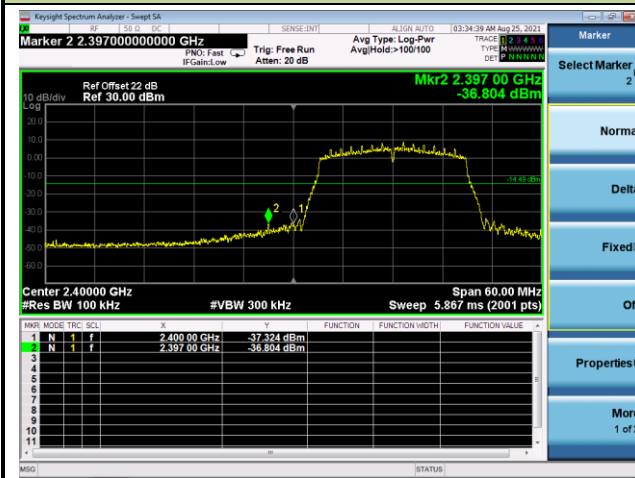


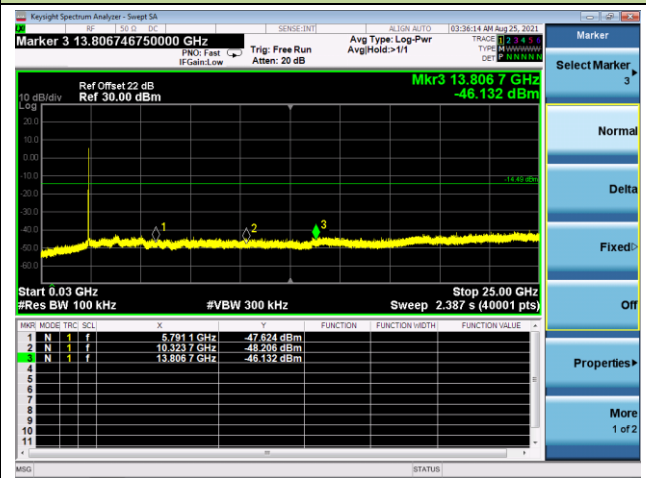
VHT20 Out-of-Band Emissions - Ant 1

Channel 01 (2412MHz)

Low Band Edge

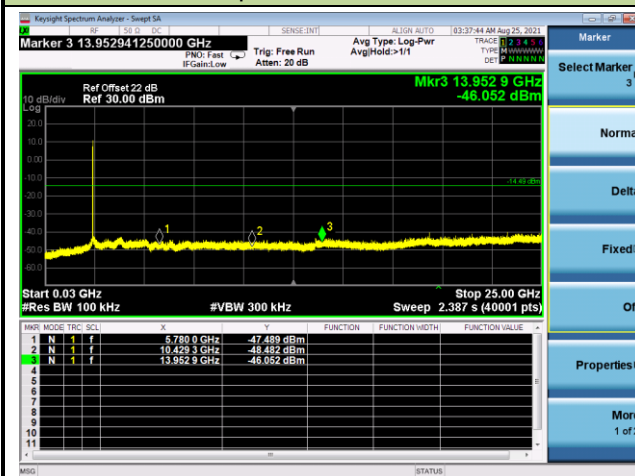


Spurious Emission



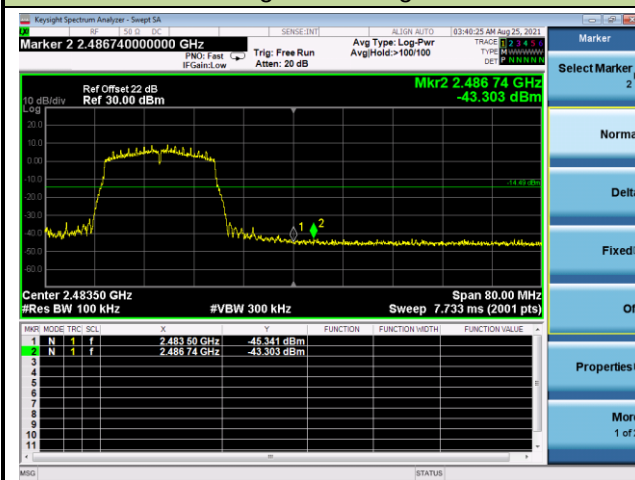
Channel 06 (2437MHz)

Spurious Emission

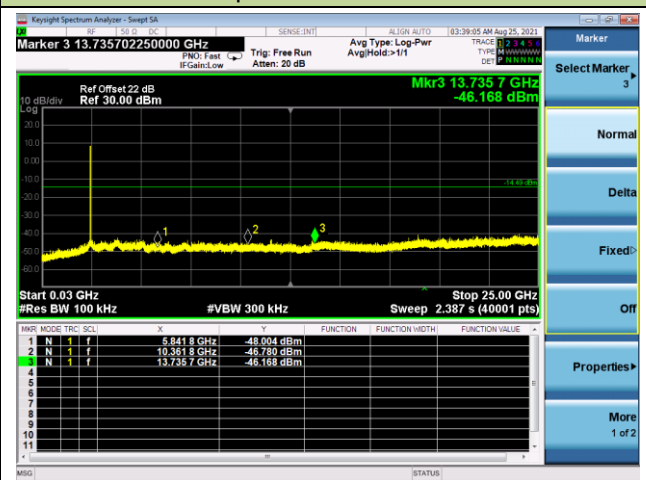


Channel 11 (2462MHz)

High Band Edge



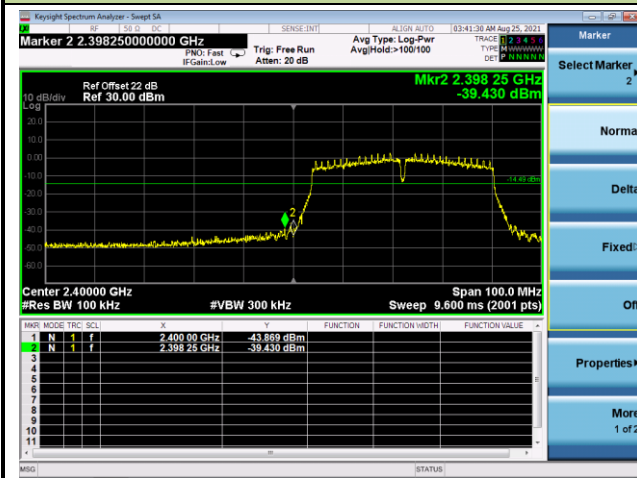
Spurious Emission



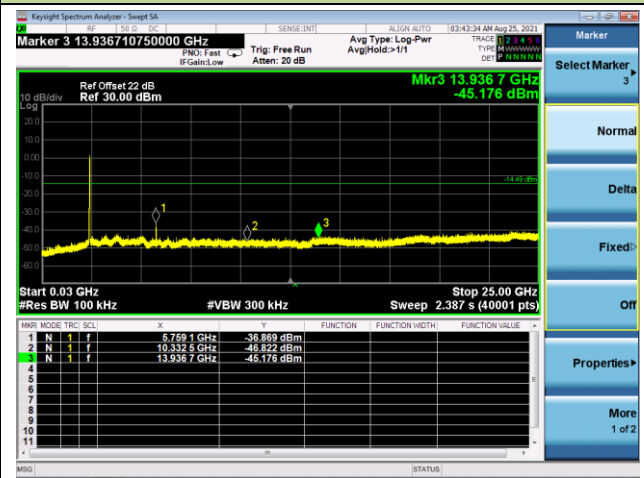
VHT40 Out-of-Band Emissions - Ant 1

Channel 03 (2422MHz)

Low Band Edge

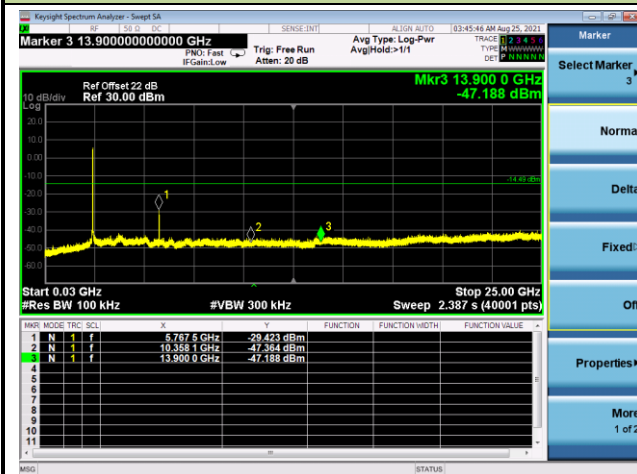


Spurious Emission



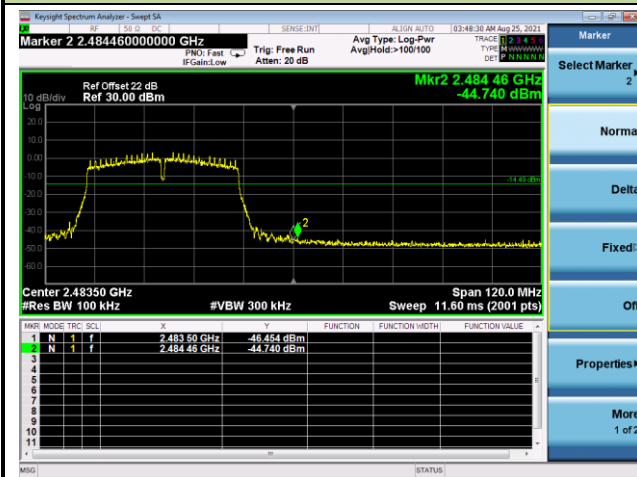
Channel 06 (2437MHz)

Spurious Emission

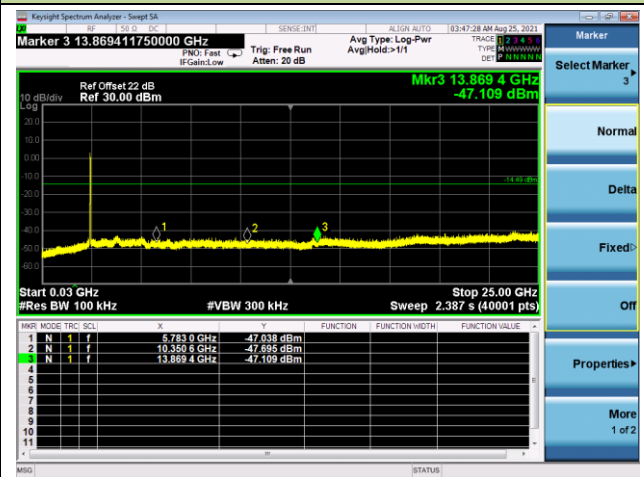


Channel 09 (2452MHz)

High Band Edge



Spurious Emission



A.5 Radiated Spurious Emission Test Result

Test Site	NS-AC1	Test Engineer	Dillon Diao
Test Date	2021/08/26	Test Mode	11b
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	3218.5	49.2	-3.5	45.7	74.0	-28.3	Peak	Horizontal
	4196.0	40.9	-0.8	40.1	74.0	-33.9	Peak	Horizontal
	6933.0	38.0	7.3	45.3	74.0	-28.7	Peak	Horizontal
	3218.5	53.7	-3.5	50.2	74.0	-23.8	Peak	Vertical
	4825.0	41.5	1.4	42.9	74.0	-31.1	Peak	Vertical
	7868.0	37.7	8.5	46.2	74.0	-27.8	Peak	Vertical
06	3252.5	49.2	-3.2	46.0	74.0	-28.0	Peak	Horizontal
	4986.5	39.6	1.5	41.1	74.0	-32.9	Peak	Horizontal
	8021.0	38.2	9.1	47.3	74.0	-26.7	Peak	Horizontal
	3252.5	53.4	-3.2	50.2	74.0	-23.8	Peak	Vertical
	4876.0	41.8	1.5	43.3	74.0	-30.7	Peak	Vertical
	8726.5	36.1	12.2	48.3	74.0	-25.7	Peak	Vertical
11	3286.5	47.2	-3.3	43.9	74.0	-30.1	Peak	Horizontal
	4612.5	38.1	1.5	39.6	74.0	-34.4	Peak	Horizontal
	8701.0	36.3	12.3	48.6	74.0	-25.4	Peak	Horizontal
	3286.5	51.3	-3.3	48.0	74.0	-26.0	Peak	Vertical
	4927.0	42.3	1.5	43.8	74.0	-30.2	Peak	Vertical
	8488.5	37.3	10.7	48.0	74.0	-26.0	Peak	Vertical

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	NS-AC1	Test Engineer	Dillon Diao
Test Date	2021/08/26	Test Mode	11g
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	3218.5	49.5	-3.5	46.0	74.0	-28.0	Peak	Horizontal
	5607.0	39.4	2.5	41.9	74.0	-32.1	Peak	Horizontal
	8080.5	37.6	9.4	47.0	74.0	-27.0	Peak	Horizontal
	3218.5	54.2	-3.5	50.7	74.0	-23.3	Peak	Vertical
	4578.5	39.1	1.2	40.3	74.0	-33.7	Peak	Vertical
	8386.5	37.3	10.0	47.3	74.0	-26.7	Peak	Vertical
06	3252.5	48.3	-3.2	45.1	74.0	-28.9	Peak	Horizontal
	5887.5	38.9	3.5	42.4	74.0	-31.6	Peak	Horizontal
	8650.0	36.6	11.7	48.3	74.0	-25.7	Peak	Horizontal
	3252.5	53.3	-3.2	50.1	74.0	-23.9	Peak	Vertical
	5301.0	40.2	1.5	41.7	74.0	-32.3	Peak	Vertical
	8735.0	36.8	12.3	49.1	74.0	-24.9	Peak	Vertical
11	3286.5	46.9	-3.3	43.6	74.0	-30.4	Peak	Horizontal
	4179.0	40.3	-0.7	39.6	74.0	-34.4	Peak	Horizontal
	9338.5	36.8	11.9	48.7	74.0	-25.3	Peak	Horizontal
	3286.5	51.5	-3.3	48.2	74.0	-25.8	Peak	Vertical
	4612.5	38.3	1.5	39.8	74.0	-34.2	Peak	Vertical
	8565.0	37.1	11.6	48.7	74.0	-25.3	Peak	Vertical

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	NS-AC1	Test Engineer	Dillon Diao
Test Date	2021/08/26	Test Mode	11n-HT20
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	3218.5	49.9	-3.5	46.4	74.0	-27.6	Peak	Horizontal
	4604.0	39.1	1.5	40.6	74.0	-33.4	Peak	Horizontal
	6788.5	37.7	6.2	43.9	74.0	-30.1	Peak	Horizontal
	3218.5	55.3	-3.5	51.8	74.0	-22.2	Peak	Vertical
	6083.0	38.6	4.4	43.0	74.0	-31.0	Peak	Vertical
	7987.0	37.4	9.2	46.6	74.0	-27.4	Peak	Vertical
06	3252.5	49.2	-3.2	46.0	74.0	-28.0	Peak	Horizontal
	5522.0	38.8	2.3	41.1	74.0	-32.9	Peak	Horizontal
	7383.5	36.6	9.2	45.8	74.0	-28.2	Peak	Horizontal
	3252.5	53.5	-3.2	50.3	74.0	-23.7	Peak	Vertical
	5071.5	38.8	2.1	40.9	74.0	-33.1	Peak	Vertical
	8480.0	36.6	10.8	47.4	74.0	-26.6	Peak	Vertical
11	3286.5	47.7	-3.3	44.4	74.0	-29.6	Peak	Horizontal
	5122.5	39.3	2.3	41.6	74.0	-32.4	Peak	Horizontal
	8012.5	38.2	9.0	47.2	74.0	-26.8	Peak	Horizontal
	3286.5	50.7	-3.3	47.4	74.0	-26.6	Peak	Vertical
	5522.0	39.5	2.3	41.8	74.0	-32.2	Peak	Vertical
	7443.0	36.1	9.4	45.5	74.0	-28.5	Peak	Vertical

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	NS-AC1	Test Engineer	Dillon Diao
Test Date	2021/08/26	Test Mode	11n-HT40
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
03	3227.0	51.1	-3.5	47.6	74.0	-26.4	Peak	Horizontal
	4604.0	39.4	1.5	40.9	74.0	-33.1	Peak	Horizontal
	7749.0	37.9	8.5	46.4	74.0	-27.6	Peak	Horizontal
	3227.0	55.7	-3.5	52.2	74.0	-21.8	Peak	Vertical
	5675.0	38.7	2.8	41.5	74.0	-32.5	Peak	Vertical
	7859.5	38.4	8.5	46.9	74.0	-27.1	Peak	Vertical
06	3252.5	50.3	-3.2	47.1	74.0	-26.9	Peak	Horizontal
	5012.0	39.1	2.3	41.4	74.0	-32.6	Peak	Horizontal
	8089.0	37.6	9.4	47.0	74.0	-27.0	Peak	Horizontal
	3252.5	54.5	-3.2	51.3	74.0	-22.7	Peak	Vertical
	6074.5	38.2	4.3	42.5	74.0	-31.5	Peak	Vertical
	8046.5	37.4	9.3	46.7	74.0	-27.3	Peak	Vertical
09	3269.5	49.4	-3.3	46.1	74.0	-27.9	Peak	Horizontal
	5046.0	39.1	1.9	41.0	74.0	-33.0	Peak	Horizontal
	8157.0	37.6	9.4	47.0	74.0	-27.0	Peak	Horizontal
	3269.5	53.0	-3.3	49.7	74.0	-24.3	Peak	Vertical
	5097.0	39.6	2.5	42.1	74.0	-31.9	Peak	Vertical
	8004.0	37.7	8.9	46.6	74.0	-27.4	Peak	Vertical

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	NS-AC1	Test Engineer	Dillon Diao
Test Date	2021/08/26	Test Mode	VHT20
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
01	3227.0	51.1	-3.5	47.6	74.0	-26.4	Peak	Horizontal
	5122.5	39.4	2.3	41.7	74.0	-32.3	Peak	Horizontal
	6856.5	38.1	6.7	44.8	74.0	-29.2	Peak	Horizontal
	3227.0	55.8	-3.5	52.3	74.0	-21.7	Peak	Vertical
	5139.5	38.9	2.4	41.3	74.0	-32.7	Peak	Vertical
	7230.5	36.5	8.7	45.2	74.0	-28.8	Peak	Vertical
06	3252.5	49.7	-3.2	46.5	74.0	-27.5	Peak	Horizontal
	4621.0	38.7	1.6	40.3	74.0	-33.7	Peak	Horizontal
	7341.0	37.0	9.2	46.2	74.0	-27.8	Peak	Horizontal
	3252.5	54.8	-3.2	51.6	74.0	-22.4	Peak	Vertical
	4612.5	39.9	1.5	41.4	74.0	-32.6	Peak	Vertical
	7511.0	37.5	9.4	46.9	74.0	-27.1	Peak	Vertical
11	3286.5	48.3	-3.3	45.0	74.0	-29.0	Peak	Horizontal
	4612.5	38.9	1.5	40.4	74.0	-33.6	Peak	Horizontal
	7383.5	37.2	9.2	46.4	74.0	-27.6	Peak	Horizontal
	3286.5	50.9	-3.3	47.6	74.0	-26.4	Peak	Vertical
	4536.0	38.7	0.9	39.6	74.0	-34.4	Peak	Vertical
	7281.5	36.4	9.1	45.5	74.0	-28.5	Peak	Vertical

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	NS-AC1	Test Engineer	Dillon Diao
Test Date	2021/08/26	Test Mode	VHT40
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

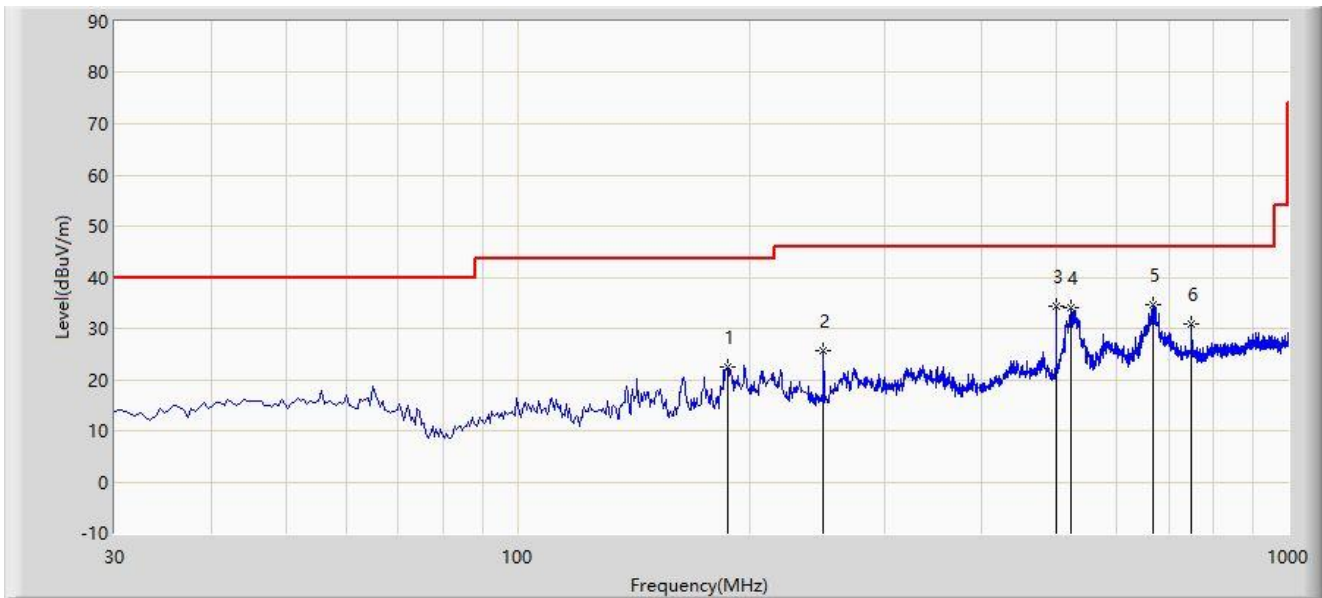
Test Channel	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
03	3227.0	50.8	-3.5	47.3	74.0	-26.7	Peak	Horizontal
	4561.5	38.6	1.0	39.6	74.0	-34.4	Peak	Horizontal
	7434.5	36.1	9.4	45.5	74.0	-28.5	Peak	Horizontal
	3227.0	55.9	-3.5	52.4	74.0	-21.6	Peak	Vertical
	4561.5	38.9	1.0	39.9	74.0	-34.1	Peak	Vertical
	7689.5	37.0	8.6	45.6	74.0	-28.4	Peak	Vertical
06	3252.5	50.6	-3.2	47.4	74.0	-26.6	Peak	Horizontal
	4621.0	38.8	1.6	40.4	74.0	-33.6	Peak	Horizontal
	7426.0	36.0	9.3	45.3	74.0	-28.7	Peak	Horizontal
	3252.5	54.1	-3.2	50.9	74.0	-23.1	Peak	Vertical
	4621.0	38.6	1.6	40.2	74.0	-33.8	Peak	Vertical
	7332.5	36.0	9.1	45.1	74.0	-28.9	Peak	Vertical
09	3269.5	49.7	-3.3	46.4	74.0	-27.6	Peak	Horizontal
	5105.5	38.4	2.4	40.8	74.0	-33.2	Peak	Horizontal
	7426.0	37.2	9.3	46.5	74.0	-27.5	Peak	Horizontal
	3269.5	52.9	-3.3	49.6	74.0	-24.4	Peak	Vertical
	4612.5	38.7	1.5	40.2	74.0	-33.8	Peak	Vertical
	7349.5	36.6	9.1	45.7	74.0	-28.3	Peak	Vertical

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

The Result of Radiated Emission below 1GHz:

Site: NS-AC1	Test Date: 2021/08/19
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_VULB9162	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT40 at Channel 2422MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB/m)	Limit (dBμV/m)	Factor (dB/m)	Type
1			187.140	22.546	8.501	-20.954	43.500	14.045	PK
2			249.705	25.795	9.190	-20.205	46.000	16.605	PK
3			499.965	34.333	12.755	-11.667	46.000	21.578	PK
4			523.245	33.971	12.175	-12.029	46.000	21.796	PK
5		*	668.260	34.627	9.924	-11.373	46.000	24.703	PK
6			750.225	30.882	5.154	-15.118	46.000	25.728	PK

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

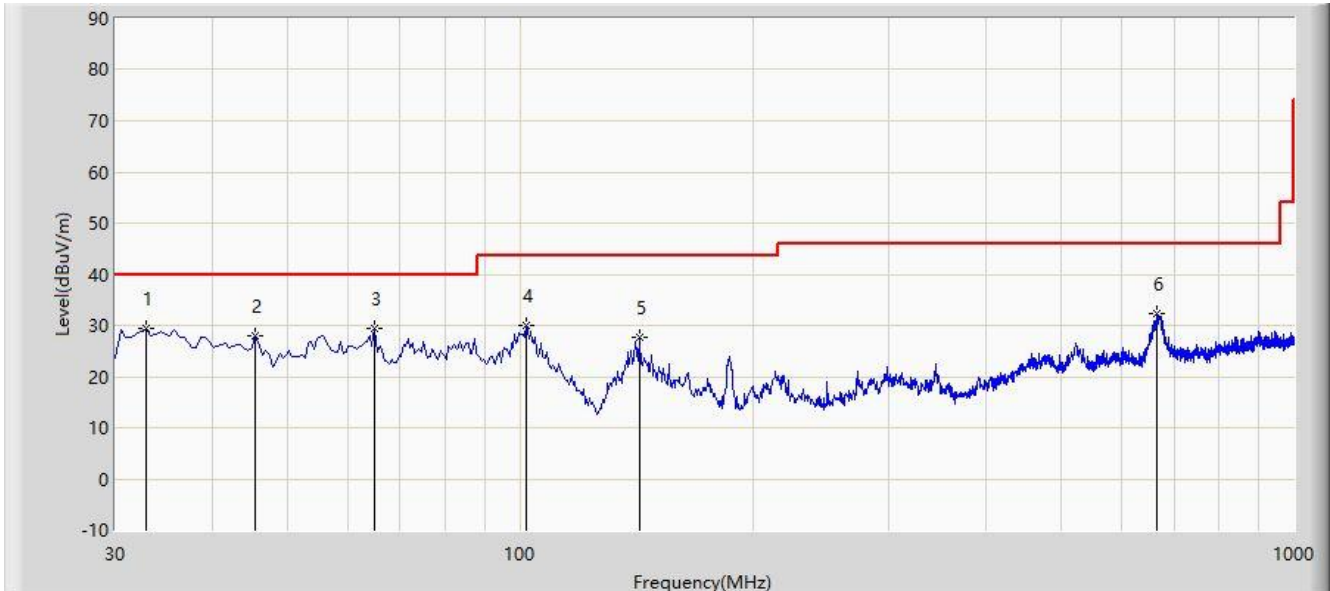
Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

Note 3: QP measurement was not performed when peak measure level was lower than the QP limit.

Site: NS-AC1	Test Date: 2021/08/19
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_VULB9162	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT40 at Channel 2422MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB/m)	Limit (dBμV/m)	Factor (dB/m)	Type
1			32.910	29.287	15.124	-10.713	40.000	14.163	PK
2		*	45.520	28.071	10.691	-11.929	40.000	17.380	PK
3			64.920	29.438	14.750	-10.562	40.000	14.688	PK
4			101.780	30.095	14.788	-13.405	43.500	15.307	PK
5			142.520	27.573	15.954	-15.927	43.500	11.619	PK
6			666.320	32.271	7.648	-13.729	46.000	24.623	PK

Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

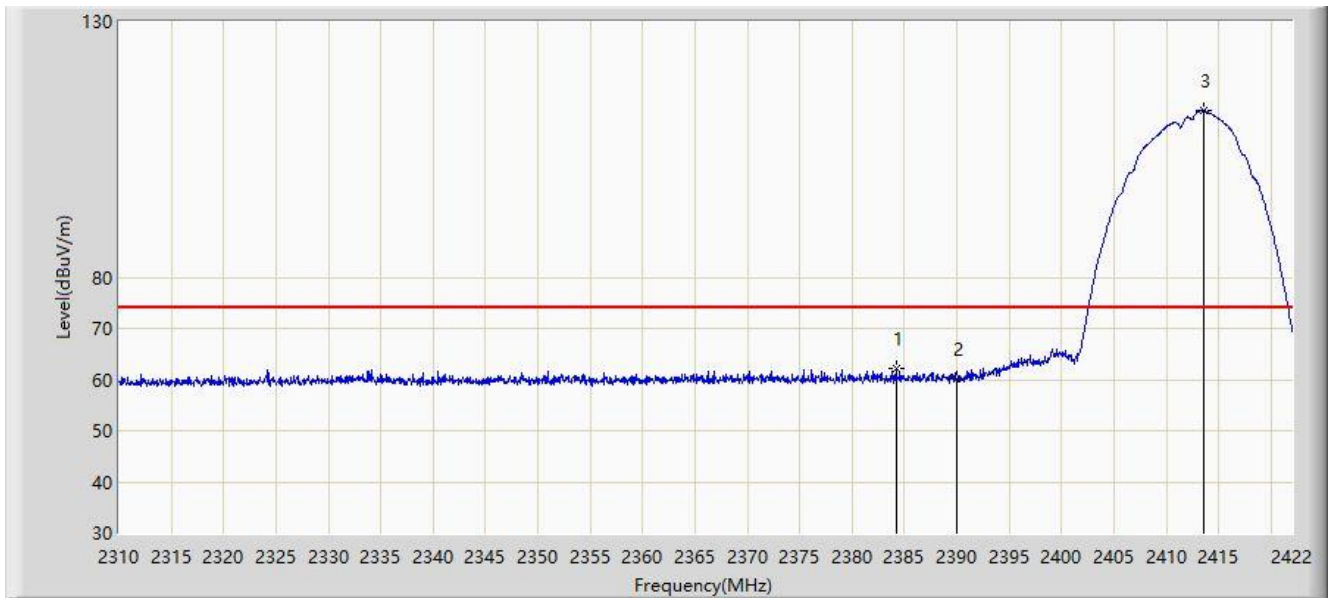
Note 2: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 25GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

Note 3: QP measurement was not performed when peak measure level was lower than the QP limit.

A.6 Radiated Restricted Band Edge Test Result

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11b at channel 2412MHz	

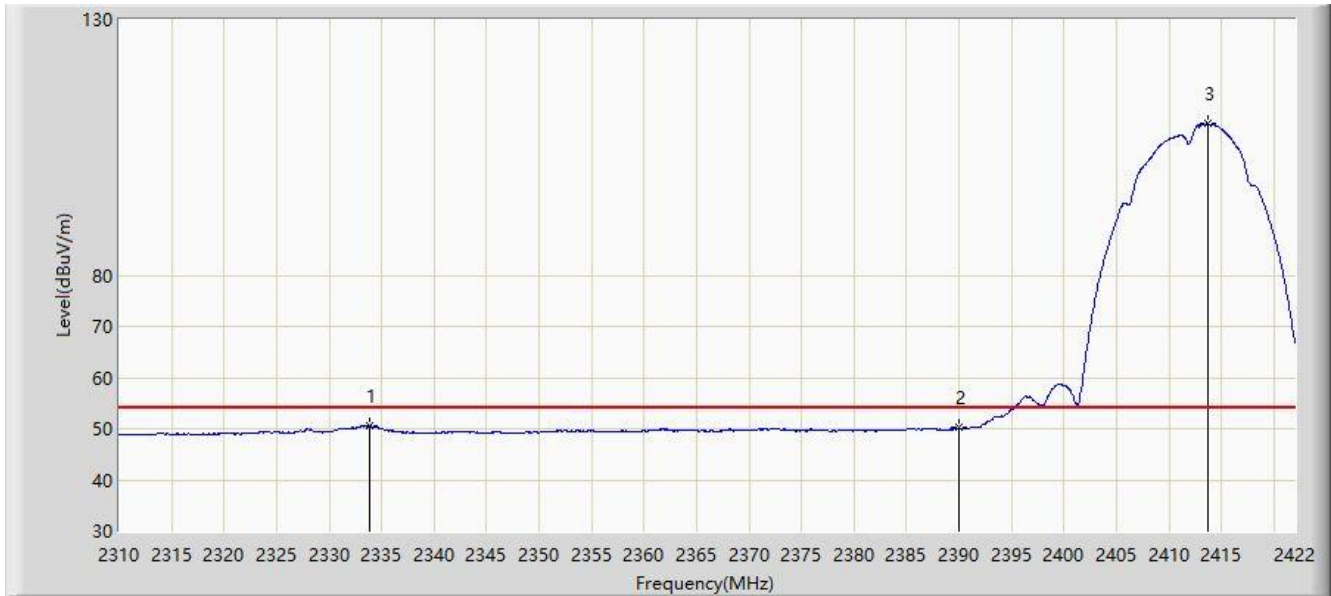


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2384.200	62.140	31.232	-11.860	74.000	30.908	PK
2			2390.000	60.037	29.134	-13.963	74.000	30.903	PK
3		*	2413.600	112.585	81.617	N/A	N/A	30.968	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11b at channel 2412MHz	

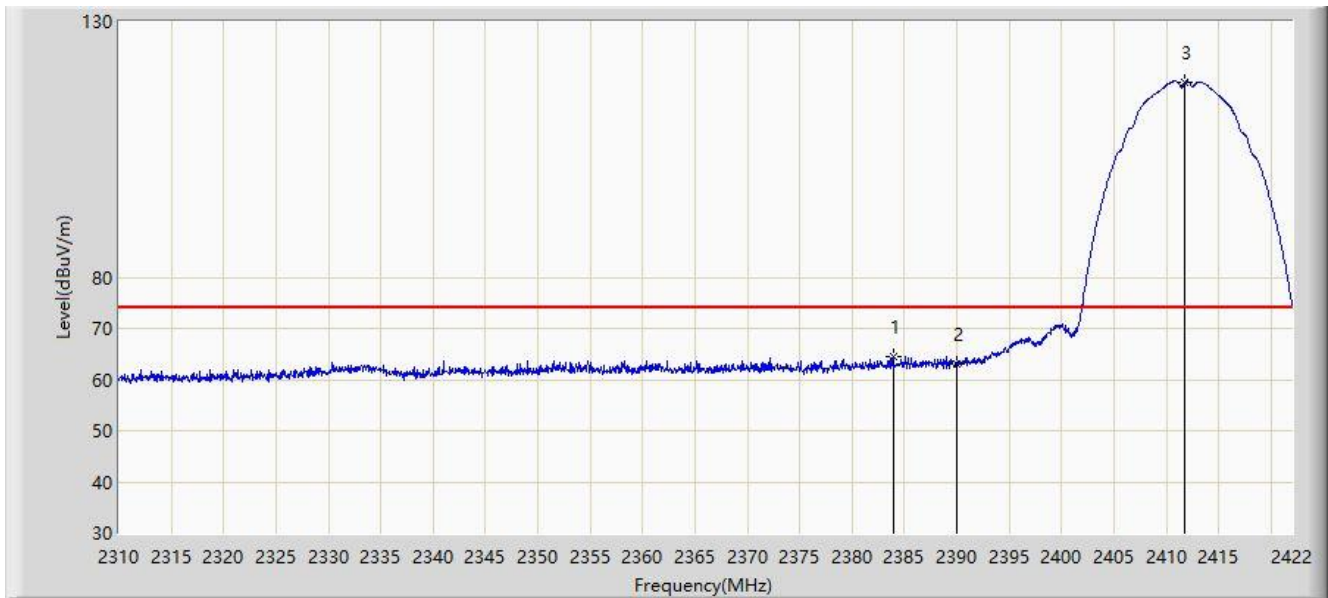


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2333.800	50.457	19.300	-3.543	54.000	31.157	AV
2			2390.000	50.150	19.247	-3.850	54.000	30.903	AV
3	X	*	2413.768	109.567	78.600	N/A	N/A	30.967	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11b at channel 2412MHz	

