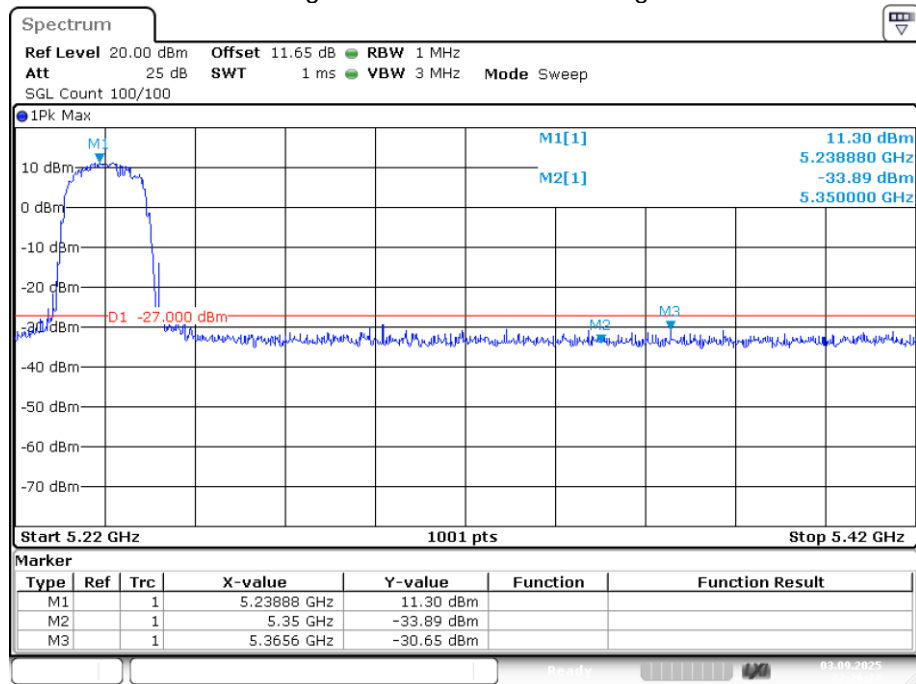
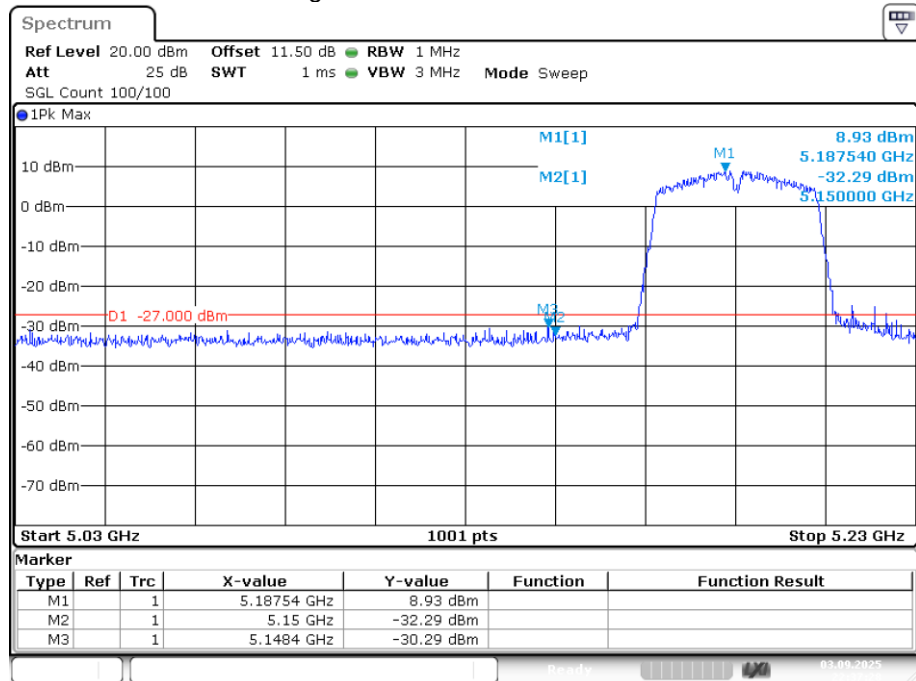


Band Edge NVNT ac20 5240MHz High Ant1



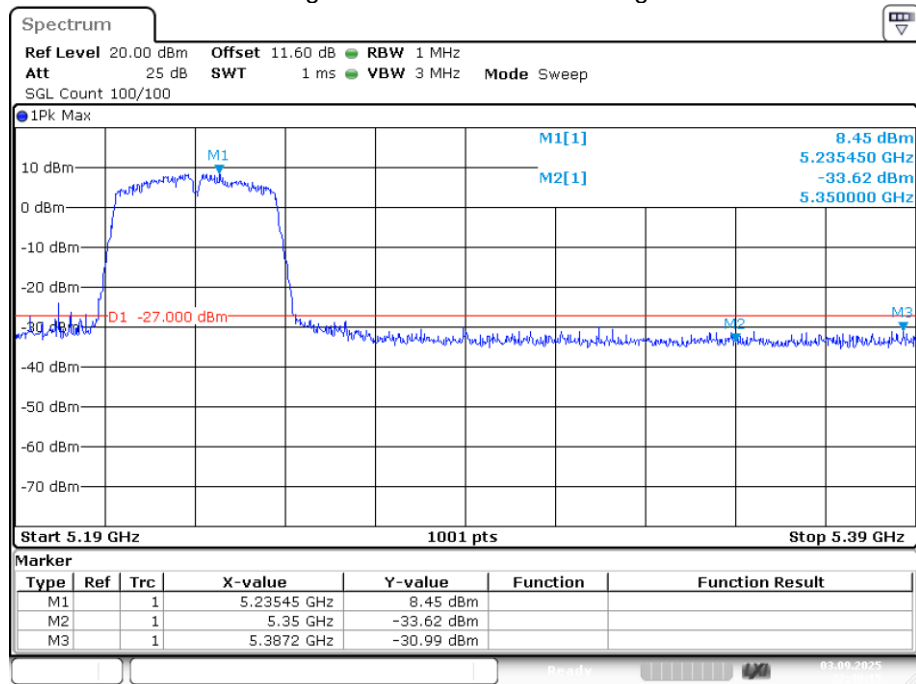
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Band Edge NVNT ac40 5190MHz Low Ant1



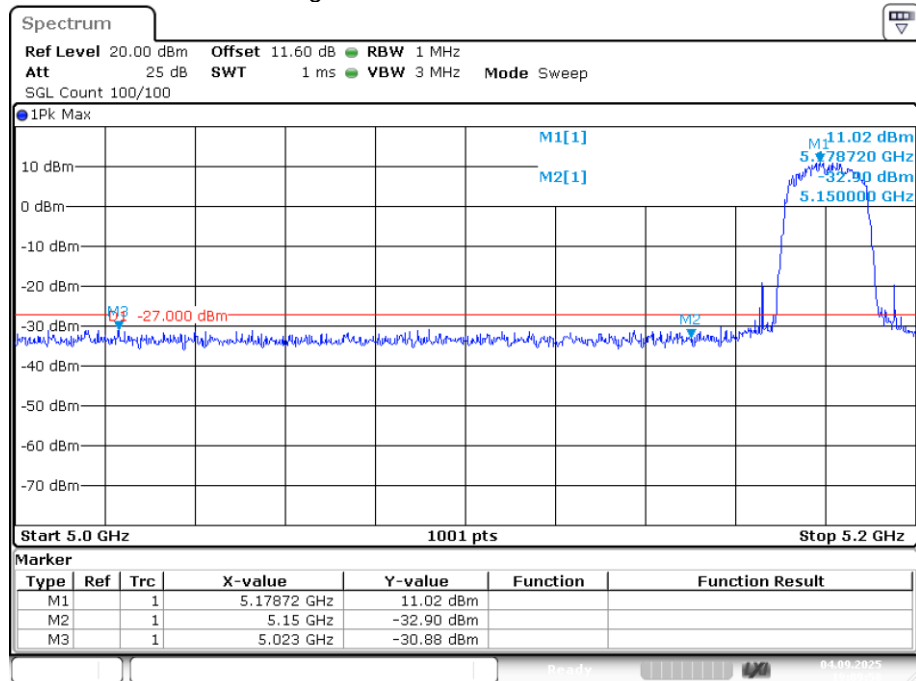
Date: 3.SEP.2025 22:37:28

Band Edge NVNT ac40 5230MHz High Ant1



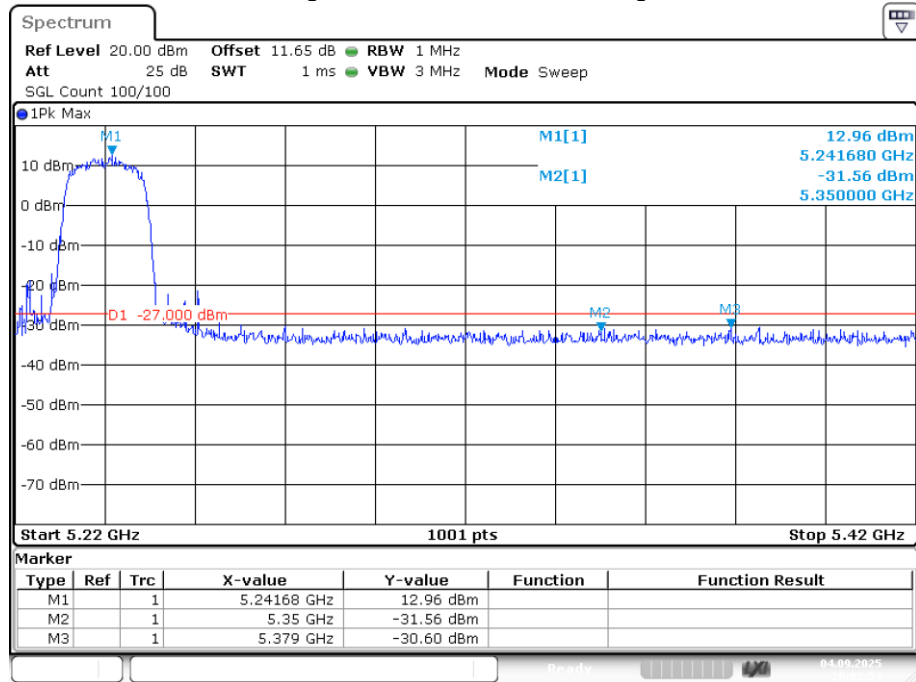
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Band Edge NVNT ax20 5180MHz Low Ant1



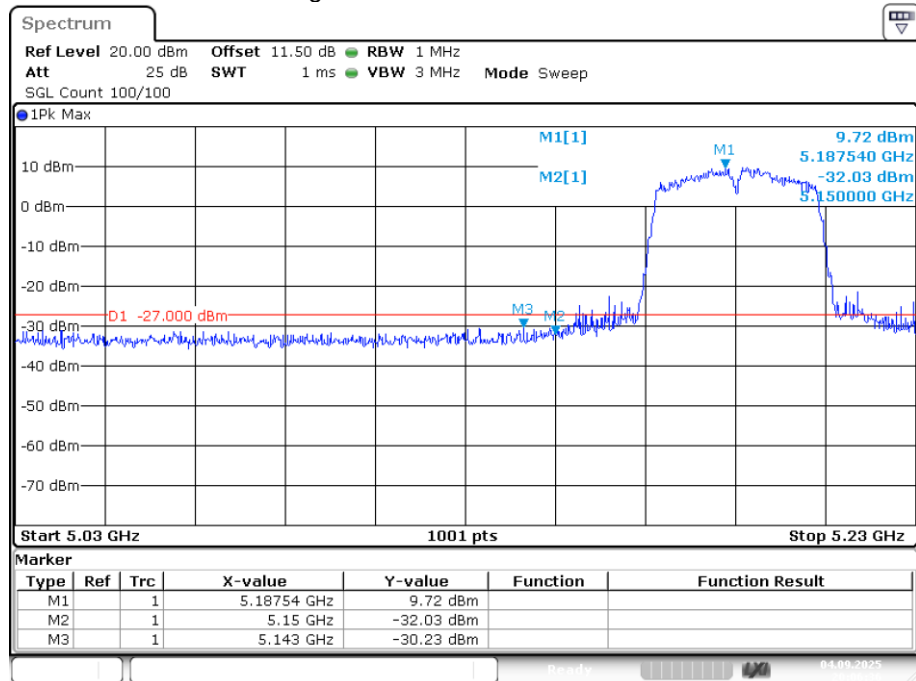
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Band Edge NVNT ax20 5240MHz High Ant1



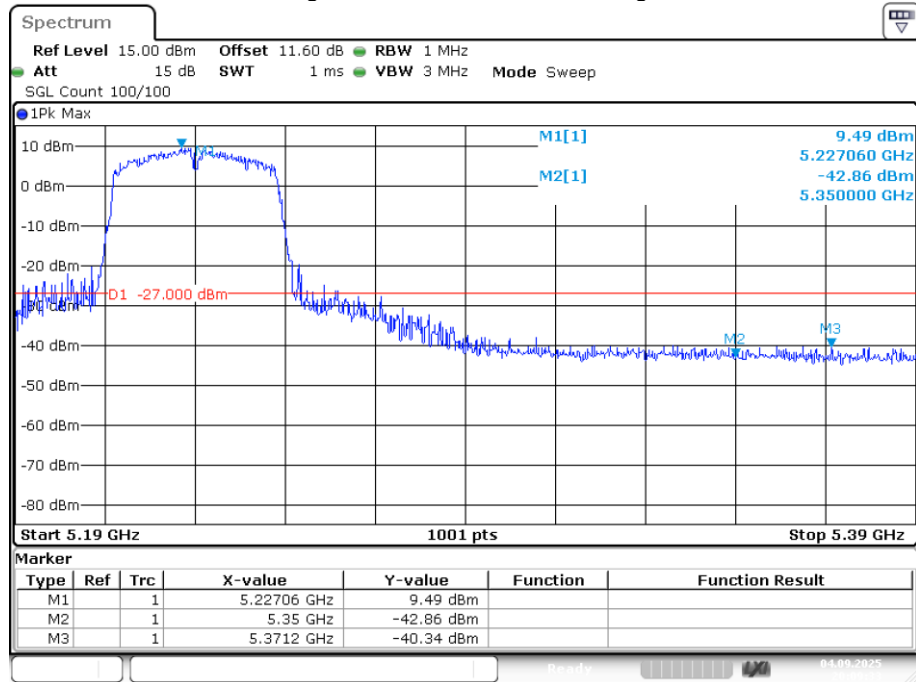
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Band Edge NVNT ax40 5190MHz Low Ant1



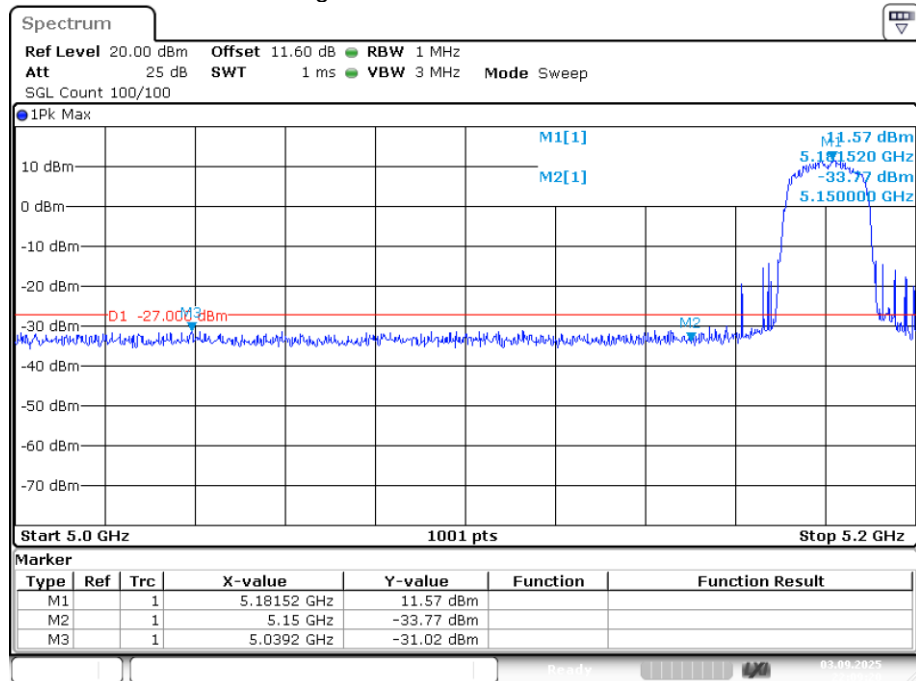
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Band Edge NVNT ax40 5230MHz High Ant1



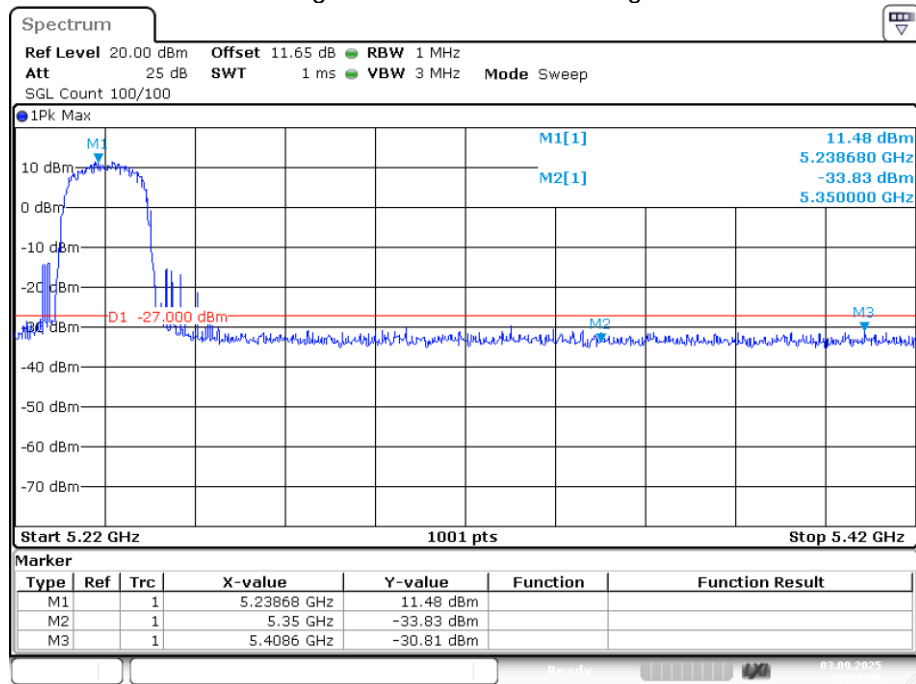
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Band Edge NVNT n20 5180MHz Low Ant1



