Appendix E of data

1.Radiated Spurious Emission and Restricted Band

For 9 kHz ~ 30 MHz

Note:

1.The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

2.The all data rate modes had been test, but only worse test data was recorded in the test report.

Below 1GHz:

Note:

1.All modes have been tested, only worst (802.11ac40-TX Channel 159)mode was recorded in the test report.

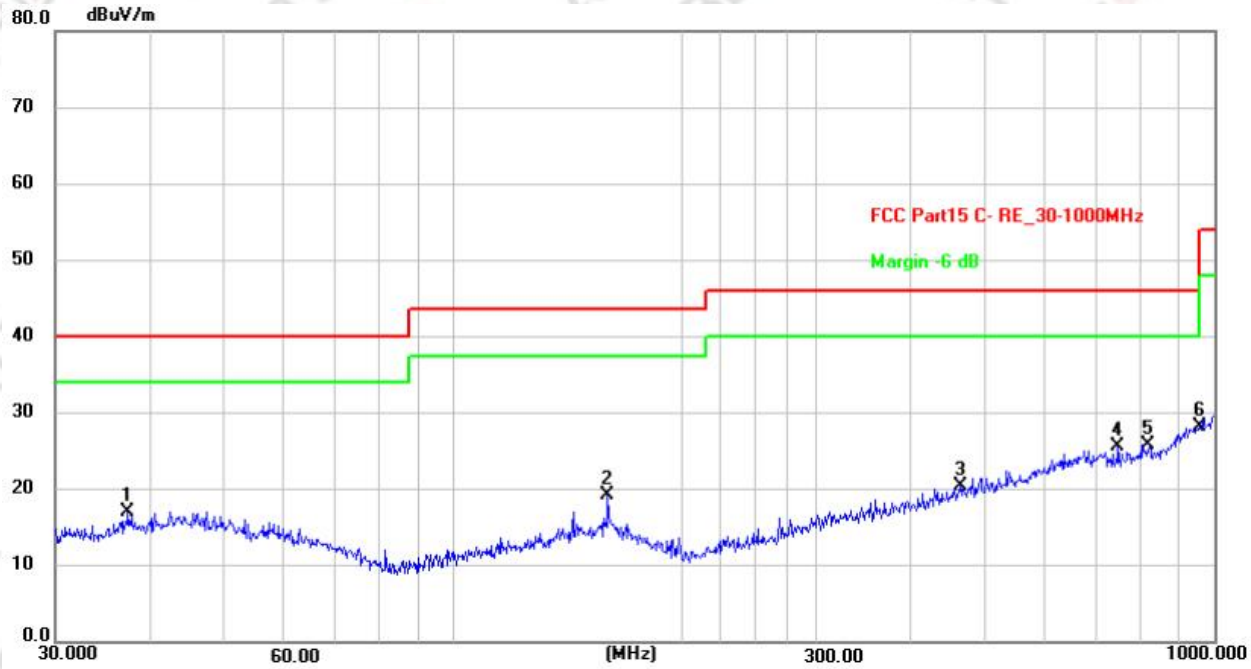
2.Emission Level (dBuV/m) = Reading Value (dBuV) + Correction Factor (dB/m).

3.Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)-Amplifier Gain.

4.The emission levels of other frequencies were less than 20dB margin against the limit.

5.Margin value = Emission level-Limit value.

Polarization	Horizontal	Mode	802.11ac40-TX Channel 159



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	37.4165	40.92	-23.90	17.02	40.00	-22.98	peak
2	159.7844	42.90	-23.72	19.18	43.50	-24.32	peak
3	463.9696	-5.92	26.46	20.54	46.00	-25.46	peak
4	747.4825	-5.86	31.51	25.65	46.00	-20.35	peak
5	821.7103	-6.76	32.65	25.89	46.00	-20.11	peak
6	955.4381	-7.28	35.58	28.30	46.00	-17.70	peak

Polarization	Vertical	Mode	802.11ac40-TX Channel 46

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	226.0994	60.77	-25.87	34.90	46.00	-11.10	peak
2	287.9904	51.68	-23.31	28.37	46.00	-17.63	peak
3	452.7197	48.61	-18.62	29.99	46.00	-16.01	peak
4	522.7180	53.70	-17.06	36.64	46.00	-9.36	peak
5	588.9051	45.60	-15.60	30.00	46.00	-16.00	peak
6	945.4399	37.94	-9.28	28.66	46.00	-17.34	peak

Above 1GHz:

Note:

1.All the modes have been tested. The report only records the worst data, the low-channel and high-channel performance in the 802.11ac20/ac40/ac80 mode.

2.In frequency ranges 18 ~40GHz no any other harmonic emissions detected which are tested to compliance with the limit. No recording in the test report. No any other emissions level which are attenuated less than 20dB below the limit. No recording in the test report.

3.We used the filter to test and the main frequency was filtered out.

4.Emission Level (dBuV/m) = Reading Value (dBuV) + Correction Factor (dB/m).

5. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)-Amplifier Gain.

6. Margin value = Emission level-Limit value.

Test Mode: 802.11ac20

Test Channel: U-NII-1_Lowest channel, Test Polarization: Vertical

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
10360.000	59.02	2.34	61.36	68.2	-12.64	peak	Pass
10360.000	48.42	2.34	50.76	54	-3.24	AV	Pass
15540.000	48.34	7.65	55.99	68.2	-18.01	peak	Pass
15540.000	37.72	7.65	45.37	54	-8.63	AV	Pass

Test Channel: U-NII-1_Lowest channel, Test Polarization: Horizontal

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
10360.000	59.62	2.34	61.96	68.2	-12.04	peak	Pass
10360.000	48.77	2.34	51.11	54	-2.89	AVG	Pass
15540.000	48.55	7.65	56.2	68.2	-17.8	peak	Pass
15540.000	38.65	7.65	46.3	54	-7.7	AVG	Pass

Test Channel:U-NII-1_ Middle channel, Test Polarization: Vertical

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
10400.000	58.45	2.48	60.93	68.2	-13.07	peak	Pass
10400.000	47.87	2.48	50.35	54	-3.65	AV	Pass
15600.000	47.49	7.76	55.25	68.2	-18.75	peak	Pass
15600.000	37.17	7.76	44.93	54	-9.07	AV	Pass

Test Channel: U-NII-1_Middle channel, Test Polarization: Horizontal

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
10400.000	59.25	2.48	61.73	68.2	-12.27	peak	Pass

10400.000	48.62	2.48	51.10	54	-2.90	AV	Pass
15600.000	48.12	7.76	55.88	68.2	-18.12	peak	Pass
15600.000	37.85	7.76	45.61	54	-8.39	AV	Pass

