Product	ACCESS POINT- Directional Antenna (ANT-2x2-2314)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/02/08
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	01
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8862.5	34.1	14.0	48.1	91.9	-43.8	Peak	Horizontal
*	9942.0	35.1	15.3	50.4	91.9	-41.5	Peak	Horizontal
	11123.5	33.1	18.6	51.7	54.0	-2.3	Peak	Horizontal
	12169.0	33.8	18.8	52.6	54.0	-1.4	Peak	Horizontal
*	8854.0	34.9	14.0	48.9	91.9	-43.0	Peak	Vertical
*	9772.0	35.0	14.9	49.9	91.9	-42.0	Peak	Vertical
	11021.5	32.7	18.5	51.2	54.0	-2.8	Peak	Vertical
	11633.5	31.1	19.4	50.5	54.0	-3.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (121.9dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT- Directional Antenna (ANT-2x2-2314)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/02/08
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8777.5	33.7	13.9	47.6	94.3	-46.7	Peak	Horizontal
*	10069.5	34.1	15.6	49.7	94.3	-44.6	Peak	Horizontal
	11030.0	32.5	18.5	51.0	54.0	-3.0	Peak	Horizontal
	11948.0	33.0	18.6	51.6	54.0	-2.4	Peak	Horizontal
*	8896.5	32.7	14.0	46.7	94.3	-47.6	Peak	Vertical
*	9814.5	33.4	15.4	48.8	94.3	-45.5	Peak	Vertical
	11123.5	33.4	18.6	52.0	54.0	-2.0	Peak	Vertical
	12024.5	31.6	18.8	50.4	54.0	-3.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (124.3dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT- Directional Antenna (ANT-2x2-2314)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/02/08
Test Mode:	802.11n-HT20 - Ant 0 + 1 (CDD Mode)	Test Channel:	11
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8854.0	33.5	14.0	47.5	93.2	-45.7	Peak	Horizontal
*	10078.0	33.6	15.6	49.2	93.2	-44.0	Peak	Horizontal
	11149.0	31.5	18.7	50.2	54.0	-3.8	Peak	Horizontal
	12339.0	31.3	18.5	49.8	54.0	-4.2	Peak	Horizontal
*	8735.0	33.8	13.9	47.7	93.2	-45.5	Peak	Vertical
*	10069.5	33.4	15.6	49.0	93.2	-44.2	Peak	Vertical
	11038.5	31.8	18.5	50.3	54.0	-3.7	Peak	Vertical
	12118.0	31.1	18.9	50.0	54.0	-4.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (123.2dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT- Directional Antenna (ANT-2x2-2314)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/02/08
Test Mode:	802.11n-HT40 - Ant 0 + 1 (CDD Mode)	Test Channel:	03
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8854.0	34.7	14.0	48.7	83.7	-35.0	Peak	Horizontal
*	9772.0	34.1	14.9	49.0	83.7	-34.7	Peak	Horizontal
	10919.5	32.6	18.4	51.0	54.0	-3.0	Peak	Horizontal
	11642.0	31.2	19.4	50.6	54.0	-3.4	Peak	Horizontal
*	8803.0	33.0	14.0	47.0	83.7	-36.7	Peak	Vertical
*	9814.5	34.0	15.4	49.4	83.7	-34.3	Peak	Vertical
	10936.5	32.4	18.4	50.8	54.0	-3.2	Peak	Vertical
	11812.0	31.4	18.7	50.1	54.0	-3.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.7dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT- Directional Antenna (ANT-2x2-2314)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/02/08
Test Mode:	802.11n-HT40 - Ant 0 + 1 (CDD Mode)	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8735.0	34.4	13.9	48.3	85.5	-37.2	Peak	Horizontal
*	9814.5	34.1	15.4	49.5	85.5	-36.0	Peak	Horizontal
	11132.0	32.4	18.6	51.0	54.0	-3.0	Peak	Horizontal
	11948.0	31.4	18.6	50.0	54.0	-4.0	Peak	Horizontal
*	8811.5	33.7	14.0	47.7	85.5	-37.8	Peak	Vertical
*	10078.0	33.7	15.6	49.3	85.5	-36.2	Peak	Vertical
	11242.5	31.8	18.8	50.6	54.0	-3.4	Peak	Vertical
	12339.0	31.4	18.5	49.9	54.0	-4.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.5dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT- Directional Antenna (ANT-2x2-2314)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/02/08
Test Mode:	802.11n-HT40 - Ant 0 + 1 (CDD Mode)	Test Channel:	09
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8854.0	32.9	14.0	46.9	87.0	-40.1	Peak	Horizontal
*	9687.0	34.9	14.6	49.5	87.0	-37.5	Peak	Horizontal
	10928.0	33.3	18.4	51.7	54.0	-2.3	Peak	Horizontal
	12109.5	31.6	18.9	50.5	54.0	-3.5	Peak	Horizontal
*	8769.0	34.5	13.9	48.4	87.0	-38.6	Peak	Vertical
*	10027.0	34.1	15.4	49.5	87.0	-37.5	Peak	Vertical
	11132.0	32.2	18.6	50.8	54.0	-3.2	Peak	Vertical
	11948.0	32.2	18.6	50.8	54.0	-3.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.0dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT- Directional Antenna (ANT-2x2-2314)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/02/08
Test Mode:	802.11n-HT20 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	01
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6559.0	37.6	8.6	46.2	92.0	-45.8	Peak	Horizontal
*	9661.5	33.6	14.5	48.1	92.0	-43.9	Peak	Horizontal
	11242.5	31.5	18.8	50.3	54.0	-3.7	Peak	Horizontal
	12109.5	31.6	18.9	50.5	54.0	-3.5	Peak	Horizontal
*	6712.0	36.8	8.7	45.5	92.0	-46.5	Peak	Vertical
*	9780.5	34.4	14.9	49.3	92.0	-42.7	Peak	Vertical
	11072.5	32.6	18.6	51.2	54.0	-2.8	Peak	Vertical
	11897.0	32.9	18.6	51.5	54.0	-2.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (122.0dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT- Directional Antenna (ANT-2x2-2314)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/02/08
Test Mode:	802.11n-HT20 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7043.5	35.6	11.0	46.6	94.2	-47.6	Peak	Horizontal
*	10069.5	34.1	15.6	49.7	94.2	-44.5	Peak	Horizontal
	11217.0	32.2	18.8	51.0	54.0	-3.0	Peak	Horizontal
	12058.5	32.3	18.8	51.1	54.0	-2.9	Peak	Horizontal
*	6924.5	36.2	10.0	46.2	94.2	-48.0	Peak	Vertical
*	10120.5	33.5	15.8	49.3	94.2	-44.9	Peak	Vertical
	11327.5	31.7	18.9	50.6	54.0	-3.4	Peak	Vertical
	11914.0	31.7	18.6	50.3	54.0	-3.7	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (124.2dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT- Directional Antenna (ANT-2x2-2314)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/02/08
Test Mode:	802.11n-HT20 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	11
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6848.0	34.9	9.4	44.3	90.5	-46.2	Peak	Horizontal
*	9678.5	34.3	14.6	48.9	90.5	-41.6	Peak	Horizontal
	10987.5	32.3	18.5	50.8	54.0	-3.2	Peak	Horizontal
	12305.0	31.6	18.5	50.1	54.0	-3.9	Peak	Horizontal
*	6686.5	37.5	8.7	46.2	90.5	-44.3	Peak	Vertical
*	10069.5	33.4	15.6	49.0	90.5	-41.5	Peak	Vertical
	11336.0	31.4	19.0	50.4	54.0	-3.6	Peak	Vertical
	12058.5	32.3	18.8	51.1	54.0	-2.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (120.5dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT- Directional Antenna (ANT-2x2-2314)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/02/08
Test Mode:	802.11n-HT40 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	03
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6763.0	37.4	8.9	46.3	85.6	-39.3	Peak	Horizontal
*	9721.0	34.3	14.7	49.0	85.6	-36.6	Peak	Horizontal
	10800.5	32.7	17.9	50.6	54.0	-3.4	Peak	Horizontal
	11846.0	31.9	18.7	50.6	54.0	-3.4	Peak	Horizontal
*	6865.0	37.2	9.5	46.7	85.6	-38.9	Peak	Vertical
*	9891.0	33.6	15.5	49.1	85.6	-36.5	Peak	Vertical
	11234.0	31.6	18.8	50.4	54.0	-3.6	Peak	Vertical
	12169.0	32.0	18.8	50.8	54.0	-3.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.6dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT- Directional Antenna (ANT-2x2-2314)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/02/08
Test Mode:	802.11n-HT40 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	06
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6856.5	35.9	9.5	45.4	87.7	-42.3	Peak	Horizontal
*	9823.0	34.7	15.6	50.3	87.7	-37.4	Peak	Horizontal
	11276.5	32.2	18.8	51.0	54.0	-3.0	Peak	Horizontal
	12279.5	31.7	18.6	50.3	54.0	-3.7	Peak	Horizontal
*	7069.0	36.9	11.2	48.1	87.7	-39.6	Peak	Vertical
*	10052.5	35.1	15.5	50.6	87.7	-37.1	Peak	Vertical
	11149.0	32.1	18.7	50.8	54.0	-3.2	Peak	Vertical
	12024.5	32.0	18.8	50.8	54.0	-3.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (117.7dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Product	ACCESS POINT- Directional Antenna (ANT-2x2-2314)	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	56%
Test Site	AC1	Test Date	2018/02/08
Test Mode:	802.11n-HT40 - Ant 0 + 1 (Beam-Forming Mode)	Test Channel:	09
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7162.5	36.2	11.9	48.1	85.9	-37.8	Peak	Horizontal
*	9950.5	36.3	15.3	51.6	85.9	-34.3	Peak	Horizontal
	11174.5	32.7	18.7	51.4	54.0	-2.6	Peak	Horizontal
	12262.5	31.8	18.6	50.4	54.0	-3.6	Peak	Horizontal
*	7069.0	36.2	11.2	47.4	85.9	-38.5	Peak	Vertical
*	10078.0	34.1	15.6	49.7	85.9	-36.2	Peak	Vertical
	11582.5	31.2	19.5	50.7	54.0	-3.3	Peak	Vertical
	12118.0	32.1	18.9	51.0	54.0	-3.0	Peak	Vertical

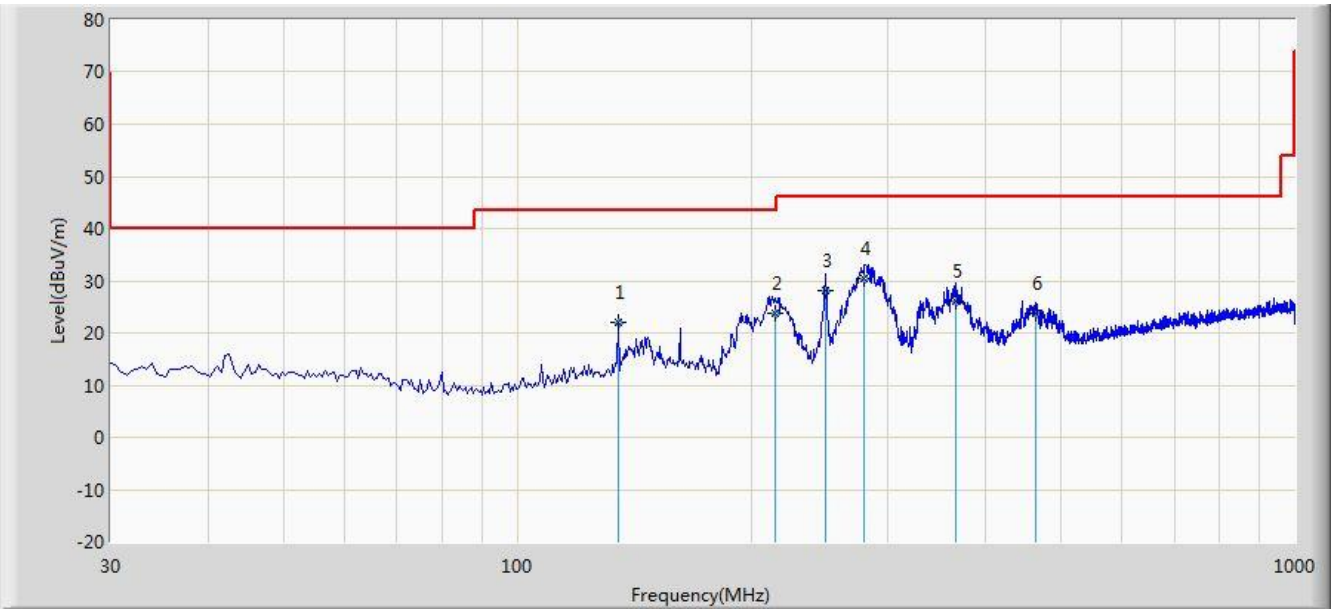
Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (115.9dBμV/m) or 15.209 which is higher.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

The Worst Case of Radiated Emission below 1GHz:

Site: AC1	Time: 2018/03/10 - 15:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Horizontal
EUT: ACCESS POINT (Omni Antenna - AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz Ant 0 + 1 (CDD Mode)	



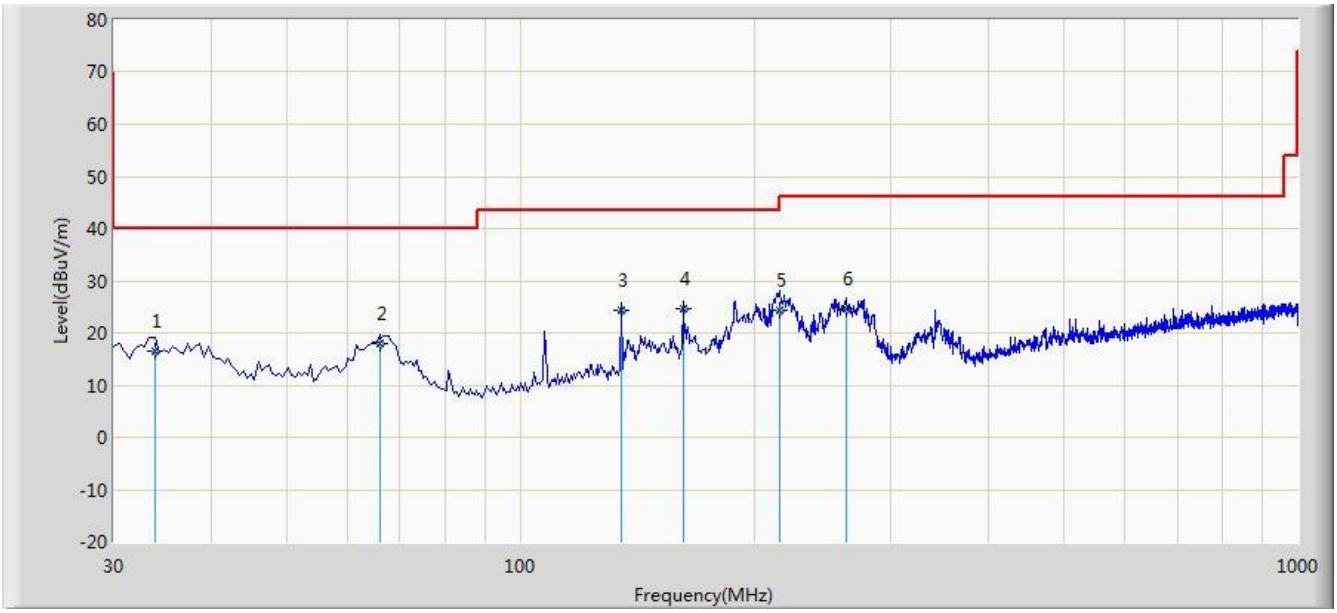
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			134.760	22.045	7.850	-21.455	43.500	14.195	QP
2			214.300	23.714	12.050	-19.786	43.500	11.664	QP
3			249.220	28.249	15.240	-17.751	46.000	13.009	QP
4		*	279.775	30.531	16.630	-15.469	46.000	13.901	QP
5			366.105	26.152	10.250	-19.848	46.000	15.902	QP
6			464.075	23.720	5.630	-22.280	46.000	18.090	QP

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

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

Site: AC1	Time: 2018/03/10 - 15:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Vertical
EUT: ACCESS POINT (Omni Antenna - AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz Ant 0 + 1 (CDD Mode)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			33.880	16.521	2.630	-23.479	40.000	13.892	QP
2			65.890	17.993	5.630	-22.007	40.000	12.363	QP
3			134.760	24.455	10.260	-19.045	43.500	14.195	QP
4		*	161.920	24.710	9.580	-18.790	43.500	15.130	QP
5			215.755	24.379	12.630	-19.121	43.500	11.749	QP
6			262.315	24.531	11.200	-21.469	46.000	13.331	QP

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

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

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

7.7. Radiated Restricted Band Edge Measurement

7.7.1.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	8.25 - 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 - 156.525	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

7.7.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

7.7.3.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 Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest

2. RBW = 1MHz

3. VBW; If the EUT is configured to transmit with duty cycle ≥ 98%, set VBW = 10 Hz.

If the EUT duty cycle is < 98%, set VBW ≥ 1/T. T is the minimum transmission duration.

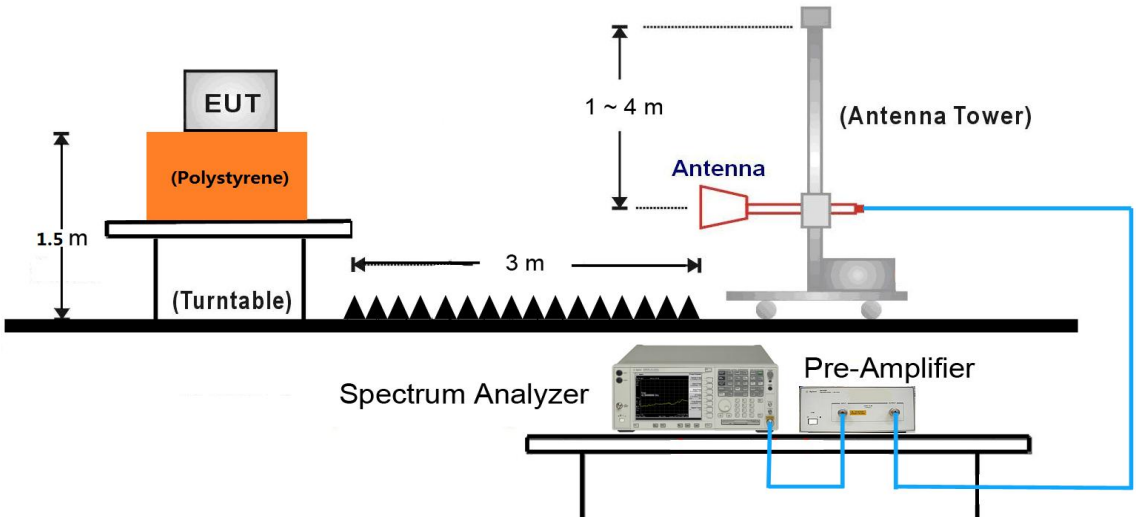
4. Detector = Peak

5. Sweep time = auto

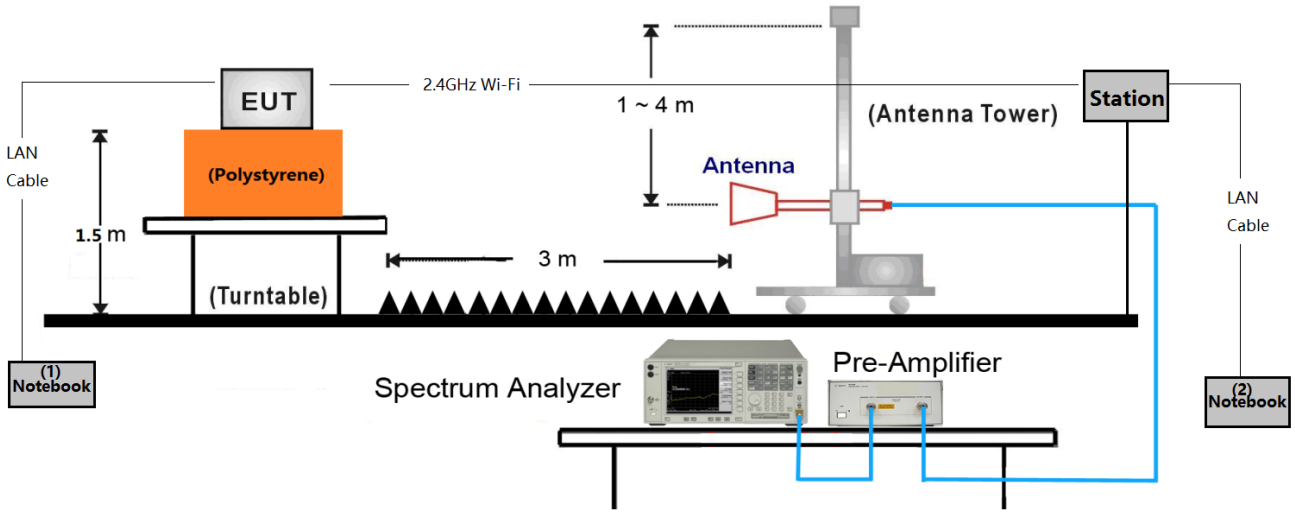
6. Trace mode = max hold

7. Trace was allowed to stabilize

7.7.4.Test Setup



Additional Beam-Forming Mode Test Setup



Make the EUT connect with the station by 2.4GHz wireless.

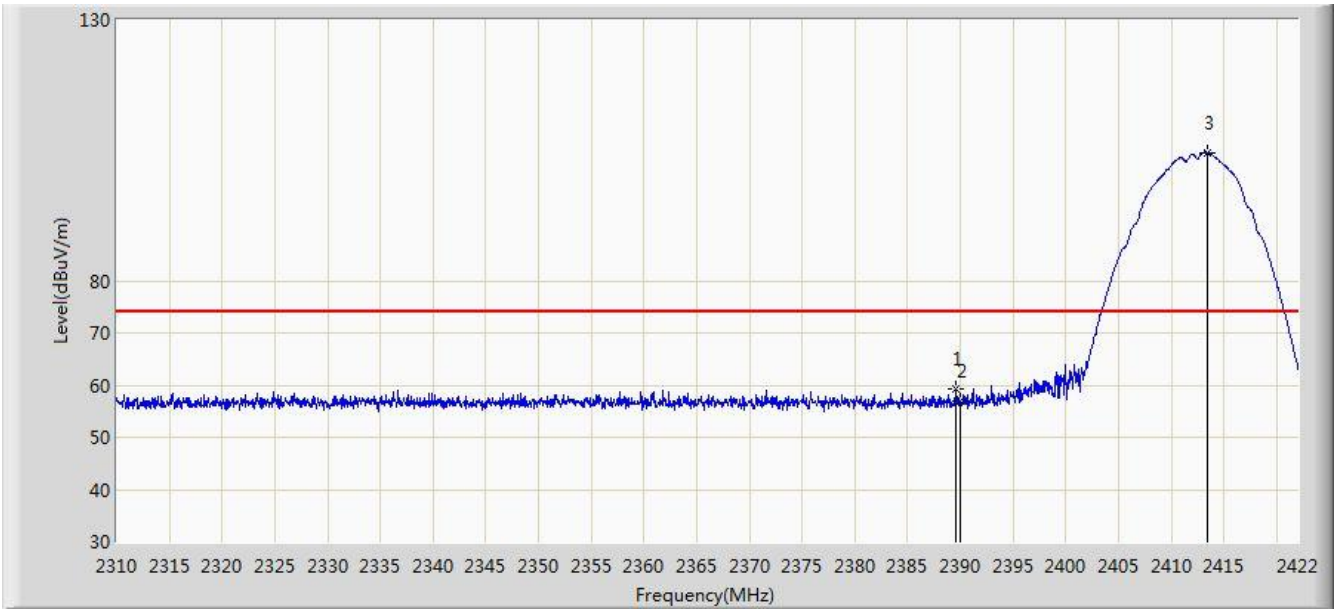
Input some commands in the notebook (1) to open the EUT Beam Forming function, and setup the related test channel & data rate & power setting.

Make the notebook (1) ping with notebook (2) using the “Iperf” software that can produce one bigger duty cycle waveform.

Test Mode	Duty Cycle	T = Transmission Duration
802.11n-HT20	94.27	2.007
802.11n-HT40	93.99	1.737

7.7.5.Test Result

Site: AC1	Time: 2018/02/25 - 02:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

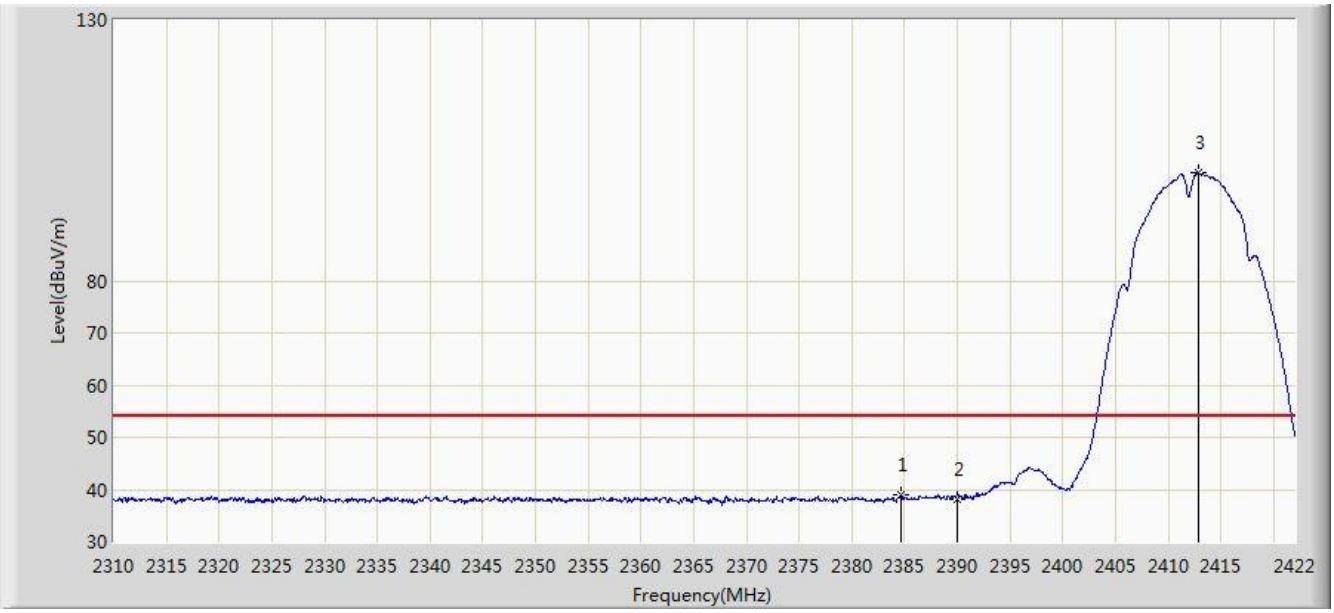


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.520	59.415	26.860	-14.585	74.000	32.556	PK
2			2390.000	56.875	24.321	-17.125	74.000	32.554	PK
3		*	2413.432	104.579	72.055	N/A	N/A	32.524	PK

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

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

Site: AC1	Time: 2018/02/25 - 03:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

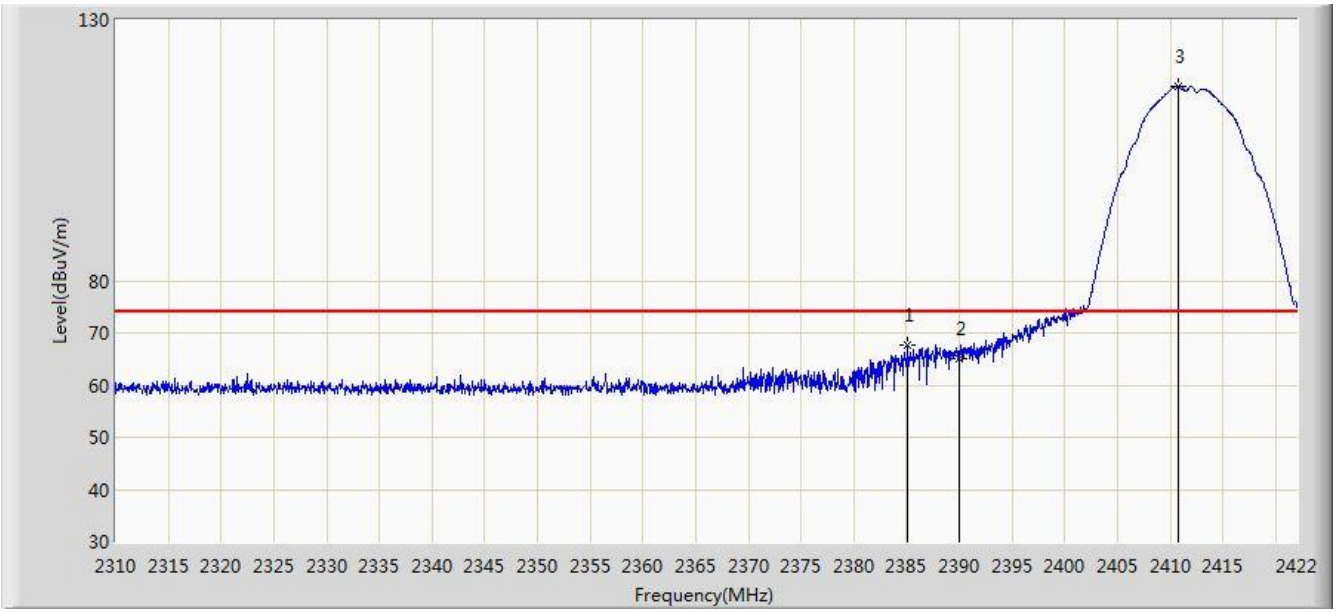


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2384.648	38.949	6.387	-15.051	54.000	32.562	AV
2			2390.000	38.214	5.660	-15.786	54.000	32.554	AV
3		*	2412.872	100.694	68.169	N/A	N/A	32.524	AV

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

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

Site: AC1	Time: 2018/02/25 - 03:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

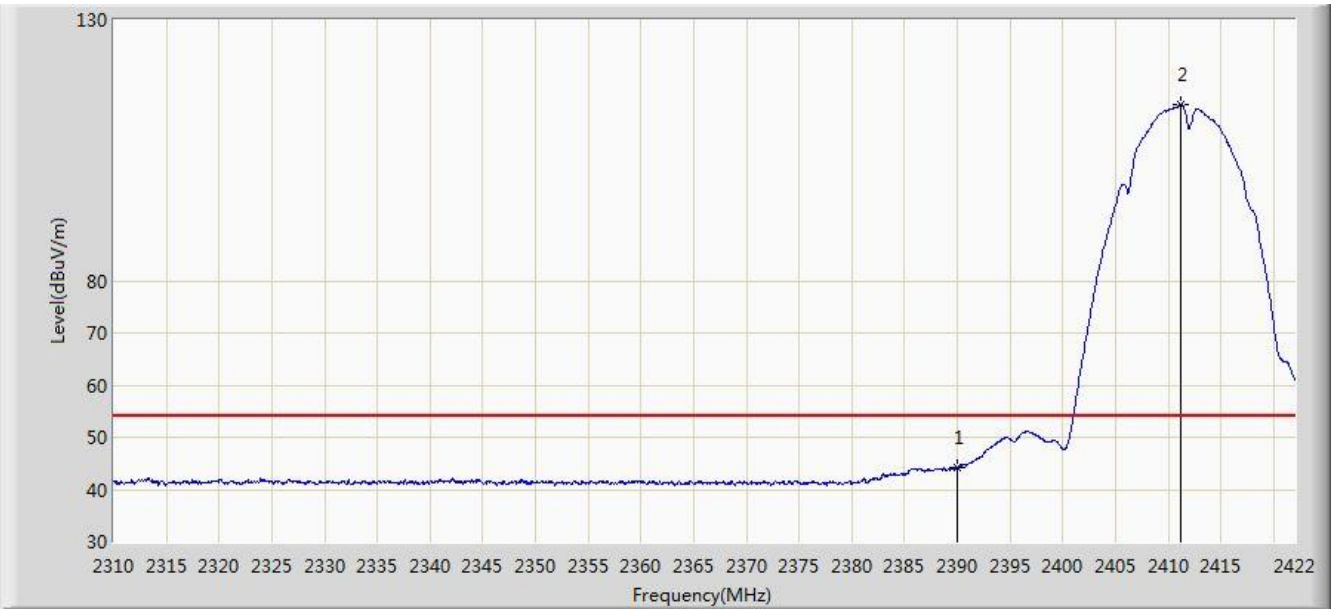


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.096	67.768	35.207	-6.232	74.000	32.561	PK
2			2390.000	65.004	32.450	-8.996	74.000	32.554	PK
3		*	2410.800	117.376	84.849	N/A	N/A	32.527	PK

