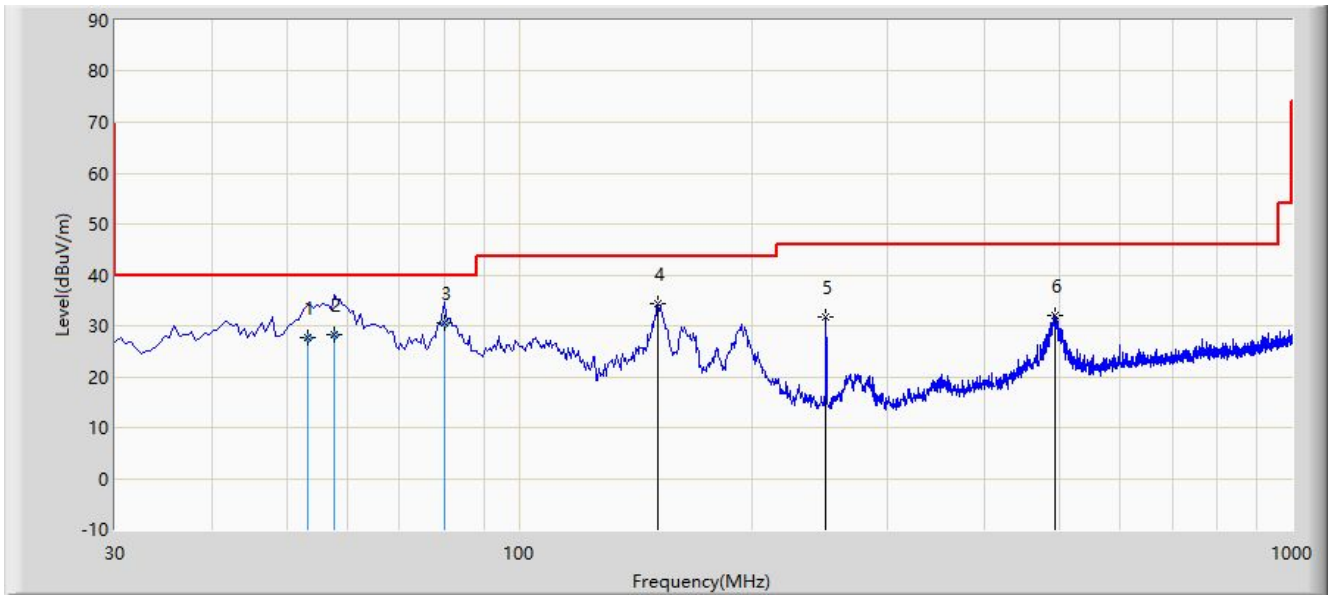


Site: AC1	Time: 2020/08/16 - 12:52
Limit: FCC_Part15.209_RSE(3m)	Engineer: Antony Yang
Probe: AC1_VULB 9168 _30-1000MHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Worst Case Mode: Transmit by 802.11n-HT20 at Channel 2412MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			53.280	27.698	13.280	-12.302	40.000	14.418	QP
2			57.650	28.322	14.250	-11.678	40.000	14.072	QP
3			79.960	30.573	20.490	-9.427	40.000	10.083	QP
4		*	151.250	34.387	19.942	-9.113	43.500	14.445	PK
5			249.705	31.766	18.761	-14.234	46.000	13.005	PK
6			494.145	32.169	12.630	-13.831	46.000	19.538	PK

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

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

Note 2: The amplitude of radiated emissions (frequency range from 9kHz ~ 30MHz, 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.

6.7. Radiated Restricted Band Edge Measurement

6.7.1. Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)
13.36 - 13.41	--	--	--

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

6.7.2.Test Procedure Used

ANSI C63.10-2013 Section 6.3& 6.6.

6.7.3.Test Setting

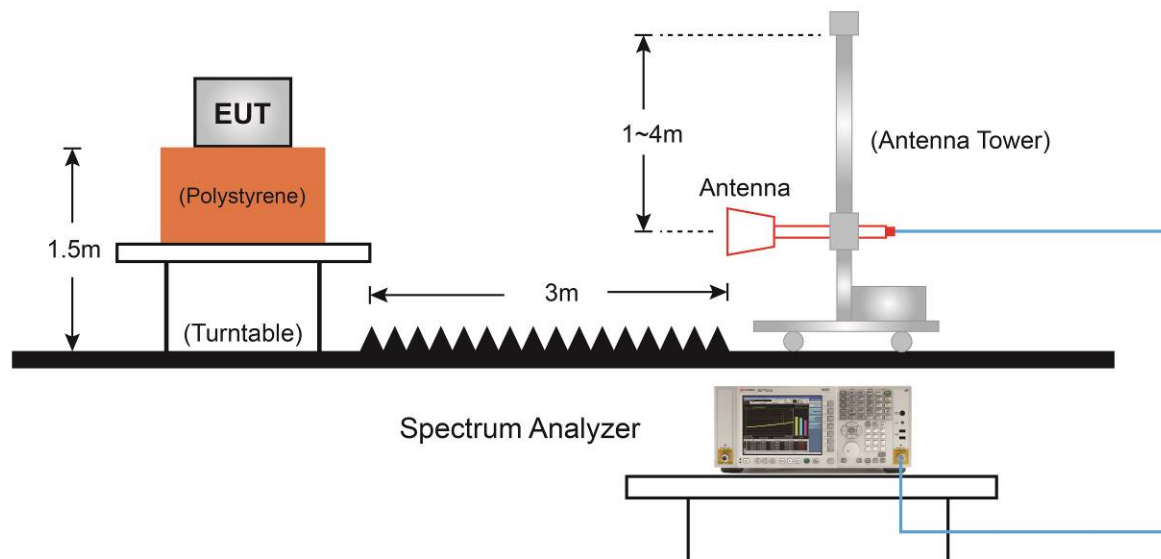
Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Field Strength Measurements

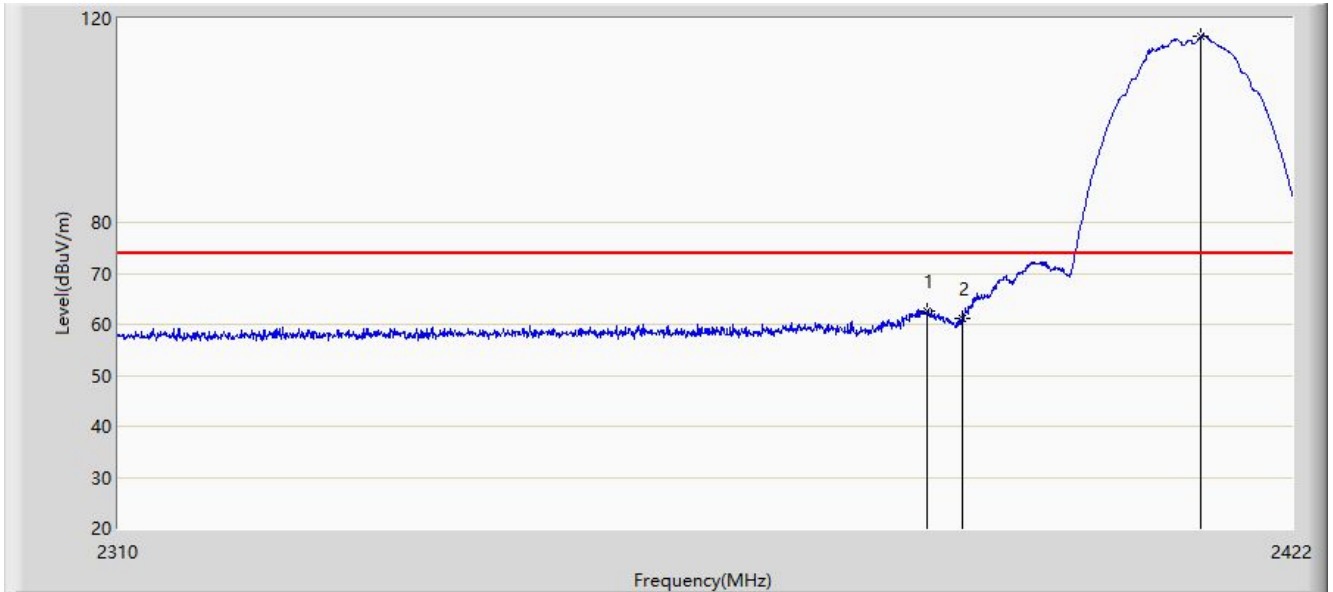
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW $\geq 1/T$
4. As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to "Voltage" regardless of the display mode
5. Detector = Peak
6. Sweep time = auto
7. Trace mode = max hold
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

6.7.4. Test Setup



6.7.5.Test Result

Site: AC1	Time: 2020/08/17 - 22:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz (CDD Mode)	

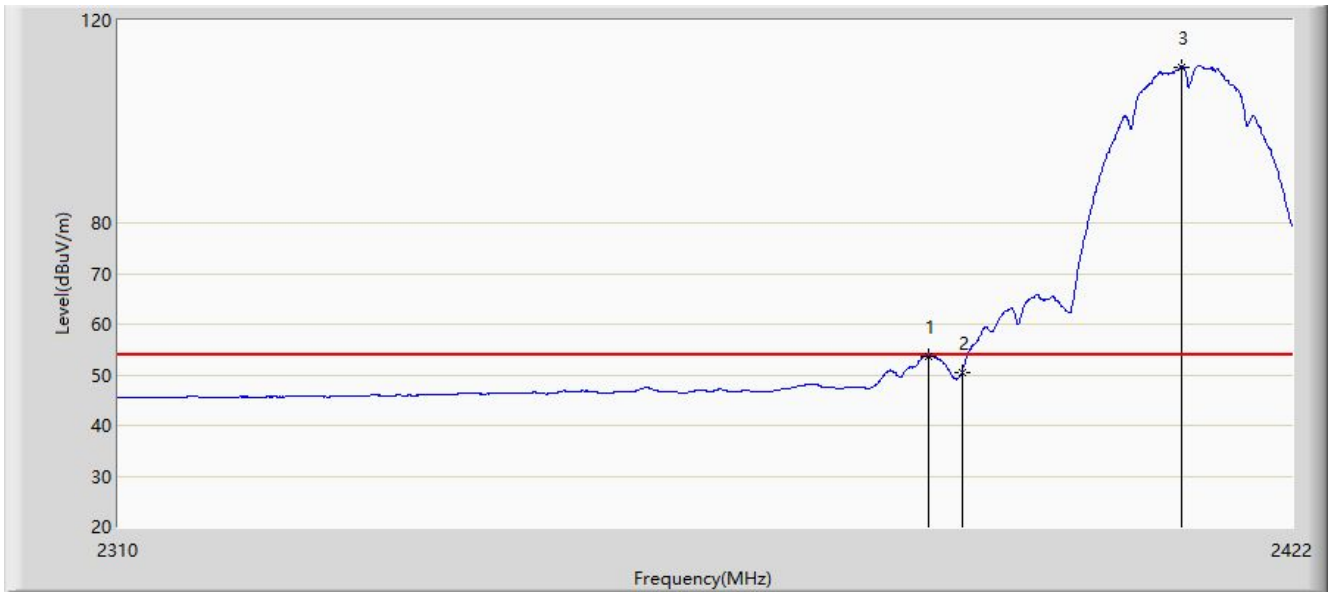


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.664	62.704	30.008	-11.296	74.000	32.696	PK
2			2390.000	61.159	28.447	-12.841	74.000	32.712	PK
3		*	2413.096	116.478	83.749	N/A	N/A	32.728	PK

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

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

Site: AC1	Time: 2020/08/17 - 22:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz CDD Mode)	

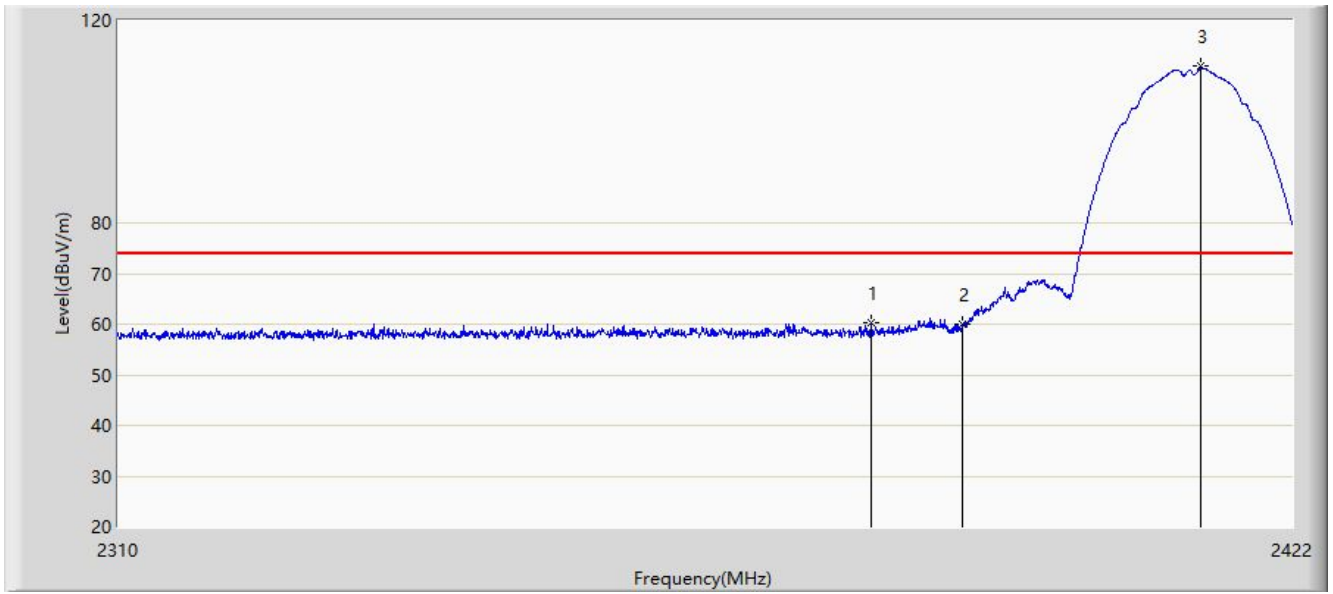


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.720	53.735	21.038	-0.265	54.000	32.696	AV
2			2390.000	50.577	17.865	-3.423	54.000	32.712	AV
3	X	*	2411.192	110.867	78.136	N/A	N/A	32.731	AV

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

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

Site: AC1	Time: 2020/08/17 - 22:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz (CDD Mode)	

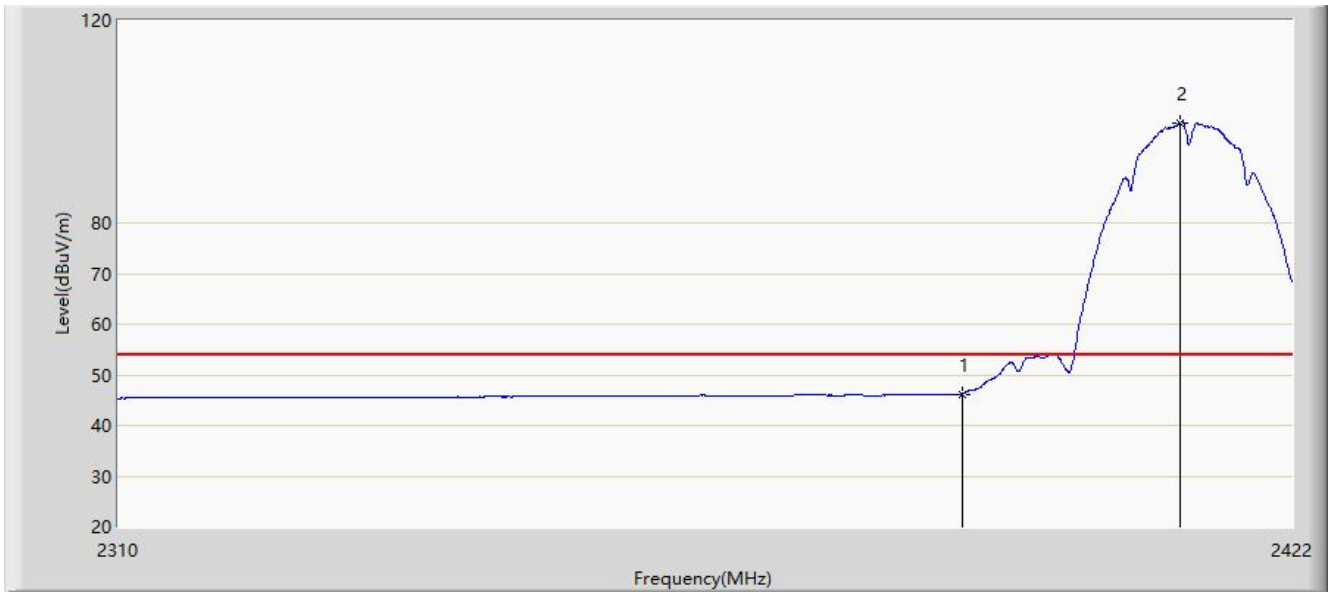


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2381.232	60.220	27.549	-13.780	74.000	32.671	PK
2			2390.000	60.006	27.294	-13.994	74.000	32.712	PK
3		*	2413.040	110.957	78.228	N/A	N/A	32.728	PK

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

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

Site: AC1	Time: 2020/08/17 - 23:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz (CDD Mode)	

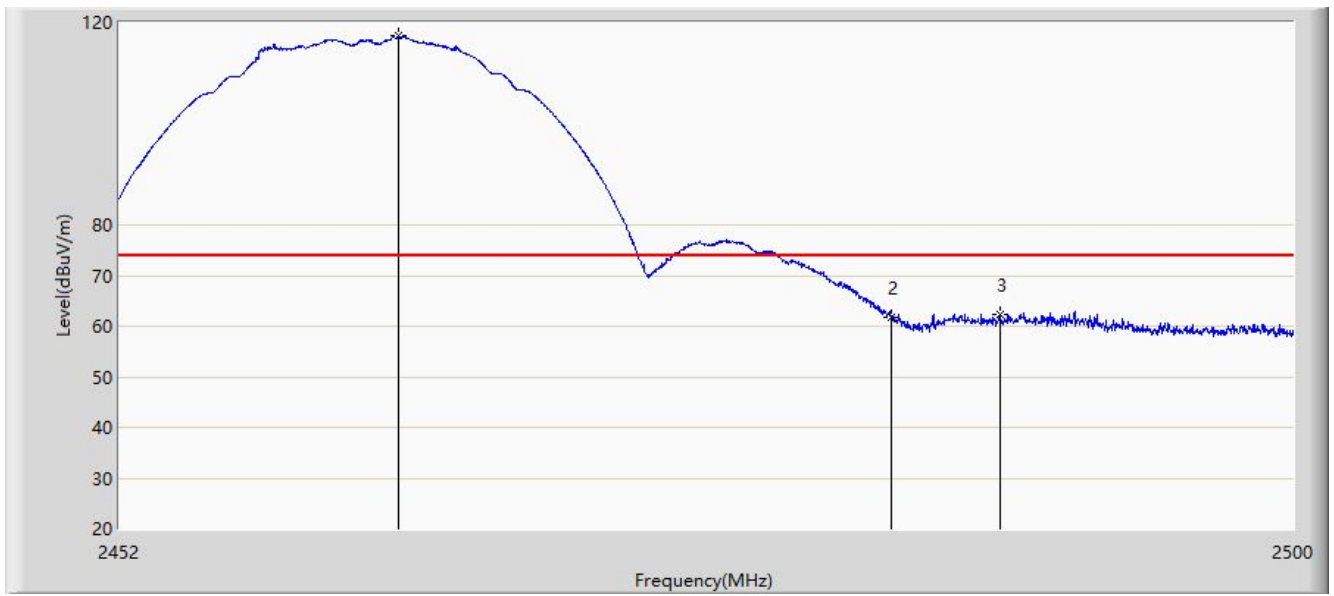


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.185	13.473	-7.815	54.000	32.712	AV
2		*	2411.080	99.786	67.055	N/A	N/A	32.731	AV

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

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

Site: AC1	Time: 2020/08/17 - 23:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz (CDD Mode)	

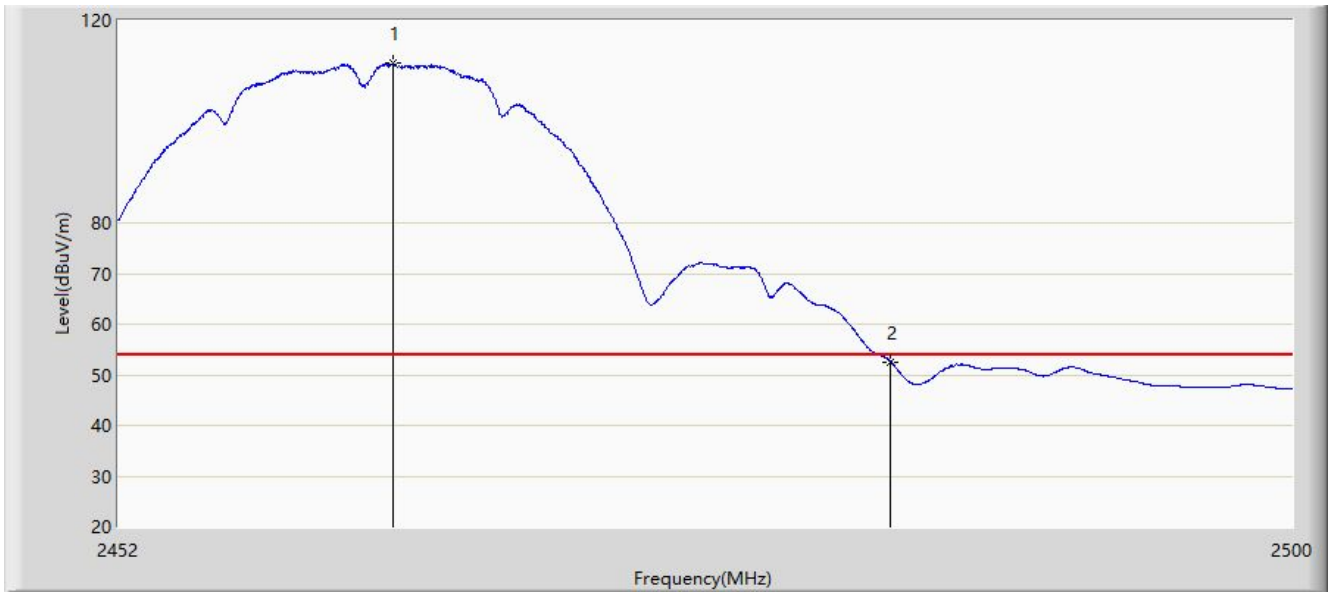


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.352	117.443	84.682	N/A	N/A	32.761	PK
2			2483.500	61.774	29.124	-12.226	74.000	32.651	PK
3			2487.952	62.398	29.783	-11.602	74.000	32.615	PK

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

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

Site: AC1	Time: 2020/08/17 - 23:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz (CDD Mode)	

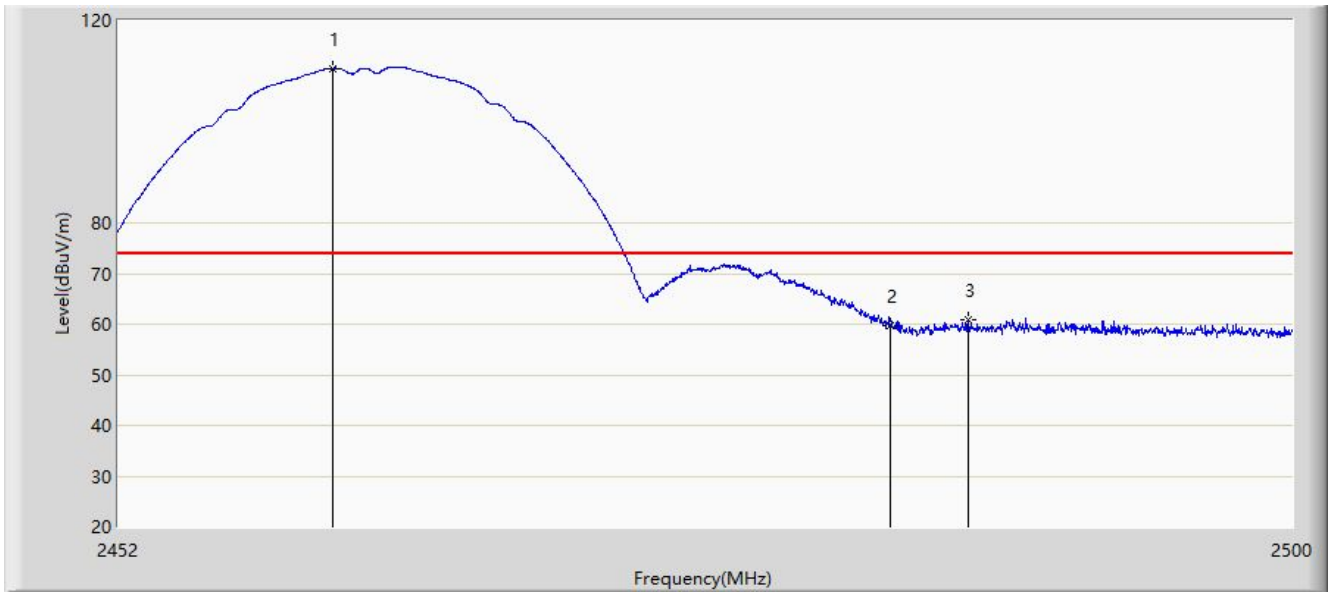


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	X	*	2463.184	111.478	78.718	N/A	N/A	32.760	AV
2			2483.500	52.558	19.908	-1.442	54.000	32.651	AV

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

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

Site: AC1	Time: 2020/08/17 - 23:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz (CDD Mode)	

