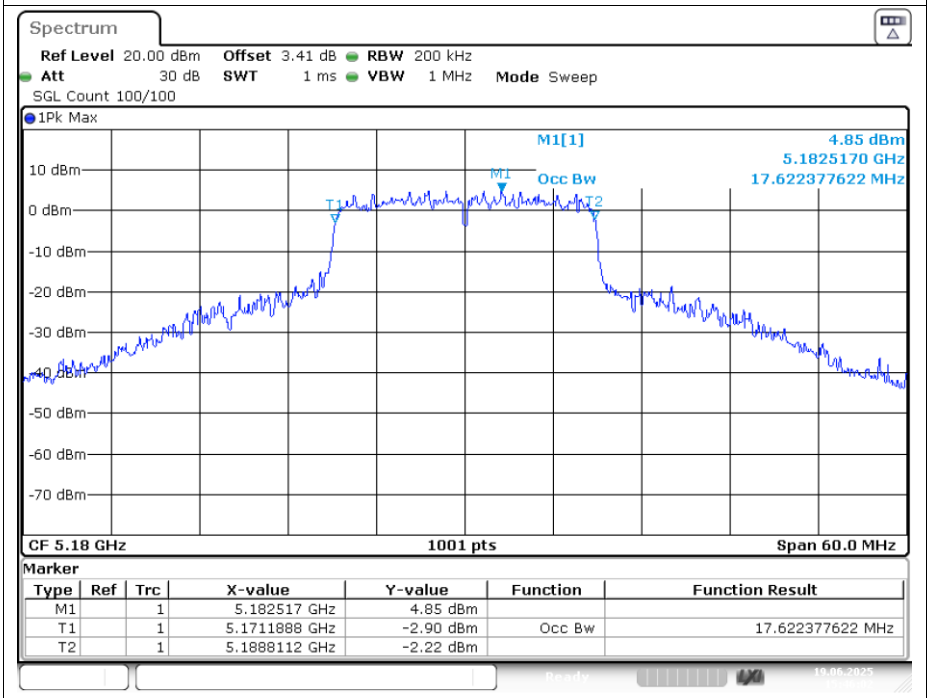
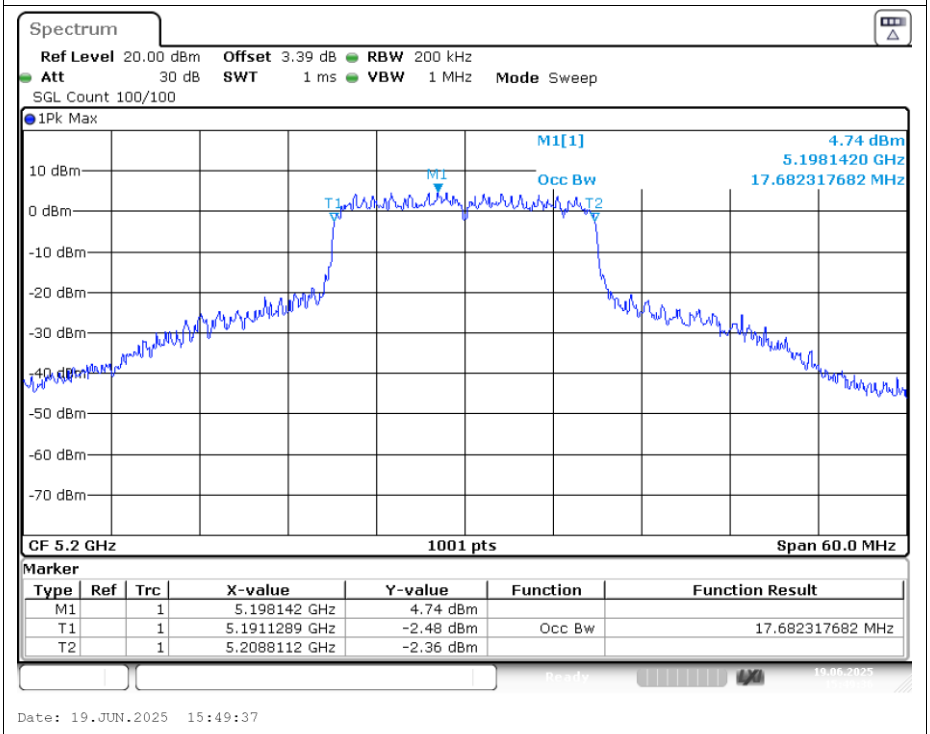
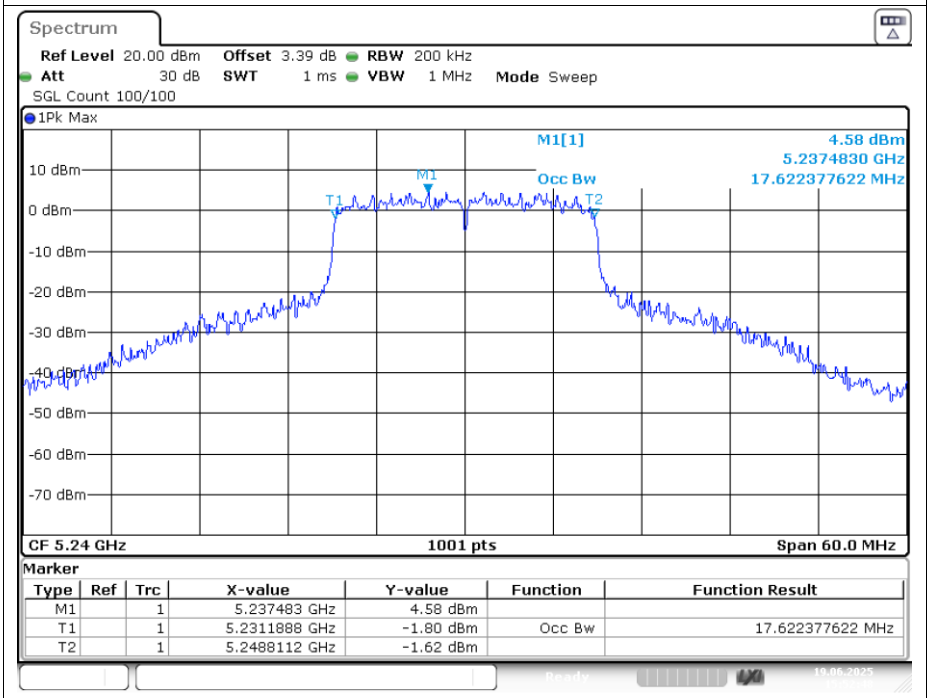
OBW NVNT n20 5180MHz Ant1



OBW NVNT n20 5200MHz Ant1



OBW NVNT n20 5240MHz Ant1



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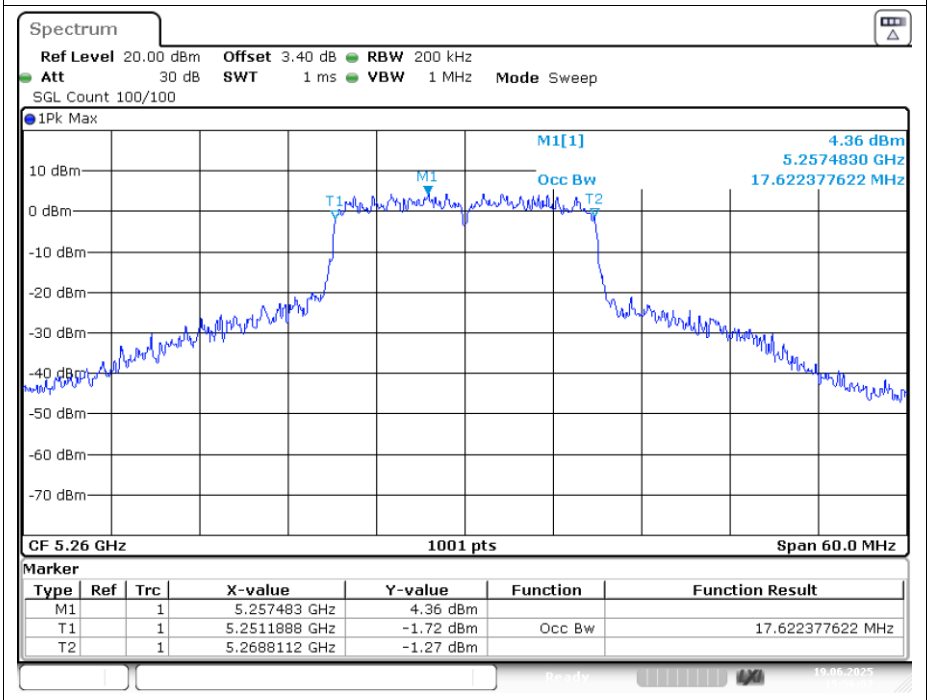
OBW NVNT n20 5260MHz Ant1



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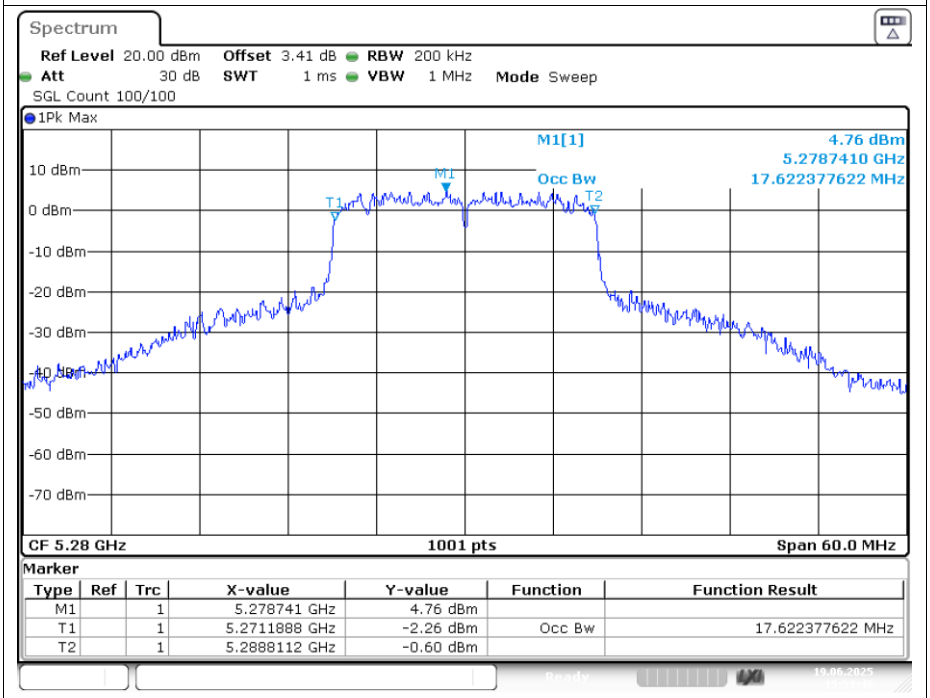
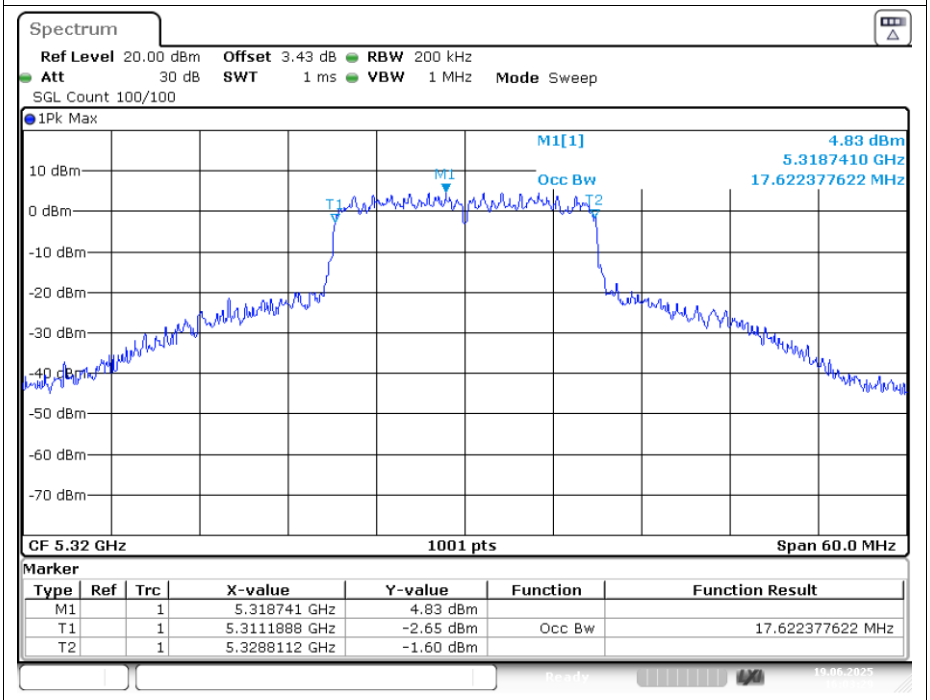


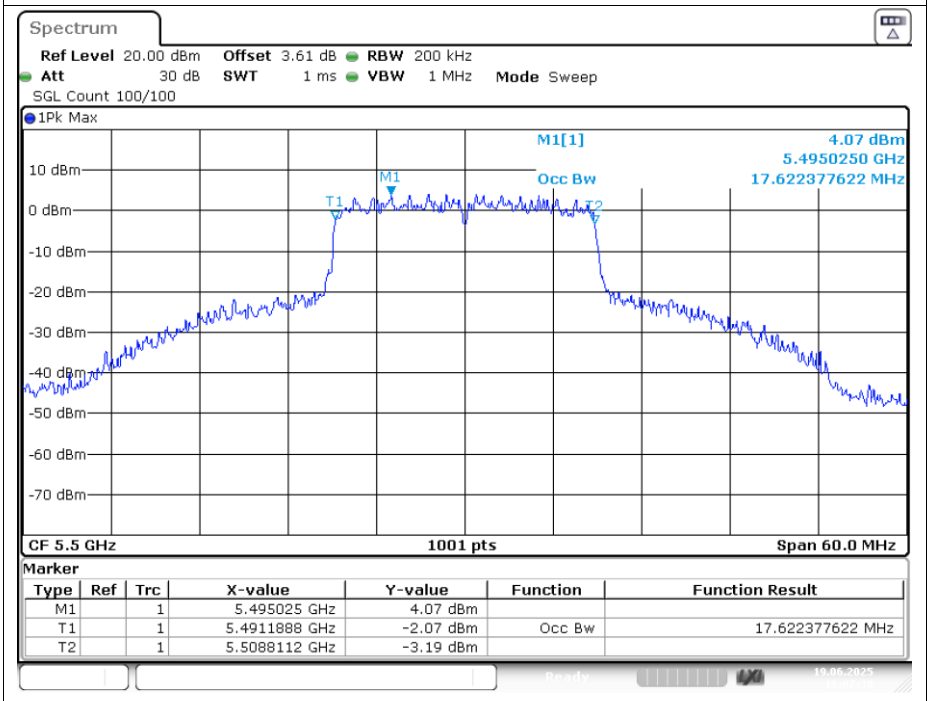
Date: 19.JUN.2025 15:59:47

OBW NVNT n20 5320MHz Ant1



Date: 19.JUN.2025 16:03:28

OBW NVNT n20 5500MHz Ant1

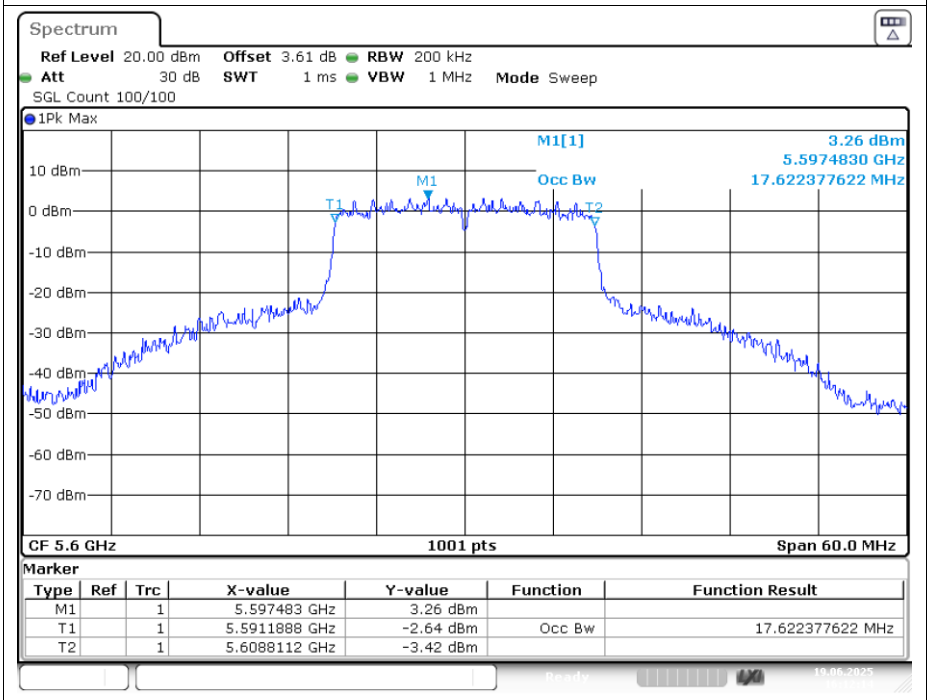


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.495025 GHz	4.07 dBm		
T1		1	5.4911888 GHz	-2.07 dBm	Occ Bw	17.622377622 MHz
T2		1	5.5088112 GHz	-3.19 dBm		

Date: 19.JUN.2025 16:07:29

OBW NVNT n20 5600MHz Ant1

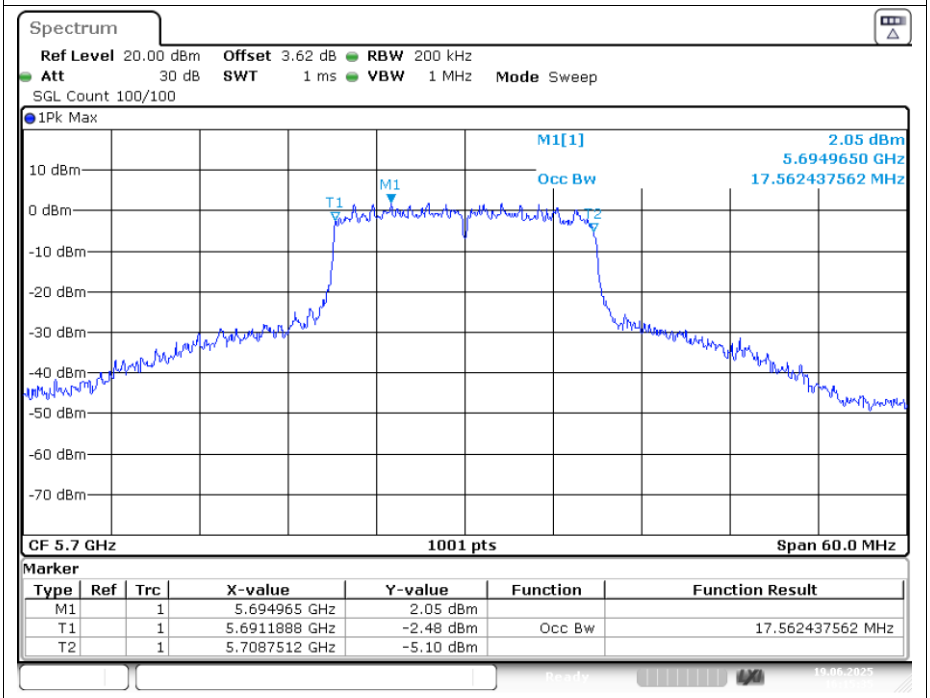


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.597483 GHz	3.26 dBm		
T1		1	5.5911888 GHz	-2.64 dBm	Occ Bw	17.622377622 MHz
T2		1	5.6088112 GHz	-3.42 dBm		

