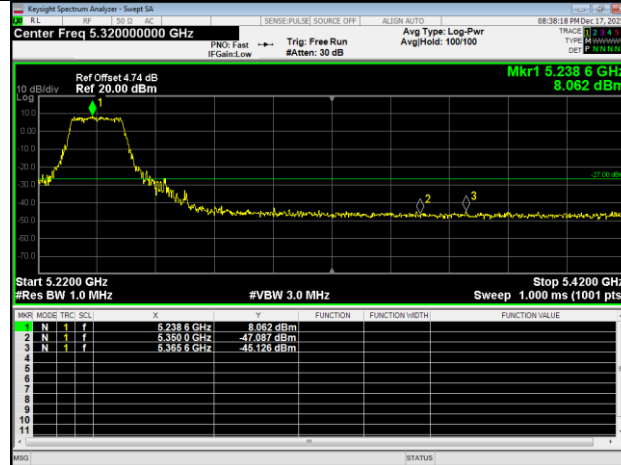


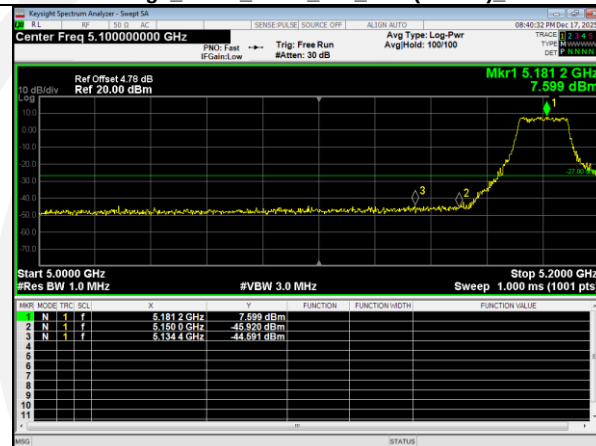
Band1



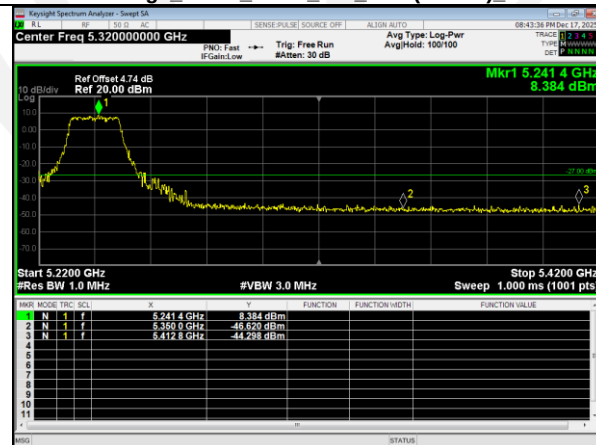
Bandedge_NVNT_ANT1_802_11n(HT20)_5240



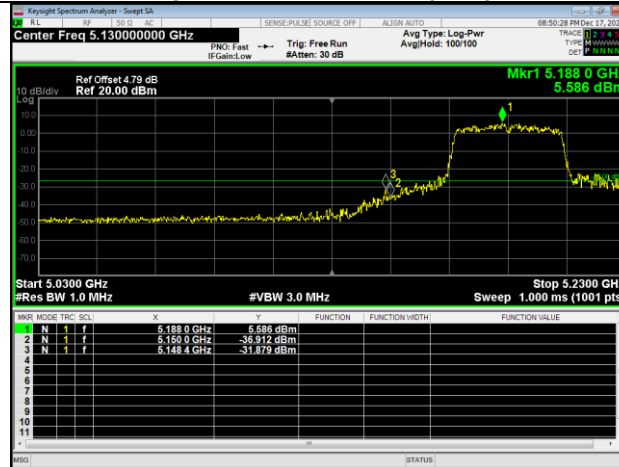
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Bandedge_NVNT_ANT1_802_11ac(VHT20)_5240



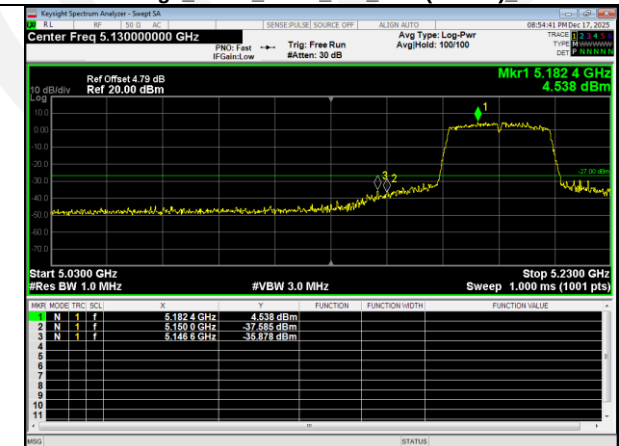
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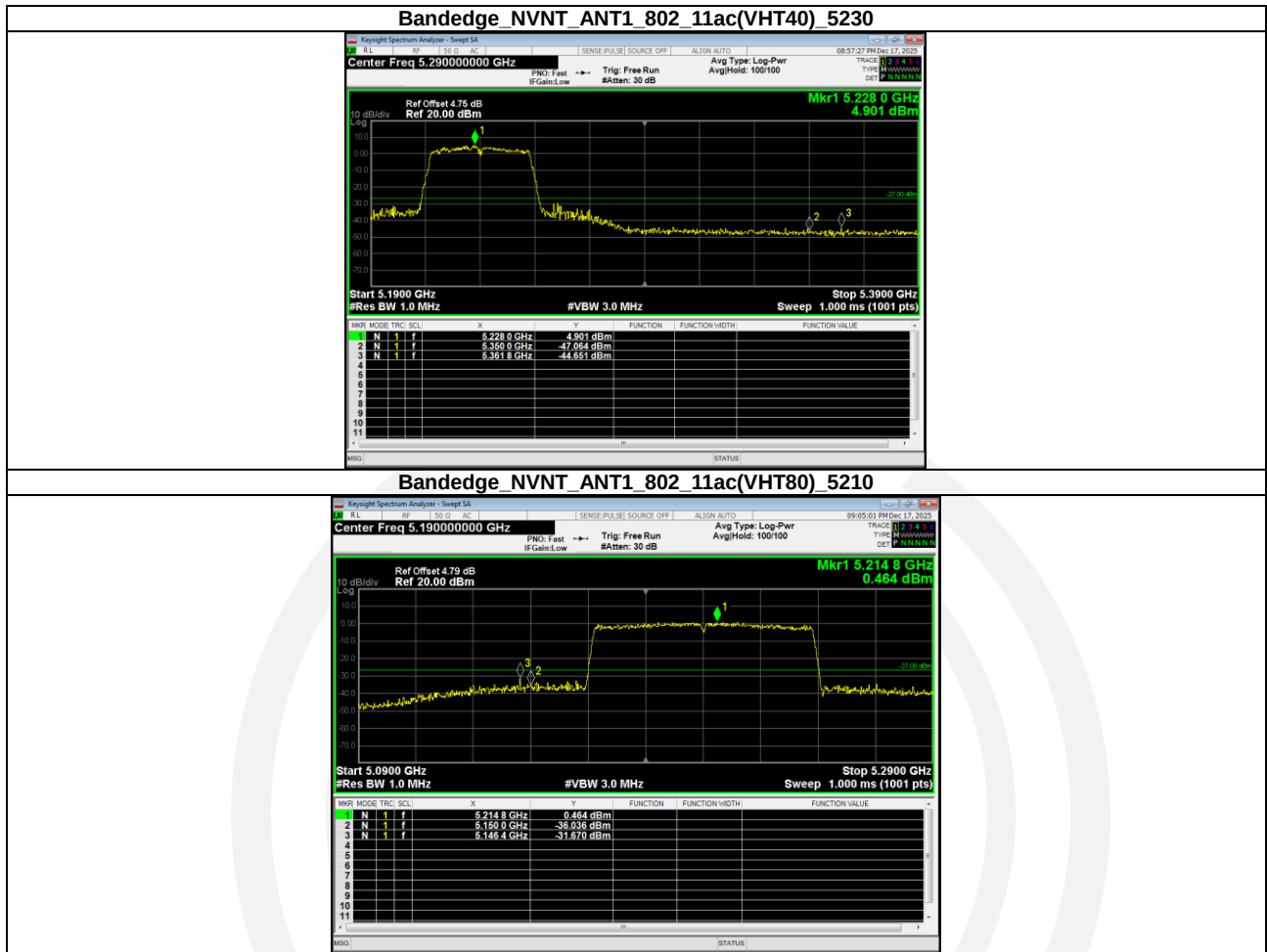