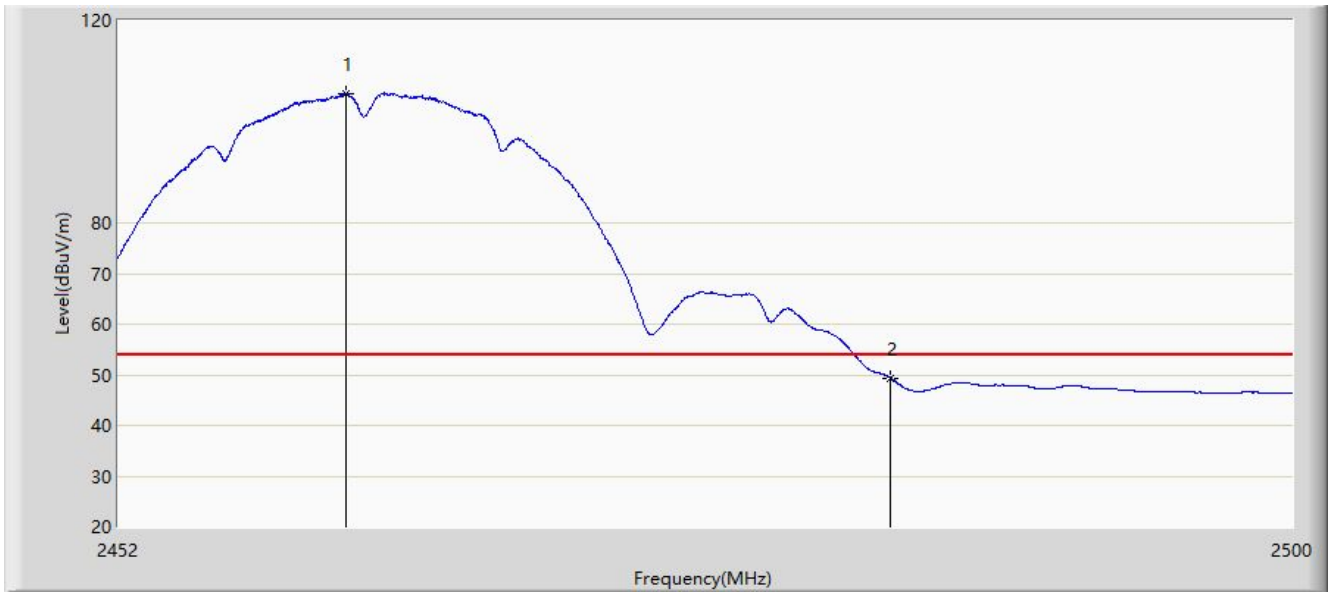


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.712	110.545	77.793	N/A	N/A	32.753	PK
2			2483.500	59.717	27.067	-14.283	74.000	32.651	PK
3			2486.680	60.841	28.218	-13.159	74.000	32.623	PK

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

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

Site: AC1	Time: 2020/08/17 - 23:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz (CDD Mode)	

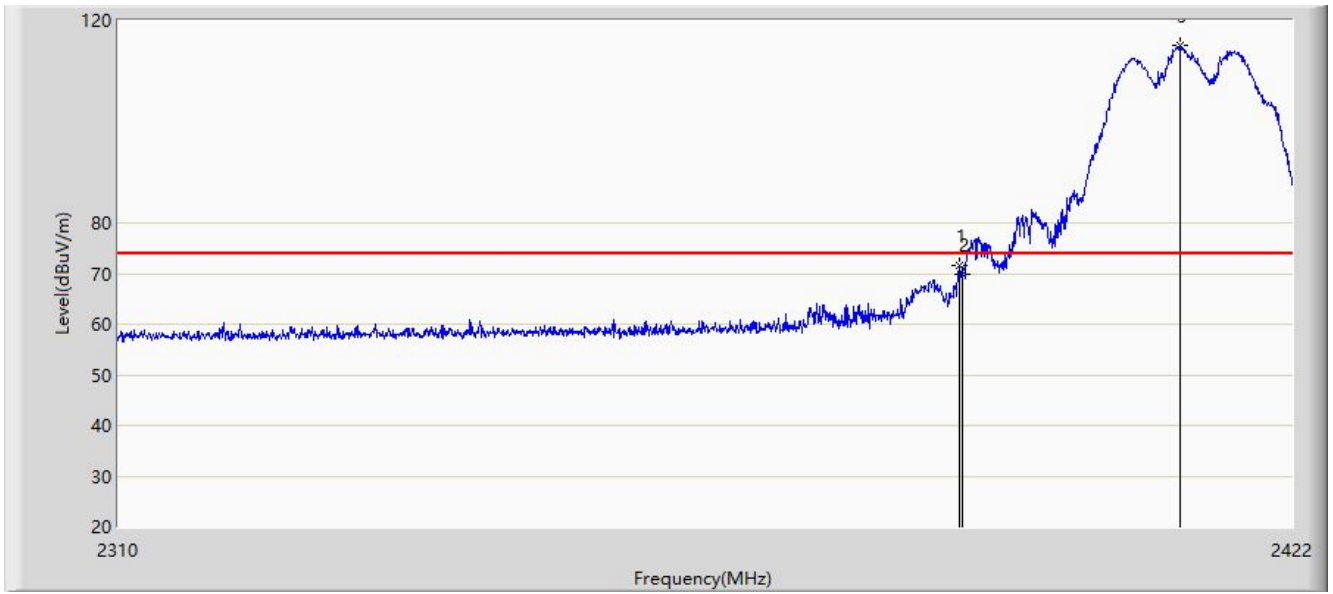


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.264	105.592	72.838	N/A	N/A	32.754	AV
2			2483.500	49.302	16.652	-4.698	54.000	32.651	AV

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

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

Site: AC1	Time: 2020/08/17 - 23:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz (CDD Mode)	

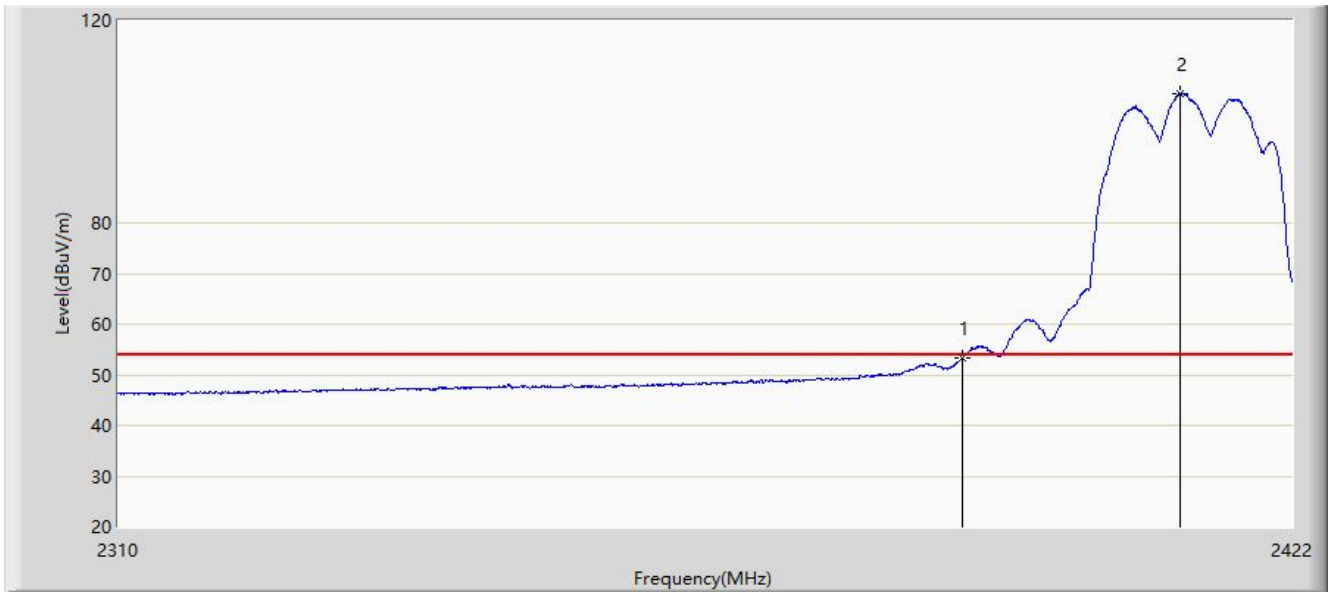


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.800	71.572	38.861	-2.428	74.000	32.711	PK
2			2390.000	69.757	37.045	-4.243	74.000	32.712	PK
3		*	2411.136	114.977	82.246	N/A	N/A	32.731	PK

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

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

Site: AC1	Time: 2020/08/17 - 23:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz (CDD Mode)	

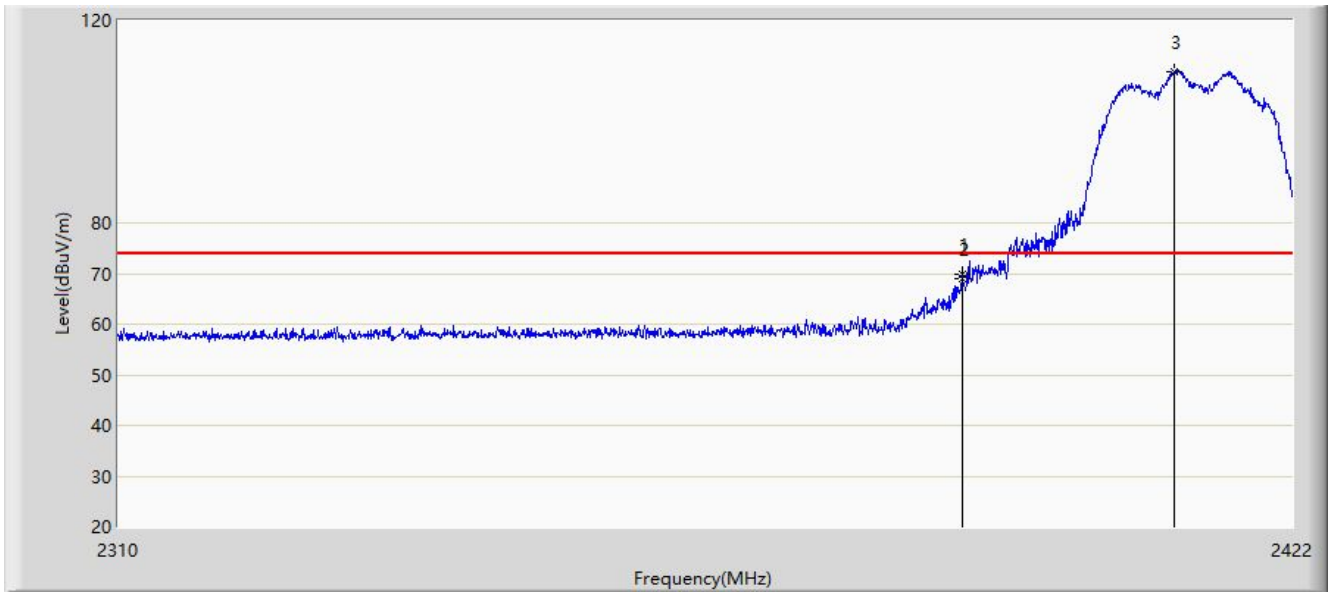


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.337	20.625	-0.663	54.000	32.712	AV
2		*	2411.136	105.617	72.886	N/A	N/A	32.731	AV

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

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

Site: AC1	Time: 2020/08/17 - 23:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz (CDD Mode)	

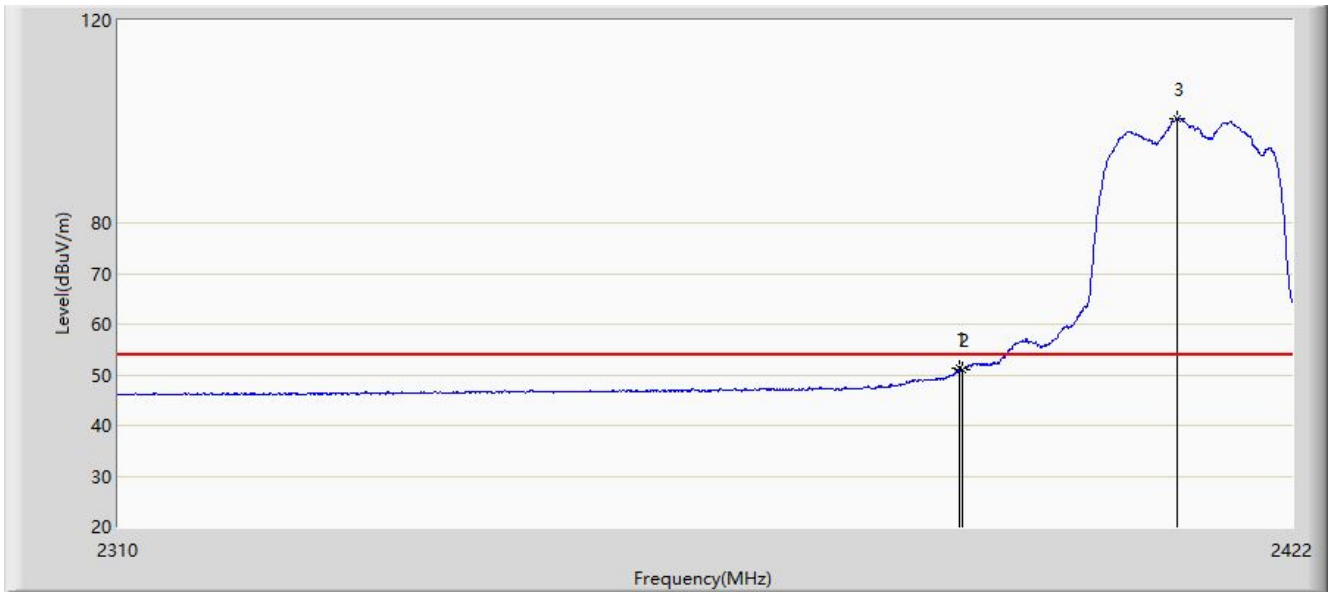


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.968	69.757	37.045	-4.243	74.000	32.712	PK
2			2390.000	69.017	36.305	-4.983	74.000	32.712	PK
3		*	2410.520	109.963	77.231	N/A	N/A	32.732	PK

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

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

Site: AC1	Time: 2020/08/17 - 23:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz (CDD Mode)	

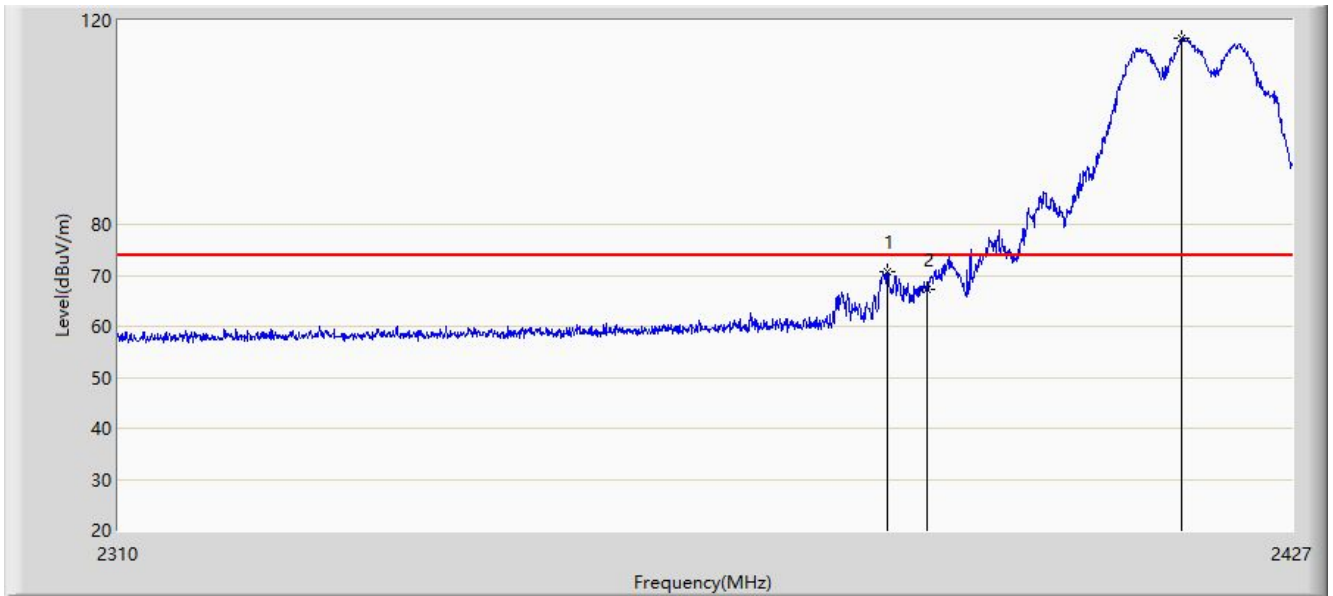


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.800	51.228	18.517	-2.772	54.000	32.711	AV
2			2390.000	51.075	18.363	-2.925	54.000	32.712	AV
3		*	2410.800	100.657	67.926	N/A	N/A	32.731	AV

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

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

Site: AC1	Time: 2020/08/17 - 23:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2417MHz (CDD Mode)	

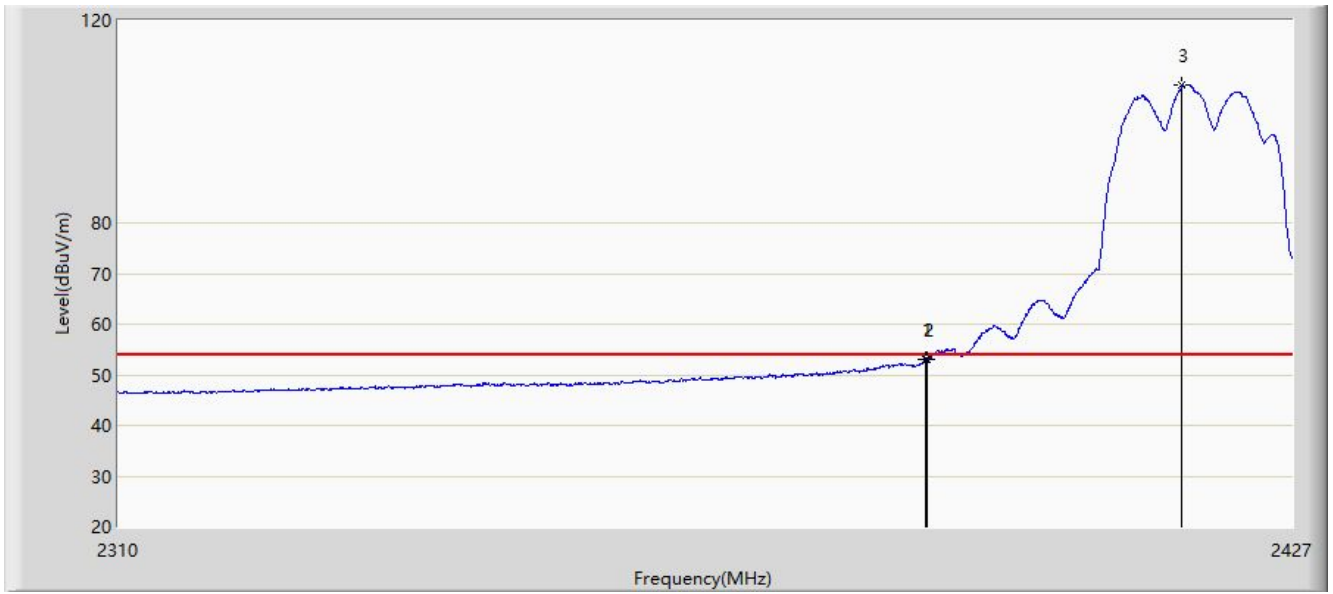


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.991	70.834	38.141	-3.166	74.000	32.693	PK
2			2390.000	67.381	34.669	-6.619	74.000	32.712	PK
3		*	2415.768	116.446	83.720	N/A	N/A	32.726	PK

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

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

Site: AC1	Time: 2020/08/17 - 23:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2417MHz (CDD Mode)	

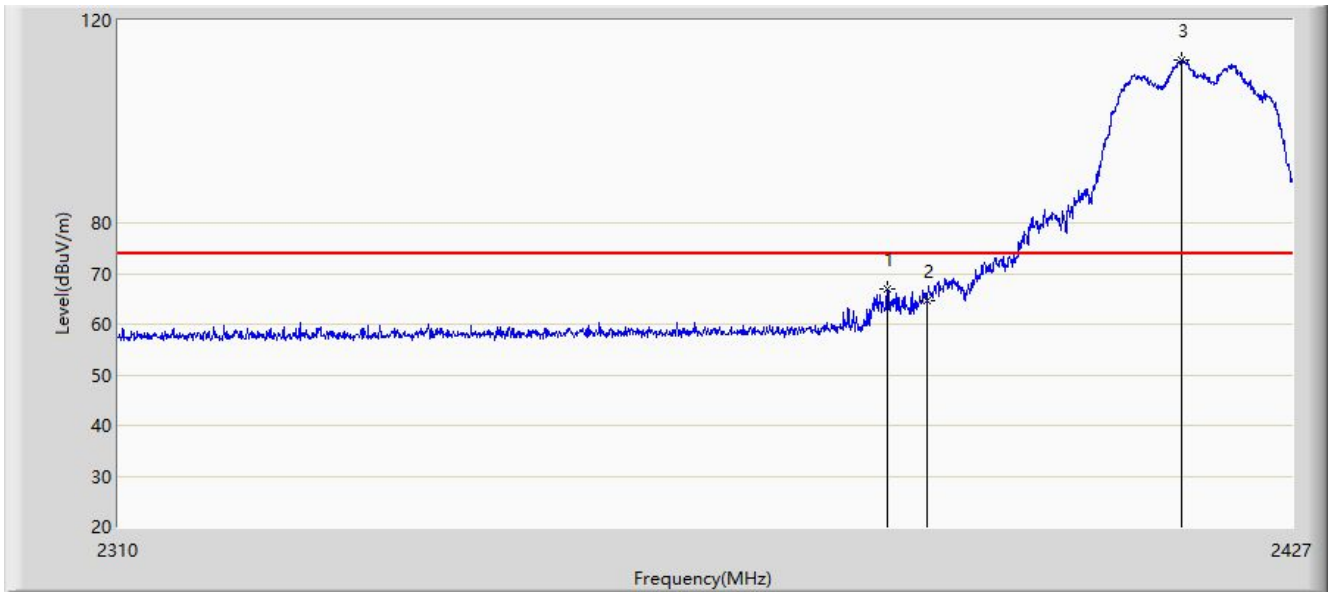


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.853	53.047	20.336	-0.953	54.000	32.711	AV
2			2390.000	52.943	20.231	-1.057	54.000	32.712	AV
3		*	2415.826	107.149	74.423	N/A	N/A	32.726	AV

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

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

Site: AC1	Time: 2020/08/17 - 23:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2417MHz (CDD Mode)	

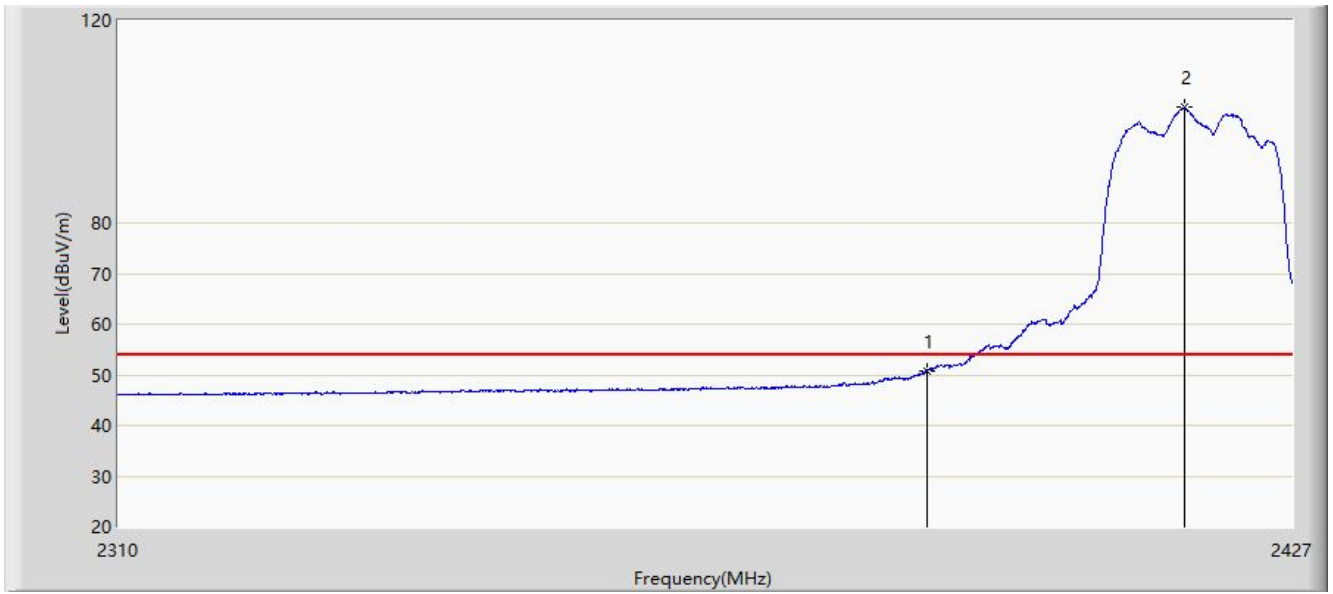


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.991	66.960	34.267	-7.040	74.000	32.693	PK
2			2390.000	64.516	31.804	-9.484	74.000	32.712	PK
3		*	2415.768	112.133	79.407	N/A	N/A	32.726	PK

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

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

Site: AC1	Time: 2020/08/17 - 23:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2417MHz (CDD Mode)	