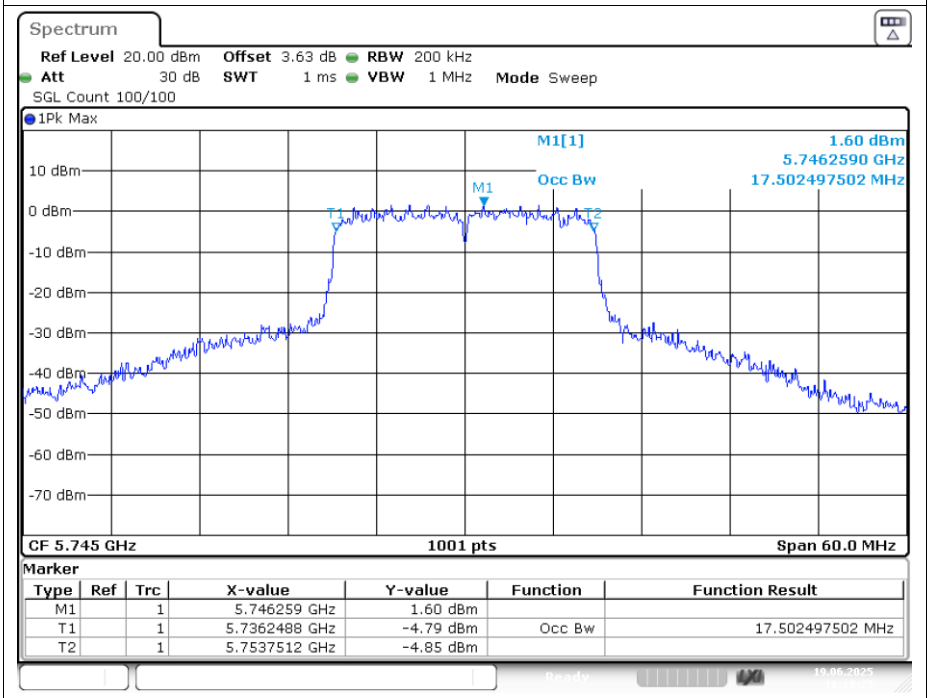
Date: 19.JUN.2025 16:12:14

OBW NVNT n20 5700MHz Ant1



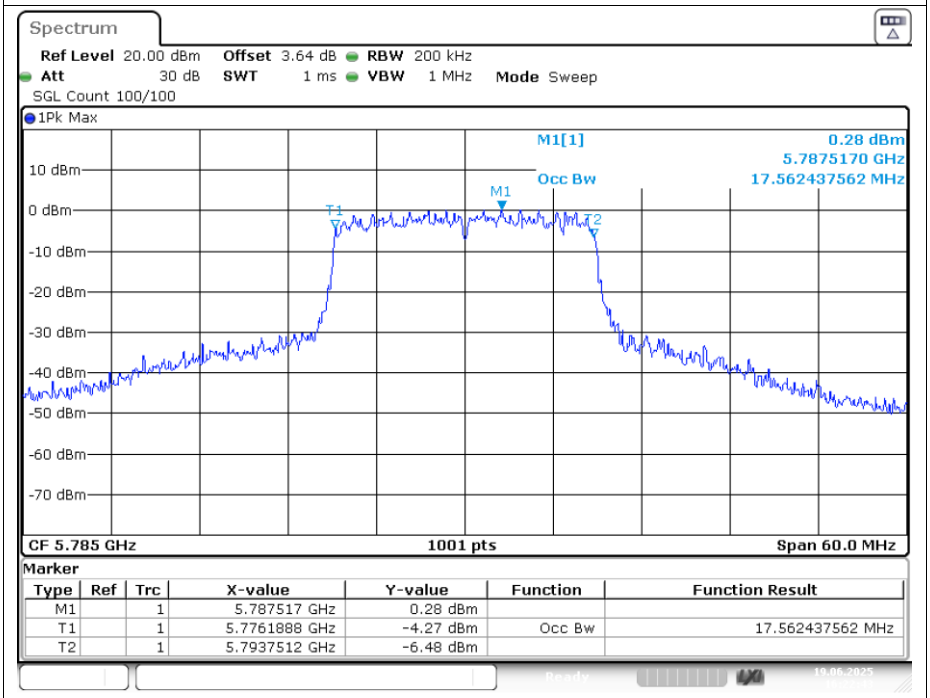
Date: 19.JUN.2025 16:15:35

OBW NVNT n20 5745MHz Ant1



Date: 19.JUN.2025 16:19:24

OBW NVNT n20 5785MHz Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.787517 GHz	0.28 dBm		
T1		1	5.7761888 GHz	-4.27 dBm	Occ Bw	17.562437562 MHz
T2		1	5.7937512 GHz	-6.48 dBm		

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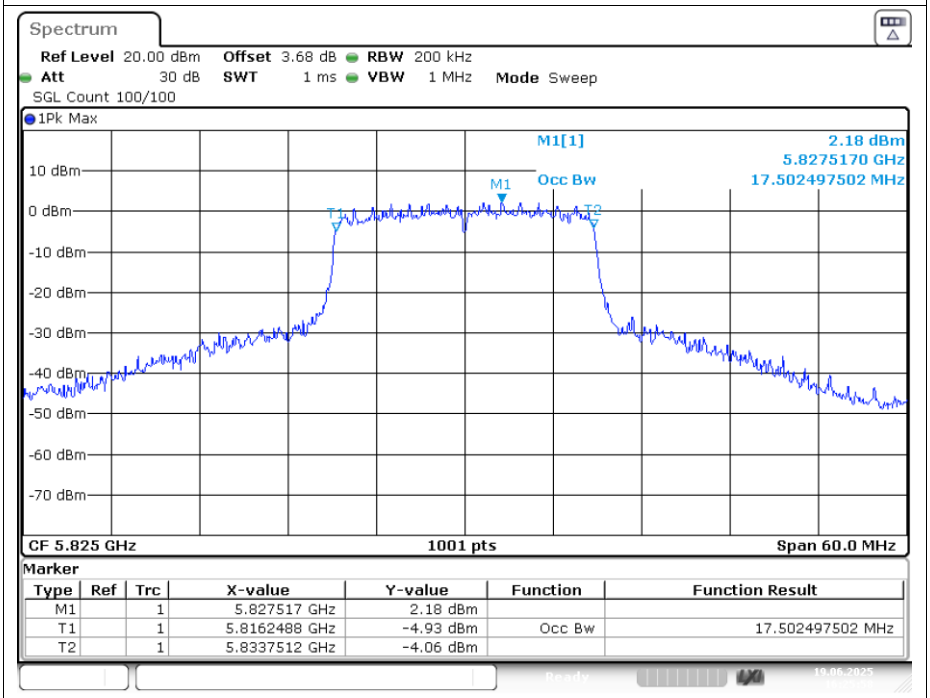
OBW NVNT n20 5825MHz Ant1

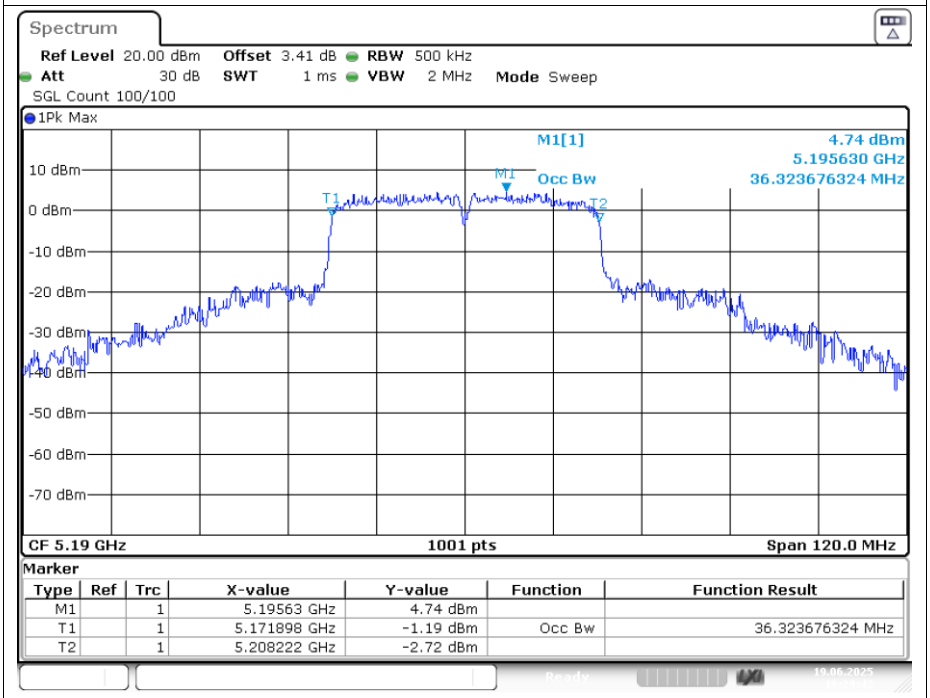


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.827517 GHz	2.18 dBm		
T1		1	5.8162488 GHz	-4.93 dBm	Occ Bw	17.502497502 MHz
T2		1	5.8337512 GHz	-4.06 dBm		

Date: 19.JUN.2025 16:25:58

OBW NVNT n40 5190MHz Ant1



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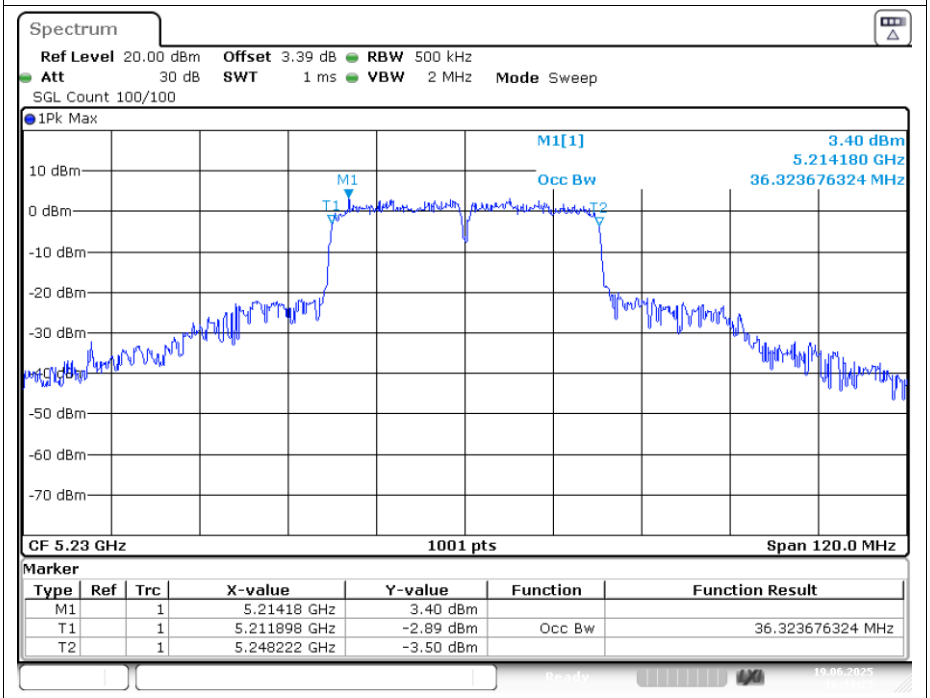
OBW NVNT n40 5230MHz Ant1



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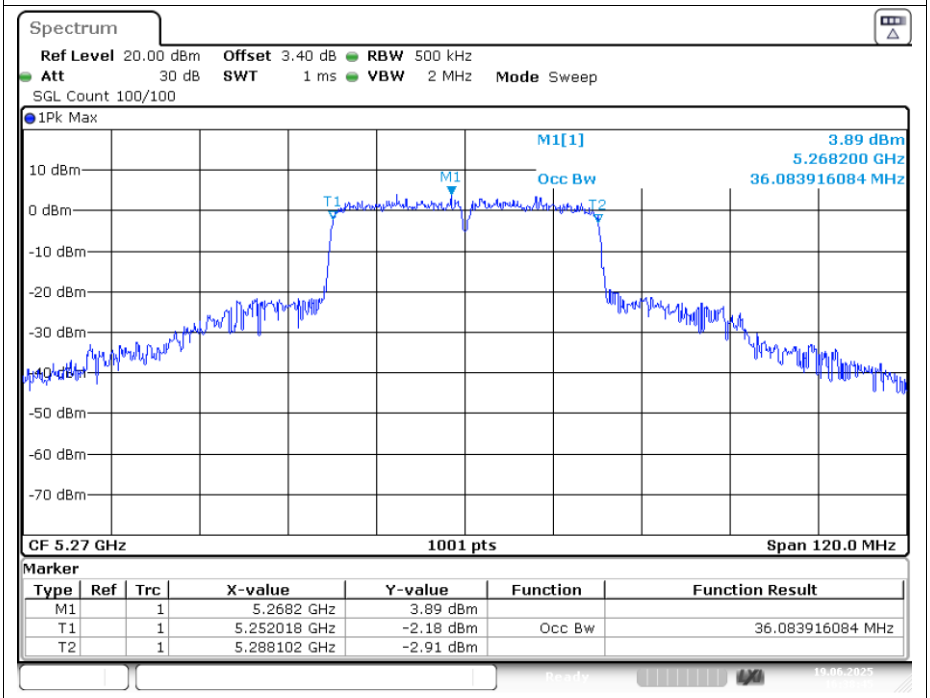
OBW NVNT n40 5270MHz Ant1



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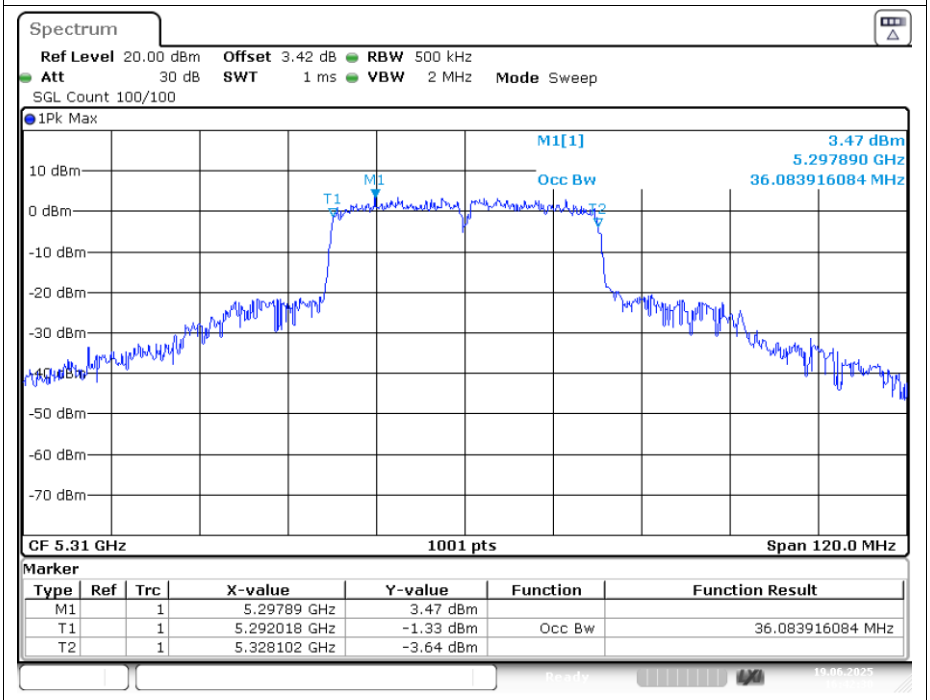
OBW NVNT n40 5310MHz Ant1



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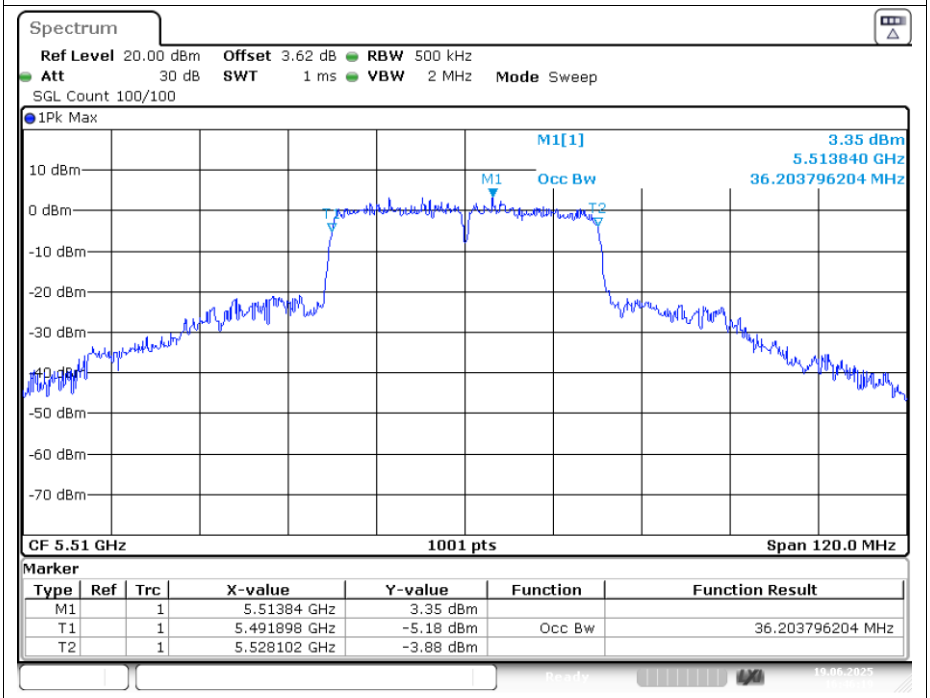
OBW NVNT n40 5510MHz Ant1



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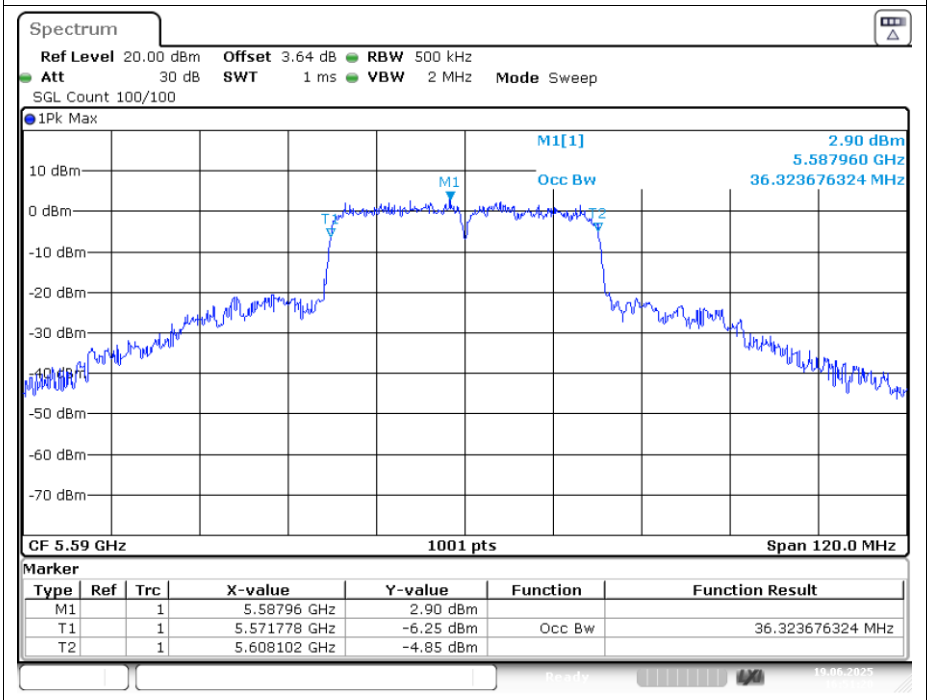

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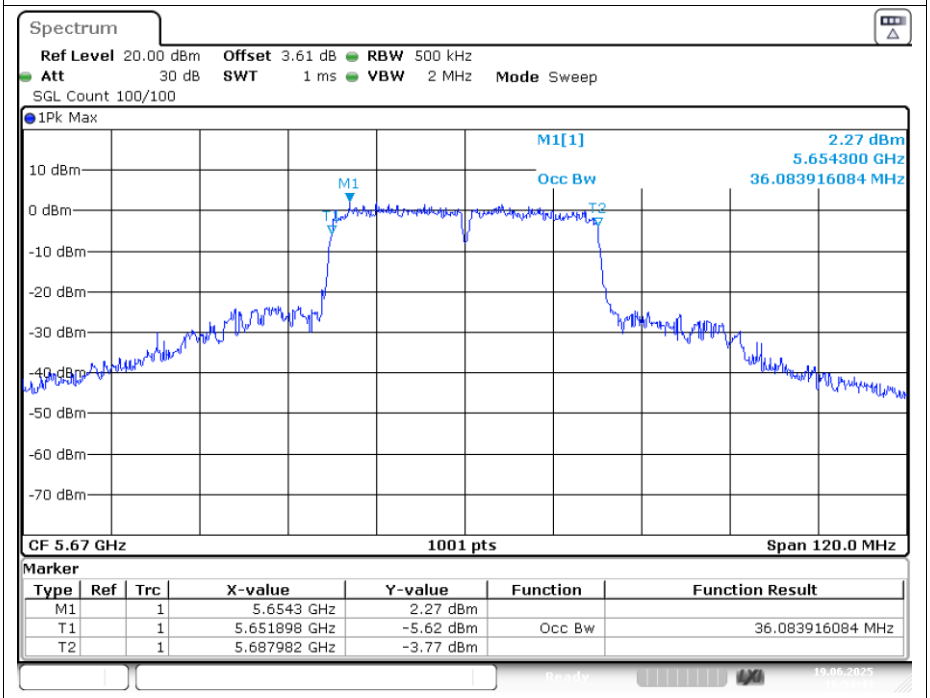

