Measurement Data

Band 2 (5250-5350 MHz)

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	6.507	0.27	6.777	24	Pass
NVNT	a	5280	Ant1	7.101	0.24	7.341	24	Pass
NVNT	a	5320	Ant1	6.61	0.25	6.86	24	Pass
NVNT	ac20	5260	Ant1	6.629	0.26	6.889	24	Pass
NVNT	ac20	5280	Ant1	5.876	0.26	6.136	24	Pass
NVNT	ac20	5320	Ant1	5.879	0.26	6.139	24	Pass
NVNT	ac40	5270	Ant1	6.729	0.52	7.249	24	Pass
NVNT	ac40	5310	Ant1	6.994	0.52	7.514	24	Pass
NVNT	n20	5260	Ant1	7.871	0.26	8.131	24	Pass
NVNT	n20	5280	Ant1	6.954	0.26	7.214	24	Pass
NVNT	n20	5320	Ant1	6.752	0.26	7.012	24	Pass
NVNT	n40	5270	Ant1	5.175	0.52	5.695	24	Pass
NVNT	n40	5310	Ant1	7.309	0.51	7.819	24	Pass

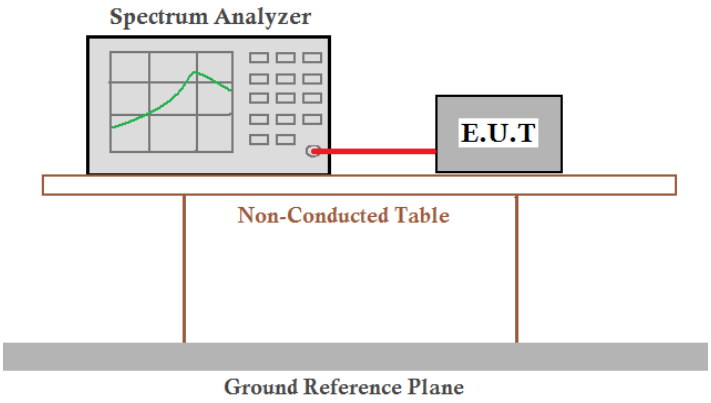
Note: Total Power= Conducted Power+ Duty Cycle Factor

Band 3 (5470 – 5725 MHz)

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Cycle Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	9.796	0.26	10.056	24	Pass
NVNT	a	5580	Ant1	9.123	0.26	9.383	24	Pass
NVNT	a	5700	Ant1	5.456	0.26	5.716	24	Pass
NVNT	ac20	5500	Ant1	9.959	0.26	10.219	24	Pass
NVNT	ac20	5580	Ant1	9.253	0.26	9.513	24	Pass
NVNT	ac20	5700	Ant1	5.366	0.26	5.626	24	Pass
NVNT	ac40	5510	Ant1	9.43	0.51	9.94	24	Pass
NVNT	ac40	5670	Ant1	7.326	0.52	7.846	24	Pass
NVNT	n20	5500	Ant1	9.757	0.26	10.017	24	Pass
NVNT	n20	5580	Ant1	9.693	0.26	9.953	24	Pass
NVNT	n20	5700	Ant1	5.906	0.26	6.166	24	Pass
NVNT	n40	5510	Ant1	8.72	0.52	9.24	24	Pass
NVNT	n40	5670	Ant1	7.982	0.52	8.502	24	Pass

Note: Total Power= Conducted Power+ Duty Cycle Factor

4.6 Power Spectral Density

Test Requirement:	47-CFR-Part-15.407
Test Method:	ANSI C63.10-2020, section 12.6
Limit:	≤11.00dBm/MHz for 5150MHz-5250MHz, 5250-5350MHz and 5470-5725 MHz ≤30.00dBm/500KHz for 5725MHz-5850MHz
Test setup:	
Test procedure:	Refer·toANSI-C63.10-2020,section.12.6-
Test results:	Pass

Measurement Data

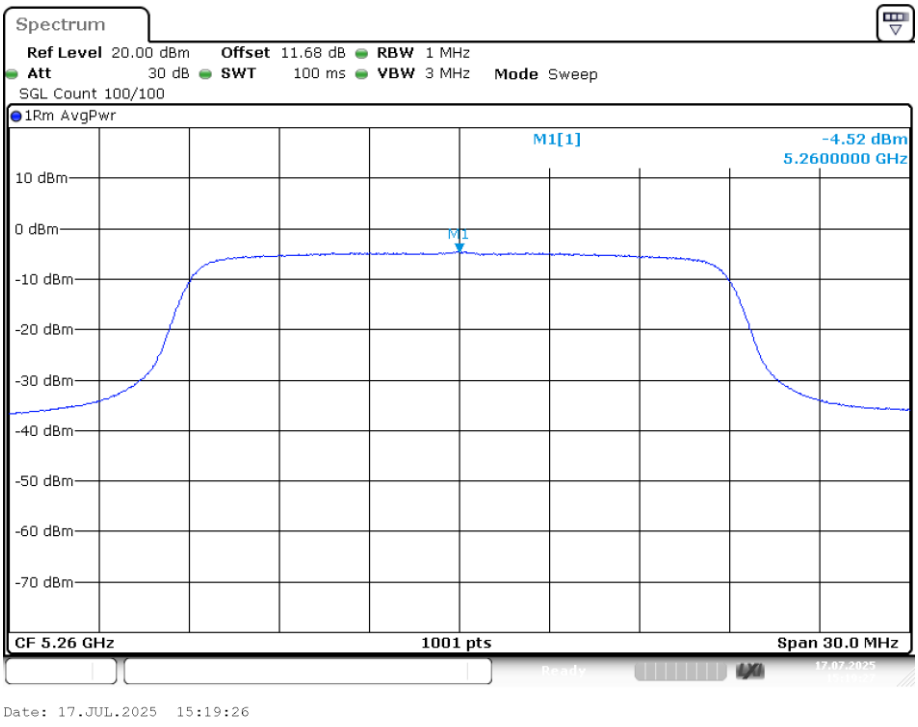
Band 2 (5250-5350 MHz)

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD(dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-4.52	0.27	-4.25	11	Pass
NVNT	a	5280	Ant1	-4.612	0.24	-4.372	11	Pass
NVNT	a	5320	Ant1	-4.407	0.25	-4.157	11	Pass
NVNT	ac20	5260	Ant1	-4.984	0.26	-4.724	11	Pass
NVNT	ac20	5280	Ant1	-5.308	0.26	-5.048	11	Pass
NVNT	ac20	5320	Ant1	-5.429	0.26	-5.169	11	Pass
NVNT	ac40	5270	Ant1	-7.148	0.52	-6.628	11	Pass
NVNT	ac40	5310	Ant1	-6.152	0.52	-5.632	11	Pass
NVNT	n20	5260	Ant1	-3.023	0.26	-2.763	11	Pass
NVNT	n20	5280	Ant1	-4.518	0.26	-4.258	11	Pass
NVNT	n20	5320	Ant1	-4.382	0.26	-4.122	11	Pass
NVNT	n40	5270	Ant1	-8.716	0.52	-8.196	11	Pass
NVNT	n40	5310	Ant1	-6.322	0.51	-5.812	11	Pass

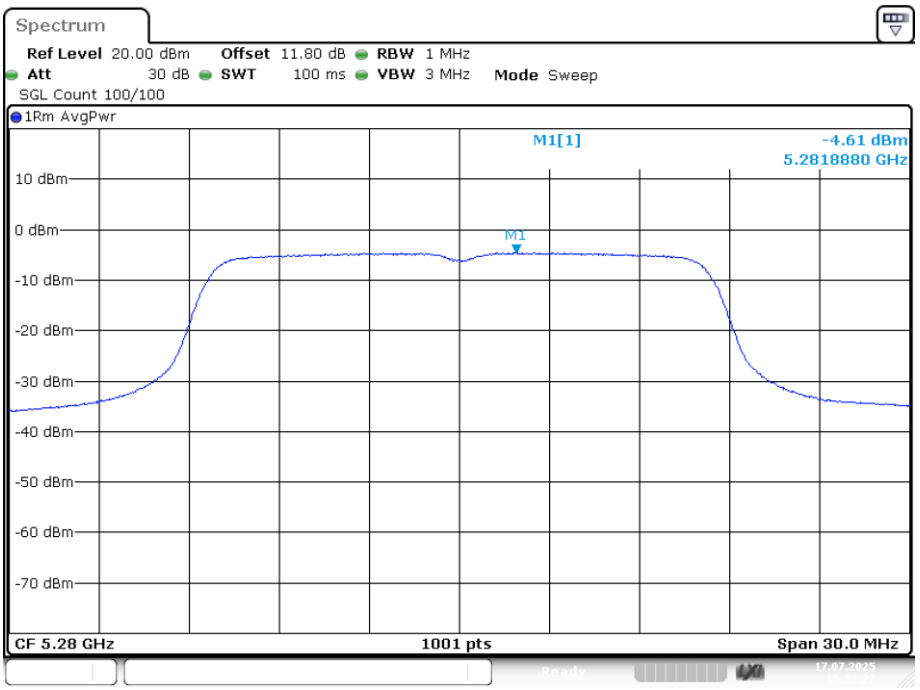
Note: 1. Total PSD= Conducted PSD+ Duty Cycle Factor,

2. Offset = Cable loss

PSD NVNT a 5260MHz Ant1



PSD NVNT a 5280MHz Ant1



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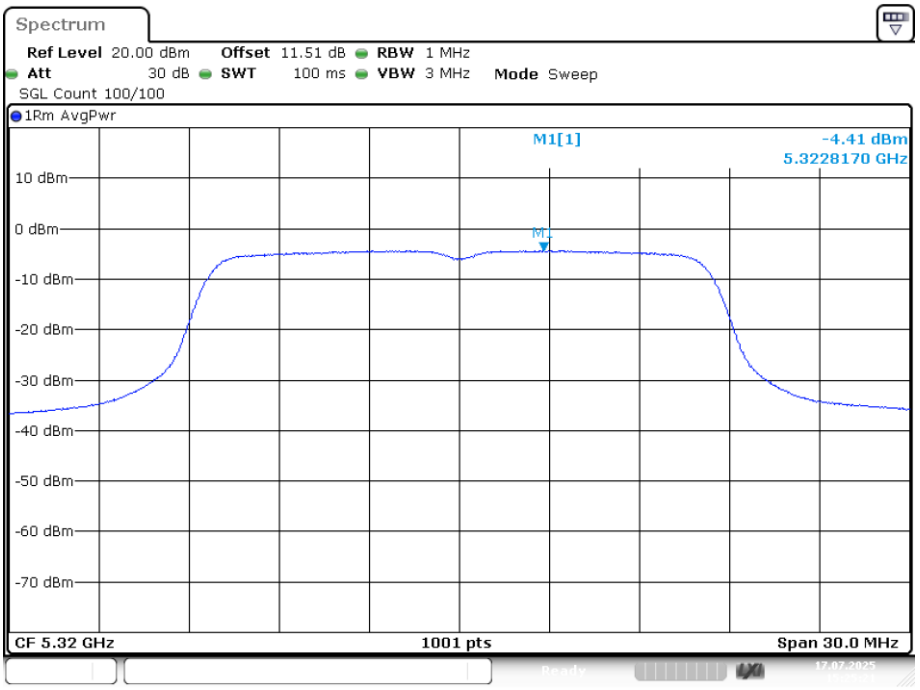
PSD NVNT a 5320MHz Ant1



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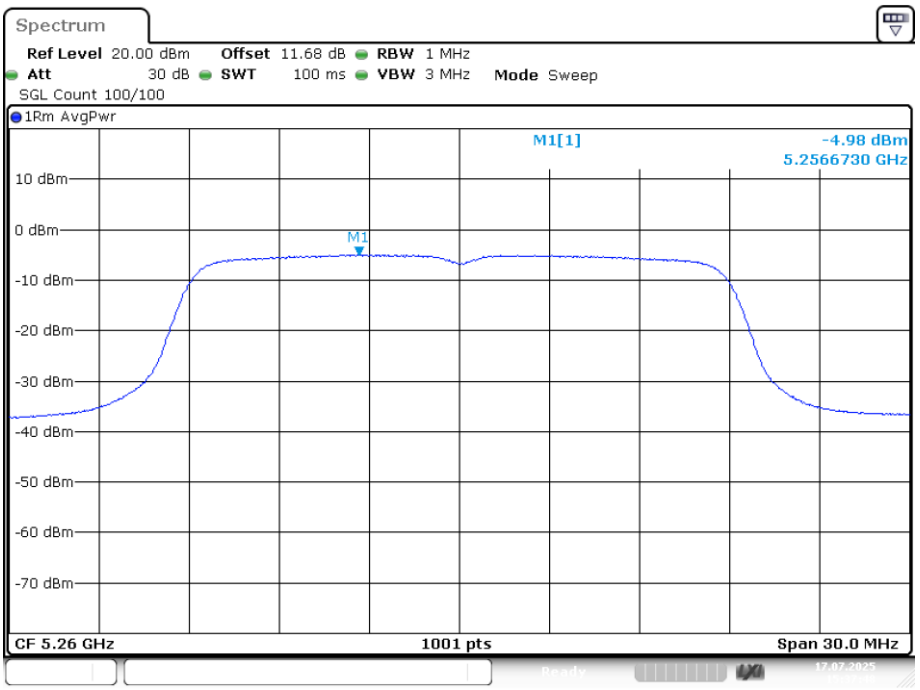
PSD NVNT ac20 5260MHz Ant1



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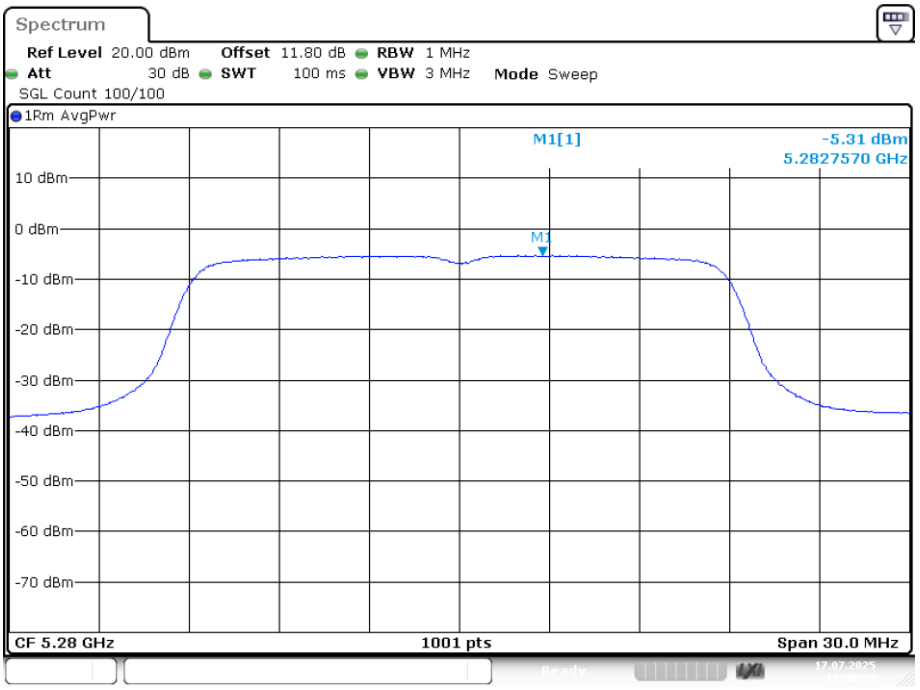

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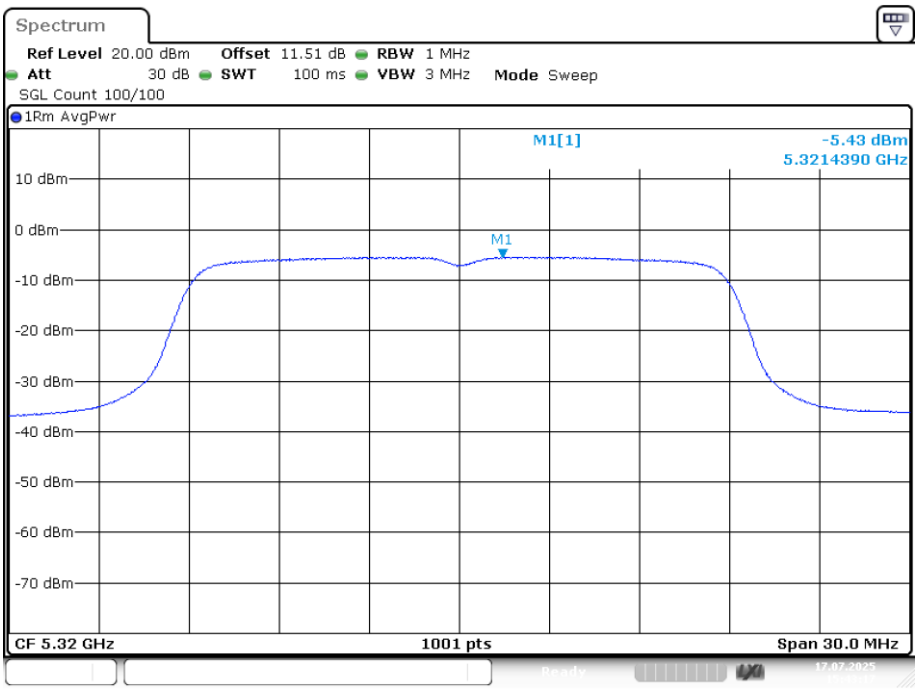

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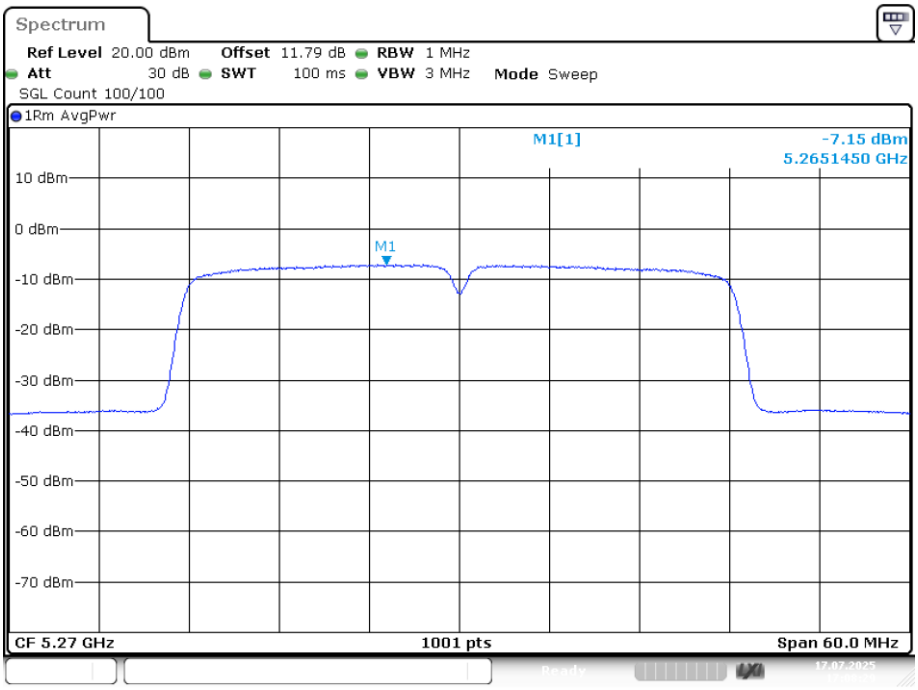
PSD NVNT ac40 5270MHz Ant1