Test Channel:U-NII-1_ Highest channel, Test Polarization: Vertical

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
10480.000	58.73	2.53	61.26	68.2	-12.74	peak	Pass
10480.000	47.68	2.53	50.21	54	-3.79	AV	Pass
15720.000	47.20	7.84	55.04	68.2	-18.96	peak	Pass
15720.000	37.24	7.84	45.08	54	-8.92	AV	Pass

Test Channel: U-NII-1_Highest channel, Test Polarization: Horizontal

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
10480.000	59.41	2.53	61.94	68.2	-12.06	peak	Pass
10480.000	48.03	2.53	50.56	54	-3.44	AV	Pass
15720.000	47.74	7.84	55.58	68.2	-18.42	peak	Pass
15720.000	37.94	7.84	45.78	54	-8.22	AV	Pass

Test Mode: 802.11ac40

Test Channel: U-NII-1_Lowest channel, Test Polarization: Vertical

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
10380.000	58.08	2.34	60.42	68.2	-7.78	peak	Pass
10380.000	47.09	2.34	49.43	54	-4.57	AV	Pass
15570.000	49.22	7.65	56.87	68.2	-11.33	peak	Pass
15570.000	36.57	7.65	44.22	54	-9.78	AV	Pass

Test Channel: U-NII-1_Lowest channel, Test Polarization: Horizontal

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
10380.000	58.67	2.34	61.01	68.2	-7.19	peak	Pass
10380.000	47.54	2.34	49.88	54	-4.12	AVG	Pass
15570.000	49.62	7.65	57.27	68.2	-10.93	peak	Pass
15570.000	37.54	7.65	45.19	54	-8.81	AVG	Pass

Test Channel:U-NII-1_Highest channel, Test Polarization: Vertical

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
10460.000	57.80	2.48	60.28	68.2	-7.92	peak	Pass
10460.000	46.84	2.48	49.32	54	-4.68	AV	Pass
15690.000	48.92	7.76	56.68	68.2	-11.52	peak	Pass
15690.000	36.57	7.76	44.33	54	-9.67	AV	Pass

Test Channel: U-NII-1_Highest channel, Test Polarization: Horizontal

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
10460.000	58.08	2.48	60.56	68.2	-7.64	peak	Pass
10460.000	46.94	2.48	49.42	54	-4.58	AV	Pass
15690.000	49.14	7.76	56.90	68.2	-11.3	peak	Pass
15690.000	37.21	7.76	44.97	54	-9.03	AV	Pass

Test Mode: 802.11ac80 Test Channel: U-NII-1_Lowest channel, Test Polarization: Vertical							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
10420.000	57.35	2.53	59.88	68.2	-8.32	peak	Pass
10420.000	46.21	2.53	48.74	54	-5.26	AV	Pass
15630.000	48.68	7.84	56.52	68.2	-11.68	peak	Pass
15630.000	37.01	7.84	44.85	54	-9.15	AV	Pass
Test Channel: U-NII-1_Lowest channel, Test Polarization: Horizontal							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
10420.000	57.70	2.53	60.23	68.2	-7.97	peak	Pass
10420.000	46.98	2.53	49.51	54	-4.49	AVG	Pass
15630.000	49.56	7.84	57.40	68.2	-10.8	peak	Pass
15630.000	37.04	7.84	44.88	54	-9.12	AVG	Pass

Test Mode: 802.11ac20

Test Channel: U-NII-3_Lowest channel, Test Polarization: Vertical

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
11490.000	58.41	3.21	61.62	68.2	-6.58	peak	Pass
11490.000	46.94	3.21	50.15	54	-3.85	AV	Pass
17235.000	48.58	8.34	56.92	68.2	-11.28	peak	Pass
17235.000	36.06	8.34	44.40	54	-9.6	AV	Pass

Test Channel: U-NII-3_Lowest channel, Test Polarization: Horizontal

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
11490.000	58.47	3.21	61.68	68.2	-6.52	peak	Pass
11490.000	47.55	3.21	50.76	54	-3.24	AVG	Pass
17235.000	48.79	8.34	57.13	68.2	-11.07	peak	Pass
17235.000	36.58	8.34	44.92	54	-9.08	AVG	Pass

Test Channel:U-NII-3_ Middle channel, Test Polarization: Vertical

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
11570.000	57.26	3.36	60.62	68.2	-7.58	peak	Pass
11570.000	46.58	3.36	49.94	54	-4.06	AV	Pass
17355.000	47.63	8.75	56.38	68.2	-11.82	peak	Pass
17355.000	35.57	8.75	44.32	54	-9.68	AV	Pass

Test Channel: U-NII-3_Middle channel, Test Polarization: Horizontal

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
11570.000	57.65	3.36	61.01	68.2	-7.19	peak	Pass
11570.000	47.39	3.36	50.75	54	-3.25	AV	Pass
17355.000	47.86	8.75	56.61	68.2	-11.59	peak	Pass
17355.000	36.24	8.75	44.99	54	-9.01	AV	Pass

Test Channel:U-NII-3_ Highest channel, Test Polarization: Vertical

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
11650.000	57.51	3.86	61.37	68.2	-6.83	peak	Pass
11650.000	47.22	3.86	51.08	54	-2.92	AV	Pass
17475.000	47.78	9.21	56.99	68.2	-11.21	peak	Pass
17475.000	36.22	9.21	45.43	54	-8.57	AV	Pass

Test Channel: U-NII-3_Highest channel, Test Polarization: Horizontal

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
11650.000	58.43	3.86	62.29	68.2	-5.91	peak	Pass
11650.000	47.50	3.86	51.36	54	-2.64	AV	Pass
17475.000	48.50	9.21	57.71	68.2	-10.49	peak	Pass
17475.000	36.44	9.21	45.65	54	-8.35	AV	Pass

Test Mode: 802.11ac40

Test Channel: U-NII-3_Lowest channel, Test Polarization: Vertical

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
11510.000	59.23	3.21	62.44	74	-11.56	peak	Pass
11510.000	45.89	3.21	49.10	54	-4.90	AV	Pass
17265.000	46.82	8.34	55.16	74	-18.84	peak	Pass
17265.000	35.03	8.34	43.37	54	-10.63	AV	Pass

Test Channel: U-NII-3_Lowest channel, Test Polarization: Horizontal

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
11510.000	59.65	3.21	62.86	74	-11.14	peak	Pass
11510.000	46.52	3.21	49.73	54	-4.27	AVG	Pass
17265.000	47.25	8.34	55.59	74	-18.41	peak	Pass
17265.000	35.82	8.34	44.16	54	-9.84	AVG	Pass

