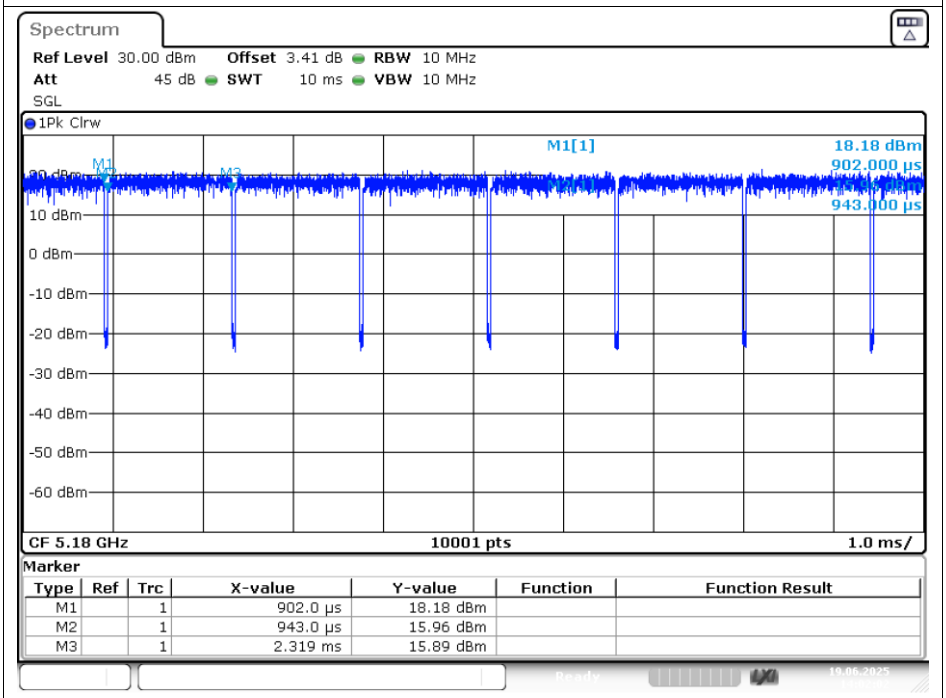
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5180	Ant1	1.38	1.42	97.18	0.12	0.73
NVNT	a	5200	Ant1	1.38	1.42	97.18	0.12	0.73
NVNT	a	5240	Ant1	1.38	1.42	97.18	0.12	0.73
NVNT	a	5260	Ant1	1.38	1.42	97.18	0.12	0.73
NVNT	a	5280	Ant1	1.38	1.42	97.18	0.12	0.73
NVNT	a	5320	Ant1	1.38	1.42	97.18	0.12	0.73
NVNT	a	5500	Ant1	1.38	1.42	97.18	0.12	0.73
NVNT	a	5600	Ant1	1.38	1.42	97.18	0.12	0.73
NVNT	a	5700	Ant1	1.38	1.42	97.18	0.12	0.73
NVNT	a	5745	Ant1	1.38	1.42	97.18	0.12	0.73
NVNT	a	5785	Ant1	1.38	1.42	97.18	0.12	0.73
NVNT	a	5825	Ant1	1.38	1.42	97.18	0.12	0.73
NVNT	n20	5180	Ant1	0.16	0.21	76.19	1.18	6.1
NVNT	n20	5200	Ant1	0.16	0.21	76.19	1.18	6.1
NVNT	n20	5240	Ant1	0.16	0.21	76.19	1.18	6.1
NVNT	n20	5260	Ant1	0.16	0.21	76.19	1.18	6.1
NVNT	n20	5280	Ant1	0.16	0.21	76.19	1.18	6.1
NVNT	n20	5320	Ant1	0.16	0.21	76.19	1.18	6.1
NVNT	n20	5500	Ant1	0.16	0.21	76.19	1.18	6.1
NVNT	n20	5600	Ant1	0.16	0.21	76.19	1.18	6.1
NVNT	n20	5700	Ant1	0.16	0.2	80	0.97	6.1
NVNT	n20	5745	Ant1	0.16	0.21	76.19	1.18	6.1
NVNT	n20	5785	Ant1	0.16	0.21	76.19	1.18	6.1
NVNT	n20	5825	Ant1	0.16	0.21	76.19	1.18	6.1
NVNT	n40	5190	Ant1	0.1	0.14	71.43	1.46	10
NVNT	n40	5230	Ant1	0.1	0.14	71.43	1.46	10
NVNT	n40	5270	Ant1	0.1	0.14	71.43	1.46	10
NVNT	n40	5310	Ant1	0.1	0.14	71.43	1.46	10
NVNT	n40	5510	Ant1	0.1	0.14	71.43	1.46	10
NVNT	n40	5590	Ant1	0.1	0.14	71.43	1.46	10
NVNT	n40	5670	Ant1	0.1	0.14	71.43	1.46	10
NVNT	n40	5755	Ant1	0.1	0.14	71.43	1.46	10
NVNT	n40	5795	Ant1	0.1	0.14	71.43	1.46	10

