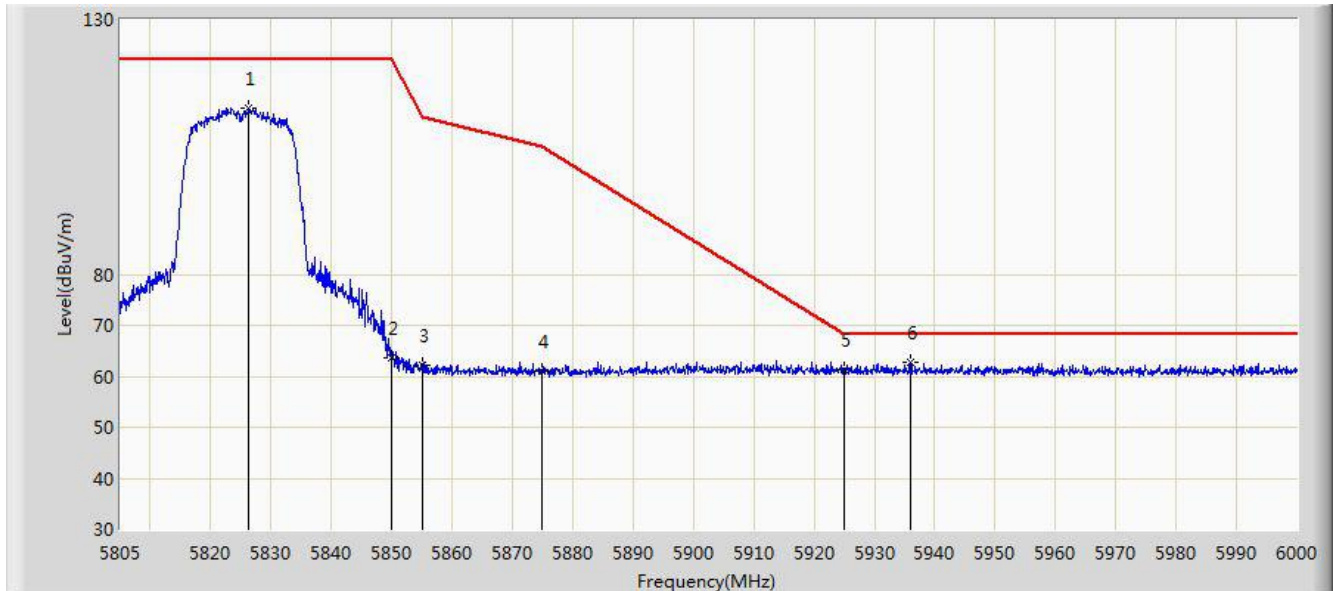


Site: NS-AC1	Time: 2020/11/03 - 22:43
Limit: FCC_Part 15.209_RE(3m)	Engineer: Sakura Chen
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: MESH AP Product	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz (CDD Mode)	

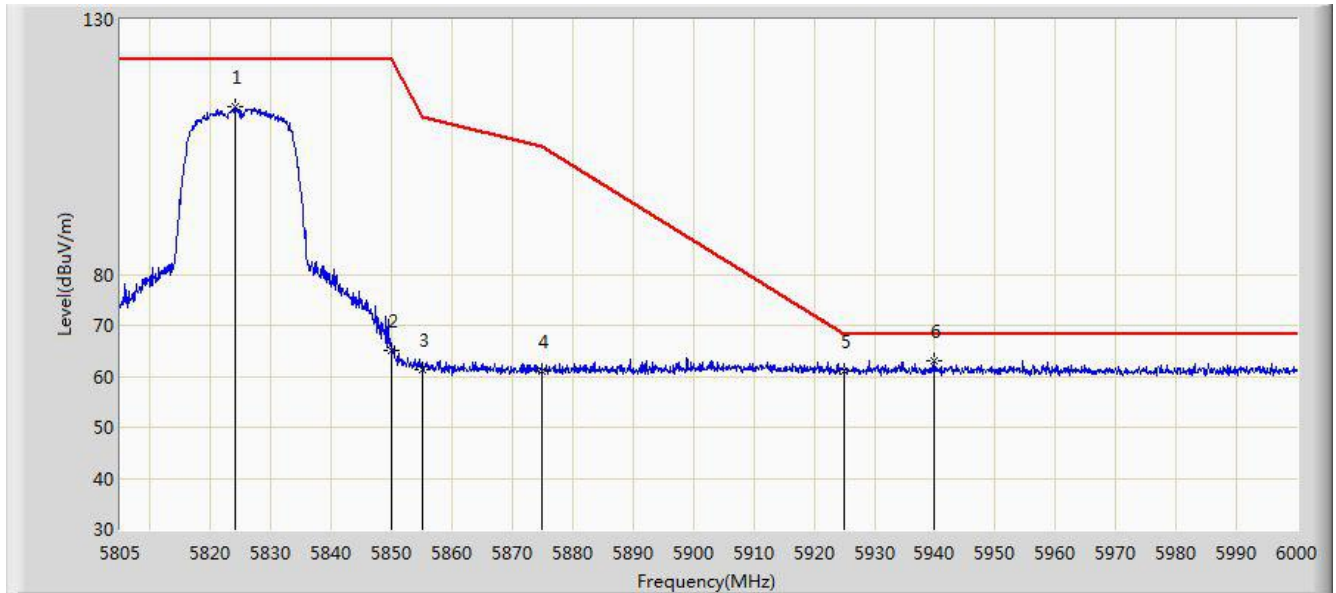


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5826.353	112.691	108.699	N/A	N/A	3.992	PK
2			5850.000	63.738	59.443	-58.462	122.200	4.295	PK
3			5855.000	62.075	57.746	-48.725	110.800	4.329	PK
4			5875.000	60.870	56.511	-44.330	105.200	4.360	PK
5			5925.000	61.362	56.706	-6.838	68.200	4.656	PK
6		*	5936.040	62.763	58.074	-5.437	68.200	4.689	PK

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2020/11/03 - 22:46
Limit: FCC_Part 15.209_RE(3m)	Engineer: Sakura Chen
Probe: NS-AC1_BBHA9120D_2111	Polarity: Vertical
EUT: MESH AP Product	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz (CDD Mode)	