Test Channel:U-NII-3_Highest channel, Test Polarization: Vertical

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
11590.000	58.96	3.36	62.32	74	-11.68	peak	Pass
11590.000	45.74	3.36	49.10	54	-4.90	AV	Pass
17385.000	46.06	8.75	54.81	74	-19.19	peak	Pass
17385.000	34.39	8.75	43.14	54	-10.86	AV	Pass

Test Channel: U-NII-3_Highest channel, Test Polarization: Horizontal

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
11590.000	59.54	3.36	62.90	74	-11.10	peak	Pass
11590.000	46.39	3.36	49.75	54	-4.25	AV	Pass
17385.000	46.90	8.75	55.65	74	-18.35	peak	Pass
17385.000	35.21	8.75	43.96	54	-10.04	AV	Pass

Test Mode: 802.11ac80

Test Channel: U-NII-3_Lowest channel, Test Polarization: Vertical

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
11550.000	58.42	3.86	62.28	74	-11.72	peak	Pass
11550.000	46.15	3.86	50.01	54	-3.99	AV	Pass
17325.000	46.24	9.21	55.45	74	-18.55	peak	Pass
17325.000	35.10	9.21	44.31	54	-9.69	AV	Pass

Test Channel: U-NII-3_Lowest channel, Test Polarization: Horizontal

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
11550.000	58.73	3.86	62.59	74	-11.41	peak	Pass
11550.000	46.39	3.86	50.25	54	-3.75	AVG	Pass
17325.000	46.71	9.21	55.92	74	-18.08	peak	Pass
17325.000	35.76	9.21	44.97	54	-9.03	AVG	Pass

2.Test Result of Restricted Band

Note:

1.Only the worst 802.11ac20/40/80 data is represented in the report.

2.For frequencies not falling within the 15.205 MHz limit band, the limit should be 68.2dBuV/m (-27dBm/MHz). The result meets the limit requirements.

3.Margin=Level-Limit=Reading+factor-Limit

Test Mode: 802.11ac20

Test Channel: U-NII-1_Lowest channel, Test Polarization: Vertical

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
4800.000	50.78	-8.93	41.85	74	-32.15	peak	Pass
4800.000	41.10	-8.93	32.17	54	-21.83	AV	Pass
5150.000	49.38	-8.33	41.05	74	-32.95	peak	Pass
5150.000	38.61	-8.33	30.28	54	-23.72	AV	Pass

Test Channel: U-NII-1_Lowest channel, Test Polarization: Horizontal

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
4800.000	50.98	-8.93	42.05	74	-31.95	peak	Pass
4800.000	41.23	-8.93	32.3	54	-21.7	AV	Pass
5150.000	49.85	-8.33	41.52	74	-32.48	peak	Pass
5150.000	39.52	-8.33	31.19	54	-22.81	AV	Pass

Test Channel:U-NII-1_ Highest channel, Test Polarization: Vertical

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
5350.000	49.92	-7.88	42.04	74	-31.96	peak	Pass
5350.000	40.45	-7.88	32.57	54	-21.43	AV	Pass
5450.000	49.04	-7.83	41.21	74	-32.79	peak	Pass
5450.000	38.17	-7.83	30.34	54	-23.66	AV	Pass

Test Channel: U-NII-1_Highest channel, Test Polarization: Horizontal

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
5350.000	50.86	-7.88	42.98	74	-31.02	peak	Pass
5350.000	41.12	-7.88	33.24	54	-20.76	AV	Pass
5450.000	49.81	-7.83	41.98	74	-32.02	peak	Pass
5450.000	39.16	-7.83	31.33	54	-22.67	AV	Pass

Test Mode: 802.11ac40

Test Channel: U-NII-1_Lowest channel, Test Polarization: Vertical

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
4800.000	48.91	-8.93	39.98	74	-34.02	peak	Pass
4800.000	38.42	-8.93	29.49	54	-24.51	AV	Pass
5150.000	49.17	-8.33	40.84	74	-33.16	peak	Pass
5150.000	39.83	-8.33	31.50	54	-22.50	AV	Pass

Test Channel: U-NII-1_Lowest channel, Test Polarization: Horizontal

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
4800.000	49.65	-8.93	40.72	74	-33.28	peak	Pass
4800.000	38.56	-8.93	29.63	54	-24.37	AV	Pass
5150.000	50.16	-8.33	41.83	74	-32.17	peak	Pass
5150.000	40.28	-8.33	31.95	54	-22.05	AV	Pass

Test Channel:U-NII-1_ Highest channel, Test Polarization: Vertical

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
5350.000	48.63	-7.88	40.75	74	-33.25	peak	Pass
5350.000	37.62	-7.88	29.74	54	-24.26	AV	Pass
5450.000	49.23	-7.83	41.40	74	-32.60	peak	Pass
5450.000	38.92	-7.83	31.09	54	-22.91	AV	Pass

Test Channel: U-NII-1_Highest channel, Test Polarization: Horizontal

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
5350.000	48.69	-7.88	40.81	74	-33.19	peak	Pass
5350.000	38.13	-7.88	30.25	54	-23.75	AV	Pass
5450.000	49.71	-7.83	41.88	74	-32.12	peak	Pass
5450.000	39.78	-7.83	31.95	54	-22.05	AV	Pass

Test Mode: 802.11ac80

Test Channel: U-NII-1_Lowest channel, Test Polarization: Vertical

Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
4800.000	49.51	-8.93	40.58	74	-33.42	peak	Pass
4800.000	39.46	-8.93	30.53	54	-23.47	AV	Pass
5150.000	50.65	-8.33	42.32	74	-31.68	peak	Pass
5150.000	40.68	-8.33	32.35	54	-21.65	AV	Pass

