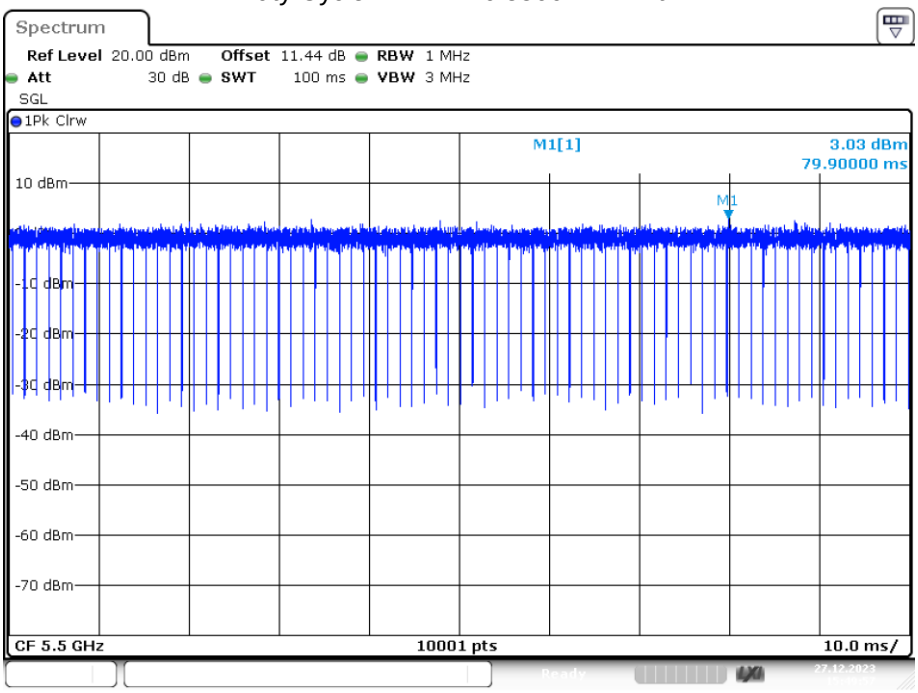
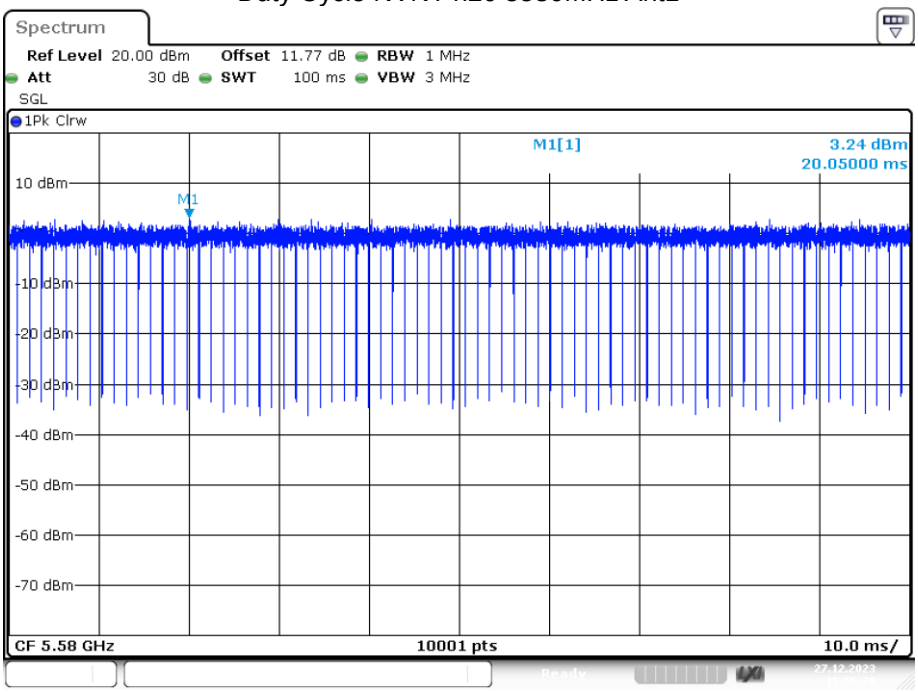
Duty Cycle NVNT n20 5500MHz Ant1



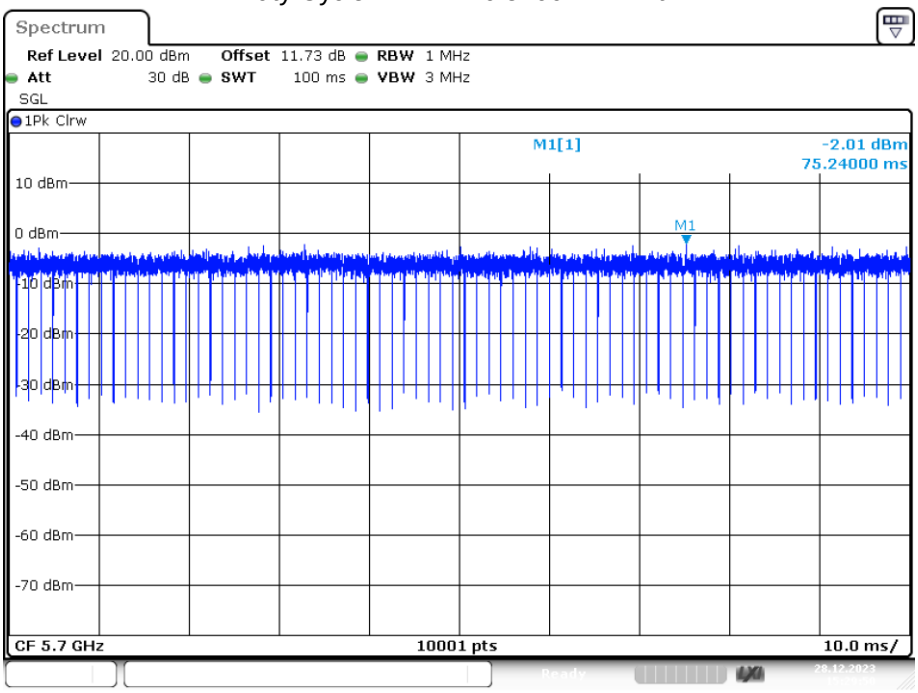
Date: 27.DEC.2023 15:49:57

Duty Cycle NVNT n20 5580MHz Ant1



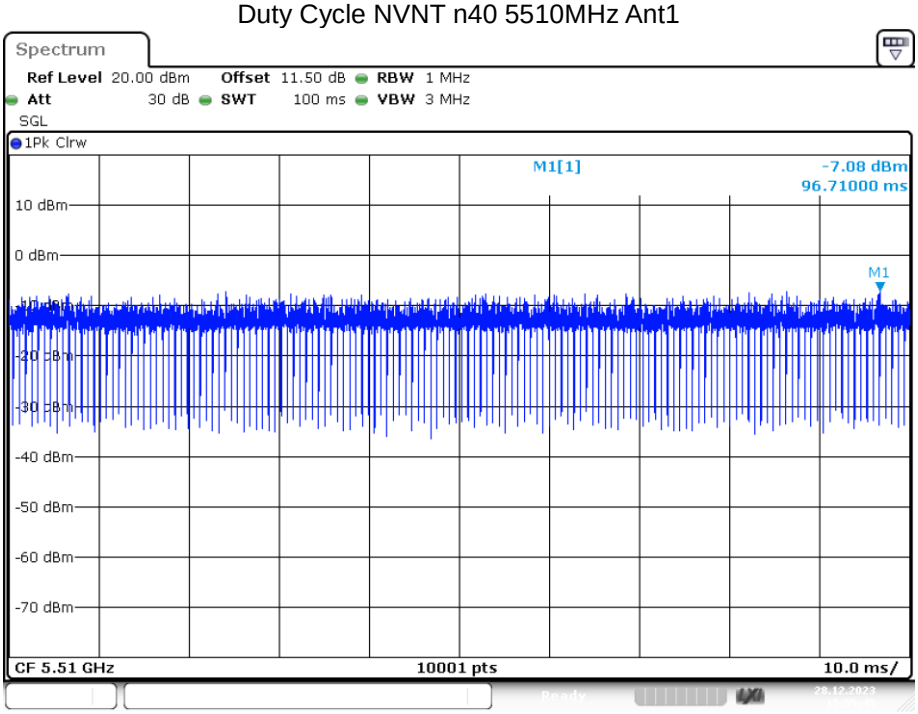
Date: 27.DEC.2023 15:56:20

Duty Cycle NVNT n20 5700MHz Ant1



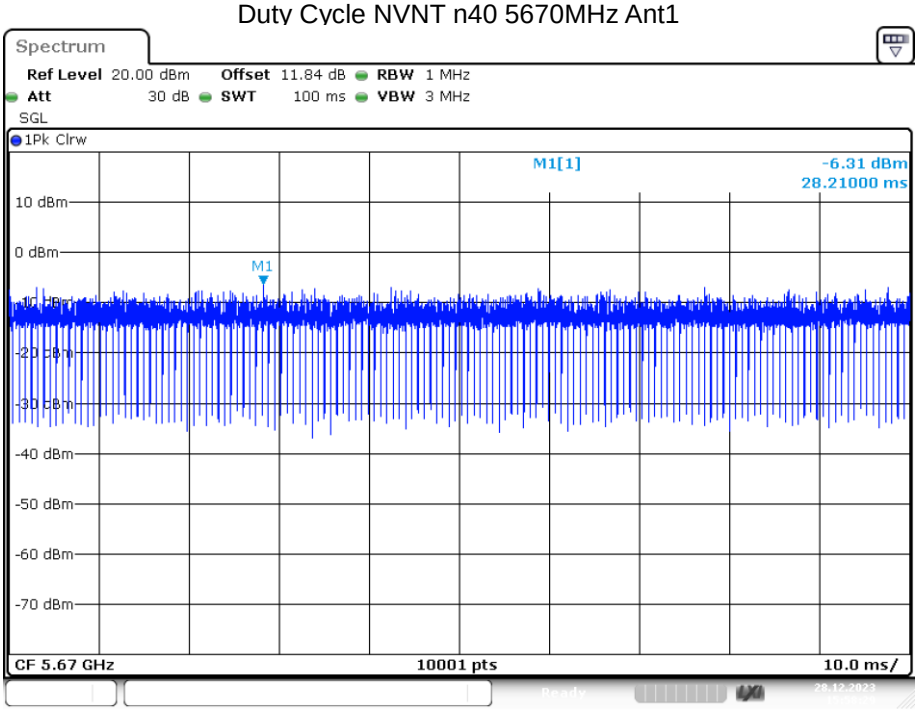
Date: 28.DEC.2023 15:29:50

Duty Cycle NVNT n40 5510MHz Ant1



Date: 28.DEC.2023 15:55:45

Duty Cycle NVNT n40 5670MHz Ant1



Date: 28.DEC.2023 15:58:29

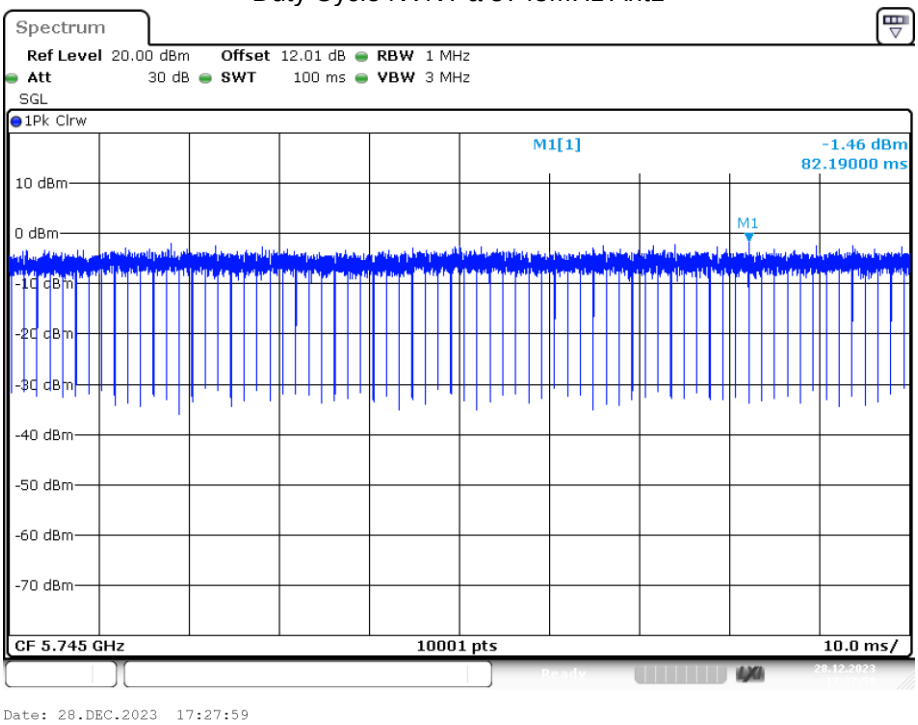
Band 4 (5725 – 5850 MHz)

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	6.082	30	Pass
NVNT	a	5785	Ant1	6.707	30	Pass
NVNT	a	5825	Ant1	6.611	30	Pass
NVNT	ac20	5745	Ant1	6.578	30	Pass
NVNT	ac20	5785	Ant1	6.401	30	Pass
NVNT	ac20	5825	Ant1	6.873	30	Pass
NVNT	ac40	5755	Ant1	6.265	30	Pass
NVNT	ac40	5795	Ant1	6.142	30	Pass
NVNT	ac80	5775	Ant1	6.42	30	Pass
NVNT	n20	5745	Ant1	6.188	30	Pass
NVNT	n20	5785	Ant1	6.279	30	Pass
NVNT	n20	5825	Ant1	6.288	30	Pass
NVNT	n40	5755	Ant1	6.309	30	Pass
NVNT	n40	5795	Ant1	6.939	30	Pass

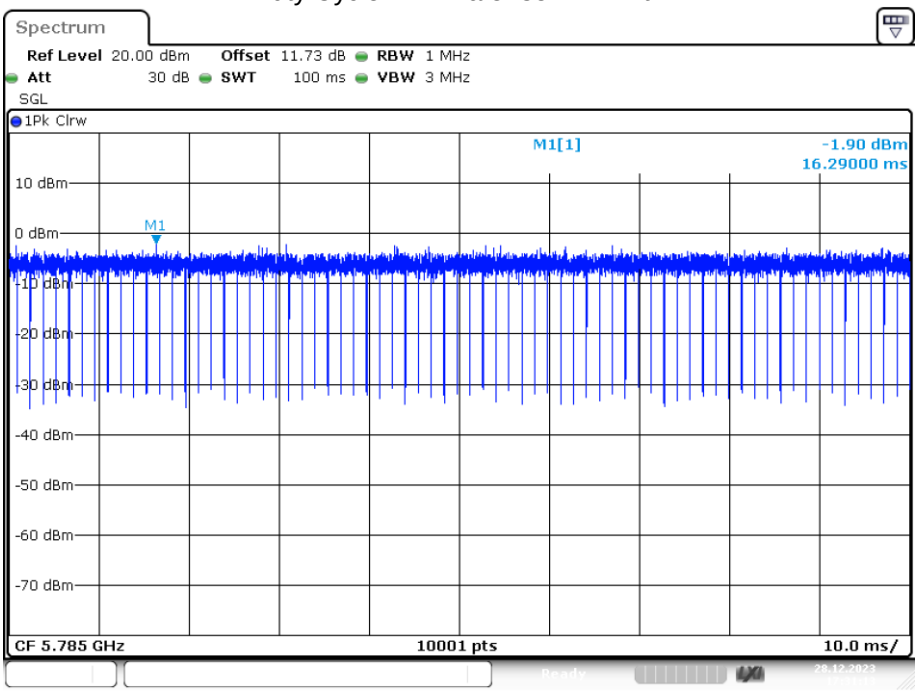
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	a	5745	Ant1	100	0
NVNT	a	5785	Ant1	100	0
NVNT	a	5825	Ant1	100	0
NVNT	ac20	5745	Ant1	100	0
NVNT	ac20	5785	Ant1	100	0
NVNT	ac20	5825	Ant1	100	0
NVNT	ac40	5755	Ant1	100	0
NVNT	ac40	5795	Ant1	100	0
NVNT	ac80	5775	Ant1	100	0
NVNT	n20	5745	Ant1	100	0
NVNT	n20	5785	Ant1	100	0
NVNT	n20	5825	Ant1	100	0
NVNT	n40	5755	Ant1	100	0
NVNT	n40	5795	Ant1	100	0

Duty Cycle NVNT a 5745MHz Ant1

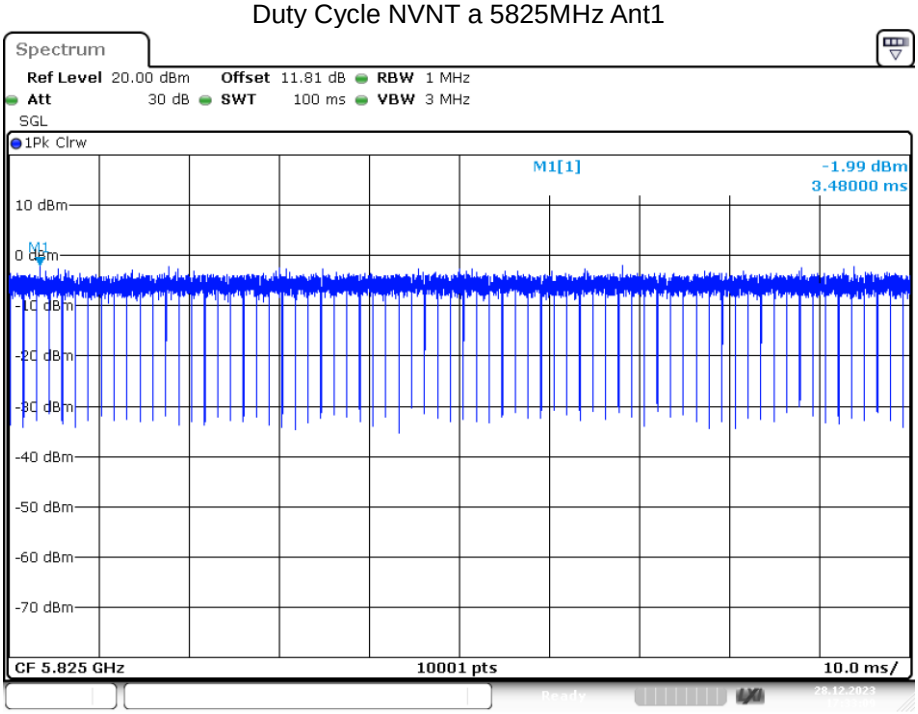


Duty Cycle NVNT a 5785MHz Ant1



Date: 28.DEC.2023 17:31:13

Duty Cycle NVNT a 5825MHz Ant1



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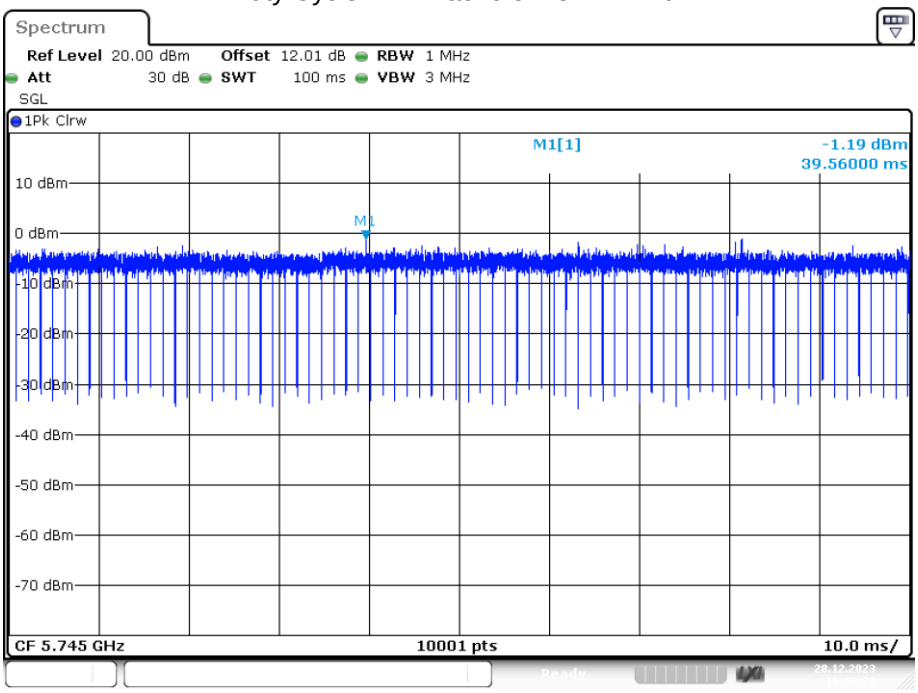
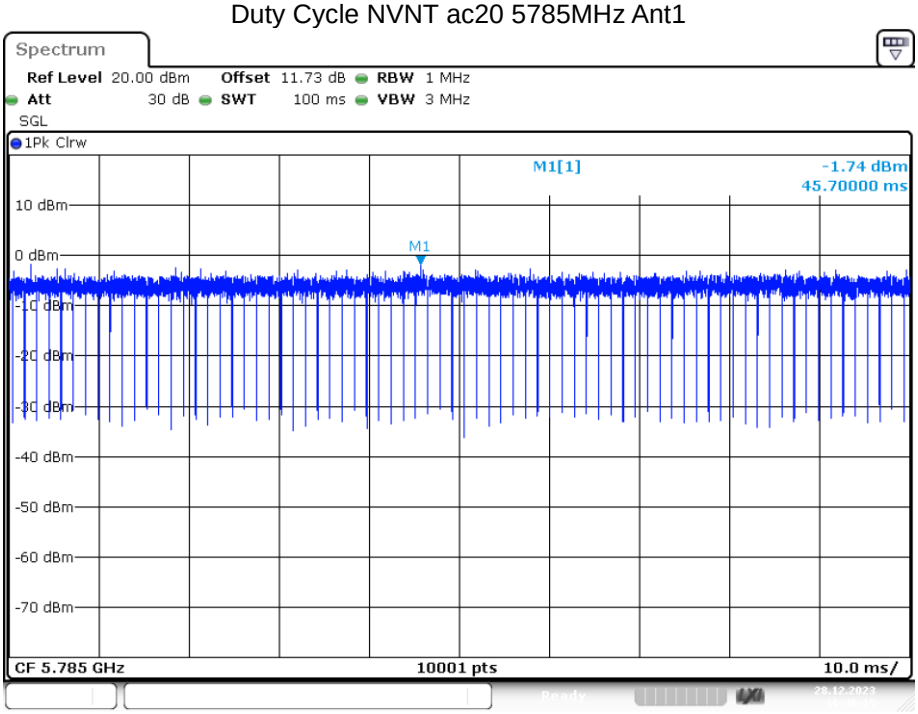
Duty Cycle NVNT ac20 5745MHz Ant1



