

Appendix E of data

1.Radiated Spurious Emission and Restricted Band

For 9 kHz ~ 30 MHz

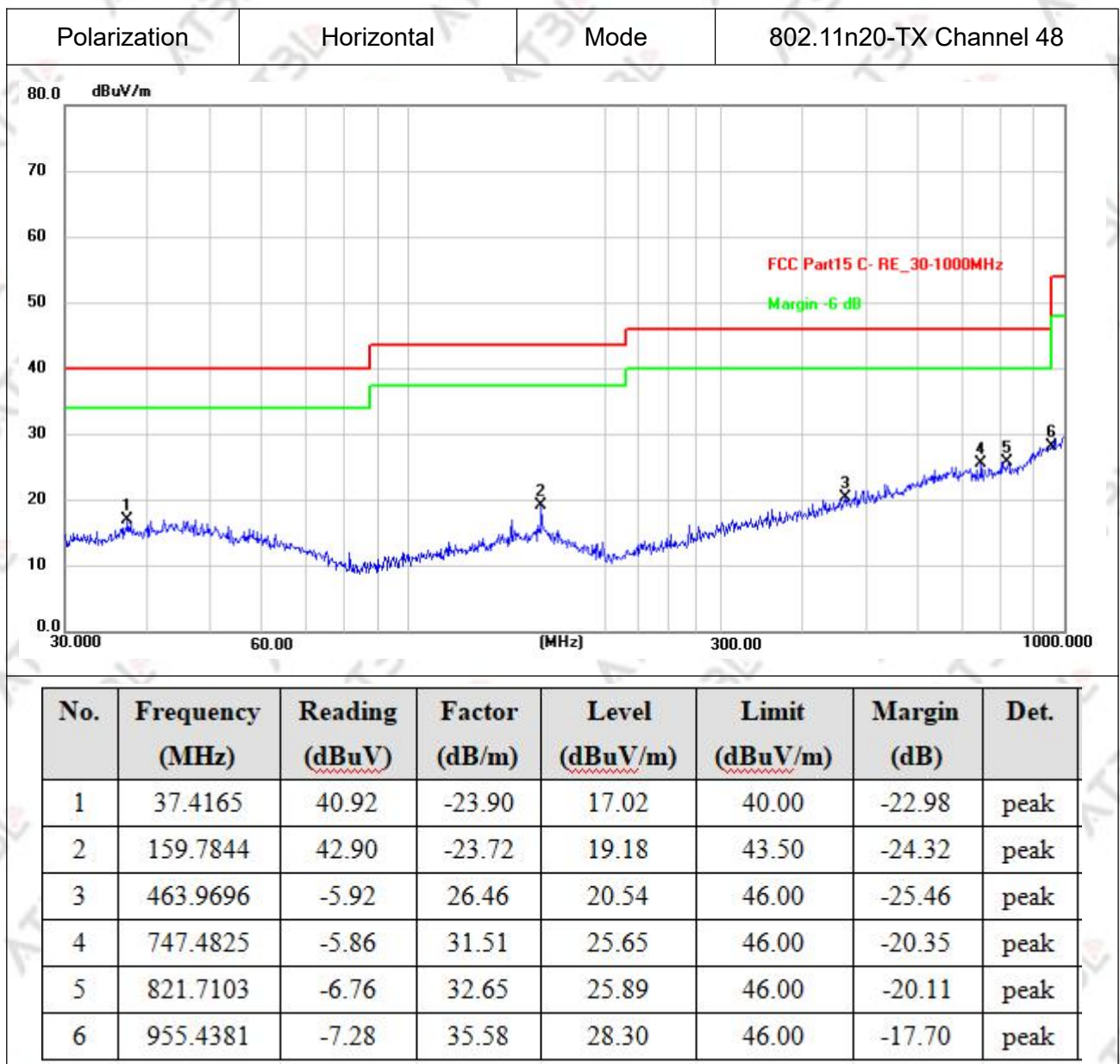
Note:

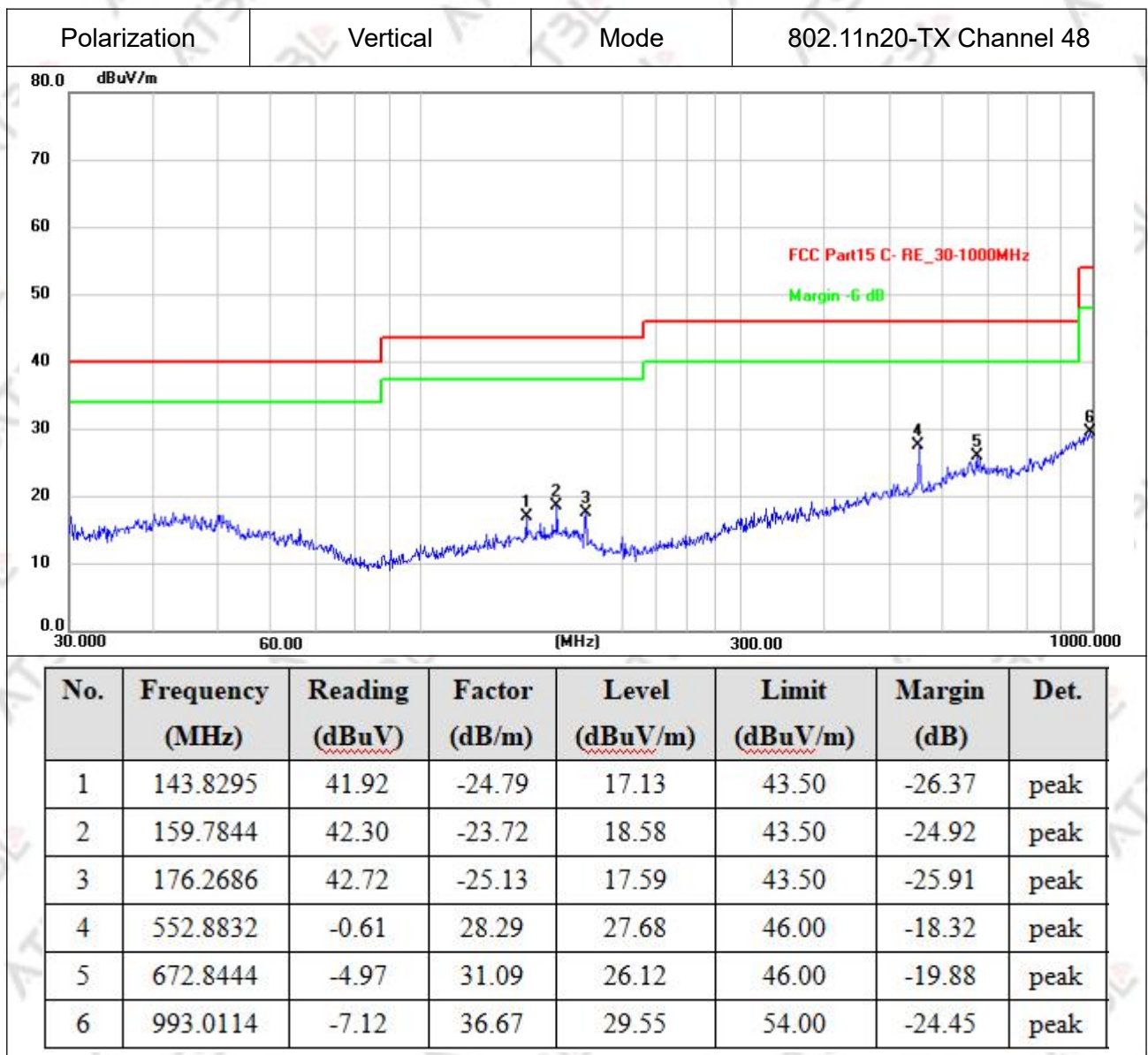
- 1.The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.
- 2.The all data rate modes had been test, but only worse test data was recorded in the test report.