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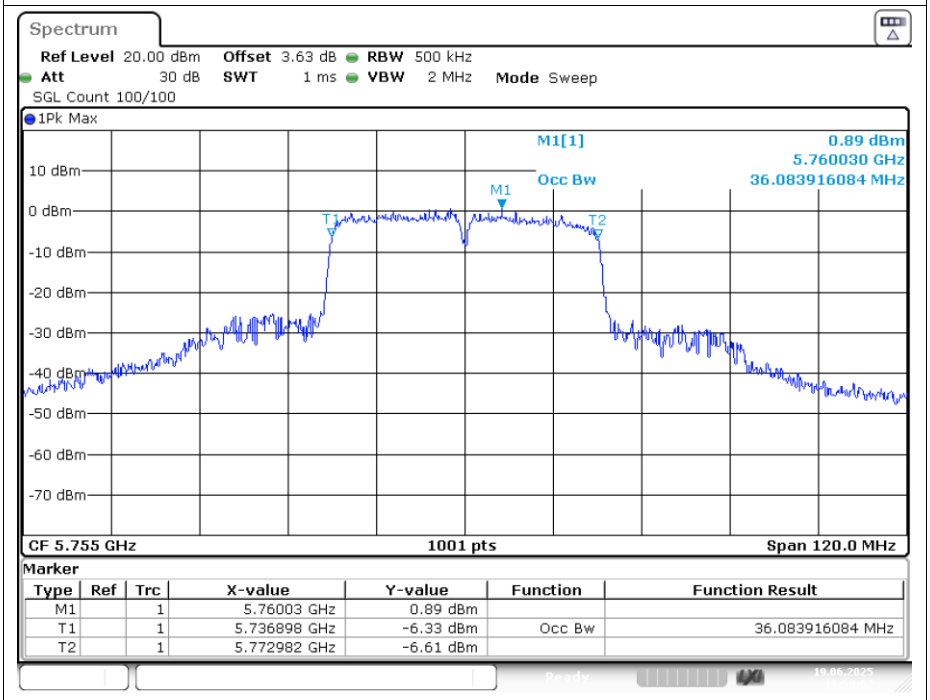

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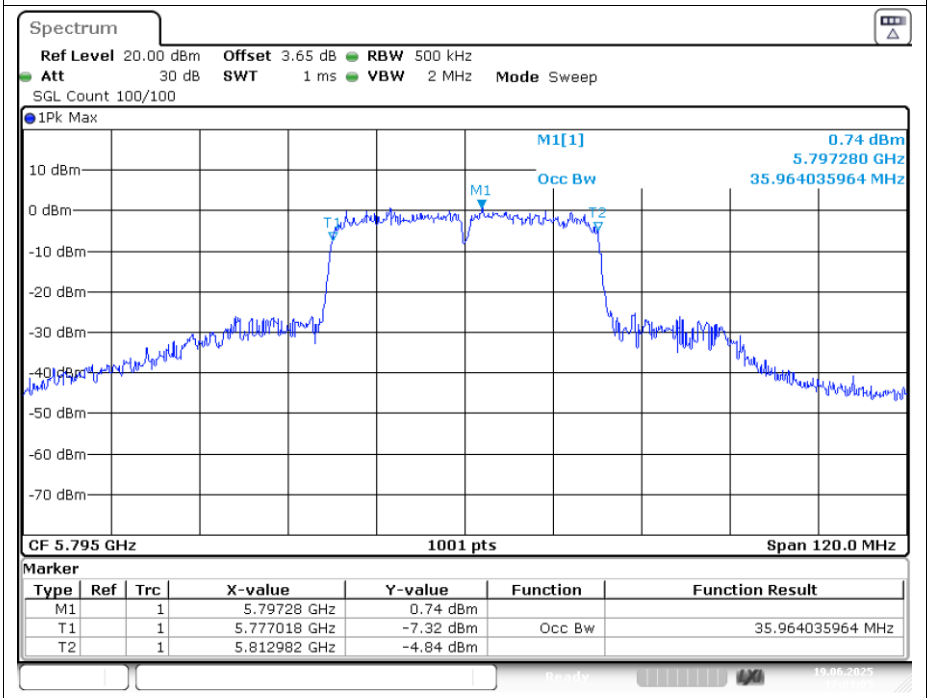
OBW NVNT n40 5795MHz Ant1



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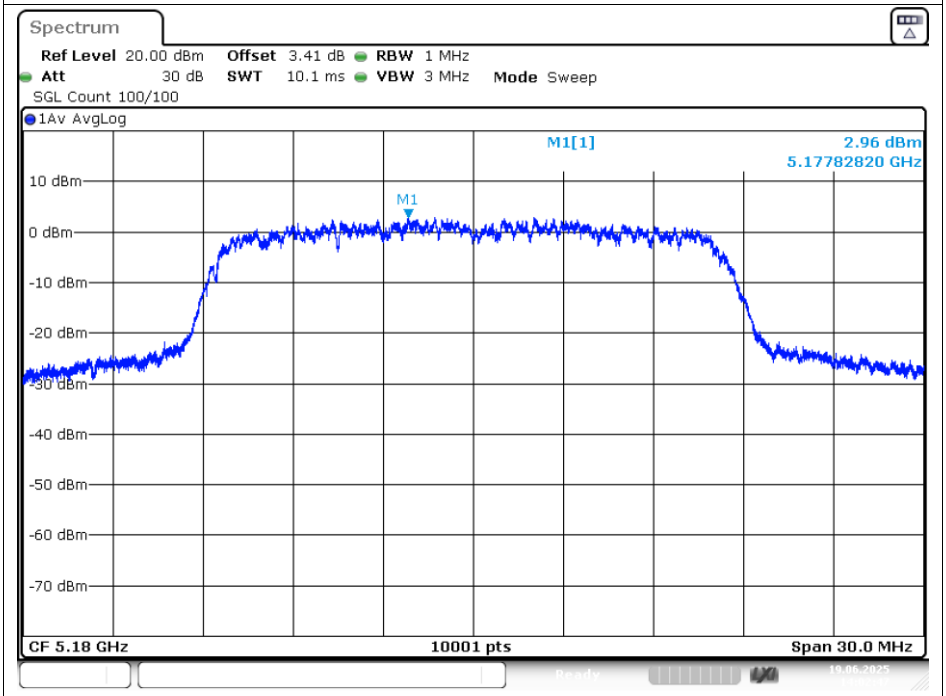
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	2.96	0.12	3.08	11	Pass
NVNT	a	5200	Ant1	2.6	0.12	2.72	11	Pass
NVNT	a	5240	Ant1	2.79	0.12	2.91	11	Pass
NVNT	a	5260	Ant1	2.23	0.12	2.35	11	Pass
NVNT	a	5280	Ant1	2.75	0.12	2.87	11	Pass
NVNT	a	5320	Ant1	2.79	0.12	2.91	11	Pass
NVNT	a	5500	Ant1	1.74	0.12	1.86	11	Pass
NVNT	a	5600	Ant1	1.34	0.12	1.46	11	Pass
NVNT	a	5700	Ant1	0	0.12	0.12	11	Pass
NVNT	a	5745	Ant1	-3.33	0.12	-3.21	30	Pass
NVNT	a	5785	Ant1	-4.2	0.12	-4.08	30	Pass
NVNT	a	5825	Ant1	-2.14	0.12	-2.02	30	Pass
NVNT	n20	5180	Ant1	-22.42	1.18	-21.24	11	Pass
NVNT	n20	5200	Ant1	-6.75	1.18	-5.57	11	Pass
NVNT	n20	5240	Ant1	-6.18	1.18	-5	11	Pass
NVNT	n20	5260	Ant1	-6.61	1.18	-5.43	11	Pass
NVNT	n20	5280	Ant1	-4.18	1.18	-3	11	Pass
NVNT	n20	5320	Ant1	-4.79	1.18	-3.61	11	Pass
NVNT	n20	5500	Ant1	-8.11	1.18	-6.93	11	Pass
NVNT	n20	5600	Ant1	-8.06	1.18	-6.88	11	Pass
NVNT	n20	5700	Ant1	-9.93	0.97	-8.96	11	Pass
NVNT	n20	5745	Ant1	-11.65	1.18	-10.47	30	Pass
NVNT	n20	5785	Ant1	-12.24	1.18	-11.06	30	Pass
NVNT	n20	5825	Ant1	-11	1.18	-9.82	30	Pass
NVNT	n40	5190	Ant1	-16.79	1.46	-15.33	11	Pass
NVNT	n40	5230	Ant1	-14.83	1.46	-13.37	11	Pass
NVNT	n40	5270	Ant1	-15.08	1.46	-13.62	11	Pass
NVNT	n40	5310	Ant1	-16.17	1.46	-14.71	11	Pass
NVNT	n40	5510	Ant1	-17.68	1.46	-16.22	11	Pass
NVNT	n40	5590	Ant1	-14.88	1.46	-13.42	11	Pass
NVNT	n40	5670	Ant1	-15.95	1.46	-14.49	11	Pass
NVNT	n40	5755	Ant1	-18.99	1.46	-17.53	30	Pass
NVNT	n40	5795	Ant1	-17.84	1.46	-16.38	30	Pass

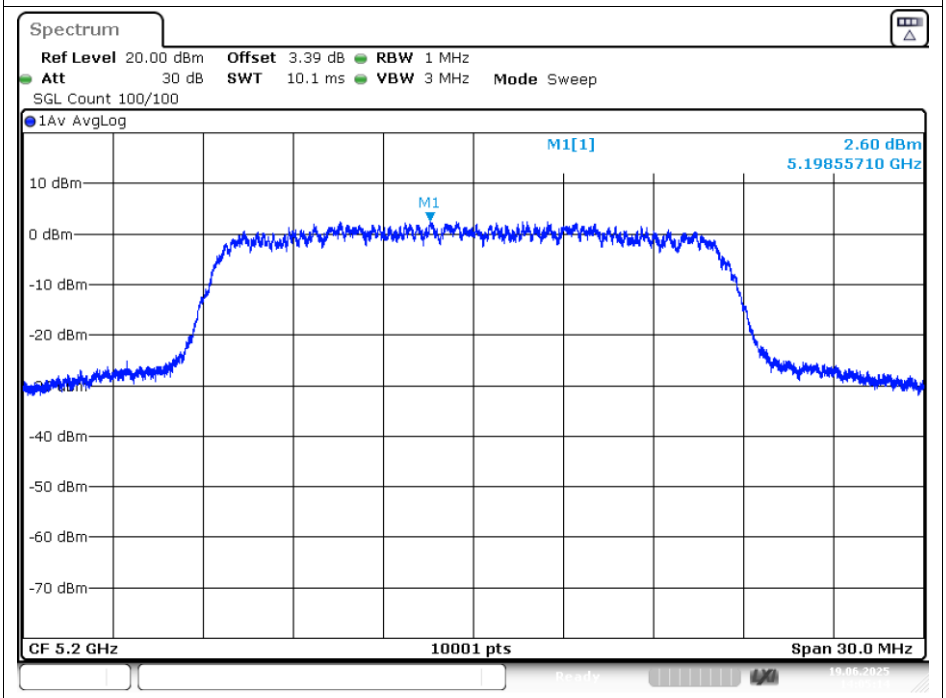
Test Graphs

PSD NVNT a 5180MHz Ant1



Date: 19.JUN.2025 14:02:47

PSD NVNT a 5200MHz Ant1



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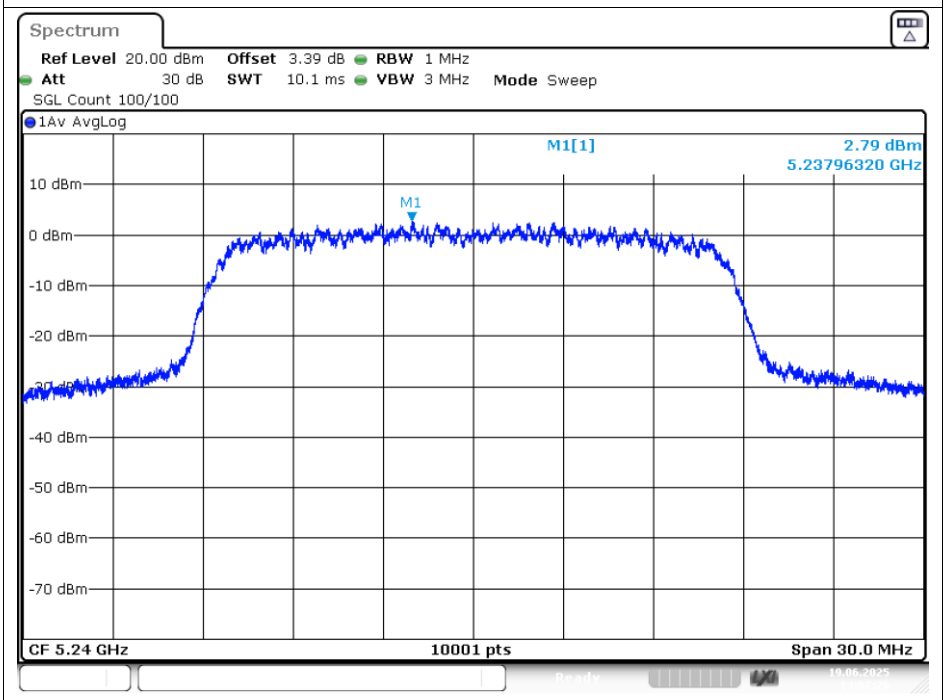
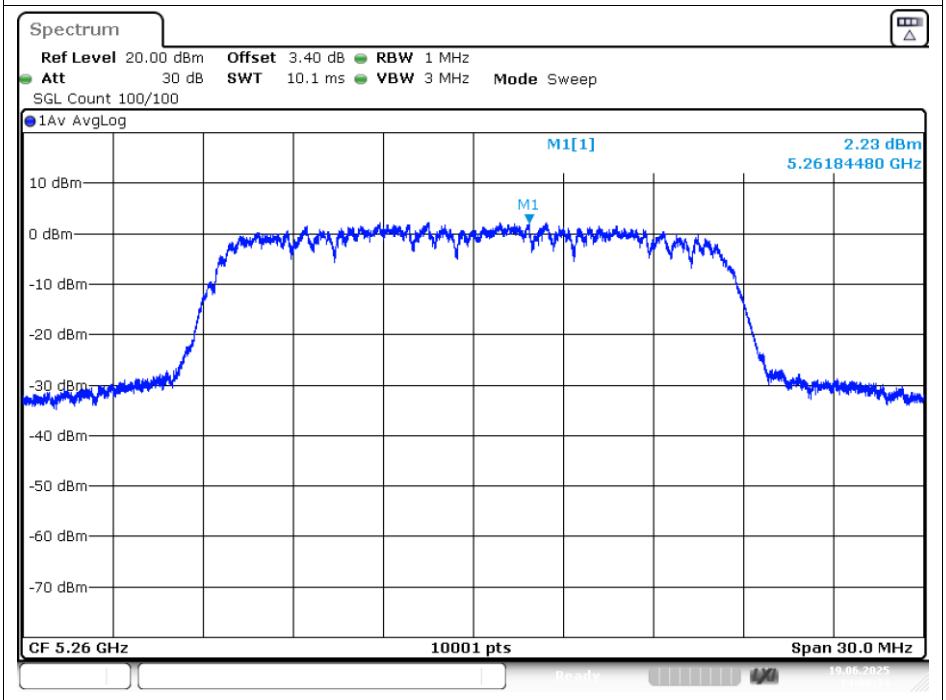
PSD NVNT a 5240MHz Ant1



Date: 19.JUN.2025 14:07:26

PSD NVNT a 5260MHz Ant1



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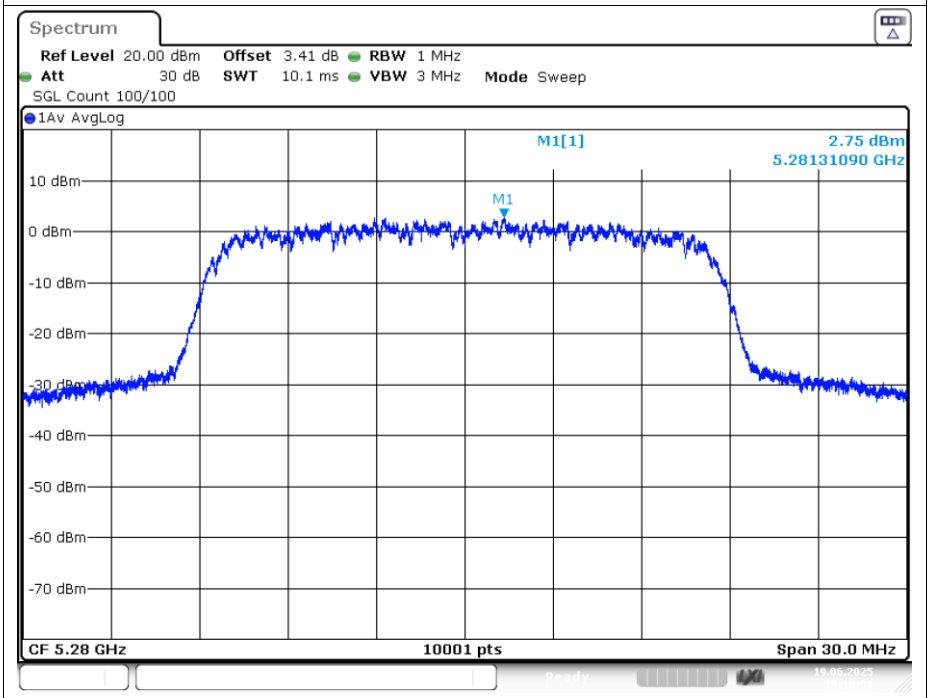
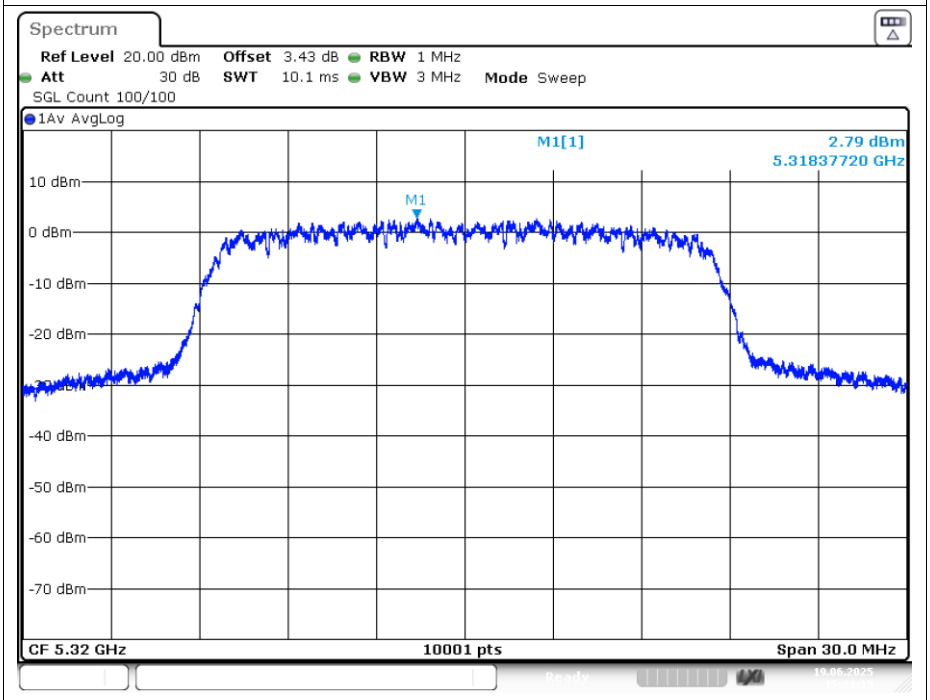
PSD NVNT a 5280MHz Ant1