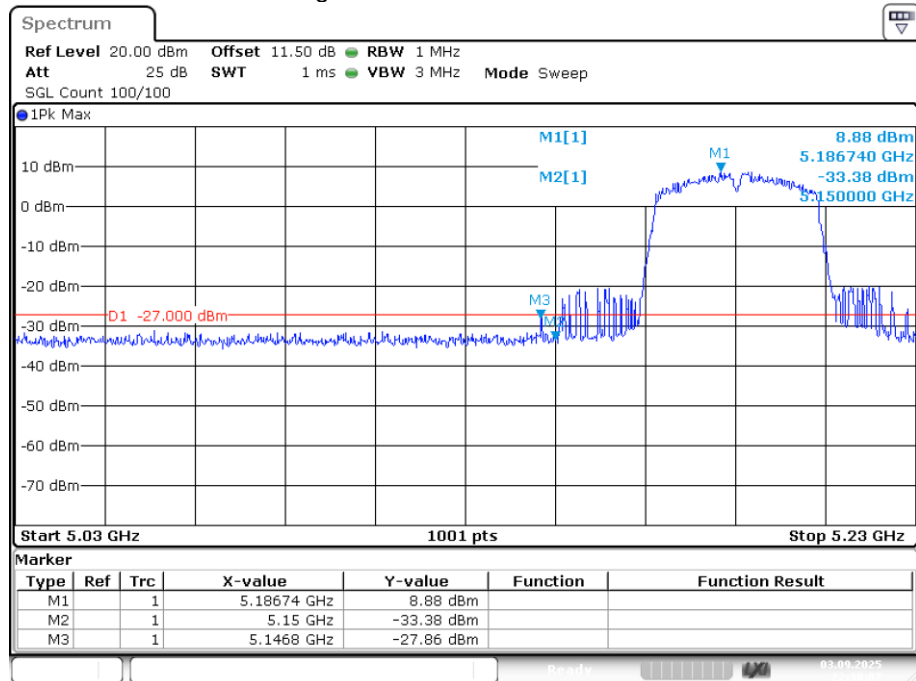
Date: 3.SEP.2025 22:09:20

Band Edge NVNT n20 5240MHz High Ant1



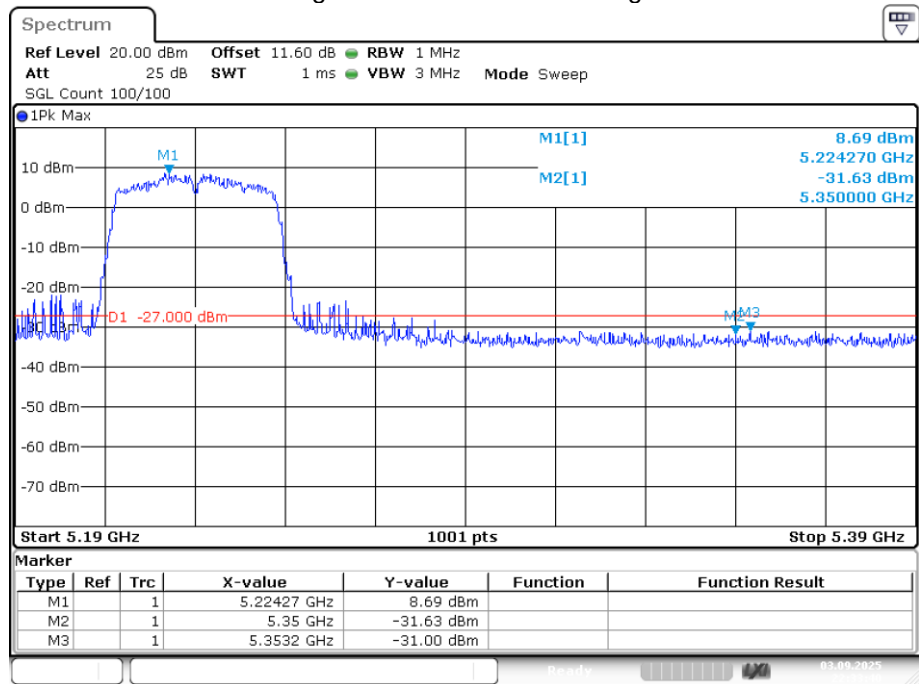
Date: 3.SEP.2025 22:16:00

Band Edge NVNT n40 5190MHz Low Ant1



Date: 3.SEP.2025 22:30:07

Band Edge NVNT n40 5230MHz High Ant1

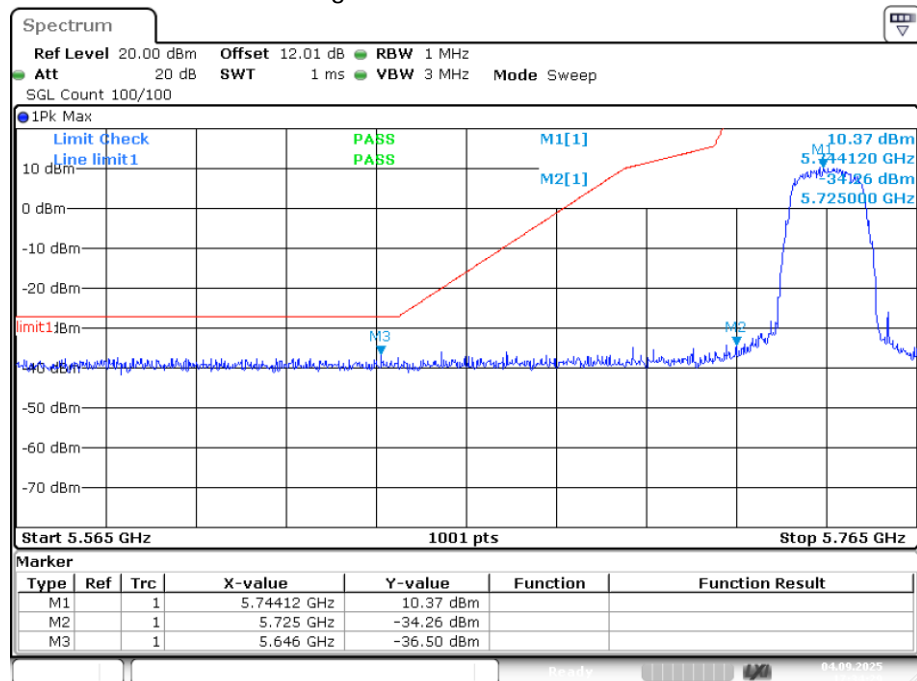


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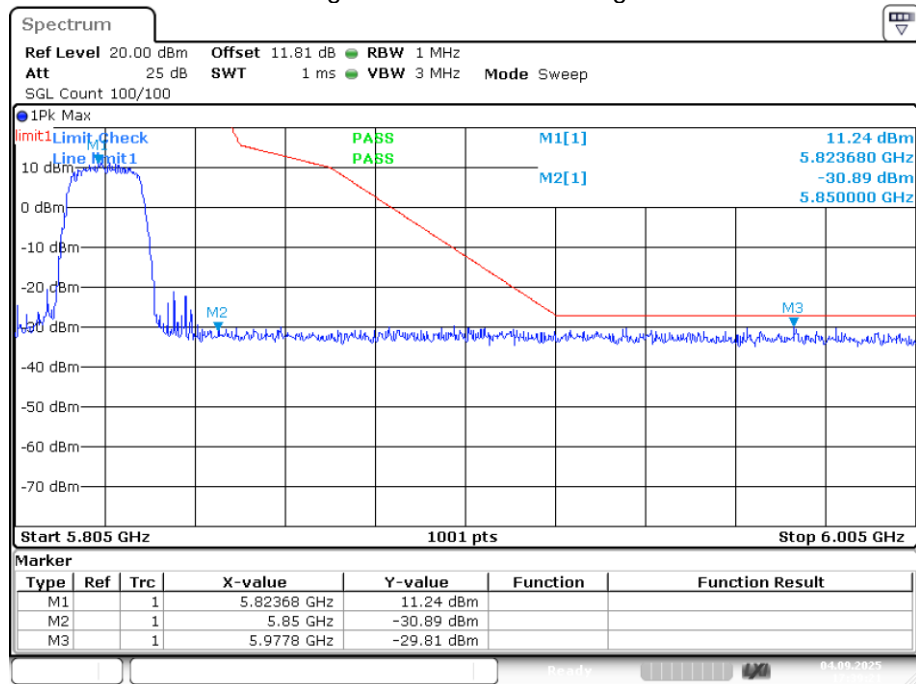
Band4

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-36.5	-27	Pass
NVNT	a	5825	Ant1	-29.8	-20.64	Pass
NVNT	ac20	5745	Ant1	-30.48	-27	Pass
NVNT	ac20	5825	Ant1	-30.27	14.26	Pass
NVNT	ac40	5755	Ant1	-31.03	14.98	Pass
NVNT	ac40	5795	Ant1	-30.12	13.25	Pass
NVNT	ax20	5745	Ant1	-31.07	-16.05	Pass
NVNT	ax20	5825	Ant1	-30.34	12.24	Pass
NVNT	ax40	5755	Ant1	-31.13	2.16	Pass
NVNT	ax40	5795	Ant1	-28.97	13.30	Pass
NVNT	n20	5745	Ant1	-30.86	7.93	Pass
NVNT	n20	5825	Ant1	-29.94	0.53	Pass
NVNT	n40	5755	Ant1	-31.02	15.66	Pass
NVNT	n40	5795	Ant1	-30.01	-27	Pass

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

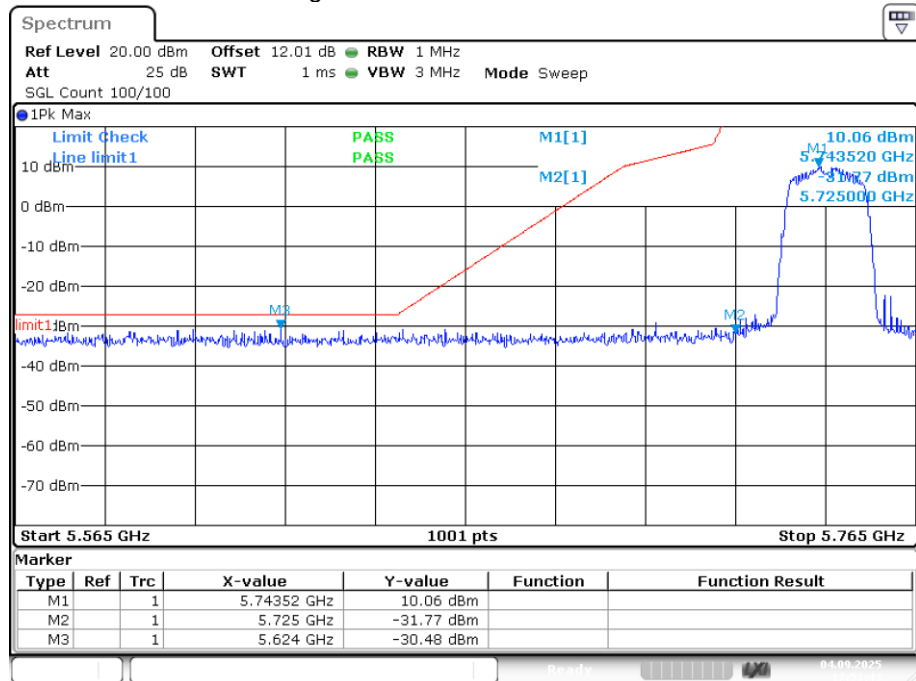
Band Edge NVNT a 5745MHz Low Ant1

Band Edge NVNT a 5825MHz High Ant1



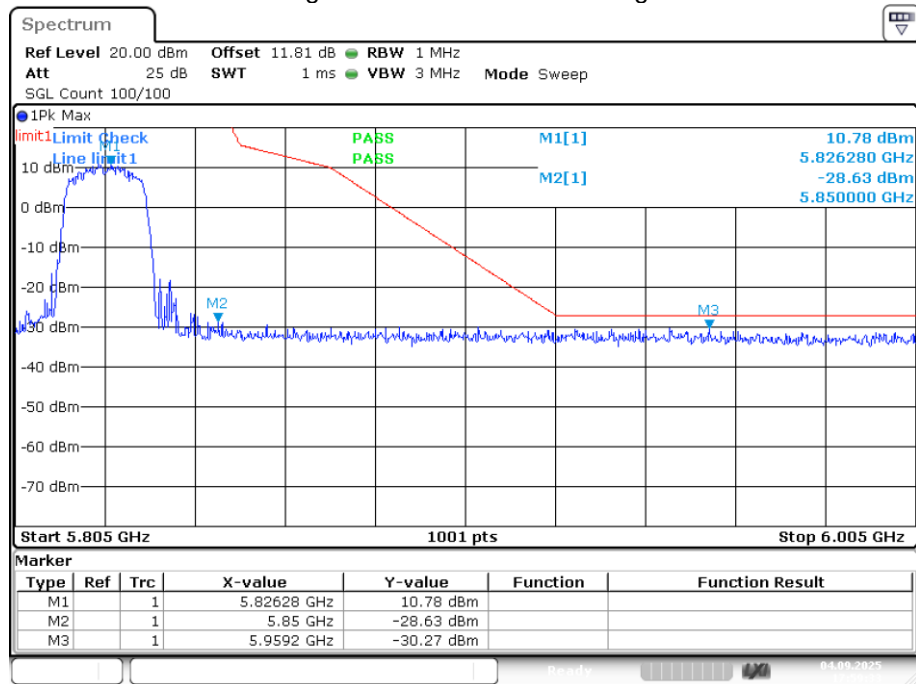
Date: 4.SEP.2025 17:39:21

Band Edge NVNT ac20 5745MHz Low Ant1



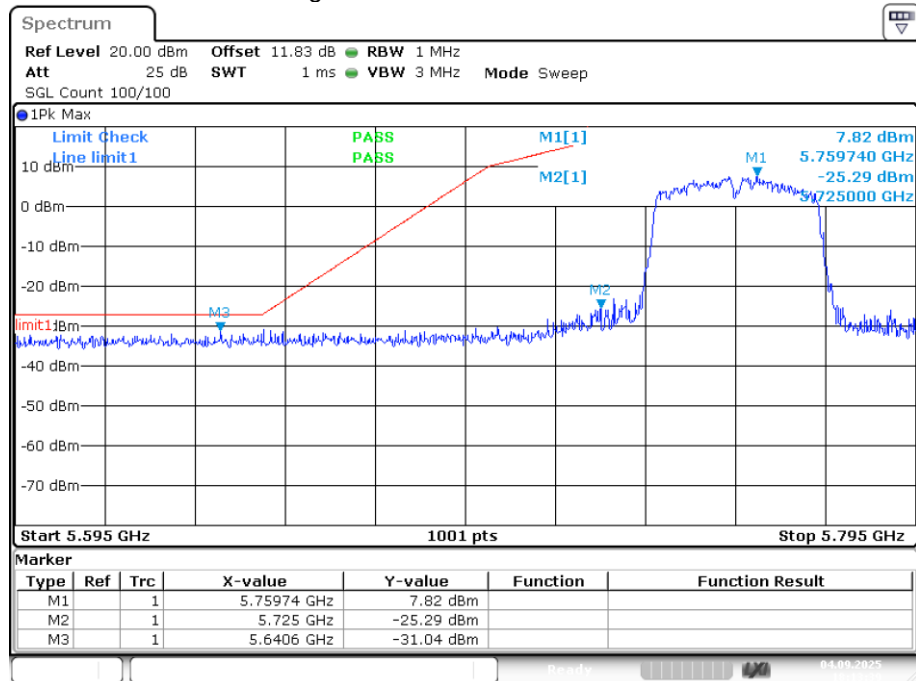
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Band Edge NVNT ac20 5825MHz High Ant1