Below 1GHz:

Note:

- 1.All modes have been tested, only worst (802.11n20-TX Channel 48)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.





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 802.11n20/ac20/ac40/ac80 mode.
2. In frequency ranges 18 ~25GHz 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	-6.84	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	-12.21	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	-6.24	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	-12	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	-7.27	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	-12.95	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	-6.47	peak	Pass
10400.000	48.62	2.48	51.10	54	-2.9	AV	Pass

15600.000	48.12	7.76	55.88	68.2	-12.32	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	-6.94	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	-13.16	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	-6.26	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	-12.62	peak	Pass
15720.000	37.94	7.84	45.78	54	-8.22	AV	Pass

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	-6.84	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	-12.21	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	-6.24	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	-12	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	-7.27	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	-12.95	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	-6.47	peak	Pass
10400.000	48.62	2.48	51.10	54	-2.9	AV	Pass
15600.000	48.12	7.76	55.88	68.2	-12.32	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	-6.94	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	-13.16	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	-6.26	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	-12.62	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	68.2	-5.76	peak	Pass
11510.000	45.89	3.21	49.10	54	-4.9	AV	Pass
17265.000	46.82	8.34	55.16	68.2	-13.04	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	68.2	-5.34	peak	Pass
11510.000	46.52	3.21	49.73	54	-4.27	AVG	Pass
17265.000	47.25	8.34	55.59	68.2	-12.61	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	68.2	-5.88	peak	Pass
11590.000	45.74	3.36	49.10	54	-4.9	AV	Pass
17385.000	46.06	8.75	54.81	68.2	-13.39	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	68.2	-5.3	peak	Pass
11590.000	46.39	3.36	49.75	54	-4.25	AV	Pass
17385.000	46.90	8.75	55.65	68.2	-12.55	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	68.2	-5.92	peak	Pass
11550.000	46.15	3.86	50.01	54	-3.99	AV	Pass
17325.000	46.24	9.21	55.45	68.2	-12.75	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	68.2	-5.61	peak	Pass
11550.000	46.39	3.86	50.25	54	-3.75	AVG	Pass
17325.000	46.71	9.21	55.92	68.2	-12.28	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 802.11n20 and 802.11ac 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: 802.11n20							
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	48.66	-8.93	39.73	74.00	-34.27	peak	Pass
4800.000	39.14	-8.93	30.21	54.00	-23.79	AV	Pass
5150.000	48.62	-8.33	40.29	74.00	-33.71	peak	Pass
5150.000	38.35	-8.33	30.02	54.00	-23.98	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	49.10	-8.93	40.17	74.00	-33.83	peak	Pass
4800.000	38.92	-8.93	29.99	54.00	-24.01	AV	Pass
5150.000	49.02	-8.33	40.69	74.00	-33.31	peak	Pass
5150.000	38.91	-8.33	30.58	54.00	-23.42	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	48.73	-7.88	40.85	74.00	-33.15	peak	Pass
5350.000	38.59	-7.88	30.71	54.00	-23.29	AV	Pass
5450.000	47.54	-7.83	39.71	74.00	-34.29	peak	Pass
5450.000	38.42	-7.83	30.59	54.00	-23.41	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	48.83	-7.88	40.95	74.00	-33.05	peak	Pass
5350.000	38.78	-7.88	30.90	54.00	-23.10	AV	Pass
5450.000	48.17	-7.83	40.34	74.00	-33.66	peak	Pass
5450.000	38.00	-7.83	30.17	54.00	-23.83	AV	Pass