Date: 28.DEC.2023 16:43:27

Duty Cycle NVNT ac20 5785MHz Ant1



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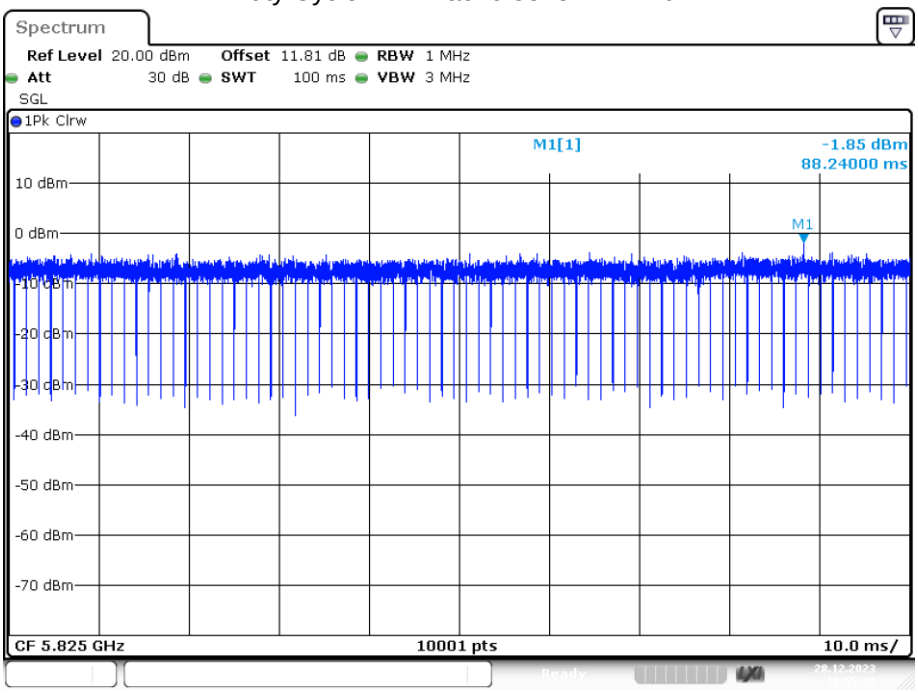
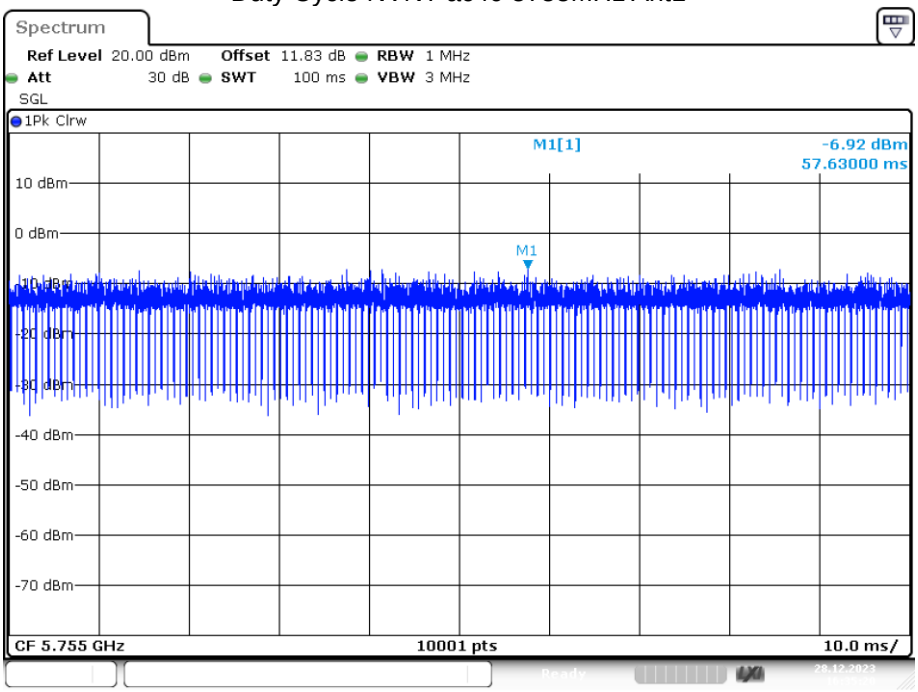
Duty Cycle NVNT ac20 5825MHz Ant1



Date: 28.DEC.2023 16:55:39

Duty Cycle NVNT ac40 5755MHz Ant1



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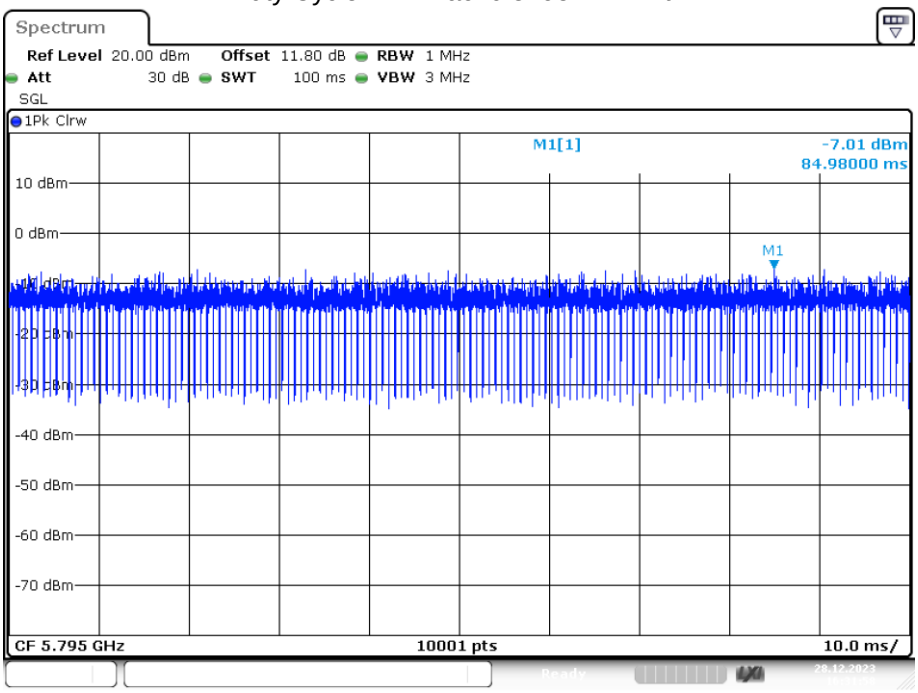
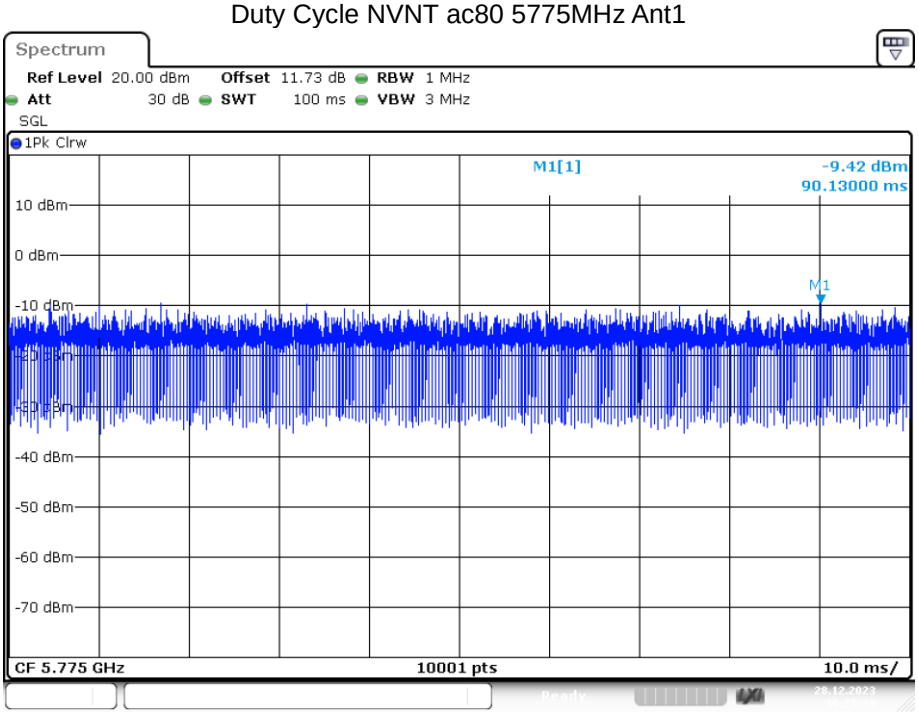
Duty Cycle NVNT ac40 5795MHz Ant1



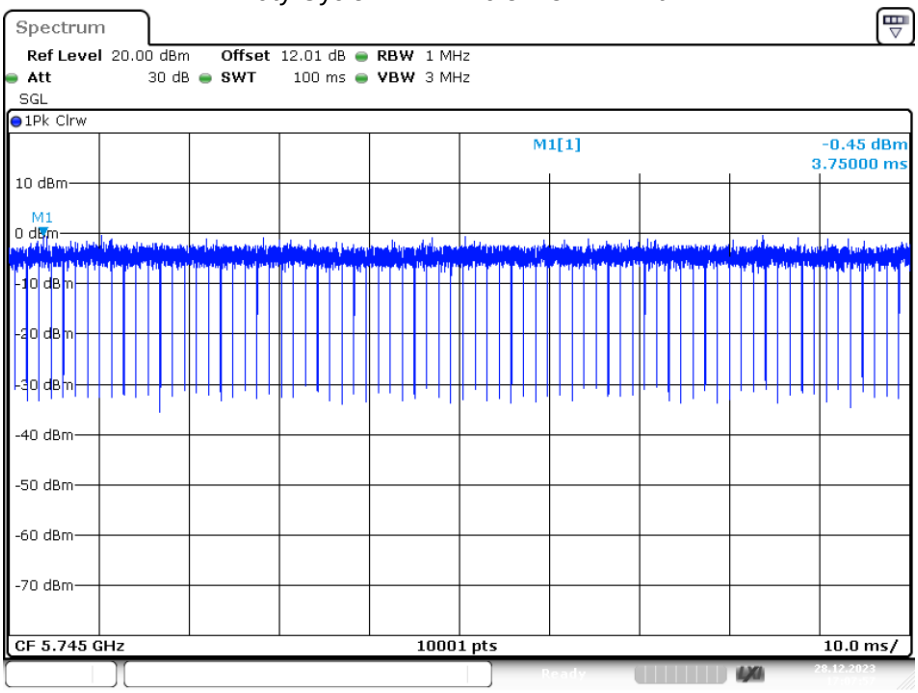
Date: 28.DEC.2023 16:31:57

Duty Cycle NVNT ac80 5775MHz Ant1



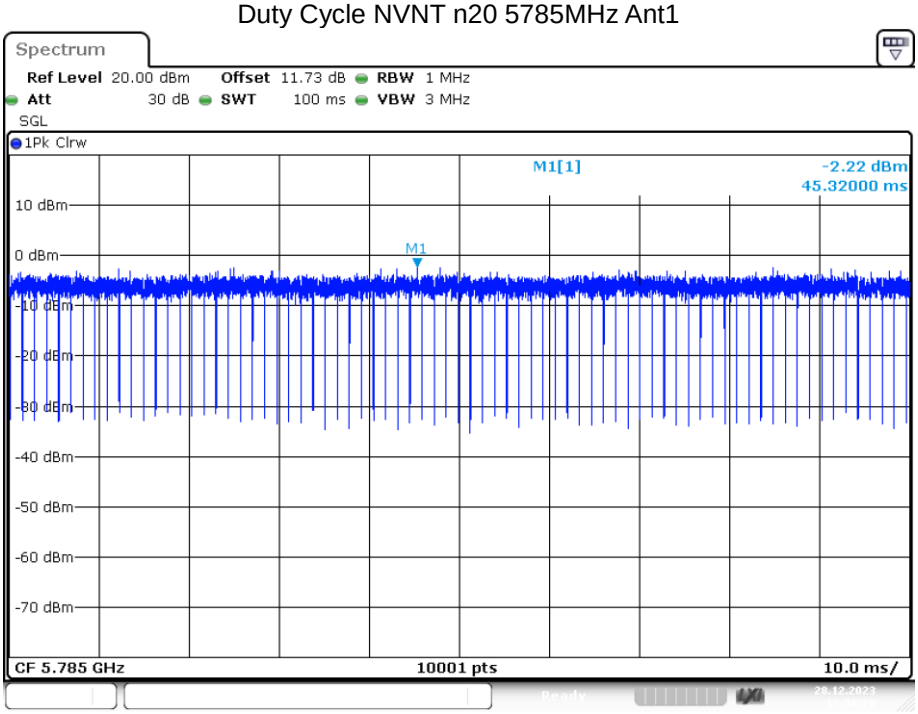
Date: 28.DEC.2023 16:28:39

Duty Cycle NVNT n20 5745MHz Ant1



Date: 28.DEC.2023 17:07:57

Duty Cycle NVNT n20 5785MHz Ant1



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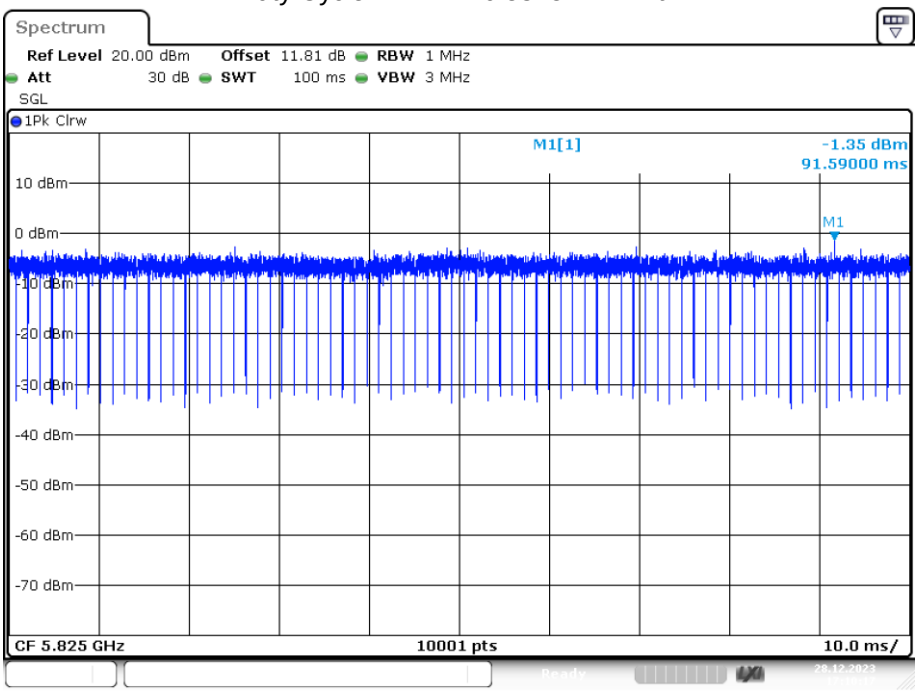
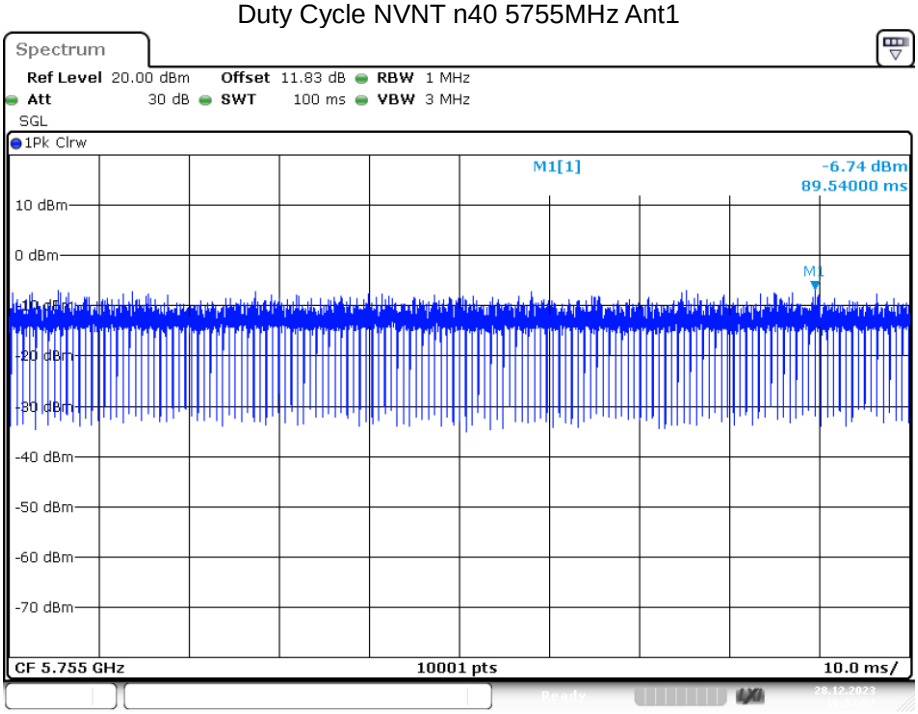
Duty Cycle NVNT n20 5825MHz Ant1



Date: 28.DEC.2023 17:10:17

Duty Cycle NVNT n40 5755MHz Ant1



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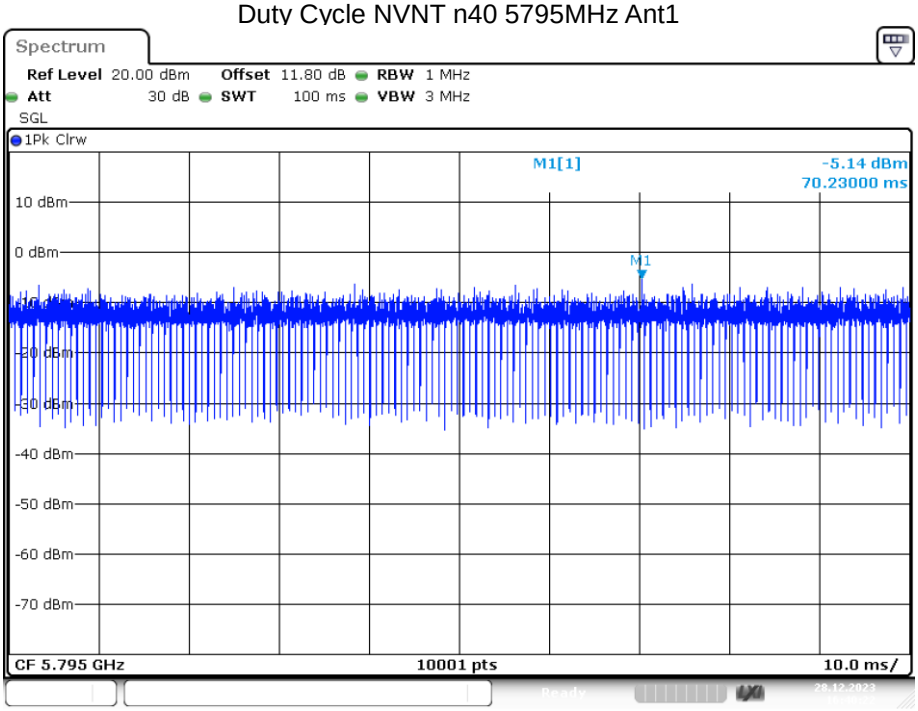
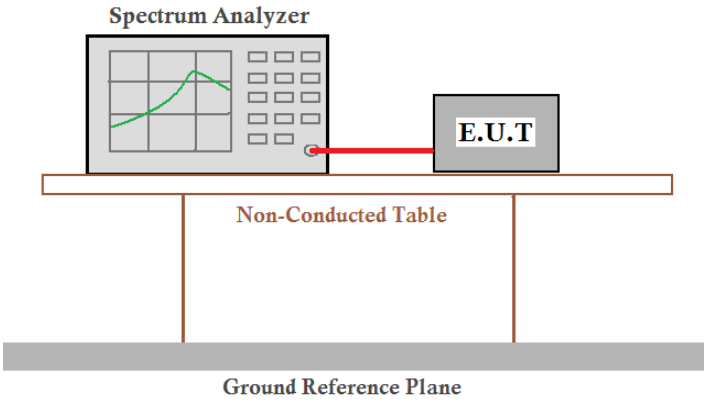
Duty Cycle NVNT n40 5795MHz Ant1



Date: 28.DEC.2023 16:40:22

4.5 Power Spectral Density

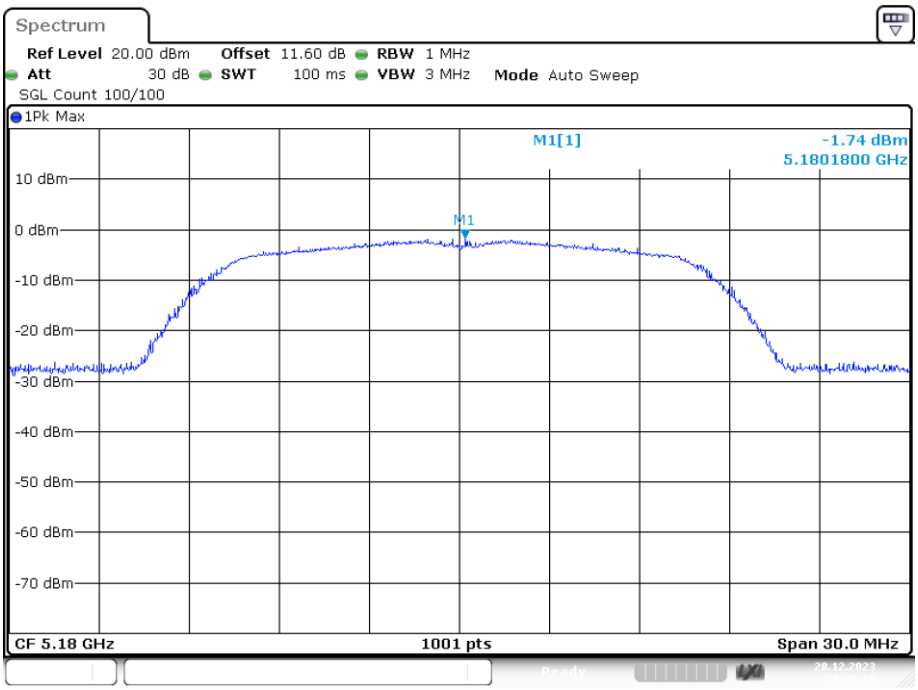
Test Requirement:	FCC Part15 E Section 15.407, RSS-247 Issue 2
Test Method:	KDB 789033 D02 General UNII Test Procedures New Rules v02r01
Limit:	≤11.00dBm/MHz for 5150MHz-5250MHz, 5250-5350MHz and 5470-5725 MHz ≤30.00dBm/500KHz for 5725MHz-5850MHz
Test setup:	
Test procedure:	1) Create an average power spectrum for the EUT operating mode being tested by following the instructions in section E)2) for measuring maximum conducted output power using a spectrum analyzer or EMI receiver: select the appropriate test method (SA-1, SA-2, SA-3, or alternatives to each) and apply it up to, but not including, the step labeled, “Compute power…”. 2) Use the peak search function on the instrument to find the peak of the spectrum. 3) Make the following adjustments to the peak value of the spectrum, if applicable: a) If Method SA-2 or SA-2 Alternative was used, add 10 log(1/x), where x is the duty cycle, to the peak of the spectrum. b) If Method SA-3 Alternative was used and the linear mode was used in step E)2)g)(viii), add 1 dB to the final result to compensate for the difference between linear averaging and power averaging. 4) The result is the PSD.
Test Instruments:	Refer to section 5.10 for details
Test mode:	Refer to section 5.3 for details
Test results:	Pass