Test Channel: U-NII-1_Lowest channel, Test Polarization: Horizontal

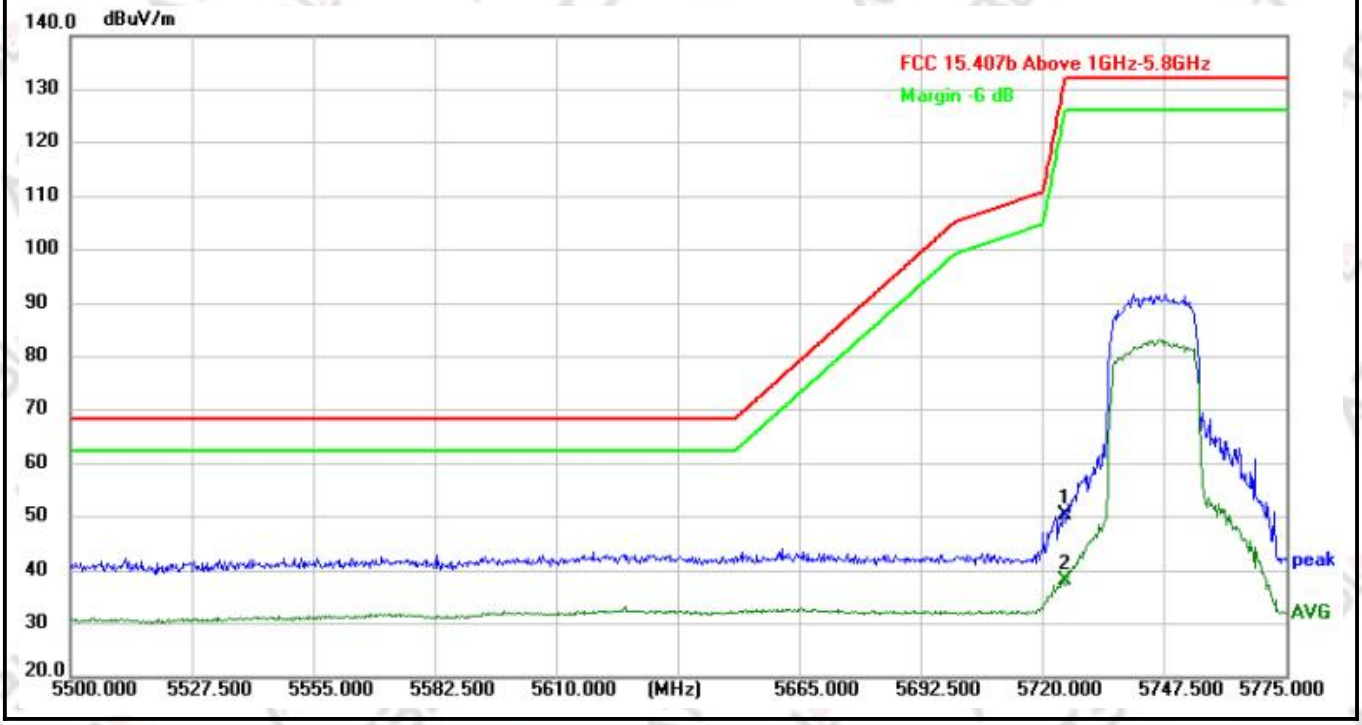
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
4800.000	50.12	-8.93	41.19	74	-32.81	peak	Pass
4800.000	40.39	-8.93	31.46	54	-22.54	AV	Pass
5150.000	51.33	-8.33	43	74	-31	peak	Pass
5150.000	41.28	-8.33	32.95	54	-21.05	AV	Pass

Test Mode: 802.11ac20

Test Channel: U-NII-3_Lowest channel, Test Polarization: Vertical

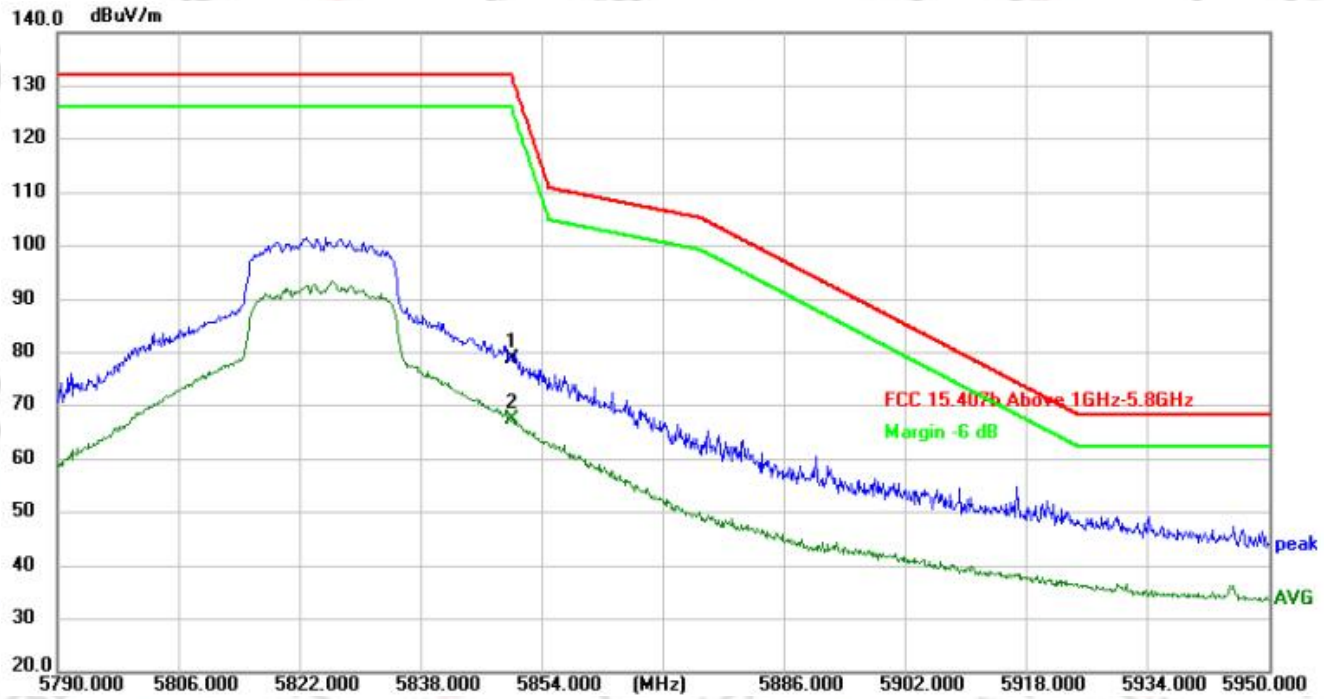
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1 *	5725.000	89.28	-7.33	81.95	132.00	-50.05	peak
2	5725.000	79.58	-7.33	72.25	132.00	-59.75	AVG