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

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

Site: AC1	Time: 2018/02/25 - 03:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

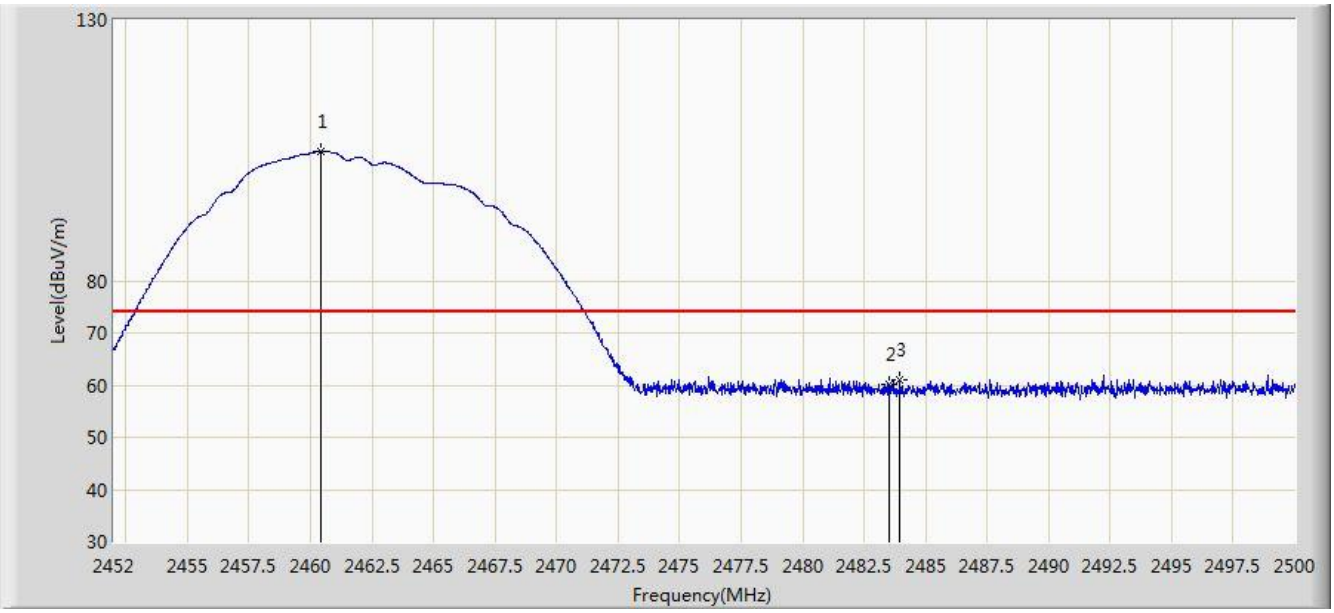


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.230	11.676	-9.770	54.000	32.554	AV
2	X	*	2411.136	113.823	81.296	N/A	N/A	32.527	AV

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

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

Site: AC1	Time: 2018/02/25 - 03:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 0 + 1 (CDD Mode)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.400	104.731	72.217	N/A	N/A	32.513	PK
2			2483.500	60.228	27.647	-13.772	74.000	32.580	PK
3			2483.944	60.871	28.289	-13.129	74.000	32.582	PK

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

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

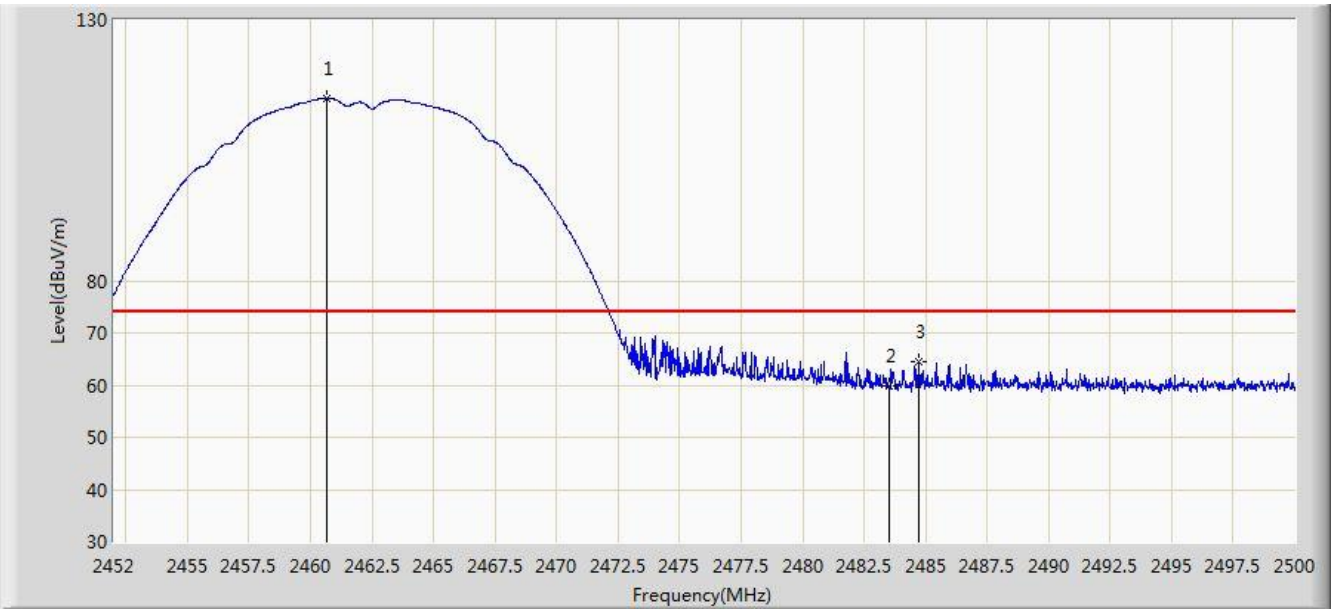
Site: AC1	Time: 2018/02/25 - 03:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.000	101.610	69.095	N/A	N/A	32.514	AV
2			2483.500	41.301	8.720	-12.699	54.000	32.580	AV
3			2484.232	42.015	9.432	-11.985	54.000	32.583	AV

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

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

Site: AC1	Time: 2018/02/25 - 03:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 0 + 1 (CDD Mode)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.640	114.918	82.404	N/A	N/A	32.514	PK
2			2483.500	59.988	27.407	-14.012	74.000	32.580	PK
3			2484.712	64.457	31.873	-9.543	74.000	32.584	PK

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

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

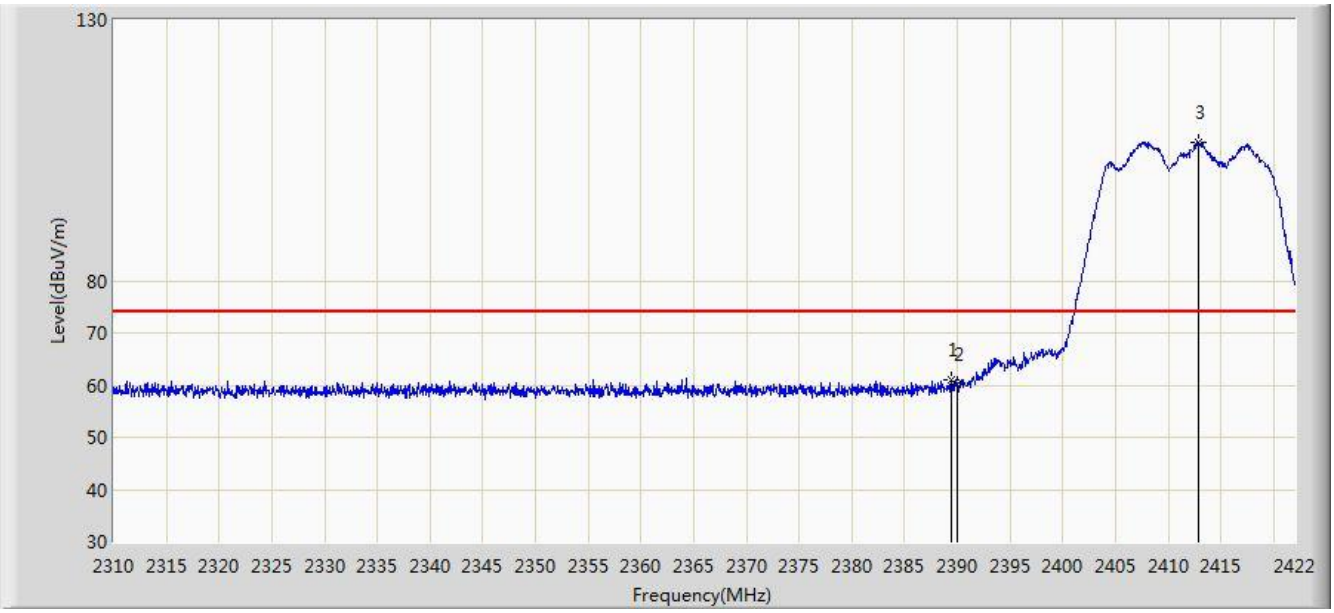
Site: AC1	Time: 2018/02/25 - 03:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	X	*	2461.312	111.308	78.793	N/A	N/A	32.516	AV
2			2483.500	43.900	11.319	-10.100	54.000	32.580	AV
3			2485.120	43.930	11.345	-10.070	54.000	32.585	AV

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

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

Site: AC1	Time: 2018/02/25 - 03:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

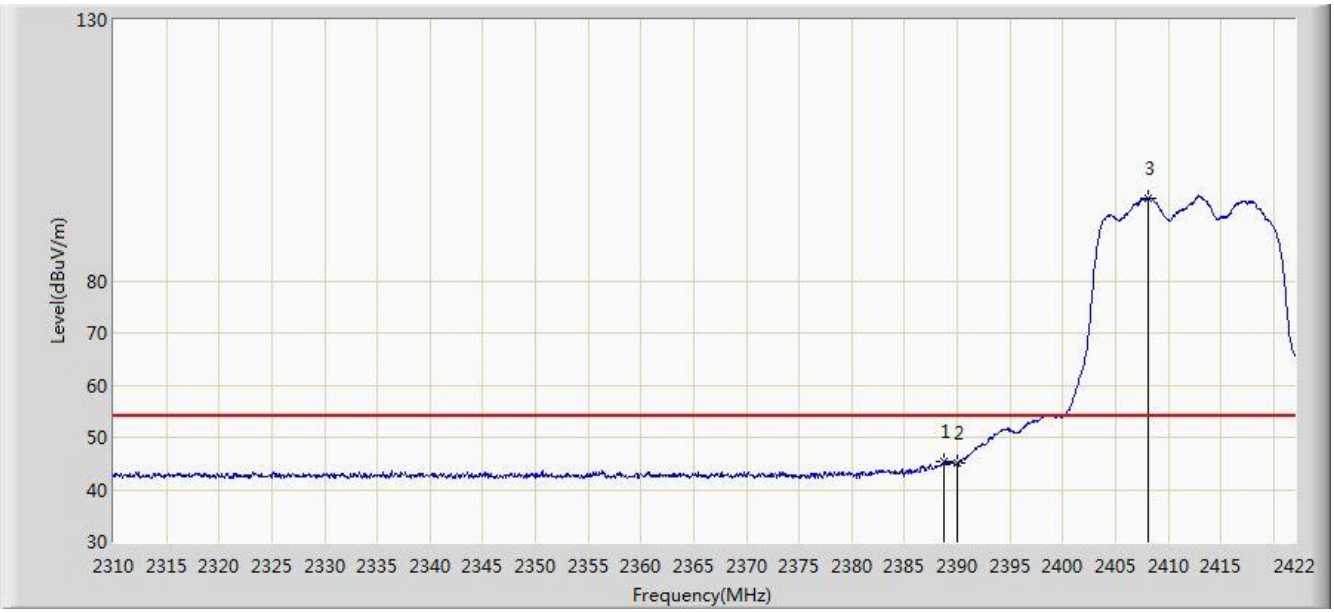


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.408	61.147	28.592	-12.853	74.000	32.555	PK
2			2390.000	60.066	27.512	-13.934	74.000	32.554	PK
3		*	2412.872	106.593	74.068	N/A	N/A	32.524	PK

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

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

Site: AC1	Time: 2018/02/25 - 03:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

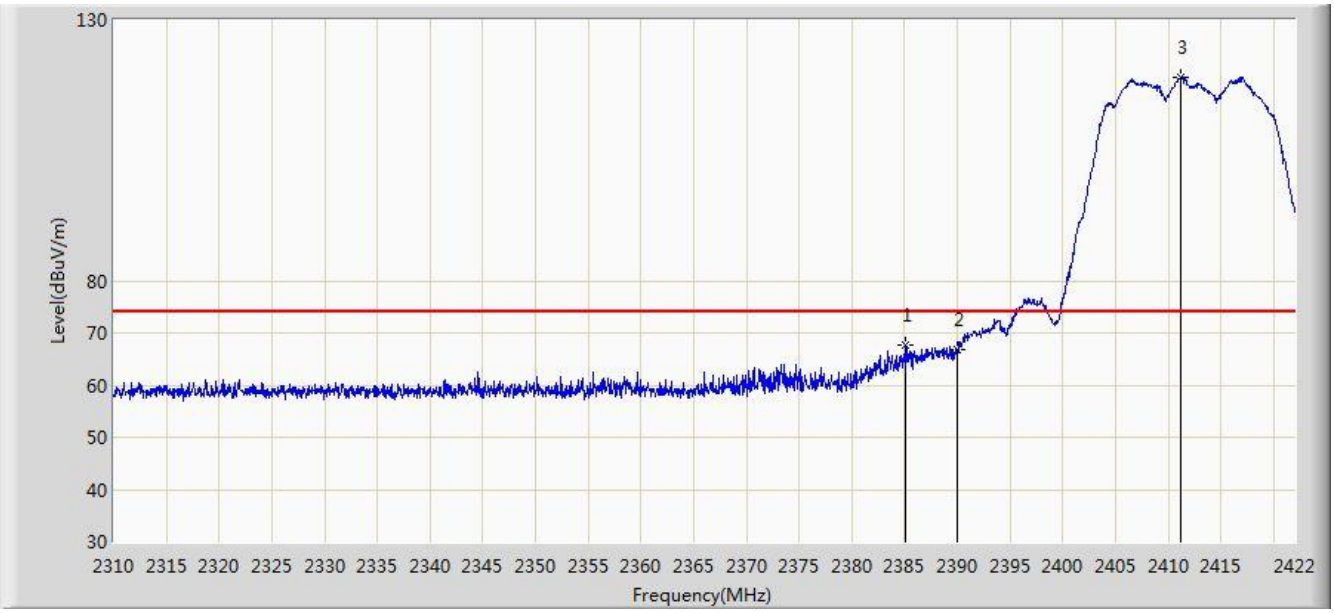


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.792	45.378	12.822	-8.622	54.000	32.556	AV
2			2390.000	45.047	12.493	-8.953	54.000	32.554	AV
3		*	2408.168	95.805	63.274	N/A	N/A	32.531	AV

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

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

Site: AC1	Time: 2018/02/25 - 03:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

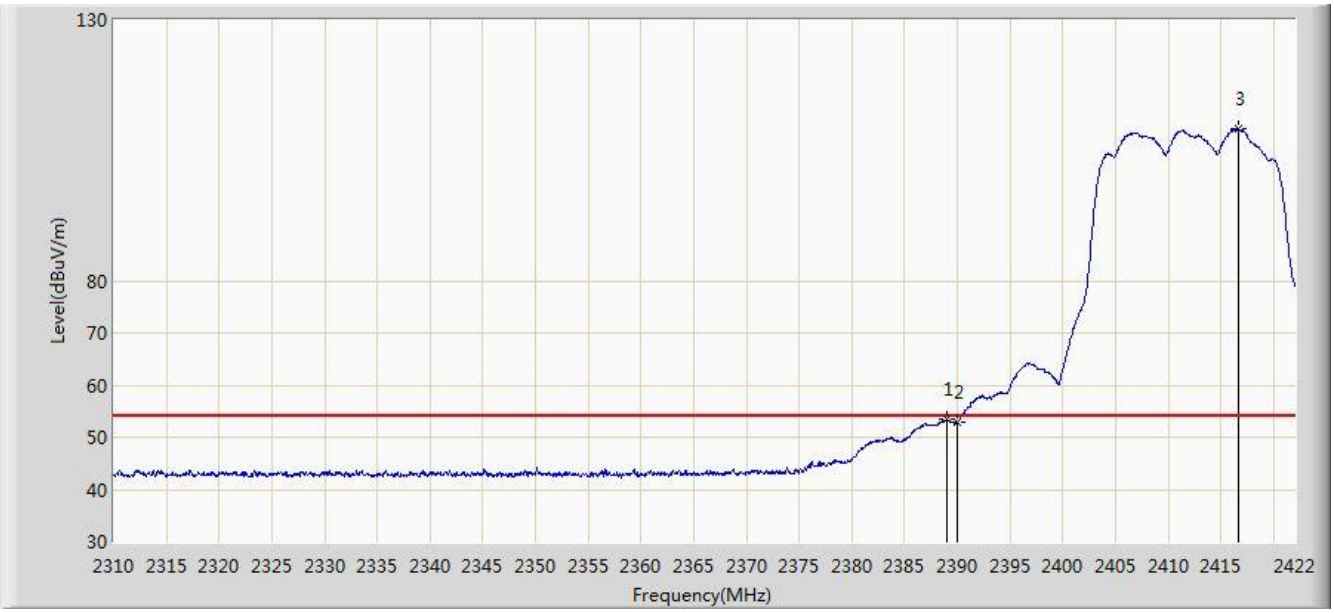


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.096	67.688	35.127	-6.312	74.000	32.561	PK
2			2390.000	66.711	34.157	-7.289	74.000	32.554	PK
3		*	2411.136	119.050	86.523	N/A	N/A	32.527	PK

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

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

Site: AC1	Time: 2018/02/25 - 03:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

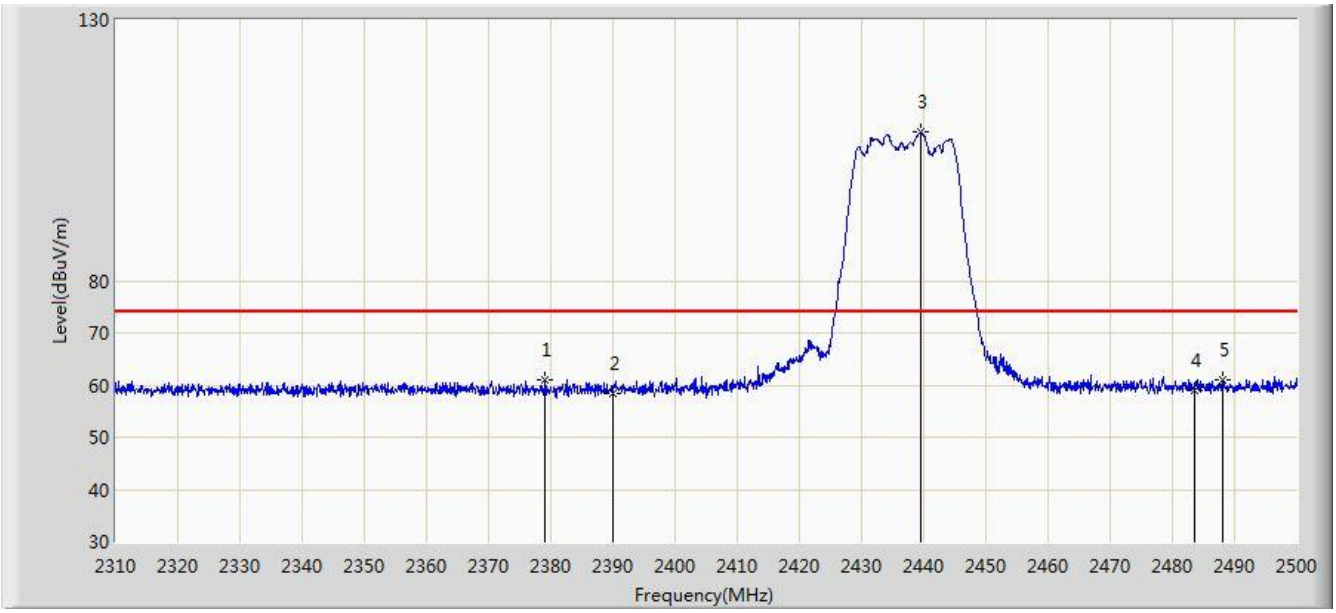


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.016	53.478	20.922	-0.522	54.000	32.556	AV
2			2390.000	52.907	20.353	-1.093	54.000	32.554	AV
3	X	*	2416.624	109.057	76.537	N/A	N/A	32.520	AV

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

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

Site: AC1	Time: 2018/03/03 - 11:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

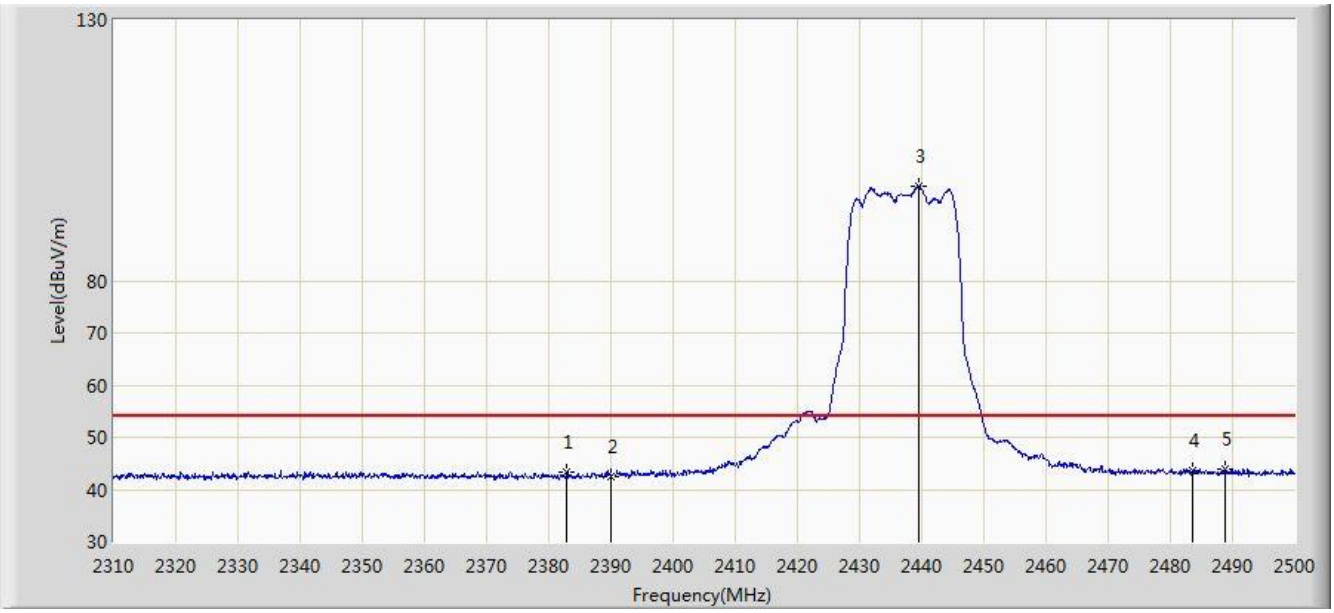


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2379.065	60.952	28.383	-13.048	74.000	32.570	PK
2			2390.000	58.375	25.821	-15.625	74.000	32.554	PK
3		*	2439.485	108.469	75.976	N/A	N/A	32.493	PK
4			2483.500	58.902	26.321	-15.098	74.000	32.580	PK
5			2488.125	61.054	28.460	-12.946	74.000	32.595	PK

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

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

Site: AC1	Time: 2018/03/03 - 11:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

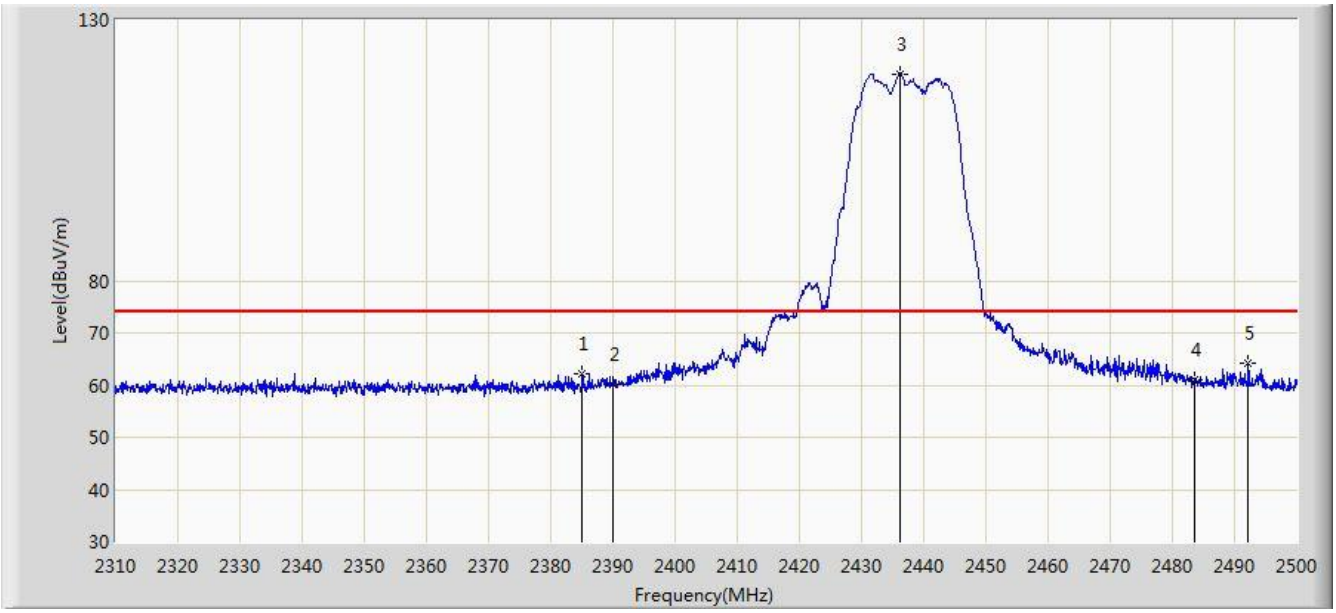


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2382.960	43.204	10.640	-10.796	54.000	32.564	AV
2			2390.000	42.474	9.920	-11.526	54.000	32.554	AV
3		*	2439.580	98.086	65.593	N/A	N/A	32.493	AV
4			2483.500	43.662	11.081	-10.338	54.000	32.580	AV
5			2488.695	43.841	11.245	-10.159	54.000	32.596	AV

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

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

Site: AC1	Time: 2018/03/03 - 11:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

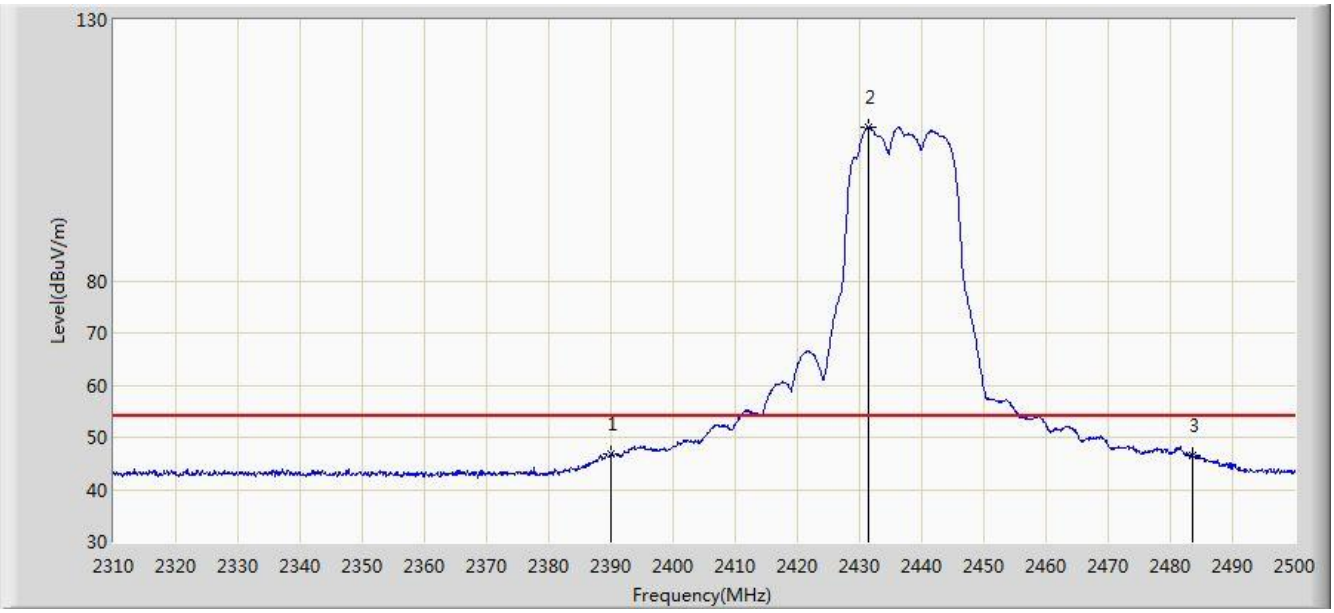


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.050	62.182	29.621	-11.818	74.000	32.561	PK
2			2390.000	60.099	27.545	-13.901	74.000	32.554	PK
3		*	2436.160	119.659	87.162	N/A	N/A	32.497	PK
4			2483.500	61.021	28.440	-12.979	74.000	32.580	PK
5			2492.210	64.115	31.508	-9.885	74.000	32.607	PK

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

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

Site: AC1	Time: 2018/03/03 - 11:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

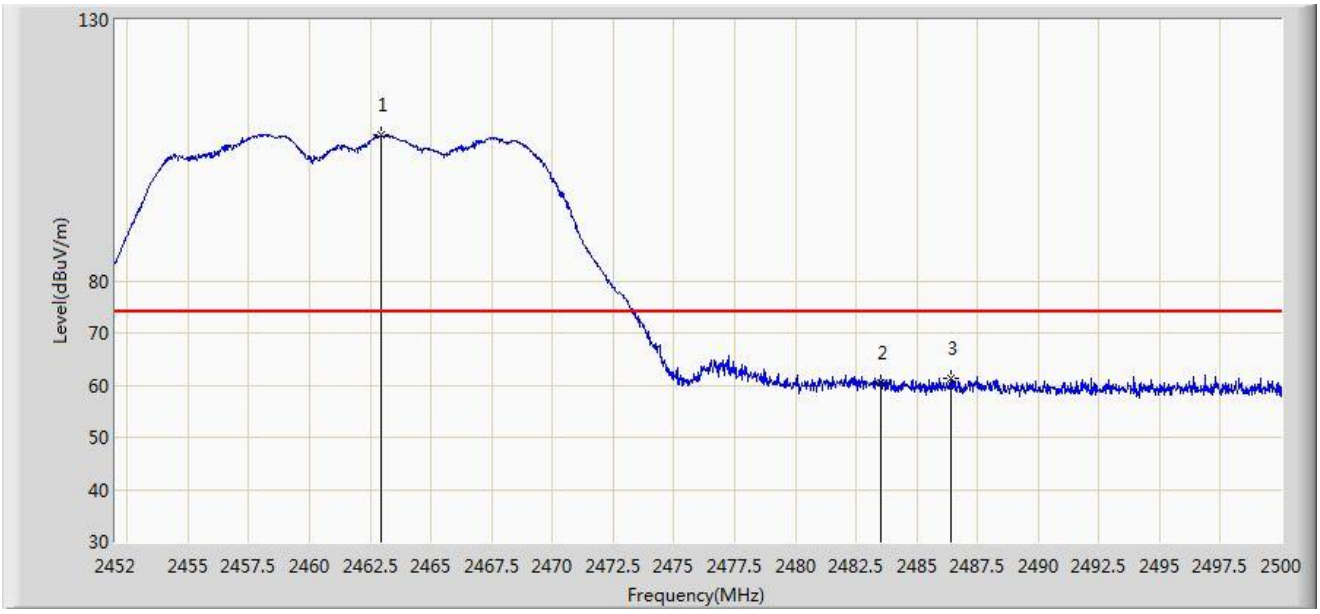


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.773	14.219	-7.227	54.000	32.554	AV
2	X	*	2431.315	109.397	76.894	N/A	N/A	32.503	AV
3			2483.500	46.613	14.032	-7.387	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/02/25 - 03:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