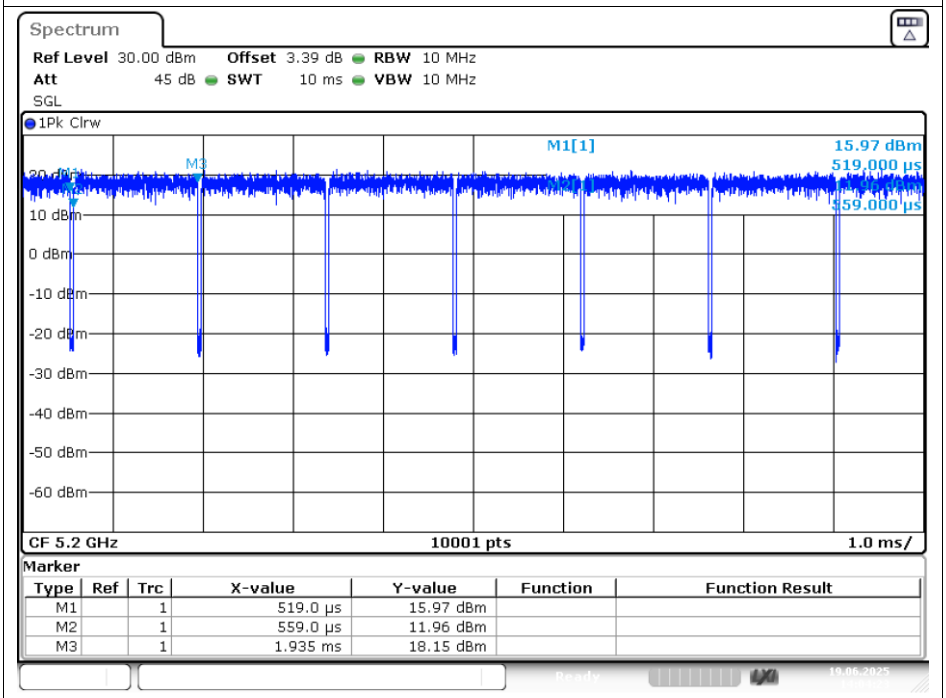
Test Graphs

Duty Cycle NVNT a 5180MHz Ant1



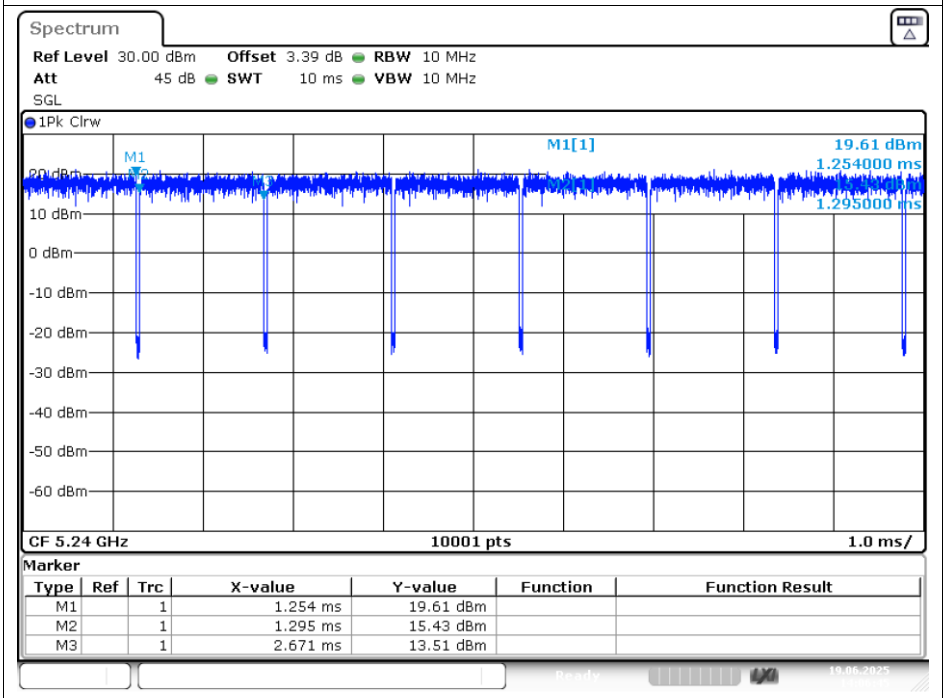
Date: 19.JUN.2025 14:02:02

Duty Cycle NVNT a 5200MHz Ant1



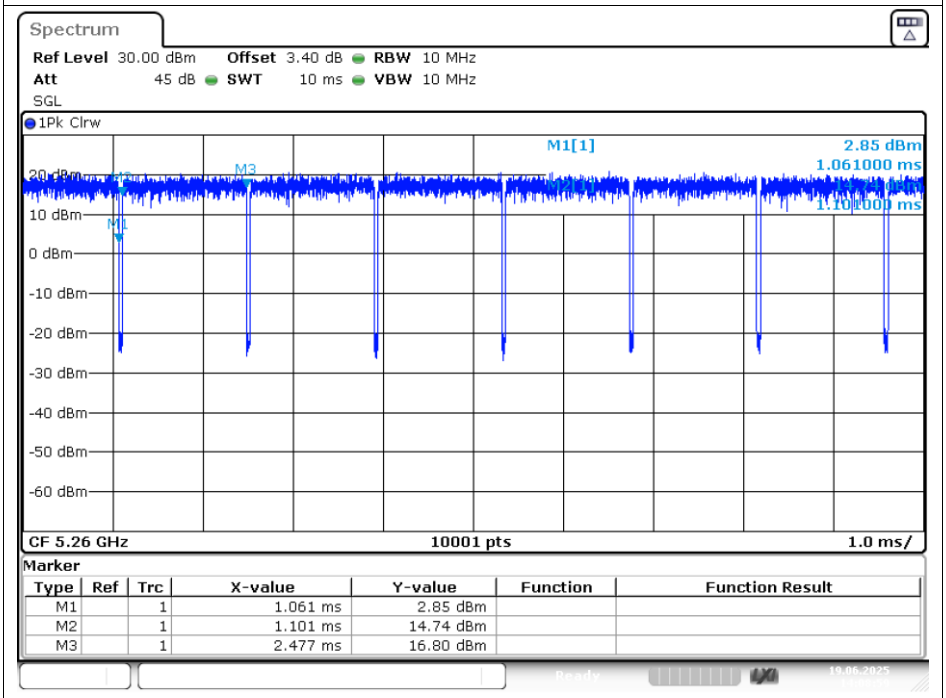
Date: 19.JUN.2025 14:04:24

Duty Cycle NVNT a 5240MHz Ant1



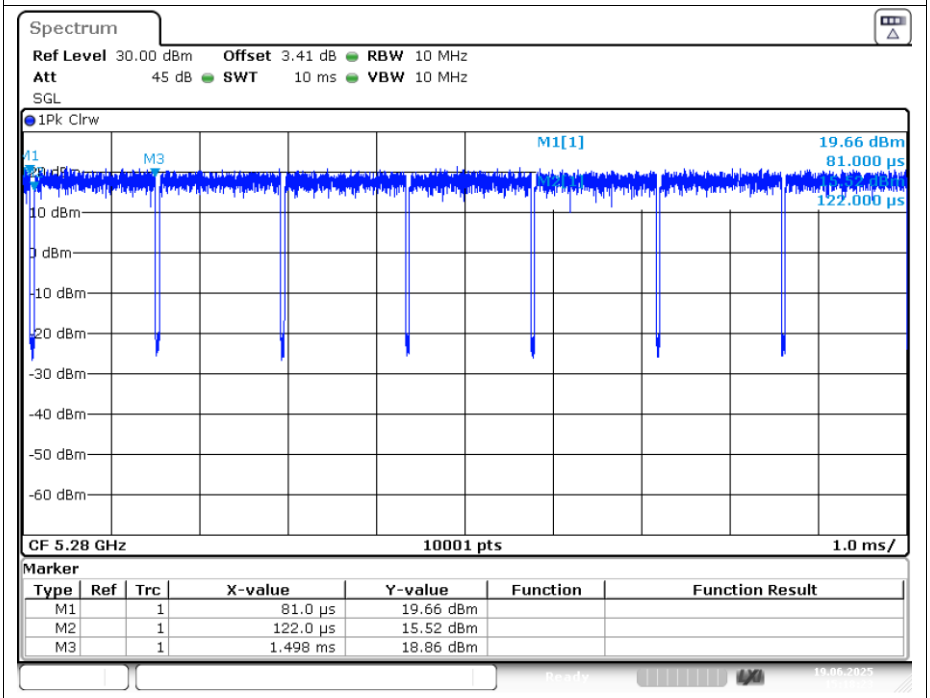
Date: 19.JUN.2025 14:06:45

Duty Cycle NVNT a 5260MHz Ant1



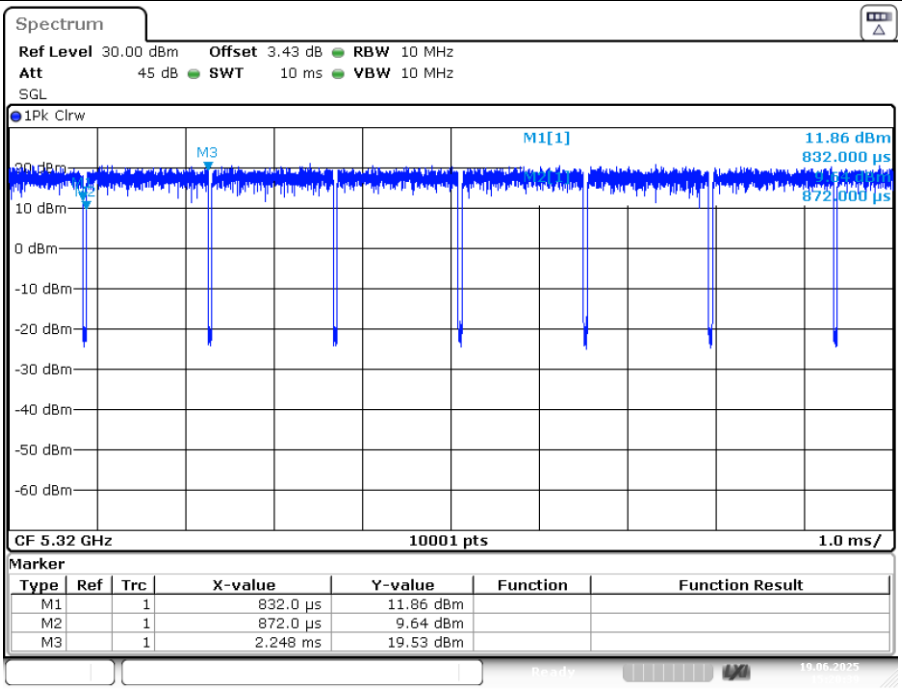
Date: 19.JUN.2025 14:08:58

Duty Cycle NVNT a 5280MHz Ant1



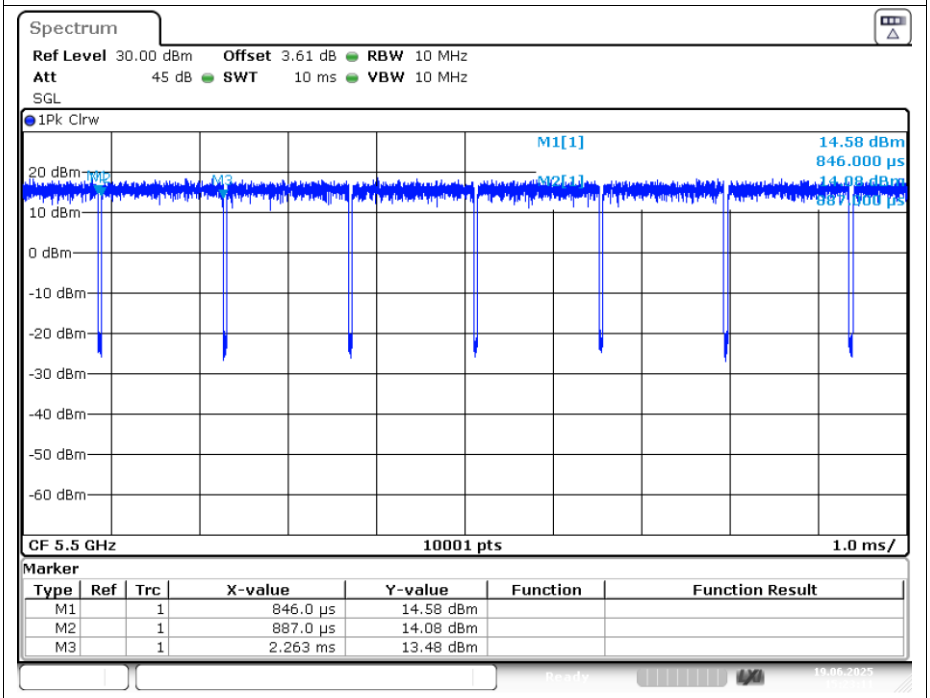
Date: 19.JUN.2025 15:18:22

Duty Cycle NVNT a 5320MHz Ant1



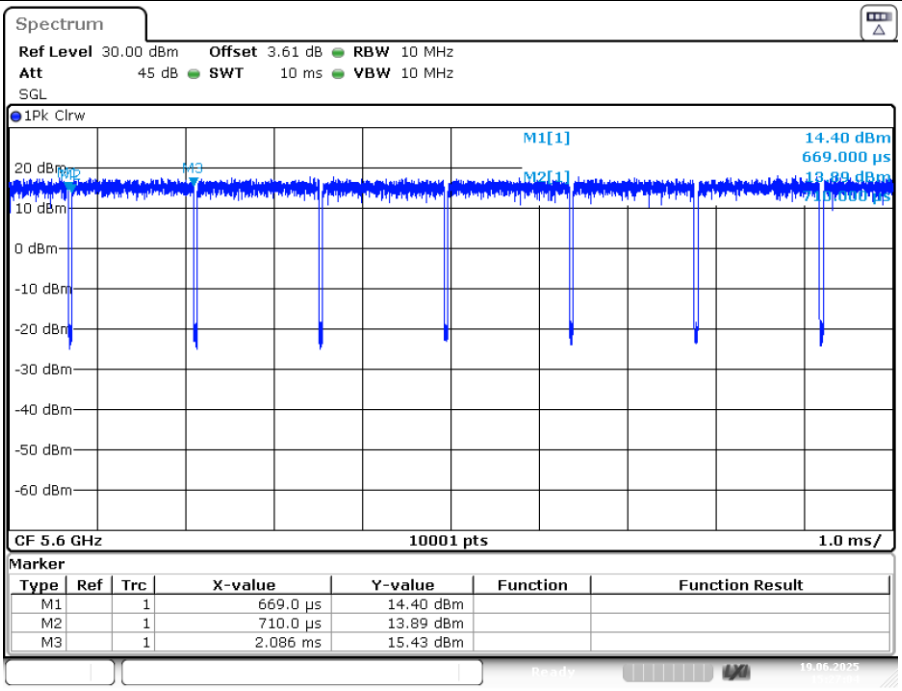
Date: 19.JUN.2025 15:20:38

Duty Cycle NVNT a 5500MHz Ant1



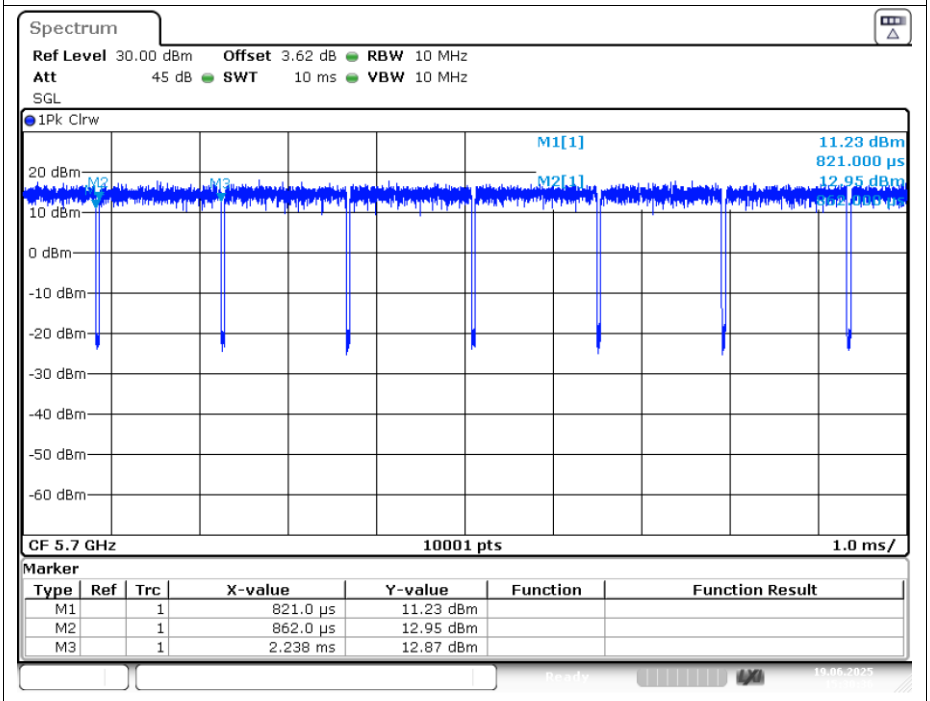
Date: 19.JUN.2025 15:23:11

Duty Cycle NVNT a 5600MHz Ant1



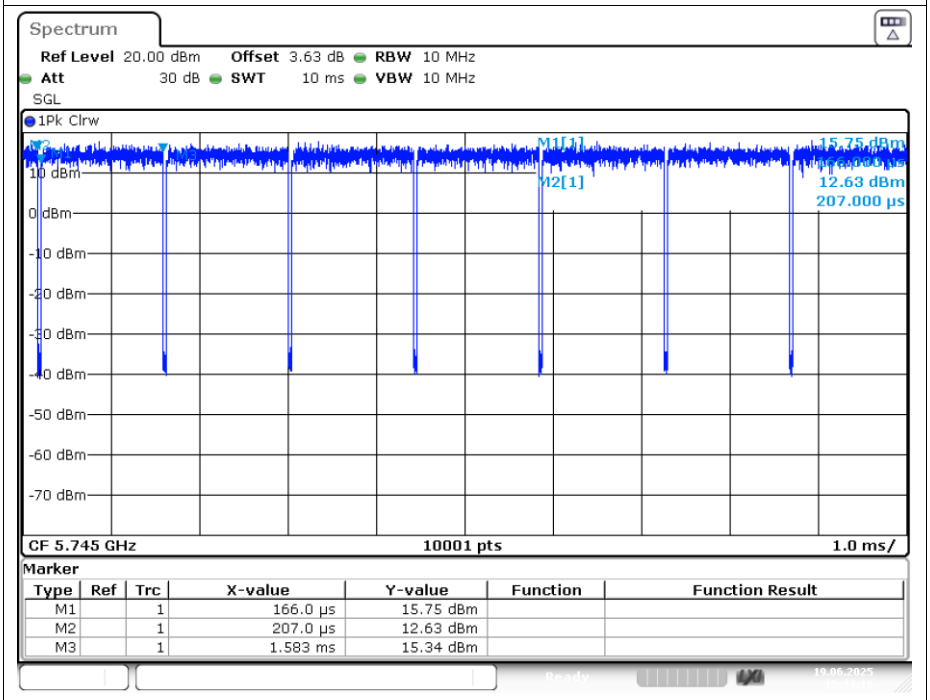
Date: 19.JUN.2025 15:27:04

Duty Cycle NVNT a 5700MHz Ant1



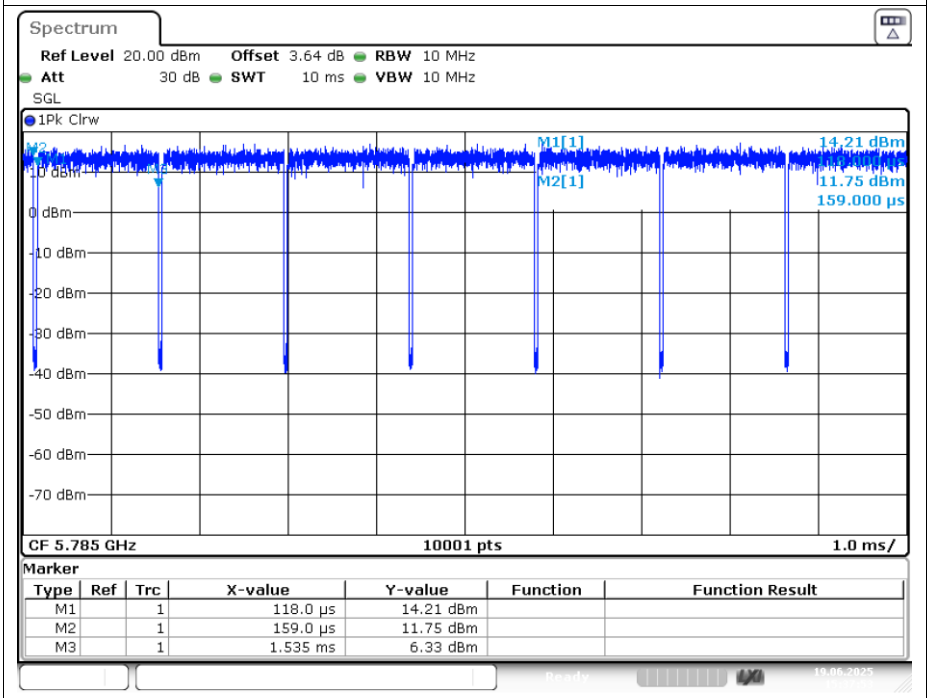
Date: 19.JUN.2025 15:30:36

Duty Cycle NVNT a 5745MHz Ant1



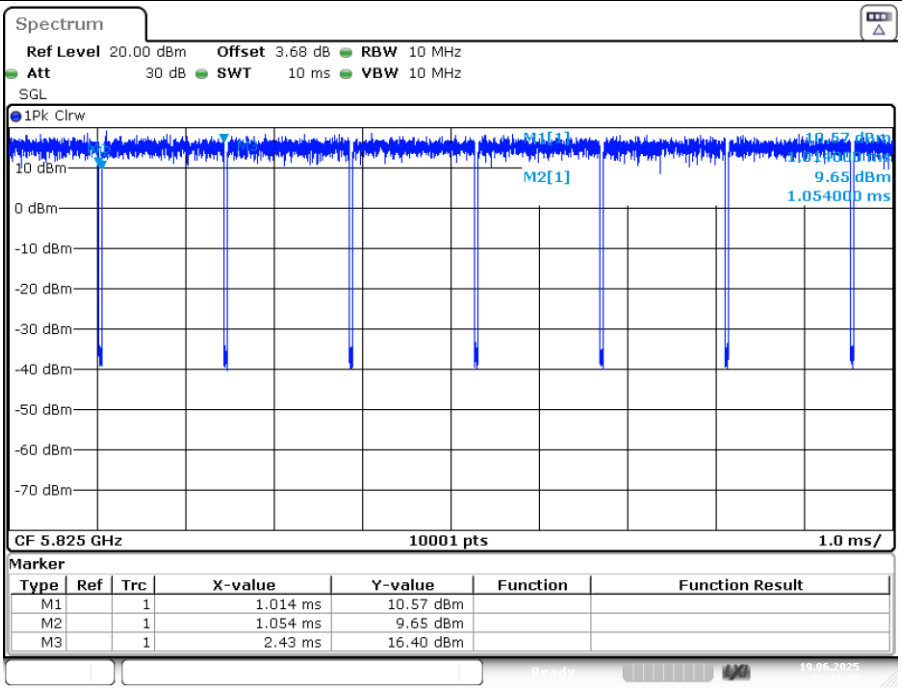
Date: 19.JUN.2025 15:34:16

Duty Cycle NVNT a 5785MHz Ant1



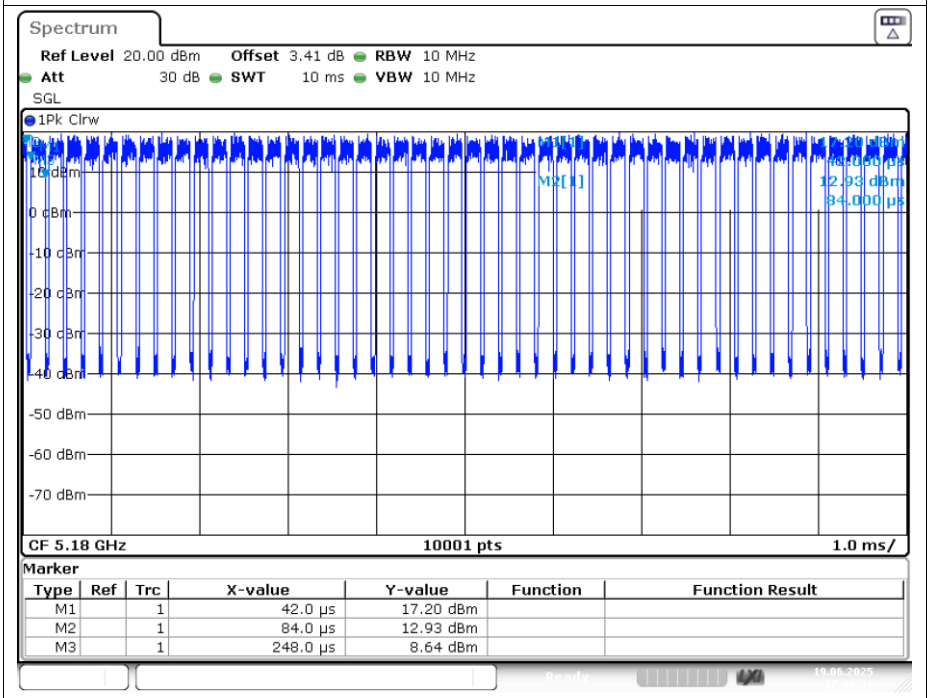
Date: 19.JUN.2025 15:37:52

Duty Cycle NVNT a 5825MHz Ant1



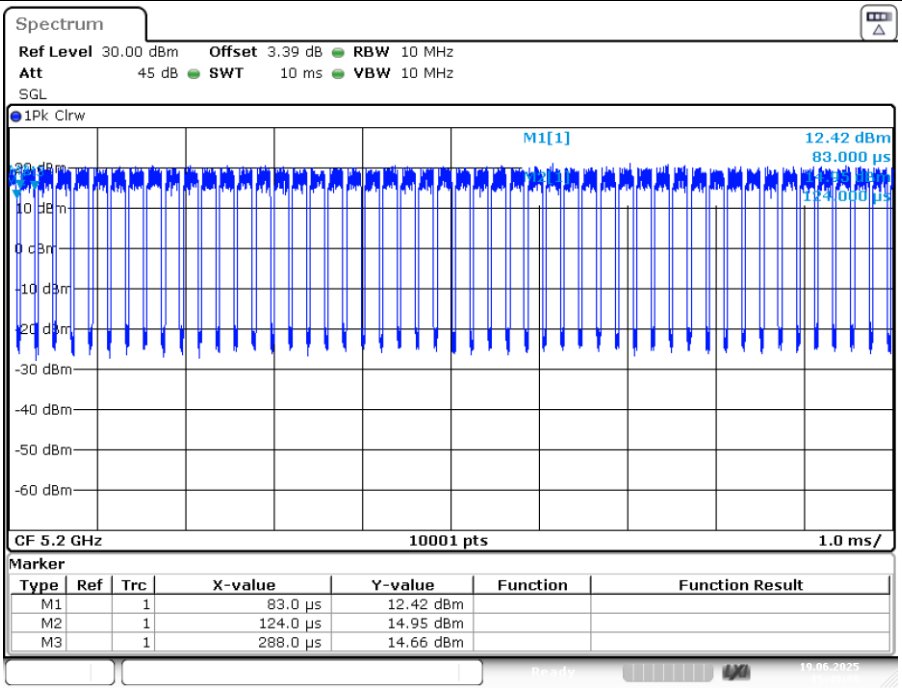
Date: 19.JUN.2025 15:41:30

Duty Cycle NVNT n20 5180MHz Ant1



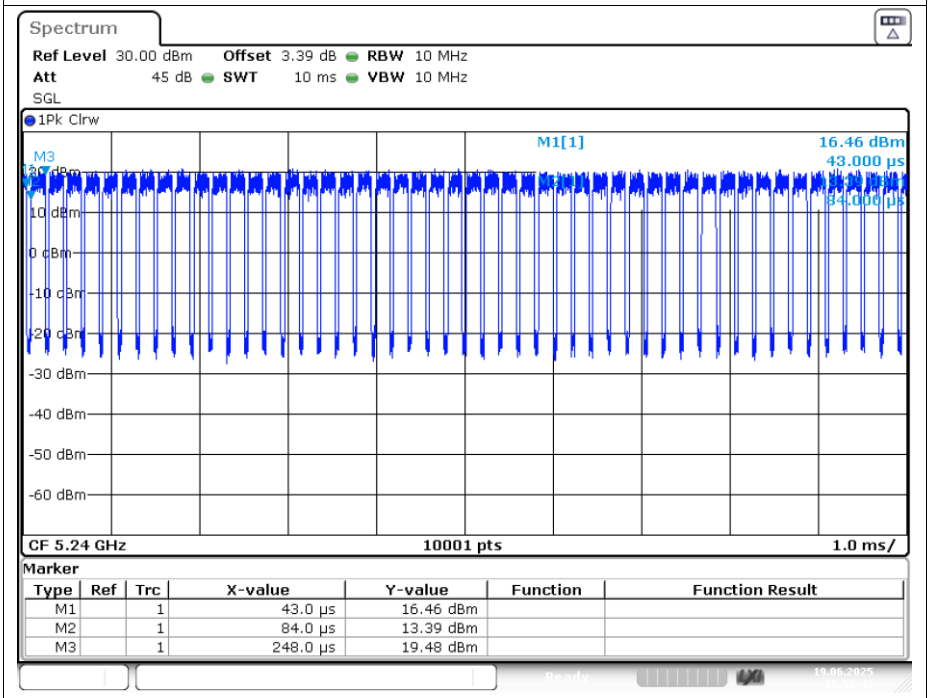
Date: 19.JUN.2025 17:08:31

Duty Cycle NVNT n20 5200MHz Ant1



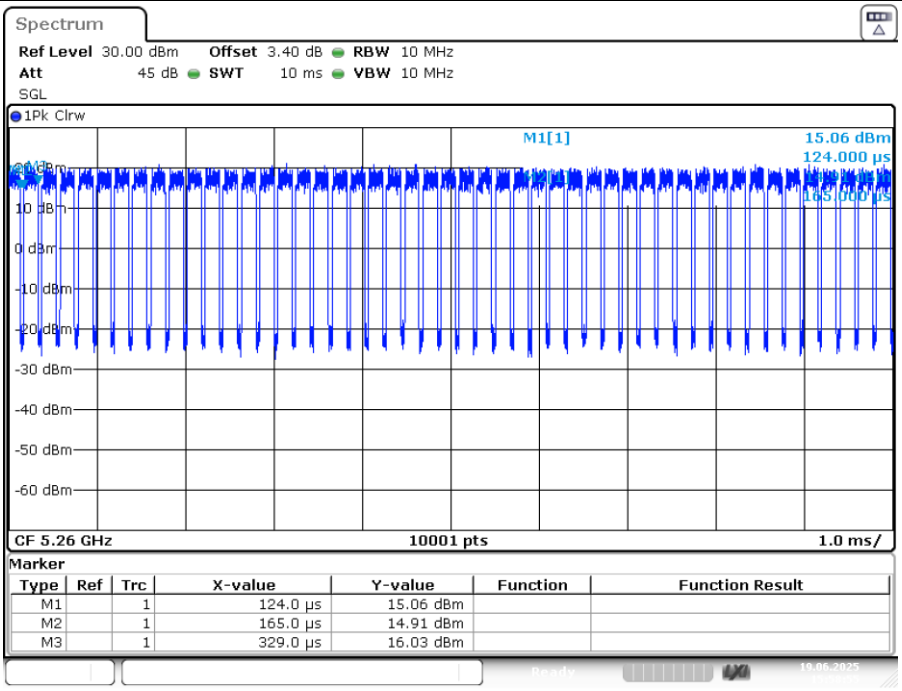
Date: 19.JUN.2025 15:49:30

Duty Cycle NVNT n20 5240MHz Ant1



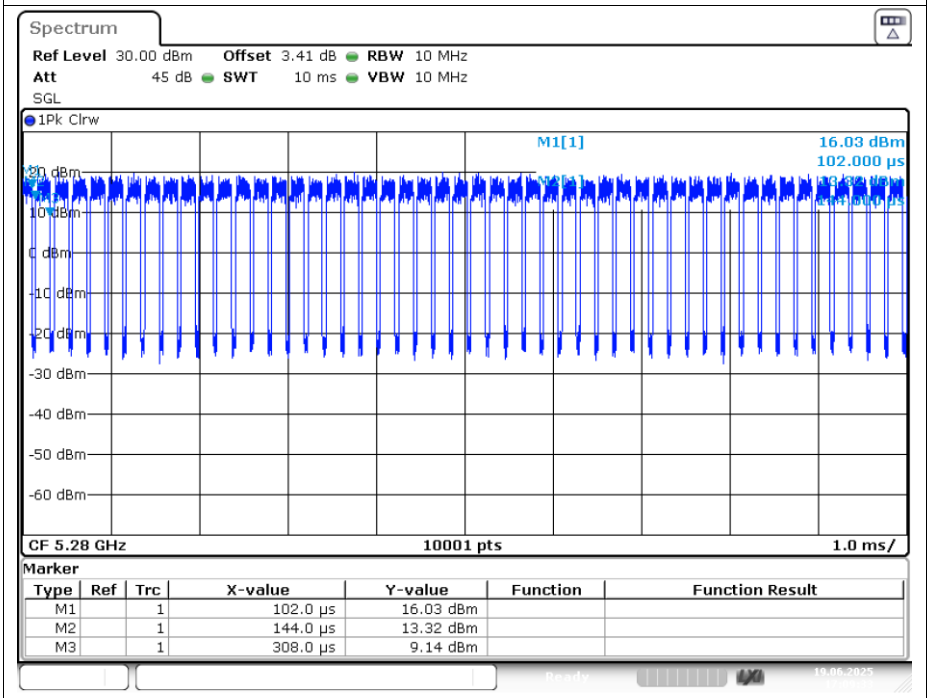
Date: 19.JUN.2025 15:52:42

Duty Cycle NVNT n20 5260MHz Ant1



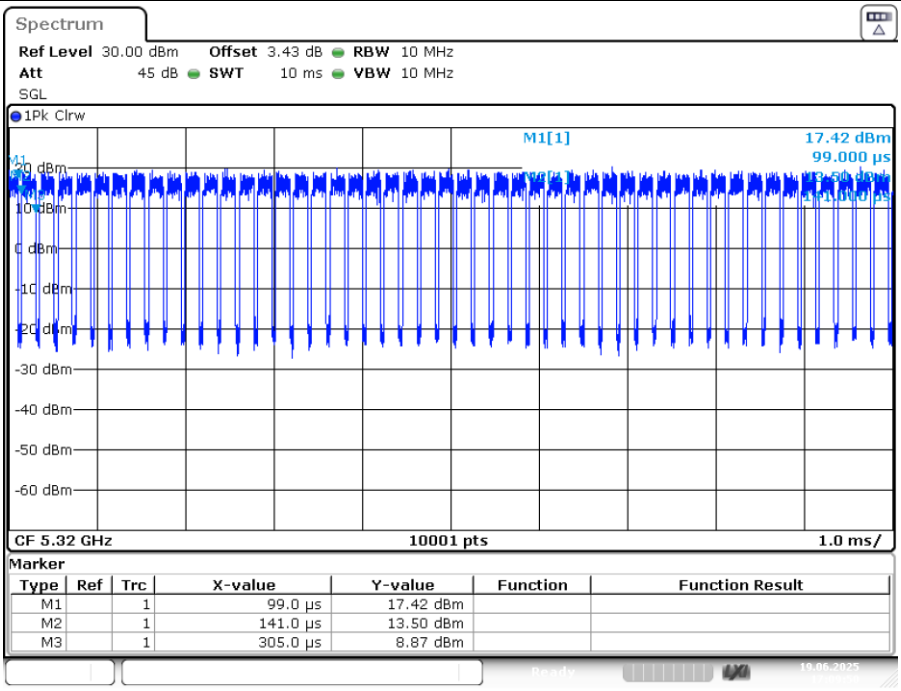
Date: 19.JUN.2025 15:58:55

Duty Cycle NVNT n20 5280MHz Ant1



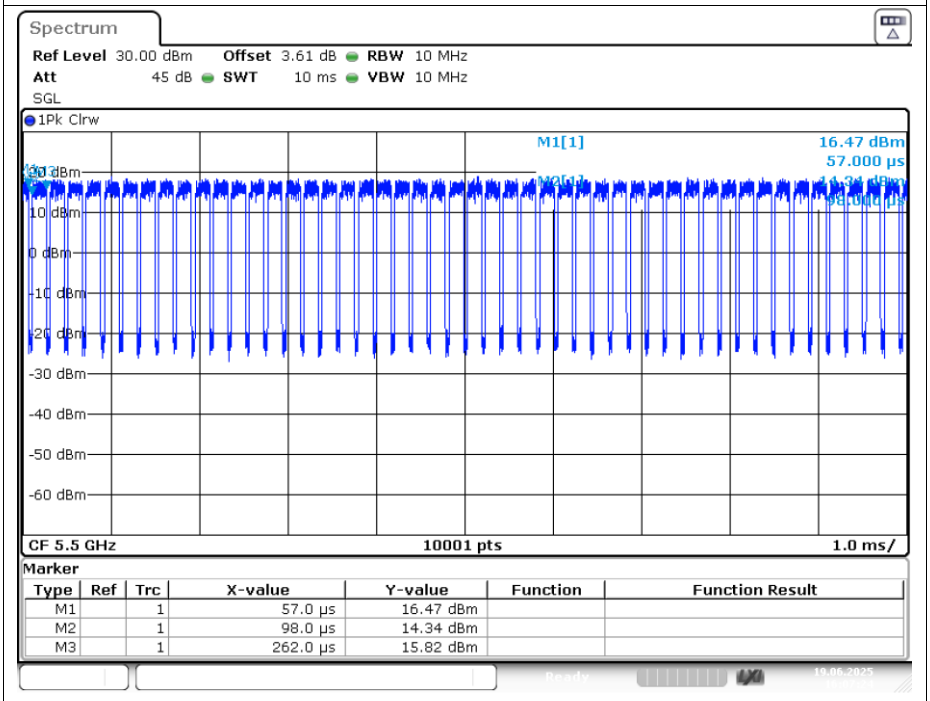
Date: 19.JUN.2025 17:09:34

Duty Cycle NVNT n20 5320MHz Ant1



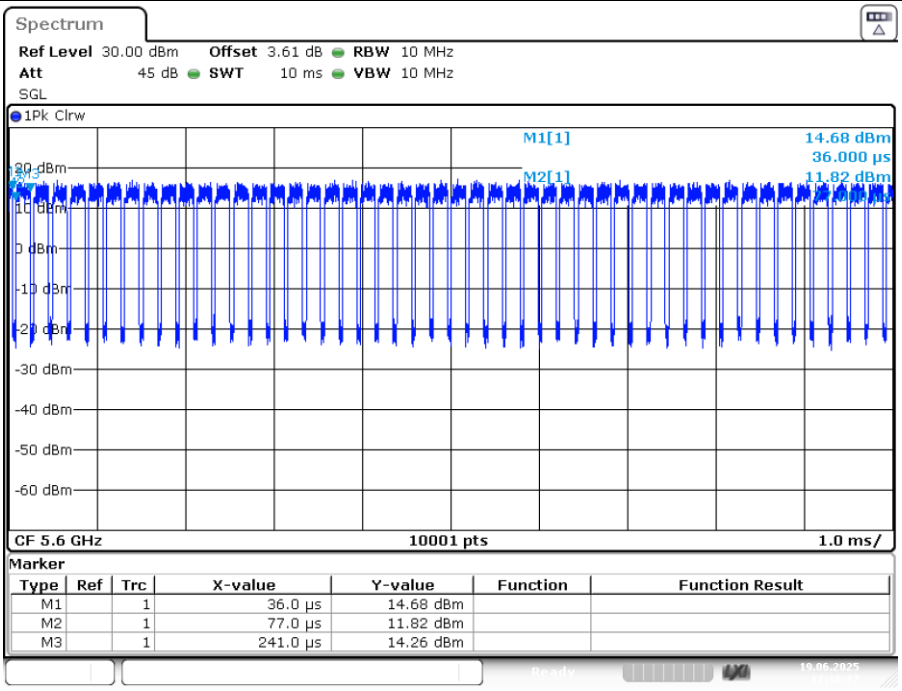
Date: 19.JUN.2025 17:09:49