Date: 19.JUN.2025 15:19:01

PSD NVNT a 5320MHz Ant1



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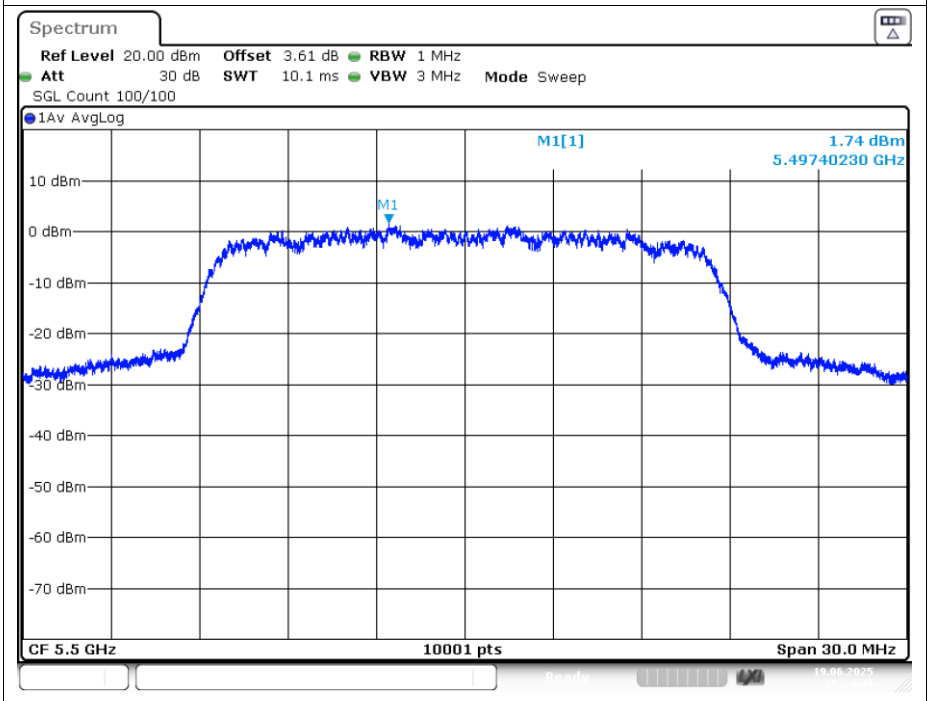
PSD NVNT a 5500MHz Ant1



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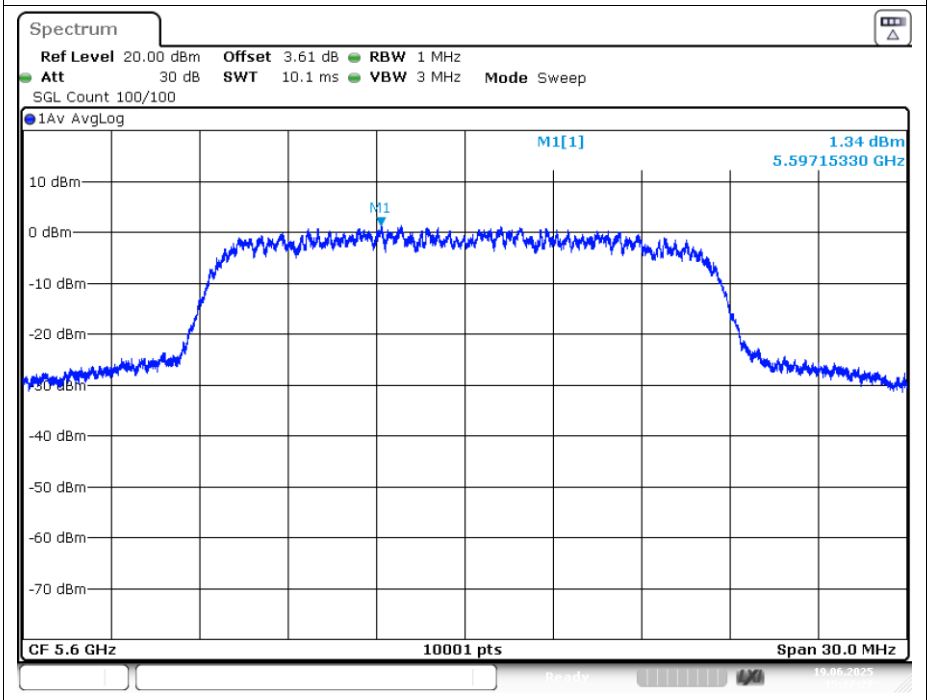

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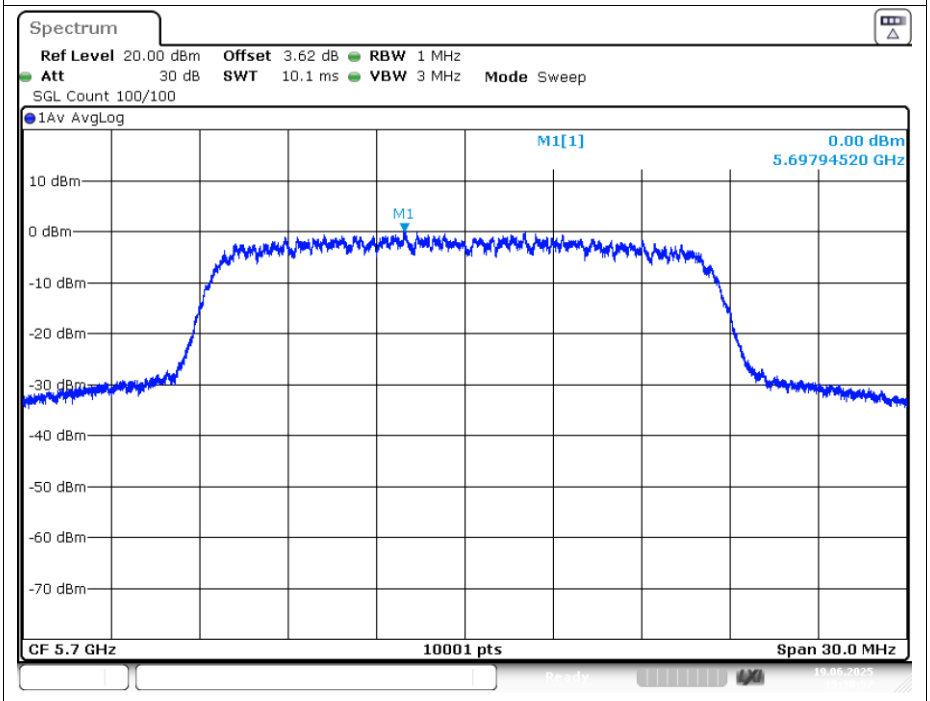
PSD NVNT a 5700MHz Ant1



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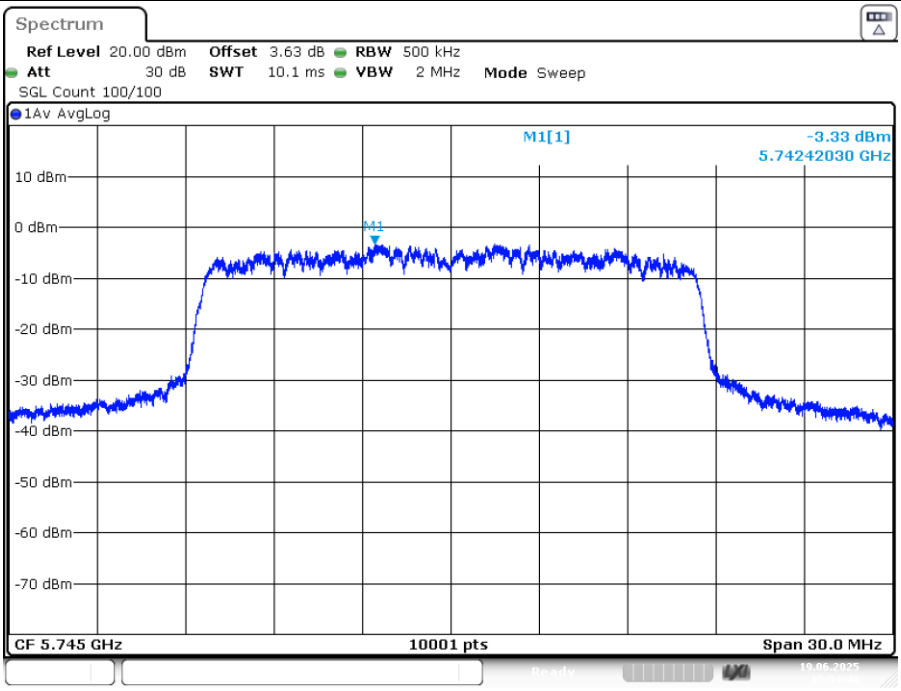

Date: 19.JUN.2025 15:34:46

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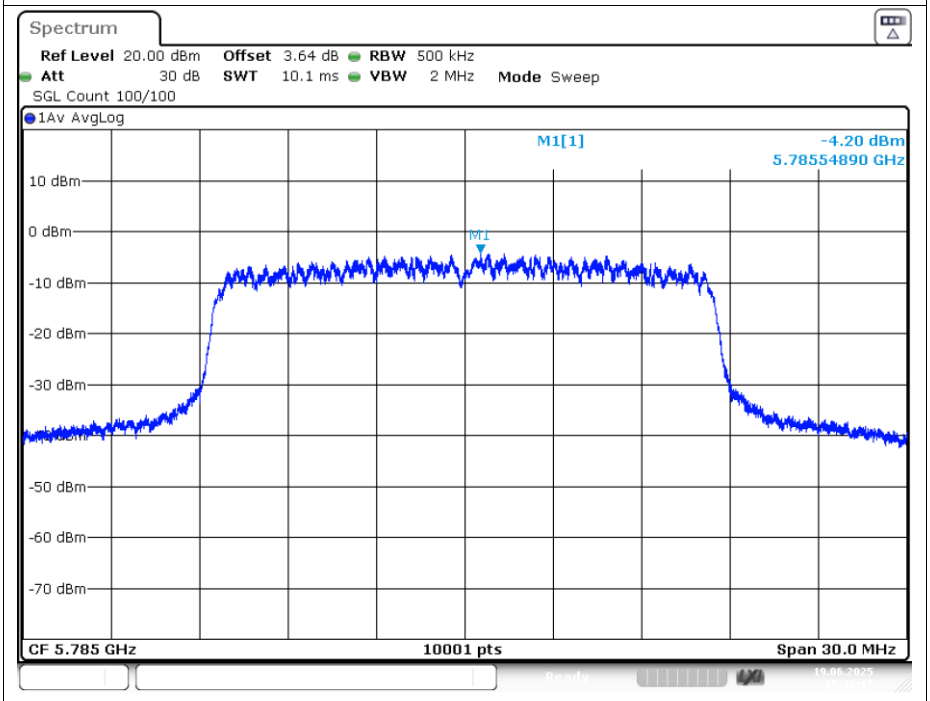

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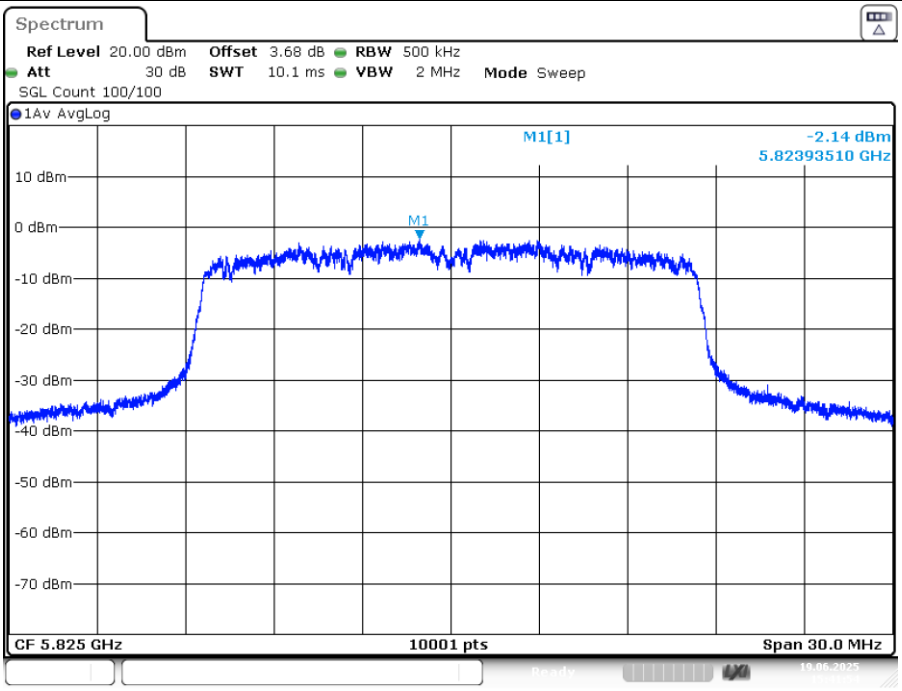
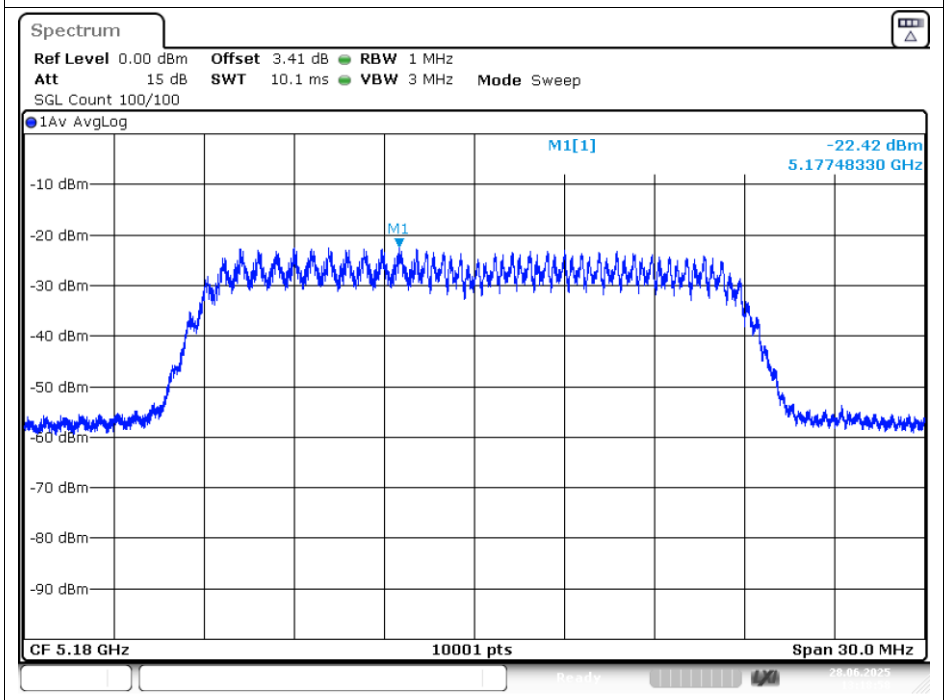
PSD NVNT a 5825MHz Ant1