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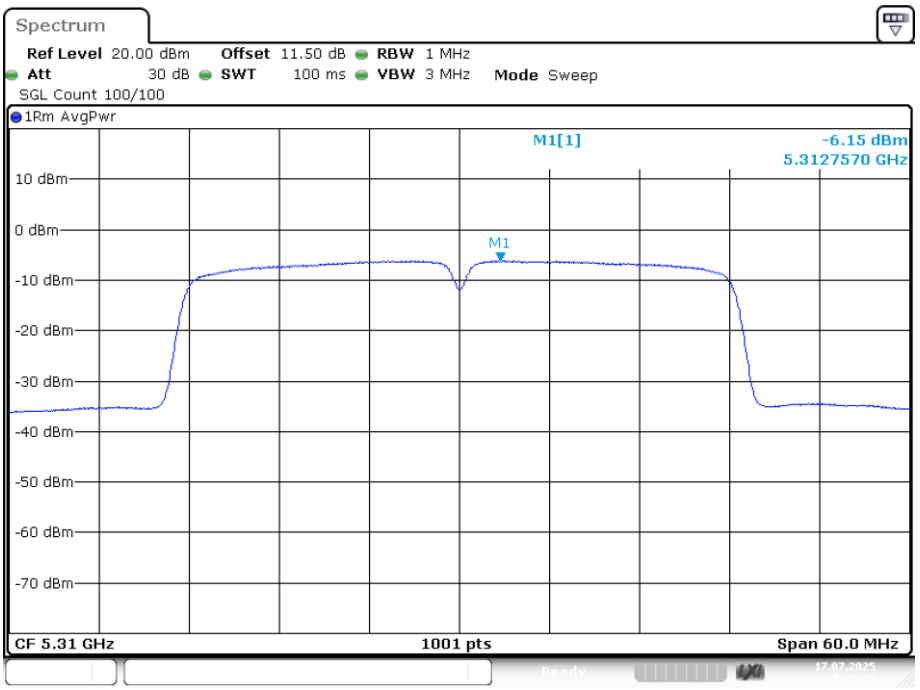
PSD NVNT ac40 5310MHz Ant1



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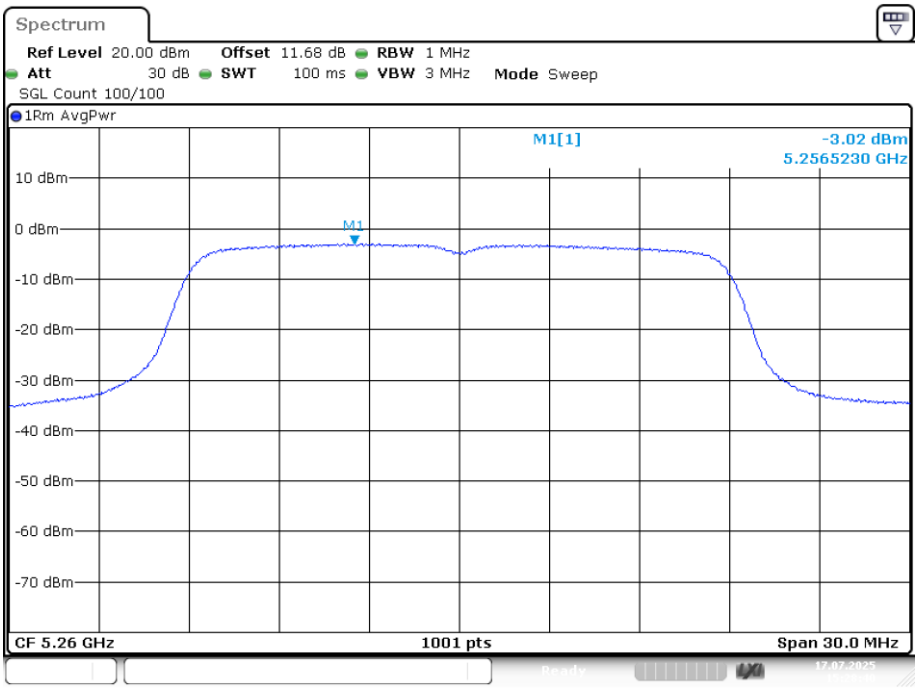
PSD NVNT n20 5260MHz Ant1



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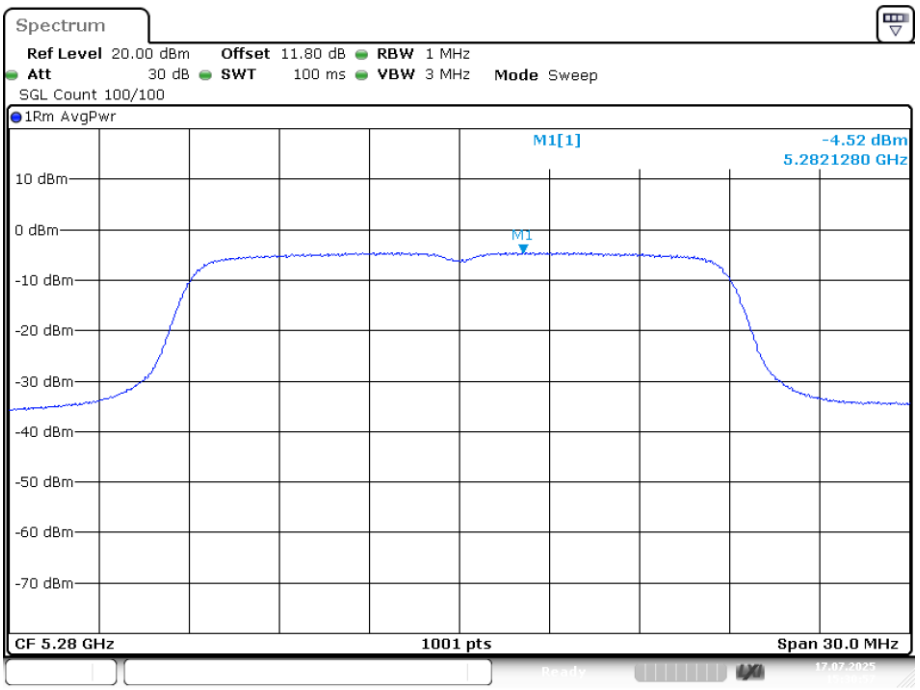

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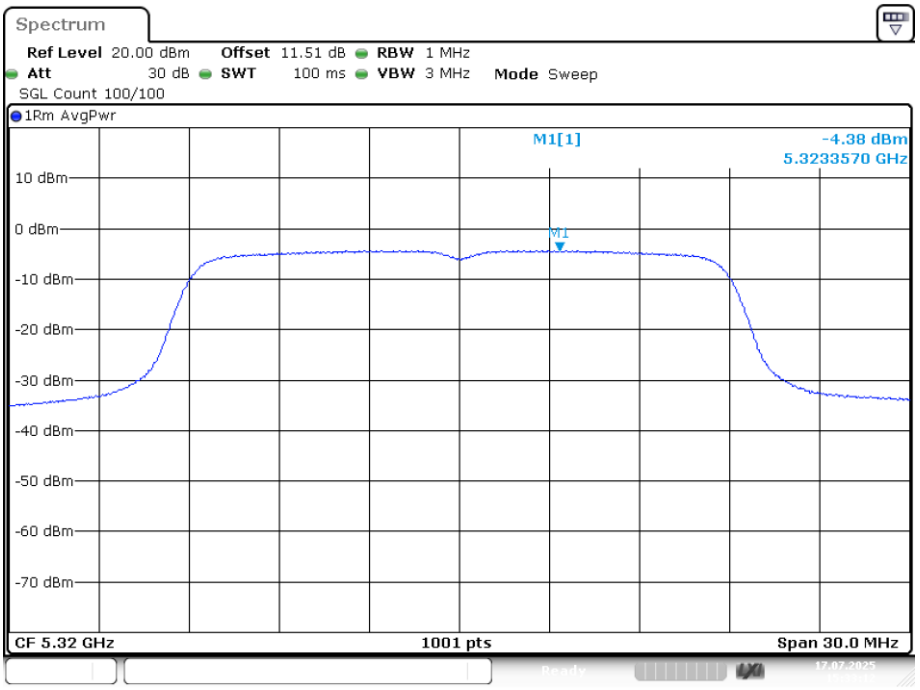

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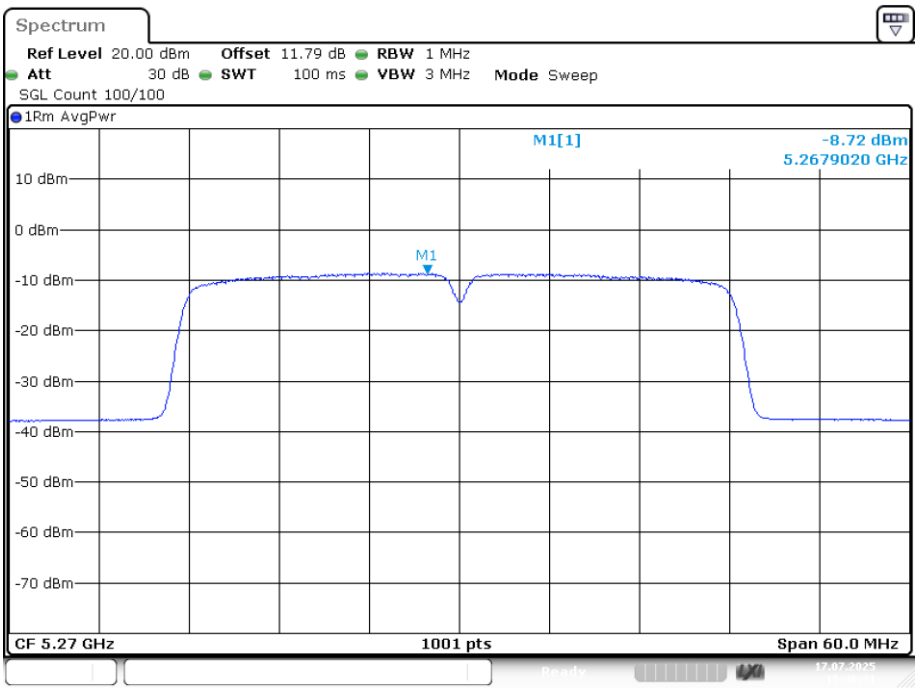
PSD NVNT n40 5270MHz Ant1



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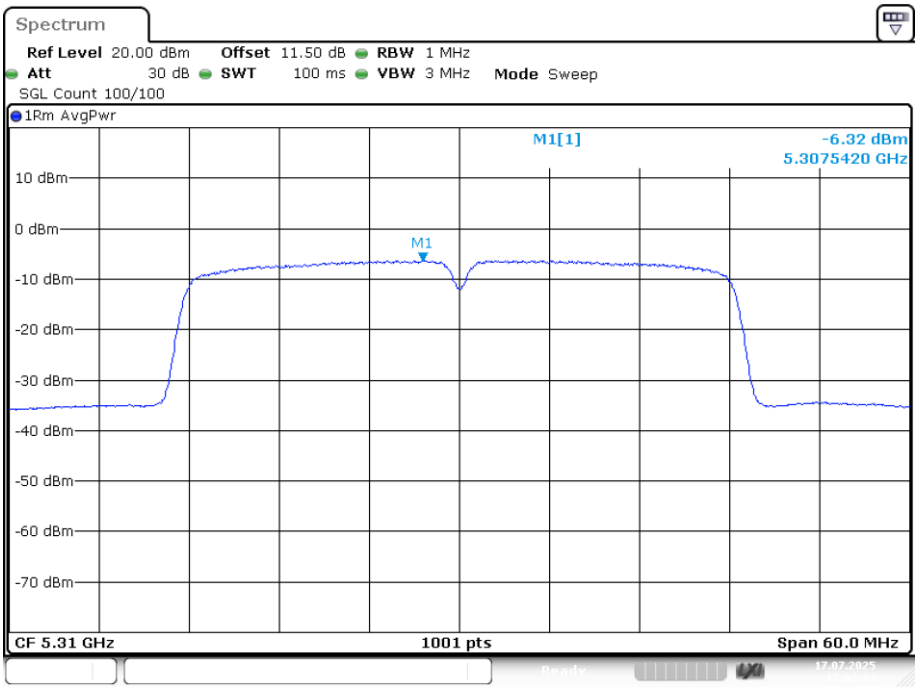
PSD NVNT n40 5310MHz Ant1



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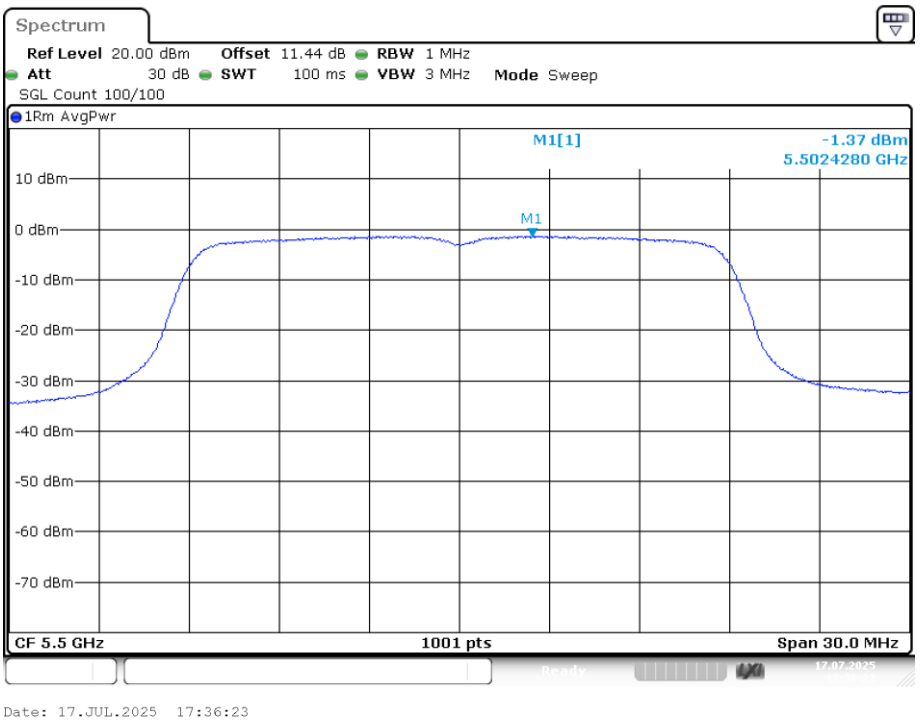
Band 3 (5470 – 5725 MHz)

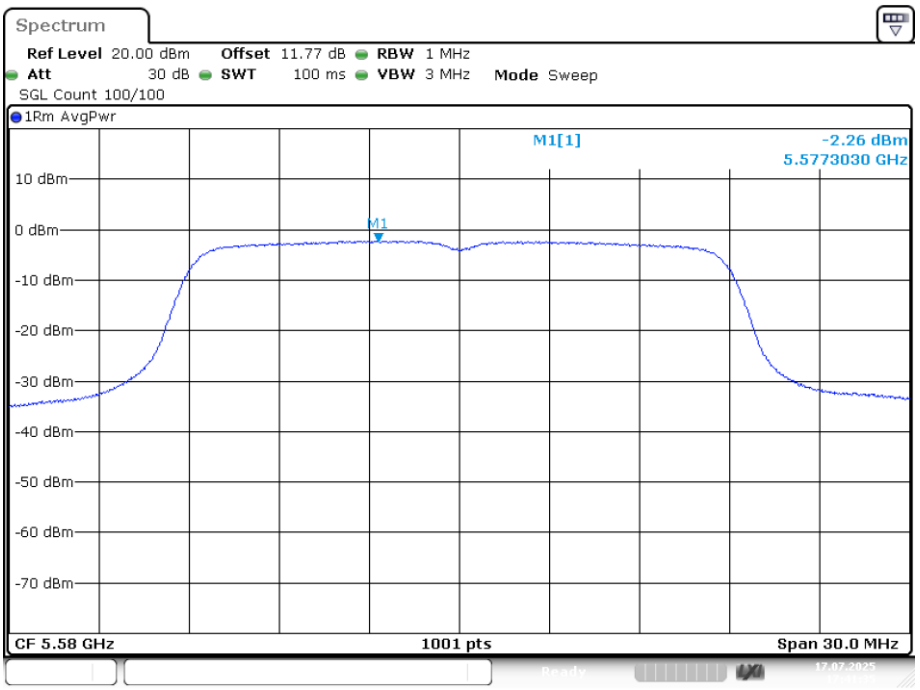
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD(dBm)	Duty Cycle Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-1.37	0.26	-1.11	11	Pass
NVNT	a	5580	Ant1	-2.262	0.26	-2.002	11	Pass
NVNT	a	5700	Ant1	-5.986	0.26	-5.726	11	Pass
NVNT	ac20	5500	Ant1	-1.158	0.26	-0.898	11	Pass
NVNT	ac20	5580	Ant1	-2.099	0.26	-1.839	11	Pass
NVNT	ac20	5700	Ant1	-5.693	0.26	-5.433	11	Pass
NVNT	ac40	5510	Ant1	-4.448	0.51	-3.938	11	Pass
NVNT	ac40	5670	Ant1	-6.18	0.52	-5.66	11	Pass
NVNT	n20	5500	Ant1	-1.745	0.26	-1.485	11	Pass
NVNT	n20	5580	Ant1	-1.967	0.26	-1.707	11	Pass
NVNT	n20	5700	Ant1	-4.901	0.26	-4.641	11	Pass
NVNT	n40	5510	Ant1	-5.085	0.52	-4.565	11	Pass
NVNT	n40	5670	Ant1	-5.836	0.52	-5.316	11	Pass

Note: 1. Total PSD= Conducted PSD+ Duty Cycle Factor,
2. Offset = Cable loss

PSD NVNT a 5500MHz Ant1



PSD NVNT a 5580MHz Ant1



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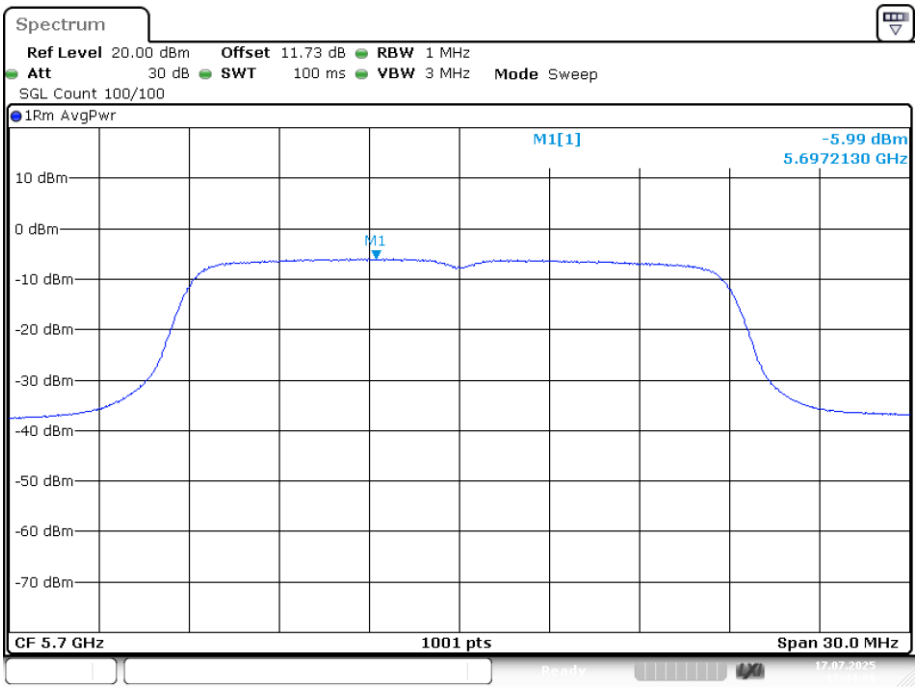
PSD NVNT a 5700MHz Ant1