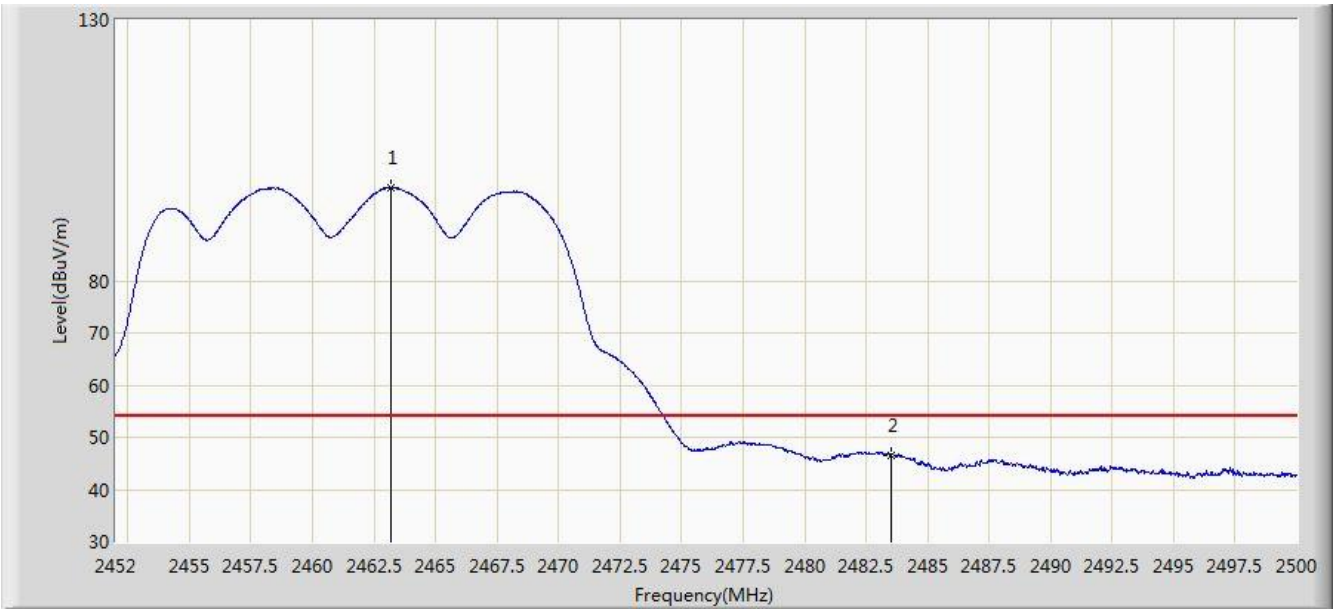


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.968	107.847	75.328	N/A	N/A	32.519	PK
2			2483.500	60.341	27.760	-13.659	74.000	32.580	PK
3			2486.392	61.225	28.636	-12.775	74.000	32.589	PK

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

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

Site: AC1	Time: 2018/02/25 - 04:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

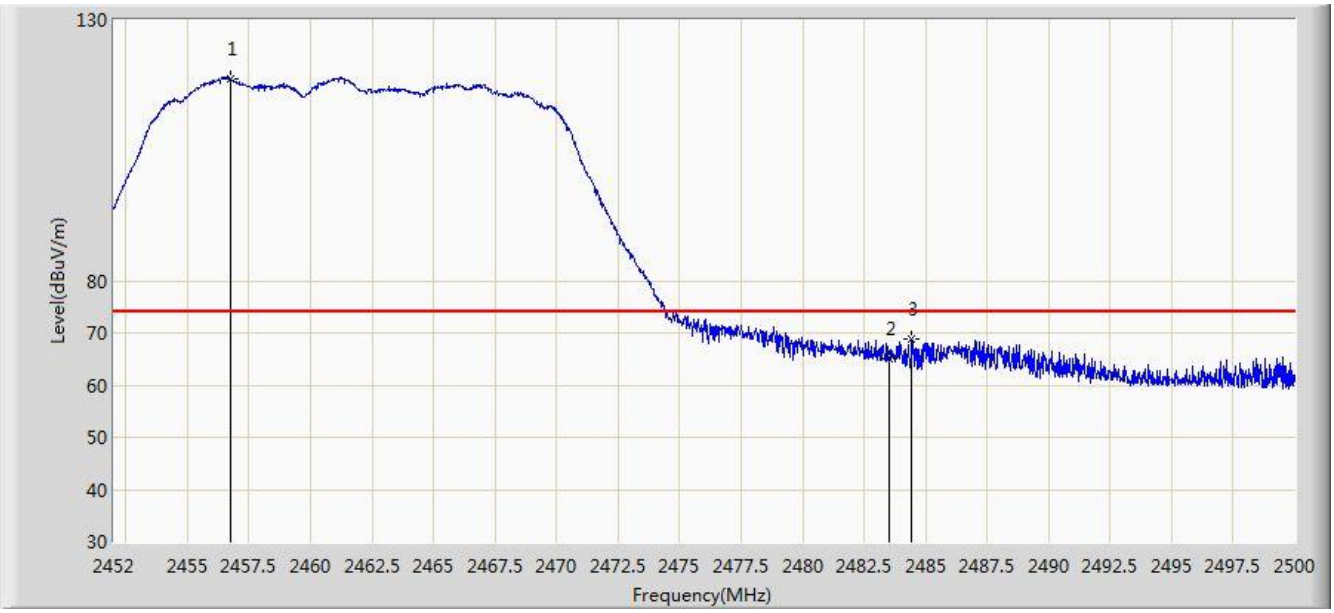


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.208	97.864	65.344	N/A	N/A	32.520	AV
2			2483.500	46.665	14.084	-7.335	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/02/25 - 03:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

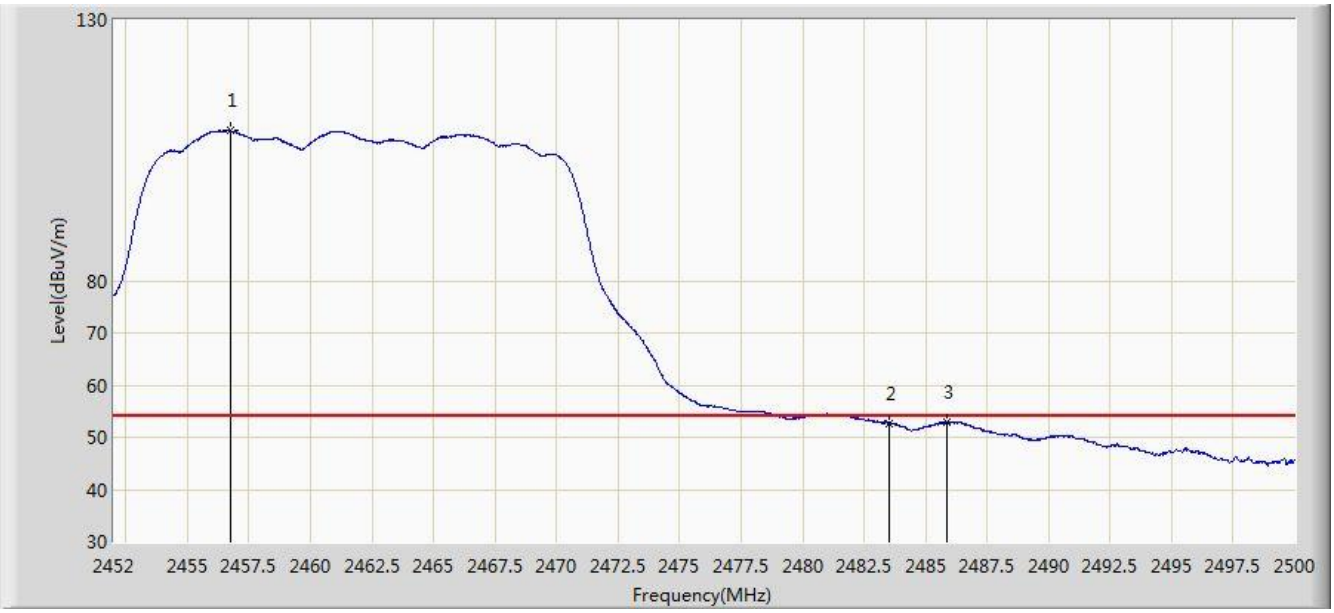


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.776	118.734	86.227	N/A	N/A	32.507	PK
2			2483.500	65.194	32.613	-8.806	74.000	32.580	PK
3			2484.448	68.761	36.178	-5.239	74.000	32.584	PK

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

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

Site: AC1	Time: 2018/02/25 - 03:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

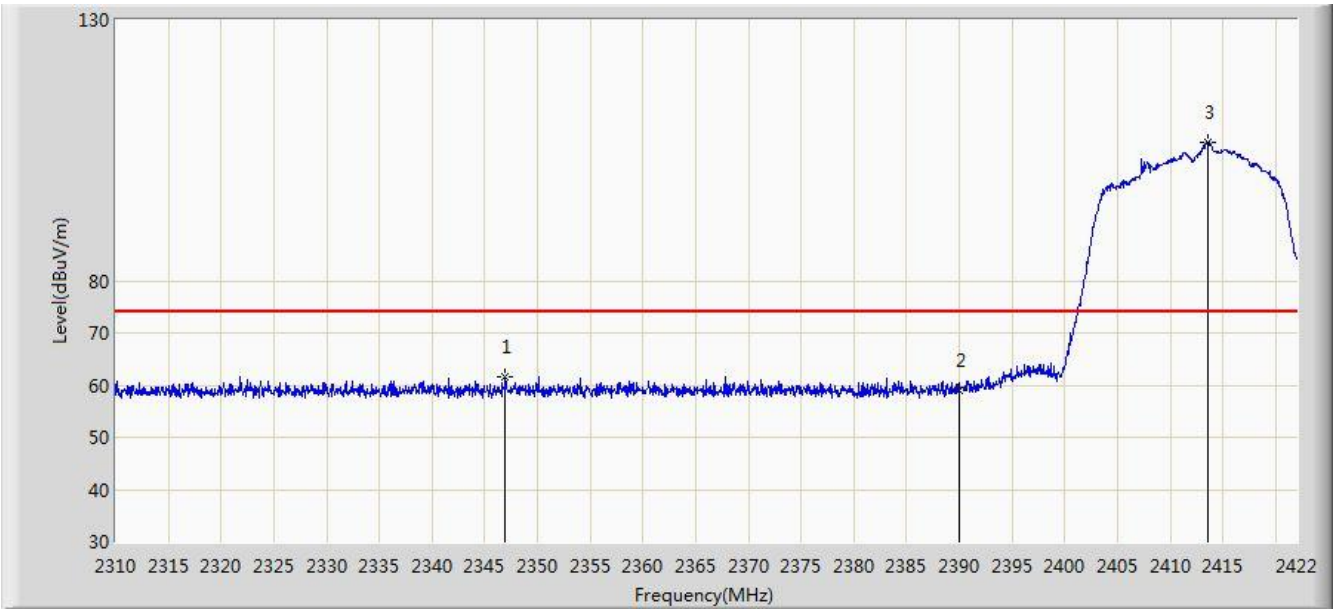


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	X	*	2456.752	108.759	76.252	N/A	N/A	32.507	AV
2			2483.500	52.729	20.148	-1.271	54.000	32.580	AV
3			2485.864	52.838	20.250	-1.162	54.000	32.588	AV

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

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

Site: AC1	Time: 2018/02/25 - 04:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

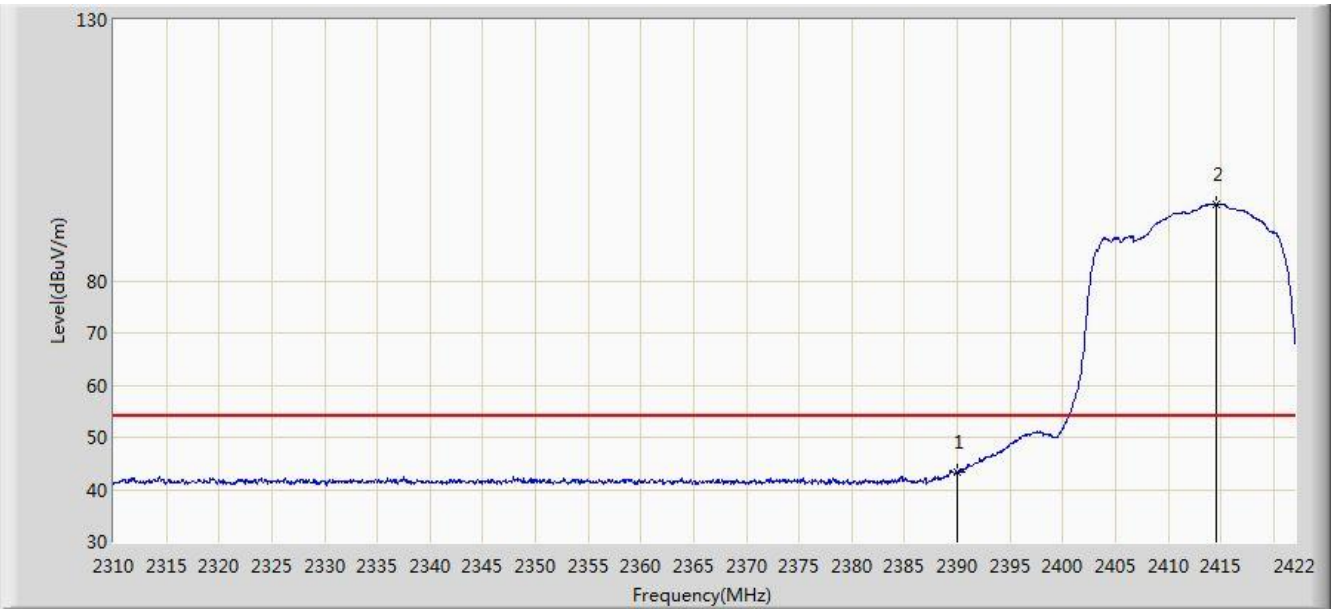


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2346.960	61.610	28.980	-12.390	74.000	32.629	PK
2			2390.000	59.008	26.454	-14.992	74.000	32.554	PK
3		*	2413.544	106.602	74.078	N/A	N/A	32.524	PK

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

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

Site: AC1	Time: 2018/02/25 - 04:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

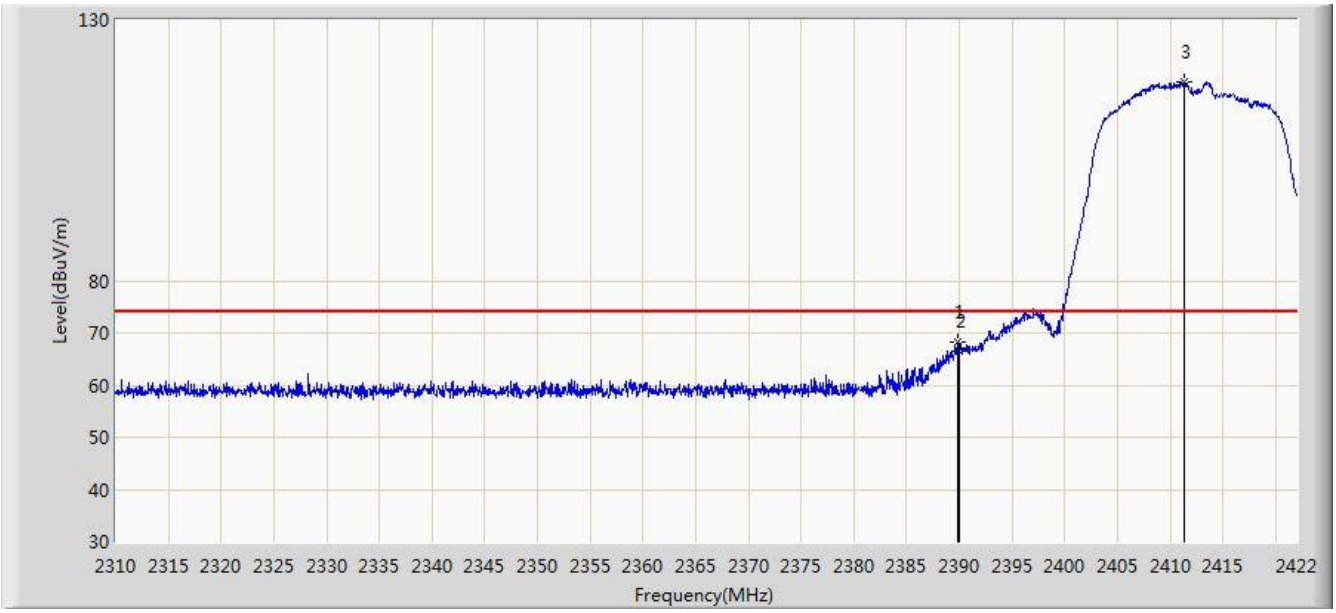


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.203	10.649	-10.797	54.000	32.554	AV
2		*	2414.608	94.702	62.180	N/A	N/A	32.522	AV

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

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

Site: AC1	Time: 2018/02/25 - 04:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

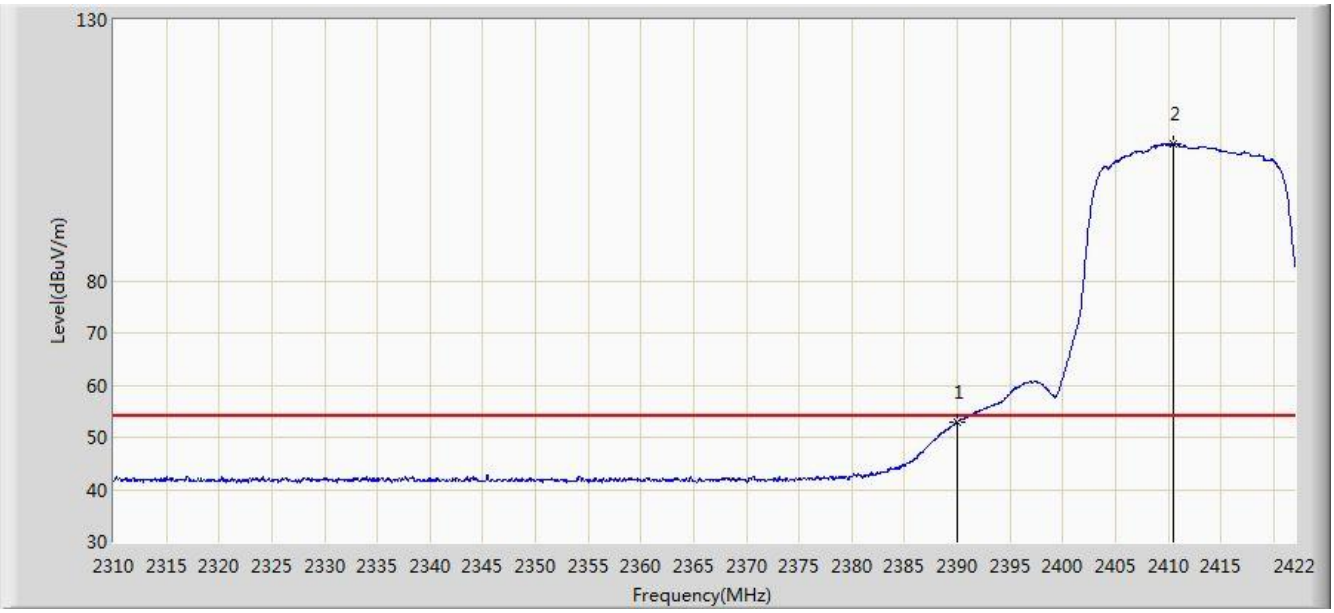


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.912	68.197	35.642	-5.803	74.000	32.555	PK
2			2390.000	66.638	34.084	-7.362	74.000	32.554	PK
3		*	2411.304	118.077	85.551	N/A	N/A	32.526	PK

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

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

Site: AC1	Time: 2018/02/25 - 04:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

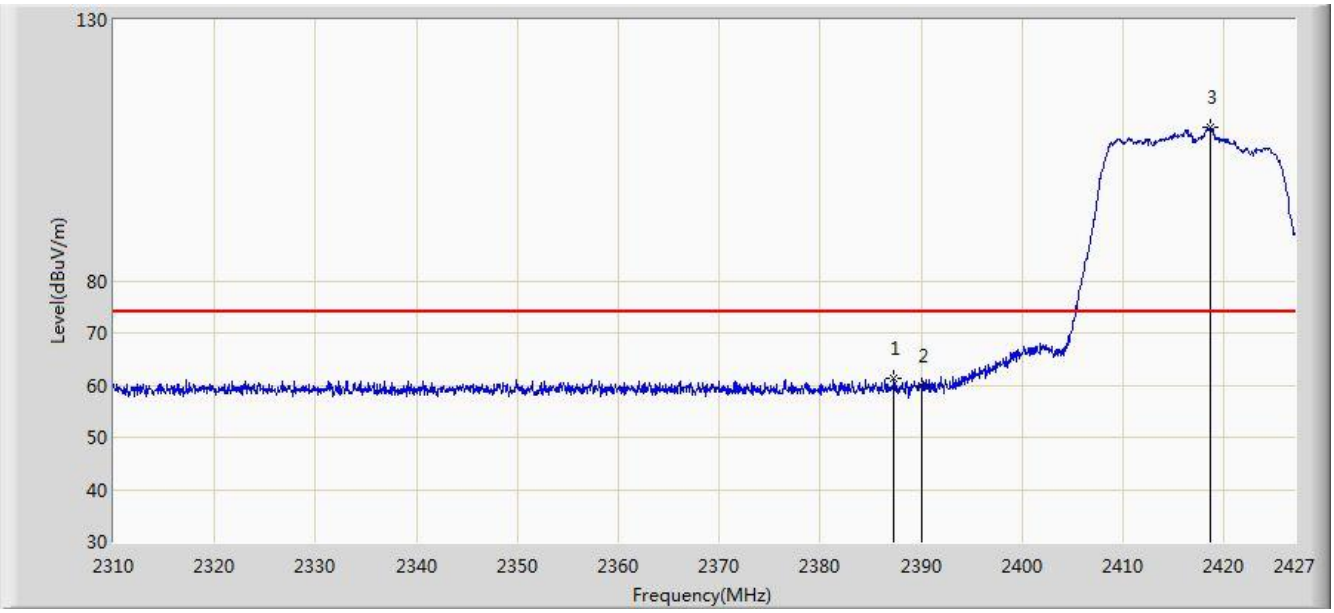


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.994	20.440	-1.006	54.000	32.554	AV
2		*	2410.464	106.339	73.811	N/A	N/A	32.527	AV

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

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

Site: AC1	Time: 2018/03/03 - 11:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2417MHz Ant 0 + 1 (CDD Mode)	

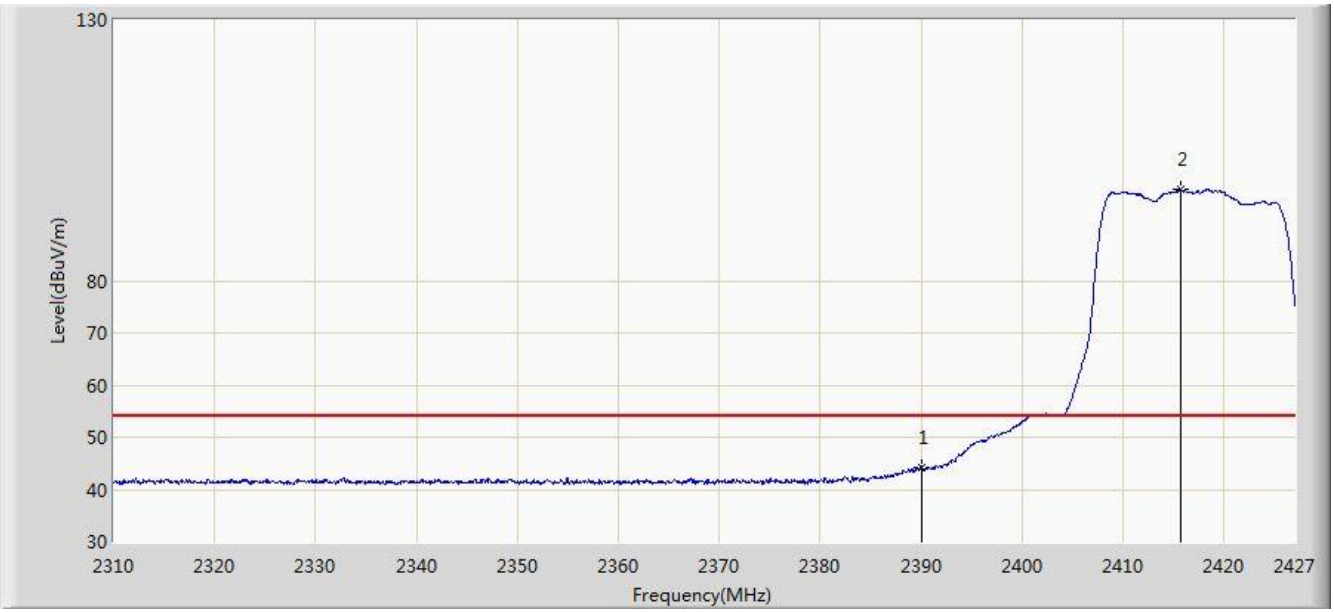


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.279	61.416	28.858	-12.584	74.000	32.558	PK
2			2390.000	59.934	27.380	-14.066	74.000	32.554	PK
3		*	2418.635	109.472	76.954	N/A	N/A	32.518	PK

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

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

Site: AC1	Time: 2018/03/03 - 11:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2417MHz Ant 0 + 1 (CDD Mode)	

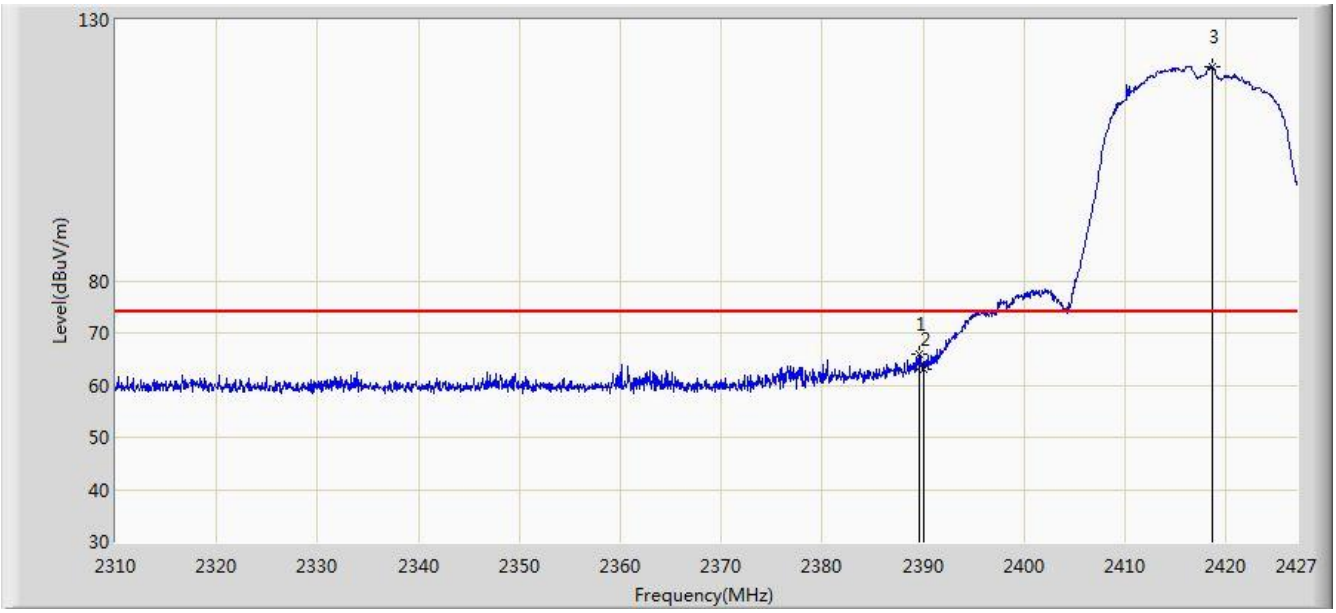


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.239	11.685	-9.761	54.000	32.554	AV
2		*	2415.651	97.557	65.036	N/A	N/A	32.521	AV

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

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

Site: AC1	Time: 2018/03/03 - 11:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2417MHz Ant 0 + 1 (CDD Mode)	

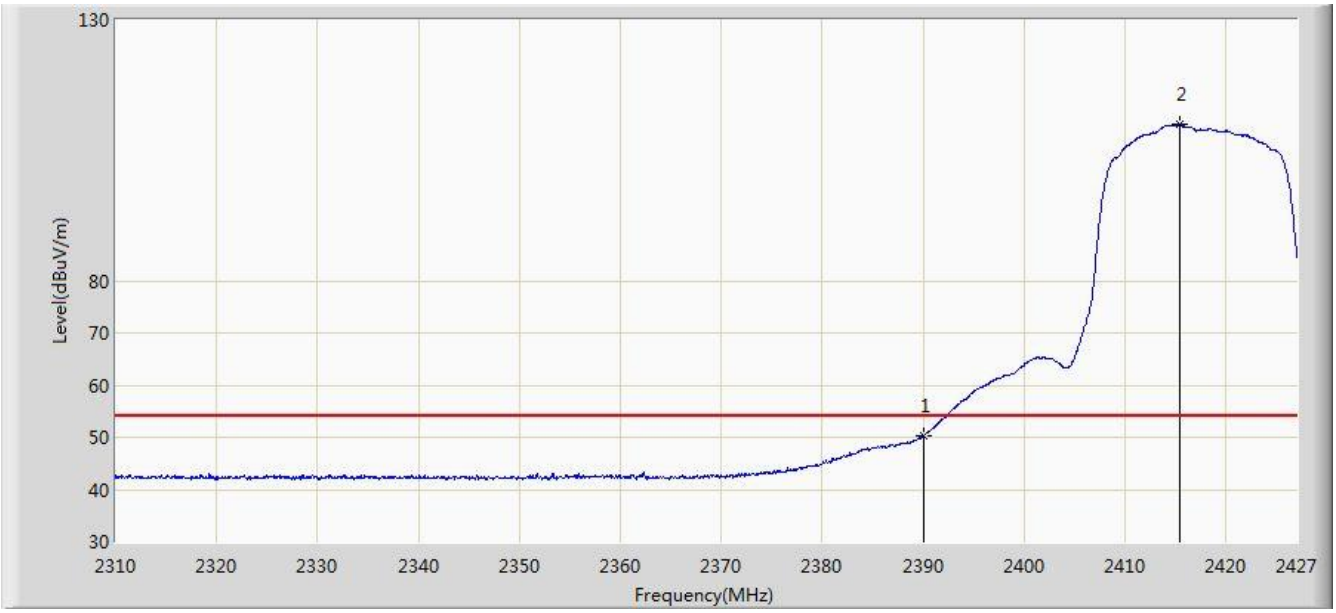


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.677	65.852	33.297	-8.148	74.000	32.555	PK
2			2390.000	63.122	30.568	-10.878	74.000	32.554	PK
3		*	2418.576	121.084	88.566	N/A	N/A	32.518	PK