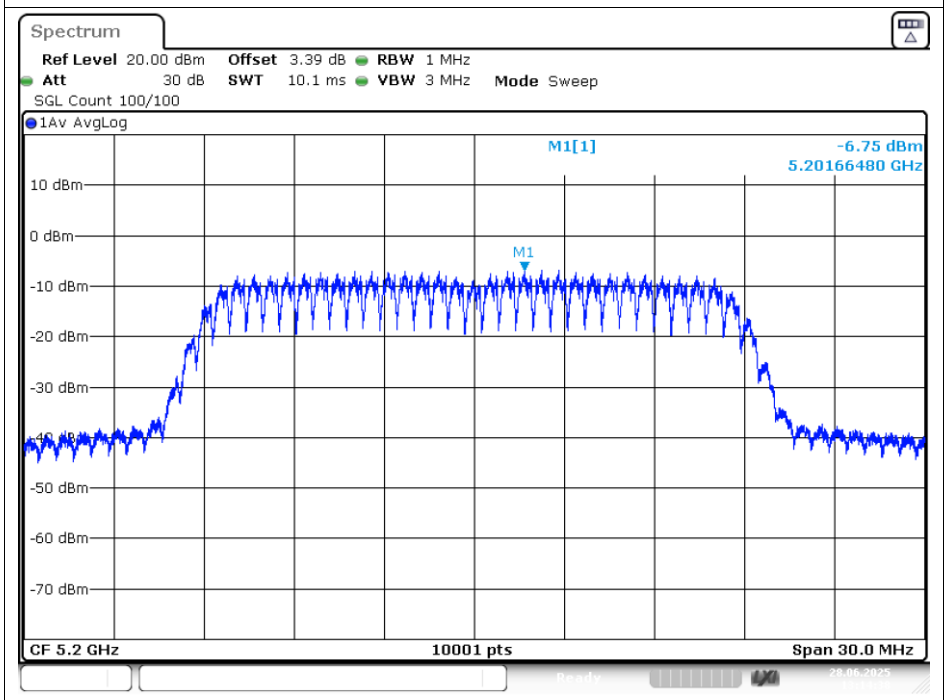
Date: 19.JUN.2025 15:41:53

PSD NVNT n20 5180MHz Ant1



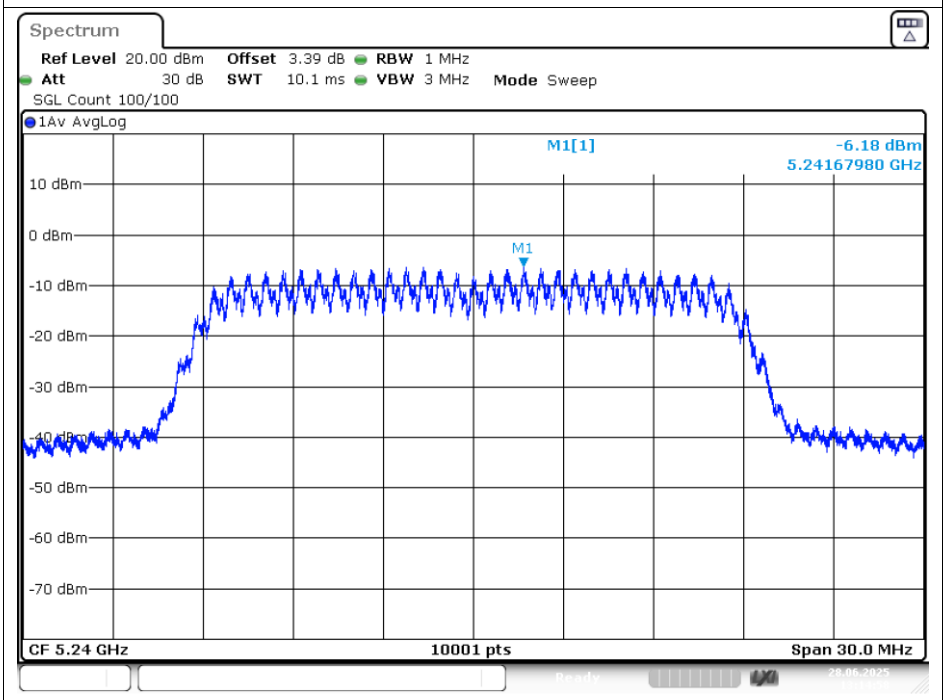
Date: 28.JUN.2025 13:18:58

PSD NVNT n20 5200MHz Ant1



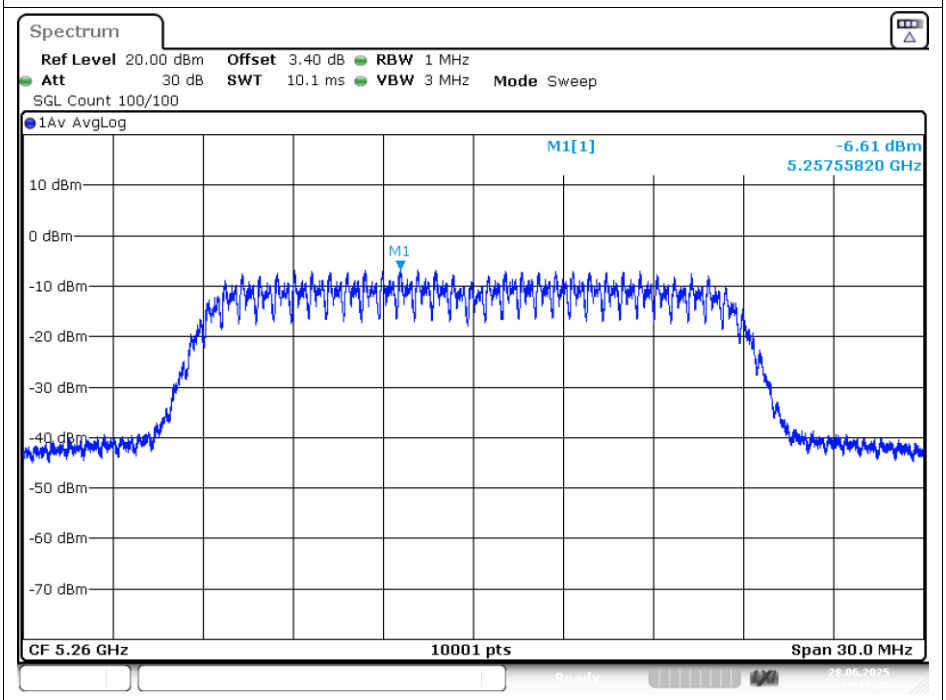
Date: 28.JUN.2025 13:14:38

PSD NVNT n20 5240MHz Ant1



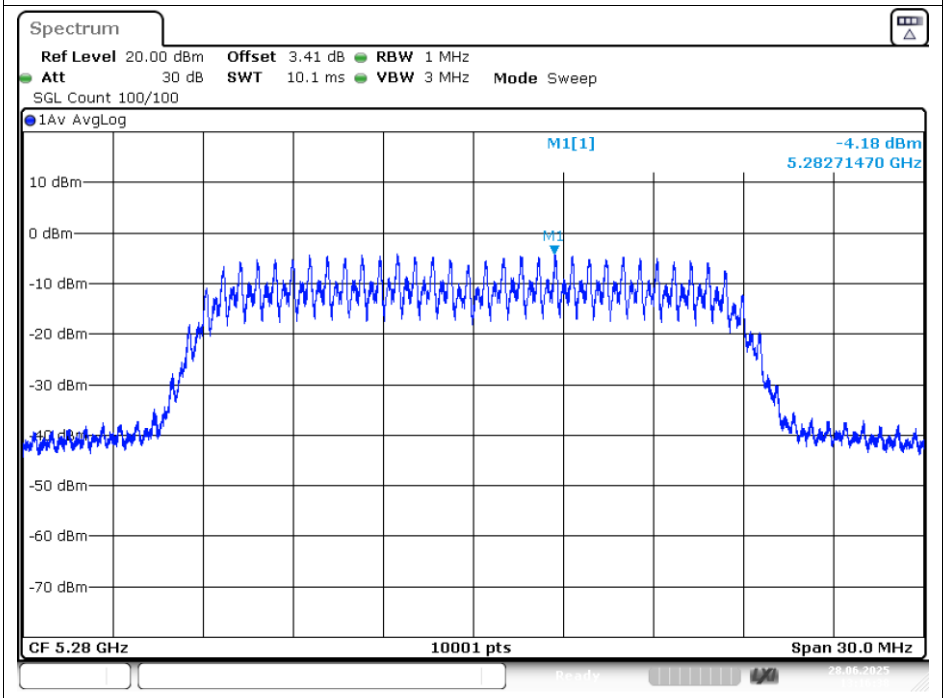
Date: 28.JUN.2025 13:14:59

PSD NVNT n20 5260MHz Ant1



Date: 28.JUN.2025 13:15:26

PSD NVNT n20 5280MHz Ant1



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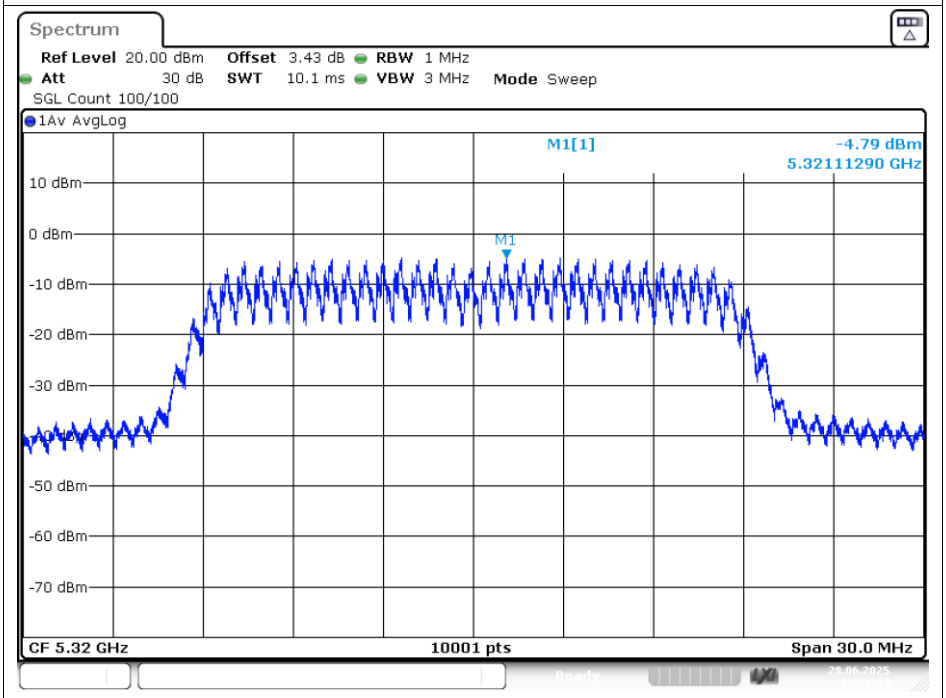
PSD NVNT n20 5320MHz Ant1



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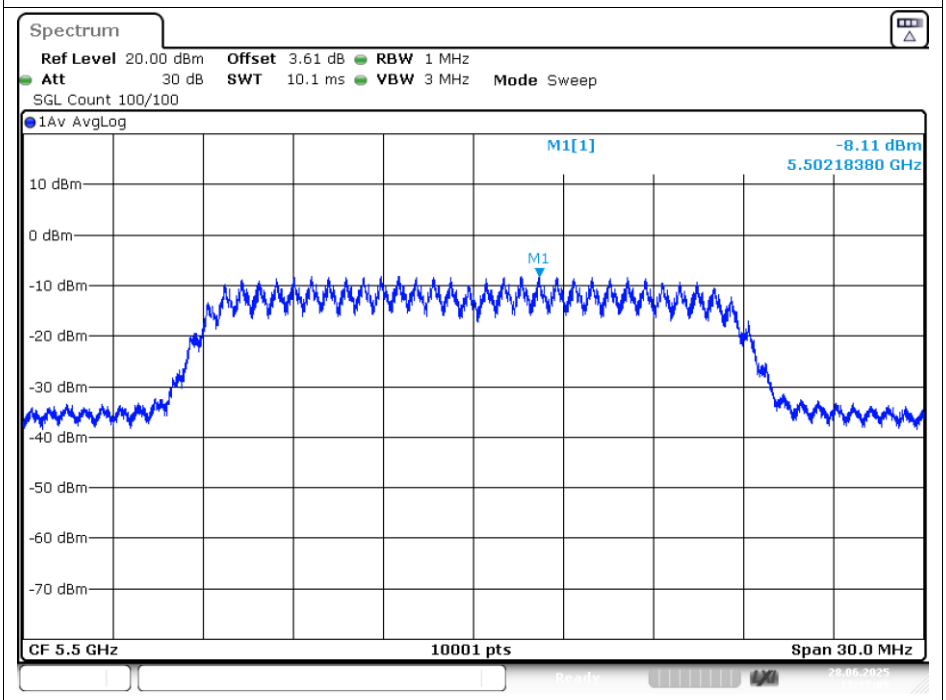
PSD NVNT n20 5500MHz Ant1



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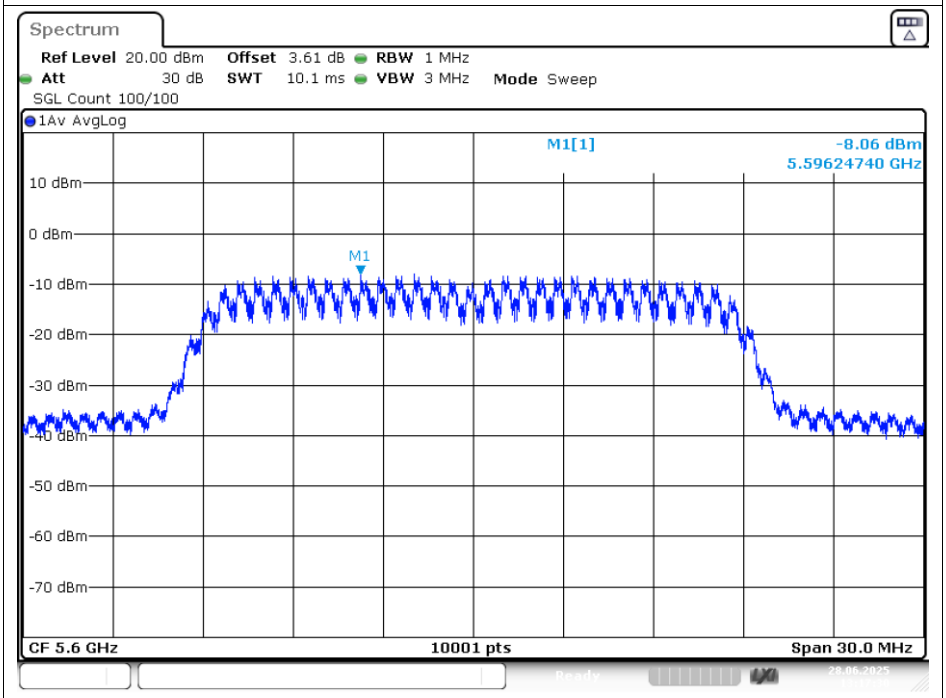
PSD NVNT n20 5600MHz Ant1



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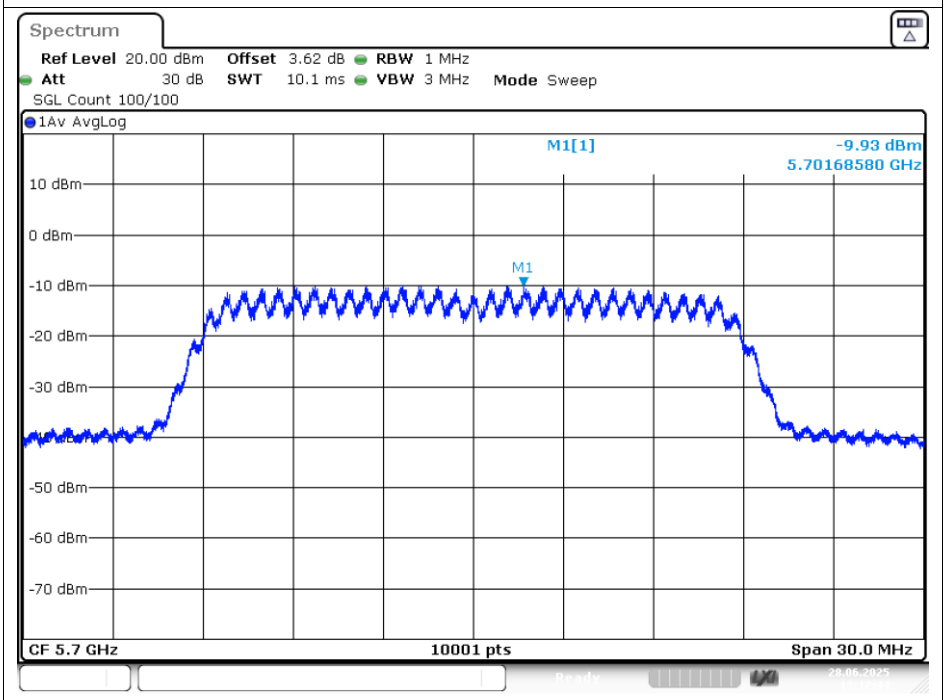
PSD NVNT n20 5700MHz Ant1



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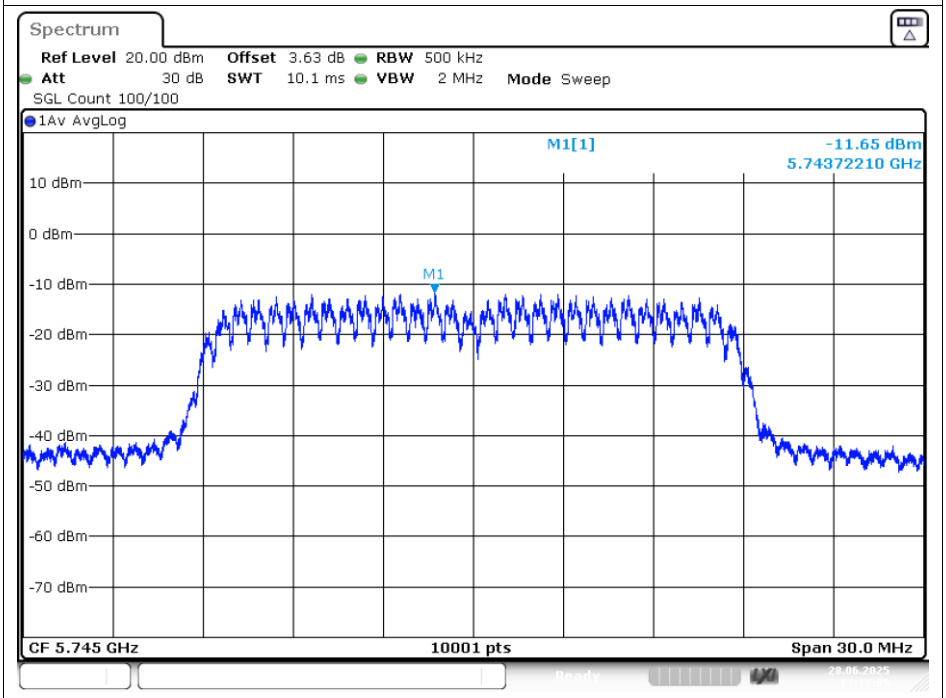
PSD NVNT n20 5745MHz Ant1



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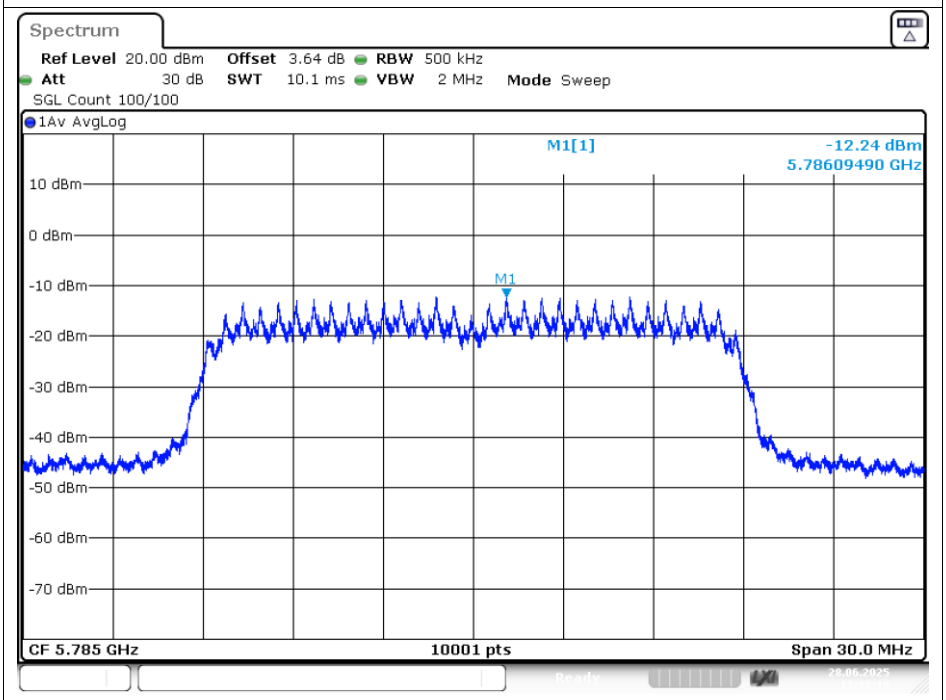
PSD NVNT n20 5785MHz Ant1



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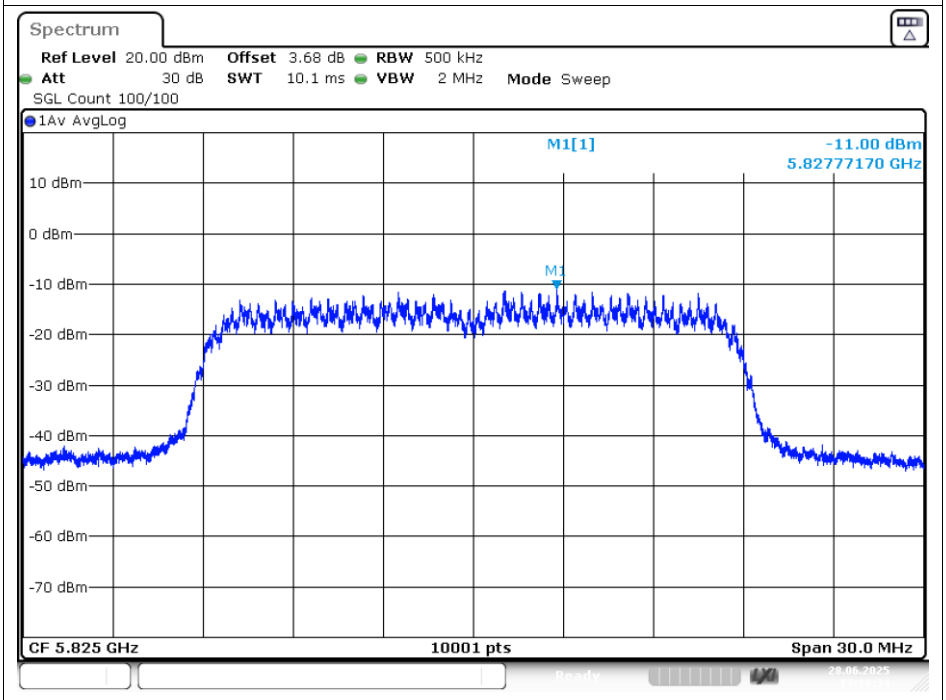
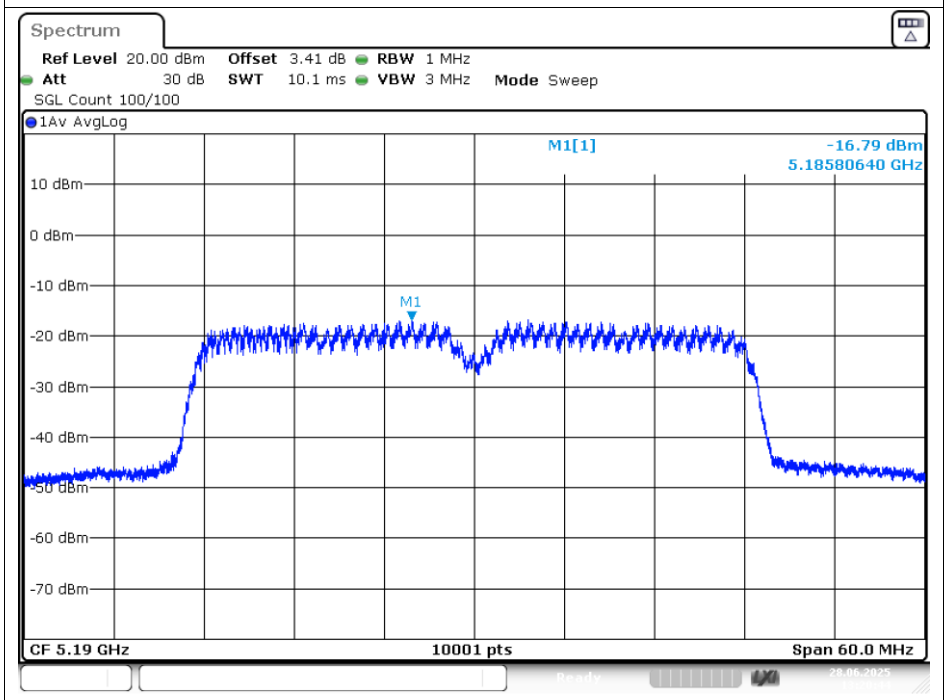
PSD NVNT n20 5825MHz Ant1



Date: 28.JUN.2025 13:18:34

PSD NVNT n40 5190MHz Ant1



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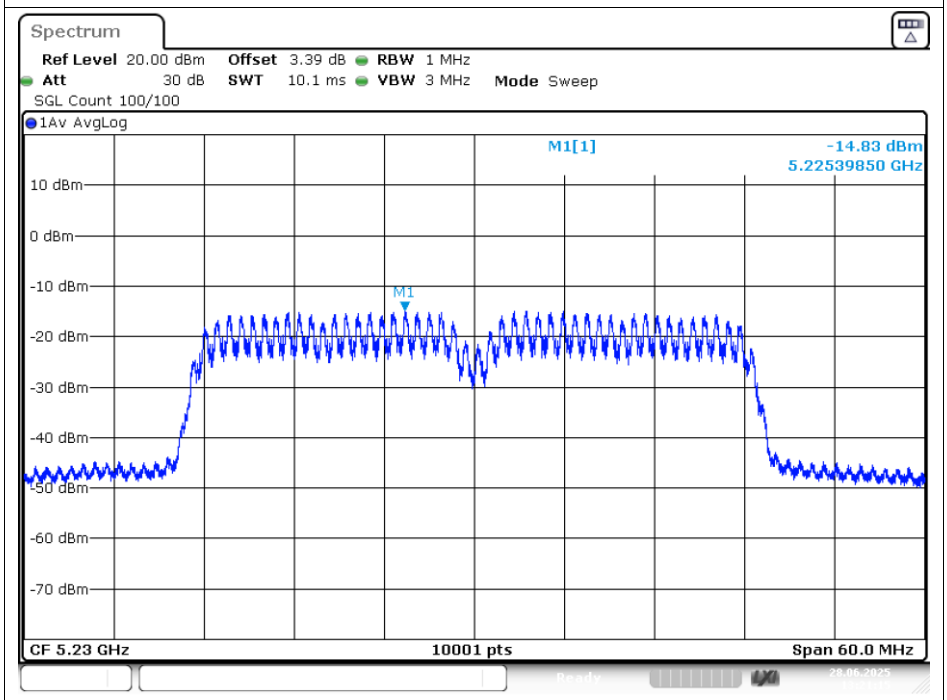
PSD NVNT n40 5230MHz Ant1