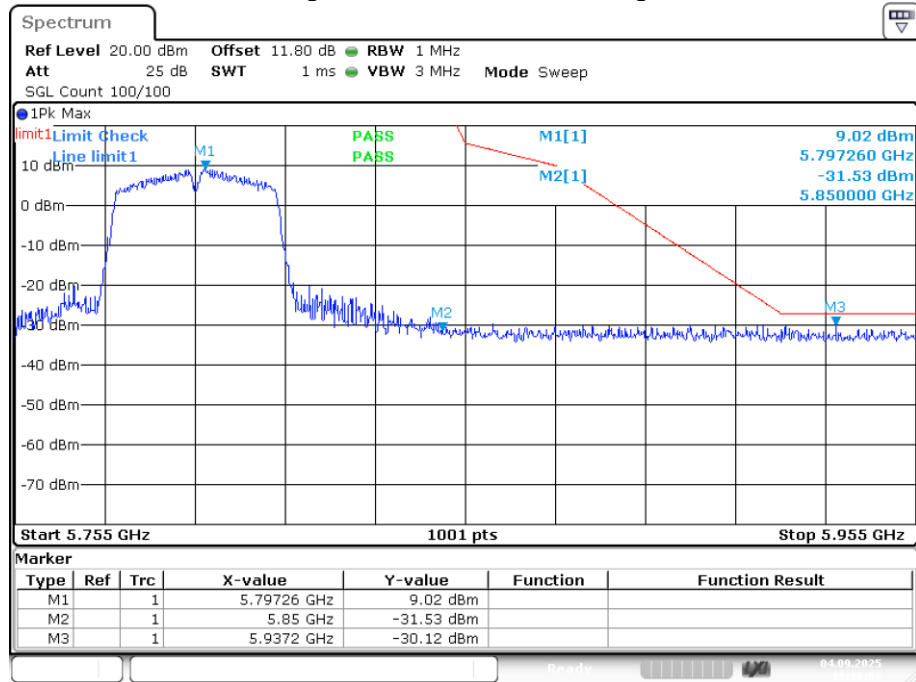
Date: 4.SEP.2025 17:59:33

Band Edge NVNT ac40 5755MHz Low Ant1



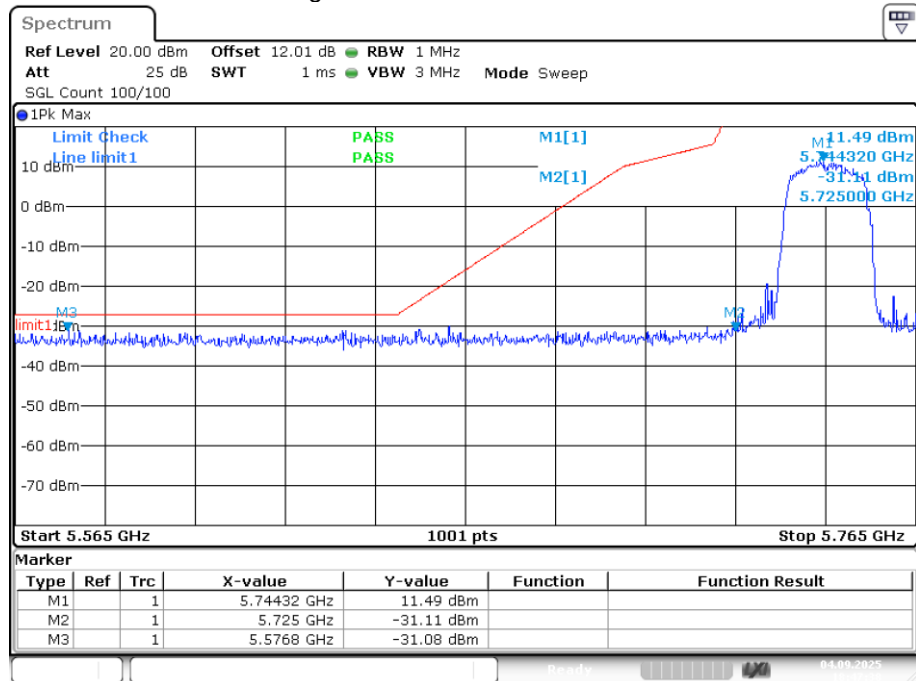
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Band Edge NVNT ac40 5795MHz High Ant1



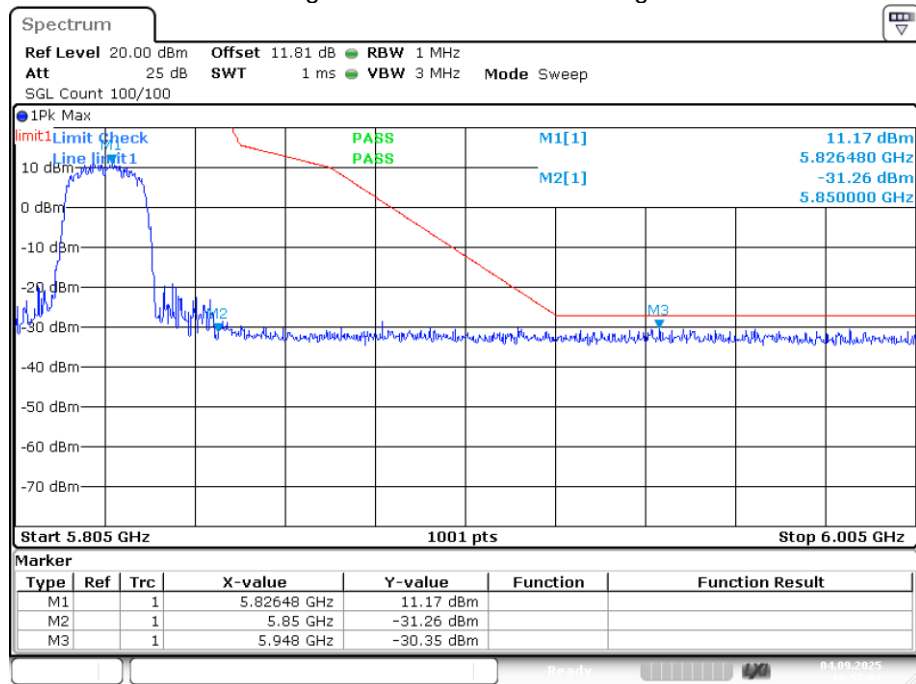
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Band Edge NVNT ax20 5745MHz Low Ant1

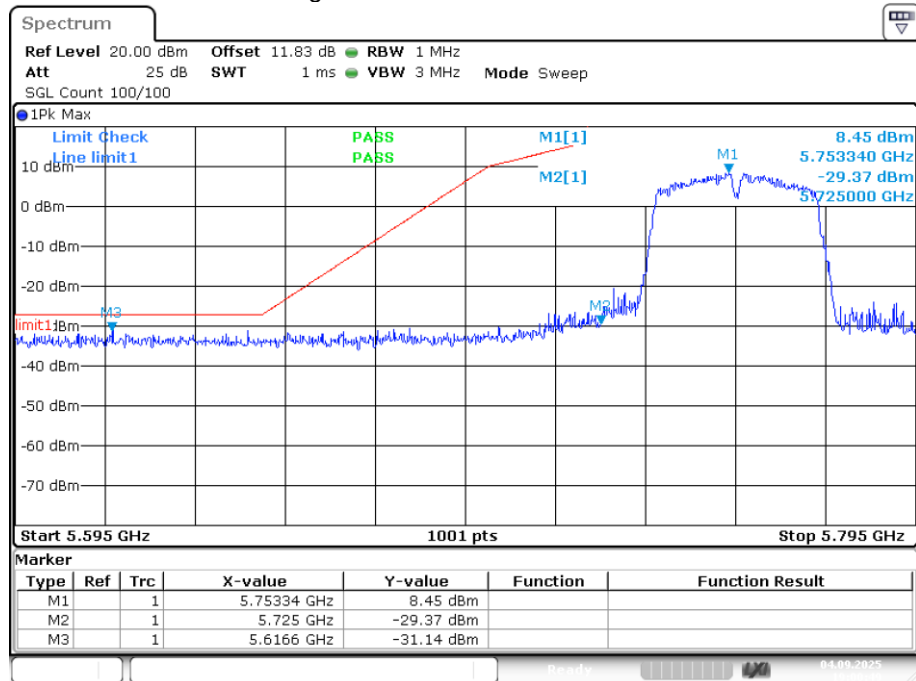


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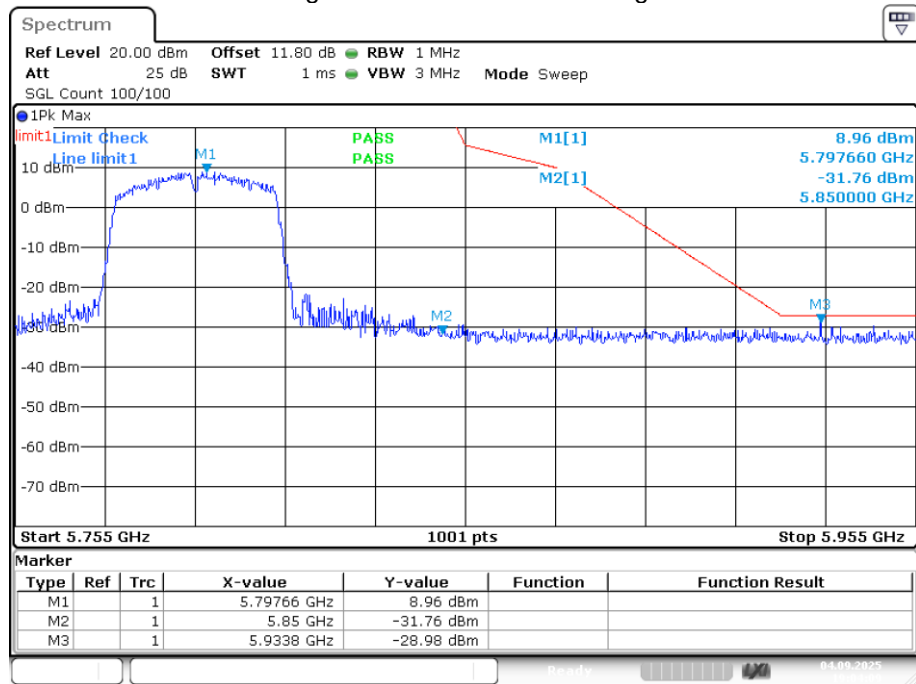
Band Edge NVNT ax20 5825MHz High Ant1



Band Edge NVNT ax40 5755MHz Low Ant1

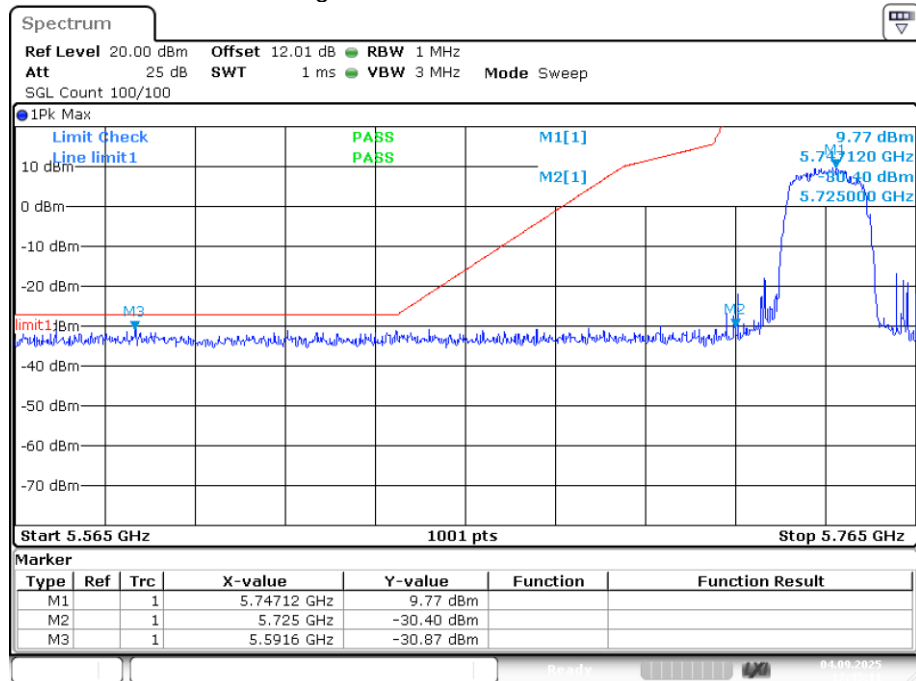


Band Edge NVNT ax40 5795MHz High Ant1



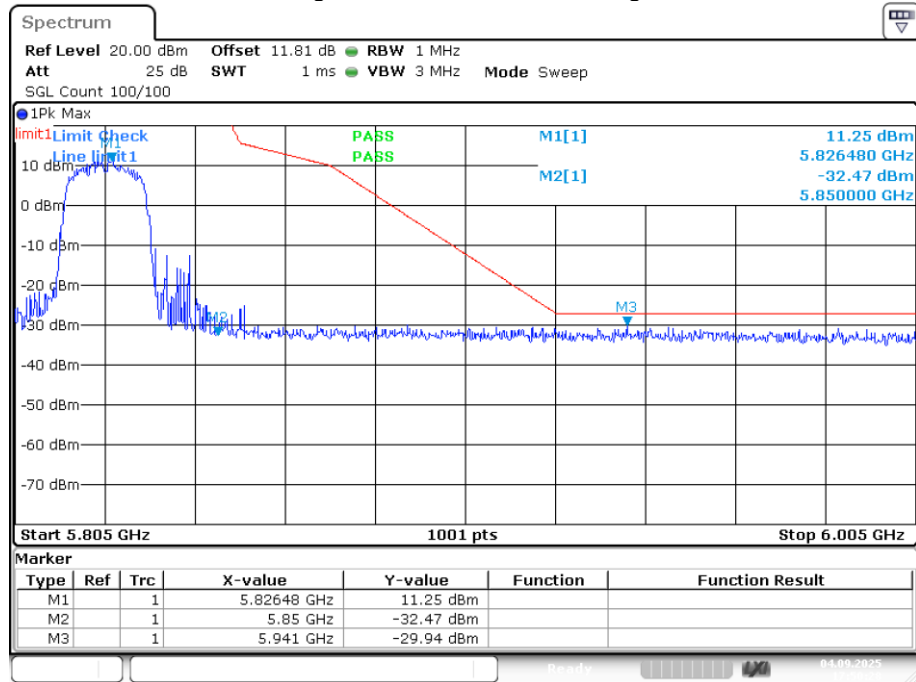
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Band Edge NVNT n20 5745MHz Low Ant1



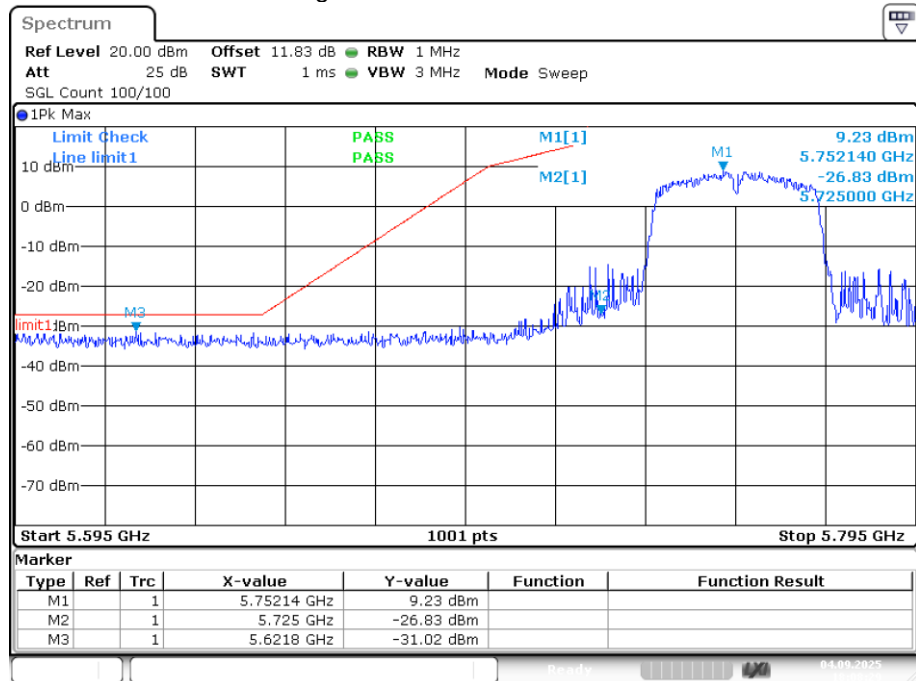
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Band Edge NVNT n20 5825MHz High Ant1