Bandedge_NVNT_ANT1_802_11n(HT40)_5230



Bandedge_NVNT_ANT1_802_11ac(VHT40)_5190

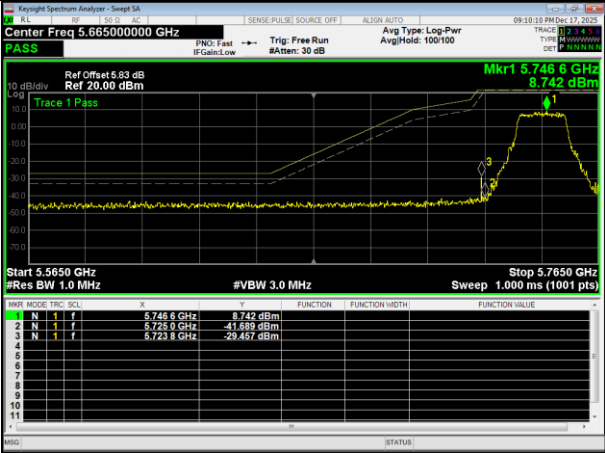




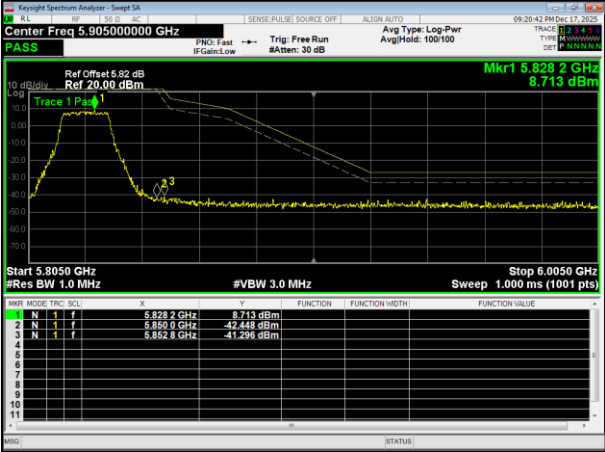
Band4

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-29.45	-27	Pass
NVNT	a	5825	Ant1	-41.29	-27	Pass
NVNT	n20	5745	Ant1	-36.28	-27	Pass
NVNT	n20	5825	Ant1	-41.14	-27	Pass
NVNT	n40	5755	Ant1	-37.95	-27	Pass
NVNT	n40	5795	Ant1	-42.97	-27	Pass
NVNT	ac20	5745	Ant1	-38.48	-27	Pass
NVNT	ac20	5825	Ant1	-35.7	-27	Pass
NVNT	ac40	5755	Ant1	-37.79	-27	Pass
NVNT	ac40	5795	Ant1	-43.38	-27	Pass
NVNT	ac80	5775	Ant1	-35.53	-27	Pass