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

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

Site: AC1	Time: 2018/03/03 - 11:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2417MHz Ant 0 + 1 (CDD Mode)	

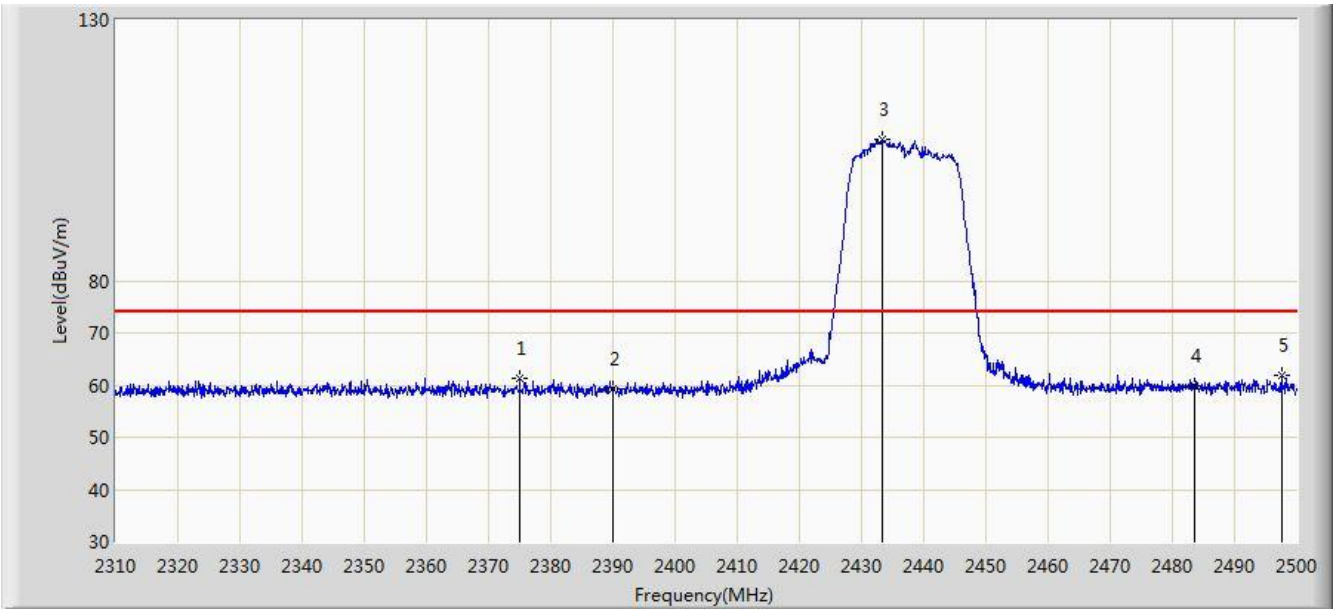


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.248	17.694	-3.752	54.000	32.554	AV
2	X	*	2415.476	110.051	77.530	N/A	N/A	32.521	AV

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

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

Site: AC1	Time: 2018/03/02 - 21:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

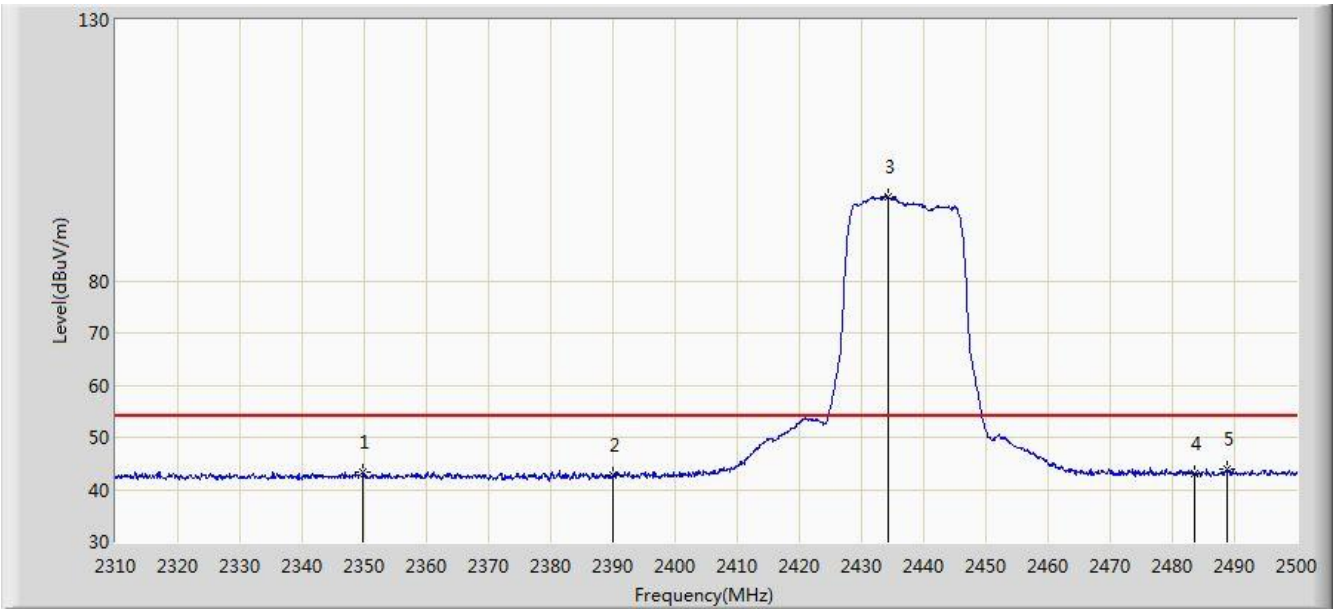


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2374.980	61.306	28.731	-12.694	74.000	32.575	PK
2			2390.000	59.226	26.672	-14.774	74.000	32.554	PK
3		*	2433.405	107.186	74.686	N/A	N/A	32.500	PK
4			2483.500	59.789	27.208	-14.211	74.000	32.580	PK
5			2497.530	61.826	29.204	-12.174	74.000	32.622	PK

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

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

Site: AC1	Time: 2018/03/02 - 21:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

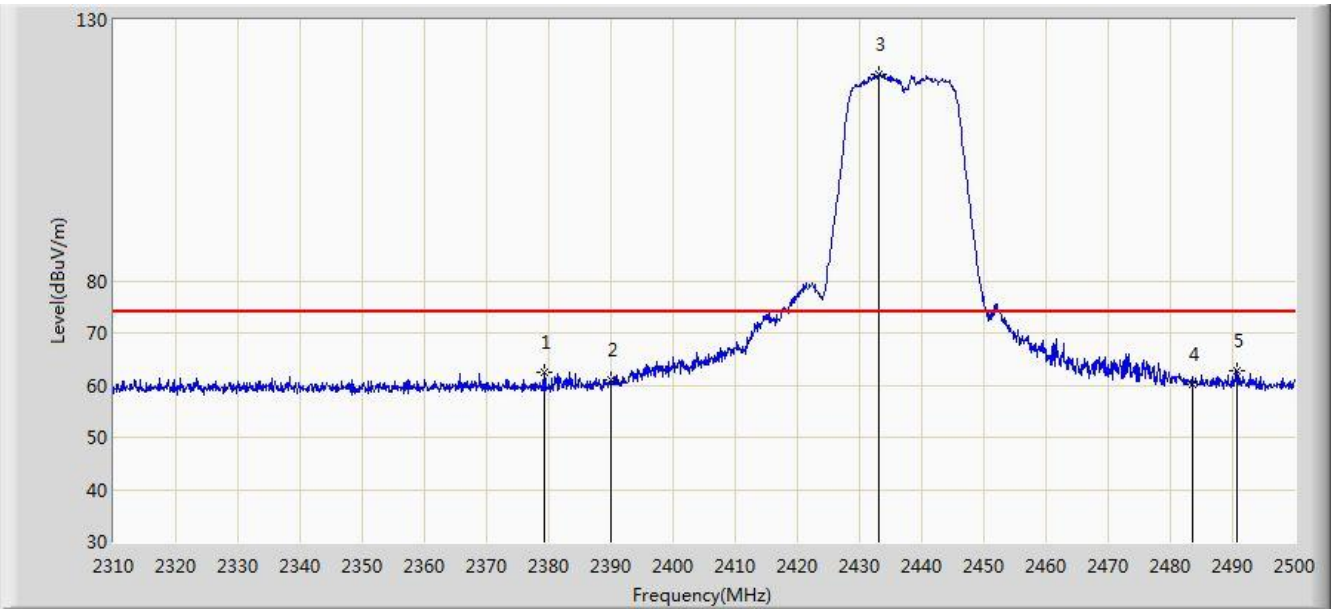


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2349.805	43.248	10.626	-10.752	54.000	32.622	AV
2			2390.000	42.668	10.114	-11.332	54.000	32.554	AV
3		*	2434.260	96.097	63.598	N/A	N/A	32.499	AV
4			2483.500	43.030	10.449	-10.970	54.000	32.580	AV
5			2488.695	43.882	11.286	-10.118	54.000	32.596	AV

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

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

Site: AC1	Time: 2018/03/02 - 21:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

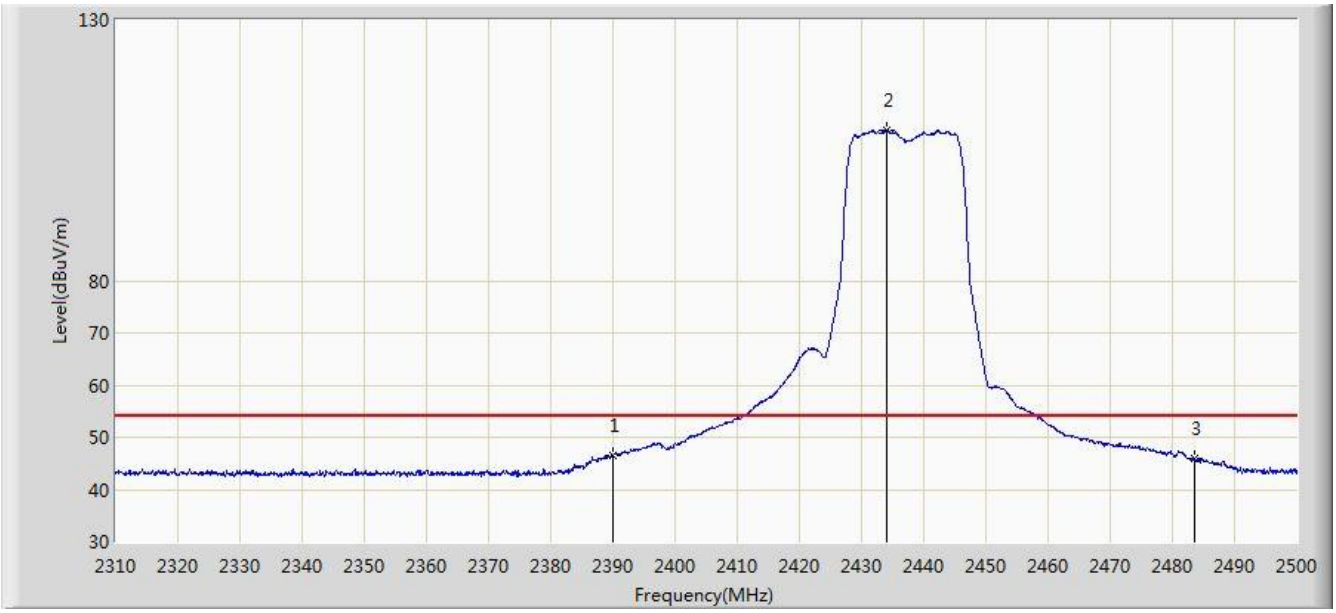


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2379.255	62.563	29.994	-11.437	74.000	32.569	PK
2			2390.000	60.873	28.319	-13.127	74.000	32.554	PK
3		*	2433.120	119.655	87.155	N/A	N/A	32.501	PK
4			2483.500	60.166	27.585	-13.834	74.000	32.580	PK
5			2490.785	62.628	30.026	-11.372	74.000	32.602	PK

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

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

Site: AC1	Time: 2018/03/02 - 21:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

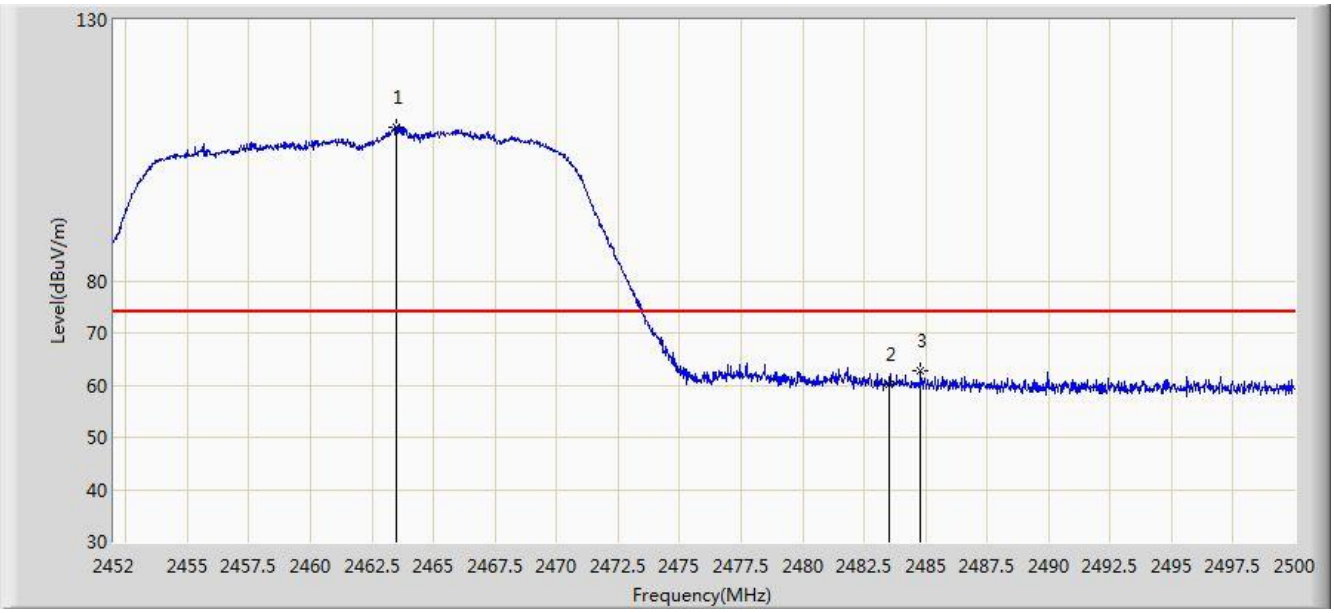


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	46.533	13.979	-7.467	54.000	32.554	AV
2	X	*	2433.975	108.848	76.349	N/A	N/A	32.500	AV
3			2483.500	45.957	13.376	-8.043	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/02/25 - 04:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

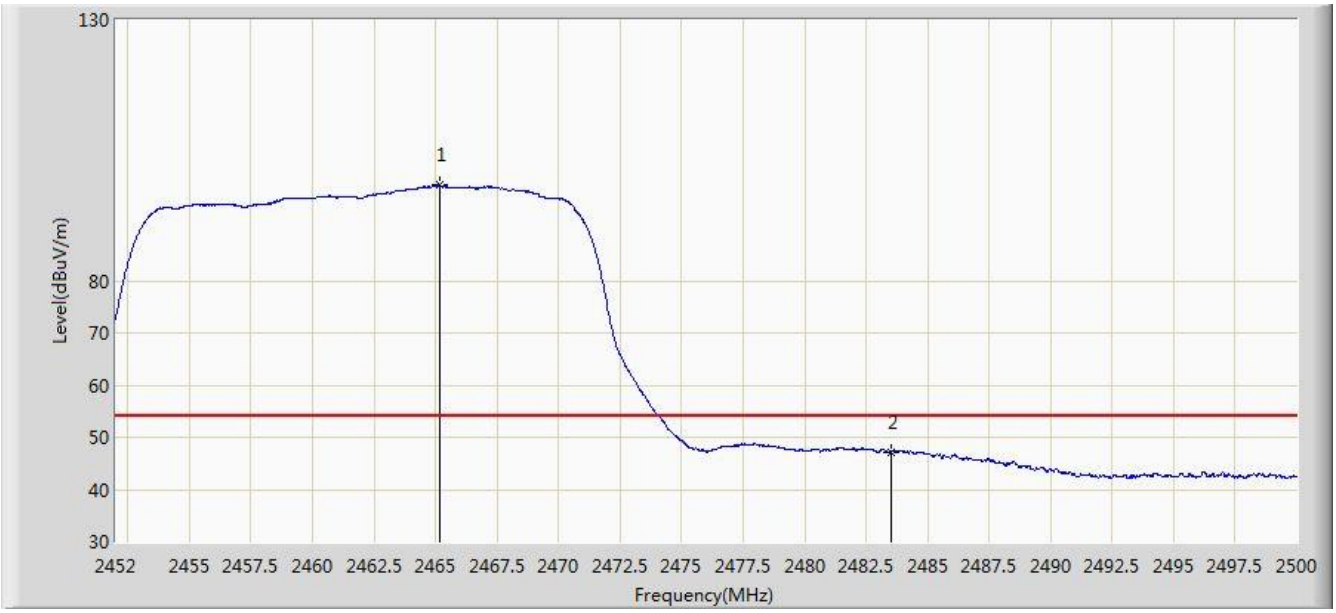


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.496	109.402	76.881	N/A	N/A	32.521	PK
2			2483.500	60.047	27.466	-13.953	74.000	32.580	PK
3			2484.784	62.783	30.199	-11.217	74.000	32.585	PK

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

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

Site: AC1	Time: 2018/02/25 - 04:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

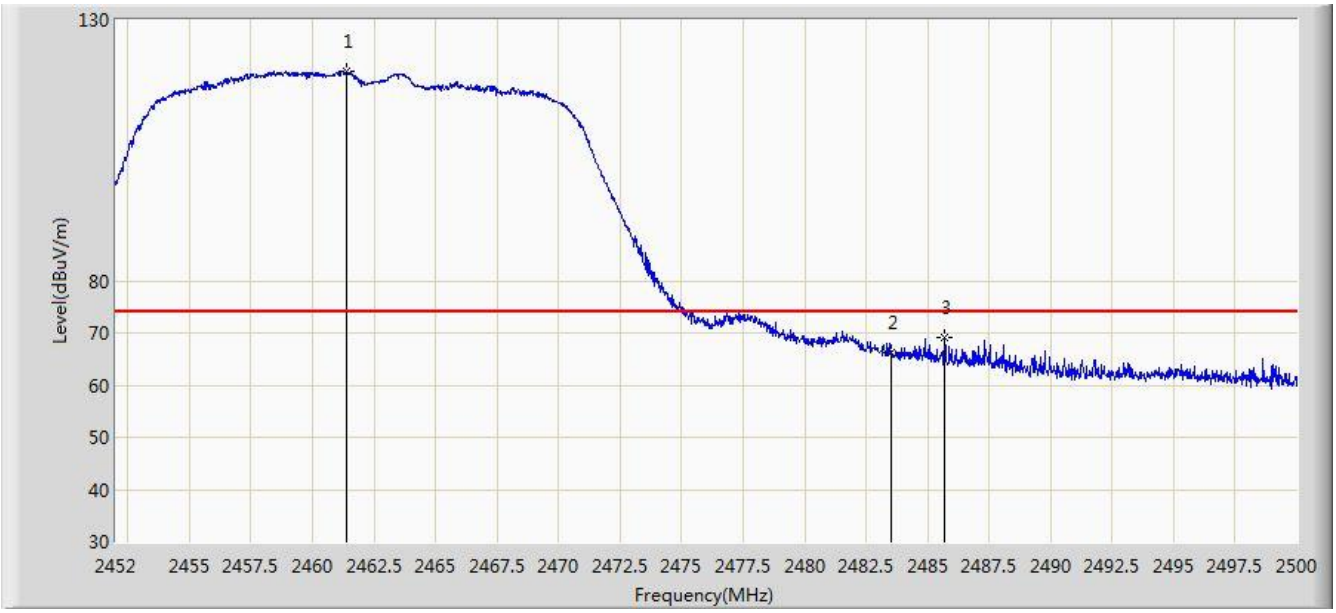


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2465.176	98.289	65.763	N/A	N/A	32.526	AV
2			2483.500	47.137	14.556	-6.863	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/02/25 - 04:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

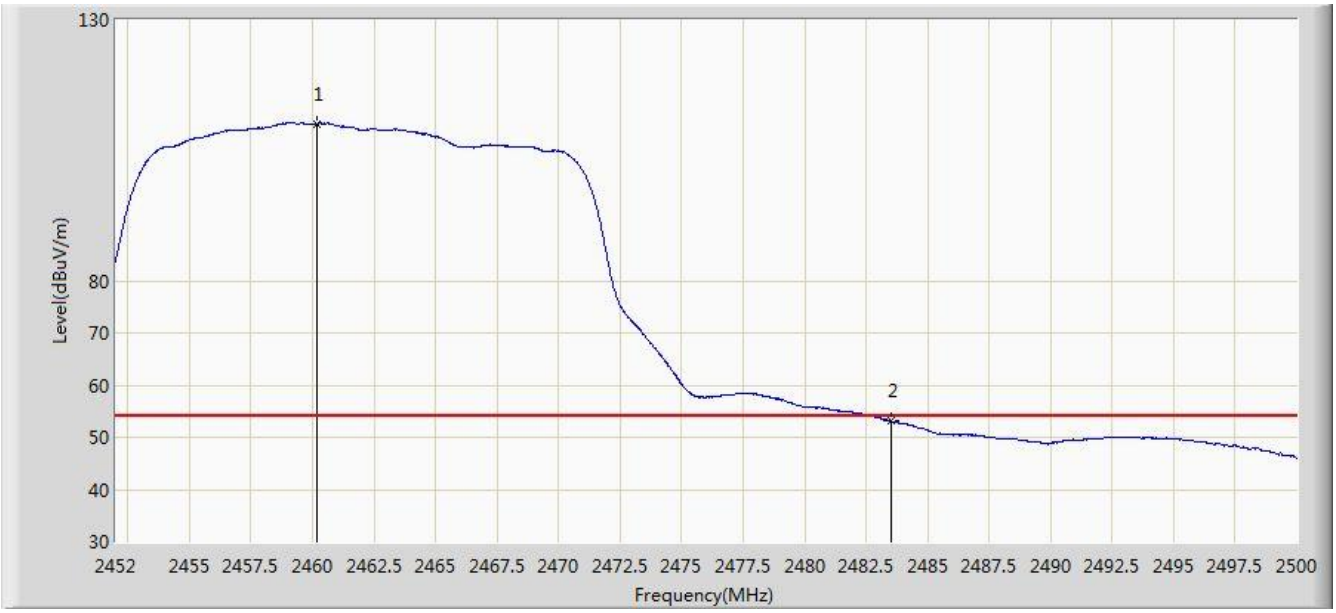


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.384	120.102	87.587	N/A	N/A	32.516	PK
2			2483.500	66.110	33.529	-7.890	74.000	32.580	PK
3			2485.672	68.989	36.402	-5.011	74.000	32.587	PK

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

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

Site: AC1	Time: 2018/02/25 - 04:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

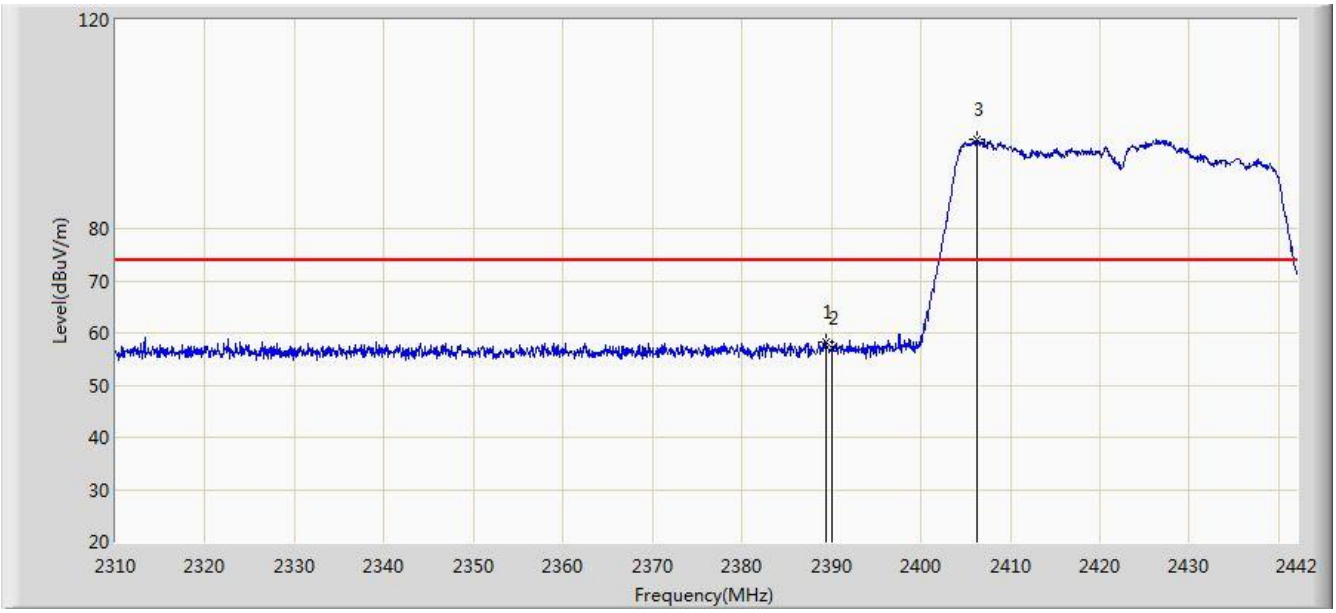


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	X	*	2460.184	110.053	77.540	N/A	N/A	32.513	AV
2			2483.500	53.154	20.573	-0.846	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/20 - 02:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (CDD Mode)	

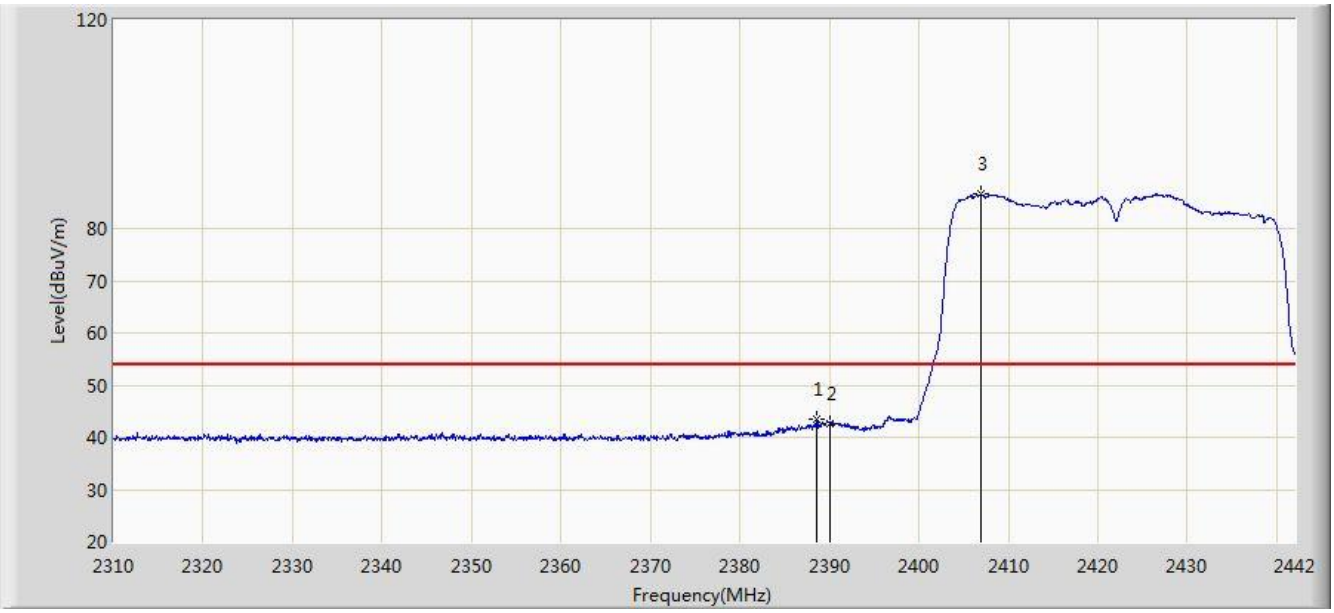


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.398	58.269	25.941	-15.731	74.000	32.327	PK
2			2390.000	57.186	24.859	-16.814	74.000	32.327	PK
3			2406.228	96.997	64.702	N/A	N/A	32.295	PK

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

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

Site: AC1	Time: 2018/03/20 - 02:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (CDD Mode)	

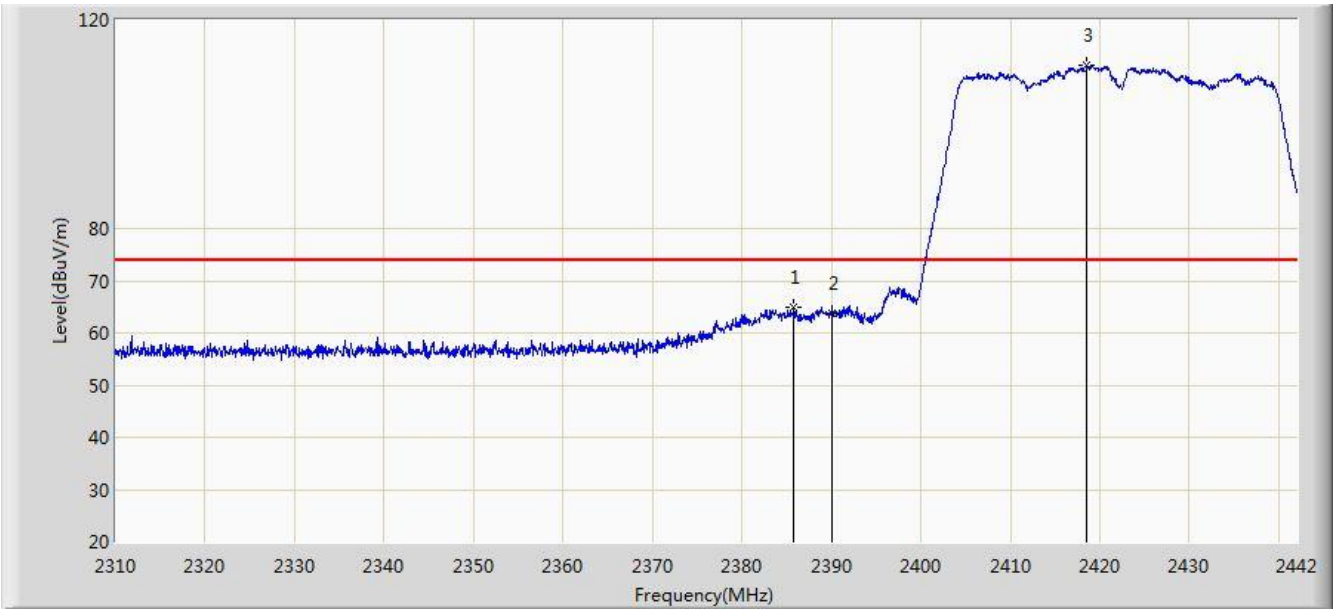


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.606	43.406	11.077	-10.594	54.000	32.328	AV
2			2390.000	42.749	10.422	-11.251	54.000	32.327	AV
3			2406.954	86.537	54.243	N/A	N/A	32.294	AV

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

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

Site: AC1	Time: 2018/03/20 - 02:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (CDD Mode)	