Duty Cycle NVNT n20 5500MHz Ant1



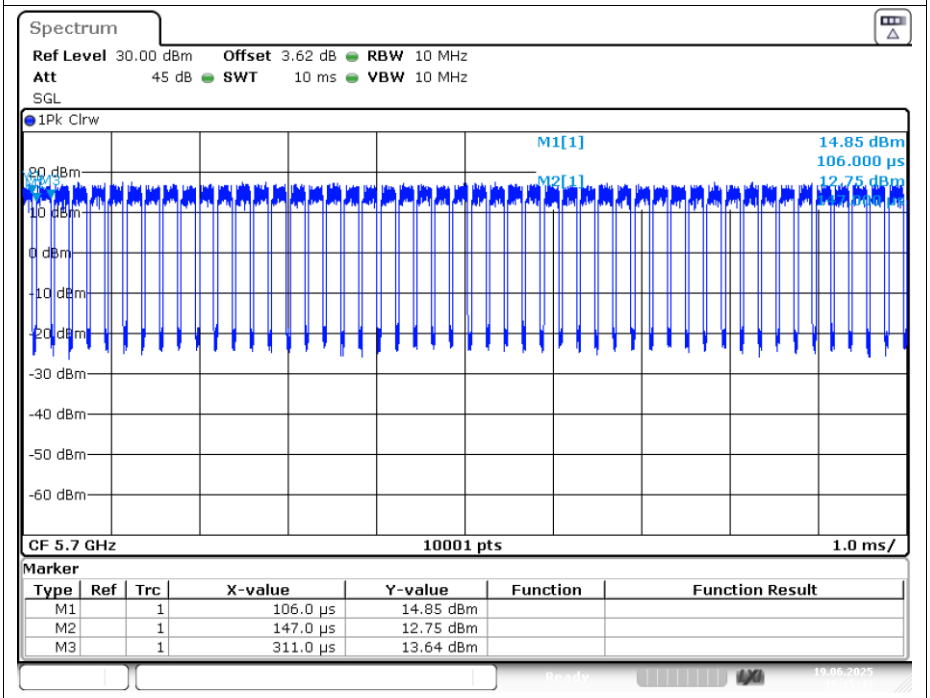
Date: 19.JUN.2025 16:07:23

Duty Cycle NVNT n20 5600MHz Ant1



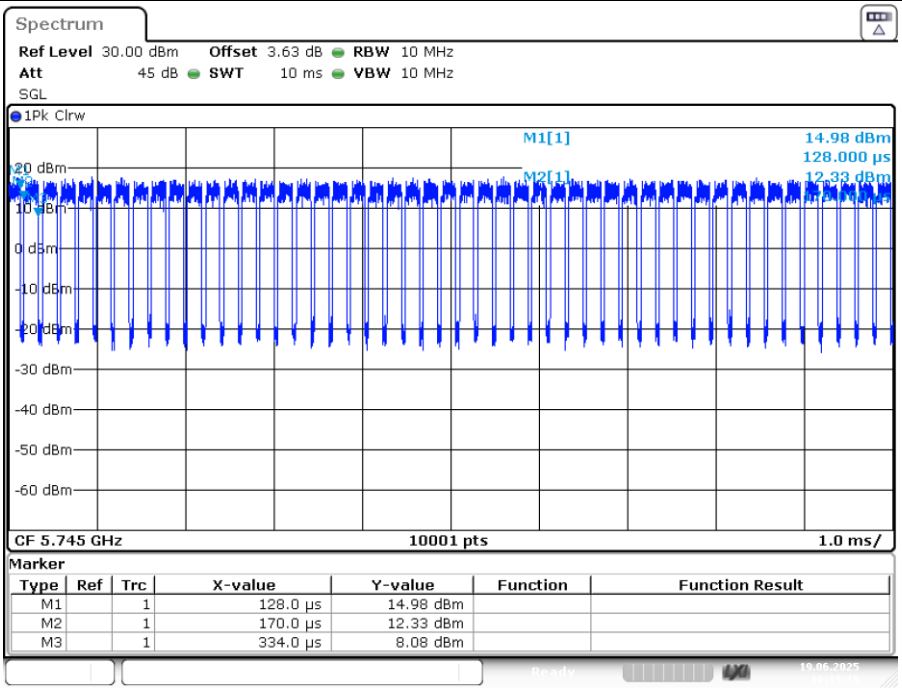
Date: 19.JUN.2025 17:10:16

Duty Cycle NVNT n20 5700MHz Ant1



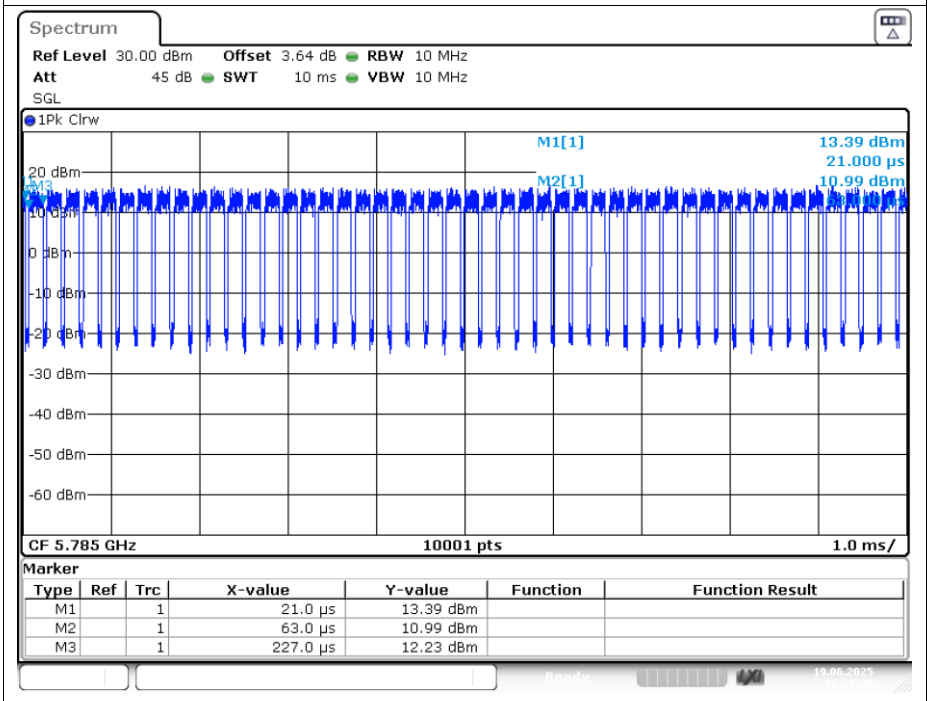
Date: 19.JUN.2025 16:15:43

Duty Cycle NVNT n20 5745MHz Ant1



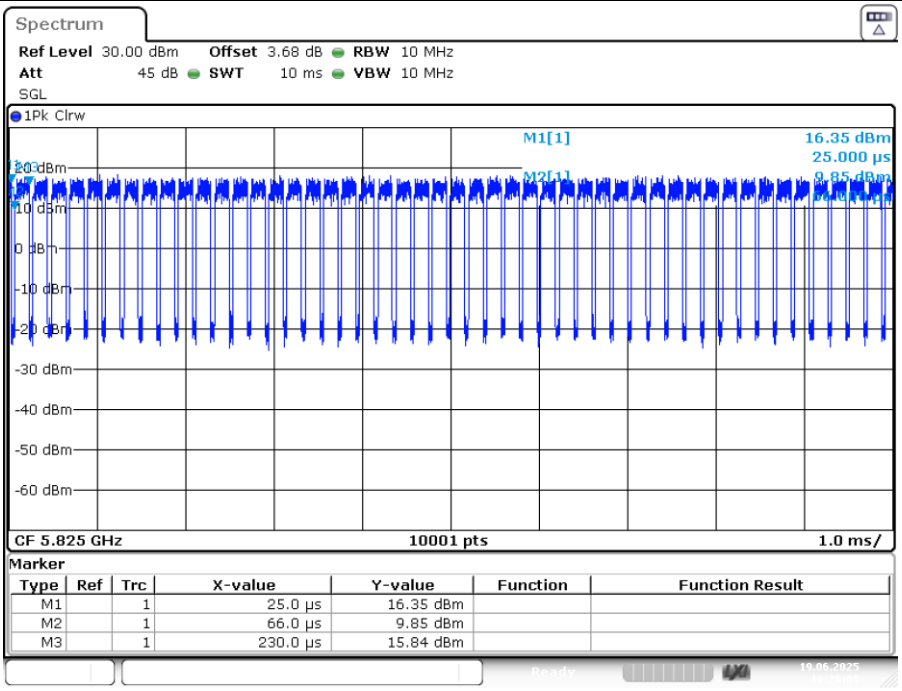
Date: 19.JUN.2025 16:19:18

Duty Cycle NVNT n20 5785MHz Ant1



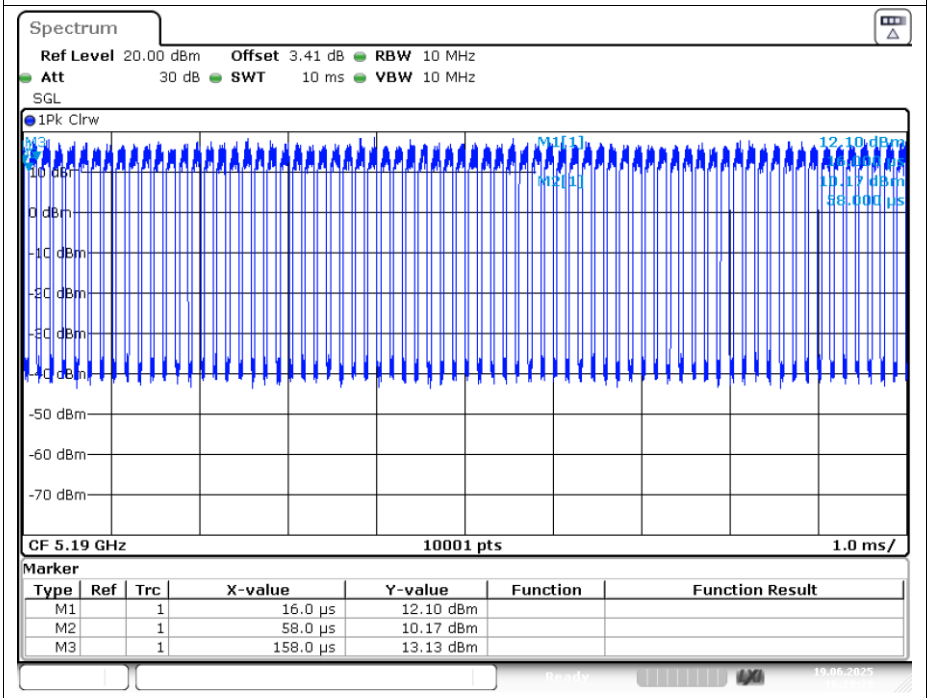
Date: 19.JUN.2025 16:22:36

Duty Cycle NVNT n20 5825MHz Ant1



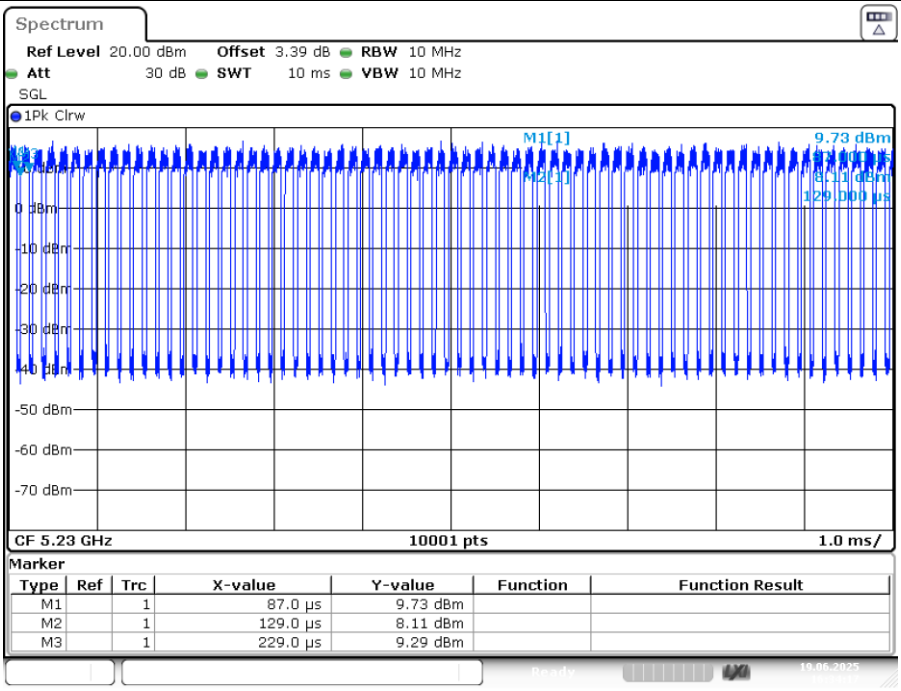
Date: 19.JUN.2025 16:26:09

Duty Cycle NVNT n40 5190MHz Ant1



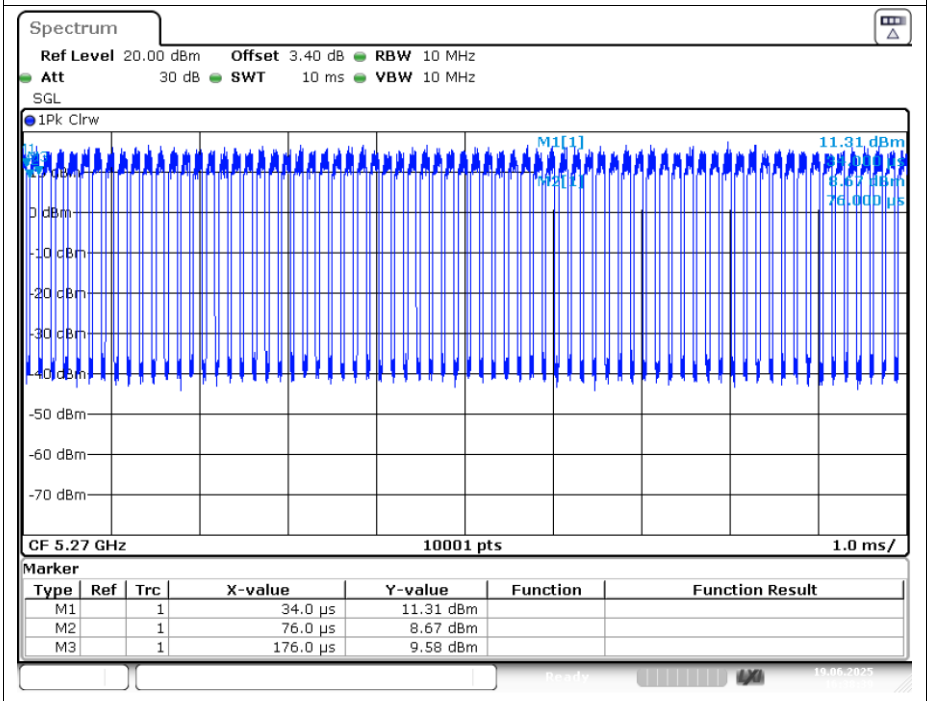
Date: 19.JUN.2025 16:29:28

Duty Cycle NVNT n40 5230MHz Ant1



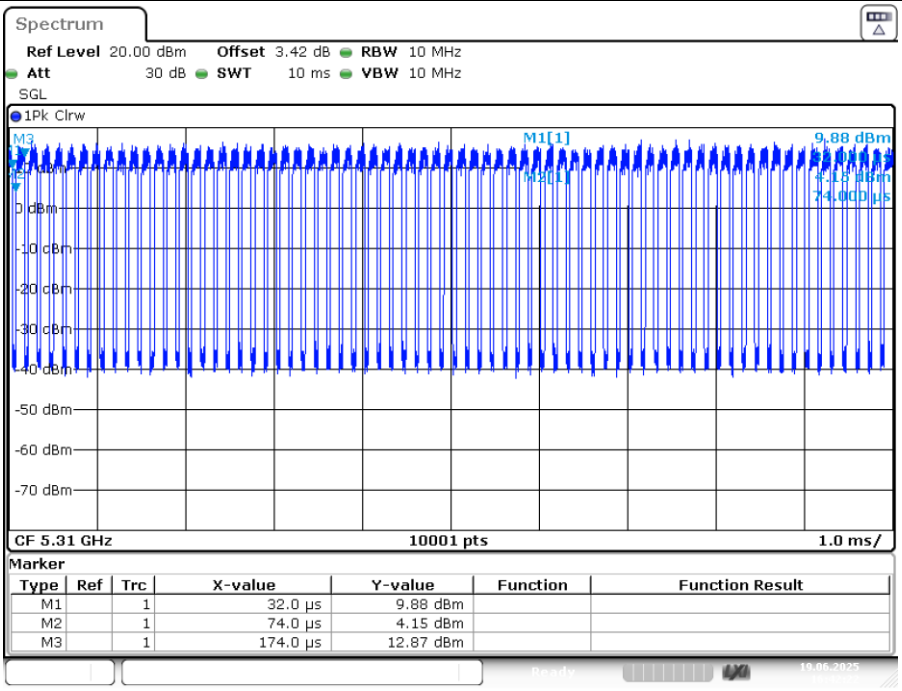
Date: 19.JUN.2025 16:34:17

Duty Cycle NVNT n40 5270MHz Ant1



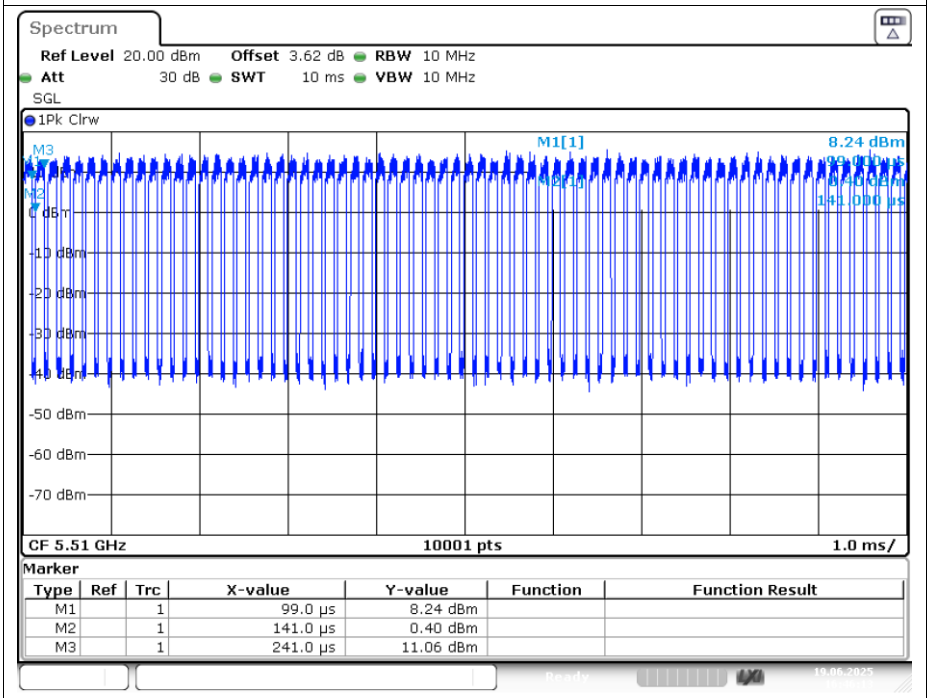
Date: 19.JUN.2025 16:38:38

Duty Cycle NVNT n40 5310MHz Ant1



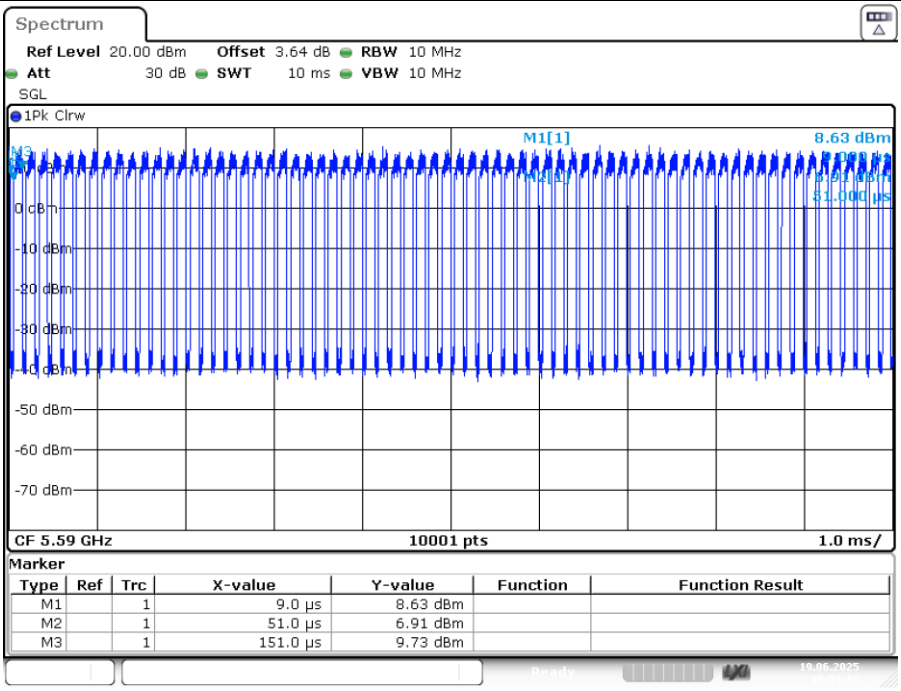
Date: 19.JUN.2025 16:42:23

Duty Cycle NVNT n40 5510MHz Ant1



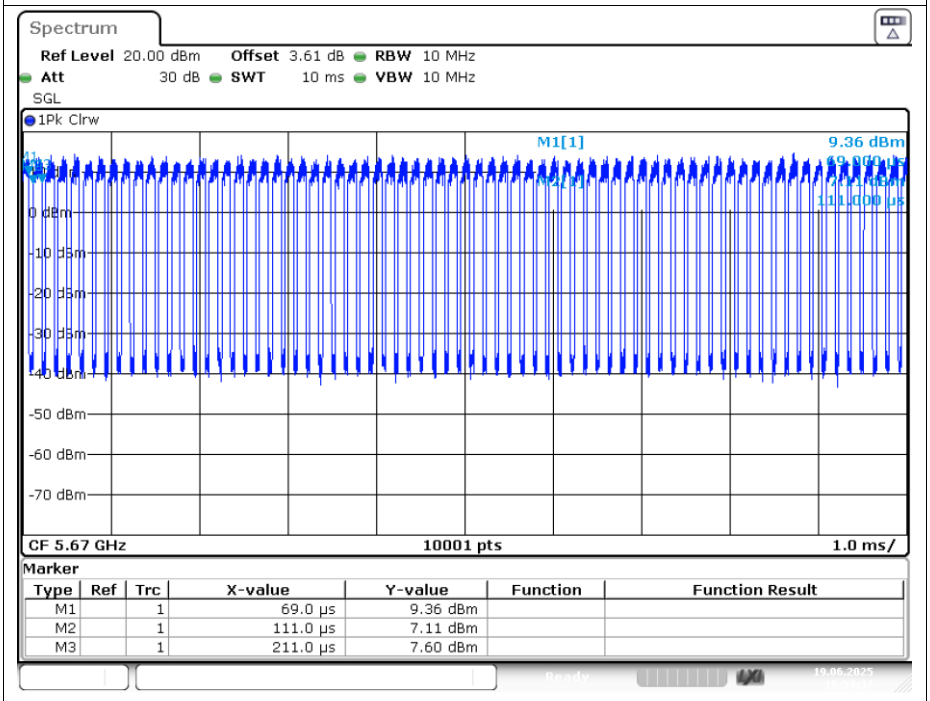
Date: 19.JUN.2025 16:46:13

Duty Cycle NVNT n40 5590MHz Ant1



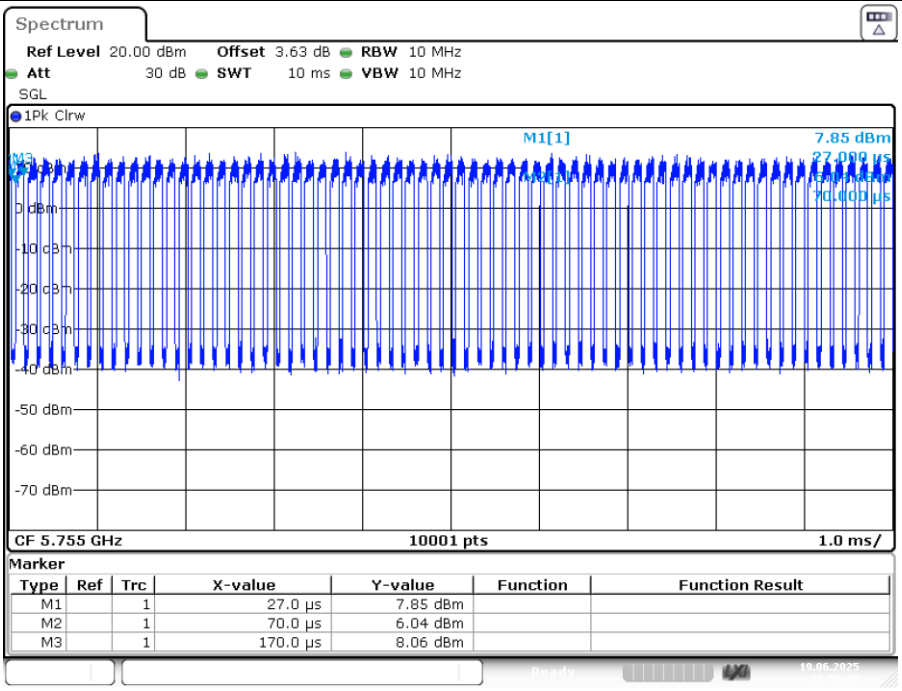
Date: 19.JUN.2025 16:51:13

Duty Cycle NVNT n40 5670MHz Ant1



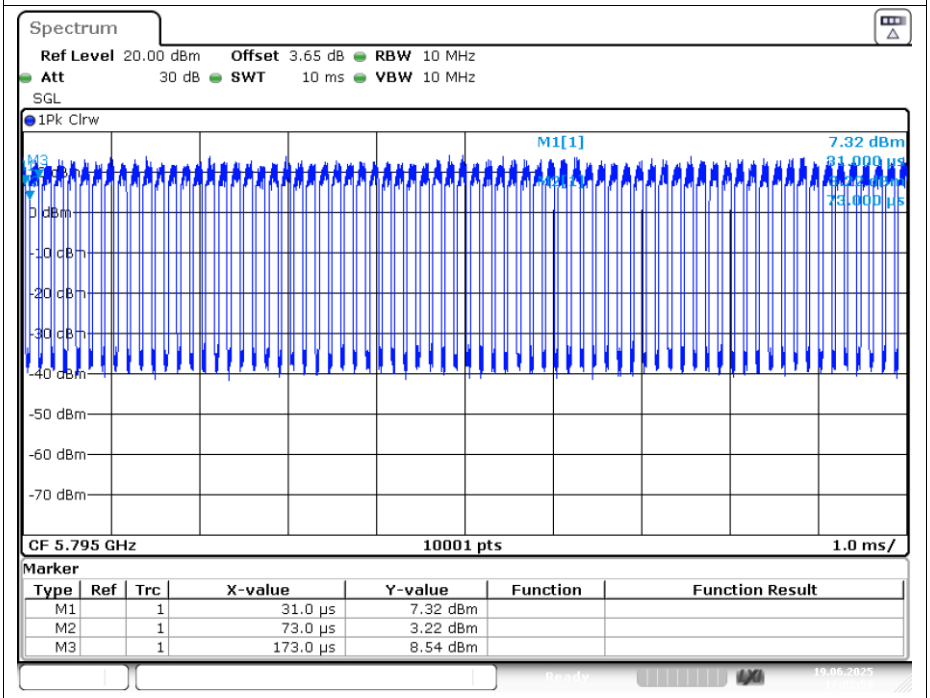
Date: 19.JUN.2025 16:54:37

Duty Cycle NVNT n40 5755MHz Ant1



Date: 19.JUN.2025 16:59:00

Duty Cycle NVNT n40 5795MHz Ant1



Date: 19.JUN.2025 17:02:59

Maximum Conducted Output Power

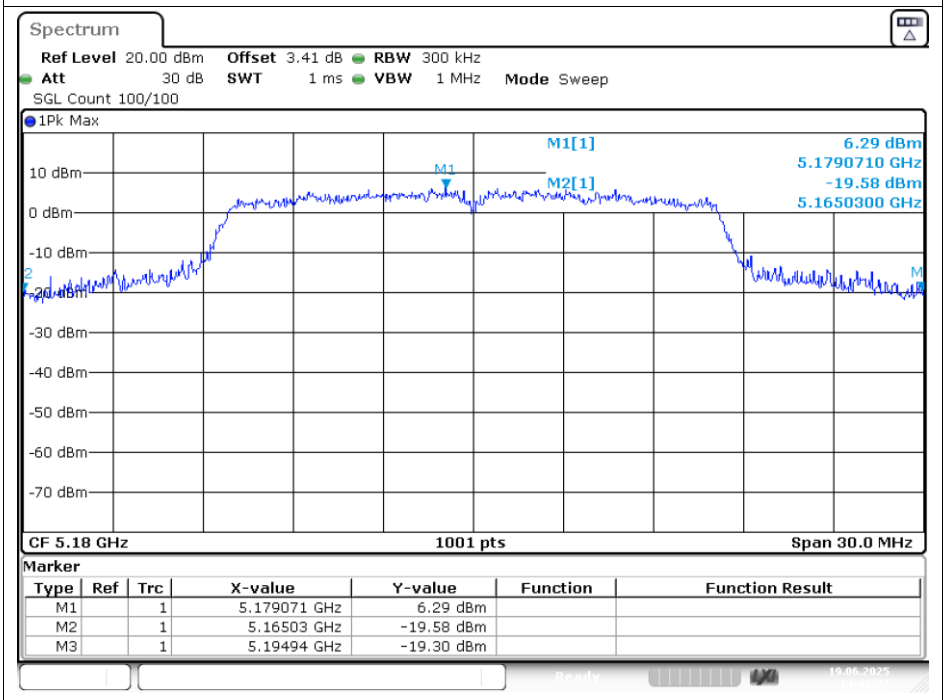
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	14.8	0.12	14.92	24	Pass
NVNT	a	5200	Ant1	14.54	0.12	14.66	24	Pass
NVNT	a	5240	Ant1	14.36	0.12	14.48	24	Pass
NVNT	a	5260	Ant1	14.1	0.12	14.22	24	Pass
NVNT	a	5280	Ant1	14.58	0.12	14.7	24	Pass
NVNT	a	5320	Ant1	14.53	0.12	14.65	24	Pass
NVNT	a	5500	Ant1	13.22	0.12	13.34	24	Pass
NVNT	a	5600	Ant1	13.31	0.12	13.43	24	Pass