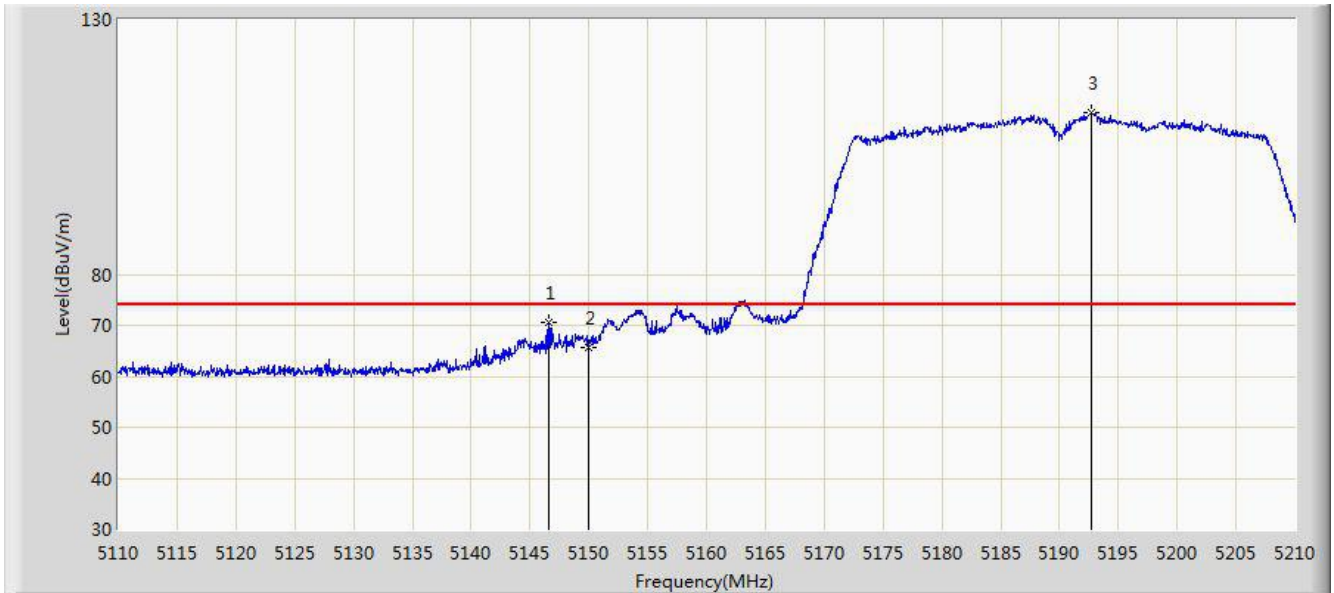


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5824.013	112.815	108.823	N/A	N/A	3.992	PK
2			5850.000	65.031	60.736	-57.169	122.200	4.295	PK
3			5855.000	61.163	56.834	-49.637	110.800	4.329	PK
4			5875.000	61.107	56.748	-44.093	105.200	4.360	PK
5			5925.000	60.974	56.318	-7.226	68.200	4.656	PK
6		*	5939.842	63.157	58.470	-5.043	68.200	4.687	PK

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2020/10/31 - 22:06
Limit: FCC_Part 15_209 RE(3m)	Engineer: Sakura Chen
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: MESH AP Product	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz (CDD Mode)	

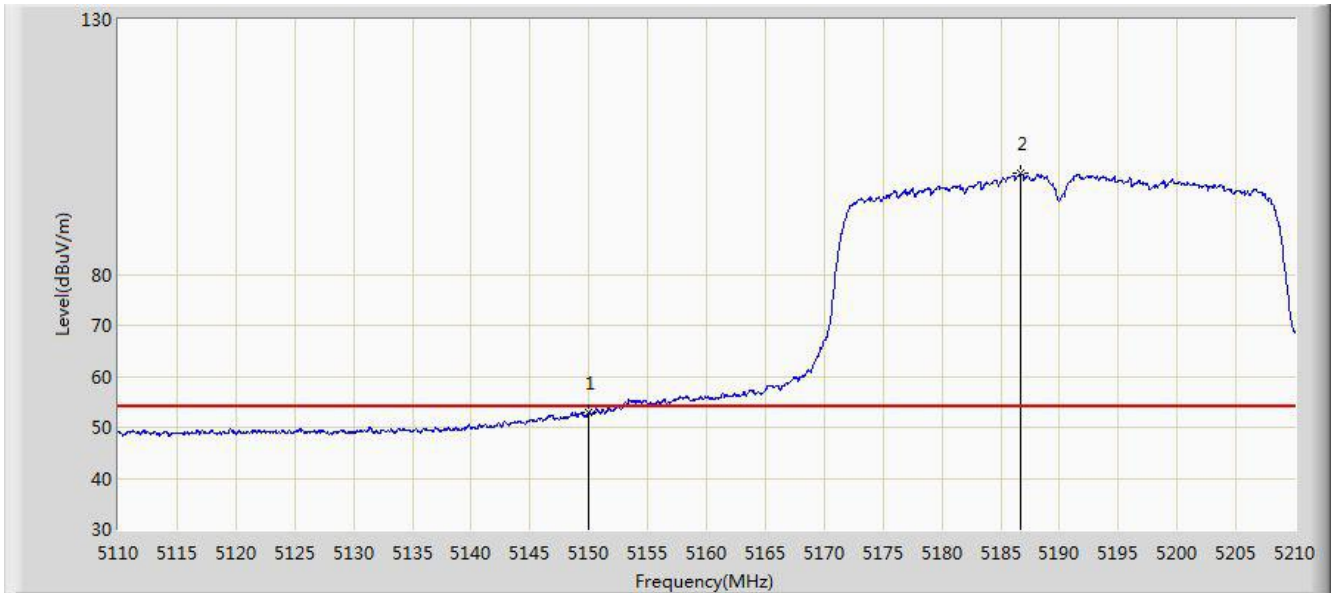


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.550	70.711	68.066	-3.289	74.000	2.645	PK
2			5150.000	65.706	63.057	-8.294	74.000	2.649	PK
3		*	5192.750	111.763	109.220	N/A	N/A	2.542	PK

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2020/10/31 - 22:05
Limit: FCC_Part 15_209 RE(3m)	Engineer: Sakura Chen
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: MESH AP Product	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz (CDD Mode)	

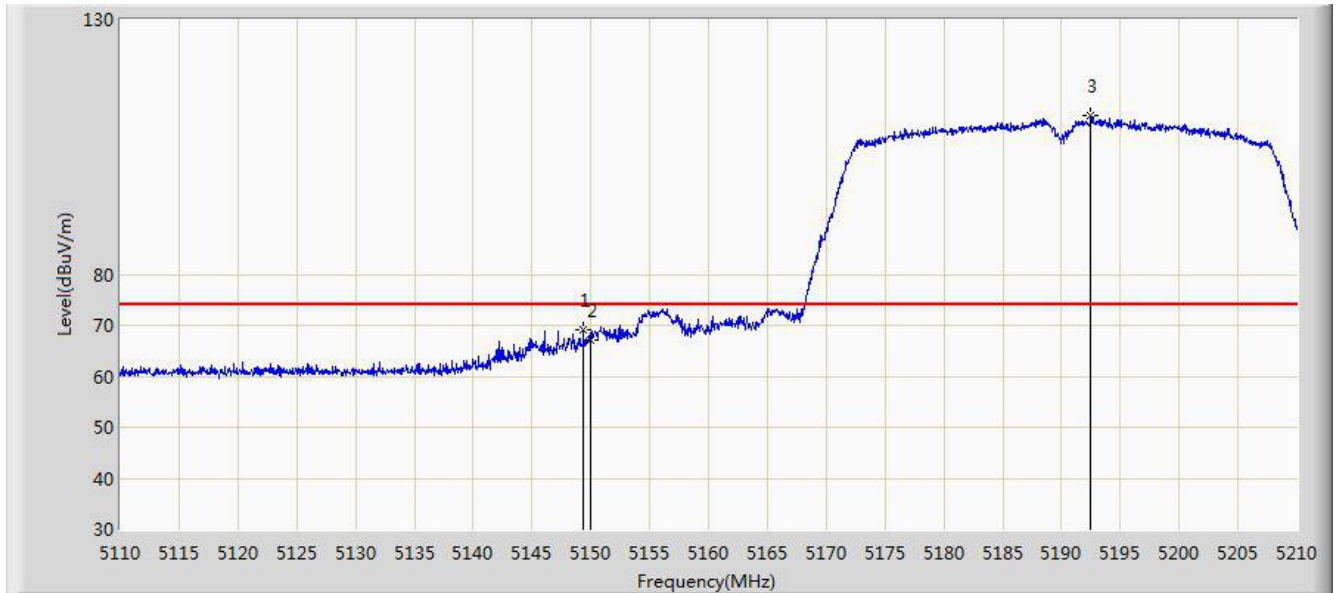


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.031	50.382	-0.969	54.000	2.649	AV
2		*	5186.650	99.767	97.241	N/A	N/A	2.525	AV

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2020/10/31 - 22:08
Limit: FCC_Part 15_209 RE(3m)	Engineer: Sakura Chen
Probe: NS-AC1_BBHA9120D_2111	Polarity: Vertical
EUT: MESH AP Product	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz (CDD Mode)	