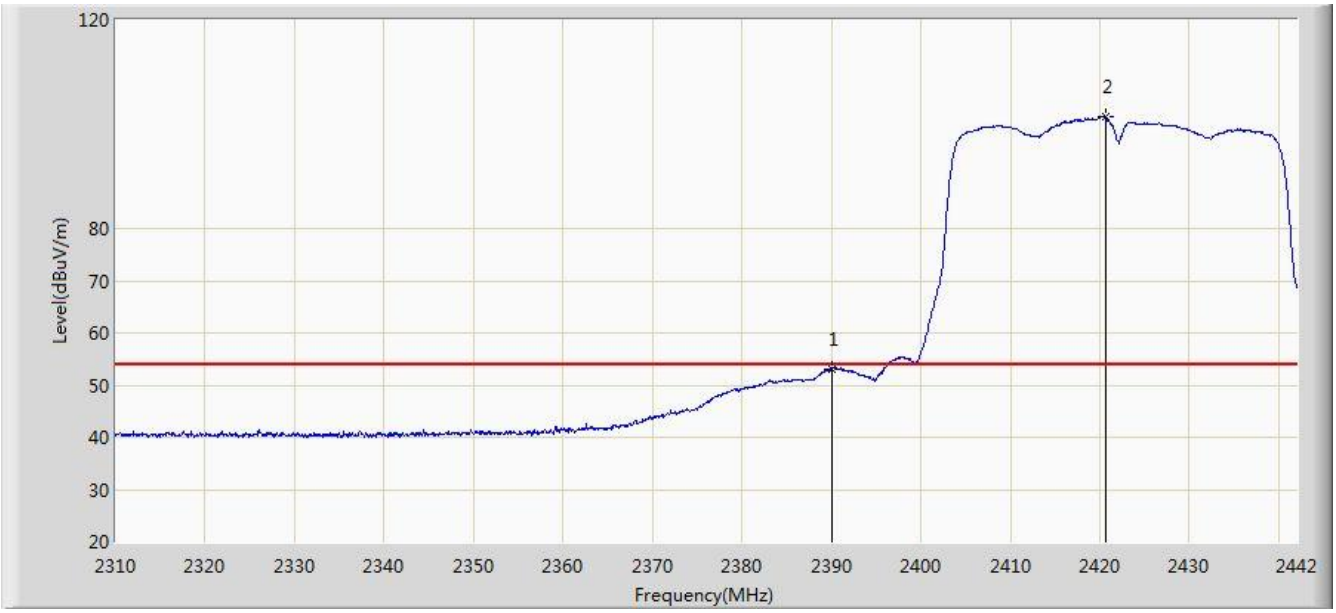


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.768	64.784	32.451	-9.216	74.000	32.333	PK
2			2390.000	63.794	31.467	-10.206	74.000	32.327	PK
3			2418.504	111.295	79.013	N/A	N/A	32.282	PK

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

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

Site: AC1	Time: 2018/03/20 - 01:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (CDD Mode)	

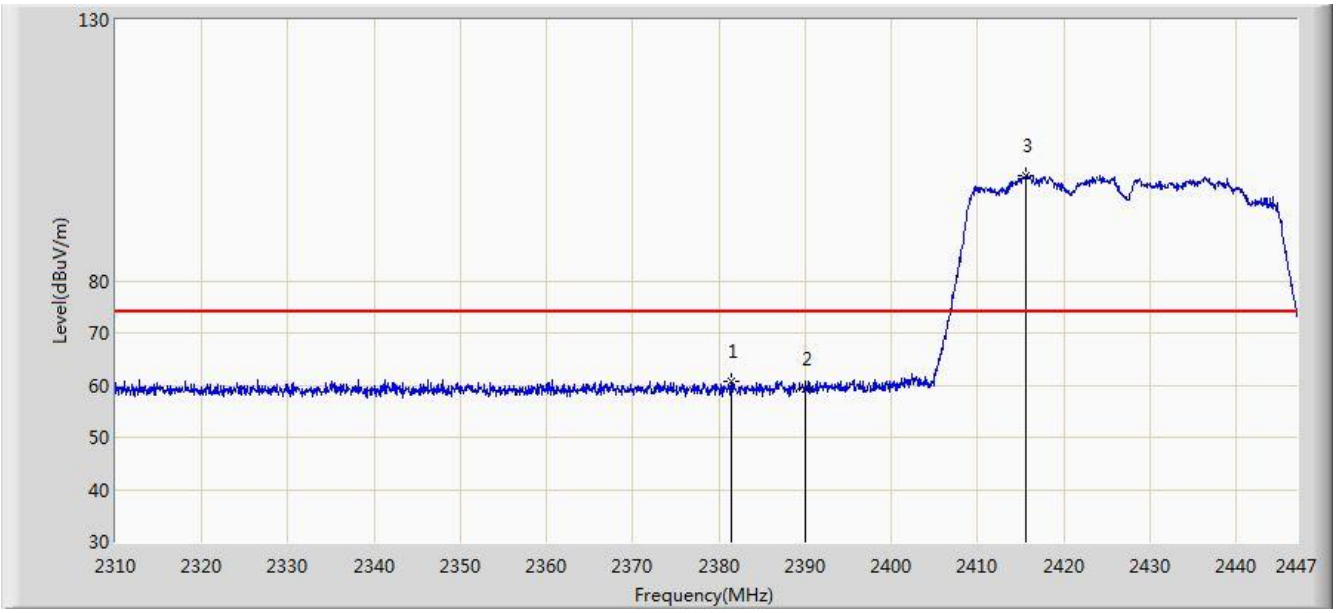


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.177	20.850	-0.823	54.000	32.327	AV
2			2420.616	101.504	69.223	N/A	N/A	32.281	AV

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

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

Site: AC1	Time: 2018/03/03 - 12:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2427MHz Ant 0 + 1 (CDD Mode)	

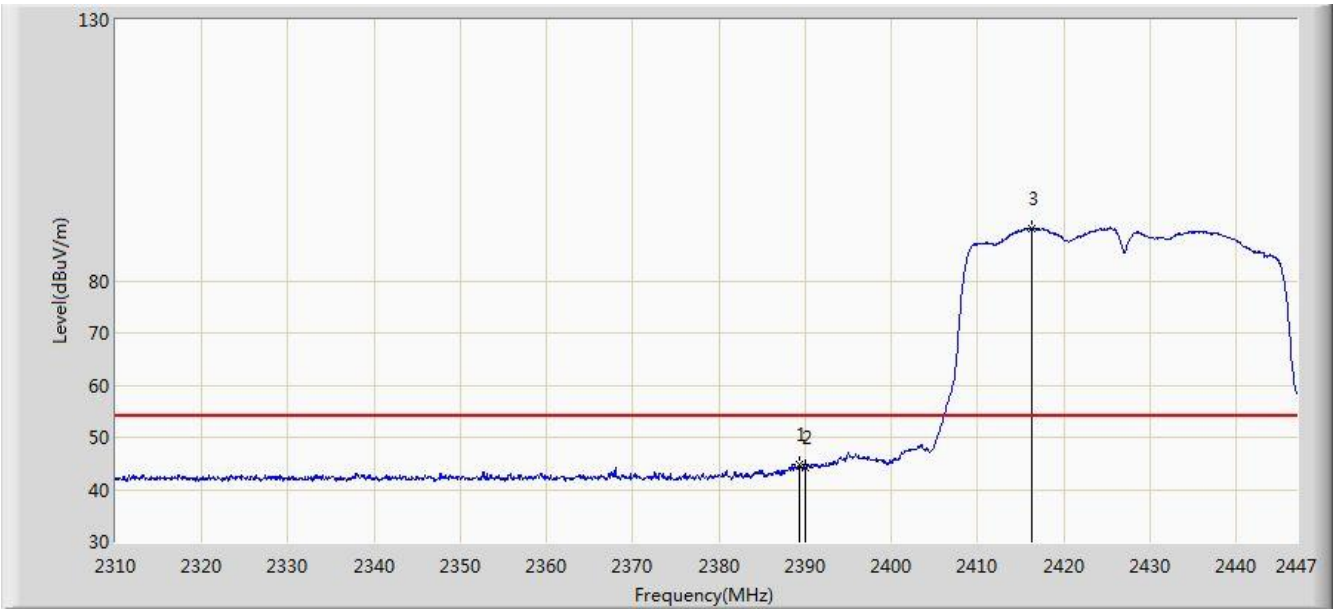


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2381.377	60.795	28.229	-13.205	74.000	32.567	PK
2			2390.000	59.410	26.856	-14.590	74.000	32.554	PK
3		*	2415.627	100.057	67.536	N/A	N/A	32.521	PK

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

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

Site: AC1	Time: 2018/03/03 - 12:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2427MHz Ant 0 + 1 (CDD Mode)	

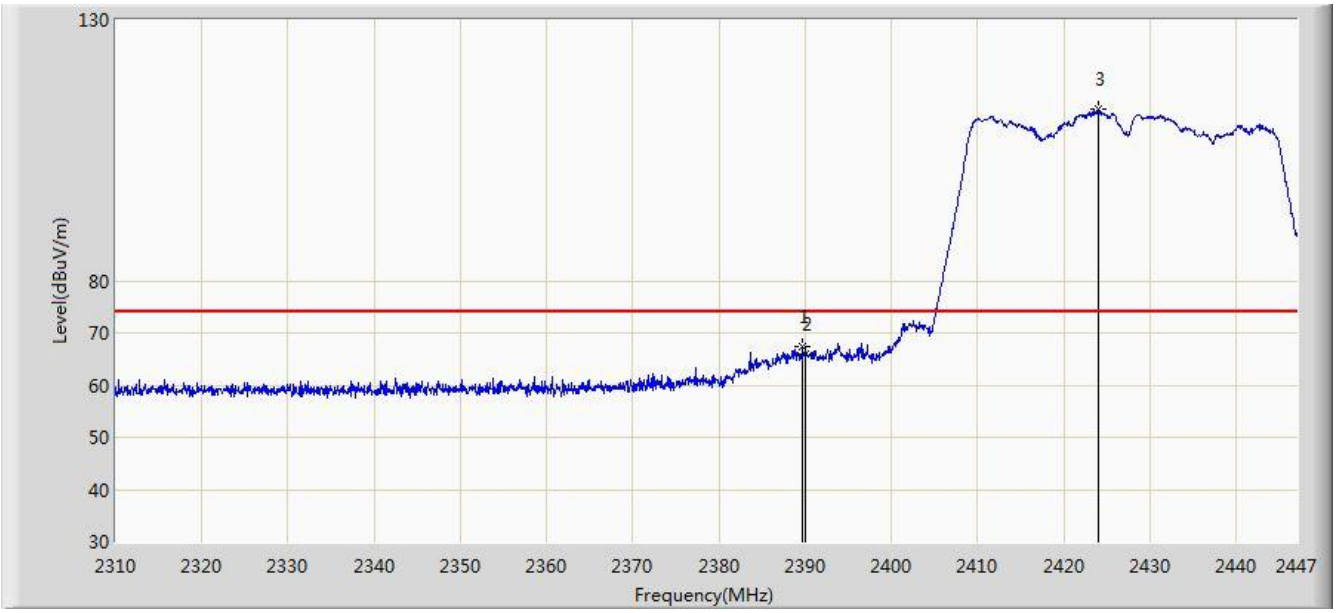


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.254	44.802	12.247	-9.198	54.000	32.555	AV
2			2390.000	44.299	11.745	-9.701	54.000	32.554	AV
3		*	2416.243	90.117	57.596	N/A	N/A	32.520	AV

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

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

Site: AC1	Time: 2018/03/03 - 12:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2427MHz Ant 0 + 1 (CDD Mode)	

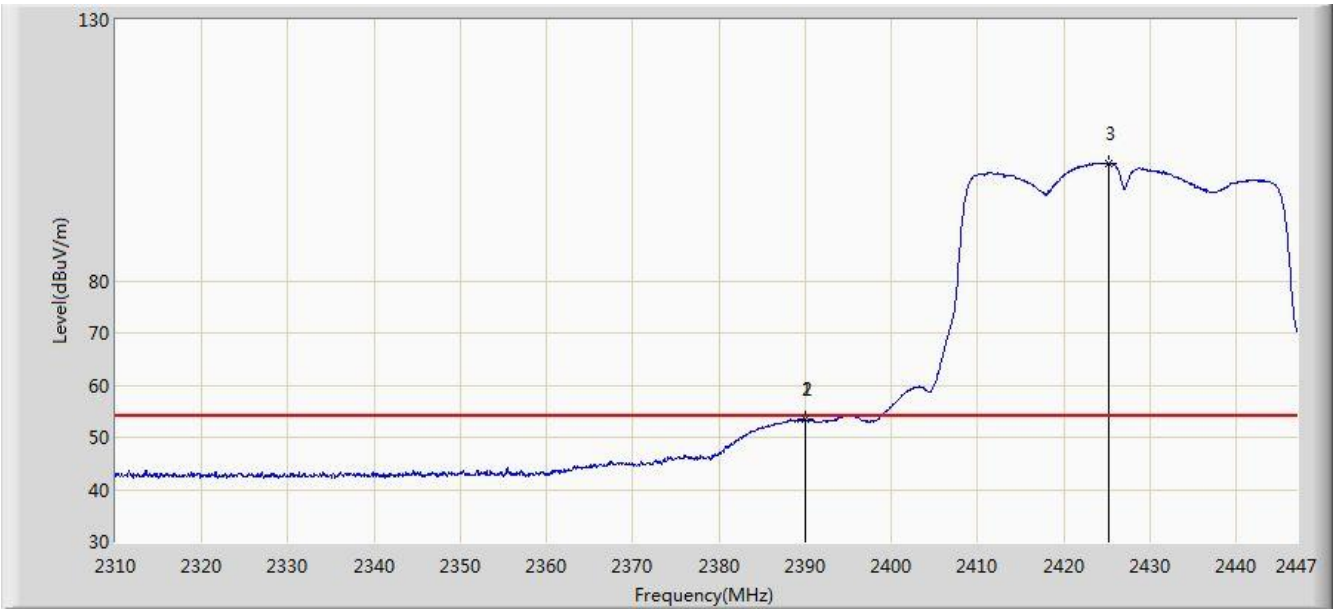


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.666	67.304	34.749	-6.696	74.000	32.555	PK
2			2390.000	65.918	33.364	-8.082	74.000	32.554	PK
3		*	2423.916	112.875	80.364	N/A	N/A	32.512	PK

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

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

Site: AC1	Time: 2018/03/03 - 12:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2427MHz Ant 0 + 1 (CDD Mode)	

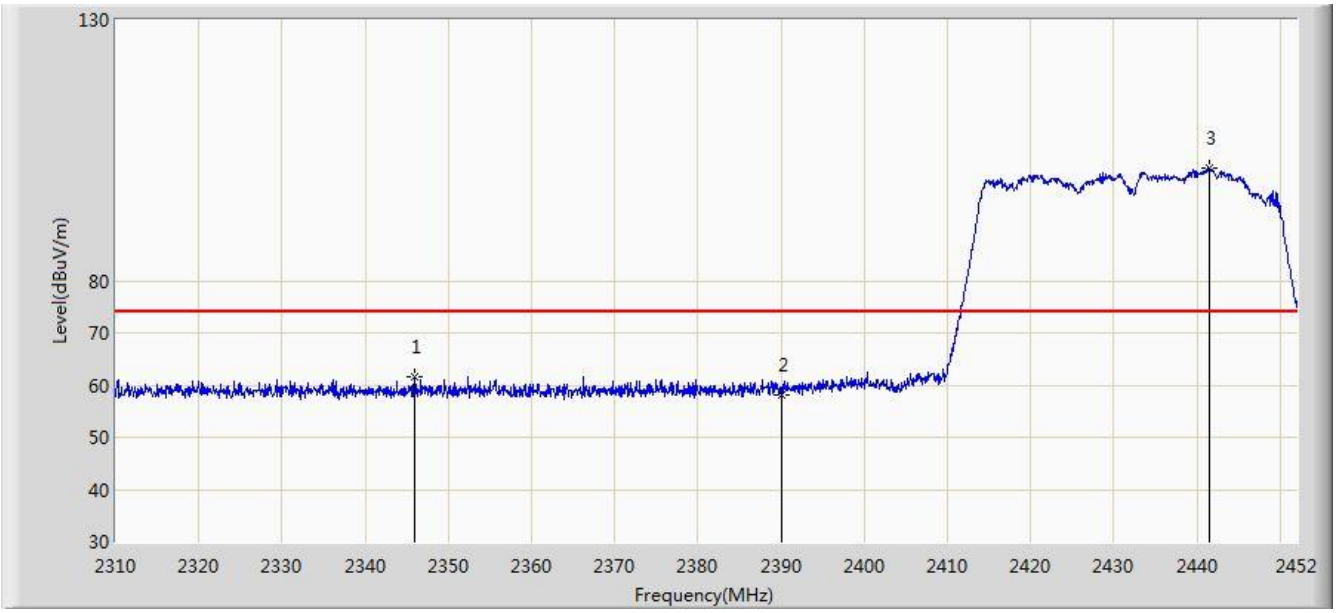


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.939	53.435	20.880	-0.565	54.000	32.555	AV
2			2390.000	53.421	20.867	-0.579	54.000	32.554	AV
3		*	2425.217	102.541	70.031	N/A	N/A	32.510	AV

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

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

Site: AC1	Time: 2018/03/03 - 12:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2432MHz Ant 0 + 1 (CDD Mode)	

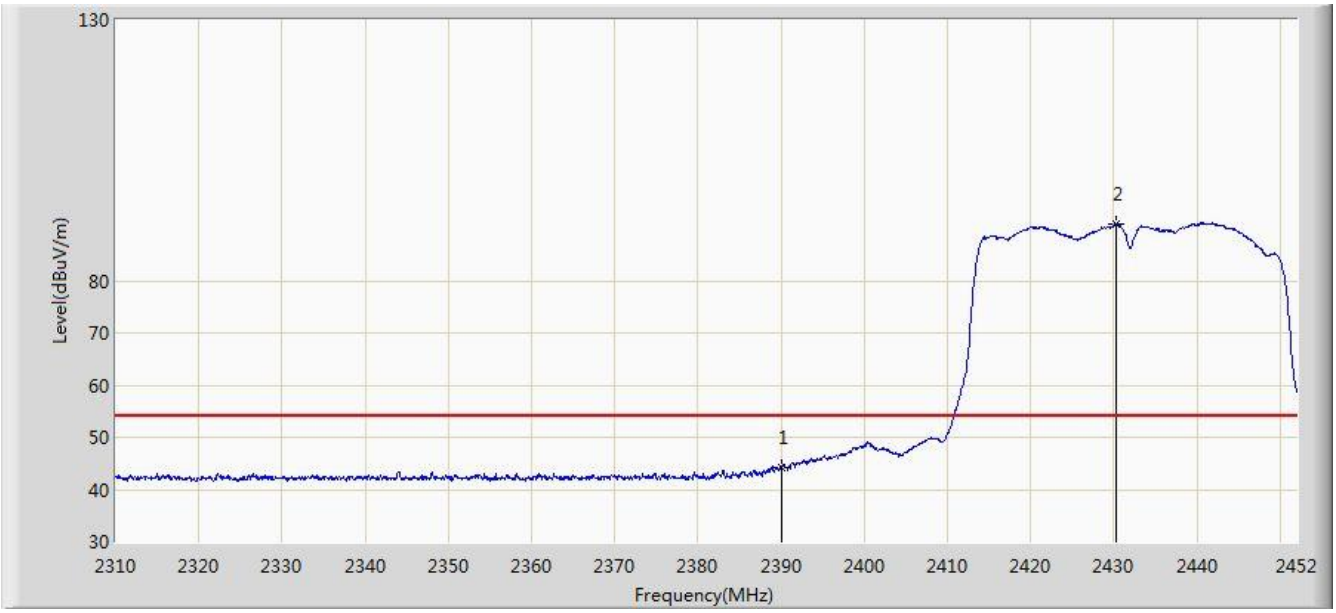


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2345.997	61.674	29.042	-12.326	74.000	32.632	PK
2			2390.000	58.235	25.681	-15.765	74.000	32.554	PK
3		*	2441.492	101.510	69.020	N/A	N/A	32.490	PK

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

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

Site: AC1	Time: 2018/03/03 - 12:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2432MHz Ant 0 + 1 (CDD Mode)	

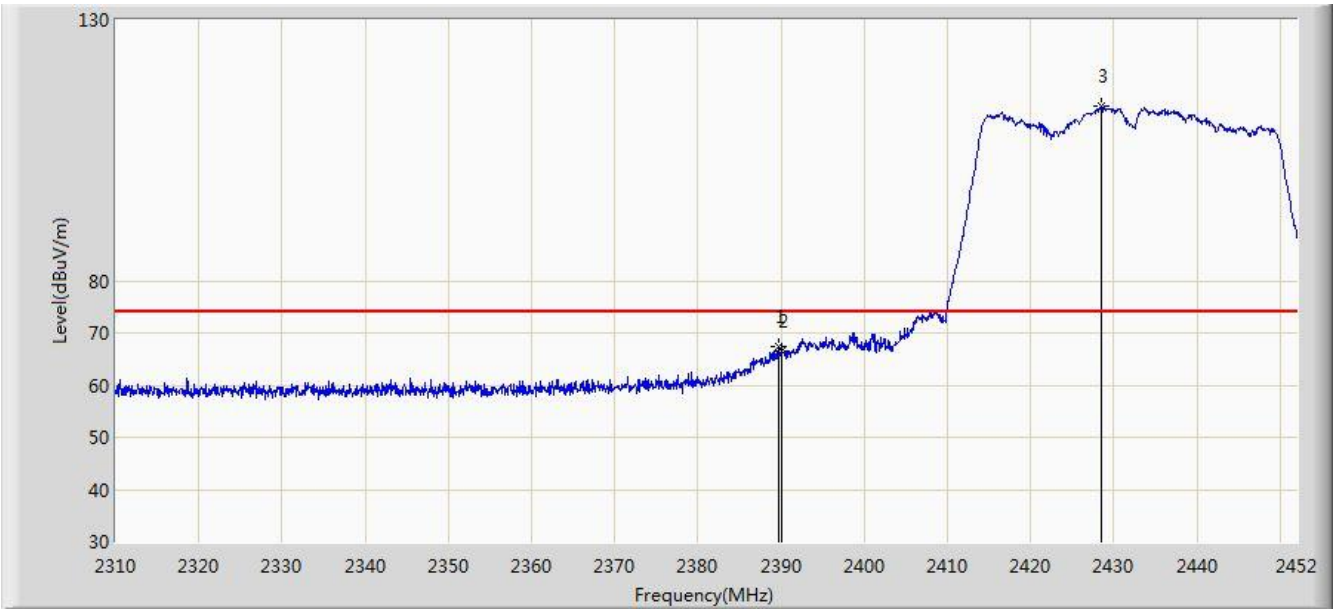


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.242	11.688	-9.758	54.000	32.554	AV
2		*	2430.345	90.761	58.257	N/A	N/A	32.503	AV

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

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

Site: AC1	Time: 2018/03/03 - 12:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2432MHz Ant 0 + 1 (CDD Mode)	

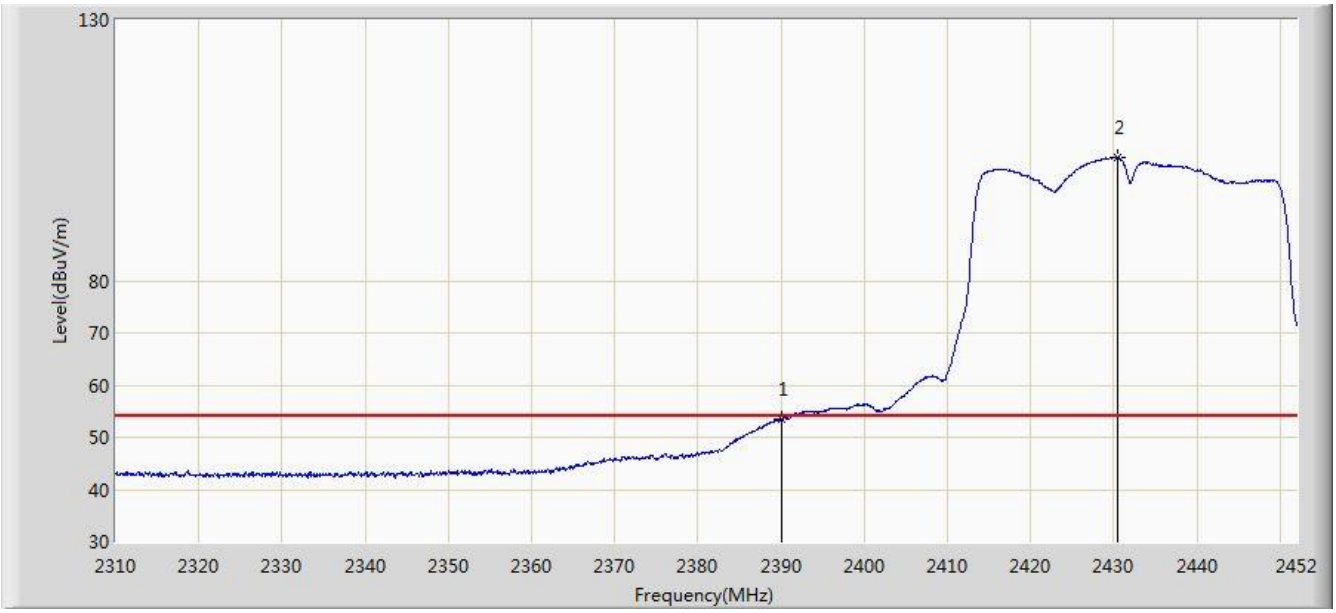


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.662	67.423	34.868	-6.577	74.000	32.555	PK
2			2390.000	66.441	33.887	-7.559	74.000	32.554	PK
3		*	2428.570	113.608	81.102	N/A	N/A	32.506	PK

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

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

Site: AC1	Time: 2018/03/03 - 12:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2432MHz Ant 0 + 1 (CDD Mode)	

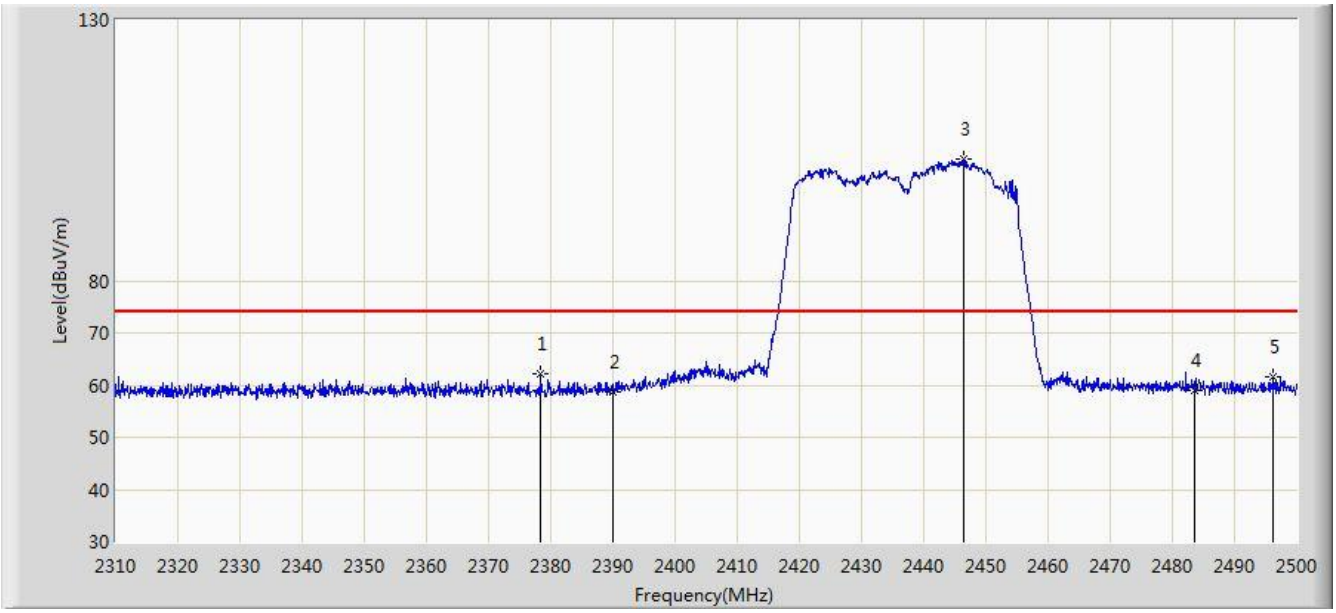


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.478	20.924	-0.522	54.000	32.554	AV
2		*	2430.487	103.576	71.072	N/A	N/A	32.504	AV

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

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

Site: AC1	Time: 2018/03/02 - 21:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

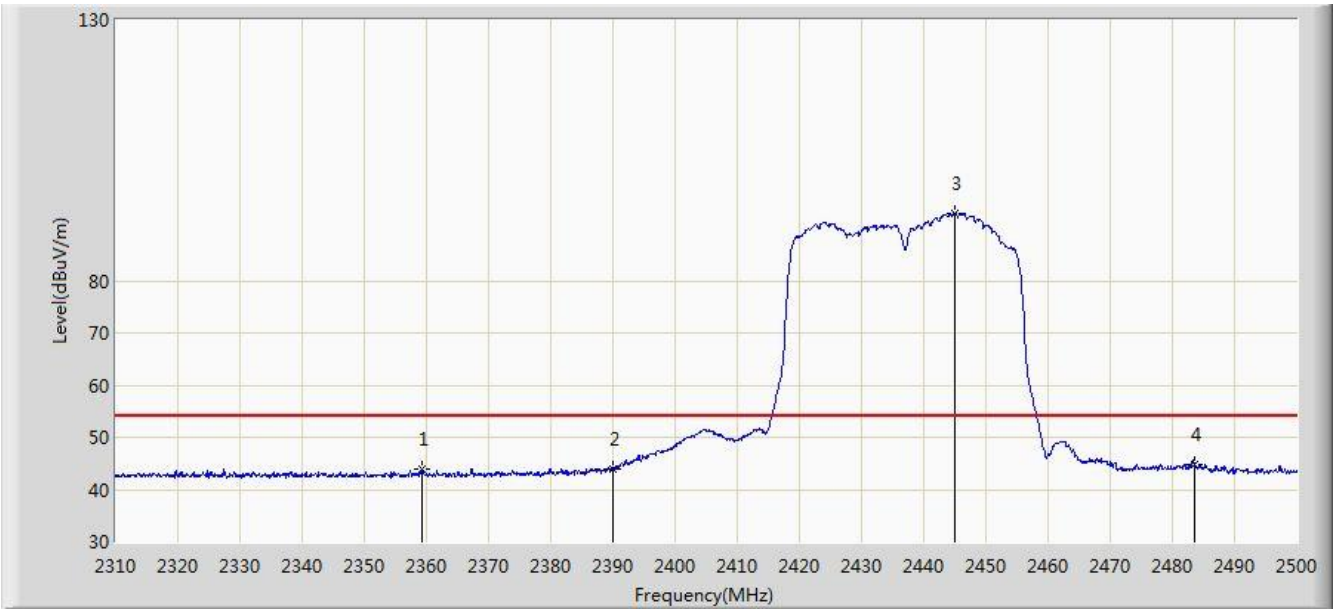


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2378.400	62.254	29.684	-11.746	74.000	32.570	PK
2			2390.000	58.787	26.233	-15.213	74.000	32.554	PK
3		*	2446.325	103.281	70.792	N/A	N/A	32.489	PK
4			2483.500	58.933	26.352	-15.067	74.000	32.580	PK
5			2496.295	61.685	29.066	-12.315	74.000	32.618	PK

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

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

Site: AC1	Time: 2018/03/02 - 21:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