NVNT	a	5700	Ant1	11.98	0.12	12.1	24	Pass
NVNT	a	5745	Ant1	11.13	0.12	11.25	30	Pass
NVNT	a	5785	Ant1	11.03	0.12	11.15	30	Pass
NVNT	a	5825	Ant1	11.64	0.12	11.76	30	Pass
NVNT	n20	5180	Ant1	11.18	1.18	12.36	24	Pass
NVNT	n20	5200	Ant1	11.25	1.18	12.43	24	Pass
NVNT	n20	5240	Ant1	11.56	1.18	12.74	24	Pass
NVNT	n20	5260	Ant1	11.21	1.18	12.39	24	Pass
NVNT	n20	5280	Ant1	11.64	1.18	12.82	24	Pass
NVNT	n20	5320	Ant1	11.44	1.18	12.62	24	Pass
NVNT	n20	5500	Ant1	10.13	1.18	11.31	24	Pass
NVNT	n20	5600	Ant1	10.16	1.18	11.34	24	Pass
NVNT	n20	5700	Ant1	8.94	0.97	9.91	24	Pass
NVNT	n20	5745	Ant1	7.87	1.18	9.05	30	Pass
NVNT	n20	5785	Ant1	7.79	1.18	8.97	30	Pass
NVNT	n20	5825	Ant1	8.36	1.18	9.54	30	Pass
NVNT	n40	5190	Ant1	8.9	1.46	10.36	24	Pass
NVNT	n40	5230	Ant1	9.08	1.46	10.54	24	Pass
NVNT	n40	5270	Ant1	8.9	1.46	10.36	24	Pass
NVNT	n40	5310	Ant1	9.48	1.46	10.94	24	Pass
NVNT	n40	5510	Ant1	7.43	1.46	8.89	24	Pass
NVNT	n40	5590	Ant1	7.82	1.46	9.28	24	Pass
NVNT	n40	5670	Ant1	6.74	1.46	8.2	24	Pass
NVNT	n40	5755	Ant1	5.74	1.46	7.2	30	Pass
NVNT	n40	5795	Ant1	6.71	1.46	8.17	30	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	29.91	N/A	N/A
NVNT	a	5200	Ant1	28.11	N/A	N/A
NVNT	a	5240	Ant1	27.9	N/A	N/A
NVNT	a	5260	Ant1	25.14	N/A	N/A
NVNT	a	5280	Ant1	25.59	N/A	N/A
NVNT	a	5320	Ant1	28.26	N/A	N/A
NVNT	a	5500	Ant1	29.73	N/A	N/A
NVNT	a	5600	Ant1	28.89	N/A	N/A
NVNT	a	5700	Ant1	27.33	N/A	N/A
NVNT	n20	5180	Ant1	29.4	N/A	N/A
NVNT	n20	5200	Ant1	23.49	N/A	N/A
NVNT	n20	5240	Ant1	25.47	N/A	N/A
NVNT	n20	5260	Ant1	24.21	N/A	N/A
NVNT	n20	5280	Ant1	24.96	N/A	N/A
NVNT	n20	5320	Ant1	26.43	N/A	N/A
NVNT	n20	5500	Ant1	26.7	N/A	N/A
NVNT	n20	5600	Ant1	24.42	N/A	N/A
NVNT	n20	5700	Ant1	21.33	N/A	N/A
NVNT	n40	5190	Ant1	38.7	N/A	N/A
NVNT	n40	5230	Ant1	38.7	N/A	N/A
NVNT	n40	5270	Ant1	38.64	N/A	N/A
NVNT	n40	5310	Ant1	40.2	N/A	N/A
NVNT	n40	5510	Ant1	53.16	N/A	N/A
NVNT	n40	5590	Ant1	51.6	N/A	N/A
NVNT	n40	5670	Ant1	39.06	N/A	N/A