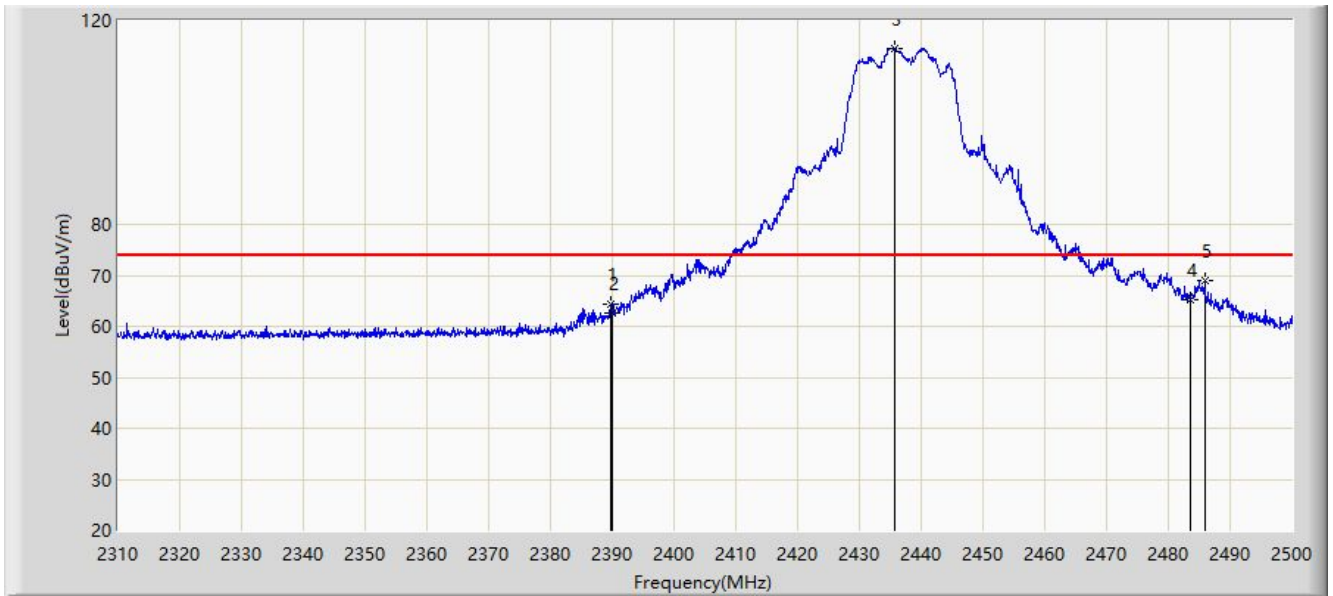


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.828	18.116	-3.172	54.000	32.712	AV
2		*	2416.061	102.805	70.078	N/A	N/A	32.727	AV

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

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

Site: AC1	Time: 2020/08/20 - 14:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2437MHz (CDD Mode)	

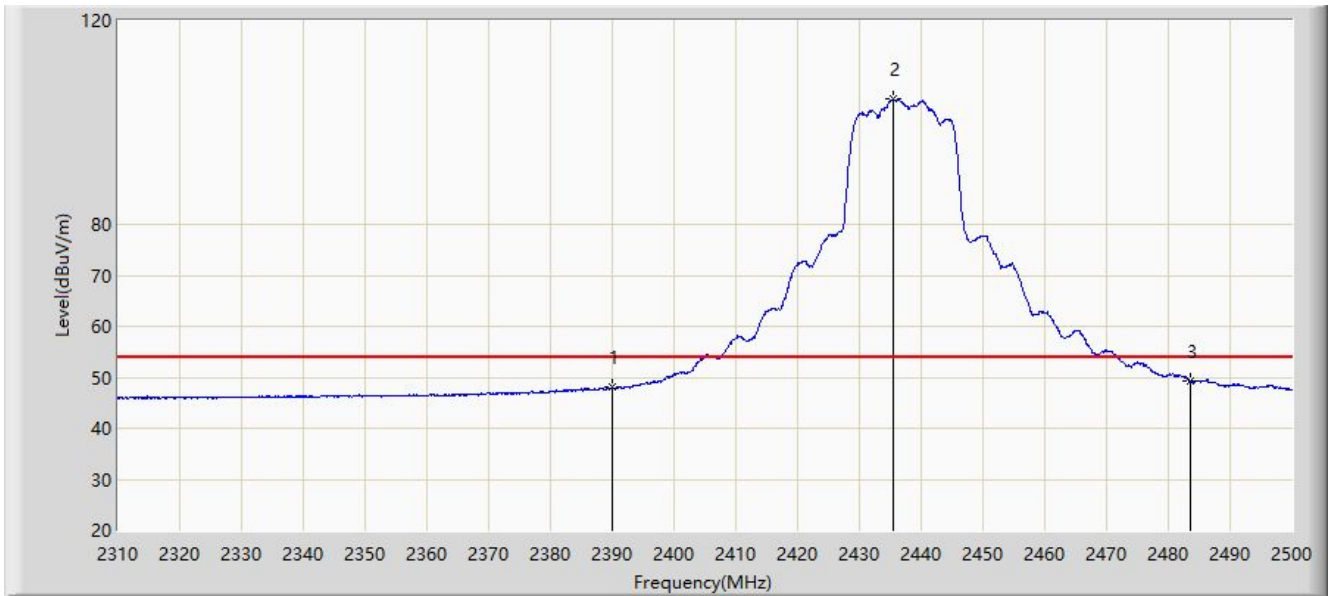


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.705	64.254	31.544	-9.746	74.000	32.711	PK
2			2390.000	62.478	29.766	-11.522	74.000	32.712	PK
3		*	2435.780	114.598	81.845	N/A	N/A	32.753	PK
4			2483.500	65.272	32.622	-8.728	74.000	32.651	PK
5			2485.845	69.088	36.458	-4.912	74.000	32.630	PK

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

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

Site: AC1	Time: 2020/08/20 - 14:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2437MHz (CDD Mode)	

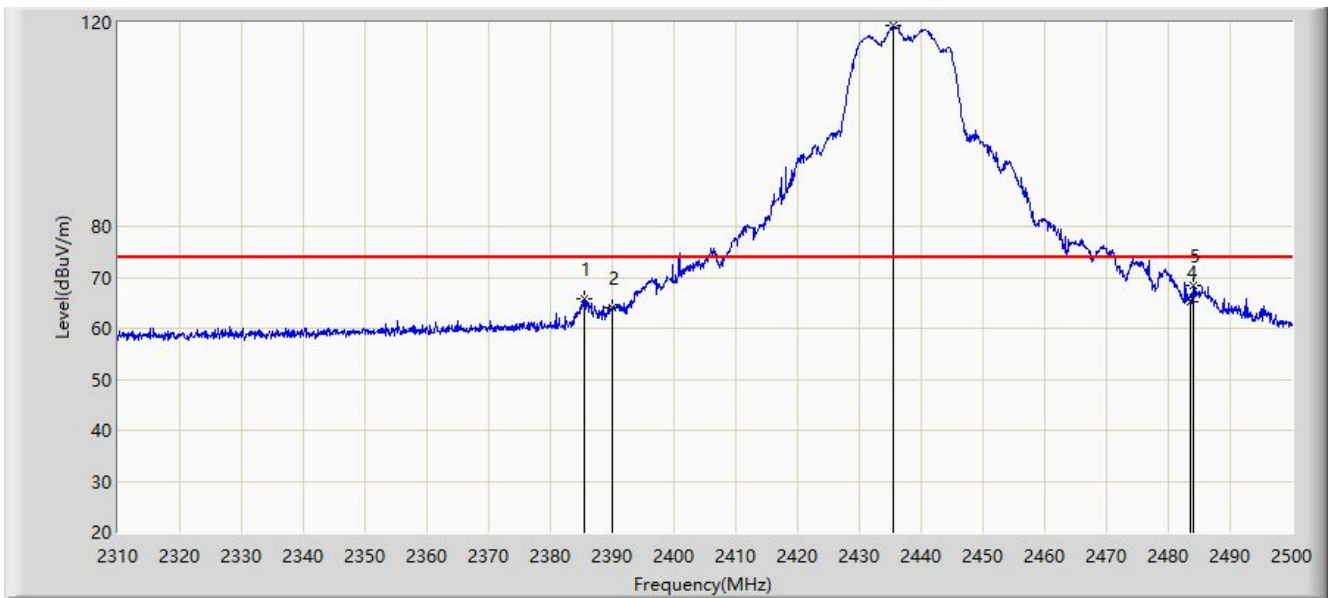


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.982	15.270	-6.018	54.000	32.712	AV
2		*	2435.495	104.629	71.875	N/A	N/A	32.754	AV
3			2483.500	49.209	16.559	-4.791	54.000	32.651	AV

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

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

Site: AC1	Time: 2020/08/20 - 14:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2437MHz (CDD Mode)	

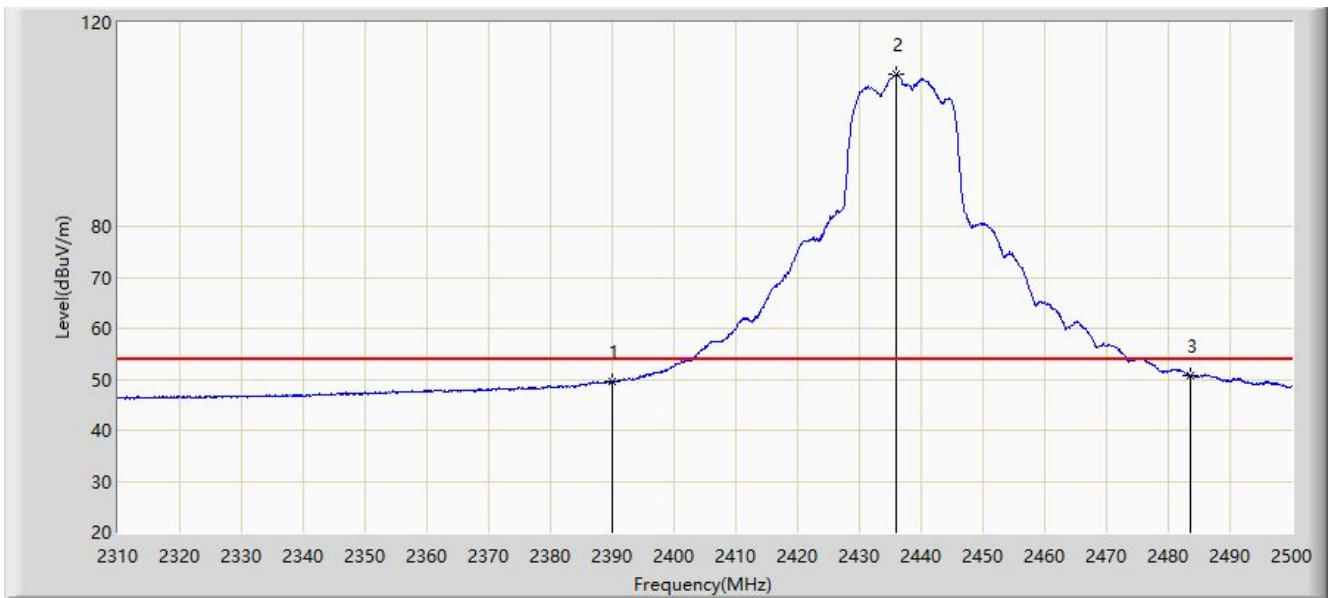


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.430	65.769	33.078	-8.231	74.000	32.690	PK
2			2390.000	63.977	31.265	-10.023	74.000	32.712	PK
3		*	2435.590	119.367	86.613	N/A	N/A	32.754	PK
4			2483.500	65.223	32.573	-8.777	74.000	32.651	PK
5			2483.945	68.414	35.768	-5.586	74.000	32.646	PK

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

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

Site: AC1	Time: 2020/08/20 - 14:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2437MHz (CDD Mode)	

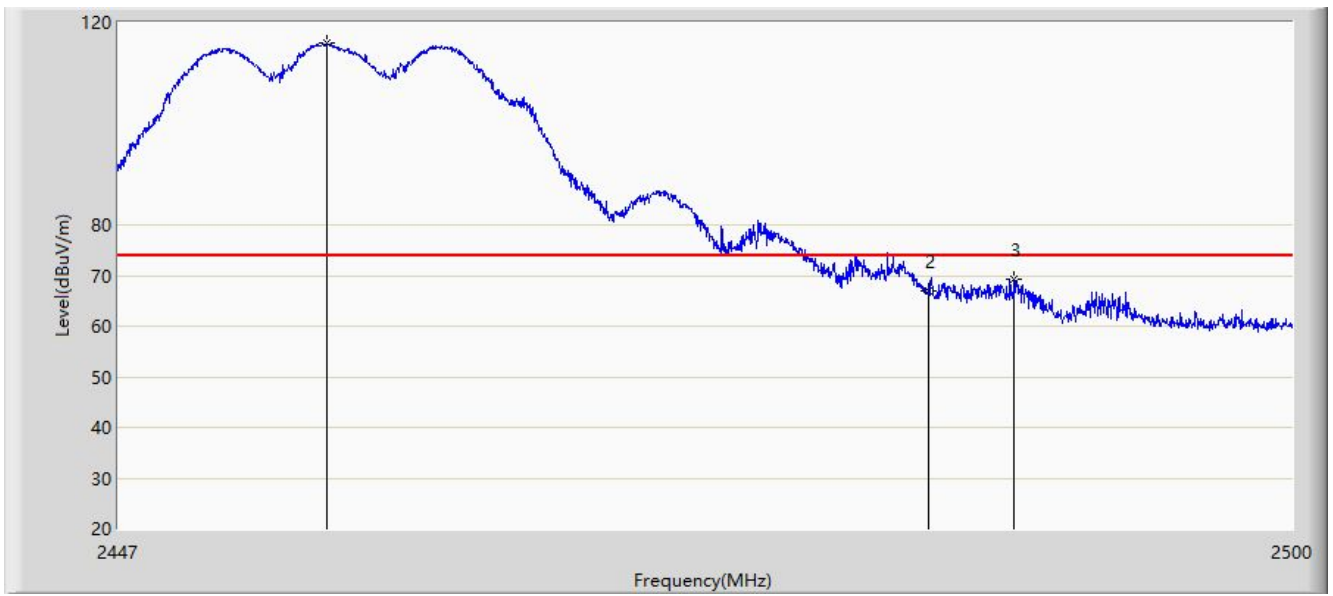


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	49.502	16.790	-4.498	54.000	32.712	AV
2	X	*	2435.875	109.762	77.009	N/A	N/A	32.753	AV
3			2483.500	50.659	18.009	-3.341	54.000	32.651	AV

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

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

Site: AC1	Time: 2020/08/18 - 00:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2457MHz (CDD Mode)	

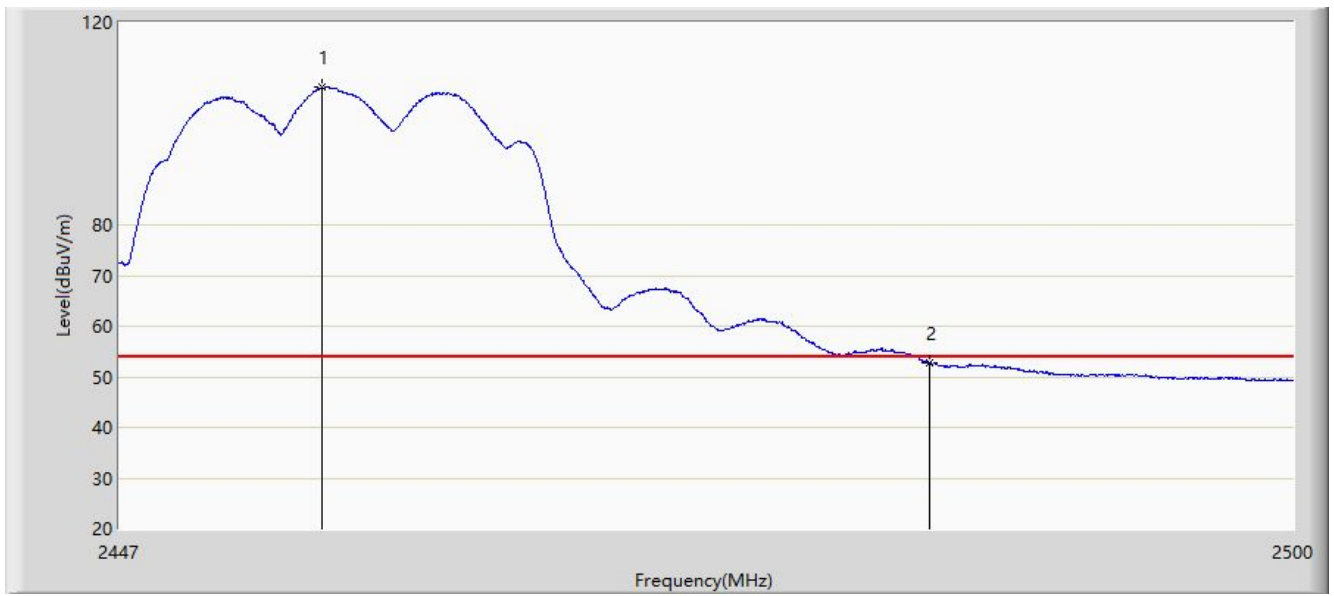


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.381	116.065	83.328	N/A	N/A	32.736	PK
2			2483.500	66.998	34.348	-7.002	74.000	32.651	PK
3			2487.360	69.260	36.643	-4.740	74.000	32.617	PK

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

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

Site: AC1	Time: 2020/08/18 - 00:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2457MHz (CDD Mode)	

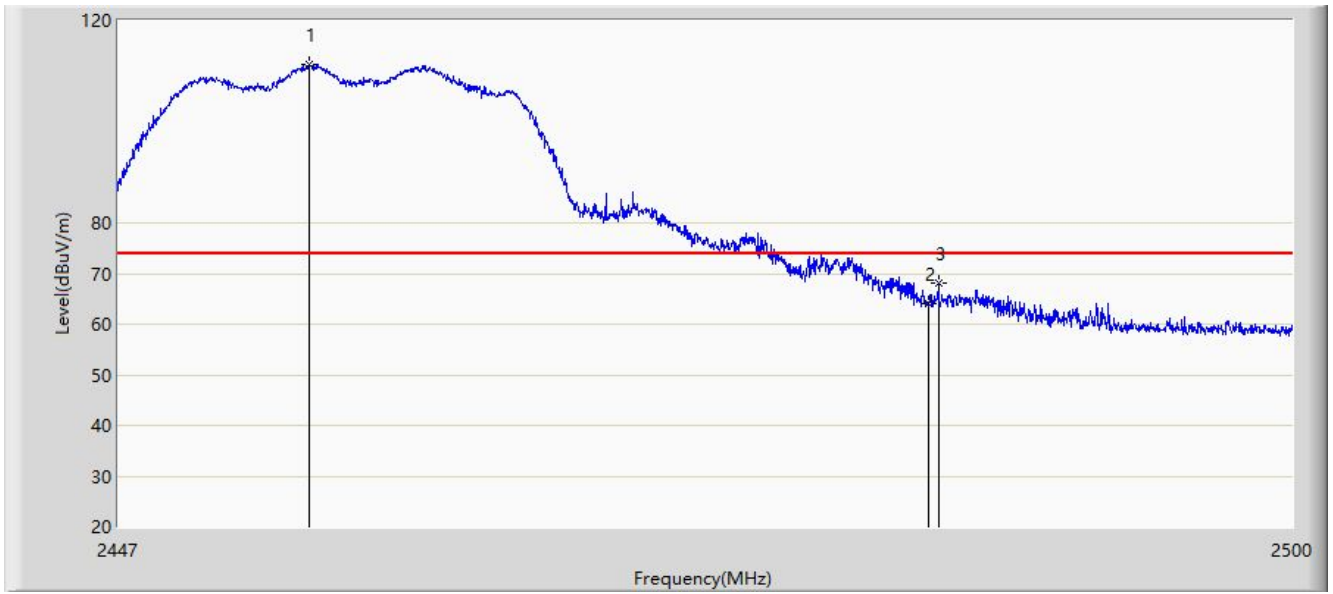


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.090	107.128	74.392	N/A	N/A	32.736	AV
2			2483.500	52.786	20.136	-1.214	54.000	32.651	AV

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

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

Site: AC1	Time: 2020/08/18 - 00:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2457MHz (CDD Mode)	

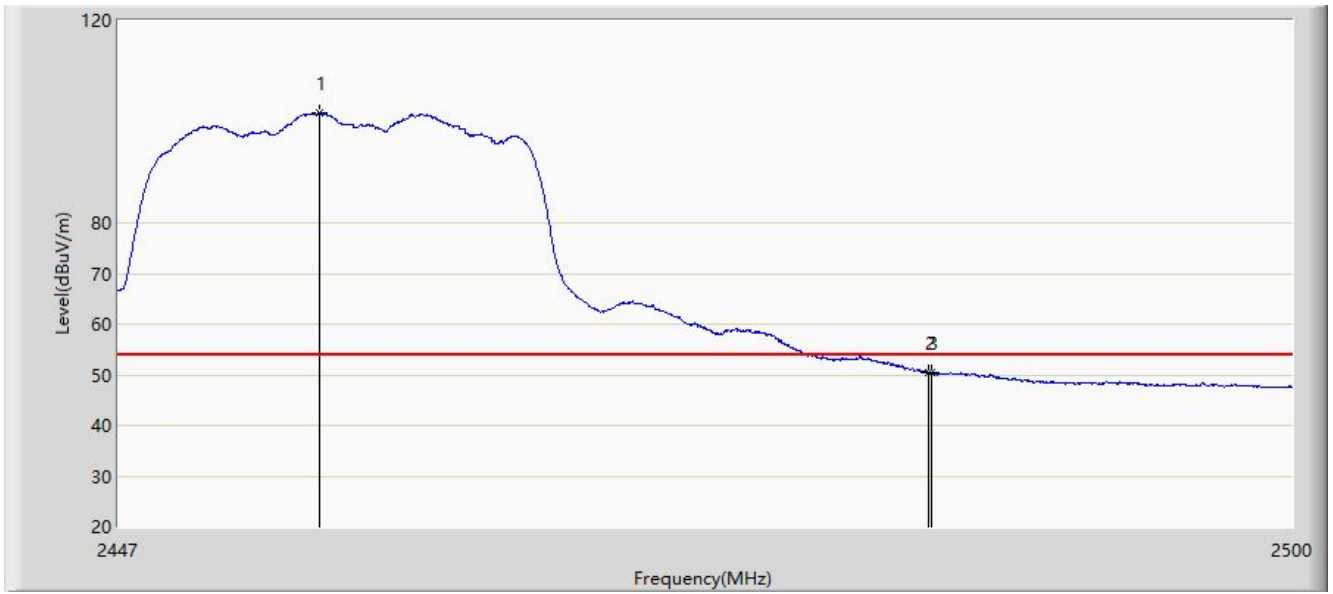


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2455.560	111.176	78.442	N/A	N/A	32.734	PK
2			2483.500	64.146	31.496	-9.854	74.000	32.651	PK
3			2483.915	68.094	35.447	-5.906	74.000	32.647	PK

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

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

Site: AC1	Time: 2020/08/18 - 00:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2457MHz (CDD Mode)	

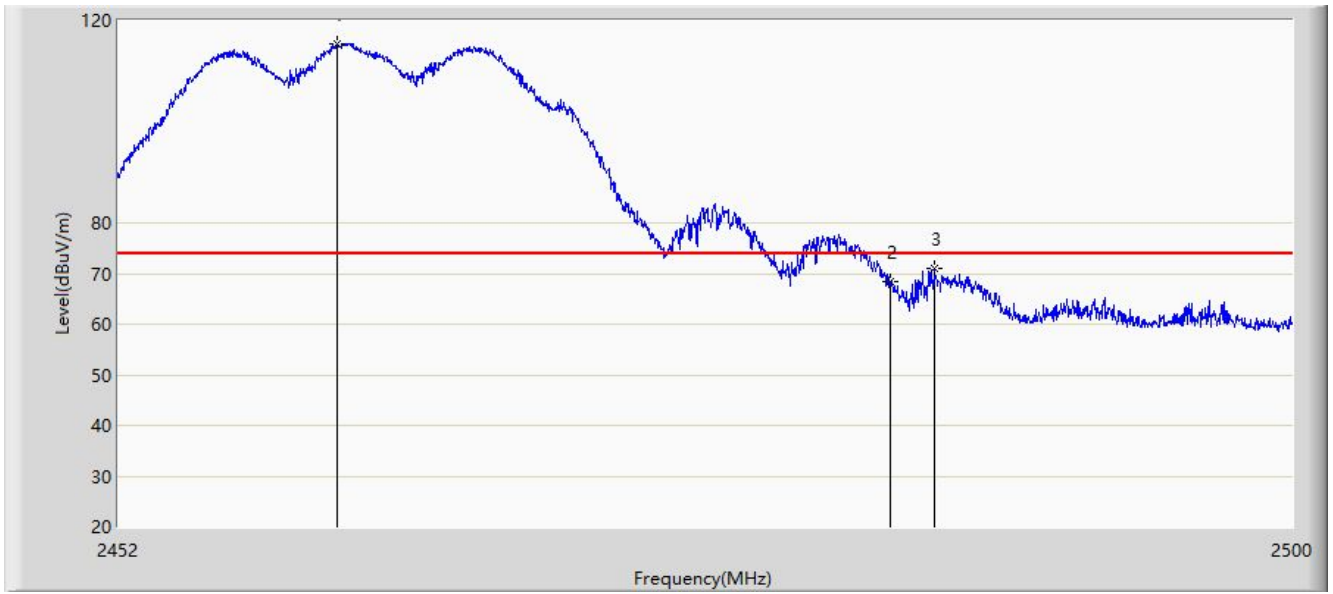


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.037	101.856	69.121	N/A	N/A	32.736	AV
2			2483.500	50.394	17.744	-3.606	54.000	32.651	AV
3			2483.623	50.426	17.777	-3.574	54.000	32.649	AV

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

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

Site: AC1	Time: 2020/08/18 - 00:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz (CDD Mode)	