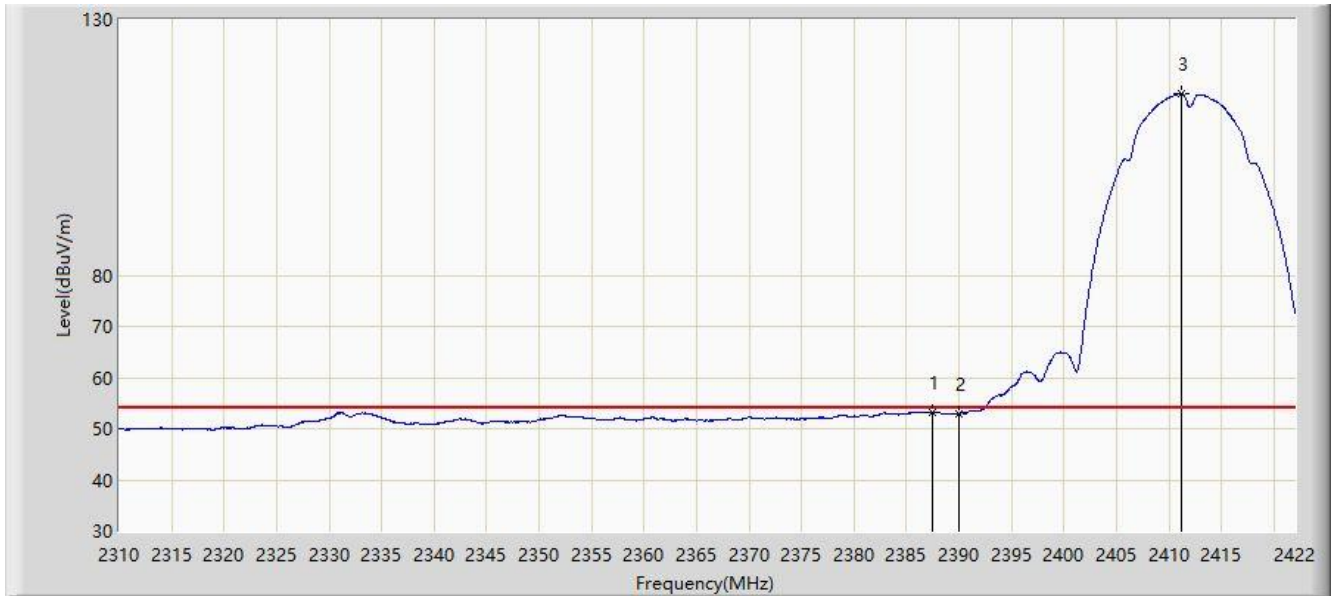


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2383.920	64.370	33.462	-9.630	74.000	30.909	PK
2			2390.000	63.138	32.235	-10.862	74.000	30.903	PK
3		*	2411.808	118.057	87.084	N/A	N/A	30.973	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11b at channel 2412MHz	

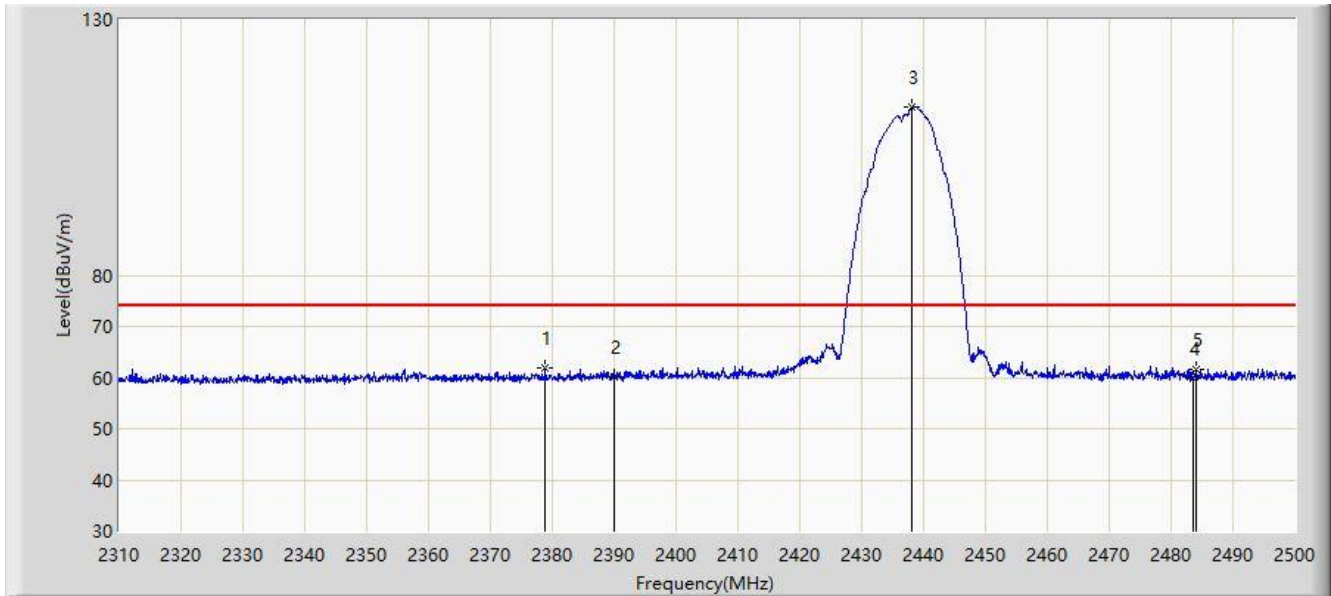


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2387.448	53.319	22.414	-0.681	54.000	30.905	AV
2			2390.000	52.984	22.081	-1.016	54.000	30.903	AV
3	X	*	2411.136	115.530	84.555	N/A	N/A	30.975	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11b at channel 2437MHz	

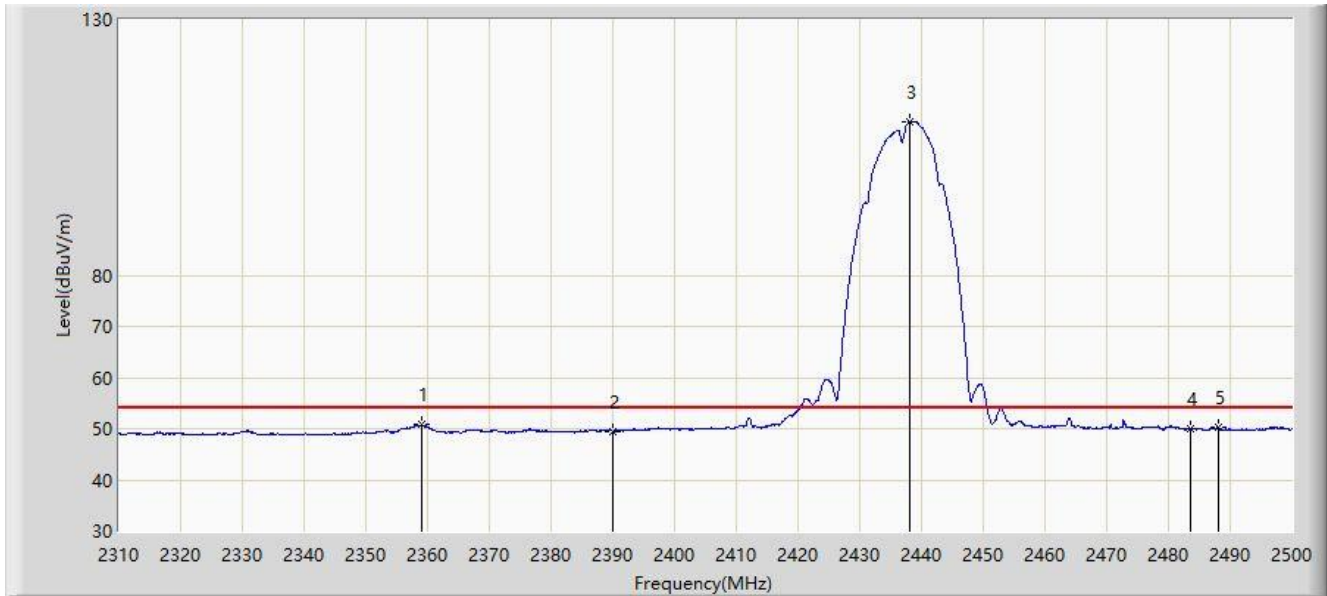


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2378.875	61.985	31.073	-12.015	74.000	30.912	PK
2			2390.000	60.185	29.282	-13.815	74.000	30.903	PK
3		*	2438.155	112.897	81.996	N/A	N/A	30.901	PK
4			2483.500	59.721	28.832	-14.279	74.000	30.889	PK
5			2483.945	61.614	30.723	-12.386	74.000	30.891	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11b at channel 2437MHz	

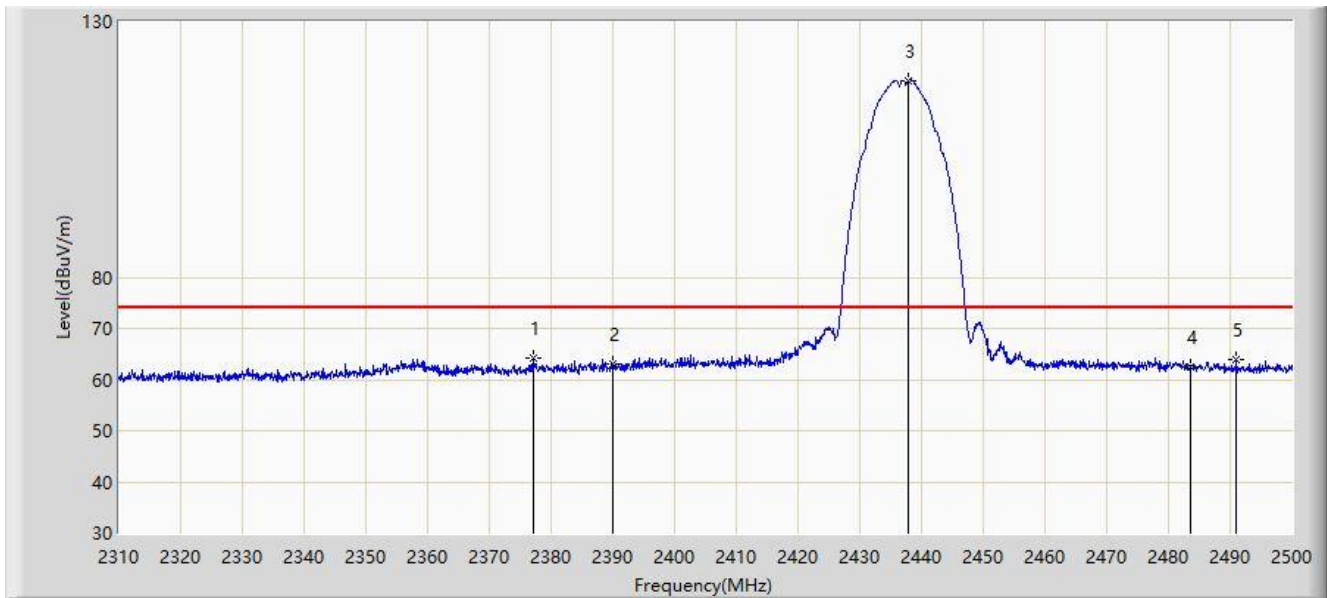


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2359.020	50.745	19.745	-3.255	54.000	31.000	AV
2			2390.000	49.537	18.634	-4.463	54.000	30.903	AV
3	X	*	2438.155	109.986	79.085	N/A	N/A	30.901	AV
4			2483.500	49.860	18.971	-4.140	54.000	30.889	AV
5			2488.125	50.200	19.288	-3.800	54.000	30.912	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11b at channel 2437MHz	

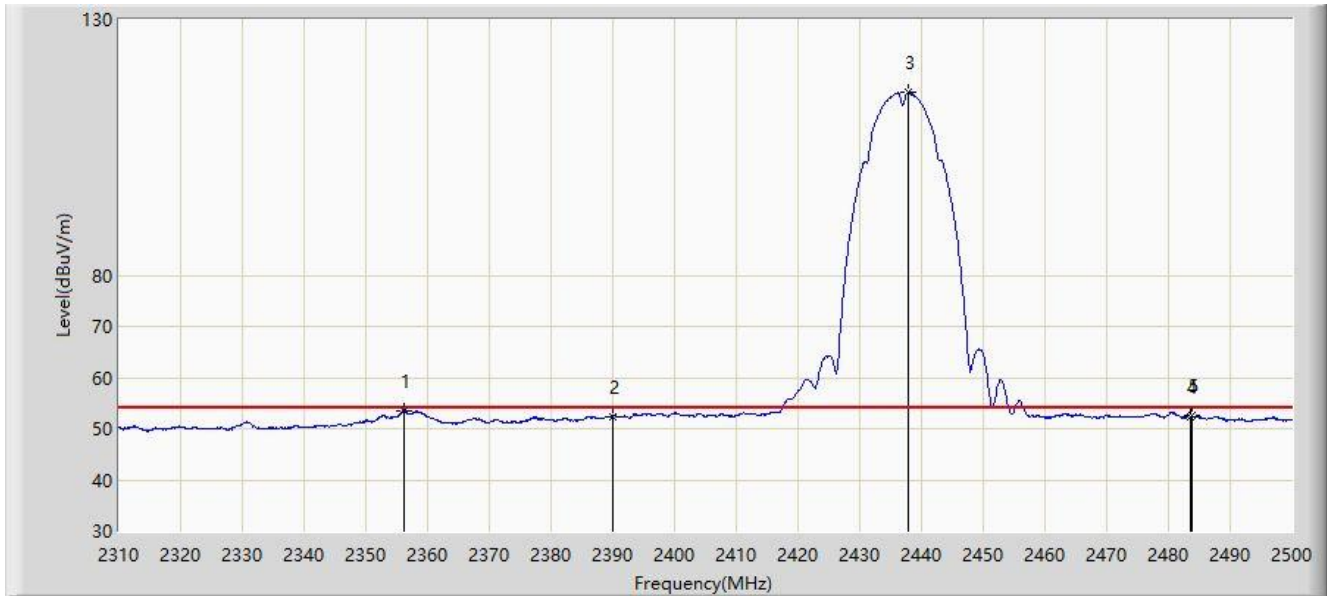


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2377.165	64.188	33.274	-9.812	74.000	30.914	PK
2			2390.000	62.907	32.004	-11.093	74.000	30.903	PK
3		*	2437.870	118.414	87.512	N/A	N/A	30.901	PK
4			2483.500	62.465	31.576	-11.535	74.000	30.889	PK
5			2491.070	63.996	33.069	-10.004	74.000	30.927	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11b at channel 2437MHz	

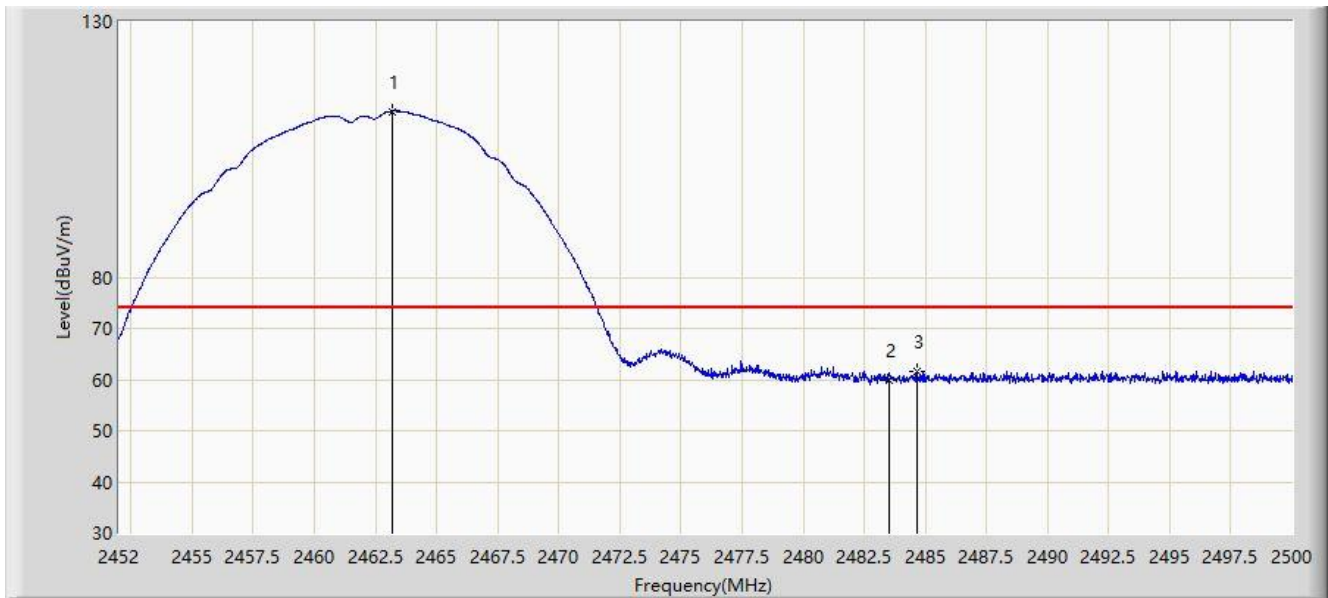


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2356.265	53.612	22.580	-0.388	54.000	31.032	AV
2			2390.000	52.458	21.555	-1.542	54.000	30.903	AV
3	X	*	2437.965	115.725	84.824	N/A	N/A	30.901	AV
4			2483.500	52.376	21.487	-1.624	54.000	30.889	AV
5			2483.755	52.468	21.578	-1.532	54.000	30.890	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11b at channel 2462MHz	

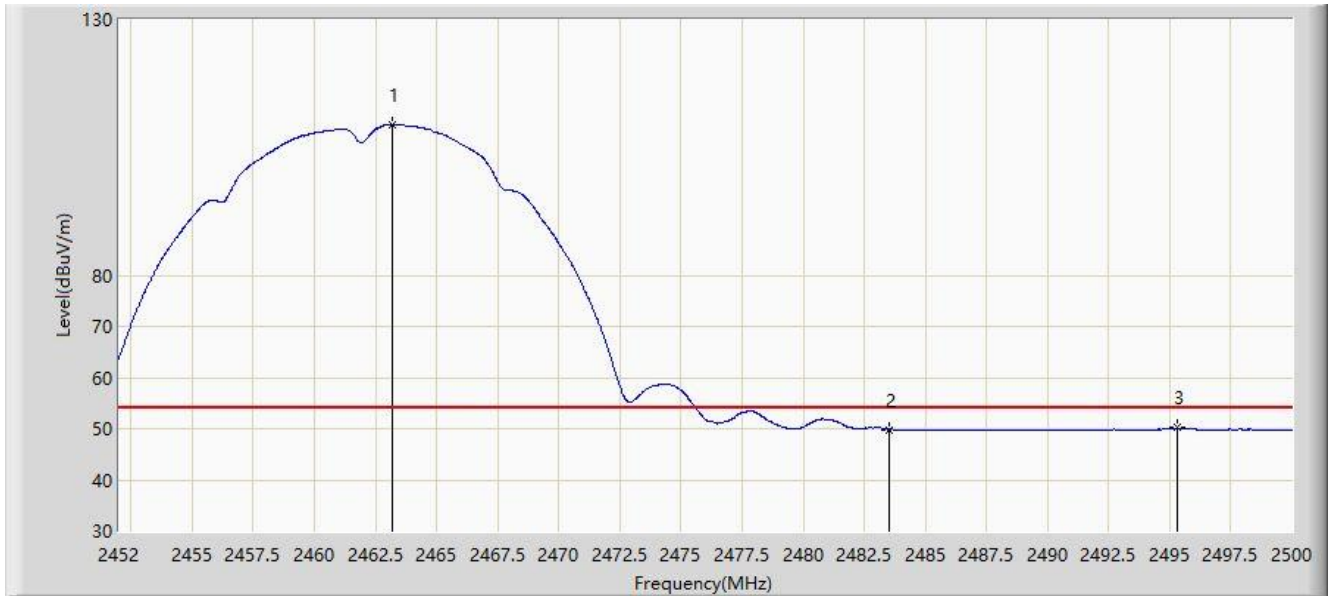


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		*	2463.184	112.461	81.583	N/A	N/A	30.878	PK
2			2483.500	59.843	28.954	-14.157	74.000	30.889	PK
3			2484.640	61.523	30.628	-12.477	74.000	30.895	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11b at channel 2462MHz	

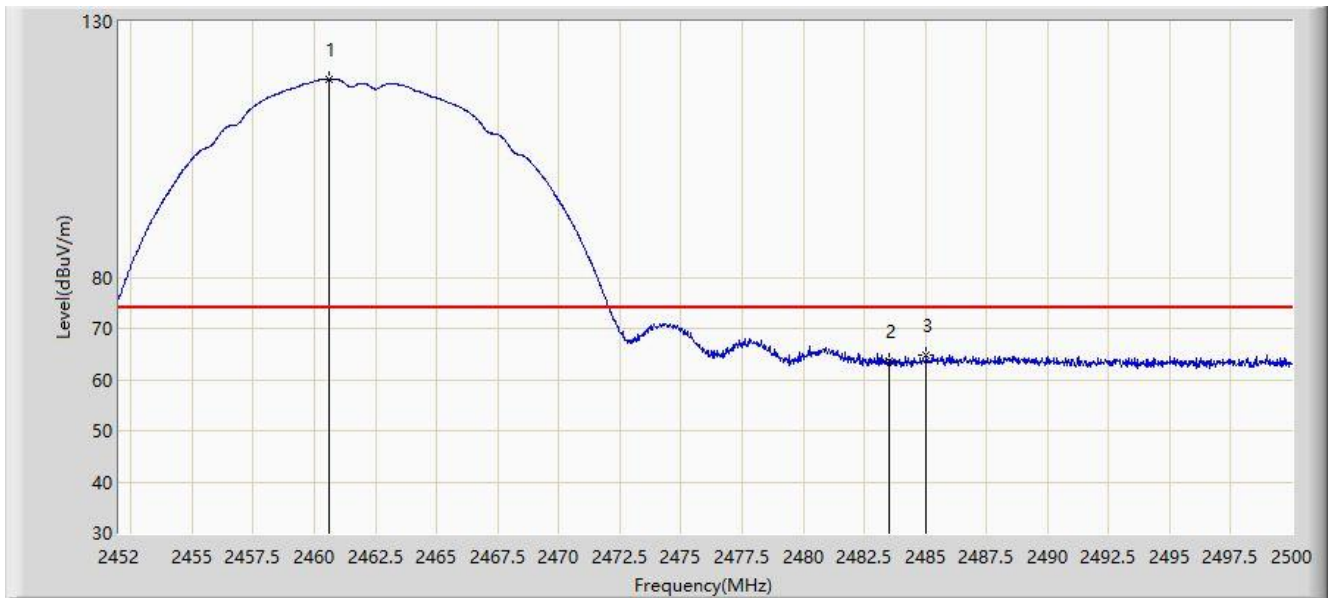


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	X	*	2463.160	109.489	78.611	N/A	N/A	30.878	AV
2			2483.500	49.833	18.944	-4.167	54.000	30.889	AV
3			2495.296	50.150	19.202	-3.850	54.000	30.948	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11b at channel 2462MHz	

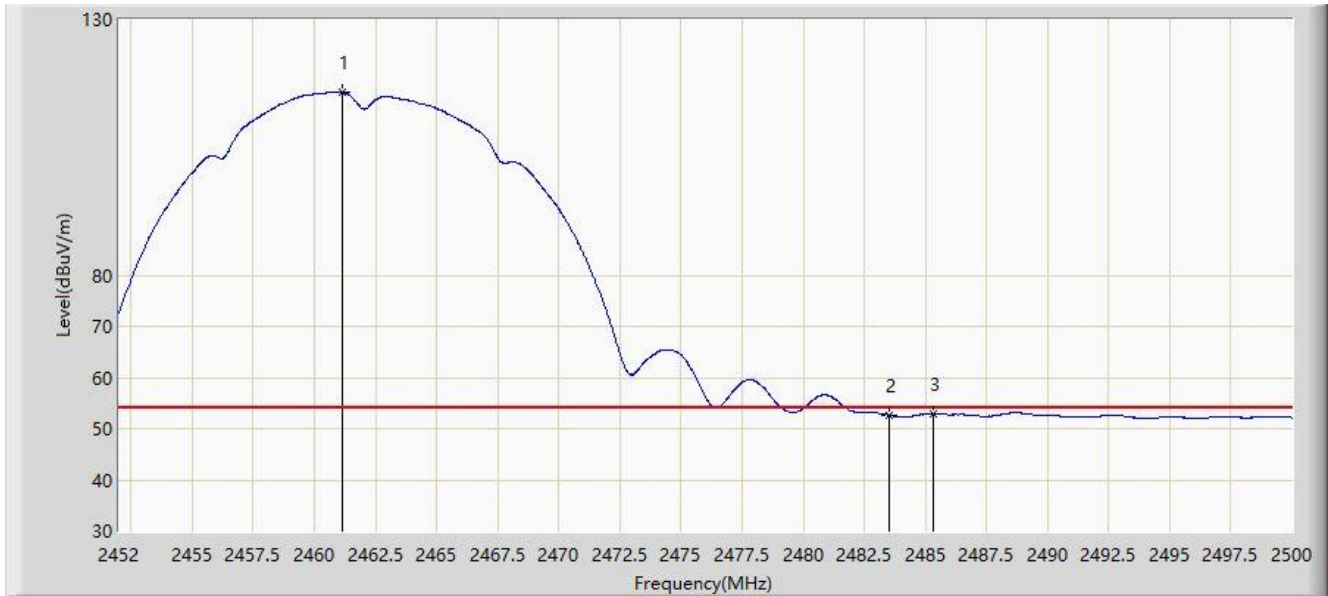


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		*	2460.592	118.765	87.886	N/A	N/A	30.879	PK
2			2483.500	63.515	32.626	-10.485	74.000	30.889	PK
3			2485.048	64.775	33.878	-9.225	74.000	30.897	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11b at channel 2462MHz	

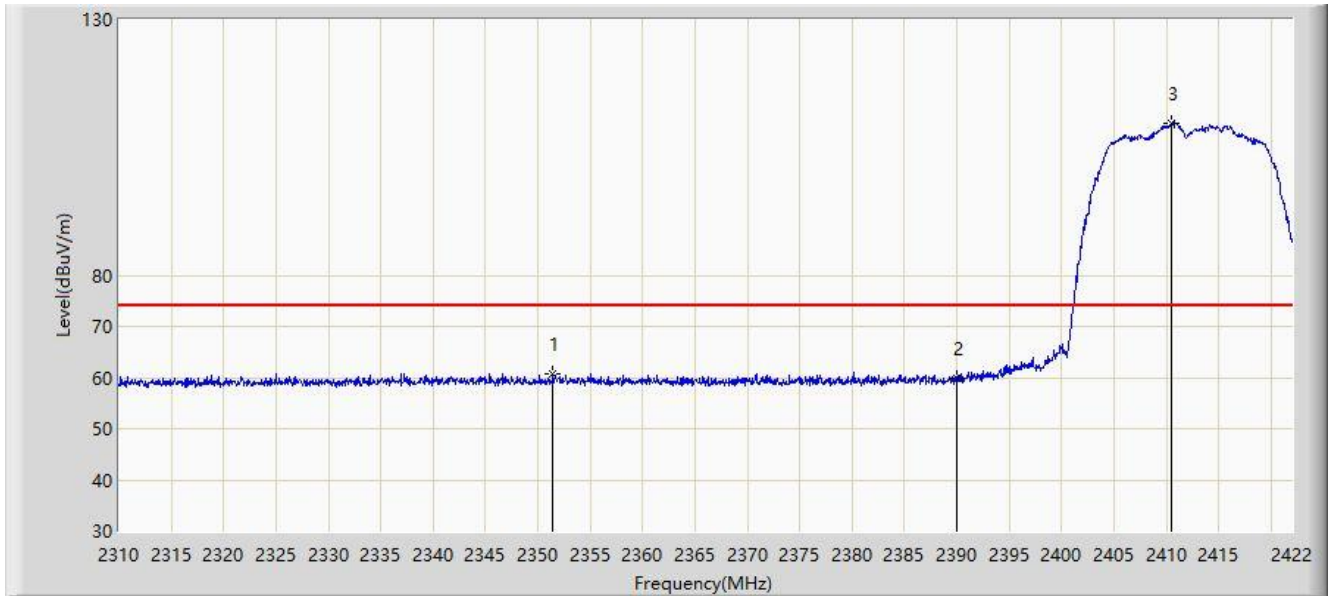


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	X	*	2461.120	115.771	84.892	N/A	N/A	30.879	AV
2			2483.500	52.664	21.775	-1.336	54.000	30.889	AV
3			2485.312	52.936	22.038	-1.064	54.000	30.898	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11g at channel 2412MHz	

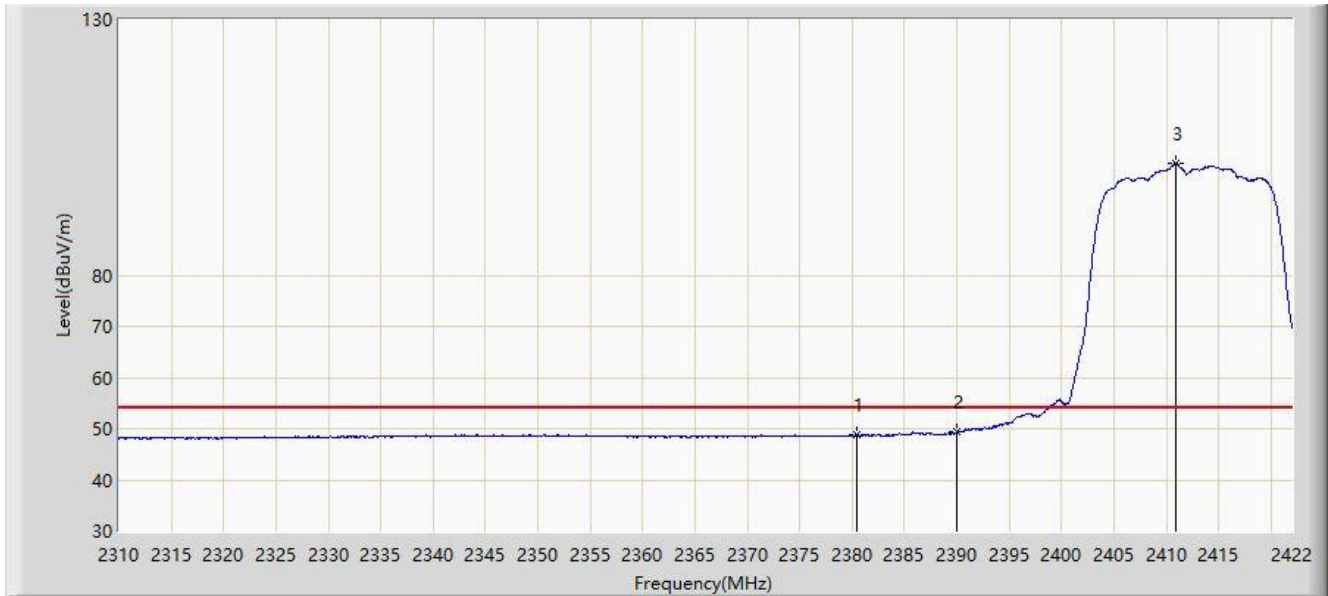


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2351.440	60.607	29.518	-13.393	74.000	31.089	PK
2			2390.000	59.785	28.882	-14.215	74.000	30.903	PK
3		*	2410.464	109.676	78.703	N/A	N/A	30.973	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11g at channel 2412MHz	

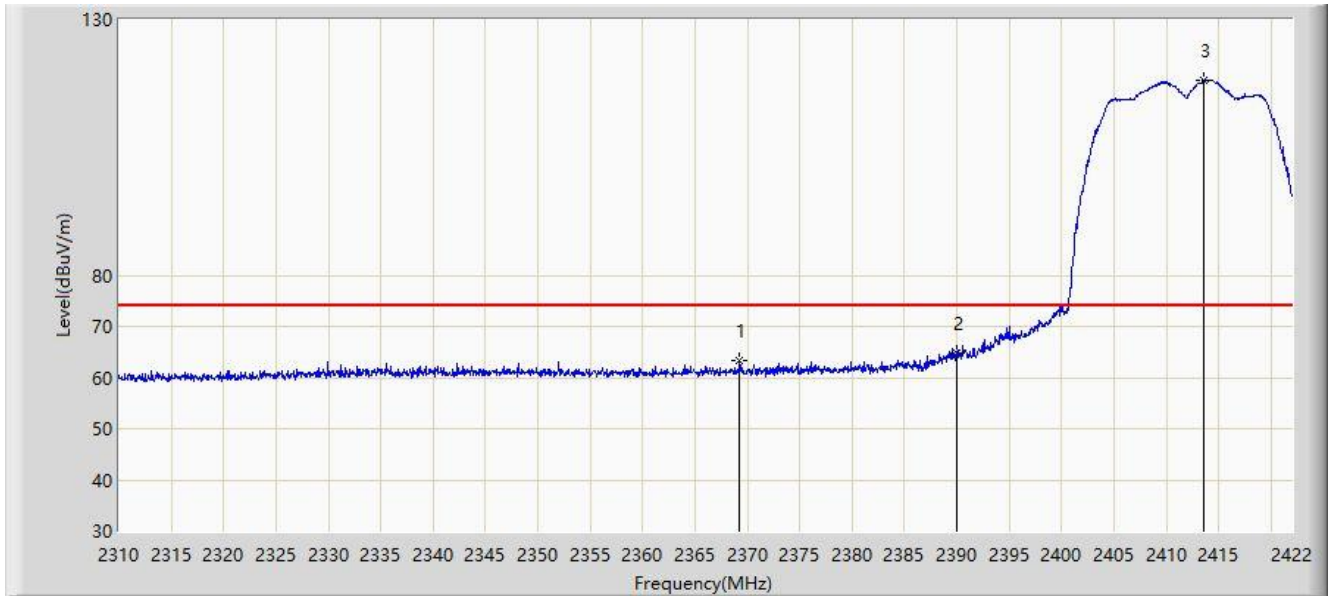


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2380.392	48.827	17.916	-5.173	54.000	30.911	AV
2			2390.000	49.287	18.384	-4.713	54.000	30.903	AV
3		*	2410.912	101.902	70.927	N/A	N/A	30.975	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11g at channel 2412MHz	