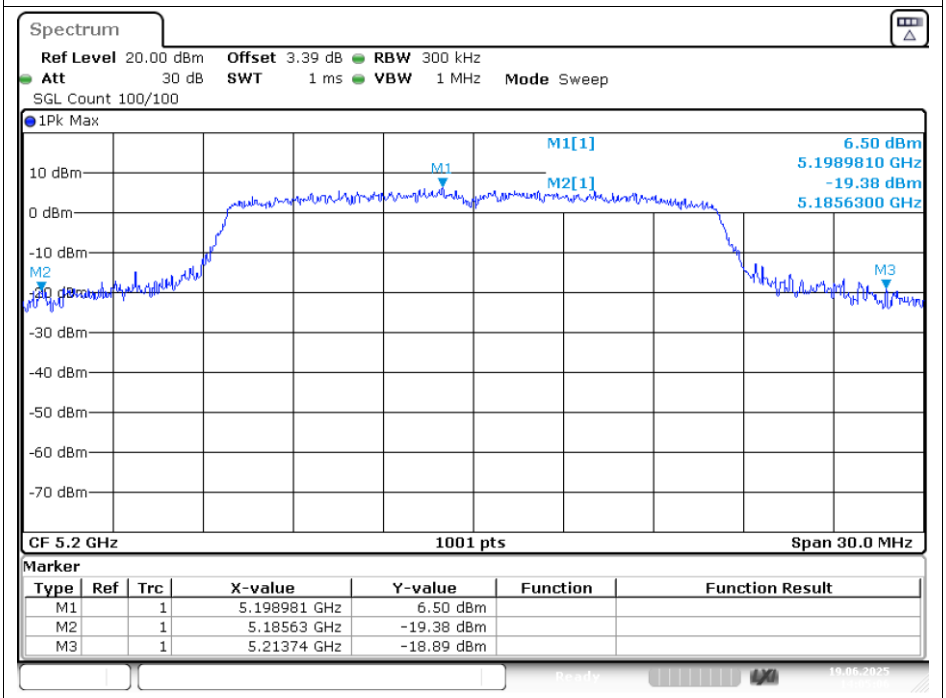
Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant1