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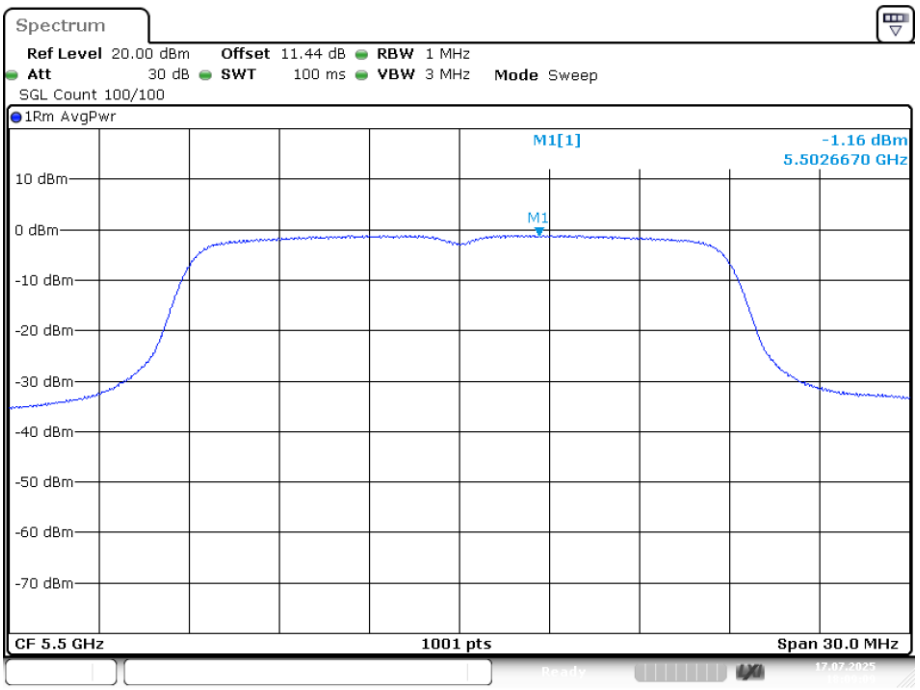
PSD NVNT ac20 5500MHz Ant1



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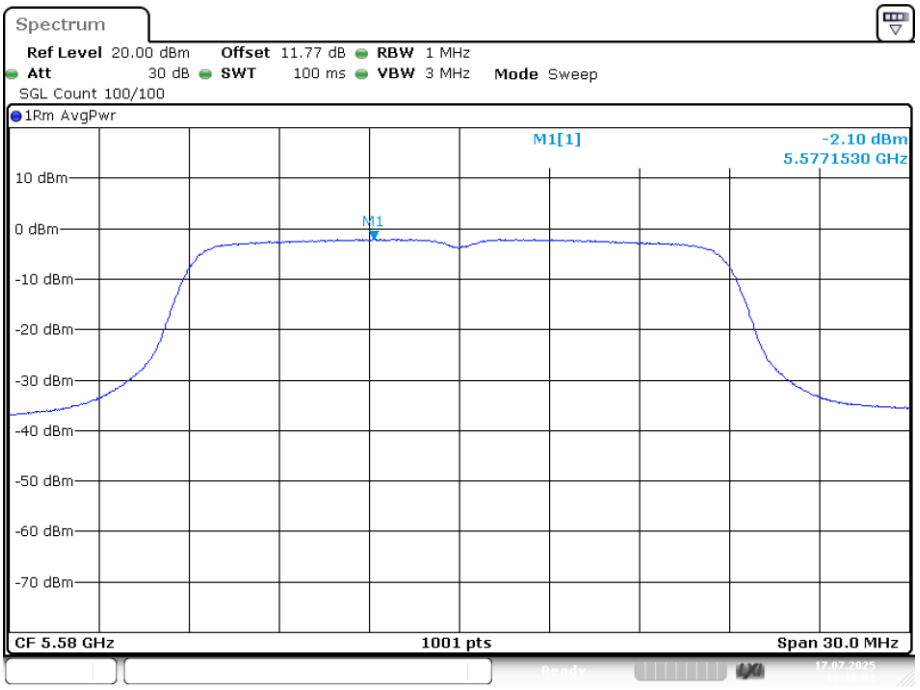
PSD NVNT ac20 5580MHz Ant1



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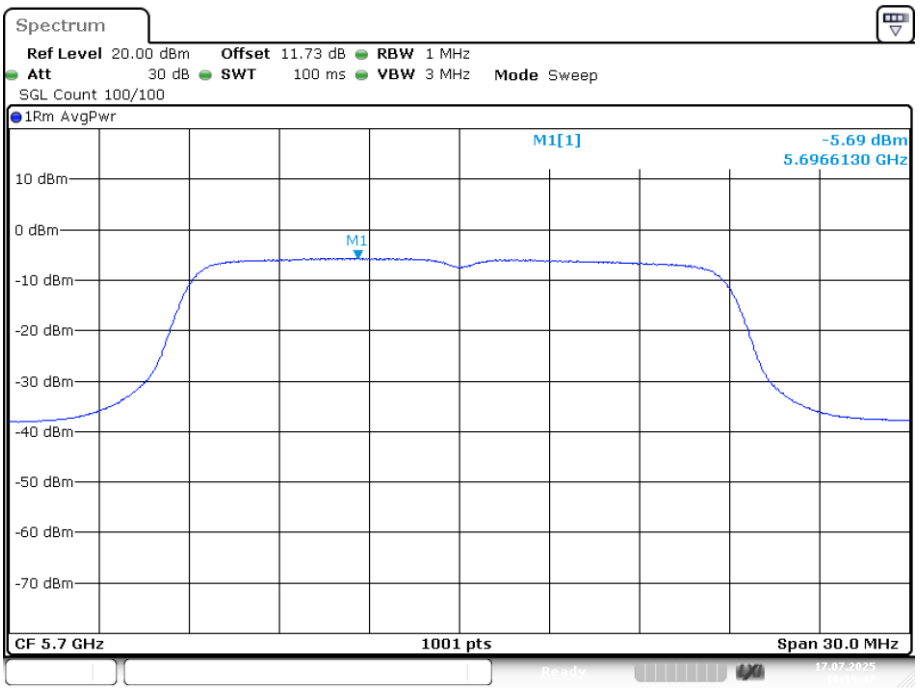

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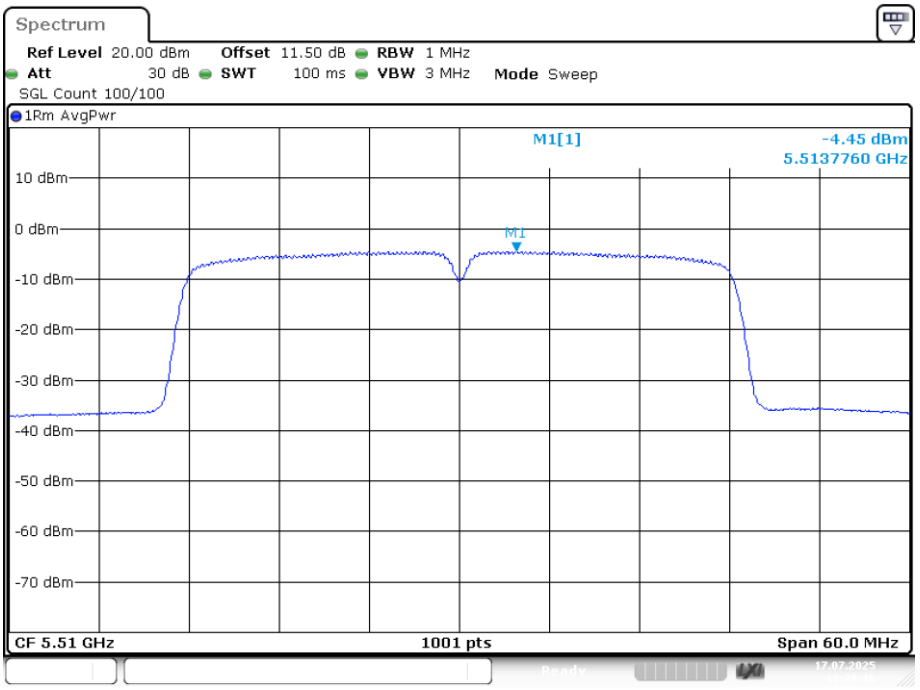
PSD NVNT ac40 5510MHz Ant1



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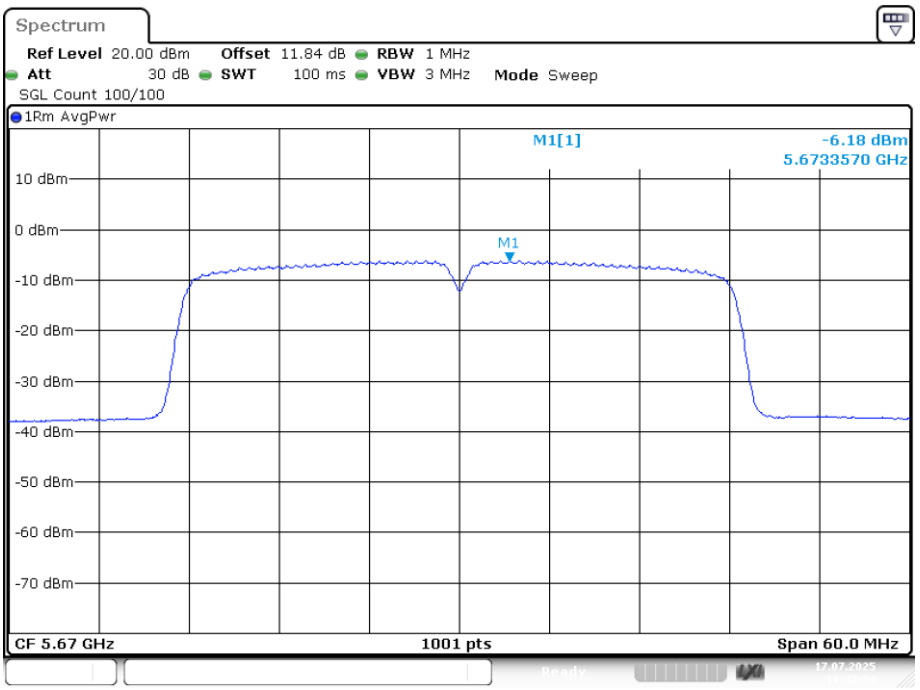
PSD NVNT ac40 5670MHz Ant1



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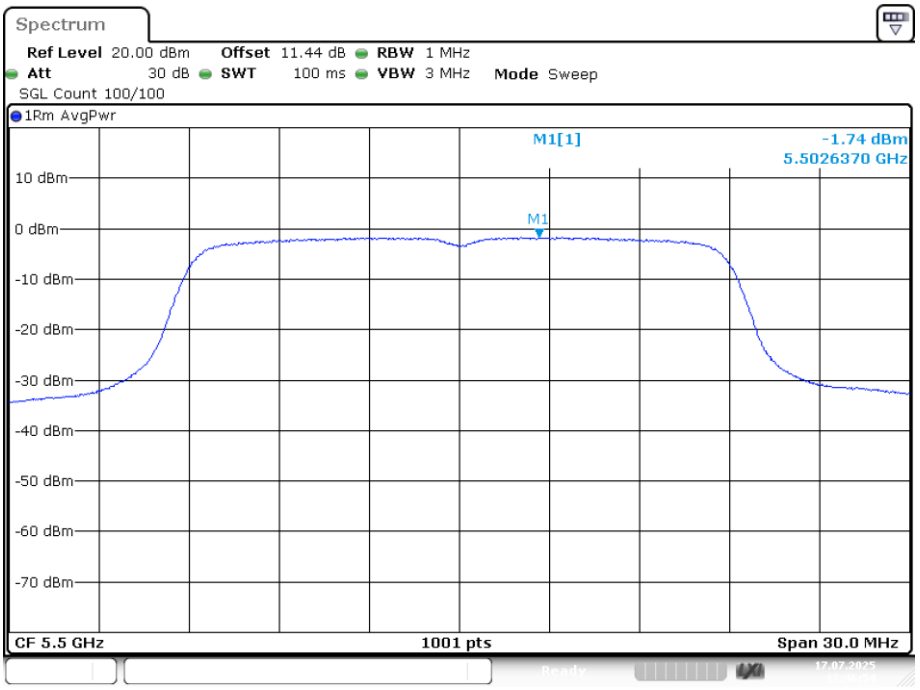

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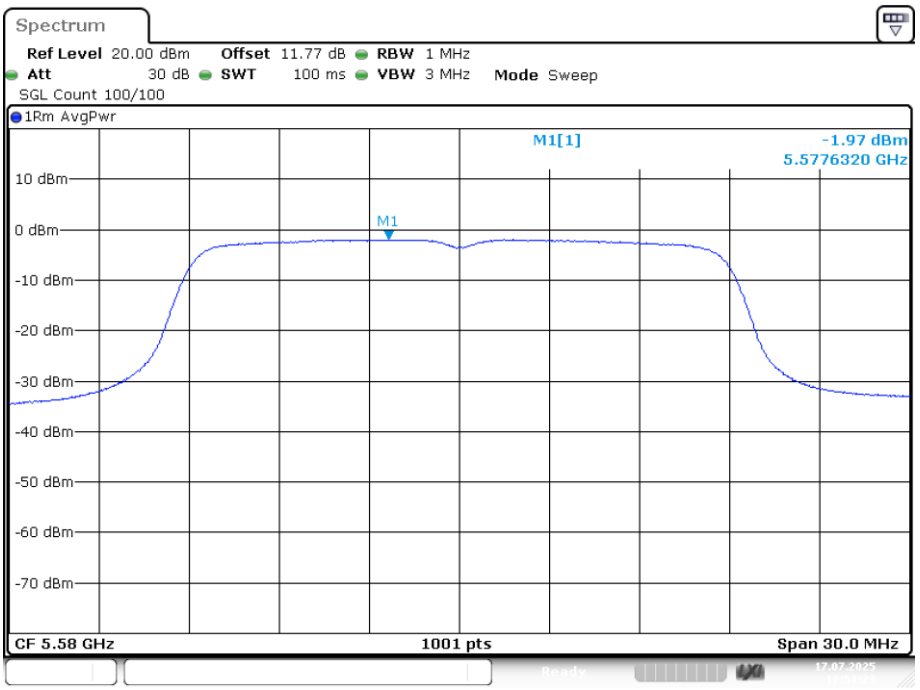

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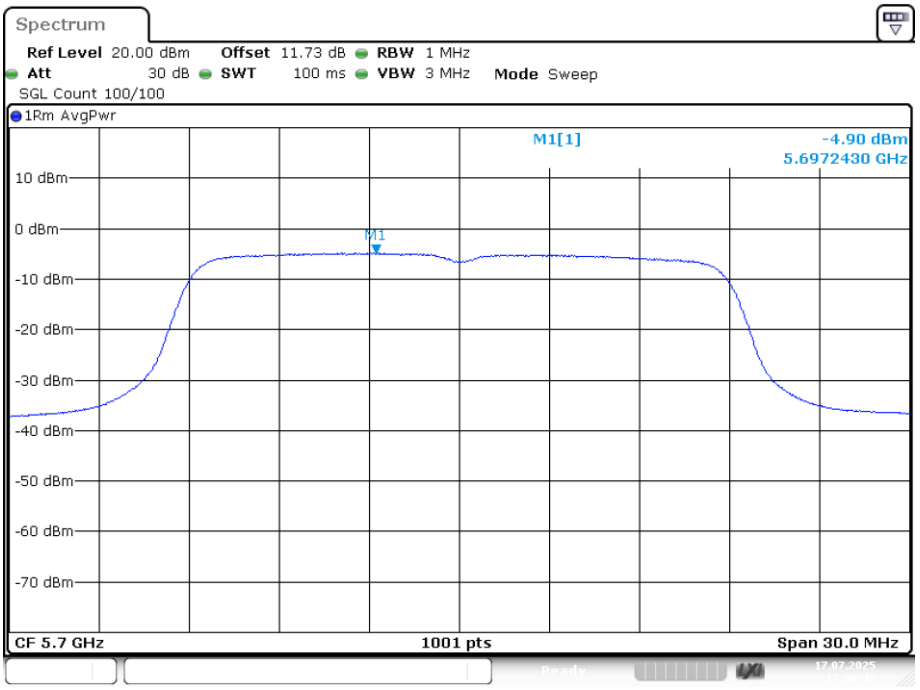

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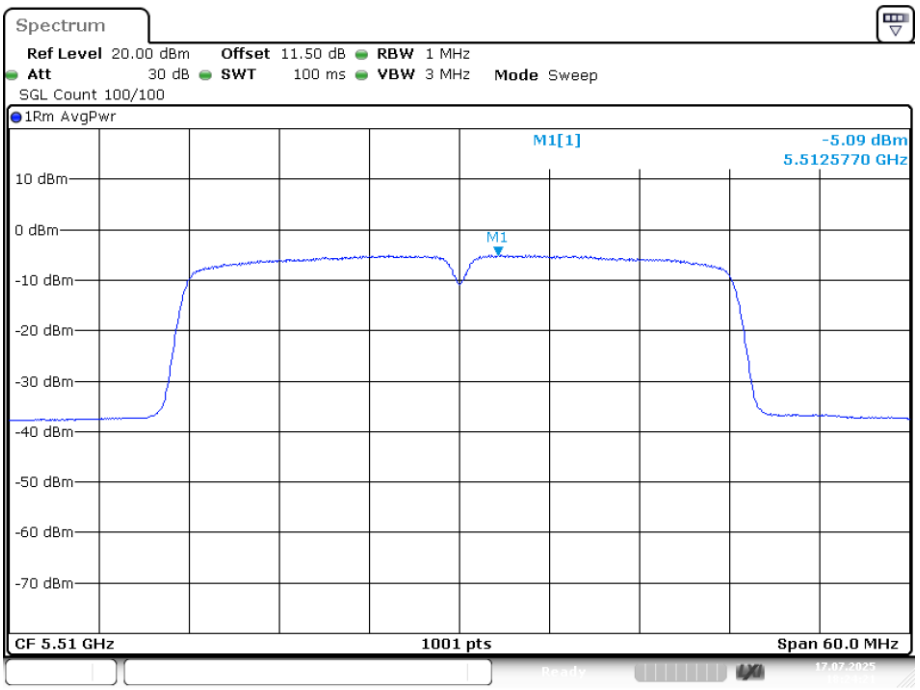
PSD NVNT n40 5510MHz Ant1