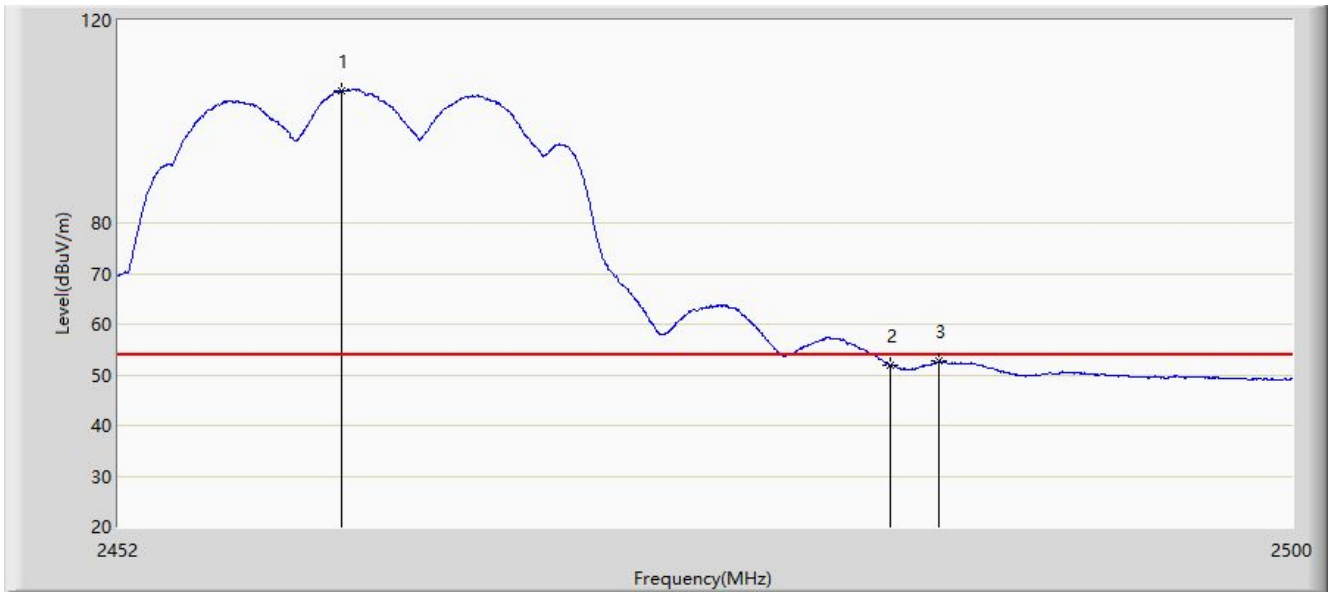


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.880	115.305	82.552	N/A	N/A	32.752	PK
2			2483.500	68.423	35.773	-5.577	74.000	32.651	PK
3			2485.288	70.977	38.342	-3.023	74.000	32.635	PK

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

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

Site: AC1	Time: 2020/08/18 - 00:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz (CDD Mode)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.048	106.195	73.442	N/A	N/A	32.753	AV
2			2483.500	51.795	19.145	-2.205	54.000	32.651	AV
3			2485.480	52.717	20.084	-1.283	54.000	32.633	AV

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

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

Site: AC1	Time: 2020/08/18 - 00:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz (CDD Mode)	

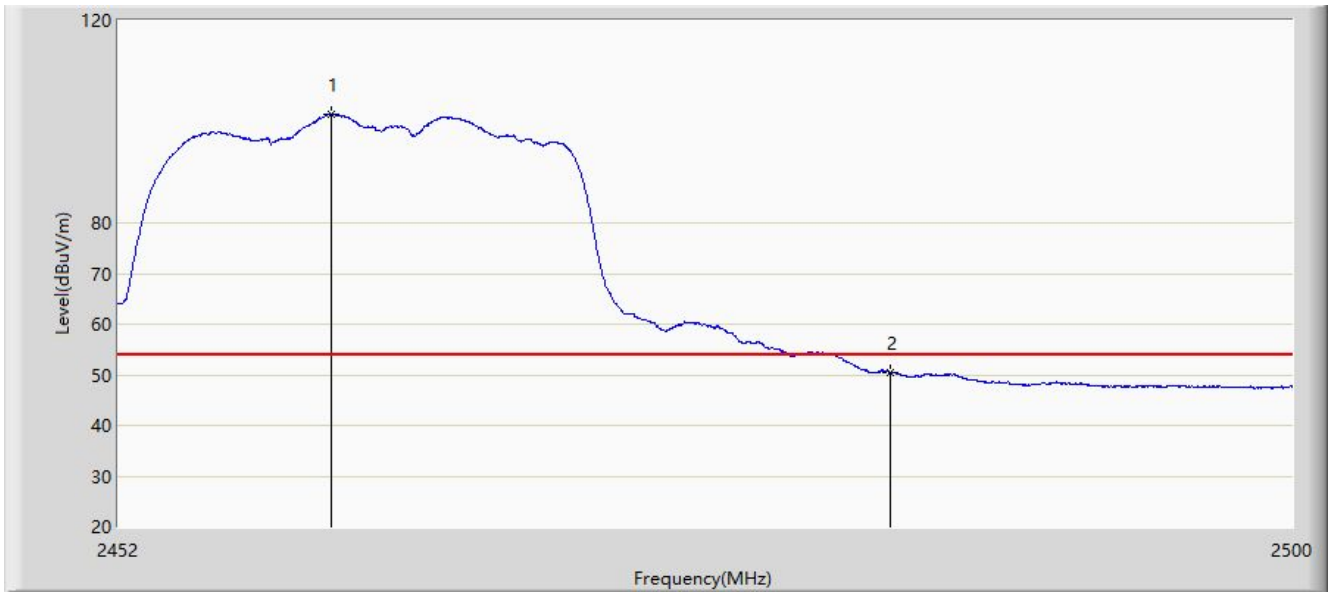


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.688	111.050	78.298	N/A	N/A	32.752	PK
2			2483.500	68.318	35.668	-5.682	74.000	32.651	PK
3			2483.752	68.428	35.780	-5.572	74.000	32.648	PK

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

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

Site: AC1	Time: 2020/08/18 - 00:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz (CDD Mode)	

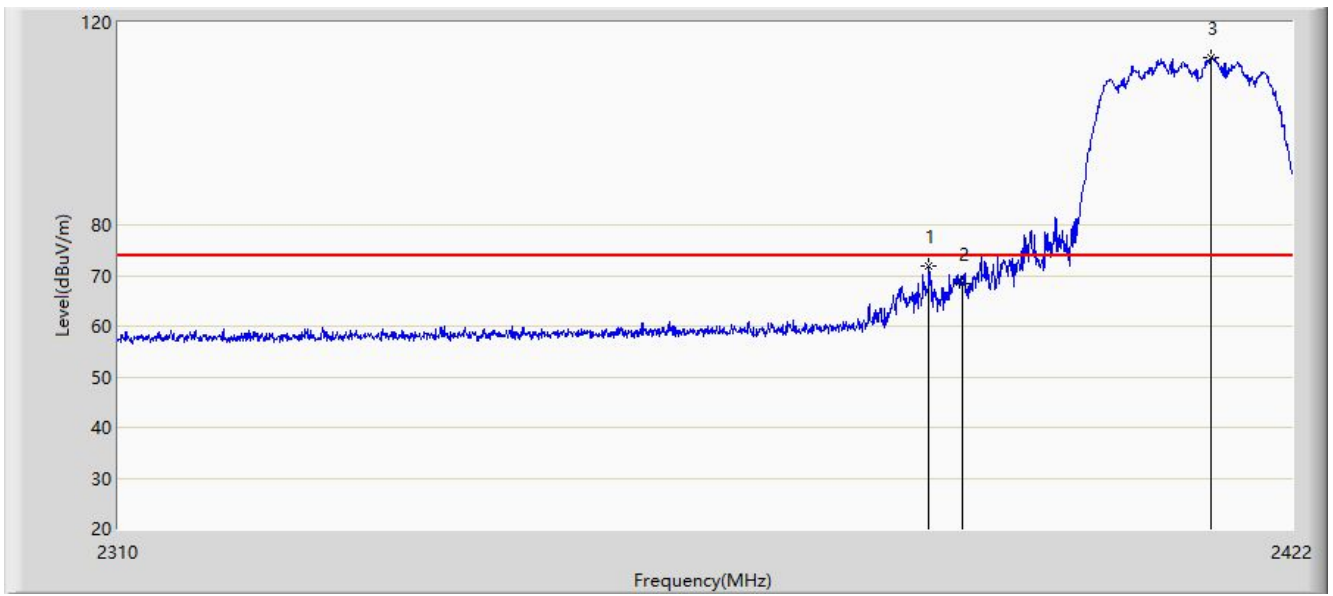


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.664	101.585	68.833	N/A	N/A	32.752	AV
2			2483.500	50.514	17.864	-3.486	54.000	32.651	AV

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

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

Site: AC1	Time: 2020/08/18 - 00:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz (CDD Mode)	

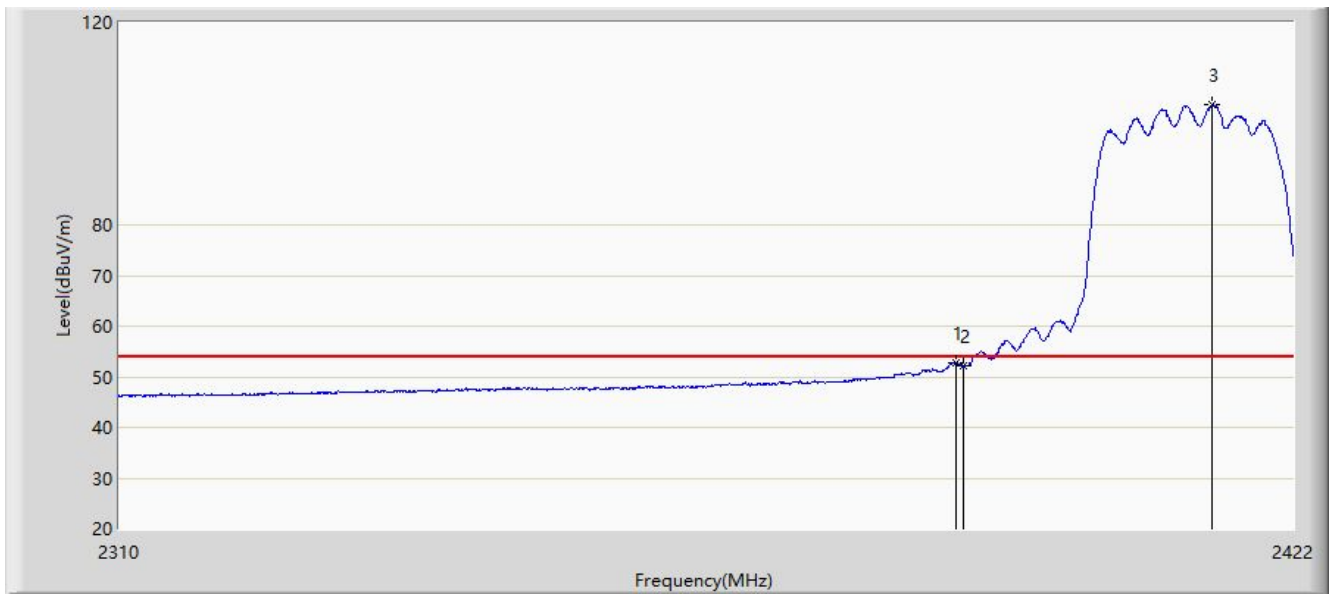


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.832	71.770	39.073	-2.230	74.000	32.697	PK
2			2390.000	68.535	35.823	-5.465	74.000	32.712	PK
3		*	2414.160	113.088	80.360	N/A	N/A	32.728	PK

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

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

Site: AC1	Time: 2020/08/18 - 00:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz (CDD Mode)	

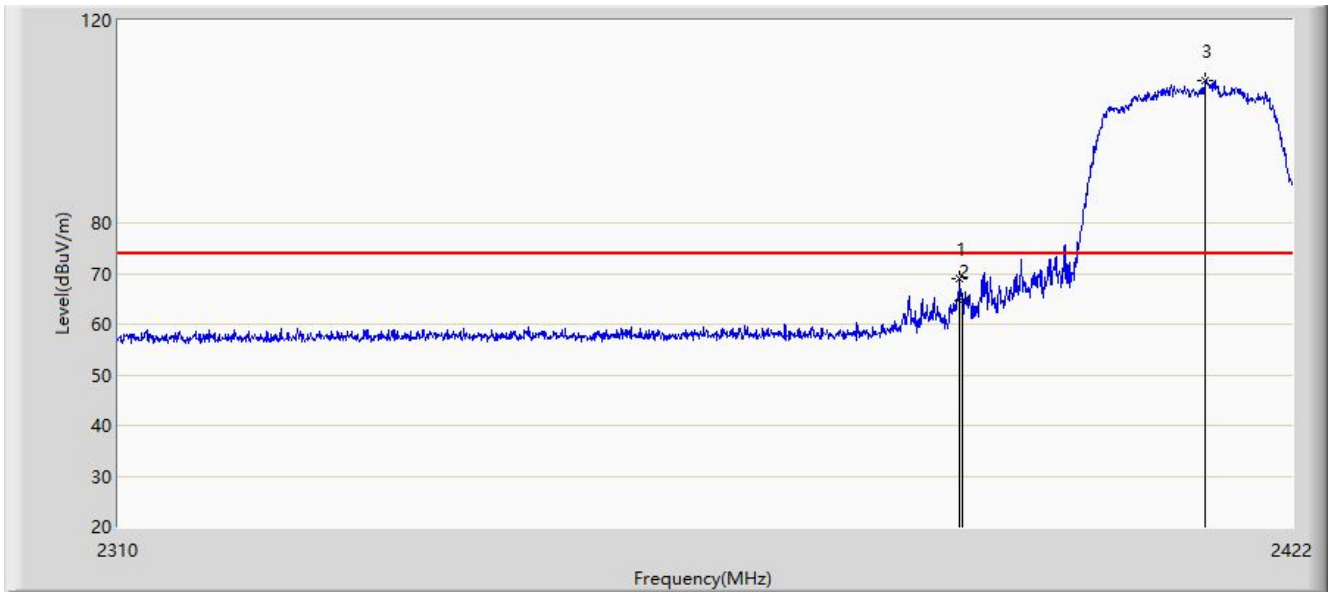


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.296	52.845	20.136	-1.155	54.000	32.709	AV
2			2390.000	52.282	19.570	-1.718	54.000	32.712	AV
3		*	2414.104	103.738	71.010	N/A	N/A	32.728	AV

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

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

Site: AC1	Time: 2020/08/18 - 00:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz (CDD Mode)	

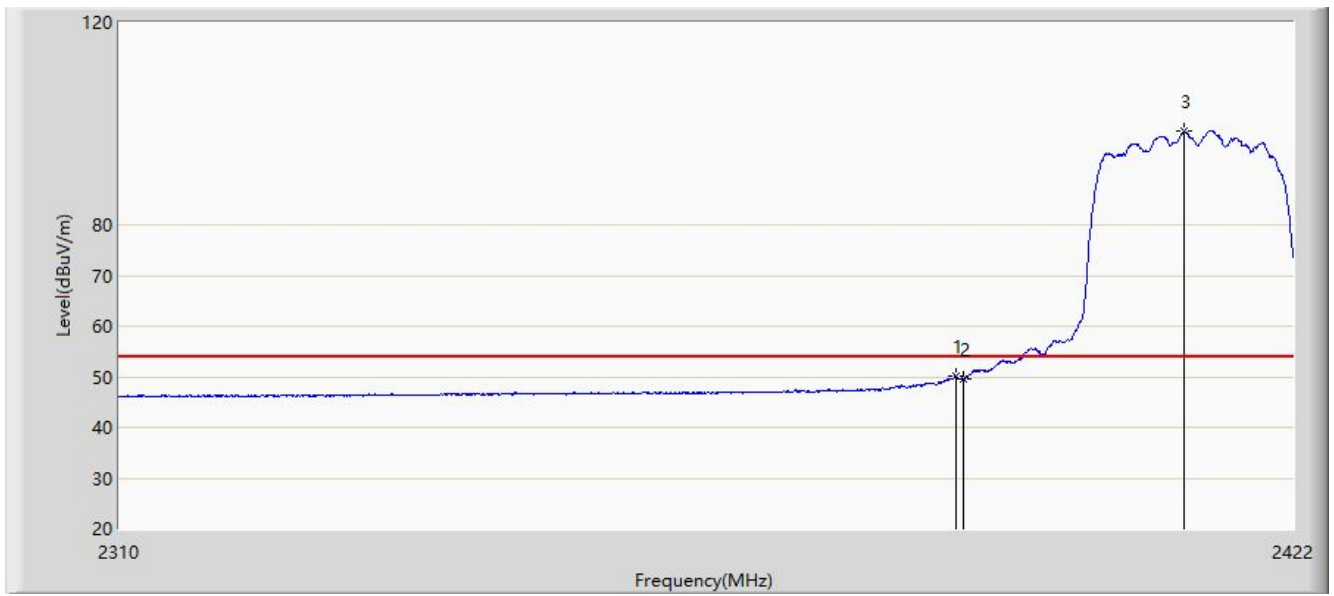


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.800	69.017	36.306	-4.983	74.000	32.711	PK
2			2390.000	64.716	32.004	-9.284	74.000	32.712	PK
3		*	2413.544	108.068	75.340	N/A	N/A	32.729	PK

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

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

Site: AC1	Time: 2020/08/18 - 00:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz (CDD Mode)	

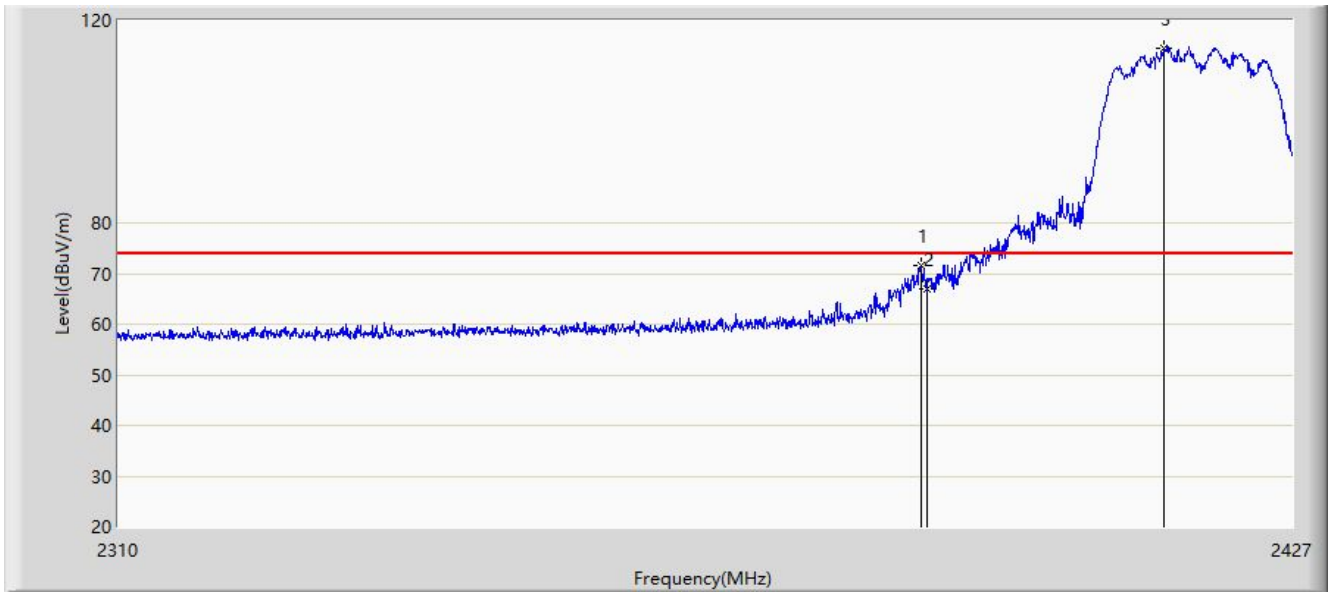


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.296	50.001	17.292	-3.999	54.000	32.709	AV
2			2390.000	49.581	16.869	-4.419	54.000	32.712	AV
3		*	2411.416	98.433	65.702	N/A	N/A	32.730	AV

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

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

Site: AC1	Time: 2020/08/18 - 00:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2417MHz (CDD Mode)	

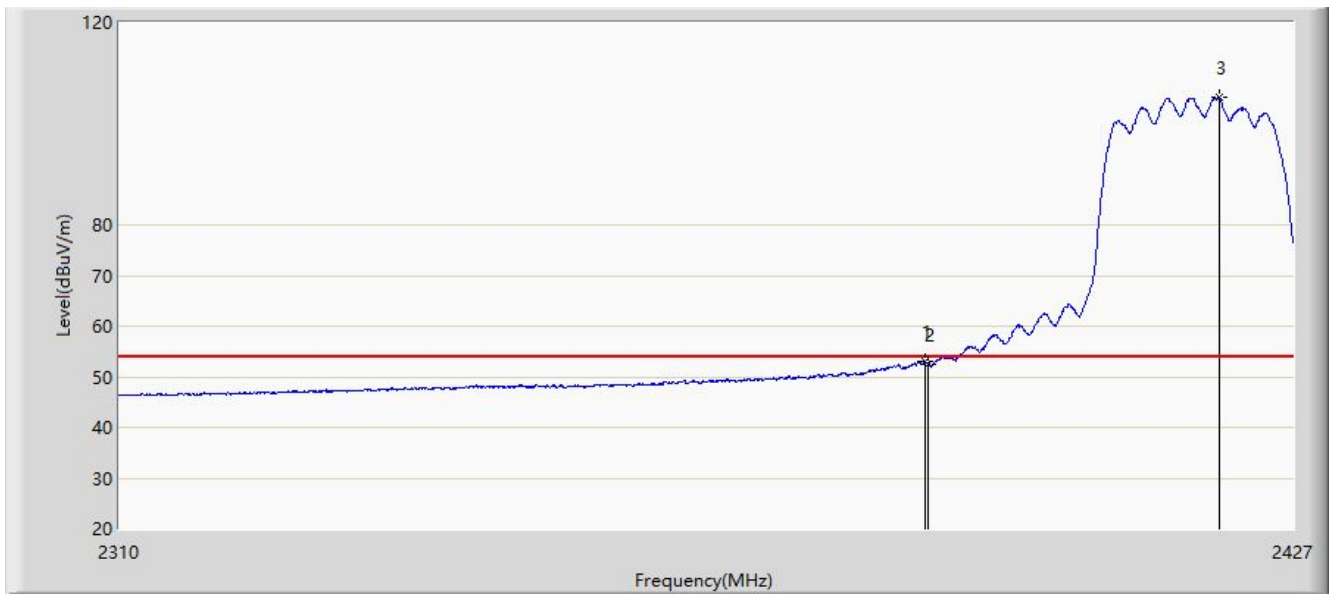


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.385	71.586	38.877	-2.414	74.000	32.709	PK
2			2390.000	66.855	34.143	-7.145	74.000	32.712	PK
3		*	2414.013	114.633	81.905	N/A	N/A	32.728	PK

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

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

Site: AC1	Time: 2020/08/18 - 00:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2417MHz (CDD Mode)	

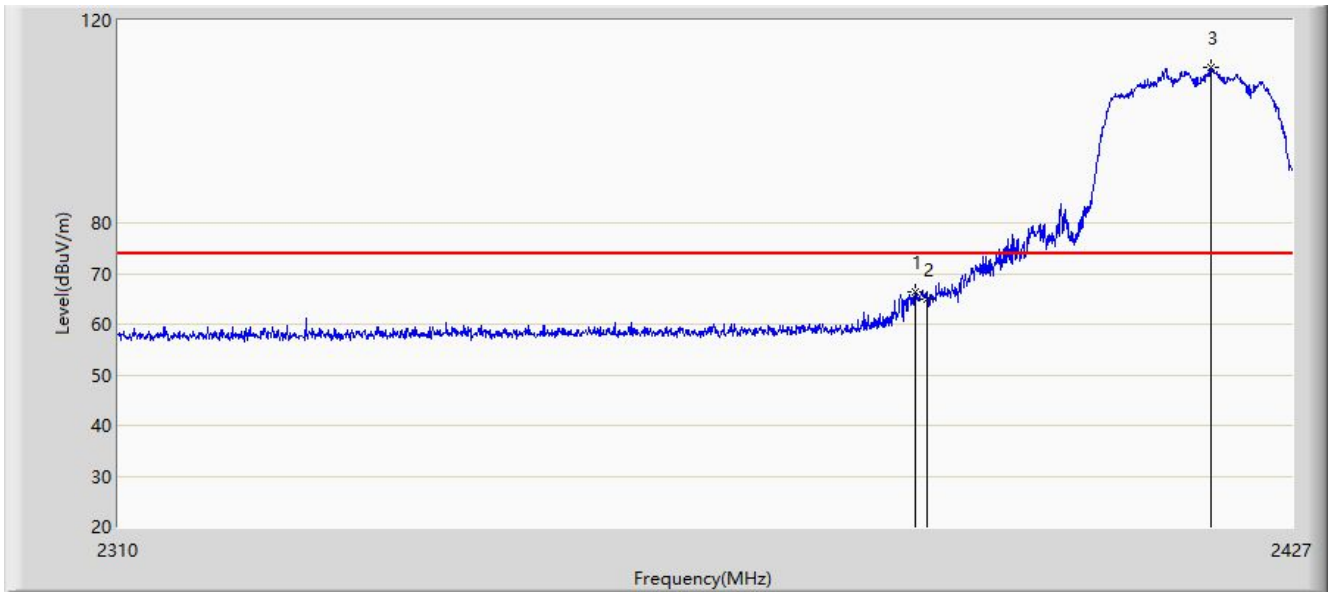


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.794	53.010	20.299	-0.990	54.000	32.710	AV
2			2390.000	52.556	19.844	-1.444	54.000	32.712	AV
3		*	2419.454	105.289	72.556	N/A	N/A	32.733	AV

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

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

Site: AC1	Time: 2020/08/18 - 00:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2417MHz (CDD Mode)	