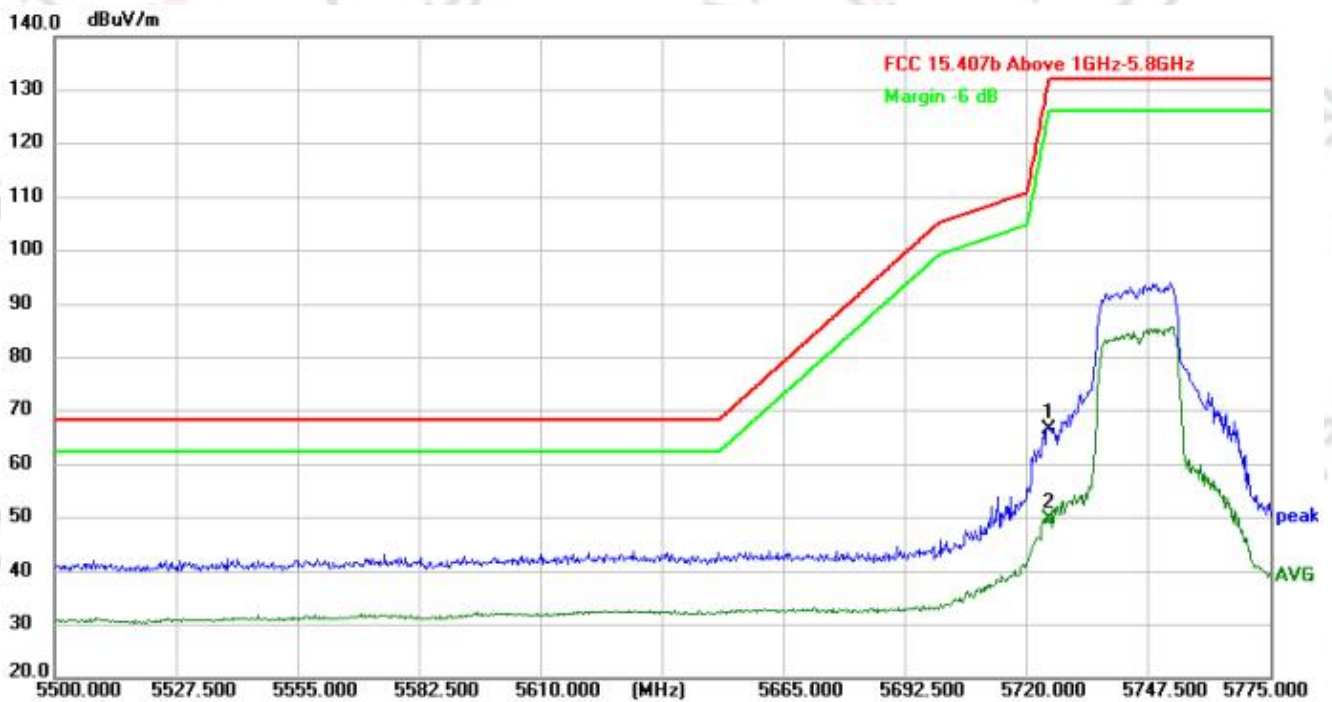
Test Mode: 802.11ac20							
Test Channel: U-NII-1_Lowest channel, Test Polarization: Vertical							
Frequency (MHz)	Reading (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Marging (dB)	Detector	Result
4800.000	49.52	-8.93	40.59	74.00	-33.41	peak	Pass
4800.000	39.22	-8.93	30.29	54.00	-23.71	AV	Pass
5150.000	48.12	-8.33	39.79	74.00	-34.21	peak	Pass
5150.000	38.47	-8.33	30.14	54.00	-23.86	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	49.38	-8.93	40.45	74.00	-33.55	peak	Pass
4800.000	39.57	-8.93	30.64	54.00	-23.36	AV	Pass
5150.000	49.43	-8.33	41.10	74.00	-32.90	peak	Pass
5150.000	38.58	-8.33	30.25	54.00	-23.75	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	48.15	-7.88	40.27	74.00	-33.73	peak	Pass
5350.000	38.26	-7.88	30.38	54.00	-23.62	AV	Pass
5450.000	48.18	-7.83	40.35	74.00	-33.65	peak	Pass
5450.000	38.19	-7.83	30.36	54.00	-23.64	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	48.42	-7.88	40.54	74.00	-33.46	peak	Pass
5350.000	38.44	-7.88	30.56	54.00	-23.44	AV	Pass
5450.000	48.80	-7.83	40.97	74.00	-33.03	peak	Pass
5450.000	38.13	-7.83	30.30	54.00	-23.70	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	49.23	-8.93	40.30	74.00	-33.70	peak	Pass
4800.000	39.09	-8.93	30.16	54.00	-23.84	AV	Pass
5150.000	48.42	-8.33	40.09	74.00	-33.91	peak	Pass
5150.000	38.40	-8.33	30.07	54.00	-23.93	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	48.77	-8.93	39.84	74.00	-34.16	peak	Pass
4800.000	38.76	-8.93	29.83	54.00	-24.17	AV	Pass
5150.000	48.48	-8.33	40.15	74.00	-33.85	peak	Pass
5150.000	38.47	-8.33	30.14	54.00	-23.86	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	48.49	-7.88	40.61	74.00	-33.39	peak	Pass
5350.000	38.28	-7.88	30.40	54.00	-23.60	AV	Pass
5450.000	48.25	-7.83	40.42	74.00	-33.58	peak	Pass
5450.000	38.24	-7.83	30.41	54.00	-23.59	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	48.73	-7.88	40.85	74.00	-33.15	peak	Pass
5350.000	38.68	-7.88	30.80	54.00	-23.20	AV	Pass
5450.000	47.95	-7.83	40.12	74.00	-33.88	peak	Pass
5450.000	37.90	-7.83	30.07	54.00	-23.93	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	48.16	-8.93	39.23	74.00	-34.77	peak	Pass
4800.000	38.81	-8.93	29.88	54.00	-24.12	AV	Pass
5150.000	47.90	-8.33	39.57	74.00	-34.43	peak	Pass
5150.000	38.14	-8.33	29.81	54.00	-24.19	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	49.15	-8.93	40.22	74.00	-33.78	peak	Pass
4800.000	39.19	-8.93	30.26	54.00	-23.74	AV	Pass
5150.000	48.32	-8.33	39.99	74.00	-34.01	peak	Pass
5150.000	38.72	-8.33	30.39	54.00	-23.61	AV	Pass