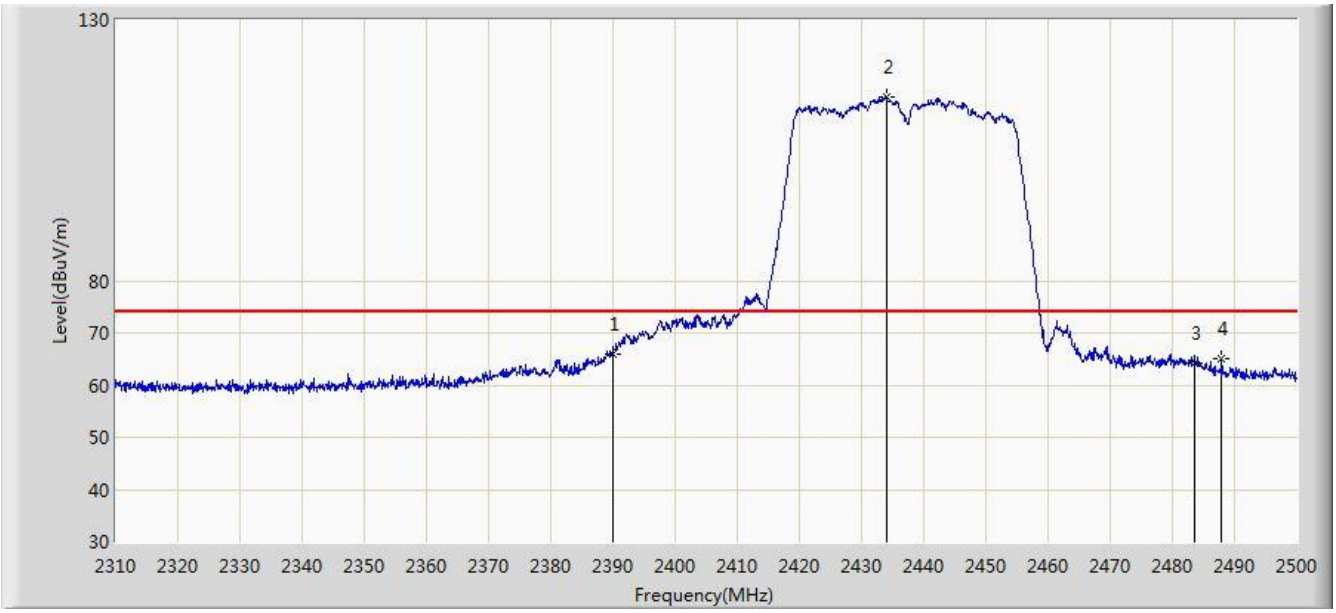


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2359.210	43.948	11.350	-10.052	54.000	32.598	AV
2			2390.000	43.774	11.220	-10.226	54.000	32.554	AV
3		*	2444.995	92.900	60.414	N/A	N/A	32.486	AV
4			2483.500	44.758	12.177	-9.242	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/02 - 21:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

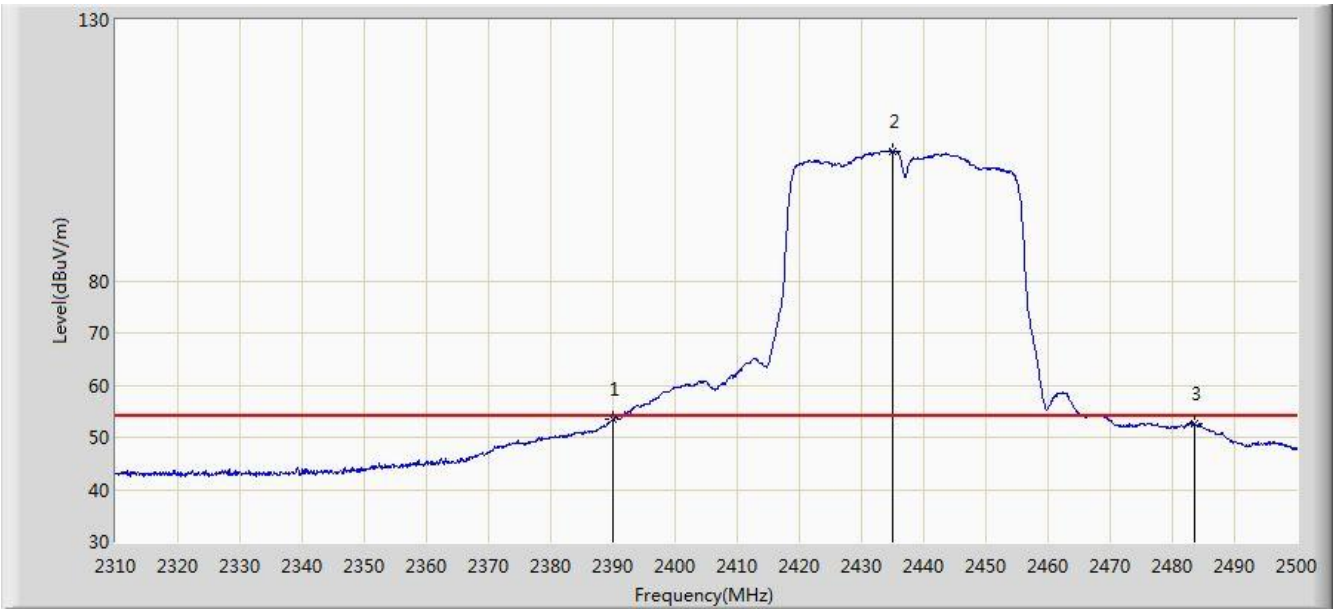


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	66.017	33.463	-7.983	74.000	32.554	PK
2		*	2433.975	115.074	82.575	N/A	N/A	32.500	PK
3			2483.500	64.347	31.766	-9.653	74.000	32.580	PK
4			2487.935	64.982	32.388	-9.018	74.000	32.594	PK

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

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

Site: AC1	Time: 2018/03/02 - 21:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

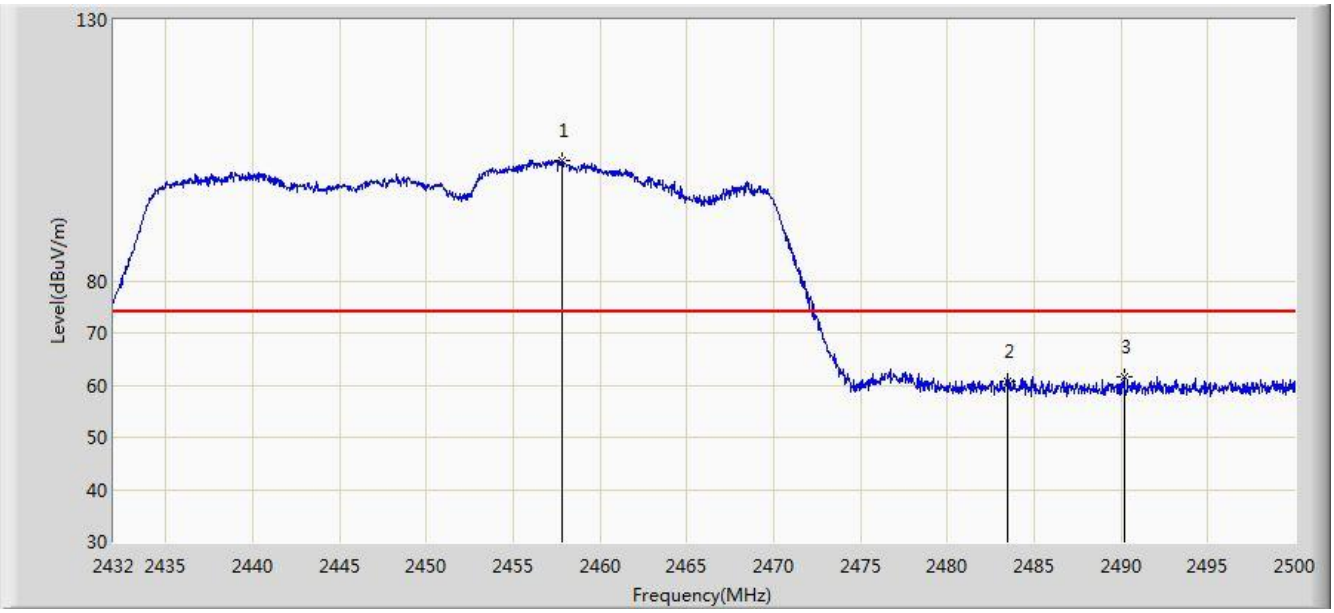


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.345	20.791	-0.655	54.000	32.554	AV
2		*	2434.925	104.835	72.337	N/A	N/A	32.498	AV
3			2483.500	52.565	19.984	-1.435	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/02/25 - 05:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0 + 1 (CDD Mode)	

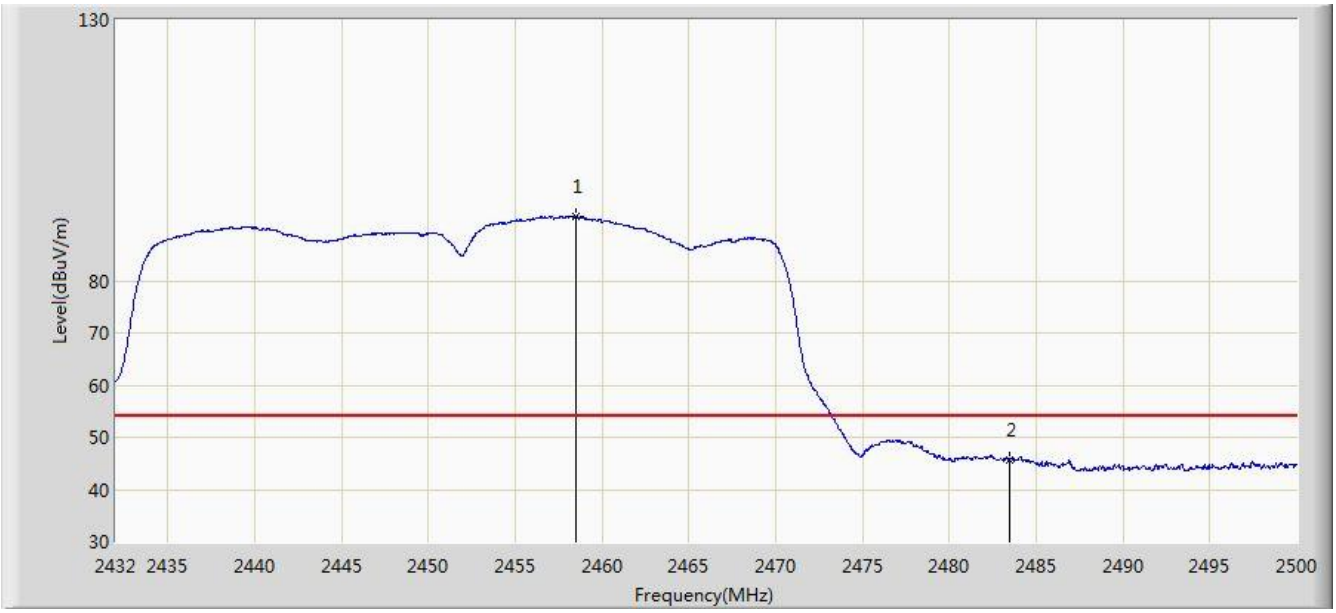


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2457.806	102.932	70.423	N/A	N/A	32.509	PK
2			2483.500	60.749	28.168	-13.251	74.000	32.580	PK
3			2490.174	61.539	28.938	-12.461	74.000	32.600	PK

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

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

Site: AC1	Time: 2018/02/25 - 05:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0 + 1 (CDD Mode)	

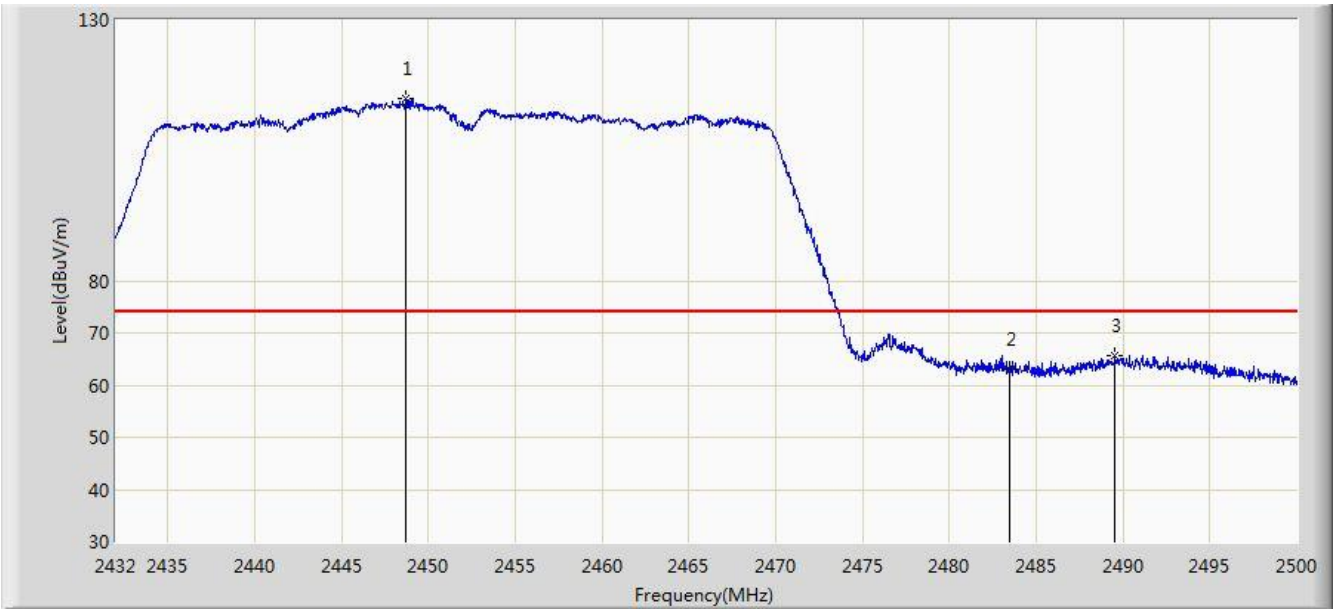


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.520	92.295	59.785	N/A	N/A	32.510	AV
2			2483.500	45.735	13.154	-8.265	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/02/25 - 05:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0 + 1 (CDD Mode)	

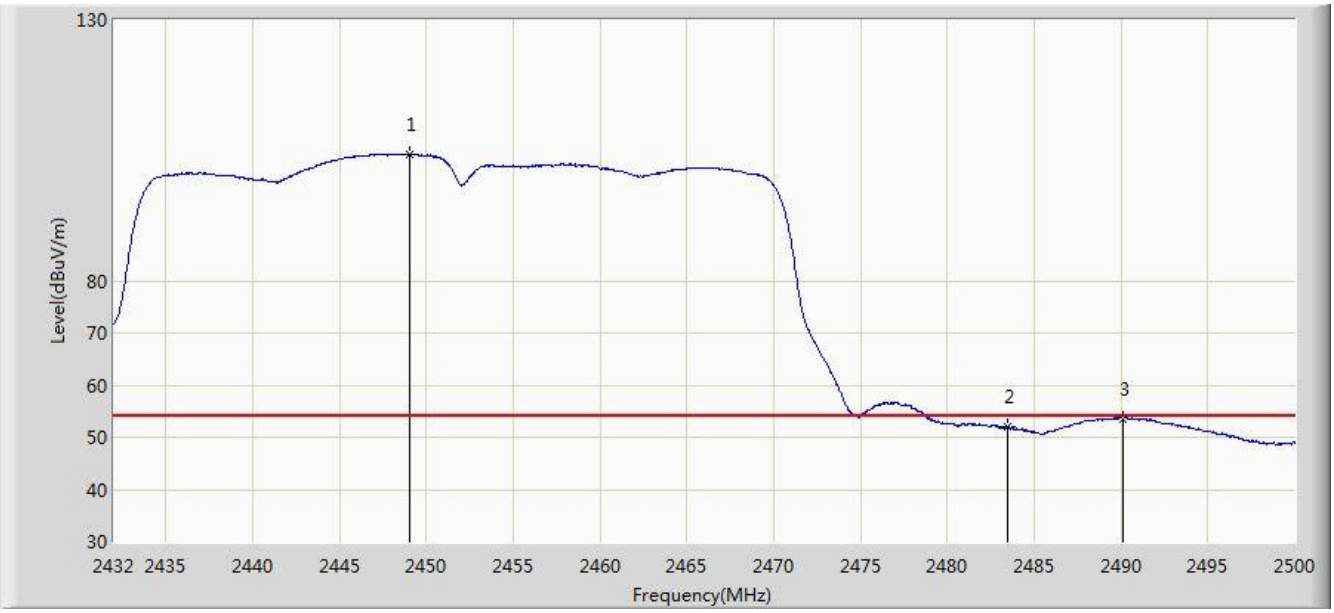


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2448.694	114.815	82.322	N/A	N/A	32.493	PK
2			2483.500	63.046	30.465	-10.954	74.000	32.580	PK
3			2489.528	65.647	33.048	-8.353	74.000	32.598	PK

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

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

Site: AC1	Time: 2018/02/25 - 05:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0 + 1 (CDD Mode)	

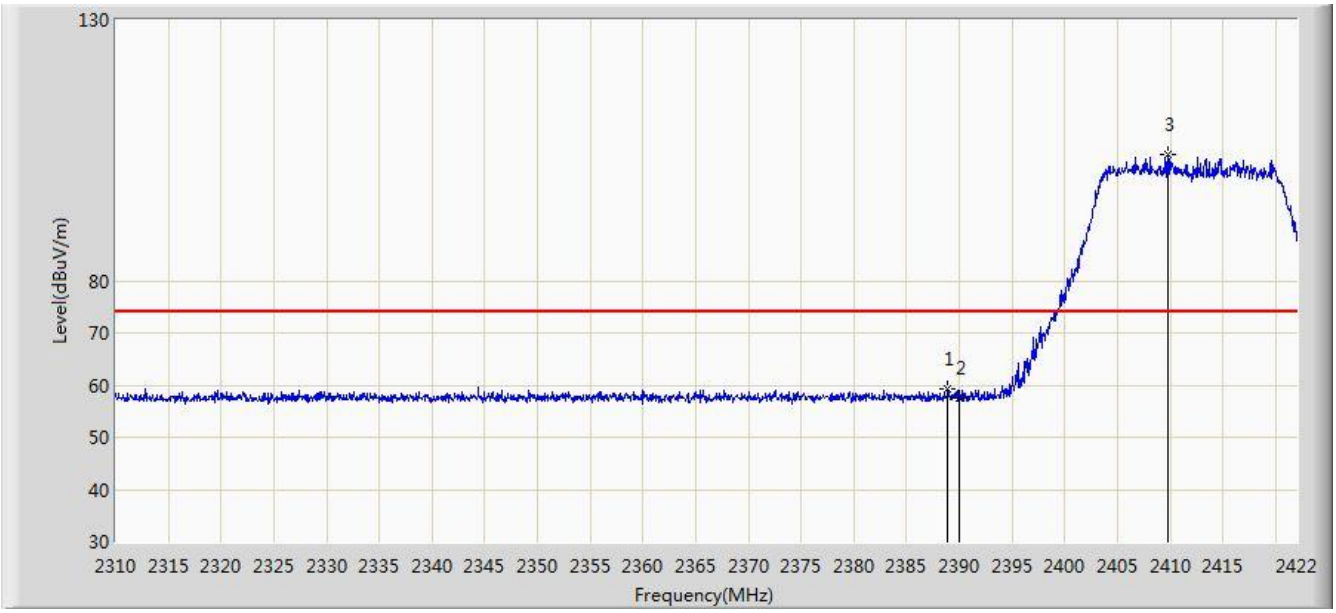


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2449.000	104.214	71.720	N/A	N/A	32.493	AV
2			2483.500	52.054	19.473	-1.946	54.000	32.580	AV
3			2490.140	53.581	20.981	-0.419	54.000	32.600	AV

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

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

Site: AC1	Time: 2018/03/02 - 22:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0 + 1 (Beam-Forming Mode)	

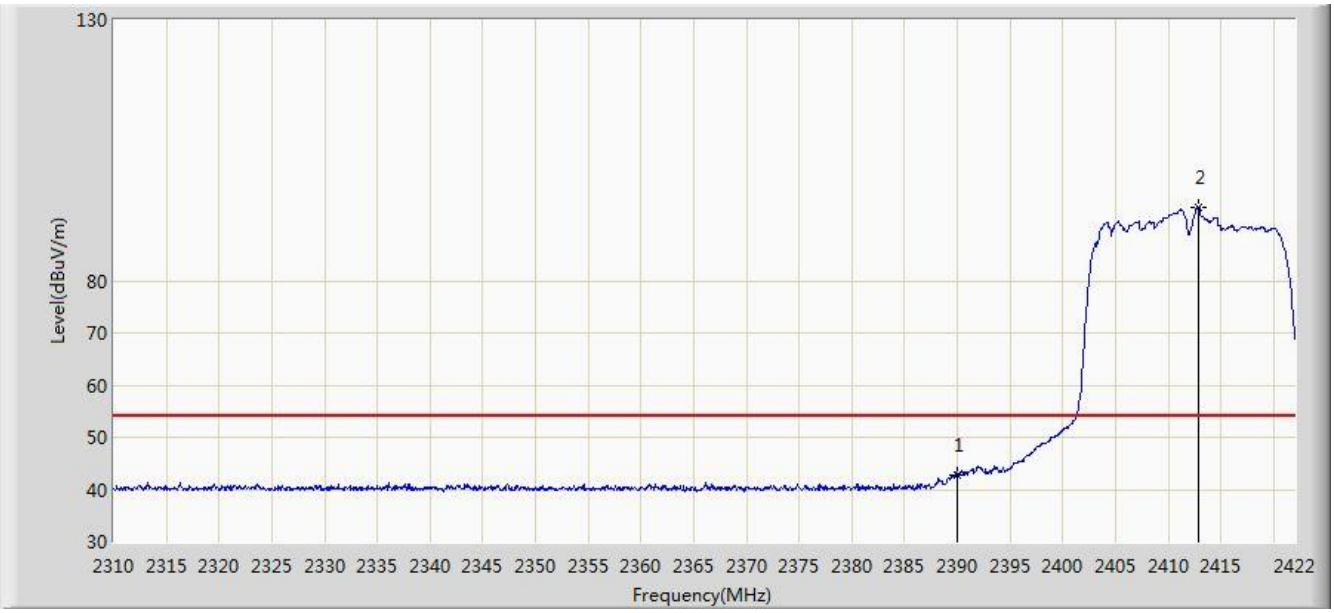


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.904	59.361	26.805	-14.639	74.000	32.556	PK
2			2390.000	57.664	25.110	-16.336	74.000	32.554	PK
3		*	2409.848	104.234	71.706	N/A	N/A	32.528	PK

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

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

Site: AC1	Time: 2018/03/02 - 22:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0 + 1 (Beam-Forming Mode)	

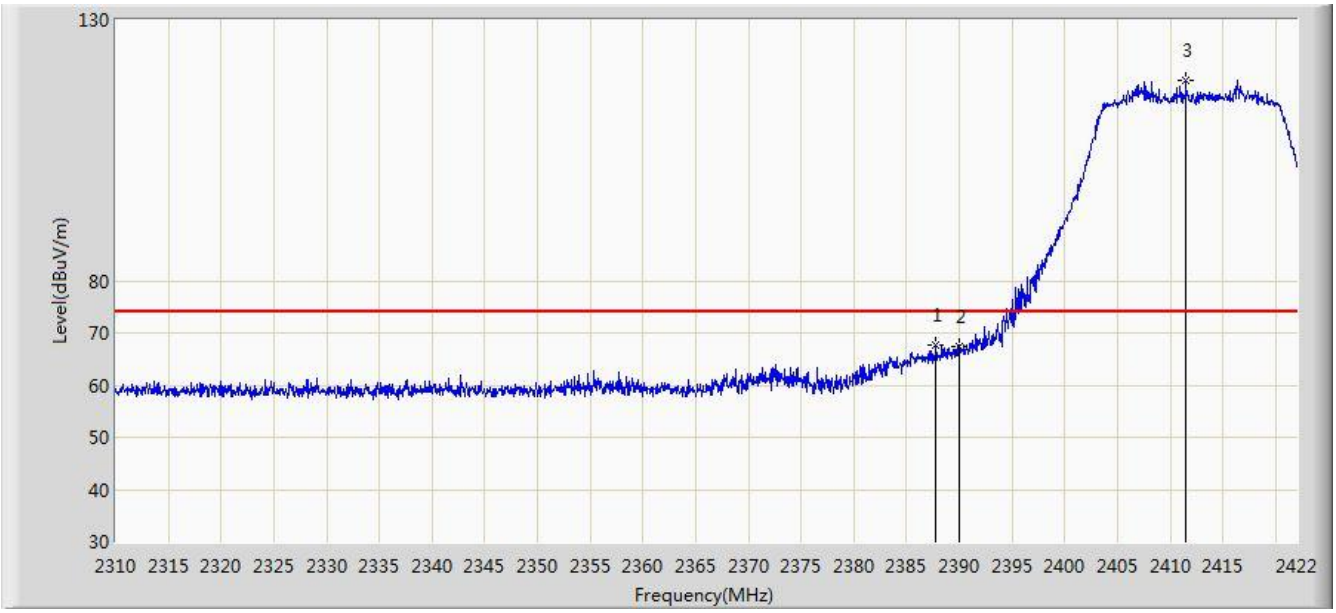


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	42.790	10.236	-11.210	54.000	32.554	AV
2		*	2412.872	93.940	61.415	N/A	N/A	32.524	AV

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

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

Site: AC1	Time: 2018/03/02 - 22:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0 + 1 (Beam-Forming Mode)	

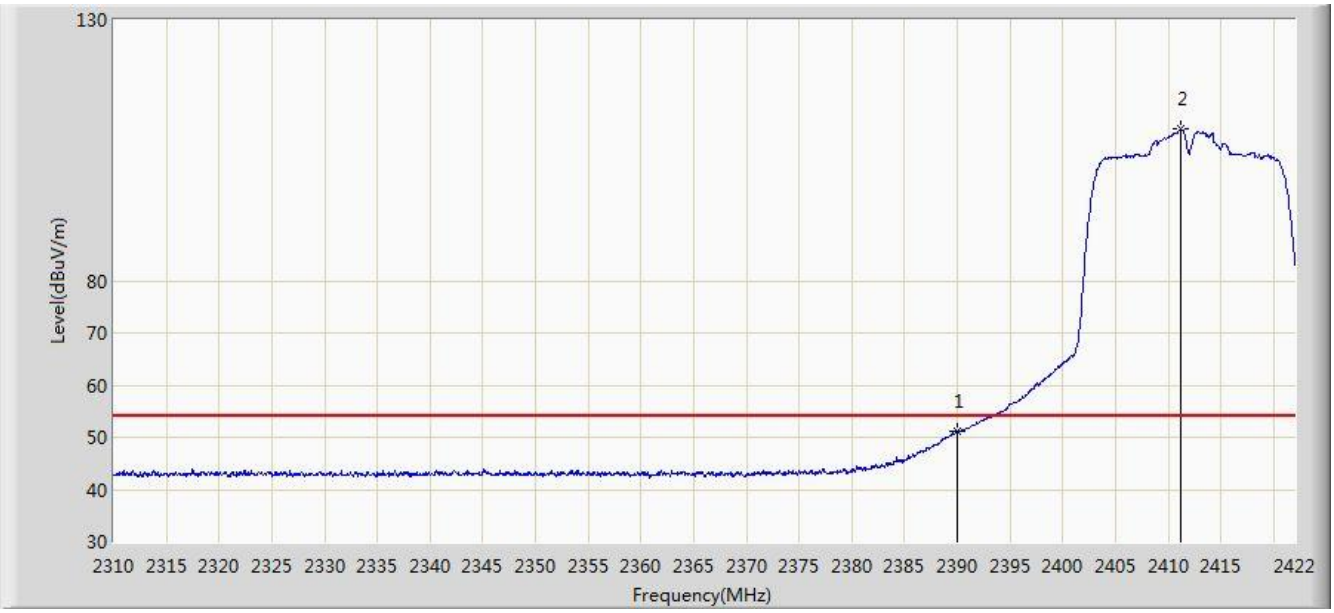


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.784	67.622	35.065	-6.378	74.000	32.557	PK
2			2390.000	67.486	34.932	-6.514	74.000	32.554	PK
3		*	2411.472	118.522	85.996	N/A	N/A	32.526	PK

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

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

Site: AC1	Time: 2018/03/02 - 22:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0 + 1 (Beam-Forming Mode)	

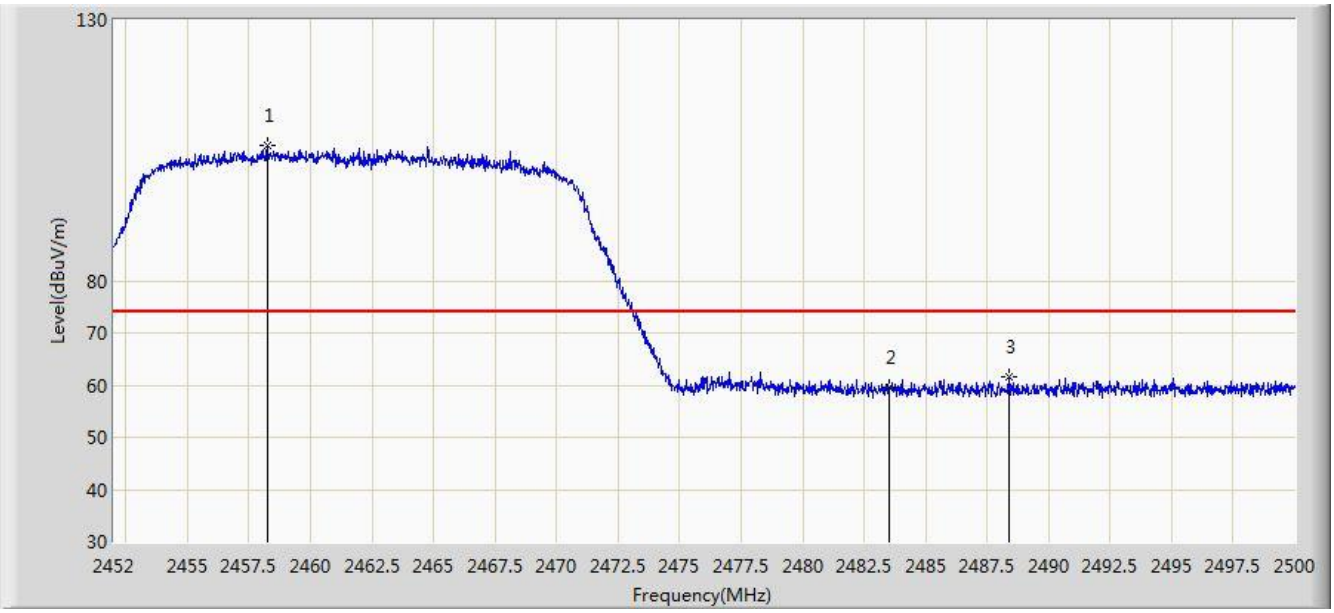


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.083	18.529	-2.917	54.000	32.554	AV
2	X	*	2411.248	109.055	76.528	N/A	N/A	32.526	AV

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

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

Site: AC1	Time: 2018/03/02 - 22:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (Beam-Forming Mode)	