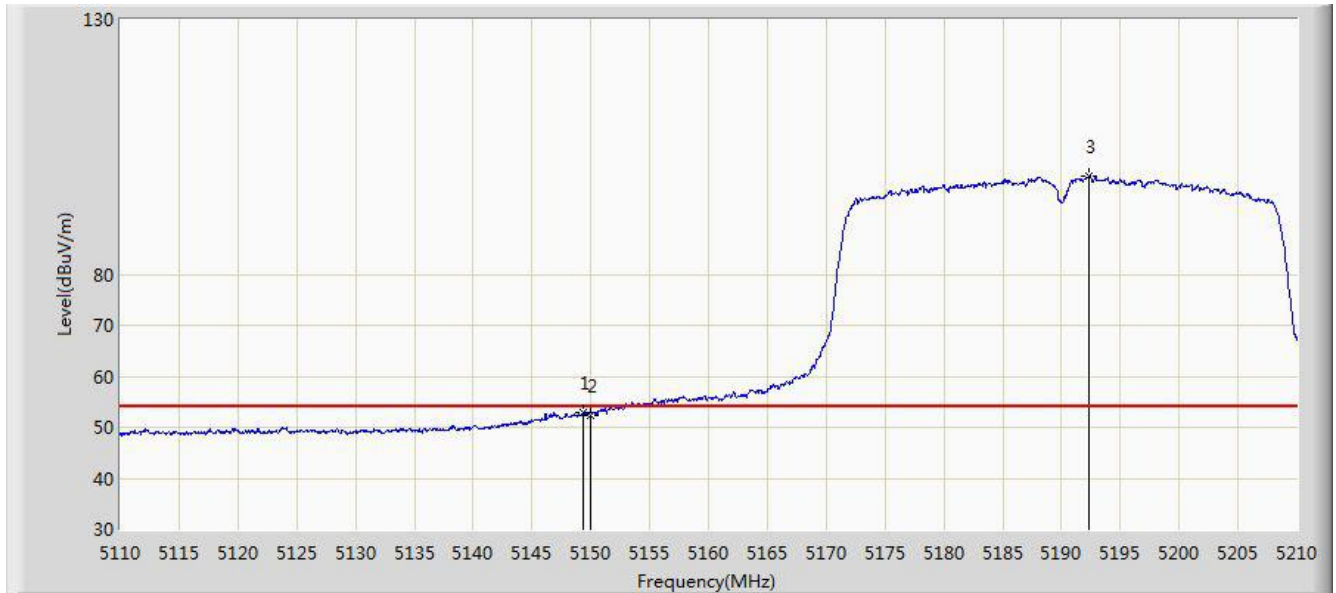


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.350	69.148	66.500	-4.852	74.000	2.647	PK
2			5150.000	67.167	64.518	-6.833	74.000	2.649	PK
3		*	5192.500	111.124	108.582	N/A	N/A	2.541	PK

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2020/10/31 - 22:11
Limit: FCC_Part 15_209 RE(3m)	Engineer: Sakura Chen
Probe: NS-AC1_BBHA9120D_2111	Polarity: Vertical
EUT: MESH AP Product	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz (CDD Mode)	

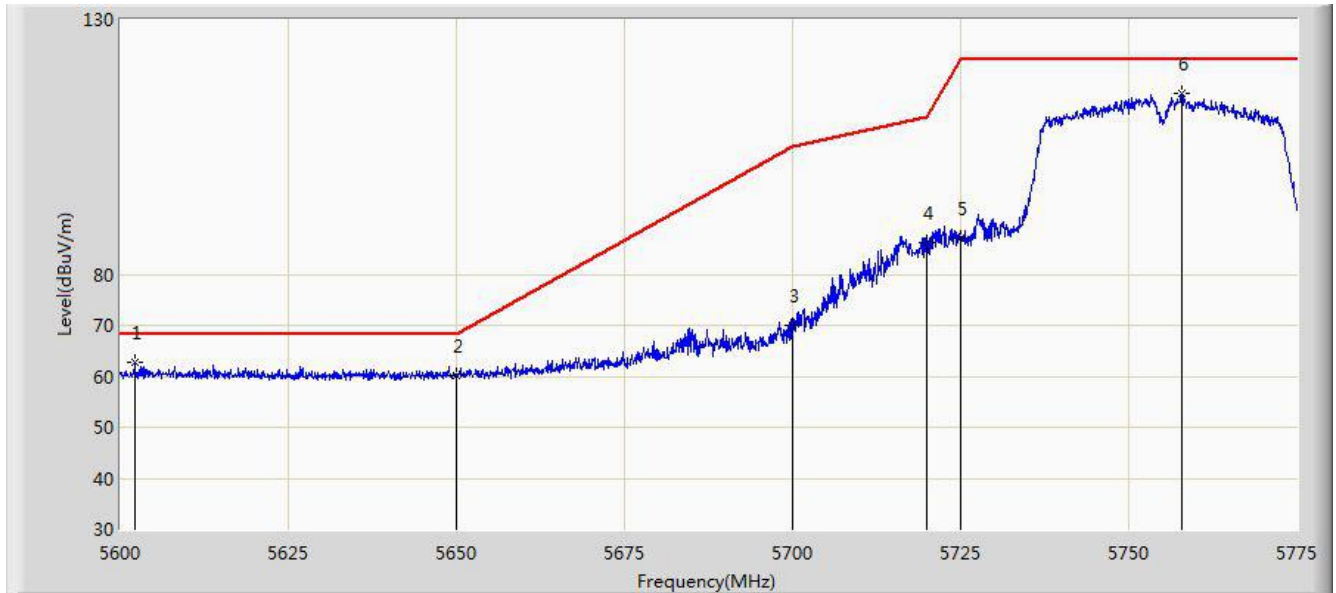


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.400	53.018	50.370	-0.982	54.000	2.647	AV
2			5150.000	52.406	49.757	-1.594	54.000	2.649	AV
3		*	5192.350	99.414	96.873	N/A	N/A	2.541	AV

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2020/11/03 - 22:48
Limit: FCC_Part 15.209_RE(3m)	Engineer: Sakura Chen
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: MESH AP Product	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz (CDD Mode)	