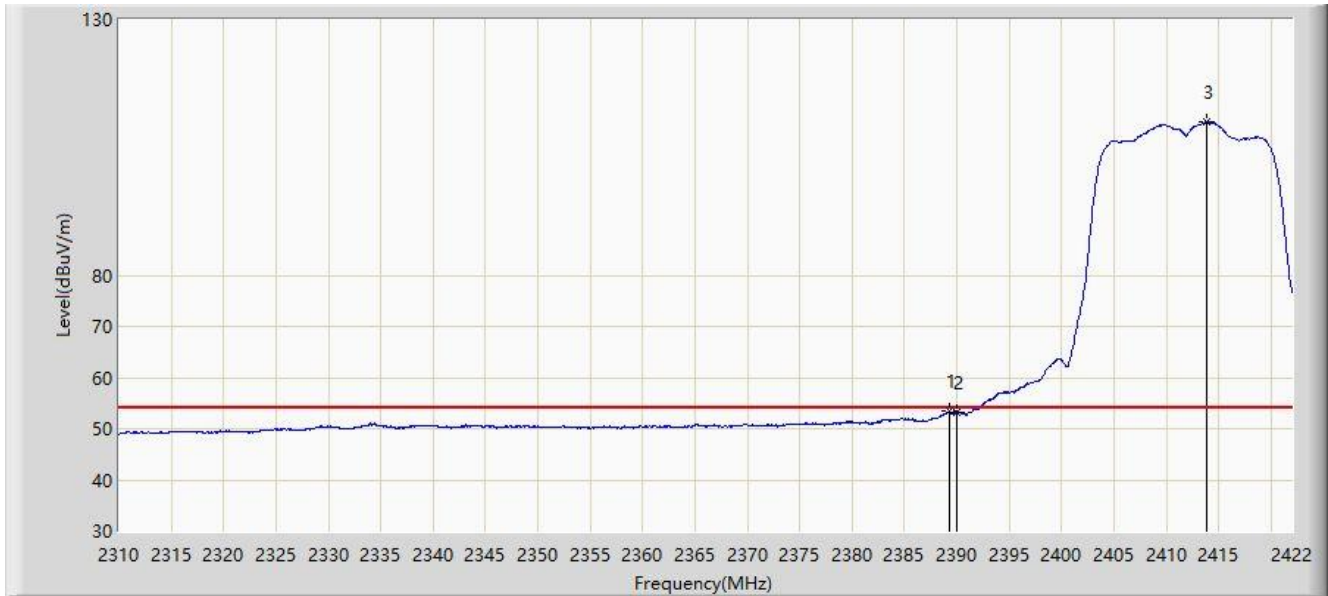


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2369.248	63.210	32.262	-10.790	74.000	30.947	PK
2			2390.000	64.717	33.814	-9.283	74.000	30.903	PK
3		*	2413.600	118.064	87.096	N/A	N/A	30.968	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11g at channel 2412MHz	

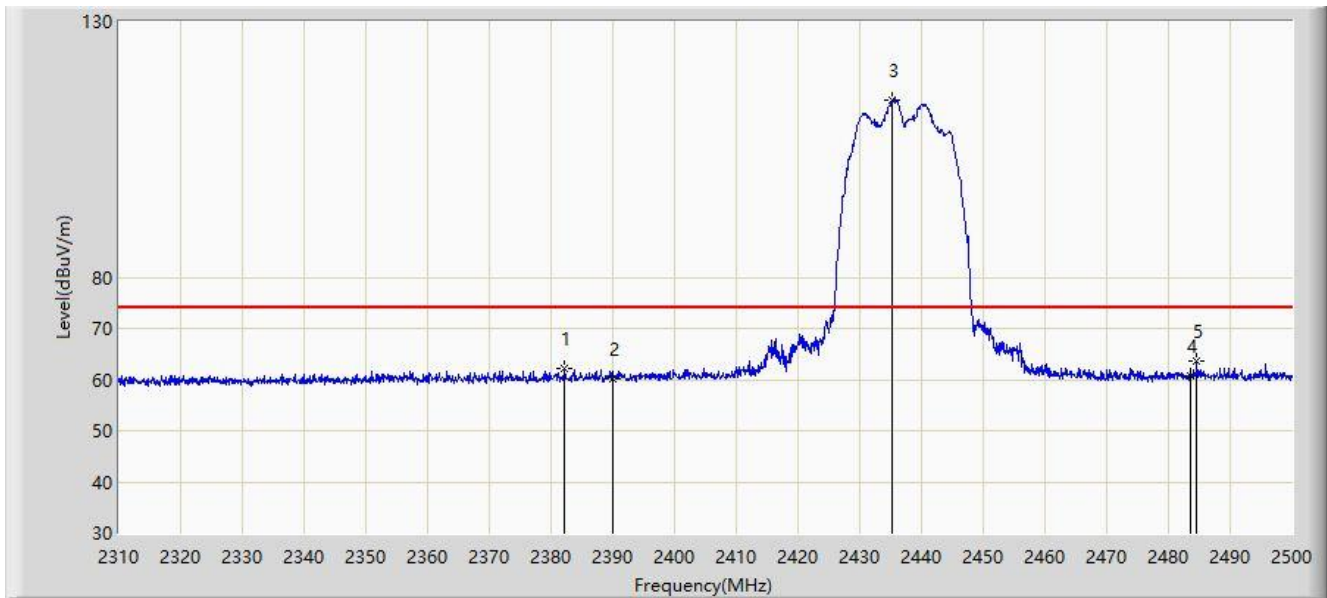


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2389.240	53.426	22.522	-0.574	54.000	30.904	AV
2			2390.000	53.050	22.147	-0.950	54.000	30.903	AV
3	X	*	2413.824	110.023	79.056	N/A	N/A	30.967	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11g at channel 2437MHz	

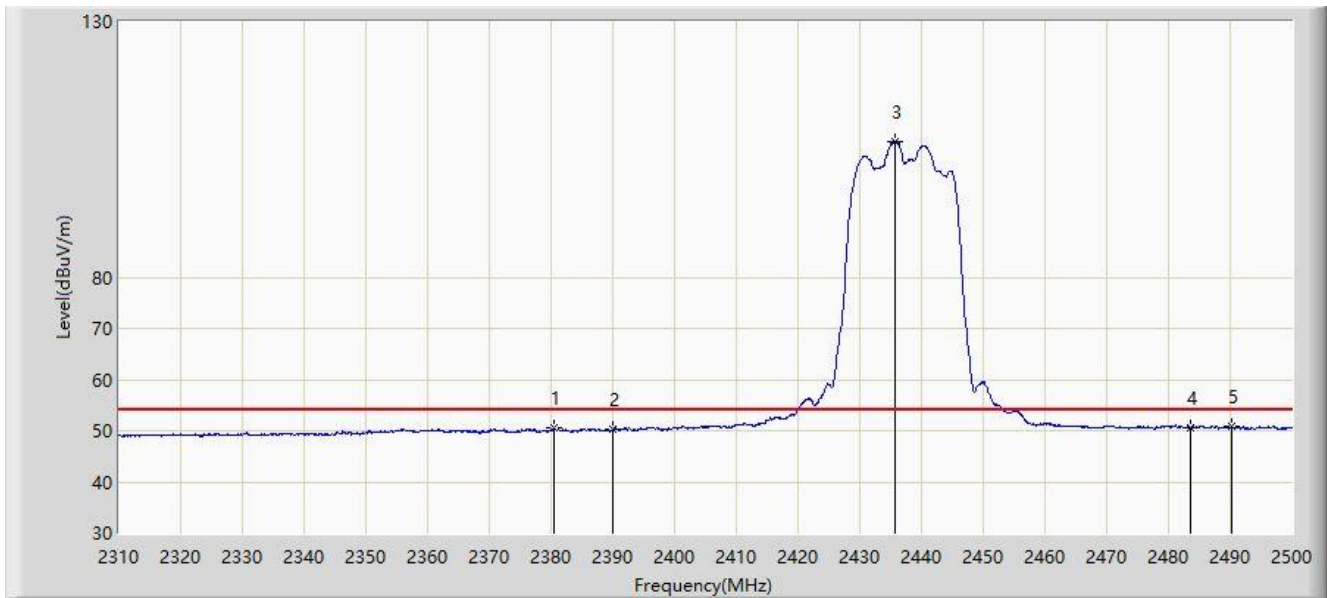


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2382.200	62.292	31.382	-11.708	74.000	30.910	PK
2			2390.000	60.268	29.365	-13.732	74.000	30.903	PK
3		*	2435.305	114.695	83.788	N/A	N/A	30.908	PK
4			2483.500	60.847	29.958	-13.153	74.000	30.889	PK
5			2484.610	63.557	32.663	-10.443	74.000	30.894	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11g at channel 2437MHz	

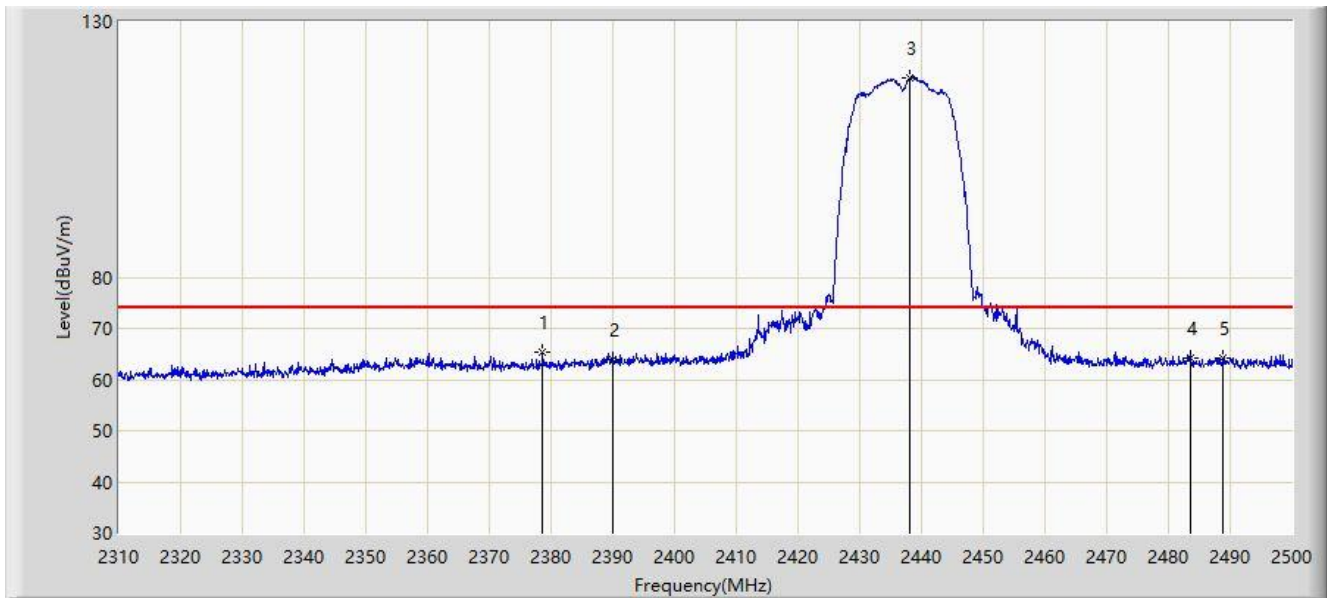


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2380.490	50.452	19.541	-3.548	54.000	30.911	AV
2			2390.000	50.158	19.255	-3.842	54.000	30.903	AV
3		*	2435.780	106.601	75.695	N/A	N/A	30.906	AV
4			2483.500	50.579	19.690	-3.421	54.000	30.889	AV
5			2490.120	50.755	19.833	-3.245	54.000	30.922	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11g at channel 2437MHz	

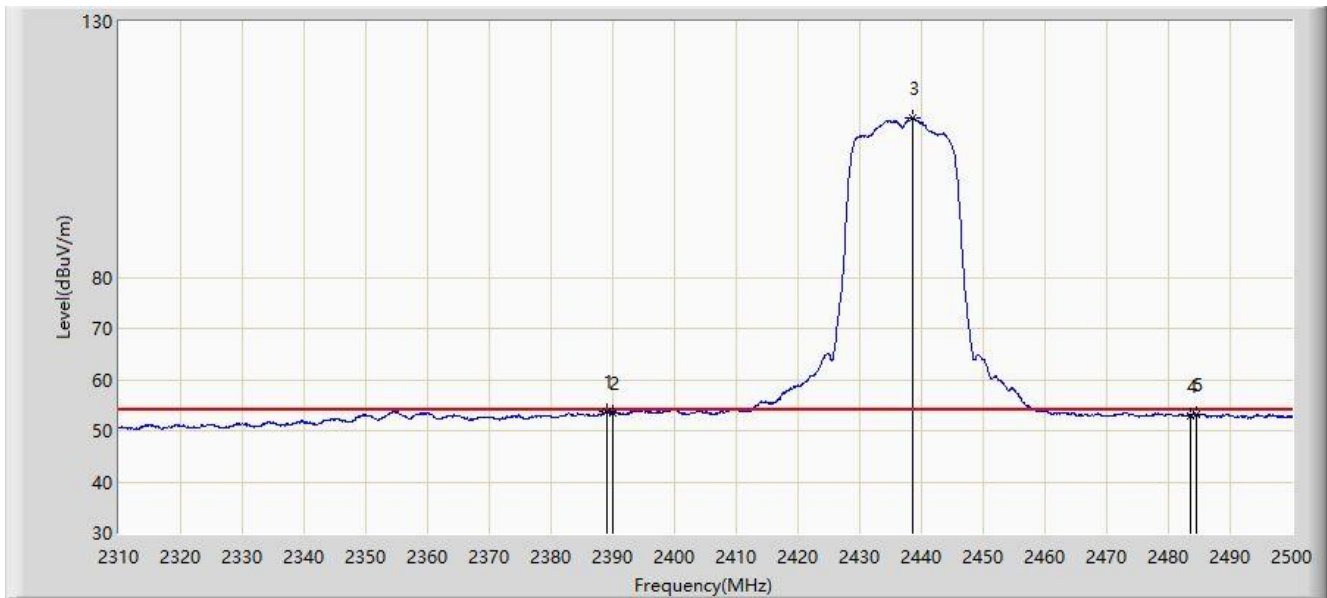


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2378.685	65.263	34.350	-8.737	74.000	30.912	PK
2			2390.000	63.923	33.020	-10.077	74.000	30.903	PK
3		*	2438.060	119.114	88.213	N/A	N/A	30.901	PK
4			2483.500	64.295	33.406	-9.705	74.000	30.889	PK
5			2488.790	64.077	33.162	-9.923	74.000	30.915	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11g at channel 2437MHz	

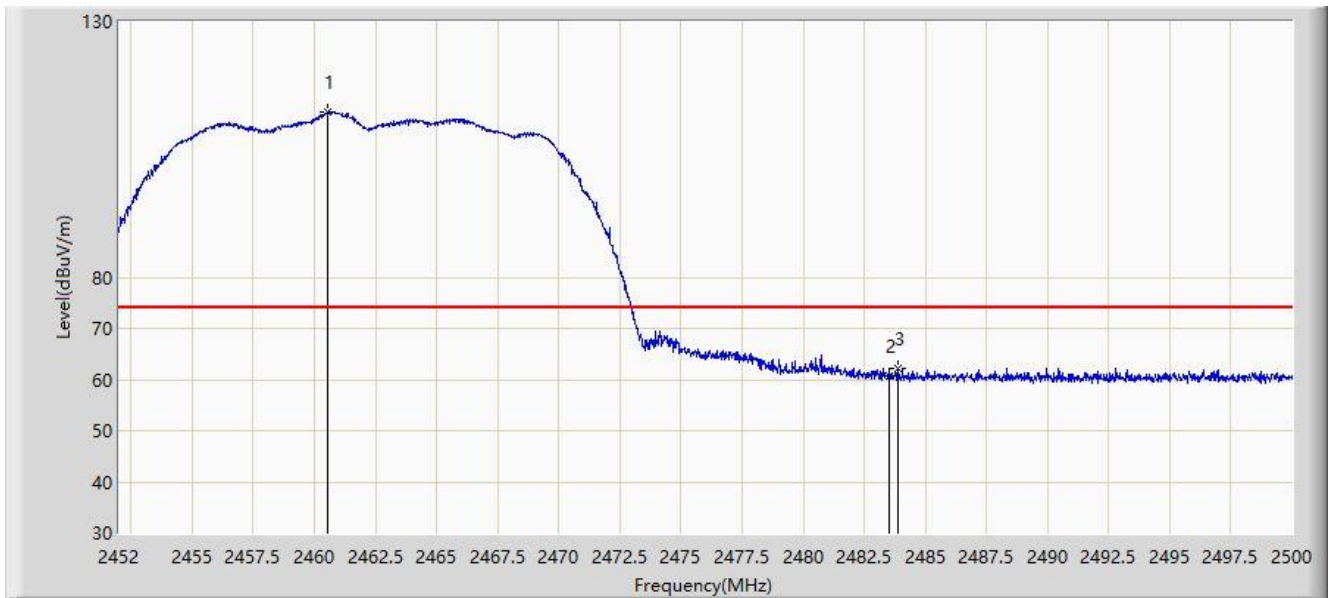


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2389.040	53.845	22.941	-0.155	54.000	30.904	AV
2			2390.000	53.573	22.670	-0.427	54.000	30.903	AV
3	X	*	2438.535	111.241	80.341	N/A	N/A	30.900	AV
4			2483.500	52.890	22.001	-1.110	54.000	30.889	AV
5			2484.515	53.275	22.381	-0.725	54.000	30.894	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11g at channel 2462MHz	

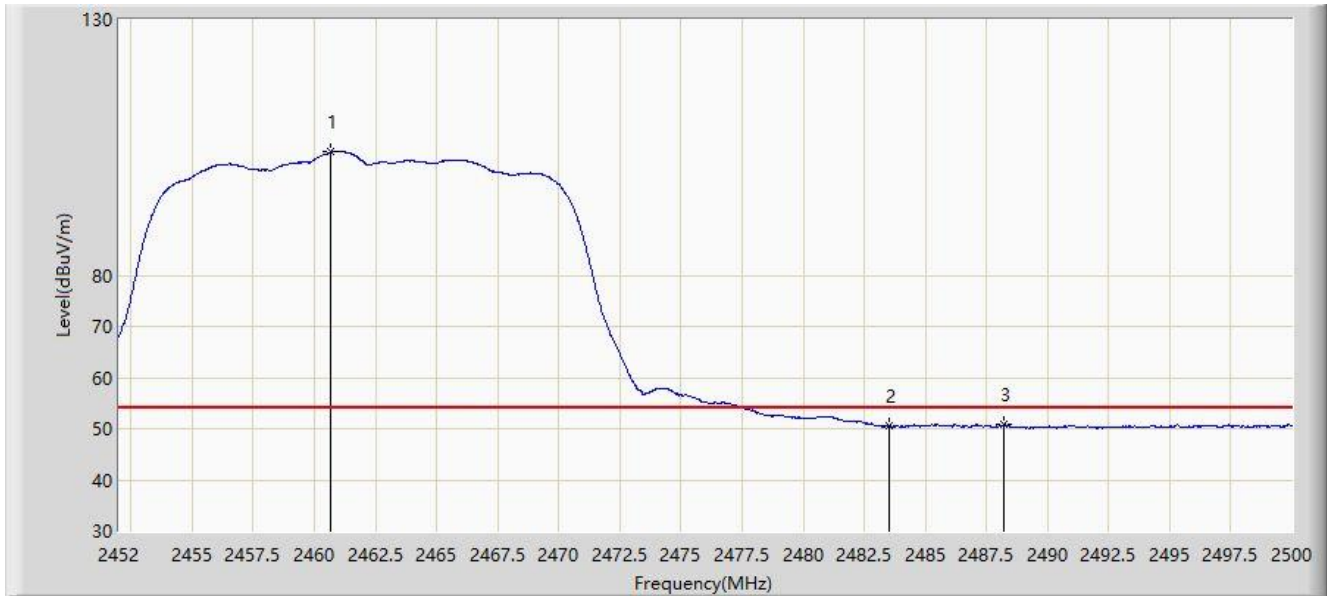


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	2460.544	112.174	81.295	N/A	N/A	30.879	PK
2			2483.500	60.777	29.888	-13.223	74.000	30.889	PK
3			2483.896	62.124	31.233	-11.876	74.000	30.891	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11g at channel 2462MHz	

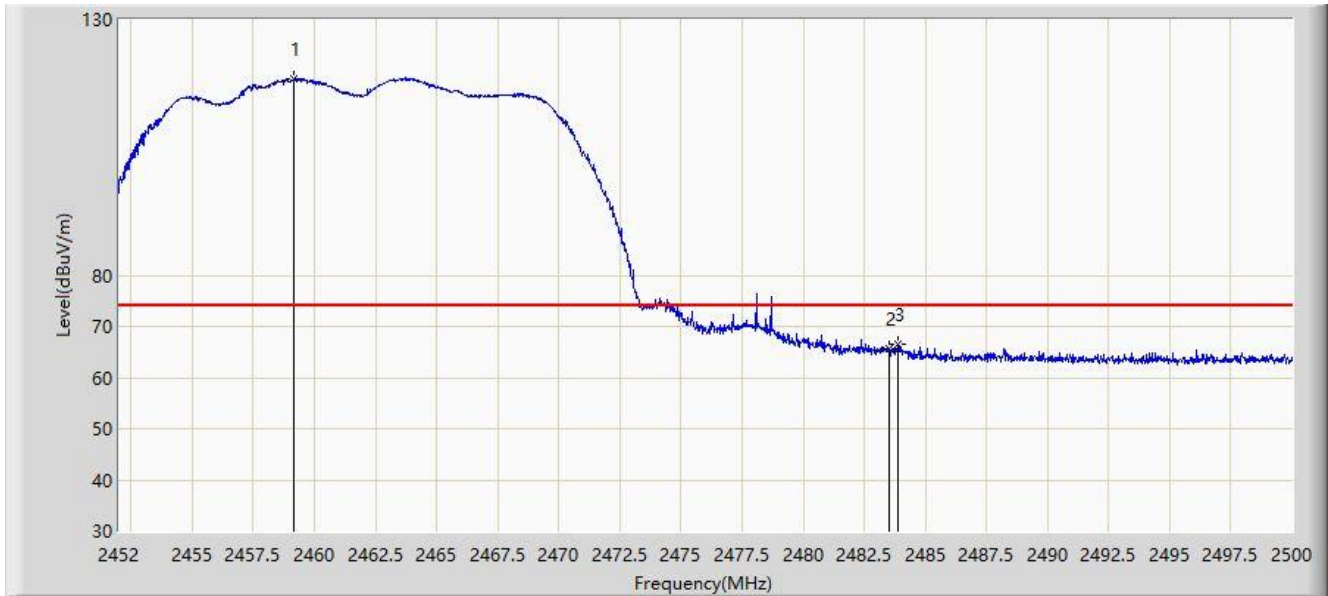


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		*	2460.688	104.069	73.190	N/A	N/A	30.879	AV
2			2483.500	50.489	19.600	-3.511	54.000	30.889	AV
3			2488.240	50.954	20.041	-3.046	54.000	30.913	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11g at channel 2462MHz	

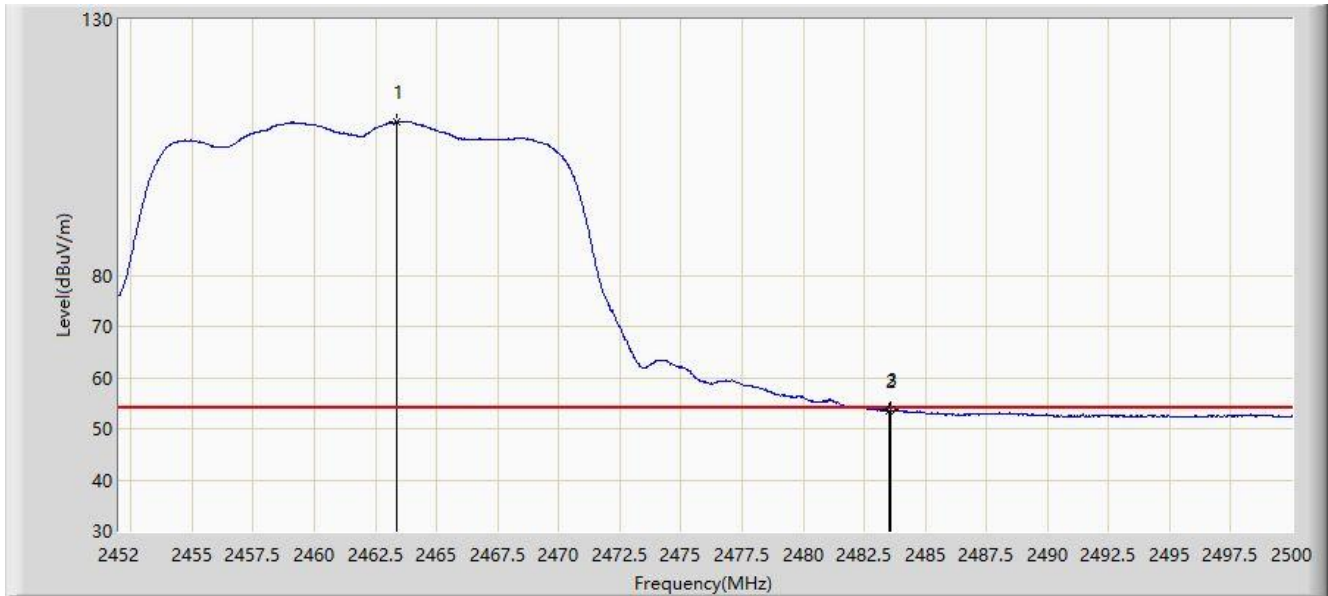


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	2459.176	118.409	87.529	N/A	N/A	30.880	PK
2			2483.500	65.706	34.817	-8.294	74.000	30.889	PK
3			2483.896	66.448	35.557	-7.552	74.000	30.891	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11g at channel 2462MHz	

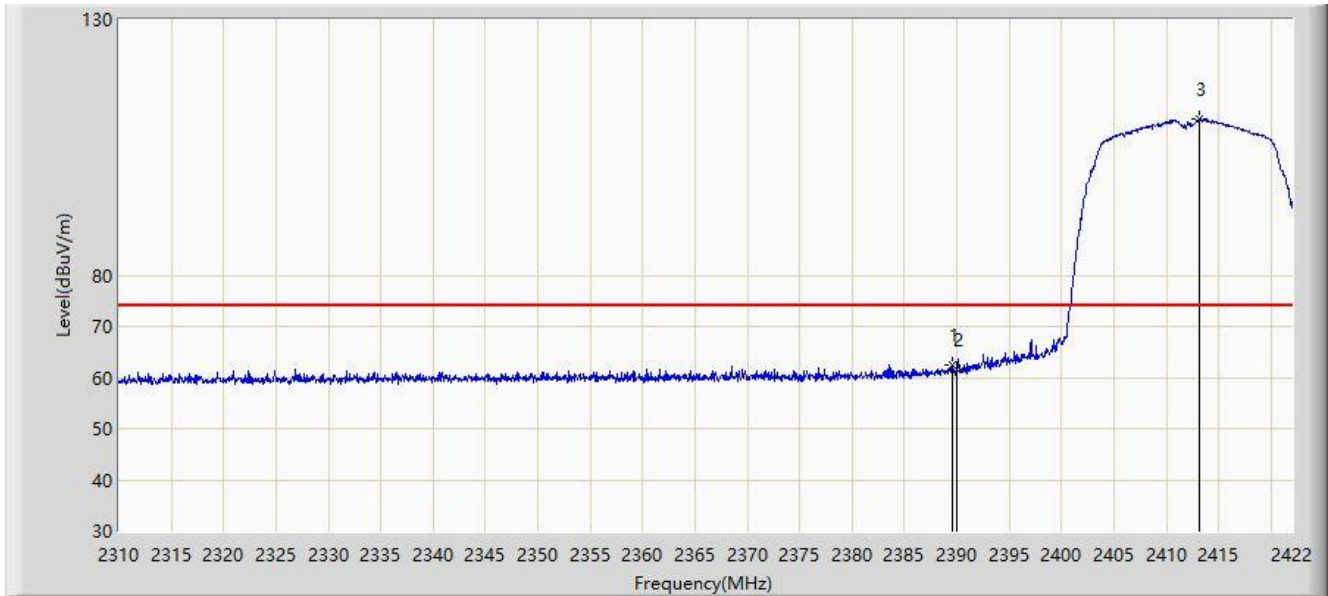


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	X	*	2463.352	109.971	79.093	N/A	N/A	30.878	AV
2			2483.500	53.524	22.635	-0.476	54.000	30.889	AV
3			2483.584	53.692	22.803	-0.308	54.000	30.889	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 2412MHz	

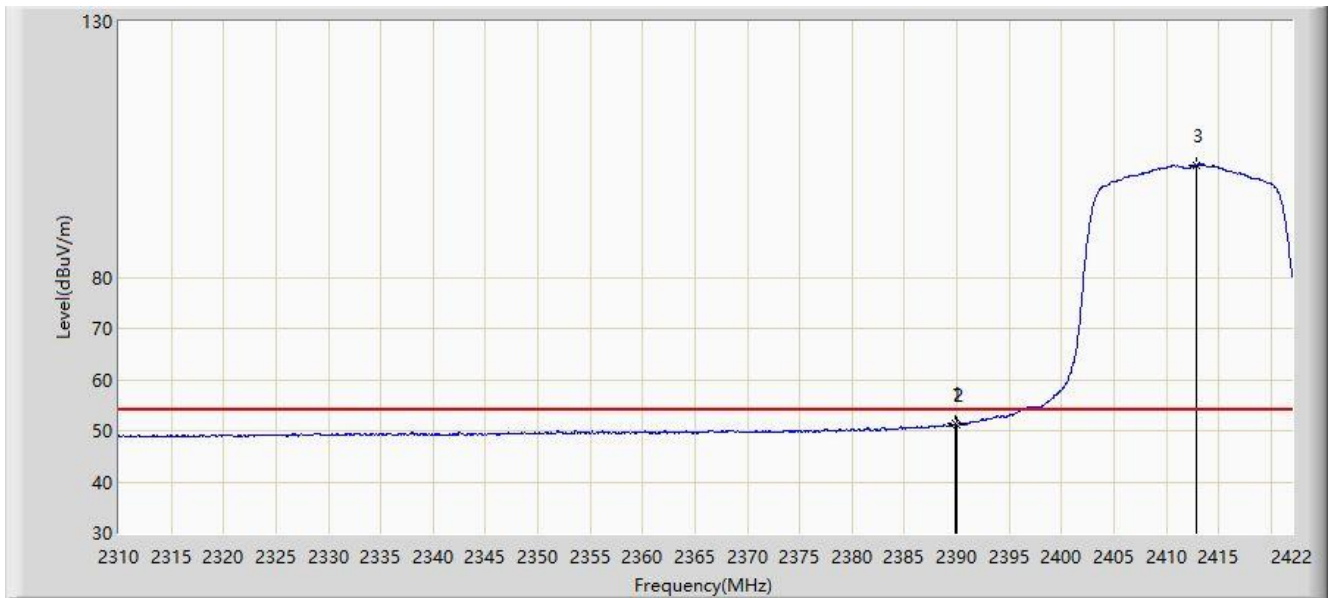


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2389.576	62.380	31.477	-11.620	74.000	30.903	PK
2			2390.000	61.707	30.804	-12.293	74.000	30.903	PK
3		*	2413.208	110.506	79.537	N/A	N/A	30.969	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 2412MHz	

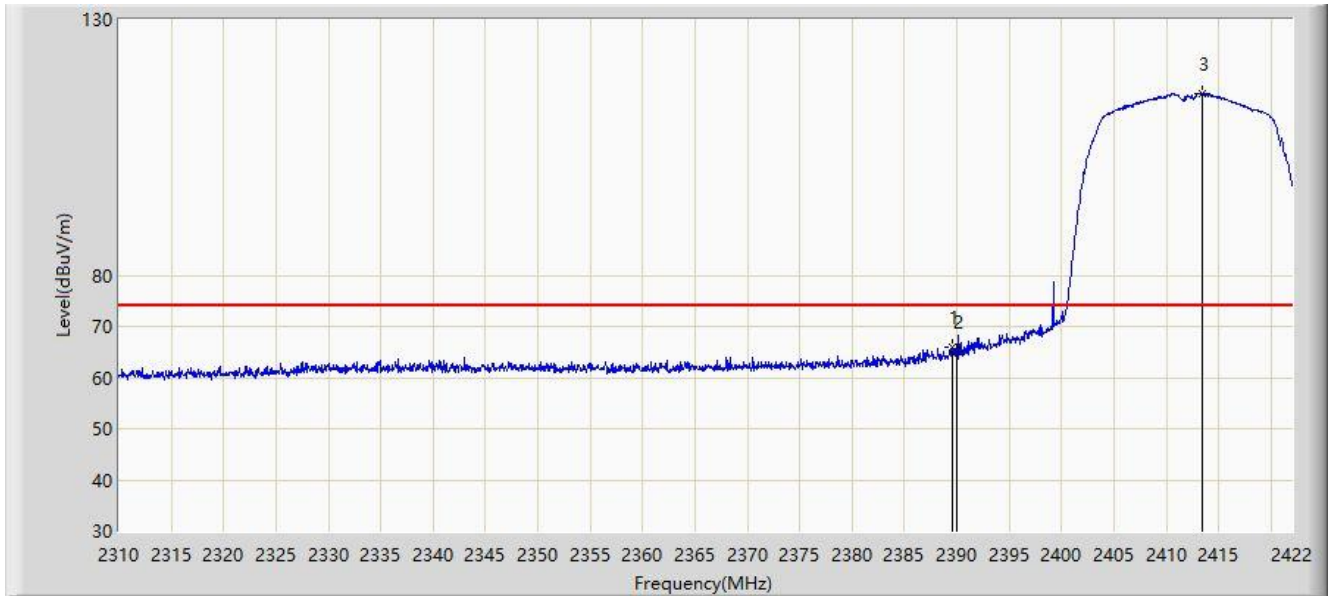


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2389.912	51.414	20.511	-2.586	54.000	30.903	AV
2			2390.000	51.258	20.355	-2.742	54.000	30.903	AV
3		*	2412.928	101.969	70.999	N/A	N/A	30.970	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 2412MHz	

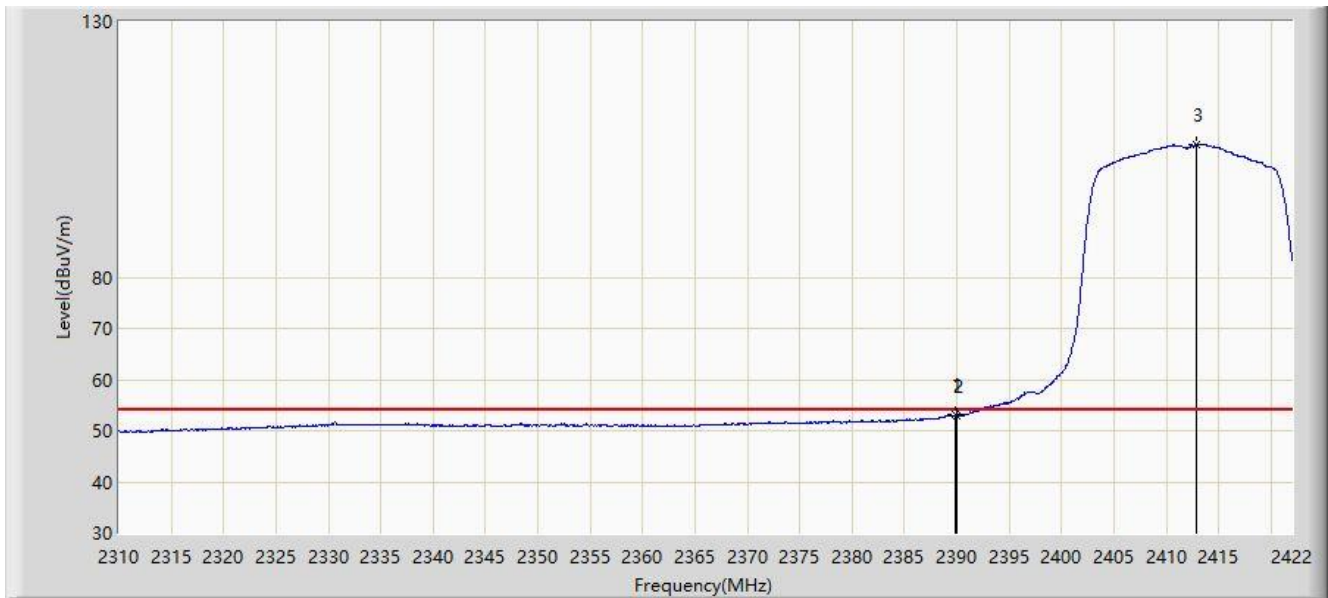


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2389.632	66.023	35.120	-7.977	74.000	30.904	PK
2			2390.000	65.024	34.121	-8.976	74.000	30.903	PK
3		*	2413.432	115.570	84.602	N/A	N/A	30.968	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 2412MHz	