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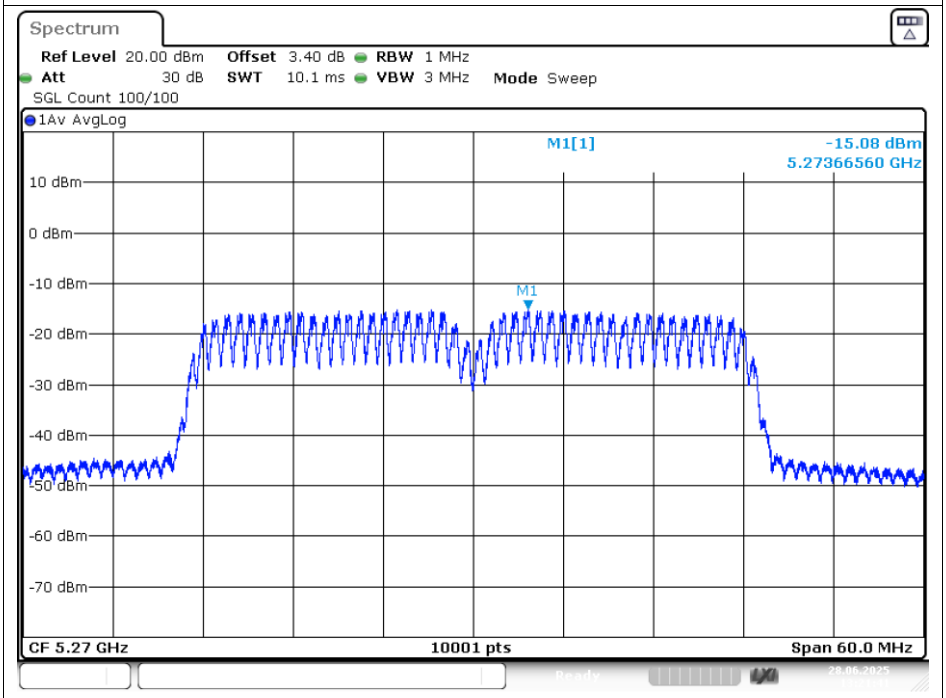
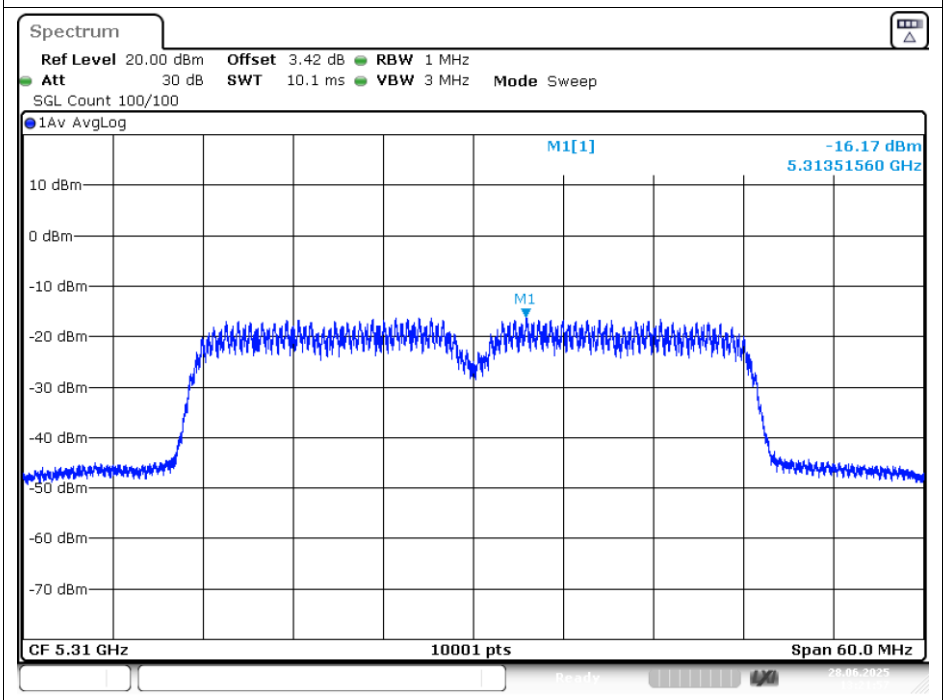


Date: 28.JUN.2025 13:21:40

PSD NVNT n40 5310MHz Ant1



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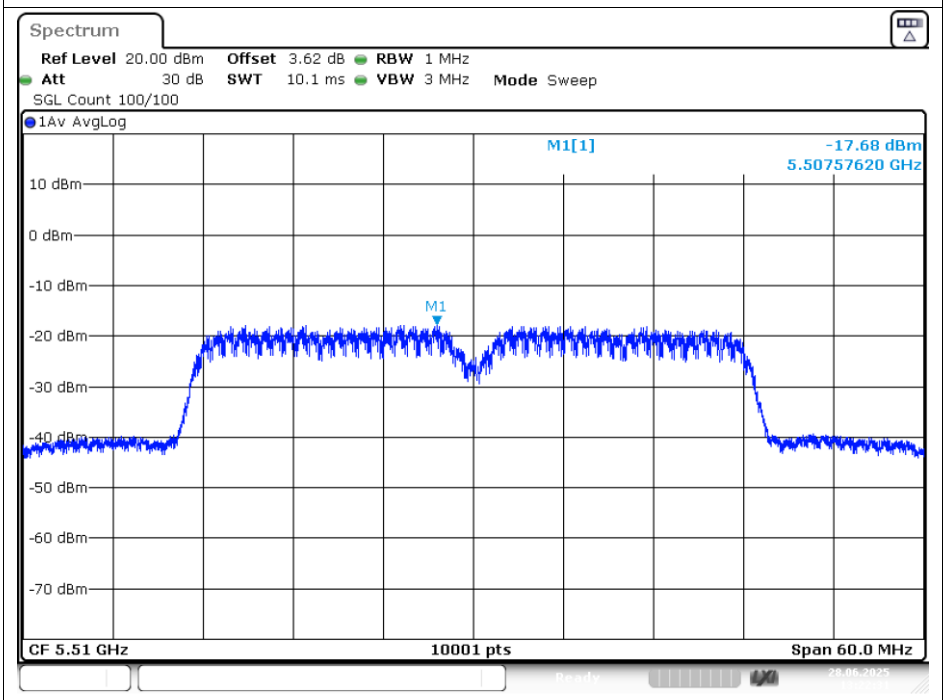
PSD NVNT n40 5510MHz Ant1



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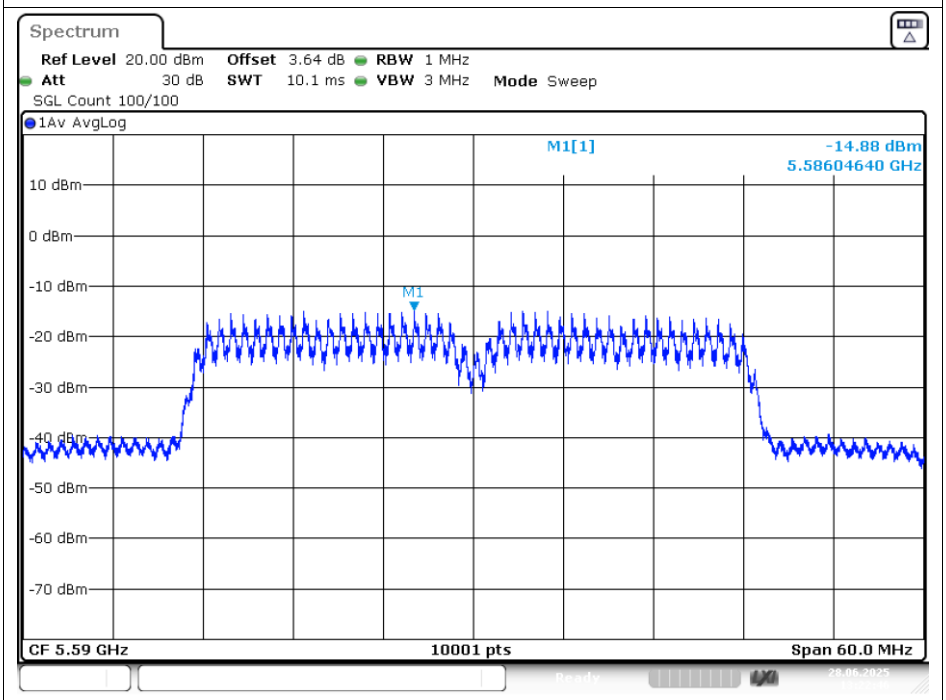

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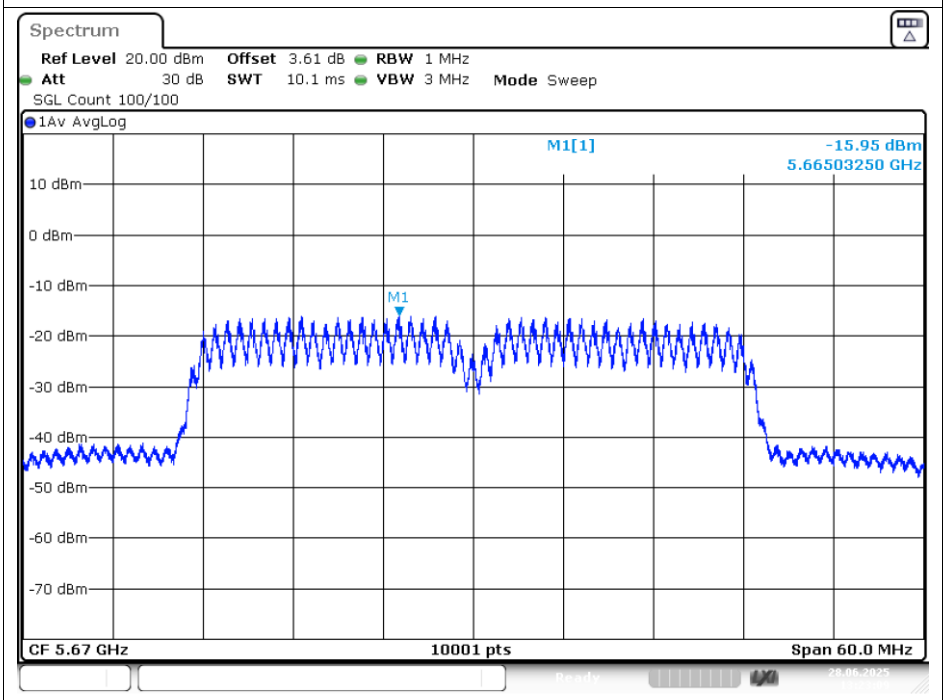
PSD NVNT n40 5670MHz Ant1



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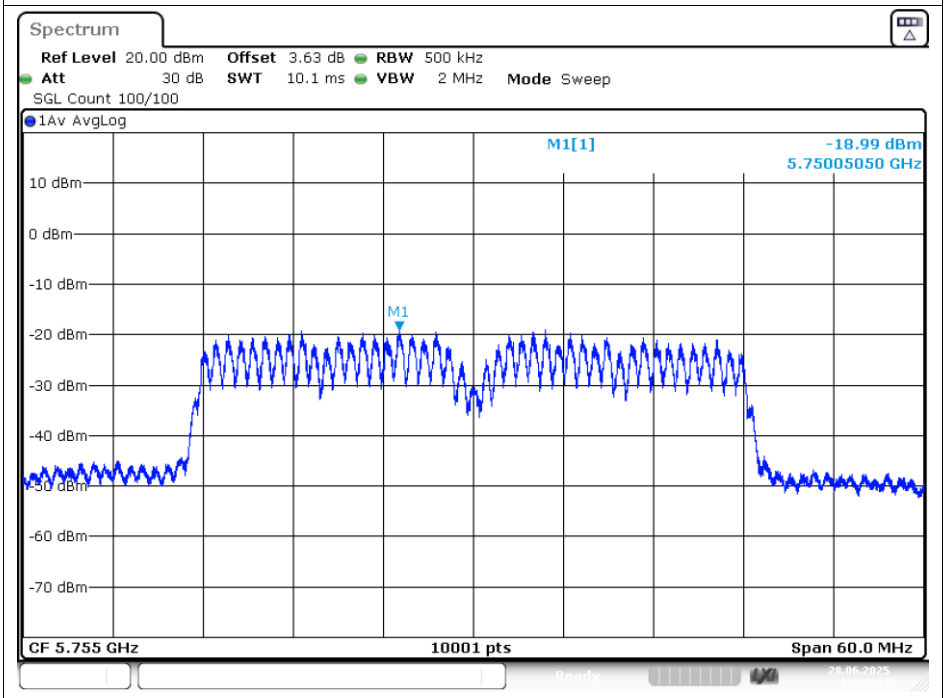
PSD NVNT n40 5755MHz Ant1



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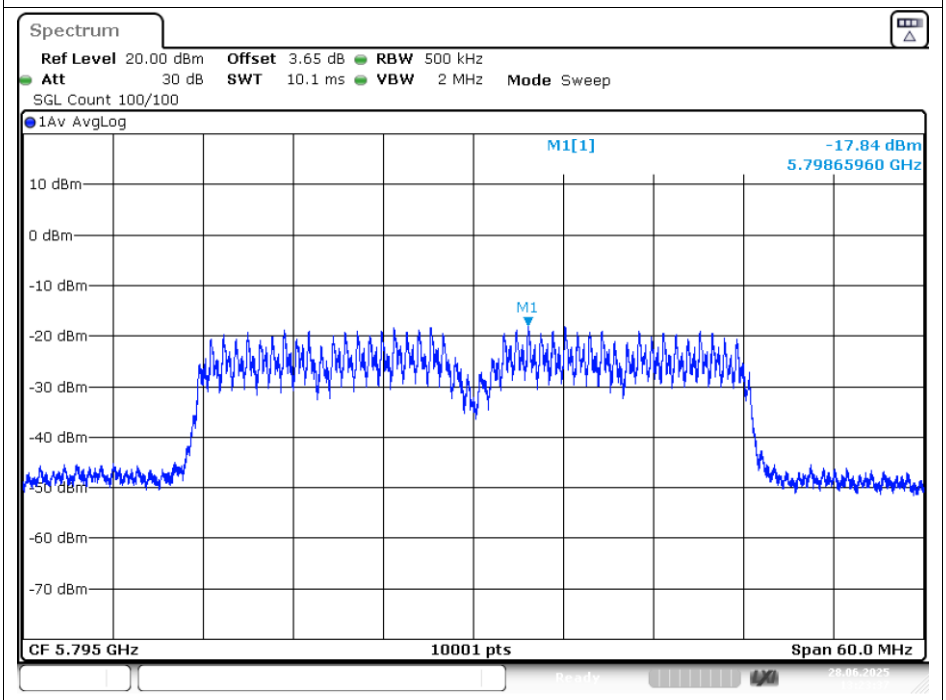
PSD NVNT n40 5795MHz Ant1



Frequency Stability

Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 3.83V	a	0	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 4.5V	a	0	5180	Ant1	5179.94	-60000	-11.58	25	Pass
20C 5.18V	a	0	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-20C 4.5V	a	0	5180	Ant1	5179.98	-20000	-3.86	25	Pass
-10C 4.5V	a	0	5180	Ant1	5179.98	-20000	-3.86	25	Pass
0C 4.5V	a	0	5180	Ant1	5179.98	-20000	-3.86	25	Pass
10C 4.5V	a	0	5180	Ant1	5180	0	0	25	Pass
30C 4.5V	a	0	5180	Ant1	5179.98	-20000	-3.86	25	Pass
40C 4.5V	a	0	5180	Ant1	5179.96	-40000	-7.72	25	Pass
50C 4.5V	a	0	5180	Ant1	5179.98	-20000	-3.86	25	Pass
20C 3.83V	a	0	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 4.5V	a	0	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 5.18V	a	0	5200	Ant1	5200	0	0	25	Pass
-20C 4.5V	a	0	5200	Ant1	5199.98	-20000	-3.85	25	Pass
-10C 4.5V	a	0	5200	Ant1	5199.98	-20000	-3.85	25	Pass
0C 4.5V	a	0	5200	Ant1	5199.96	-40000	-7.69	25	Pass
10C 4.5V	a	0	5200	Ant1	5199.98	-20000	-3.85	25	Pass
30C 4.5V	a	0	5200	Ant1	5199.96	-40000	-7.69	25	Pass
40C 4.5V	a	0	5200	Ant1	5199.98	-20000	-3.85	25	Pass
50C 4.5V	a	0	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 3.83V	a	0	5240	Ant1	5239.96	-40000	-7.63	25	Pass
20C 4.5V	a	0	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 5.18V	a	0	5240	Ant1	5239.98	-20000	-3.82	25	Pass
-20C 4.5V	a	0	5240	Ant1	5239.94	-60000	-11.45	25	Pass
-10C 4.5V	a	0	5240	Ant1	5239.98	-20000	-3.82	25	Pass
0C 4.5V	a	0	5240	Ant1	5239.98	-20000	-3.82	25	Pass
10C 4.5V	a	0	5240	Ant1	5239.96	-40000	-7.63	25	Pass
30C 4.5V	a	0	5240	Ant1	5239.98	-20000	-3.82	25	Pass
40C 4.5V	a	0	5240	Ant1	5239.98	-20000	-3.82	25	Pass
50C 4.5V	a	0	5240	Ant1	5240	0	0	25	Pass
20C	a	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass

3.83V									
20C 4.5V	a	0	5260	Ant1	5259.96	-40000	-7.6	25	Pass
20C 5.18V	a	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
-20C 4.5V	a	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
-10C 4.5V	a	0	5260	Ant1	5259.96	-40000	-7.6	25	Pass
0C 4.5V	a	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
10C 4.5V	a	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
30C 4.5V	a	0	5260	Ant1	5259.96	-40000	-7.6	25	Pass
40C 4.5V	a	0	5260	Ant1	5260	0	0	25	Pass
50C 4.5V	a	0	5260	Ant1	5259.96	-40000	-7.6	25	Pass
20C 3.83V	a	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
20C 4.5V	a	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
20C 5.18V	a	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
-20C 4.5V	a	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
-10C 4.5V	a	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
0C 4.5V	a	0	5280	Ant1	5279.94	-60000	-11.36	25	Pass
10C 4.5V	a	0	5280	Ant1	5280.02	20000	3.79	25	Pass
30C 4.5V	a	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
40C 4.5V	a	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
50C 4.5V	a	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
20C 3.83V	a	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
20C 4.5V	a	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
20C 5.18V	a	0	5320	Ant1	5319.94	-60000	-11.28	25	Pass
-20C 4.5V	a	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
-10C 4.5V	a	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
0C 4.5V	a	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
10C 4.5V	a	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
30C 4.5V	a	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
40C 4.5V	a	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
50C 4.5V	a	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
20C 3.83V	a	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
20C 4.5V	a	0	5500	Ant1	5499.96	-40000	-7.27	25	Pass
20C 5.18V	a	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
-20C 4.5V	a	0	5500	Ant1	5499.96	-40000	-7.27	25	Pass
-10C 4.5V	a	0	5500	Ant1	5499.96	-40000	-7.27	25	Pass