Measurement Data

Band 1 (5150 - 5250 MHz)

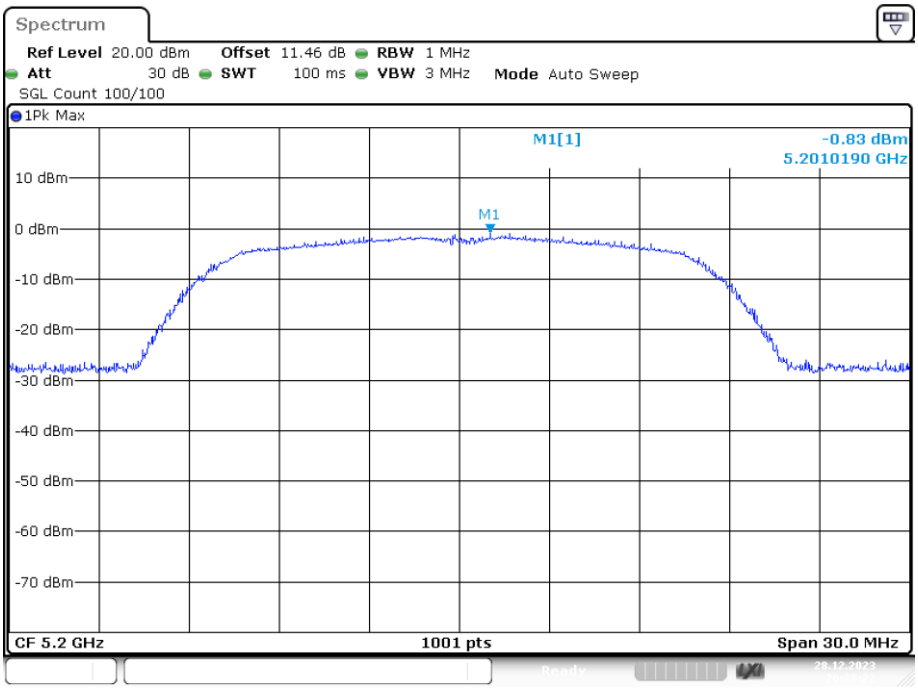
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	-1.743	11	Pass
NVNT	a	5200	Ant1	-0.834	11	Pass
NVNT	a	5240	Ant1	-0.153	11	Pass
NVNT	ac20	5180	Ant1	-0.435	11	Pass
NVNT	ac20	5200	Ant1	-1.046	11	Pass
NVNT	ac20	5240	Ant1	-0.819	11	Pass
NVNT	ac40	5190	Ant1	-2.609	11	Pass
NVNT	ac40	5230	Ant1	-2.735	11	Pass
NVNT	ac80	5210	Ant1	-6.133	11	Pass
NVNT	n20	5180	Ant1	0.053	11	Pass
NVNT	n20	5200	Ant1	-0.076	11	Pass
NVNT	n20	5240	Ant1	-0.522	11	Pass
NVNT	n40	5190	Ant1	-3.072	11	Pass
NVNT	n40	5230	Ant1	-3.51	11	Pass

PSD NVNT a 5180MHz Ant1



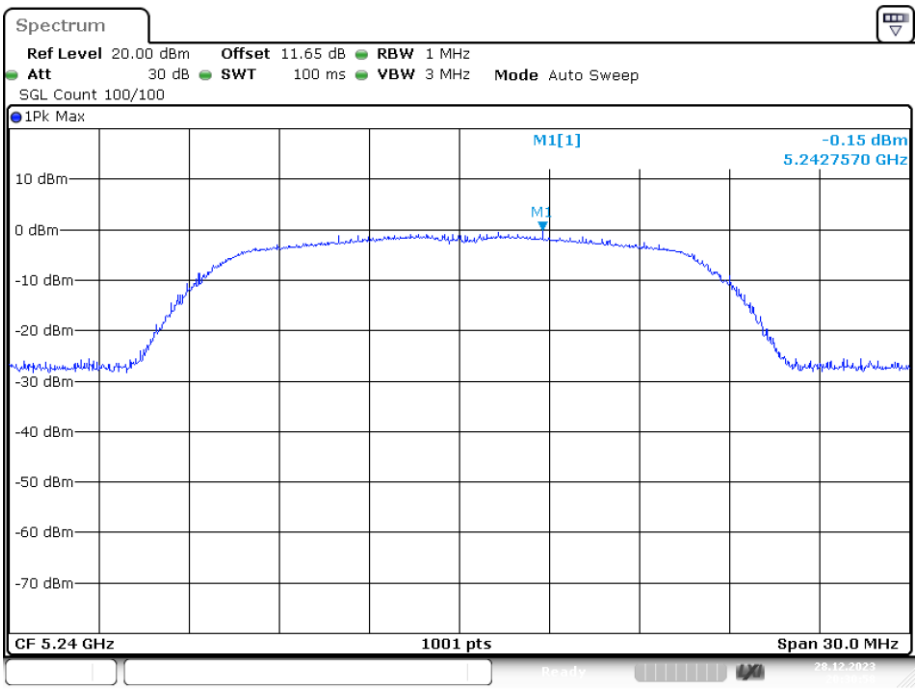
Date: 28.DEC.2023 20:26:17

PSD NVNT a 5200MHz Ant1



Date: 28.DEC.2023 20:28:22

PSD NVNT a 5240MHz Ant1



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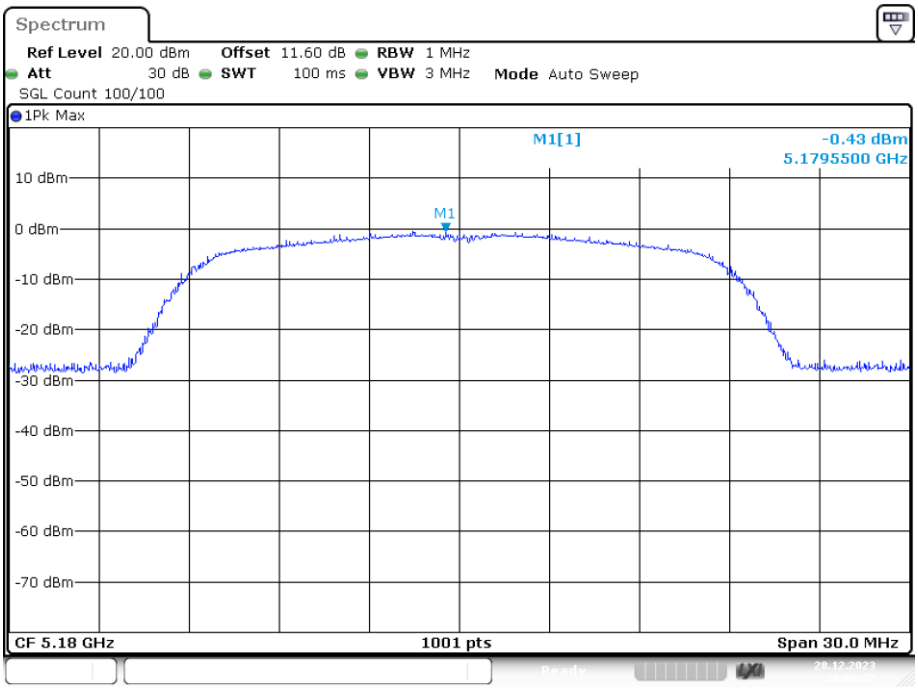
PSD NVNT ac20 5180MHz Ant1



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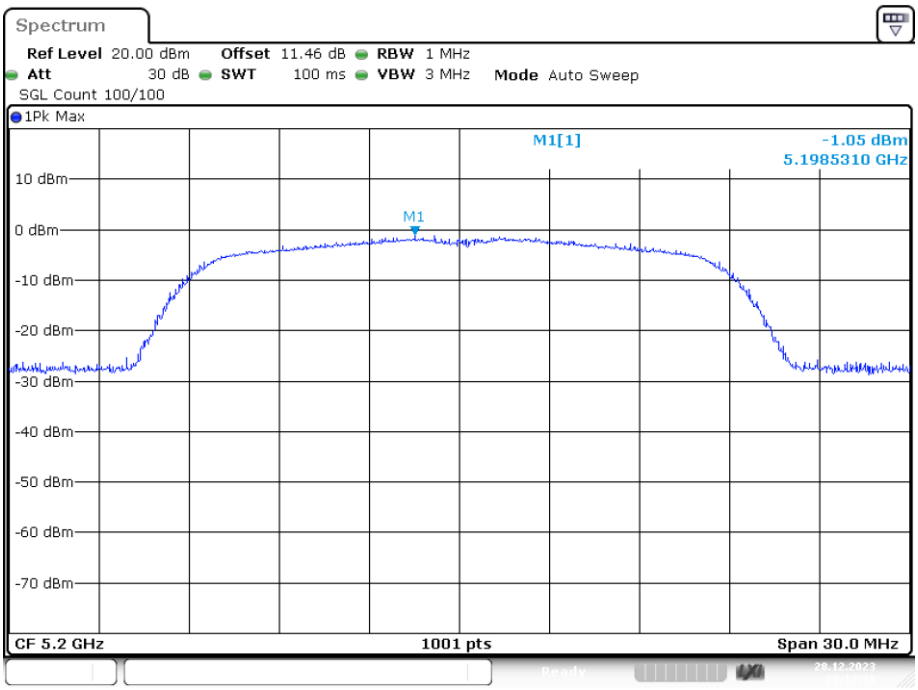
PSD NVNT ac20 5200MHz Ant1



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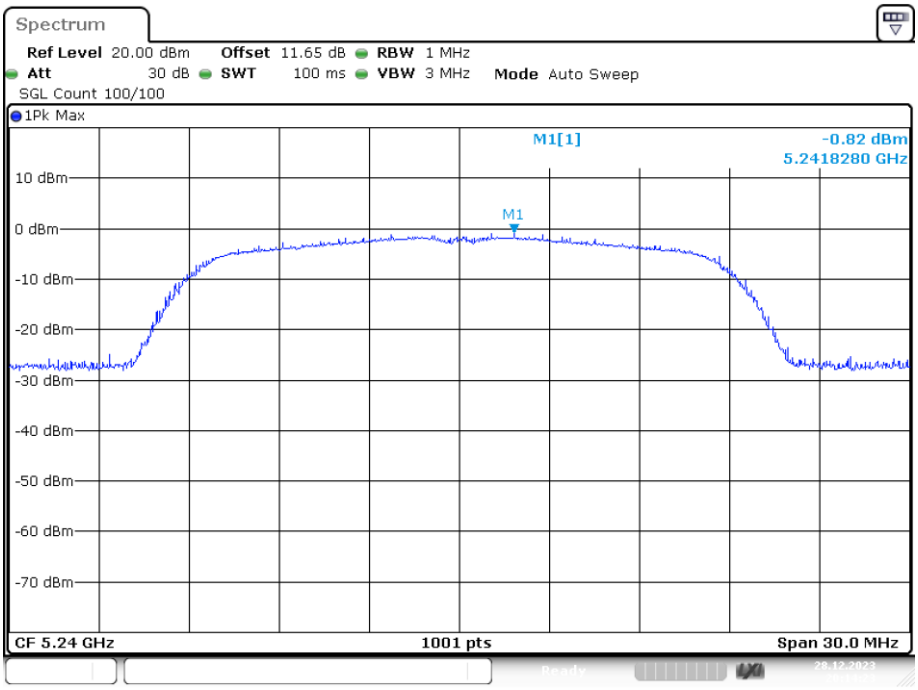
PSD NVNT ac20 5240MHz Ant1



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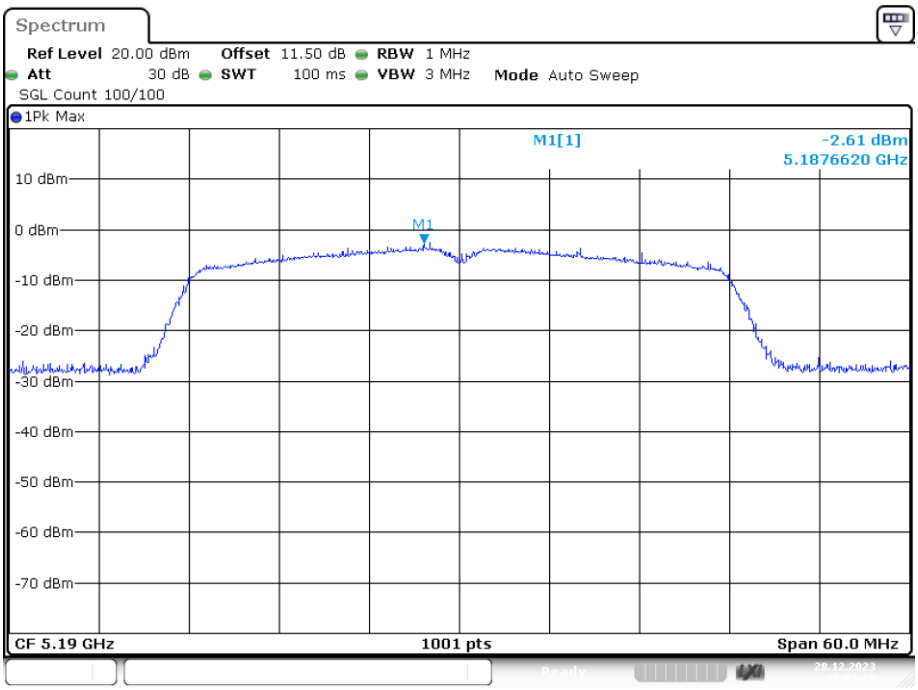
PSD NVNT ac40 5190MHz Ant1



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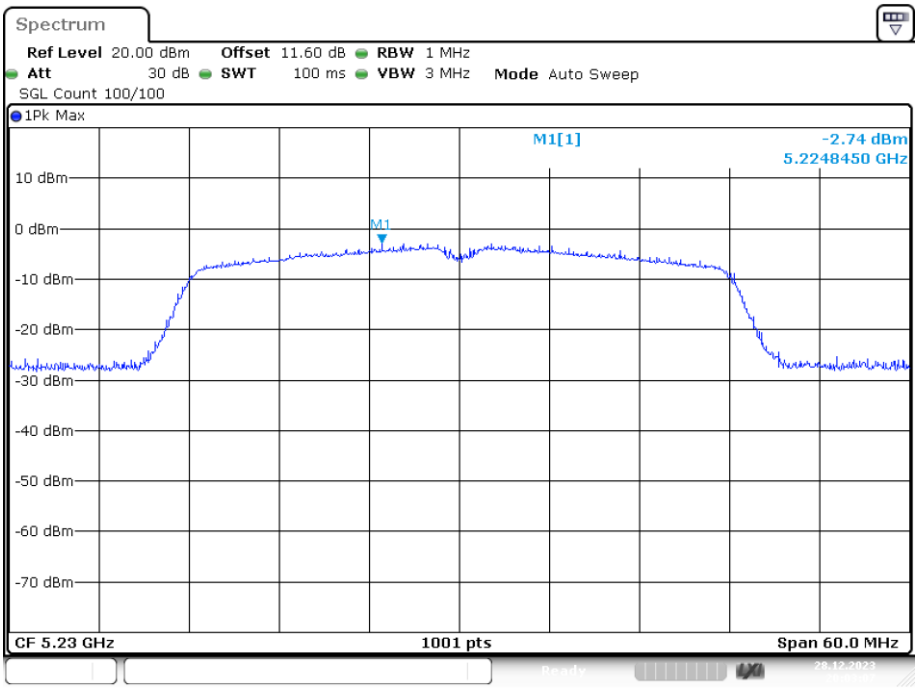
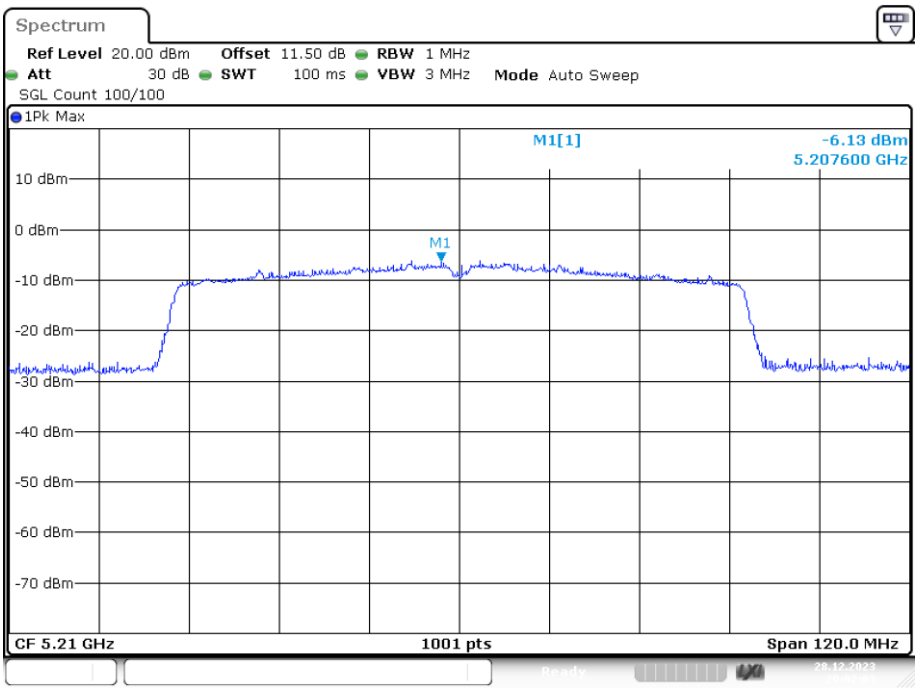
PSD NVNT ac40 5230MHz Ant1



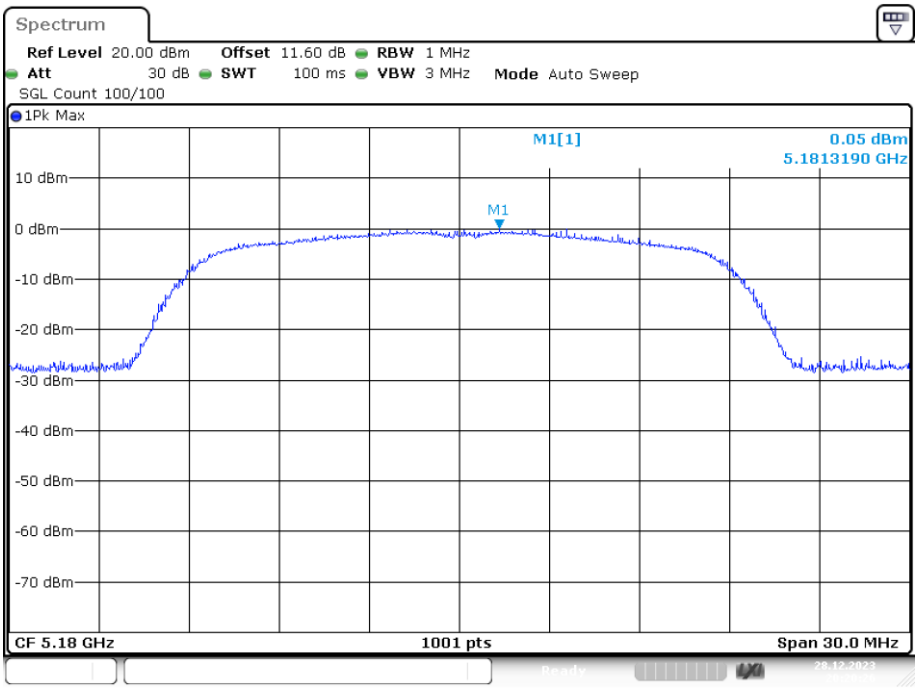
Date: 28.DEC.2023 20:03:07

PSD NVNT ac80 5210MHz Ant1



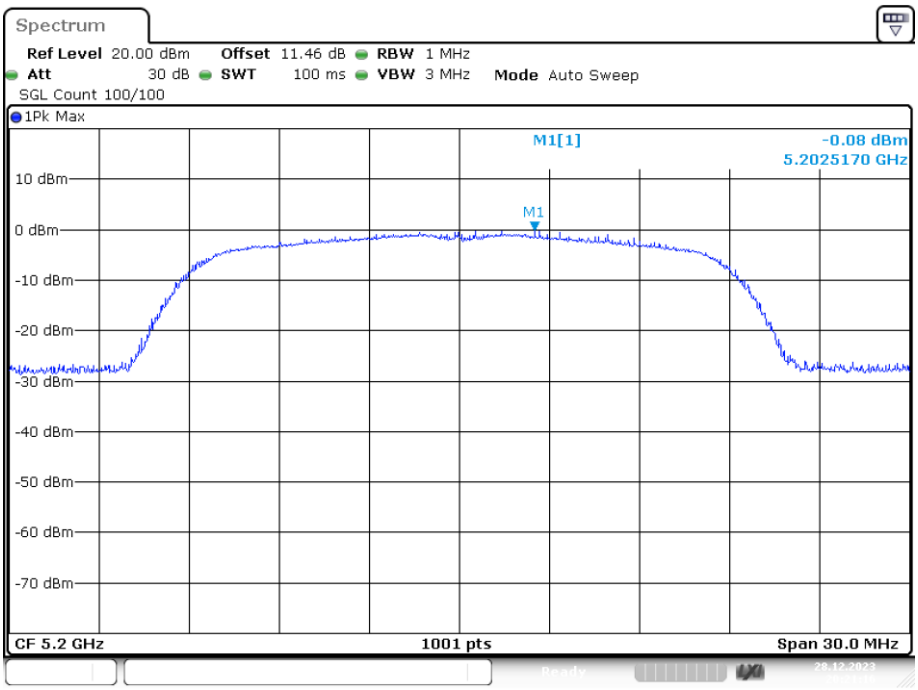
Date: 28.DEC.2023 20:02:03

PSD NVNT n20 5180MHz Ant1



Date: 28.DEC.2023 20:20:27

PSD NVNT n20 5200MHz Ant1



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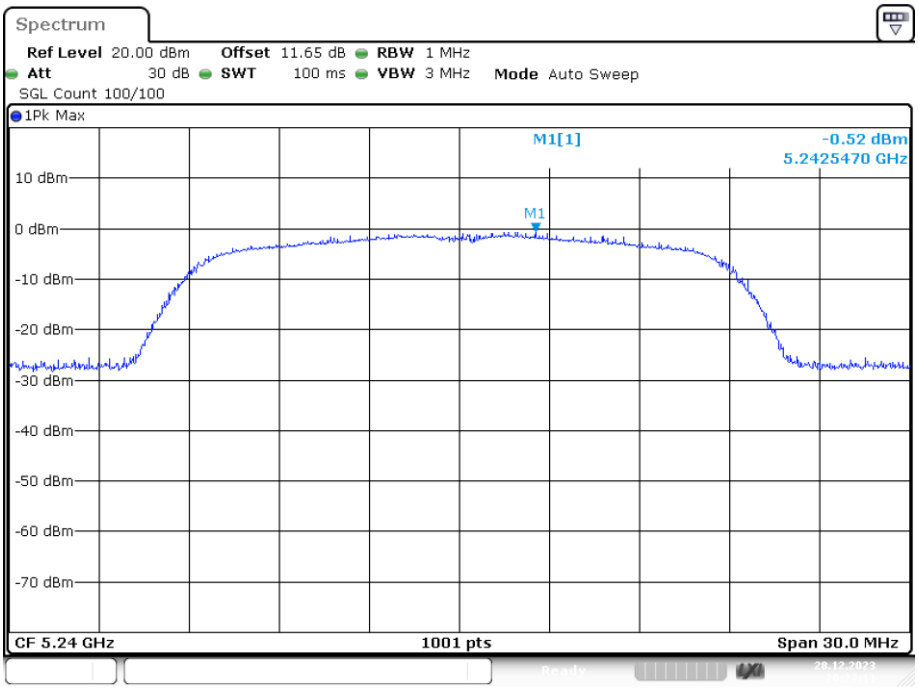
PSD NVNT n20 5240MHz Ant1