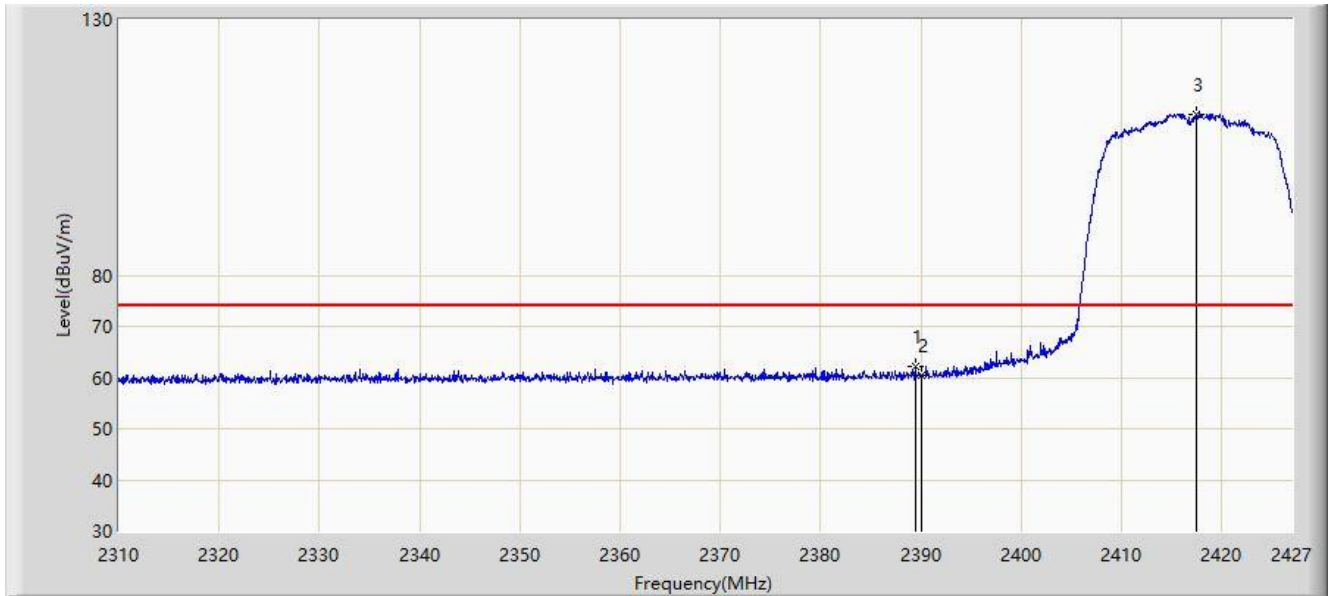


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2389.856	53.082	22.179	-0.918	54.000	30.903	AV
2			2390.000	52.975	22.072	-1.025	54.000	30.903	AV
3		*	2412.928	105.933	74.963	N/A	N/A	30.970	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/27
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 2417MHz	

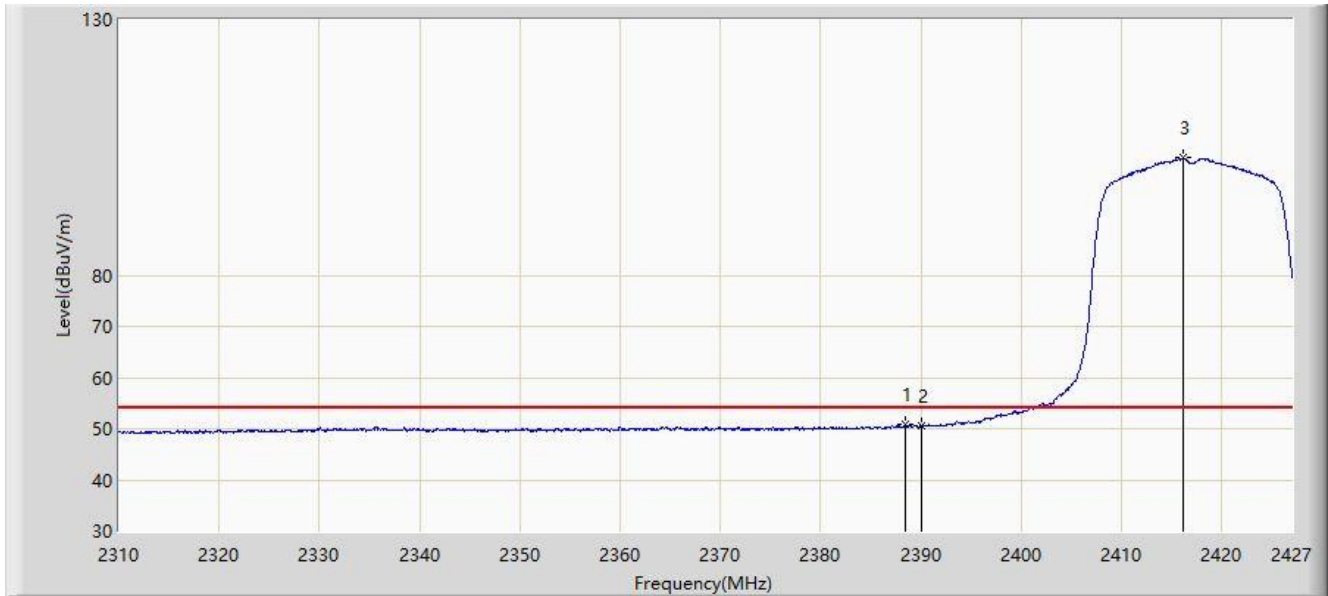


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2389.443	62.130	31.226	-11.870	74.000	30.903	PK
2			2390.000	60.477	29.574	-13.523	74.000	30.903	PK
3		*	2417.406	111.539	80.583	37.539	74.000	30.956	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/27
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 2417MHz	

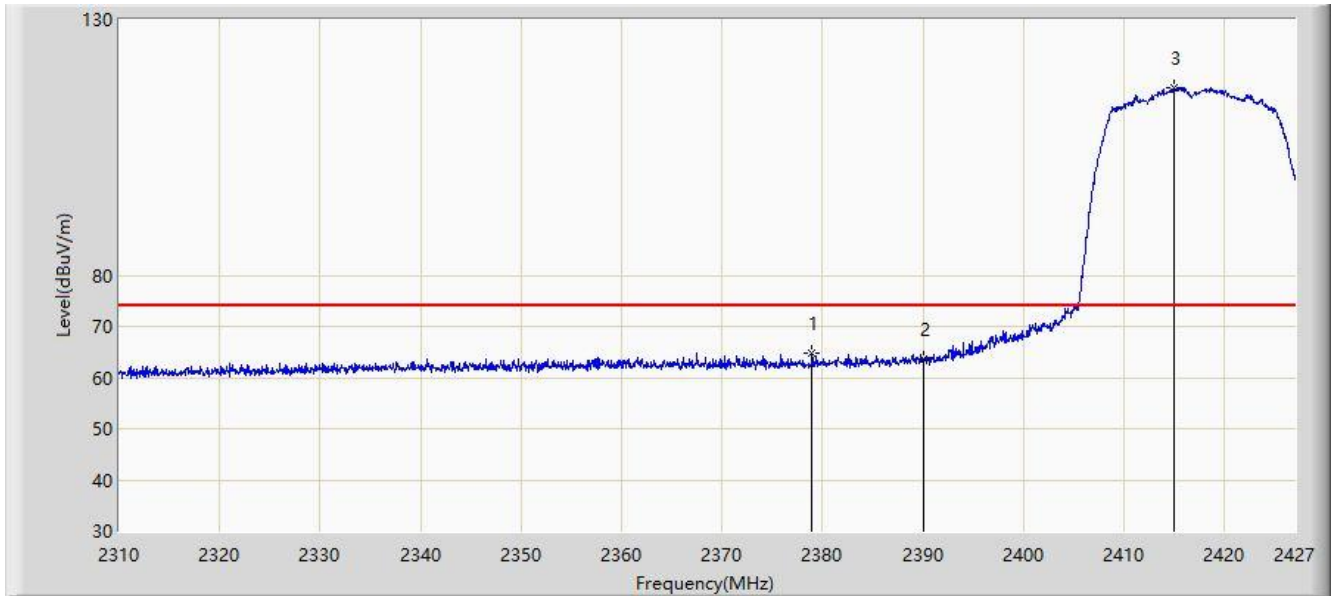


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2388.390	50.791	19.887	-3.209	54.000	30.905	AV
2			2390.000	50.491	19.588	-3.509	54.000	30.903	AV
3		*	2416.177	103.009	72.049	49.009	54.000	30.960	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/27
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 2417MHz	

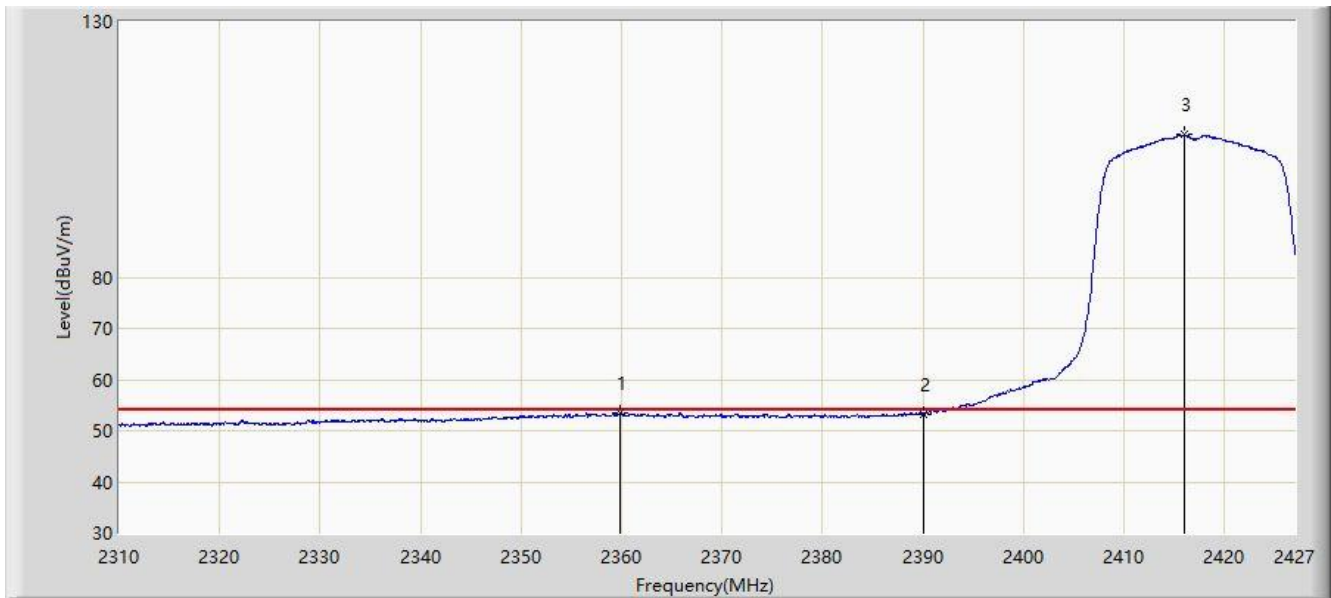


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2378.971	64.674	33.762	-9.326	74.000	30.912	PK
2			2390.000	63.614	32.711	-10.386	74.000	30.903	PK
3		*	2414.949	116.650	85.687	42.650	74.000	30.964	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/27
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 2417MHz	

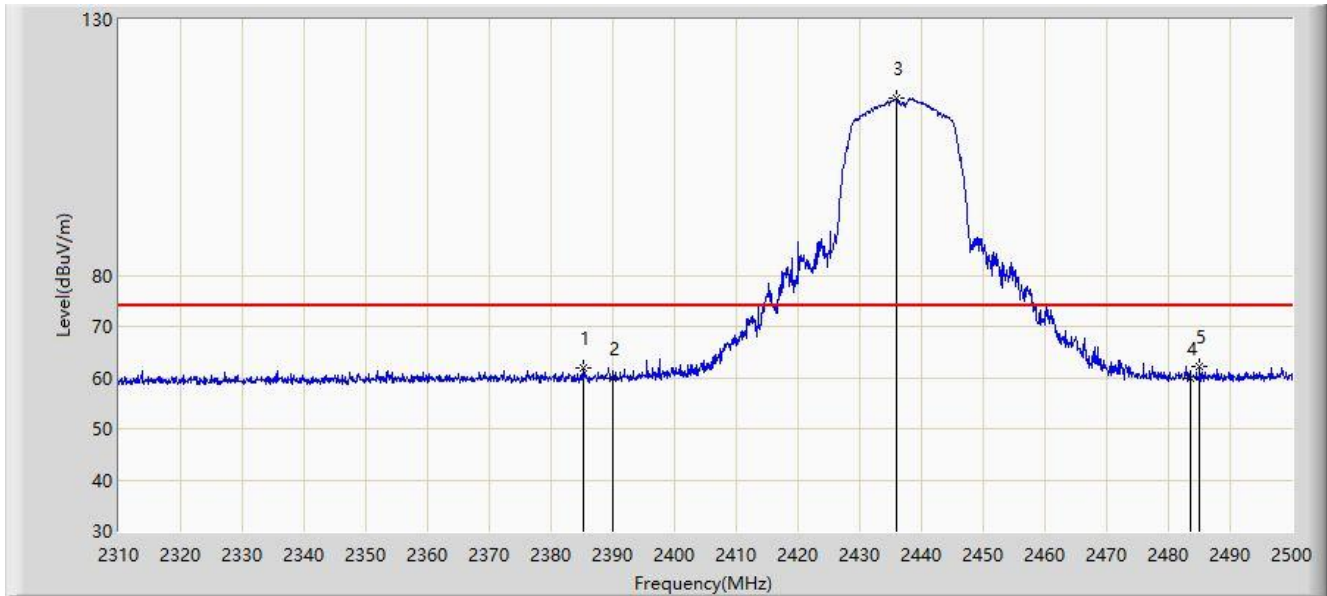


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2359.900	53.516	22.526	-0.484	54.000	30.989	AV
2			2390.000	53.275	22.372	-0.725	54.000	30.903	AV
3		*	2416.002	107.980	77.020	53.980	54.000	30.960	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 2437MHz	

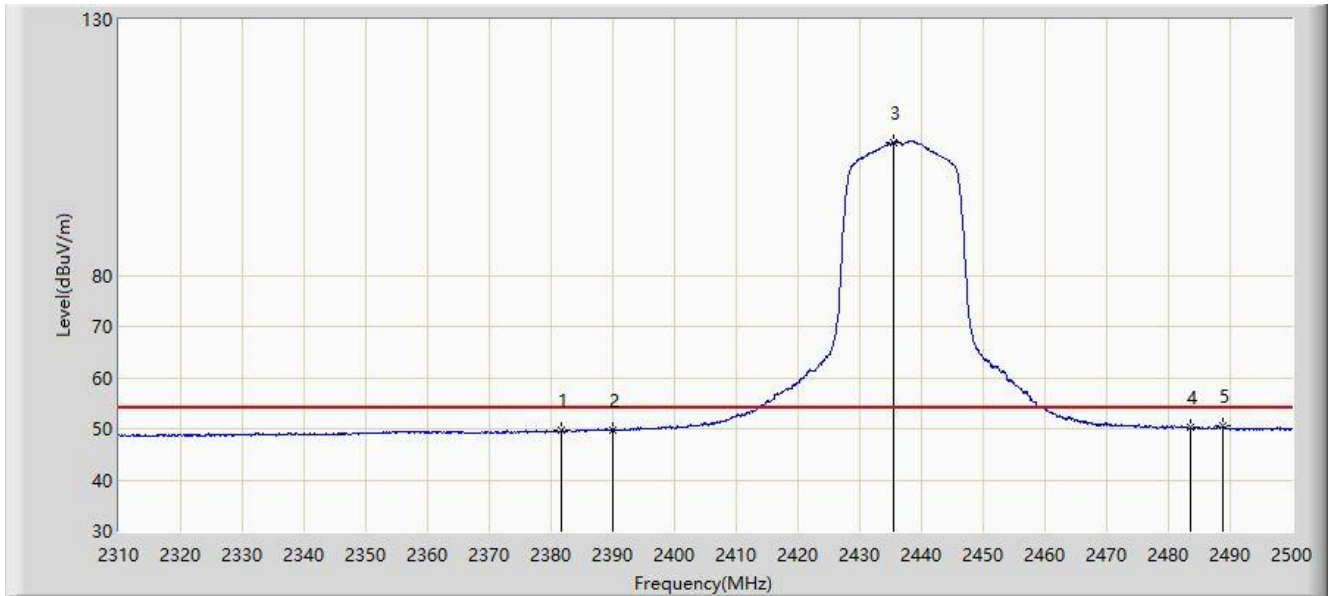


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2385.240	61.750	30.843	-12.250	74.000	30.907	PK
2			2390.000	59.804	28.901	-14.196	74.000	30.903	PK
3		*	2435.875	114.534	83.628	N/A	N/A	30.906	PK
4			2483.500	59.943	29.054	-14.057	74.000	30.889	PK
5			2484.990	62.064	31.168	-11.936	74.000	30.896	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 2437MHz	

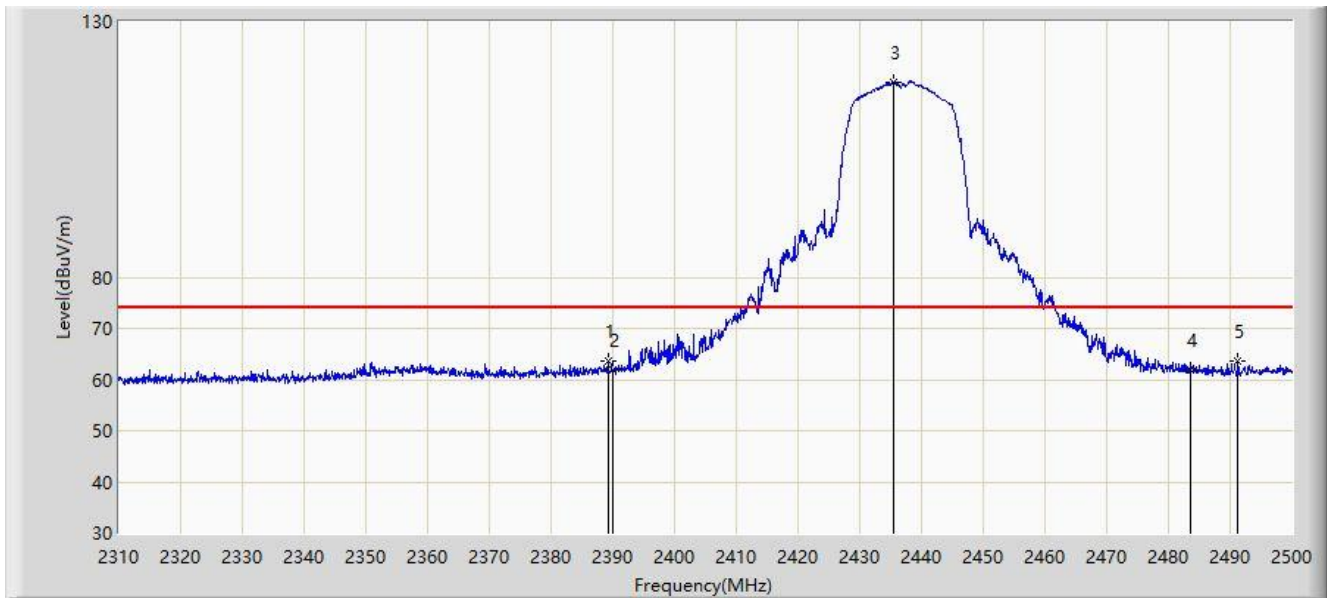


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2381.630	49.727	18.817	-4.273	54.000	30.910	AV
2			2390.000	49.784	18.881	-4.216	54.000	30.903	AV
3		*	2435.495	105.954	75.047	N/A	N/A	30.907	AV
4			2483.500	50.204	19.315	-3.796	54.000	30.889	AV
5			2488.695	50.435	19.520	-3.565	54.000	30.915	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 2437MHz	

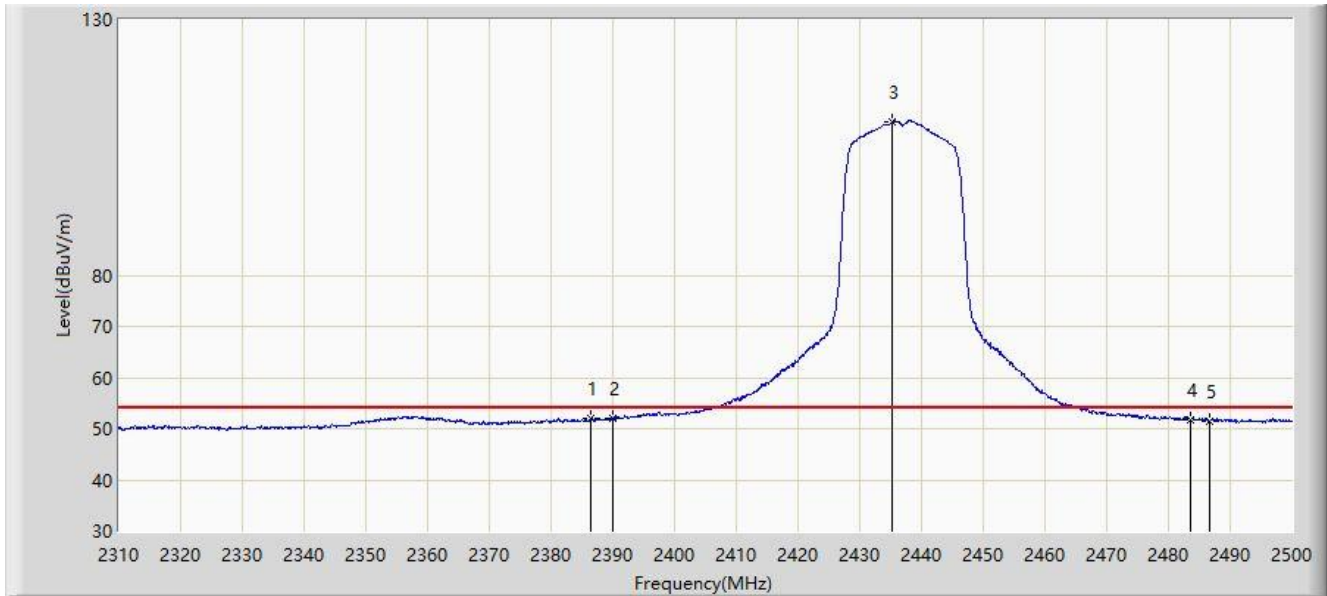


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2389.230	63.594	32.690	-10.406	74.000	30.904	PK
2			2390.000	61.919	31.016	-12.081	74.000	30.903	PK
3		*	2435.400	118.129	87.222	N/A	N/A	30.907	PK
4			2483.500	61.897	31.008	-12.103	74.000	30.889	PK
5			2491.260	63.567	32.639	-10.433	74.000	30.928	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 2437MHz	

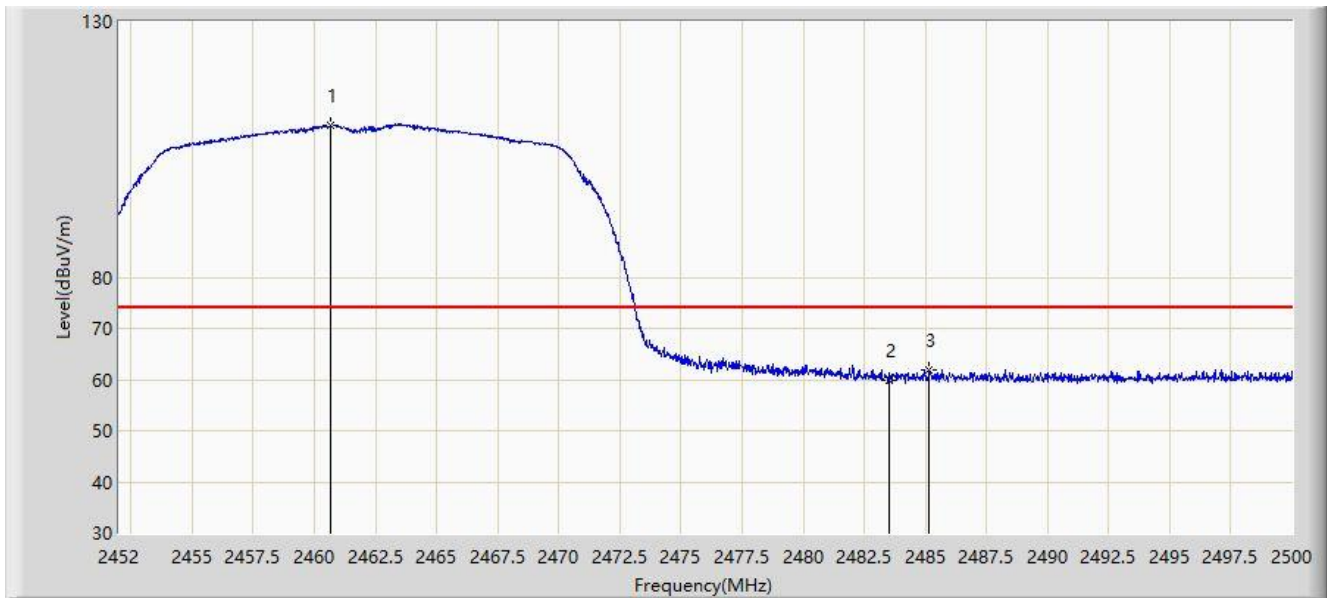


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2386.475	52.038	21.132	-1.962	54.000	30.906	AV
2			2390.000	51.885	20.982	-2.115	54.000	30.903	AV
3	X	*	2435.305	109.996	79.089	N/A	N/A	30.908	AV
4			2483.500	51.788	20.899	-2.212	54.000	30.889	AV
5			2486.605	51.481	20.577	-2.519	54.000	30.904	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 2462MHz	

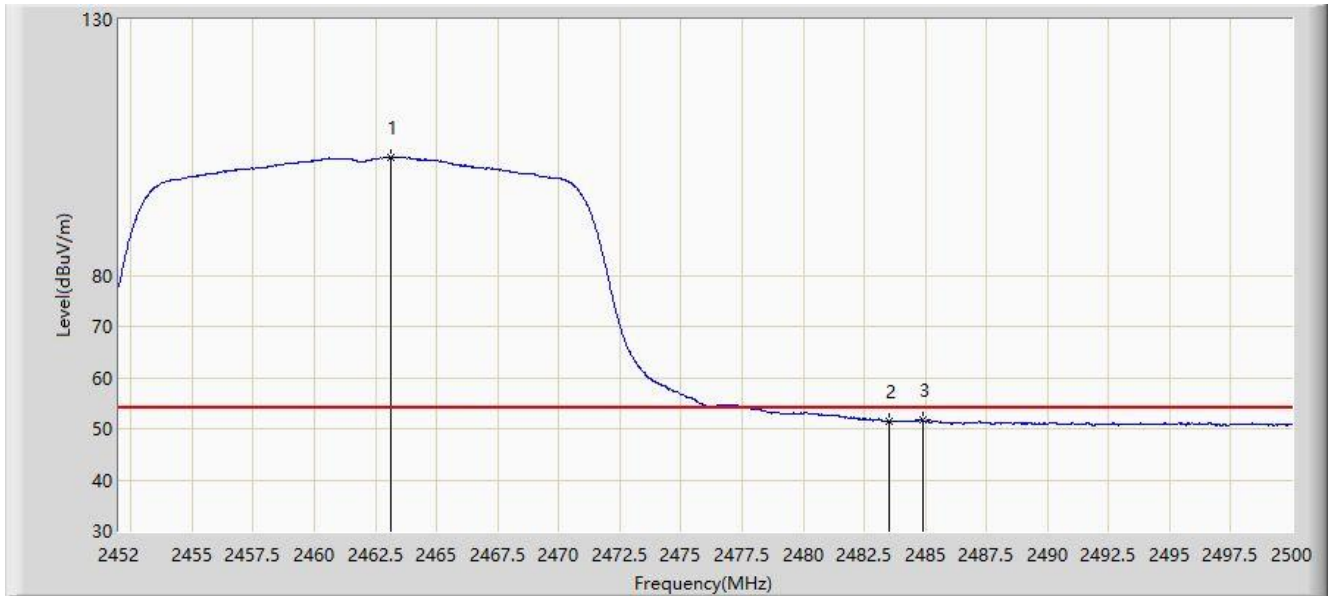


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	2460.664	109.665	78.786	N/A	N/A	30.879	PK
2			2483.500	59.986	29.097	-14.014	74.000	30.889	PK
3			2485.168	61.937	31.040	-12.063	74.000	30.897	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 2462MHz	

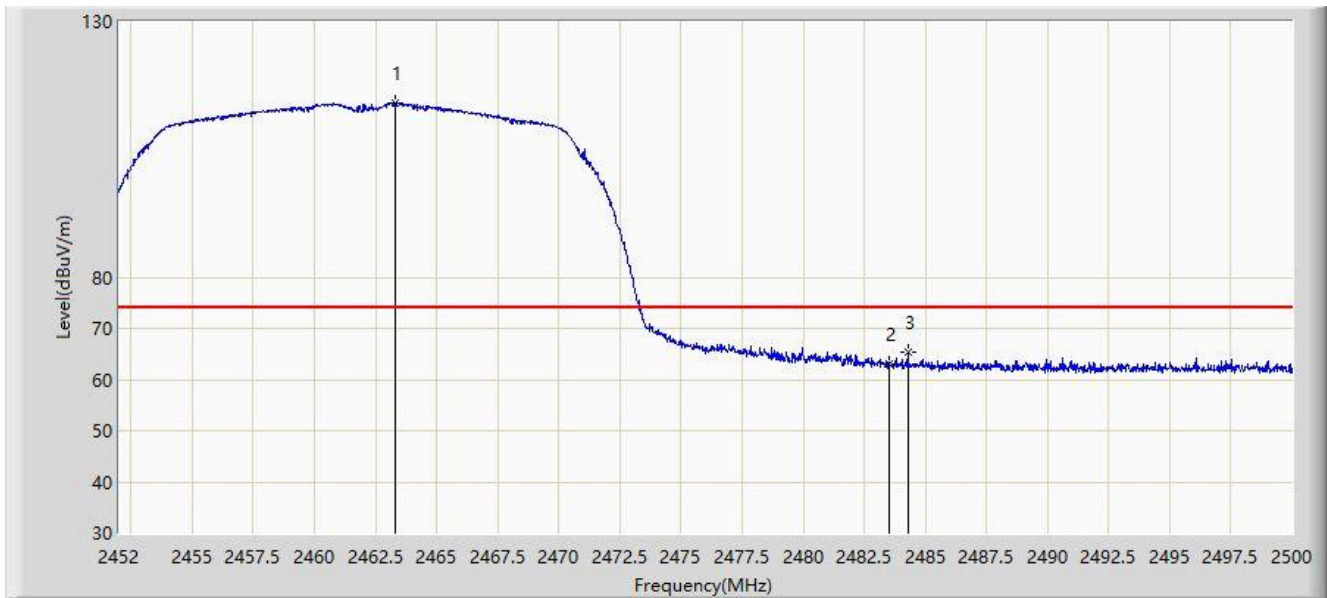


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	2463.136	103.172	72.294	N/A	N/A	30.878	AV
2			2483.500	51.544	20.655	-2.456	54.000	30.889	AV
3			2484.904	51.667	20.771	-2.333	54.000	30.896	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 2462MHz	

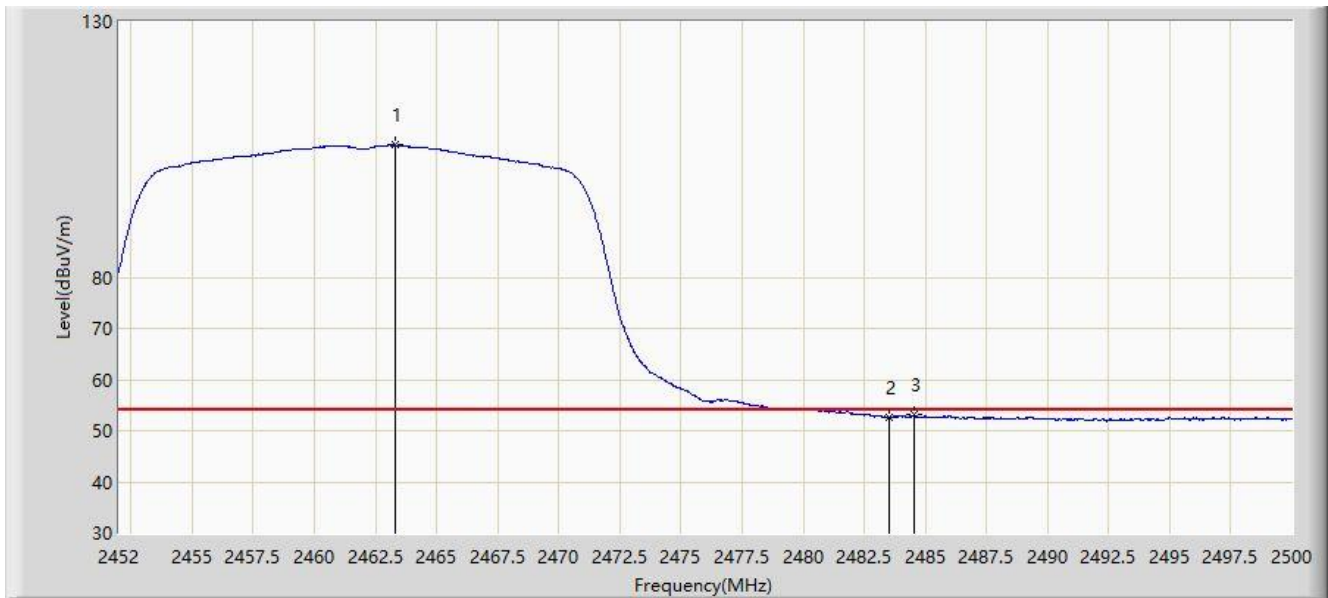


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		*	2463.304	114.035	83.157	N/A	N/A	30.878	PK
2			2483.500	62.996	32.107	-11.004	74.000	30.889	PK
3			2484.280	65.237	34.344	-8.763	74.000	30.893	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT20 at channel 2462MHz	