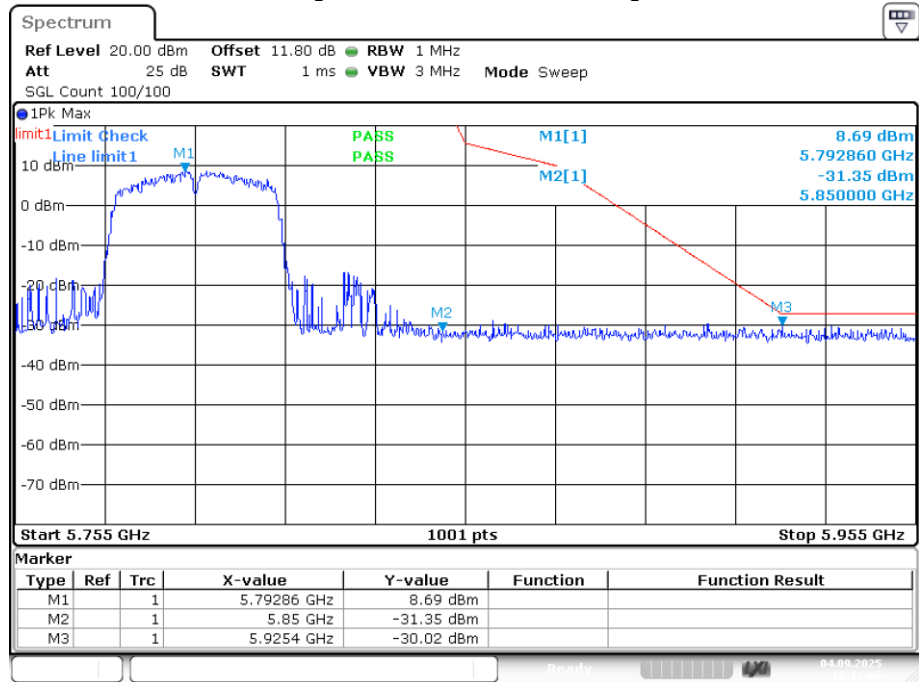
Date: 4.SEP.2025 17:50:27

Band Edge NVNT n40 5755MHz Low Ant1



Date: 4.SEP.2025 18:08:29

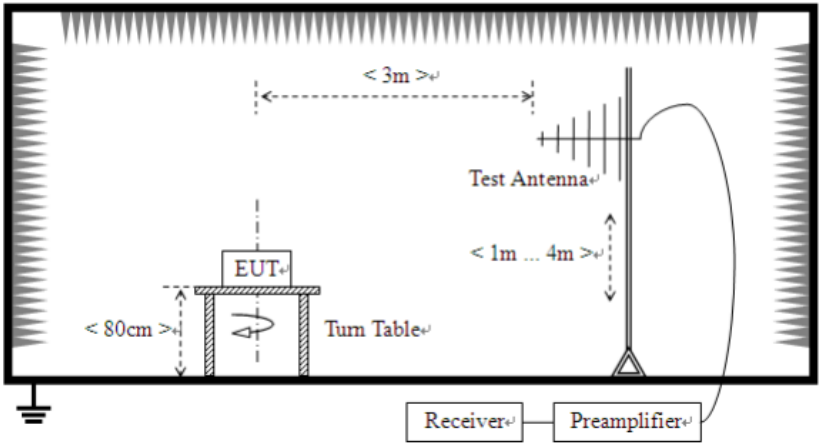
Band Edge NVNT n40 5795MHz High Ant1

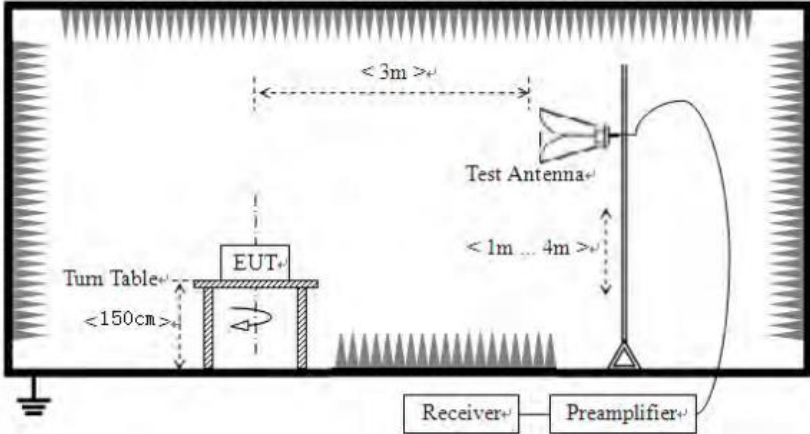


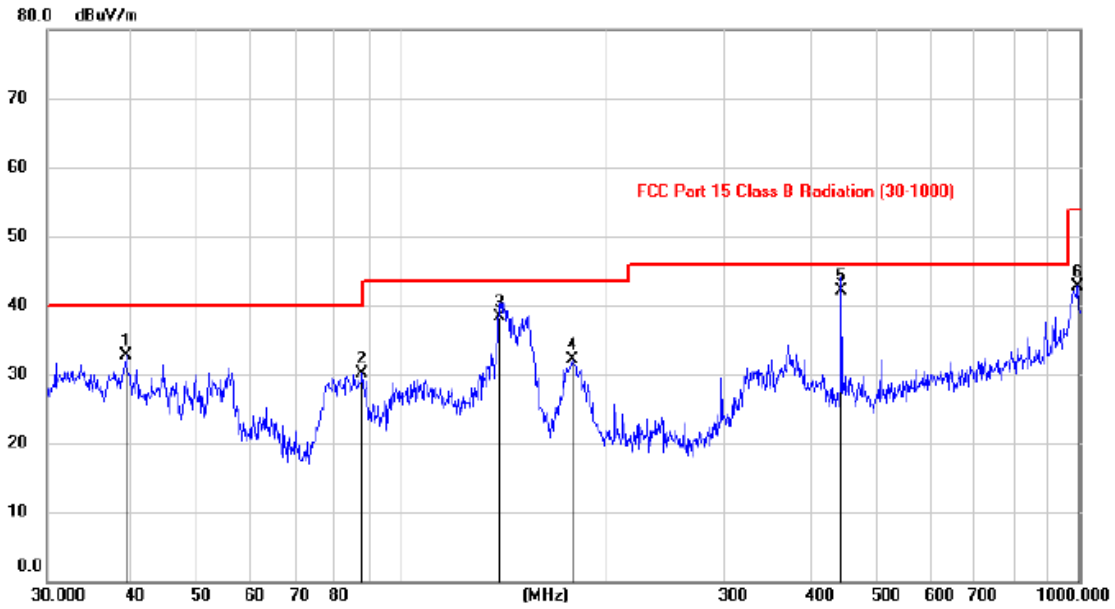
Date: 4.SEP.2025 18:11:05

4.9 Radiated Emission

Test Requirement:	15.205&15.209				
Test Method:	ANSI C63.10:2013				
Test Frequency Range:	30MHz to 40GHz				
Test site:	Measurement Distance: 3m (Semi-Anechoic Chamber)				
Receiver setup:	Frequency	Detector	RBW	VBW	Value
	30MHz-1GHz	Quasi-peak	100KHz	300KHz	Quasi-peak Value
	Above 1GHz	Peak	1MHz	3MHz	Peak Value
		AV	1MHz	3MHz	Average Value
Limit:	Frequency		Limit (dBuV/m @3m)		Remark
	30MHz-88MHz		40.0		Quasi-peak Value
	88MHz-216MHz		43.5		Quasi-peak Value
	216MHz-960MHz		46.0		Quasi-peak Value
	960MHz-1GHz		54.0		Quasi-peak Value
	Above 1GHz		74.0		Peak Value
			54.0		Average Value
Test Procedure:	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 rotatable 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.				

	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: $\text{EIRP(dBm)} = \text{Pg(dBm)} - \text{cable loss (dB)} + \text{antenna gain (dBi)}$ where: Pg is the generator output power into the substitution antenna.
Test setup:	Below 1GHz  Above 1GHz

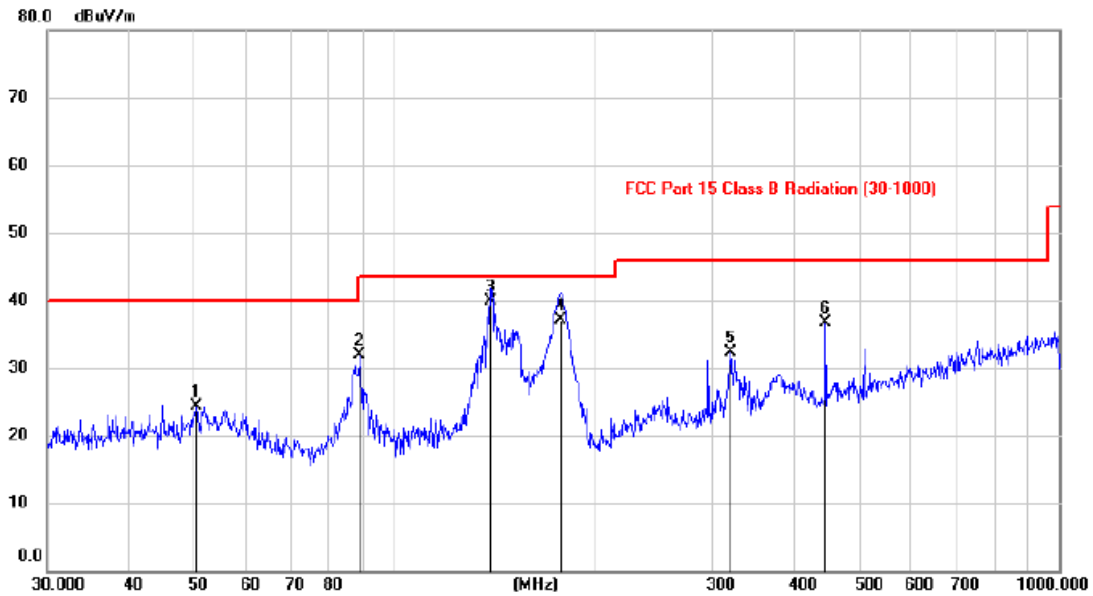
	
Test results:	Pass

Vertical:

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	
		MHz	Level	Factor	ment			
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		39.2440	18.31	14.46	32.77	40.00	-7.23	peak
2		87.4381	20.01	10.01	30.02	40.00	-9.98	peak
3		139.7691	24.03	14.29	38.32	43.50	-5.18	QP
4		178.6121	19.17	12.88	32.05	43.50	-11.45	peak
5	*	445.5800	24.73	17.46	42.19	46.00	-3.81	QP
6		995.3355	18.02	24.78	42.80	54.00	-11.20	peak

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	Measurement	Limit	Margin	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		50.3559	10.34	13.98	24.32	40.00	-15.68	peak
2		88.8392	21.78	10.03	31.81	43.50	-11.69	peak
3	*	139.6222	25.59	14.28	39.87	43.50	-3.63	QP
4		177.8414	24.08	12.98	37.06	43.50	-6.44	QP
5		320.0118	17.76	14.63	32.39	46.00	-13.61	peak
6		445.5279	19.32	17.46	36.78	46.00	-9.22	peak

Note:1. *:Maximum data; x:Over limit; !:over margin.

2.Measurement=Reading Level+Correct Factor; Correct Factor=Antenna Factor+Cable Loss.

Note: All modes and channels have been tested and only the ax40 5190MHz mode with the worst data is listed.

Above 1GHz (U-NII-1):

802.11a(HT20) 5180MHz

Detector: PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10360.11	50.52	16.29	14.62	32.65	48.78	68.20	-19.42	Vertical
15540.29	40.03	21.83	17.66	34.46	45.06	74.00	-28.94	Vertical
10360.18	52.70	16.29	14.62	32.65	50.96	68.20	-17.24	Horizontal
15540.30	41.86	21.83	17.66	34.46	46.89	74.00	-27.11	Horizontal

Detector: AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10360.07	39.81	16.29	14.62	32.65	38.07	54.00	-15.93	Vertical
15540.03	33.49	21.83	17.66	34.46	38.52	54.00	-15.48	Vertical
10360.24	41.48	16.29	14.62	32.65	39.74	54.00	-14.26	Horizontal
15540.22	32.69	21.83	17.66	34.46	37.72	54.00	-16.28	Horizontal

802.11a(HT20) 5200MHz

Detector: PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10400.06	50.15	16.29	14.62	32.65	48.41	68.20	-19.79	Vertical
15600.30	41.35	21.83	17.66	34.46	46.38	74.00	-27.62	Vertical
10400.08	52.54	16.29	14.62	32.65	50.80	68.20	-17.40	Horizontal
15600.24	41.50	21.83	17.66	34.46	46.53	74.00	-27.47	Horizontal

Detector: AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10400.31	41.50	16.29	14.62	32.65	39.76	54.00	-14.24	Vertical
15600.27	34.76	21.83	17.66	34.46	39.79	54.00	-14.21	Vertical
10400.26	40.39	16.29	14.62	32.65	38.65	54.00	-15.35	Horizontal
15600.03	30.69	21.83	17.66	34.46	35.72	54.00	-18.28	Horizontal

802.11a(HT20) 5240MHz

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
10480.19	49.63	16.29	14.62	32.65	47.89	68.20	-20.31	Vertical
15720.17	40.28	21.83	17.66	34.46	45.31	74.00	-28.69	Vertical
10480.09	53.53	16.29	14.62	32.65	51.79	68.20	-16.41	Horizontal
15720.22	41.83	21.83	17.66	34.46	46.86	74.00	-27.14	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
10480.09	42.72	16.29	14.62	32.65	40.98	54.00	-13.02	Vertical
15720.29	35.78	21.83	17.66	34.46	40.81	54.00	-13.19	Vertical
10480.21	41.60	16.29	14.62	32.65	39.86	54.00	-14.14	Horizontal
15720.24	33.45	21.83	17.66	34.46	38.48	54.00	-15.52	Horizontal

802.11n(HT20) 5180MHz

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
10360.28	51.11	16.29	14.62	32.65	49.37	68.20	-18.83	Vertical
15540.29	41.12	21.83	17.66	34.46	46.15	74.00	-27.85	Vertical
10360.06	50.53	16.29	14.62	32.65	48.79	68.20	-19.41	Horizontal
15540.30	42.11	21.83	17.66	34.46	47.14	74.00	-26.86	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
10360.24	43.14	16.29	14.62	32.65	41.40	54.00	-12.60	Vertical
15540.02	35.95	21.83	17.66	34.46	40.98	54.00	-13.02	Vertical
10360.22	38.42	16.29	14.62	32.65	36.68	54.00	-17.32	Horizontal
15540.20	30.90	21.83	17.66	34.46	35.93	54.00	-18.07	Horizontal

802.11n(HT20) 5200MHz

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
10400.17	51.82	16.29	14.62	32.65	50.08	68.20	-18.12	Vertical
15600.15	40.23	21.83	17.66	34.46	45.26	74.00	-28.74	Vertical
10400.30	51.18	16.29	14.62	32.65	49.44	68.20	-18.76	Horizontal
15600.13	40.95	21.83	17.66	34.46	45.98	74.00	-28.02	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
10400.29	41.30	16.29	14.62	32.65	39.56	54.00	-14.44	Vertical
15600.11	35.92	21.83	17.66	34.46	40.95	54.00	-13.05	Vertical
10400.23	41.56	16.29	14.62	32.65	39.82	54.00	-14.18	Horizontal
15600.17	33.78	21.83	17.66	34.46	38.81	54.00	-15.19	Horizontal

802.11n(HT20) 5240MHz

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
10480.07	50.23	16.29	14.62	32.65	48.49	68.20	-19.71	Vertical
15720.22	41.13	21.83	17.66	34.46	46.16	74.00	-27.84	Vertical
10480.17	52.95	16.29	14.62	32.65	51.21	68.20	-16.99	Horizontal
15720.09	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
10480.04	39.73	16.29	14.62	32.65	37.99	54.00	-16.01	Vertical
15720.11	35.00	21.83	17.66	34.46	40.03	54.00	-13.97	Vertical
10480.23	41.54	16.29	14.62	32.65	39.80	54.00	-14.20	Horizontal
15720.01	31.45	21.83	17.66	34.46	36.48	54.00	-17.52	Horizontal

802.11ac(VHT20) 5180MHz

Detector: PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10360.03	52.39	16.29	14.62	32.65	50.65	68.20	-17.55	Vertical
15540.31	39.42	21.83	17.66	34.46	44.45	74.00	-29.55	Vertical
10360.13	50.52	16.29	14.62	32.65	48.78	68.20	-19.42	Horizontal
15540.20	40.96	21.83	17.66	34.46	45.99	74.00	-28.01	Horizontal

Detector: AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10360.06	40.51	16.29	14.62	32.65	38.77	54.00	-15.23	Vertical
15540.02	36.24	21.83	17.66	34.46	41.27	54.00	-12.73	Vertical
10360.07	41.76	16.29	14.62	32.65	40.02	54.00	-13.98	Horizontal
15540.30	33.48	21.83	17.66	34.46	38.51	54.00	-15.49	Horizontal

802.11ac(VHT20) 5200MHz

Detector: PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10400.19	50.43	16.29	14.62	32.65	48.69	68.20	-19.51	Vertical
15600.16	41.23	21.83	17.66	34.46	46.26	74.00	-27.74	Vertical
10400.18	52.03	16.29	14.62	32.65	50.29	68.20	-17.91	Horizontal
15600.28	40.93	21.83	17.66	34.46	45.96	74.00	-28.04	Horizontal

Detector: AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10400.17	40.98	16.29	14.62	32.65	39.24	54.00	-14.76	Vertical
15600.02	34.52	21.83	17.66	34.46	39.55	54.00	-14.45	Vertical
10400.04	41.58	16.29	14.62	32.65	39.84	54.00	-14.16	Horizontal
15600.17	31.70	21.83	17.66	34.46	36.73	54.00	-17.27	Horizontal

802.11ac(VHT20) 5240MHz

Detector: PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10480.23	49.76	16.29	14.62	32.65	48.02	68.20	-20.18	Vertical
15720.14	41.07	21.83	17.66	34.46	46.10	74.00	-27.90	Vertical
10480.04	51.11	16.29	14.62	32.65	49.37	68.20	-18.83	Horizontal
15720.18	39.18	21.83	17.66	34.46	44.21	74.00	-29.79	Horizontal

Detector: AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10480.10	43.14	16.29	14.62	32.65	41.40	54.00	-12.60	Vertical
15720.02	36.63	21.83	17.66	34.46	41.66	54.00	-12.34	Vertical
10480.10	40.68	16.29	14.62	32.65	38.94	54.00	-15.06	Horizontal
15720.09	31.00	21.83	17.66	34.46	36.03	54.00	-17.97	Horizontal

802.11ax(HE20) 5180MHz

Detector: PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10360.30	50.00	16.29	14.62	32.65	48.26	68.20	-19.94	Vertical
15540.09	42.74	21.83	17.66	34.46	47.77	74.00	-26.23	Vertical
10360.30	51.81	16.29	14.62	32.65	50.07	68.20	-18.13	Horizontal
15540.17	39.52	21.83	17.66	34.46	44.55	74.00	-29.45	Horizontal

Detector: AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10360.09	41.99	16.29	14.62	32.65	40.25	54.00	-13.75	Vertical
15540.27	34.25	21.83	17.66	34.46	39.28	54.00	-14.72	Vertical
10360.12	38.29	16.29	14.62	32.65	36.55	54.00	-17.45	Horizontal
15540.24	32.34	21.83	17.66	34.46	37.37	54.00	-16.63	Horizontal

802.11ax(HE20) 5200MHz

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
10400.13	49.94	16.29	14.62	32.65	48.20	68.20	-20.00	Vertical
15600.11	40.87	21.83	17.66	34.46	45.90	74.00	-28.10	Vertical
10400.15	54.16	16.29	14.62	32.65	52.42	68.20	-15.78	Horizontal
15600.09	40.80	21.83	17.66	34.46	45.83	74.00	-28.17	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
10400.06	39.66	16.29	14.62	32.65	37.92	54.00	-16.08	Vertical
15600.29	34.35	21.83	17.66	34.46	39.38	54.00	-14.62	Vertical
10400.21	40.19	16.29	14.62	32.65	38.45	54.00	-15.55	Horizontal
15600.09	32.33	21.83	17.66	34.46	37.36	54.00	-16.64	Horizontal

802.11ax(HE20) 5240MHz

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
10480.21	52.78	16.29	14.62	32.65	51.04	68.20	-17.16	Vertical
15720.03	40.40	21.83	17.66	34.46	45.43	74.00	-28.57	Vertical
10480.05	52.71	16.29	14.62	32.65	50.97	68.20	-17.23	Horizontal
15720.15	42.50	21.83	17.66	34.46	47.53	74.00	-26.47	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
10480.18	41.36	16.29	14.62	32.65	39.62	54.00	-14.38	Vertical
15720.14	33.62	21.83	17.66	34.46	38.65	54.00	-15.35	Vertical
10480.10	40.26	16.29	14.62	32.65	38.52	54.00	-15.48	Horizontal
15720.29	33.31	21.83	17.66	34.46	38.34	54.00	-15.66	Horizontal