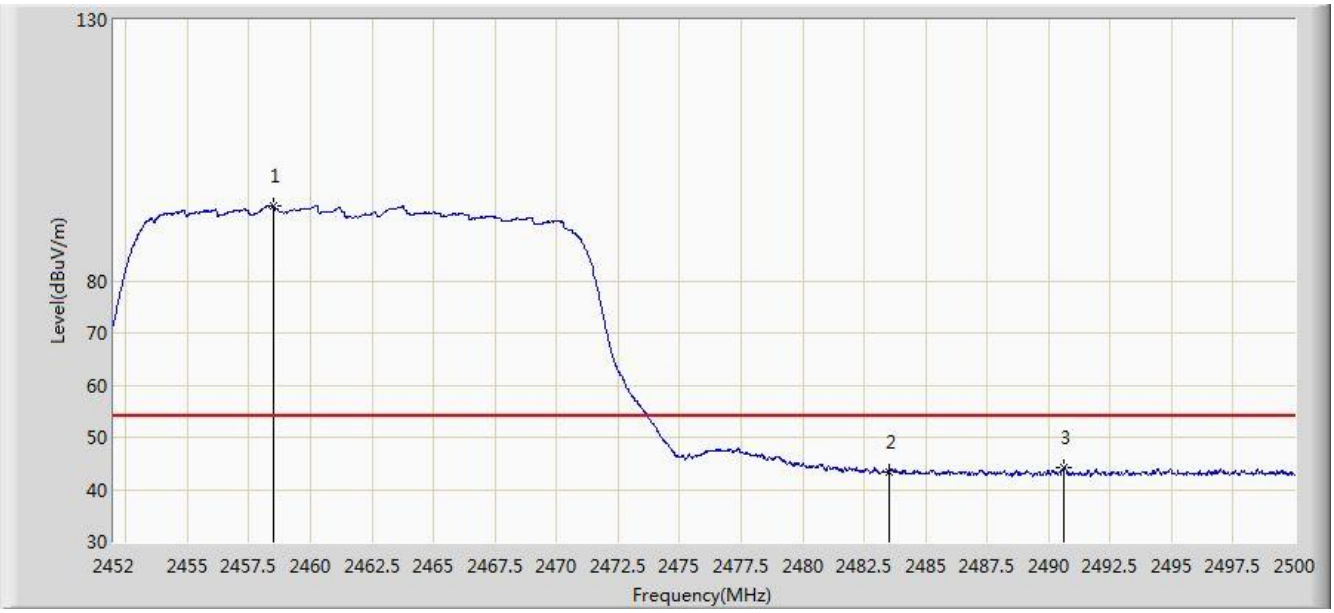


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.240	106.034	73.524	N/A	N/A	32.510	PK
2			2483.500	59.704	27.123	-14.296	74.000	32.580	PK
3			2488.408	61.566	28.971	-12.434	74.000	32.595	PK

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

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

Site: AC1	Time: 2018/03/02 - 22:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (Beam-Forming Mode)	

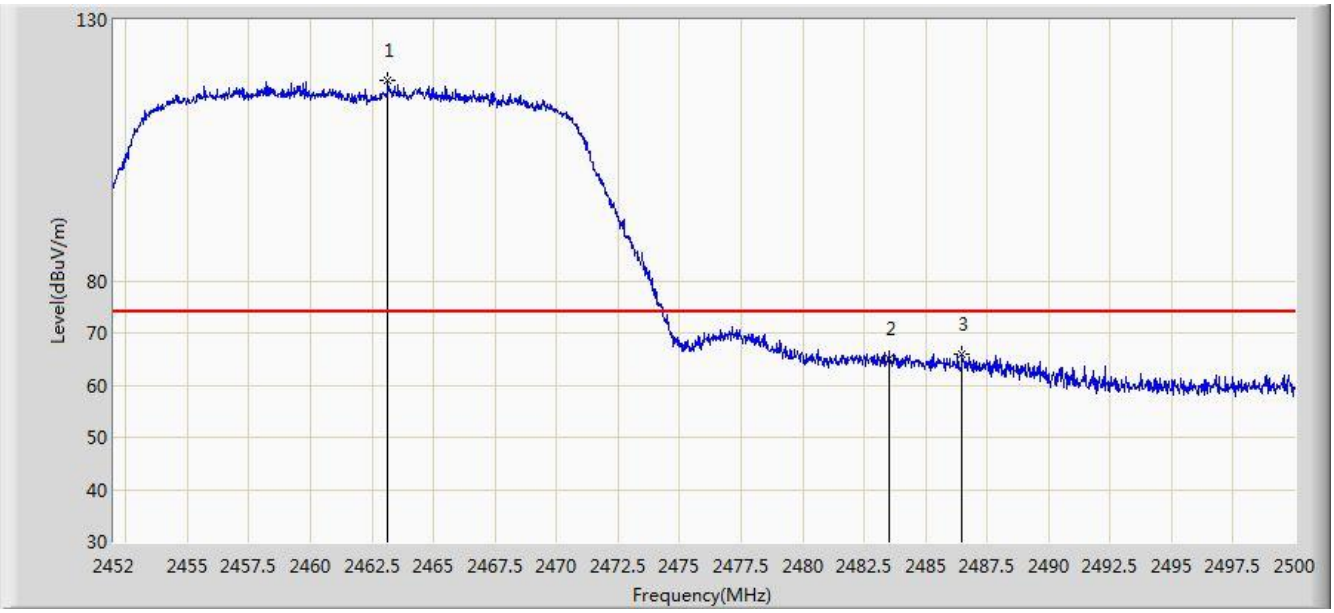


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.480	94.280	61.770	N/A	N/A	32.510	AV
2			2483.500	43.293	10.712	-10.707	54.000	32.580	AV
3			2490.640	44.180	11.578	-9.820	54.000	32.602	AV

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

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

Site: AC1	Time: 2018/03/02 - 22:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (Beam-Forming Mode)	

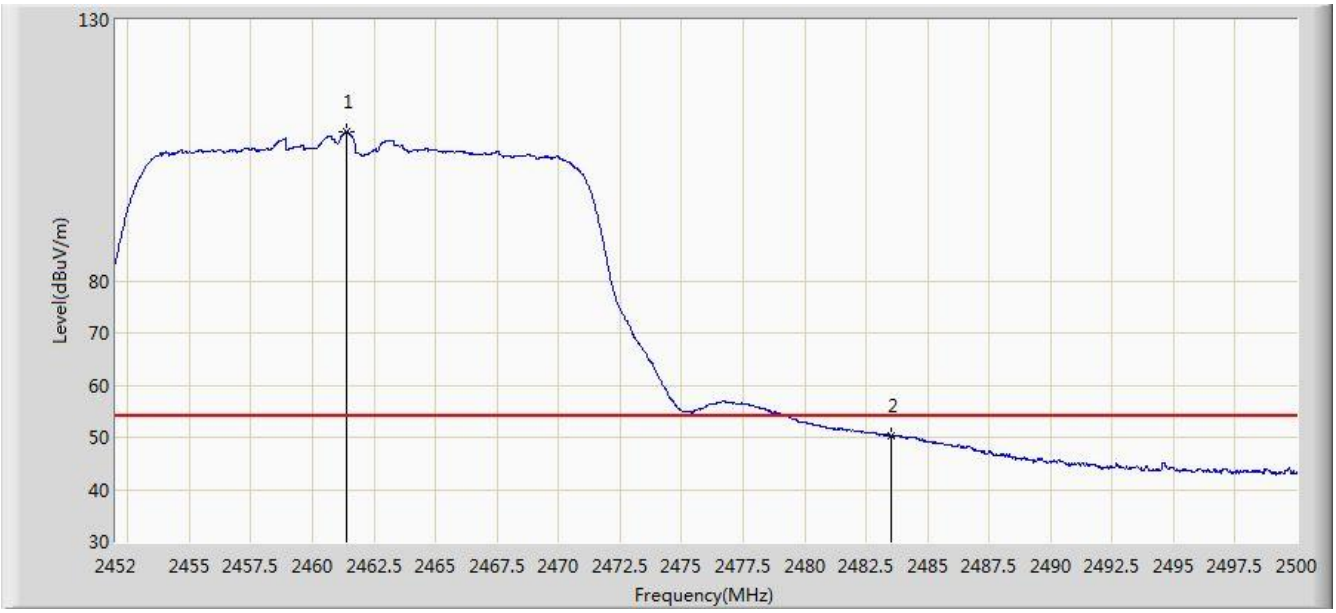


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.136	118.465	85.945	N/A	N/A	32.520	PK
2			2483.500	65.121	32.540	-8.879	74.000	32.580	PK
3			2486.488	65.906	33.316	-8.094	74.000	32.590	PK

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

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

Site: AC1	Time: 2018/03/02 - 23:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (Beam-Forming Mode)	

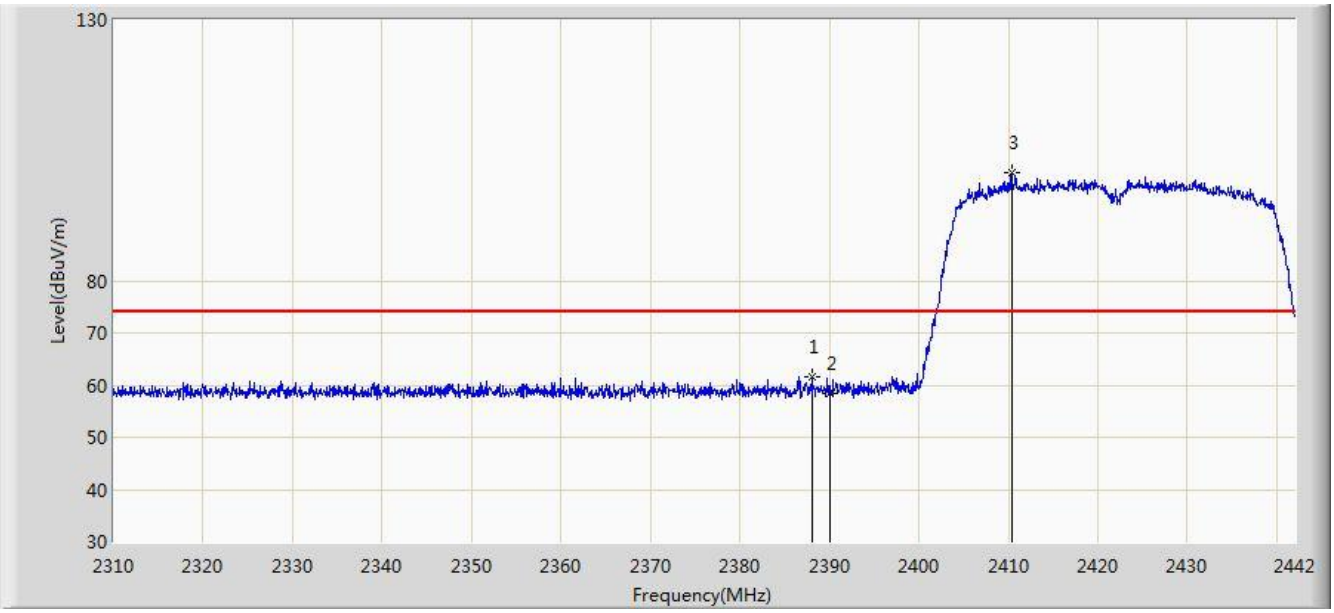


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	X	*	2461.384	108.484	75.969	N/A	N/A	32.516	AV
2			2483.500	50.260	17.679	-3.740	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/03 - 00:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (Beam-Forming Mode)	

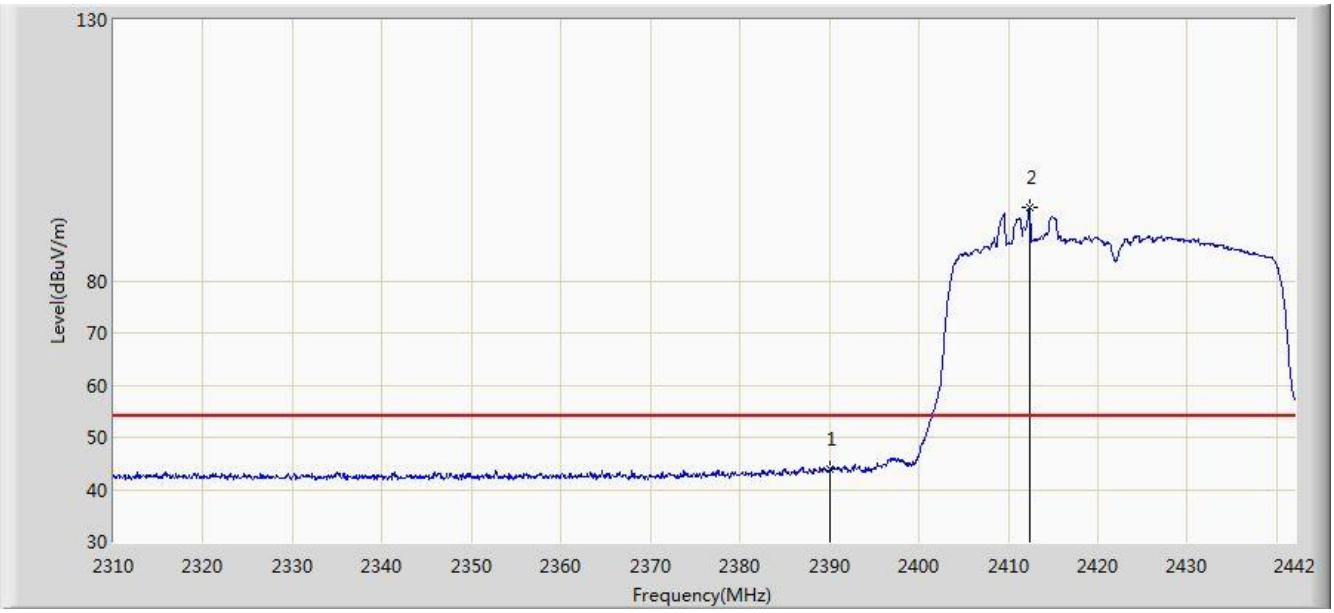


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.012	61.617	29.060	-12.383	74.000	32.557	PK
2			2390.000	58.332	25.778	-15.668	74.000	32.554	PK
3		*	2410.386	100.699	68.171	N/A	N/A	32.528	PK

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

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

Site: AC1	Time: 2018/03/03 - 00:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (Beam-Forming Mode)	

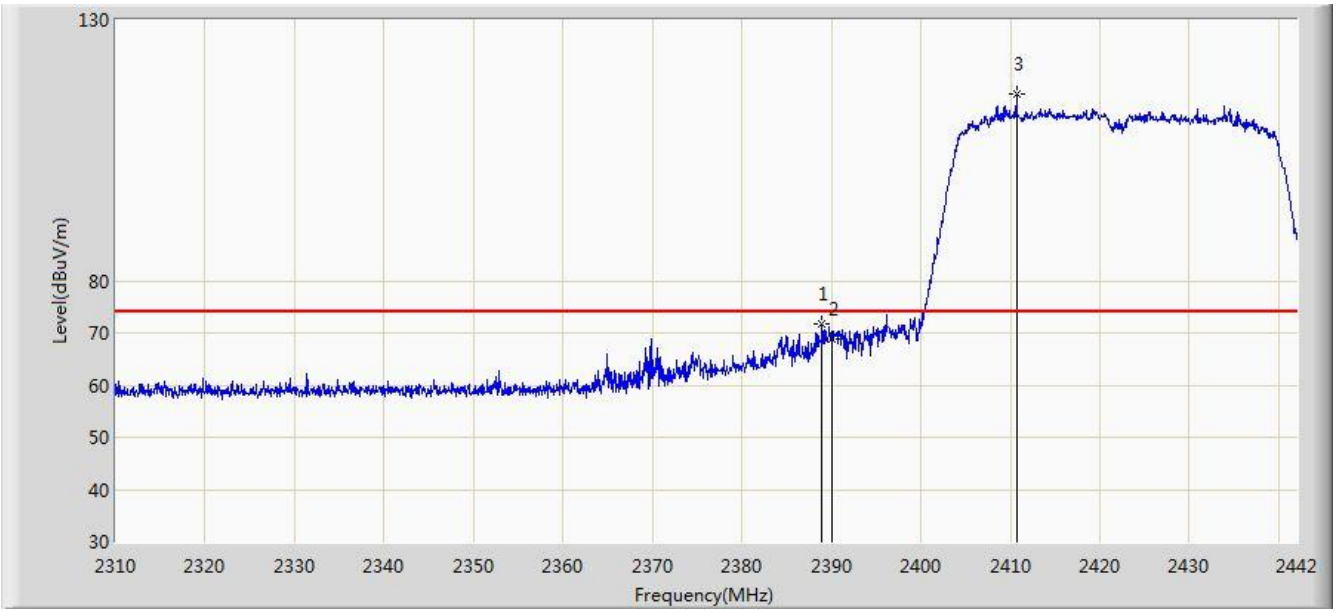


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	43.955	11.401	-10.045	54.000	32.554	AV
2		*	2412.432	93.999	61.474	N/A	N/A	32.526	AV

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

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

Site: AC1	Time: 2018/03/02 - 23:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (Beam-Forming Mode)	

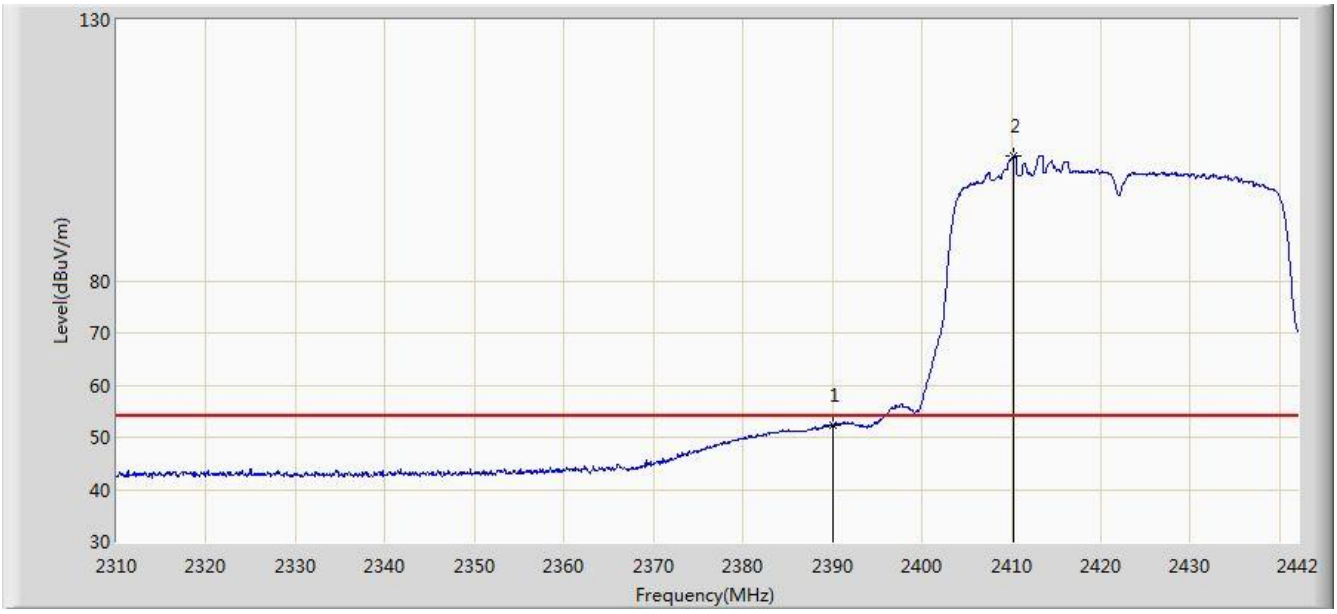


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.936	71.809	39.253	-2.191	74.000	32.556	PK
2			2390.000	68.729	36.175	-5.271	74.000	32.554	PK
3		*	2410.716	115.866	83.339	N/A	N/A	32.527	PK

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

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

Site: AC1	Time: 2018/03/02 - 23:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (Beam-Forming Mode)	

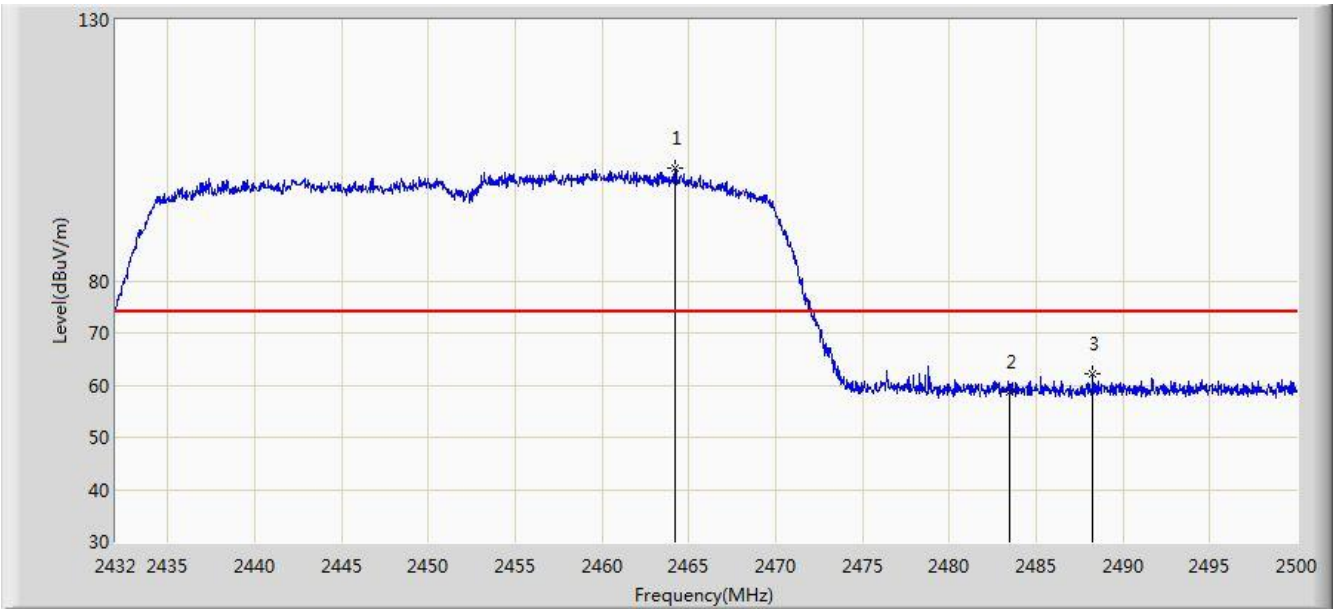


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.380	19.826	-1.620	54.000	32.554	AV
2		*	2410.188	103.829	71.301	N/A	N/A	32.528	AV

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

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

Site: AC1	Time: 2018/03/03 - 00:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0 + 1 (Beam-Forming Mode)	

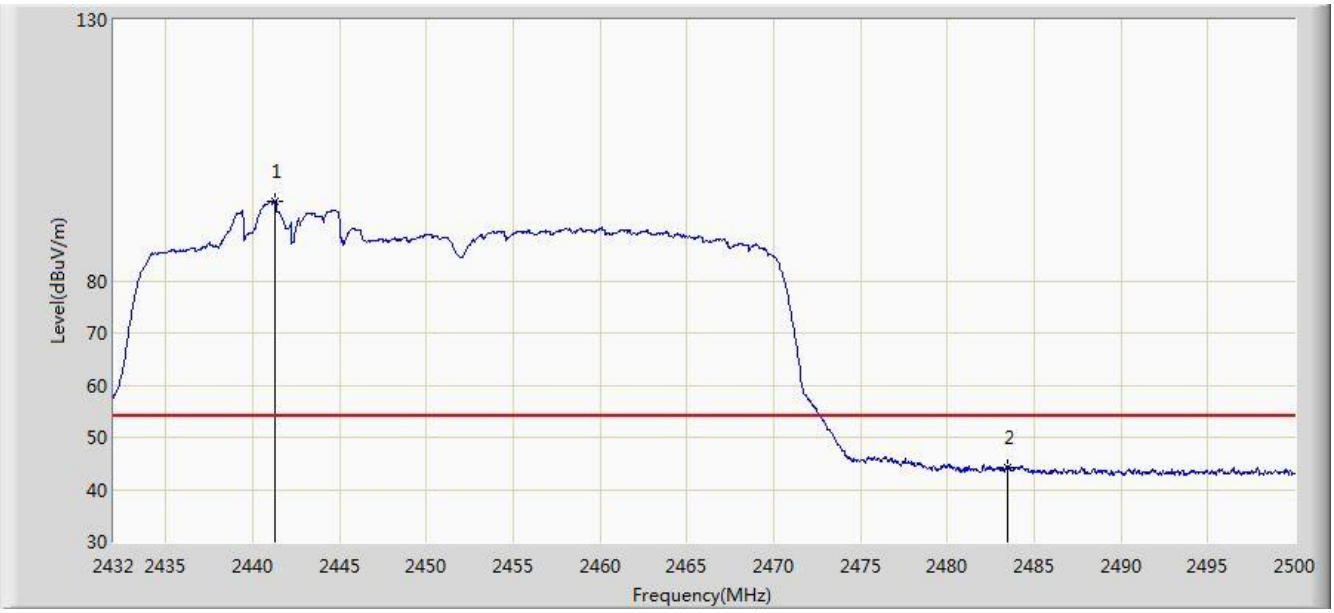


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2464.232	101.469	68.946	N/A	N/A	32.523	PK
2			2483.500	58.684	26.103	-15.316	74.000	32.580	PK
3			2488.270	62.168	29.573	-11.832	74.000	32.595	PK

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

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

Site: AC1	Time: 2018/03/03 - 00:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0 + 1 (Beam-Forming Mode)	

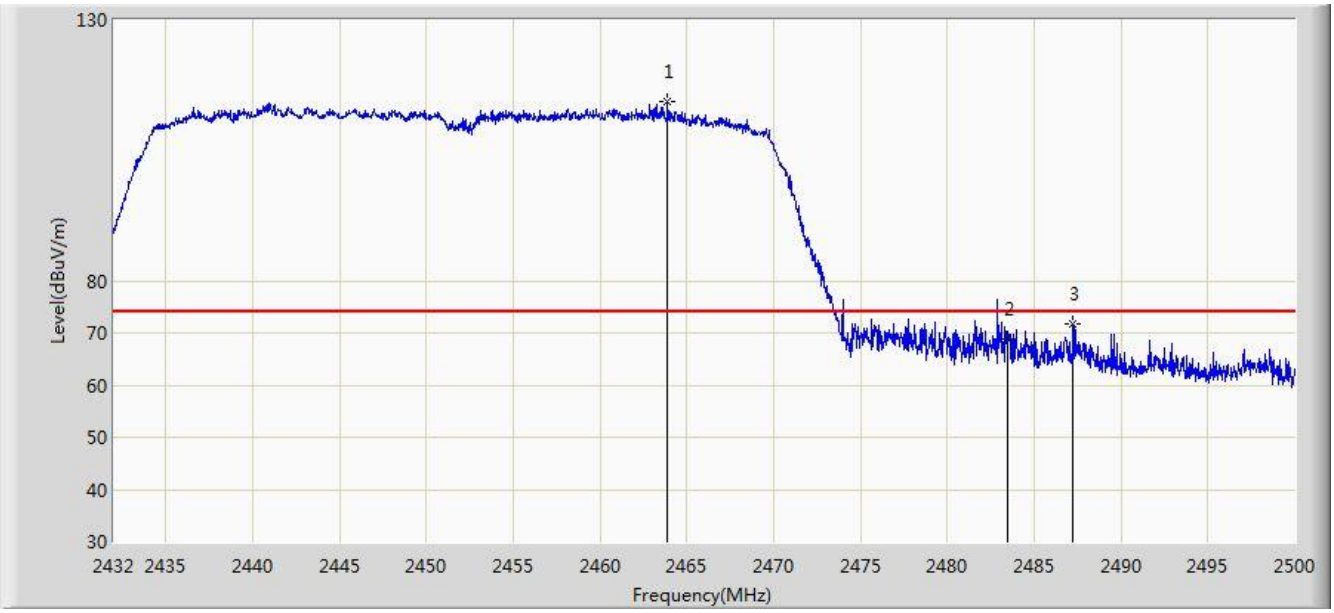


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2441.282	95.218	62.727	N/A	N/A	32.491	AV
2			2483.500	44.310	11.729	-9.690	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/03 - 00:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0 + 1 (Beam-Forming Mode)	

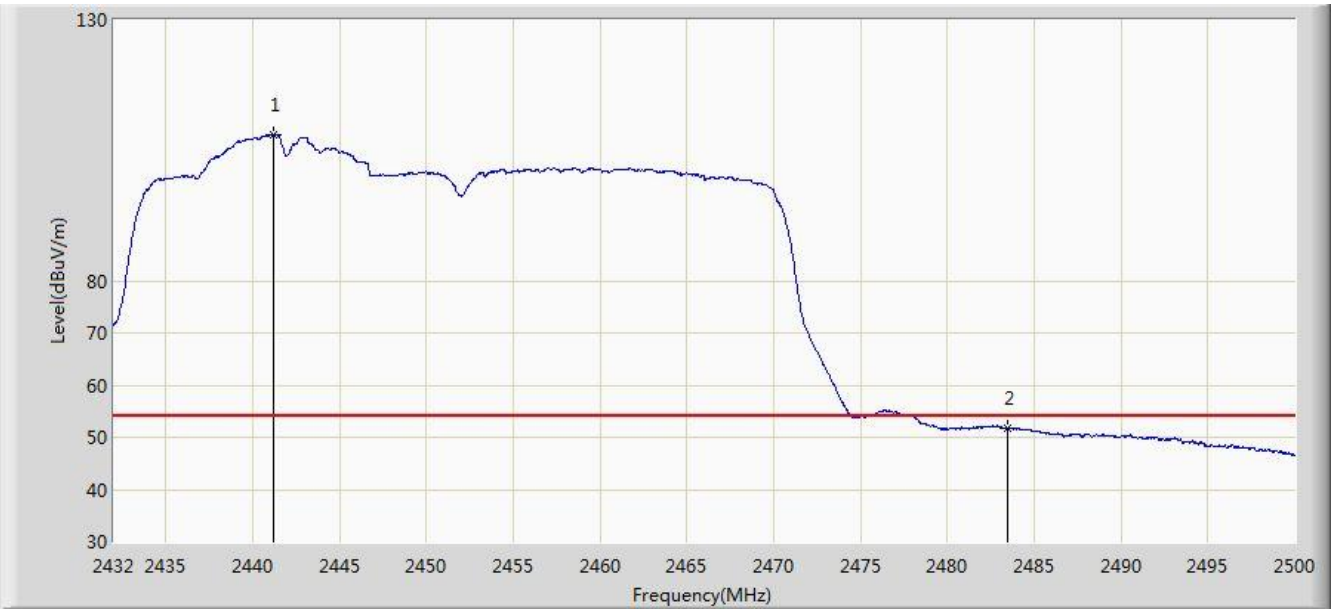


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.892	114.251	81.729	N/A	N/A	32.522	PK
2			2483.500	68.886	36.305	-5.114	74.000	32.580	PK
3			2487.216	71.596	39.004	-2.404	74.000	32.592	PK

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

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

Site: AC1	Time: 2018/03/03 - 00:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Omni Antenna (AP-ANT-20W)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0 + 1 (Beam-Forming Mode)	

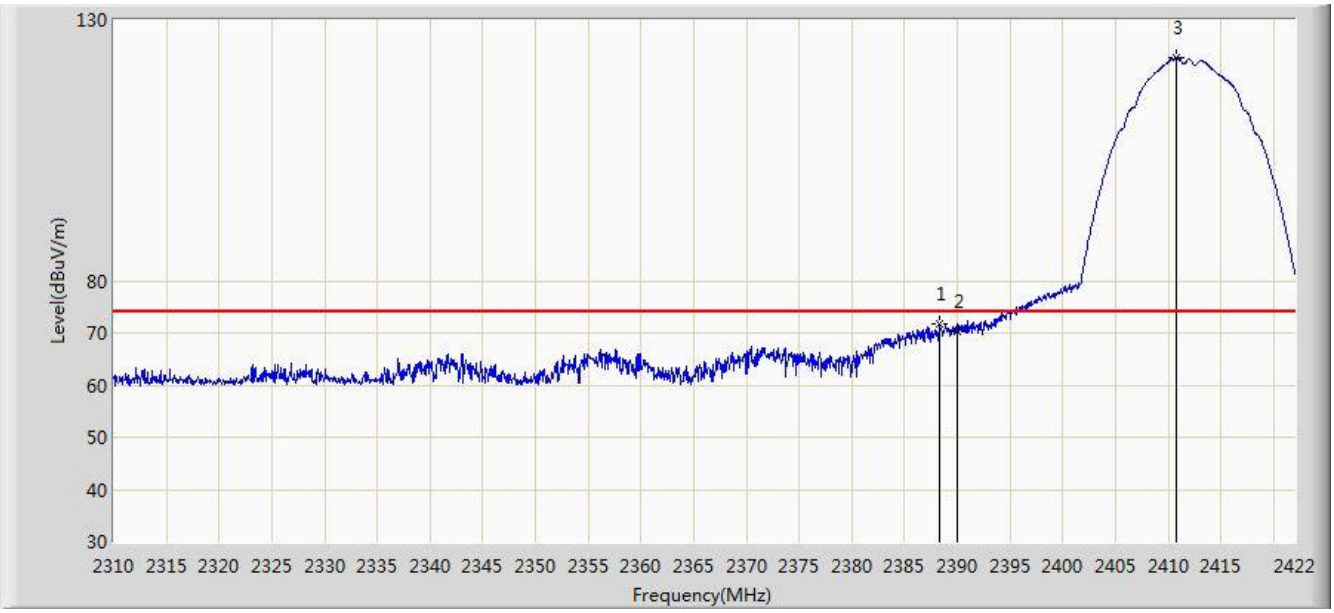


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	X	*	2441.180	108.019	75.528	N/A	N/A	32.491	AV
2			2483.500	51.677	19.096	-2.323	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/02/08 - 05:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