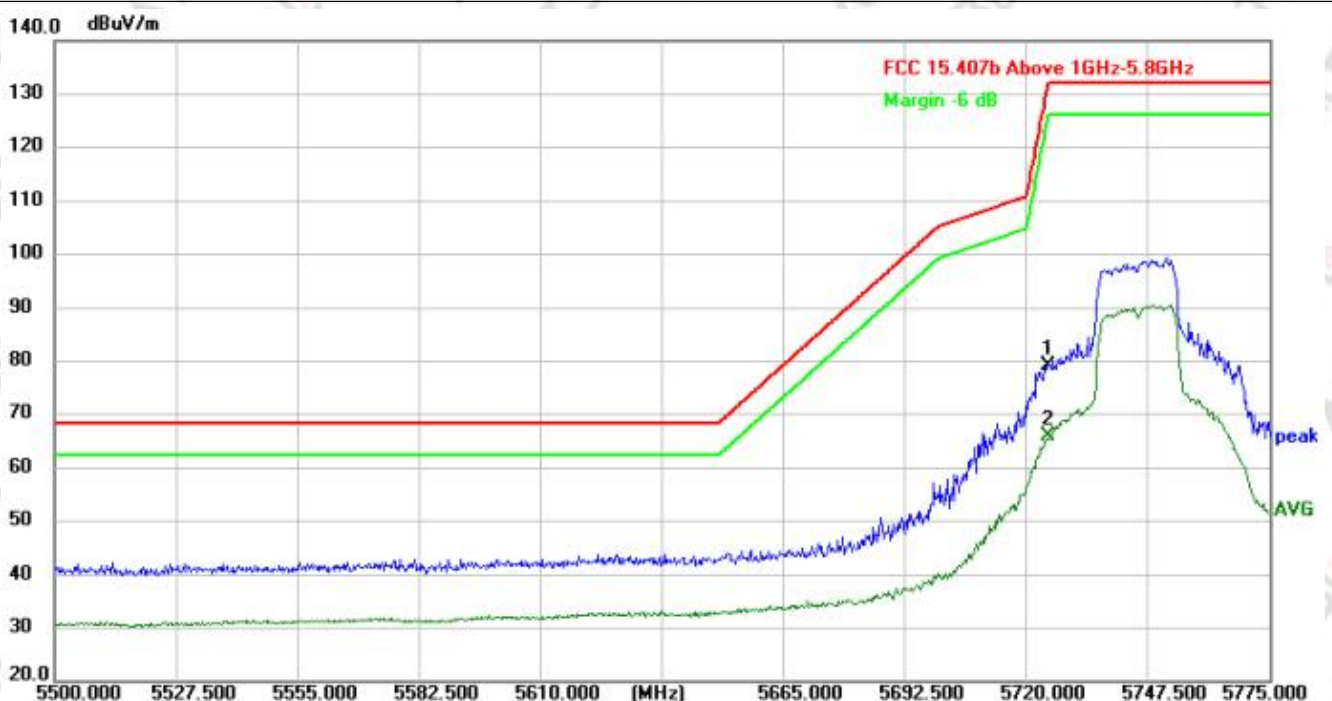
Test Mode: 802.11n20

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



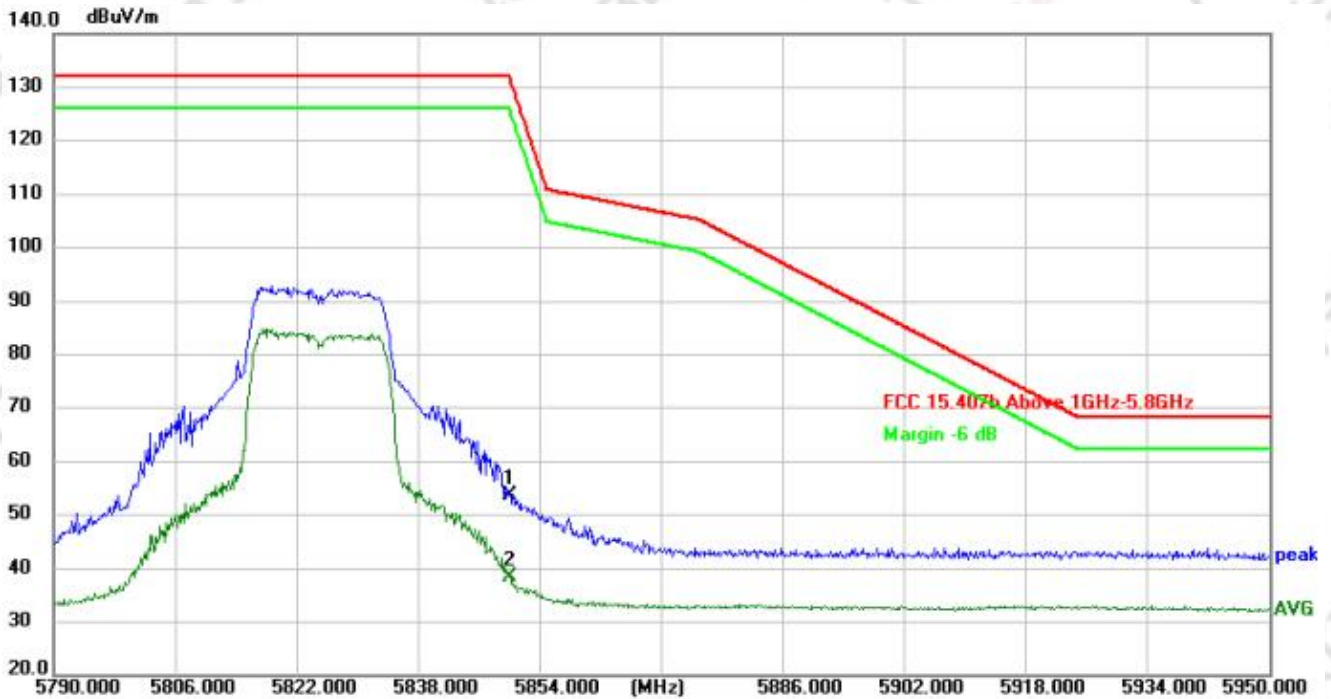
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5725.000	73.75	-7.33	66.42	132.00	-65.58	peak
2	5725.000	57.21	-7.33	49.88	132.00	-82.12	AVG

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	86.38	-7.33	79.05	132.00	-52.95	peak
2	5725.000	73.28	-7.33	65.95	132.00	-66.05	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	60.52	-6.91	53.61	132.00	-78.39	peak
2	5850.000	45.35	-6.91	38.44	132.00	-93.56	AVG

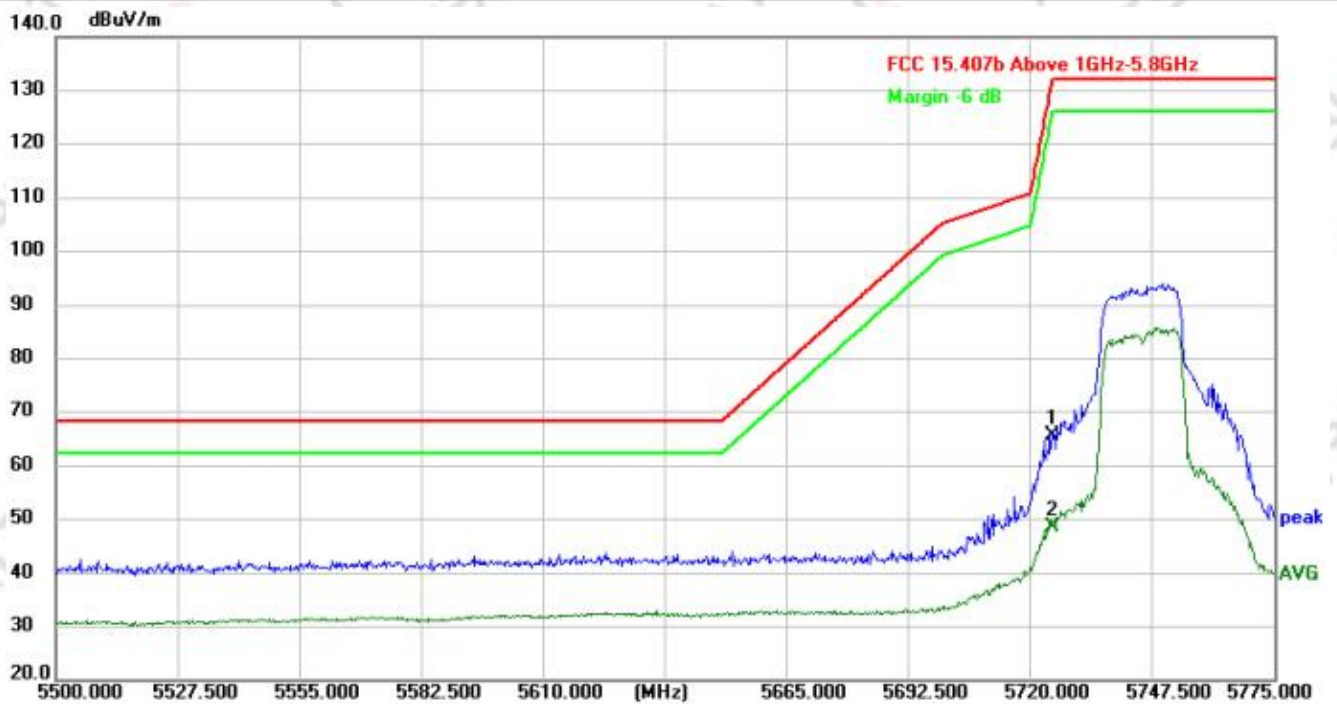
Test Channel: U-NII-3_Highest channel, Test Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5850.000	76.40	-6.91	69.49	132.00	-62.51	peak
2	5850.000	65.08	-6.91	58.17	132.00	-73.83	AVG
3	5855.120	75.06	-6.90	68.16	110.77	-42.61	peak
4	5855.760	58.67	-6.90	51.77	110.59	-58.82	AVG