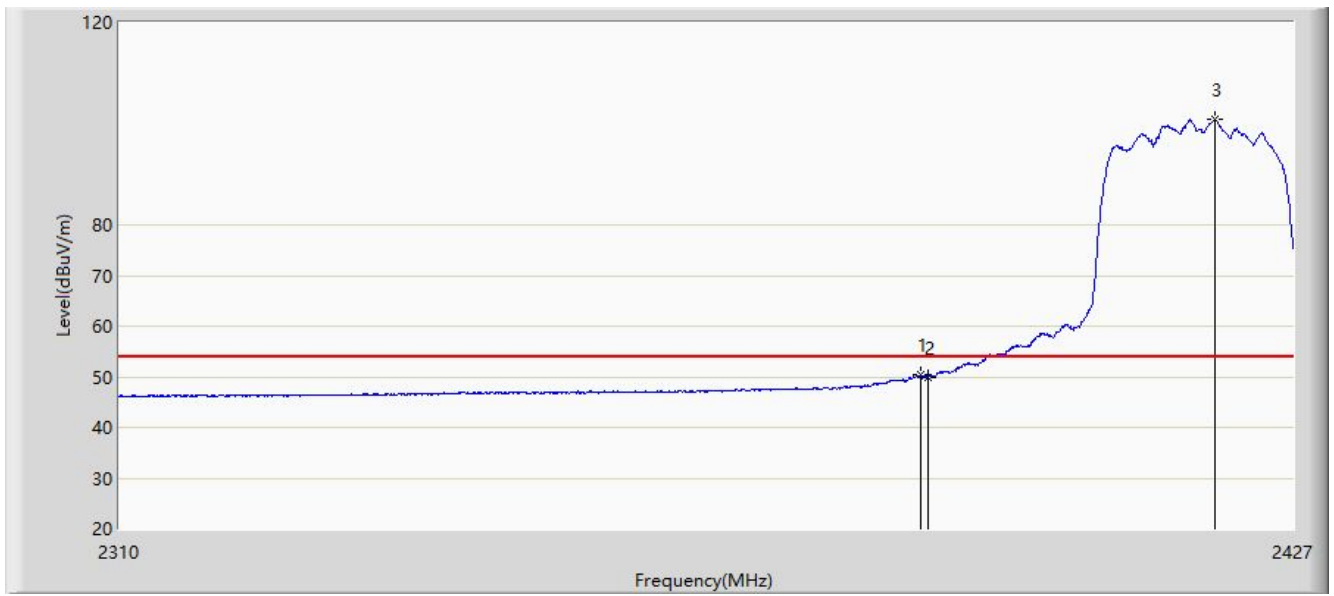


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.800	66.408	33.702	-7.592	74.000	32.707	PK
2			2390.000	65.069	32.357	-8.931	74.000	32.712	PK
3		*	2418.751	110.611	77.879	N/A	N/A	32.731	PK

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

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

Site: AC1	Time: 2020/08/18 - 00:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2417MHz (CDD Mode)	

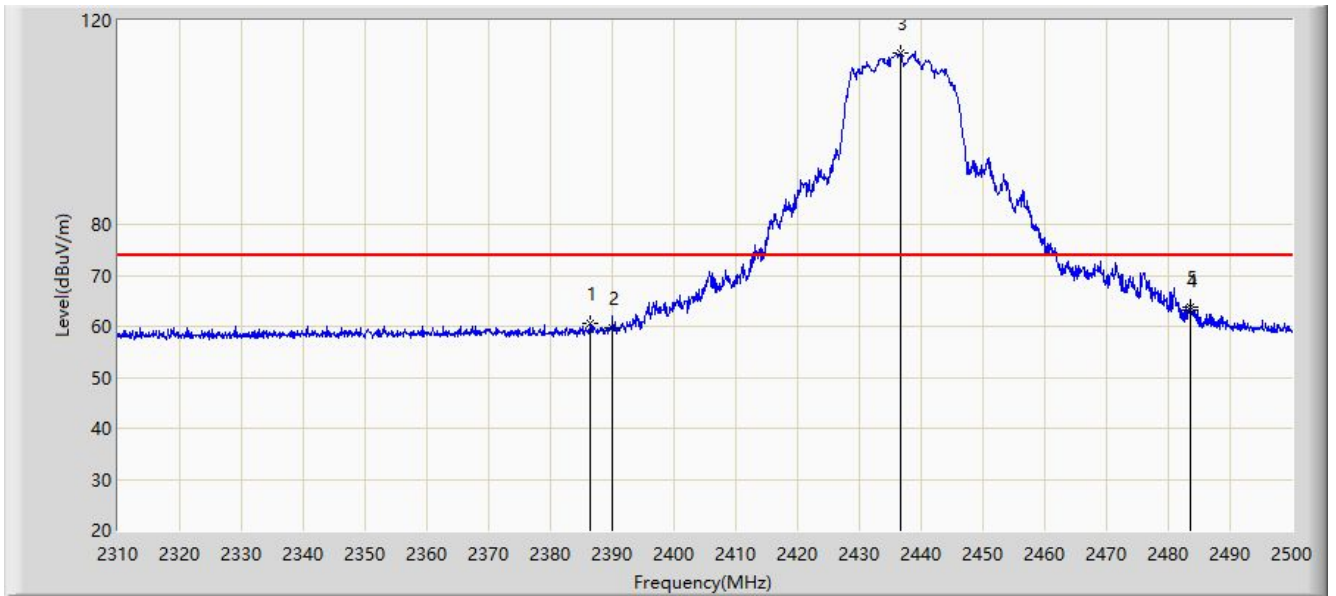


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.268	50.322	17.614	-3.678	54.000	32.709	AV
2			2390.000	49.966	17.254	-4.034	54.000	32.712	AV
3		*	2419.044	100.922	68.190	N/A	N/A	32.732	AV

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

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

Site: AC1	Time: 2020/08/20 - 14:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz (CDD Mode)	

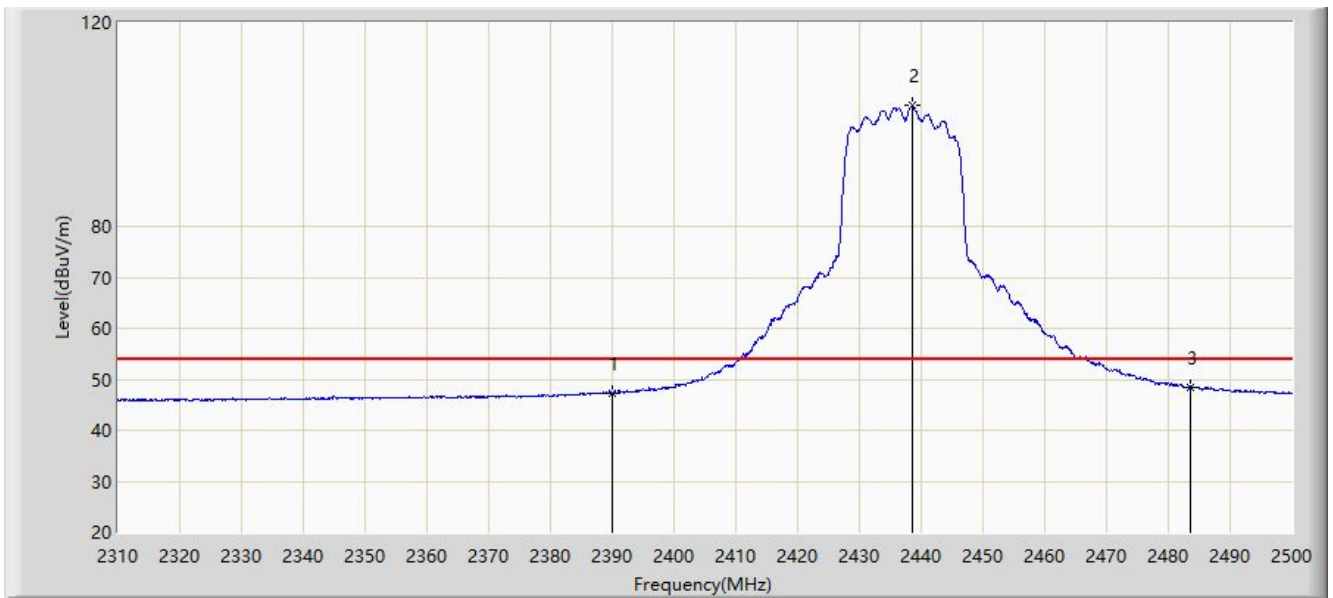


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.380	60.598	27.903	-13.402	74.000	32.695	PK
2			2390.000	59.833	27.121	-14.167	74.000	32.712	PK
3		*	2436.635	113.663	80.911	N/A	N/A	32.752	PK
4			2483.500	63.095	30.445	-10.905	74.000	32.651	PK
5			2483.660	63.876	31.227	-10.124	74.000	32.649	PK

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

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

Site: AC1	Time: 2020/08/20 - 14:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz (CDD Mode)	

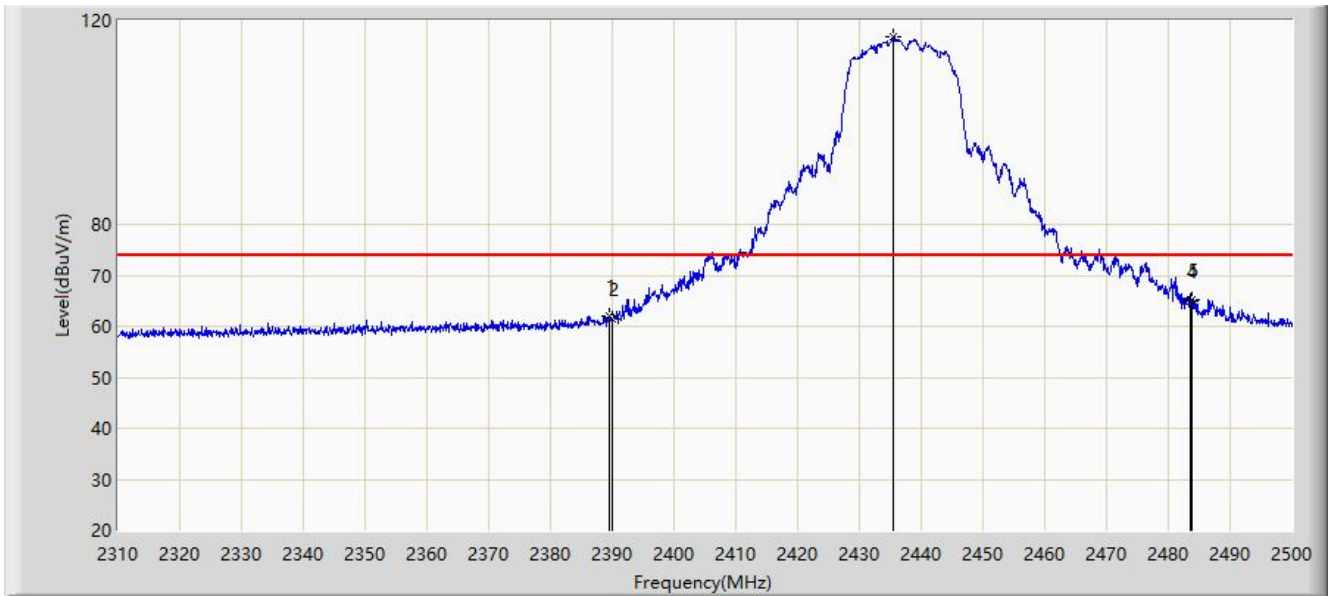


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.304	14.592	-6.696	54.000	32.712	AV
2		*	2438.535	103.706	70.958	N/A	N/A	32.749	AV
3			2483.500	48.550	15.900	-5.450	54.000	32.651	AV

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

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

Site: AC1	Time: 2020/08/20 - 14:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz (CDD Mode)	

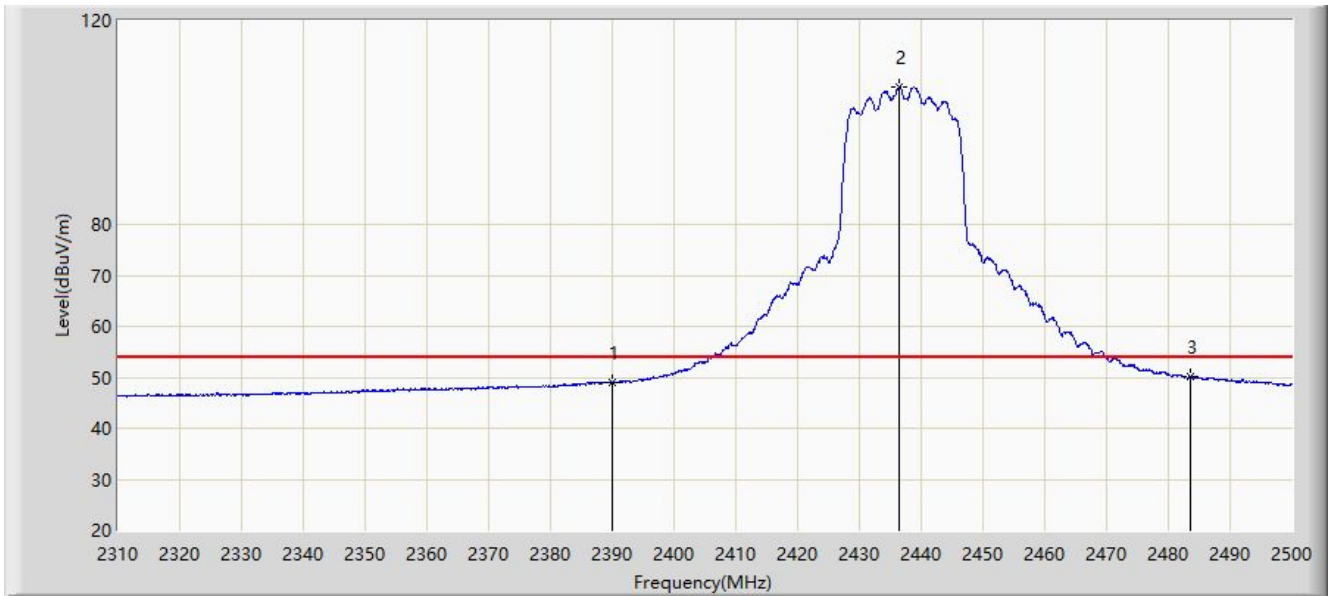


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.515	62.017	29.307	-11.983	74.000	32.710	PK
2			2390.000	61.330	28.618	-12.670	74.000	32.712	PK
3		*	2435.590	116.787	84.033	N/A	N/A	32.754	PK
4			2483.500	64.861	32.211	-9.139	74.000	32.651	PK
5			2483.850	65.277	32.630	-8.723	74.000	32.647	PK

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

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

Site: AC1	Time: 2020/08/20 - 14:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz (CDD Mode)	

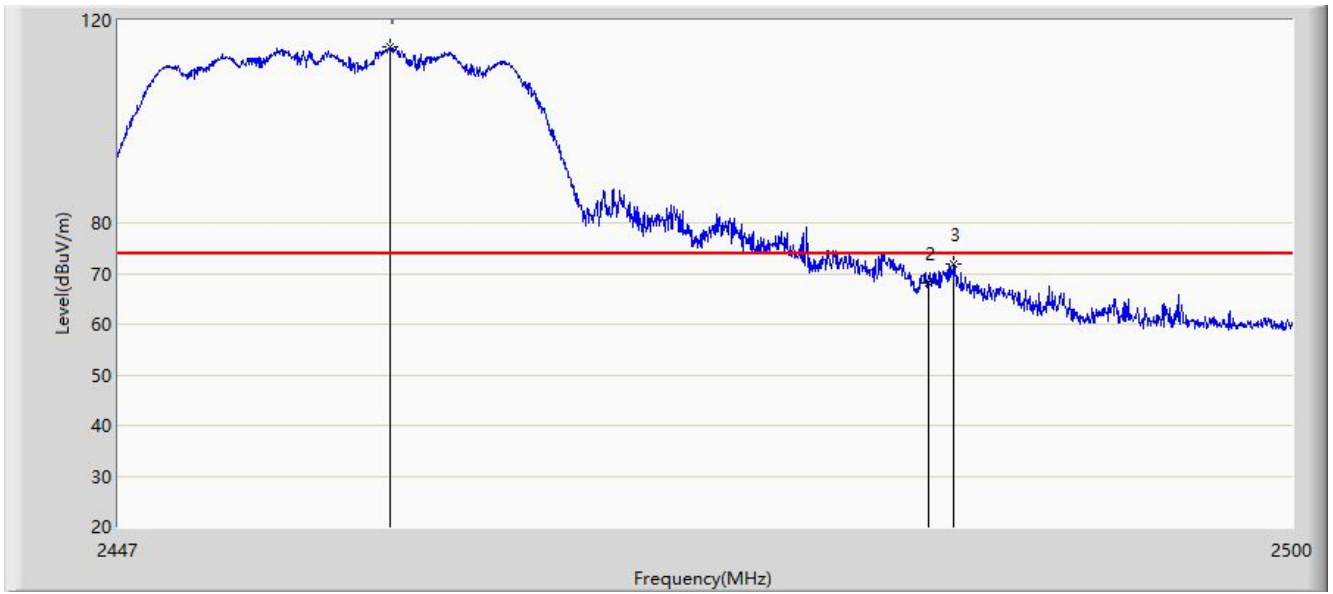


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	49.039	16.327	-4.961	54.000	32.712	AV
2		*	2436.445	106.987	74.235	N/A	N/A	32.753	AV
3			2483.500	50.030	17.380	-3.970	54.000	32.651	AV

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

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

Site: AC1	Time: 2020/08/18 - 00:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2457MHz (CDD Mode)	

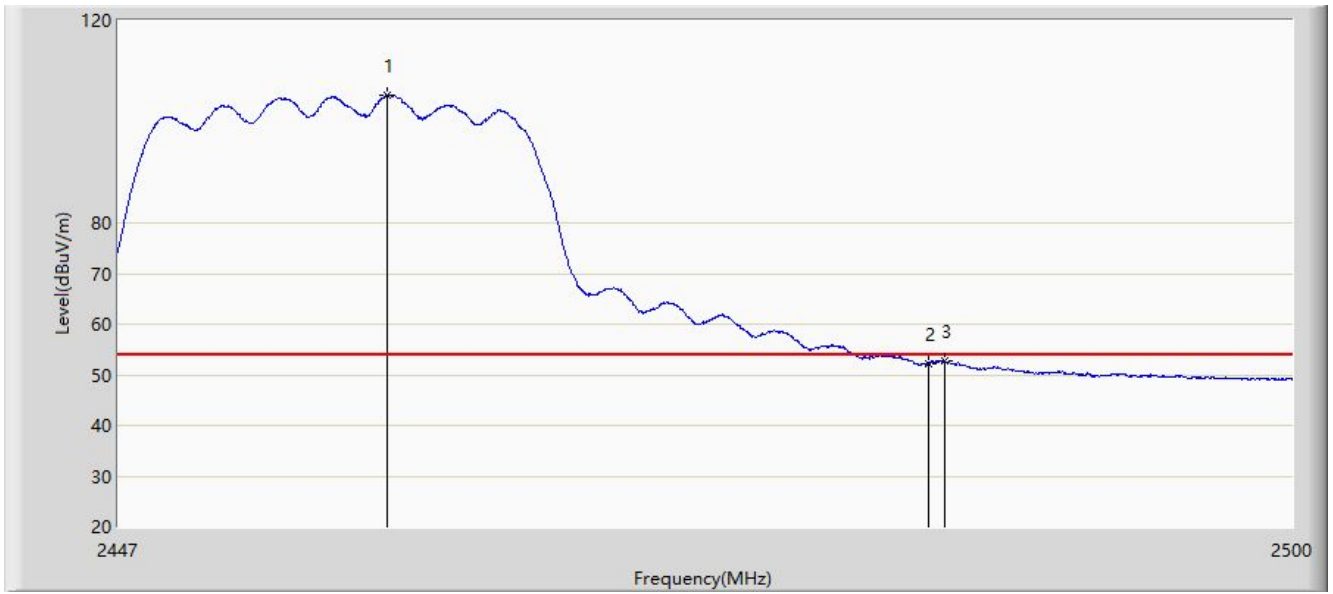


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.164	114.664	81.917	N/A	N/A	32.747	PK
2			2483.500	68.095	35.445	-5.905	74.000	32.651	PK
3			2484.630	71.774	39.133	-2.226	74.000	32.640	PK

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

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

Site: AC1	Time: 2020/08/18 - 01:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2457MHz (CDD Mode)	

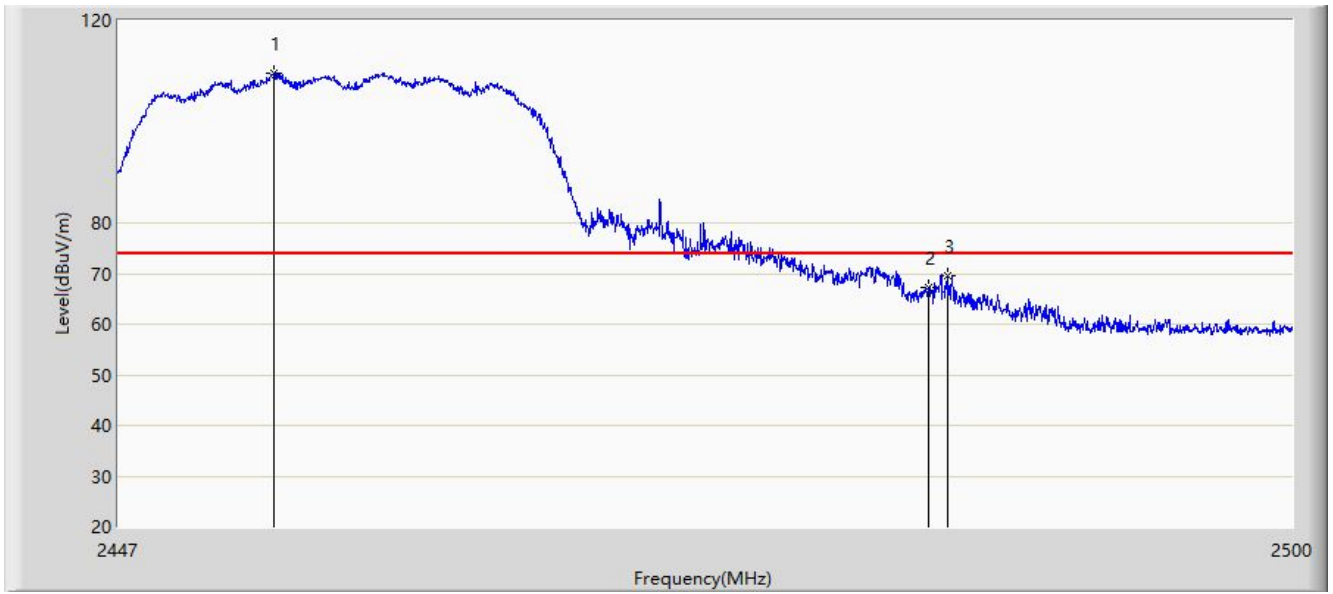


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.031	105.284	72.538	N/A	N/A	32.746	AV
2			2483.500	52.207	19.557	-1.793	54.000	32.651	AV
3			2484.206	52.735	20.091	-1.265	54.000	32.645	AV

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

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

Site: AC1	Time: 2020/08/18 - 01:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2457MHz (CDD Mode)	

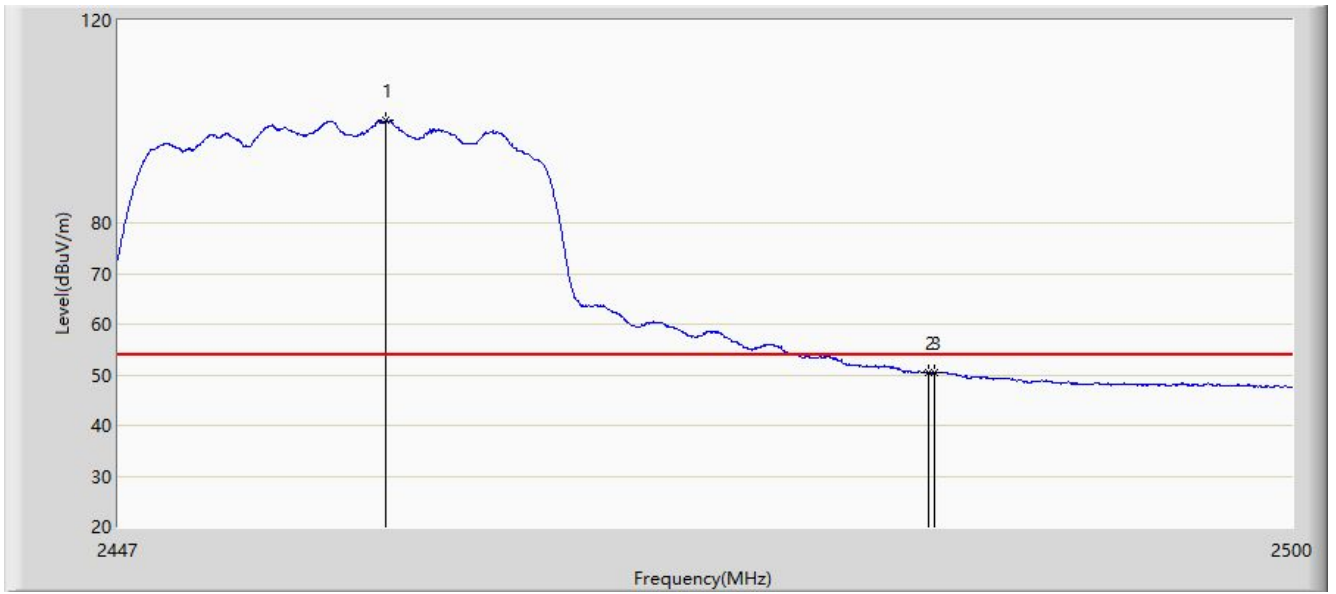


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2453.996	109.682	76.954	N/A	N/A	32.728	PK
2			2483.500	67.109	34.459	-6.891	74.000	32.651	PK
3			2484.365	69.583	36.940	-4.417	74.000	32.642	PK

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

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

Site: AC1	Time: 2020/08/18 - 01:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2457MHz (CDD Mode)	