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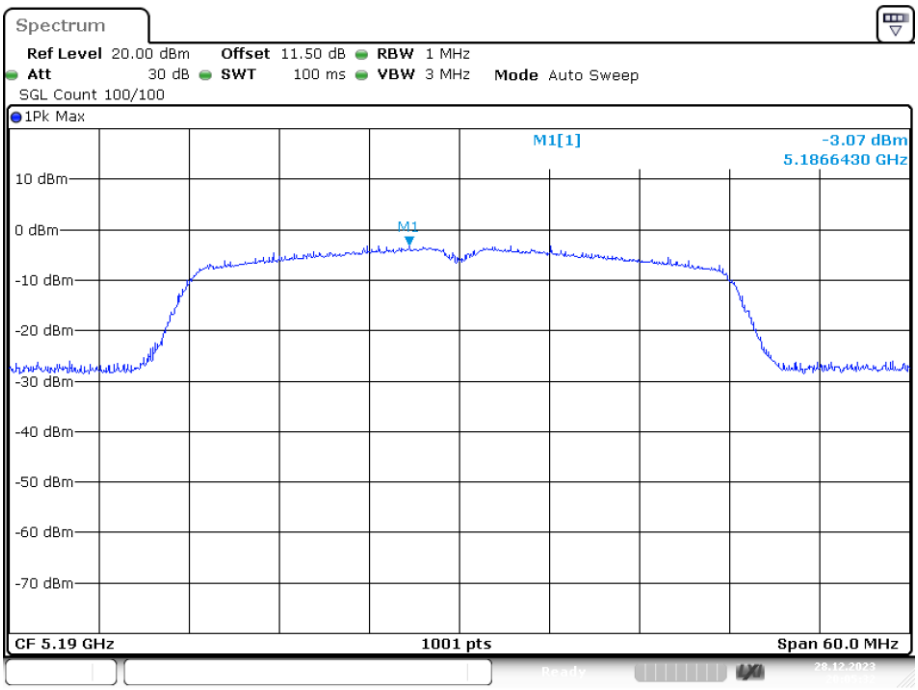
PSD NVNT n40 5190MHz Ant1



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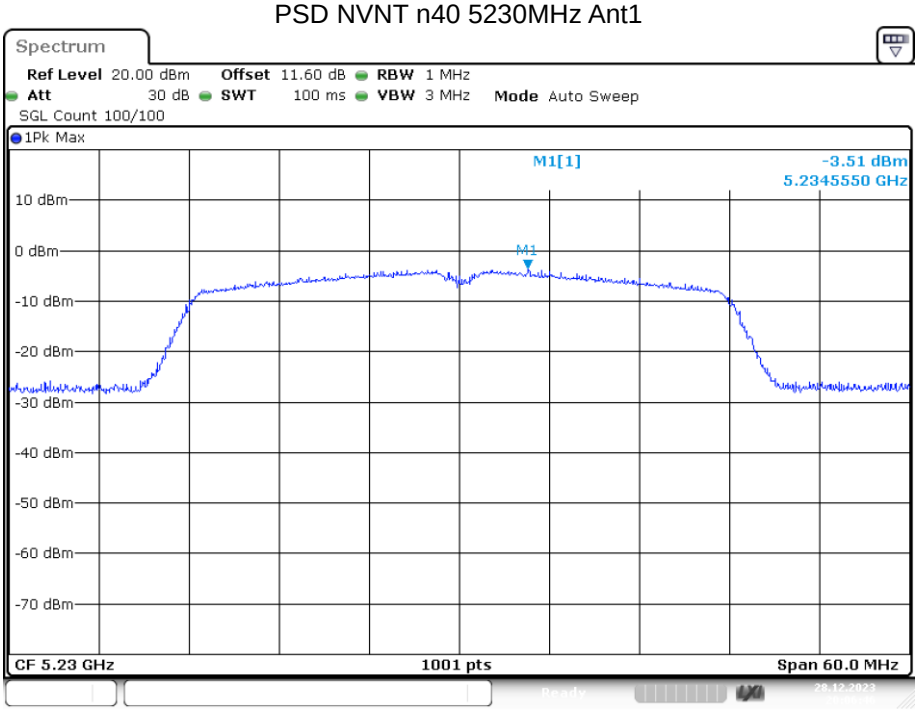
PSD NVNT n40 5230MHz Ant1

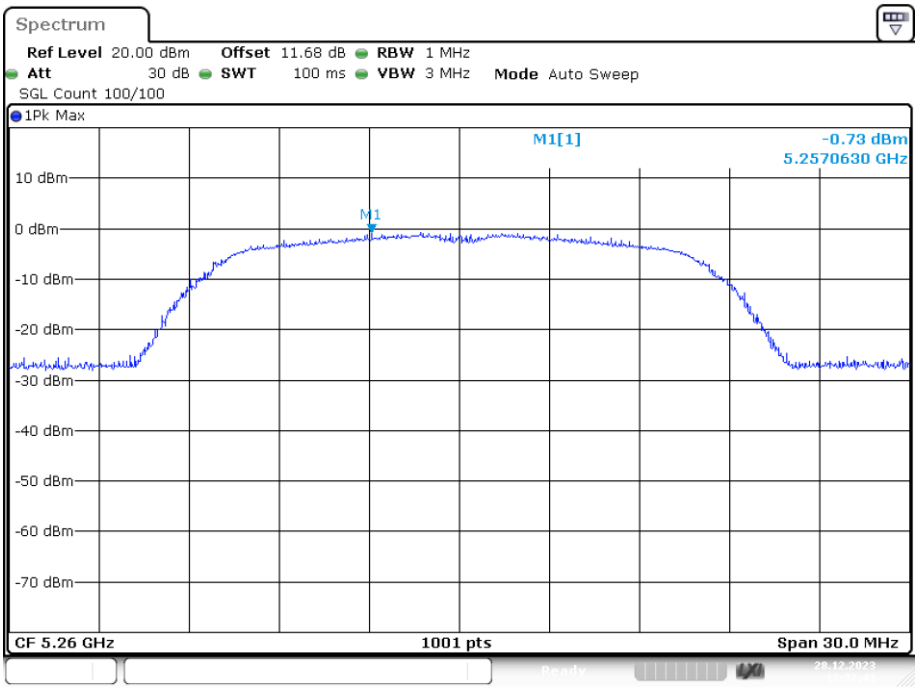


Date: 28.DEC.2023 20:06:45

Band 2 (5250 -5350 MHz)

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-0.728	11	Pass
NVNT	a	5280	Ant1	-0.335	11	Pass
NVNT	a	5320	Ant1	0.021	11	Pass
NVNT	ac20	5260	Ant1	-0.789	11	Pass
NVNT	ac20	5280	Ant1	-0.106	11	Pass
NVNT	ac20	5320	Ant1	-0.517	11	Pass
NVNT	ac40	5270	Ant1	-3.117	11	Pass
NVNT	ac40	5310	Ant1	-2.512	11	Pass
NVNT	ac80	5290	Ant1	-6.587	11	Pass
NVNT	n20	5260	Ant1	-0.087	11	Pass
NVNT	n20	5280	Ant1	0.23	11	Pass
NVNT	n20	5320	Ant1	-0.093	11	Pass
NVNT	n40	5270	Ant1	-3.508	11	Pass
NVNT	n40	5310	Ant1	-3.827	11	Pass

PSD NVNT a 5260MHz Ant1



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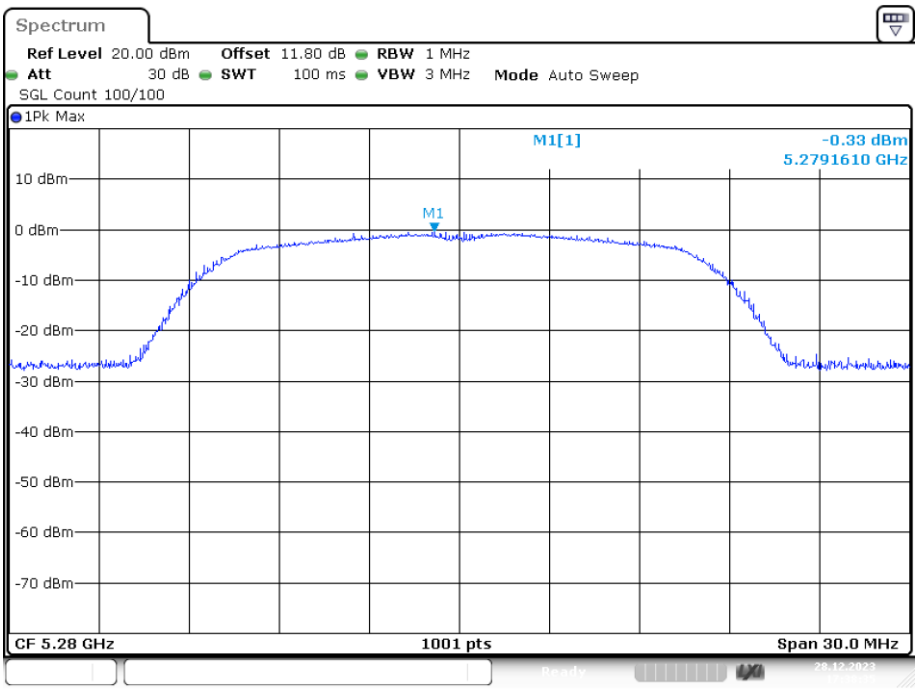
PSD NVNT a 5280MHz Ant1



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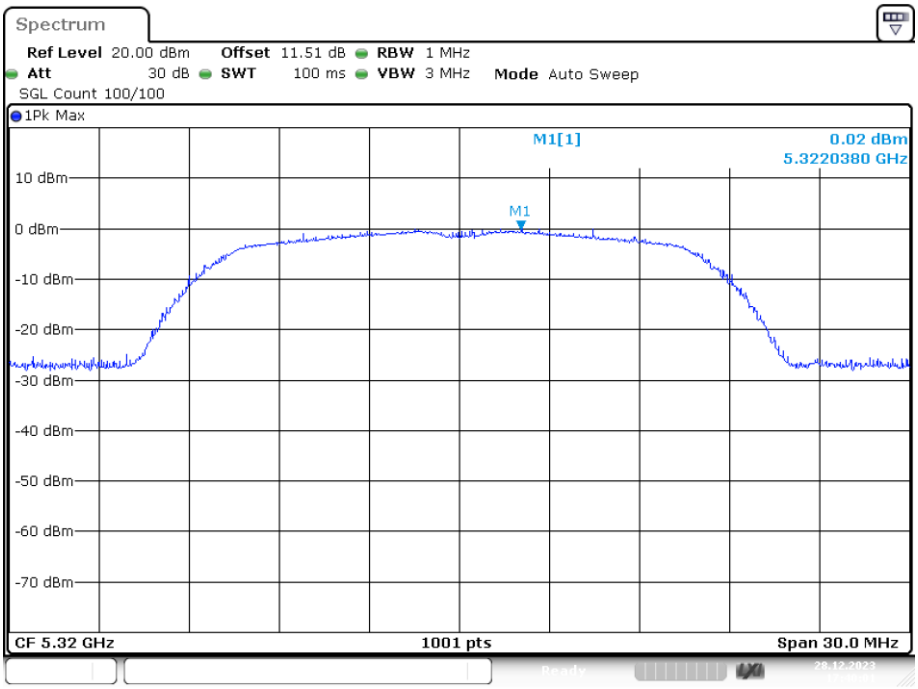
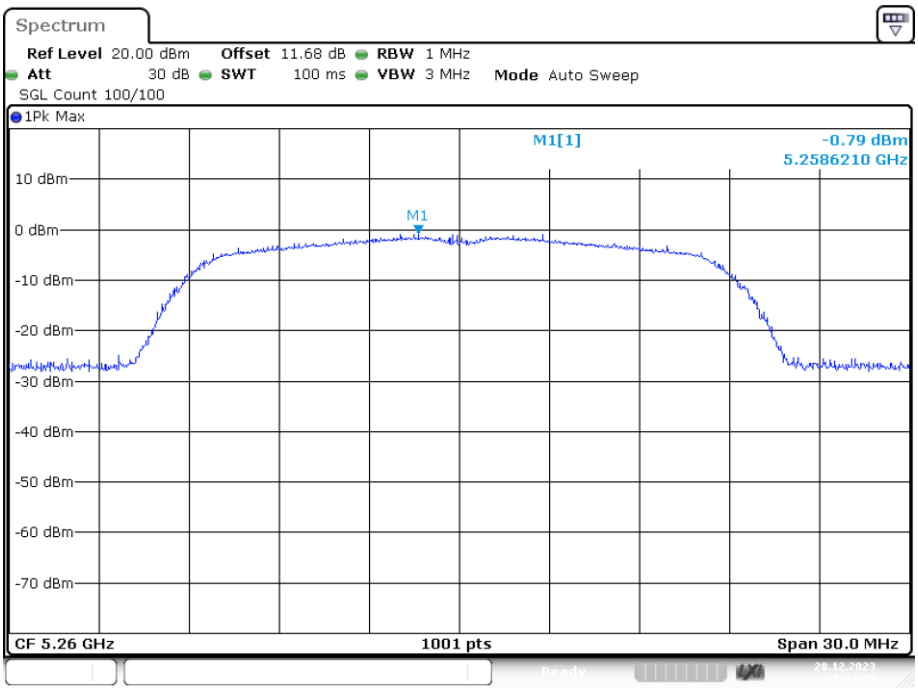
PSD NVNT a 5320MHz Ant1



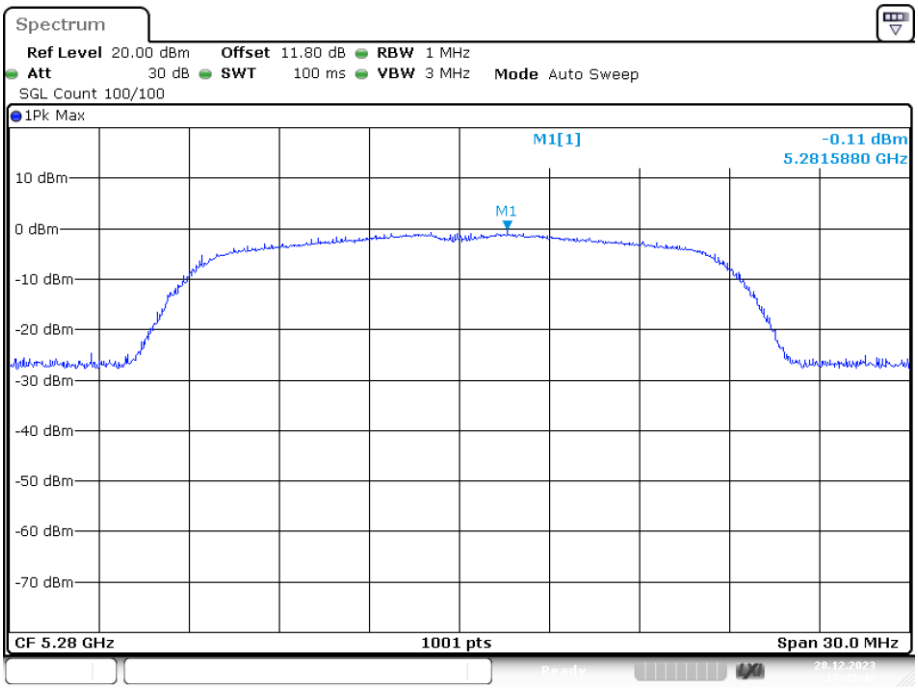
Date: 28.DEC.2023 17:40:01

PSD NVNT ac20 5260MHz Ant1



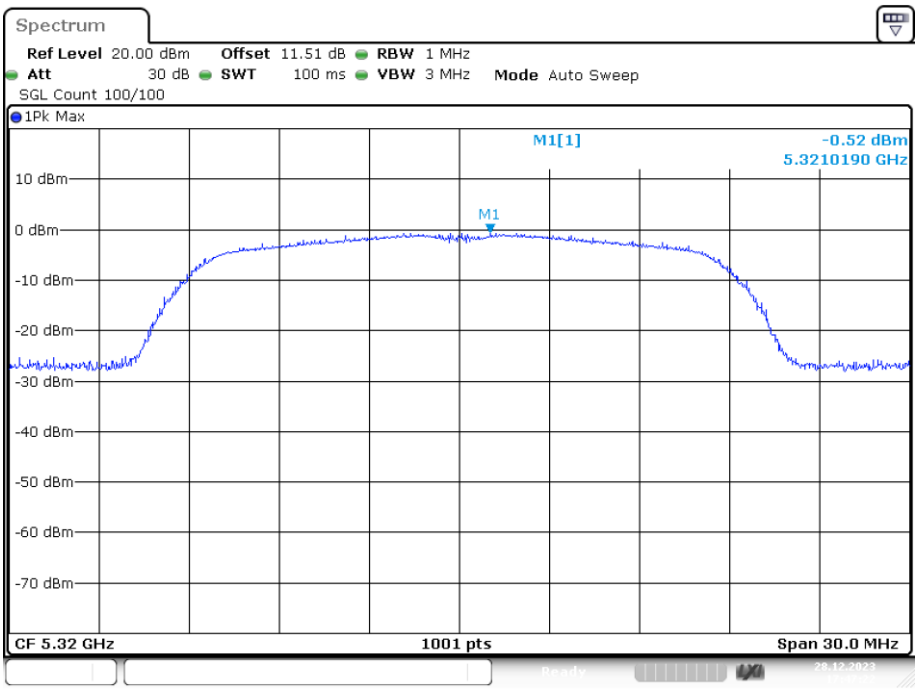
Date: 28.DEC.2023 17:44:24

PSD NVNT ac20 5280MHz Ant1



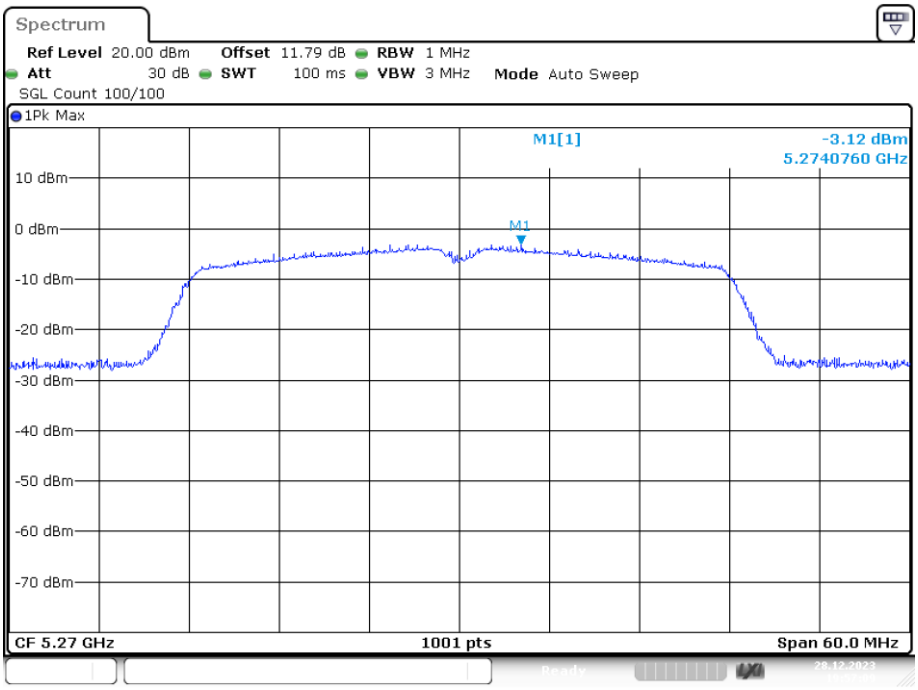
Date: 28.DEC.2023 17:45:42

PSD NVNT ac20 5320MHz Ant1



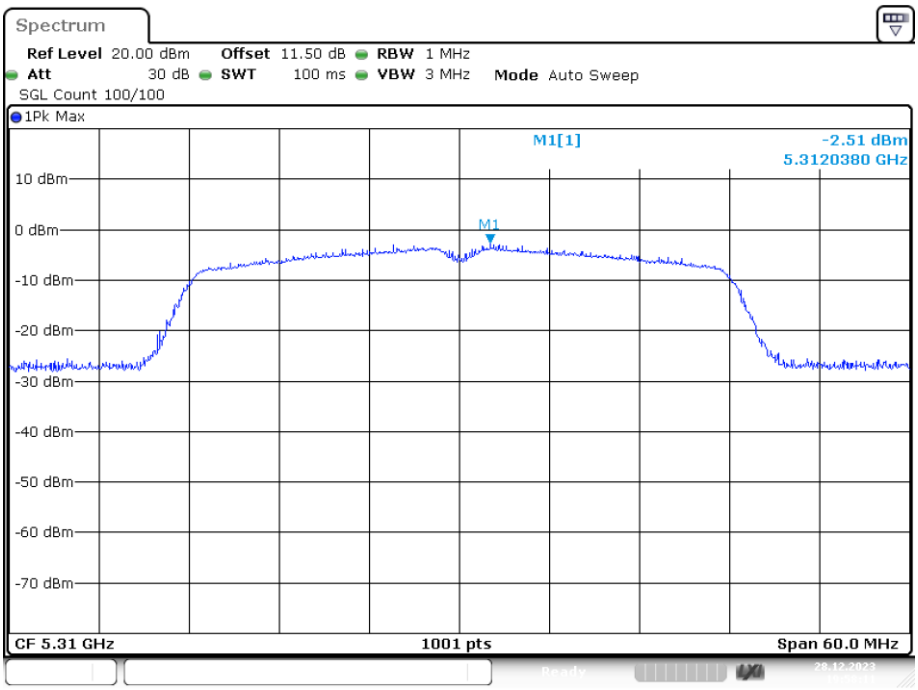
Date: 28.DEC.2023 17:47:22

PSD NVNT ac40 5270MHz Ant1



Date: 28.DEC.2023 19:57:09

PSD NVNT ac40 5310MHz Ant1



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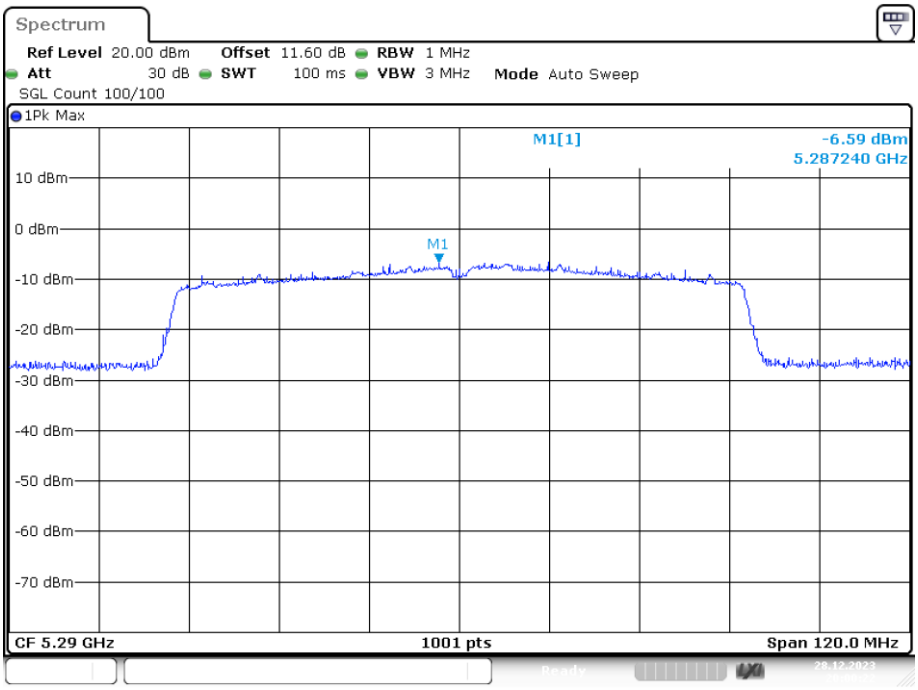