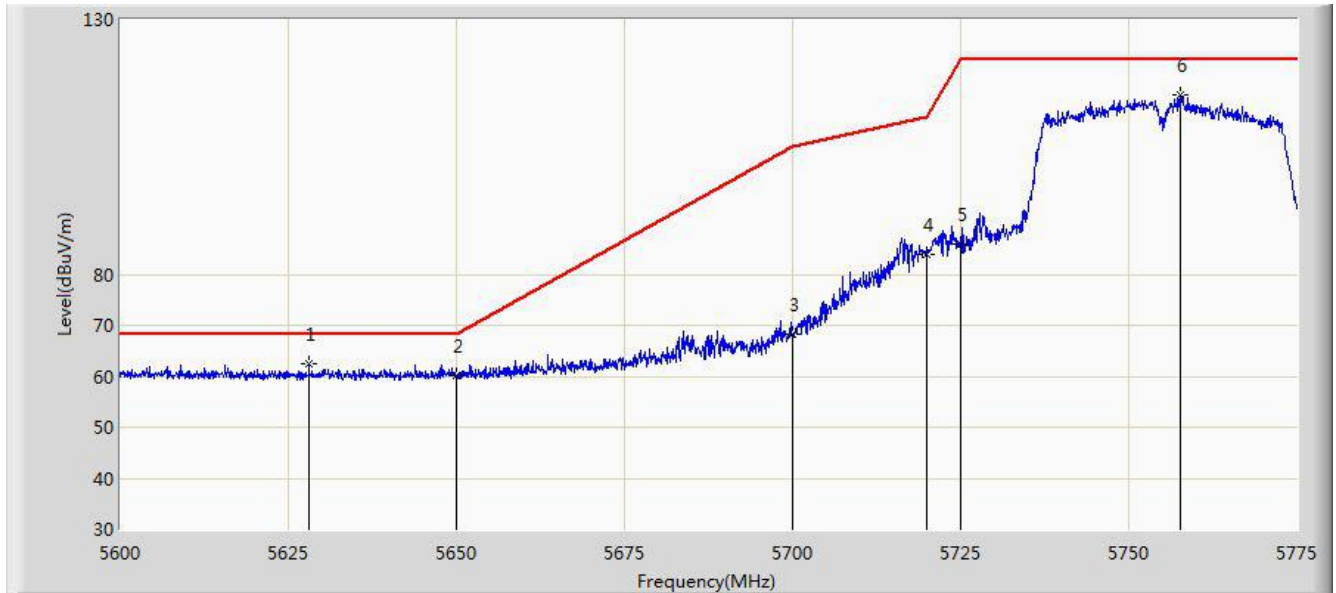


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5602.187	62.636	58.822	-5.564	68.200	3.813	PK
2			5650.000	60.237	56.467	-7.963	68.200	3.770	PK
3			5700.000	69.907	65.939	-35.293	105.200	3.968	PK
4			5720.000	86.301	82.487	-24.499	110.800	3.814	PK
5			5725.000	87.238	83.459	-34.962	122.200	3.779	PK
6			5757.850	115.483	111.432	N/A	N/A	4.051	PK

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2020/11/03 - 22:49
Limit: FCC_Part 15.209_RE(3m)	Engineer: Sakura Chen
Probe: NS-AC1_BBHA9120D_2111	Polarity: Vertical
EUT: MESH AP Product	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz (CDD Mode)	

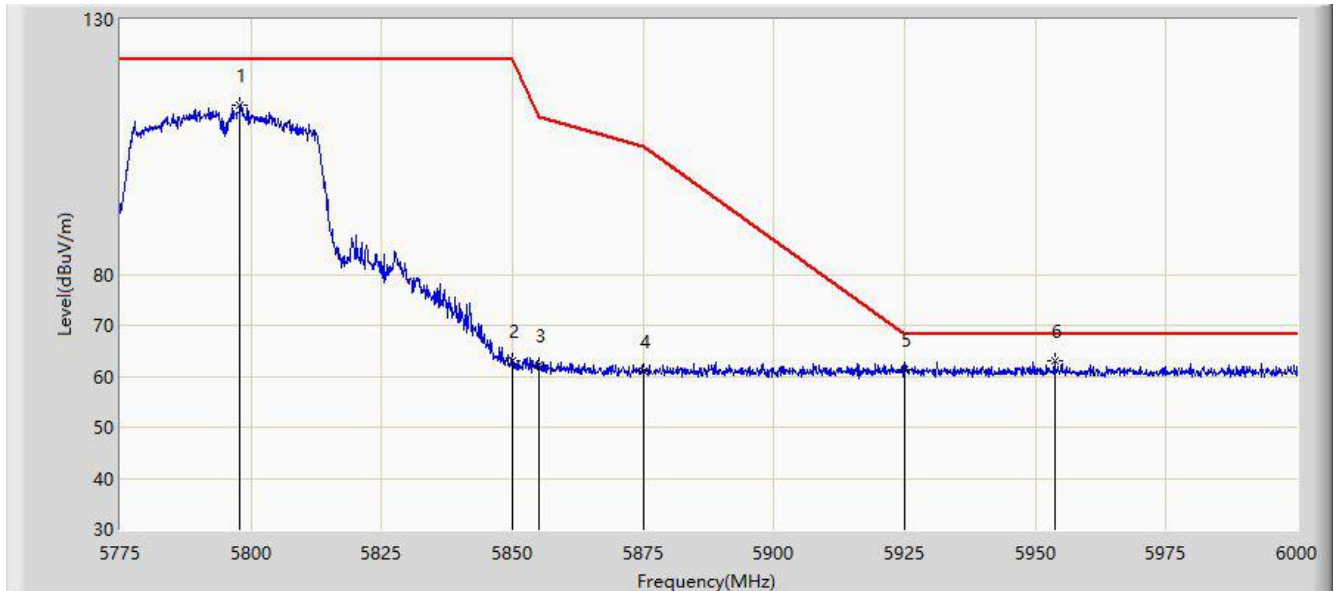


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5628.087	62.407	58.649	-5.793	68.200	3.758	PK
2			5650.000	60.244	56.474	-7.956	68.200	3.770	PK
3			5700.000	68.311	64.343	-36.889	105.200	3.968	PK
4			5720.000	83.865	80.051	-26.935	110.800	3.814	PK
5			5725.000	85.892	82.113	-36.308	122.200	3.779	PK
6			5757.763	115.162	111.113	N/A	N/A	4.049	PK

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2020/11/05 - 23:06
Limit: FCC_Part 15.209_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: MESH AP Product	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz (CDD Mode)	

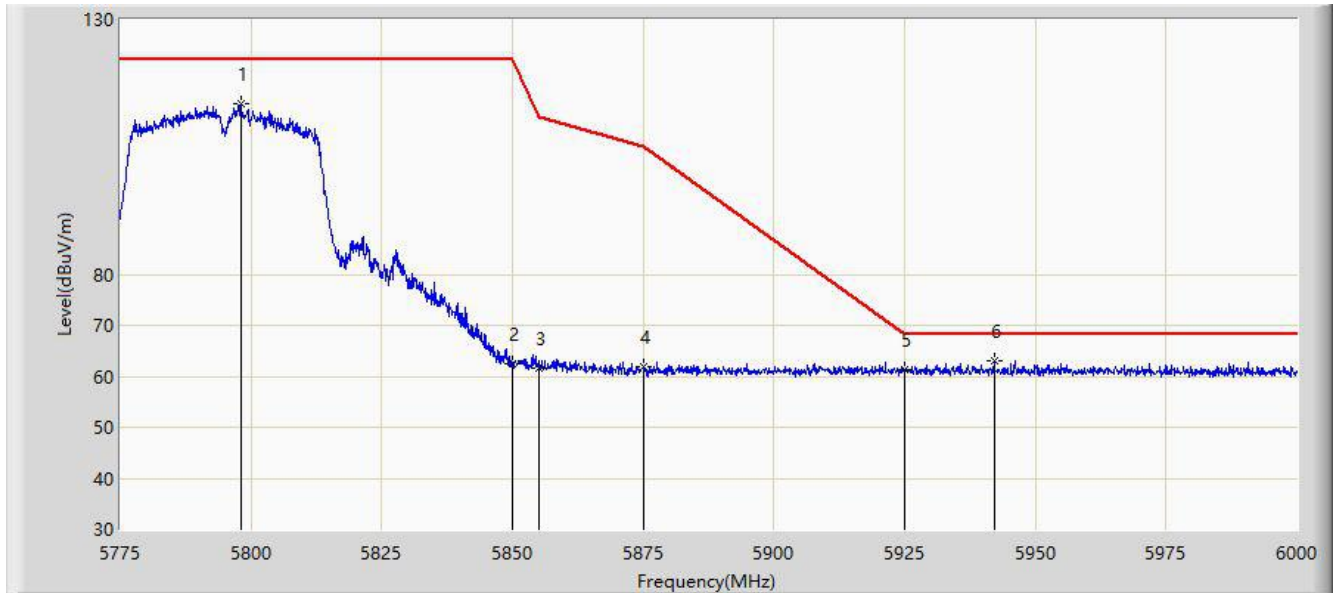


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5797.837	113.224	109.151	N/A	N/A	4.072	PK
2			5850.000	62.992	58.697	-59.208	122.200	4.295	PK
3			5855.000	62.267	57.938	-48.533	110.800	4.329	PK
4			5875.000	61.147	56.788	-44.053	105.200	4.360	PK
5			5925.000	61.227	56.571	-6.973	68.200	4.656	PK
6		*	5953.650	63.032	58.359	-5.168	68.200	4.673	PK