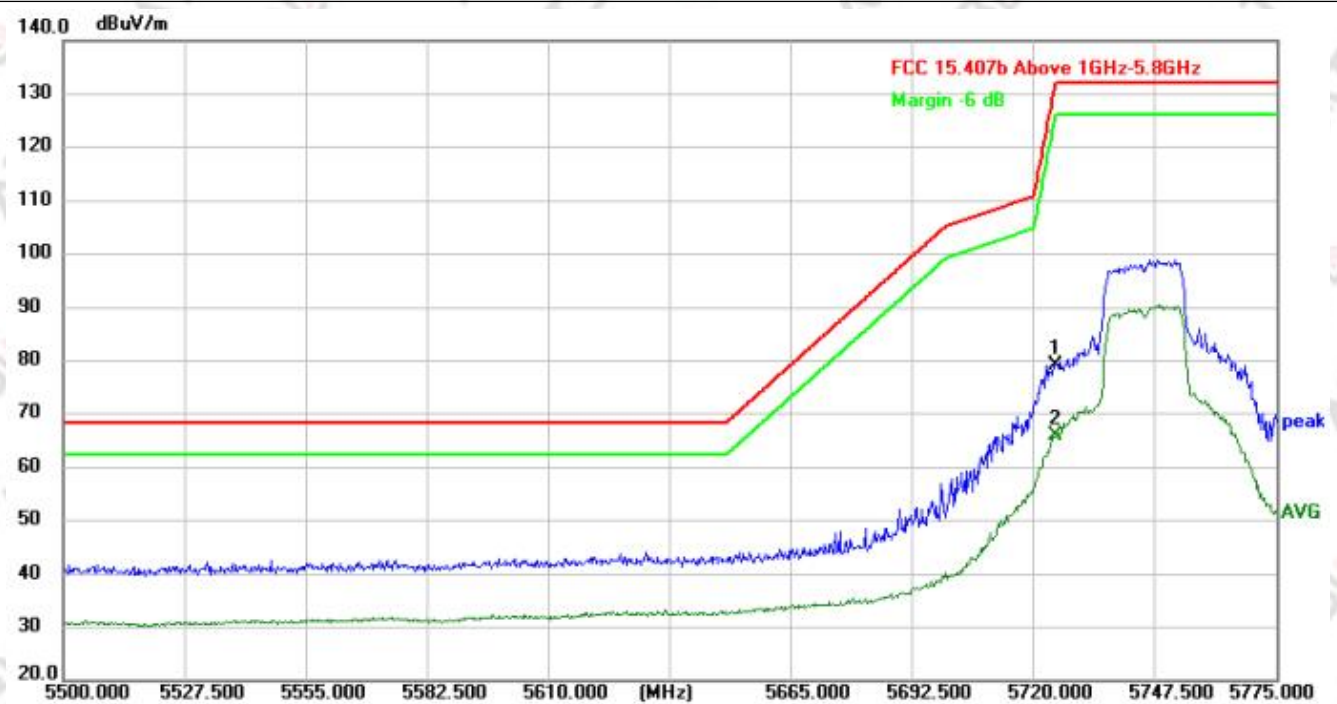
Test Mode: 802.11ac20

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



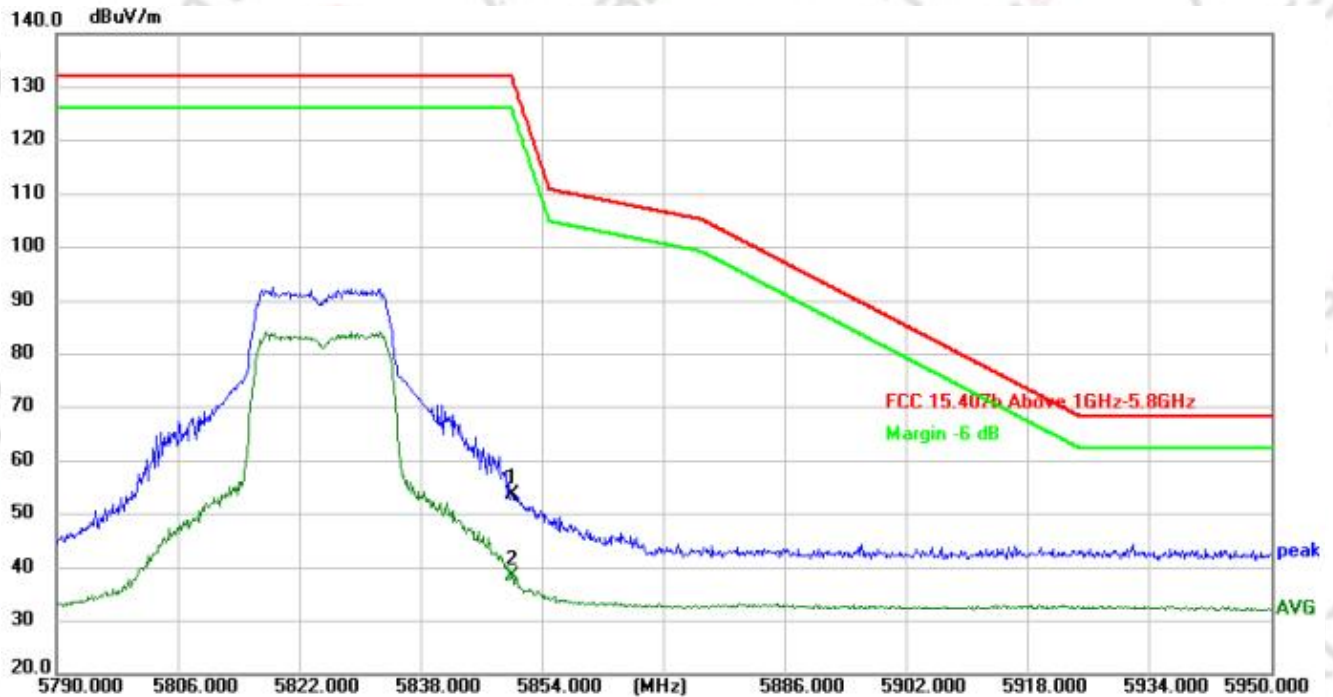
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5725.000	73.10	-7.33	65.77	132.00	-66.23	peak
2	5725.000	55.96	-7.33	48.63	132.00	-83.37	AVG

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



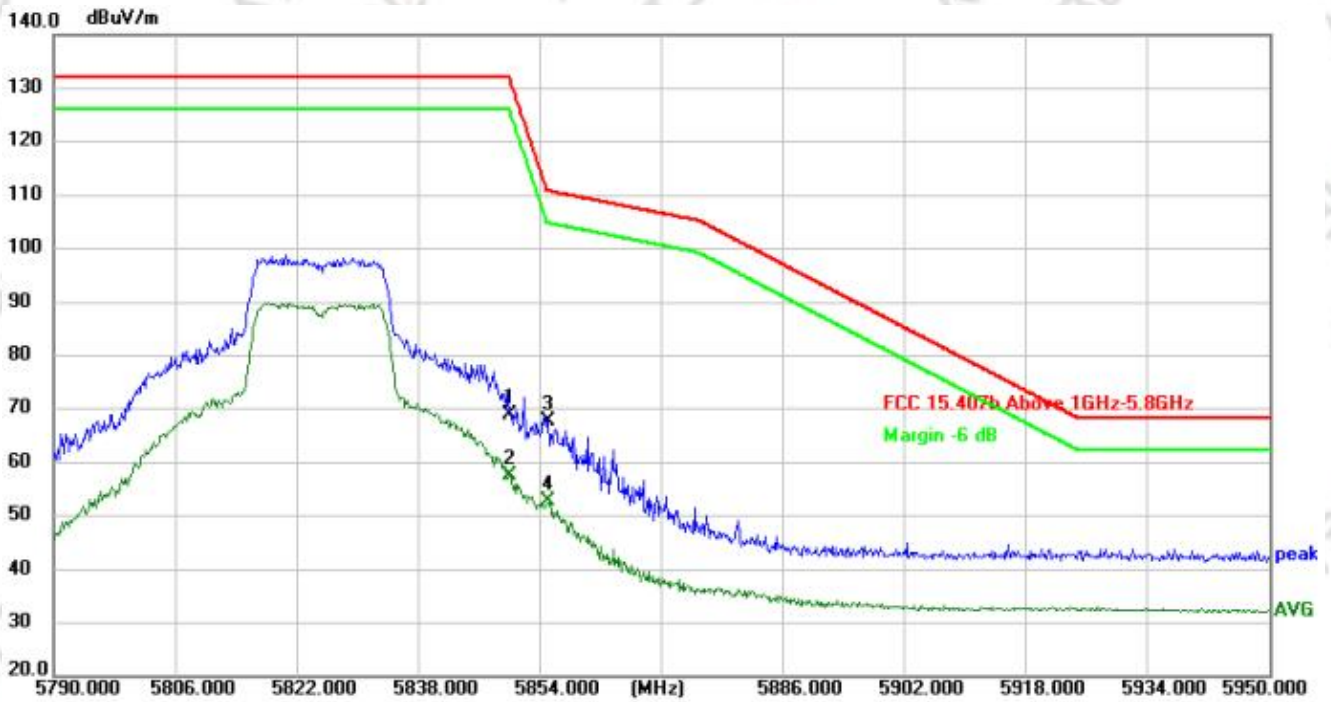
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5725.000	86.42	-7.33	79.09	132.00	-52.91	peak
2	5725.000	73.35	-7.33	66.02	132.00	-65.98	AVG

