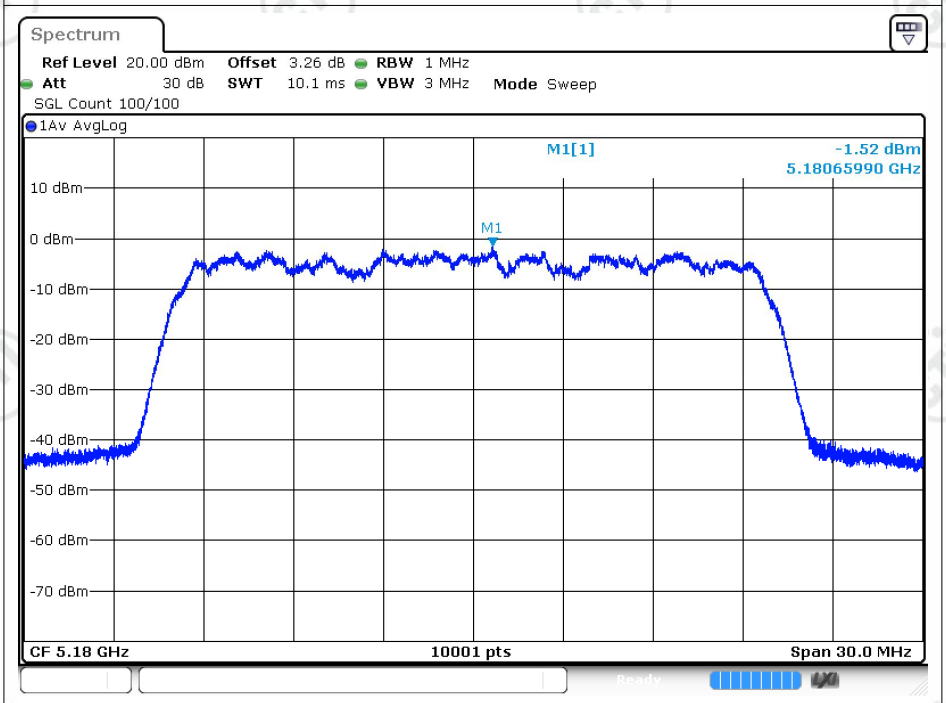
Date: 25.MAR.2025 13:13:00

PSD NVNT ac40 5230MHz Ant1



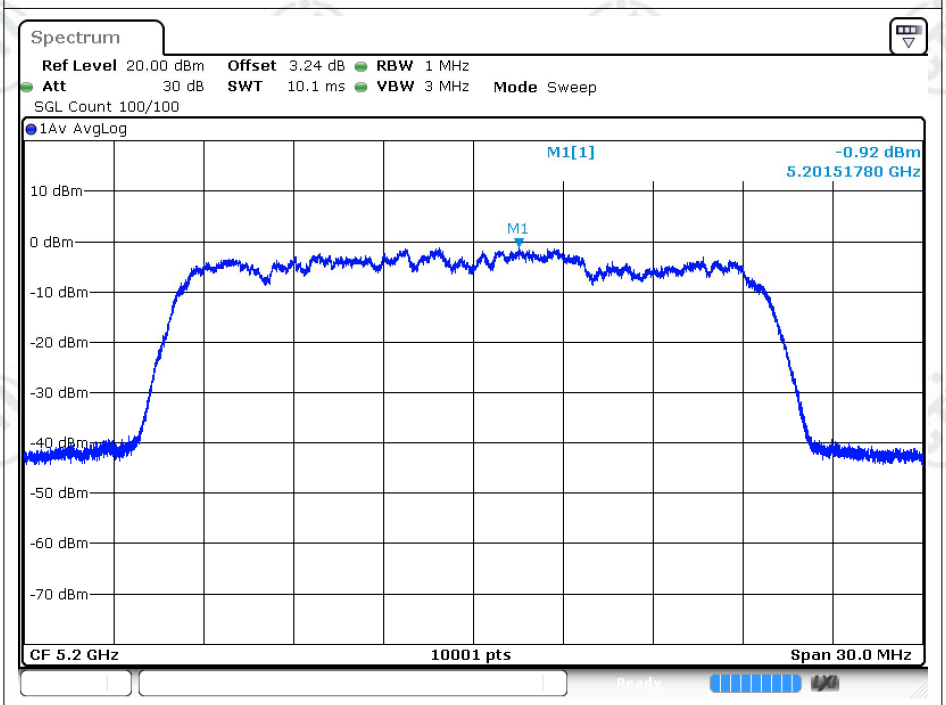
Date: 25.MAR.2025 13:14:46

PSD NVNT ax20 5180MHz Ant1



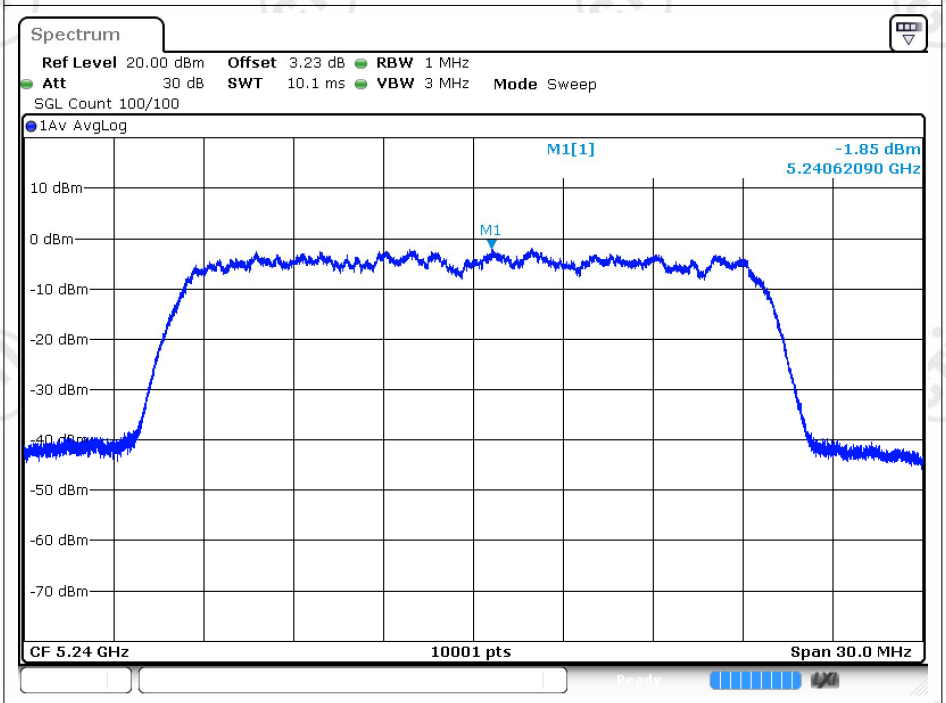
Date: 25.MAR.2025 13:18:07

PSD NVNT ax20 5200MHz Ant1



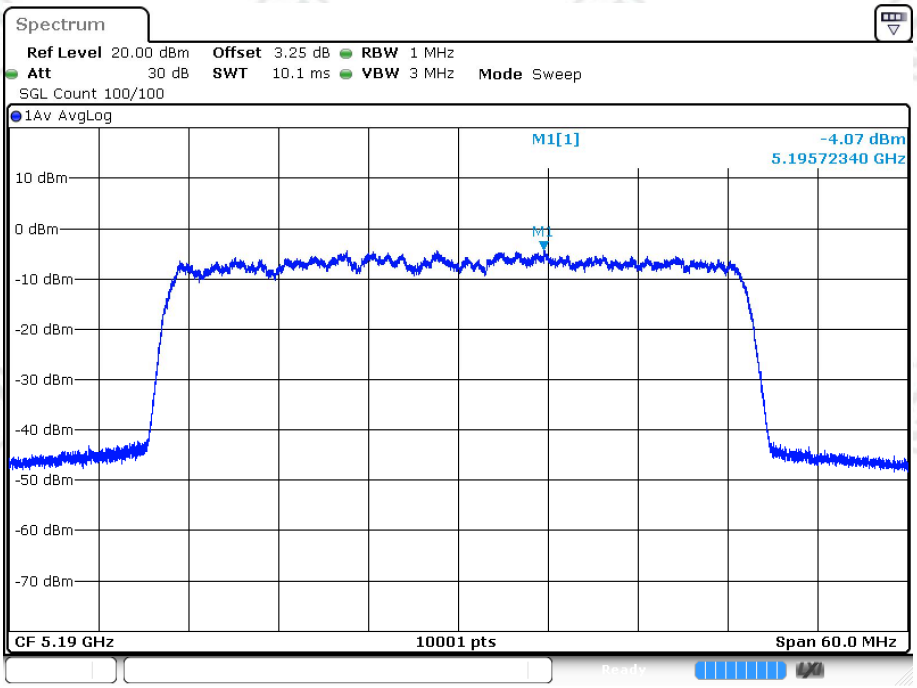
Date: 25.MAR.2025 13:20:42

PSD NVNT ax20 5240MHz Ant1



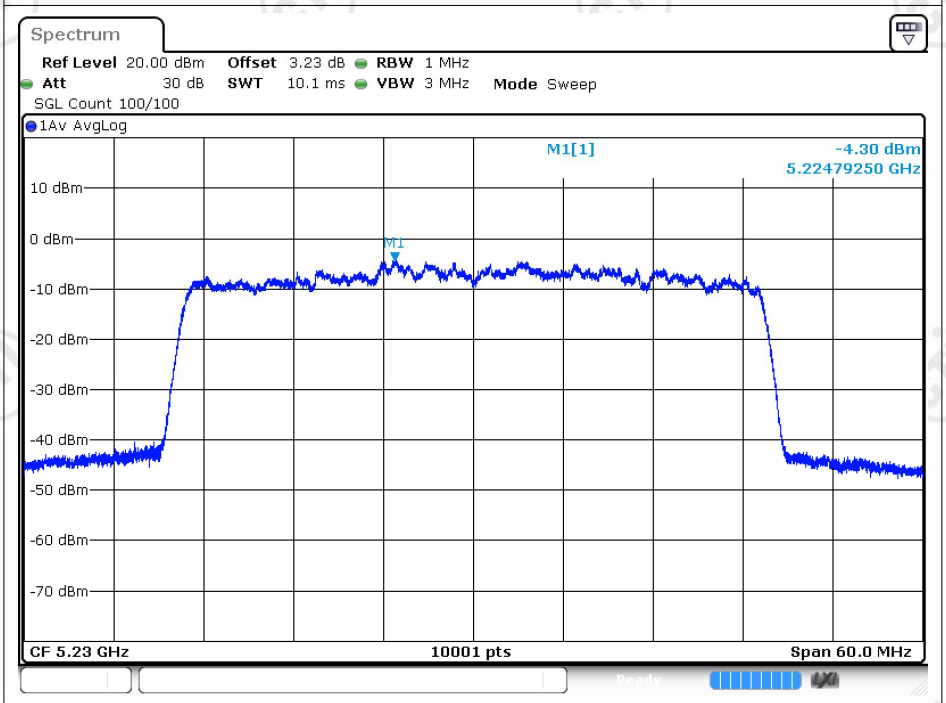
Date: 25.MAR.2025 13:21:59

PSD NVNT ax40 5190MHz Ant1



Date: 25.MAR.2025 13:23:55

PSD NVNT ax40 5230MHz Ant1



Date: 25.MAR.2025 13:25:34

Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 102V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 120V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 138V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-20C 120V	a	5180	Ant1	5180	0	0	25	Pass
-10C 120V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
0C 120V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
10C 120V	a	5180	Ant1	5180	0	0	25	Pass
30C 120V	a	5180	Ant1	5180	0	0	25	Pass
40C 120V	a	5180	Ant1	5180	0	0	25	Pass
50C 120V	a	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 102V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 120V	a	5240	Ant1	5240	0	0	25	Pass
20C 138V	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
-20C 120V	a	5240	Ant1	5240.02	20000	3.82	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	5239.96	-40000	-7.63	25	Pass
30C 120V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
40C 120V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