Date: 28.DEC.2023 20:00:21

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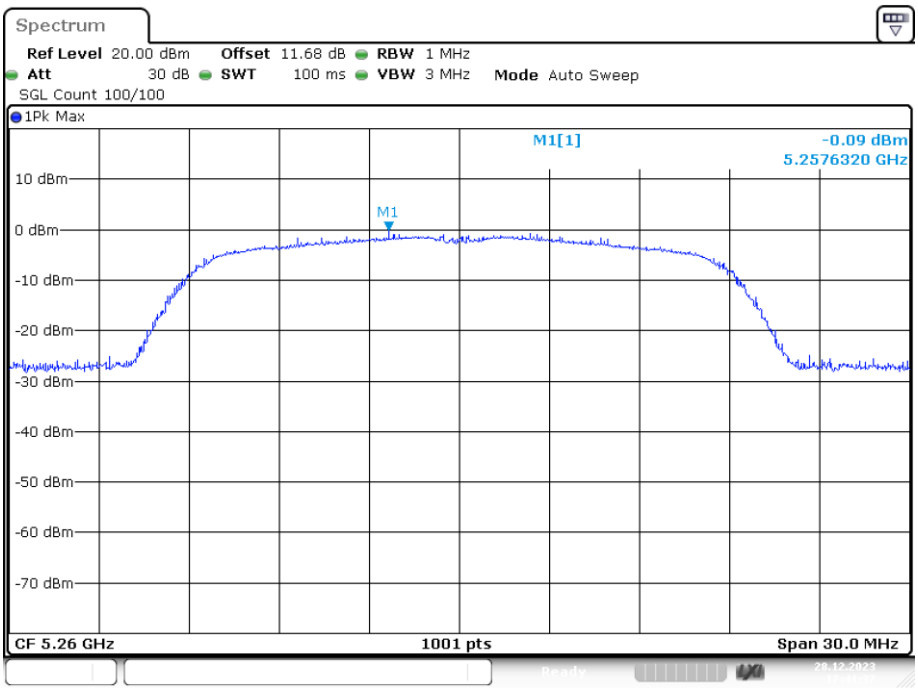
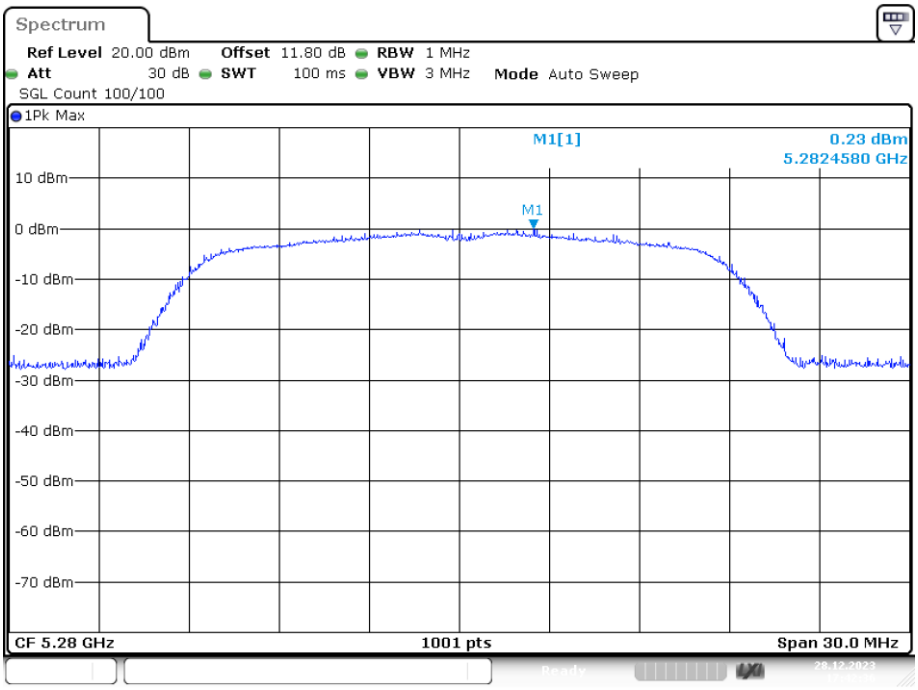


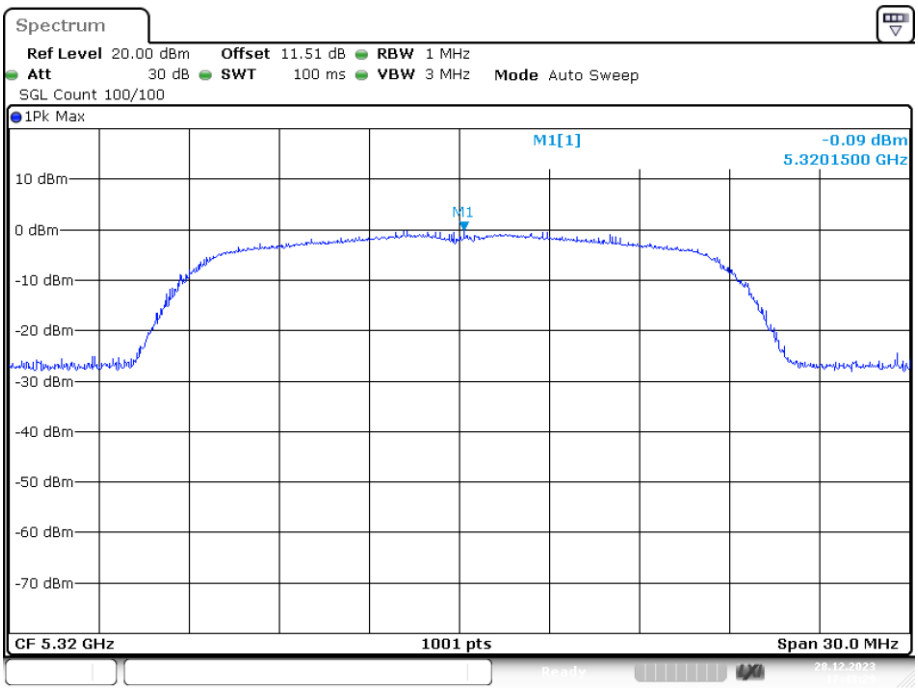
Date: 28.DEC.2023 17:41:37

PSD NVNT n20 5280MHz Ant1



Date: 28.DEC.2023 17:42:36

PSD NVNT n20 5320MHz Ant1



Date: 28.DEC.2023 17:43:29

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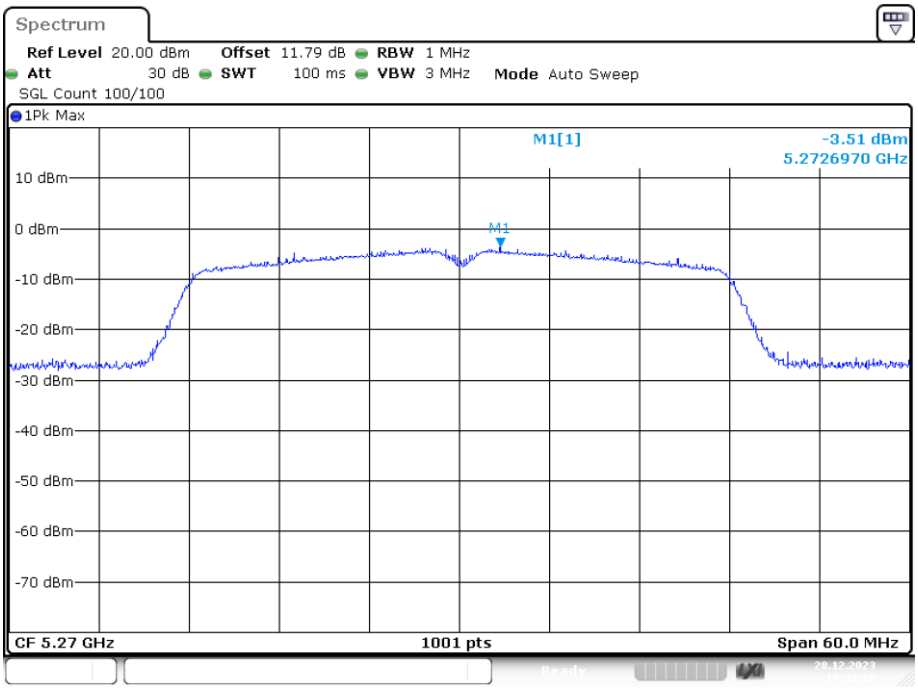
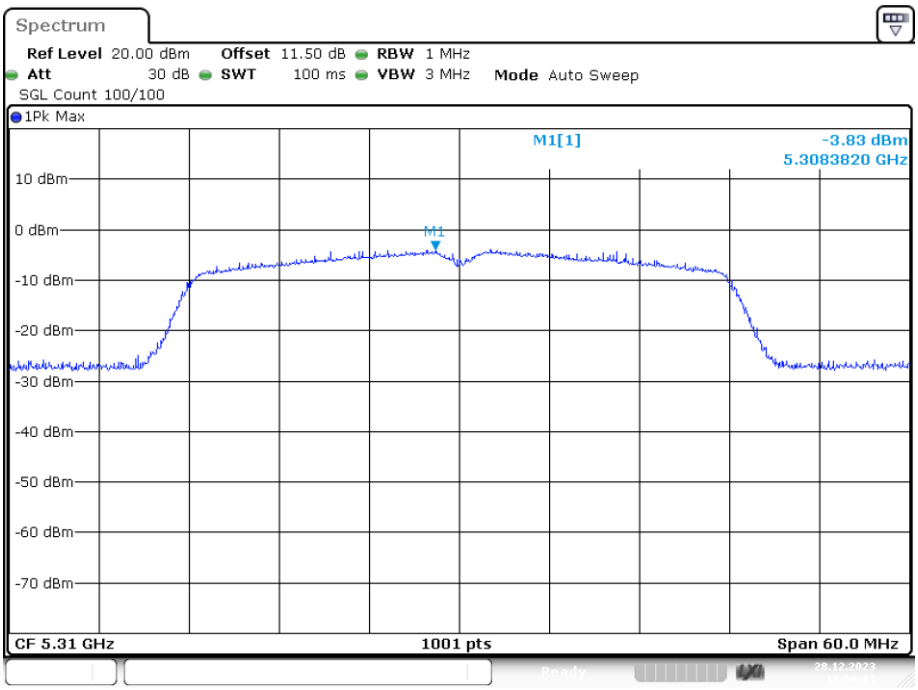


Date: 28.DEC.2023 17:49:16

PSD NVNT n40 5310MHz Ant1

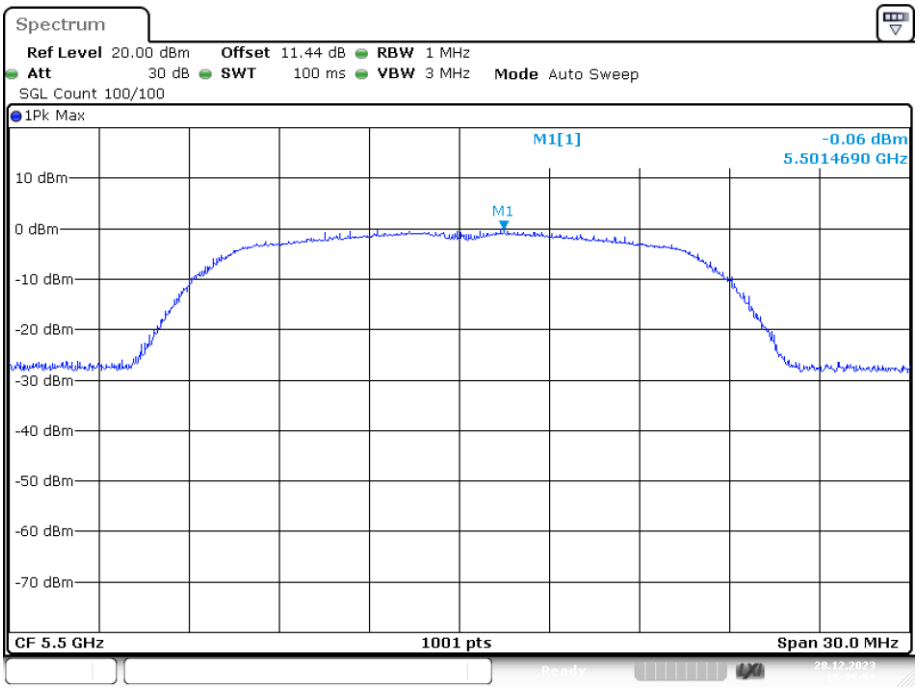


Date: 28.DEC.2023 17:50:13

Band 3 (5470 - 5725 MHz)

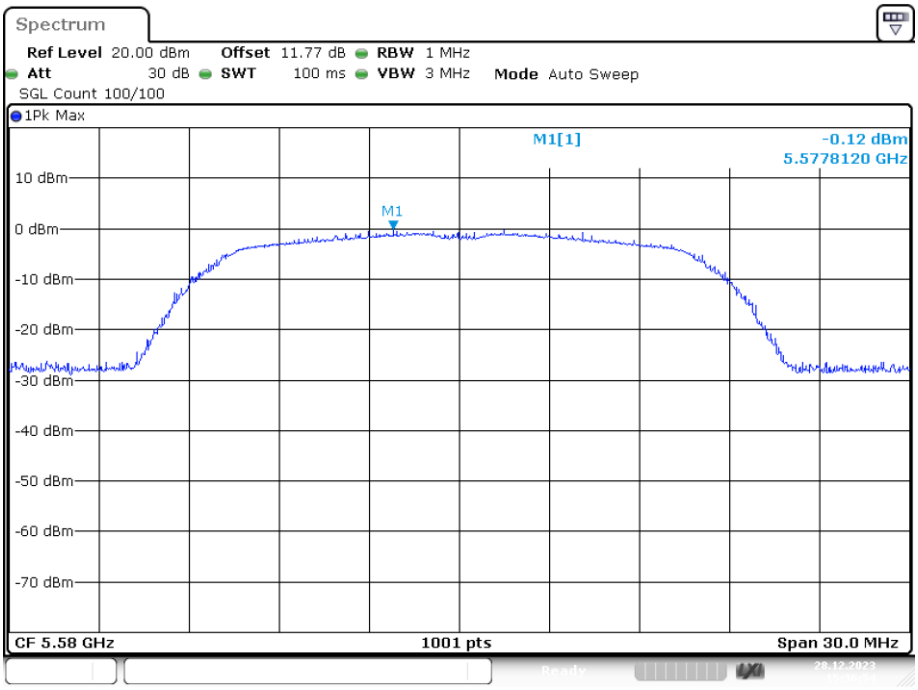
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-0.064	11	Pass
NVNT	a	5580	Ant1	-0.118	11	Pass
NVNT	a	5700	Ant1	-0.621	11	Pass
NVNT	ac20	5500	Ant1	-1.922	11	Pass
NVNT	ac20	5580	Ant1	-0.914	11	Pass
NVNT	ac20	5700	Ant1	-1.113	11	Pass
NVNT	ac40	5510	Ant1	-4.175	11	Pass
NVNT	ac40	5670	Ant1	-3.456	11	Pass
NVNT	ac80	5530	Ant1	-7.39	11	Pass
NVNT	n20	5500	Ant1	-0.651	11	Pass
NVNT	n20	5580	Ant1	-1.562	11	Pass
NVNT	n20	5700	Ant1	-0.147	11	Pass
NVNT	n40	5510	Ant1	-3.202	11	Pass
NVNT	n40	5670	Ant1	-3.979	11	Pass