0C 4.5V	a	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
10C 4.5V	a	0	5500	Ant1	5499.96	-40000	-7.27	25	Pass
30C 4.5V	a	0	5500	Ant1	5499.96	-40000	-7.27	25	Pass
40C 4.5V	a	0	5500	Ant1	5499.96	-40000	-7.27	25	Pass
50C 4.5V	a	0	5500	Ant1	5499.96	-40000	-7.27	25	Pass
20C 3.83V	a	0	5600	Ant1	5599.98	-20000	-3.57	25	Pass
20C 4.5V	a	0	5600	Ant1	5599.96	-40000	-7.14	25	Pass
20C 5.18V	a	0	5600	Ant1	5599.98	-20000	-3.57	25	Pass
-20C 4.5V	a	0	5600	Ant1	5599.96	-40000	-7.14	25	Pass
-10C 4.5V	a	0	5600	Ant1	5599.98	-20000	-3.57	25	Pass
0C 4.5V	a	0	5600	Ant1	5599.98	-20000	-3.57	25	Pass
10C 4.5V	a	0	5600	Ant1	5599.96	-40000	-7.14	25	Pass
30C 4.5V	a	0	5600	Ant1	5599.96	-40000	-7.14	25	Pass
40C 4.5V	a	0	5600	Ant1	5599.98	-20000	-3.57	25	Pass
50C 4.5V	a	0	5600	Ant1	5599.98	-20000	-3.57	25	Pass
20C 3.83V	a	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
20C 4.5V	a	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
20C 5.18V	a	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
-20C 4.5V	a	0	5700	Ant1	5699.96	-40000	-7.02	25	Pass
-10C 4.5V	a	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
0C 4.5V	a	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
10C 4.5V	a	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
30C 4.5V	a	0	5700	Ant1	5699.96	-40000	-7.02	25	Pass
40C 4.5V	a	0	5700	Ant1	5699.96	-40000	-7.02	25	Pass
50C 4.5V	a	0	5700	Ant1	5699.96	-40000	-7.02	25	Pass
20C 3.83V	a	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 4.5V	a	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 5.18V	a	0	5745	Ant1	5744.96	-40000	-6.96	25	Pass
-20C 4.5V	a	0	5745	Ant1	5744.96	-40000	-6.96	25	Pass
-10C 4.5V	a	0	5745	Ant1	5744.96	-40000	-6.96	25	Pass
0C 4.5V	a	0	5745	Ant1	5744.96	-40000	-6.96	25	Pass
10C 4.5V	a	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
30C 4.5V	a	0	5745	Ant1	5744.96	-40000	-6.96	25	Pass
40C 4.5V	a	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
50C 4.5V	a	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C	a	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass

3.83V									
20C 4.5V	a	0	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 5.18V	a	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
-20C 4.5V	a	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
-10C 4.5V	a	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
0C 4.5V	a	0	5785	Ant1	5784.96	-40000	-6.91	25	Pass
10C 4.5V	a	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
30C 4.5V	a	0	5785	Ant1	5784.96	-40000	-6.91	25	Pass
40C 4.5V	a	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
50C 4.5V	a	0	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 3.83V	a	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 4.5V	a	0	5825	Ant1	5825	0	0	25	Pass
20C 5.18V	a	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
-20C 4.5V	a	0	5825	Ant1	5824.96	-40000	-6.87	25	Pass
-10C 4.5V	a	0	5825	Ant1	5824.96	-40000	-6.87	25	Pass
0C 4.5V	a	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
10C 4.5V	a	0	5825	Ant1	5825	0	0	25	Pass
30C 4.5V	a	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
40C 4.5V	a	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
50C 4.5V	a	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 3.83V	n20	0	5180	Ant1	5179.96	-40000	-7.72	25	Pass
20C 4.5V	n20	0	5180	Ant1	5179.94	-60000	-11.58	25	Pass
20C 5.18V	n20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
-20C 4.5V	n20	0	5180	Ant1	5179.96	-40000	-7.72	25	Pass
-10C 4.5V	n20	0	5180	Ant1	5179.94	-60000	-11.58	25	Pass
0C 4.5V	n20	0	5180	Ant1	5179.96	-40000	-7.72	25	Pass
10C 4.5V	n20	0	5180	Ant1	5179.96	-40000	-7.72	25	Pass
30C 4.5V	n20	0	5180	Ant1	5179.94	-60000	-11.58	25	Pass
40C 4.5V	n20	0	5180	Ant1	5179.96	-40000	-7.72	25	Pass
50C 4.5V	n20	0	5180	Ant1	5180	0	0	25	Pass
20C 3.83V	n20	0	5200	Ant1	5199.96	-40000	-7.69	25	Pass
20C 4.5V	n20	0	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 5.18V	n20	0	5200	Ant1	5199.94	-60000	-11.54	25	Pass
-20C 4.5V	n20	0	5200	Ant1	5199.98	-20000	-3.85	25	Pass
-10C 4.5V	n20	0	5200	Ant1	5199.96	-40000	-7.69	25	Pass

0C 4.5V	n20	0	5200	Ant1	5200	0	0	25	Pass
10C 4.5V	n20	0	5200	Ant1	5199.96	-40000	-7.69	25	Pass
30C 4.5V	n20	0	5200	Ant1	5199.98	-20000	-3.85	25	Pass
40C 4.5V	n20	0	5200	Ant1	5199.96	-40000	-7.69	25	Pass
50C 4.5V	n20	0	5200	Ant1	5199.98	-20000	-3.85	25	Pass
20C 3.83V	n20	0	5240	Ant1	5239.98	-20000	-3.82	25	Pass
20C 4.5V	n20	0	5240	Ant1	5239.94	-60000	-11.45	25	Pass
20C 5.18V	n20	0	5240	Ant1	5240	0	0	25	Pass
-20C 4.5V	n20	0	5240	Ant1	5239.98	-20000	-3.82	25	Pass
-10C 4.5V	n20	0	5240	Ant1	5239.98	-20000	-3.82	25	Pass
0C 4.5V	n20	0	5240	Ant1	5239.98	-20000	-3.82	25	Pass
10C 4.5V	n20	0	5240	Ant1	5239.96	-40000	-7.63	25	Pass
30C 4.5V	n20	0	5240	Ant1	5239.92	-80000	-15.27	25	Pass
40C 4.5V	n20	0	5240	Ant1	5239.96	-40000	-7.63	25	Pass
50C 4.5V	n20	0	5240	Ant1	5240	0	0	25	Pass
20C 3.83V	n20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
20C 4.5V	n20	0	5260	Ant1	5259.96	-40000	-7.6	25	Pass
20C 5.18V	n20	0	5260	Ant1	5259.96	-40000	-7.6	25	Pass
-20C 4.5V	n20	0	5260	Ant1	5259.96	-40000	-7.6	25	Pass
-10C 4.5V	n20	0	5260	Ant1	5259.96	-40000	-7.6	25	Pass
0C 4.5V	n20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
10C 4.5V	n20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
30C 4.5V	n20	0	5260	Ant1	5259.96	-40000	-7.6	25	Pass
40C 4.5V	n20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
50C 4.5V	n20	0	5260	Ant1	5259.96	-40000	-7.6	25	Pass
20C 3.83V	n20	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
20C 4.5V	n20	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
20C 5.18V	n20	0	5280	Ant1	5279.94	-60000	-11.36	25	Pass
-20C 4.5V	n20	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
-10C 4.5V	n20	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
0C 4.5V	n20	0	5280	Ant1	5279.98	-20000	-3.79	25	Pass
10C 4.5V	n20	0	5280	Ant1	5279.96	-40000	-7.58	25	Pass
30C 4.5V	n20	0	5280	Ant1	5280	0	0	25	Pass
40C 4.5V	n20	0	5280	Ant1	5279.94	-60000	-11.36	25	Pass
50C 4.5V	n20	0	5280	Ant1	5279.94	-60000	-11.36	25	Pass
20C	n20	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass

3.83V									
20C 4.5V	n20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
20C 5.18V	n20	0	5320	Ant1	5319.94	-60000	-11.28	25	Pass
-20C 4.5V	n20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
-10C 4.5V	n20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
0C 4.5V	n20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
10C 4.5V	n20	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
30C 4.5V	n20	0	5320	Ant1	5320	0	0	25	Pass
40C 4.5V	n20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
50C 4.5V	n20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
20C 3.83V	n20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
20C 4.5V	n20	0	5500	Ant1	5499.94	-60000	-10.91	25	Pass
20C 5.18V	n20	0	5500	Ant1	5499.96	-40000	-7.27	25	Pass
-20C 4.5V	n20	0	5500	Ant1	5499.96	-40000	-7.27	25	Pass
-10C 4.5V	n20	0	5500	Ant1	5499.96	-40000	-7.27	25	Pass
0C 4.5V	n20	0	5500	Ant1	5499.94	-60000	-10.91	25	Pass
10C 4.5V	n20	0	5500	Ant1	5499.96	-40000	-7.27	25	Pass
30C 4.5V	n20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
40C 4.5V	n20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
50C 4.5V	n20	0	5500	Ant1	5499.98	-20000	-3.64	25	Pass
20C 3.83V	n20	0	5600	Ant1	5599.96	-40000	-7.14	25	Pass
20C 4.5V	n20	0	5600	Ant1	5599.96	-40000	-7.14	25	Pass
20C 5.18V	n20	0	5600	Ant1	5599.96	-40000	-7.14	25	Pass
-20C 4.5V	n20	0	5600	Ant1	5599.92	-80000	-14.29	25	Pass
-10C 4.5V	n20	0	5600	Ant1	5599.98	-20000	-3.57	25	Pass
0C 4.5V	n20	0	5600	Ant1	5599.96	-40000	-7.14	25	Pass
10C 4.5V	n20	0	5600	Ant1	5599.98	-20000	-3.57	25	Pass
30C 4.5V	n20	0	5600	Ant1	5599.94	-60000	-10.71	25	Pass
40C 4.5V	n20	0	5600	Ant1	5599.94	-60000	-10.71	25	Pass
50C 4.5V	n20	0	5600	Ant1	5599.96	-40000	-7.14	25	Pass
20C 3.83V	n20	0	5700	Ant1	5699.94	-60000	-10.53	25	Pass
20C 4.5V	n20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
20C 5.18V	n20	0	5700	Ant1	5700.02	20000	3.51	25	Pass
-20C 4.5V	n20	0	5700	Ant1	5699.96	-40000	-7.02	25	Pass
-10C 4.5V	n20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass

0C 4.5V	n20	0	5700	Ant1	5700	0	0	25	Pass
10C 4.5V	n20	0	5700	Ant1	5699.94	-60000	-10.53	25	Pass
30C 4.5V	n20	0	5700	Ant1	5699.96	-40000	-7.02	25	Pass
40C 4.5V	n20	0	5700	Ant1	5699.98	-20000	-3.51	25	Pass
50C 4.5V	n20	0	5700	Ant1	5699.94	-60000	-10.53	25	Pass
20C 3.83V	n20	0	5745	Ant1	5744.96	-40000	-6.96	25	Pass
20C 4.5V	n20	0	5745	Ant1	5744.94	-60000	-10.44	25	Pass
20C 5.18V	n20	0	5745	Ant1	5744.92	-80000	-13.93	25	Pass
-20C 4.5V	n20	0	5745	Ant1	5744.96	-40000	-6.96	25	Pass
-10C 4.5V	n20	0	5745	Ant1	5744.96	-40000	-6.96	25	Pass
0C 4.5V	n20	0	5745	Ant1	5744.96	-40000	-6.96	25	Pass
10C 4.5V	n20	0	5745	Ant1	5744.94	-60000	-10.44	25	Pass
30C 4.5V	n20	0	5745	Ant1	5744.94	-60000	-10.44	25	Pass
40C 4.5V	n20	0	5745	Ant1	5745	0	0	25	Pass
50C 4.5V	n20	0	5745	Ant1	5744.98	-20000	-3.48	25	Pass
20C 3.83V	n20	0	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 4.5V	n20	0	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 5.18V	n20	0	5785	Ant1	5784.96	-40000	-6.91	25	Pass
-20C 4.5V	n20	0	5785	Ant1	5784.96	-40000	-6.91	25	Pass
-10C 4.5V	n20	0	5785	Ant1	5784.98	-20000	-3.46	25	Pass
0C 4.5V	n20	0	5785	Ant1	5784.96	-40000	-6.91	25	Pass
10C 4.5V	n20	0	5785	Ant1	5784.96	-40000	-6.91	25	Pass
30C 4.5V	n20	0	5785	Ant1	5784.94	-60000	-10.37	25	Pass
40C 4.5V	n20	0	5785	Ant1	5784.96	-40000	-6.91	25	Pass
50C 4.5V	n20	0	5785	Ant1	5784.96	-40000	-6.91	25	Pass
20C 3.83V	n20	0	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C 4.5V	n20	0	5825	Ant1	5824.98	-20000	-3.43	25	Pass
20C 5.18V	n20	0	5825	Ant1	5824.96	-40000	-6.87	25	Pass
-20C 4.5V	n20	0	5825	Ant1	5824.96	-40000	-6.87	25	Pass
-10C 4.5V	n20	0	5825	Ant1	5825	0	0	25	Pass
0C 4.5V	n20	0	5825	Ant1	5824.96	-40000	-6.87	25	Pass
10C 4.5V	n20	0	5825	Ant1	5824.96	-40000	-6.87	25	Pass
30C 4.5V	n20	0	5825	Ant1	5824.96	-40000	-6.87	25	Pass
40C 4.5V	n20	0	5825	Ant1	5825	0	0	25	Pass
50C 4.5V	n20	0	5825	Ant1	5824.96	-40000	-6.87	25	Pass
20C	n40	0	5190	Ant1	5190	0	0	25	Pass

3.83V									
20C 4.5V	n40	0	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 5.18V	n40	0	5190	Ant1	5189.96	-40000	-7.71	25	Pass
-20C 4.5V	n40	0	5190	Ant1	5189.96	-40000	-7.71	25	Pass
-10C 4.5V	n40	0	5190	Ant1	5190	0	0	25	Pass
0C 4.5V	n40	0	5190	Ant1	5189.96	-40000	-7.71	25	Pass
10C 4.5V	n40	0	5190	Ant1	5189.96	-40000	-7.71	25	Pass
30C 4.5V	n40	0	5190	Ant1	5189.96	-40000	-7.71	25	Pass
40C 4.5V	n40	0	5190	Ant1	5189.96	-40000	-7.71	25	Pass
50C 4.5V	n40	0	5190	Ant1	5189.96	-40000	-7.71	25	Pass
20C 3.83V	n40	0	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 4.5V	n40	0	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 5.18V	n40	0	5230	Ant1	5229.96	-40000	-7.65	25	Pass
-20C 4.5V	n40	0	5230	Ant1	5230	0	0	25	Pass
-10C 4.5V	n40	0	5230	Ant1	5230	0	0	25	Pass
0C 4.5V	n40	0	5230	Ant1	5229.96	-40000	-7.65	25	Pass
10C 4.5V	n40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
30C 4.5V	n40	0	5230	Ant1	5229.96	-40000	-7.65	25	Pass
40C 4.5V	n40	0	5230	Ant1	5229.96	-40000	-7.65	25	Pass
50C 4.5V	n40	0	5230	Ant1	5229.96	-40000	-7.65	25	Pass
20C 3.83V	n40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
20C 4.5V	n40	0	5270	Ant1	5270	0	0	25	Pass
20C 5.18V	n40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
-20C 4.5V	n40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
-10C 4.5V	n40	0	5270	Ant1	5270	0	0	25	Pass
0C 4.5V	n40	0	5270	Ant1	5270	0	0	25	Pass
10C 4.5V	n40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
30C 4.5V	n40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
40C 4.5V	n40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
50C 4.5V	n40	0	5270	Ant1	5270	0	0	25	Pass
20C 3.83V	n40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
20C 4.5V	n40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
20C 5.18V	n40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
-20C 4.5V	n40	0	5310	Ant1	5309.92	-80000	-15.07	25	Pass
-10C 4.5V	n40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass

0C 4.5V	n40	0	5310	Ant1	5310	0	0	25	Pass
10C 4.5V	n40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
30C 4.5V	n40	0	5310	Ant1	5310	0	0	25	Pass
40C 4.5V	n40	0	5310	Ant1	5309.92	-80000	-15.07	25	Pass
50C 4.5V	n40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
20C 3.83V	n40	0	5510	Ant1	5509.92	-80000	-14.52	25	Pass
20C 4.5V	n40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
20C 5.18V	n40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
-20C 4.5V	n40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
-10C 4.5V	n40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
0C 4.5V	n40	0	5510	Ant1	5510	0	0	25	Pass
10C 4.5V	n40	0	5510	Ant1	5510	0	0	25	Pass
30C 4.5V	n40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
40C 4.5V	n40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
50C 4.5V	n40	0	5510	Ant1	5509.96	-40000	-7.26	25	Pass
20C 3.83V	n40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
20C 4.5V	n40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
20C 5.18V	n40	0	5590	Ant1	5589.88	-120000	-21.47	25	Pass
-20C 4.5V	n40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
-10C 4.5V	n40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
0C 4.5V	n40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
10C 4.5V	n40	0	5590	Ant1	5589.88	-120000	-21.47	25	Pass
30C 4.5V	n40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
40C 4.5V	n40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
50C 4.5V	n40	0	5590	Ant1	5589.96	-40000	-7.16	25	Pass
20C 3.83V	n40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
20C 4.5V	n40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
20C 5.18V	n40	0	5670	Ant1	5669.88	-120000	-21.16	25	Pass
-20C 4.5V	n40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
-10C 4.5V	n40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
0C 4.5V	n40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
10C 4.5V	n40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
30C 4.5V	n40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
40C 4.5V	n40	0	5670	Ant1	5669.96	-40000	-7.05	25	Pass
50C 4.5V	n40	0	5670	Ant1	5670	0	0	25	Pass
20C	n40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass

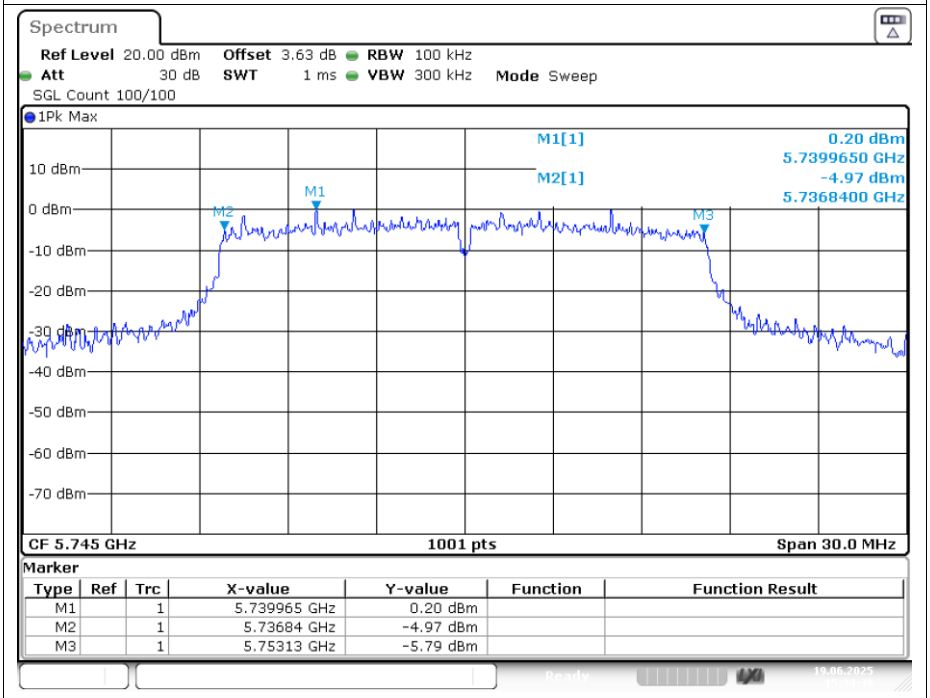
3.83V									
20C 4.5V	n40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 5.18V	n40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
-20C 4.5V	n40	0	5755	Ant1	5755	0	0	25	Pass
-10C 4.5V	n40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
0C 4.5V	n40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
10C 4.5V	n40	0	5755	Ant1	5754.92	-80000	-13.9	25	Pass
30C 4.5V	n40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
40C 4.5V	n40	0	5755	Ant1	5754.92	-80000	-13.9	25	Pass
50C 4.5V	n40	0	5755	Ant1	5754.96	-40000	-6.95	25	Pass
20C 3.83V	n40	0	5795	Ant1	5795	0	0	25	Pass
20C 4.5V	n40	0	5795	Ant1	5795.04	40000	6.9	25	Pass
20C 5.18V	n40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
-20C 4.5V	n40	0	5795	Ant1	5794.92	-80000	-13.81	25	Pass
-10C 4.5V	n40	0	5795	Ant1	5795	0	0	25	Pass
0C 4.5V	n40	0	5795	Ant1	5794.92	-80000	-13.81	25	Pass
10C 4.5V	n40	0	5795	Ant1	5795	0	0	25	Pass
30C 4.5V	n40	0	5795	Ant1	5795	0	0	25	Pass
40C 4.5V	n40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass
50C 4.5V	n40	0	5795	Ant1	5794.96	-40000	-6.9	25	Pass

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.29	0.5	Pass
NVNT	a	5785	Ant1	16.29	0.5	Pass
NVNT	a	5825	Ant1	15.69	0.5	Pass
NVNT	n20	5745	Ant1	17.01	0.5	Pass
NVNT	n20	5785	Ant1	17.01	0.5	Pass
NVNT	n20	5825	Ant1	16.65	0.5	Pass
NVNT	n40	5755	Ant1	35.4	0.5	Pass
NVNT	n40	5795	Ant1	35.1	0.5	Pass