50C 120V	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 102V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 120V	n20	5180	Ant1	5180	0	0	25	Pass
20C 138V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
-20C 120V	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-10C 120V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
0C 120V	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
10C 120V	n20	5180	Ant1	5179.96	-40000	-7.72	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	5179.96	-40000	-7.72	25	Pass
20C 102V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 120V	n20	5240	Ant1	5240	0	0	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	5239.98	-20000	-3.82	25	Pass
0C 120V	n20	5240	Ant1	5240	0	0	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	5240	0	0	25	Pass
50C 120V	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 102V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 120V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 138V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
-20C 120V	n40	5190	Ant1	5190	0	0	25	Pass
-10C 120V	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
0C 120V	n40	5190	Ant1	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	5190	0	0	25	Pass
50C 120V	n40	5190	Ant1	5190	0	0	25	Pass
20C 102V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 120V	n40	5230	Ant1	5230	0	0	25	Pass
20C 138V	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
-20C 120V	n40	5230	Ant1	5230	0	0	25	Pass
-10C 120V	n40	5230	Ant1	5230	0	0	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	5229.96	-40000	-7.65	25	Pass
20C 102V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 120V	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 138V	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-20C 120V	ac20	5180	Ant1	5180	0	0	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	5179.98	-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	5179.98	-20000	-3.86	25	Pass
20C 102V	ac20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 120V	ac20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 138V	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
-20C 120V	ac20	5240	Ant1	5240	0	0	25	Pass
-10C 120V	ac20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
0C 120V	ac20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
10C 120V	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
30C 120V	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
40C 120V	ac20	5240	Ant1	5240	0	0	25	Pass

50C 120V	ac20	5240	Ant1	5240	0	0	25	Pass
20C 102V	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 120V	ac40	5190	Ant1	5190	0	0	25	Pass
20C 138V	ac40	5190	Ant1	5189.96	-40000	-7.71	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	5189.96	-40000	-7.71	25	Pass
30C 120V	ac40	5190	Ant1	5190	0	0	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	5229.96	-40000	-7.65	25	Pass
-20C 120V	ac40	5230	Ant1	5230	0	0	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	5230	0	0	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	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 120V	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 138V	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-20C 120V	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-10C 120V	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