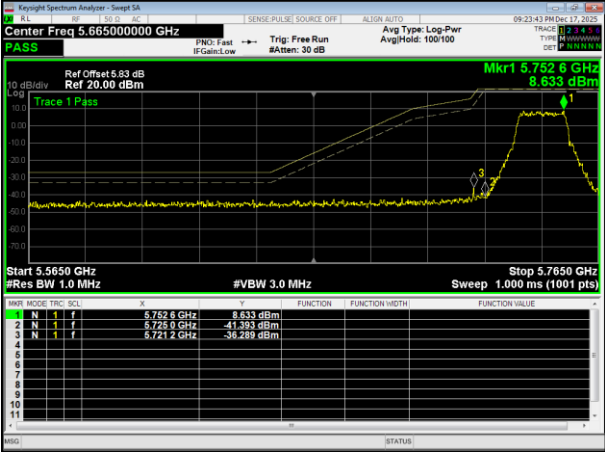
Bandedge_NVNT_ANT1_802_11a_5745



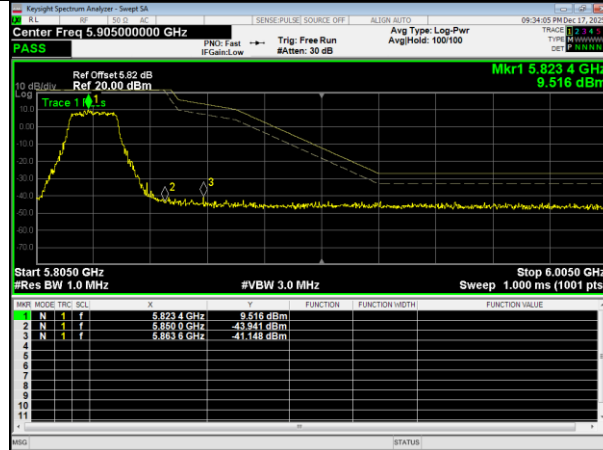
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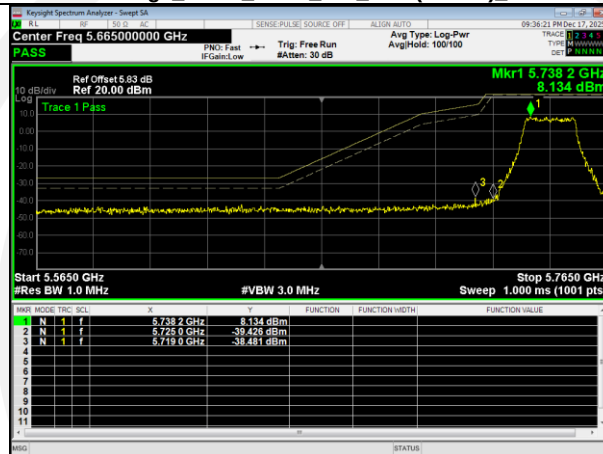
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Bandedge_NVNT_ANT1_802_11n(HT20)_5825



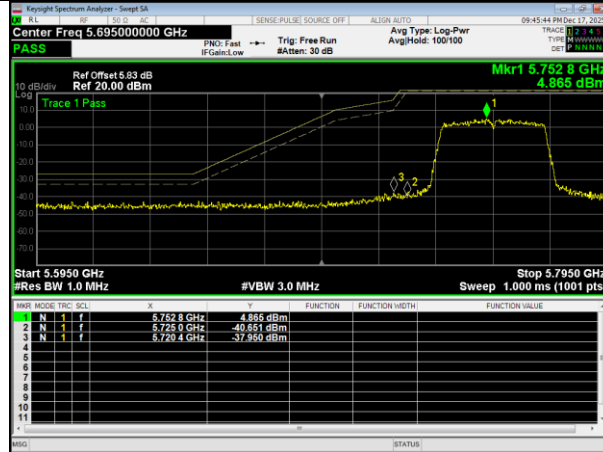
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Bandedge_NVNT_ANT1_802_11ac(VHT20)_5825



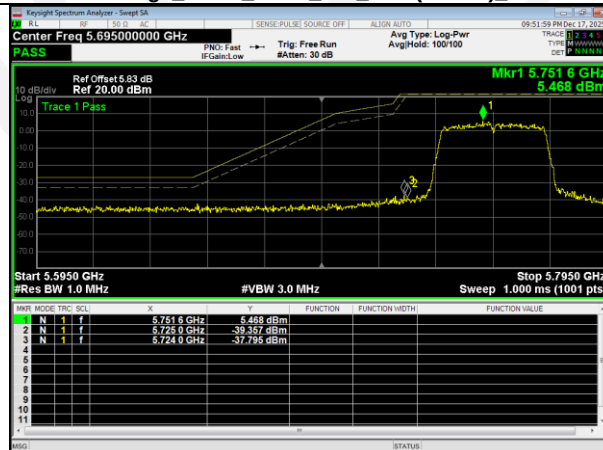
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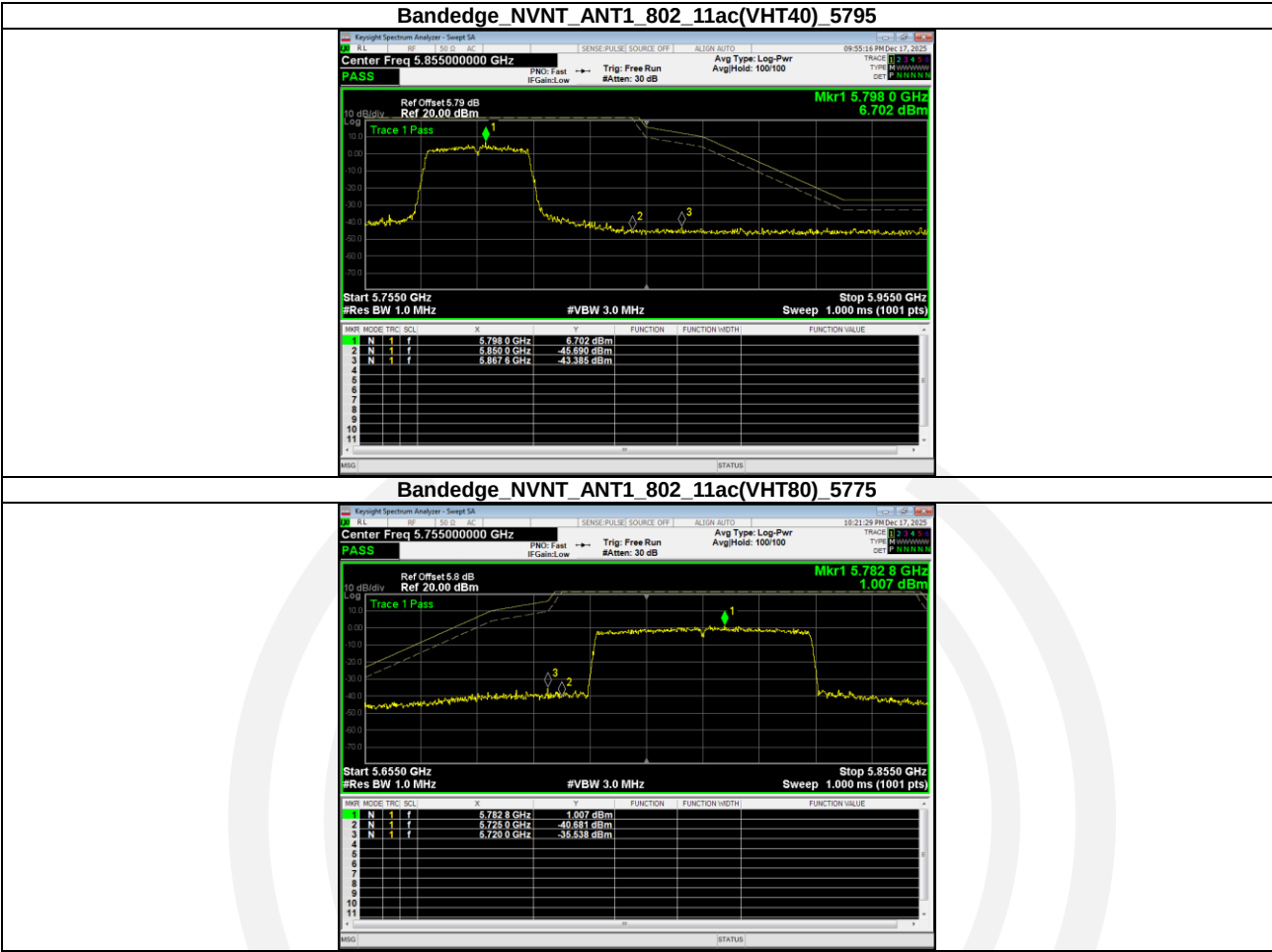