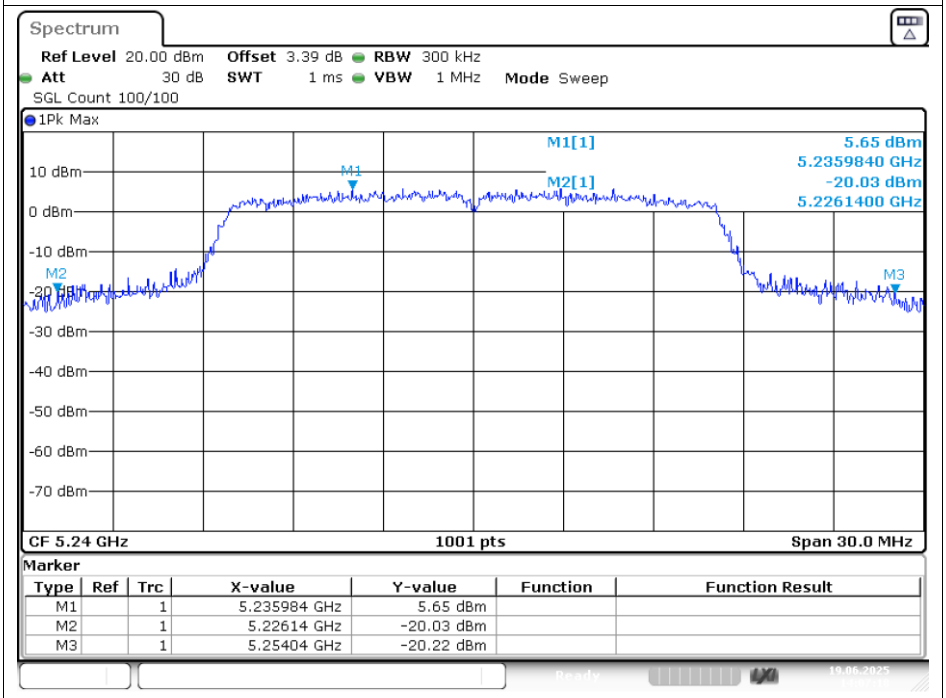
Date: 19.JUN.2025 14:02:26

-26dB Bandwidth NVNT a 5200MHz Ant1



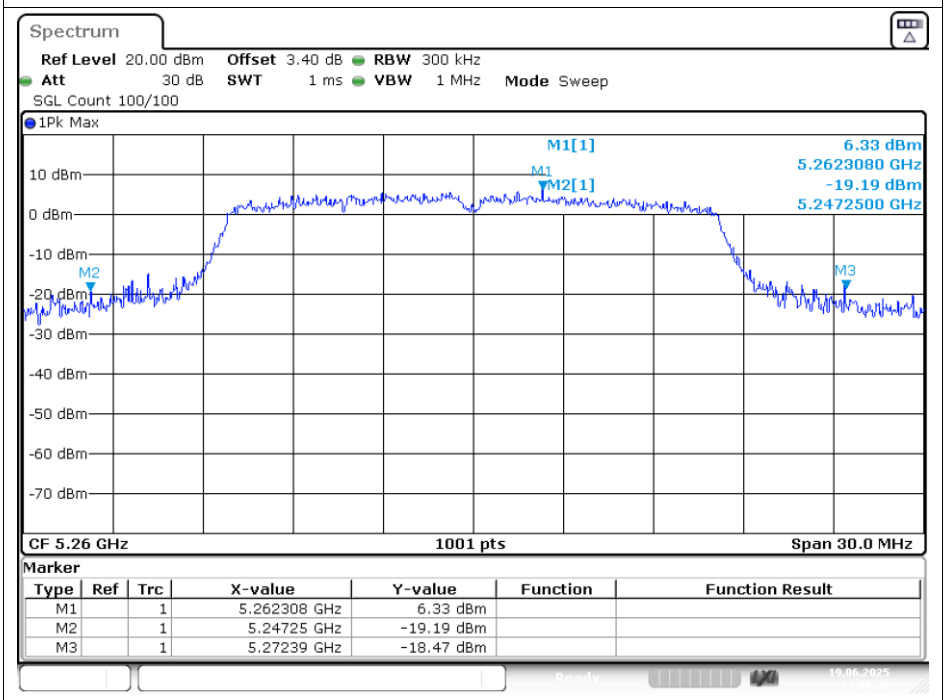
Date: 19.JUN.2025 14:05:06

-26dB Bandwidth NVNT a 5240MHz Ant1



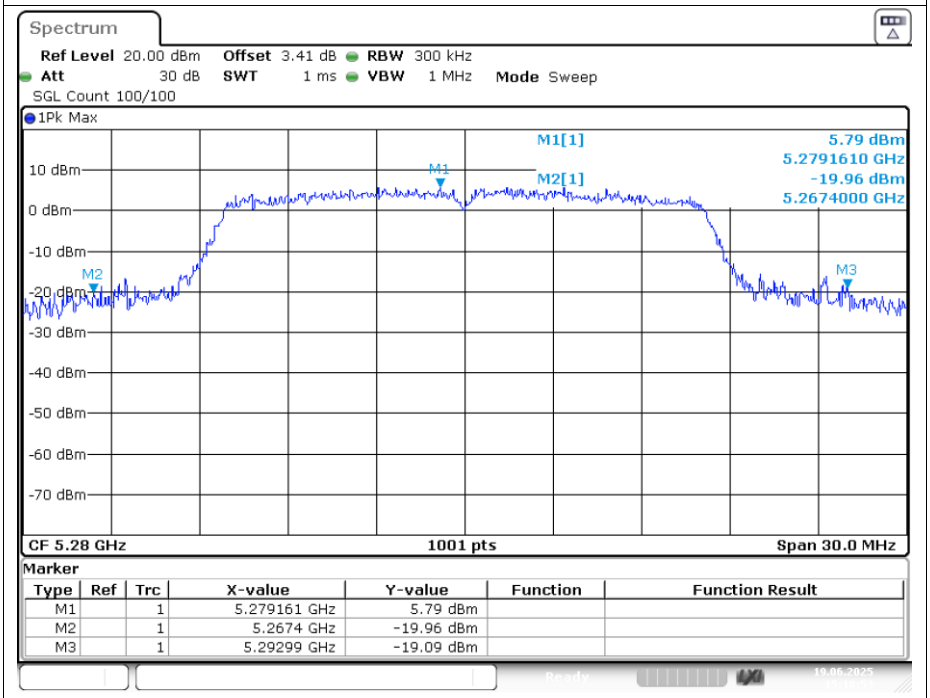
Date: 19.JUN.2025 14:07:18

-26dB Bandwidth NVNT a 5260MHz Ant1



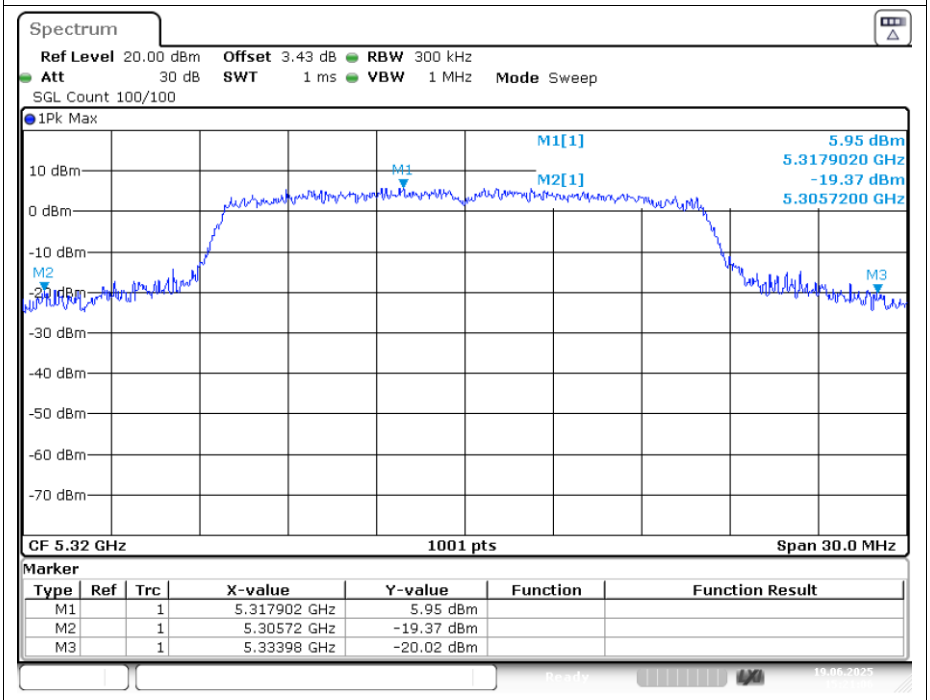
Date: 19.JUN.2025 14:09:26

-26dB Bandwidth NVNT a 5280MHz Ant1



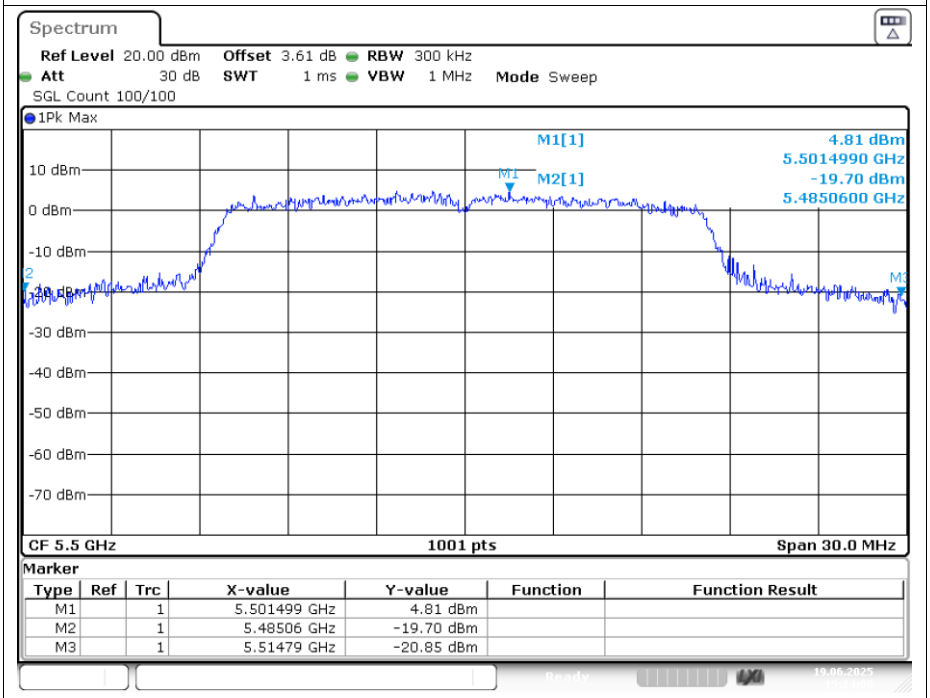
Date: 19.JUN.2025 15:18:53

-26dB Bandwidth NVNT a 5320MHz Ant1



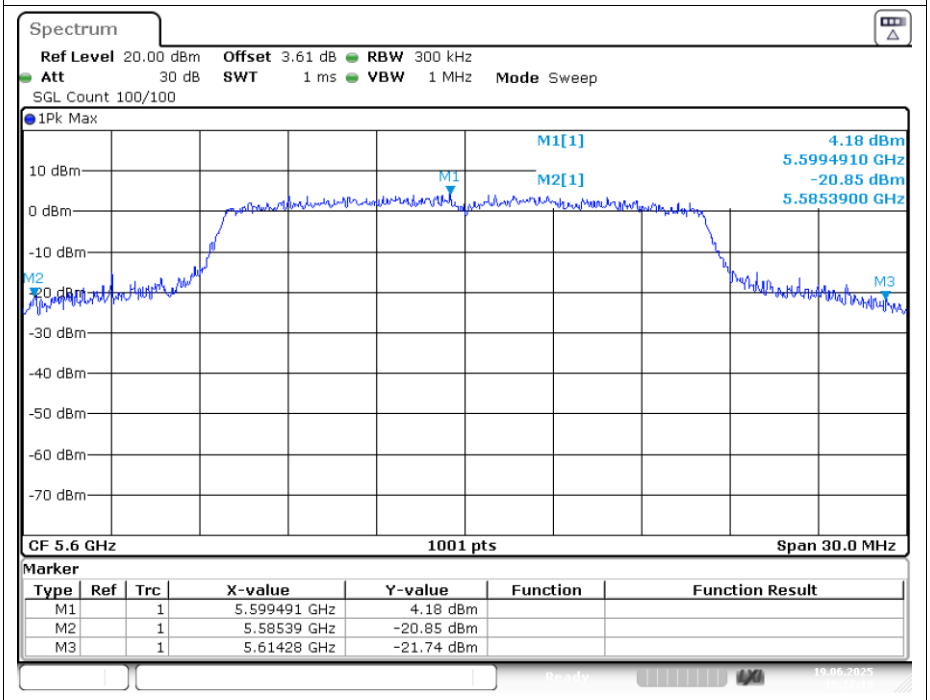
Date: 19.JUN.2025 15:21:06

-26dB Bandwidth NVNT a 5500MHz Ant1



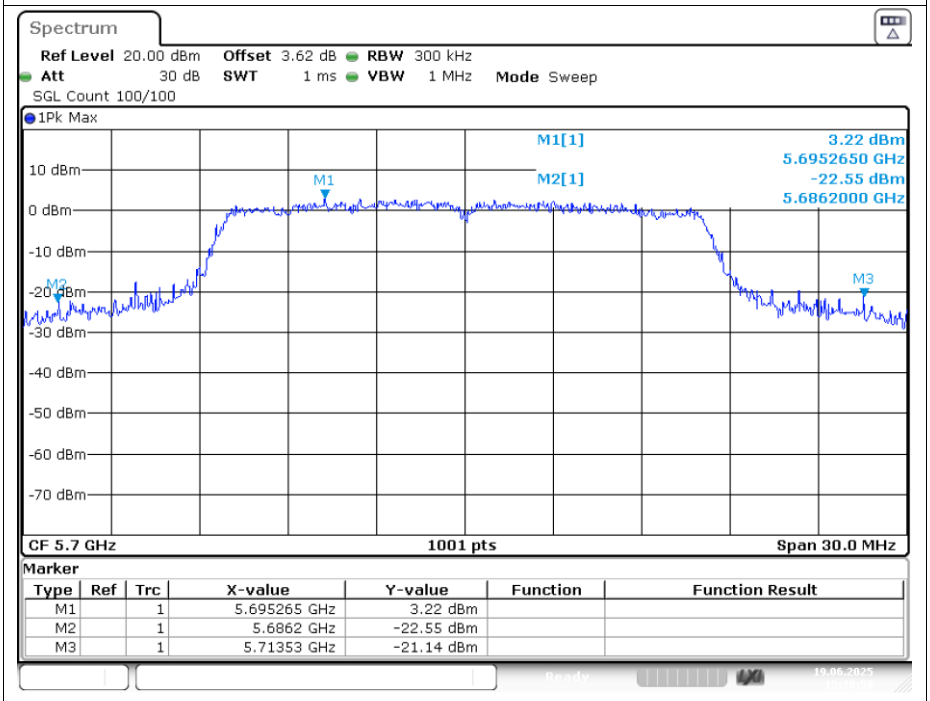
Date: 19.JUN.2025 15:24:00

-26dB Bandwidth NVNT a 5600MHz Ant1



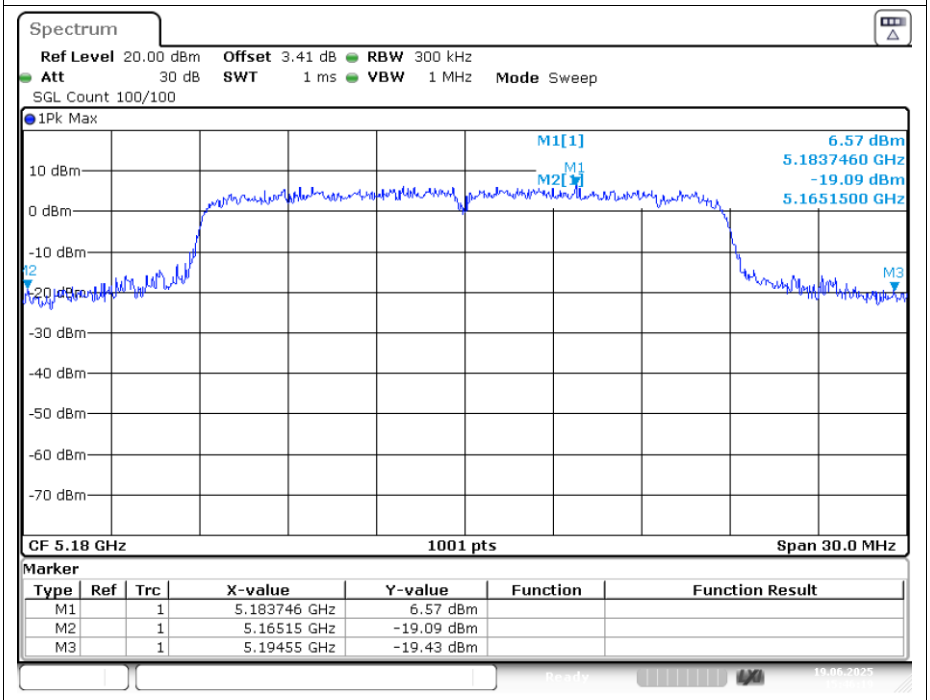
Date: 19.JUN.2025 15:27:19

-26dB Bandwidth NVNT a 5700MHz Ant1



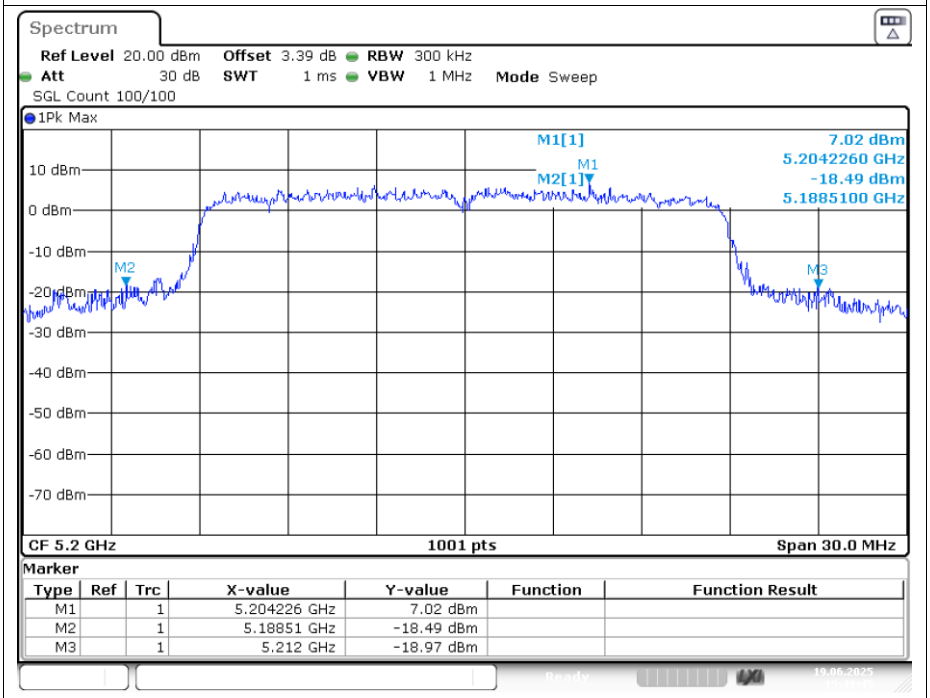
Date: 19.JUN.2025 15:30:50

-26dB Bandwidth NVNT n20 5180MHz Ant1



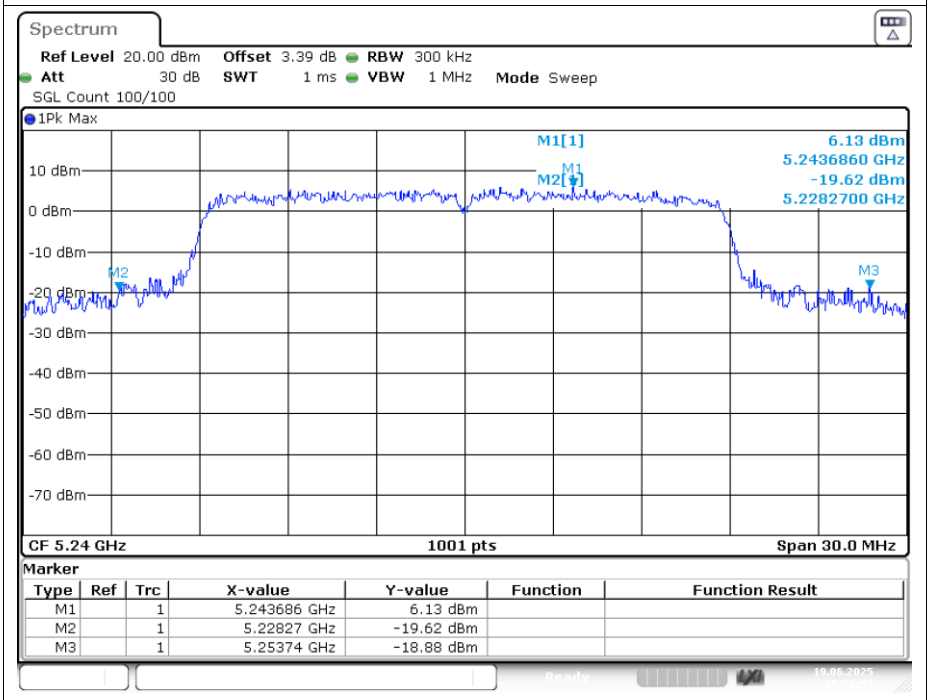
Date: 19.JUN.2025 15:46:19

-26dB Bandwidth NVNT n20 5200MHz Ant1



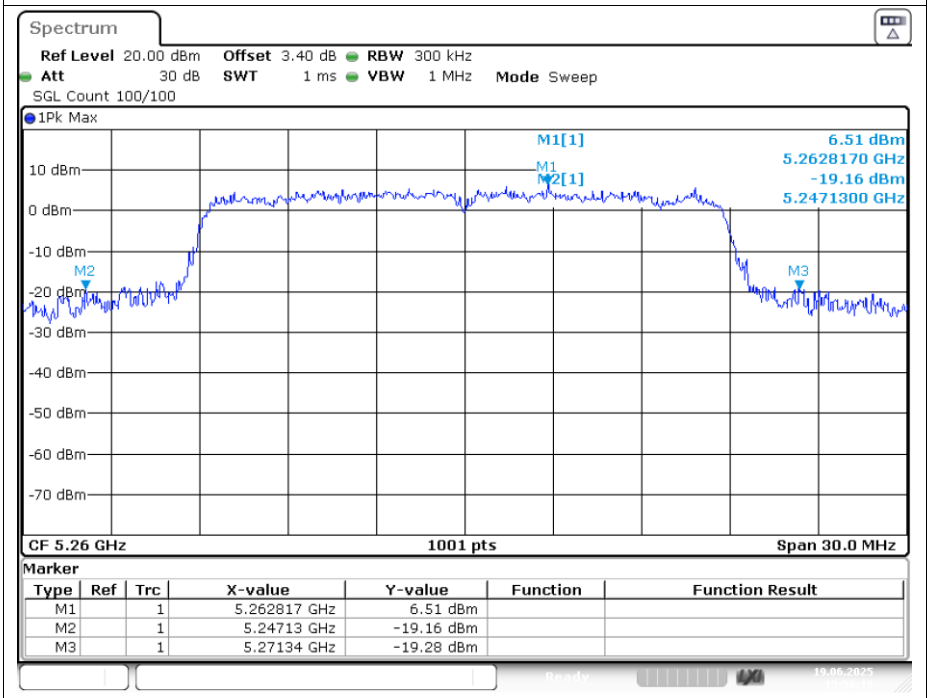
Date: 19.JUN.2025 15:49:45

-26dB Bandwidth NVNT n20 5240MHz Ant1



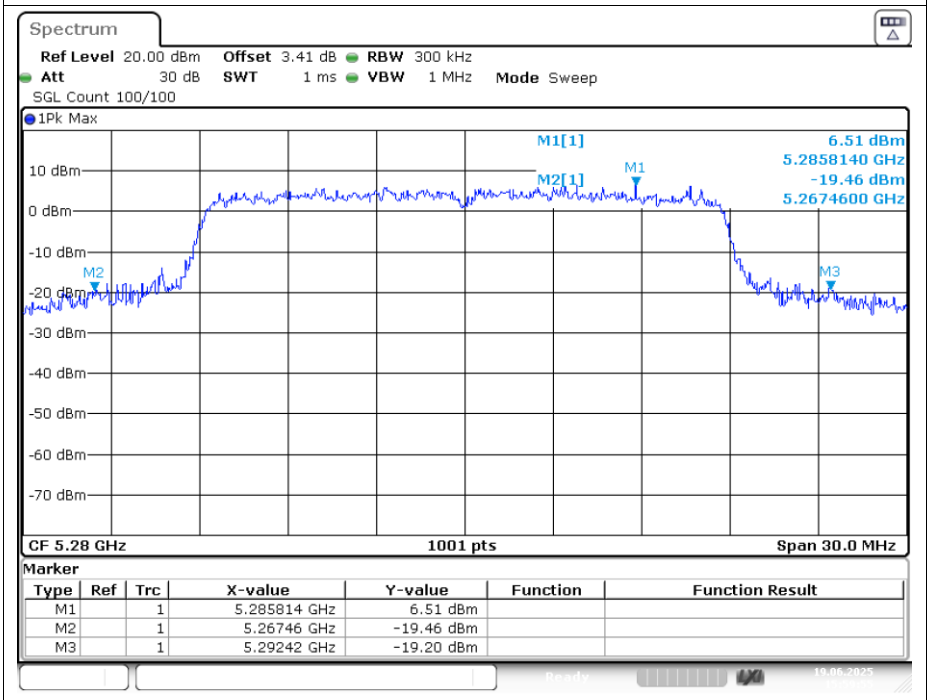
Date: 19.JUN.2025 15:52:57

-26dB Bandwidth NVNT n20 5260MHz Ant1



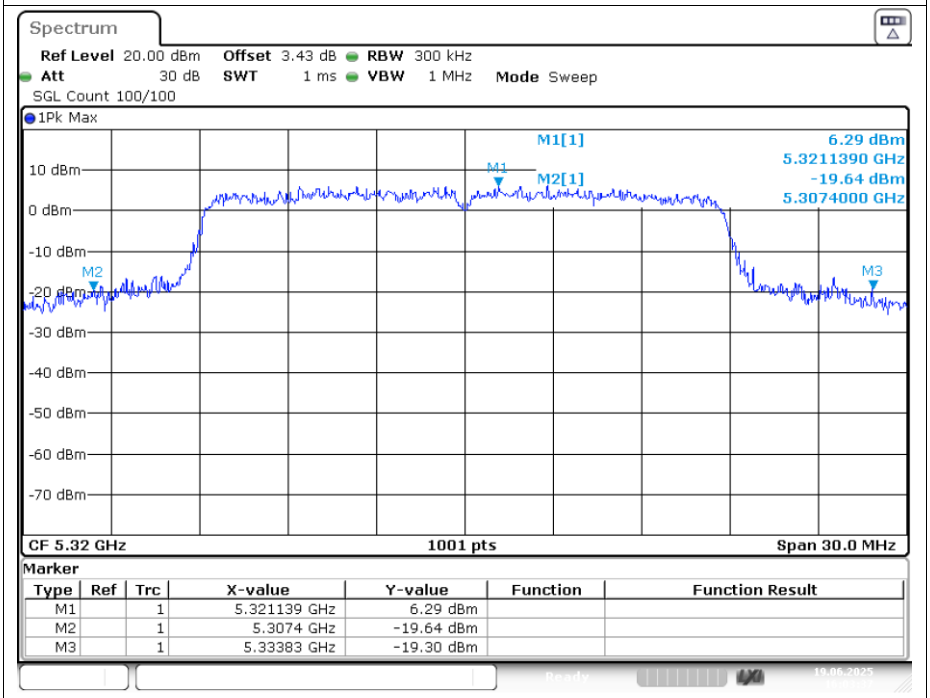
Date: 19.JUN.2025 15:56:15

-26dB Bandwidth NVNT n20 5280MHz Ant1



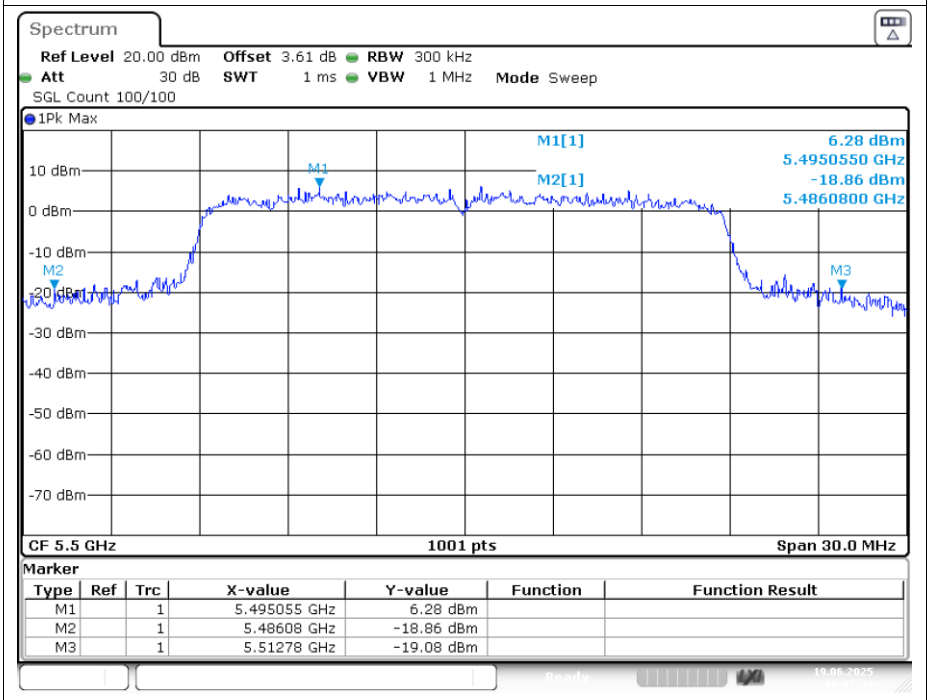
Date: 19.JUN.2025 15:59:55

-26dB Bandwidth NVNT n20 5320MHz Ant1



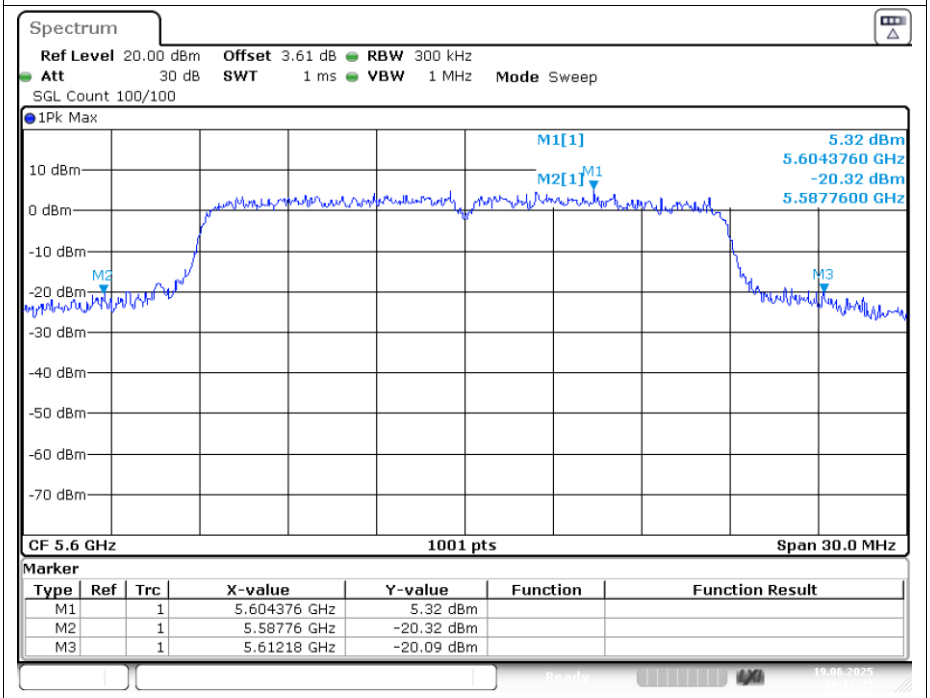
Date: 19.JUN.2025 16:03:37

-26dB Bandwidth NVNT n20 5500MHz Ant1



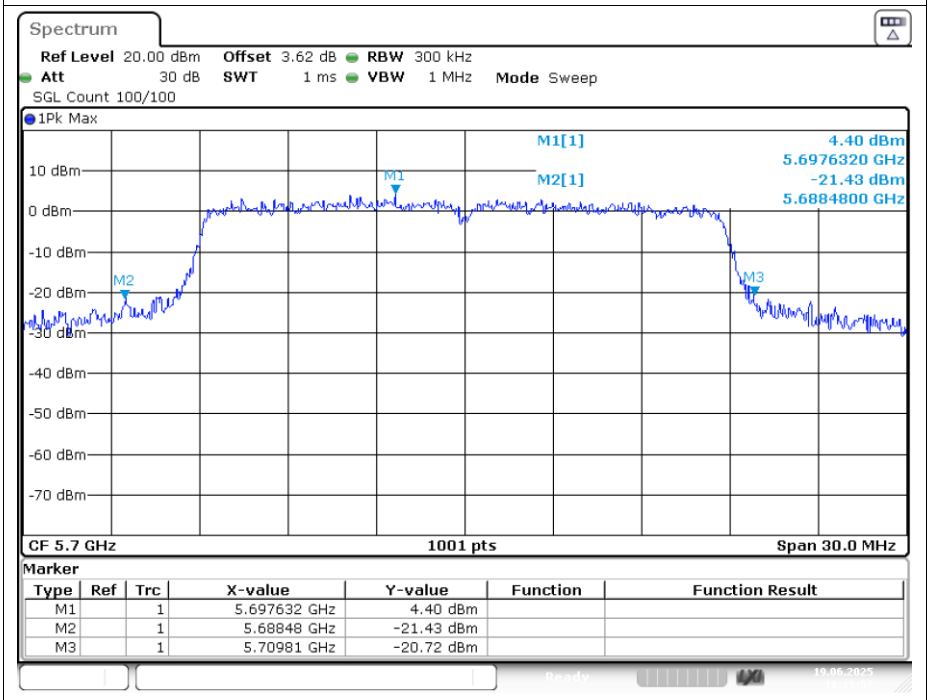
Date: 19.JUN.2025 16:07:38

-26dB Bandwidth NVNT n20 5600MHz Ant1



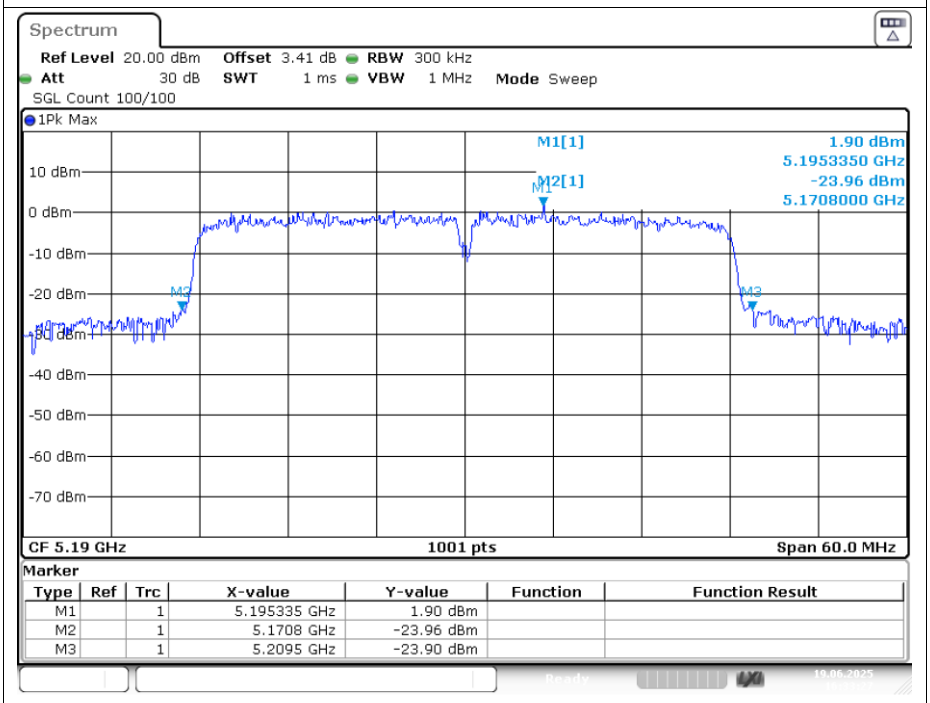
Date: 19.JUN.2025 16:12:22

-26dB Bandwidth NVNT n20 5700MHz Ant1



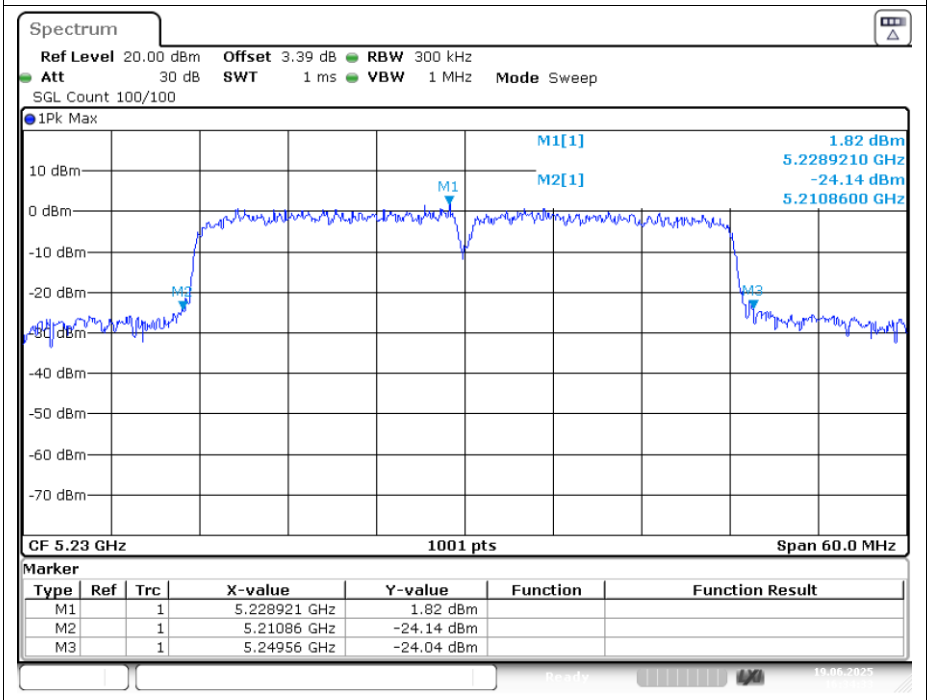
Date: 19.JUN.2025 16:15:56

-26dB Bandwidth NVNT n40 5190MHz Ant1