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	60.60	-6.91	53.69	132.00	-78.31	peak
2	5850.000	45.28	-6.91	38.37	132.00	-93.63	AVG

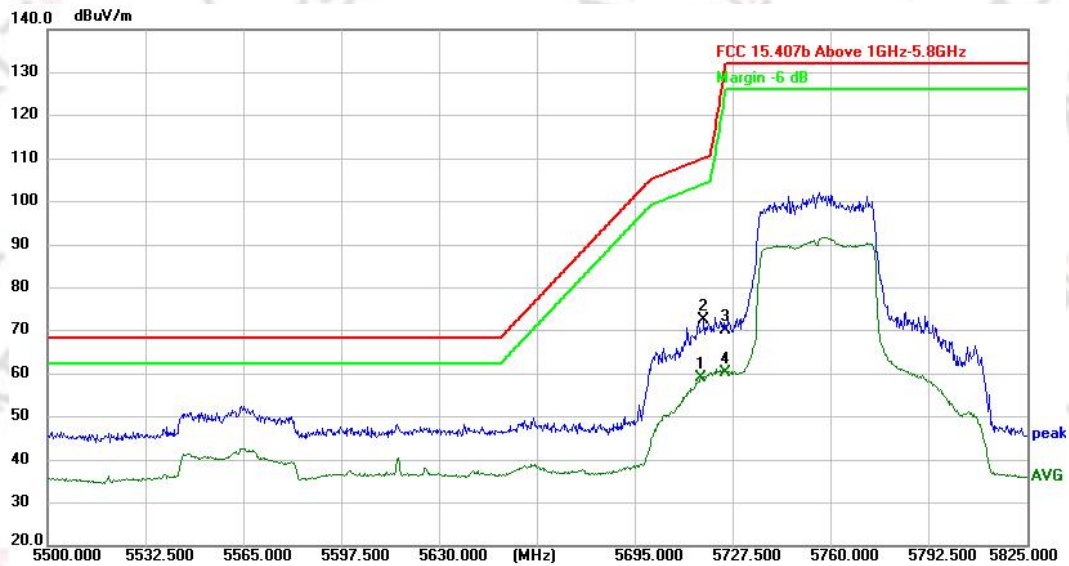
Test Channel: U-NII-3_Highest channel, Test Polarization: Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5850.000	75.98	-6.91	69.07	132.00	-62.93	peak
2	5850.000	64.49	-6.91	57.58	132.00	-74.42	AVG
3	5855.120	74.73	-6.90	67.83	110.77	-42.94	peak
4	5855.280	59.52	-6.90	52.62	110.72	-58.10	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	5716.775	63.08	-3.92	59.16	109.90	-50.74	AVG
2 *	5717.750	76.44	-3.90	72.54	110.17	-37.63	peak
3	5725.000	74.14	-3.88	70.26	132.00	-61.74	peak
4	5725.000	64.20	-3.88	60.32	132.00	-71.68	AVG

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



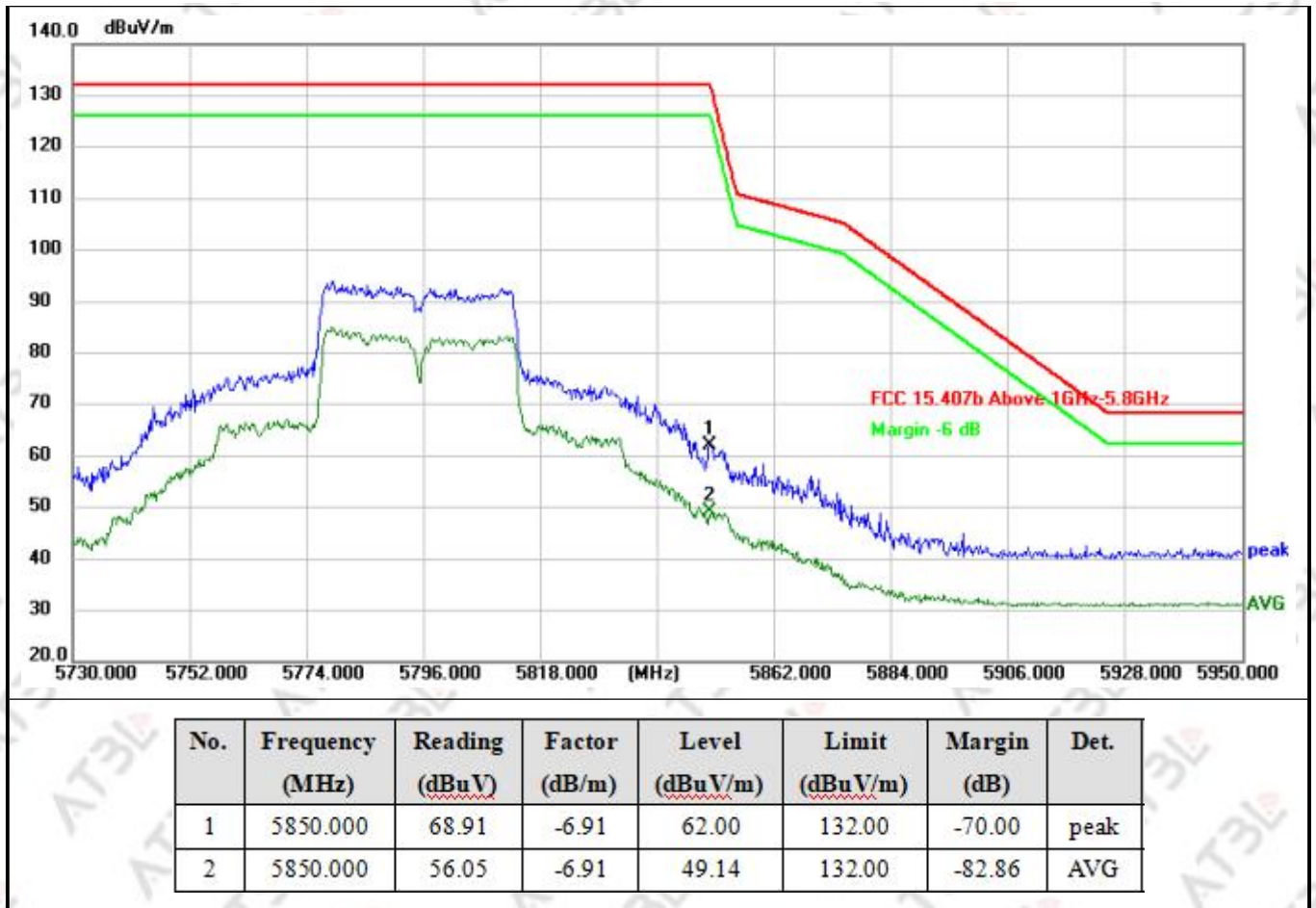
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5717.750	87.17	-7.35	79.82	110.17	-30.35	peak
2	5719.050	76.29	-7.35	68.94	110.53	-41.59	AVG
3	5725.000	84.96	-7.33	77.63	132.00	-54.37	peak
4	5725.000	75.15	-7.33	67.82	132.00	-64.18	AVG