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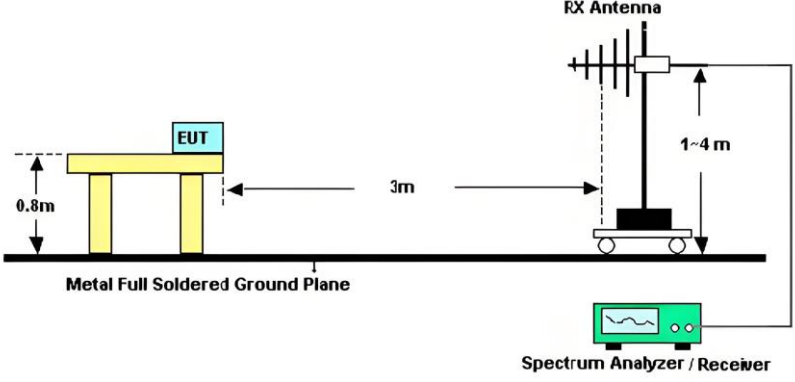
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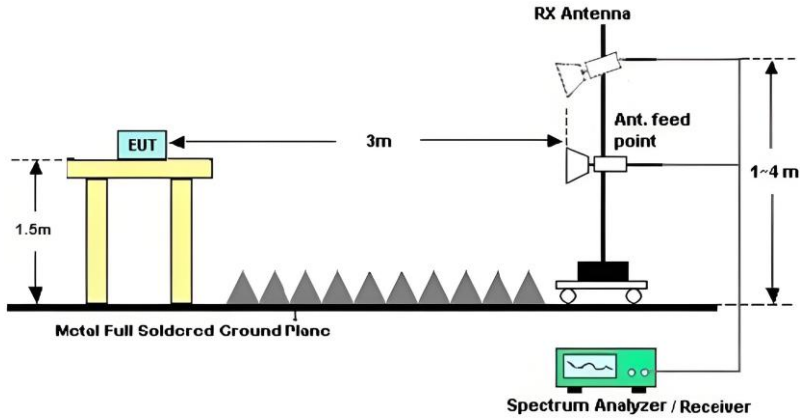




4.7 Radiated Emission

Test Requirement:	FCC Part15 C Section 15.209 and 15.205				
Test Method:	ANSI C63.10-2020				
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: $EIRP(dBm) = Pg(dBm) - \text{cable loss (dB)} + \text{antenna gain (dBi)}$where: Pg is the generator output power into the substitution antenna.
Test setup:	Below 1GHz  Above 1GHz

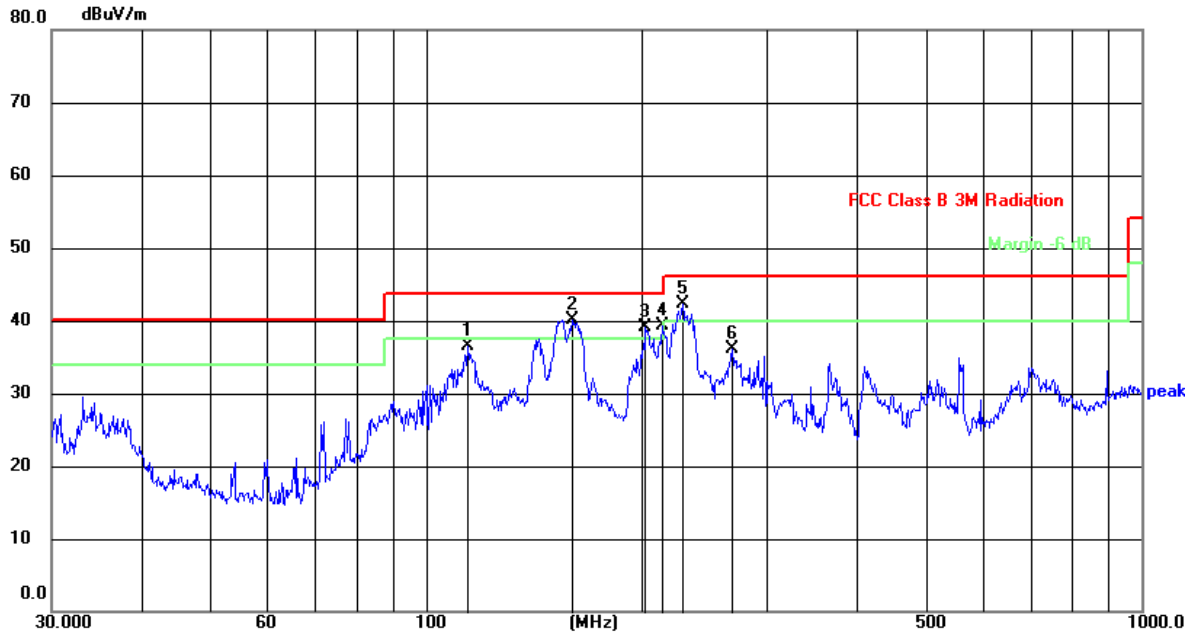
	
Test Instruments:	Refer to section 3.0 for details
Test mode:	Refer to section 2.2 for details
Test results:	Pass

Measurement Data:

We have scanned from 9kHz to the 10th harmonic of the EUT's highest frequency.
Detailed information please see the following page.