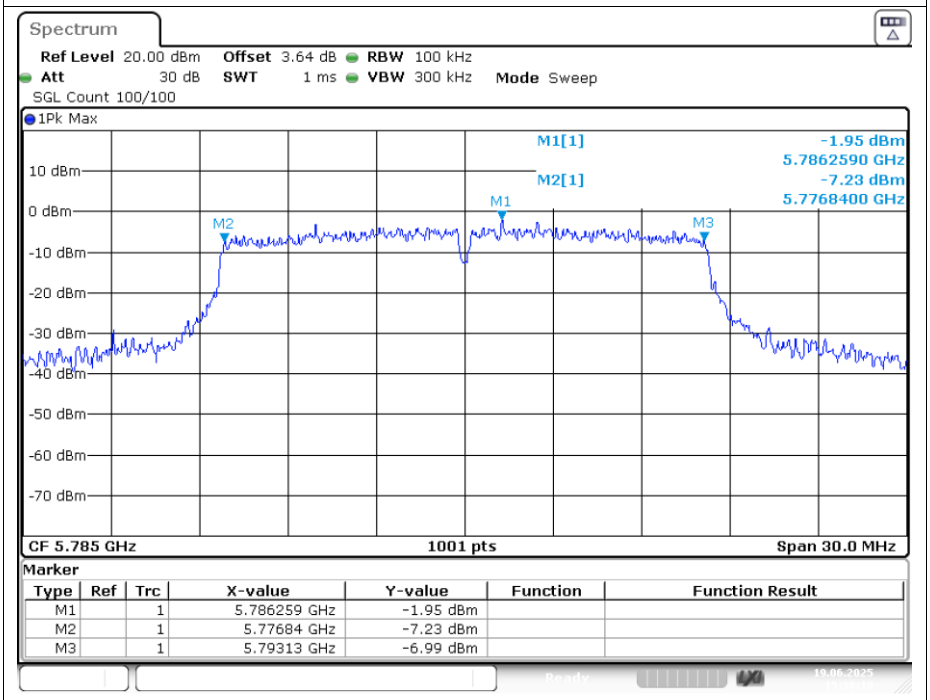
Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1



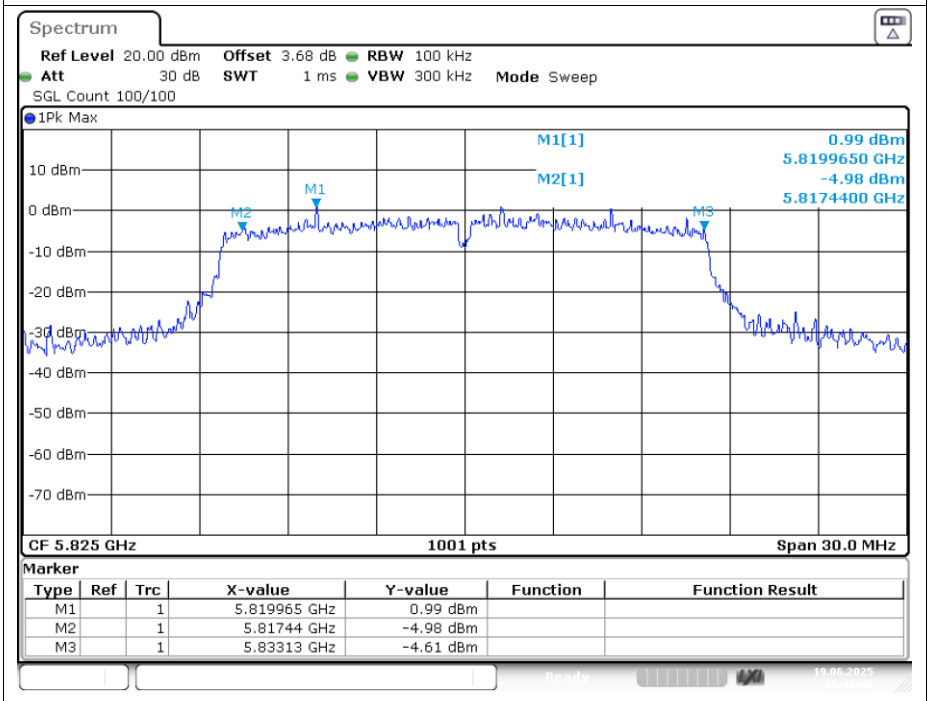
Date: 19.JUN.2025 15:34:38

-6dB Bandwidth NVNT a 5785MHz Ant1



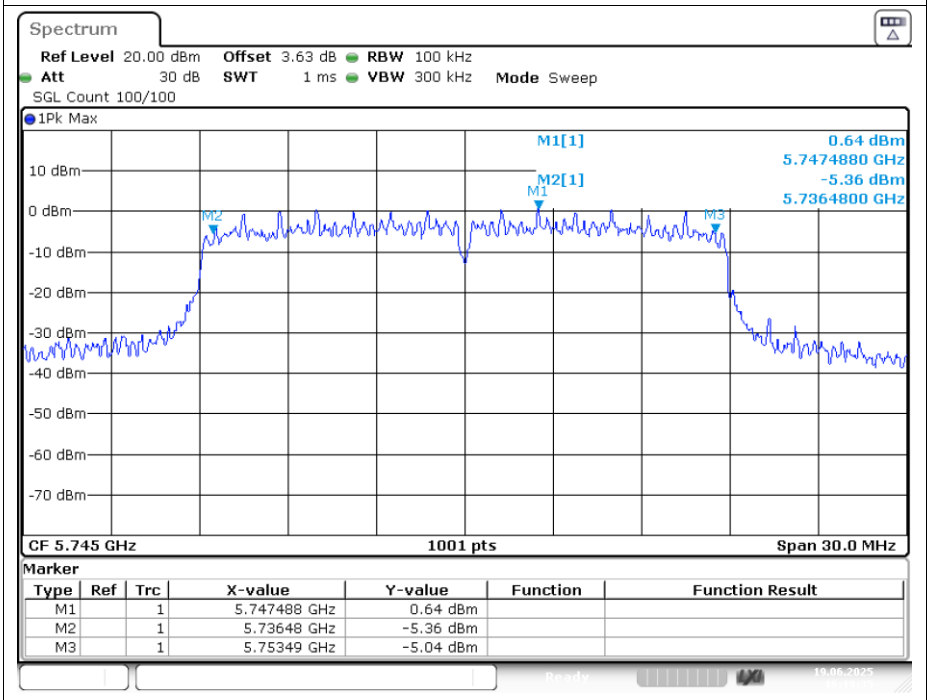
Date: 19.JUN.2025 15:38:10

-6dB Bandwidth NVNT a 5825MHz Ant1



Date: 19.JUN.2025 15:41:45

-6dB Bandwidth NVNT n20 5745MHz Ant1



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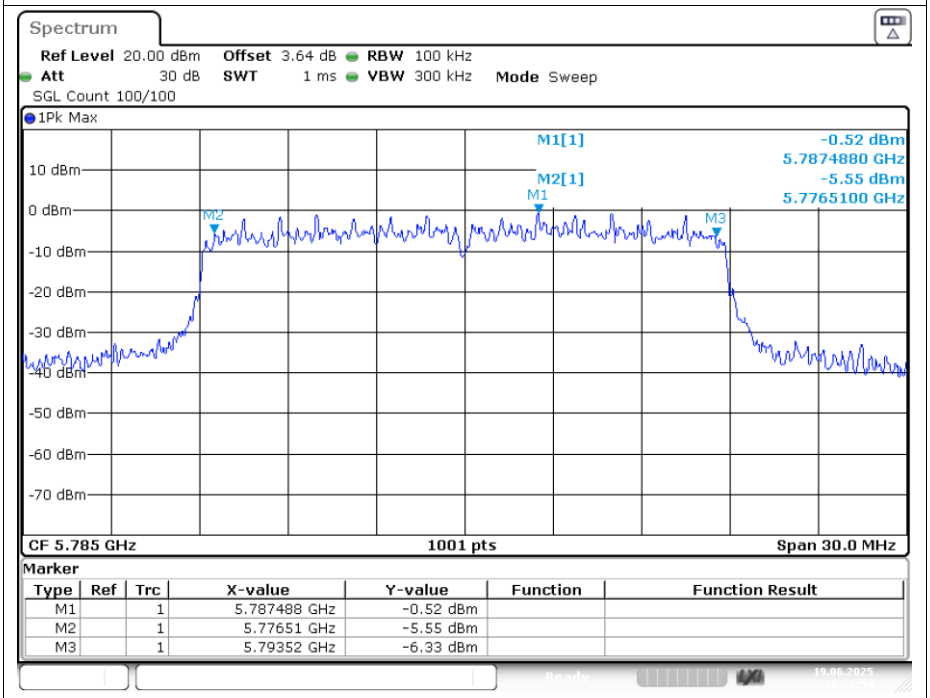
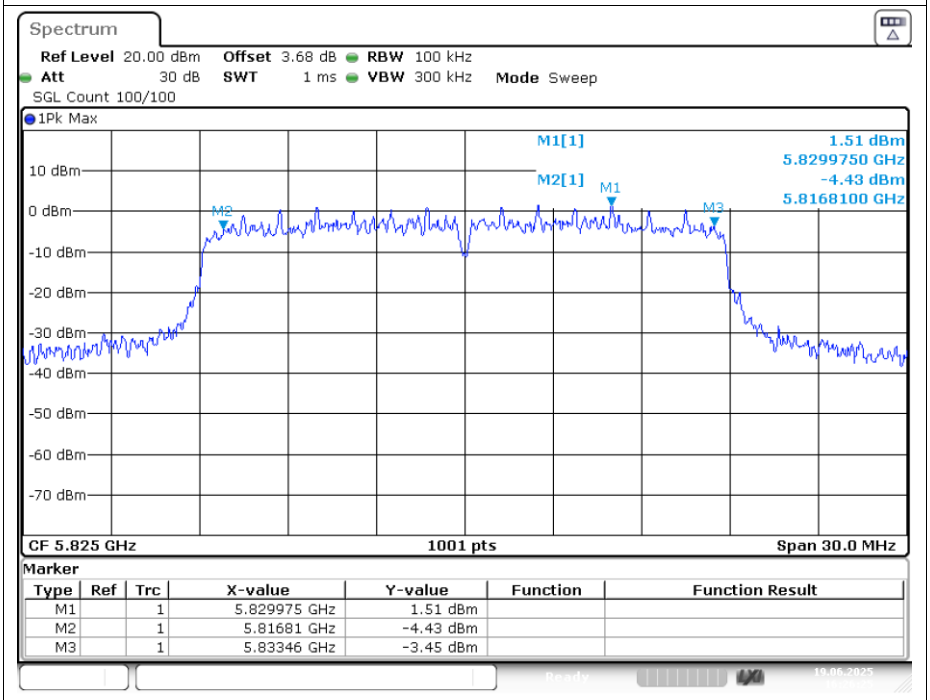
-6dB Bandwidth NVNT n20 5785MHz Ant1



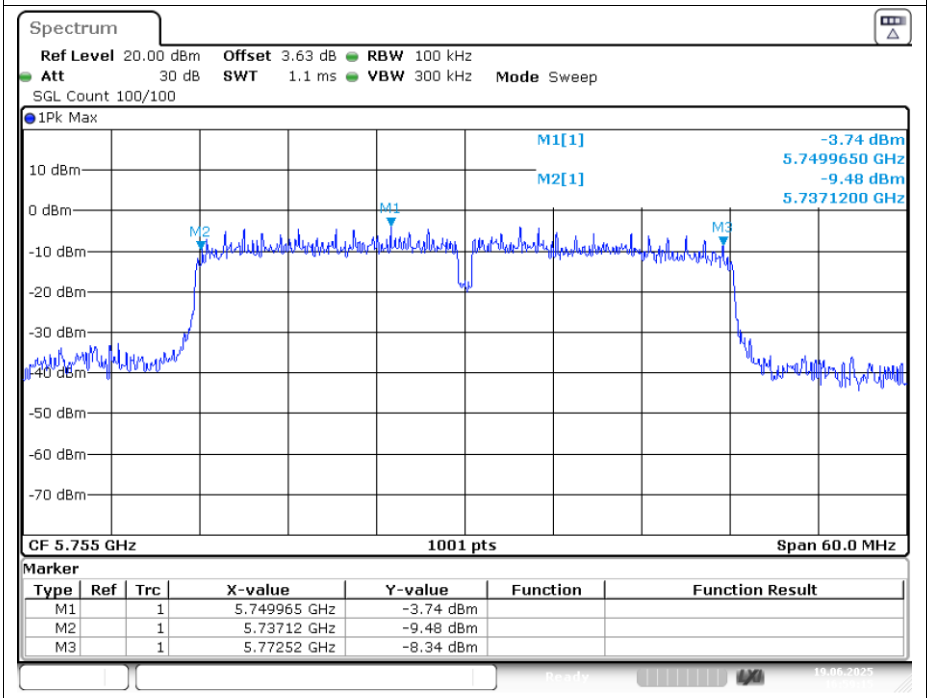
Date: 19.JUN.2025 16:22:53

-6dB Bandwidth NVNT n20 5825MHz Ant1



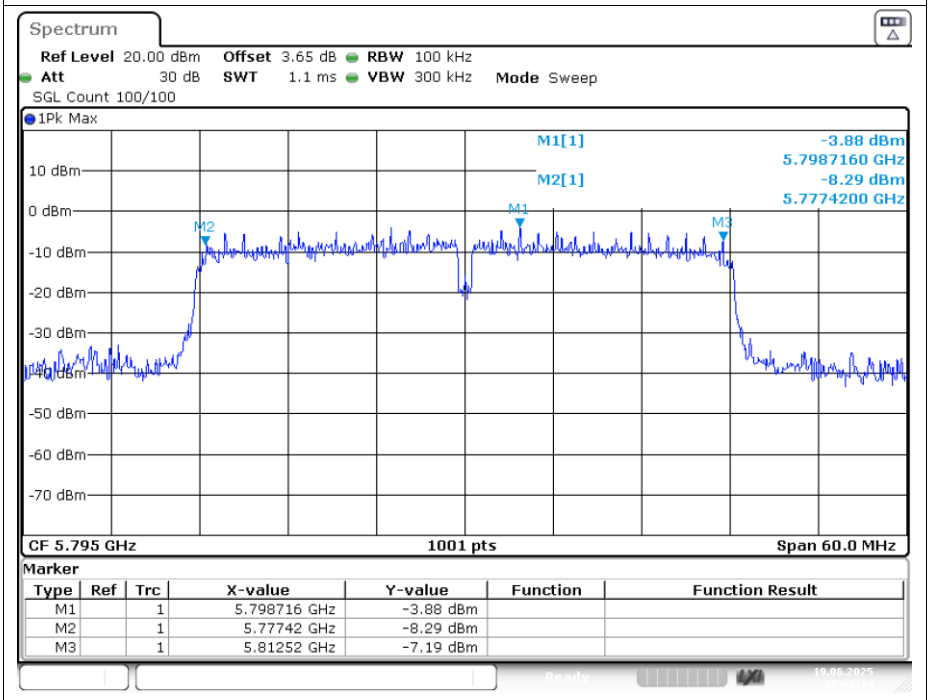
Date: 19.JUN.2025 16:26:25

-6dB Bandwidth NVNT n40 5755MHz Ant1



Date: 19.JUN.2025 16:59:15

-6dB Bandwidth NVNT n40 5795MHz Ant1

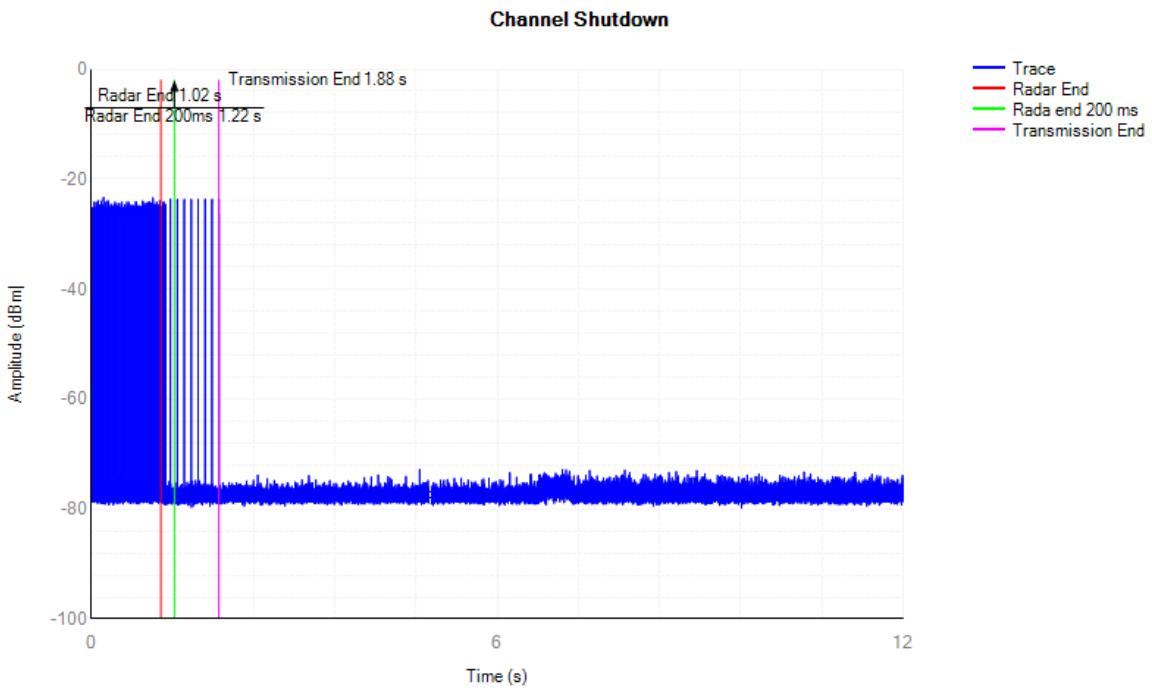
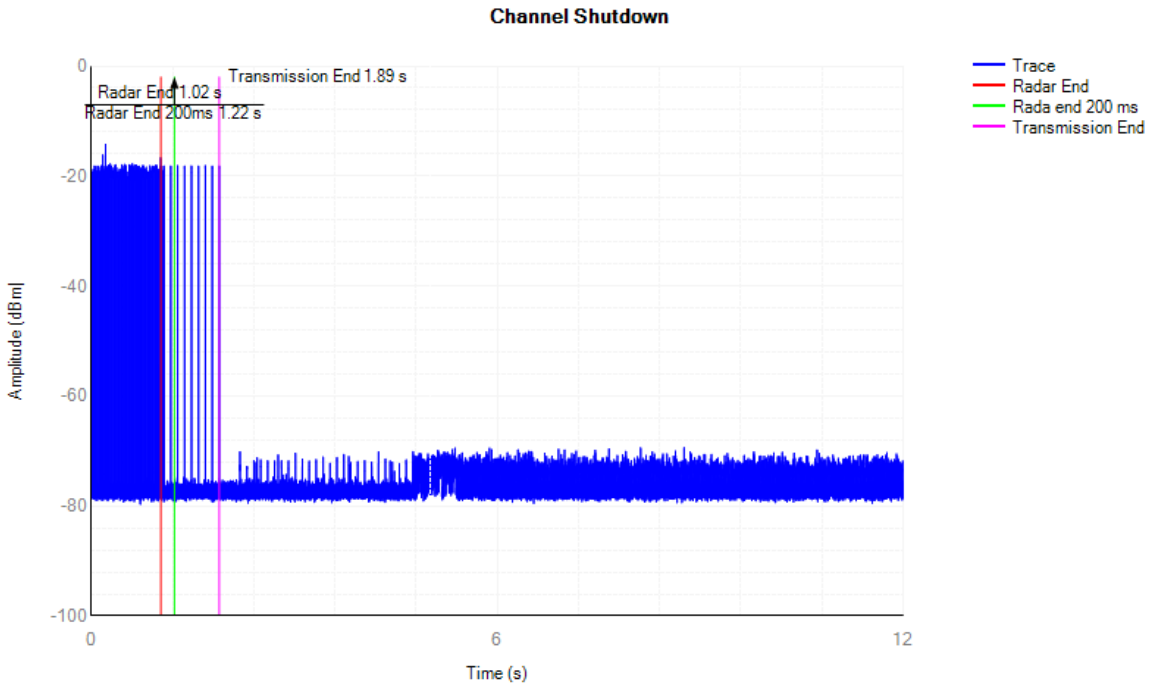


Date: 19.JUN.2025 17:03:14

Shutdown Time

Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
n40	5270	0.8589	10	0.0176	0.26	0.0064	0.06	Pass
n40	5510	0.8633	10	0.018	0.26	0.0084	0.06	Pass

Test Graphs
n40 5270MHz Shutdown



n40 5510MHz Shutdown