PSD NVNT a 5500MHz Ant1



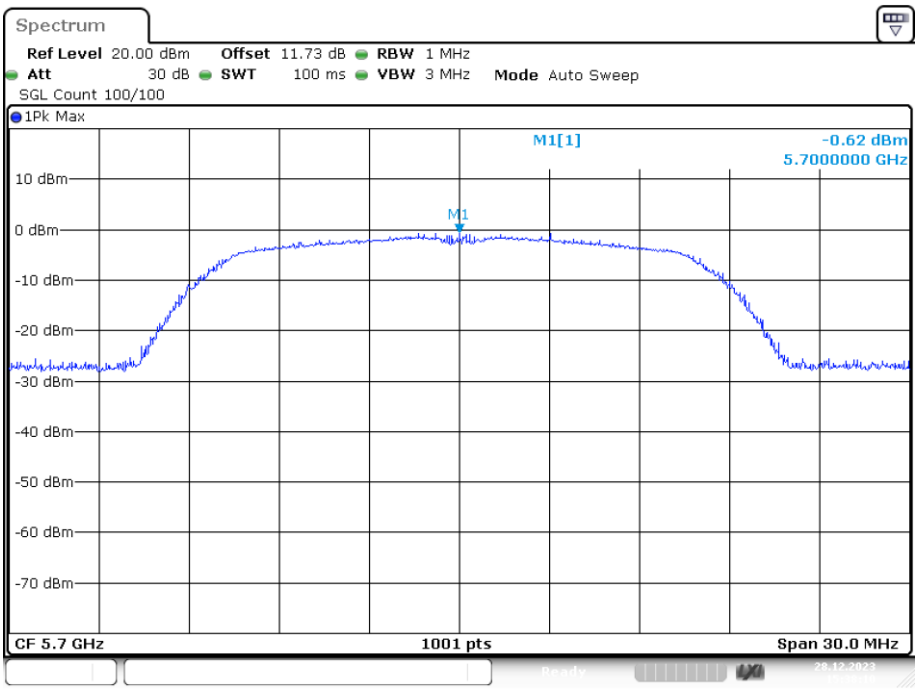
Date: 28.DEC.2023 15:35:57

PSD NVNT a 5580MHz Ant1



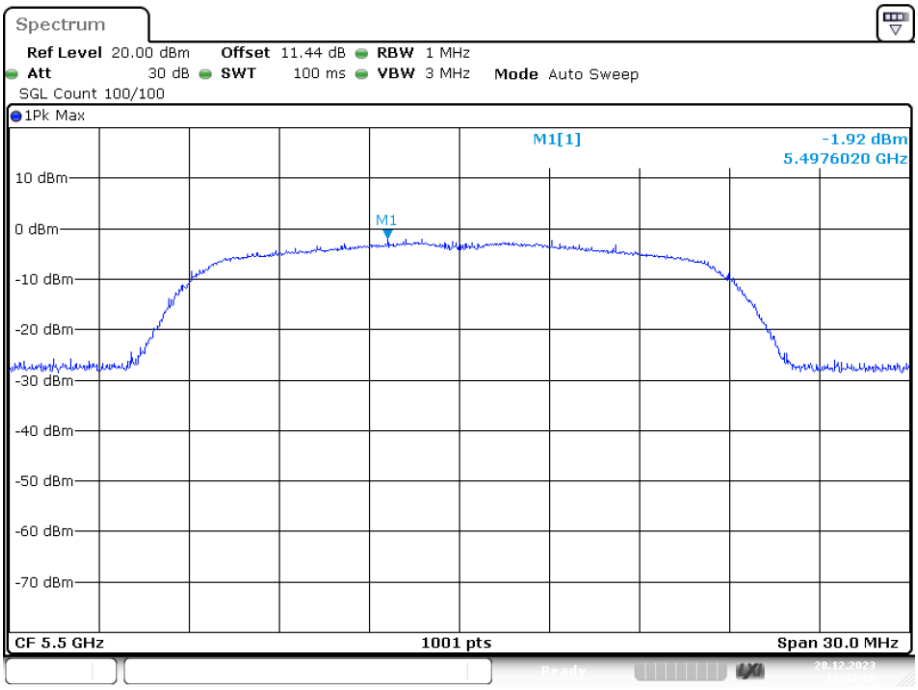
Date: 28.DEC.2023 15:36:55

PSD NVNT a 5700MHz Ant1



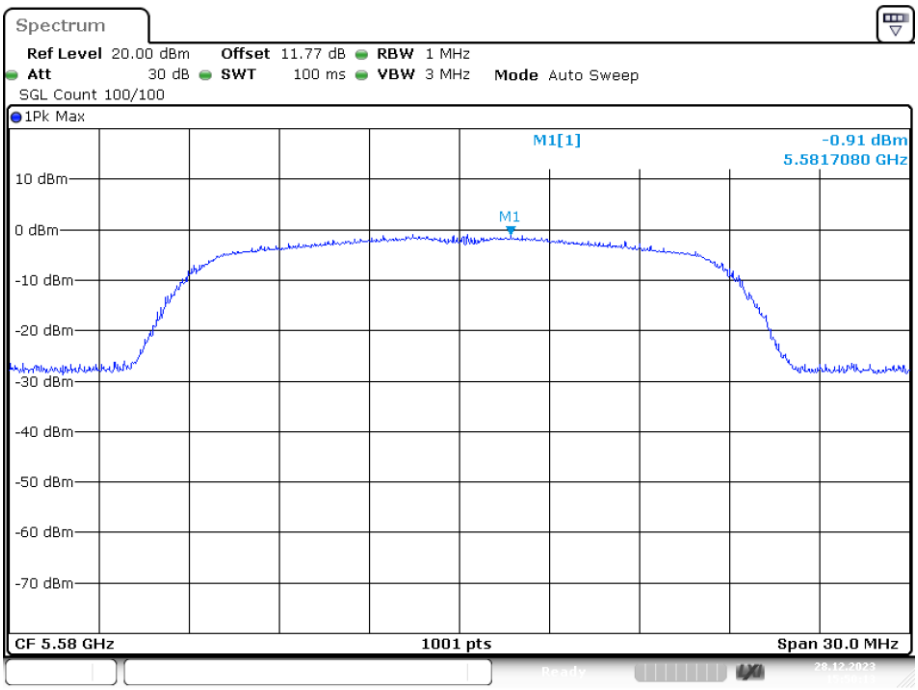
Date: 28.DEC.2023 15:38:10

PSD NVNT ac20 5500MHz Ant1



Date: 28.DEC.2023 15:47:16

PSD NVNT ac20 5580MHz Ant1



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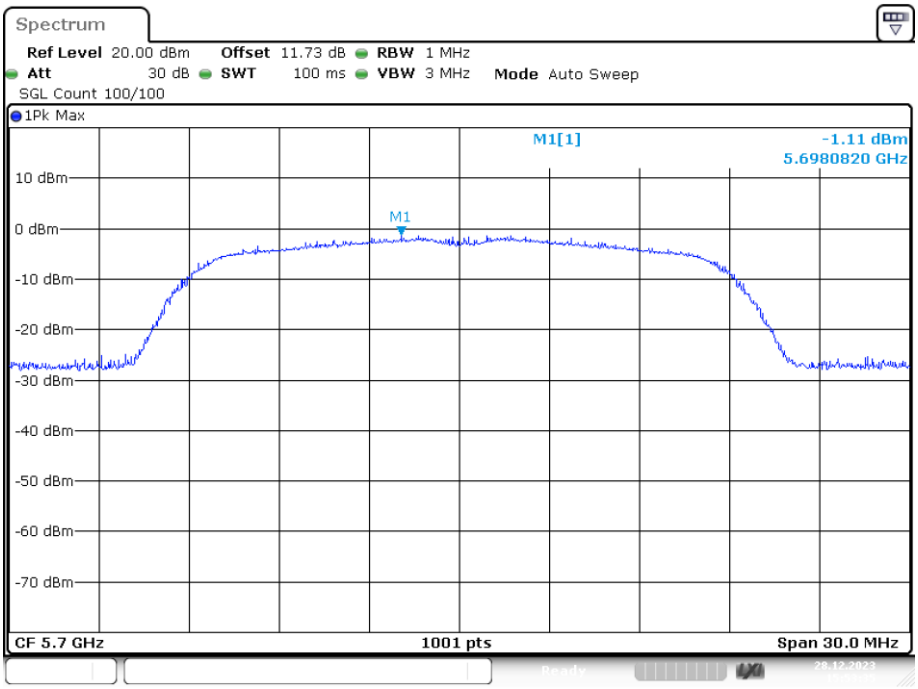
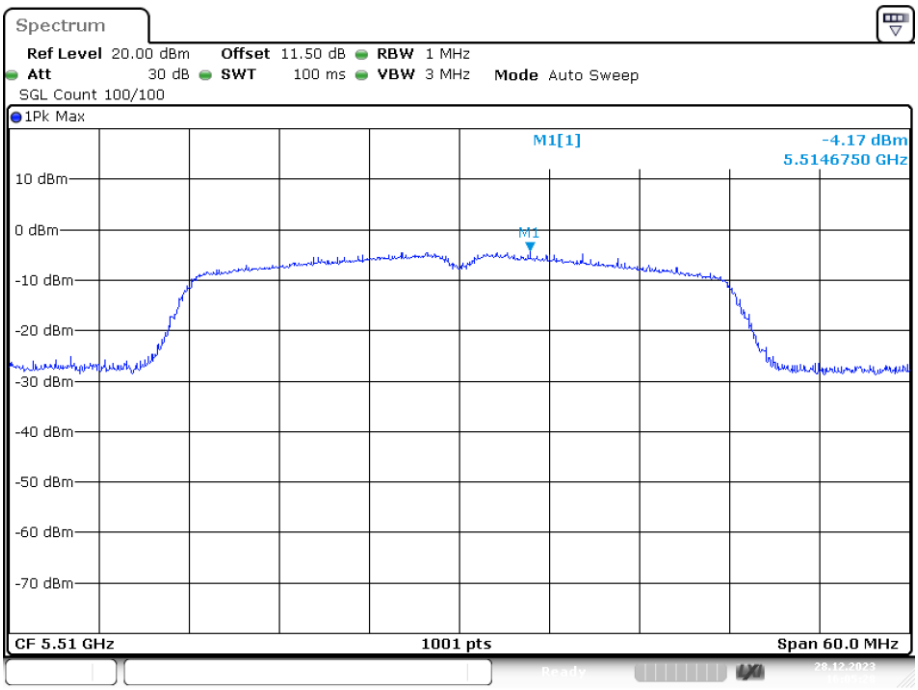
PSD NVNT ac20 5700MHz Ant1



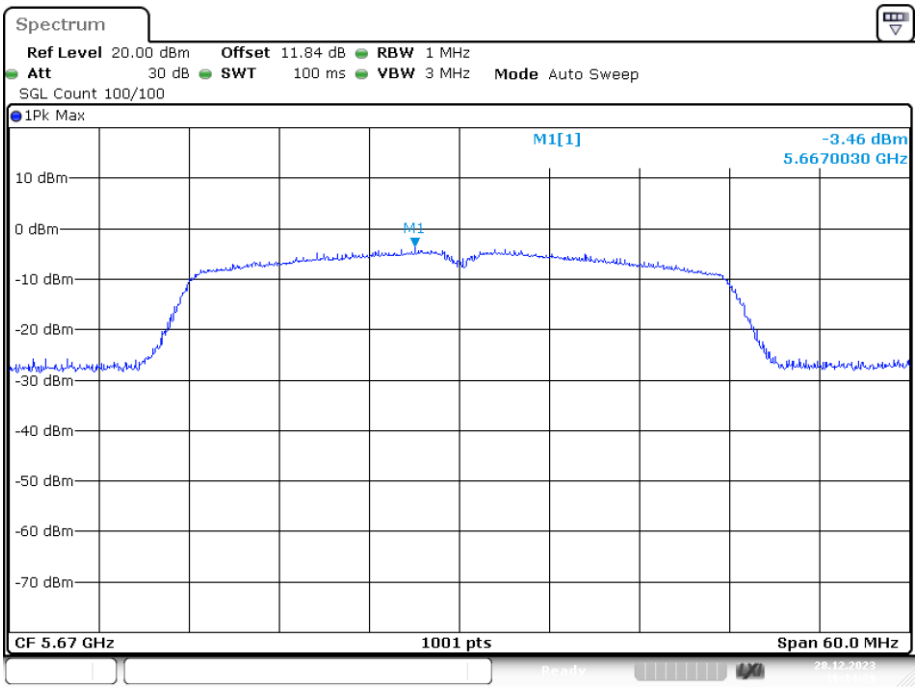
Date: 28.DEC.2023 15:53:35

PSD NVNT ac40 5510MHz Ant1



Date: 28.DEC.2023 16:05:28

PSD NVNT ac40 5670MHz Ant1



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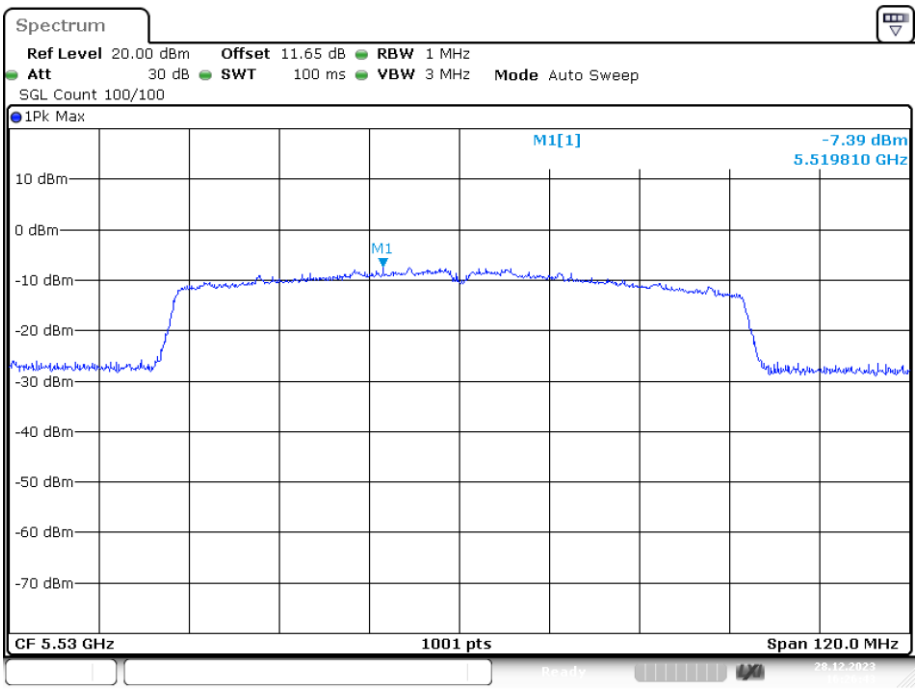
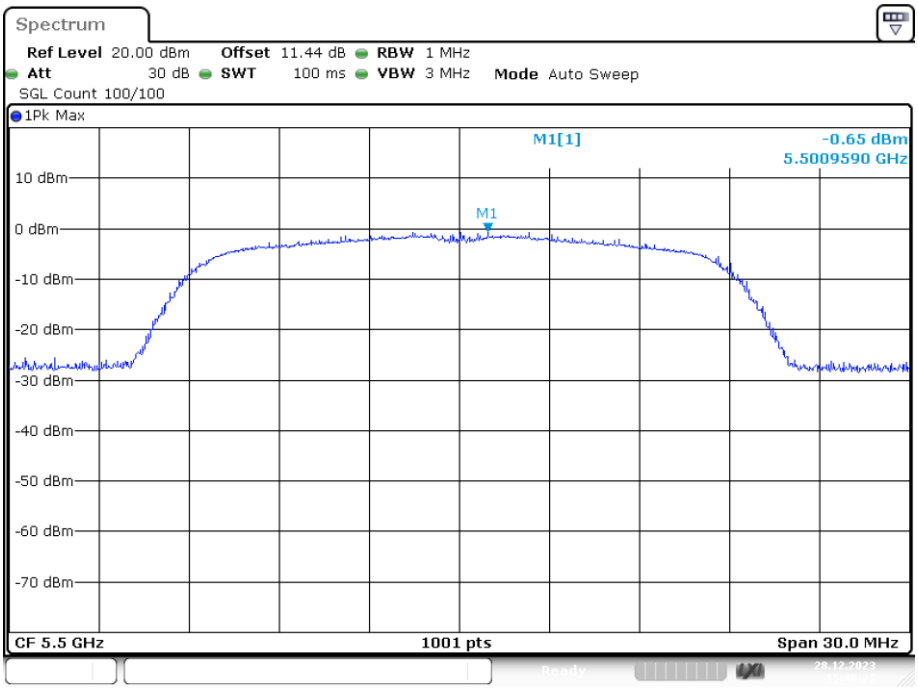
PSD NVNT ac80 5530MHz Ant1



Date: 28.DEC.2023 16:26:43

PSD NVNT n20 5500MHz Ant1



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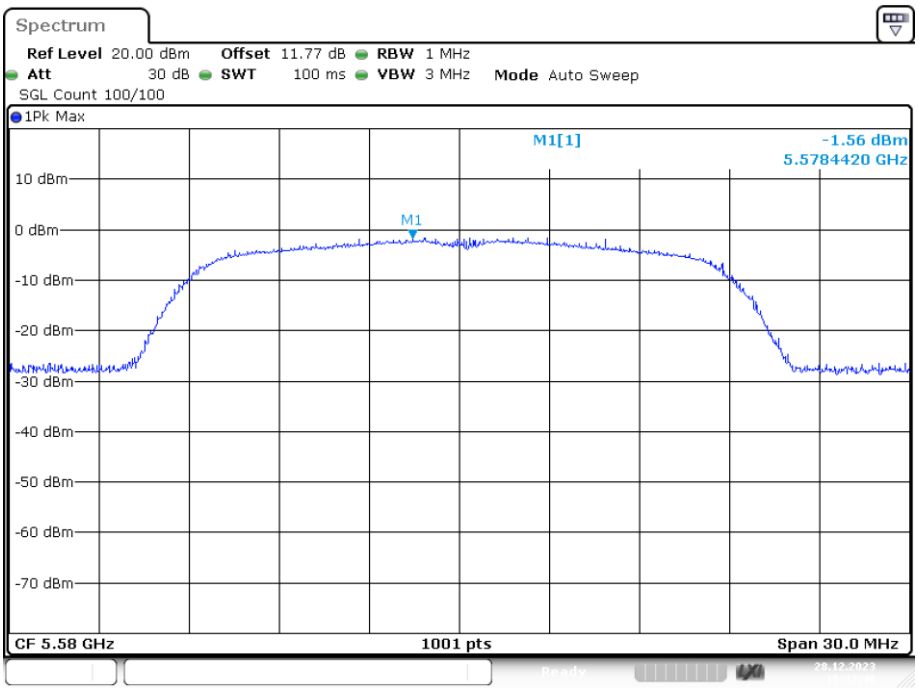
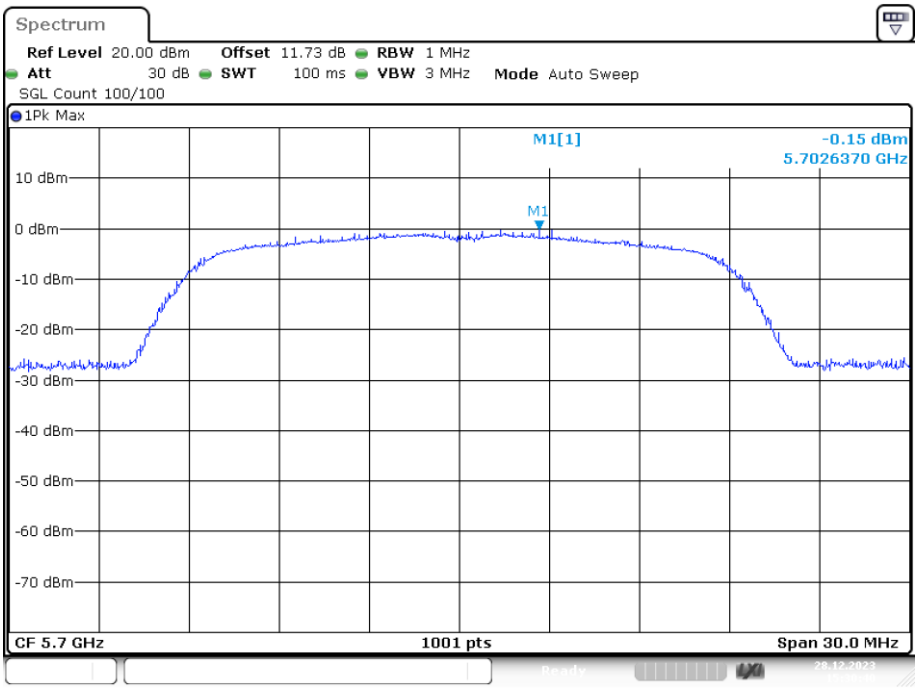
PSD NVNT n20 5580MHz Ant1



Date: 28.DEC.2023 15:42:40

PSD NVNT n20 5700MHz Ant1



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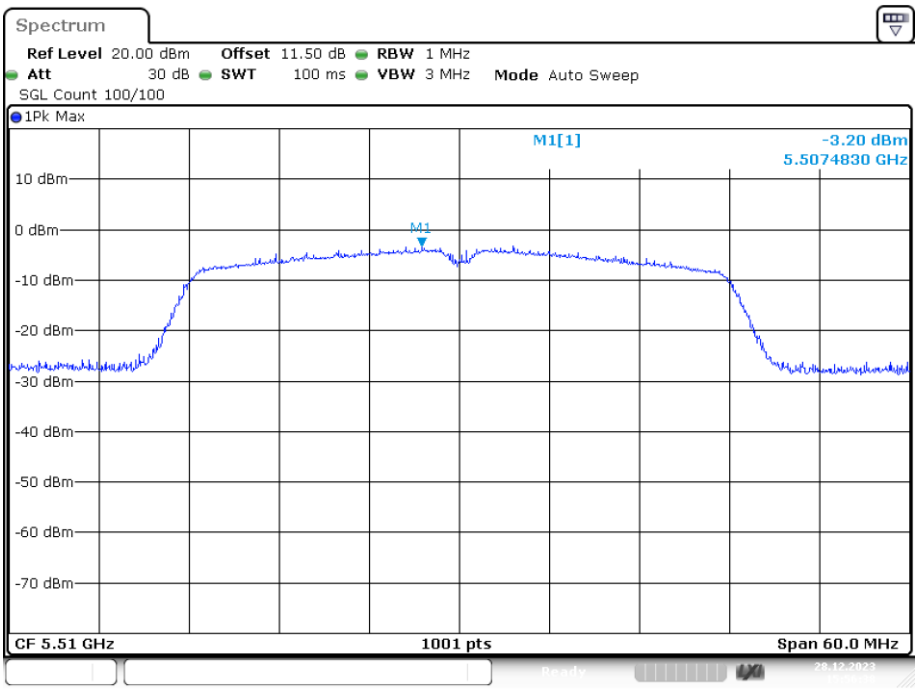
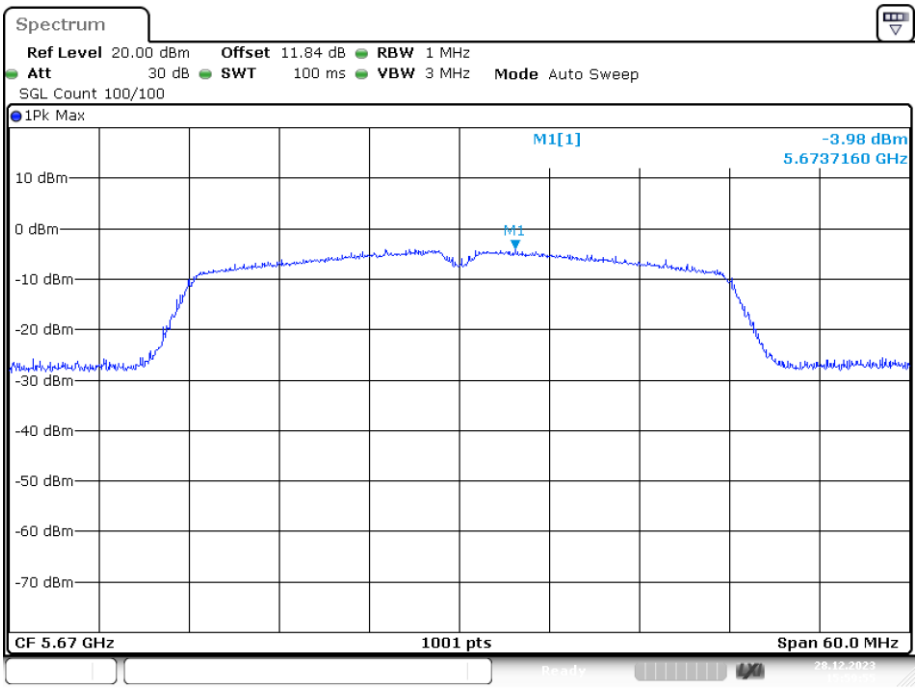
PSD NVNT n40 5510MHz Ant1



Date: 28.DEC.2023 15:56:38

PSD NVNT n40 5670MHz Ant1

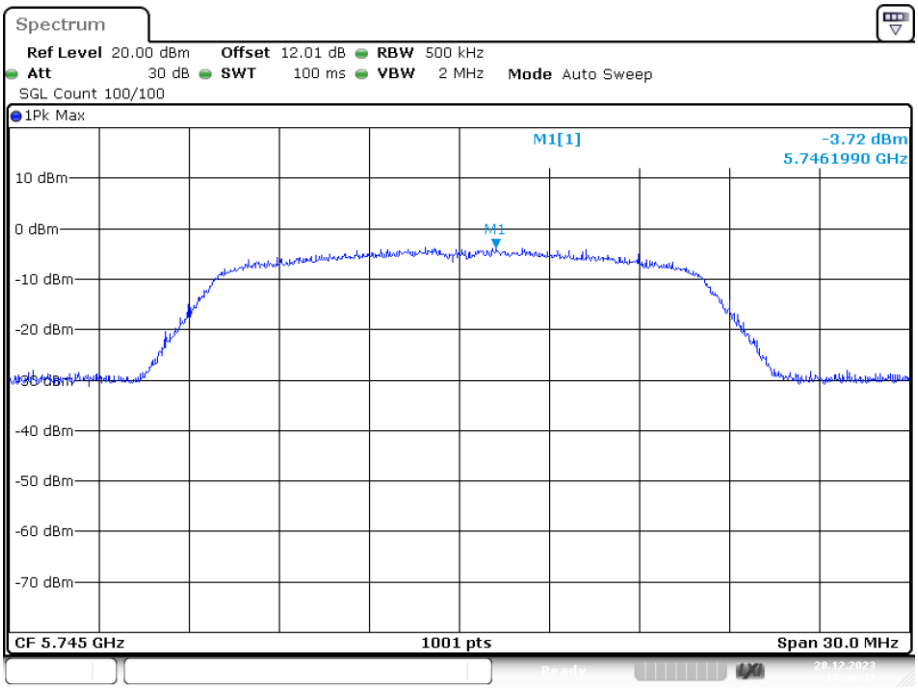


Date: 28.DEC.2023 15:59:55

Band 4 (5725 - 5850 MHz)

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-3.722	30	Pass
NVNT	a	5785	Ant1	-2.22	30	Pass
NVNT	a	5825	Ant1	-2.578	30	Pass
NVNT	ac20	5745	Ant1	-3.777	30	Pass
NVNT	ac20	5785	Ant1	-2.239	30	Pass
NVNT	ac20	5825	Ant1	-4.185	30	Pass
NVNT	ac40	5755	Ant1	-7.765	30	Pass
NVNT	ac40	5795	Ant1	-7.889	30	Pass
NVNT	ac80	5775	Ant1	-10.351	30	Pass
NVNT	n20	5745	Ant1	-3.708	30	Pass
NVNT	n20	5785	Ant1	-3.988	30	Pass
NVNT	n20	5825	Ant1	-3.941	30	Pass
NVNT	n40	5755	Ant1	-6.28	30	Pass
NVNT	n40	5795	Ant1	-6.761	30	Pass