From 9KHz to 30MHz:			
Test Date	: 2025.12.09	Temperature	: 24.6℃
Test Engineer	: Felix Pang	Humidity	: 47%
Test Mode	: IEEE 802.11ac mode		
Test Results	: PASS		
Note:	The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.		

From 30MHz to 1000MHz:			
Test Date	: 2025.12.09	Temperature	: 24.6℃
Test Engineer	: Felix Pang	Humidity	: 47%
Test Mode	: IEEE 802.11ac mode		
Test Results	: PASS		
Note:	1. The test results are listed in next pages. 2. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector and quasi-peak detector need not be carried out. 3. All modes and channels have been tested, and only worst data of IEEE 802.11ac(VHT20)_ 5745MHz was listed in this report.		

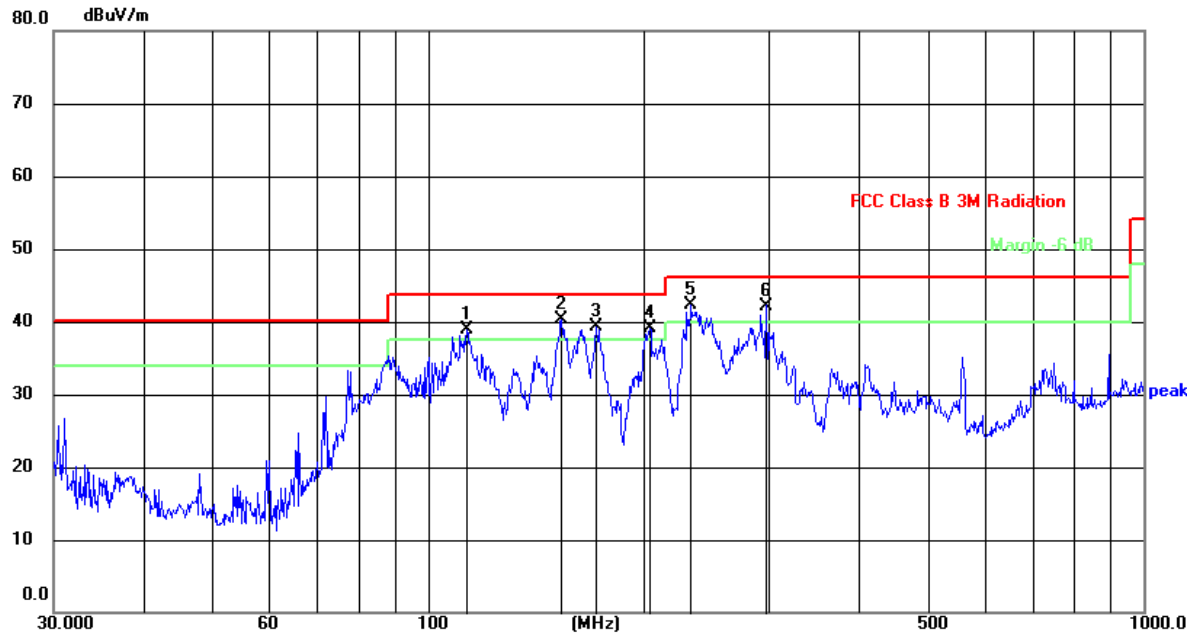
Polarization: Vertical

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	114.5146	60.27	-23.68	36.59	43.50	-6.91	QP
2	160.3455	60.65	-20.59	40.06	43.50	-3.44	QP
3	202.8103	62.48	-23.41	39.07	43.50	-4.43	QP
4	213.7633	62.85	-23.51	39.34	43.50	-4.16	QP
5	228.4903	65.50	-23.10	42.40	46.00	-3.60	QP
6	268.4852	57.82	-21.76	36.06	46.00	-9.94	QP

Remark:

Result(dBμV/m) = Reading(dBμV) + Factor(dB/m);

Over Limit(dB) = Result(dBμV/m) - Limit(dBμV/m)

Polarization: Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	113.3161	62.62	-23.78	38.84	43.50	-4.66	QP
2	153.7384	60.73	-20.52	40.21	43.50	-3.29	QP
3	171.9945	60.50	-21.26	39.24	43.50	-4.26	QP
4	204.2376	62.61	-23.42	39.19	43.50	-4.31	QP
5	233.3486	65.18	-22.84	42.34	46.00	-3.66	QP
6	297.2238	62.60	-20.40	42.20	46.00	-3.80	QP

Remark:

Result(dBμV/m) = Reading(dBμV) + Factor(dB/m);

Over Limit(dB) = Result(dBμV/m) - Limit(dBμV/m)

Above 1GHz:**U-NII-1:**

Test Mode: IEEE 802.11a							
Test channel: Low CH							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
10360	67.10	-11.79	55.31	68.20	-12.89	V	Peak
15540	61.97	-7.28	54.69	68.20	-13.52	V	Peak
10360	67.20	-11.79	55.41	68.20	-12.79	H	Peak
15540	61.54	-7.28	54.26	68.20	-13.94	H	Peak
10360	47.57	-11.79	35.78	54.00	-18.22	V	AVG
15540	44.00	-7.28	36.72	54.00	-17.28	V	AVG
10360	48.47	-11.79	36.68	54.00	-17.32	H	AVG
15540	42.83	-7.28	35.55	54.00	-18.45	H	AVG
Test channel: Middle CH							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
10400	67.61	-11.74	55.87	68.20	-12.33	V	Peak
15600	62.77	-7.18	55.59	68.20	-12.61	V	Peak
10400	67.09	-11.74	55.35	68.20	-12.85	H	Peak
15600	61.95	-7.18	54.77	68.20	-13.43	H	Peak
10400	47.98	-11.74	36.24	54.00	-17.76	V	AVG
15600	44.83	-7.18	37.65	54.00	-16.35	V	AVG
10400	47.94	-11.74	36.20	54.00	-17.80	H	AVG
15600	42.59	-7.18	35.41	54.00	-18.60	H	AVG
Test channel: High CH							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
10480	67.87	-11.63	56.24	68.20	-11.96	V	Peak
15720	63.17	-6.97	56.20	68.20	-12.00	V	Peak
10480	66.66	-11.63	55.03	68.20	-13.17	H	Peak
15720	60.26	-6.97	53.29	68.20	-14.91	H	Peak
10480	48.22	-11.63	36.59	54.00	-17.41	V	AVG
15720	43.34	-6.97	36.37	54.00	-17.63	V	AVG
10480	47.60	-11.63	35.97	54.00	-18.03	H	AVG
15720	43.84	-6.97	36.87	54.00	-17.13	H	AVG