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2020/11/05 - 23:14
Limit: FCC_Part 15.209_RE(3m)	Engineer: Flag Yang
Probe: NS-AC1_BBHA9120D_2111	Polarity: Vertical
EUT: MESH AP Product	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz (CDD Mode)	

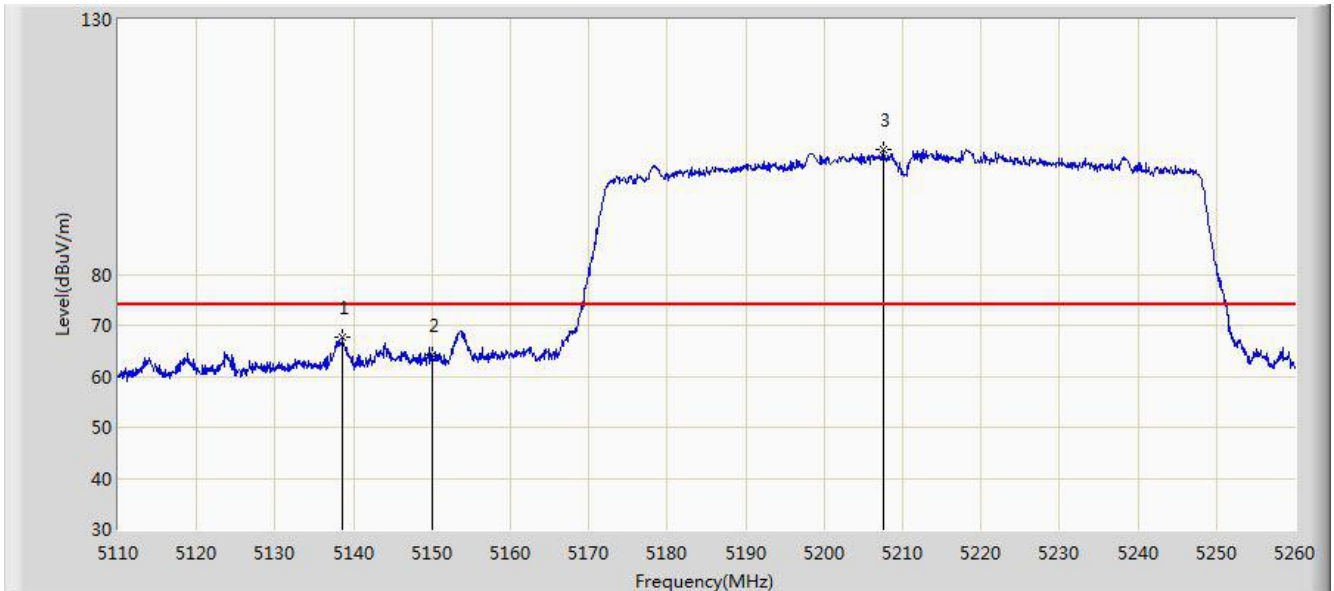


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5798.062	113.549	109.478	N/A	N/A	4.071	PK
2			5850.000	62.397	58.102	-59.803	122.200	4.295	PK
3			5855.000	61.467	57.138	-49.333	110.800	4.329	PK
4			5875.000	61.810	57.451	-43.390	105.200	4.360	PK
5			5925.000	61.181	56.525	-7.019	68.200	4.656	PK
6		*	5942.062	63.118	58.432	-5.082	68.200	4.685	PK

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2020/10/31 - 22:31
Limit: FCC_Part 15_209 RE(3m)	Engineer: Sakura Chen
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: MESH AP Product	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz (CDD Mode)	

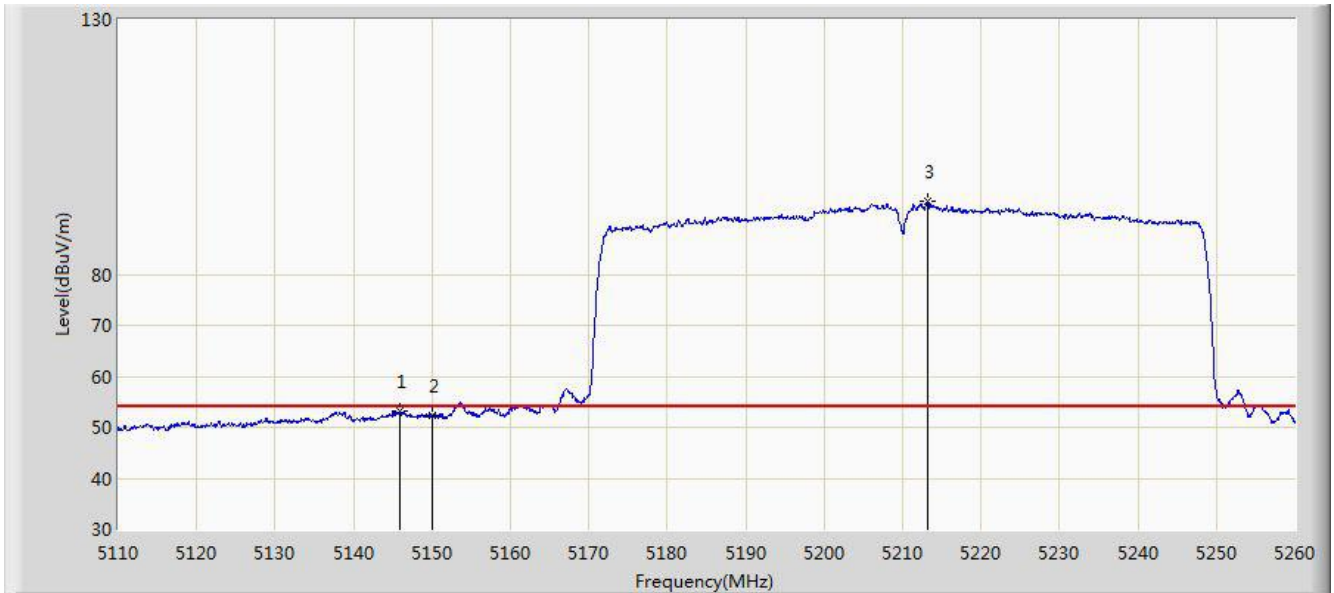


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5138.575	67.677	65.030	-6.323	74.000	2.648	PK
2			5150.000	64.166	61.517	-9.834	74.000	2.649	PK
3		*	5207.500	104.558	101.968	N/A	N/A	2.590	PK

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2020/10/31 - 22:30
Limit: FCC_Part 15_209 RE(3m)	Engineer: Sakura Chen
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: MESH AP Product	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz (CDD Mode)	