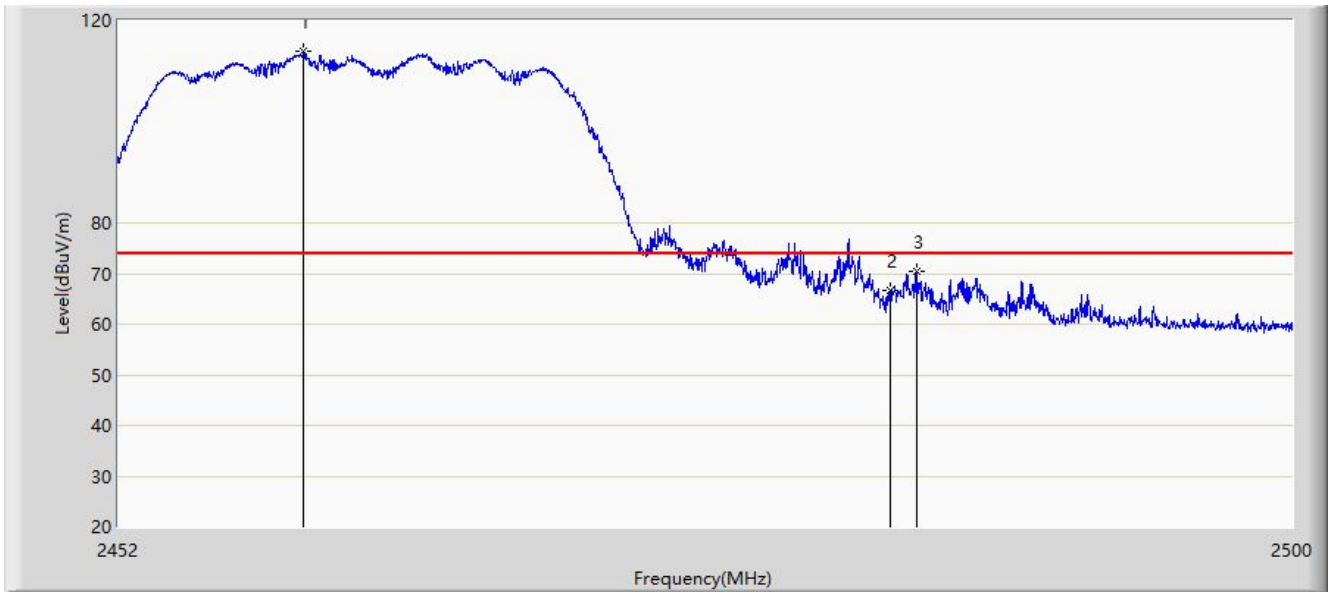


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.004	100.286	67.540	N/A	N/A	32.746	AV
2			2483.500	50.441	17.791	-3.559	54.000	32.651	AV
3			2483.756	50.546	17.898	-3.454	54.000	32.648	AV

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

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

Site: AC1	Time: 2020/08/18 - 01:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz (CDD Mode)	

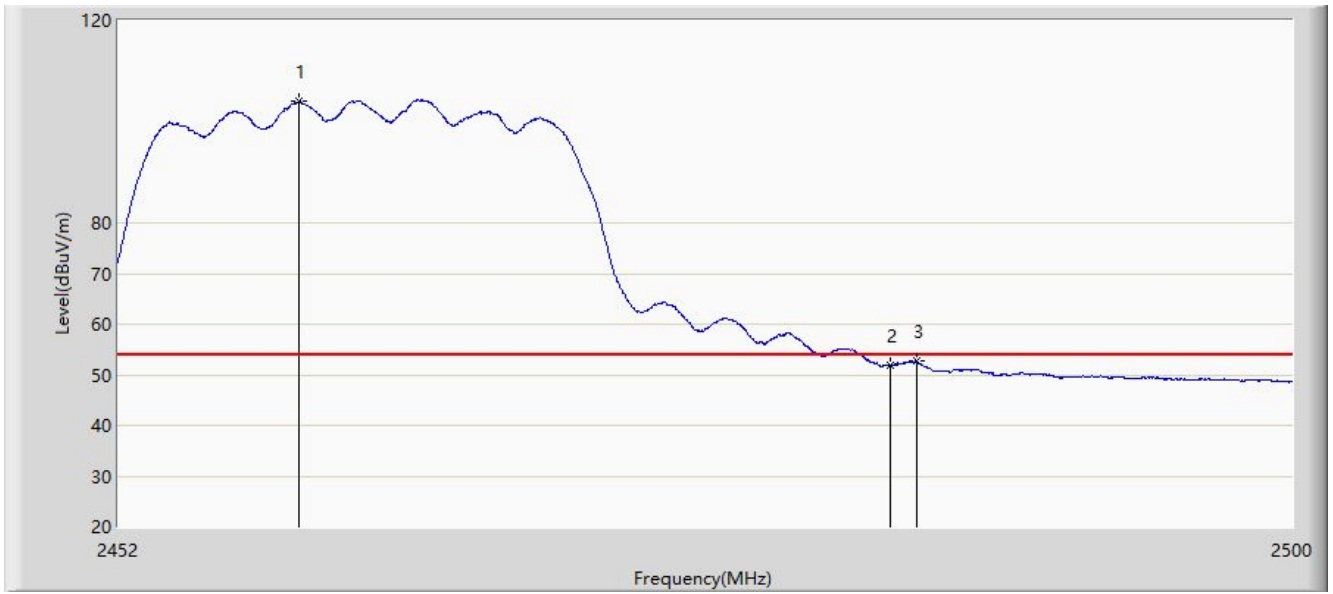


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.536	113.868	81.120	N/A	N/A	32.748	PK
2			2483.500	66.688	34.038	-7.312	74.000	32.651	PK
3			2484.544	70.515	37.874	-3.485	74.000	32.641	PK

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

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

Site: AC1	Time: 2020/08/18 - 01:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz (CDD Mode)	

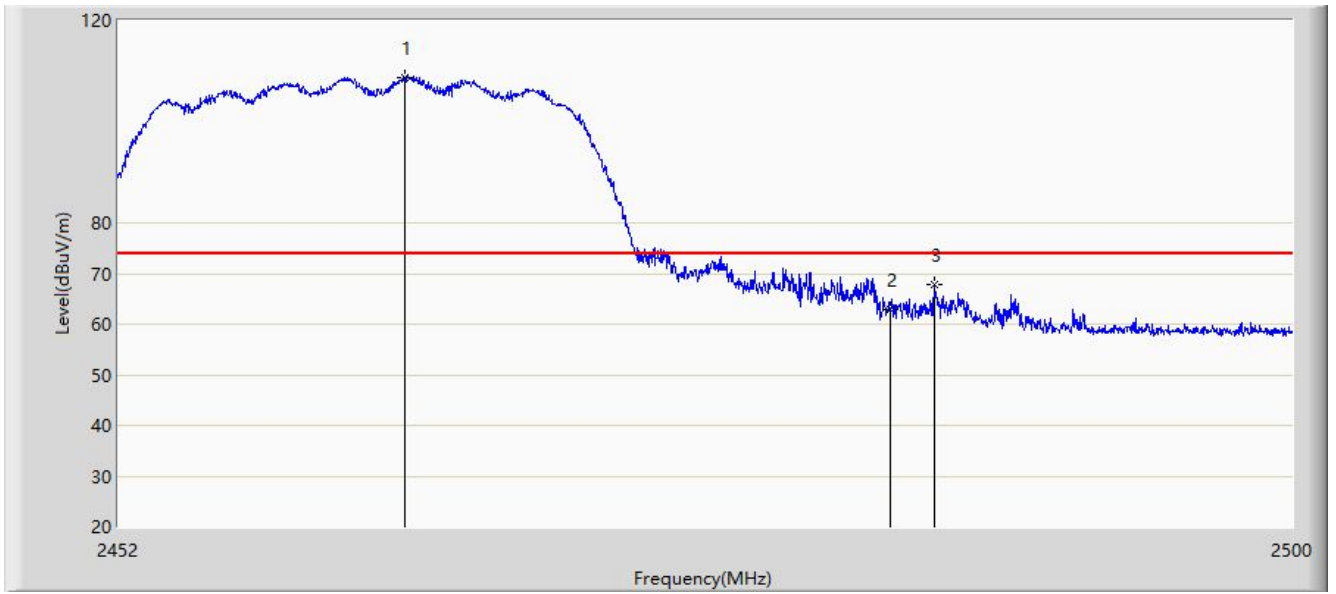


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.344	104.010	71.263	N/A	N/A	32.747	AV
2			2483.500	51.931	19.281	-2.069	54.000	32.651	AV
3			2484.544	52.682	20.041	-1.318	54.000	32.641	AV

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

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

Site: AC1	Time: 2020/08/18 - 01:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz (CDD Mode)	

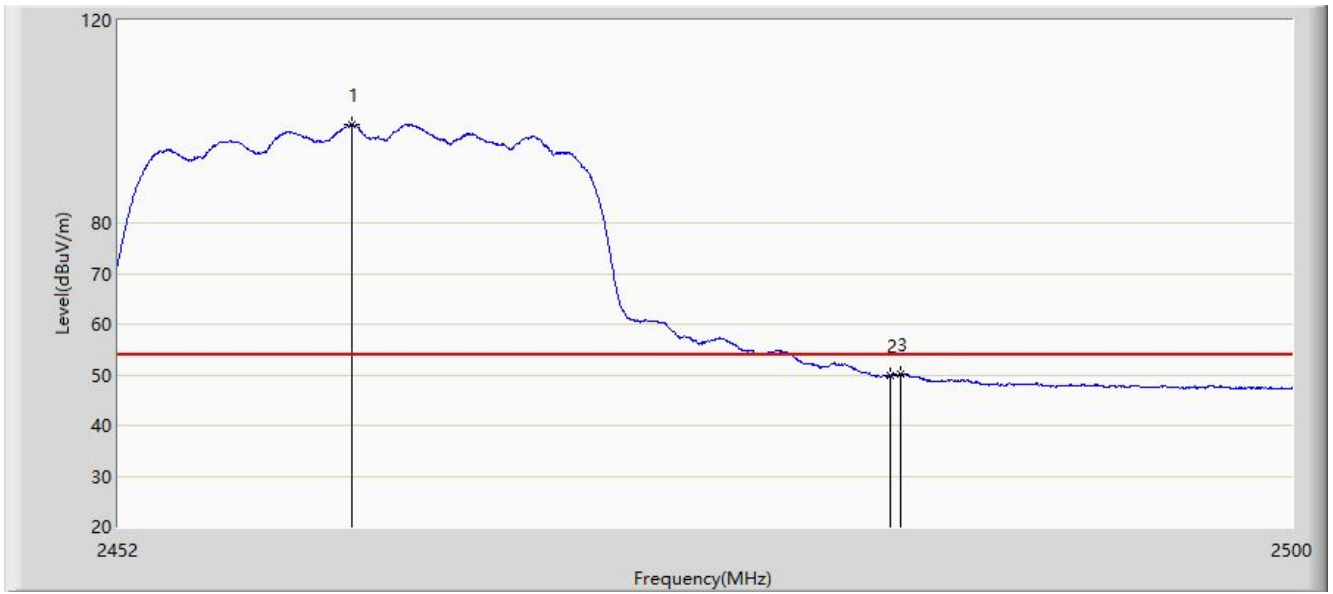


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.616	108.779	76.017	N/A	N/A	32.762	PK
2			2483.500	62.885	30.235	-11.115	74.000	32.651	PK
3			2485.312	67.795	35.160	-6.205	74.000	32.634	PK

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

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

Site: AC1	Time: 2020/08/18 - 01:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Antony Yang
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz (CDD Mode)	

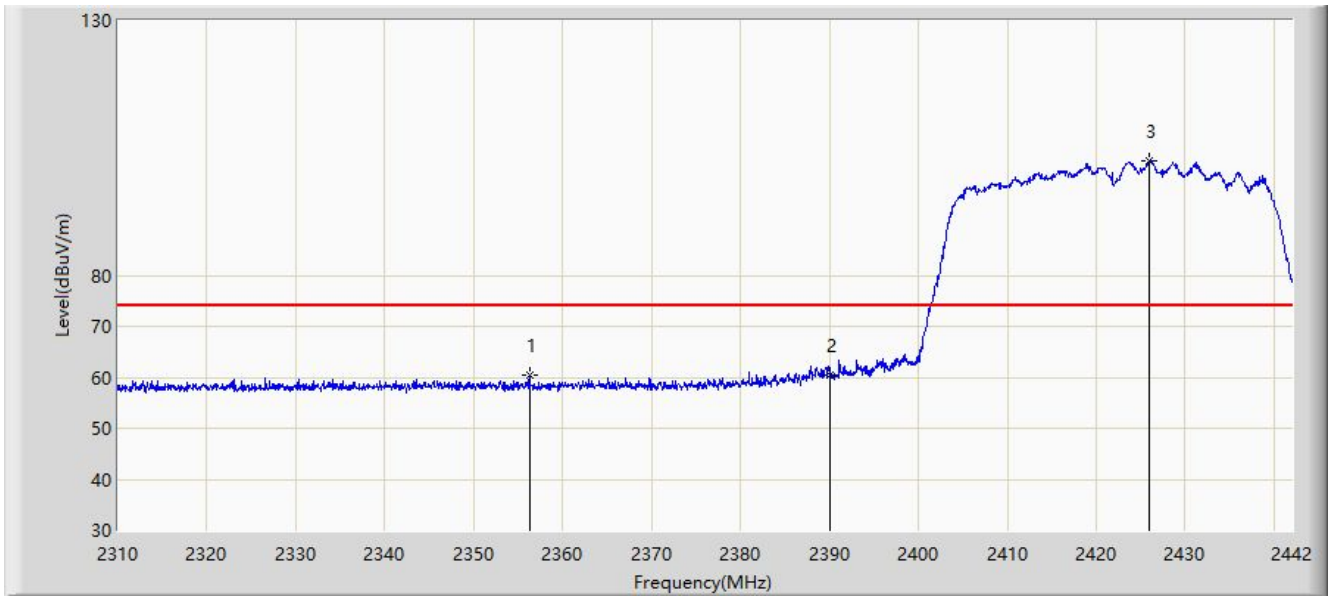


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.480	99.360	66.605	N/A	N/A	32.755	AV
2			2483.500	49.875	17.225	-4.125	54.000	32.651	AV
3			2483.920	50.133	17.486	-3.867	54.000	32.647	AV

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

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

Site: AC1	Time: 2020/08/26 - 20:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz (CDD Mode)	

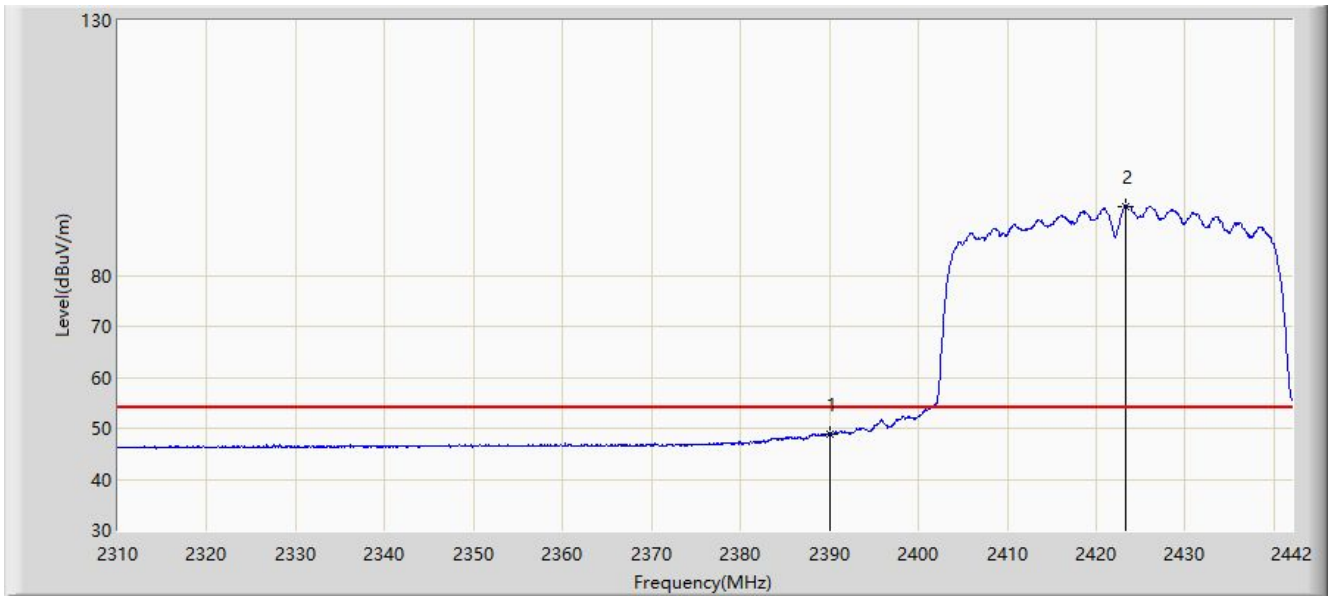


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2356.266	60.312	27.540	-13.688	74.000	32.772	PK
2			2390.000	60.491	27.779	-13.509	74.000	32.712	PK
3		*	2425.896	102.419	69.675	N/A	N/A	32.745	PK

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

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

Site: AC1	Time: 2020/08/26 - 20:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz (CDD Mode)	

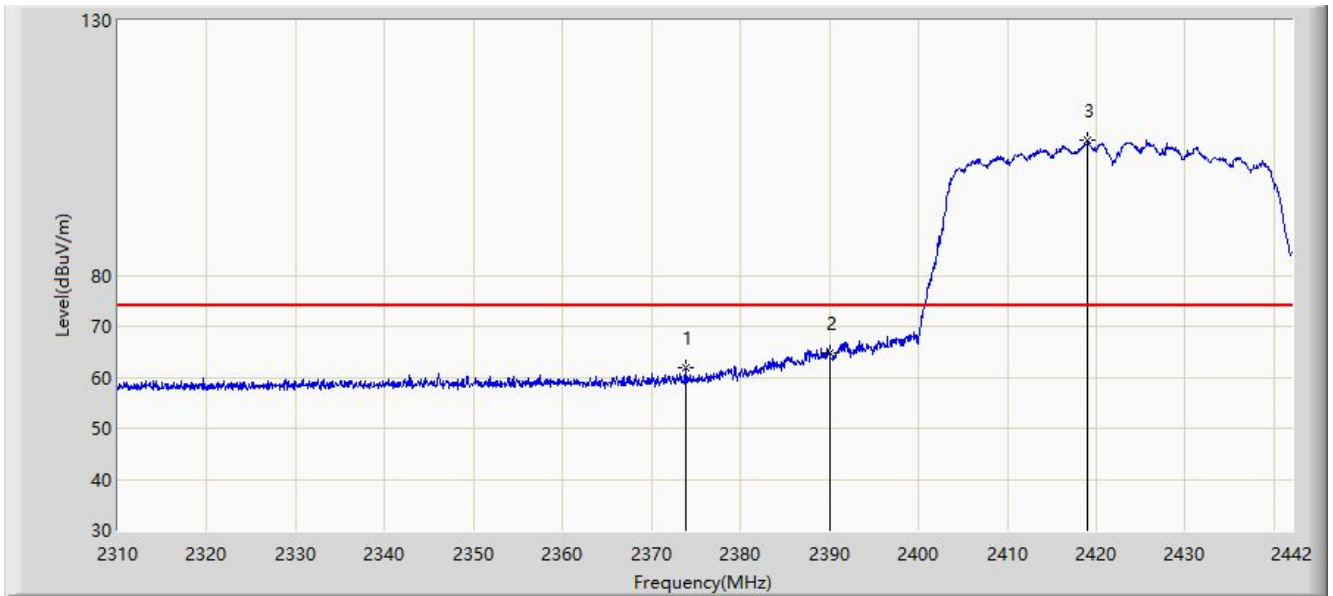


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.958	16.246	-5.042	54.000	32.712	AV
2		*	2423.256	93.588	60.848	N/A	N/A	32.740	AV

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

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

Site: AC1	Time: 2020/08/26 - 20:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz (CDD Mode)	

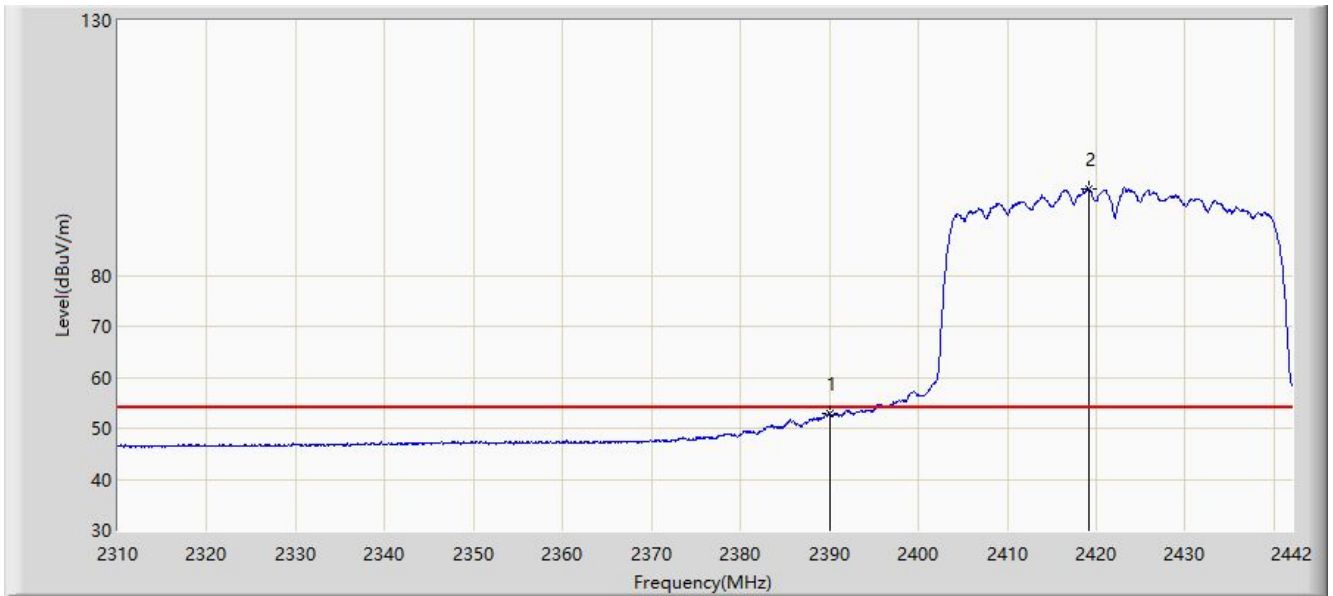


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2373.822	61.926	29.231	-12.074	74.000	32.694	PK
2			2390.000	64.772	32.060	-9.228	74.000	32.712	PK
3		*	2419.032	106.398	73.666	N/A	N/A	32.732	PK

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

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

Site: AC1	Time: 2020/08/26 - 20:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz (CDD Mode)	

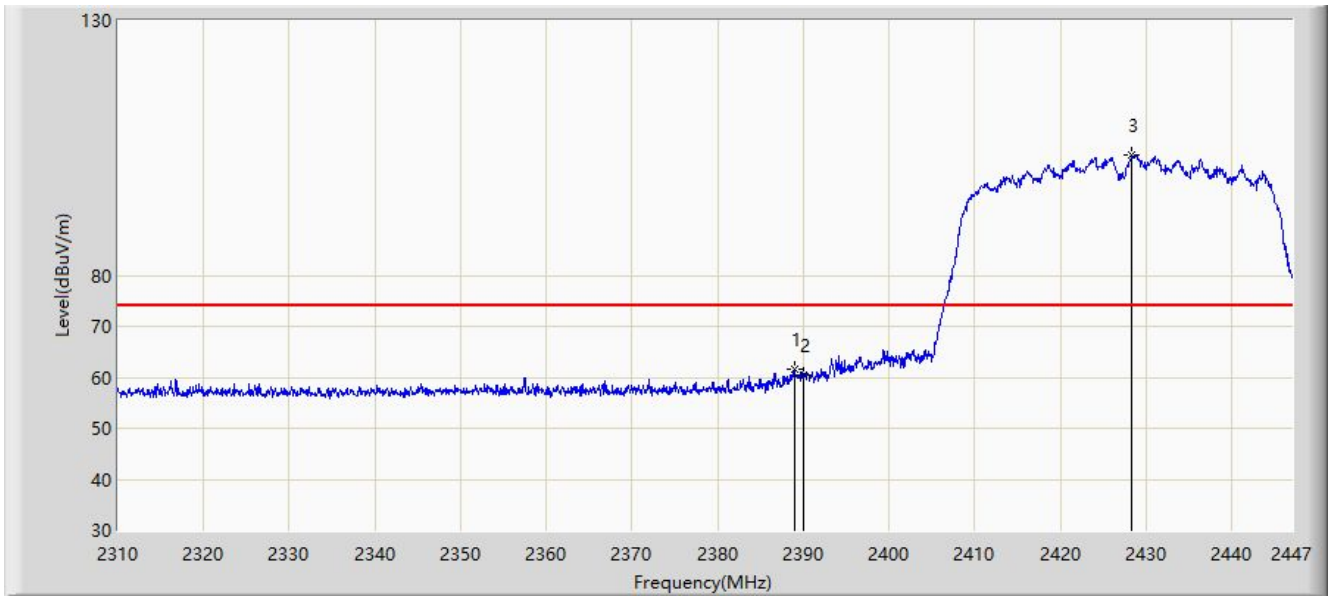


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.762	20.050	-1.238	54.000	32.712	AV
2		*	2419.164	96.970	64.238	N/A	N/A	32.732	AV

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

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

Site: AC1	Time: 2020/08/26 - 21:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2427MHz (CDD Mode)	

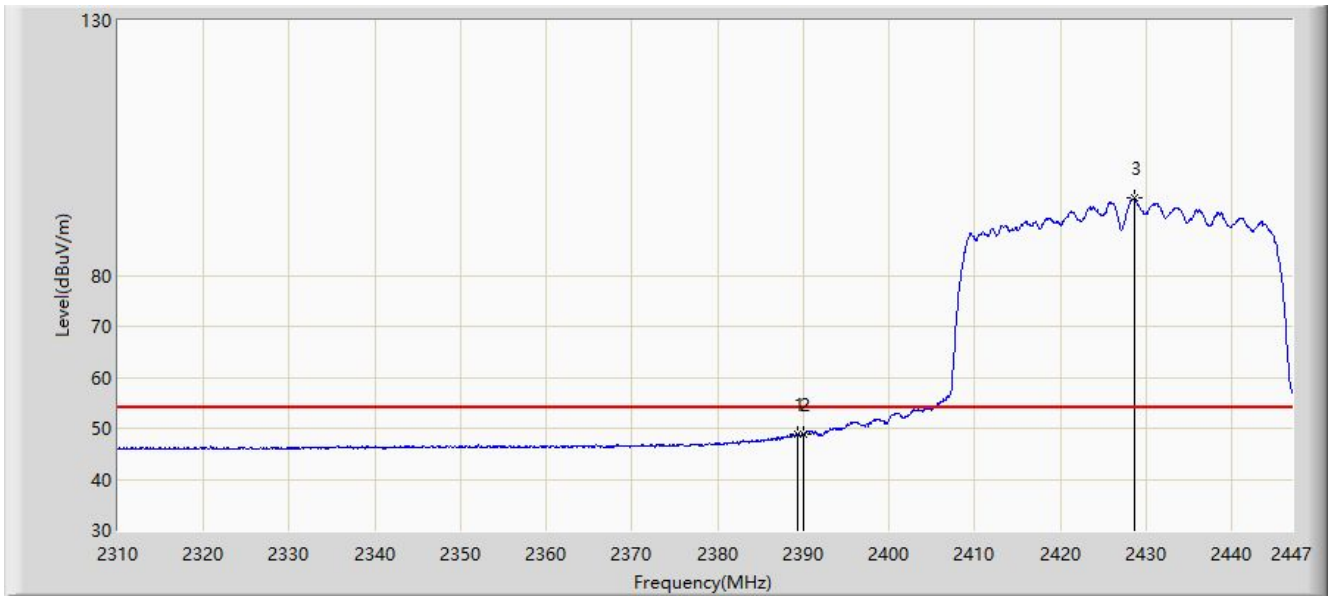


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.912	61.583	28.876	-12.417	74.000	32.706	PK
2			2390.000	60.454	27.742	-13.546	74.000	32.712	PK
3		*	2428.368	103.485	70.736	N/A	N/A	32.749	PK