Test Mode: IEEE 802.11n(HT20)							
Test channel: Low CH							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
10360	67.58	-11.79	55.79	68.20	-12.41	V	Peak
15540	62.23	-7.28	54.95	68.20	-13.25	V	Peak
10360	67.27	-11.79	55.48	68.20	-12.72	H	Peak
15540	62.27	-7.28	54.99	68.20	-13.21	H	Peak
10360	49.32	-11.79	37.53	54.00	-16.47	V	AVG
15540	43.56	-7.28	36.28	54.00	-17.72	V	AVG
10360	48.69	-11.79	36.90	54.00	-17.10	H	AVG
15540	42.63	-7.28	35.35	54.00	-18.65	H	AVG
Test channel: Middle CH							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
10400	68.61	-11.74	56.87	68.20	-11.33	V	Peak
15600	62.53	-7.18	55.35	68.20	-12.85	V	Peak
10400	67.74	-11.74	56.00	68.20	-12.20	H	Peak
15600	62.56	-7.18	55.38	68.20	-12.82	H	Peak
10400	47.45	-11.74	35.71	54.00	-18.29	V	AVG
15600	44.06	-7.18	36.88	54.00	-17.12	V	AVG
10400	48.45	-11.74	36.71	54.00	-17.29	H	AVG
15600	42.50	-7.18	35.32	54.00	-18.68	H	AVG
Test channel: High CH							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
10480	67.06	-11.63	55.43	68.20	-12.77	V	Peak
15720	62.14	-6.97	55.17	68.20	-13.03	V	Peak
10480	66.68	-11.63	55.05	68.20	-13.15	H	Peak
15720	61.39	-6.97	54.42	68.20	-13.78	H	Peak
10480	48.48	-11.63	36.85	54.00	-17.15	V	AVG
15720	43.70	-6.97	36.73	54.00	-17.27	V	AVG
10480	48.07	-11.63	36.44	54.00	-17.56	H	AVG
15720	43.81	-6.97	36.84	54.00	-17.16	H	AVG

Test Mode: IEEE 802.11n(HT40)							
Test channel: Low CH							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
10380	65.77	-11.77	54.00	68.20	-14.20	V	Peak
15570	61.20	-7.24	53.96	68.20	-14.24	V	Peak
10380	65.10	-11.77	53.33	68.20	-14.87	H	Peak
15570	59.26	-7.24	52.02	68.20	-16.18	H	Peak
10380	45.61	-11.77	33.84	54.00	-20.16	V	AVG
15570	42.34	-7.24	35.10	54.00	-18.90	V	AVG
10380	46.79	-11.77	35.02	54.00	-18.98	H	AVG
15570	40.40	-7.24	33.16	54.00	-20.84	H	AVG
Test channel: High CH							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
10460	65.22	-11.65	53.57	68.20	-14.63	V	Peak
15690	59.90	-7.03	52.87	68.20	-15.33	V	Peak
10460	63.77	-11.65	52.12	68.20	-16.08	H	Peak
15690	59.67	-7.03	52.64	68.20	-15.56	H	Peak
10460	46.89	-11.65	35.24	54.00	-18.76	V	AVG
15690	43.02	-7.03	35.99	54.00	-18.01	V	AVG
10460	46.10	-11.65	34.45	54.00	-19.55	H	AVG
15690	40.66	-7.03	33.63	54.00	-20.37	H	AVG

Test Mode: IEEE 802.11ac(HT20)							
Test channel: Low CH							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
10360	65.52	-11.79	53.73	68.20	-14.47	V	Peak
15540	60.80	-7.28	53.52	68.20	-14.68	V	Peak
10360	63.99	-11.79	52.20	68.20	-16.00	H	Peak
15540	59.91	-7.28	52.63	68.20	-15.57	H	Peak
10360	45.60	-11.79	33.81	54.00	-20.19	V	AVG
15540	43.05	-7.28	35.77	54.00	-18.23	V	AVG
10360	46.15	-11.79	34.36	54.00	-19.64	H	AVG
15540	42.03	-7.28	34.75	54.00	-19.25	H	AVG
Test channel: Middle CH							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
10400	63.20	-11.74	51.46	68.20	-16.74	V	Peak
15600	58.13	-7.18	50.95	68.20	-17.25	V	Peak
10400	63.08	-11.74	51.34	68.20	-16.86	H	Peak
15600	58.27	-7.18	51.09	68.20	-17.11	H	Peak
10400	44.26	-11.74	32.52	54.00	-21.48	V	AVG
15600	41.34	-7.18	34.16	54.00	-19.84	V	AVG
10400	45.26	-11.74	33.52	54.00	-20.48	H	AVG
15600	41.07	-7.18	33.89	54.00	-20.11	H	AVG
Test channel: High CH							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
10480	63.40	-11.63	51.77	68.20	-16.43	V	Peak
15720	59.15	-6.97	52.18	68.20	-16.02	V	Peak
10480	63.13	-11.63	51.50	68.20	-16.70	H	Peak
15720	57.93	-6.97	50.96	68.20	-17.24	H	Peak
10480	45.84	-11.63	34.21	54.00	-19.79	V	AVG
15720	40.77	-6.97	33.80	54.00	-20.20	V	AVG
10480	44.57	-11.63	32.94	54.00	-21.06	H	AVG
15720	40.92	-6.97	33.95	54.00	-20.05	H	AVG