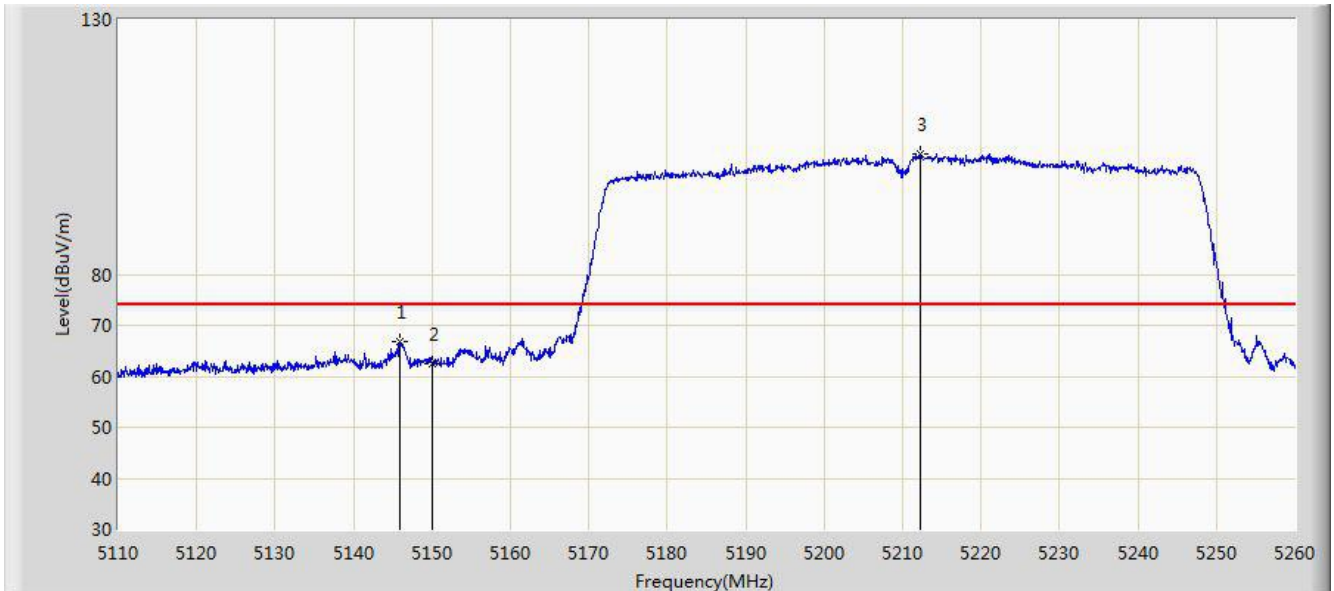


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.925	53.137	50.492	-0.863	54.000	2.645	AV
2			5150.000	52.321	49.672	-1.679	54.000	2.649	AV
3		*	5213.125	94.204	91.594	N/A	N/A	2.610	AV

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2020/10/31 - 22:33
Limit: FCC_Part 15_209 RE(3m)	Engineer: Sakura Chen
Probe: NS-AC1_BBHA9120D_2111	Polarity: Vertical
EUT: MESH AP Product	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz (CDD Mode)	

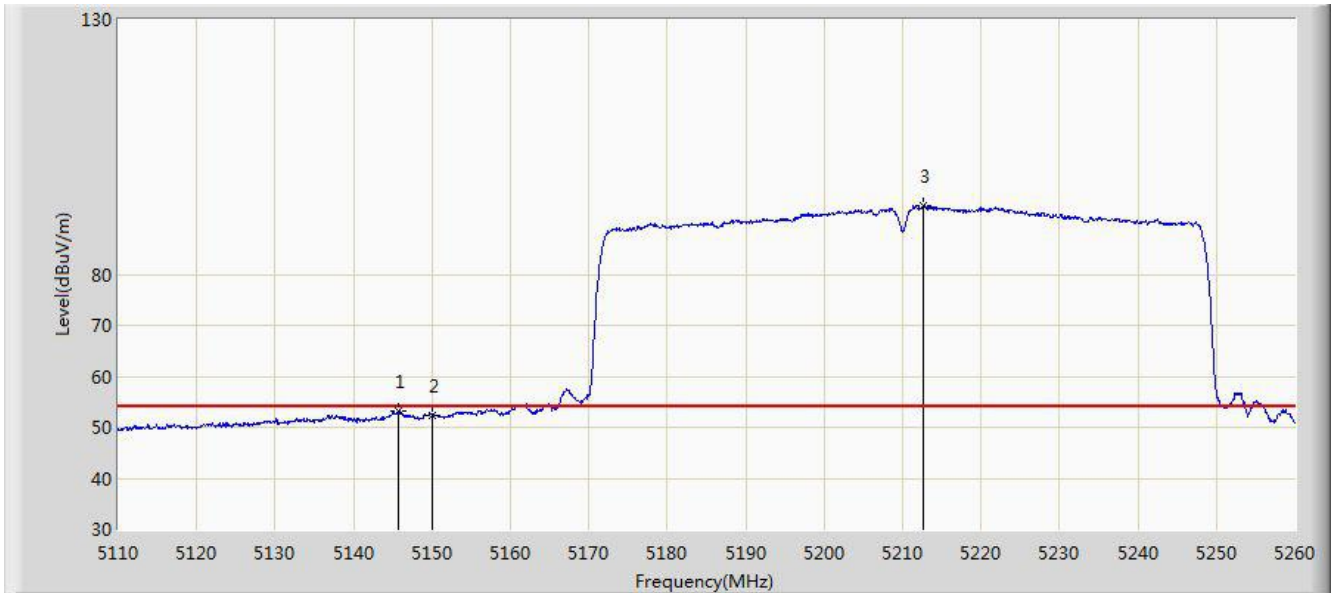


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.925	66.687	64.042	-7.313	74.000	2.645	PK
2			5150.000	62.492	59.843	-11.508	74.000	2.649	PK
3		*	5212.225	103.591	100.984	N/A	N/A	2.607	PK

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2020/10/31 - 22:36
Limit: FCC_Part 15_209 RE(3m)	Engineer: Sakura Chen
Probe: NS-AC1_BBHA9120D_2111	Polarity: Vertical
EUT: MESH AP Product	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz (CDD Mode)	

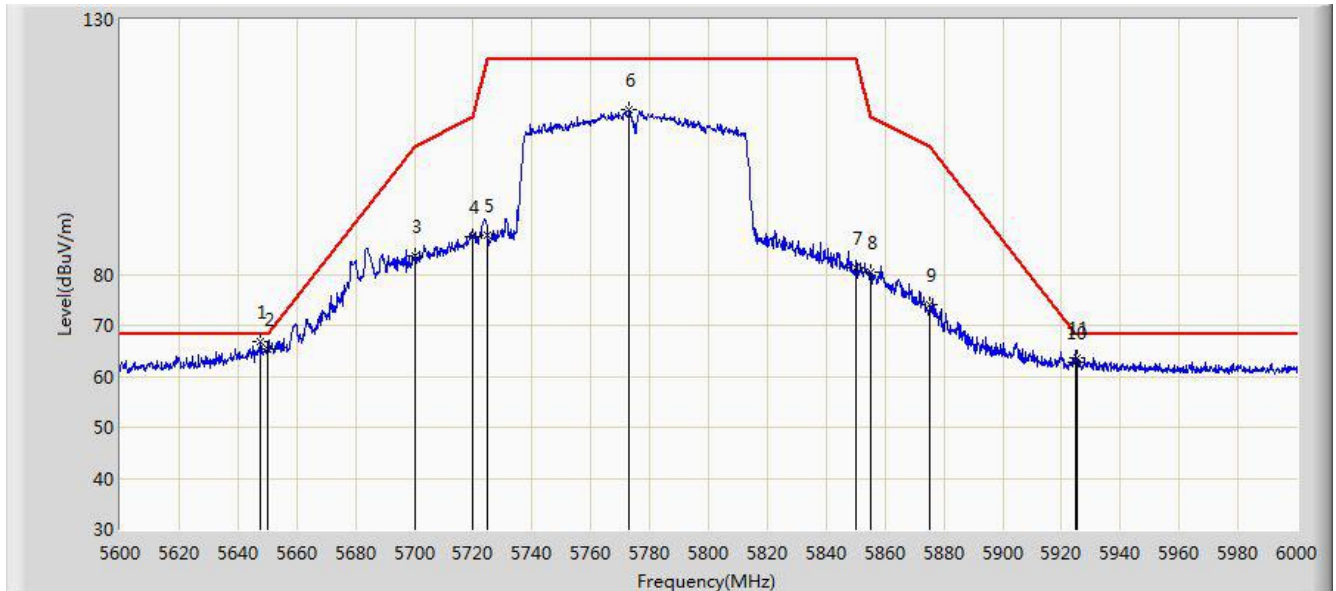


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.775	53.238	50.593	-0.762	54.000	2.645	AV
2			5150.000	52.351	49.702	-1.649	54.000	2.649	AV
3		*	5212.675	93.538	90.929	N/A	N/A	2.609	AV