Test Channel: U-NII-3_Lowest channel, Test Polarization: Horizontal



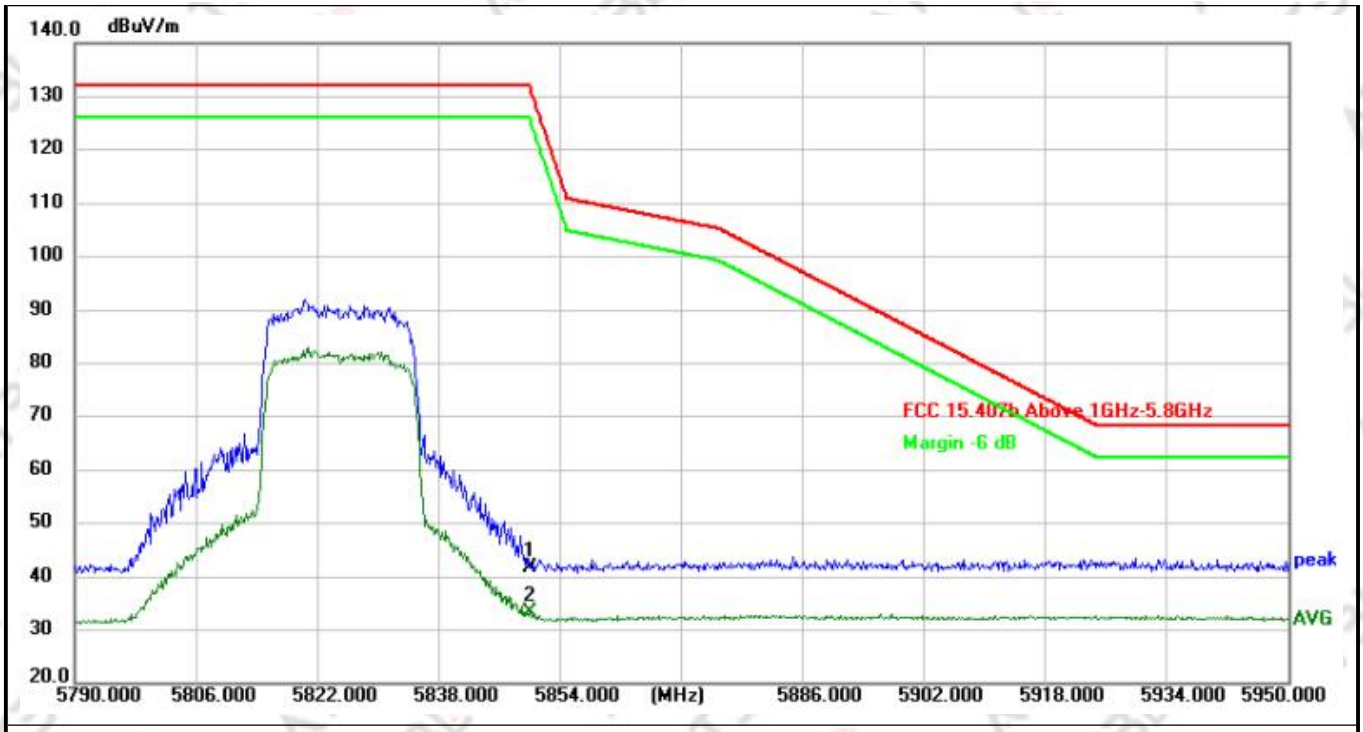
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1 *	5725.000	89.28	-7.33	81.95	132.00	-50.05	peak
2	5725.000	79.58	-7.33	72.25	132.00	-59.75	AVG

Test Channel: U-NII-3_Highest channel, Test Polarization: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1 *	5850.000	85.82	-6.91	78.91	132.00	-53.09	peak
2	5850.000	74.32	-6.91	67.41	132.00	-64.59	AVG

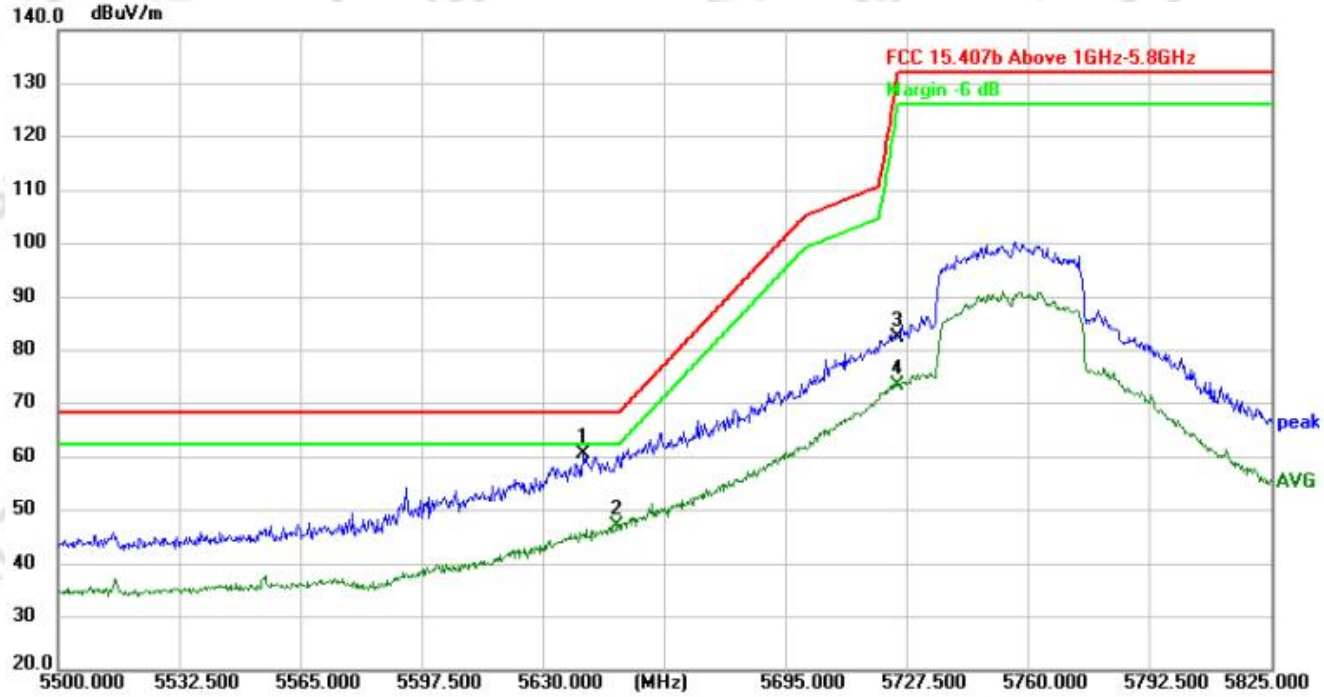
Test Channel: U-NII-3_Highest channel, Test Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1 *	5850.000	48.68	-6.91	41.77	132.00	-90.23	peak
2	5850.000	40.37	-6.91	33.46	132.00	-98.54	AVG