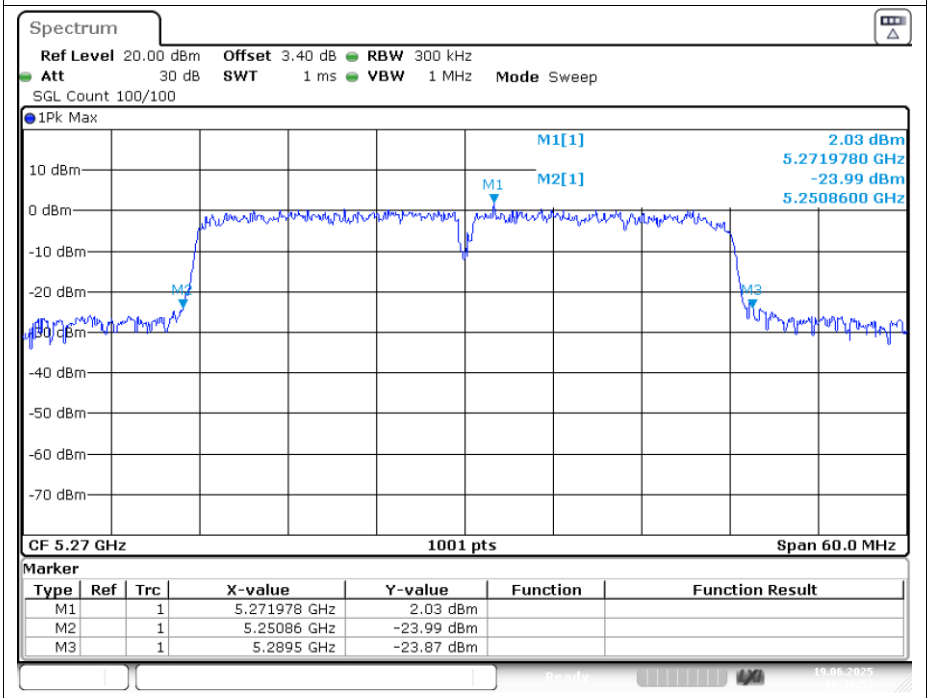
Date: 19.JUN.2025 16:33:27

-26dB Bandwidth NVNT n40 5230MHz Ant1



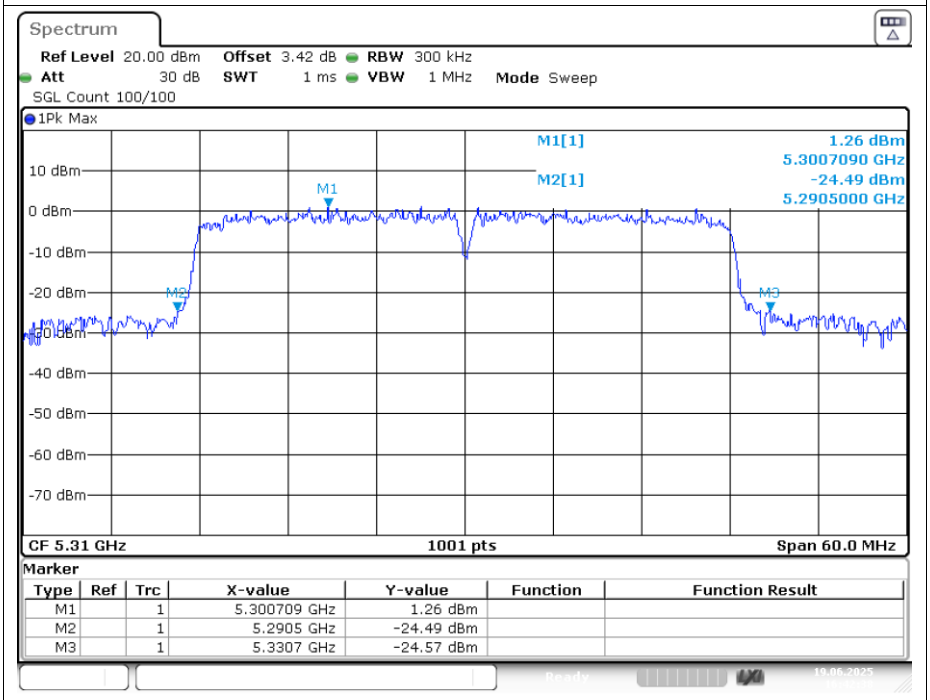
Date: 19.JUN.2025 16:34:33

-26dB Bandwidth NVNT n40 5270MHz Ant1



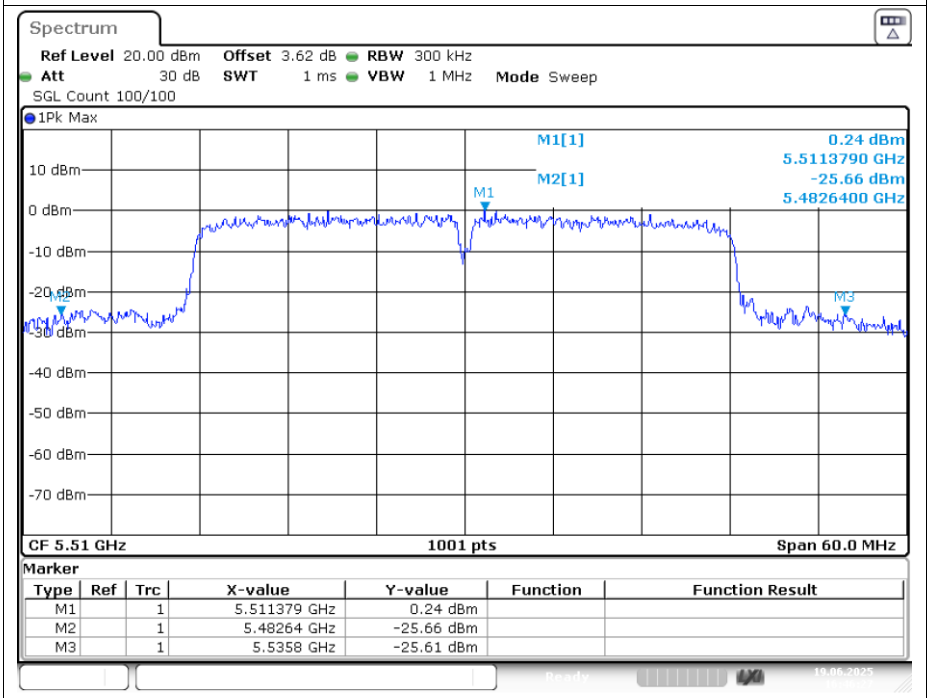
Date: 19.JUN.2025 16:38:53

-26dB Bandwidth NVNT n40 5310MHz Ant1



Date: 19.JUN.2025 16:42:38

-26dB Bandwidth NVNT n40 5510MHz Ant1

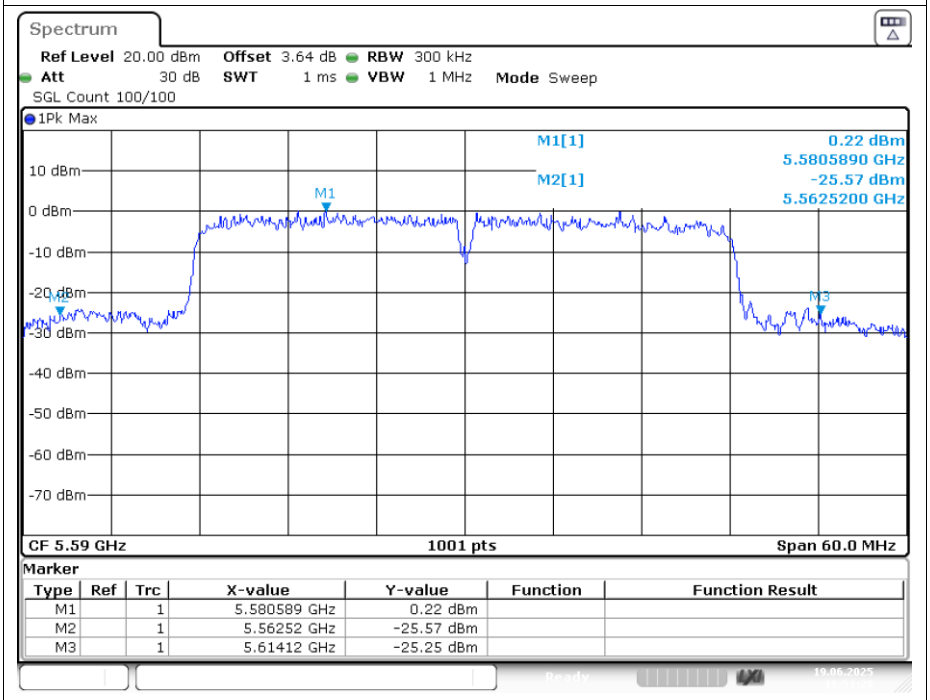


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.511379 GHz	0.24 dBm		
M2		1	5.48264 GHz	-25.66 dBm		
M3		1	5.5358 GHz	-25.61 dBm		

Date: 19.JUN.2025 16:46:27

-26dB Bandwidth NVNT n40 5590MHz Ant1

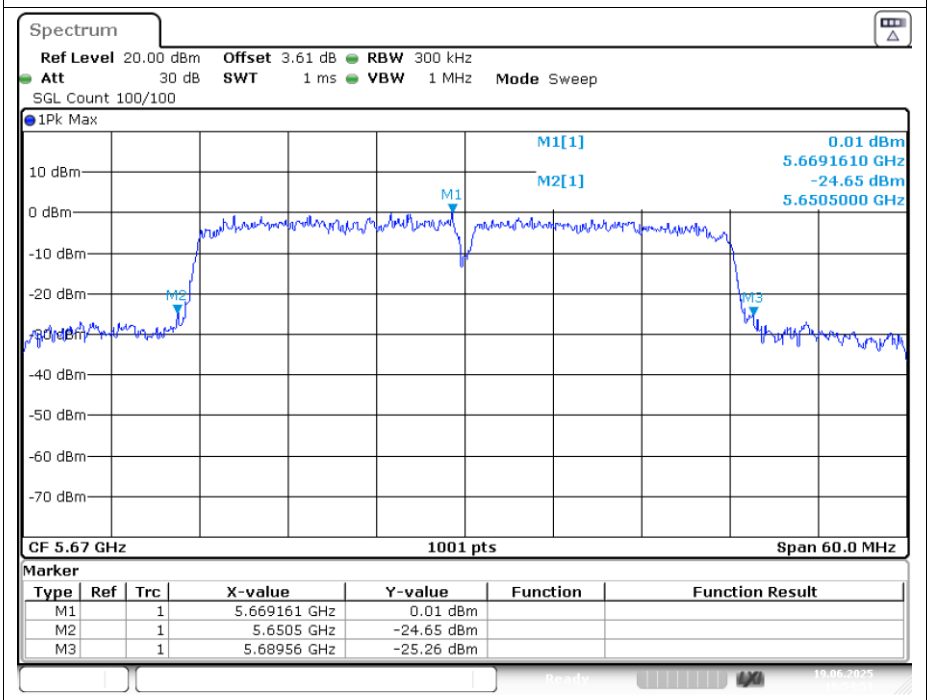


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.580589 GHz	0.22 dBm		
M2		1	5.56252 GHz	-25.57 dBm		
M3		1	5.61412 GHz	-25.25 dBm		

Date: 19.JUN.2025 16:51:28

-26dB Bandwidth NVNT n40 5670MHz Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.669161 GHz	0.01 dBm		
M2		1	5.6505 GHz	-24.65 dBm		
M3		1	5.68956 GHz	-25.26 dBm		

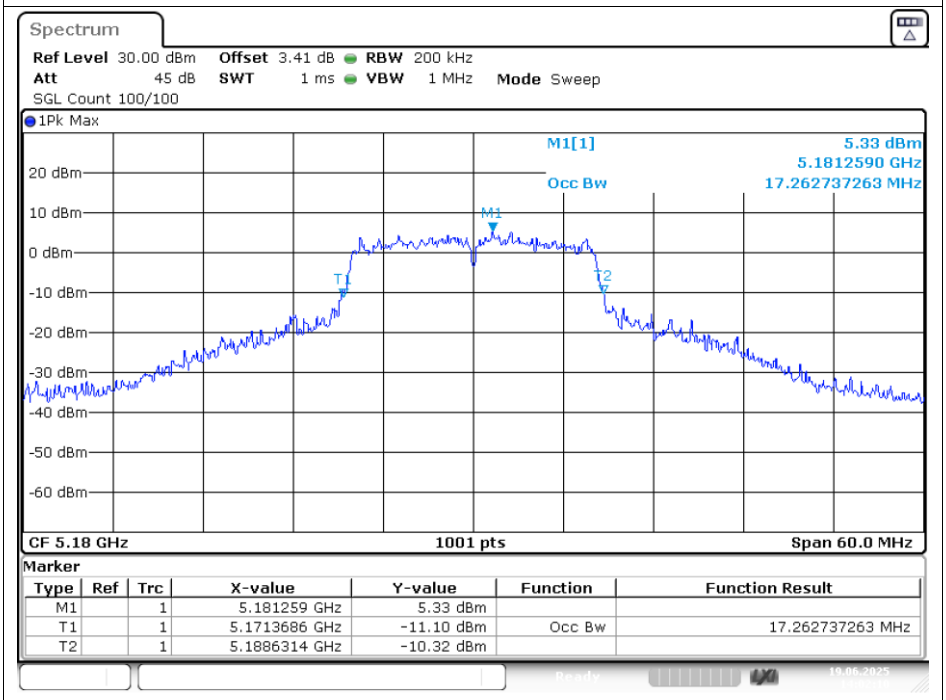
Date: 19.JUN.2025 16:54:51

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5180	Ant1	17.263
NVNT	a	5200	Ant1	16.723
NVNT	a	5240	Ant1	16.543
NVNT	a	5260	Ant1	16.543
NVNT	a	5280	Ant1	16.603
NVNT	a	5320	Ant1	16.603
NVNT	a	5500	Ant1	17.023
NVNT	a	5600	Ant1	16.783
NVNT	a	5700	Ant1	16.663
NVNT	a	5745	Ant1	16.424
NVNT	a	5785	Ant1	16.364
NVNT	a	5825	Ant1	16.424
NVNT	n20	5180	Ant1	17.622
NVNT	n20	5200	Ant1	17.682
NVNT	n20	5240	Ant1	17.622
NVNT	n20	5260	Ant1	17.622
NVNT	n20	5280	Ant1	17.622
NVNT	n20	5320	Ant1	17.622
NVNT	n20	5500	Ant1	17.622
NVNT	n20	5600	Ant1	17.622
NVNT	n20	5700	Ant1	17.562
NVNT	n20	5745	Ant1	17.502
NVNT	n20	5785	Ant1	17.562
NVNT	n20	5825	Ant1	17.502
NVNT	n40	5190	Ant1	36.324
NVNT	n40	5230	Ant1	36.324
NVNT	n40	5270	Ant1	36.084
NVNT	n40	5310	Ant1	36.084
NVNT	n40	5510	Ant1	36.204
NVNT	n40	5590	Ant1	36.324
NVNT	n40	5670	Ant1	36.084
NVNT	n40	5755	Ant1	36.084
NVNT	n40	5795	Ant1	35.964