Test Mode: IEEE 802.11ac(HT40)							
Test channel: Low CH							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
10380	63.80	-11.77	52.03	68.20	-16.17	V	Peak
15570	59.41	-7.24	52.17	68.20	-16.03	V	Peak
10380	63.16	-11.77	51.39	68.20	-16.81	H	Peak
15570	57.55	-7.24	50.31	68.20	-17.89	H	Peak
10380	44.45	-11.77	32.68	54.00	-21.32	V	AVG
15570	41.31	-7.24	34.07	54.00	-19.93	V	AVG
10380	45.58	-11.77	33.81	54.00	-20.19	H	AVG
15570	39.45	-7.24	32.21	54.00	-21.79	H	AVG
Test channel: High CH							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
10460	66.78	-11.65	55.13	68.20	-13.07	V	Peak
15690	61.46	-7.03	54.43	68.20	-13.77	V	Peak
10460	65.33	-11.65	53.68	68.20	-14.52	H	Peak
15690	61.23	-7.03	54.20	68.20	-14.00	H	Peak
10460	48.45	-11.65	36.80	54.00	-17.20	V	AVG
15690	44.58	-7.03	37.55	54.00	-16.45	V	AVG
10460	47.66	-11.65	36.01	54.00	-17.99	H	AVG
15690	42.22	-7.03	35.19	54.00	-18.81	H	AVG

Test Mode: IEEE 802.11ac(HT80)							
Test channel: Low CH							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
11060	66.45	-10.85	55.60	68.20	-12.60	V	Peak
16590	61.71	-5.67	56.04	68.20	-12.16	V	Peak
11060	66.32	-10.85	55.47	68.20	-12.73	H	Peak
16590	60.93	-5.67	55.26	68.20	-12.94	H	Peak
11060	47.68	-10.85	36.83	54.00	-17.17	V	AVG
16590	44.80	-5.67	39.13	54.00	-14.87	V	AVG
11060	46.98	-10.85	36.13	54.00	-17.87	H	AVG
16590	42.71	-5.67	37.04	54.00	-16.96	H	AVG

Note:

1. Level = Read Level + Factor. (Factor=Antenna Factor+ Cable loss- Preamp Factor)
2. All modes have been measurement, only worst mode was reported.
3. The frequency emission of peak points not shown in the above form (1GHz to 40GHz) should be at least 20dB below the limit, and the frequency emission mainly comes from environmental noise.

U-NII-3:

Test Mode: IEEE 802.11ac(HT20)							
Test channel: Low CH							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
11490.00	66.56	-10.56	56.00	68.20	-12.20	V	Peak
17235.00	62.46	-5.21	57.25	68.20	-10.95	V	Peak
11490.00	65.40	-10.56	54.84	68.20	-13.36	H	Peak
17235.00	60.97	-5.21	55.76	68.20	-12.44	H	Peak
11490.00	48.26	-10.56	37.70	54.00	-16.30	V	AVG
17235.00	43.15	-5.21	37.94	54.00	-16.06	V	AVG
11490.00	47.90	-10.56	37.34	54.00	-16.66	H	AVG
17235.00	42.35	-5.21	37.14	54.00	-16.86	H	AVG
Test channel: Middle CH							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
11570.00	67.58	-10.50	57.08	68.20	-11.12	V	Peak
17355.00	61.74	-5.28	56.46	68.20	-11.74	V	Peak
11570.00	65.92	-10.50	55.42	68.20	-12.78	H	Peak
17355.00	60.24	-5.28	54.96	68.20	-13.24	H	Peak
11570.00	48.84	-10.50	38.34	54.00	-15.66	V	AVG
17355.00	43.77	-5.28	38.49	54.00	-15.51	V	AVG
11570.00	47.26	-10.50	36.76	54.00	-17.24	H	AVG
17355.00	42.14	-5.28	36.86	54.00	-17.14	H	AVG
Test channel: High CH							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
11650.00	67.45	-10.44	57.01	68.20	-11.19	V	Peak
17475.00	61.82	-5.34	56.48	68.20	-11.72	V	Peak
11650.00	65.28	-10.44	54.84	68.20	-13.36	H	Peak
17475.00	60.99	-5.34	55.65	68.20	-12.55	H	Peak
11650.00	48.85	-10.44	38.41	54.00	-15.59	V	AVG
17475.00	43.00	-5.34	37.66	54.00	-16.34	V	AVG
11650.00	48.55	-10.44	38.11	54.00	-15.89	H	AVG
17475.00	43.62	-5.34	38.28	54.00	-15.72	H	AVG

Test Mode: IEEE 802.11ac(HT40)							
Test channel: Low CH							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
11510.00	64.04	-10.54	53.50	68.20	-14.70	V	Peak
17265.00	60.06	-5.24	54.82	68.20	-13.38	V	Peak
11510.00	63.56	-10.54	53.02	68.20	-15.18	H	Peak
17265.00	58.53	-5.24	53.29	68.20	-14.91	H	Peak
11510.00	45.22	-10.54	34.68	54.00	-19.32	V	AVG
17265.00	41.90	-5.24	36.66	54.00	-17.34	V	AVG
11510.00	46.40	-10.54	35.86	54.00	-18.14	H	AVG
17265.00	39.99	-5.24	34.75	54.00	-19.25	H	AVG
Test channel: High CH							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
11550.00	64.66	-10.51	54.15	68.20	-14.05	V	Peak
17325.00	58.82	-5.26	53.56	68.20	-14.64	V	Peak
11550.00	62.39	-10.51	51.88	68.20	-16.32	H	Peak
17325.00	57.23	-5.26	51.97	68.20	-16.23	H	Peak
11550.00	45.15	-10.51	34.64	54.00	-19.36	V	AVG
17325.00	42.18	-5.26	36.92	54.00	-17.08	V	AVG
11550.00	44.69	-10.51	34.18	54.00	-19.82	H	AVG
17325.00	41.55	-5.26	36.29	54.00	-17.71	H	AVG

Test Mode: IEEE 802.11ac(HT80)							
Test channel: Low CH							
Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over limit (dB)	Antenna Pol.	Detector
11060.00	63.26	-10.85	52.41	68.20	-15.79	V	Peak
16590.00	59.19	-5.67	53.52	68.20	-14.68	V	Peak
11060.00	63.92	-10.85	53.07	68.20	-15.13	H	Peak
16590.00	58.49	-5.67	52.82	68.20	-15.38	H	Peak
11060.00	45.47	-10.85	34.62	54.00	-19.38	V	AVG
16590.00	41.69	-5.67	36.02	54.00	-17.98	V	AVG
11060.00	45.69	-10.85	34.84	54.00	-19.16	H	AVG
16590.00	40.34	-5.67	34.67	54.00	-19.33	H	AVG

Note:

1. Level = Read Level + Factor. (Factor=Antenna Factor+ Cable loss- Preamp Factor)
2. All modes have been measurement, only worst mode was reported.
3. The frequency emission of peak points not shown in the above form (1GHz to 40GHz) should be at least 20dB below the limit, and the frequency emission mainly comes from environmental noise.