802.11n(HT40) 5190MHz

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
10380.12	50.63	16.29	14.62	32.65	48.89	68.20	-19.31	Vertical
15570.19	41.46	21.83	17.66	34.46	46.49	74.00	-27.51	Vertical
10380.06	53.98	16.29	14.62	32.65	52.24	68.20	-15.96	Horizontal
15570.16	40.89	21.83	17.66	34.46	45.92	74.00	-28.08	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
10380.02	42.94	16.29	14.62	32.65	41.20	54.00	-12.80	Vertical
15570.17	35.34	21.83	17.66	34.46	40.37	54.00	-13.63	Vertical
10380.17	40.24	16.29	14.62	32.65	38.50	54.00	-15.50	Horizontal
15570.12	33.20	21.83	17.66	34.46	38.23	54.00	-15.77	Horizontal

802.11n(HT40) 5230MHz

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
10460.14	51.35	16.29	14.62	32.65	49.61	68.20	-18.59	Vertical
15690.01	39.37	21.83	17.66	34.46	44.40	74.00	-29.60	Vertical
10460.24	53.43	16.29	14.62	32.65	51.69	68.20	-16.51	Horizontal
15690.18	39.13	21.83	17.66	34.46	44.16	74.00	-29.84	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
10460.28	42.61	16.29	14.62	32.65	40.87	54.00	-13.13	Vertical
15690.08	32.99	21.83	17.66	34.46	38.02	54.00	-15.98	Vertical
10460.26	39.25	16.29	14.62	32.65	37.51	54.00	-16.49	Horizontal
15690.28	31.55	21.83	17.66	34.46	36.58	54.00	-17.42	Horizontal

802.11ac(VHT40) 5190MHz

Detector: PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10380.03	49.65	16.29	14.62	32.65	47.91	68.20	-20.29	Vertical
15570.03	39.91	21.83	17.66	34.46	44.94	74.00	-29.06	Vertical
10380.27	52.63	16.29	14.62	32.65	50.89	68.20	-17.31	Horizontal
15570.05	40.96	21.83	17.66	34.46	45.99	74.00	-28.01	Horizontal

Detector: AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10380.16	43.11	16.29	14.62	32.65	41.37	54.00	-12.63	Vertical
15570.28	36.05	21.83	17.66	34.46	41.08	54.00	-12.92	Vertical
10380.15	39.16	16.29	14.62	32.65	37.42	54.00	-16.58	Horizontal
15570.28	33.83	21.83	17.66	34.46	38.86	54.00	-15.14	Horizontal

802.11ac(VHT40) 5230MHz

Detector: PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10460.00	52.84	16.29	14.62	32.65	51.10	68.20	-17.10	Vertical
15690.02	40.57	21.83	17.66	34.46	45.60	74.00	-28.40	Vertical
10460.28	54.05	16.29	14.62	32.65	52.31	68.20	-15.89	Horizontal
15690.21	39.51	21.83	17.66	34.46	44.54	74.00	-29.46	Horizontal

Detector: AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10460.09	42.93	16.29	14.62	32.65	41.19	54.00	-12.81	Vertical
15690.04	36.06	21.83	17.66	34.46	41.09	54.00	-12.91	Vertical
10460.03	38.68	16.29	14.62	32.65	36.94	54.00	-17.06	Horizontal
15690.15	33.28	21.83	17.66	34.46	38.31	54.00	-15.69	Horizontal

802.11ax(HE40) 5190MHz

Detector: PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10380.31	50.15	16.29	14.62	32.65	48.41	68.20	-19.79	Vertical
15570.27	41.26	21.83	17.66	34.46	46.29	74.00	-27.71	Vertical
10380.10	53.33	16.29	14.62	32.65	51.59	68.20	-16.61	Horizontal
15570.10	40.45	21.83	17.66	34.46	45.48	74.00	-28.52	Horizontal

Detector: AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10380.25	39.31	16.29	14.62	32.65	37.57	54.00	-16.43	Vertical
15570.14	35.63	21.83	17.66	34.46	40.66	54.00	-13.34	Vertical
10380.27	39.99	16.29	14.62	32.65	38.25	54.00	-15.75	Horizontal
15570.08	32.67	21.83	17.66	34.46	37.70	54.00	-16.30	Horizontal

802.11ax(HE40) 5230MHz

Detector: PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10460.15	51.10	16.29	14.62	32.65	49.36	68.20	-18.84	Vertical
15690.02	40.94	21.83	17.66	34.46	45.97	74.00	-28.03	Vertical
10460.31	51.05	16.29	14.62	32.65	49.31	68.20	-18.89	Horizontal
15690.18	39.12	21.83	17.66	34.46	44.15	74.00	-29.85	Horizontal

Detector: AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
10460.11	40.20	16.29	14.62	32.65	38.46	54.00	-15.54	Vertical
15690.01	33.92	21.83	17.66	34.46	38.95	54.00	-15.05	Vertical
10460.06	41.71	16.29	14.62	32.65	39.97	54.00	-14.03	Horizontal
15690.01	30.62	21.83	17.66	34.46	35.65	54.00	-18.35	Horizontal

U-NII 3:

802.11a(HT20) 5745MHz

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
11490.13	52.64	16.29	14.62	32.65	50.90	74.00	-23.10	Vertical
17235.30	41.08	21.83	17.66	34.46	46.11	68.20	-22.09	Vertical
11490.05	50.47	16.29	14.62	32.65	48.73	74.00	-25.27	Horizontal
17235.23	40.13	21.83	17.66	34.46	45.16	68.20	-23.04	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
11490.05	40.52	16.29	14.62	32.65	38.78	54.00	-15.22	Vertical
17235.05	35.79	21.83	17.66	34.46	40.82	54.00	-13.18	Vertical
11490.13	40.50	16.29	14.62	32.65	38.76	54.00	-15.24	Horizontal
17235.17	33.55	21.83	17.66	34.46	38.58	54.00	-15.42	Horizontal

802.11a(HT20) 5785MHz

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
11570.06	52.15	16.29	14.62	32.65	50.41	74.00	-23.59	Vertical
17355.30	39.60	21.83	17.66	34.46	44.63	68.20	-23.57	Vertical
11570.09	51.78	16.29	14.62	32.65	50.04	74.00	-23.96	Horizontal
17355.17	42.05	21.83	17.66	34.46	47.08	68.20	-21.12	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
11570.13	42.77	16.29	14.62	32.65	41.03	54.00	-12.97	Vertical
17355.01	34.36	21.83	17.66	34.46	39.39	54.00	-14.61	Vertical
11570.15	40.78	16.29	14.62	32.65	39.04	54.00	-14.96	Horizontal
17355.12	34.09	21.83	17.66	34.46	39.12	54.00	-14.88	Horizontal

802.11a(HT20) 5825MHz

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
11650.24	50.58	16.29	14.62	32.65	48.84	74.00	-25.16	Vertical
17475.22	42.76	21.83	17.66	34.46	47.79	68.20	-20.41	Vertical
11650.23	52.62	16.29	14.62	32.65	50.88	74.00	-23.12	Horizontal
17475.31	38.88	21.83	17.66	34.46	43.91	68.20	-24.29	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
11650.15	40.51	16.29	14.62	32.65	38.77	54.00	-15.23	Vertical
17475.27	34.39	21.83	17.66	34.46	39.42	54.00	-14.58	Vertical
11650.06	40.46	16.29	14.62	32.65	38.72	54.00	-15.28	Horizontal
17475.19	32.09	21.83	17.66	34.46	37.12	54.00	-16.88	Horizontal

802.11n(HT20) 5745MHz

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
11490.30	49.64	16.29	14.62	32.65	47.90	74.00	-26.10	Vertical
17235.01	41.85	21.83	17.66	34.46	46.88	68.20	-21.32	Vertical
11490.01	53.42	16.29	14.62	32.65	51.68	74.00	-22.32	Horizontal
17235.31	40.74	21.83	17.66	34.46	45.77	68.20	-22.43	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
11490.21	41.66	16.29	14.62	32.65	39.92	54.00	-14.08	Vertical
17235.21	36.30	21.83	17.66	34.46	41.33	54.00	-12.67	Vertical
11490.15	40.46	16.29	14.62	32.65	38.72	54.00	-15.28	Horizontal
17235.23	32.95	21.83	17.66	34.46	37.98	54.00	-16.02	Horizontal

802.11n(HT20) 5785MHz

Detector: PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11570.16	52.79	16.29	14.62	32.65	51.05	74.00	-22.95	Vertical
17355.16	40.53	21.83	17.66	34.46	45.56	68.20	-22.64	Vertical
11570.08	54.23	16.29	14.62	32.65	52.49	74.00	-21.51	Horizontal
17355.14	40.61	21.83	17.66	34.46	45.64	68.20	-22.56	Horizontal

Detector: AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11570.28	40.19	16.29	14.62	32.65	38.45	54.00	-15.55	Vertical
17355.04	35.65	21.83	17.66	34.46	40.68	54.00	-13.32	Vertical
11570.15	41.04	16.29	14.62	32.65	39.30	54.00	-14.70	Horizontal
17355.29	34.20	21.83	17.66	34.46	39.23	54.00	-14.77	Horizontal

802.11n(HT20) 5825MHz

Detector: PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11650.09	52.02	16.29	14.62	32.65	50.28	74.00	-23.72	Vertical
17475.27	40.22	21.83	17.66	34.46	45.25	68.20	-22.95	Vertical
11650.08	52.71	16.29	14.62	32.65	50.97	74.00	-23.03	Horizontal
17475.09	42.21	21.83	17.66	34.46	47.24	68.20	-20.96	Horizontal

Detector: AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11650.05	41.15	16.29	14.62	32.65	39.41	54.00	-14.59	Vertical
17475.25	33.62	21.83	17.66	34.46	38.65	54.00	-15.35	Vertical
11650.31	39.47	16.29	14.62	32.65	37.73	54.00	-16.27	Horizontal
17475.04	31.74	21.83	17.66	34.46	36.77	54.00	-17.23	Horizontal

802.11ac(VHT20) 5745MHz

Detector: PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11490.23	52.81	16.29	14.62	32.65	51.07	74.00	-22.93	Vertical
17235.17	39.60	21.83	17.66	34.46	44.63	68.20	-23.57	Vertical
11490.06	52.53	16.29	14.62	32.65	50.79	74.00	-23.21	Horizontal
17235.12	41.06	21.83	17.66	34.46	46.09	68.20	-22.11	Horizontal

Detector: AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11490.09	40.60	16.29	14.62	32.65	38.86	54.00	-15.14	Vertical
17235.16	35.90	21.83	17.66	34.46	40.93	54.00	-13.07	Vertical
11490.16	41.60	16.29	14.62	32.65	39.86	54.00	-14.14	Horizontal
17235.11	33.49	21.83	17.66	34.46	38.52	54.00	-15.48	Horizontal

802.11ac(VHT20) 5785MHz

Detector: PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11570.07	52.21	16.29	14.62	32.65	50.47	74.00	-23.53	Vertical
17355.11	42.40	21.83	17.66	34.46	47.43	68.20	-20.77	Vertical
11570.03	50.94	16.29	14.62	32.65	49.20	74.00	-24.80	Horizontal
17355.07	41.56	21.83	17.66	34.46	46.59	68.20	-21.61	Horizontal

Detector: AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11570.30	39.66	16.29	14.62	32.65	37.92	54.00	-16.08	Vertical
17355.05	34.09	21.83	17.66	34.46	39.12	54.00	-14.88	Vertical
11570.12	38.61	16.29	14.62	32.65	36.87	54.00	-17.13	Horizontal
17355.32	31.32	21.83	17.66	34.46	36.35	54.00	-17.65	Horizontal

802.11ac(VHT20) 5825MHz

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
11650.19	52.53	16.29	14.62	32.65	50.79	74.00	-23.21	Vertical
17475.16	39.20	21.83	17.66	34.46	44.23	68.20	-23.97	Vertical
11650.13	53.75	16.29	14.62	32.65	52.01	74.00	-21.99	Horizontal
17475.29	39.66	21.83	17.66	34.46	44.69	68.20	-23.51	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
11650.07	43.13	16.29	14.62	32.65	41.39	54.00	-12.61	Vertical
17475.17	34.57	21.83	17.66	34.46	39.60	54.00	-14.40	Vertical
11650.26	41.75	16.29	14.62	32.65	40.01	54.00	-13.99	Horizontal
17475.27	34.10	21.83	17.66	34.46	39.13	54.00	-14.87	Horizontal

802.11ax(HE20) 5745MHz

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
11490.09	52.00	16.29	14.62	32.65	50.26	74.00	-23.74	Vertical
17235.03	40.47	21.83	17.66	34.46	45.50	68.20	-22.70	Vertical
11490.22	54.00	16.29	14.62	32.65	52.26	74.00	-21.74	Horizontal
17235.22	42.16	21.83	17.66	34.46	47.19	68.20	-21.01	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
11490.13	40.04	16.29	14.62	32.65	38.30	54.00	-15.70	Vertical
17235.24	35.25	21.83	17.66	34.46	40.28	54.00	-13.72	Vertical
11490.21	41.93	16.29	14.62	32.65	40.19	54.00	-13.81	Horizontal
17235.08	32.78	21.83	17.66	34.46	37.81	54.00	-16.19	Horizontal

802.11ax(HE20) 5785MHz

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
11570.15	52.24	16.29	14.62	32.65	50.50	74.00	-23.50	Vertical
17355.19	39.69	21.83	17.66	34.46	44.72	68.20	-23.48	Vertical
11570.06	51.84	16.29	14.62	32.65	50.10	74.00	-23.90	Horizontal
17355.18	39.61	21.83	17.66	34.46	44.64	68.20	-23.56	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
11570.25	40.37	16.29	14.62	32.65	38.63	54.00	-15.37	Vertical
17355.29	36.42	21.83	17.66	34.46	41.45	54.00	-12.55	Vertical
11570.19	38.65	16.29	14.62	32.65	36.91	54.00	-17.09	Horizontal
17355.11	31.92	21.83	17.66	34.46	36.95	54.00	-17.05	Horizontal

802.11ax(HE20) 5825MHz

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
11650.18	50.98	16.29	14.62	32.65	49.24	74.00	-24.76	Vertical
17475.00	39.64	21.83	17.66	34.46	44.67	68.20	-23.53	Vertical
11650.07	51.20	16.29	14.62	32.65	49.46	74.00	-24.54	Horizontal
17475.13	41.44	21.83	17.66	34.46	46.47	68.20	-21.73	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
11650.23	40.80	16.29	14.62	32.65	39.06	54.00	-14.94	Vertical
17475.26	33.57	21.83	17.66	34.46	38.60	54.00	-15.40	Vertical
11650.31	40.62	16.29	14.62	32.65	38.88	54.00	-15.12	Horizontal
17475.30	32.58	21.83	17.66	34.46	37.61	54.00	-16.39	Horizontal

802.11n(HT40) 5755MHz

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
11510.10	51.78	16.29	14.62	32.65	50.04	74.00	-23.96	Vertical
17265.18	42.30	21.83	17.66	34.46	47.33	68.20	-20.87	Vertical
11510.14	53.76	16.29	14.62	32.65	52.02	74.00	-21.98	Horizontal
17265.12	38.76	21.83	17.66	34.46	43.79	68.20	-24.41	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
11510.14	42.25	16.29	14.62	32.65	40.51	54.00	-13.49	Vertical
17265.07	36.14	21.83	17.66	34.46	41.17	54.00	-12.83	Vertical
11510.16	38.73	16.29	14.62	32.65	36.99	54.00	-17.01	Horizontal
17265.04	30.68	21.83	17.66	34.46	35.71	54.00	-18.29	Horizontal

802.11n(HT40) 5795MHz

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
11590.02	53.15	16.29	14.62	32.65	51.41	74.00	-22.59	Vertical
17385.18	41.90	21.83	17.66	34.46	46.93	68.20	-21.27	Vertical
11590.12	50.68	16.29	14.62	32.65	48.94	74.00	-25.06	Horizontal
17385.18	40.59	21.83	17.66	34.46	45.62	68.20	-22.58	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
11590.19	39.47	16.29	14.62	32.65	37.73	54.00	-16.27	Vertical
17385.09	34.94	21.83	17.66	34.46	39.97	54.00	-14.03	Vertical
11590.12	39.82	16.29	14.62	32.65	38.08	54.00	-15.92	Horizontal
17385.14	32.86	21.83	17.66	34.46	37.89	54.00	-16.11	Horizontal

802.11ac(VHT40) 5755MHz

Detector: PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11510.32	52.86	16.29	14.62	32.65	51.12	74.00	-22.88	Vertical
17265.11	39.33	21.83	17.66	34.46	44.36	68.20	-23.84	Vertical
11510.05	50.56	16.29	14.62	32.65	48.82	74.00	-25.18	Horizontal
17265.26	40.23	21.83	17.66	34.46	45.26	68.20	-22.94	Horizontal

Detector: AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11510.27	41.18	16.29	14.62	32.65	39.44	54.00	-14.56	Vertical
17265.12	33.50	21.83	17.66	34.46	38.53	54.00	-15.47	Vertical
11510.00	38.48	16.29	14.62	32.65	36.74	54.00	-17.26	Horizontal
17265.25	31.00	21.83	17.66	34.46	36.03	54.00	-17.97	Horizontal

802.11ac(VHT40) 5795MHz

Detector: PK

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11590.11	50.46	16.29	14.62	32.65	48.72	74.00	-25.28	Vertical
17385.29	40.77	21.83	17.66	34.46	45.80	68.20	-22.40	Vertical
11590.26	51.47	16.29	14.62	32.65	49.73	74.00	-24.27	Horizontal
17385.25	40.62	21.83	17.66	34.46	45.65	68.20	-22.55	Horizontal

Detector: AV

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
11590.03	43.03	16.29	14.62	32.65	41.29	54.00	-12.71	Vertical
17385.22	33.96	21.83	17.66	34.46	38.99	54.00	-15.01	Vertical
11590.06	40.07	16.29	14.62	32.65	38.33	54.00	-15.67	Horizontal
17385.19	32.66	21.83	17.66	34.46	37.69	54.00	-16.31	Horizontal