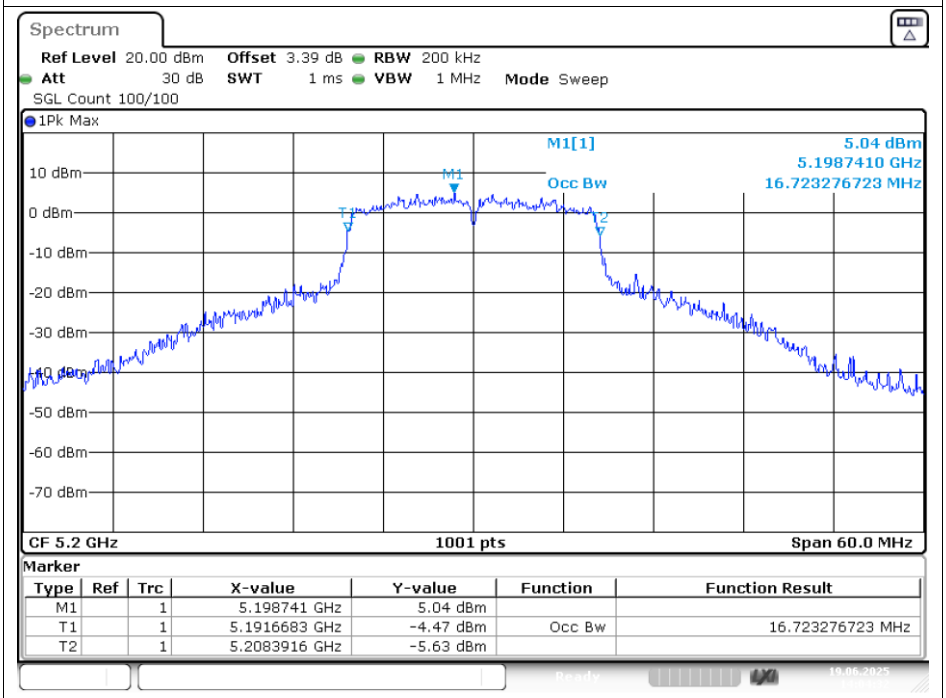
Test Graphs

OBW NVNT a 5180MHz Ant1



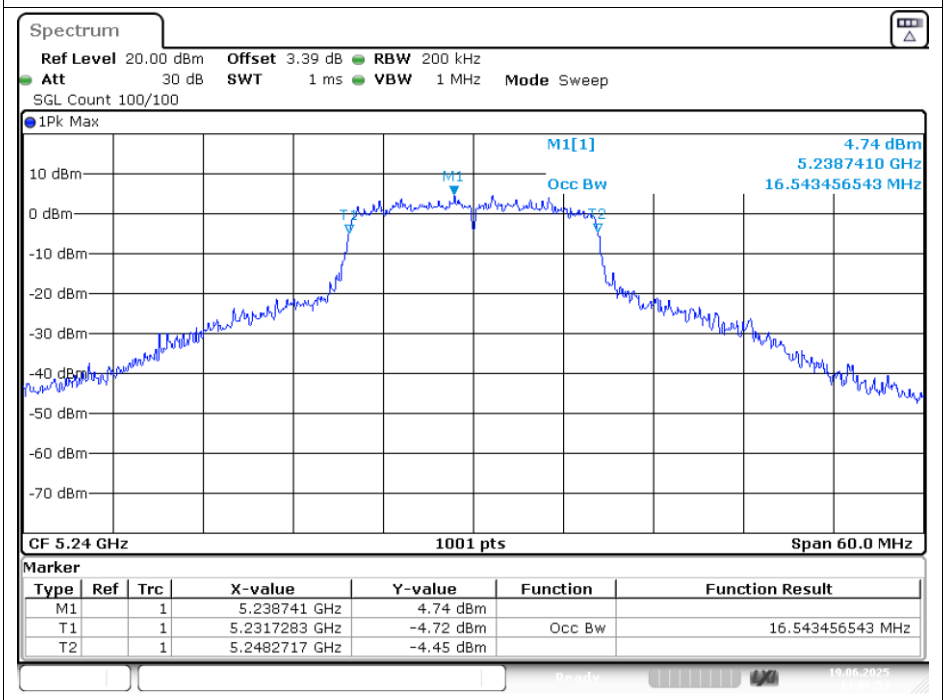
Date: 19.JUN.2025 14:02:10

OBW NVNT a 5200MHz Ant1



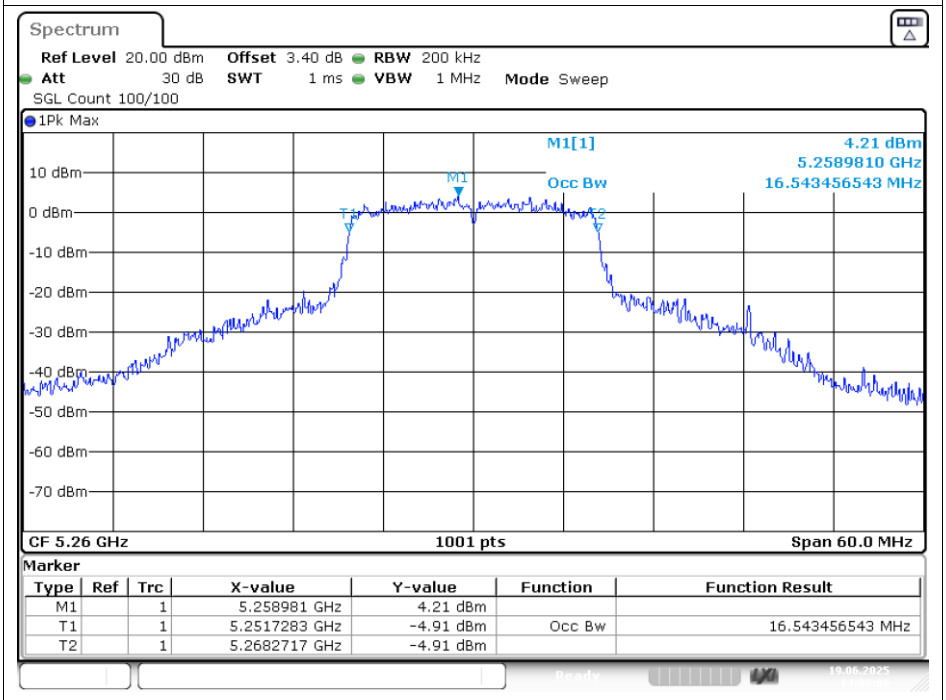
Date: 19.JUN.2025 14:04:33

OBW NVNT a 5240MHz Ant1



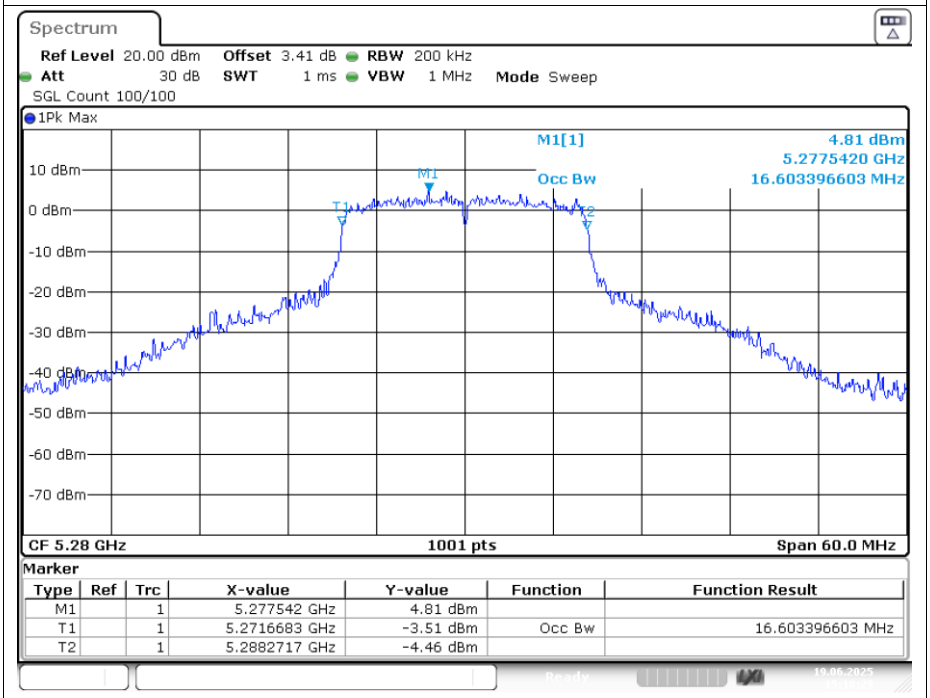
Date: 19.JUN.2025 14:06:53

OBW NVNT a 5260MHz Ant1



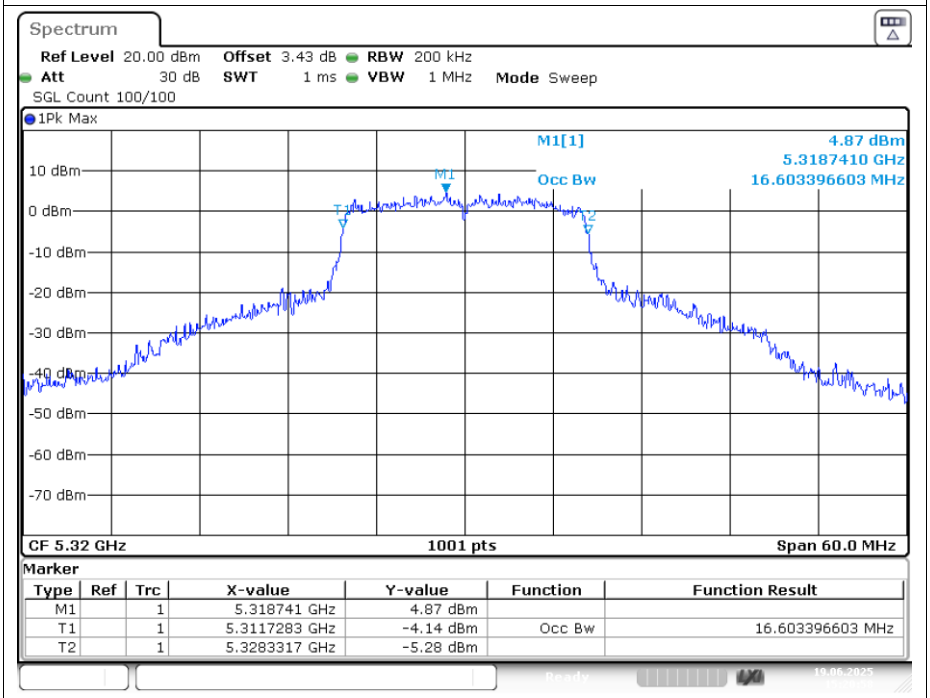
Date: 19.JUN.2025 14:09:05

OBW NVNT a 5280MHz Ant1



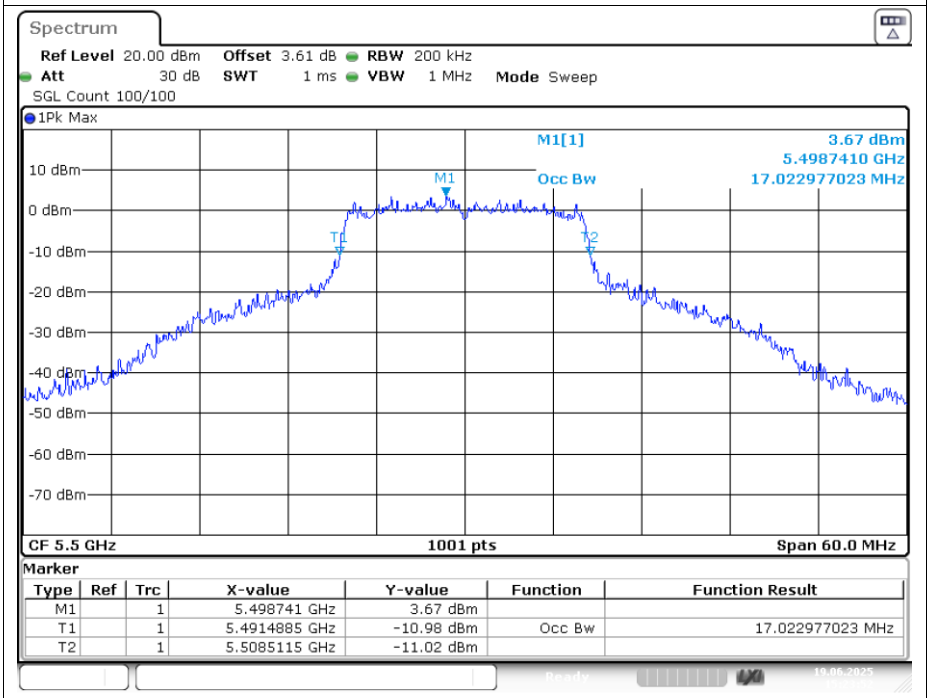
Date: 19.JUN.2025 15:18:29

OBW NVNT a 5320MHz Ant1



Date: 19.JUN.2025 15:20:57

OBW NVNT a 5500MHz Ant1

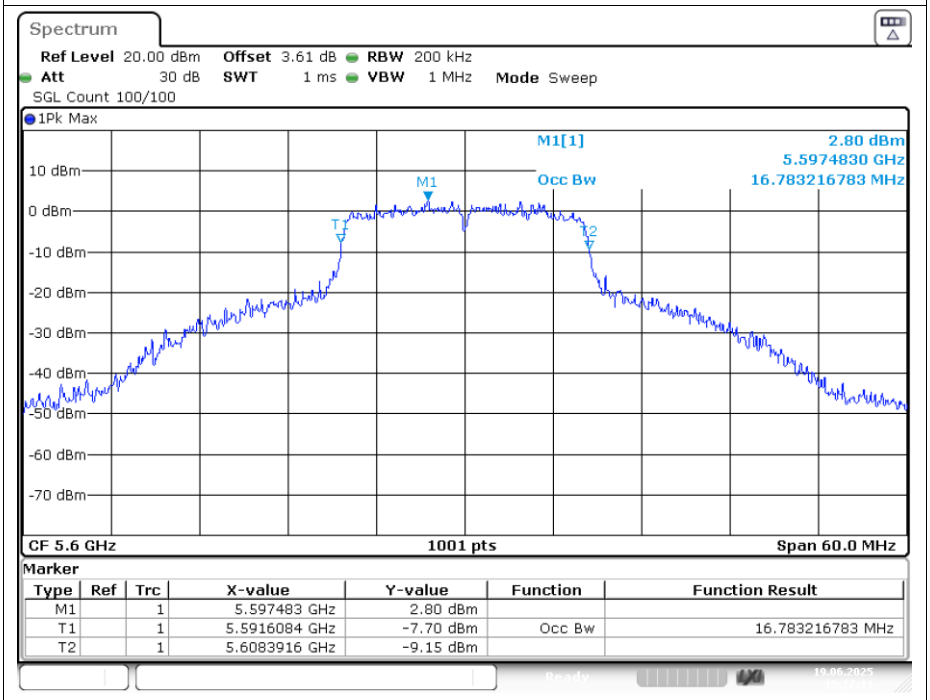


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.498741 GHz	3.67 dBm		
T1		1	5.4914885 GHz	-10.98 dBm	Occ Bw	17.022977023 MHz
T2		1	5.5085115 GHz	-11.02 dBm		

Date: 19.JUN.2025 15:23:52

OBW NVNT a 5600MHz Ant1

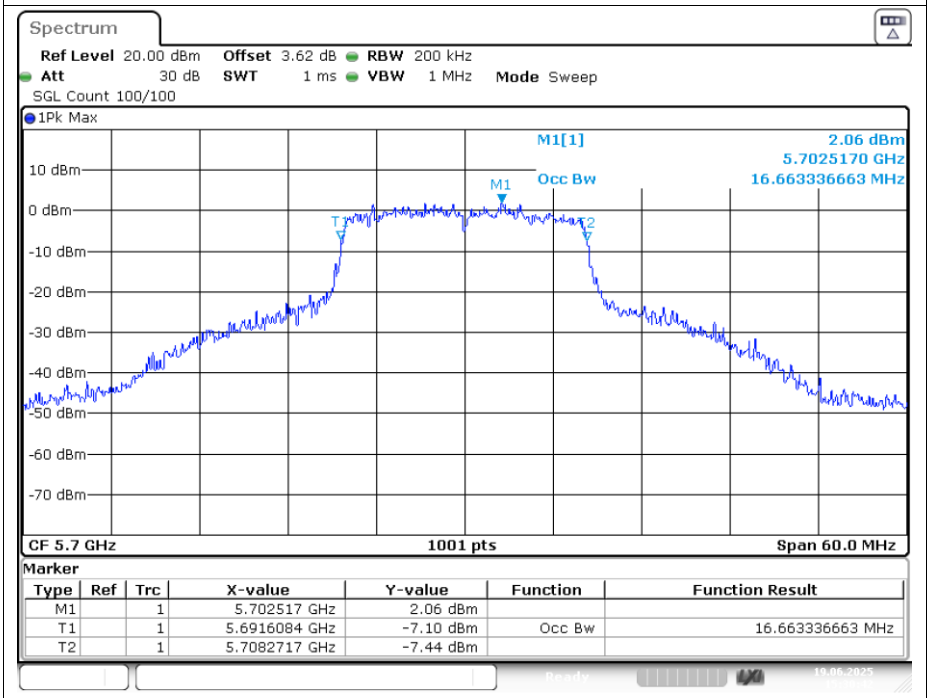


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.597483 GHz	2.80 dBm		
T1		1	5.5916084 GHz	-7.70 dBm	Occ Bw	16.783216783 MHz
T2		1	5.6083916 GHz	-9.15 dBm		

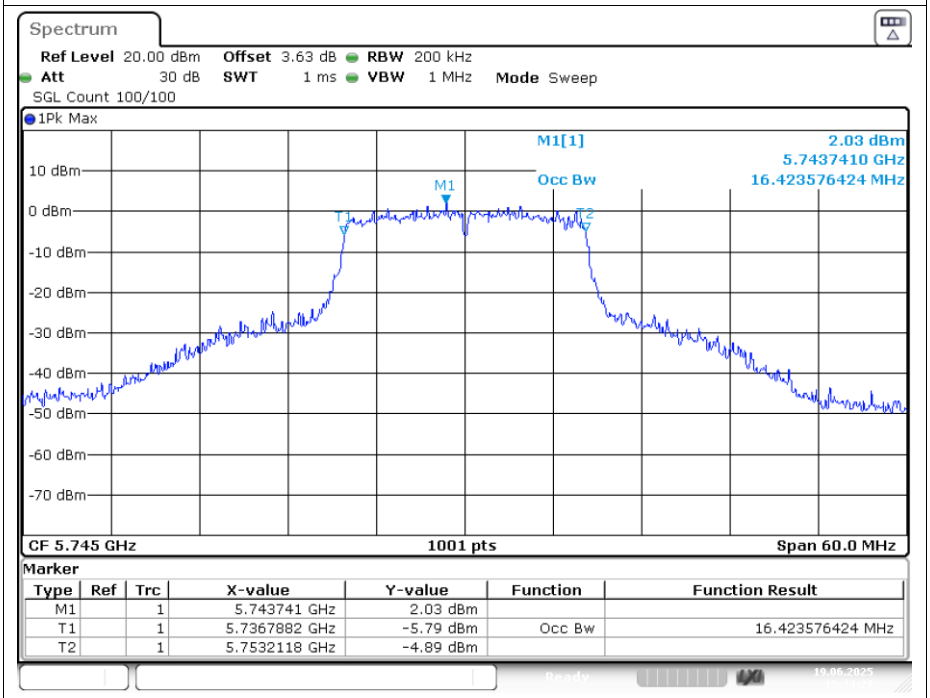
Date: 19.JUN.2025 15:27:10

OBW NVNT a 5700MHz Ant1



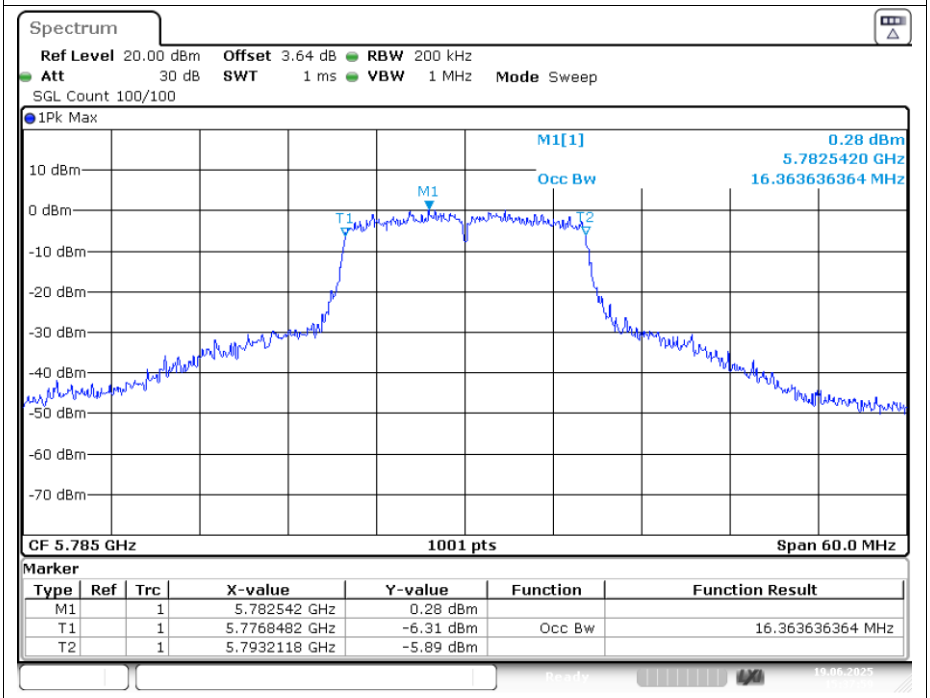
Date: 19.JUN.2025 15:30:42

OBW NVNT a 5745MHz Ant1



Date: 19.JUN.2025 15:34:27

OBW NVNT a 5785MHz Ant1

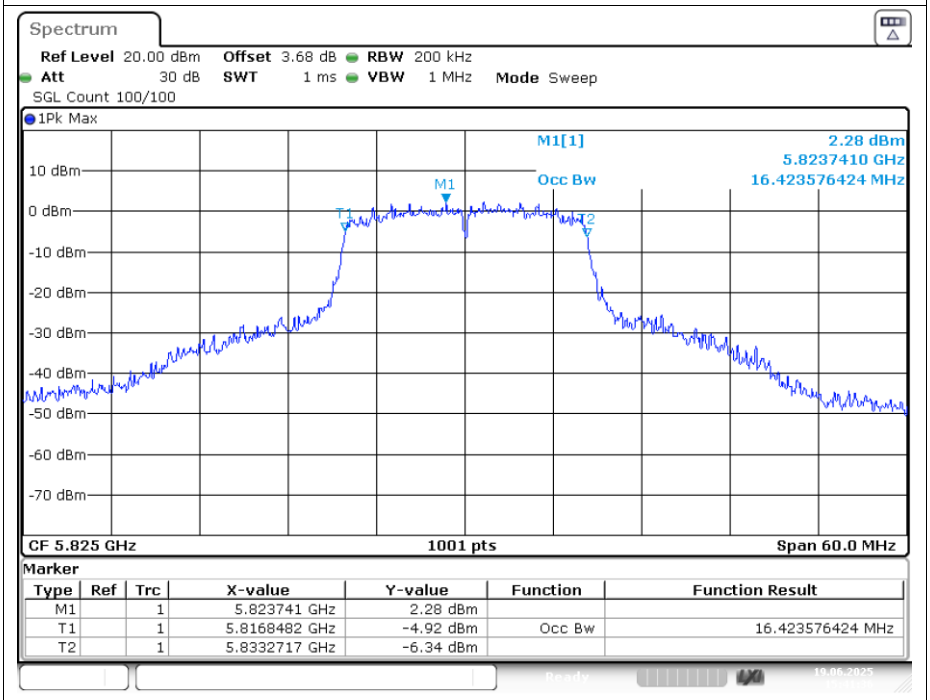


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.782542 GHz	0.28 dBm		
T1		1	5.7768482 GHz	-6.31 dBm	Occ Bw	16.363636364 MHz
T2		1	5.7932118 GHz	-5.89 dBm		

Date: 19.JUN.2025 15:37:59

OBW NVNT a 5825MHz Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.823741 GHz	2.28 dBm		
T1		1	5.8168482 GHz	-4.92 dBm	Occ Bw	16.423576424 MHz
T2		1	5.8332717 GHz	-6.34 dBm		

Date: 19.JUN.2025 15:41:36