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2020/11/02 - 14:37
Limit: FCC_Part 15.209_RE(3m)	Engineer: Sakura Chen
Probe: NS-AC1_BBHA9120D_2111	Polarity: Horizontal
EUT: MESH AP Product	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz (CDD Mode)	

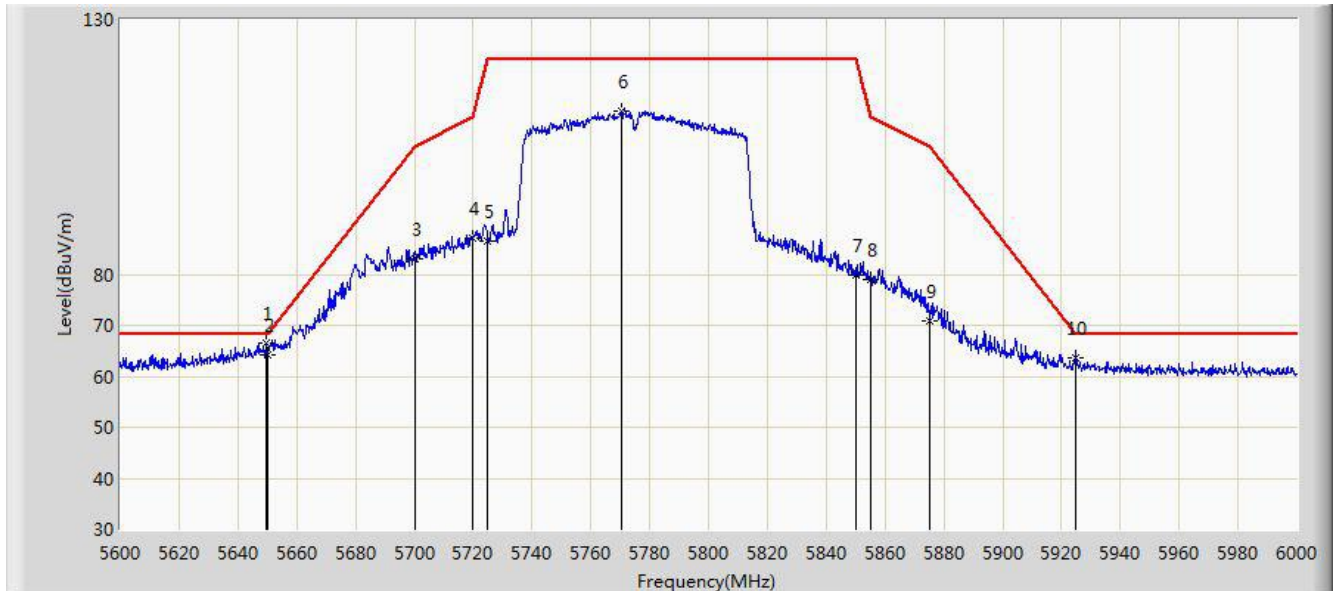


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5647.400	66.734	62.980	-1.466	68.200	3.754	PK
2			5650.000	65.371	61.601	-2.829	68.200	3.770	PK
3			5700.000	83.768	79.800	-21.432	105.200	3.968	PK
4			5720.000	87.524	83.710	-23.276	110.800	3.814	PK
5			5725.000	87.716	83.937	-34.484	122.200	3.779	PK
6			5773.000	112.216	108.043	N/A	N/A	4.173	PK
7			5850.000	81.362	77.067	-40.838	122.200	4.295	PK
8			5855.000	80.530	76.201	-30.270	110.800	4.329	PK
9			5875.000	73.964	69.605	-31.236	105.200	4.360	PK
10			5925.000	62.728	58.072	-5.472	68.200	4.656	PK
11			5925.200	63.601	58.944	-4.599	68.200	4.657	PK

Note: Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: NS-AC1	Time: 2020/11/02 - 14:35
Limit: FCC_Part 15.209_RE(3m)	Engineer: Sakura Chen
Probe: NS-AC1_BBHA9120D_2111	Polarity: Vertical
EUT: MESH AP Product	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz (CDD Mode)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5649.400	66.569	62.803	-1.631	68.200	3.766	PK
2			5650.000	64.328	60.558	-3.872	68.200	3.770	PK
3			5700.000	83.168	79.200	-22.032	105.200	3.968	PK
4			5720.000	87.105	83.291	-23.695	110.800	3.814	PK
5			5725.000	86.542	82.763	-35.658	122.200	3.779	PK
6			5770.200	112.153	108.000	N/A	N/A	4.152	PK
7			5850.000	79.746	75.451	-42.454	122.200	4.295	PK
8			5855.000	78.949	74.620	-31.851	110.800	4.329	PK
9			5875.000	71.008	66.649	-34.192	105.200	4.360	PK
10			5925.000	63.521	58.865	-4.679	68.200	4.656	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

6.10. AC Conducted Emissions Measurement

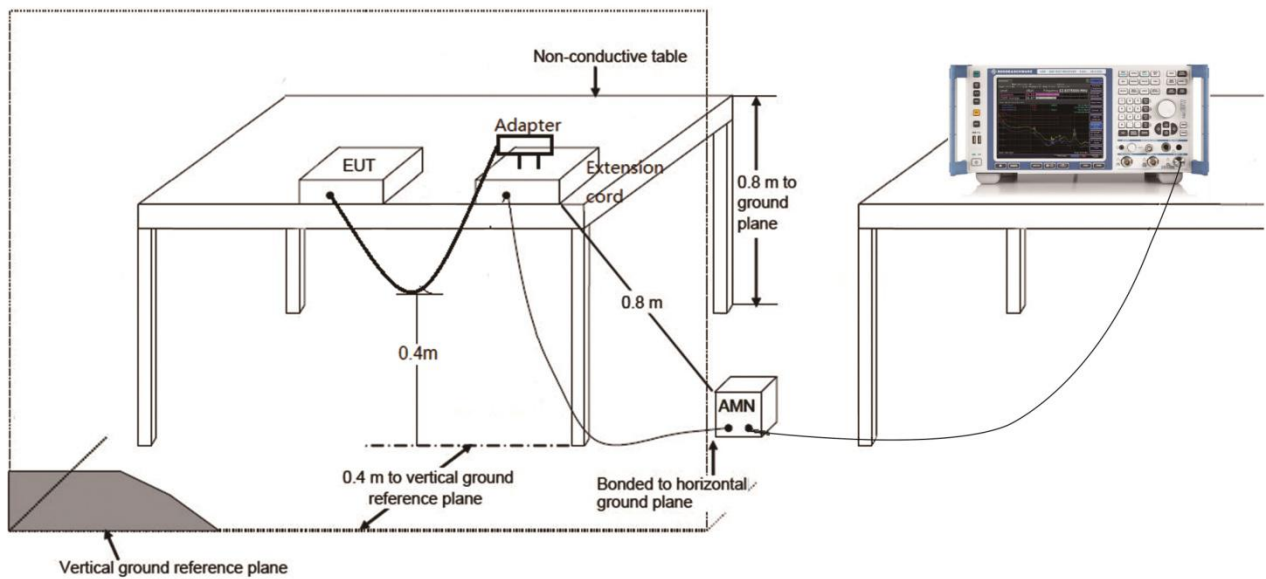
6.10.1. TestLimit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dB μ V)	Average (dB μ V)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