4.8 Frequency stability

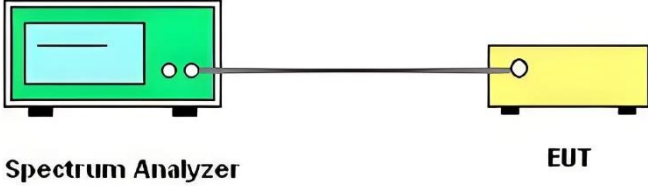
Test Standard	15.407(g)
Test limit	Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.
Test results:	Pass

Measurement Data:

Mode	Voltage (V)	FHL (5180MHz)	Deviation (KHz)	FHH (5240MHz)	Deviation (KHz)
Band 1 (5150-5250 MHz)	DC 12.58V	5179.999	1	5239.993	7
	DC 19.00V	5179.996	4	5239.997	3
	DC 17.02V	5179.997	3	5239.994	6
Mode	Voltage (V)	FHL (5745MHz)	Deviation (KHz)	FHH (5825MHz)	Deviation (KHz)
Band 4 (5725-5850 MHz)	DC 12.58V	5744.995	5	5824.998	2
	DC 19.00V	5744.996	4	5824.996	4
	DC 17.02V	5744.997	3	5824.997	3

Mode	Temperature (°C)	FHL (5180MHz)	Deviation (KHz)	FHH (5240MHz)	Deviation (KHz)
Band 1 (5150-5250 MHz)	-10°C	5179.991	9	5239.992	8
	0°C	5179.993	7	5239.994	6
	+10°C	5179.992	8	5239.991	9
	+20°C	5179.991	9	5239.994	6
	+30°C	5179.997	3	5239.996	4
	+40°C	5179.997	3	5239.995	5
	+50°C	5179.992	8	5239.992	8
Mode	Temperature (°C)	FHL (5745MHz)	Deviation (KHz)	FHH (5825MHz)	Deviation (KHz)
Band 4 (5725-5850 MHz)	-10°C	5744.997	3	5824.992	8
	0°C	5744.996	4	5824.991	9
	+10°C	5744.992	8	5824.993	7
	+20°C	5744.996	4	5824.995	5
	+30°C	5744.994	6	5824.994	6
	+40°C	5744.996	4	5824.994	6
	+50°C	5744.993	7	5824.995	5

4.9 Duty cycle

Test Method :	ANSI C63.10-2020§11.6
Limit:	/
Test setup:	 The diagram illustrates the test setup. On the left is a green Spectrum Analyzer with a blue screen and two small circular ports. A black cable connects one of these ports to a yellow rectangular box on the right, labeled 'EUT' (Equipment Under Test). Below the Spectrum Analyzer is the label 'Spectrum Analyzer', and below the yellow box is the label 'EUT'.
Test Instruments:	Refer to section 3.0 for details
Test mode:	Refer to section 2.2 for details
Test results:	Pass

Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
ANT1	802.11a	5200.00	100.00	0.00
ANT1	802.11n(HT20)	5200.00	100.00	0.00
ANT1	802.11ac(VHT20)	5200.00	100.00	0.00
ANT1	802.11n(HT40)	5190.00	100.00	0.00
ANT1	802.11ac(VHT40)	5190.00	100.00	0.00
ANT1	802.11ac(VHT80)	5210.00	100.00	0.00

Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
ANT1	802.11a	5785.00	100.00	0.00
ANT1	802.11n(HT20)	5785.00	100.00	0.00
ANT1	802.11ac(VHT20)	5785.00	100.00	0.00
ANT1	802.11n(HT40)	5755.00	100.00	0.00
ANT1	802.11ac(VHT40)	5755.00	100.00	0.00
ANT1	802.11ac(VHT80)	5775.00	100.00	0.00

5180-5240MHz



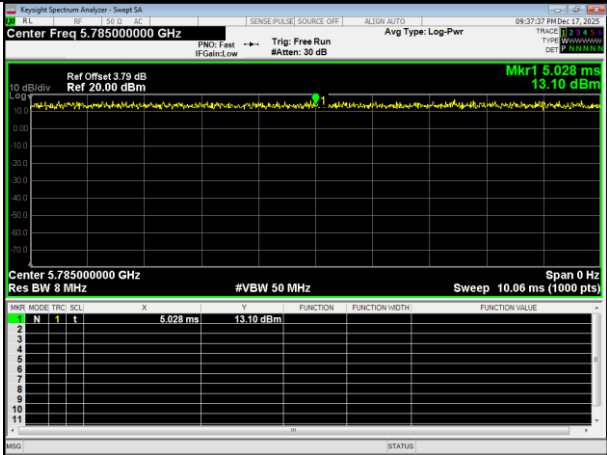




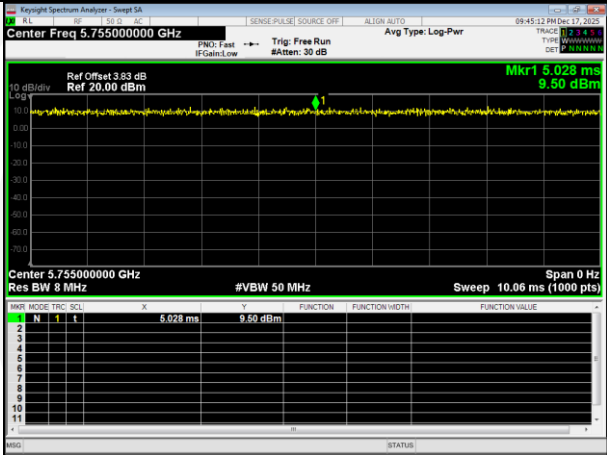
5745-5825 MHz



Duty Cycle NVNT_ANT1_802_11ac(VHT20) 5785



Duty Cycle NVNT_ANT1_802_11n(HT40) 5755





5 Photos Of Test Setup

Reference to the **appendix I Test Setup Photo** for details.

6 Photos Of EUT

Reference to the **appendix II external photos** and **appendix III internal photos** for details.

-----END OF REPORT-----