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

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

Site: AC1	Time: 2020/08/26 - 21:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2427MHz (CDD Mode)	

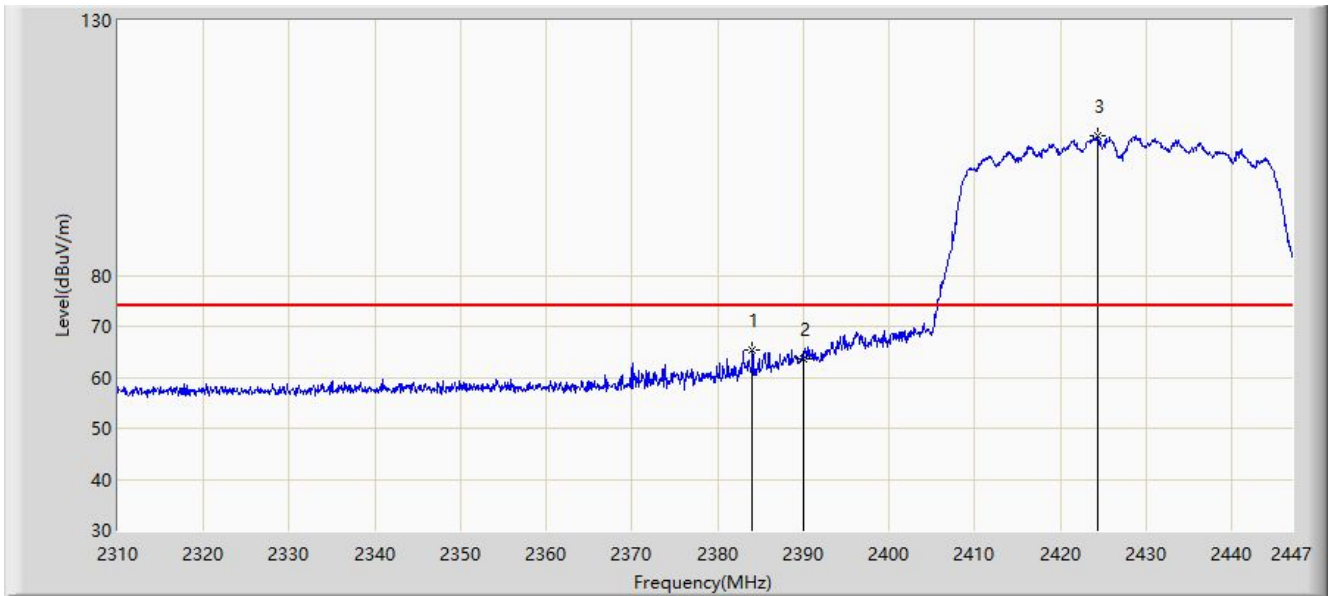


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.254	48.820	16.112	-5.180	54.000	32.709	AV
2			2390.000	48.749	16.037	-5.251	54.000	32.712	AV
3		*	2428.573	95.168	62.419	N/A	N/A	32.749	AV

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

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

Site: AC1	Time: 2020/08/26 - 21:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2427MHz (CDD Mode)	

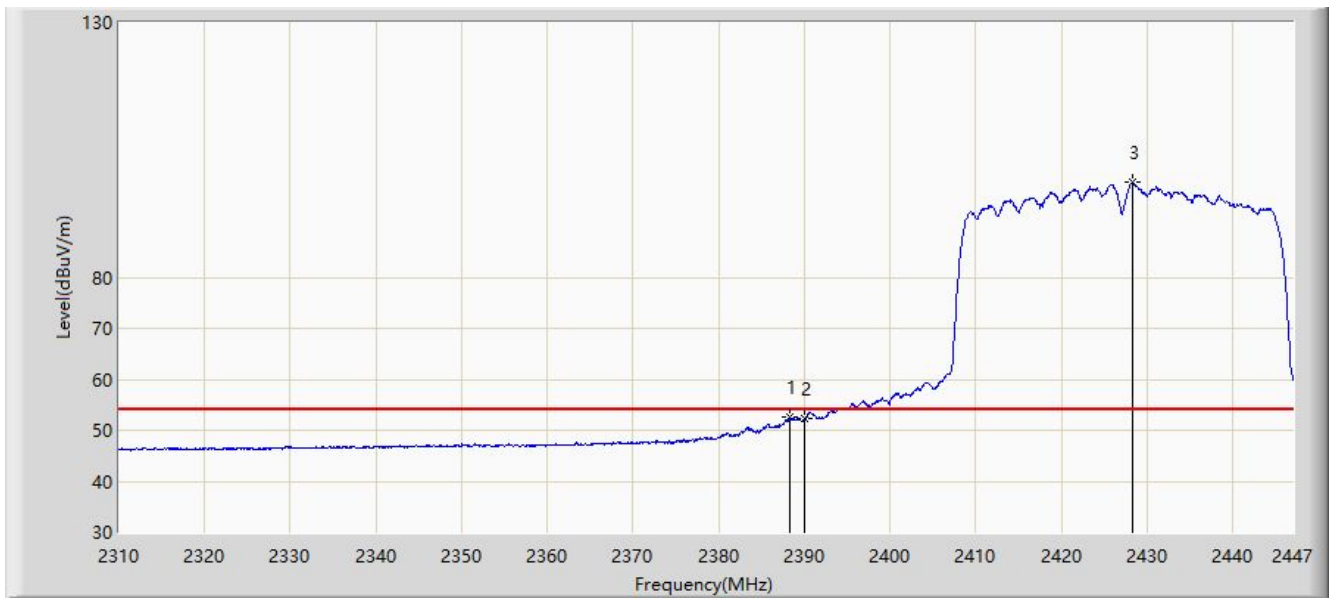


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2384.049	65.351	32.667	-8.649	74.000	32.684	PK
2			2390.000	63.619	30.907	-10.381	74.000	32.712	PK
3		*	2424.258	107.383	74.642	N/A	N/A	32.742	PK

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

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

Site: AC1	Time: 2020/08/26 - 21:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2427MHz (CDD Mode)	

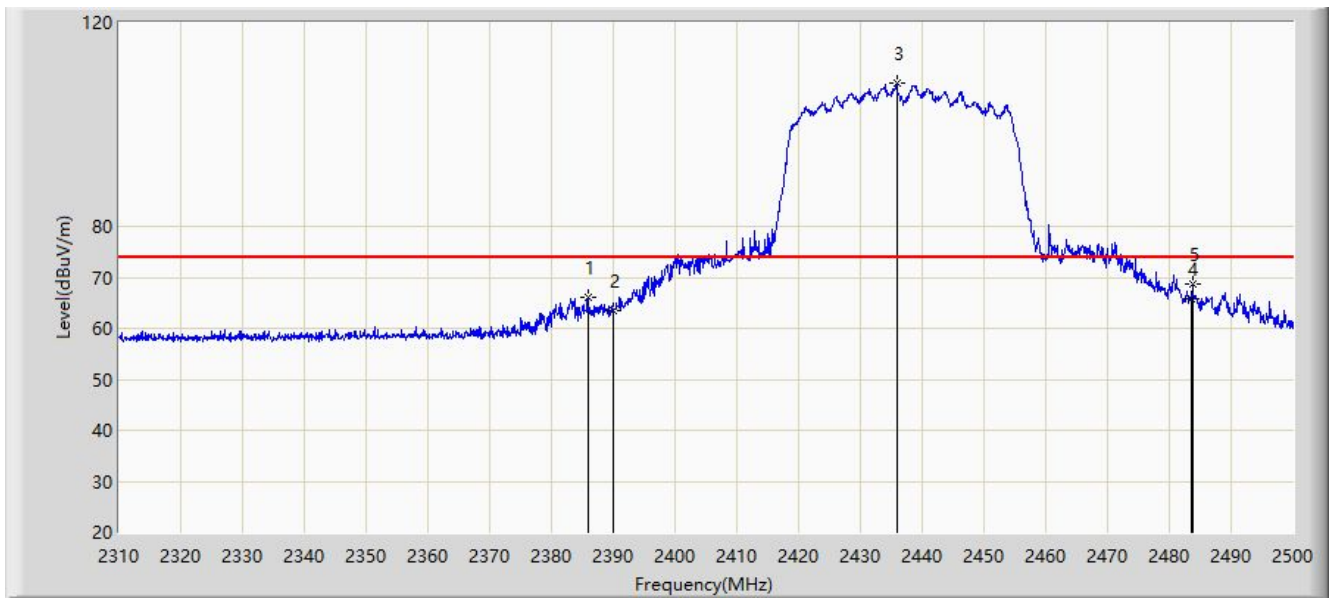


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.364	52.503	19.799	-1.497	54.000	32.705	AV
2			2390.000	52.372	19.660	-1.628	54.000	32.712	AV
3		*	2428.231	98.640	65.892	N/A	N/A	32.749	AV

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

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

Site: AC1	Time: 2020/08/27 - 10:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz (CDD Mode)	

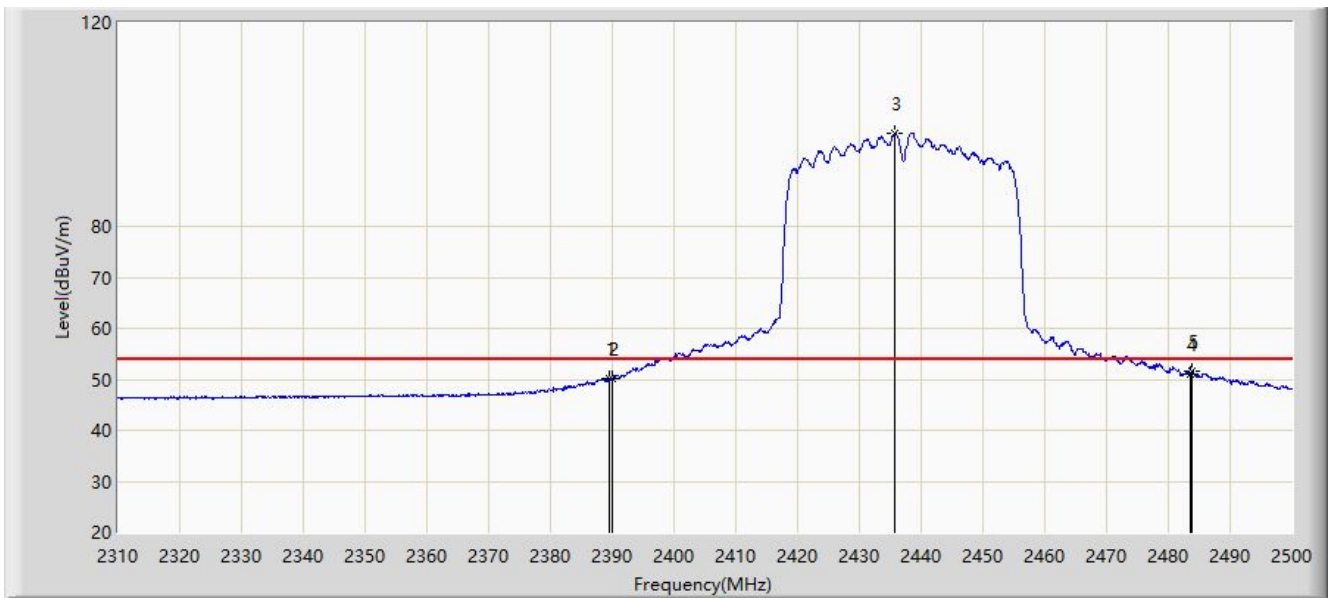


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.905	66.026	33.333	-7.974	74.000	32.693	PK
2			2390.000	63.481	30.769	-10.519	74.000	32.712	PK
3		*	2435.875	108.051	75.298	N/A	N/A	32.753	PK
4			2483.500	65.763	33.113	-8.237	74.000	32.651	PK
5			2483.755	68.737	36.089	-5.263	74.000	32.648	PK

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

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

Site: AC1	Time: 2020/08/27 - 10:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz (CDD Mode)	

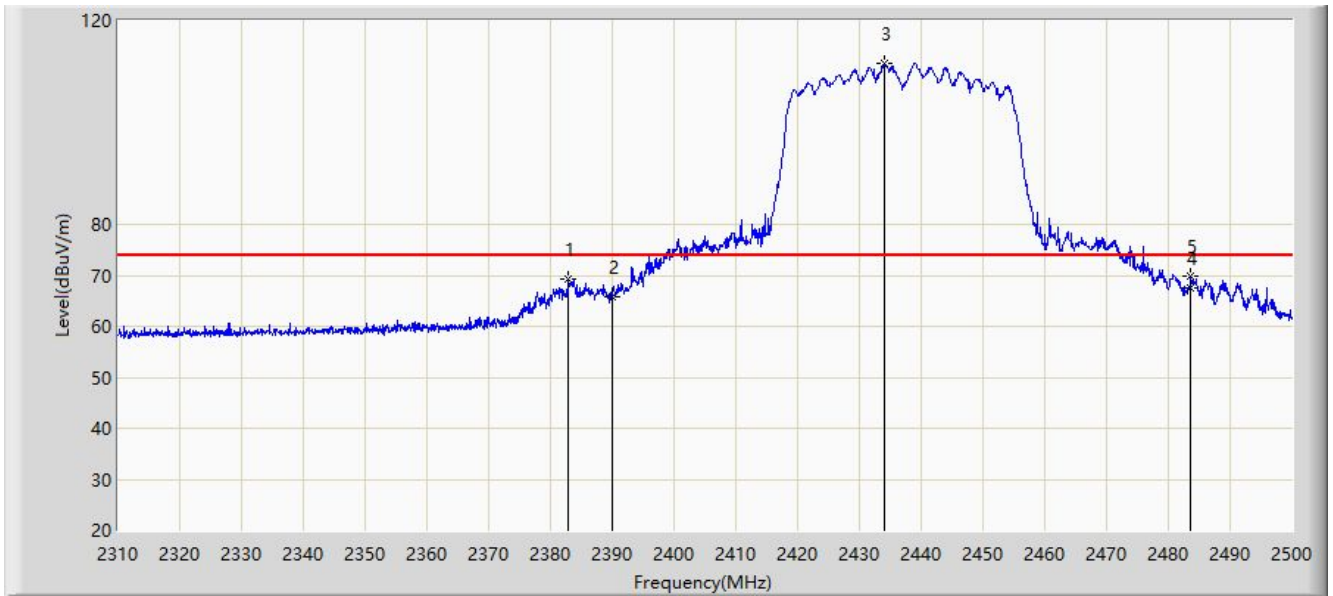


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.610	50.098	17.388	-3.902	54.000	32.710	AV
2			2390.000	50.026	17.314	-3.974	54.000	32.712	AV
3		*	2435.780	98.124	65.371	N/A	N/A	32.753	AV
4			2483.500	51.114	18.464	-2.886	54.000	32.651	AV
5			2483.755	51.476	18.828	-2.524	54.000	32.648	AV

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

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

Site: AC1	Time: 2020/08/27 - 10:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz (CDD Mode)	

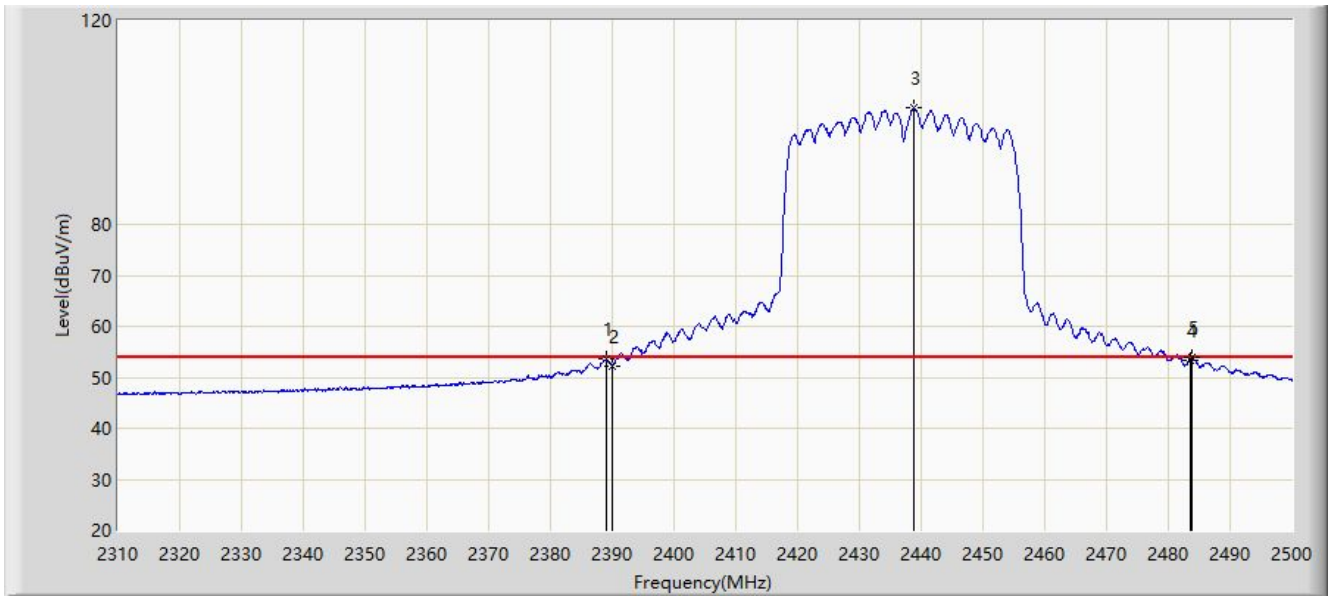


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2382.960	69.238	36.559	-4.762	74.000	32.679	PK
2			2390.000	65.789	33.077	-8.211	74.000	32.712	PK
3		*	2433.975	111.608	78.851	N/A	N/A	32.757	PK
4			2483.500	67.589	34.939	-6.411	74.000	32.651	PK
5			2483.660	69.805	37.156	-4.195	74.000	32.649	PK

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

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

Site: AC1	Time: 2020/08/27 - 10:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz (CDD Mode)	

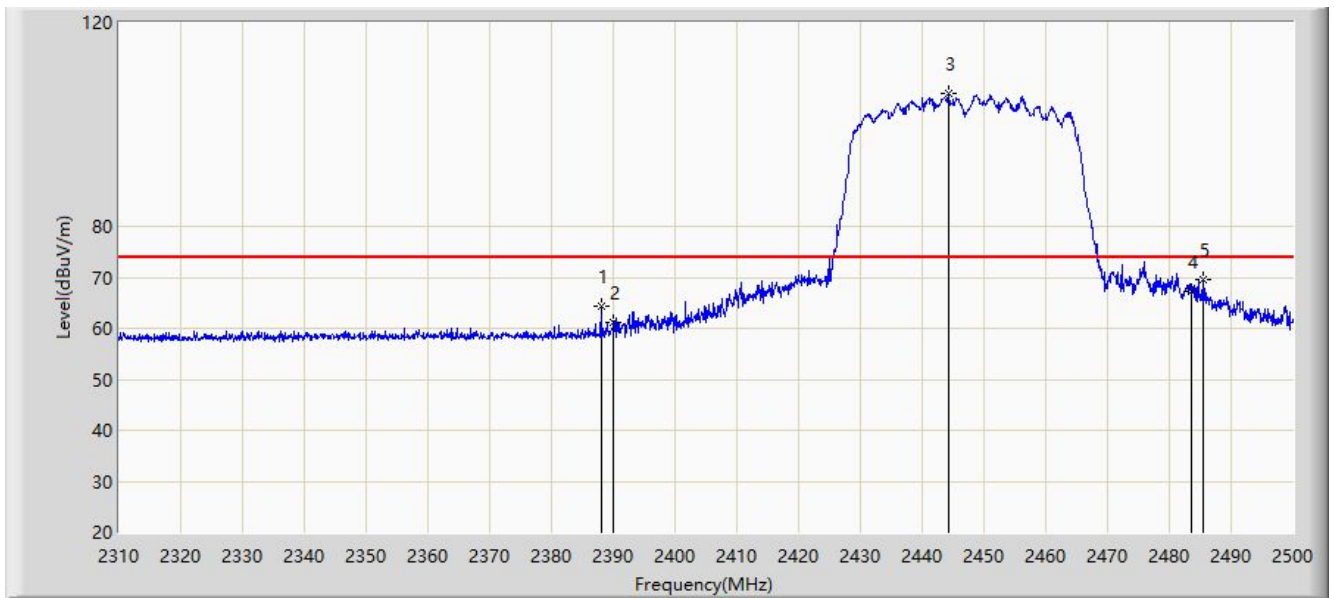


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.945	53.486	20.779	-0.514	54.000	32.707	AV
2			2390.000	52.316	19.604	-1.684	54.000	32.712	AV
3		*	2438.725	102.856	70.108	N/A	N/A	32.747	AV
4			2483.500	53.414	20.764	-0.586	54.000	32.651	AV
5			2483.850	53.852	21.205	-0.148	54.000	32.647	AV

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

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

Site: AC1	Time: 2020/08/27 - 10:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2447MHz (CDD Mode)	

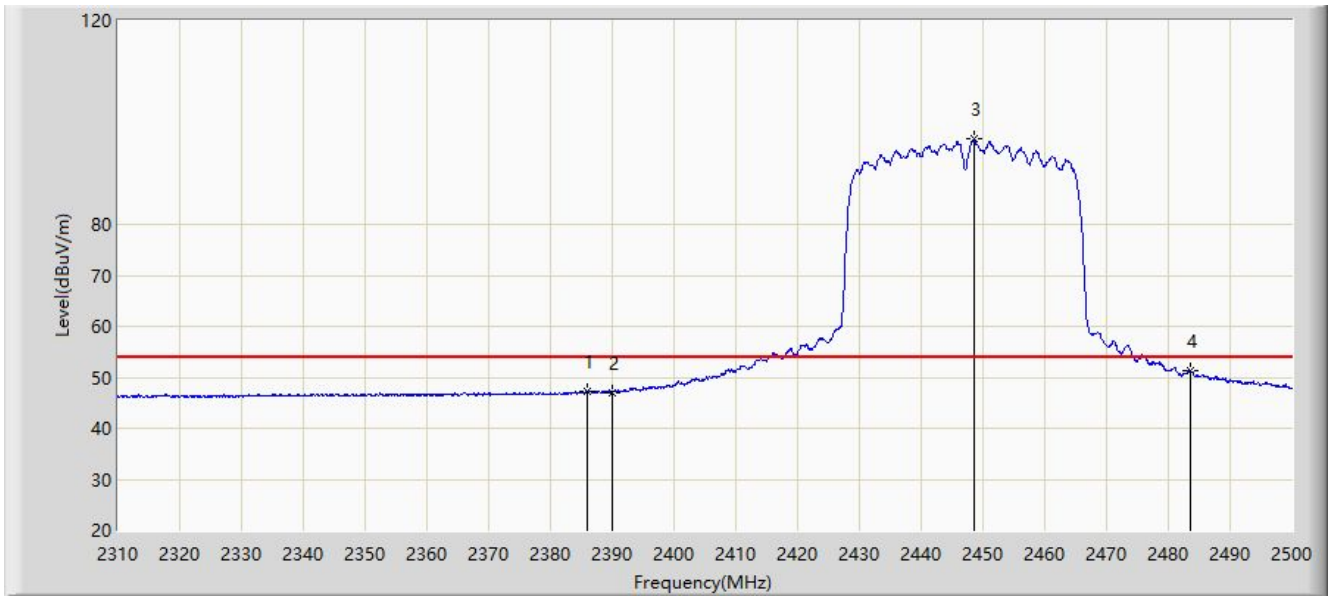


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.995	64.299	31.597	-9.701	74.000	32.702	PK
2			2390.000	61.246	28.534	-12.754	74.000	32.712	PK
3		*	2444.235	105.994	73.256	N/A	N/A	32.738	PK
4			2483.500	67.147	34.497	-6.853	74.000	32.651	PK
5			2485.370	69.645	37.011	-4.355	74.000	32.634	PK

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

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

Site: AC1	Time: 2020/08/27 - 10:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2447MHz (CDD Mode)	

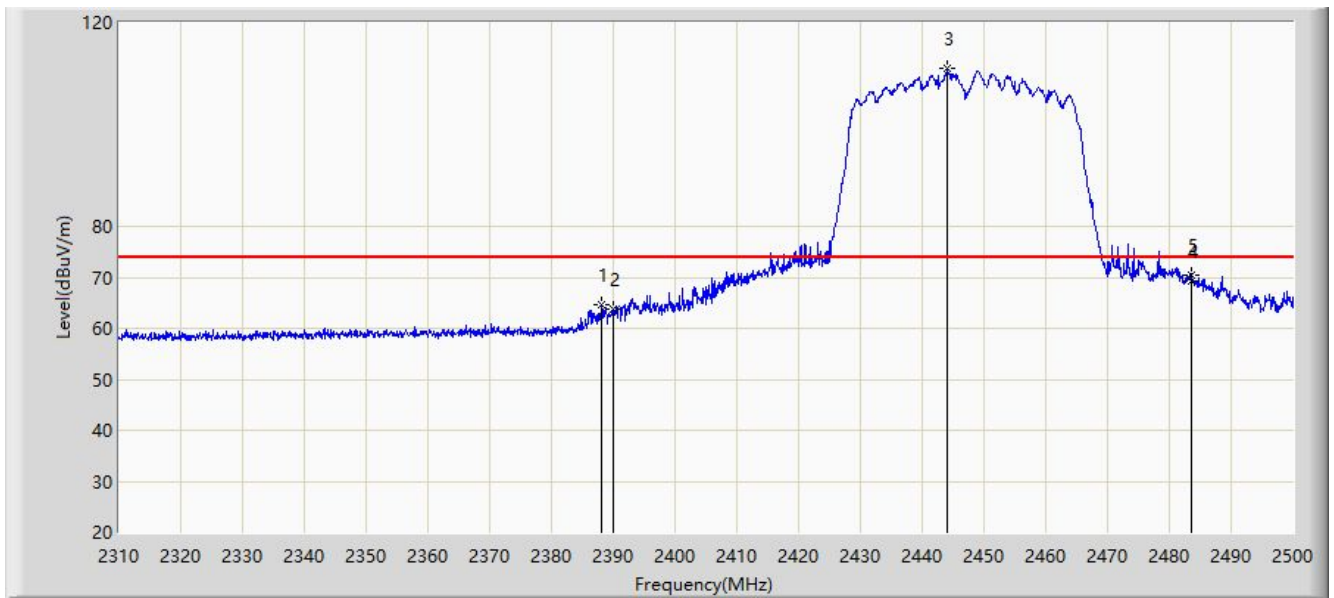


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.905	47.317	14.624	-6.683	54.000	32.693	AV
2			2390.000	47.021	14.309	-6.979	54.000	32.712	AV
3		*	2448.510	96.682	63.954	N/A	N/A	32.728	AV
4			2483.500	51.205	18.555	-2.795	54.000	32.651	AV