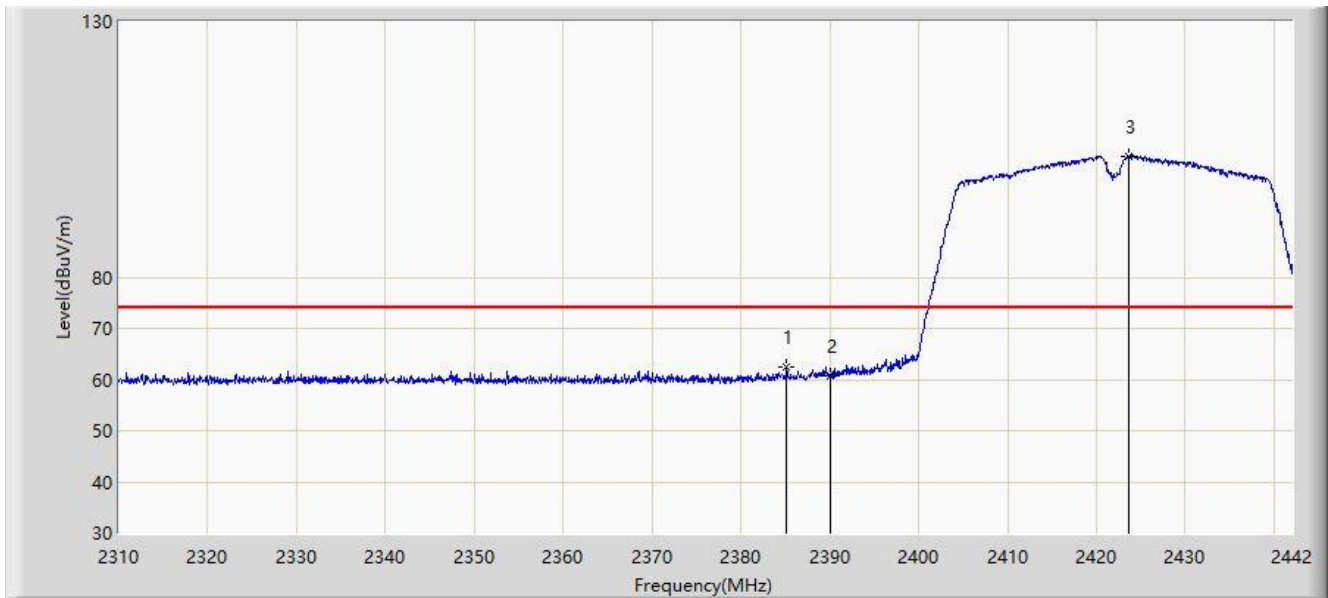


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		*	2463.280	105.966	75.088	N/A	N/A	30.878	AV
2			2483.500	52.729	21.840	-1.271	54.000	30.889	AV
3			2484.568	53.058	22.164	-0.942	54.000	30.894	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 2422MHz	

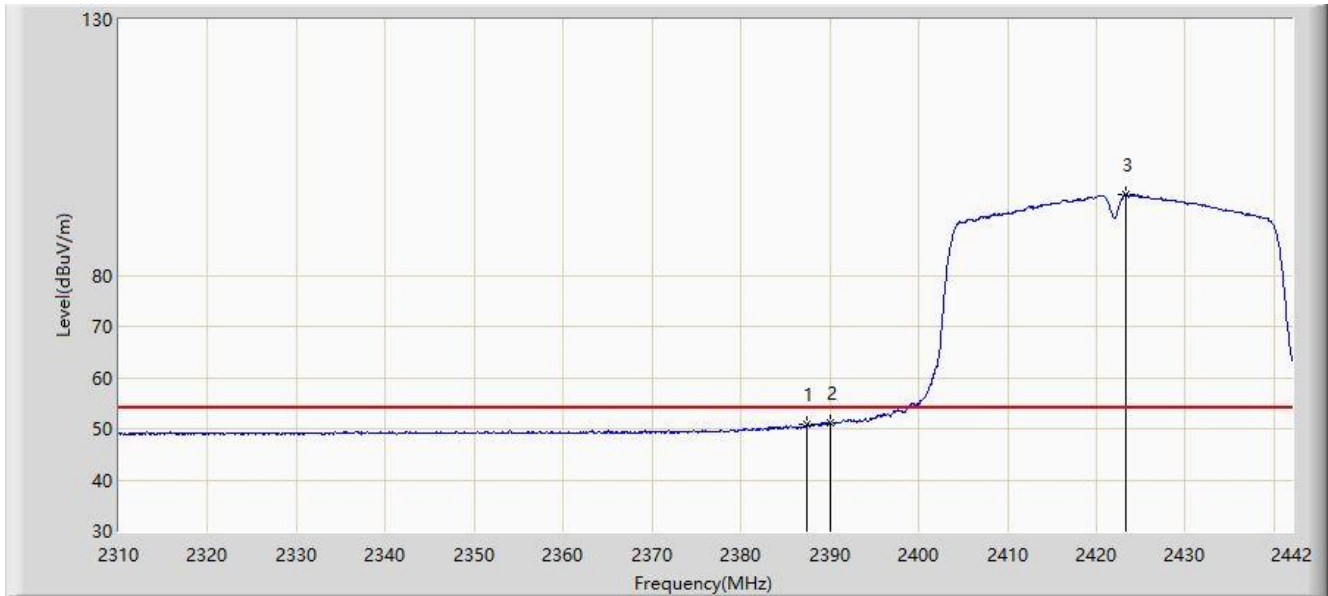


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2385.174	62.478	31.571	-11.522	74.000	30.907	PK
2			2390.000	60.762	29.859	-13.238	74.000	30.903	PK
3		*	2423.652	103.759	72.822	N/A	N/A	30.937	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 2422MHz	

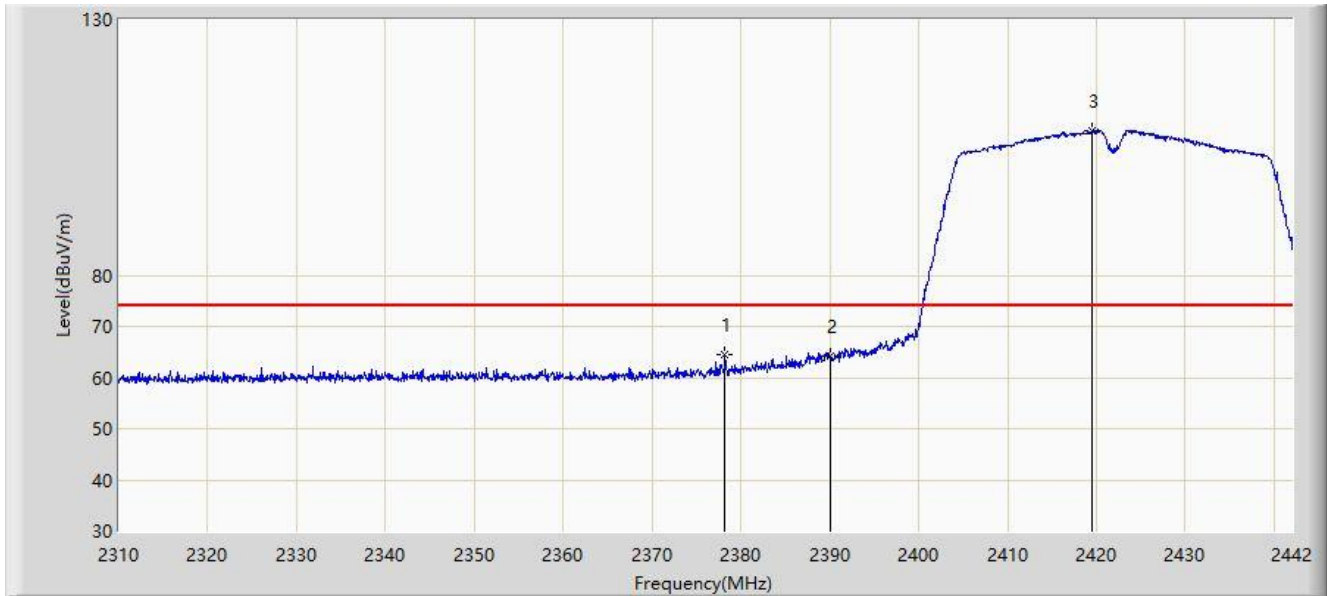


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2387.484	50.977	20.072	-3.023	54.000	30.905	AV
2			2390.000	51.173	20.270	-2.827	54.000	30.903	AV
3		*	2423.256	95.717	64.779	N/A	N/A	30.938	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 2422MHz	

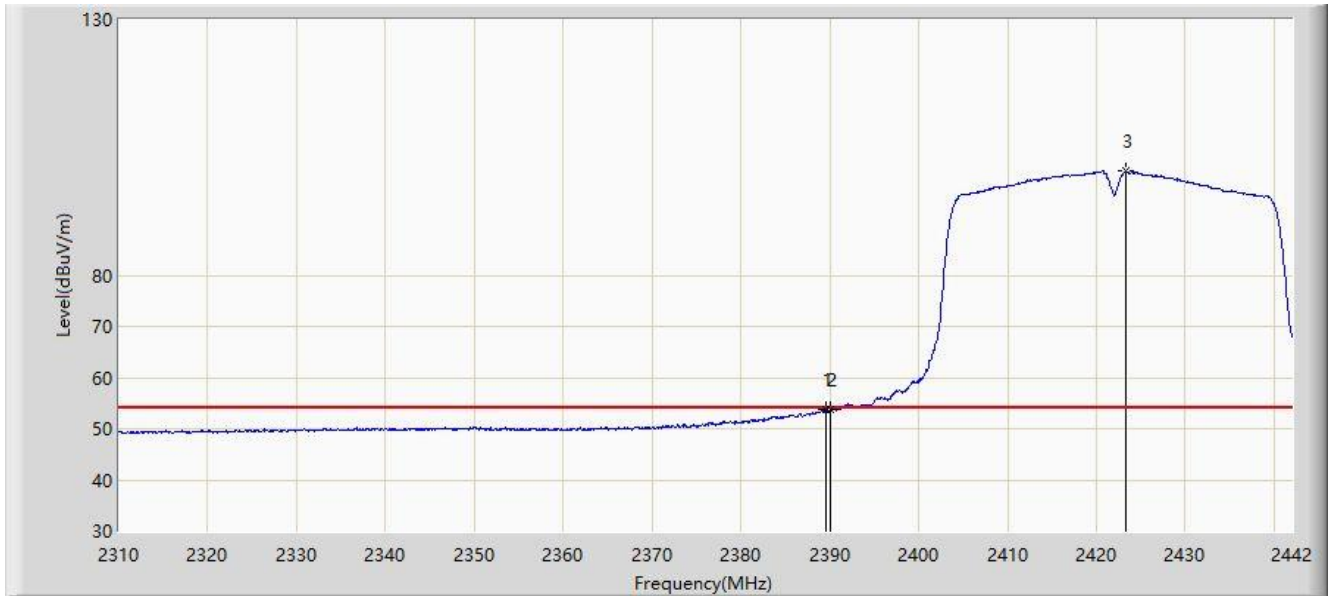


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2378.178	64.422	33.509	-9.578	74.000	30.913	PK
2			2390.000	64.065	33.162	-9.935	74.000	30.903	PK
3		*	2419.560	108.145	77.196	N/A	N/A	30.949	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 2422MHz	

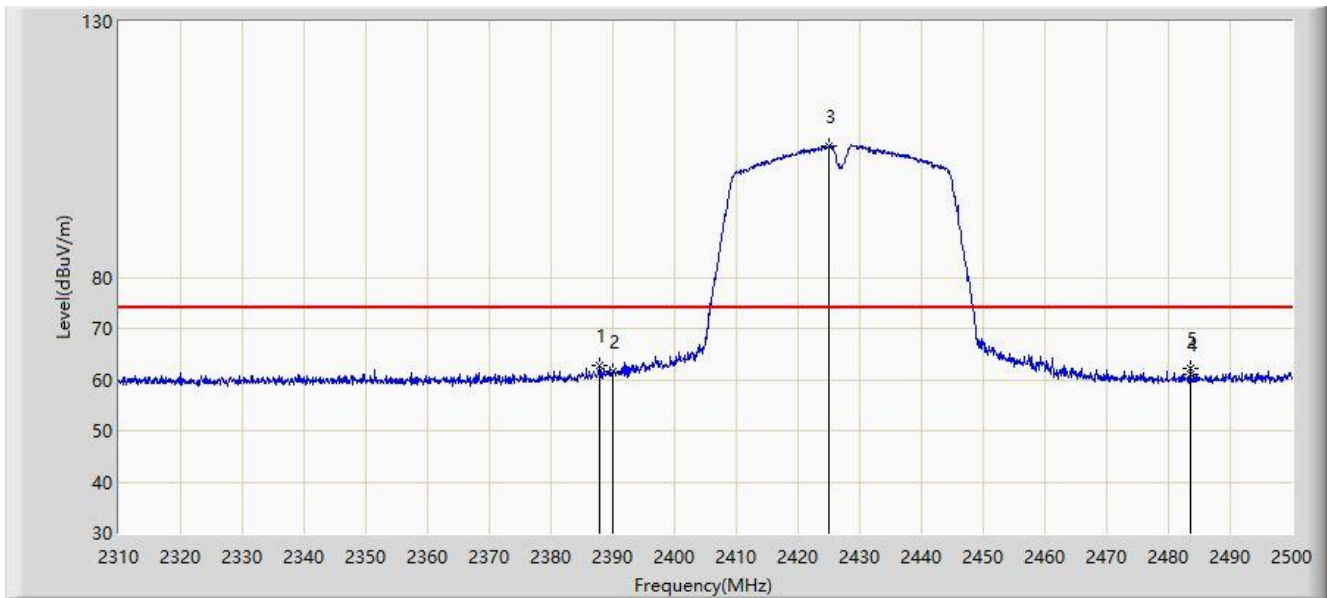


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2389.530	53.798	22.895	-0.202	54.000	30.903	AV
2			2390.000	53.773	22.870	-0.227	54.000	30.903	AV
3		*	2423.322	100.376	69.438	N/A	N/A	30.938	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 2427MHz	

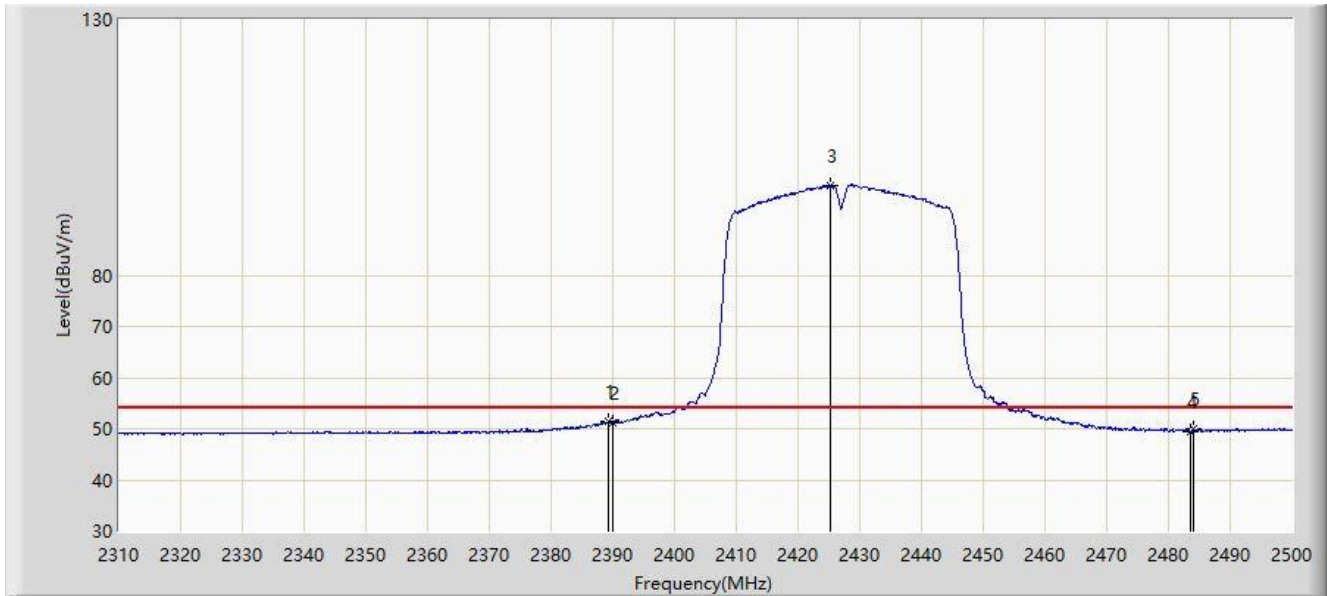


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2387.805	62.855	31.950	-11.145	74.000	30.905	PK
2			2390.000	61.488	30.585	-12.512	74.000	30.903	PK
3		*	2424.950	105.711	74.778	N/A	N/A	30.933	PK
4			2483.500	61.130	30.241	-12.870	74.000	30.889	PK
5			2483.565	62.304	31.415	-11.696	74.000	30.889	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 2427MHz	

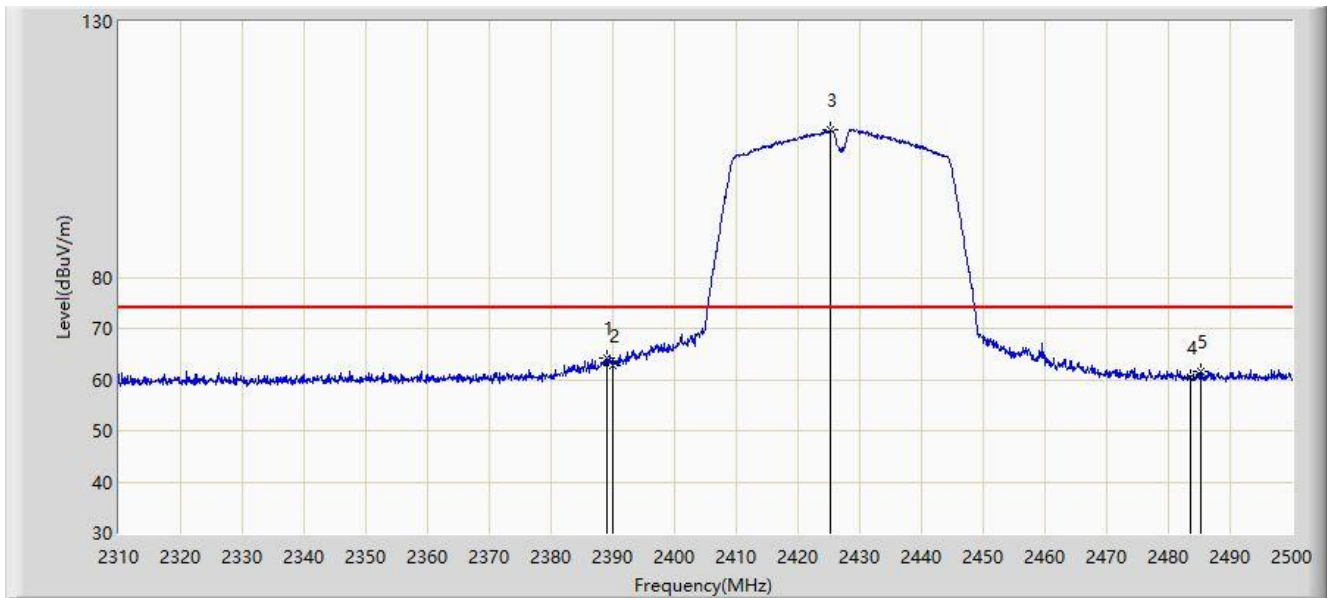


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2389.325	51.376	20.472	-2.624	54.000	30.904	AV
2			2390.000	51.139	20.236	-2.861	54.000	30.903	AV
3		*	2425.330	97.563	66.631	N/A	N/A	30.932	AV
4			2483.500	49.548	18.659	-4.452	54.000	30.889	AV
5			2484.040	49.859	18.967	-4.141	54.000	30.892	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 2427MHz	

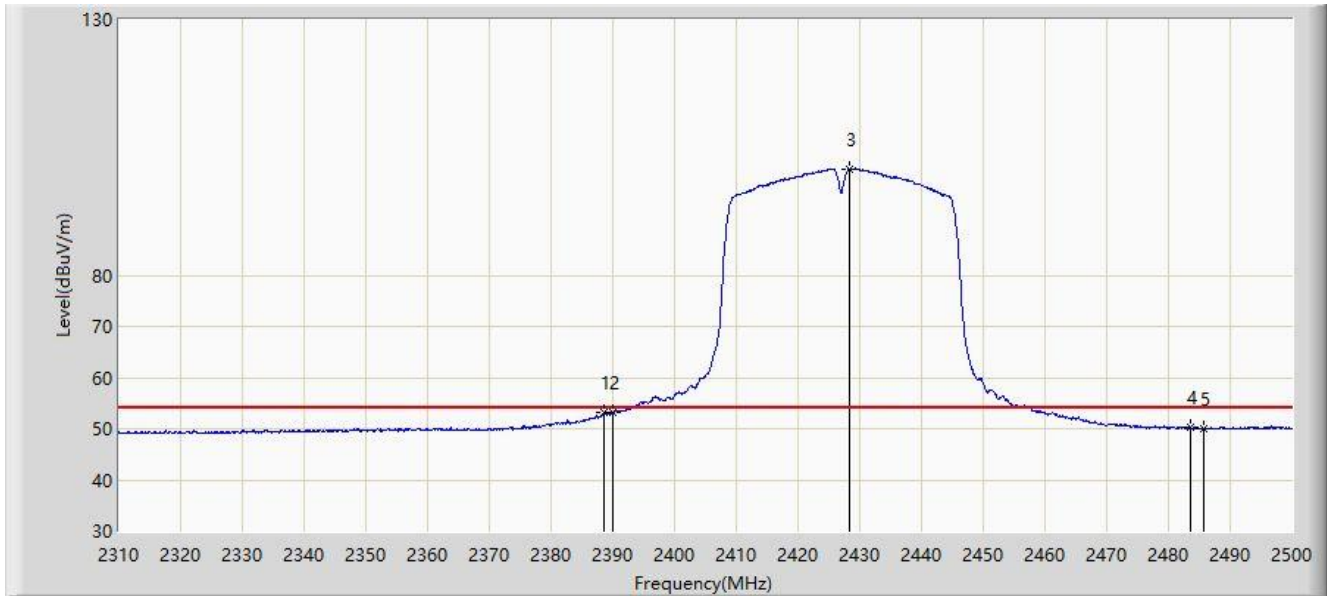


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2389.135	64.334	33.430	-9.666	74.000	30.903	PK
2			2390.000	62.850	31.947	-11.150	74.000	30.903	PK
3		*	2425.140	108.750	77.818	N/A	N/A	30.932	PK
4			2483.500	60.380	29.491	-13.620	74.000	30.889	PK
5			2485.180	61.599	30.702	-12.401	74.000	30.897	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 2427MHz	

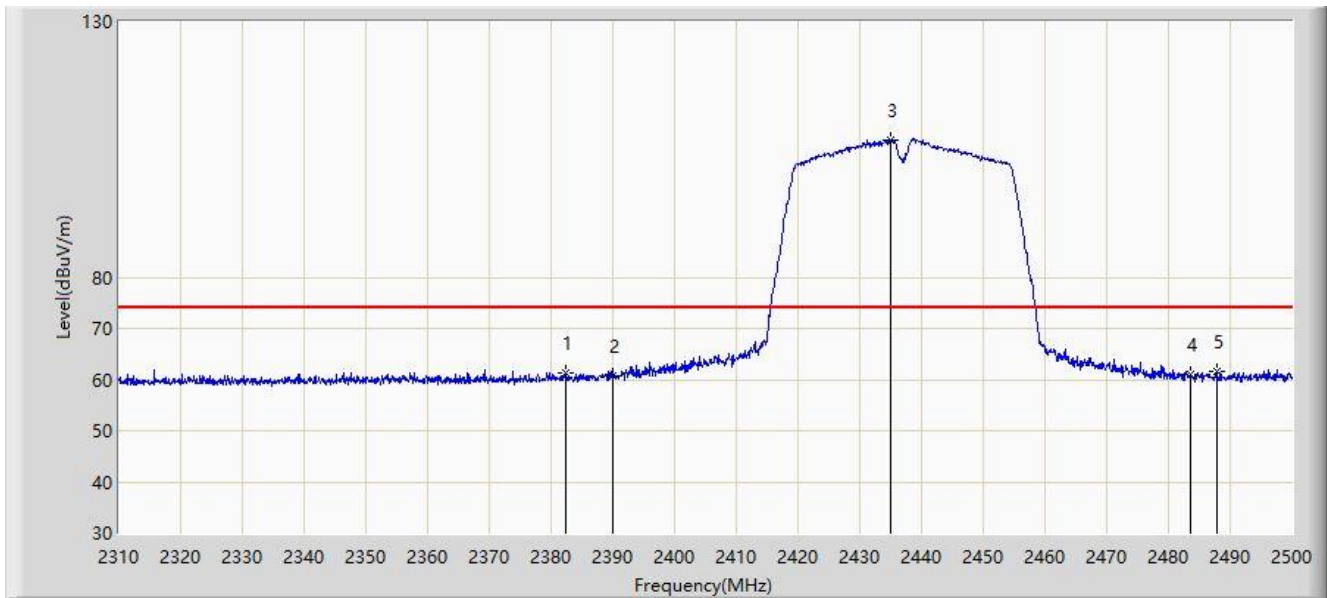


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2388.660	53.074	22.170	-0.926	54.000	30.904	AV
2			2390.000	53.189	22.286	-0.811	54.000	30.903	AV
3		*	2428.275	100.869	69.946	N/A	N/A	30.923	AV
4			2483.500	50.226	19.337	-3.774	54.000	30.889	AV
5			2485.750	50.037	19.137	-3.963	54.000	30.900	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 2437MHz	

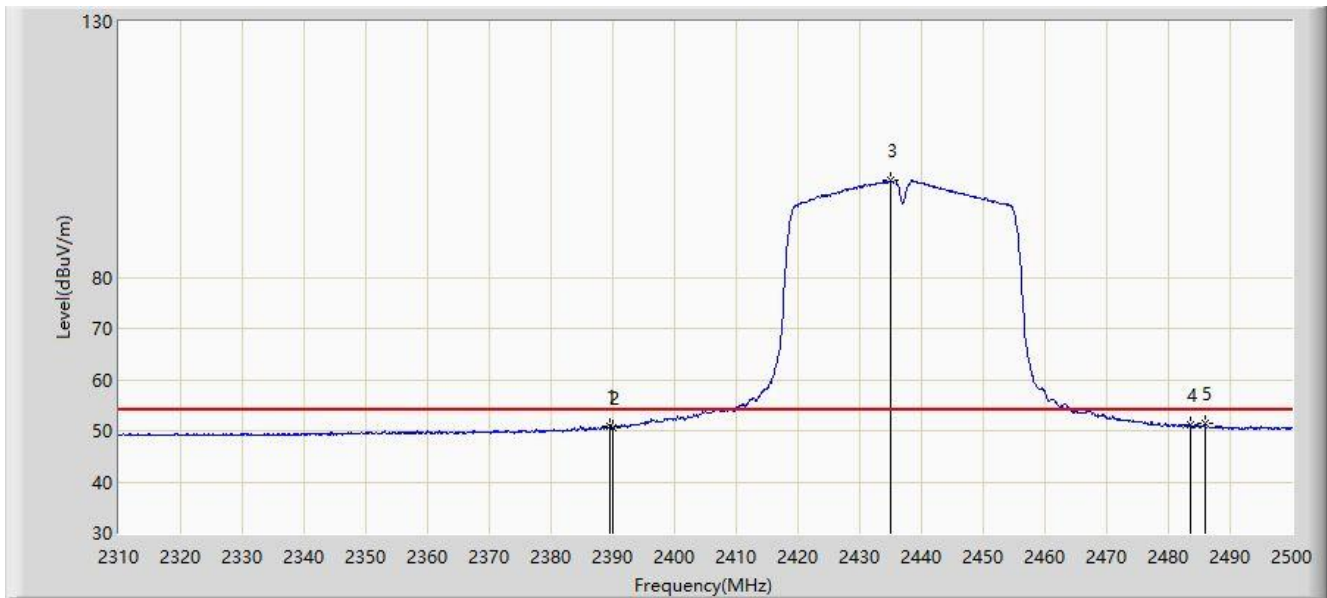


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2382.295	61.249	30.339	-12.751	74.000	30.909	PK
2			2390.000	60.813	29.910	-13.187	74.000	30.903	PK
3		*	2435.020	106.912	76.004	N/A	N/A	30.908	PK
4			2483.500	61.027	30.138	-12.973	74.000	30.889	PK
5			2487.745	61.492	30.582	-12.508	74.000	30.910	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 2437MHz	

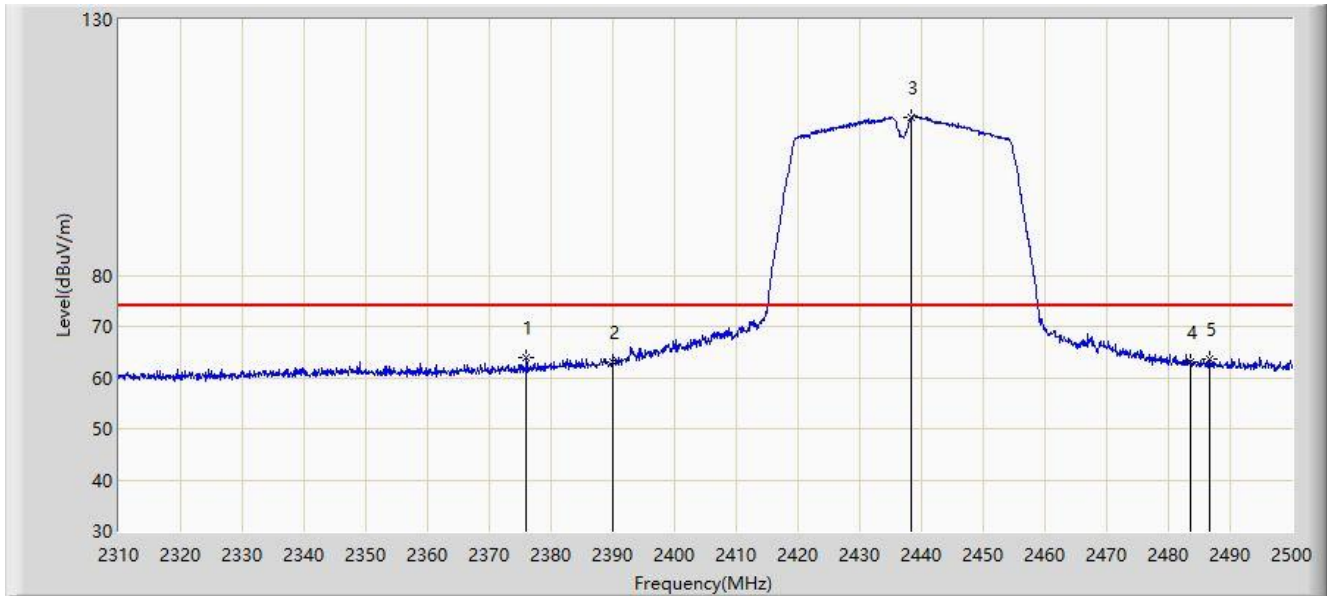


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2389.515	50.996	20.093	-3.004	54.000	30.903	AV
2			2390.000	50.686	19.783	-3.314	54.000	30.903	AV
3		*	2435.020	98.846	67.938	N/A	N/A	30.908	AV
4			2483.500	51.119	20.230	-2.881	54.000	30.889	AV
5			2485.845	51.318	20.417	-2.682	54.000	30.901	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 2437MHz	

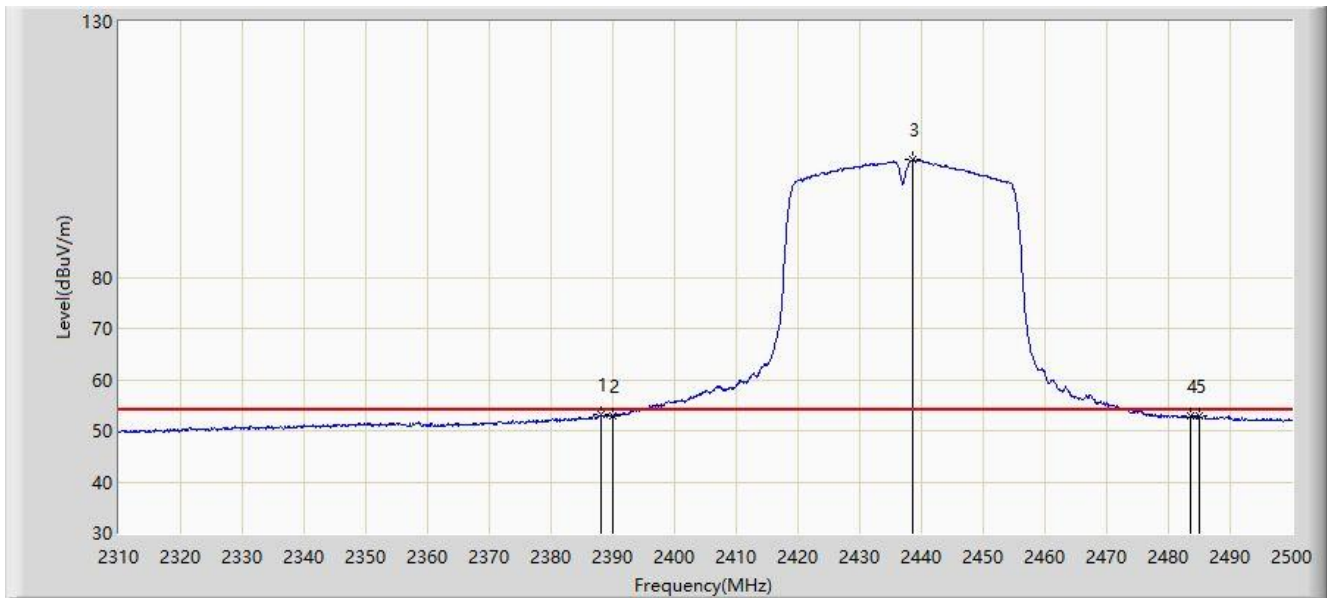


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2375.930	63.830	32.911	-10.170	74.000	30.919	PK
2			2390.000	63.174	32.271	-10.826	74.000	30.903	PK
3		*	2438.440	110.942	80.042	N/A	N/A	30.900	PK
4			2483.500	63.072	32.183	-10.928	74.000	30.889	PK
5			2486.700	63.704	32.799	-10.296	74.000	30.905	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 2437MHz	

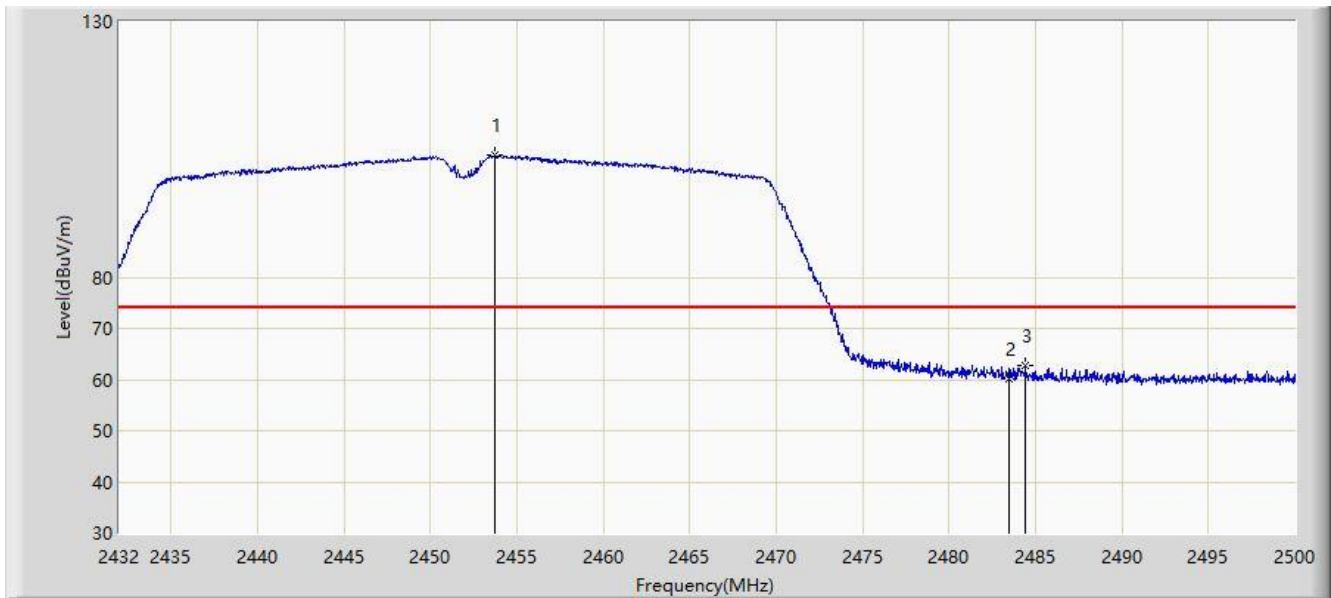


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2388.185	53.052	22.147	-0.948	54.000	30.904	AV
2			2390.000	53.003	22.100	-0.997	54.000	30.903	AV
3		*	2438.535	102.985	72.085	N/A	N/A	30.900	AV
4			2483.500	52.818	21.929	-1.182	54.000	30.889	AV
5			2484.990	52.975	22.079	-1.025	54.000	30.896	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 2452MHz	