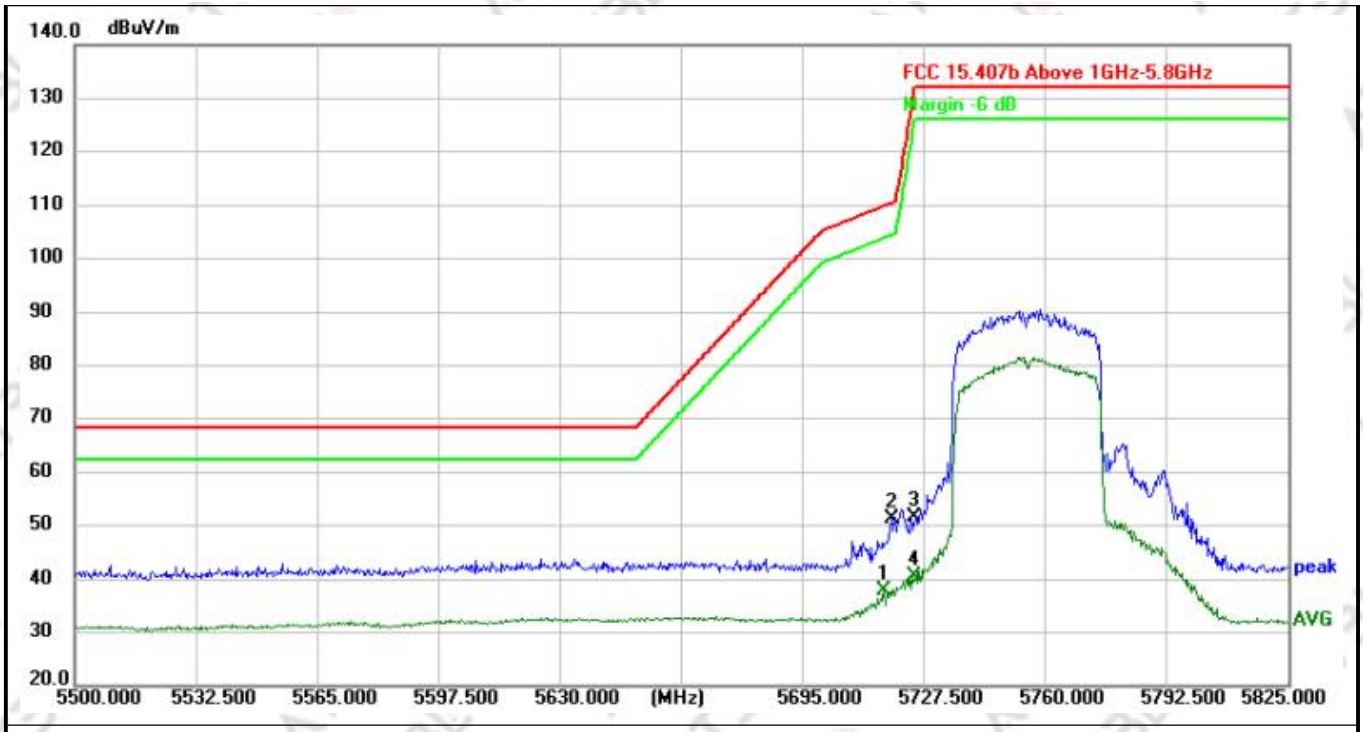
Test Mode: 802.11ac40

Test Channel: U-NII-3_Lowest channel, Test Polarization: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1 *	5640.725	68.32	-7.80	60.52	68.20	-7.68	peak
2	5649.825	54.96	-7.76	47.20	68.20	-21.00	AVG
3	5725.000	89.74	-7.33	82.41	132.00	-49.59	peak
4	5725.000	80.85	-7.33	73.52	132.00	-58.48	AVG

Test Channel: U-NII-3_Lowest channel, Test Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5716.775	45.09	-7.38	37.71	109.90	-72.19	AVG
2 *	5719.050	58.72	-7.35	51.37	110.53	-59.16	peak
3	5725.000	58.80	-7.33	51.47	132.00	-80.53	peak
4	5725.000	47.74	-7.33	40.41	132.00	-91.59	AVG

Test Channel: U-NII-3_Highest channel, Test Polarization: Vertical

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5850.000	77.83	-6.91	70.92	132.00	-61.08	peak
2	5850.000	66.38	-6.91	59.47	132.00	-72.53	AVG
3 *	5925.140	62.86	-6.95	55.91	68.20	-12.29	peak
4	5925.580	46.95	-6.95	40.00	68.20	-28.20	AVG

Test Channel: U-NII-3_Highest channel, Test Polarization: Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1 *	5850.000	48.55	-6.91	41.64	132.00	-90.36	peak
2	5850.000	38.94	-6.91	32.03	132.00	-99.97	AVG

Test Mode: 802.11ac80

Test Channel: U-NII-3_Lowest channel, Test Polarization: Vertical

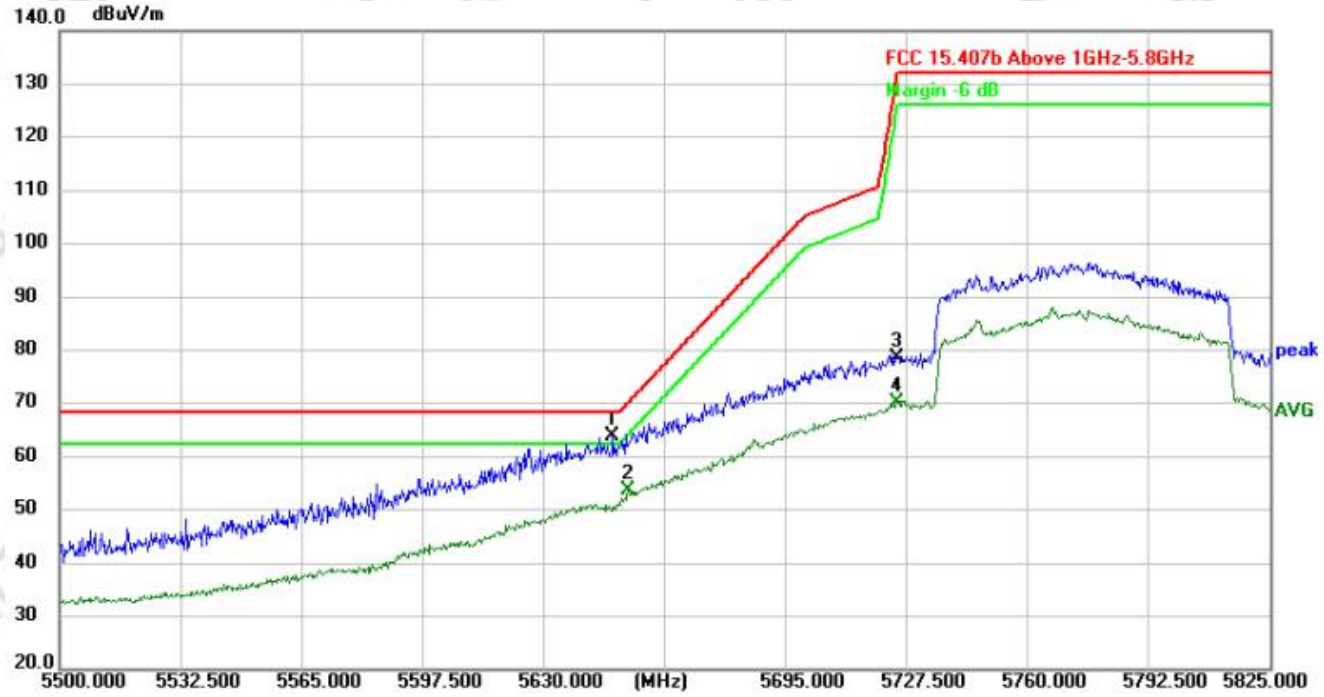
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5850.000	81.60	-6.91	74.69	132.00	-57.31	peak
2	5850.000	71.78	-6.91	64.87	132.00	-67.13	AVG
3 *	5925.250	69.23	-6.95	62.28	68.20	-5.92	peak
4	5925.750	57.20	-6.95	50.25	68.20	-17.95	AVG