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

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

Site: AC1	Time: 2020/08/27 - 10:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2447MHz (CDD Mode)	

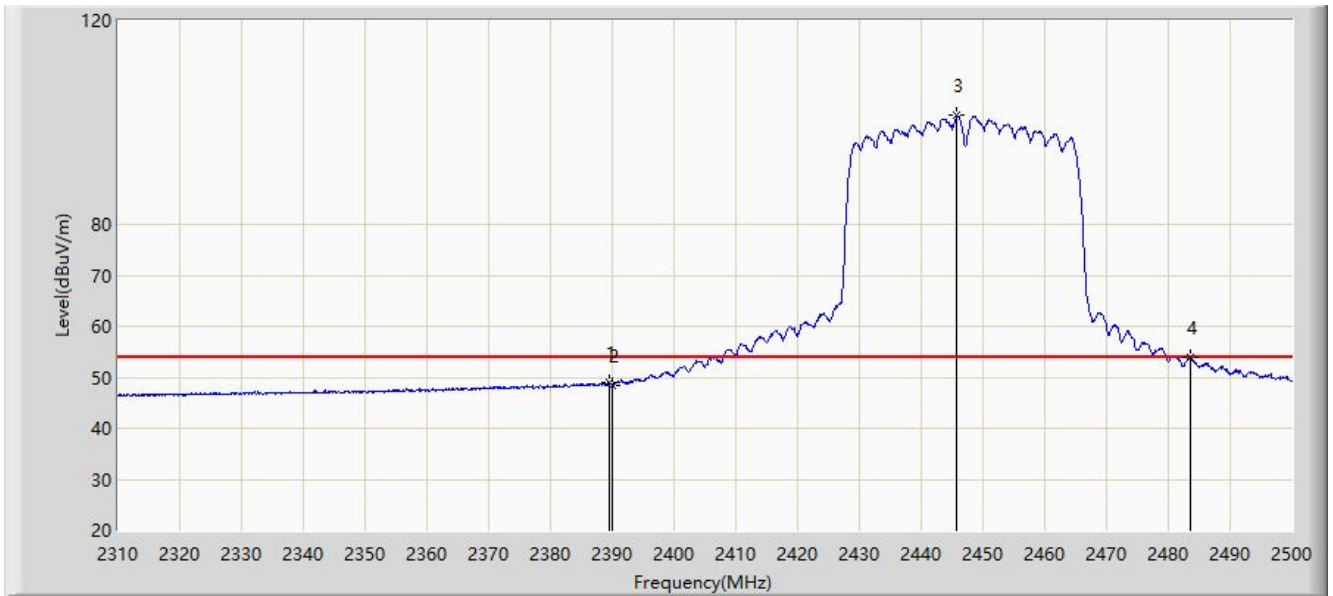


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.185	64.555	31.852	-9.445	74.000	32.703	PK
2			2390.000	63.669	30.957	-10.331	74.000	32.712	PK
3		*	2444.140	110.953	78.215	N/A	N/A	32.738	PK
4			2483.500	69.206	36.556	-4.794	74.000	32.651	PK
5			2483.660	70.378	37.729	-3.622	74.000	32.649	PK

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

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

Site: AC1	Time: 2020/08/27 - 10:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2447MHz (CDD Mode)	

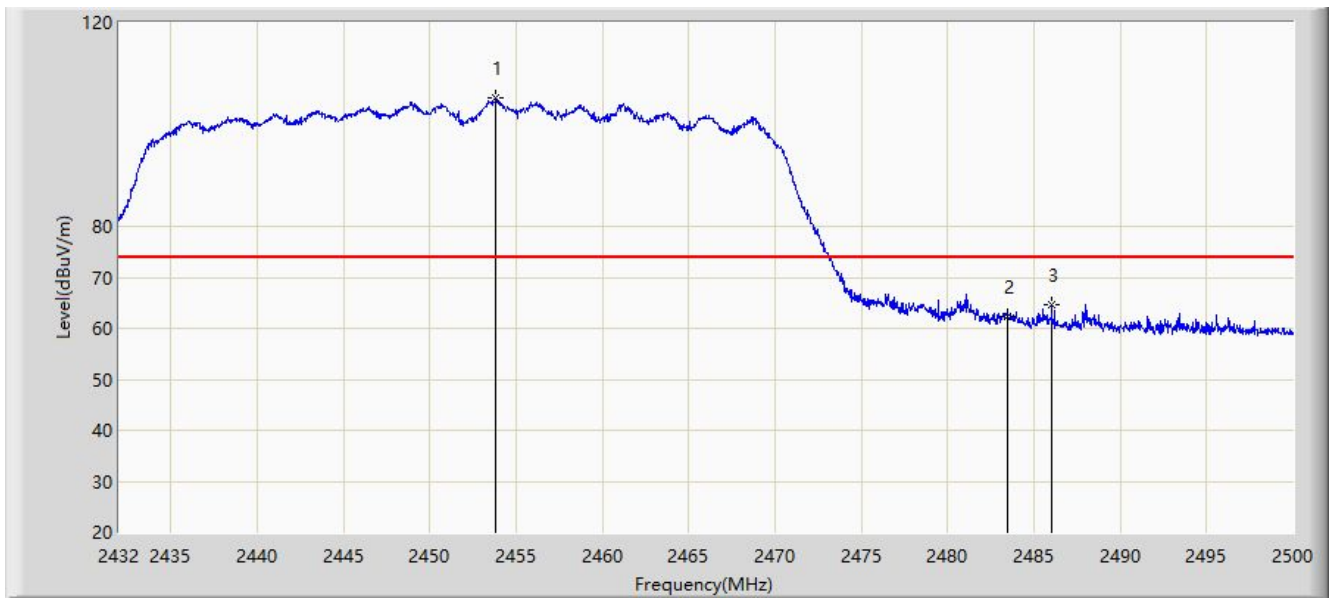


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.420	49.042	16.333	-4.958	54.000	32.709	AV
2			2390.000	48.506	15.794	-5.494	54.000	32.712	AV
3		*	2445.755	101.305	68.571	N/A	N/A	32.734	AV
4			2483.500	53.849	21.199	-0.151	54.000	32.651	AV

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

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

Site: AC1	Time: 2020/08/27 - 11:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz (CDD Mode)	

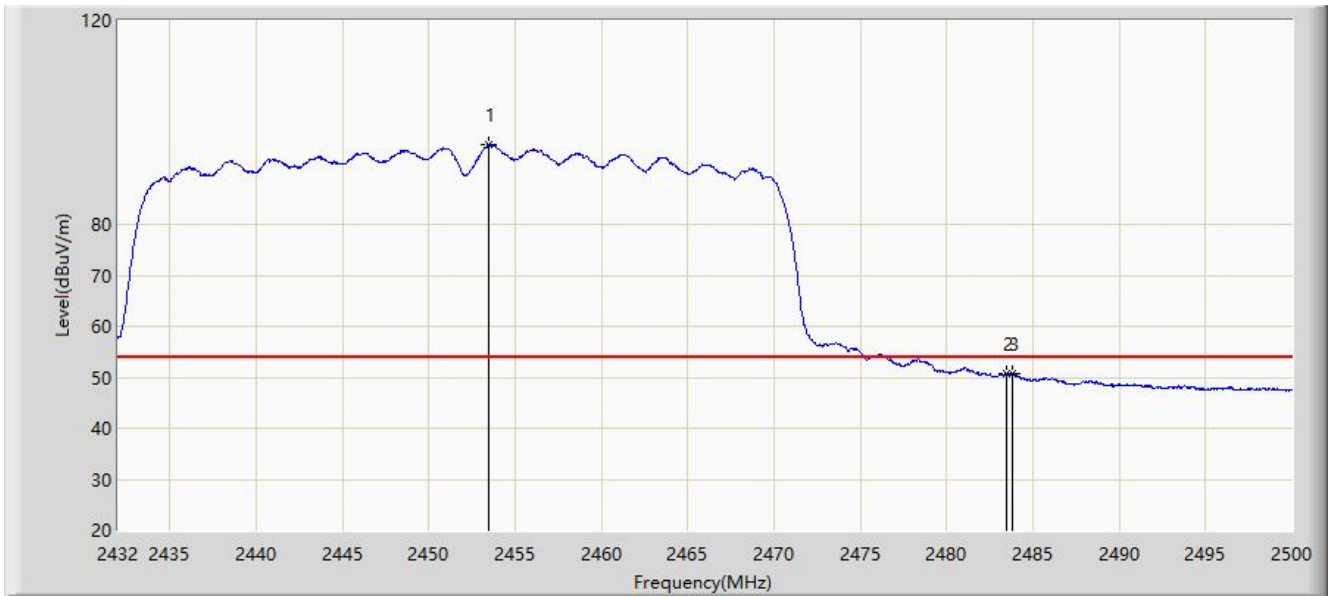


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2453.828	105.141	72.413	N/A	N/A	32.727	PK
2			2483.500	62.377	29.727	-11.623	74.000	32.651	PK
3			2486.026	64.636	32.008	-9.364	74.000	32.628	PK

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

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

Site: AC1	Time: 2020/08/27 - 11:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz (CDD Mode)	

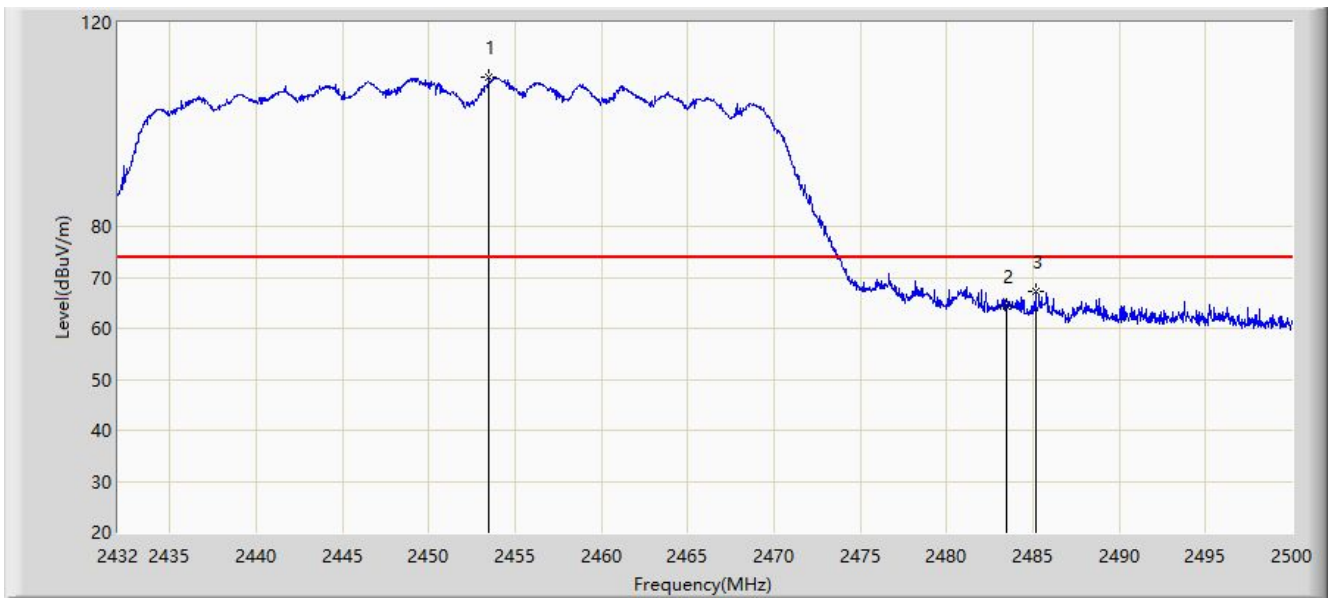


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2453.488	95.634	62.908	N/A	N/A	32.726	AV
2			2483.500	50.595	17.945	-3.405	54.000	32.651	AV
3			2483.782	50.714	18.066	-3.286	54.000	32.648	AV

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

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

Site: AC1	Time: 2020/08/27 - 11:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz (CDD Mode)	

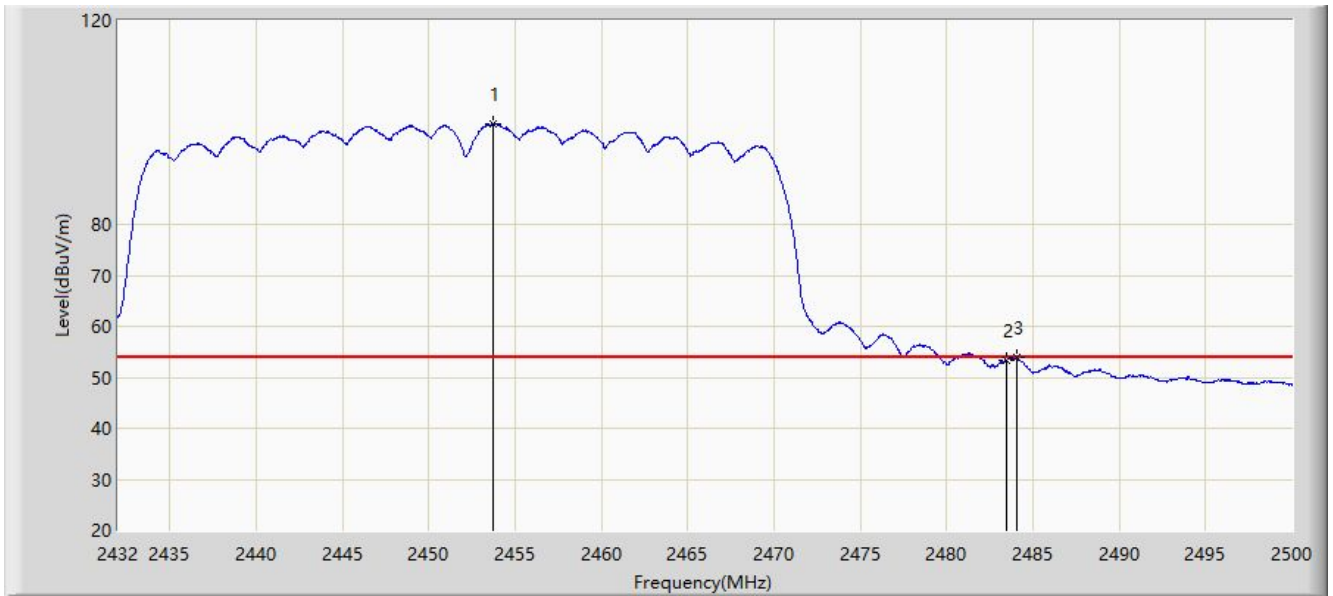


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2453.488	109.291	76.565	N/A	N/A	32.726	PK
2			2483.500	64.485	31.835	-9.515	74.000	32.651	PK
3			2485.142	67.306	34.670	-6.694	74.000	32.636	PK

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

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

Site: AC1	Time: 2020/08/27 - 11:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz (CDD Mode)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2453.726	99.673	66.946	N/A	N/A	32.728	AV
2			2483.500	53.394	20.744	-0.606	54.000	32.651	AV
3			2484.054	53.954	21.308	-0.046	54.000	32.646	AV

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

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

6.8. AC Conducted Emissions Measurement

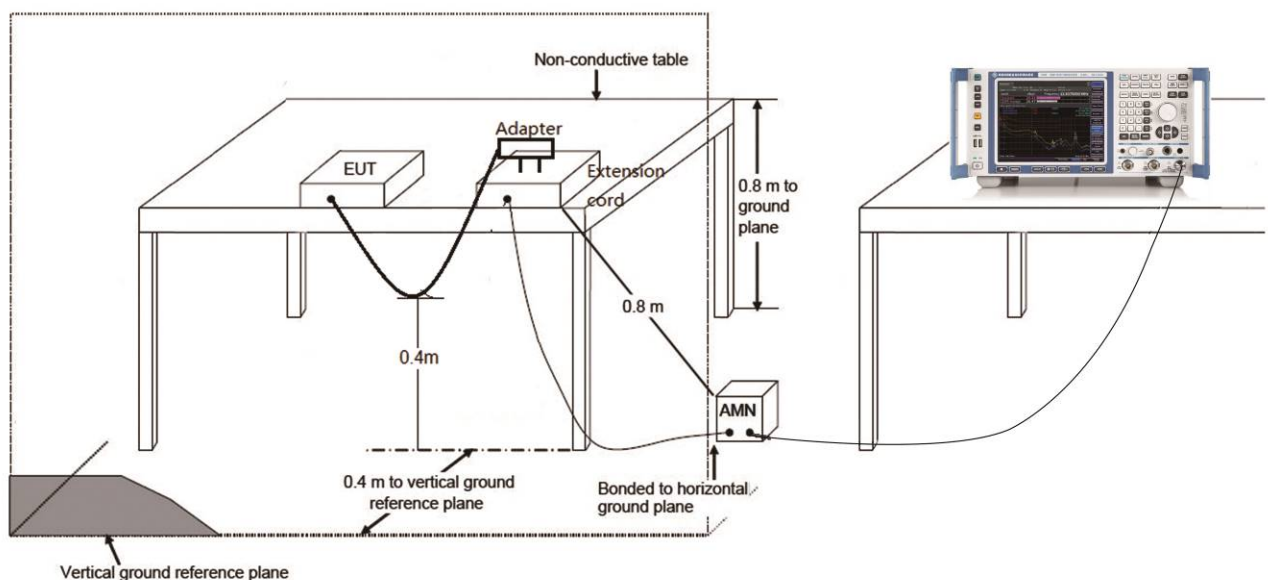
6.8.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
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.

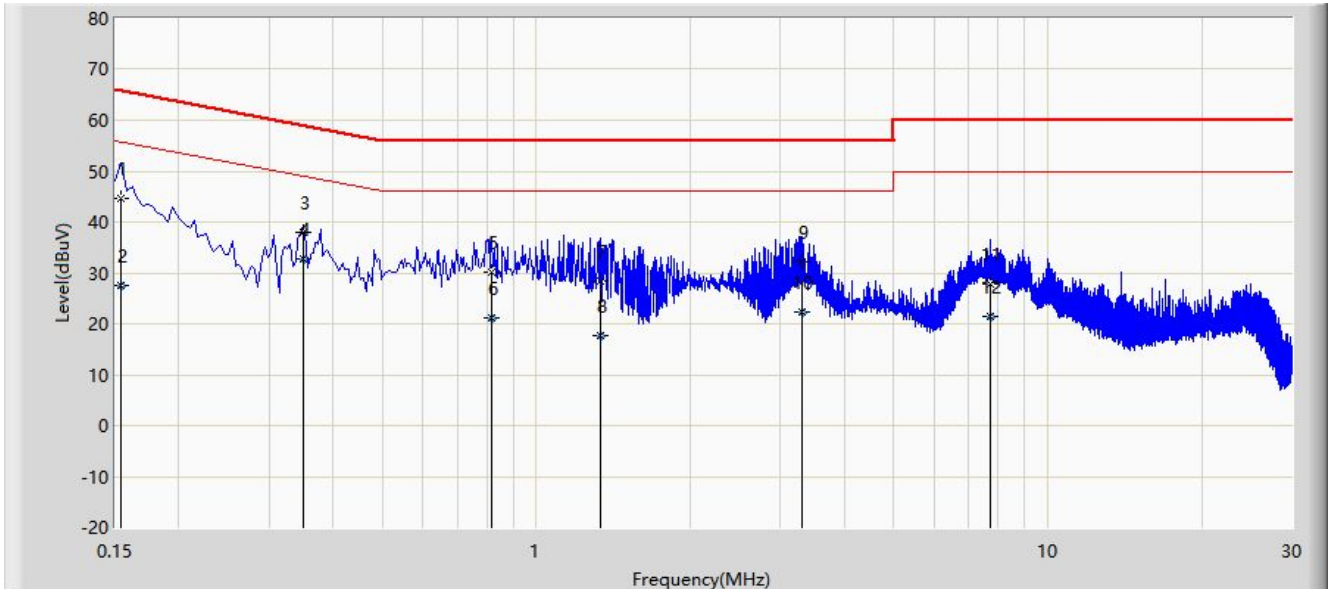
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

6.8.2. Test Setup



6.8.3.Test Result

Site: SR2	Time: 2020/08/22 - 13:41
Limit: FCC_Part15.207_CE_AC Power	Engineer: Dillon Diao
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	

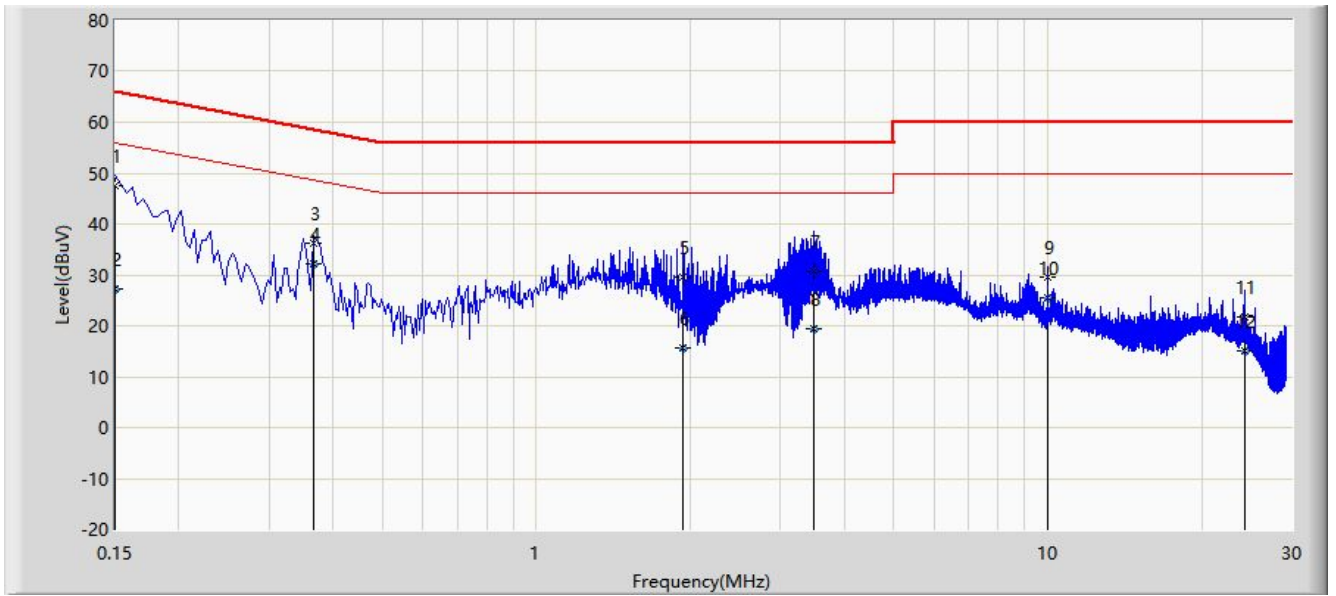


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.154	44.779	35.164	-21.002	65.781	9.616	QP
2			0.154	27.408	17.793	-28.373	55.781	9.616	AV
3			0.350	38.003	28.334	-20.960	58.962	9.668	QP
4		*	0.350	32.870	23.202	-16.092	48.962	9.668	AV
5			0.818	30.193	20.458	-25.807	56.000	9.735	QP
6			0.818	21.251	11.516	-24.749	46.000	9.735	AV
7			1.330	28.365	18.611	-27.635	56.000	9.754	QP
8			1.330	17.712	7.958	-28.288	46.000	9.754	AV
9			3.306	32.132	22.326	-23.868	56.000	9.806	QP
10			3.306	22.296	12.490	-23.704	46.000	9.806	AV
11			7.742	27.755	17.775	-32.245	60.000	9.979	QP
12			7.742	21.321	11.342	-28.679	50.000	9.979	AV

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

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

Site: SR2	Time: 2020/08/22 - 13:48
Limit: FCC_Part15.207_CE_AC Power	Engineer: Dillon Diao
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Subscriber End Equipment HGW	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 2412MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.150	47.454	37.851	-18.546	66.000	9.603	QP
2			0.150	27.386	17.783	-28.614	56.000	9.603	AV
3			0.366	36.266	26.604	-22.326	58.591	9.662	QP
4		*	0.366	32.148	22.487	-16.443	48.591	9.662	AV
5			1.938	29.707	19.947	-26.293	56.000	9.760	QP
6			1.938	15.732	5.972	-30.268	46.000	9.760	AV
7			3.486	30.645	20.838	-25.355	56.000	9.807	QP
8			3.486	19.411	9.605	-26.589	46.000	9.807	AV
9			9.998	29.609	19.555	-30.391	60.000	10.054	QP
10			9.998	25.564	15.510	-24.436	50.000	10.054	AV
11			24.214	21.864	11.447	-38.136	60.000	10.417	QP
12			24.214	15.037	4.620	-34.963	50.000	10.417	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 15C of the FCC rules.

The End

Appendix A - Test Setup Photograph

Refer to “2008RSU023-UT” file.

Appendix B - EUT Photograph

Refer to "2008RSU023-UE" file.