PSD NVNT a 5745MHz Ant1



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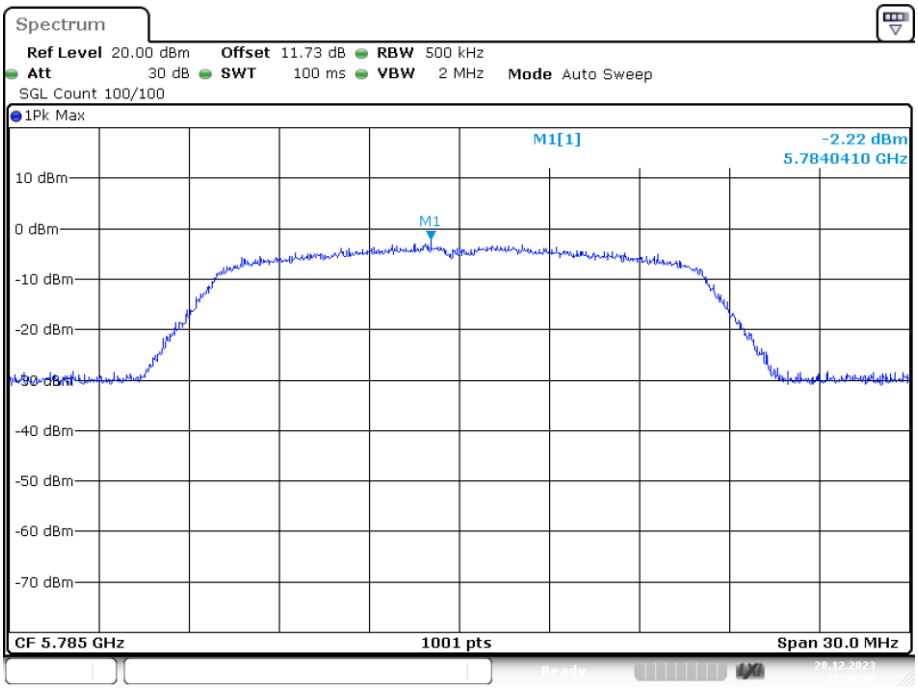
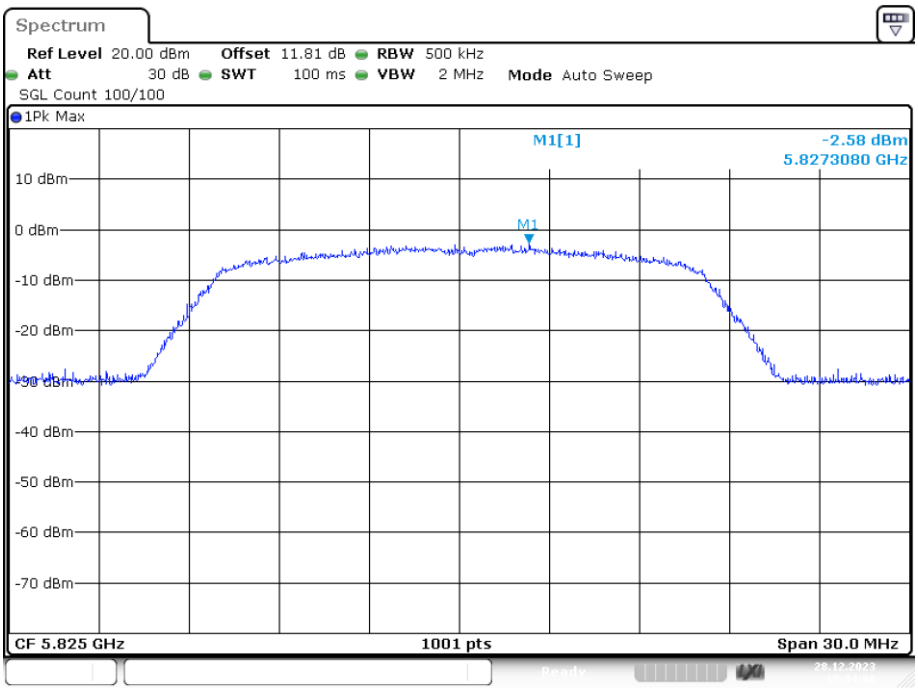
PSD NVNT a 5785MHz Ant1



Date: 28.DEC.2023 17:32:06

PSD NVNT a 5825MHz Ant1



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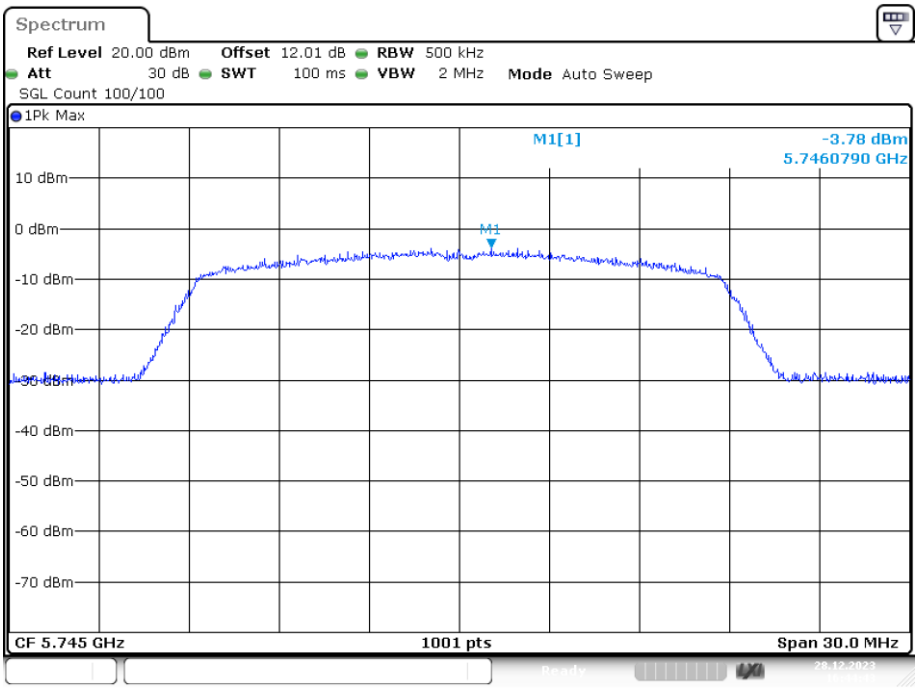
PSD NVNT ac20 5745MHz Ant1



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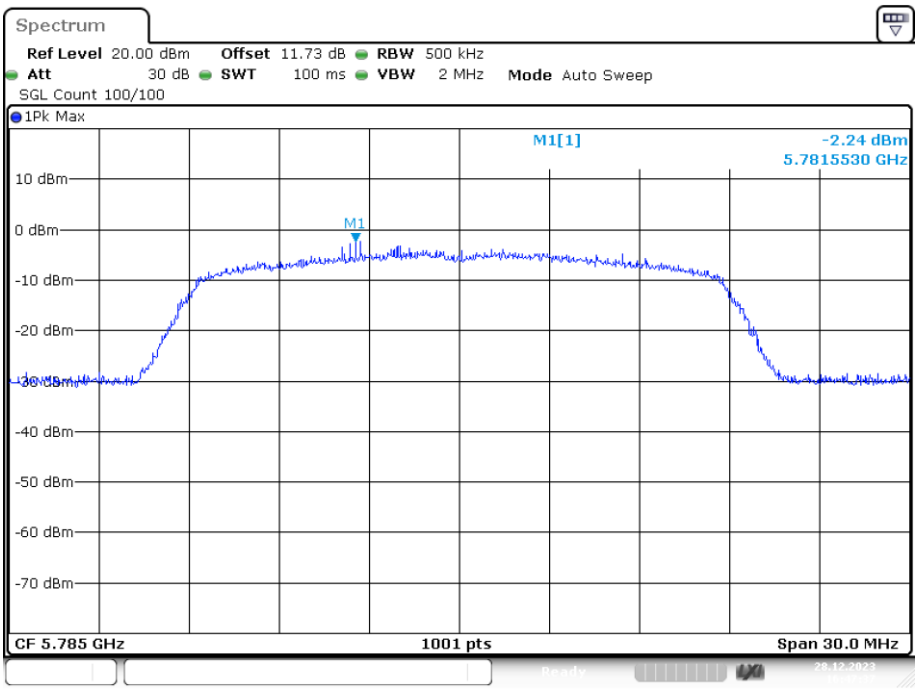

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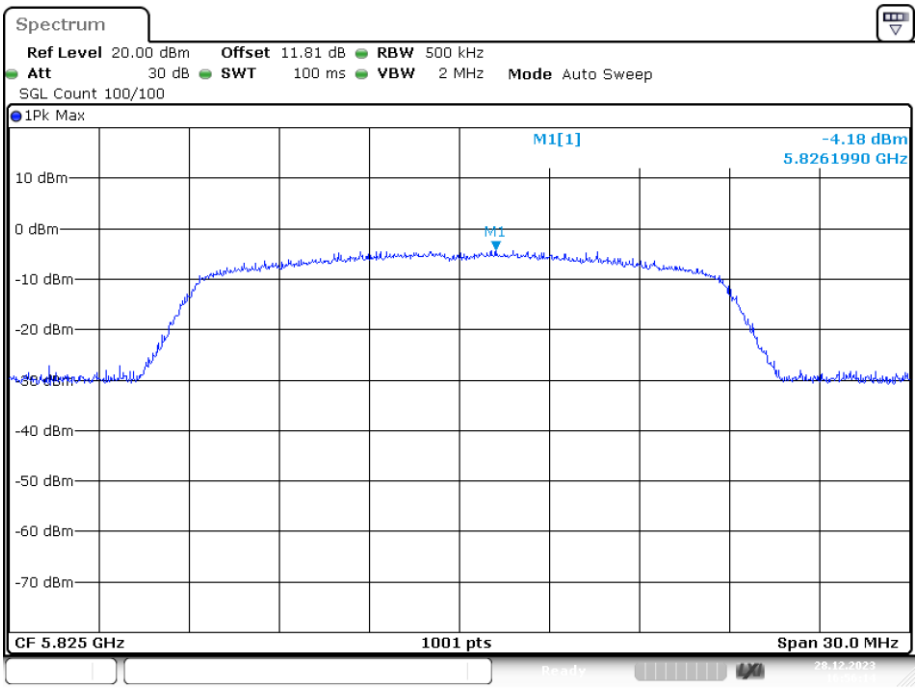

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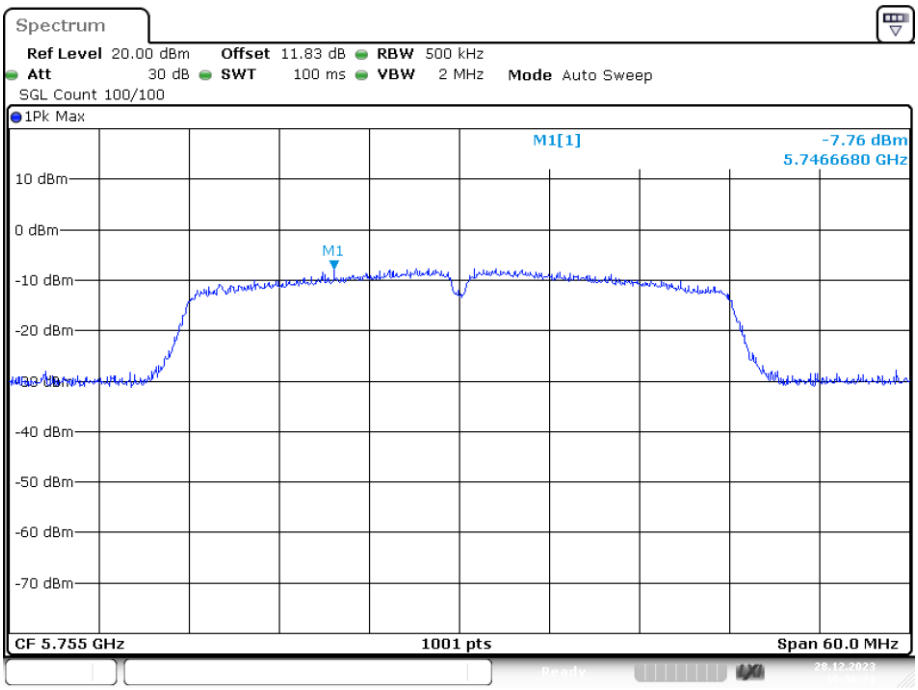

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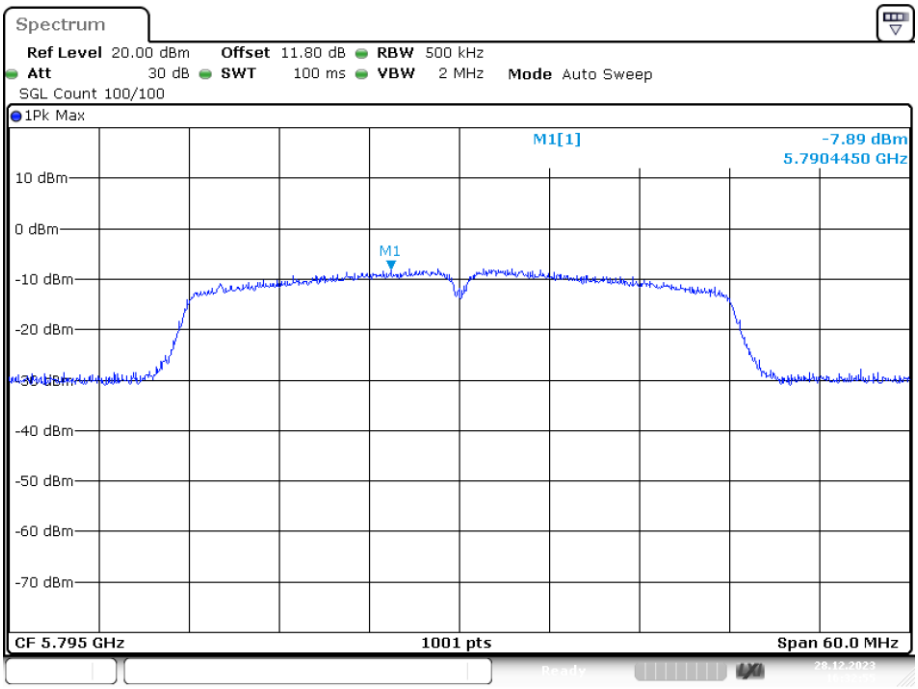

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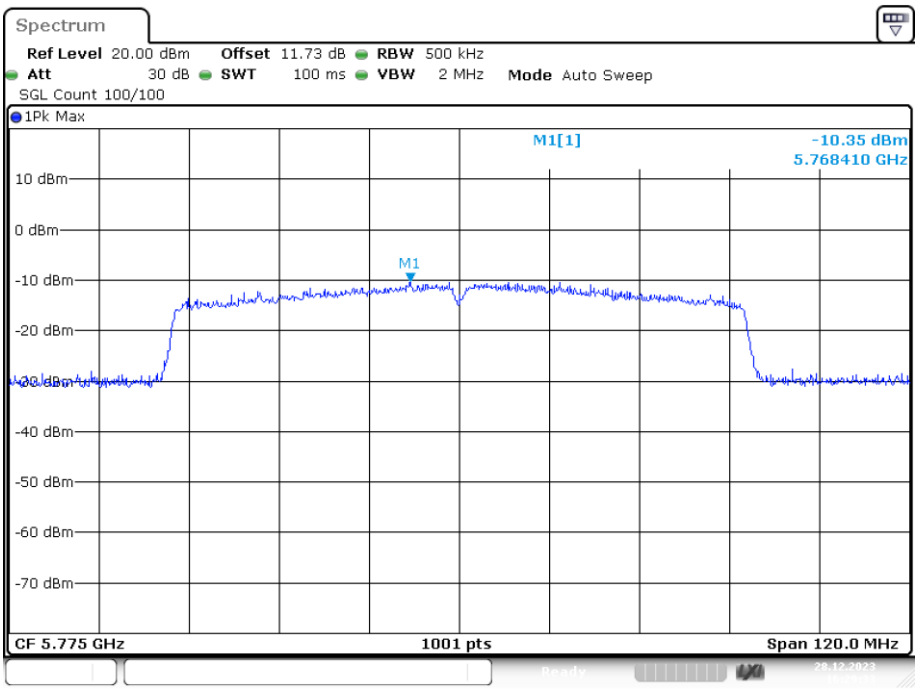

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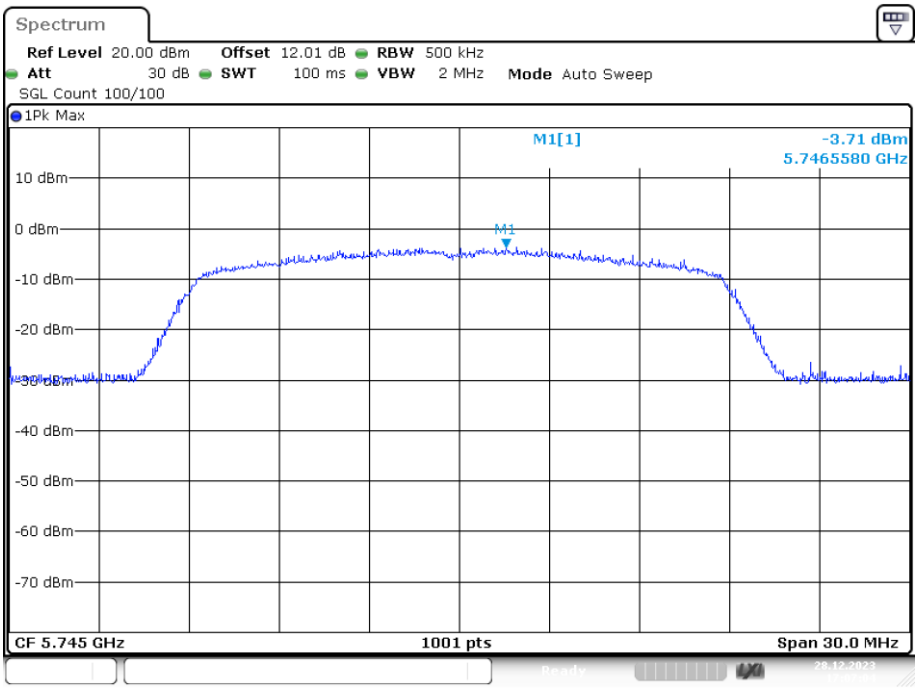
PSD NVNT n20 5745MHz Ant1



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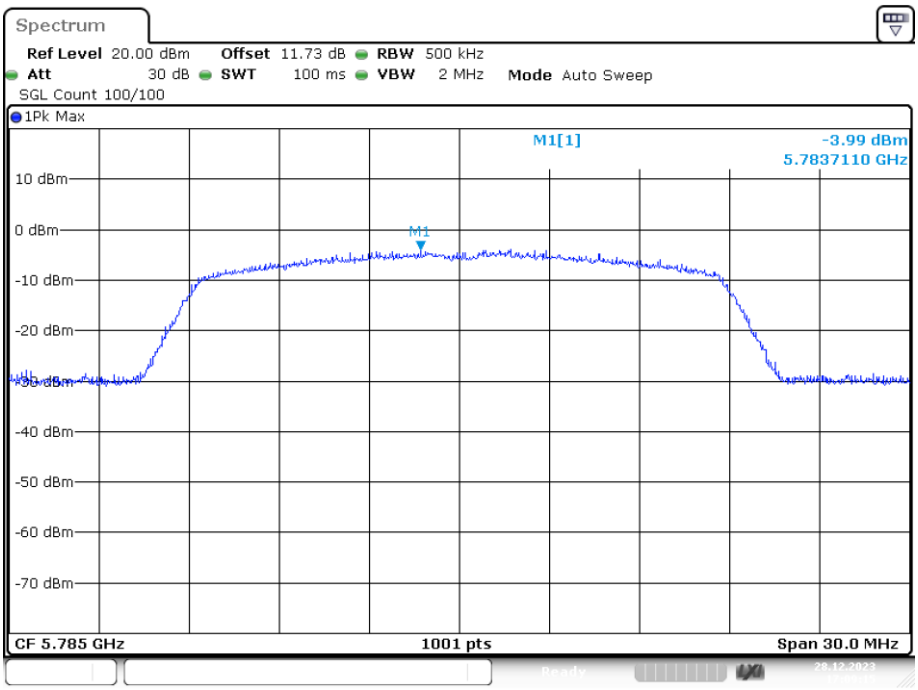

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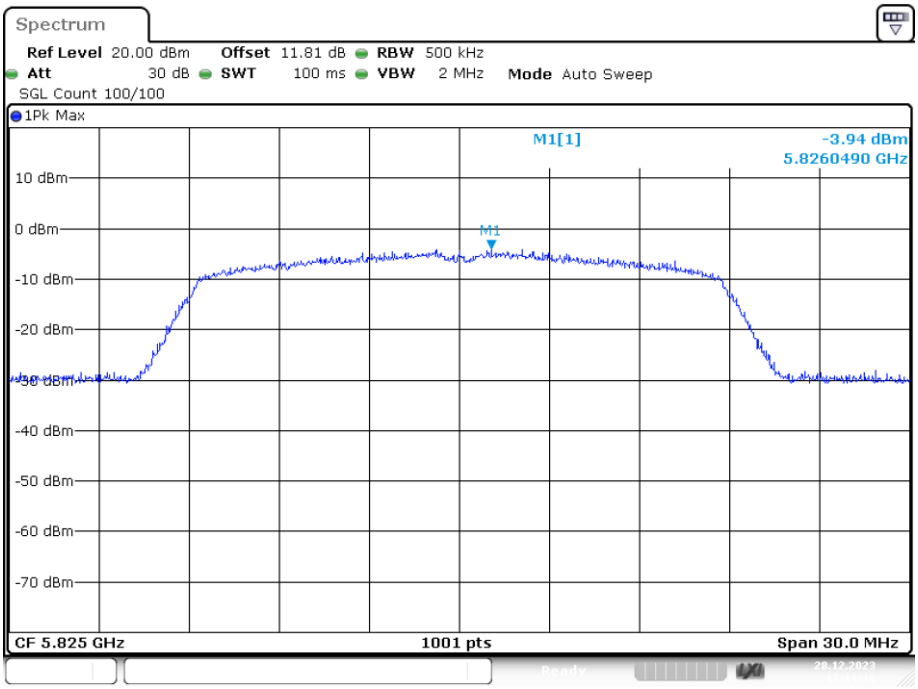
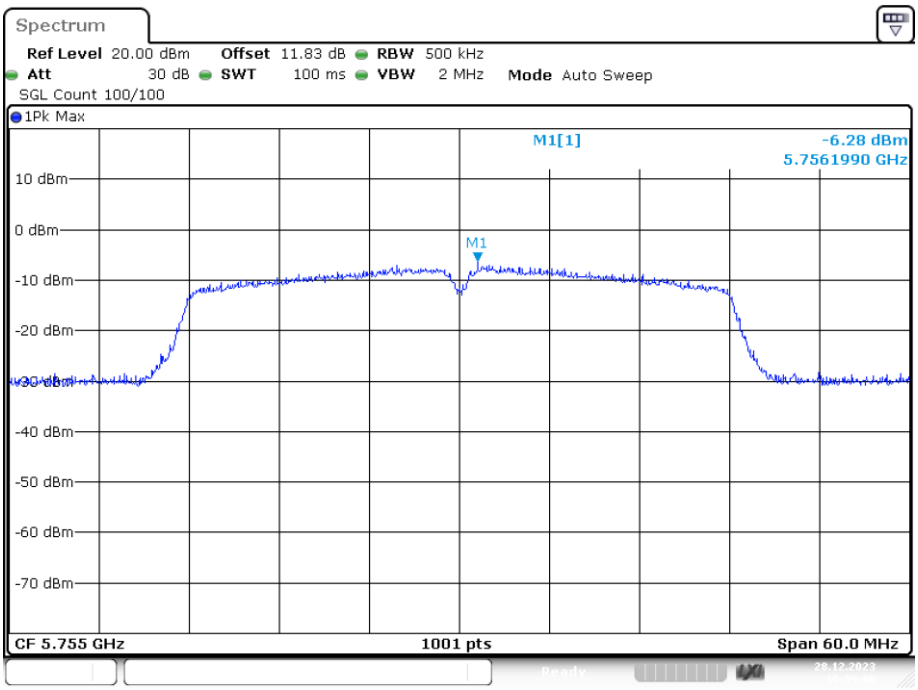
PSD NVNT n20 5825MHz Ant1