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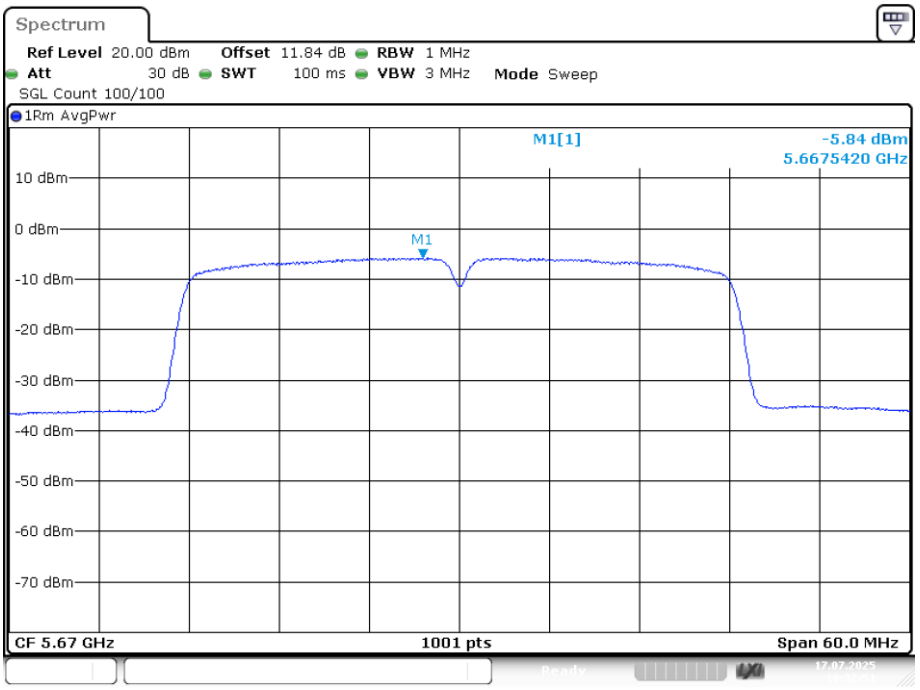
PSD NVNT n40 5670MHz Ant1



Date: 17.JUL.2025 18:32:51

4.7 Radiated Band Edge

<table>
<tr><td>Test Requirement:</td><td>15.205&15.209</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.
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<tr><td>Test setup:</td><td>Above 1GHz</td></tr>
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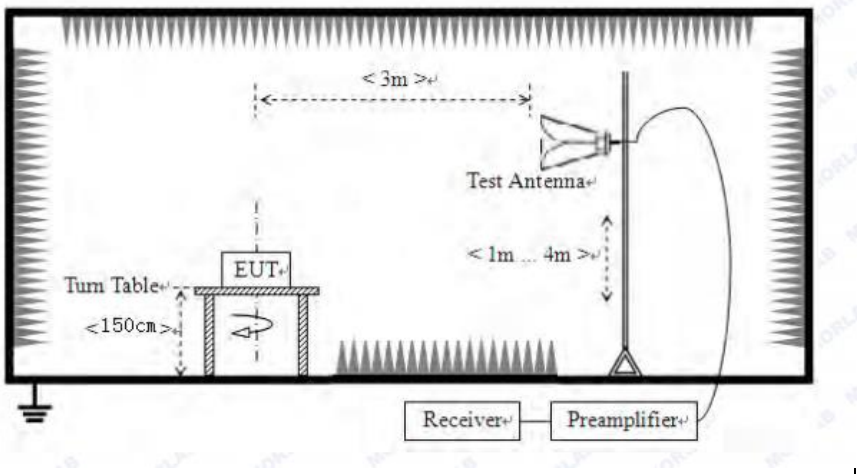
	
Test results:	Pass

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:

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	31.61	17.18	48.79	74.00	-25.21	PK
V	5150.00	34.33	17.18	51.51	74.00	-22.49	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	22.14	17.18	39.32	54.00	-14.68	AV
V	5150.00	24.87	17.18	42.05	54.00	-11.95	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	34.60	17.18	51.78	74.00	-22.22	PK
V	5350	34.83	17.18	52.01	74.00	-21.99	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	23.56	17.18	40.74	54.00	-13.26	AV
V	5350.00	23.95	17.18	41.13	54.00	-12.87	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	33.09	17.18	50.27	74.00	-23.73	PK
V	5150.00	34.87	17.18	52.05	74.00	-21.95	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	24.33	17.18	41.51	54.00	-12.49	AV
V	5150.00	27.22	17.18	44.40	54.00	-9.60	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	31.60	17.18	48.78	74.00	-25.22	PK
V	5350.00	34.83	17.18	52.01	74.00	-21.99	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	24.56	17.18	41.74	54.00	-12.26	AV
V	5350.00	23.58	17.18	40.76	54.00	-13.24	AV

Mode:		802.11ac(VHT20)		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	34.59	17.18	51.77	74.00	-22.23	PK
V	5150.00	35.17	17.18	52.35	74.00	-21.65	PK

Mode:		802.11ac(VHT20)		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	24.36	17.18	41.54	54.00	-12.46	AV
V	5150.00	25.11	17.18	42.29	54.00	-11.71	AV

Mode:		802.11ac(VHT20)		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	31.88	17.18	49.06	74.00	-24.94	PK
V	5350.00	32.45	17.18	49.63	74.00	-24.37	PK

Mode:		802.11ac(VHT20)		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	23.78	17.18	40.96	54.00	-13.04	AV
V	5350.00	26.01	17.18	43.19	54.00	-10.81	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	34.72	17.18	51.90	74.00	-22.10	PK
V	5150.00	33.35	17.18	50.53	74.00	-23.47	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	21.70	17.18	38.88	54.00	-15.12	AV
V	5150.00	24.20	17.18	41.38	54.00	-12.62	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	33.34	17.18	50.52	74.00	-23.48	PK
V	5350.00	35.27	17.18	52.45	74.00	-21.55	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	22.07	17.18	39.25	54.00	-14.75	AV
V	5350.00	24.10	17.18	41.28	54.00	-12.72	AV

Mode:		802.11ac(VHT40)		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	31.25	17.18	48.43	74.00	-25.57	PK
V	5150.00	34.13	17.18	51.31	74.00	-22.69	PK
Mode:		802.11ac(VHT40)		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	22.89	17.18	40.07	54.00	-13.93	AV
V	5150.00	26.71	17.18	43.89	54.00	-10.11	AV
Mode:		802.11ac(VHT40)		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	32.64	17.18	49.82	74.00	-24.18	PK
V	5350.00	33.70	17.18	50.88	74.00	-23.12	PK
Mode:		802.11ac(VHT40)		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	22.39	17.18	39.57	54.00	-14.43	AV
V	5350.00	25.56	17.18	42.74	54.00	-11.26	AV

Band 3

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	34.13	17.20	51.33	68.20	-16.87	PK
V	5470.00	31.73	17.20	48.93	68.20	-19.27	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	28.25	17.20	45.45	54.00	-8.55	AV
V	5470.00	25.34	17.20	42.54	54.00	-11.46	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	34.99	17.20	52.19	68.20	-16.01	PK
V	5725.00	34.38	17.20	51.58	68.20	-16.62	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	27.25	17.20	44.45	54.00	-9.55	AV
V	5725.00	24.12	17.20	41.32	54.00	-12.68	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	35.44	17.20	52.64	68.20	-15.56	PK
V	5470.00	31.33	17.20	48.53	68.20	-19.67	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	30.36	17.20	47.56	54.00	-6.44	AV
V	5470.00	22.94	17.20	40.14	54.00	-13.86	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	34.02	17.20	51.22	68.20	-16.98	PK
V	5725.00	32.35	17.20	49.55	68.20	-18.65	PK

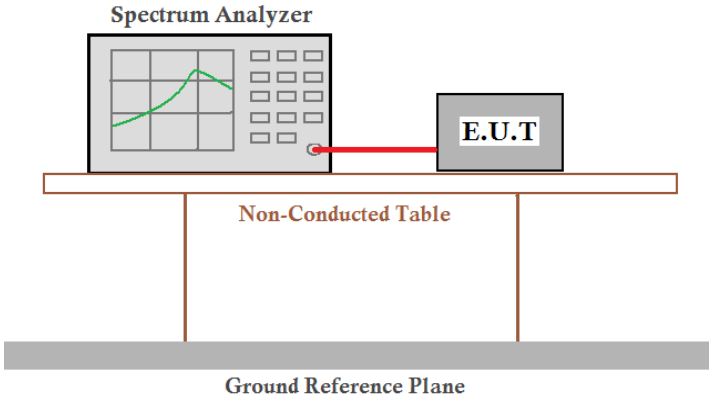
Mode:		802.11n(HT20)		Frequency:		5700MHz	
Antenna Pol.	Frequency (MHz)	Reading Level (dBuV)	Factor (dB/m)	Measure Level (dBuV/m)	Limit (dBuV/m)	Over limit(dB)	Detector
H	5725.00	28.91	17.20	46.11	54.00	-7.89	AV
V	5725.00	22.59	17.20	39.79	54.00	-14.21	AV

Mode:		802.11ac(VHT20)		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	36.61	17.20	53.81	68.20	-14.39	PK
V	5470.00	34.05	17.20	51.25	68.20	-16.95	PK
Mode:		802.11ac(VHT20)		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	30.53	17.20	47.73	54.00	-6.27	AV
V	5470.00	25.21	17.20	42.41	54.00	-11.59	AV
Mode:		802.11ac(VHT20)		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	33.59	17.20	50.79	68.20	-17.41	PK
V	5725.00	31.61	17.20	48.81	68.20	-19.39	PK
Mode:		802.11ac(VHT20)		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	26.56	17.20	43.76	54.00	-10.24	AV
V	5725.00	24.48	17.20	41.68	54.00	-12.32	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	35.65	17.20	52.85	68.20	-15.35	PK
V	5470.00	34.30	17.20	51.50	68.20	-16.70	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	28.24	17.20	45.44	54.00	-8.56	AV
V	5470.00	25.32	17.20	42.52	54.00	-11.48	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	34.96	17.20	52.16	68.20	-16.04	PK
V	5725.00	32.24	17.20	49.44	68.20	-18.76	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	28.62	17.20	45.82	54.00	-8.18	AV
V	5725.00	25.55	17.20	42.75	54.00	-11.25	AV

Mode:		802.11ac(VHT40)		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	34.34	17.20	51.54	68.20	-16.66	PK
V	5470.00	31.01	17.20	48.21	68.20	-19.99	PK
Mode:		802.11ac(VHT40)		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	30.38	17.20	47.58	54.00	-6.42	AV
V	5470.00	25.18	17.20	42.38	54.00	-11.62	AV
Mode:		802.11ac(VHT40)		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	35.28	17.20	52.48	68.20	-15.72	PK
V	5725.00	33.57	17.20	50.77	68.20	-17.43	PK
Mode:		802.11ac(VHT40)		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	26.81	17.20	44.01	54.00	-9.99	AV
V	5725.00	24.13	17.20	41.33	54.00	-12.67	AV

4.8 Conducted Band Edge

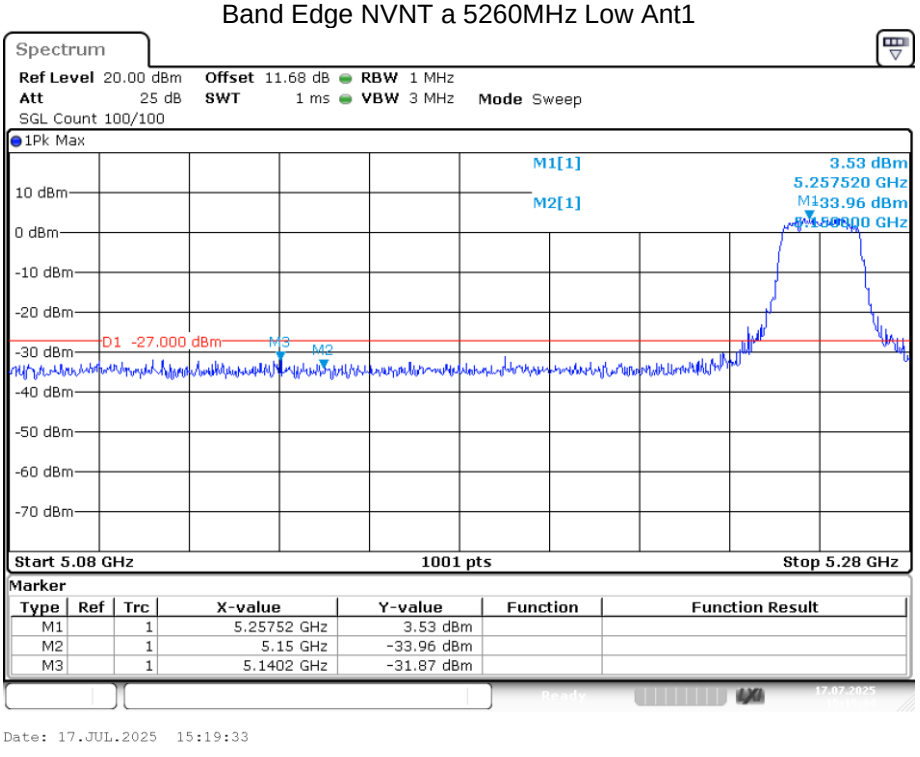
Test Requirement:	FCC Part15 E Section 15.407
Test Method:	KDB 789033 D02 General UNII Test Procedures New Rules v02r01
Limit:	1. For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz. 2. For transmitters operating solely in the 5.725-5.850 GHz band: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
Test setup:	
Test procedure:	The procedure for peak unwanted emissions measurements above 1000 MHz is as follows: a) Peak emission levels are measured by setting the instrument as follows: 1) RBW = 1 MHz. 2) VBW ≥ [3 × RBW]. 3) Detector = peak. 4) Sweep time = auto. 5) Trace mode = max hold. 6) Allow sweeps to continue until the trace stabilizes.
Test results:	Pass

Band 2

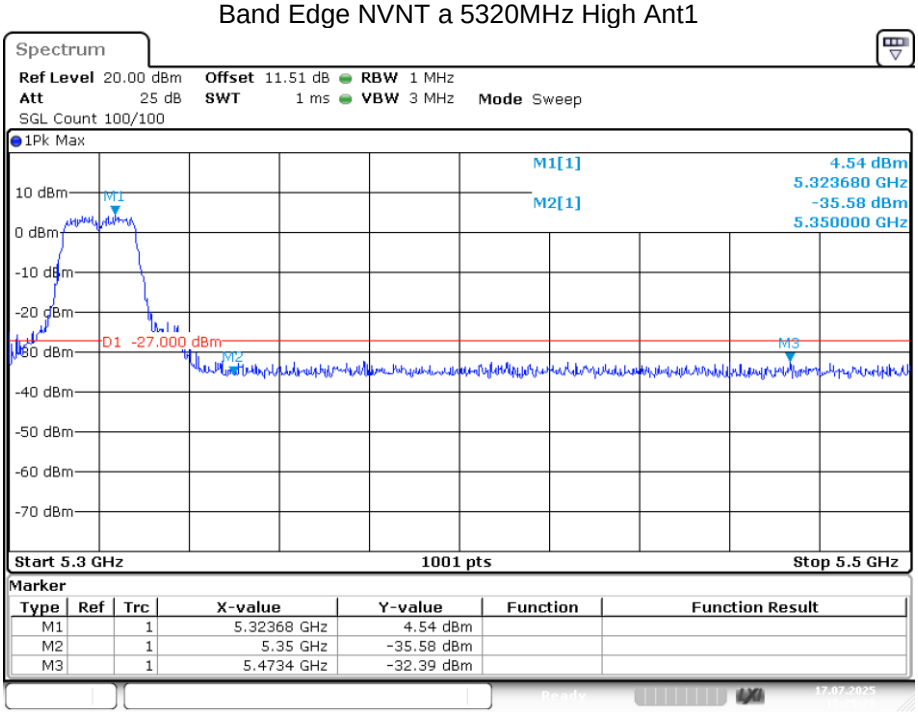
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-31.87	-27	Pass
NVNT	a	5320	Ant1	-32.39	-27	Pass
NVNT	ac20	5260	Ant1	-32.34	-27	Pass
NVNT	ac20	5320	Ant1	-31.79	-27	Pass
NVNT	ac40	5270	Ant1	-32.04	-27	Pass
NVNT	ac40	5310	Ant1	-29.03	-27	Pass
NVNT	n20	5260	Ant1	-31.23	-27	Pass
NVNT	n20	5320	Ant1	-31.51	-27	Pass
NVNT	n40	5270	Ant1	-32.34	-27	Pass
NVNT	n40	5310	Ant1	-29.03	-27	Pass

Note: The margin is at least greater than the antenna gain plus the cable loss.

Band Edge NVNT a 5260MHz Low Ant1

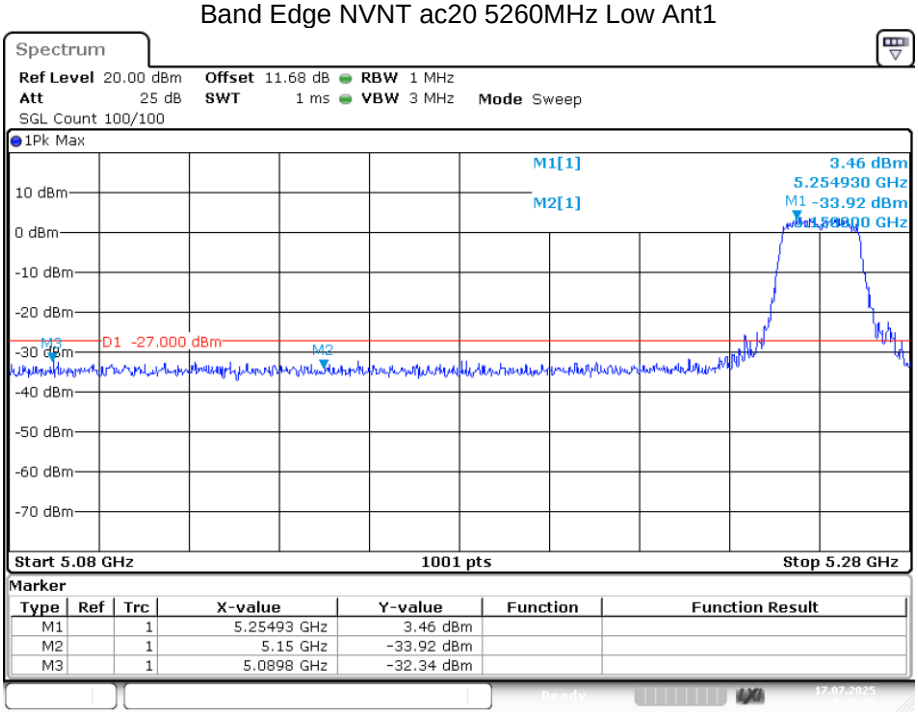


Band Edge NVNT a 5320MHz High Ant1



Date: 17.JUL.2025 15:25:28

Band Edge NVNT ac20 5260MHz Low Ant1



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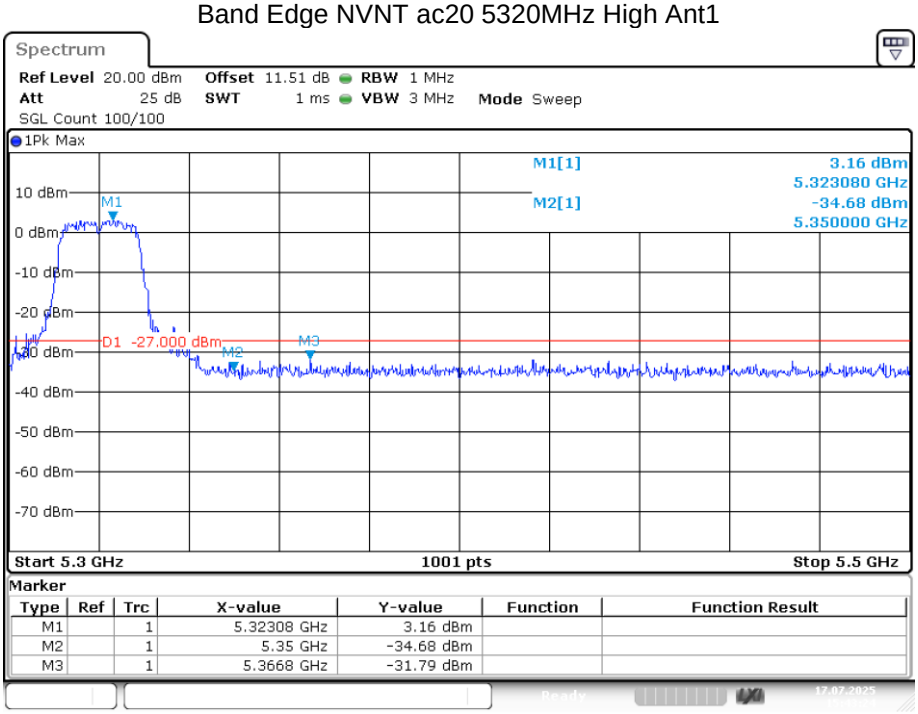
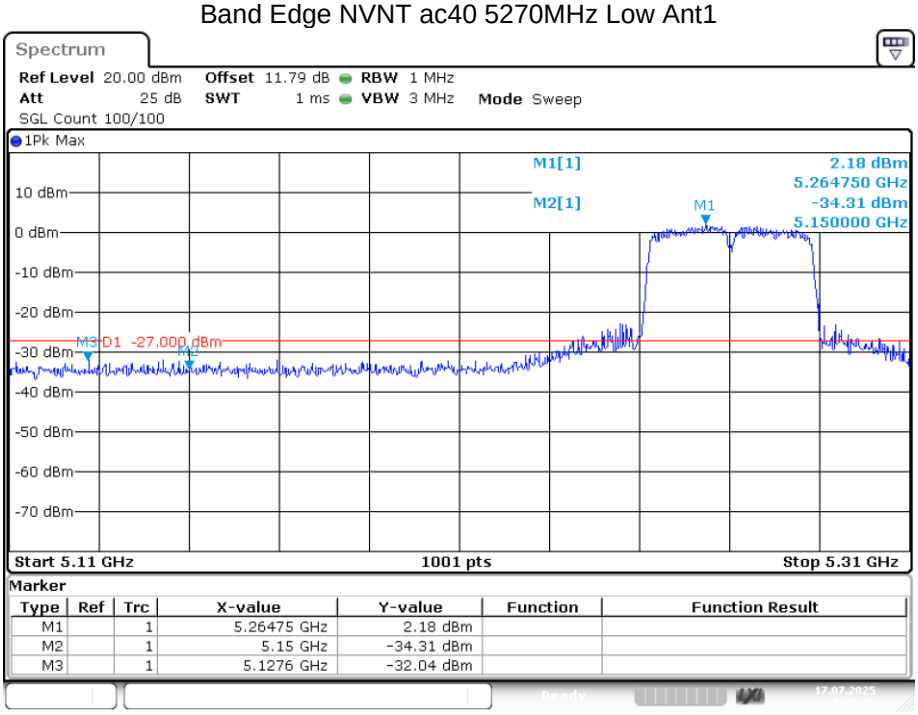
Band Edge NVNT ac20 5320MHz High Ant1