0C 120V	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
10C 120V	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
30C 120V	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
40C 120V	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
50C 120V	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 102V	ax20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 120V	ax20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 138V	ax20	5240	Ant1	5239.98	-20000	-3.82	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	5239.98	-20000	-3.82	25	Pass
30C 120V	ax20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
40C 120V	ax20	5240	Ant1	5240	0	0	25	Pass
50C 120V	ax20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 102V	ax40	5190	Ant1	5190	0	0	25	Pass

20C 120V	ax40	5190	Ant1	5190	0	0	25	Pass
20C 138V	ax40	5190	Ant1	5190	0	0	25	Pass
-20C 120V	ax40	5190	Ant1	5190	0	0	25	Pass
-10C 120V	ax40	5190	Ant1	5190	0	0	25	Pass
0C 120V	ax40	5190	Ant1	5190	0	0	25	Pass
10C 120V	ax40	5190	Ant1	5190	0	0	25	Pass
30C 120V	ax40	5190	Ant1	5190	0	0	25	Pass
40C 120V	ax40	5190	Ant1	5190	0	0	25	Pass
50C 120V	ax40	5190	Ant1	5190	0	0	25	Pass
20C 102V	ax40	5230	Ant1	5230	0	0	25	Pass
20C 120V	ax40	5230	Ant1	5230	0	0	25	Pass
20C 138V	ax40	5230	Ant1	5230	0	0	25	Pass
-20C 120V	ax40	5230	Ant1	5230	0	0	25	Pass
-10C 120V	ax40	5230	Ant1	5230	0	0	25	Pass
0C 120V	ax40	5230	Ant1	5230	0	0	25	Pass
10C 120V	ax40	5230	Ant1	5230	0	0	25	Pass
30C 120V	ax40	5230	Ant1	5230	0	0	25	Pass
40C 120V	ax40	5230	Ant1	5230	0	0	25	Pass
50C 120V	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass

*** End of Report ***