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



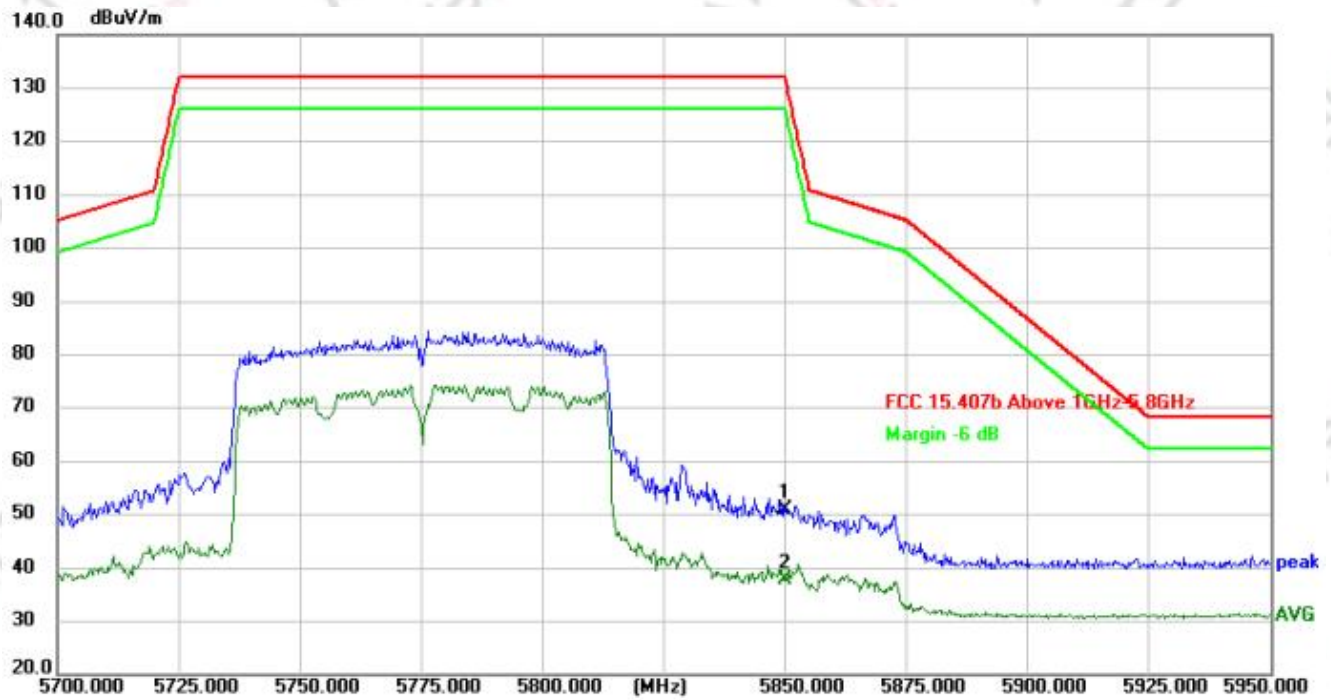
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5850.000	48.72	-6.91	41.81	132.00	-90.19	peak
2	5850.000	39.18	-6.91	32.27	132.00	-99.73	AVG

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



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	57.74	-6.91	50.83	132.00	-81.17	peak
2	5850.000	44.78	-6.91	37.87	132.00	-94.13	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	74.00	-6.91	67.09	132.00	-64.91	peak
2	5850.000	63.99	-6.91	57.08	132.00	-74.92	AVG
3	5862.250	75.20	-6.90	68.30	108.77	-40.47	peak
4	5872.750	62.14	-6.90	55.24	105.83	-50.59	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	5715.150	63.67	-7.38	56.29	109.44	-53.15	peak
2	5717.425	49.04	-7.37	41.67	110.08	-68.41	AVG
3	5725.000	63.70	-7.33	56.37	132.00	-75.63	peak
4	5725.000	49.05	-7.33	41.72	132.00	-90.28	AVG