Test Channel: U-NII-3_Lowest channel, Test Polarization: Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1 *	5850.000	53.43	-6.91	46.52	132.00	-85.48	peak
2	5850.000	44.03	-6.91	37.12	132.00	-94.88	AVG

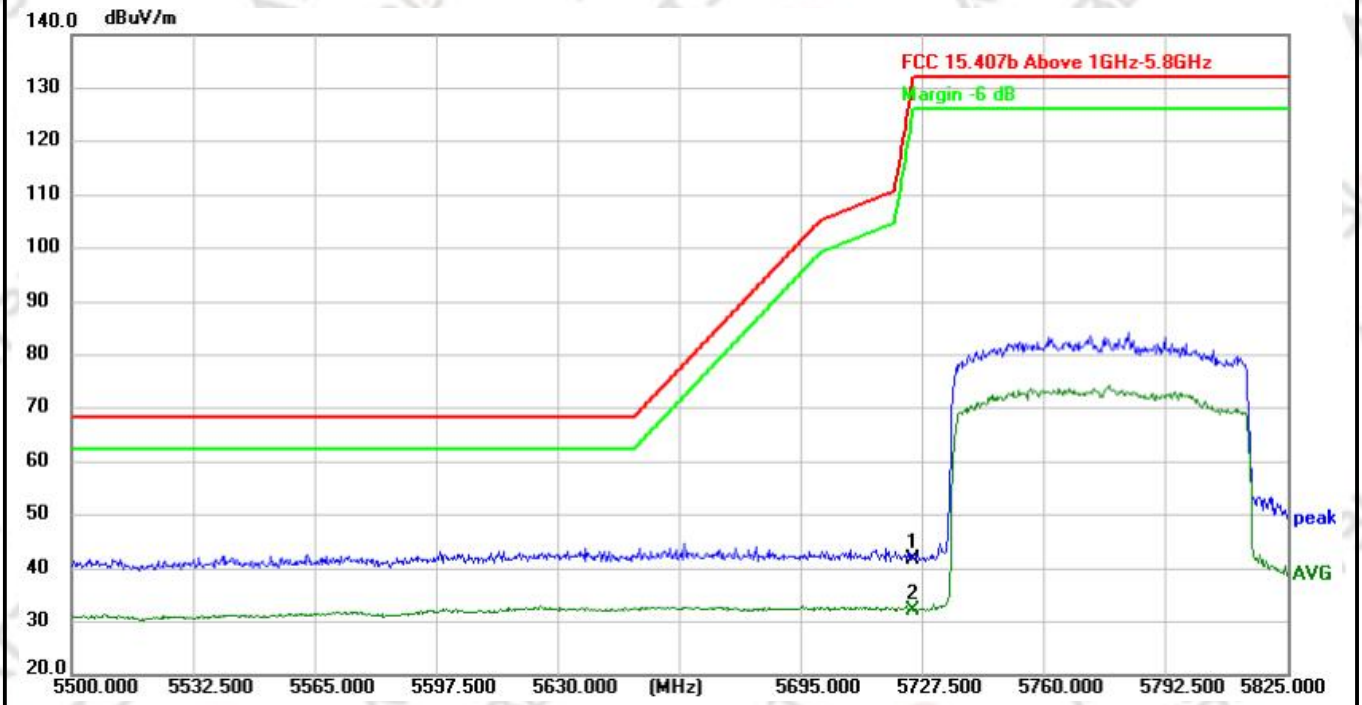
Test Mode: 802.11ac80

Test Channel: U-NII-3_Lowest channel, Test Polarization: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1 *	5648.525	71.71	-7.76	63.95	68.20	-4.25	peak
2	5652.750	61.45	-7.73	53.72	70.23	-16.51	AVG
3	5725.000	85.83	-7.33	78.50	132.00	-53.50	peak
4	5725.000	77.59	-7.33	70.26	132.00	-61.74	AVG

Test Channel: U-NII-3_Lowest channel, Test Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1 *	5725.000	48.96	-7.33	41.63	132.00	-90.37	peak
2	5725.000	39.59	-7.33	32.26	132.00	-99.74	AVG

3.AC Power-Line Conducted Emission

Note:

1.All modes have been tested, only worst mode(802.11ac40-TX Channel 159) was recorded in the test report.

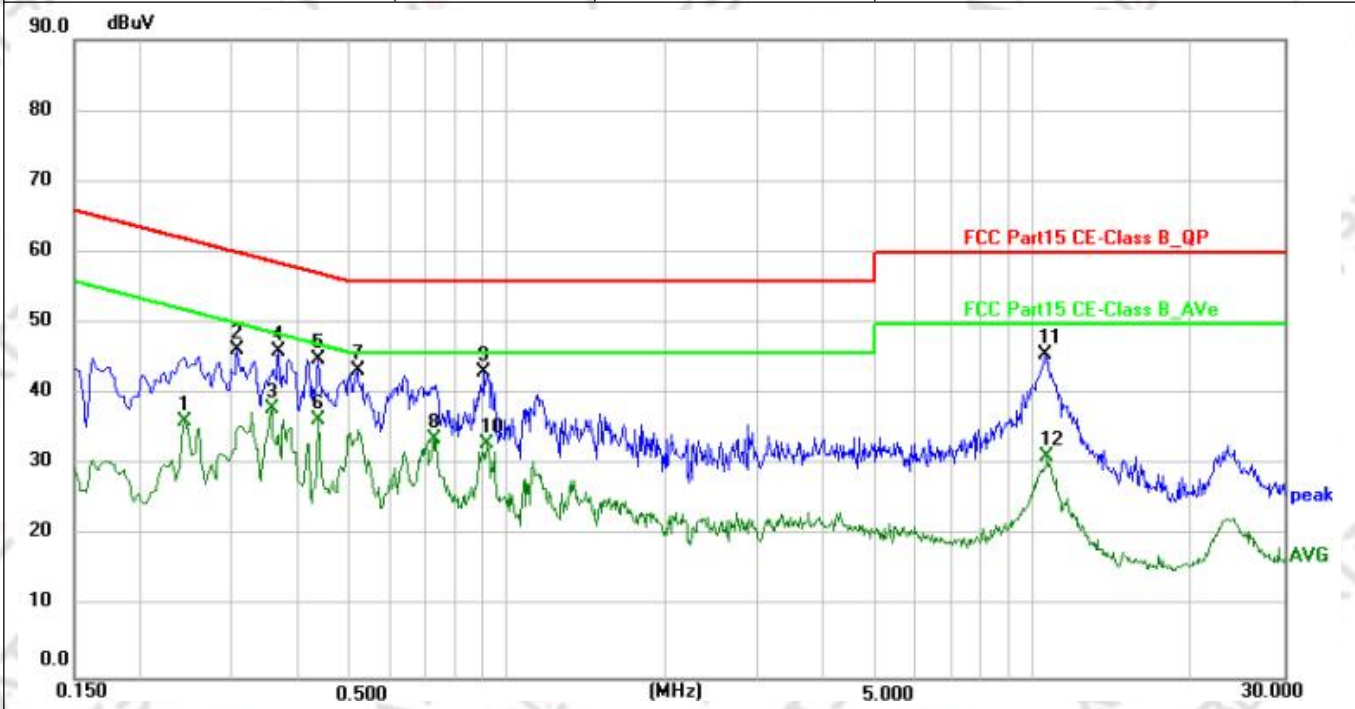
2.Emission Level = Reading Value + Correction Factor.