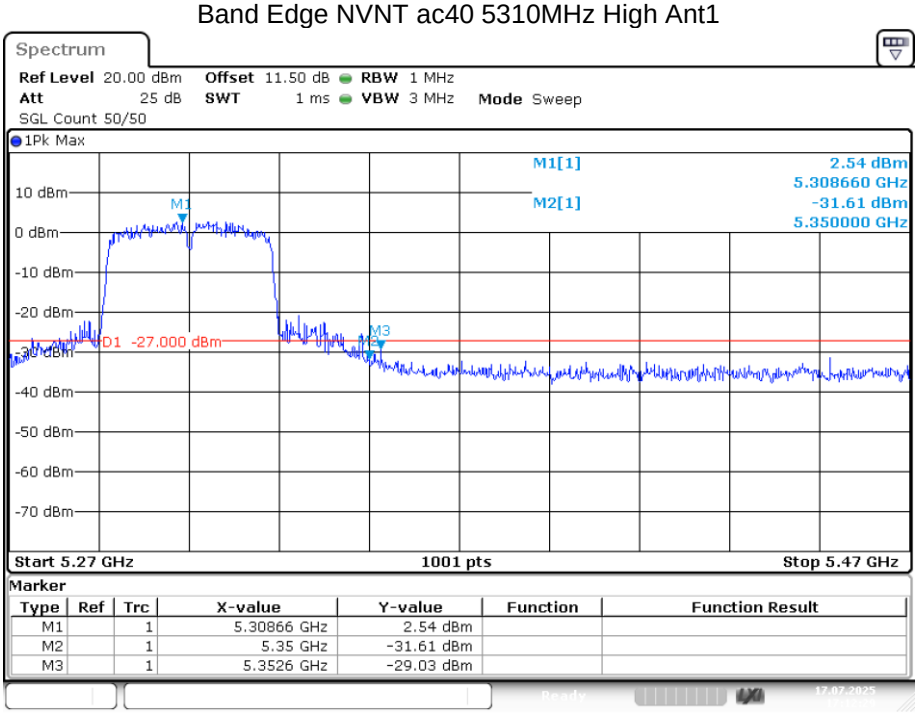
Date: 17.JUL.2025 15:43:24

Band Edge NVNT ac40 5270MHz Low Ant1



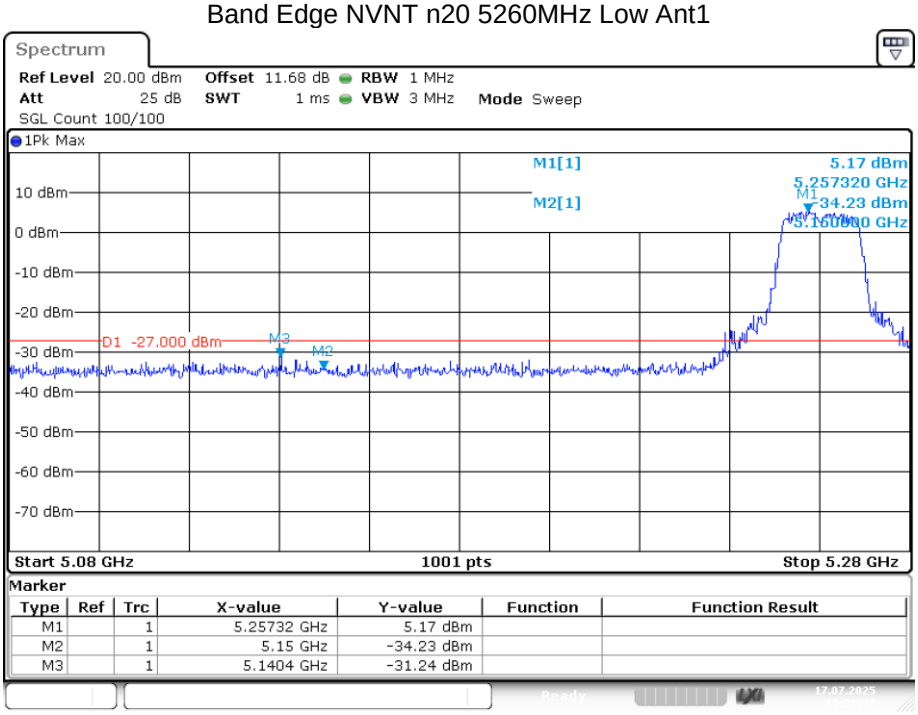
Date: 17.JUL.2025 17:08:36

Band Edge NVNT ac40 5310MHz High Ant1



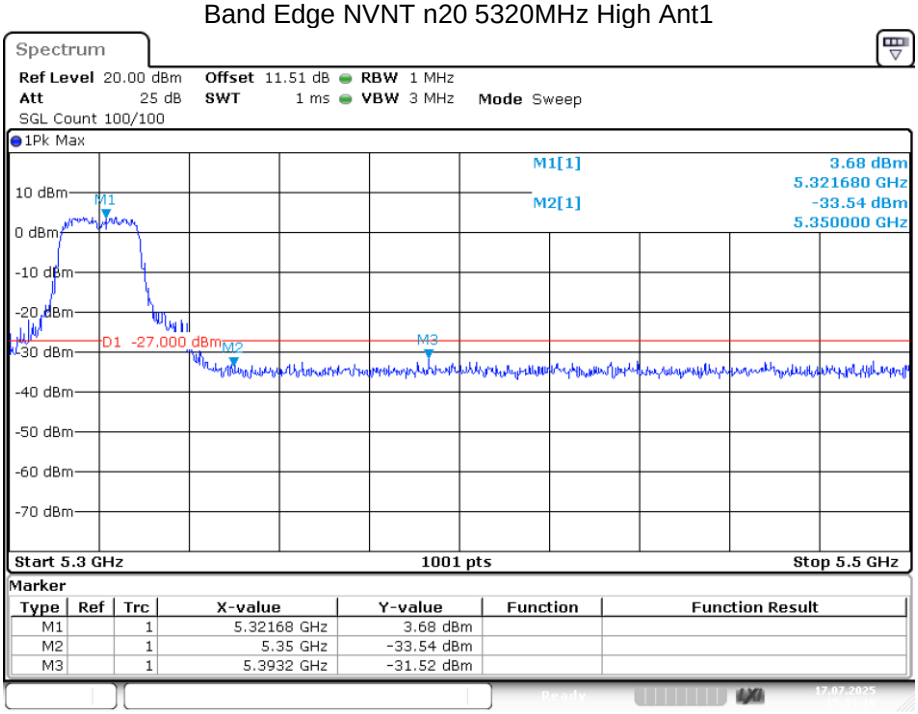
Date: 17.JUL.2025 17:12:28

Band Edge NVNT n20 5260MHz Low Ant1



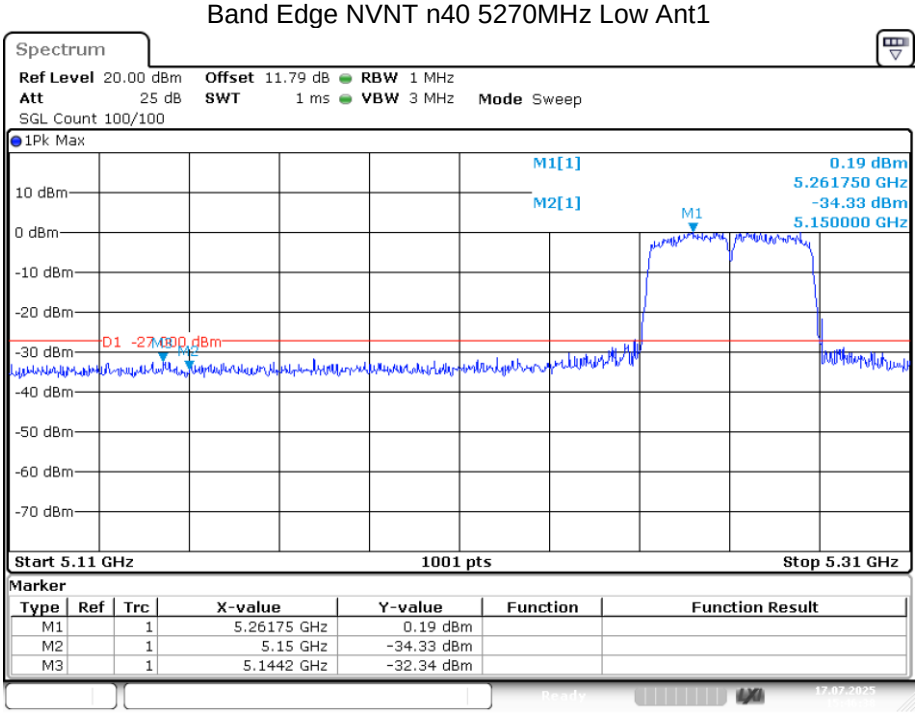
Date: 17.JUL.2025 15:28:47

Band Edge NVNT n20 5320MHz High Ant1



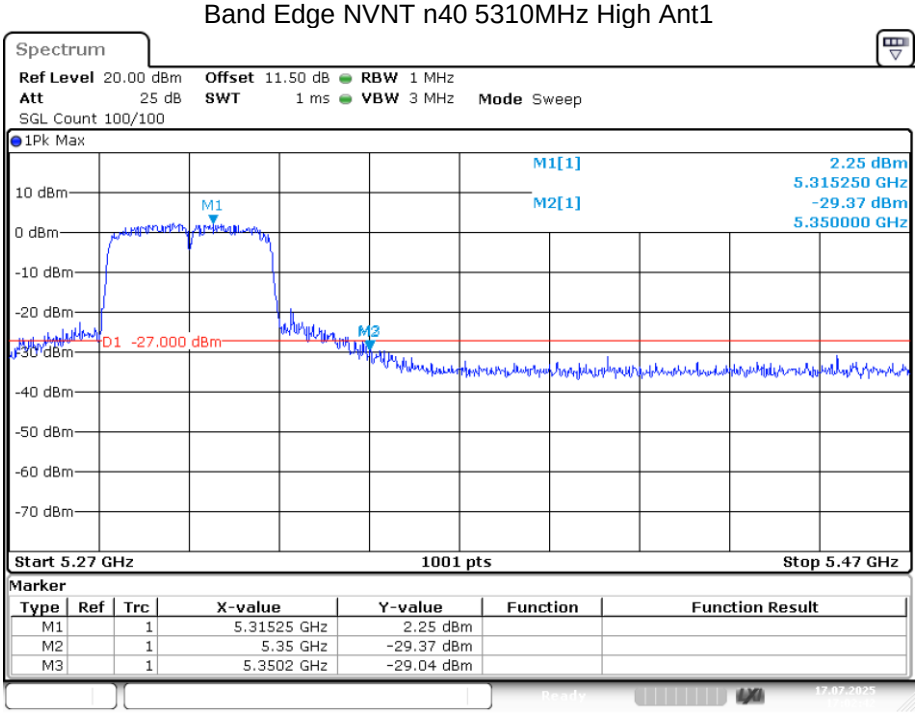
Date: 17.JUL.2025 15:33:18

Band Edge NVNT n40 5270MHz Low Ant1



Date: 17.JUL.2025 15:46:38

Band Edge NVNT n40 5310MHz High Ant1



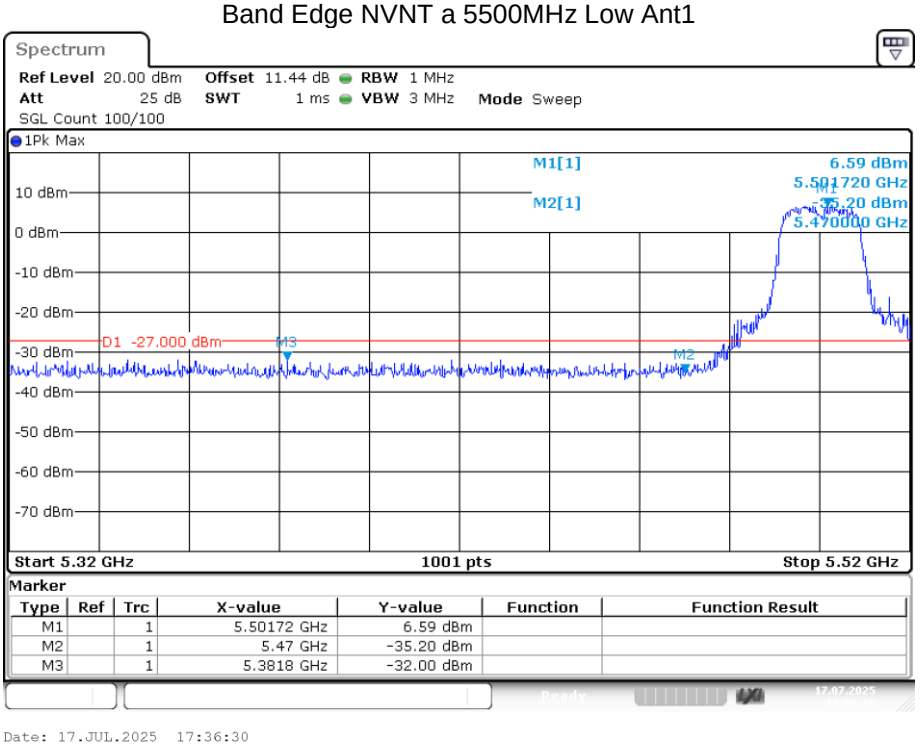
Date: 17.JUL.2025 17:02:42

Band3

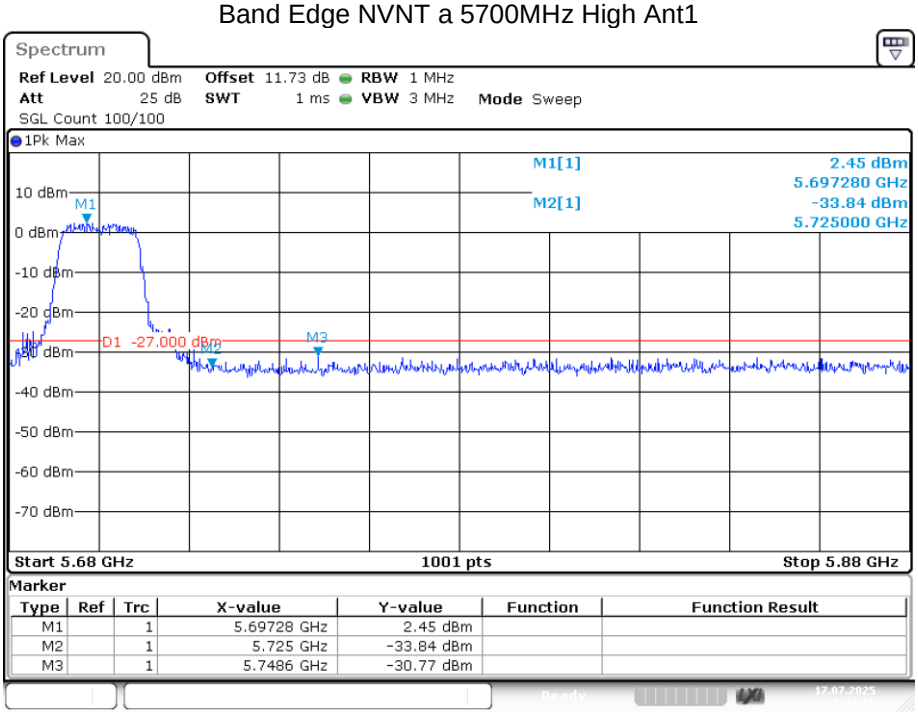
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5500	Ant1	-31.99	-27	Pass
NVNT	a	5700	Ant1	-30.77	-27	Pass
NVNT	ac20	5500	Ant1	-31.5	-27	Pass
NVNT	ac20	5700	Ant1	-30.98	-27	Pass
NVNT	ac40	5510	Ant1	-29.6	-27	Pass
NVNT	ac40	5670	Ant1	-30.84	-27	Pass
NVNT	n20	5500	Ant1	-31.92	-27	Pass
NVNT	n20	5700	Ant1	-30.91	-27	Pass
NVNT	n40	5510	Ant1	-29.39	-27	Pass
NVNT	n40	5670	Ant1	-31.13	-27	Pass

Note: The margin is at least greater than the antenna gain plus the cable loss.