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

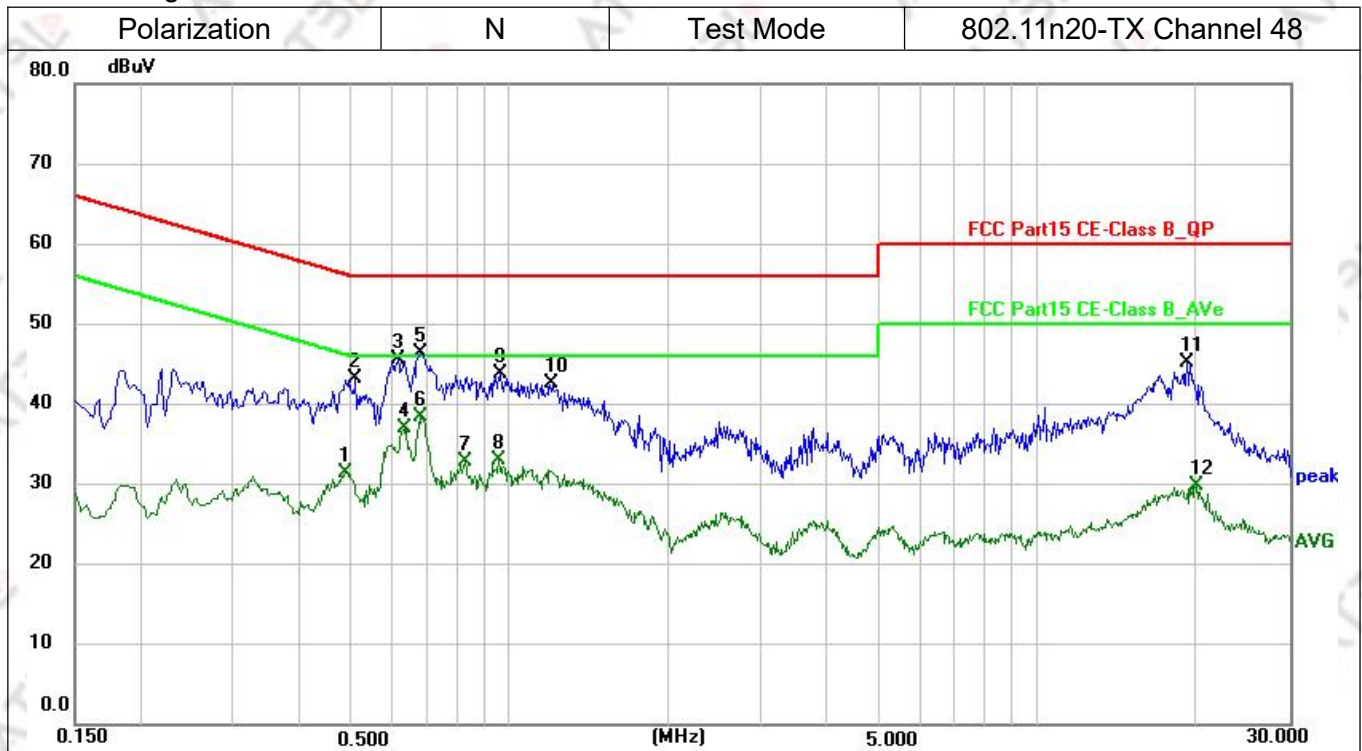


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.
1	5711.575	66.82	-7.40	59.42	108.44	-49.02	AVG
2	5717.425	79.91	-7.37	72.54	110.08	-37.54	peak
3	5725.000	78.50	-7.33	71.17	132.00	-60.83	peak
4	5725.000	66.51	-7.33	59.18	132.00	-72.82	AVG

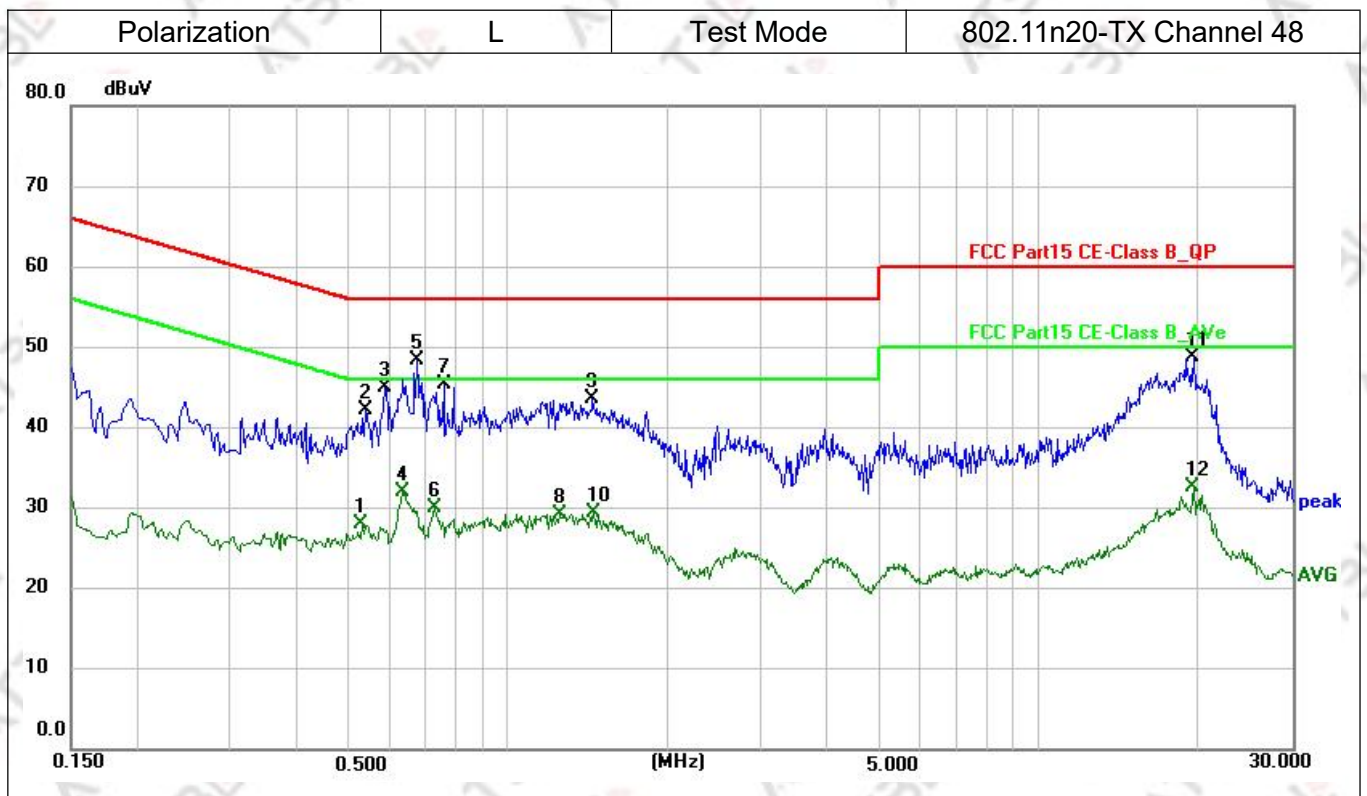
3.AC Power-Line Conducted Emission

Note:

- 1.All modes have been tested, only worst mode(802.11n20-TX Channel 48) 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.



No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.4900	11.87	19.57	31.44	46.17	-14.73	AVG
2	0.5100	23.63	19.56	43.19	56.00	-12.81	peak
3	0.6140	25.96	19.66	45.62	56.00	-10.38	peak
4	0.6300	17.36	19.68	37.04	46.00	-8.96	AVG
5	0.6820	26.69	19.73	46.42	56.00	-9.58	peak
6	0.6820	18.67	19.73	38.40	46.00	-7.60	AVG
7	0.8220	13.09	19.75	32.84	46.00	-13.16	AVG
8	0.9540	13.28	19.76	33.04	46.00	-12.96	AVG
9	0.9620	24.02	19.76	43.78	56.00	-12.22	peak
10	1.2059	22.84	19.82	42.66	56.00	-13.34	peak
11	19.1460	22.32	22.96	45.28	60.00	-14.72	peak
12	20.0020	6.59	23.25	29.84	50.00	-20.16	AVG



No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.5299	8.09	19.86	27.95	46.00	-18.05	AVG
2	0.5380	22.37	19.87	42.24	56.00	-13.76	peak
3	0.5860	25.01	19.89	44.90	56.00	-11.10	peak
4	0.6300	12.04	19.91	31.95	46.00	-14.05	AVG
5	0.6740	28.38	19.94	48.32	56.00	-7.68	peak
6	0.7260	10.05	19.93	29.98	46.00	-16.02	AVG
7	0.7580	25.56	19.91	45.47	56.00	-10.53	peak
8	1.2540	9.42	19.86	29.28	46.00	-16.72	AVG
9	1.4460	23.66	19.94	43.60	56.00	-12.40	peak
10	1.4500	9.39	19.94	29.33	46.00	-16.67	AVG
11	19.6259	25.15	23.62	48.77	60.00	-11.23	peak
12	19.6259	9.00	23.62	32.62	50.00	-17.38	AVG

*****END*****