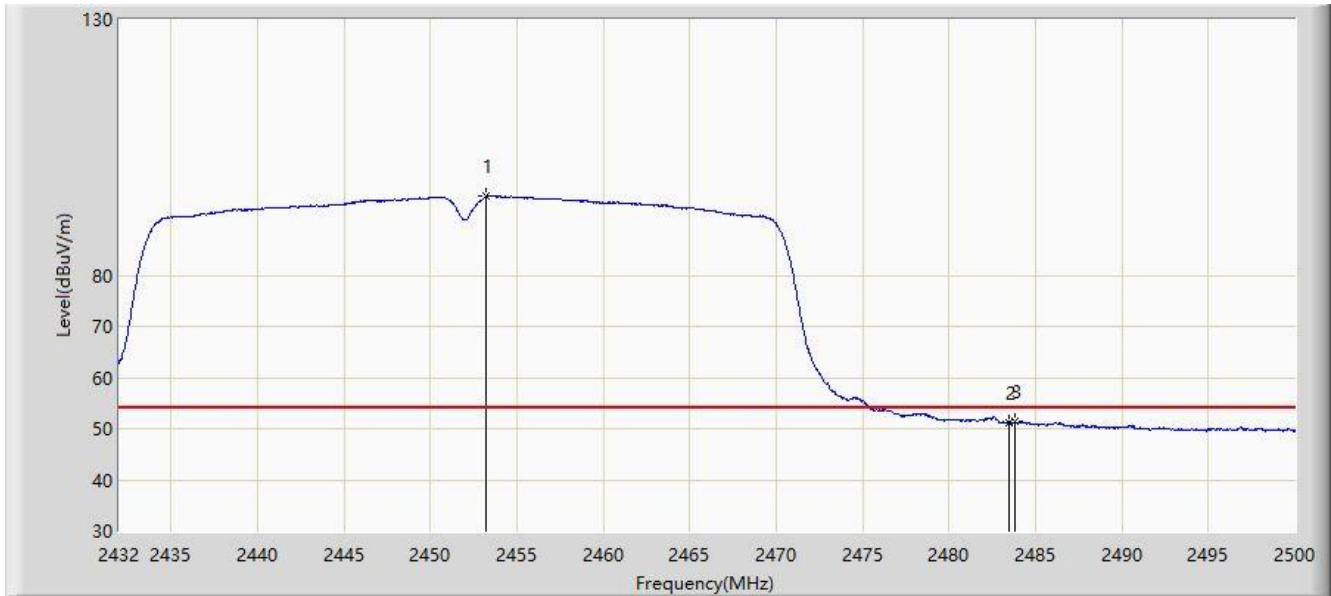


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		*	2453.760	103.794	72.912	N/A	N/A	30.882	PK
2			2483.500	60.053	29.164	-13.947	74.000	30.889	PK
3			2484.428	62.747	31.854	-11.253	74.000	30.893	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 2452MHz	

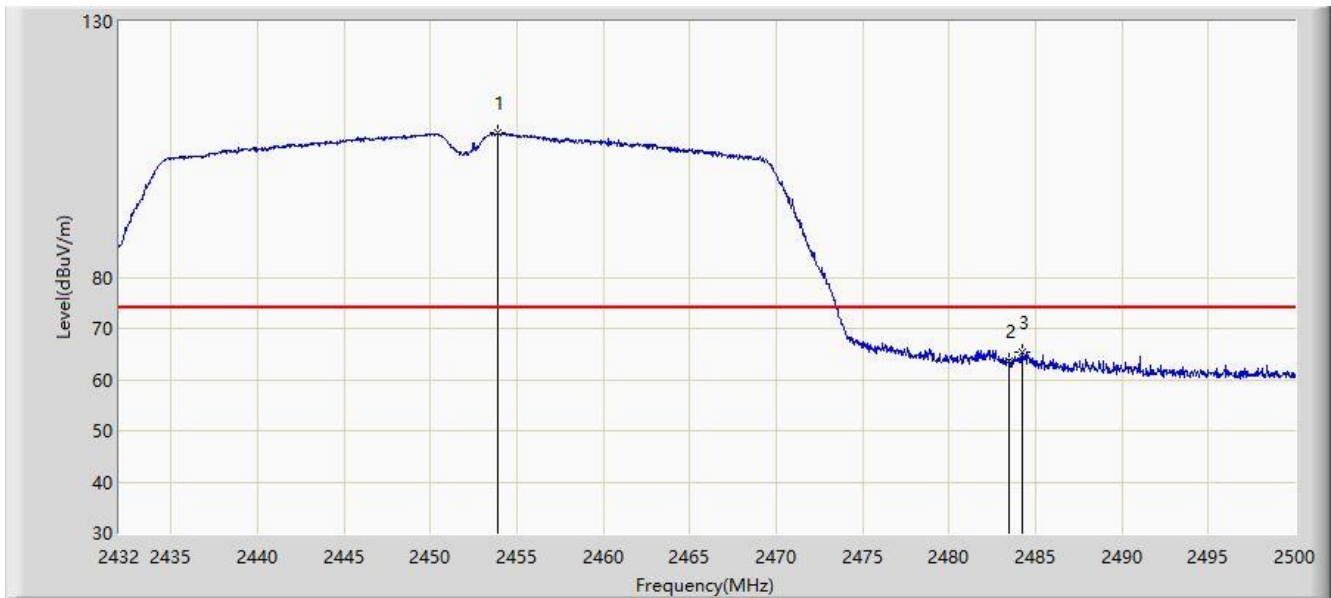


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		*	2453.216	95.403	64.521	N/A	N/A	30.882	AV
2			2483.500	51.105	20.216	-2.895	54.000	30.889	AV
3			2483.816	51.372	20.482	-2.628	54.000	30.890	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 2452MHz	

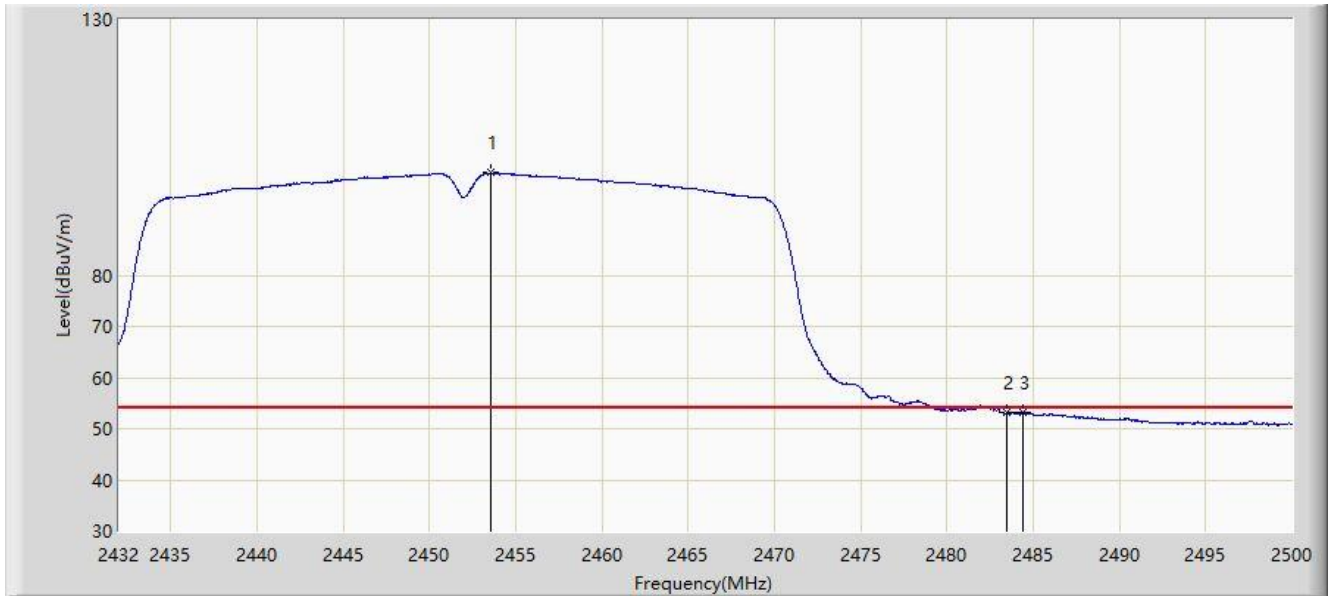


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		*	2453.862	108.116	77.234	N/A	N/A	30.882	PK
2			2483.500	63.622	32.733	-10.378	74.000	30.889	PK
3			2484.258	65.488	34.595	-8.512	74.000	30.893	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11n-HT40 at channel 2452MHz	

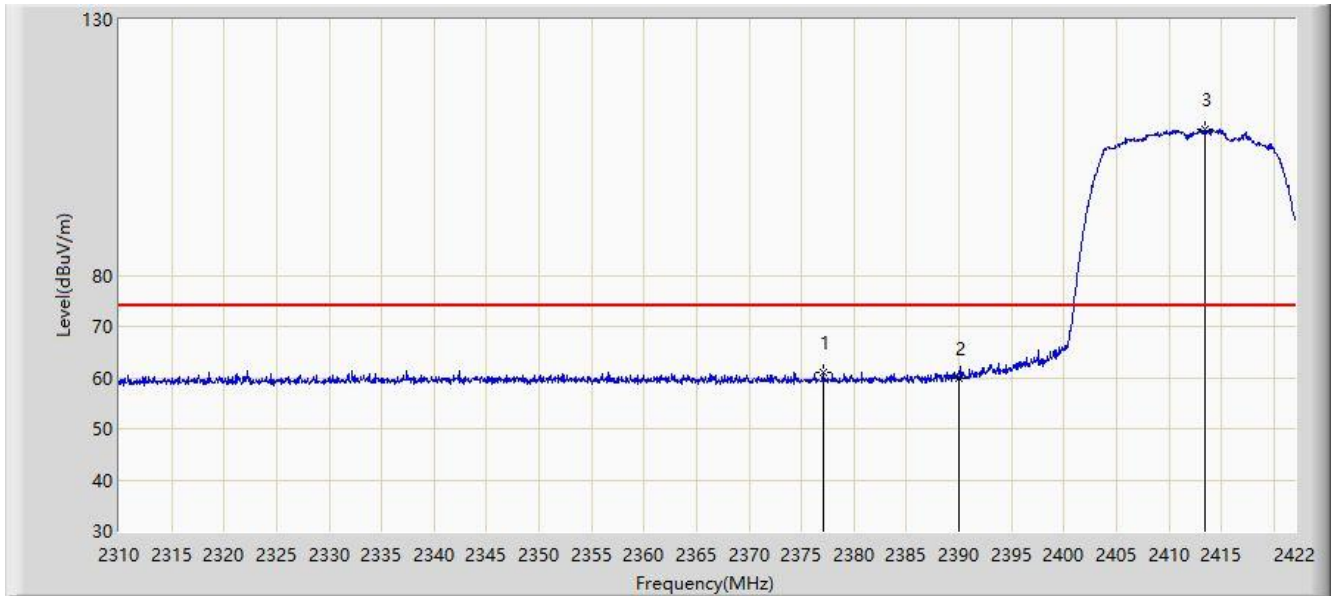


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		*	2453.590	100.049	69.167	N/A	N/A	30.882	AV
2			2483.500	53.069	22.180	-0.931	54.000	30.889	AV
3			2484.394	53.268	22.375	-0.732	54.000	30.893	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT20 at channel 2412MHz	

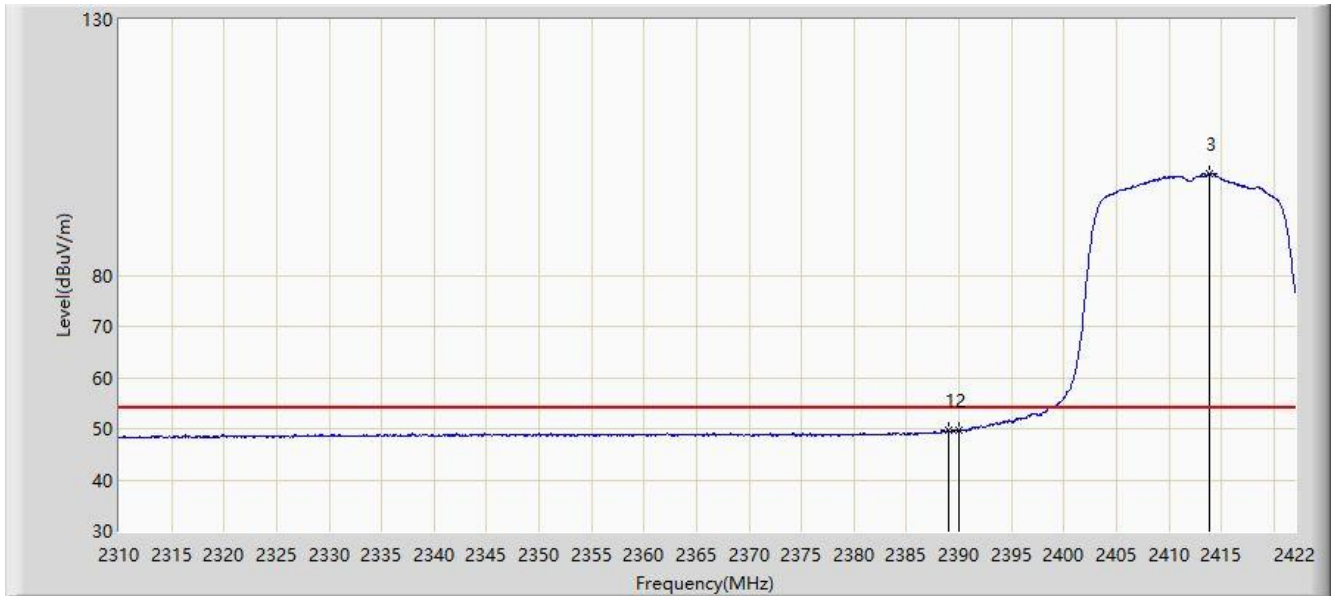


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2377.032	60.918	30.004	-13.082	74.000	30.914	PK
2			2390.000	59.921	29.018	-14.079	74.000	30.903	PK
3		*	2413.376	108.440	77.472	N/A	N/A	30.968	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT20 at channel 2412MHz	

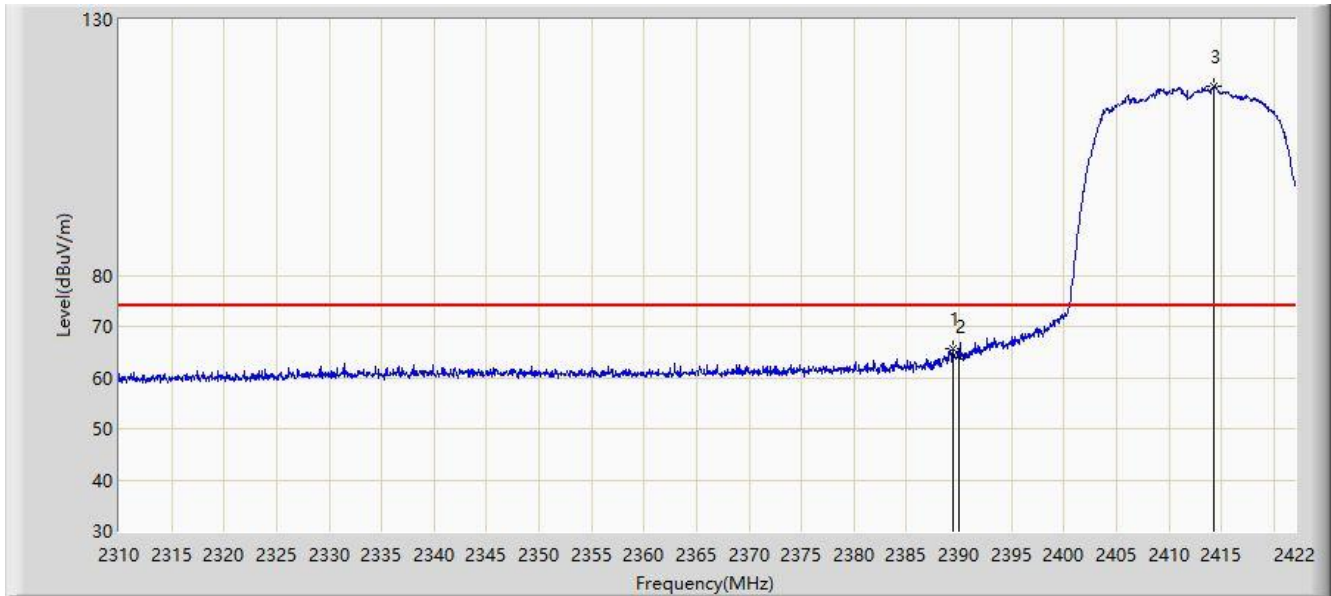


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2388.960	49.815	18.911	-4.185	54.000	30.904	AV
2			2390.000	49.567	18.664	-4.433	54.000	30.903	AV
3		*	2413.824	99.784	68.817	N/A	N/A	30.967	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT20 at channel 2412MHz	

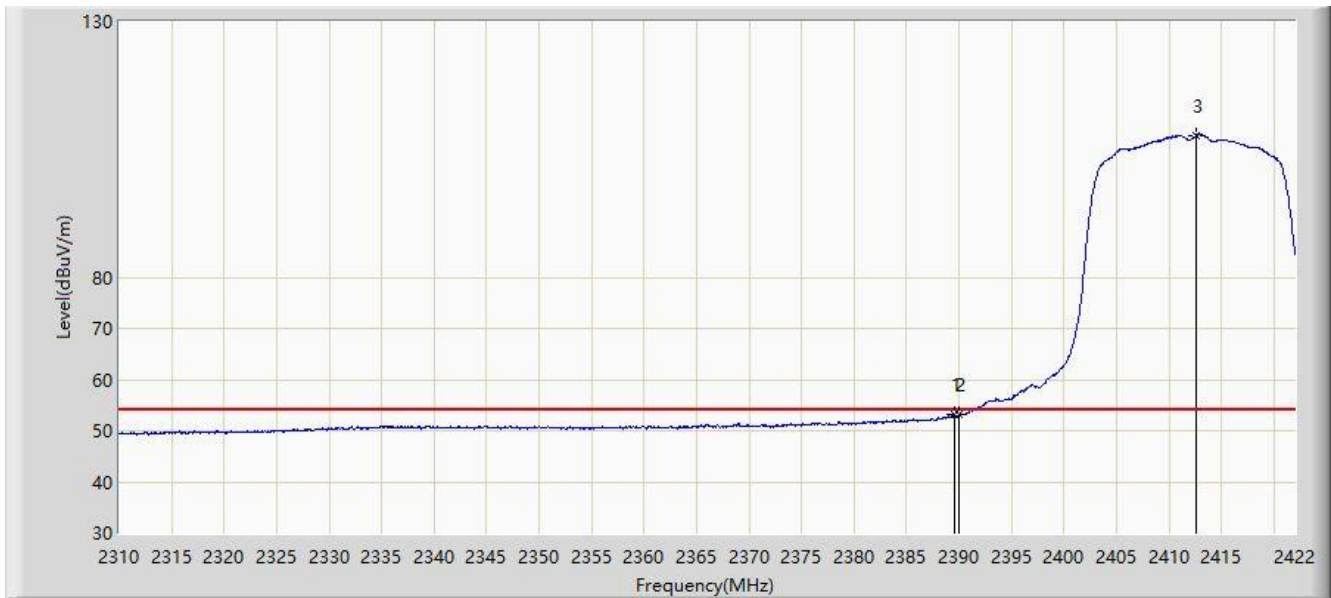


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2389.464	65.552	34.648	-8.448	74.000	30.903	PK
2			2390.000	64.263	33.360	-9.737	74.000	30.903	PK
3		*	2414.328	116.962	85.997	N/A	N/A	30.965	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT20 at channel 2412MHz	

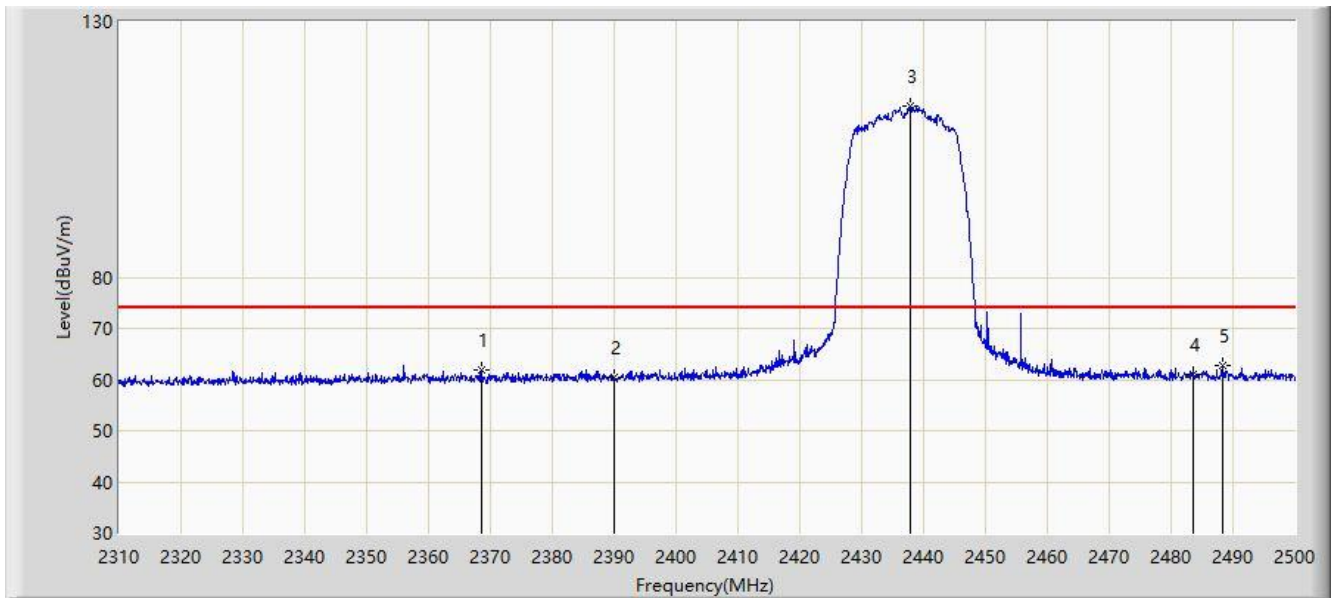


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2389.520	53.126	22.223	-0.874	54.000	30.903	AV
2			2390.000	53.275	22.372	-0.725	54.000	30.903	AV
3		*	2412.592	107.799	76.828	N/A	N/A	30.971	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT20 at channel 2437MHz	

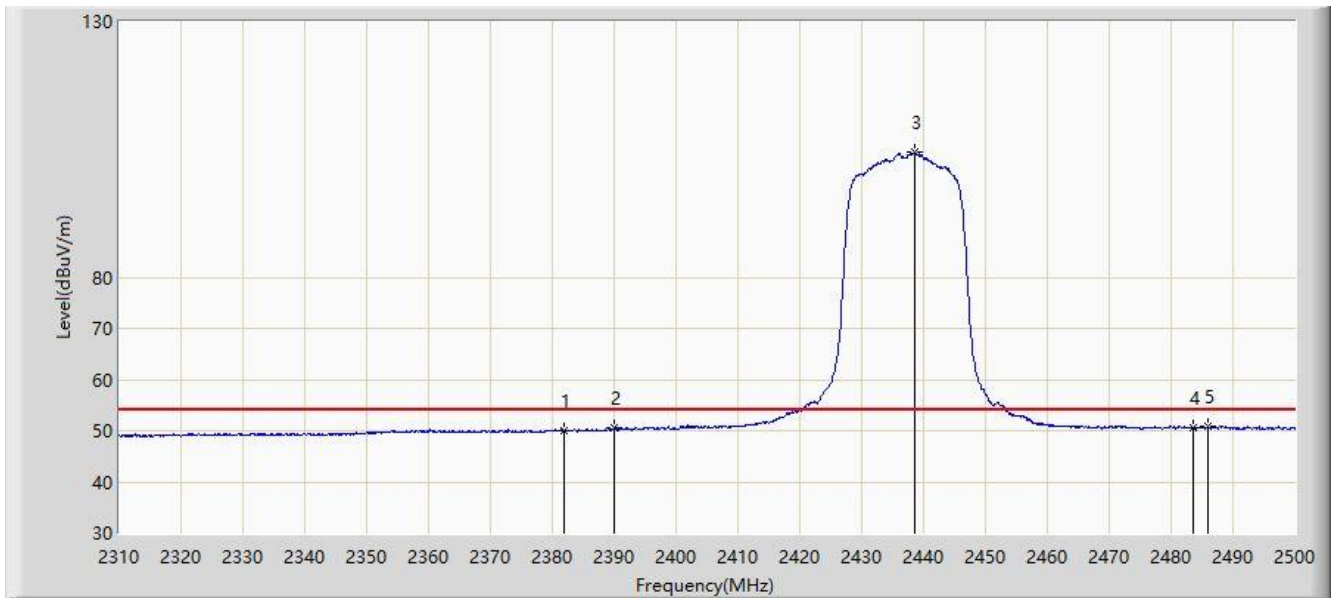


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2368.615	61.864	30.913	-12.136	74.000	30.951	PK
2			2390.000	60.399	29.496	-13.601	74.000	30.903	PK
3		*	2437.870	113.511	82.609	N/A	N/A	30.901	PK
4			2483.500	60.903	30.014	-13.097	74.000	30.889	PK
5			2488.220	62.622	31.710	-11.378	74.000	30.912	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT20 at channel 2437MHz	

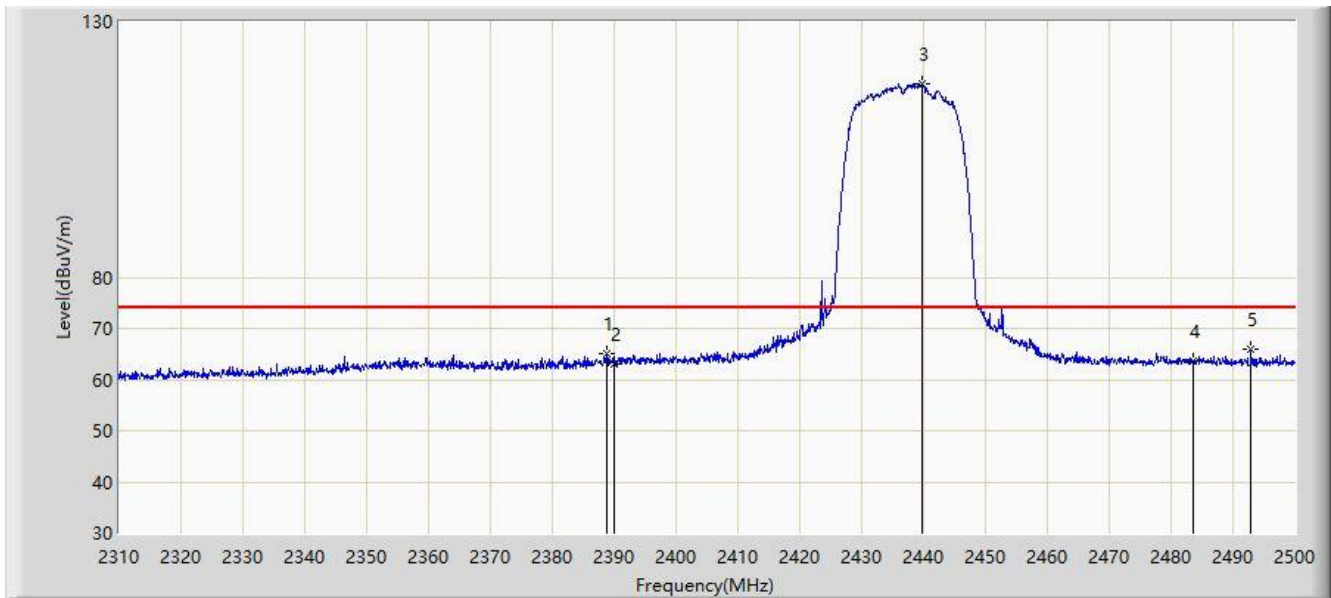


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2381.820	50.073	19.163	-3.927	54.000	30.910	AV
2			2390.000	50.533	19.630	-3.467	54.000	30.903	AV
3		*	2438.535	104.475	73.575	N/A	N/A	30.900	AV
4			2483.500	50.668	19.779	-3.332	54.000	30.889	AV
5			2485.845	50.730	19.829	-3.270	54.000	30.901	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT20 at channel 2437MHz	

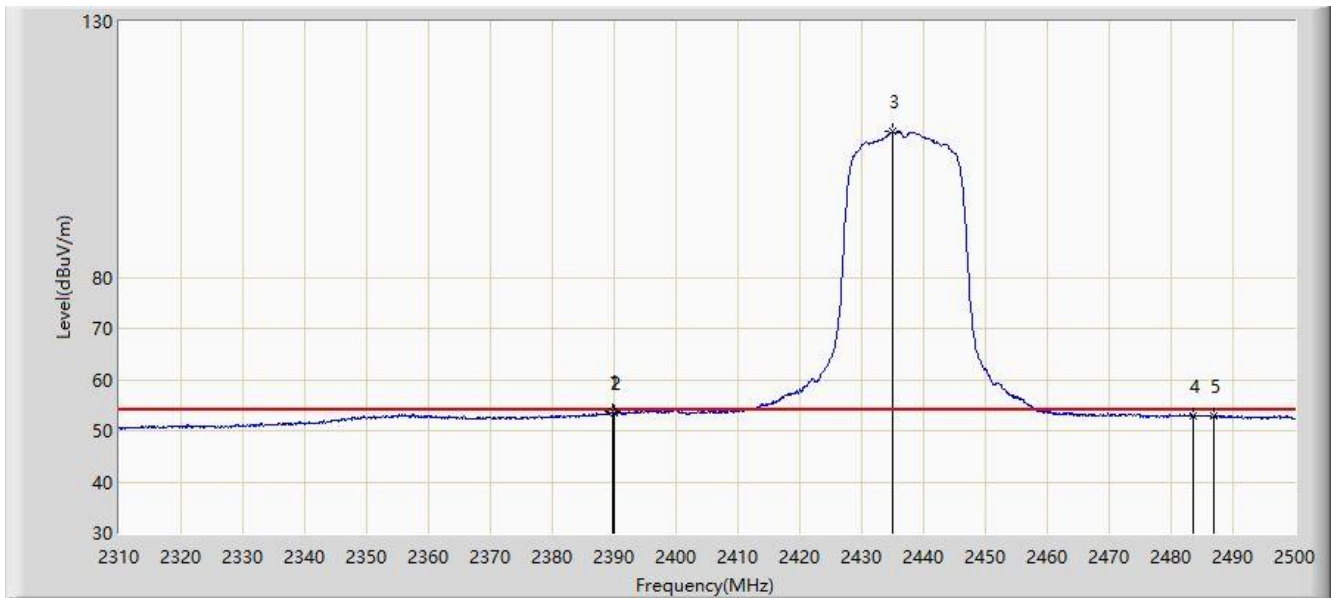


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2388.755	65.032	34.128	-8.968	74.000	30.904	PK
2			2390.000	63.031	32.128	-10.969	74.000	30.903	PK
3		*	2439.770	117.874	86.977	N/A	N/A	30.898	PK
4			2483.500	63.481	32.592	-10.519	74.000	30.889	PK
5			2492.970	66.049	35.113	-7.951	74.000	30.936	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT20 at channel 2437MHz	

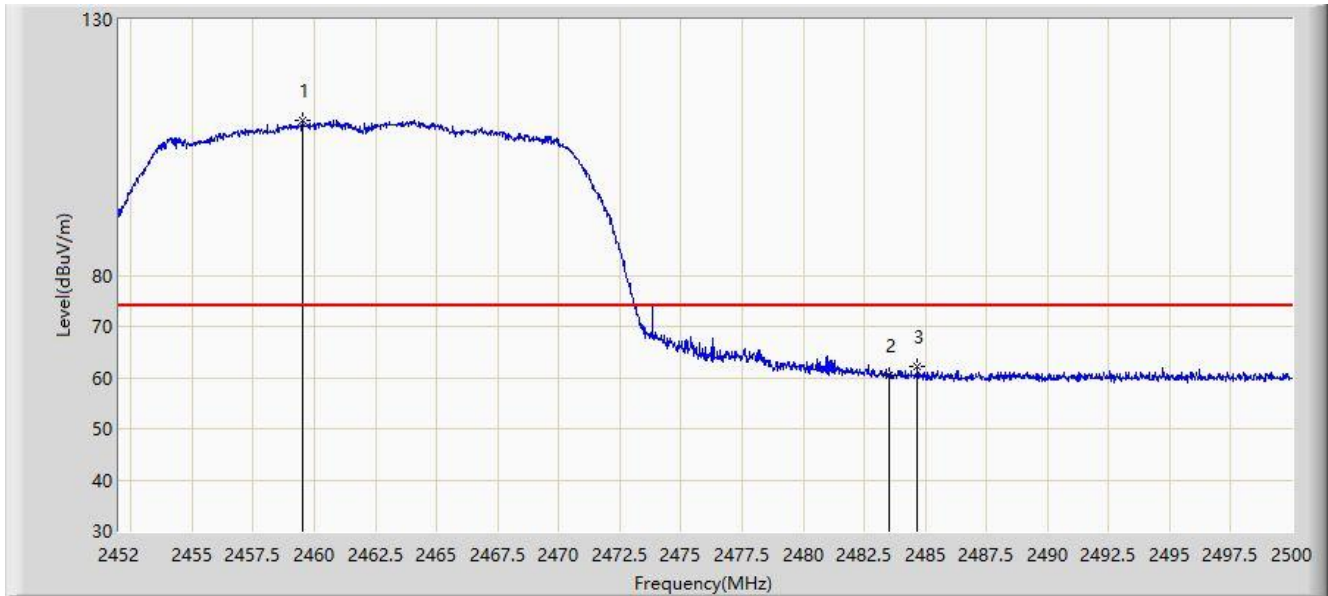


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2389.705	53.650	22.747	-0.350	54.000	30.904	AV
2			2390.000	53.580	22.677	-0.420	54.000	30.903	AV
3	X	*	2434.925	108.444	77.536	N/A	N/A	30.908	AV
4			2483.500	52.880	21.991	-1.120	54.000	30.889	AV
5			2486.890	52.851	21.945	-1.149	54.000	30.906	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT20 at channel 2462MHz	