Band Edge NVNT a 5500MHz Low Ant1



Band Edge NVNT a 5700MHz High Ant1



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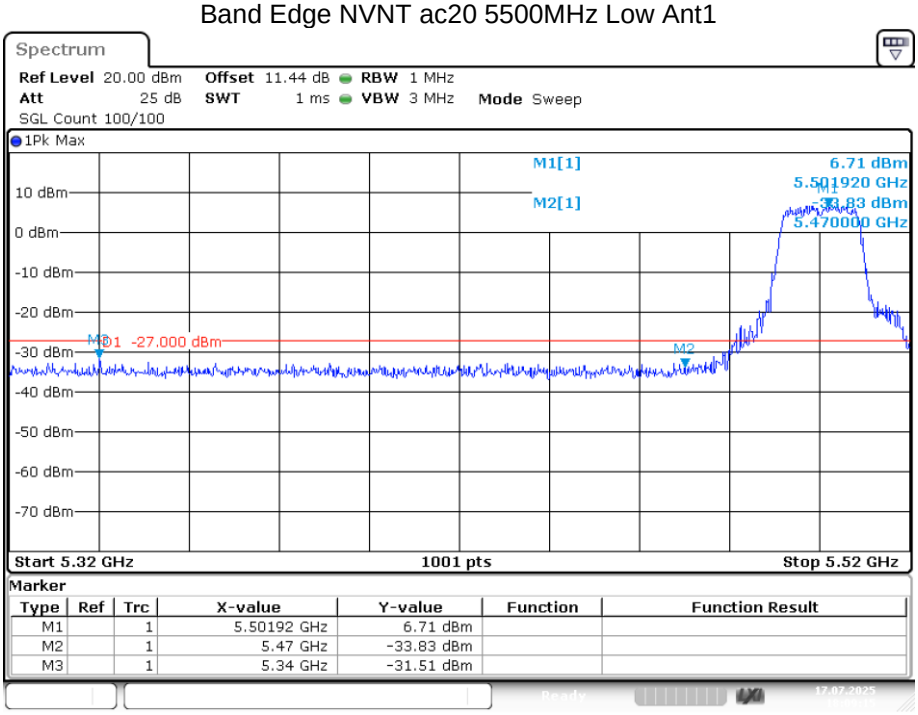
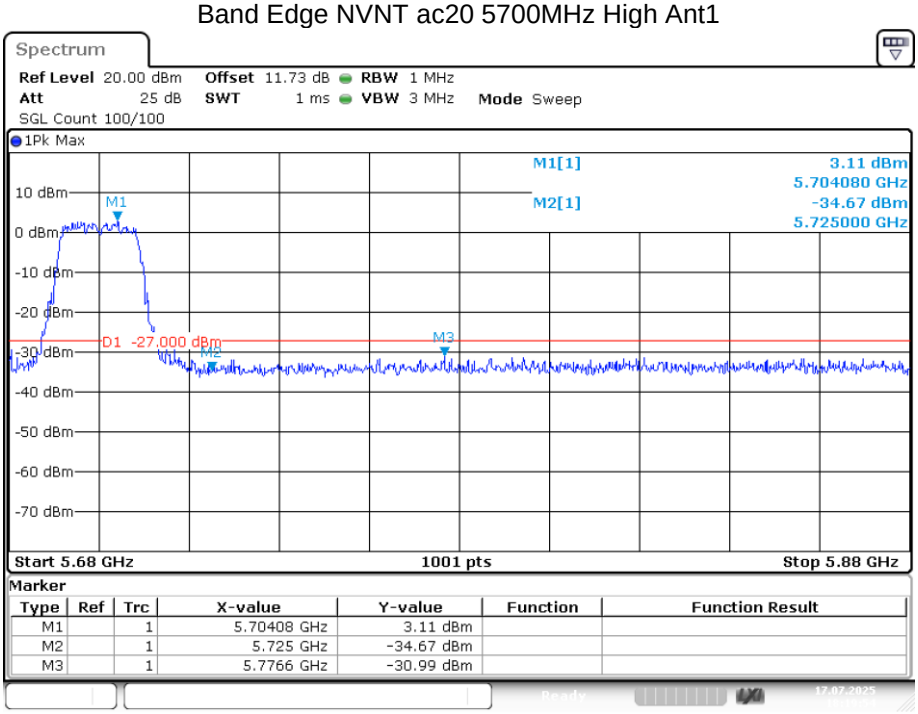
Band Edge NVNT ac20 5500MHz Low Ant1



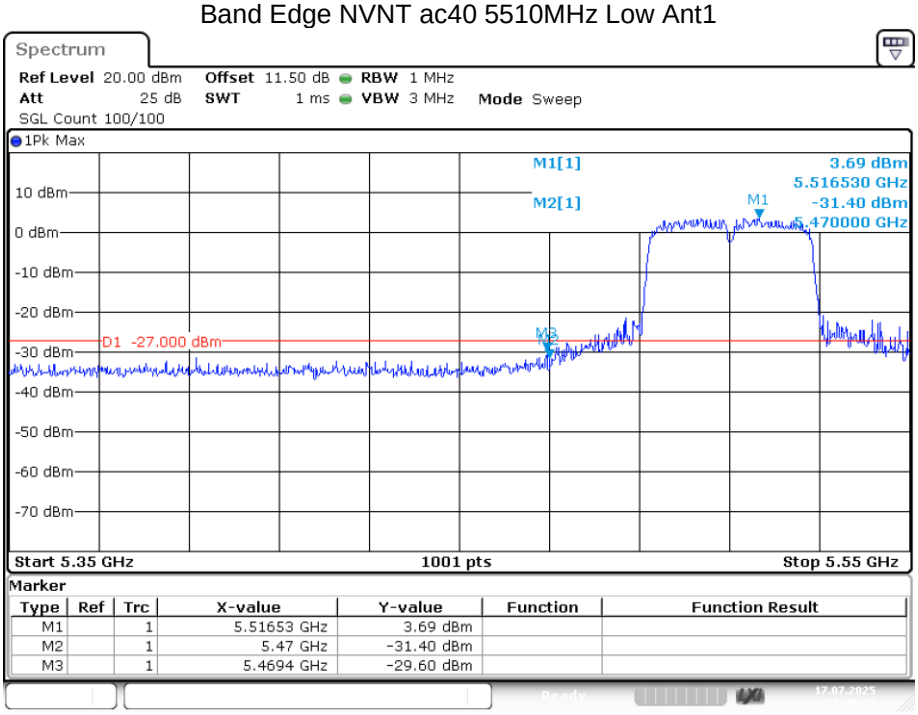
Date: 17.JUL.2025 18:09:15

Band Edge NVNT ac20 5700MHz High Ant1



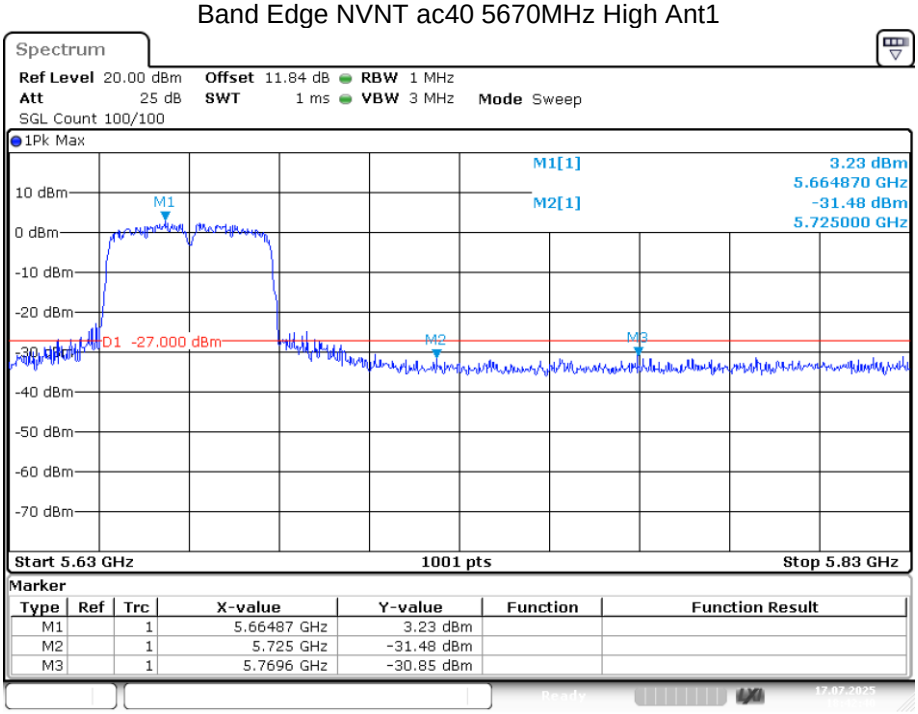
Date: 17.JUL.2025 18:19:54

Band Edge NVNT ac40 5510MHz Low Ant1



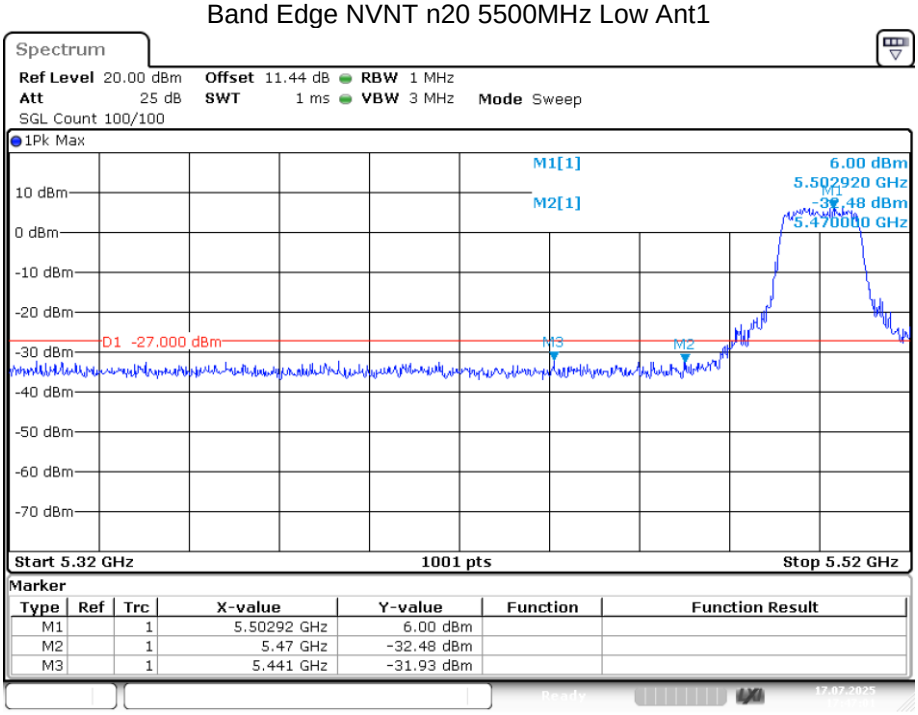
Date: 17.JUL.2025 18:39:22

Band Edge NVNT ac40 5670MHz High Ant1



Date: 17.JUL.2025 18:42:40

Band Edge NVNT n20 5500MHz Low Ant1



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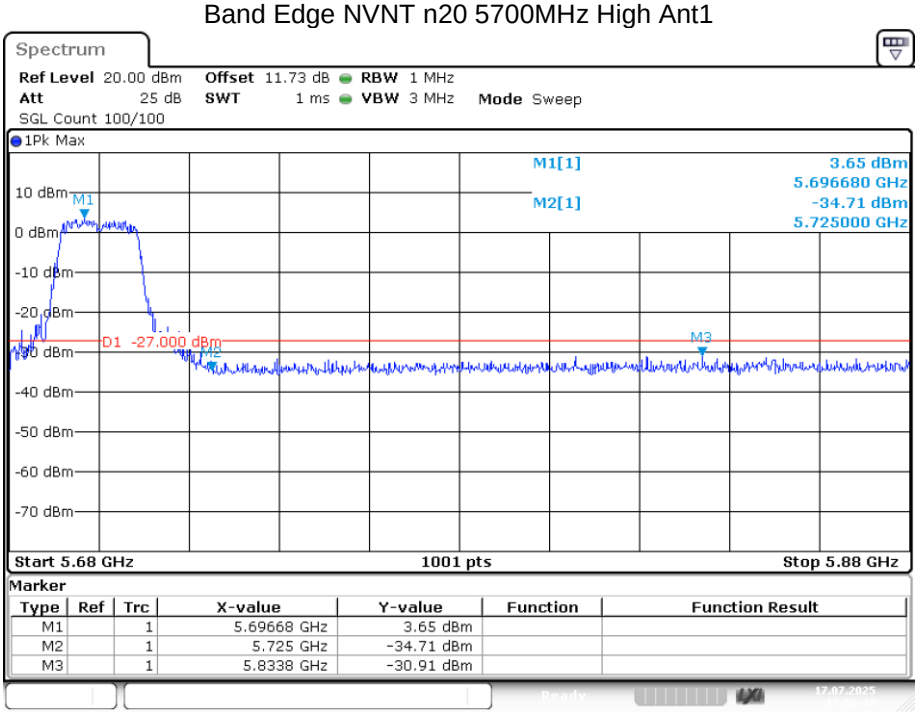
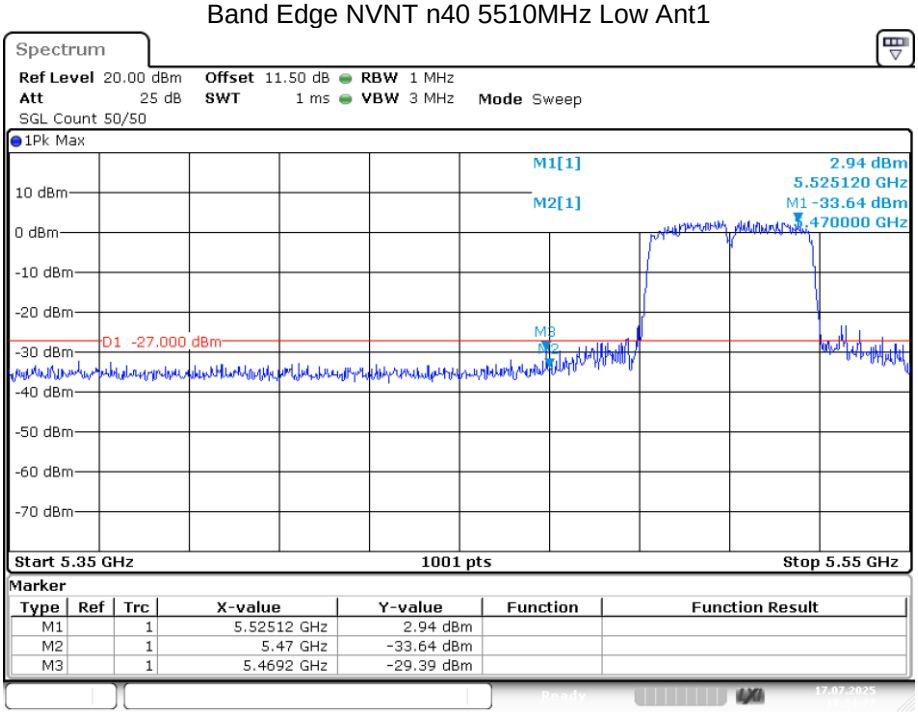
Band Edge NVNT n20 5700MHz High Ant1



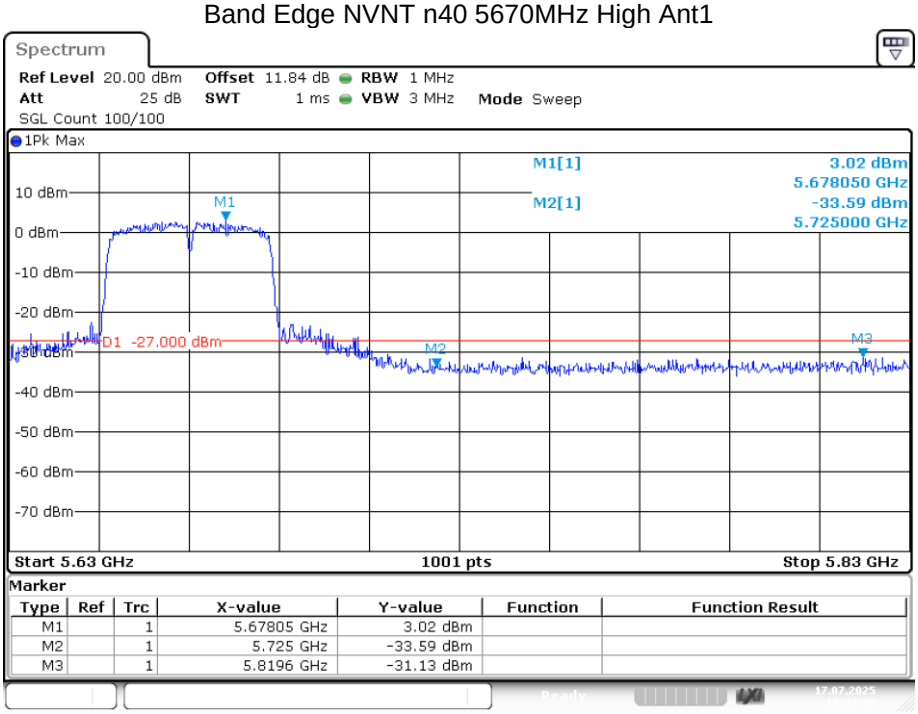
Date: 17.JUL.2025 17:56:48

Band Edge NVNT n40 5510MHz Low Ant1



Date: 17.JUL.2025 18:24:27

Band Edge NVNT n40 5670MHz High Ant1



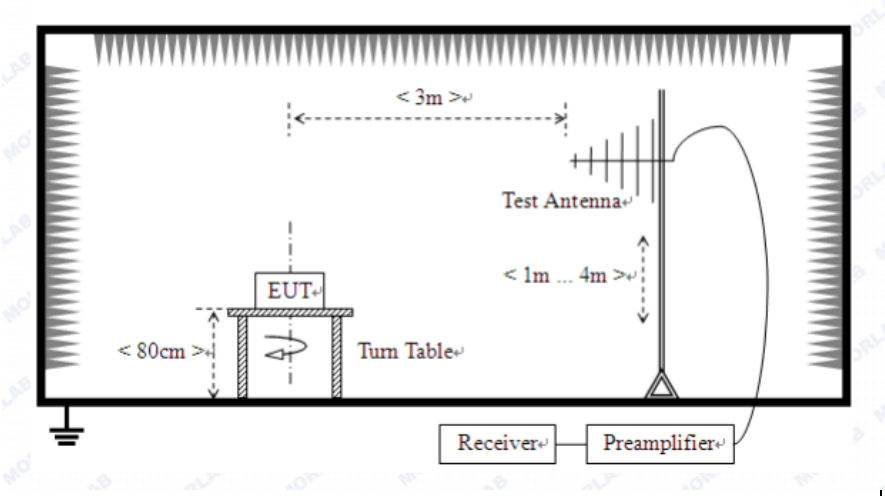
Date: 17.JUL.2025 18:32:57

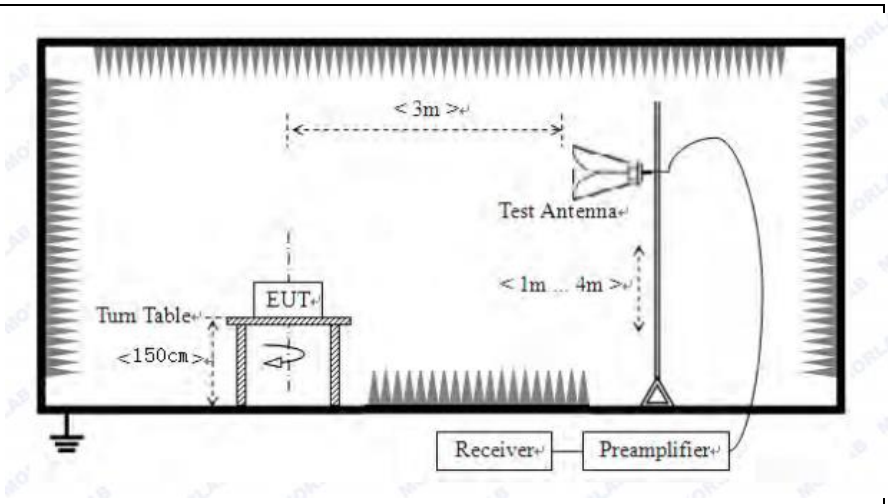
4.9 Radiated Emission

<table>
<tr><td>Test Requirement:</td><td>15.205&15.209</td></tr>
<tr><td>Test Method:</td><td>ANSI C63.10:2013</td></tr>
<tr><td>Test Frequency Range:</td><td>30MHz to 40GHz</td></tr>
<tr><td>Test site:</td><td>Measurement Distance: 3m (Semi-Anechoic Chamber)</td></tr>
<tr><td>Receiver setup:</td><td>
<table>
<tr><th>Frequency</th><th>Detector</th><th>RBW</th><th>VBW</th><th>Value</th></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><th>Frequency</th><th>Limit (dBuV/m @3m)</th><th>Remark</th></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>74.0</td><td>Peak Value</td></tr>
<tr><td>54.0</td><td>Average Value</td></tr>
</table>
</td></tr>
<tr><td>Test Procedure:</td><td>
Substitution method was performed to determine the actual ERP emission levels of the EUT.
The following test procedure as below:

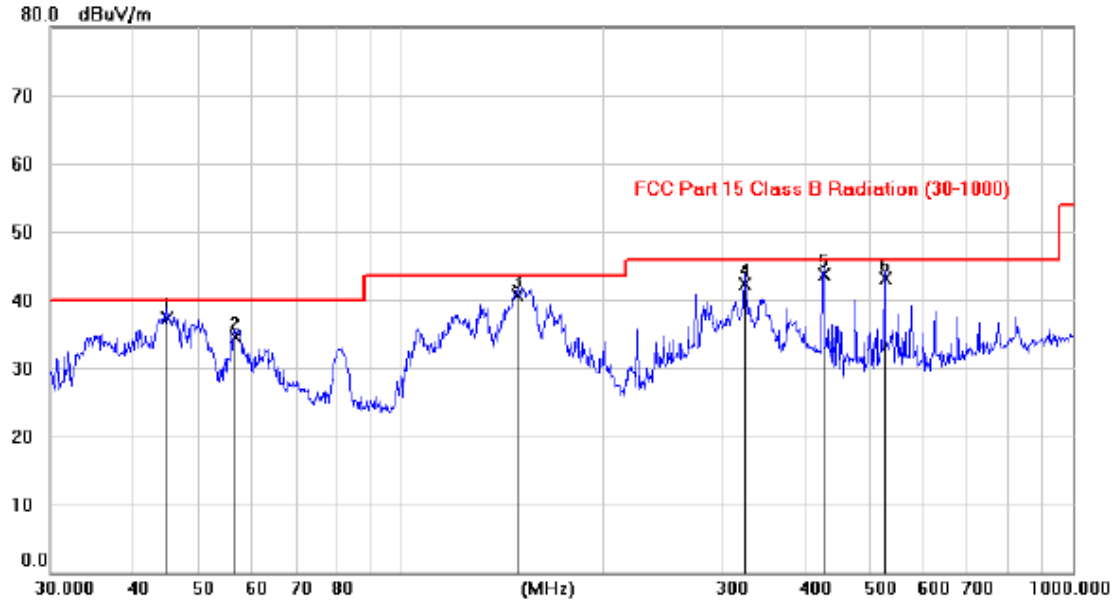
1>.Below 1GHz test procedure:
1. The EUT was placed on the top of a rotating table (0.8m for below 1GHz and 1.5 meters for above 1GHz) above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
3. 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.
4. 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.
5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
6. 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.

2>.Above 1GHz test procedure:
1. On the test site as test setup graph above,the EUT shall be placed at the 1.5m support on the turntable and in the position closest to normal use as declared by the provider.
2. The test antenna shall be oriented initially for vertical polarization and shall be chosen to correspond to the frequency of the transmitter.The output of the test antenna shall be connected to the measuring receiver.
3. The transmitter shall be switched on, if possible, without modulation and the measuring receiver shall be tuned to the frequency of the transmitter under test.
</td></tr>
</table>

	4. The test antenna shall be raised and lowered from 1m to 4m until a maximum signal level is detected by the measuring receiver. Then the turntable should be rotated through 360° in the horizontal plane, until the maximum signal level is detected by the measuring receiver. 5. Repeat step 4 for test frequency with the test antenna polarized horizontally. 6. Remove the transmitter and replace it with a substitution antenna 7. Feed the substitution antenna at the transmitter end with a signal generator connected to the antenna by means of a nonradiating cable. With the antennas at both ends vertically polarized, and with the signal generator tuned to a particular test frequency, raise and lower the test antenna to obtain a maximum reading at the spectrum analyzer. Adjust the level of the signal generator output until the previously recorded maximum reading for this set of conditions is obtained. This should be done carefully repeating the adjustment of the test antenna and generator output. 8. Repeat step 7 with both antennas horizontally polarized for each test frequency. 9. Calculate power in dBm into a reference ideal half-wave dipole antenna by reducing the readings obtained in steps 7 and 8 by the power loss in the cable between the generator and the antenna, and further corrected for the gain of the substitution antenna used relative to an ideal half-wave dipole antenna by the following formula: EIRP(dBm) = Pg(dBm) – cable loss (dB) + antenna gain (dBi) where: Pg is the generator output power into the substitution antenna.
Test setup:	Below 1GHz  Above 1GHz

	
Test results:	Pass

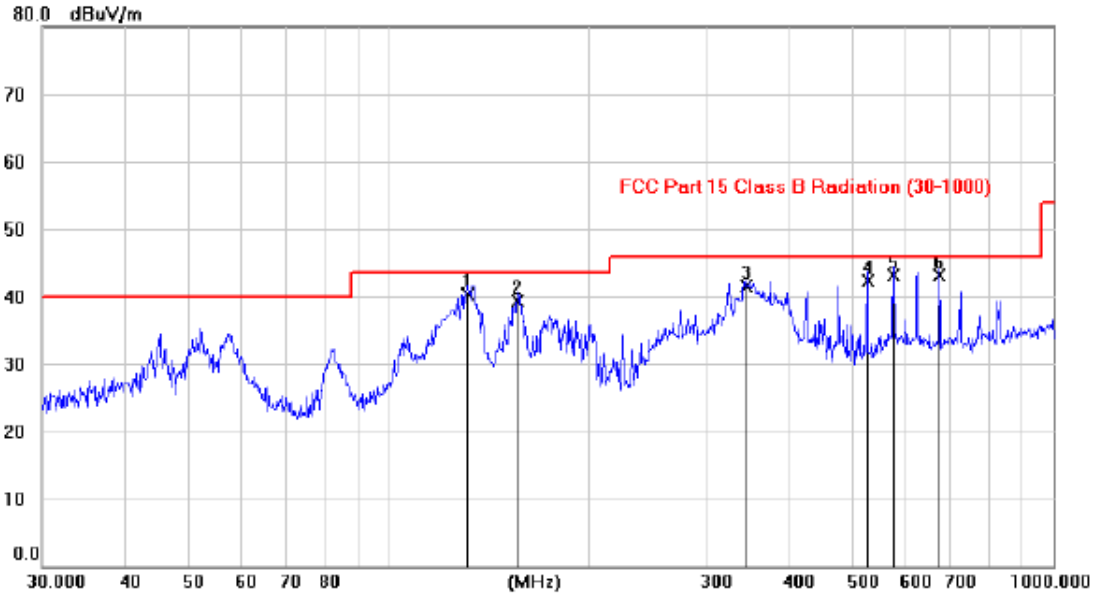
Vertical:



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		44.8218	23.13	14.12	37.25	40.00	-2.75	QP			
2		56.7120	21.01	13.46	34.47	40.00	-5.53	QP			
3		149.0147	25.65	14.99	40.64	43.50	-2.86	QP			
4		325.0253	27.66	14.73	42.39	46.00	-3.61	QP			
5	*	425.0280	26.81	16.91	43.72	46.00	-2.28	QP			
6		525.0448	24.35	18.73	43.08	46.00	-2.92	QP			

Note:1. *:Maximum data; x:Over limit; !:over margin.
2.Measurement=Reading Level+Correct Factor; Correct Factor=Antenna Factor+Cable Loss.

Horizontal:



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		131.5268	26.55	13.70	40.25	43.50	-3.25	QP			
2		156.4394	24.26	15.05	39.31	43.50	-4.19	QP			
3		345.0300	26.41	15.16	41.57	46.00	-4.43	QP			
4		525.0448	23.49	18.73	42.22	46.00	-3.78	QP			
5		575.0289	23.40	19.69	43.09	46.00	-2.91	QP			
6	*	675.0501	21.74	21.39	43.13	46.00	-2.87	QP			

Note:1. *:Maximum data; x:Over limit; !:over margin.
2.Measurement=Reading Level+Correct Factor; Correct Factor=Antenna Factor+Cable Loss.

Remark: 1.All modes have been tested, and only worst data of 802.11N mode, Channel 5500MHz was listed in this report.

2. All power supplies have been tested, and this report only reflects the worst power supply data (ZL-D060WA2402500)

Above 1GHz (U-NII-2A):

802.11a(HT20) 5260MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10520.02	49.55	16.29	14.62	32.65	47.81	68.20	-20.39	Vertical
15780.32	41.86	21.83	17.66	34.46	46.89	74.00	-27.11	Vertical
10520.30	53.94	16.29	14.62	32.65	52.20	68.20	-16.00	Horizontal
15780.13	42.59	21.83	17.66	34.46	47.62	74.00	-26.38	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10520.13	25.64	16.29	14.62	32.65	23.90	54.00	-30.10	Vertical
15780.30	11.75	21.83	17.66	34.46	16.78	54.00	-37.22	Vertical
10520.14	23.57	16.29	14.62	32.65	21.83	54.00	-32.17	Horizontal
15780.32	11.29	21.83	17.66	34.46	16.32	54.00	-37.68	Horizontal

802.11a(HT20) 5280MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10560.23	52.92	16.29	14.62	32.65	51.18	68.20	-17.02	Vertical
15840.10	40.82	21.83	17.66	34.46	45.85	74.00	-28.15	Vertical
10560.26	52.17	16.29	14.62	32.65	50.43	68.20	-17.77	Horizontal
15840.09	40.11	21.83	17.66	34.46	45.14	74.00	-28.86	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10560.24	26.89	16.29	14.62	32.65	25.15	54.00	-28.85	Vertical
15840.05	14.97	21.83	17.66	34.46	20.00	54.00	-34.00	Vertical
10560.20	24.90	16.29	14.62	32.65	23.16	54.00	-30.84	Horizontal
15840.21	11.67	21.83	17.66	34.46	16.70	54.00	-37.30	Horizontal

802.11a(HT20) 5320MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10640.24	52.79	16.29	14.62	32.65	51.05	74.00	-22.95	Vertical
15960.10	42.97	21.83	17.66	34.46	48.00	74.00	-26.00	Vertical
10640.04	53.91	16.29	14.62	32.65	52.17	74.00	-21.83	Horizontal
15960.20	40.61	21.83	17.66	34.46	45.64	74.00	-28.36	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10640.15	23.50	16.29	14.62	32.65	21.76	54.00	-32.24	Vertical
15960.23	12.91	21.83	17.66	34.46	17.94	54.00	-36.06	Vertical
10640.19	26.10	16.29	14.62	32.65	24.36	54.00	-29.64	Horizontal
15960.17	13.77	21.83	17.66	34.46	18.80	54.00	-35.20	Horizontal

802.11n(HT20) 5260MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10520.03	49.92	16.29	14.62	32.65	48.18	68.20	-20.02	Vertical
15780.13	40.86	21.83	17.66	34.46	45.89	74.00	-28.11	Vertical
10520.01	52.98	16.29	14.62	32.65	51.24	68.20	-16.96	Horizontal
15780.22	41.77	21.83	17.66	34.46	46.80	74.00	-27.20	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10520.03	25.01	16.29	14.62	32.65	23.27	54.00	-30.73	Vertical
15780.31	13.99	21.83	17.66	34.46	19.02	54.00	-34.98	Vertical
10520.28	24.61	16.29	14.62	32.65	22.87	54.00	-31.13	Horizontal
15780.05	12.97	21.83	17.66	34.46	18.00	54.00	-36.00	Horizontal

802.11n(HT20) 5280MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10560.21	49.88	16.29	14.62	32.65	48.14	68.20	-20.06	Vertical
15840.21	41.98	21.83	17.66	34.46	47.01	74.00	-26.99	Vertical
10560.05	54.30	16.29	14.62	32.65	52.56	68.20	-15.64	Horizontal
15840.18	40.48	21.83	17.66	34.46	45.51	74.00	-28.49	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10560.05	26.92	16.29	14.62	32.65	25.18	54.00	-28.82	Vertical
15840.26	14.42	21.83	17.66	34.46	19.45	54.00	-34.55	Vertical
10560.03	24.62	16.29	14.62	32.65	22.88	54.00	-31.12	Horizontal
15840.14	12.98	21.83	17.66	34.46	18.01	54.00	-35.99	Horizontal

802.11n(HT20) 5320MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10640.19	52.42	16.29	14.62	32.65	50.68	74.00	-23.32	Vertical
15960.02	41.10	21.83	17.66	34.46	46.13	74.00	-27.87	Vertical
10640.00	50.74	16.29	14.62	32.65	49.00	74.00	-25.00	Horizontal
15960.18	40.21	21.83	17.66	34.46	45.24	74.00	-28.76	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10640.09	23.50	16.29	14.62	32.65	21.76	54.00	-32.24	Vertical
15960.15	14.20	21.83	17.66	34.46	19.23	54.00	-34.77	Vertical
10640.18	24.69	16.29	14.62	32.65	22.95	54.00	-31.05	Horizontal
15960.09	12.03	21.83	17.66	34.46	17.06	54.00	-36.94	Horizontal

802.11ac(VHT20) 5260MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10520.01	49.59	16.29	14.62	32.65	47.85	68.20	-20.35	Vertical
15780.01	40.55	21.83	17.66	34.46	45.58	74.00	-28.42	Vertical
10520.10	52.36	16.29	14.62	32.65	50.62	68.20	-17.58	Horizontal
15780.24	42.46	21.83	17.66	34.46	47.49	74.00	-26.51	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10520.05	24.00	16.29	14.62	32.65	22.26	54.00	-31.74	Vertical
15780.18	12.07	21.83	17.66	34.46	17.10	54.00	-36.90	Vertical
10520.13	25.77	16.29	14.62	32.65	24.03	54.00	-29.97	Horizontal
15780.08	14.02	21.83	17.66	34.46	19.05	54.00	-34.95	Horizontal

802.11ac(VHT20) 5280MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10560.08	51.06	16.29	14.62	32.65	49.32	68.20	-18.88	Vertical
15840.09	42.89	21.83	17.66	34.46	47.92	74.00	-26.08	Vertical
10560.21	54.12	16.29	14.62	32.65	52.38	68.20	-15.82	Horizontal
15840.02	42.17	21.83	17.66	34.46	47.20	74.00	-26.80	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10560.26	24.46	16.29	14.62	32.65	22.72	54.00	-31.28	Vertical
15840.02	14.34	21.83	17.66	34.46	19.37	54.00	-34.63	Vertical
10560.21	23.35	16.29	14.62	32.65	21.61	54.00	-32.39	Horizontal
15840.19	14.90	21.83	17.66	34.46	19.93	54.00	-34.07	Horizontal

802.11ac(VHT20) 5320MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10640.10	51.64	16.29	14.62	32.65	49.90	74.00	-24.10	Vertical
15960.18	39.63	21.83	17.66	34.46	44.66	74.00	-29.34	Vertical
10640.24	53.34	16.29	14.62	32.65	51.60	74.00	-22.40	Horizontal
15960.30	40.05	21.83	17.66	34.46	45.08	74.00	-28.92	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10640.07	23.74	16.29	14.62	32.65	22.00	54.00	-32.00	Vertical
15960.11	12.39	21.83	17.66	34.46	17.42	54.00	-36.58	Vertical
10640.24	22.57	16.29	14.62	32.65	20.83	54.00	-33.17	Horizontal
15960.11	14.46	21.83	17.66	34.46	19.49	54.00	-34.51	Horizontal

802.11n(HT40) 5270MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10540.31	49.47	16.29	14.62	32.65	47.73	68.20	-20.47	Vertical
15810.01	41.60	21.83	17.66	34.46	46.63	74.00	-27.37	Vertical
10540.05	50.63	16.29	14.62	32.65	48.89	68.20	-19.31	Horizontal
15810.14	41.36	21.83	17.66	34.46	46.39	74.00	-27.61	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10540.04	25.73	16.29	14.62	32.65	23.99	54.00	-30.01	Vertical
15810.02	11.81	21.83	17.66	34.46	16.84	54.00	-37.16	Vertical
10540.02	24.02	16.29	14.62	32.65	22.28	54.00	-31.72	Horizontal
15810.21	13.29	21.83	17.66	34.46	18.32	54.00	-35.68	Horizontal

802.11n(HT40) 5310MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10620.20	50.25	16.29	14.62	32.65	48.51	74.00	-25.49	Vertical
15930.24	39.76	21.83	17.66	34.46	44.79	74.00	-29.21	Vertical
10620.29	54.17	16.29	14.62	32.65	52.43	74.00	-21.57	Horizontal
15930.05	39.80	21.83	17.66	34.46	44.83	74.00	-29.17	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10620.10	25.15	16.29	14.62	32.65	23.41	54.00	-30.59	Vertical
15930.02	13.89	21.83	17.66	34.46	18.92	54.00	-35.08	Vertical
10620.13	25.68	16.29	14.62	32.65	23.94	54.00	-30.06	Horizontal
15930.25	12.63	21.83	17.66	34.46	17.66	54.00	-36.34	Horizontal

802.11ac(VHT40) 5270MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10540.24	50.82	16.29	14.62	32.65	49.08	68.20	-19.12	Vertical
15810.07	40.58	21.83	17.66	34.46	45.61	74.00	-28.39	Vertical
10540.09	53.07	16.29	14.62	32.65	51.33	68.20	-16.87	Horizontal
15810.06	42.30	21.83	17.66	34.46	47.33	74.00	-26.67	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10540.26	25.58	16.29	14.62	32.65	23.84	54.00	-30.16	Vertical
15810.12	15.37	21.83	17.66	34.46	20.40	54.00	-33.60	Vertical
10540.23	22.56	16.29	14.62	32.65	20.82	54.00	-33.18	Horizontal
15810.02	11.57	21.83	17.66	34.46	16.60	54.00	-37.40	Horizontal

802.11ac(VHT40) 5310MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10620.31	51.57	16.29	14.62	32.65	49.83	74.00	-24.17	Vertical
15930.00	38.98	21.83	17.66	34.46	44.01	74.00	-29.99	Vertical
10620.29	52.10	16.29	14.62	32.65	50.36	74.00	-23.64	Horizontal
15930.15	41.95	21.83	17.66	34.46	46.98	74.00	-27.02	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10620.12	26.66	16.29	14.62	32.65	24.92	54.00	-29.08	Vertical
15930.18	15.25	21.83	17.66	34.46	20.28	54.00	-33.72	Vertical
10620.09	24.52	16.29	14.62	32.65	22.78	54.00	-31.22	Horizontal
15930.02	14.04	21.83	17.66	34.46	19.07	54.00	-34.93	Horizontal

U-NII 2C:

802.11a(HT20) 5500MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11000.13	51.19	16.29	14.62	32.65	49.45	74.00	-24.55	Vertical
16500.27	39.79	21.83	17.66	34.46	44.82	68.20	-23.38	Vertical
11000.27	52.78	16.29	14.62	32.65	51.04	74.00	-22.96	Horizontal
16500.11	39.23	21.83	17.66	34.46	44.26	68.20	-23.94	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11000.19	24.88	16.29	14.62	32.65	23.14	54.00	-30.86	Vertical
16500.02	14.67	21.83	17.66	34.46	19.70	54.00	-34.30	Vertical
11000.12	24.72	16.29	14.62	32.65	22.98	54.00	-31.02	Horizontal
16500.22	14.64	21.83	17.66	34.46	19.67	54.00	-34.33	Horizontal

802.11a(HT20) 5580MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11160.12	51.08	16.29	14.62	32.65	49.34	74.00	-24.66	Vertical
16740.21	41.26	21.83	17.66	34.46	46.29	68.20	-21.91	Vertical
11160.29	54.23	16.29	14.62	32.65	52.49	74.00	-21.51	Horizontal
16740.12	41.96	21.83	17.66	34.46	46.99	68.20	-21.21	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11160.09	26.21	16.29	14.62	32.65	24.47	54.00	-29.53	Vertical
16740.13	12.69	21.83	17.66	34.46	17.72	54.00	-36.28	Vertical
11160.12	25.02	16.29	14.62	32.65	23.28	54.00	-30.72	Horizontal
16740.04	13.82	21.83	17.66	34.46	18.85	54.00	-35.15	Horizontal

802.11a(HT20) 5700MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11400.00	52.71	16.29	14.62	32.65	50.97	74.00	-23.03	Vertical
17100.26	39.40	21.83	17.66	34.46	44.43	68.20	-23.77	Vertical
11400.20	54.45	16.29	14.62	32.65	52.71	74.00	-21.29	Horizontal
17100.19	39.82	21.83	17.66	34.46	44.85	68.20	-23.35	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11400.11	25.62	16.29	14.62	32.65	23.88	54.00	-30.12	Vertical
17100.14	11.69	21.83	17.66	34.46	16.72	54.00	-37.28	Vertical
11400.21	25.63	16.29	14.62	32.65	23.89	54.00	-30.11	Horizontal
17100.04	11.60	21.83	17.66	34.46	16.63	54.00	-37.37	Horizontal

802.11n(HT20) 5500MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11000.21	51.36	16.29	14.62	32.65	49.62	74.00	-24.38	Vertical
16500.21	42.78	21.83	17.66	34.46	47.81	68.20	-20.39	Vertical
11000.06	54.32	16.29	14.62	32.65	52.58	74.00	-21.42	Horizontal
16500.14	41.97	21.83	17.66	34.46	47.00	68.20	-21.20	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11000.28	26.60	16.29	14.62	32.65	24.86	54.00	-29.14	Vertical
16500.21	12.49	21.83	17.66	34.46	17.52	54.00	-36.48	Vertical
11000.29	25.10	16.29	14.62	32.65	23.36	54.00	-30.64	Horizontal
16500.22	11.73	21.83	17.66	34.46	16.76	54.00	-37.24	Horizontal

802.11n(HT20) 5580MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11160.26	50.48	16.29	14.62	32.65	48.74	74.00	-25.26	Vertical
16740.25	42.56	21.83	17.66	34.46	47.59	68.20	-20.61	Vertical
11160.16	51.59	16.29	14.62	32.65	49.85	74.00	-24.15	Horizontal
16740.05	39.60	21.83	17.66	34.46	44.63	68.20	-23.57	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11160.25	26.74	16.29	14.62	32.65	25.00	54.00	-29.00	Vertical
16740.12	13.45	21.83	17.66	34.46	18.48	54.00	-35.52	Vertical
11160.06	23.92	16.29	14.62	32.65	22.18	54.00	-31.82	Horizontal
16740.12	13.64	21.83	17.66	34.46	18.67	54.00	-35.33	Horizontal

802.11n(HT20) 5700MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11400.21	49.69	16.29	14.62	32.65	47.95	74.00	-26.05	Vertical
17100.08	39.90	21.83	17.66	34.46	44.93	68.20	-23.27	Vertical
11400.11	53.94	16.29	14.62	32.65	52.20	74.00	-21.80	Horizontal
17100.05	39.76	21.83	17.66	34.46	44.79	68.20	-23.41	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11400.21	26.44	16.29	14.62	32.65	24.70	54.00	-29.30	Vertical
17100.18	14.25	21.83	17.66	34.46	19.28	54.00	-34.72	Vertical
11400.30	23.71	16.29	14.62	32.65	21.97	54.00	-32.03	Horizontal
17100.27	13.60	21.83	17.66	34.46	18.63	54.00	-35.37	Horizontal

802.11ac(VHT20) 5500MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11000.16	49.90	16.29	14.62	32.65	48.16	74.00	-25.84	Vertical
16500.29	39.53	21.83	17.66	34.46	44.56	68.20	-23.64	Vertical
11000.18	51.39	16.29	14.62	32.65	49.65	74.00	-24.35	Horizontal
16500.31	42.09	21.83	17.66	34.46	47.12	68.20	-21.08	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11000.29	26.69	16.29	14.62	32.65	24.95	54.00	-29.05	Vertical
16500.24	13.52	21.83	17.66	34.46	18.55	54.00	-35.45	Vertical
11000.27	24.15	16.29	14.62	32.65	22.41	54.00	-31.59	Horizontal
16500.30	14.46	21.83	17.66	34.46	19.49	54.00	-34.51	Horizontal

802.11ac(VHT20) 5580MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11160.23	51.45	16.29	14.62	32.65	49.71	74.00	-24.29	Vertical
16740.10	42.85	21.83	17.66	34.46	47.88	68.20	-20.32	Vertical
11160.10	52.56	16.29	14.62	32.65	50.82	74.00	-23.18	Horizontal
16740.02	41.01	21.83	17.66	34.46	46.04	68.20	-22.16	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11160.07	23.78	16.29	14.62	32.65	22.04	54.00	-31.96	Vertical
16740.06	13.12	21.83	17.66	34.46	18.15	54.00	-35.85	Vertical
11160.32	25.59	16.29	14.62	32.65	23.85	54.00	-30.15	Horizontal
16740.23	11.56	21.83	17.66	34.46	16.59	54.00	-37.41	Horizontal

802.11ac(VHT20) 5700MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11400.25	51.07	16.29	14.62	32.65	49.33	74.00	-24.67	Vertical
17100.27	42.28	21.83	17.66	34.46	47.31	68.20	-20.89	Vertical
11400.17	51.95	16.29	14.62	32.65	50.21	74.00	-23.79	Horizontal
17100.26	39.47	21.83	17.66	34.46	44.50	68.20	-23.70	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11400.18	25.22	16.29	14.62	32.65	23.48	54.00	-30.52	Vertical
17100.28	13.43	21.83	17.66	34.46	18.46	54.00	-35.54	Vertical
11400.23	24.60	16.29	14.62	32.65	22.86	54.00	-31.14	Horizontal
17100.13	14.62	21.83	17.66	34.46	19.65	54.00	-34.35	Horizontal

802.11n(HT40) 5510MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11020.25	50.93	16.29	14.62	32.65	49.19	74.00	-24.81	Vertical
16530.12	39.08	21.83	17.66	34.46	44.11	68.20	-24.09	Vertical
11020.31	53.25	16.29	14.62	32.65	51.51	74.00	-22.49	Horizontal
16530.12	41.63	21.83	17.66	34.46	46.66	68.20	-21.54	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11020.20	25.12	16.29	14.62	32.65	23.38	54.00	-30.62	Vertical
16530.18	13.37	21.83	17.66	34.46	18.40	54.00	-35.60	Vertical
11020.06	24.94	16.29	14.62	32.65	23.20	54.00	-30.80	Horizontal
16530.14	12.31	21.83	17.66	34.46	17.34	54.00	-36.66	Horizontal

802.11n(HT40) 5670MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11340.09	50.41	16.29	14.62	32.65	48.67	74.00	-25.33	Vertical
17010.16	42.15	21.83	17.66	34.46	47.18	68.20	-21.02	Vertical
11340.16	52.65	16.29	14.62	32.65	50.91	74.00	-23.09	Horizontal
17010.06	39.56	21.83	17.66	34.46	44.59	68.20	-23.61	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11340.06	25.21	16.29	14.62	32.65	23.47	54.00	-30.53	Vertical
17010.19	12.23	21.83	17.66	34.46	17.26	54.00	-36.74	Vertical
11340.22	24.99	16.29	14.62	32.65	23.25	54.00	-30.75	Horizontal
17010.14	11.51	21.83	17.66	34.46	16.54	54.00	-37.46	Horizontal

802.11ac(VHT40) 5510MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11020.27	51.90	16.29	14.62	32.65	50.16	74.00	-23.84	Vertical
16530.30	41.96	21.83	17.66	34.46	46.99	68.20	-21.21	Vertical
11020.05	51.33	16.29	14.62	32.65	49.59	74.00	-24.41	Horizontal
16530.02	39.19	21.83	17.66	34.46	44.22	68.20	-23.98	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11020.20	25.47	16.29	14.62	32.65	23.73	54.00	-30.27	Vertical
16530.21	12.55	21.83	17.66	34.46	17.58	54.00	-36.42	Vertical
11020.06	26.18	16.29	14.62	32.65	24.44	54.00	-29.56	Horizontal
16530.20	13.84	21.83	17.66	34.46	18.87	54.00	-35.13	Horizontal

802.11ac(VHT40) 5670MHz

Detector：PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11340.31	51.86	16.29	14.62	32.65	50.12	74.00	-23.88	Vertical
17010.08	42.04	21.83	17.66	34.46	47.07	68.20	-21.13	Vertical
11340.12	52.67	16.29	14.62	32.65	50.93	74.00	-23.07	Horizontal
17010.26	38.90	21.83	17.66	34.46	43.93	68.20	-24.27	Horizontal

Detector：AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11340.27	24.12	16.29	14.62	32.65	22.38	54.00	-31.62	Vertical
17010.04	13.15	21.83	17.66	34.46	18.18	54.00	-35.82	Vertical
11340.05	25.60	16.29	14.62	32.65	23.86	54.00	-30.14	Horizontal
17010.05	13.73	21.83	17.66	34.46	18.76	54.00	-35.24	Horizontal

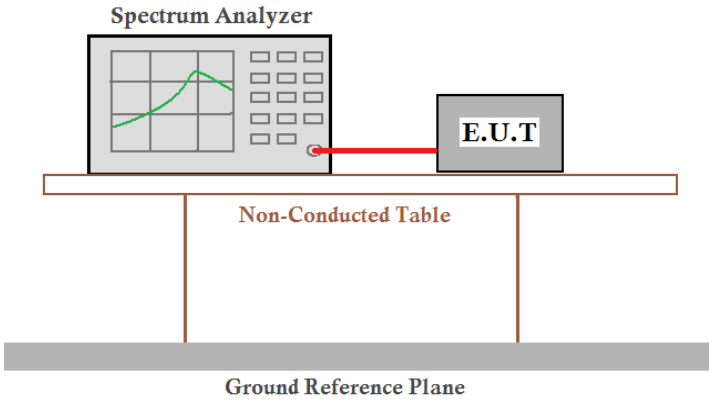
Note:

1. Level = Read Level + Antenna Factor+ Cable loss- Preamp Factor.

2. The test trace is same as the ambient noise (the test frequency range: 18GHz~40GHz), therefore no data appear in the report.

3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn’t be performed.

4.10 Conducted Spurious Emission

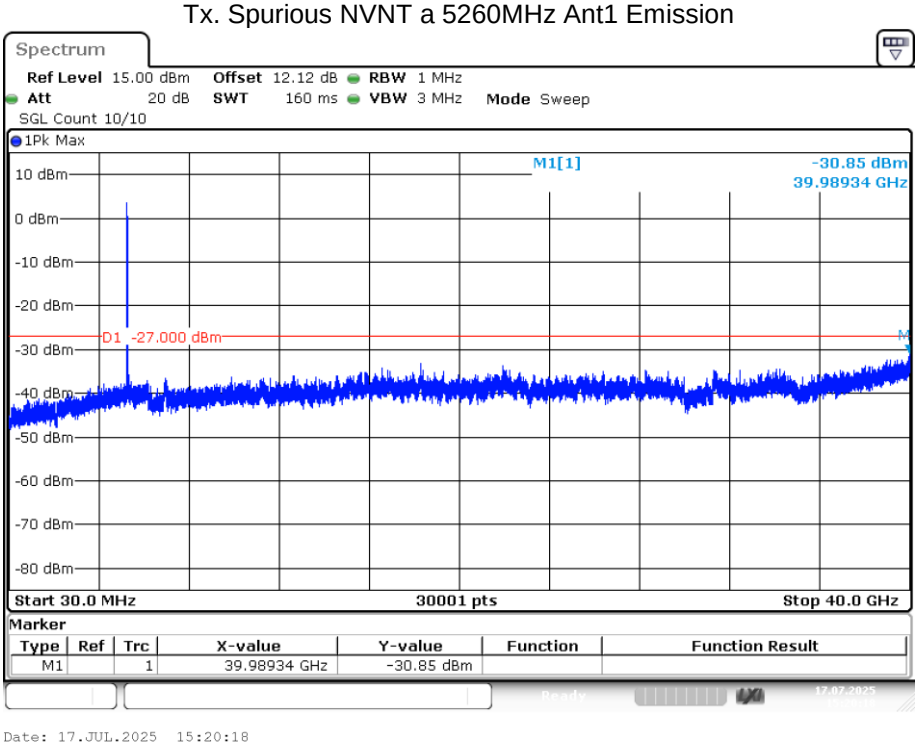
Test Requirement:	FCC Part15 E Section 15.407
Test Method:	KDB 789033 D02 General UNII Test Procedures New Rules v02r01
Limit:	1. For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz. 2. For transmitters operating solely in the 5.725-5.850 GHz band: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
Test setup:	
Test procedure:	The procedure for peak unwanted emissions measurements above 1000 MHz is as follows: a) Peak emission levels are measured by setting the instrument as follows: 1) RBW = 1 MHz. 2) VBW ≥ [3 × RBW]. 3) Detector = peak. 4) Sweep time = auto. 5) Trace mode = max hold. 6) Allow sweeps to continue until the trace stabilizes.
Test results:	Pass

U-NII 2A

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5260	Ant1	-30.85	-27	Pass
NVNT	a	5280	Ant1	-31.24	-27	Pass
NVNT	a	5320	Ant1	-31.09	-27	Pass
NVNT	ac20	5260	Ant1	-30.43	-27	Pass
NVNT	ac20	5280	Ant1	-31.7	-27	Pass
NVNT	ac20	5320	Ant1	-28.56	-27	Pass
NVNT	ac40	5270	Ant1	-31.38	-27	Pass
NVNT	ac40	5310	Ant1	-30.94	-27	Pass
NVNT	n20	5260	Ant1	-31.43	-27	Pass
NVNT	n20	5280	Ant1	-30.96	-27	Pass
NVNT	n20	5320	Ant1	-31.49	-27	Pass
NVNT	n40	5270	Ant1	-31.13	-27	Pass
NVNT	n40	5310	Ant1	-31.52	-27	Pass

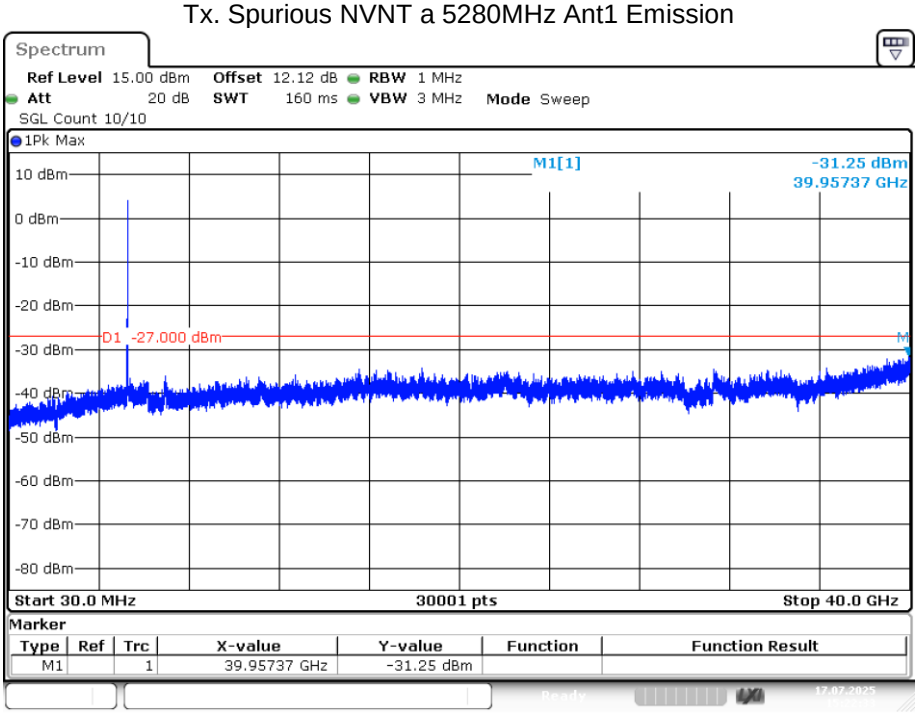
Note: The margin is at least greater than the antenna gain plus the cable loss.

Tx. Spurious NVNT a 5260MHz Ant1 Emission



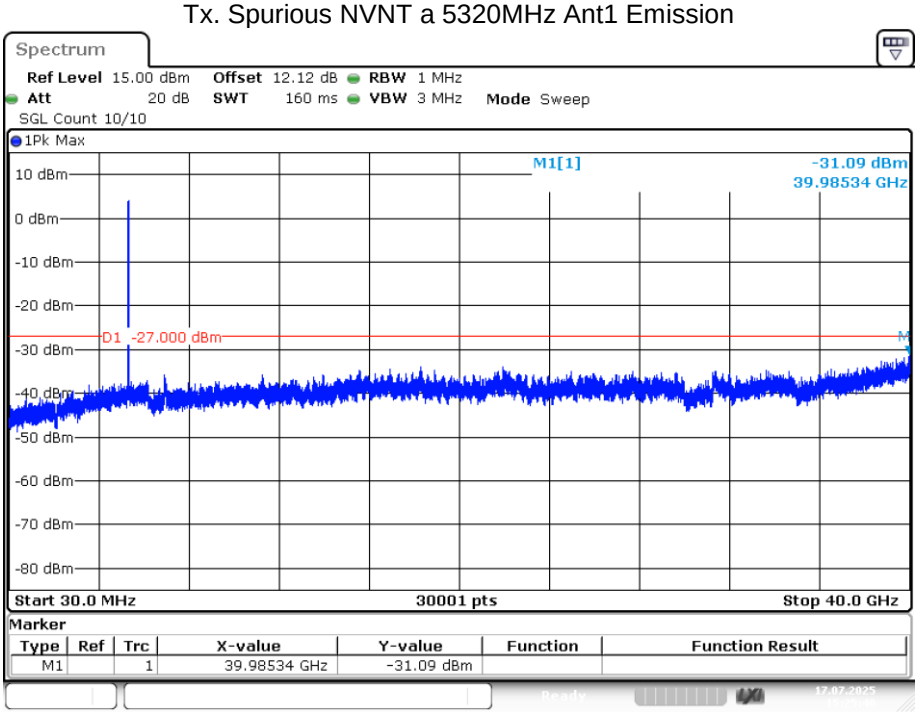
Date: 17.JUL.2025 15:20:18

Tx. Spurious NVNT a 5280MHz Ant1 Emission



Date: 17.JUL.2025 15:22:33

Tx. Spurious NVNT a 5320MHz Ant1 Emission



Date: 17.JUL.2025 15:25:39