Date: 28.DEC.2023 17:11:16

PSD NVNT n40 5755MHz Ant1



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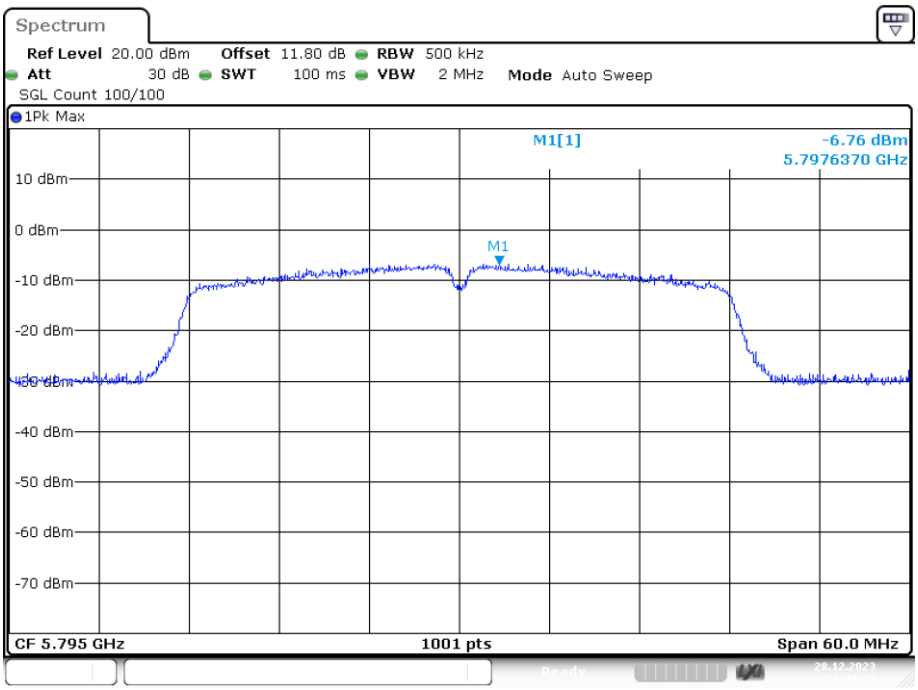
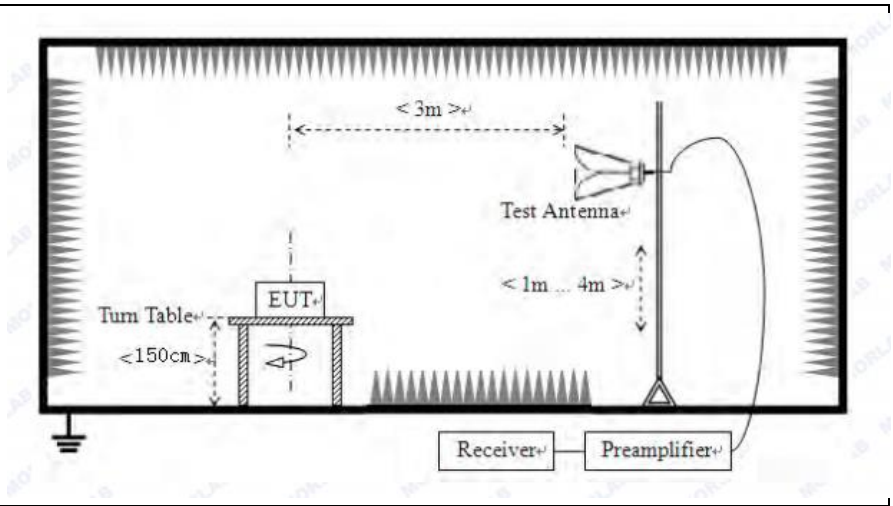
PSD NVNT n40 5795MHz Ant1



Date: 28.DEC.2023 16:41:33

4.6 Band Edge

<table>
<tr><td>Test Requirement:</td><td>FCC Part15 E Section 15.407 and 15.205, RSS-247 Issue 2, RSS-Gen Issue 5</td></tr>
<tr><td>Test Method:</td><td>ANSI C63.10:2013</td></tr>
<tr><td>Test site:</td><td>Measurement Distance: 3m (Semi-Anechoic Chamber)</td></tr>
<tr><td>Receiver setup:</td><td>
<table>
<tr><td>Frequency</td><td>Detector</td><td>RBW</td><td>VBW</td><td>Remark</td></tr>
<tr><td>30MHz-1GHz</td><td>Quasi-peak</td><td>100KHz</td><td>300KHz</td><td>Quasi-peak Value</td></tr>
<tr><td rowspan="2">Above 1GHz</td><td>Peak</td><td>1MHz</td><td>3MHz</td><td>Peak Value</td></tr>
<tr><td>AV</td><td>1MHz</td><td>3MHz</td><td>Average Value</td></tr>
</table>
</td></tr>
<tr><td>Limit:</td><td>
<table>
<tr><td>Frequency</td><td>Limit (dBuV/m @3m)</td><td>Remark</td></tr>
<tr><td>30MHz-88MHz</td><td>40.0</td><td>Quasi-peak Value</td></tr>
<tr><td>88MHz-216MHz</td><td>43.5</td><td>Quasi-peak Value</td></tr>
<tr><td>216MHz-960MHz</td><td>46.0</td><td>Quasi-peak Value</td></tr>
<tr><td>960MHz-1GHz</td><td>54.0</td><td>Quasi-peak Value</td></tr>
<tr><td rowspan="2">Above 1GHz</td><td>54.0</td><td>Average Value</td></tr>
<tr><td>68.2</td><td>Peak Value</td></tr>
</table>
Undesirable emission limits:
(1) For transmitters operating in the 5.15-5.25 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.
(2) For transmitters operating in the 5.25-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5.25-5.35 GHz band that generate emissions in the 5.15-5.25 GHz band must meet all applicable technical requirements for operation in the 5.15-5.25 GHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5.15-5.25 GHz band.
(3) For transmitters operating in the 5.47-5.725 GHz band: all emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of −27 dBm/MHz.
</td></tr>
<tr><td>Test Procedure:</td><td>
a. The EUT was placed on the top of a rotating table 1.5 m above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotable table was turned from 0 degrees to 360 degrees to find the maximum reading.
e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
</td></tr>
<tr><td>Test setup:</td><td>Above 1GHz</td></tr>
</table>

	
Test Instruments:	Refer to section 5.10 for details
Test mode:	Refer to section 5.3 for details
Test results:	Pass

Remark:

According to KDB 789033 D02 v02r01 section G) 1) (d), for For measurements above 1000 MHz @ 3m distance, the limit of field strength is computed as follows:

E[dBuV/m] = EIRP[dBm] + 95.2,

For example, if EIRP = -27dBm

E[dBuV/m] = -27 + 95.2 = 68.2dBuV/m.

Measurement Data:
Band1

Mode:		802.11a		Frequency:		5180MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	32.60	17.18	49.78	68.20	-18.42	PK
V	5150.00	35.16	17.18	52.34	68.20	-15.86	PK
Mode:		802.11a		Frequency:		5180MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	21.69	17.18	38.87	54.00	-15.13	AV
V	5150.00	24.79	17.18	41.97	54.00	-12.03	AV
Mode:		802.11a		Frequency:		5240MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	33.75	17.20	50.95	68.20	-17.25	PK
V	5350.00	31.91	17.20	49.11	68.20	-19.09	PK
Mode:		802.11a		Frequency:		5240MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	28.45	17.20	45.65	54.00	-8.35	AV
V	5350.00	23.61	17.20	40.81	54.00	-13.19	AV

Mode:		802.11n(HT20)		Frequency:		5180MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	34.25	17.18	51.43	68.20	-16.77	PK
V	5150.00	33.85	17.18	51.03	68.20	-17.17	PK

Mode:		802.11n(HT20)		Frequency:		5180MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	22.94	17.18	40.12	54.00	-13.88	AV
V	5150.00	24.57	17.18	41.75	54.00	-12.25	AV

Mode:		802.11n(HT20)		Frequency:		5240MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	33.20	17.20	50.40	68.20	-17.80	PK
V	5350.00	32.62	17.20	49.82	68.20	-18.38	PK

Mode:		802.11n(HT20)		Frequency:		5240MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	27.24	17.20	44.44	54.00	-9.56	AV
V	5350.00	25.40	17.20	42.60	54.00	-11.40	AV

Mode:		802.11ac(HT20)		Frequency:		5180MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	33.48	17.18	50.66	68.20	-17.54	PK
V	5150.00	32.63	17.18	49.81	68.20	-18.39	PK
Mode:		802.11ac(HT20)		Frequency:		5180MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	23.42	17.18	40.60	54.00	-13.40	AV
V	5150.00	26.31	17.18	43.49	54.00	-10.51	AV
Mode:		802.11ac(HT20)		Frequency:		5240MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	33.37	17.20	50.57	68.20	-17.63	PK
V	5350.00	33.50	17.20	50.70	68.20	-17.50	PK
Mode:		802.11ac(HT20)		Frequency:		5240MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	27.65	17.20	44.85	54.00	-9.15	AV
V	5350.00	24.13	17.20	41.33	54.00	-12.67	AV

Mode:		802.11n(HT40)		Frequency:		5190MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	32.42	17.18	49.60	68.20	-18.60	PK
V	5150.00	33.98	17.18	51.16	68.20	-17.04	PK
Mode:		802.11n(HT40)		Frequency:		5190MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	23.60	17.18	40.78	54.00	-13.22	AV
V	5150.00	27.22	17.18	44.40	54.00	-9.60	AV
Mode:		802.11n(HT40)		Frequency:		5230MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	36.20	17.20	53.40	68.20	-14.80	PK
V	5350.00	32.68	17.20	49.88	68.20	-18.32	PK
Mode:		802.11n(HT40)		Frequency:		5230MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	28.93	17.20	46.13	54.00	-7.87	AV
V	5350.00	25.95	17.20	43.15	54.00	-10.85	AV

Mode:		802.11ac(HT40)		Frequency:		5190MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	31.71	17.18	48.89	68.20	-19.31	PK
V	5150.00	32.50	17.18	49.68	68.20	-18.52	PK
Mode:		802.11ac(HT40)		Frequency:		5190MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	23.53	17.18	40.71	54.00	-13.29	AV
V	5150.00	23.40	17.18	40.58	54.00	-13.42	AV
Mode:		802.11ac(HT40)		Frequency:		5230MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	36.03	17.20	53.23	68.20	-14.97	PK
V	5350.00	33.01	17.20	50.21	68.20	-17.99	PK
Mode:		802.11ac(HT40)		Frequency:		5230MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	29.22	17.20	46.42	54.00	-7.58	AV
V	5350.00	23.35	17.20	40.55	54.00	-13.45	AV

Mode:		802.11ac(HT80)		Frequency:		5210MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	31.12	17.18	48.30	68.20	-19.90	PK
V	5150.00	36.21	17.18	53.39	68.20	-14.81	PK
Mode:		802.11ac(HT80)		Frequency:		5210MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	22.70	17.18	39.88	54.00	-14.12	AV
V	5150.00	23.86	17.18	41.04	54.00	-12.96	AV
Mode:		802.11ac(HT80)		Frequency:		5210MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	33.63	17.20	50.83	68.20	-17.37	PK
V	5350.00	32.85	17.20	50.05	68.20	-18.15	PK
Mode:		802.11ac(HT80)		Frequency:		5210MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	27.11	17.20	44.31	54.00	-9.69	AV
V	5350.00	24.83	17.20	42.03	54.00	-11.97	AV

Band2

Mode:		802.11a		Frequency:		5260MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	33.06	17.18	50.24	68.20	-17.96	PK
V	5150.00	32.75	17.18	49.93	68.20	-18.27	PK
Mode:		802.11a		Frequency:		5260MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	24.85	17.18	42.03	54.00	-11.97	AV
V	5150.00	25.81	17.18	42.99	54.00	-11.01	AV
Mode:		802.11a		Frequency:		5320MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	36.46	17.20	53.66	68.20	-14.54	PK
V	5350.00	32.00	17.20	49.20	68.20	-19.00	PK
Mode:		802.11a		Frequency:		5320MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	27.28	17.20	44.48	54.00	-9.52	AV
V	5350.00	26.21	17.20	43.41	54.00	-10.59	AV

Mode:		802.11n(HT20)		Frequency:		5260MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	34.69	17.18	51.87	68.20	-16.33	PK
V	5150.00	34.18	17.18	51.36	68.20	-16.84	PK
Mode:		802.11n(HT20)		Frequency:		5260MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	25.23	17.18	42.41	54.00	-11.59	AV
V	5150.00	26.49	17.18	43.67	54.00	-10.33	AV
Mode:		802.11n(HT20)		Frequency:		5320MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	35.65	17.20	52.85	68.20	-15.35	PK
V	5350.00	33.87	17.20	51.07	68.20	-17.13	PK
Mode:		802.11n(HT20)		Frequency:		5320MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	28.24	17.20	45.44	54.00	-8.56	AV
V	5350.00	22.68	17.20	39.88	54.00	-14.12	AV

Mode:		802.11ac(HT20)		Frequency:		5260MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	31.41	17.18	48.59	68.20	-19.61	PK
V	5150.00	35.76	17.18	52.94	68.20	-15.26	PK
Mode:		802.11ac(HT20)		Frequency:		5260MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	24.39	17.18	41.57	54.00	-12.43	AV
V	5150.00	26.90	17.18	44.08	54.00	-9.92	AV
Mode:		802.11ac(HT20)		Frequency:		5320MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	34.57	17.20	51.77	68.20	-16.43	PK
V	5350.00	32.23	17.20	49.43	68.20	-18.77	PK
Mode:		802.11ac(HT20)		Frequency:		5320MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	29.40	17.20	46.60	54.00	-7.40	AV
V	5350.00	24.14	17.20	41.34	54.00	-12.66	AV

Mode:		802.11n(HT40)		Frequency:		5270MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	32.16	17.18	49.34	68.20	-18.86	PK
V	5150.00	36.39	17.18	53.57	68.20	-14.63	PK
Mode:		802.11n(HT40)		Frequency:		5270MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	21.86	17.18	39.04	54.00	-14.96	AV
V	5150.00	24.48	17.18	41.66	54.00	-12.34	AV
Mode:		802.11n(HT40)		Frequency:		5310MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	34.52	17.20	51.72	68.20	-16.48	PK
V	5350.00	33.97	17.20	51.17	68.20	-17.03	PK
Mode:		802.11n(HT40)		Frequency:		5310MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	29.33	17.20	46.53	54.00	-7.47	AV
V	5350.00	25.86	17.20	43.06	54.00	-10.94	AV

Mode:		802.11ac(HT40)		Frequency:		5270MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	33.86	17.18	51.04	68.20	-17.16	PK
V	5150.00	35.80	17.18	52.98	68.20	-15.22	PK
Mode:		802.11ac(HT40)		Frequency:		5270MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	21.70	17.18	38.88	54.00	-15.12	AV
V	5150.00	24.66	17.18	41.84	54.00	-12.16	AV
Mode:		802.11ac(HT40)		Frequency:		5310MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	33.25	17.20	50.45	68.20	-17.75	PK
V	5350.00	32.94	17.20	50.14	68.20	-18.06	PK
Mode:		802.11ac(HT40)		Frequency:		5310MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	29.61	17.20	46.81	54.00	-7.19	AV
V	5350.00	25.70	17.20	42.90	54.00	-11.10	AV

Mode:		802.11ac(HT80)		Frequency:		5290MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	33.51	17.18	50.69	68.20	-17.51	PK
V	5150.00	33.69	17.18	50.87	68.20	-17.33	PK
Mode:		802.11ac(HT80)		Frequency:		5290MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5150.00	21.82	17.18	39.00	54.00	-15.00	AV
V	5150.00	27.30	17.18	44.48	54.00	-9.52	AV
Mode:		802.11ac(HT80)		Frequency:		5290MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	36.76	17.20	53.96	68.20	-14.24	PK
V	5350.00	30.69	17.20	47.89	68.20	-20.31	PK
Mode:		802.11ac(HT80)		Frequency:		5290MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5350.00	27.62	17.20	44.82	54.00	-9.18	AV
V	5350.00	24.57	17.20	41.77	54.00	-12.23	AV

Band3

Mode:		802.11a		Frequency:		5500MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5470.00	33.17	17.18	50.35	68.20	-17.85	PK
V	5470.00	35.28	17.18	52.46	68.20	-15.74	PK
Mode:		802.11a		Frequency:		5500MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5470.00	22.52	17.18	39.70	54.00	-14.30	AV
V	5470.00	23.65	17.18	40.83	54.00	-13.17	AV
Mode:		802.11a		Frequency:		5700MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5725.00	34.58	17.20	51.78	68.20	-16.42	PK
V	5725.00	33.38	17.20	50.58	68.20	-17.62	PK
Mode:		802.11a		Frequency:		5700MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5725.00	26.64	17.20	43.84	54.00	-10.16	AV
V	5725.00	24.81	17.20	42.01	54.00	-11.99	AV

Mode:		802.11n(HT20)		Frequency:		5500MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5470.00	33.80	17.18	50.98	68.20	-17.22	PK
V	5470.00	36.38	17.18	53.56	68.20	-14.64	PK
Mode:		802.11n(HT20)		Frequency:		5500MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5470.00	22.02	17.18	39.20	54.00	-14.80	AV
V	5470.00	24.93	17.18	42.11	54.00	-11.89	AV
Mode:		802.11n(HT20)		Frequency:		5700MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5725.00	36.97	17.20	54.17	68.20	-14.03	PK
V	5725.00	31.37	17.20	48.57	68.20	-19.63	PK
Mode:		802.11n(HT20)		Frequency:		5700MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5725.00	28.37	17.20	45.57	54.00	-8.43	AV
V	5725.00	26.32	17.20	43.52	54.00	-10.48	AV

Mode:		802.11n(HT40)		Frequency:		5510MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5470.00	33.04	17.18	50.22	68.20	-17.98	PK
V	5470.00	32.58	17.18	49.76	68.20	-18.44	PK

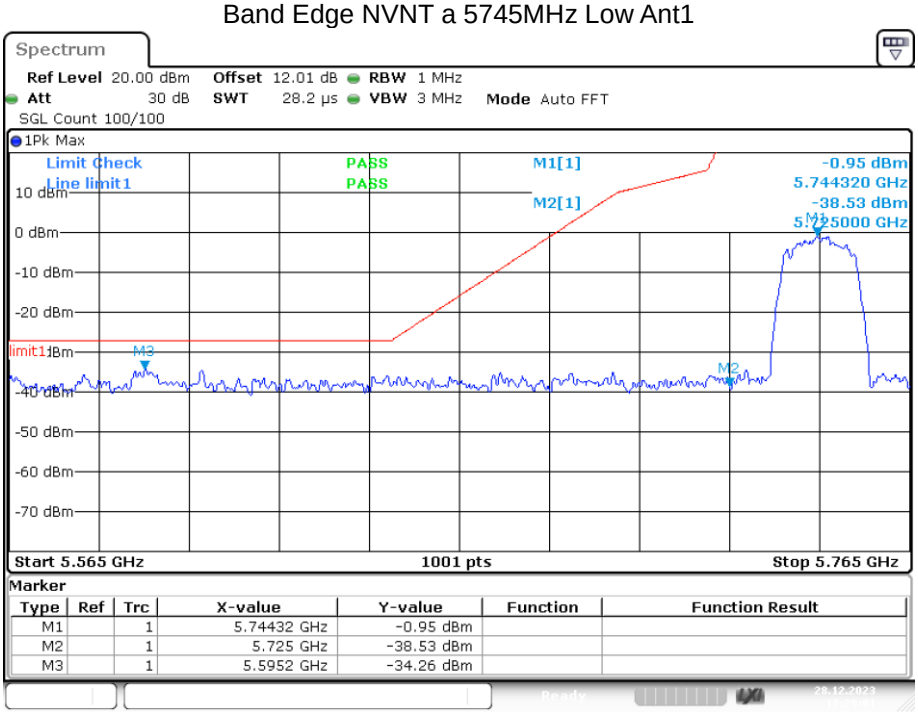
Mode:		802.11n(HT40)		Frequency:		5510MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5470.00	24.19	17.18	41.37	54.00	-12.63	AV
V	5470.00	26.00	17.18	43.18	54.00	-10.82	AV

Mode:		802.11n(HT40)		Frequency:		5670MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5725.00	35.68	17.20	52.88	68.20	-15.32	PK
V	5725.00	34.26	17.20	51.46	68.20	-16.74	PK

Mode:		802.11n(HT40)		Frequency:		5670MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5725.00	27.71	17.20	44.91	54.00	-9.09	AV
V	5725.00	24.77	17.20	41.97	54.00	-12.03	AV

Band4

Band Edge NVNT a 5745MHz Low Ant1



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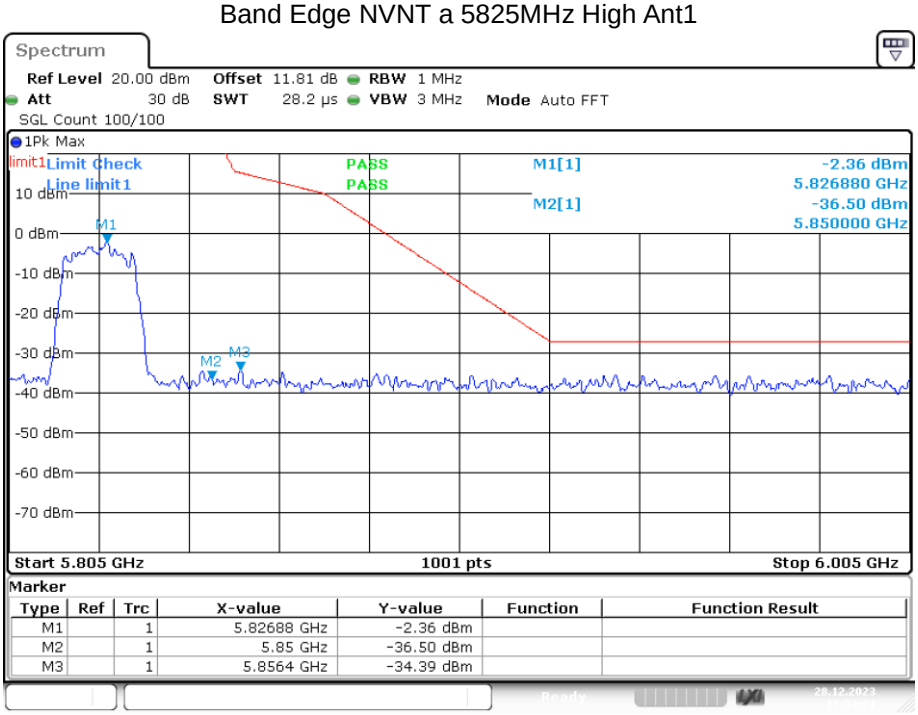
Band Edge NVNT a 5825MHz High Ant1



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