802.11ax(HE40) 5755MHz

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
11510.16	53.12	16.29	14.62	32.65	51.38	74.00	-22.62	Vertical
17265.26	40.20	21.83	17.66	34.46	45.23	68.20	-22.97	Vertical
11510.16	53.28	16.29	14.62	32.65	51.54	74.00	-22.46	Horizontal
17265.20	42.04	21.83	17.66	34.46	47.07	68.20	-21.13	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
11510.24	41.16	16.29	14.62	32.65	39.42	54.00	-14.58	Vertical
17265.00	34.05	21.83	17.66	34.46	39.08	54.00	-14.92	Vertical
11510.07	42.02	16.29	14.62	32.65	40.28	54.00	-13.72	Horizontal
17265.26	31.82	21.83	17.66	34.46	36.85	54.00	-17.15	Horizontal

802.11ax(HE40) 5795MHz

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
11590.19	51.08	16.29	14.62	32.65	49.34	74.00	-24.66	Vertical
17385.27	39.63	21.83	17.66	34.46	44.66	68.20	-23.54	Vertical
11590.23	54.06	16.29	14.62	32.65	52.32	74.00	-21.68	Horizontal
17385.00	41.09	21.83	17.66	34.46	46.12	68.20	-22.08	Horizontal

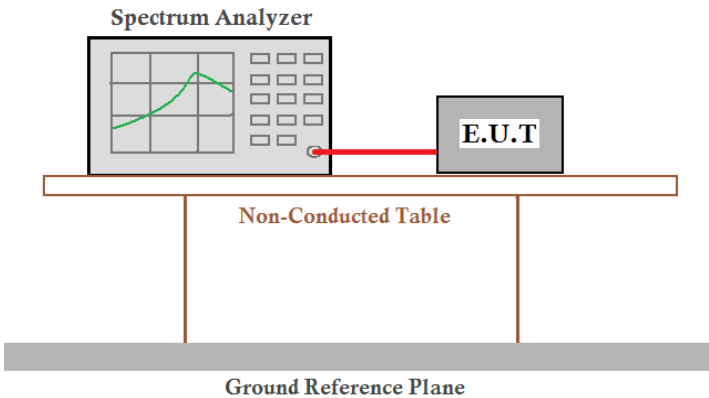
Detector: AV

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
11590.09	40.32	16.29	14.62	32.65	38.58	54.00	-15.42	Vertical
17385.01	33.94	21.83	17.66	34.46	38.97	54.00	-15.03	Vertical
11590.13	41.26	16.29	14.62	32.65	39.52	54.00	-14.48	Horizontal
17385.30	32.39	21.83	17.66	34.46	37.42	54.00	-16.58	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

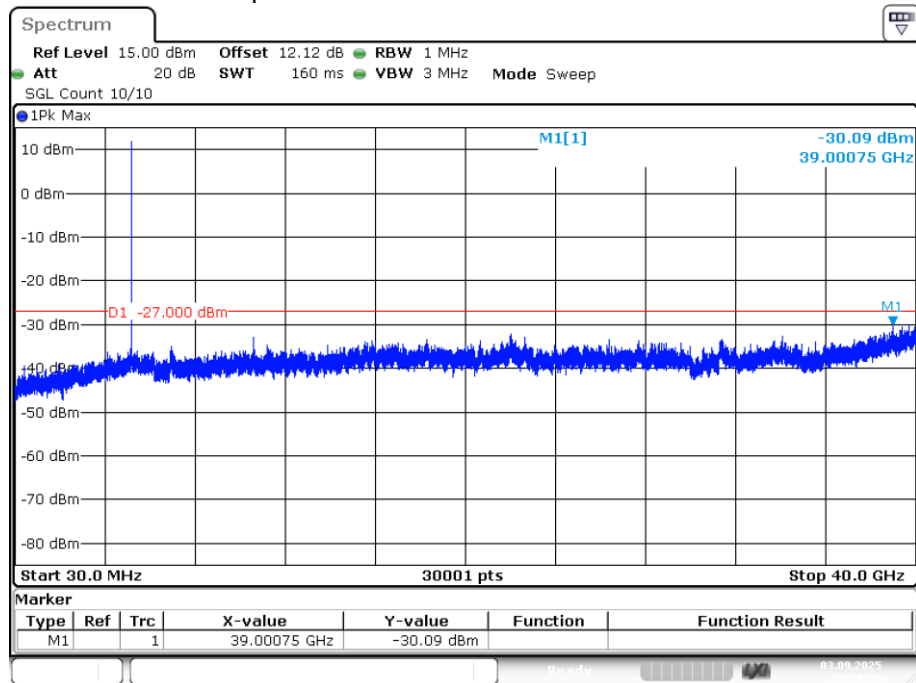
Test Requirement:	FCC Part15 E Section 15.407
Test Method:	KDB 789033 D02 General UNII Test Procedures New Rules v02r01
Limit:	- For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz. - For transmitters operating 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:	 The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T. (Equipment Under Test) via a red cable. Both the Spectrum Analyzer and the E.U.T. are placed on a Non-Conducted Table. Below the table is a Ground Reference Plane.
Test procedure:	The procedure for peak unwanted emissions measurements above 1000 MHz is as follows: - Peak emission levels are measured by setting the instrument as follows: 1) RBW = 1 MHz. 2) VBW $\geq [3 \times \text{RBW}]$. 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 1

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5180	Ant1	-30.08	-27	Pass
NVNT	a	5200	Ant1	-30.15	-27	Pass
NVNT	a	5240	Ant1	-30.23	-27	Pass
NVNT	ac20	5180	Ant1	-29.88	-27	Pass
NVNT	ac20	5200	Ant1	-30.61	-27	Pass
NVNT	ac20	5240	Ant1	-29.77	-27	Pass
NVNT	ac40	5190	Ant1	-28.67	-27	Pass
NVNT	ac40	5230	Ant1	-30.41	-27	Pass
NVNT	ax20	5180	Ant1	-29.48	-27	Pass
NVNT	ax20	5200	Ant1	-30.43	-27	Pass
NVNT	ax20	5240	Ant1	-29.84	-27	Pass
NVNT	ax40	5190	Ant1	-30.45	-27	Pass
NVNT	ax40	5230	Ant1	-29.89	-27	Pass
NVNT	n20	5180	Ant1	-30.41	-27	Pass
NVNT	n20	5200	Ant1	-29.76	-27	Pass
NVNT	n20	5240	Ant1	-30.15	-27	Pass
NVNT	n40	5190	Ant1	-30.67	-27	Pass
NVNT	n40	5230	Ant1	-29.29	-27	Pass

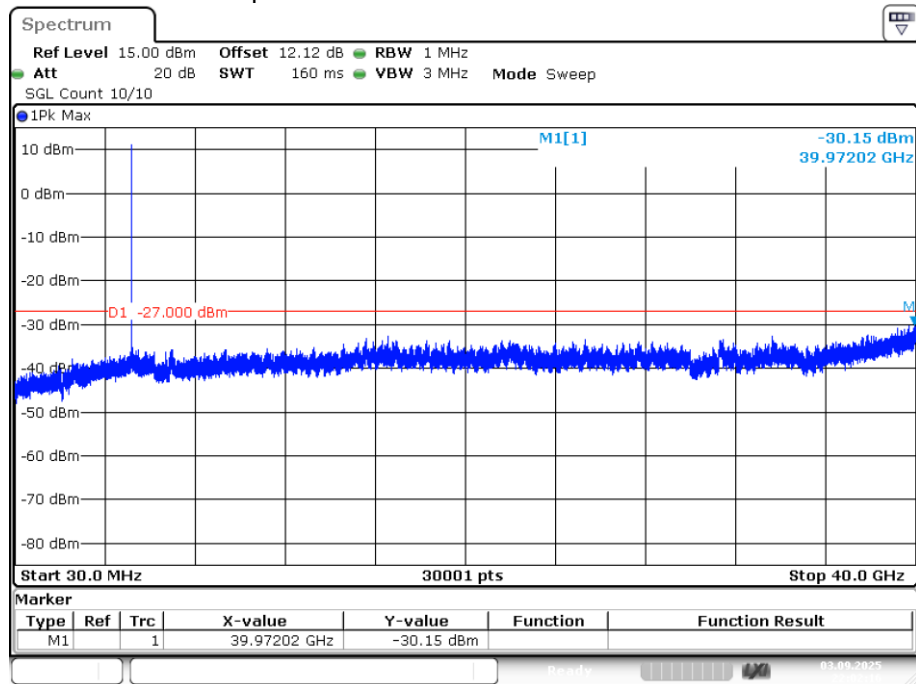
Note: The margin is at least greater than the antenna gain plus the cable loss.

Tx. Spurious NVNT a 5180MHz Ant1 Emission



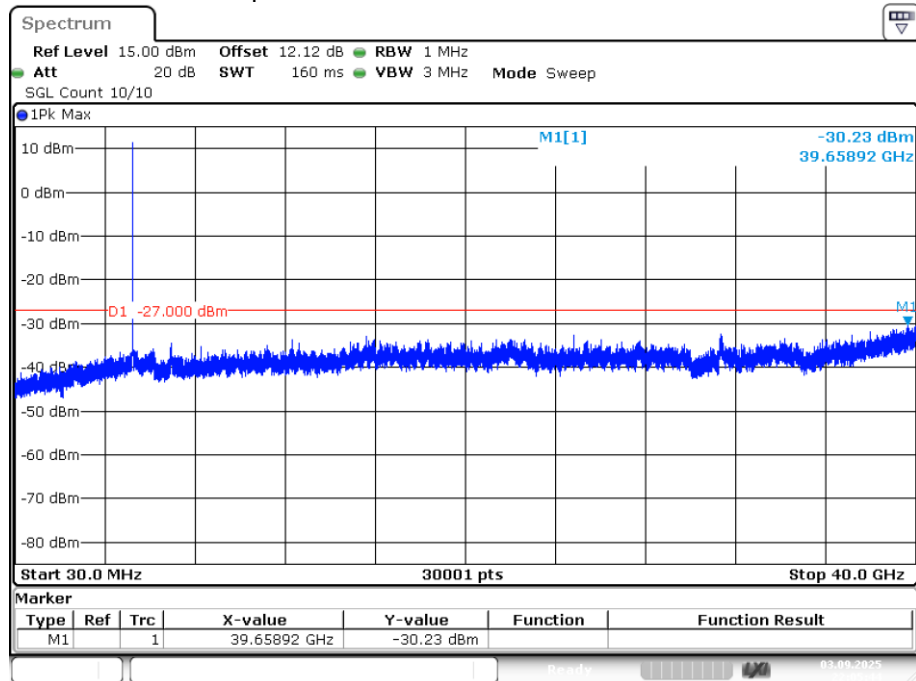
Date: 3.SEP.2025 21:56:56

Tx. Spurious NVNT a 5200MHz Ant1 Emission



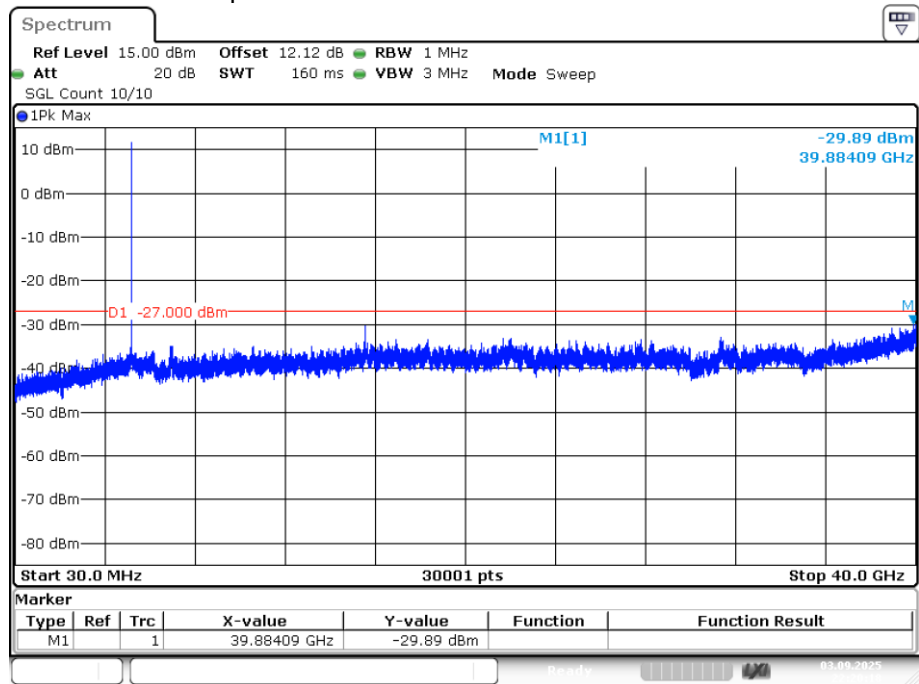
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Tx. Spurious NVNT a 5240MHz Ant1 Emission



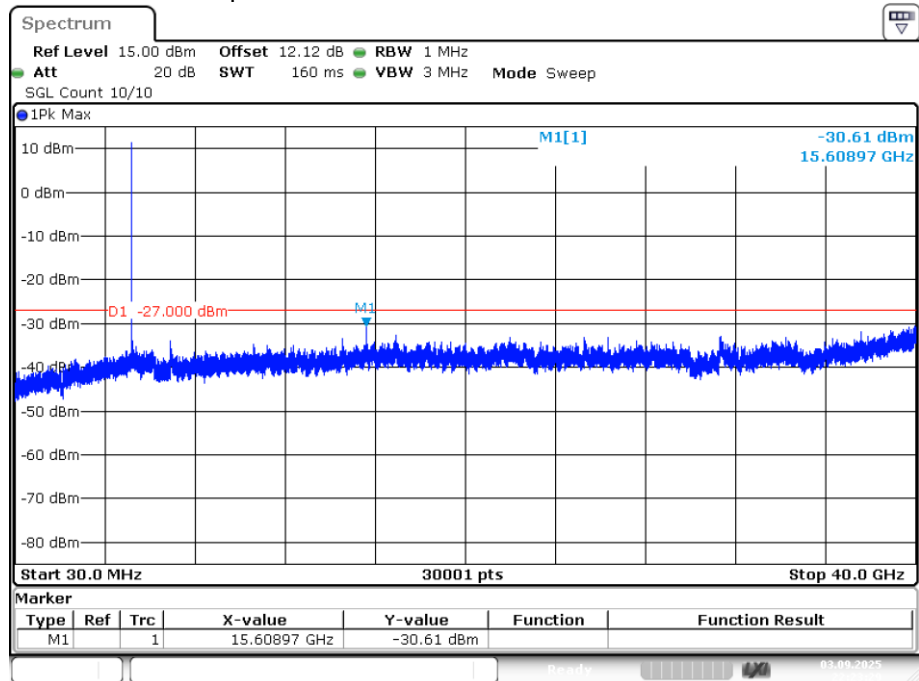
Date: 3.SEP.2025 22:05:44

Tx. Spurious NVNT ac20 5180MHz Ant1 Emission



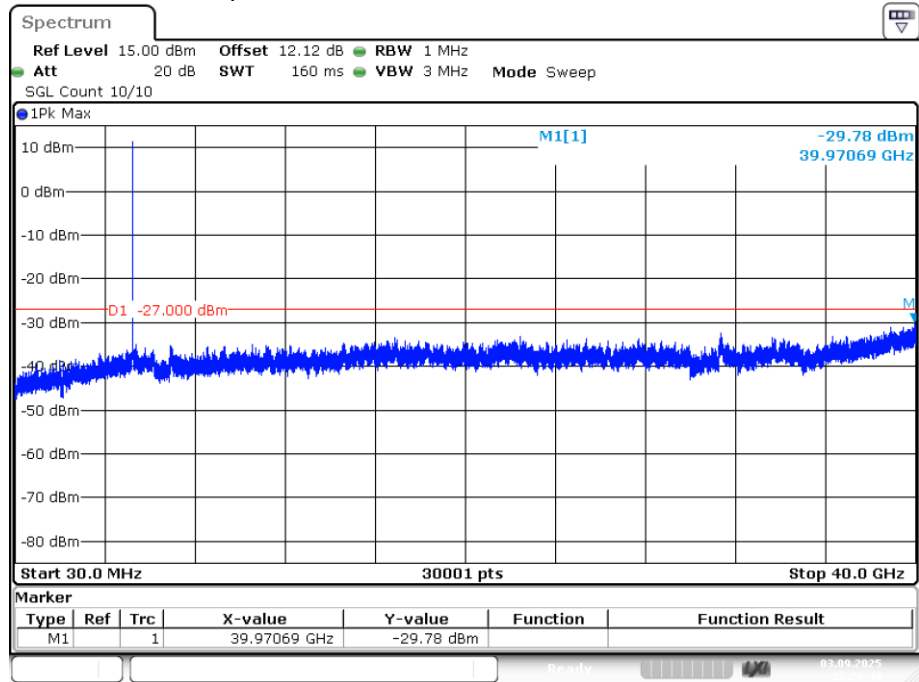
Date: 3.SEP.2025 22:20:17

Tx. Spurious NVNT ac20 5200MHz Ant1 Emission



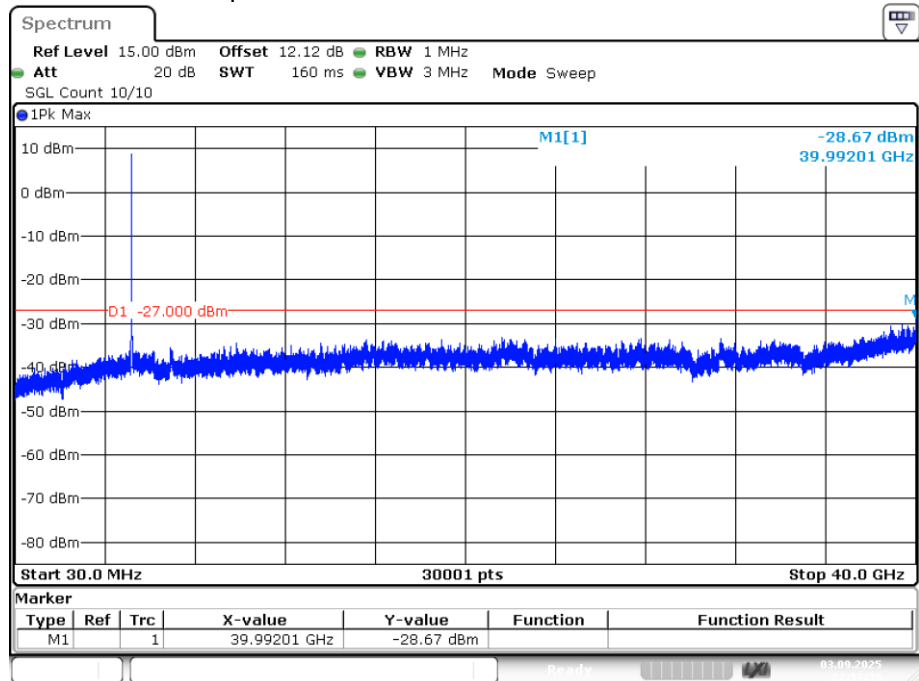
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Tx. Spurious NVNT ac20 5240MHz Ant1 Emission