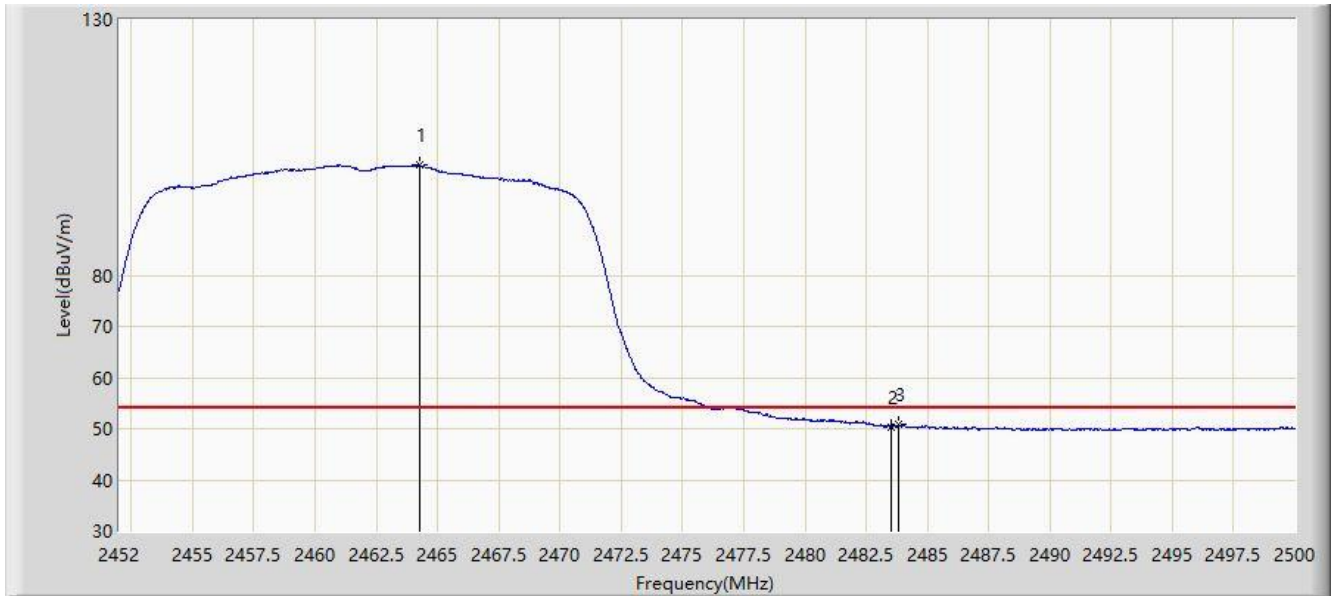


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		*	2459.512	110.205	79.325	N/A	N/A	30.879	PK
2			2483.500	60.538	29.649	-13.462	74.000	30.889	PK
3			2484.664	62.189	31.294	-11.811	74.000	30.895	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT20 at channel 2462MHz	

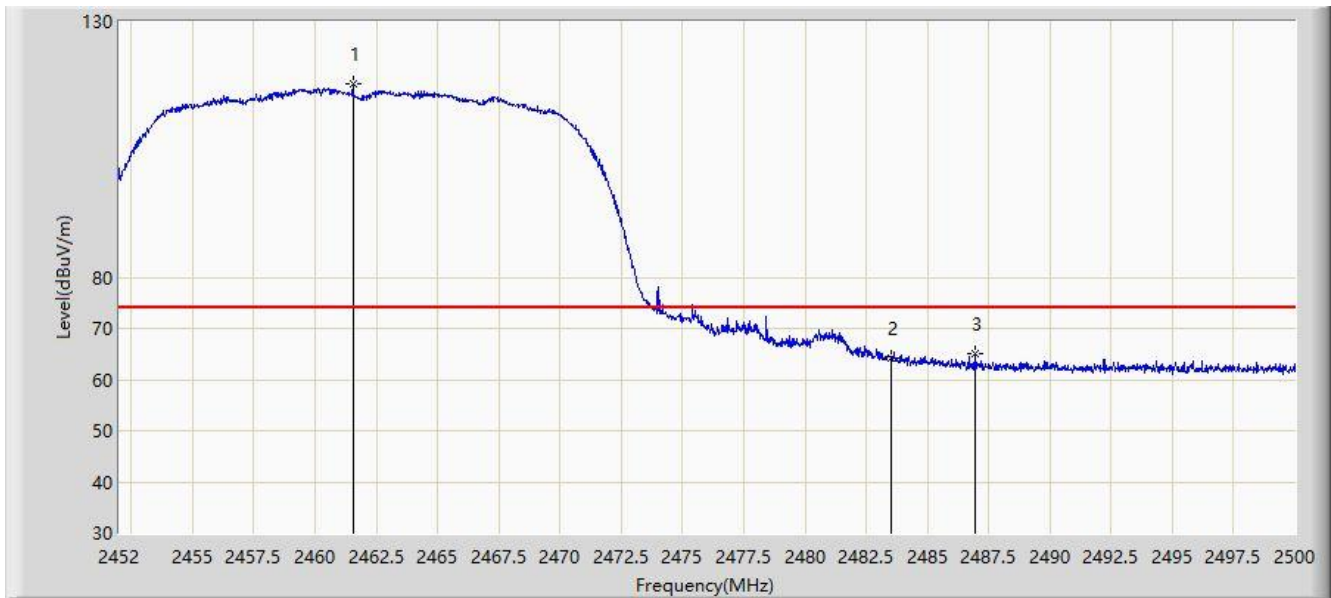


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		*	2464.264	101.548	70.671	N/A	N/A	30.877	AV
2			2483.500	50.428	19.539	-3.572	54.000	30.889	AV
3			2483.800	50.774	19.884	-3.226	54.000	30.890	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT20 at channel 2462MHz	

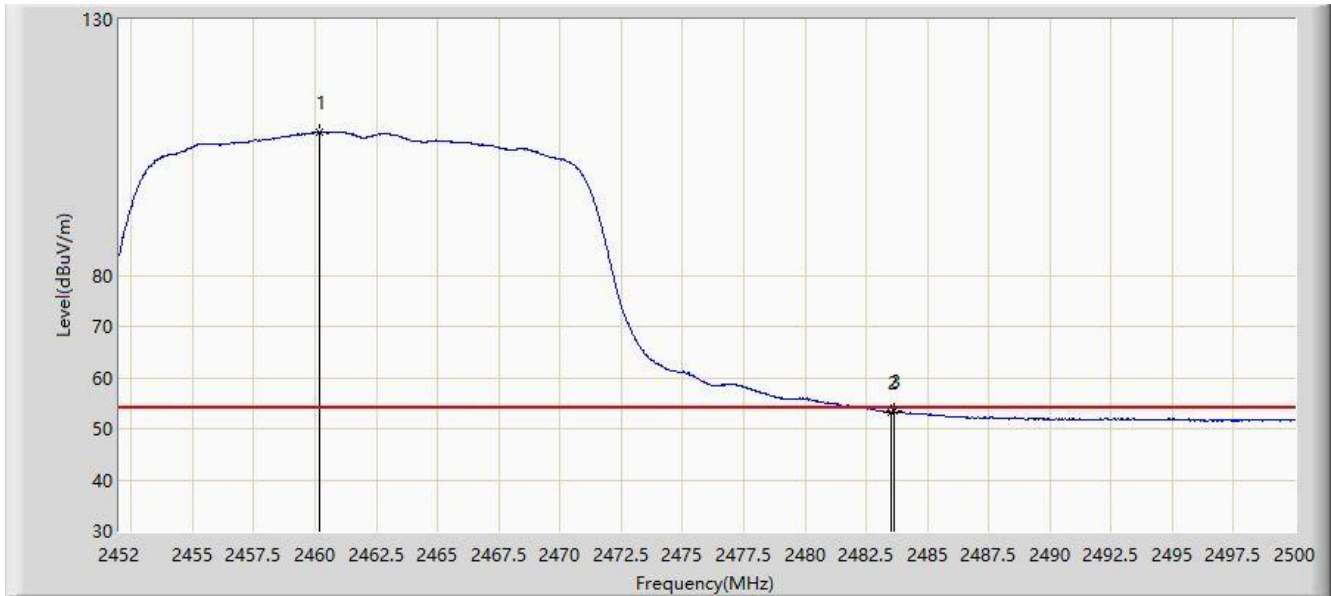


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		*	2461.552	117.970	87.091	N/A	N/A	30.878	PK
2			2483.500	64.288	33.399	-9.712	74.000	30.889	PK
3			2486.968	64.978	34.072	-9.022	74.000	30.906	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT20 at channel 2462MHz	

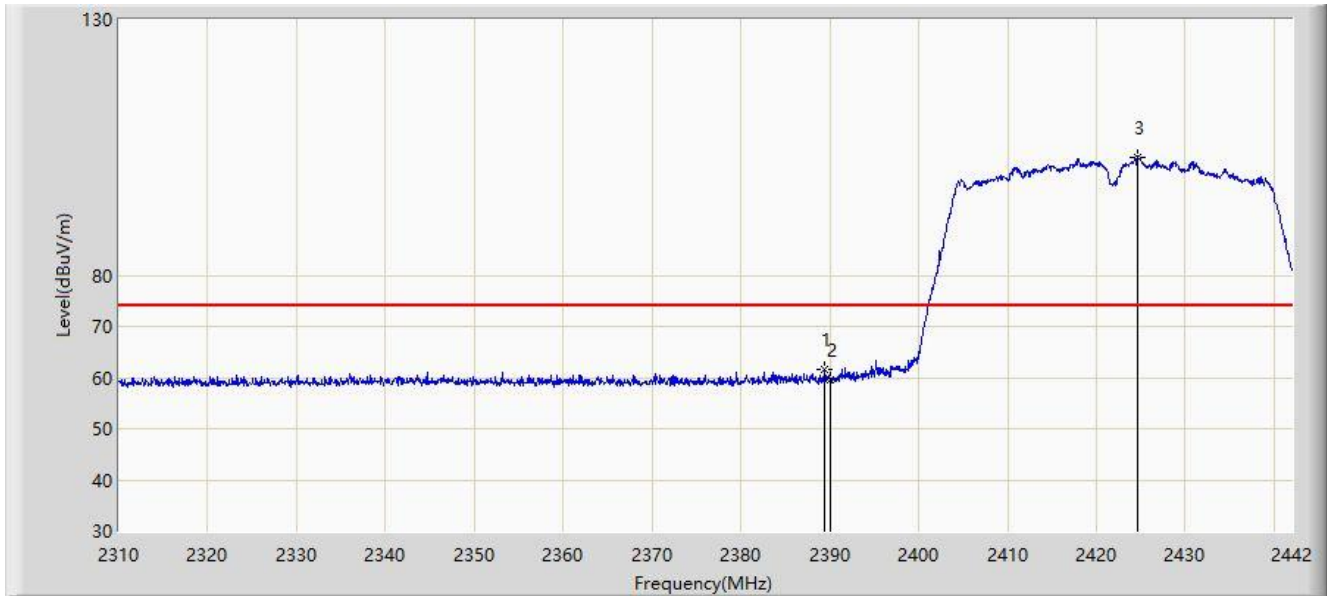


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	X	*	2460.208	108.108	77.229	N/A	N/A	30.879	AV
2			2483.500	53.223	22.334	-0.777	54.000	30.889	AV
3			2483.656	53.410	22.520	-0.590	54.000	30.890	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT40 at channel 2422MHz	

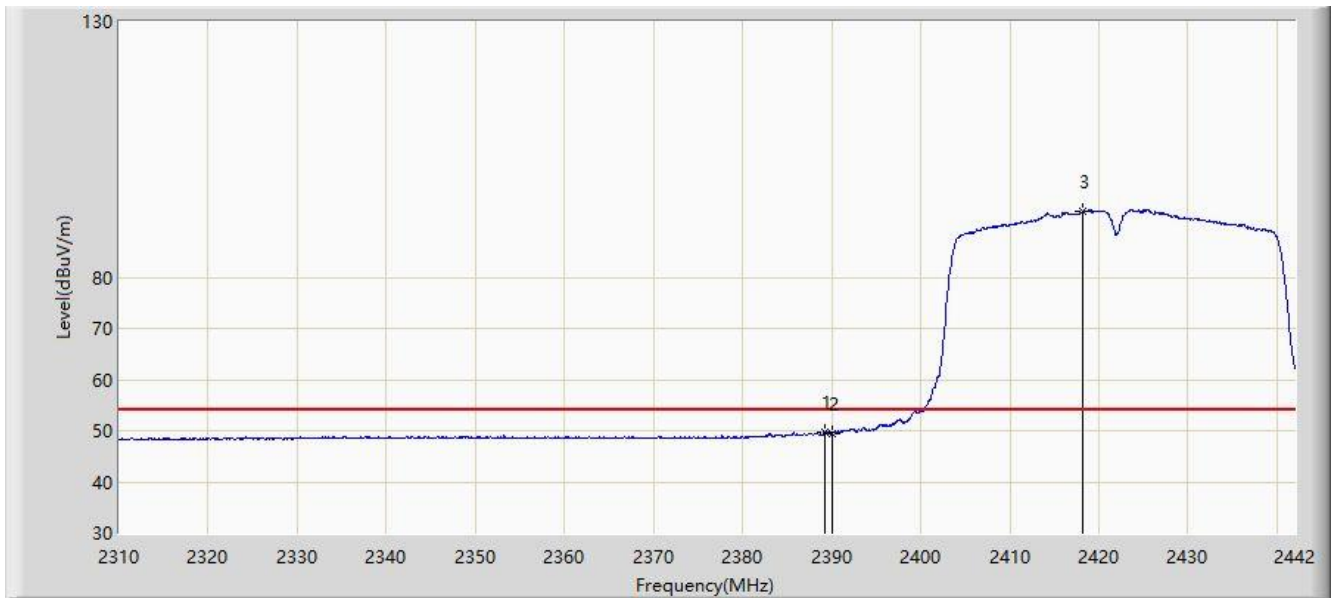


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2389.464	61.525	30.621	-12.475	74.000	30.903	PK
2			2390.000	59.619	28.716	-14.381	74.000	30.903	PK
3		*	2424.576	103.165	72.231	N/A	N/A	30.934	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT40 at channel 2422MHz	

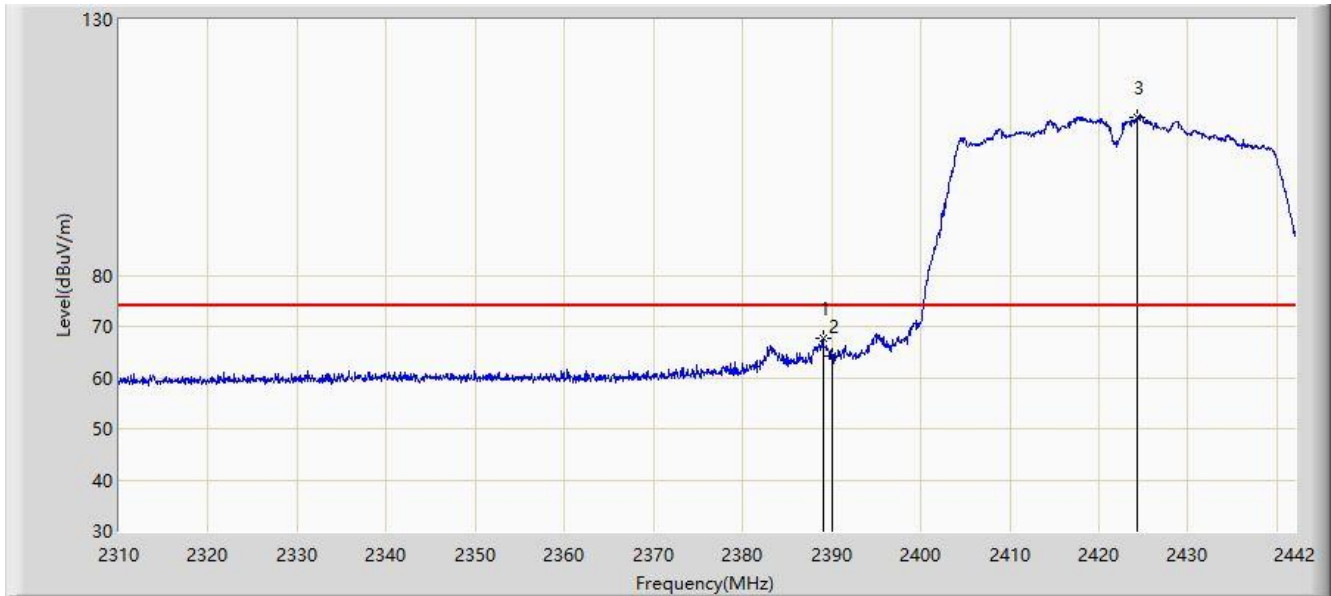


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2389.200	49.715	18.811	-4.285	54.000	30.904	AV
2			2390.000	49.501	18.598	-4.499	54.000	30.903	AV
3		*	2418.240	92.919	61.966	N/A	N/A	30.954	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT40 at channel 2422MHz	

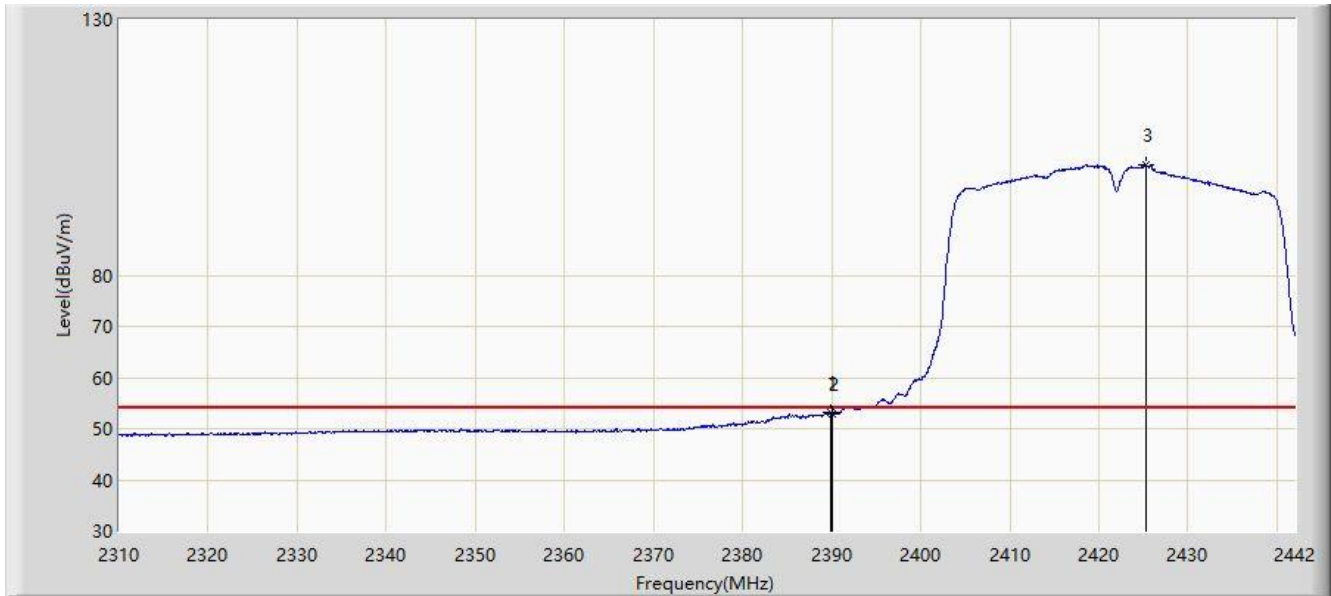


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2389.002	67.576	36.672	-6.424	74.000	30.904	PK
2			2390.000	64.205	33.302	-9.795	74.000	30.903	PK
3		*	2424.378	110.958	80.023	N/A	N/A	30.935	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT40 at channel 2422MHz	

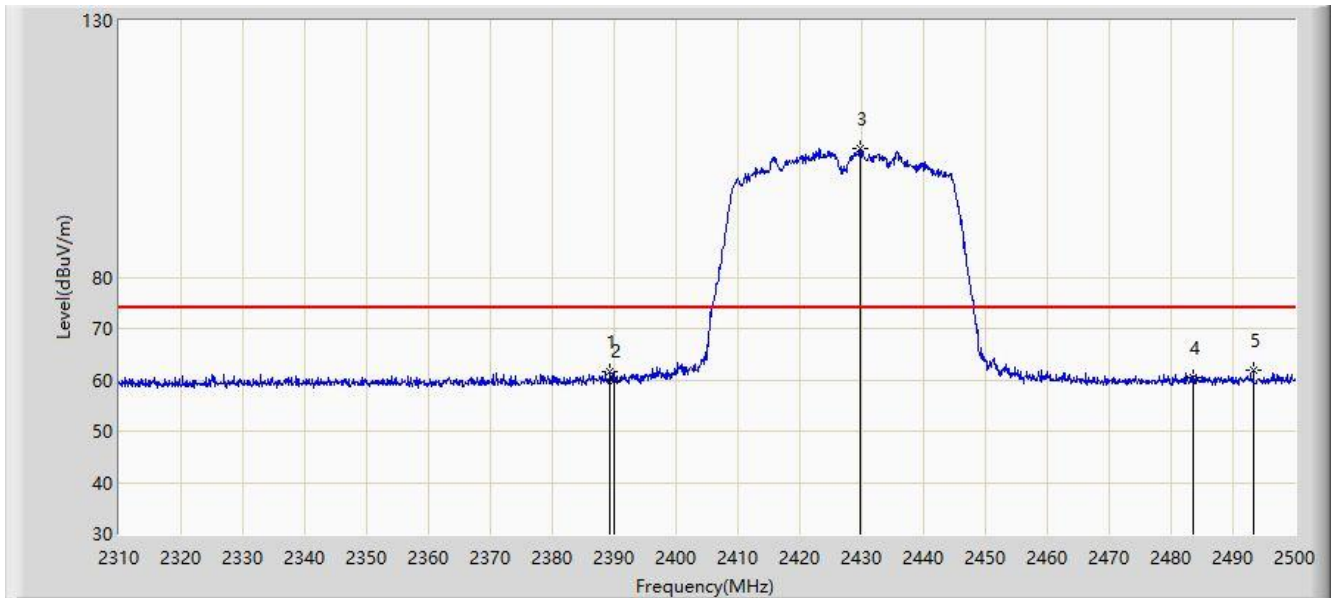


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2389.860	53.214	22.311	-0.786	54.000	30.903	AV
2			2390.000	53.015	22.112	-0.985	54.000	30.903	AV
3		*	2425.302	101.655	70.723	N/A	N/A	30.932	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT40 at channel 2427MHz	

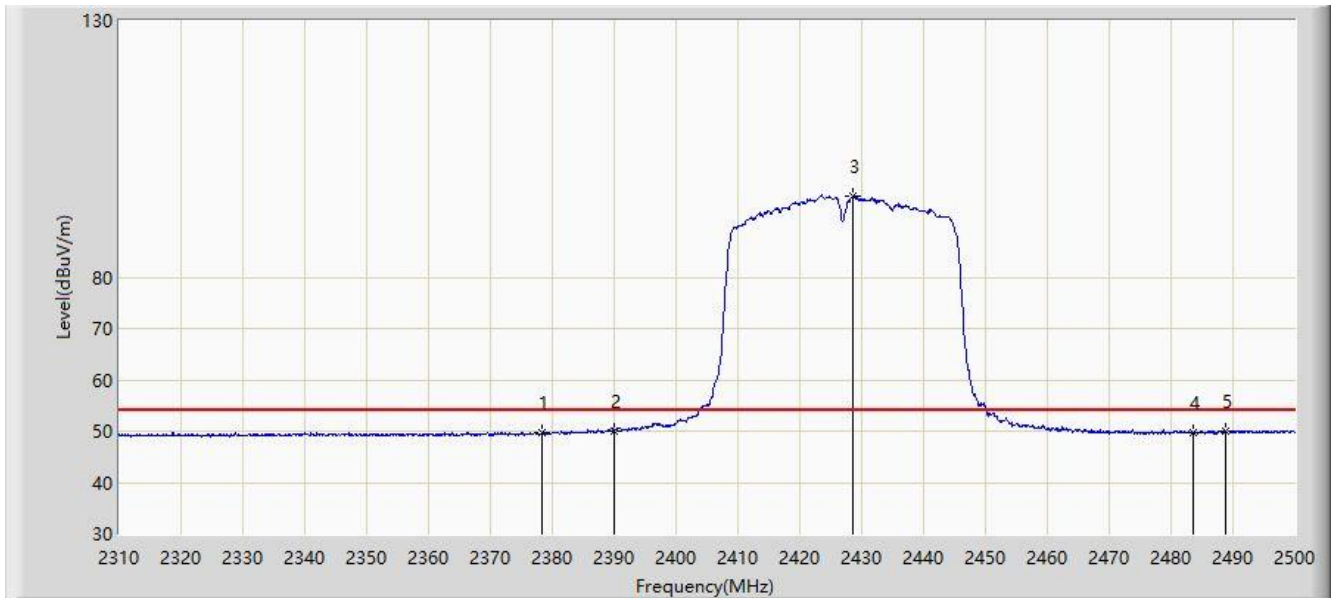


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2389.325	61.578	30.674	-12.422	74.000	30.904	PK
2			2390.000	59.835	28.932	-14.165	74.000	30.903	PK
3		*	2429.795	105.002	74.082	N/A	N/A	30.920	PK
4			2483.500	60.561	29.672	-13.439	74.000	30.889	PK
5			2493.350	61.767	30.829	-12.233	74.000	30.938	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT40 at channel 2427MHz	

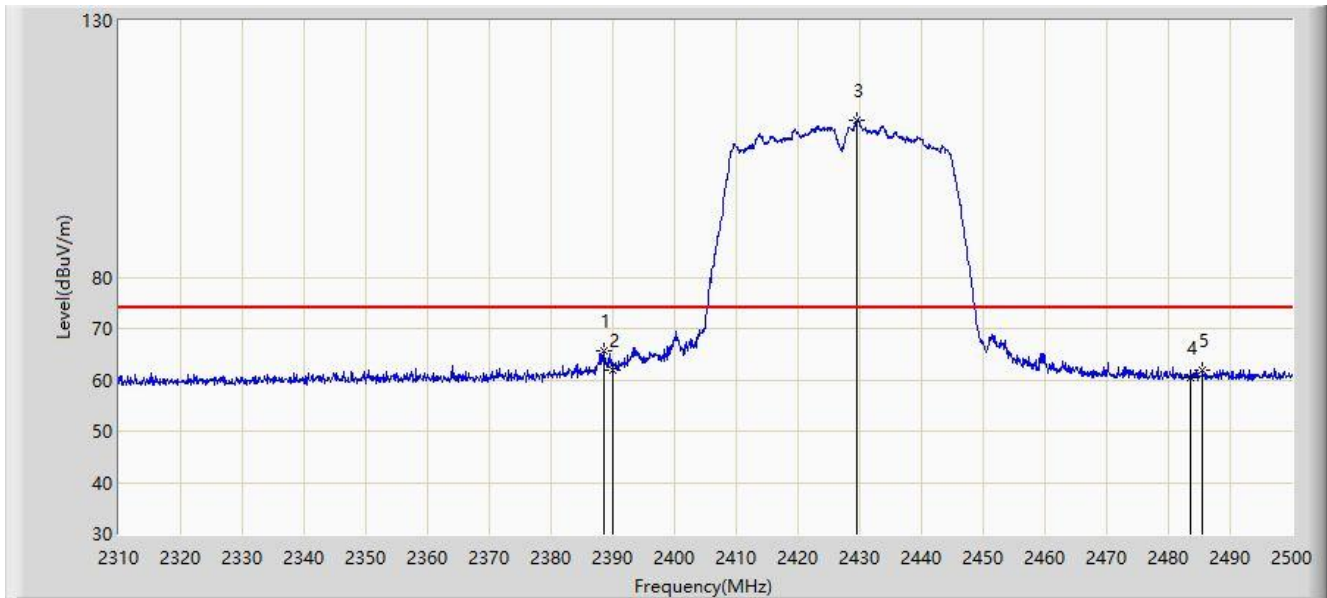


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2378.305	49.834	18.921	-4.166	54.000	30.913	AV
2			2390.000	50.133	19.230	-3.867	54.000	30.903	AV
3		*	2428.655	95.688	64.766	N/A	N/A	30.922	AV
4			2483.500	49.648	18.759	-4.352	54.000	30.889	AV
5			2488.885	50.090	19.174	-3.910	54.000	30.916	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT40 at channel 2427MHz	

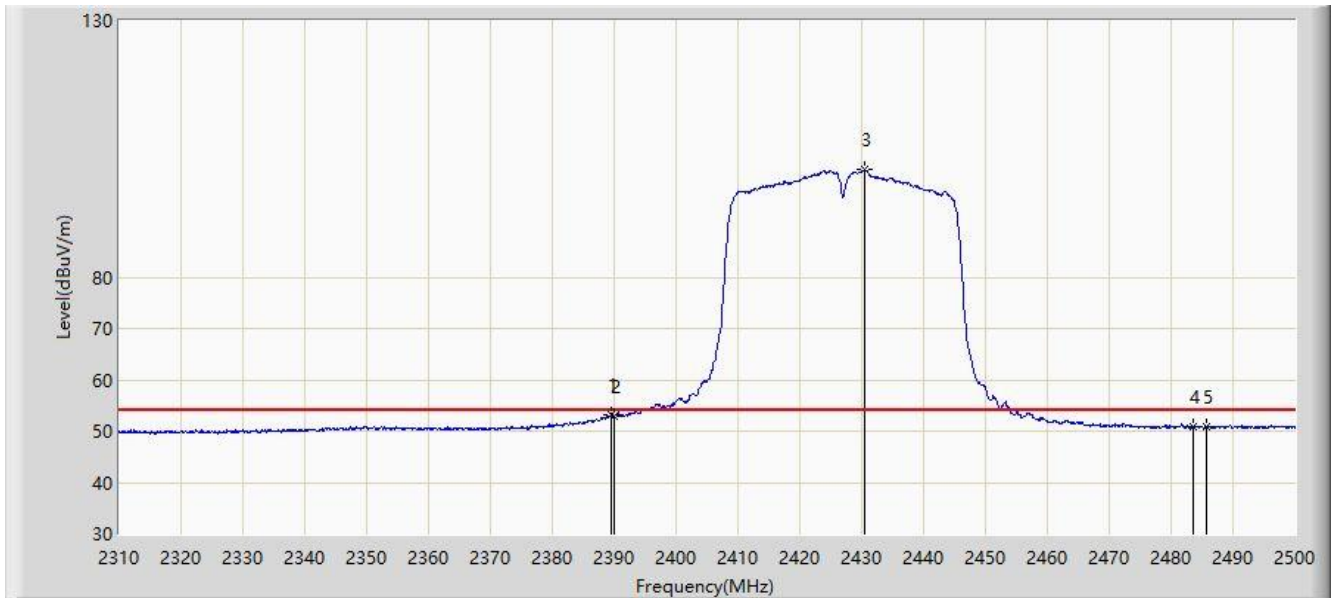


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2388.565	65.640	34.736	-8.360	74.000	30.904	PK
2			2390.000	61.833	30.930	-12.167	74.000	30.903	PK
3		*	2429.605	110.612	79.692	N/A	N/A	30.920	PK
4			2483.500	60.469	29.580	-13.531	74.000	30.889	PK
5			2485.560	62.001	31.102	-11.999	74.000	30.899	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT40 at channel 2427MHz	

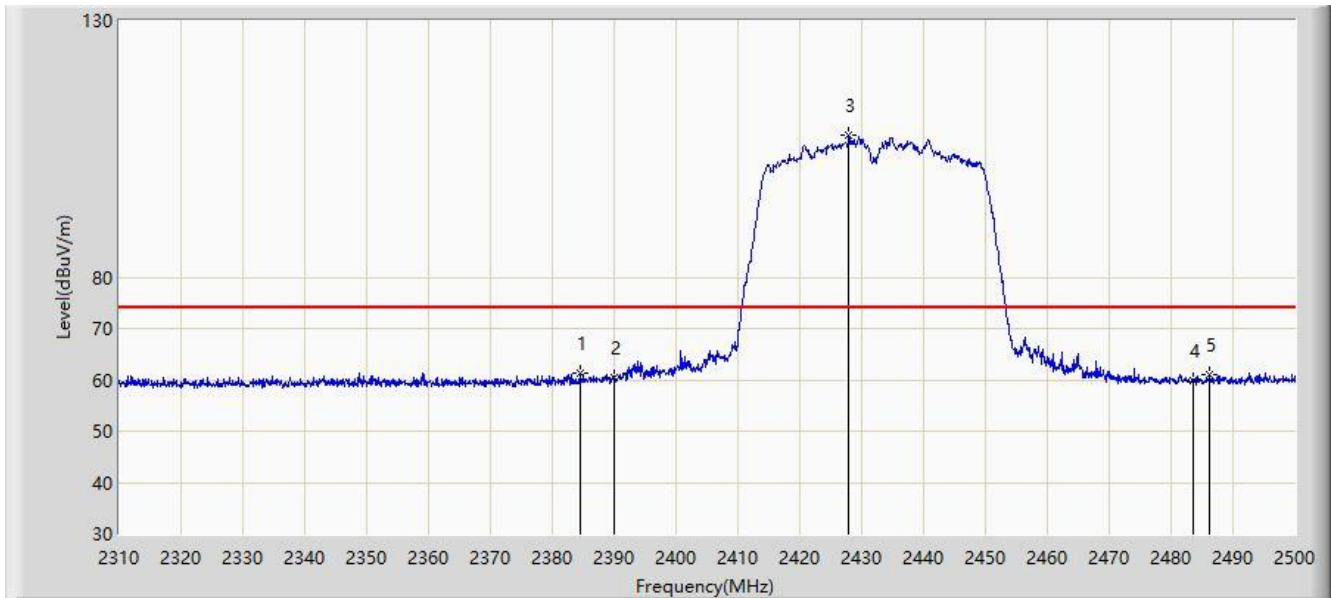


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2389.420	53.072	22.168	-0.928	54.000	30.903	AV
2			2390.000	52.890	21.987	-1.110	54.000	30.903	AV
3		*	2430.555	100.969	70.051	N/A	N/A	30.918	AV
4			2483.500	50.727	19.838	-3.273	54.000	30.889	AV
5			2485.750	50.998	20.098	-3.002	54.000	30.900	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT40 at channel 2432MHz	

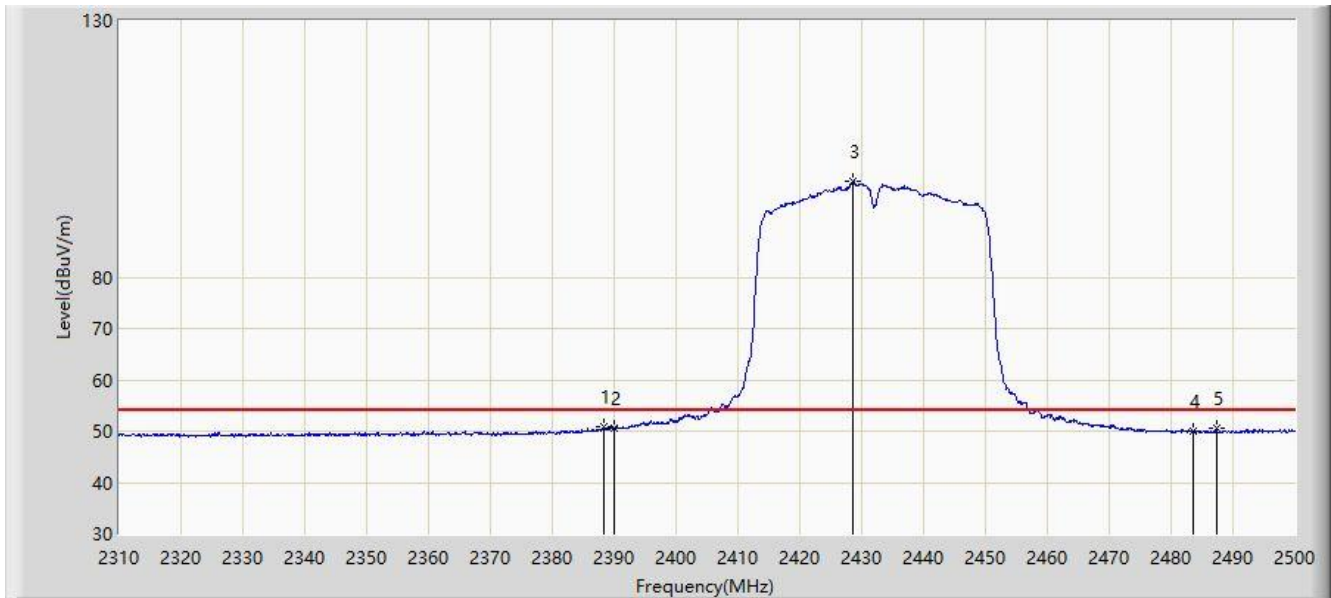


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2384.480	61.224	30.316	-12.776	74.000	30.908	PK
2			2390.000	60.549	29.646	-13.451	74.000	30.903	PK
3		*	2427.895	107.546	76.622	N/A	N/A	30.924	PK
4			2483.500	59.865	28.976	-14.135	74.000	30.889	PK
5			2486.225	60.942	30.040	-13.058	74.000	30.902	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT40 at channel 2432MHz	