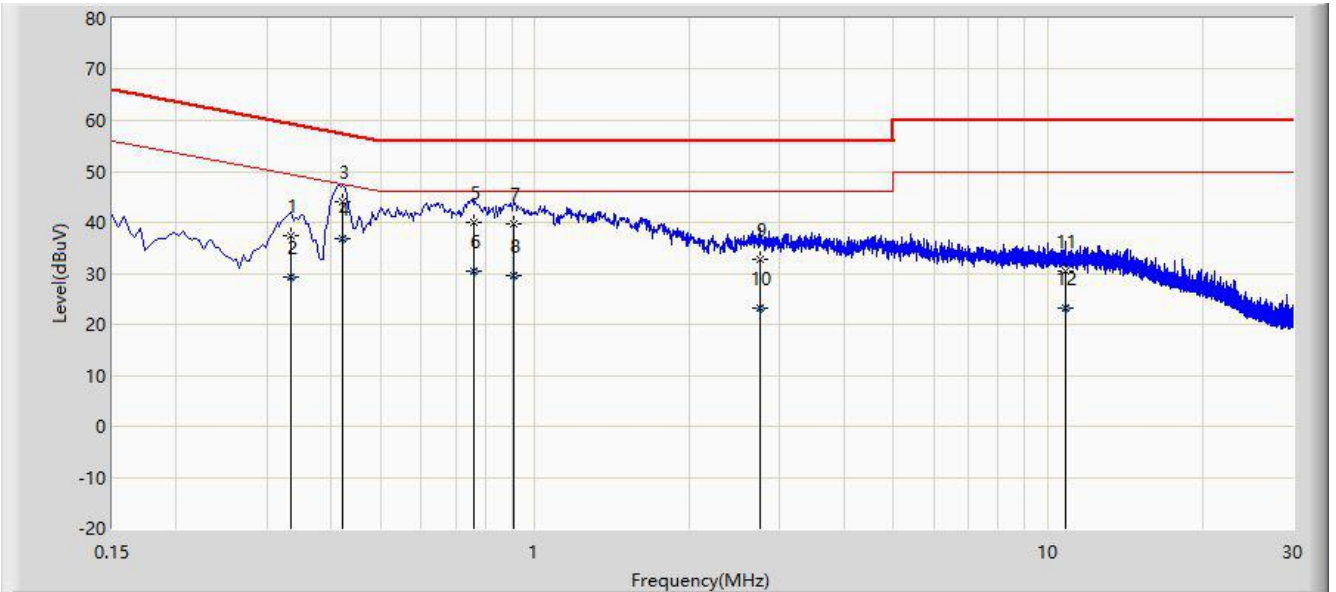
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

6.10.2. Test Setup



6.10.3. Test Result

Site: NS-SR2	Time: 2020/11/01 - 14:51
Limit: FCC_Part15.207_CE_AC Power	Engineer: Selina Zhang
Probe: ENV216_102494_Filter On	Polarity: Line
EUT: MESH AP Product	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz	

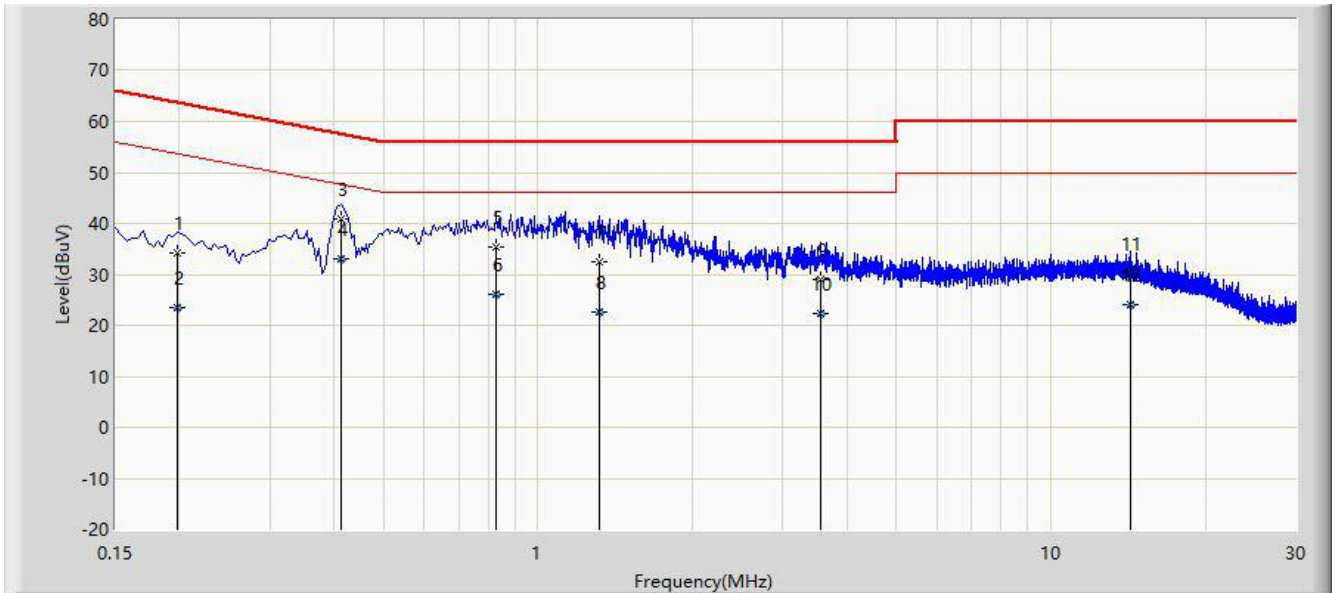


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor(dB)	Type
1			0.334	37.458	27.629	-21.893	59.351	9.828	QP
2			0.334	29.131	19.302	-20.220	49.351	9.828	AV
3			0.422	43.926	33.967	-13.483	57.409	9.959	QP
4		*	0.422	36.842	26.883	-10.567	47.409	9.959	AV
5			0.762	40.130	30.263	-15.870	56.000	9.868	QP
6			0.762	30.318	20.450	-15.682	46.000	9.868	AV
7			0.910	39.820	30.007	-16.180	56.000	9.813	QP
8			0.910	29.680	19.867	-16.320	46.000	9.813	AV
9			2.738	32.676	22.988	-23.324	56.000	9.688	QP
10			2.738	23.273	13.585	-22.727	46.000	9.688	AV
11			10.794	30.552	20.729	-29.448	60.000	9.823	QP
12			10.794	23.127	13.304	-26.873	50.000	9.823	AV

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Site: NS-SR2	Time: 2020/11/01 - 15:20
Limit: FCC_Part15.207_CE_AC Power	Engineer: Selina Zhang
Probe: ENV216_102494_Filter On	Polarity: Neutral
EUT: MESH AP Product	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor(dB)	Type
1			0.198	34.169	24.362	-29.525	63.694	9.808	QP
2			0.198	23.545	13.737	-30.150	53.694	9.808	AV
3			0.414	40.905	30.950	-16.663	57.568	9.956	QP
4		*	0.414	32.899	22.944	-14.669	47.568	9.956	AV
5			0.830	35.395	25.555	-20.605	56.000	9.840	QP
6			0.830	26.049	16.209	-19.951	46.000	9.840	AV
7			1.318	32.574	22.844	-23.426	56.000	9.730	QP
8			1.318	22.596	12.866	-23.404	46.000	9.730	AV
9			3.562	28.963	19.268	-27.037	56.000	9.695	QP
10			3.562	22.279	12.584	-23.721	46.000	9.695	AV
11			14.274	30.035	20.114	-29.965	60.000	9.921	QP
12			14.274	23.943	14.022	-26.057	50.000	9.921	AV

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

7. CONCLUSION

The data collected relate only the item(s) tested and show that the device is compliance with Part 15E of the FCC rules.

————— The End —————

Appendix A - Test Setup Photograph

Refer to "2010RSZ077-UT" file.

Appendix B-EUT Photograph

Refer to "2010RSZ077-UE" file.