3. Correction Factor = Insertion loss + Cable loss.

4. The emission levels of other frequencies were less than 20dB margin against the limit.

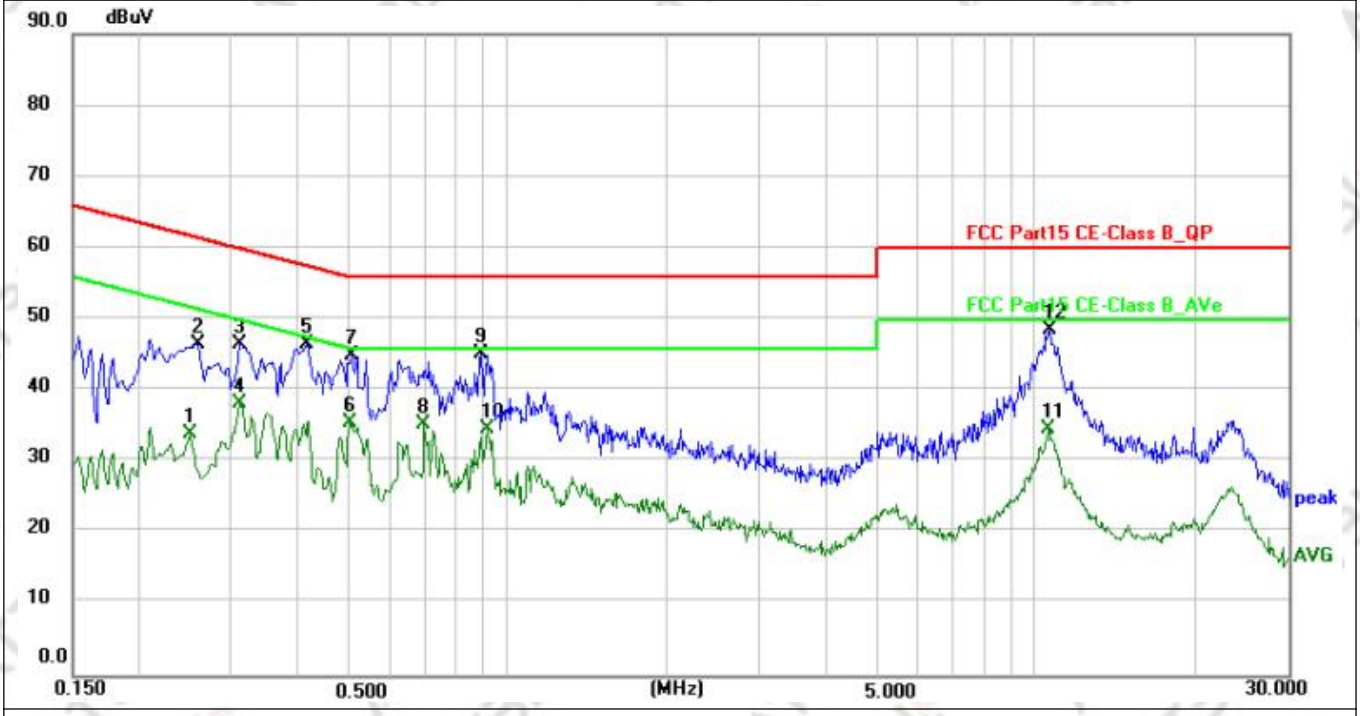
5. Margin value = Emission level-Limit value.

Polarization	N	Test Mode	802.11ac40-TX Channel 159



No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.2420	16.91	19.32	36.23	52.03	-15.80	AVG
2	0.3060	27.11	19.33	46.44	60.08	-13.64	peak
3	0.3540	18.66	19.35	38.01	48.87	-10.86	AVG
4	0.3660	26.82	19.35	46.17	58.59	-12.42	peak
5	0.4380	25.69	19.37	45.06	57.10	-12.04	peak
6	0.4380	17.00	19.37	36.37	47.10	-10.73	AVG
7	0.5180	23.97	19.36	43.33	56.00	-12.67	peak
8	0.7260	14.28	19.39	33.67	46.00	-12.33	AVG
9	0.9060	23.71	19.40	43.11	56.00	-12.89	peak
10	0.9180	13.72	19.40	33.12	46.00	-12.88	AVG
11	10.5340	26.05	19.63	45.68	60.00	-14.32	peak
12	10.6260	11.72	19.63	31.35	50.00	-18.65	AVG

Polarization	L	Test Mode	802.11ac40-TX Channel 159



No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.2500	14.74	19.35	34.09	51.76	-17.67	AVG
2	0.2580	27.21	19.35	46.56	61.50	-14.94	peak
3	0.3100	27.24	19.37	46.61	59.97	-13.36	peak
4	0.3100	18.85	19.37	38.22	49.97	-11.75	AVG
5	0.4140	27.24	19.39	46.63	57.57	-10.94	peak
6	0.5020	16.29	19.36	35.65	46.00	-10.35	AVG
7	0.5060	25.73	19.36	45.09	56.00	-10.91	peak
8	0.6940	15.92	19.37	35.29	46.00	-10.71	AVG
9	0.8940	25.89	19.41	45.30	56.00	-10.70	peak
10	0.9140	15.37	19.40	34.77	46.00	-11.23	AVG
11	10.5580	15.00	19.57	34.57	50.00	-15.43	AVG
12	10.6260	29.00	19.57	48.57	60.00	-11.43	peak

※※※※※END※※※※※