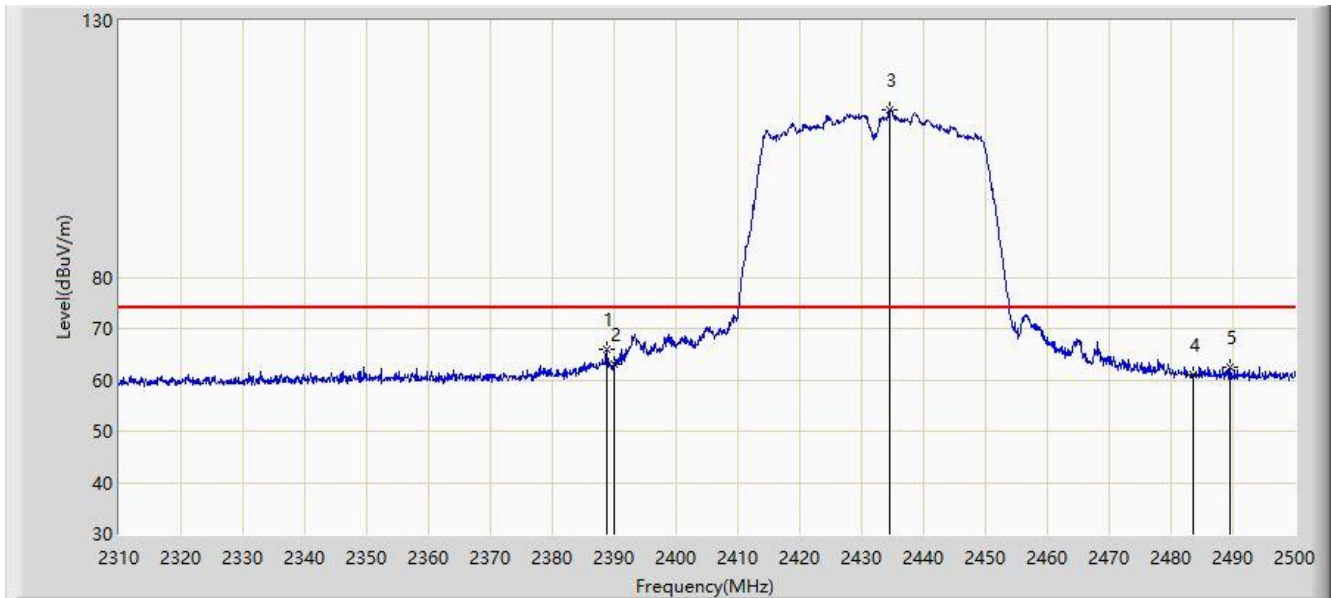


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2388.280	50.775	19.870	-3.225	54.000	30.905	AV
2			2390.000	50.594	19.691	-3.406	54.000	30.903	AV
3		*	2428.465	98.640	67.717	N/A	N/A	30.922	AV
4			2483.500	49.873	18.984	-4.127	54.000	30.889	AV
5			2487.270	50.474	19.566	-3.526	54.000	30.908	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT40 at channel 2432MHz	

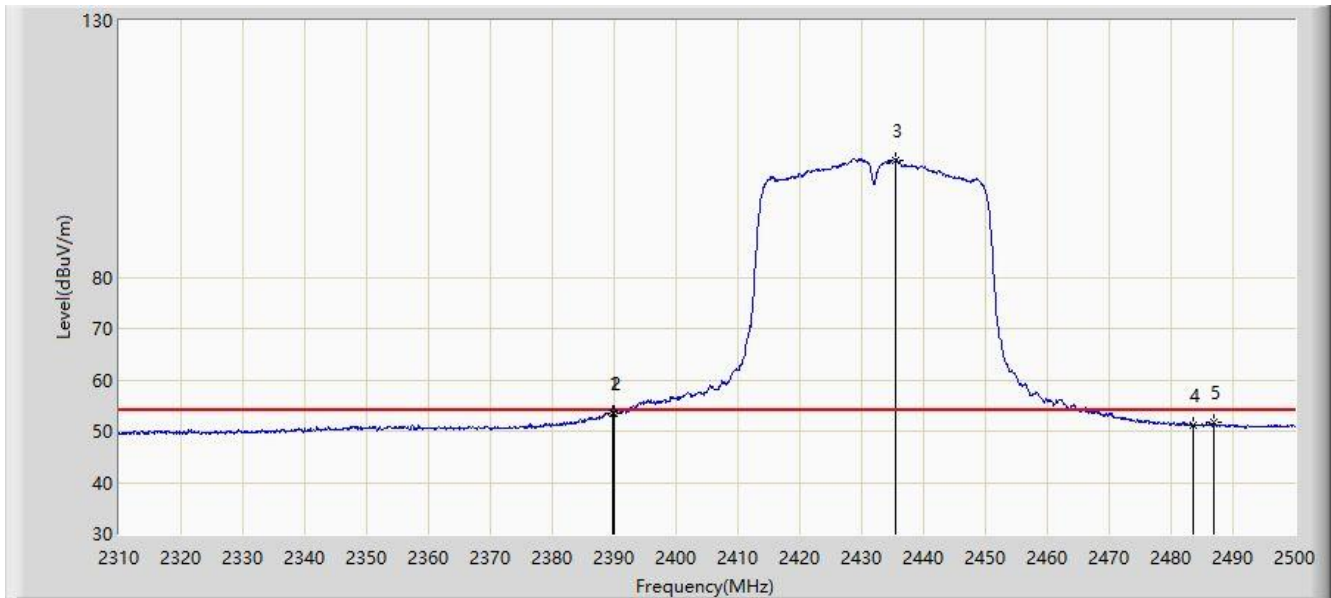


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2388.755	65.826	34.922	-8.174	74.000	30.904	PK
2			2390.000	63.171	32.268	-10.829	74.000	30.903	PK
3		*	2434.640	112.659	81.750	N/A	N/A	30.908	PK
4			2483.500	61.094	30.205	-12.906	74.000	30.889	PK
5			2489.455	62.463	31.544	-11.537	74.000	30.919	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT40 at channel 2432MHz	

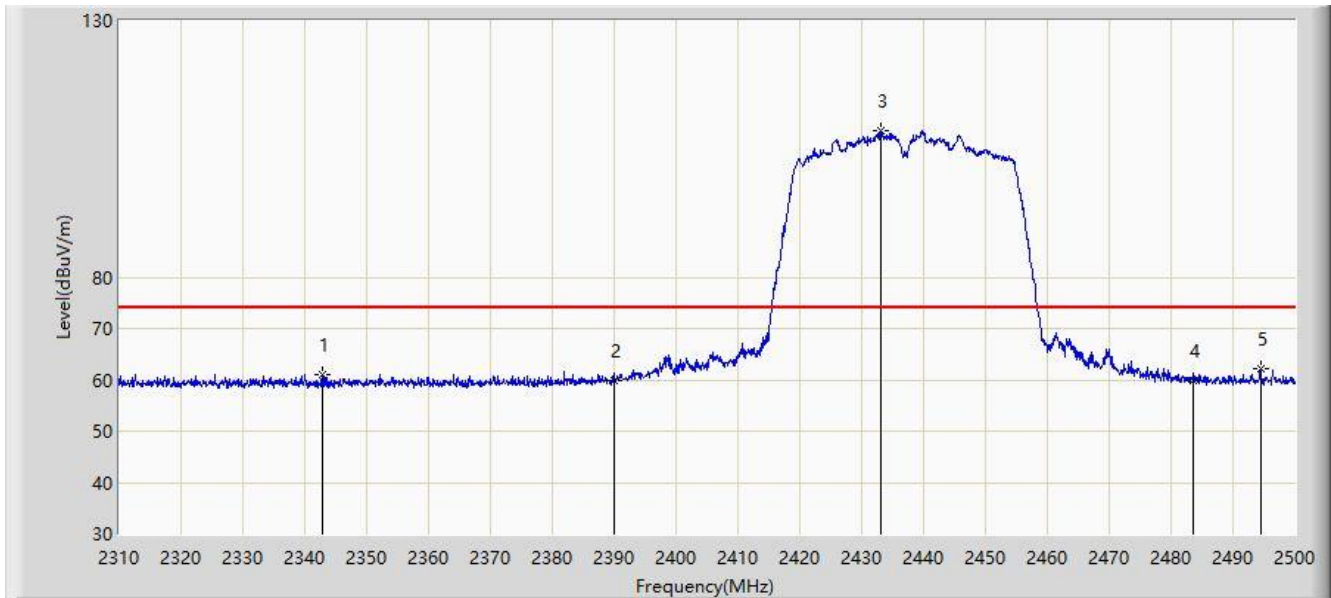


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2389.800	53.618	22.715	-0.382	54.000	30.903	AV
2			2390.000	53.450	22.547	-0.550	54.000	30.903	AV
3		*	2435.495	102.868	71.961	N/A	N/A	30.907	AV
4			2483.500	51.148	20.259	-2.852	54.000	30.889	AV
5			2486.985	51.860	20.954	-2.140	54.000	30.906	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT40 at channel 2437MHz	

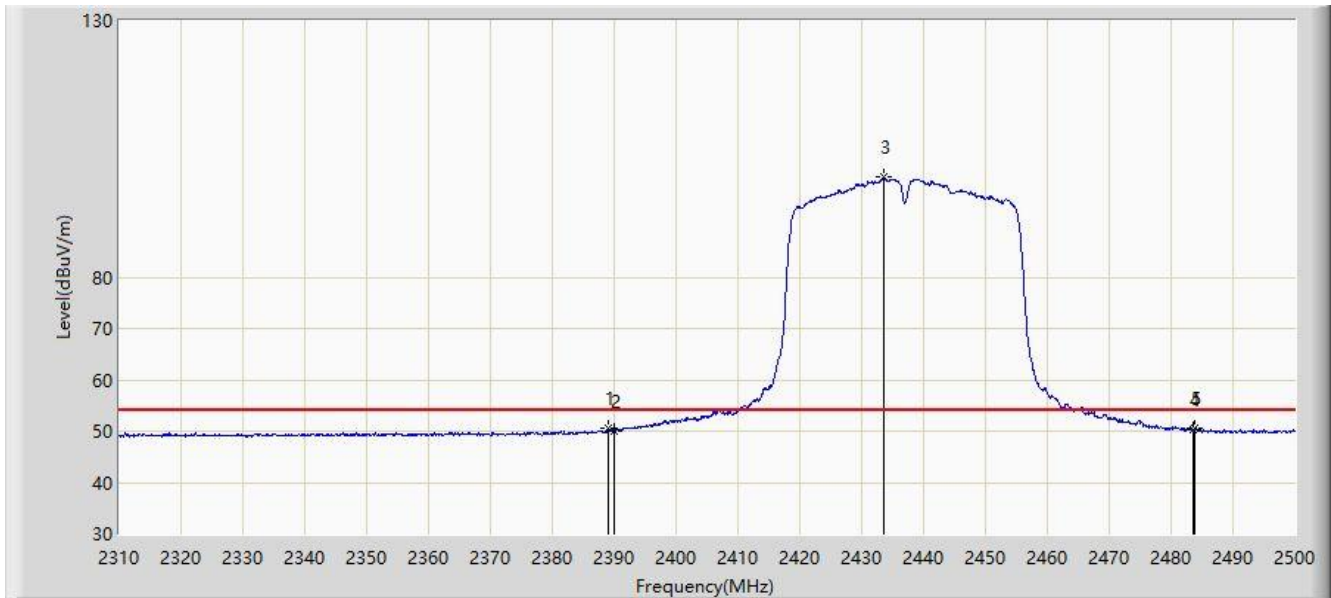


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2342.775	61.079	29.891	-12.921	74.000	31.188	PK
2			2390.000	59.835	28.932	-14.165	74.000	30.903	PK
3		*	2433.025	108.577	77.665	N/A	N/A	30.912	PK
4			2483.500	59.784	28.895	-14.216	74.000	30.889	PK
5			2494.490	62.112	31.168	-11.888	74.000	30.944	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT40 at channel 2437MHz	

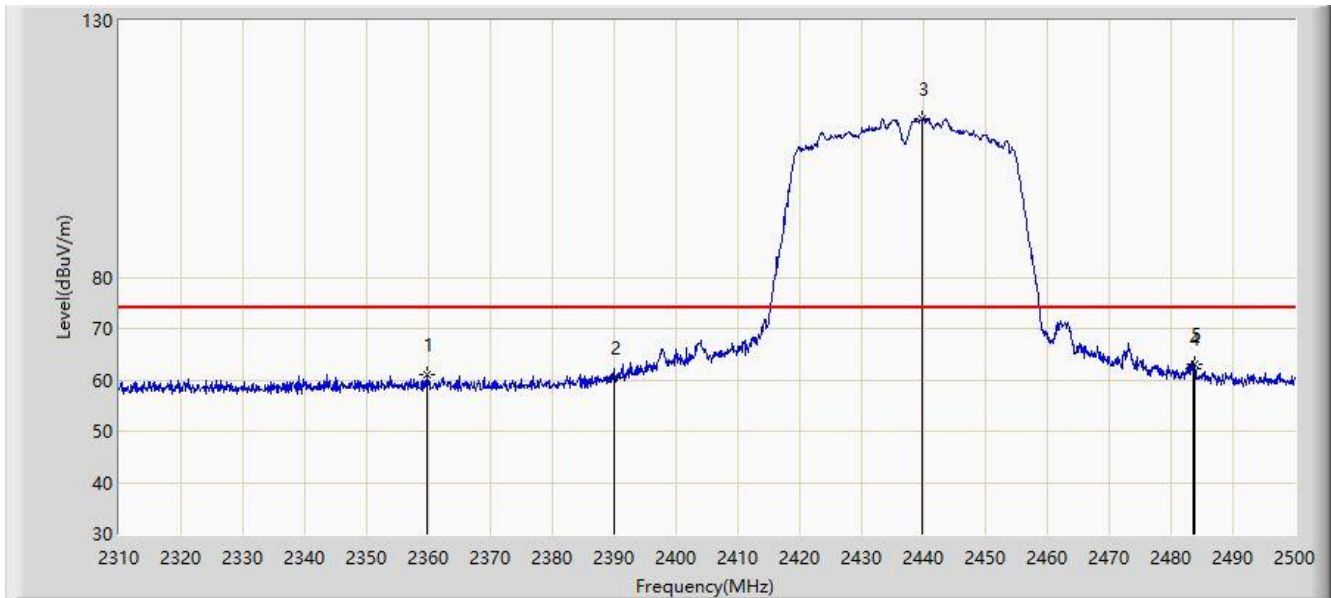


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2389.040	50.435	19.531	-3.565	54.000	30.904	AV
2			2390.000	50.095	19.192	-3.905	54.000	30.903	AV
3		*	2433.595	99.553	68.642	N/A	N/A	30.911	AV
4			2483.500	50.146	19.257	-3.854	54.000	30.889	AV
5			2483.850	50.560	19.669	-3.440	54.000	30.891	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT40 at channel 2437MHz	

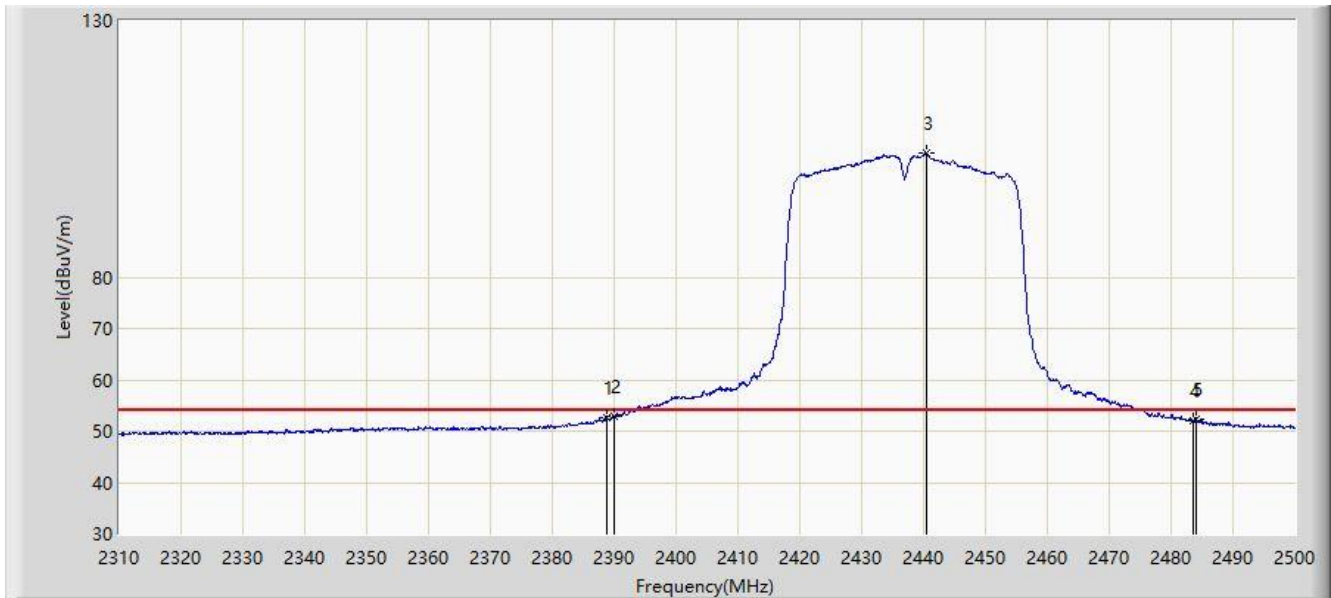


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1			2359.875	61.031	30.041	-12.969	74.000	30.989	PK
2			2390.000	60.466	29.563	-13.534	74.000	30.903	PK
3		*	2439.865	110.905	80.008	N/A	N/A	30.898	PK
4			2483.500	62.063	31.174	-11.937	74.000	30.889	PK
5			2483.755	63.146	32.256	-10.854	74.000	30.890	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/25
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT40 at channel 2437MHz	

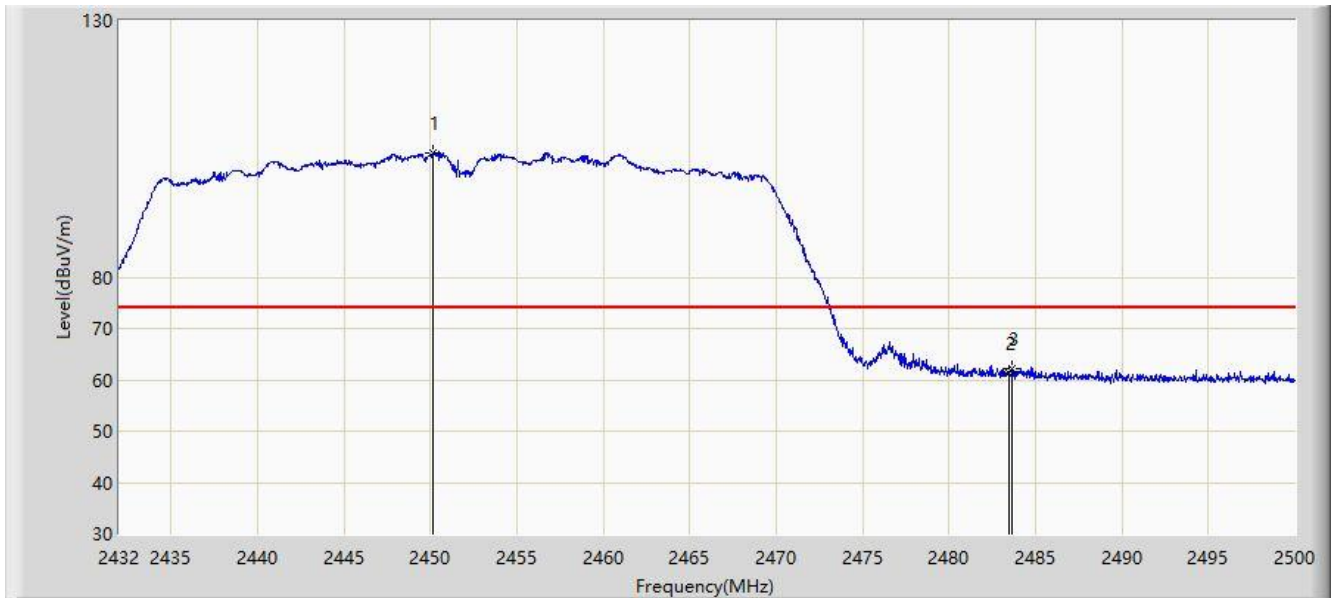


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			2388.755	52.627	21.723	-1.373	54.000	30.904	AV
2			2390.000	52.893	21.990	-1.107	54.000	30.903	AV
3		*	2440.530	104.189	73.293	N/A	N/A	30.896	AV
4			2483.500	52.059	21.170	-1.941	54.000	30.889	AV
5			2483.945	52.255	21.364	-1.745	54.000	30.891	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT40 at channel 2452MHz	

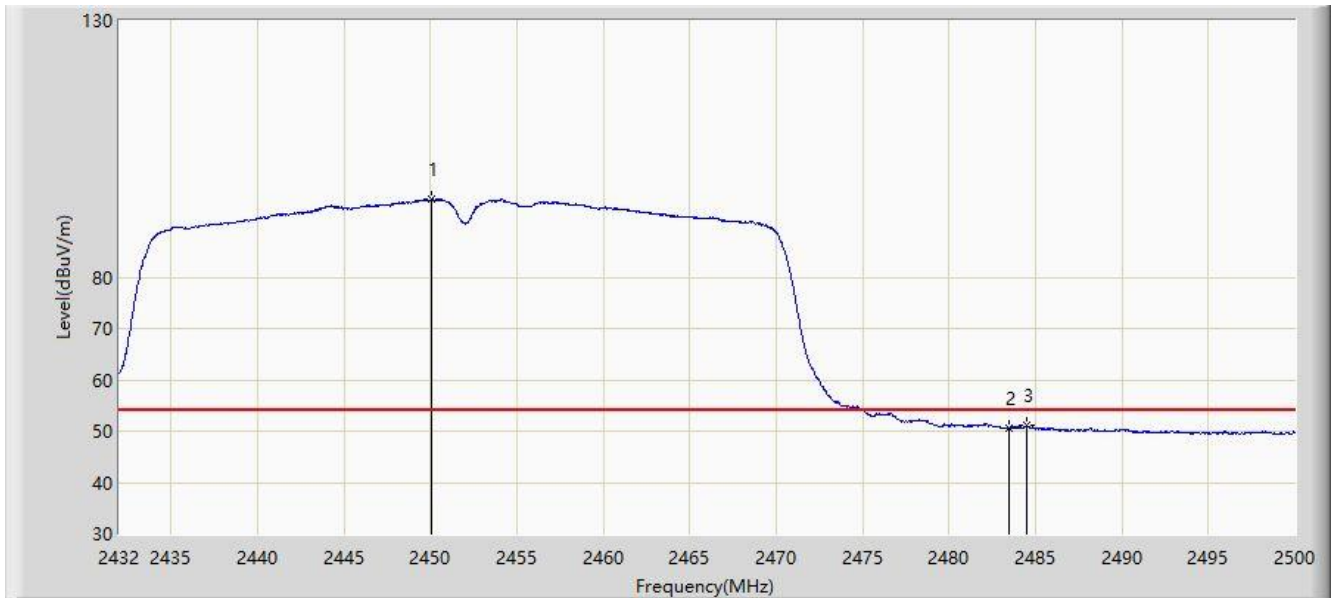


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		*	2450.156	104.196	73.312	N/A	N/A	30.884	PK
2			2483.500	61.167	30.278	-12.833	74.000	30.889	PK
3			2483.680	62.316	31.426	-11.684	74.000	30.890	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Horizontal
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT40 at channel 2452MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		*	2450.088	95.090	64.206	N/A	N/A	30.884	AV
2			2483.500	50.646	19.757	-3.354	54.000	30.889	AV
3			2484.496	51.090	20.196	-2.910	54.000	30.894	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT40 at channel 2452MHz	

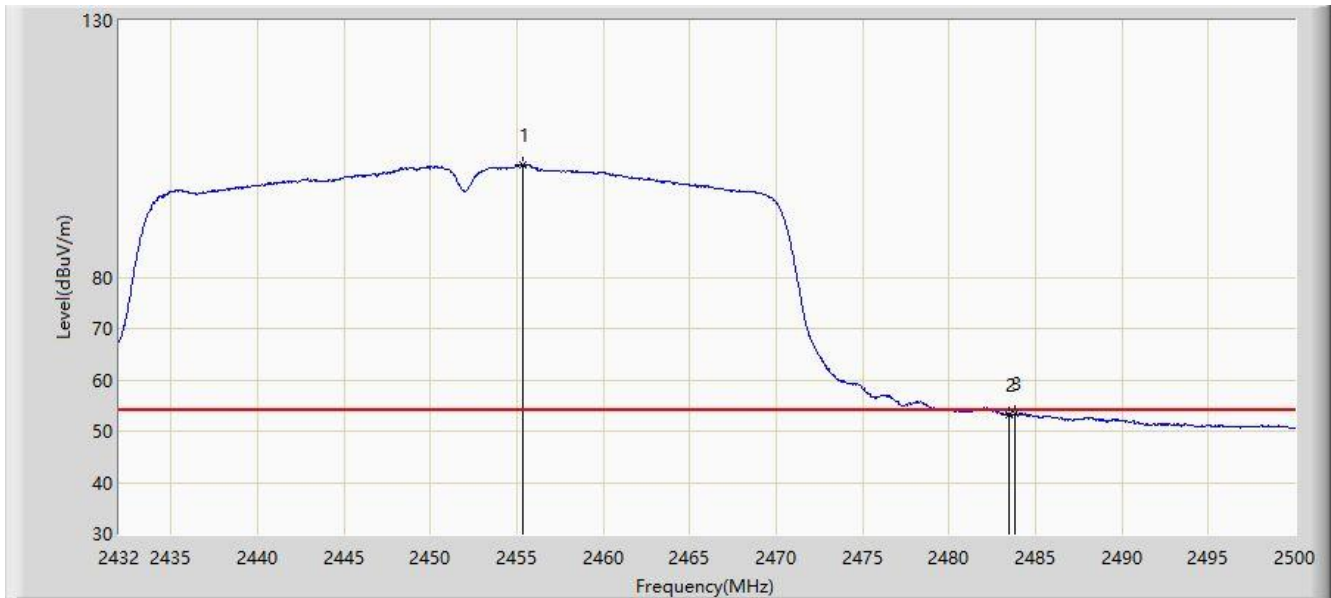


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		*	2454.474	111.228	80.346	N/A	N/A	30.881	PK
2			2483.500	65.175	34.286	-8.825	74.000	30.889	PK
3			2484.394	66.676	35.783	-7.324	74.000	30.893	PK

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

Site: NS-AC1	Test Date: 2021/08/23
Limit: FCC_Part15.209_RE(3m)	Engineer: Dillon Diao
Probe: NS-AC1_BBHA9120D	Polarity: Vertical
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by VHT40 at channel 2452MHz	



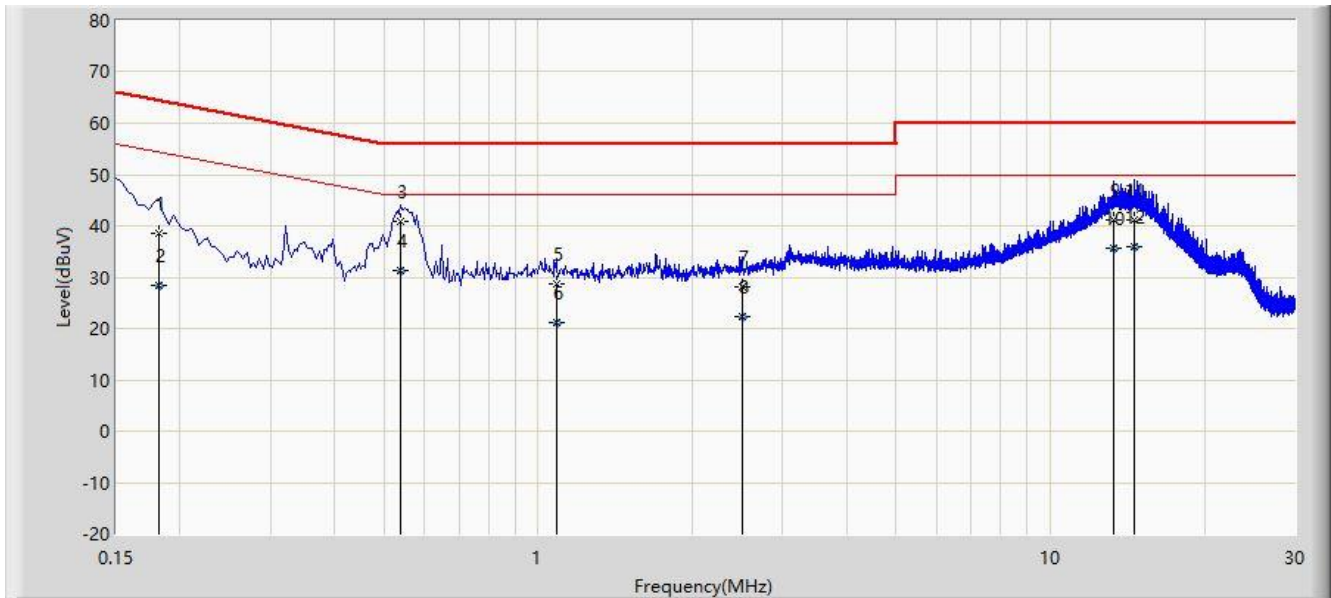
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		*	2455.358	101.914	71.033	N/A	N/A	30.881	AV
2			2483.500	53.306	22.417	-0.694	54.000	30.889	AV
3			2483.816	53.400	22.510	-0.600	54.000	30.890	AV

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

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

A.7 AC Conducted Emissions Test Result

Site: NS-SR2	Test Date: 2021/08/30
Limit: FCC_Part15.207_CE_AC Power	Engineer: Flag Yang
Probe: ENV216_102493_Filter Off_0.15~30MHz	Polarity: Line
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11g at channel 2412MHz	

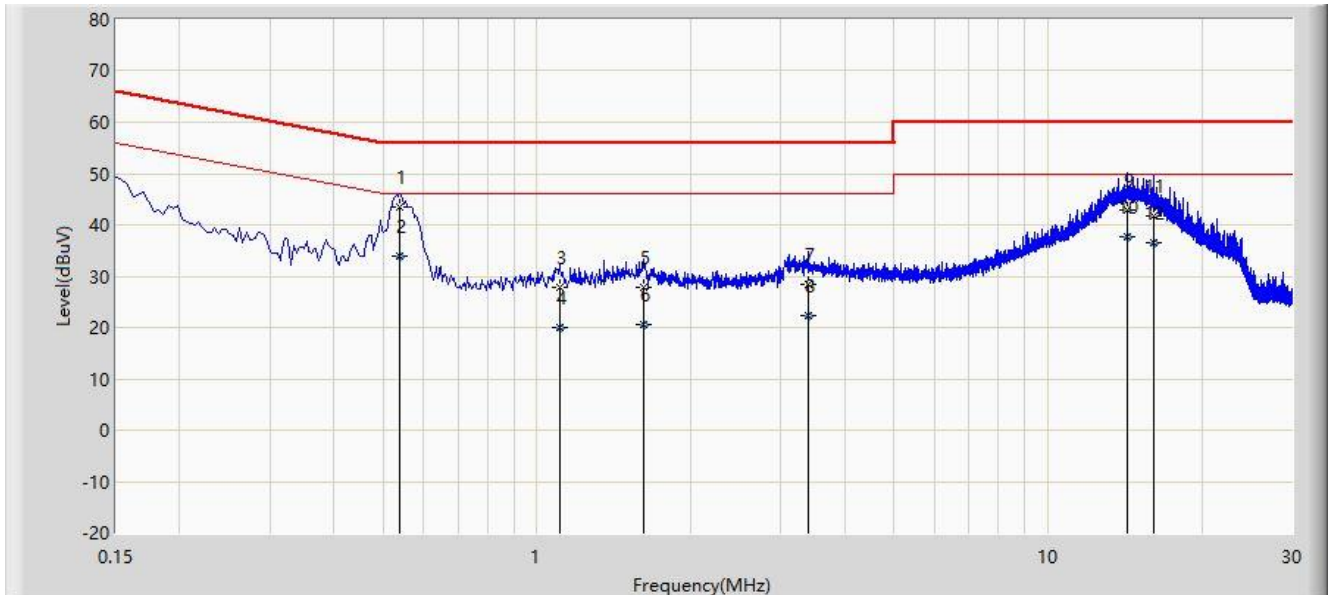


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		*	0.182	38.605	29.063	-25.789	64.394	9.542	QP
2			0.182	28.326	18.784	-26.068	54.394	9.542	AV
3			0.538	40.967	31.404	-15.033	56.000	9.563	QP
4			0.538	31.364	21.801	-14.636	46.000	9.563	AV
5			1.086	28.831	19.234	-27.169	56.000	9.597	QP
6			1.086	21.263	11.666	-24.737	46.000	9.597	AV
7			2.506	28.088	18.442	-27.912	56.000	9.646	QP
8			2.506	22.409	12.763	-23.591	46.000	9.646	AV
9			13.318	41.097	31.261	-18.903	60.000	9.836	QP
10			13.318	35.530	25.694	-14.470	50.000	9.836	AV
11			14.602	41.052	31.201	-18.948	60.000	9.851	QP
12			14.602	35.851	26.000	-14.149	50.000	9.851	AV

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

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

Site: NS-SR2	Test Date: 2021/08/30
Limit: FCC_Part15.207_CE_AC Power	Engineer: Flag Yang
Probe: ENV216_102493_Filter Off_0.15~30MHz	Polarity: Neutral
EUT: WiFi 5 Mesh AP	Power: AC 120V/60Hz
Test Mode: Transmit by 11g at channel 2412MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		*	0.540	43.602	34.033	-12.398	56.000	9.569	QP
2			0.540	34.002	24.433	-11.998	46.000	9.569	AV
3			1.106	27.720	18.120	-28.280	56.000	9.600	QP
4			1.106	19.887	10.287	-26.113	46.000	9.600	AV
5			1.614	27.944	18.328	-28.056	56.000	9.616	QP
6			1.614	20.615	10.999	-25.385	46.000	9.616	AV
7			3.386	28.282	18.611	-27.718	56.000	9.671	QP
8			3.386	22.311	12.640	-23.689	46.000	9.671	AV
9			14.270	42.864	32.972	-17.136	60.000	9.892	QP
10			14.270	37.568	27.676	-12.432	50.000	9.892	AV
11			16.126	41.640	31.721	-18.360	60.000	9.919	QP
12			16.126	36.543	26.624	-13.457	50.000	9.919	AV

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

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

Appendix B - Test Setup Photograph

Refer to “2108RSU047-UT” file.

Appendix C - EUT Photograph

Refer to “2108RSU047-UE” file.