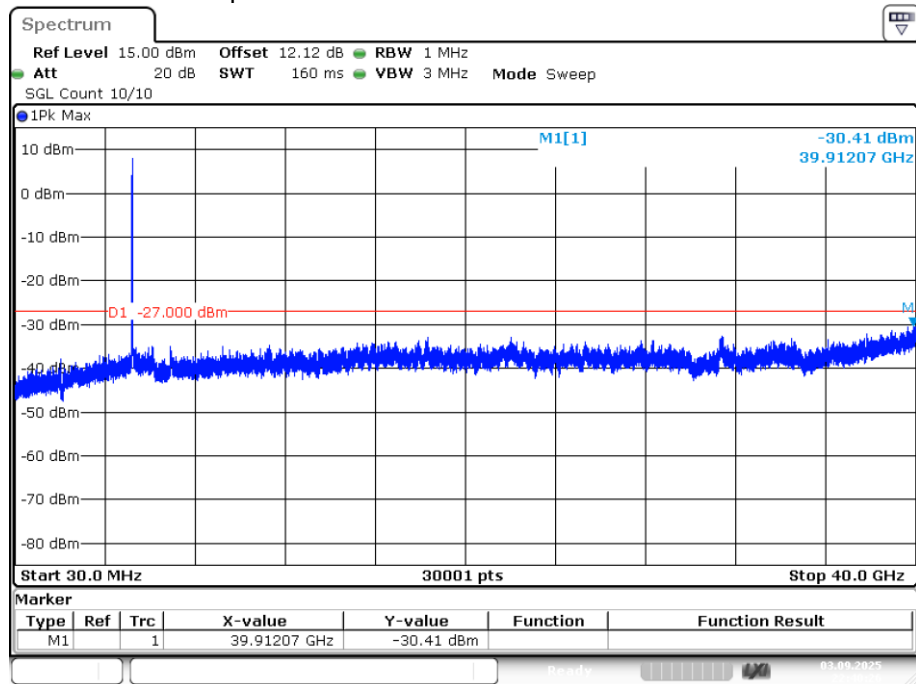
Date: 3.SEP.2025 22:26:39

Tx. Spurious NVNT ac40 5190MHz Ant1 Emission



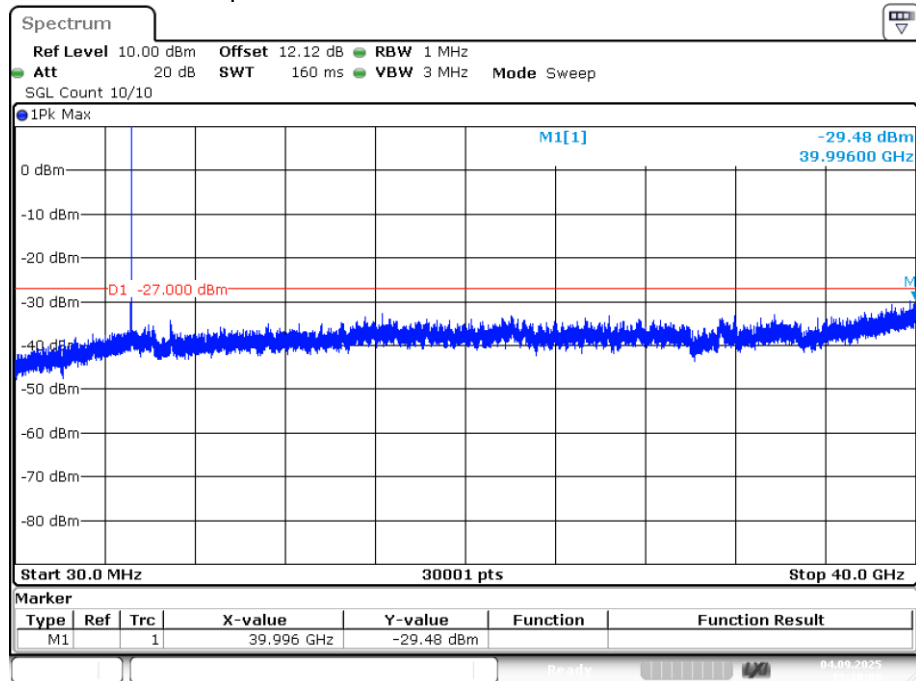
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Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



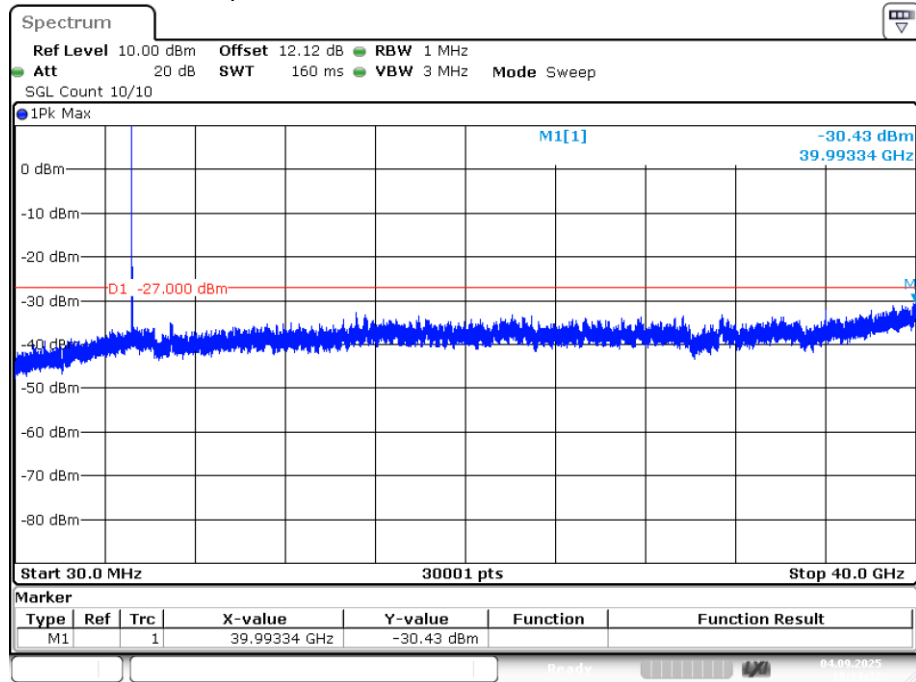
Date: 3.SEP.2025 22:40:27

Tx. Spurious NVNT ax20 5180MHz Ant1 Emission



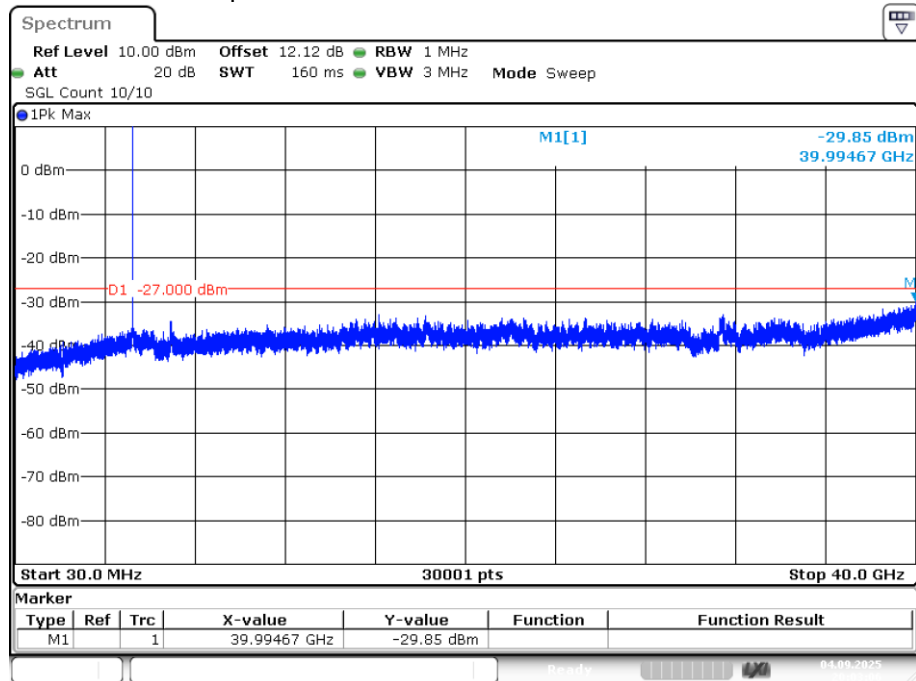
Date: 4.SEP.2025 19:10:08

Tx. Spurious NVNT ax20 5200MHz Ant1 Emission



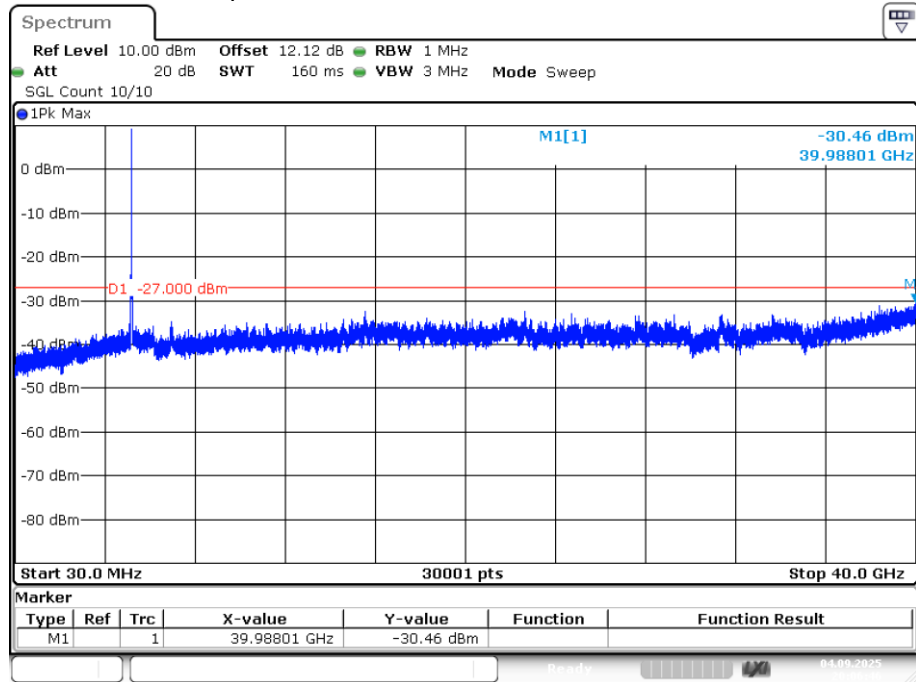
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Tx. Spurious NVNT ax20 5240MHz Ant1 Emission



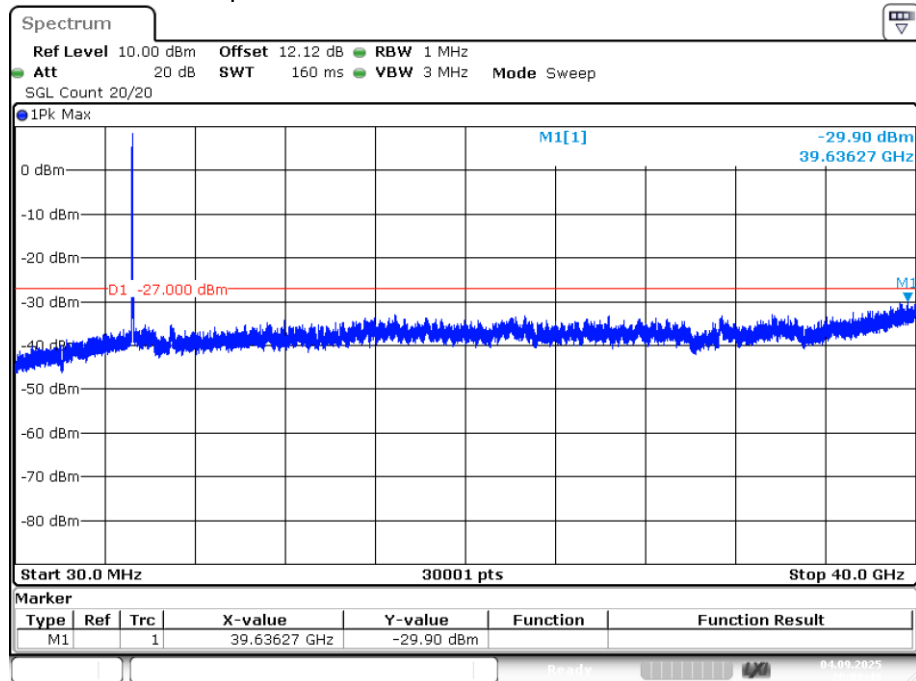
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Tx. Spurious NVNT ax40 5190MHz Ant1 Emission



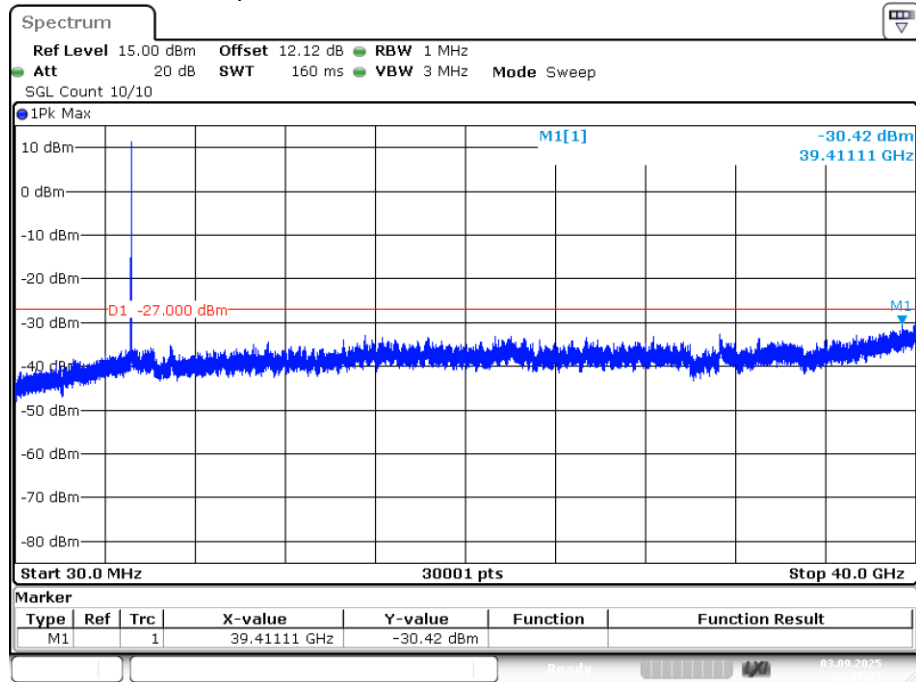
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Tx. Spurious NVNT ax40 5230MHz Ant1 Emission



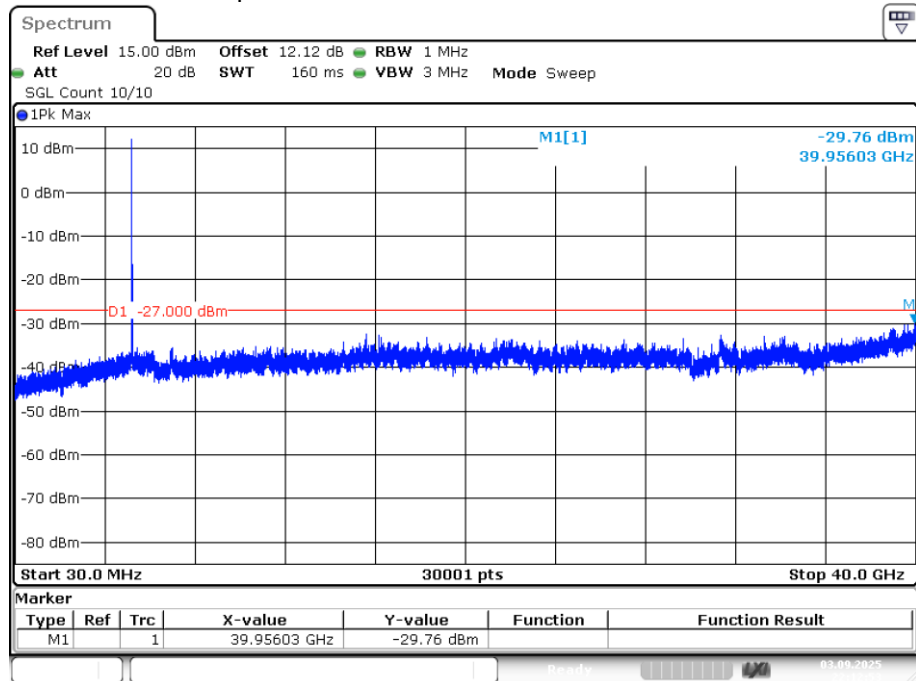
Date: 4.SEP.2025 20:09:49

Tx. Spurious NVNT n20 5180MHz Ant1 Emission



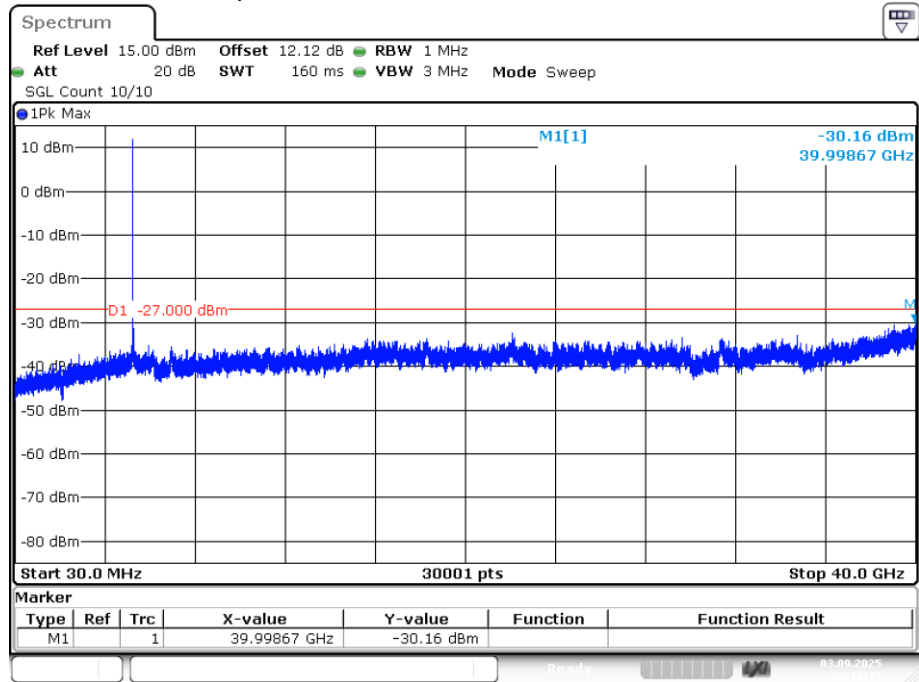
Date: 3.SEP.2025 22:09:31

Tx. Spurious NVNT n20 5200MHz Ant1 Emission



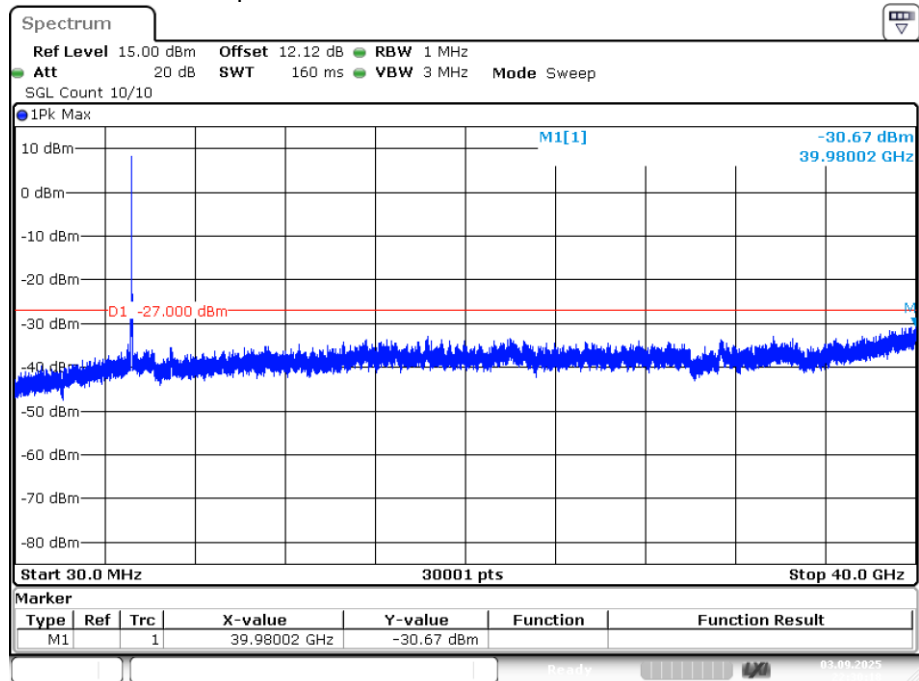
Date: 3.SEP.2025 22:12:52

Tx. Spurious NVNT n20 5240MHz Ant1 Emission



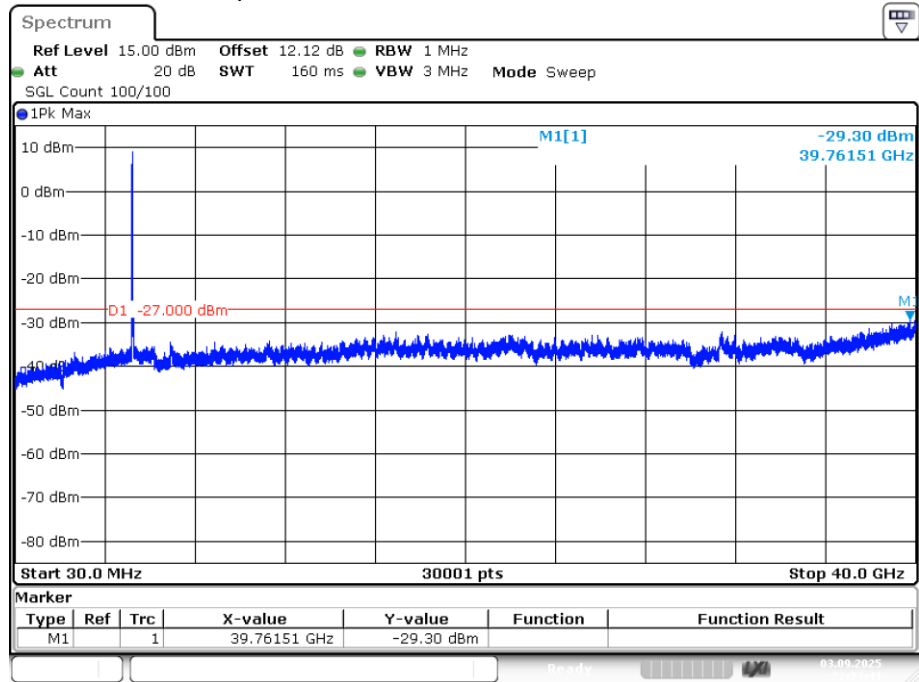
Date: 3.SEP.2025 22:16:11

Tx. Spurious NVNT n40 5190MHz Ant1 Emission



Date: 3.SEP.2025 22:30:18

Tx. Spurious NVNT n40 5230MHz Ant1 Emission



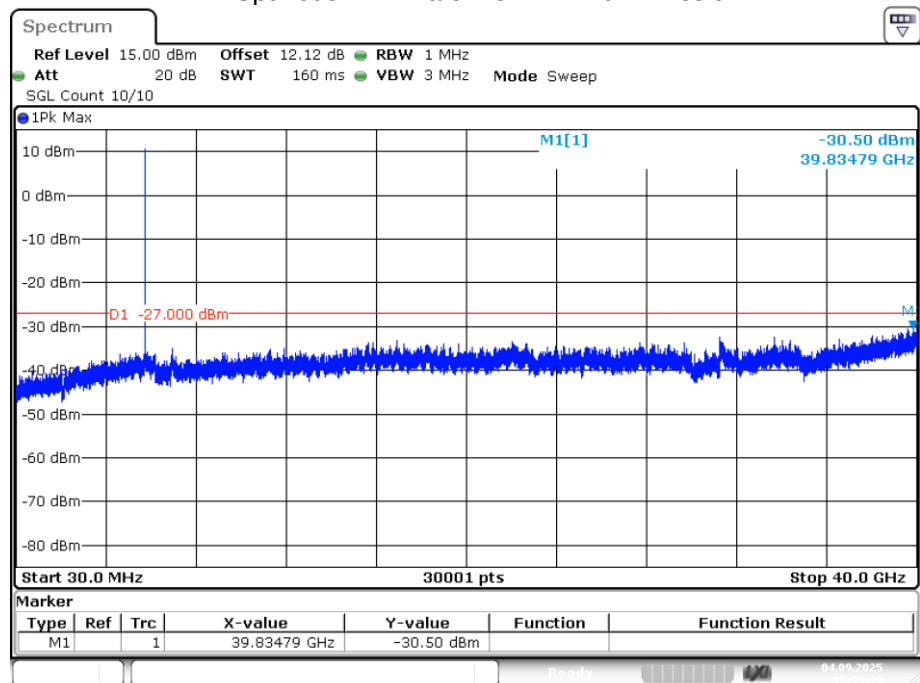
Date: 3.SEP.2025 22:34:41

U-NII 3

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-30.5	-27	Pass
NVNT	a	5785	Ant1	-29.98	-27	Pass
NVNT	a	5825	Ant1	-29.96	-27	Pass
NVNT	ac20	5745	Ant1	-30.28	-27	Pass
NVNT	ac20	5785	Ant1	-29.71	-27	Pass
NVNT	ac20	5825	Ant1	-30.55	-27	Pass
NVNT	ac40	5755	Ant1	-29.65	-27	Pass
NVNT	ac40	5795	Ant1	-29.93	-27	Pass
NVNT	ax20	5745	Ant1	-29.36	-27	Pass
NVNT	ax20	5785	Ant1	-29.91	-27	Pass
NVNT	ax20	5825	Ant1	-29.96	-27	Pass
NVNT	ax40	5755	Ant1	-30.15	-27	Pass
NVNT	ax40	5795	Ant1	-30.37	-27	Pass
NVNT	n20	5745	Ant1	-30.44	-27	Pass
NVNT	n20	5785	Ant1	-29.54	-27	Pass
NVNT	n20	5825	Ant1	-28.91	-27	Pass
NVNT	n40	5755	Ant1	-30.21	-27	Pass
NVNT	n40	5795	Ant1	-29.29	-27	Pass

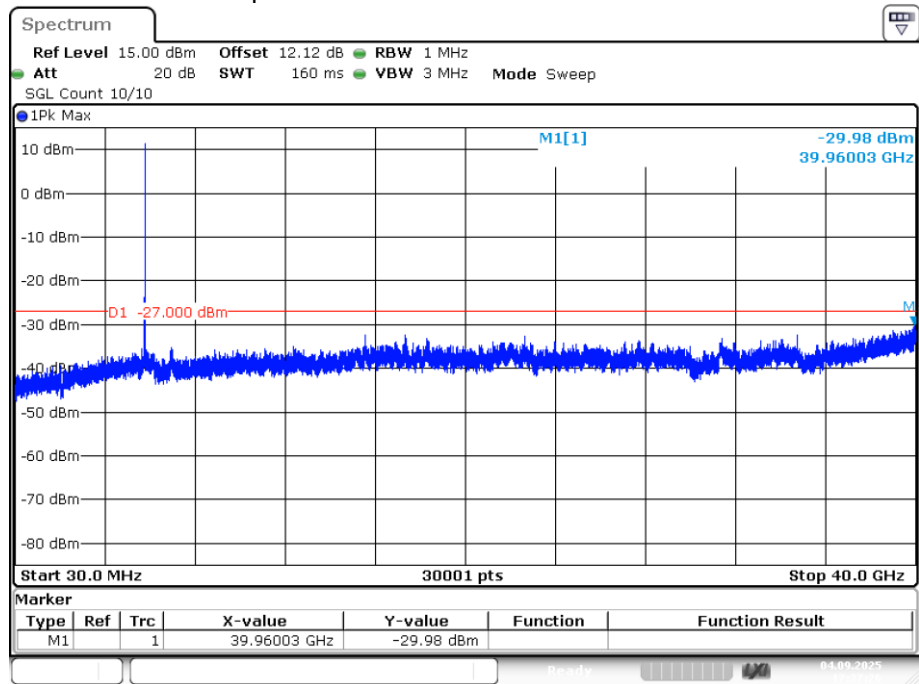
Note: The margin is at least greater than the antenna gain plus the cable loss.

Tx. Spurious NVNT a 5745MHz Ant1 Emission



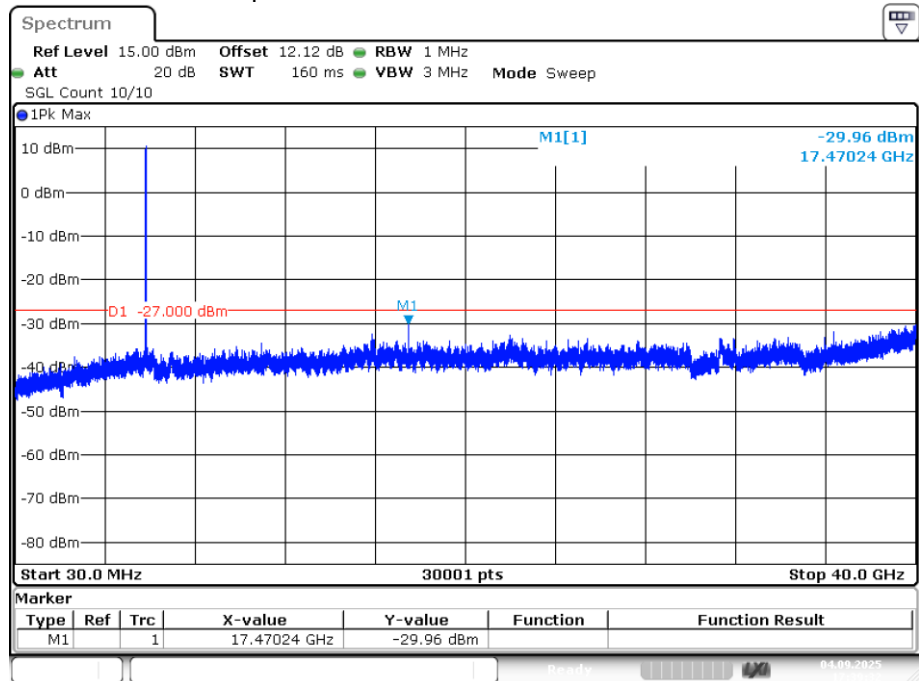
Date: 4.SEP.2025 17:34:39

Tx. Spurious NVNT a 5785MHz Ant1 Emission



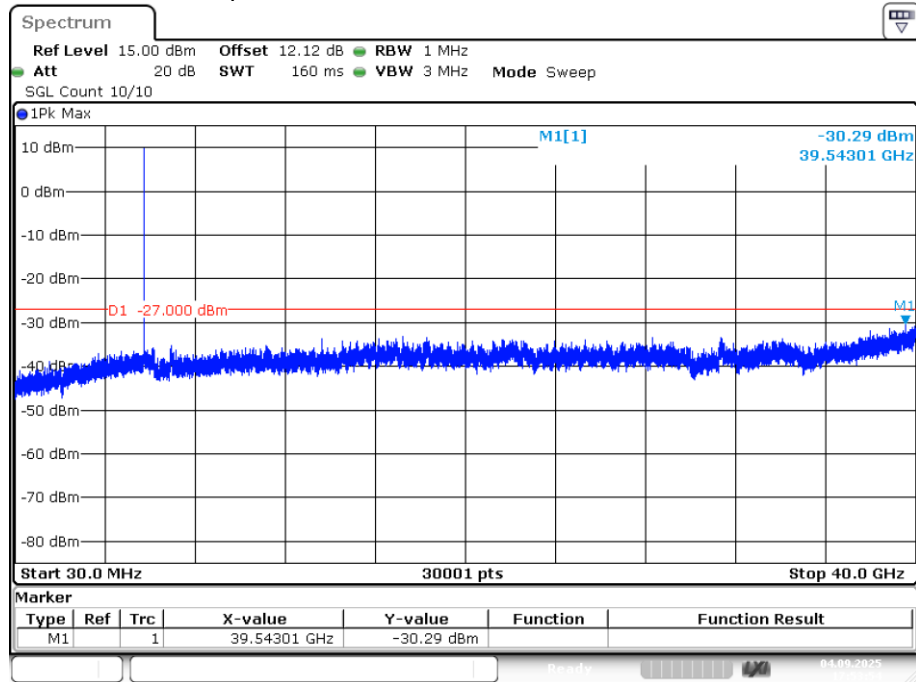
Date: 4.SEP.2025 17:37:25

Tx. Spurious NVNT a 5825MHz Ant1 Emission



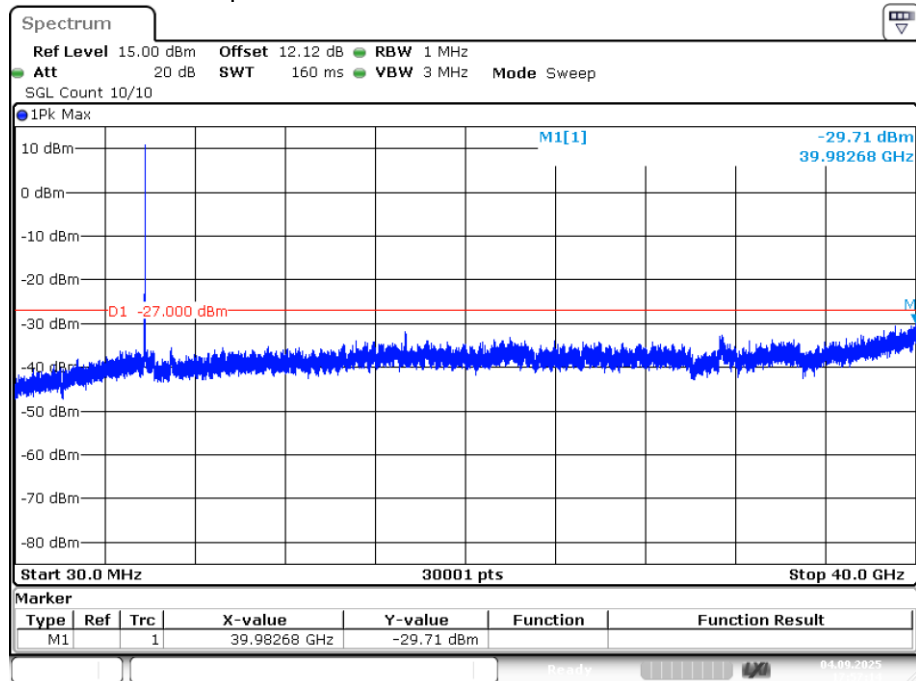
Date: 4.SEP.2025 17:39:32

Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



Date: 4.SEP.2025 17:53:54

Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



Date: 4.SEP.2025 17:57:14