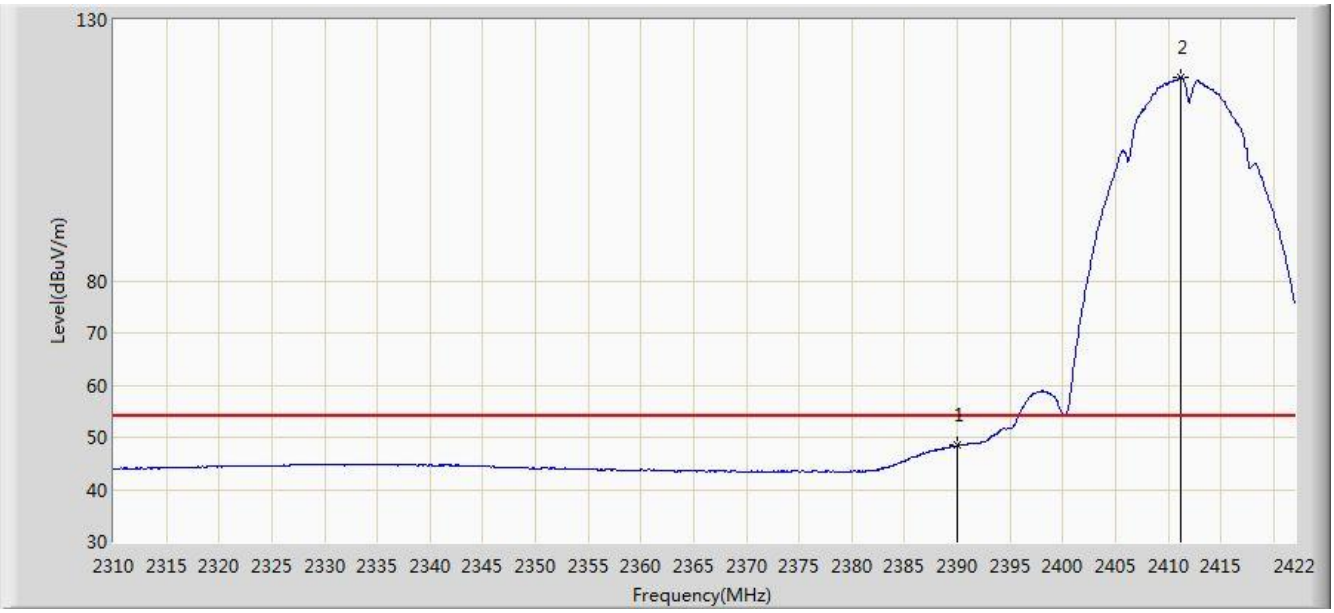


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.344	71.829	39.272	-2.171	74.000	32.557	PK
2			2390.000	70.365	37.811	-3.635	74.000	32.554	PK
3			2410.800	122.718	90.191	N/A	N/A	32.527	PK

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

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

Site: AC1	Time: 2018/02/08 - 05:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

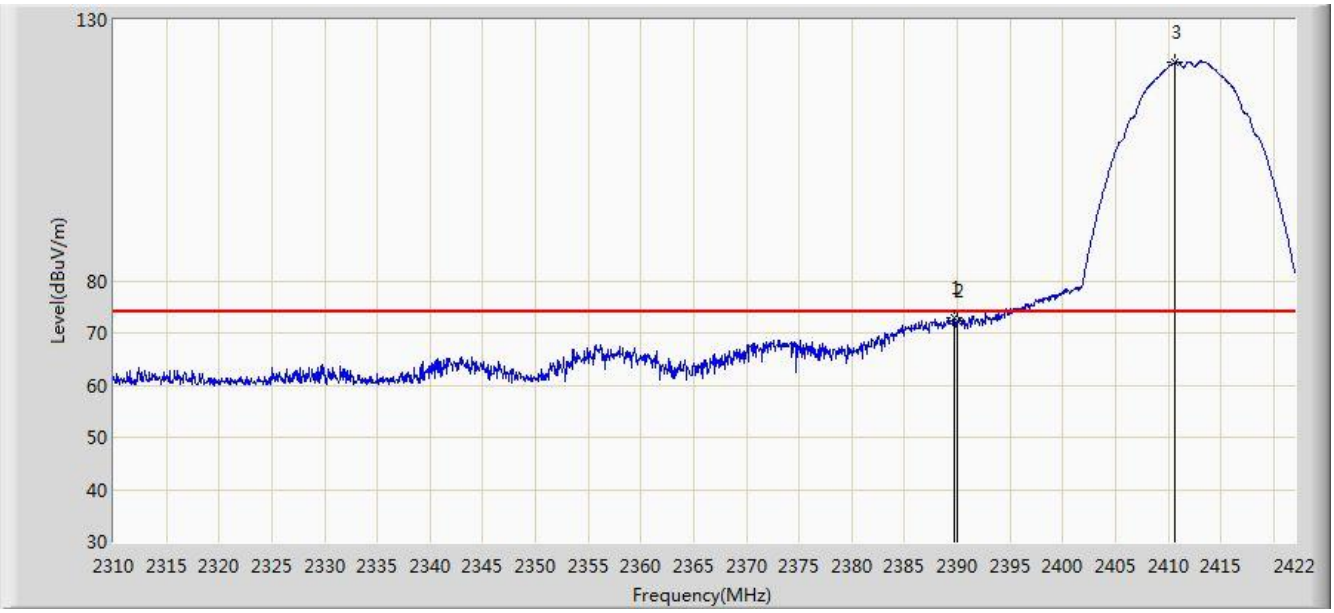


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.446	15.892	-5.554	54.000	32.554	AV
2			2411.136	119.003	86.476	N/A	N/A	32.527	AV

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

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

Site: AC1	Time: 2018/02/08 - 05:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

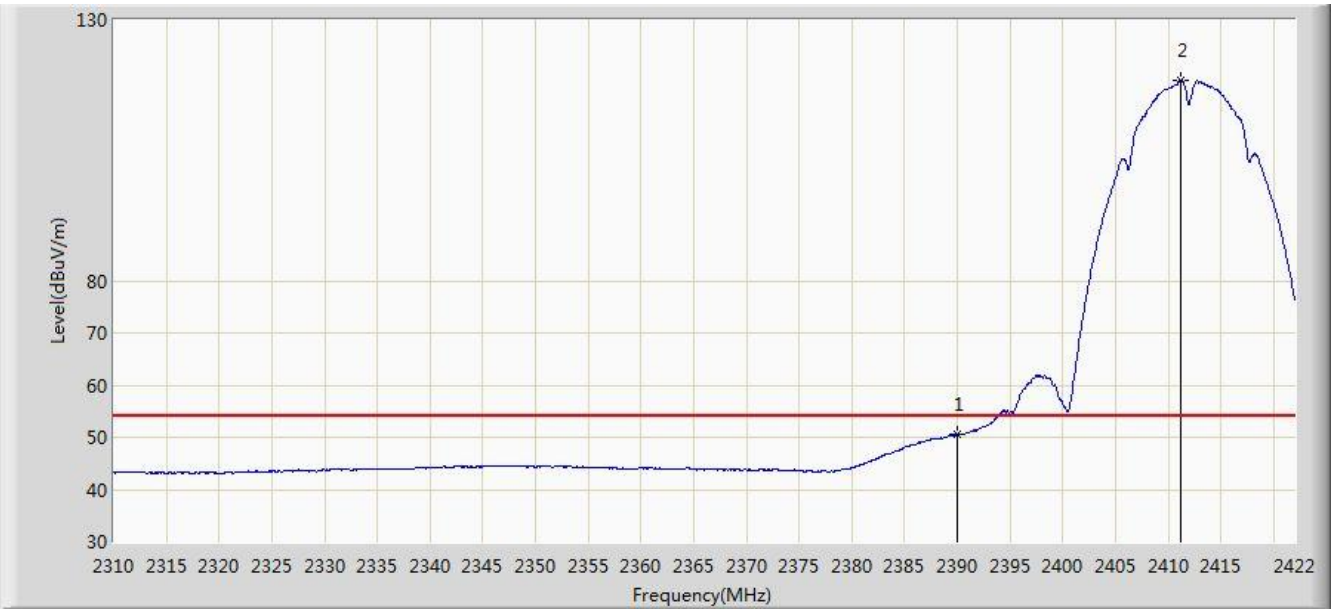


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.688	72.866	40.311	-1.134	74.000	32.555	PK
2			2390.000	72.187	39.633	-1.813	74.000	32.554	PK
3			2410.632	121.790	89.263	N/A	N/A	32.527	PK

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

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

Site: AC1	Time: 2018/02/08 - 06:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11b at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

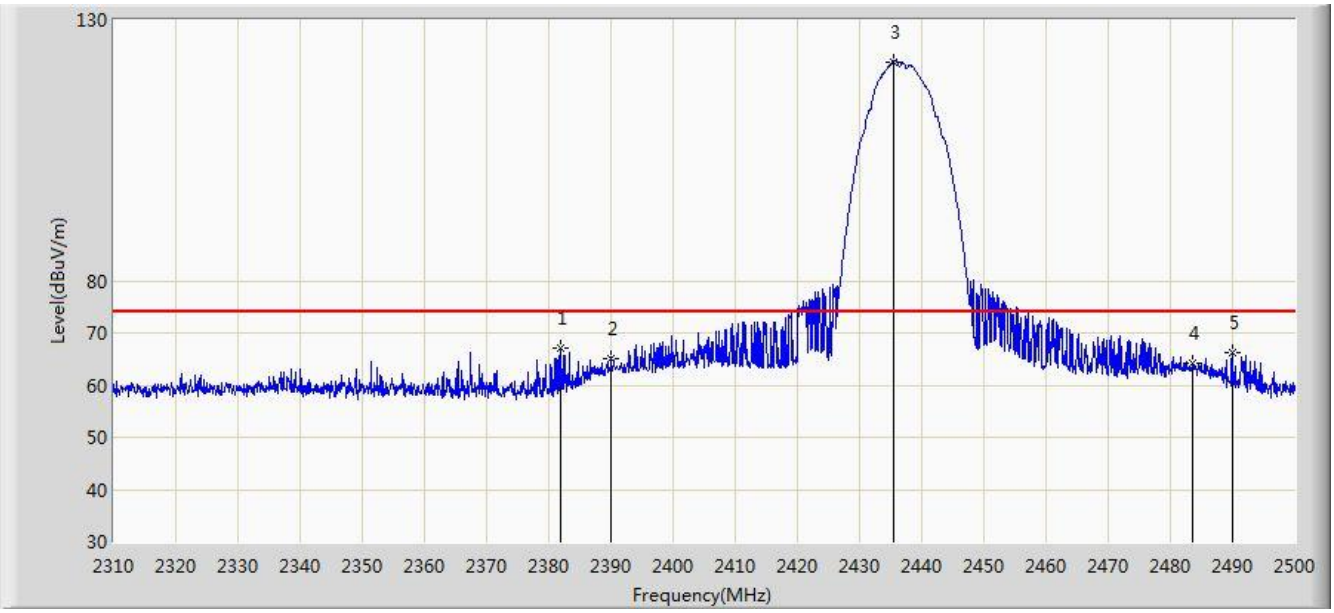


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.621	18.067	-3.379	54.000	32.554	AV
2			2411.248	118.428	85.901	N/A	N/A	32.526	AV

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

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

Site: AC1	Time: 2018/02/08 - 08:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11b at Channel 2437MHz Ant 0 + 1 (CDD Mode),	

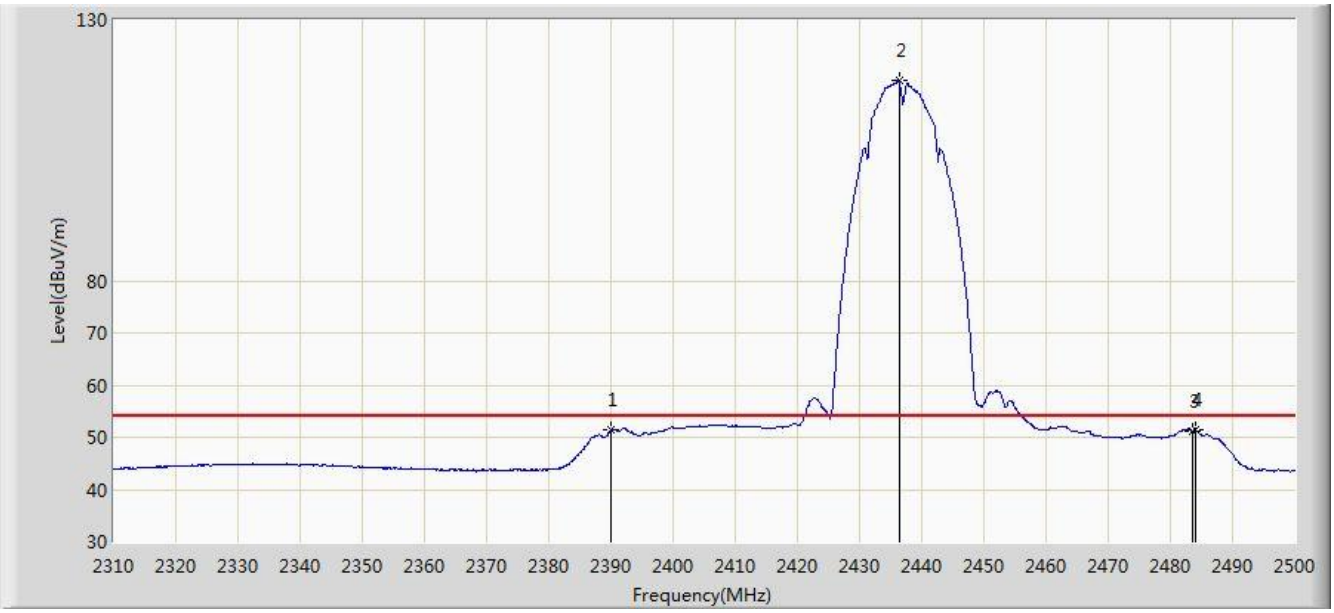


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2381.915	66.985	34.420	-7.015	74.000	32.565	PK
2			2390.000	65.023	32.469	-8.977	74.000	32.554	PK
3			2435.495	122.020	89.522	N/A	N/A	32.498	PK
4			2483.500	64.246	31.665	-9.754	74.000	32.580	PK
5			2489.930	66.201	33.601	-7.799	74.000	32.600	PK

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

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

Site: AC1	Time: 2018/02/08 - 08:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11b at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

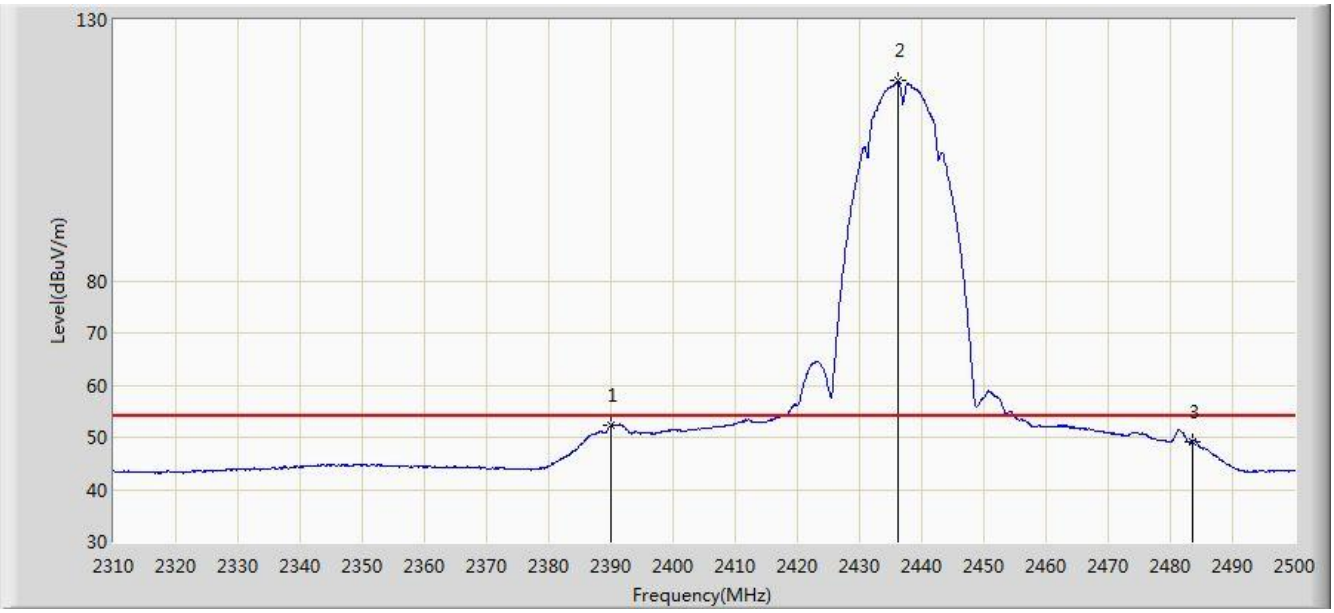


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.375	18.821	-2.625	54.000	32.554	AV
2			2436.350	118.428	85.931	N/A	N/A	32.497	AV
3			2483.500	51.176	18.595	-2.824	54.000	32.580	AV
4			2483.945	51.311	18.729	-2.689	54.000	32.582	AV

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

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

Site: AC1	Time: 2018/02/08 - 08:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11b at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

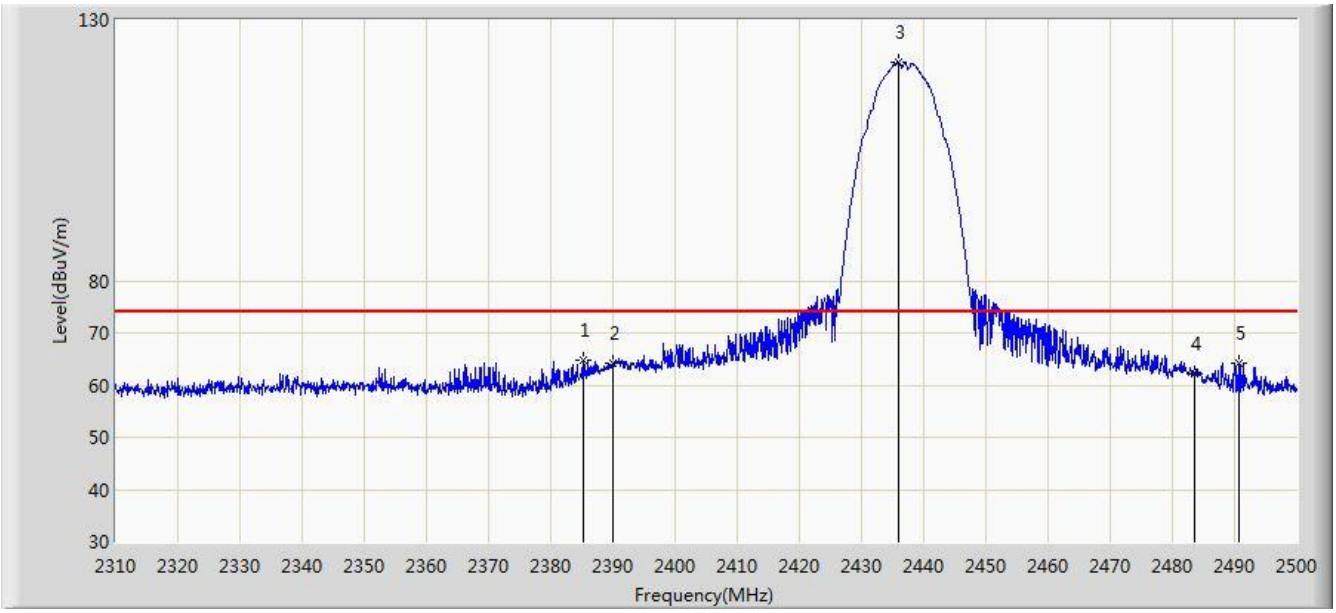


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.202	19.648	-1.798	54.000	32.554	AV
2			2436.160	118.275	85.778	N/A	N/A	32.497	AV
3			2483.500	49.264	16.683	-4.736	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/02/08 - 08:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11b at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

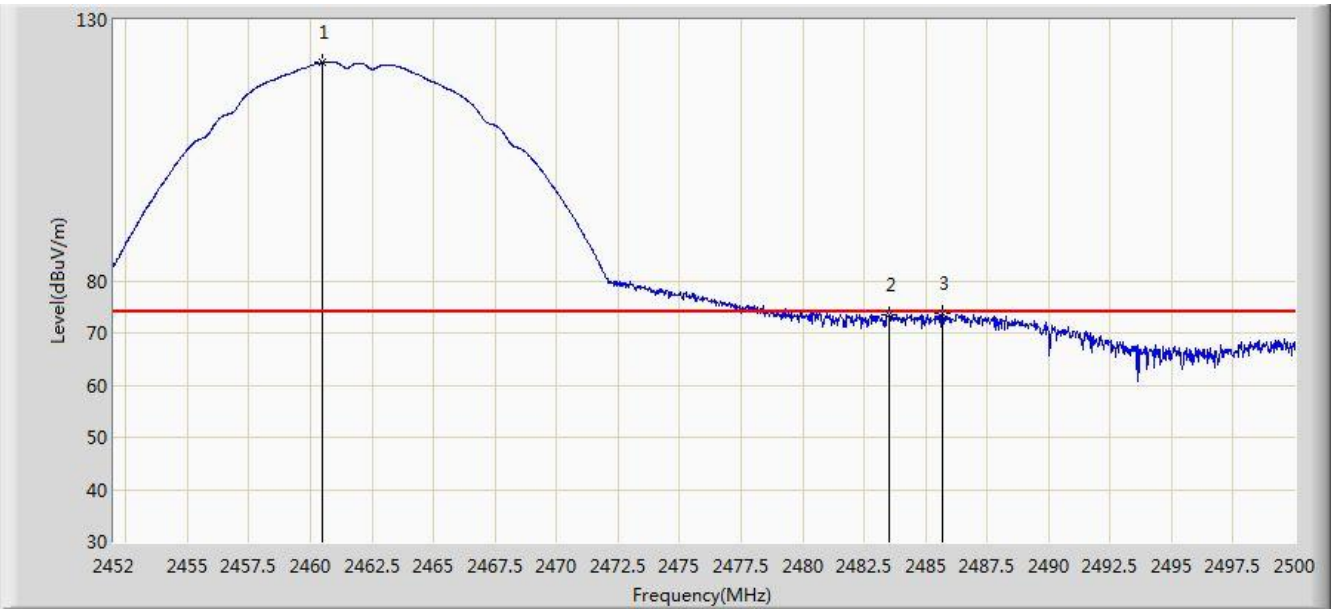


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2385.335	64.792	32.231	-9.208	74.000	32.560	PK
2			2390.000	64.215	31.661	-9.785	74.000	32.554	PK
3			2435.970	121.745	89.248	N/A	N/A	32.497	PK
4			2483.500	62.079	29.498	-11.921	74.000	32.580	PK
5			2490.690	64.333	31.731	-9.667	74.000	32.602	PK

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

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

Site: AC1	Time: 2018/02/08 - 06:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

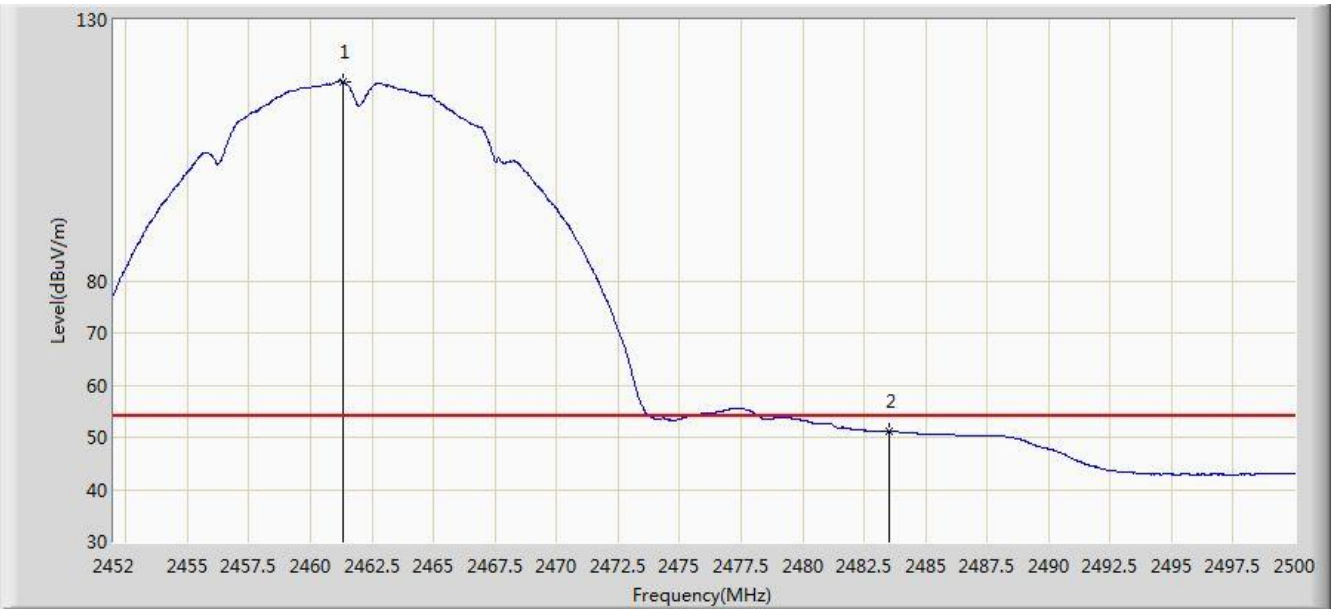


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2460.496	121.825	89.311	N/A	N/A	32.514	PK
2			2483.500	73.436	40.855	-0.564	74.000	32.580	PK
3			2485.672	73.824	41.237	-0.176	74.000	32.587	PK

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

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

Site: AC1	Time: 2018/02/08 - 06:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

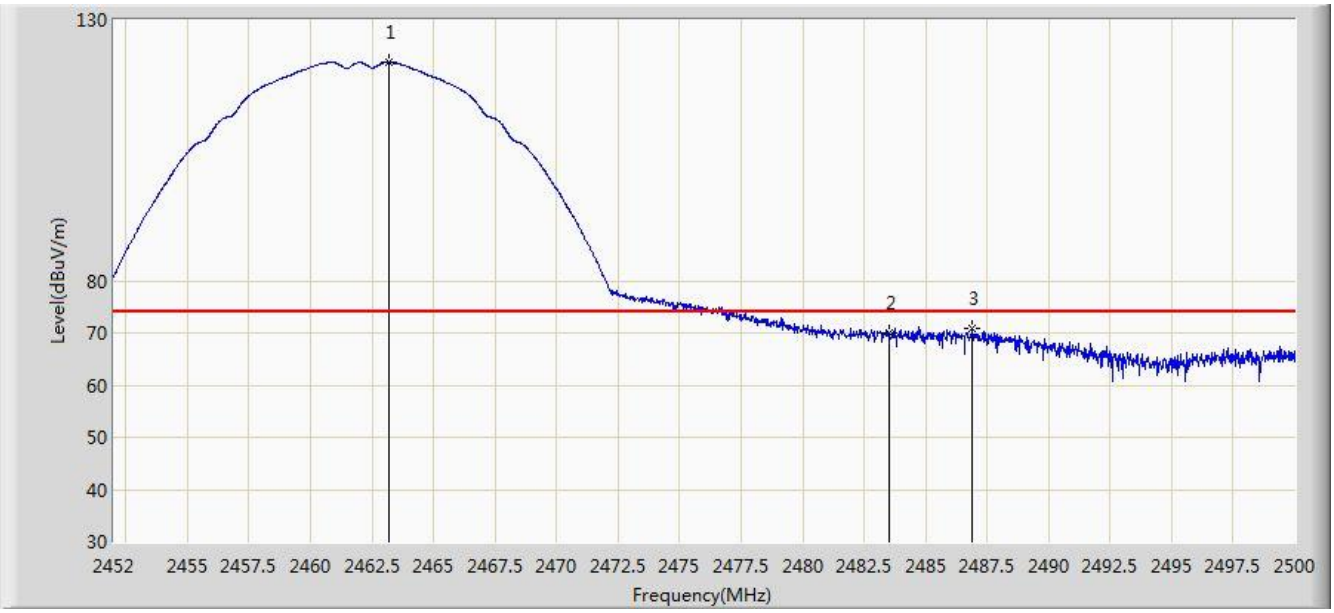


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2461.312	118.198	85.683	N/A	N/A	32.516	AV
2			2483.500	51.118	18.537	-2.882	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/02/08 - 06:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

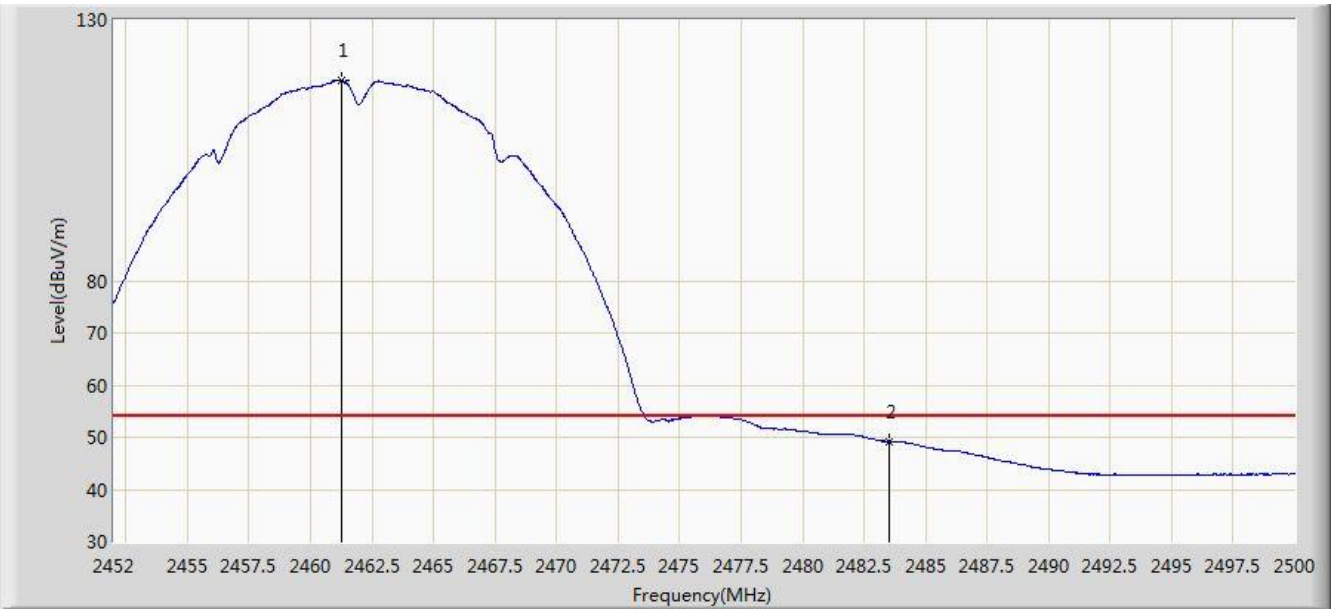


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2463.184	121.819	89.299	N/A	N/A	32.520	PK
2			2483.500	69.941	37.360	-4.059	74.000	32.580	PK
3			2486.896	70.911	38.320	-3.089	74.000	32.590	PK

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

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

Site: AC1	Time: 2018/02/08 - 06:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11b at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

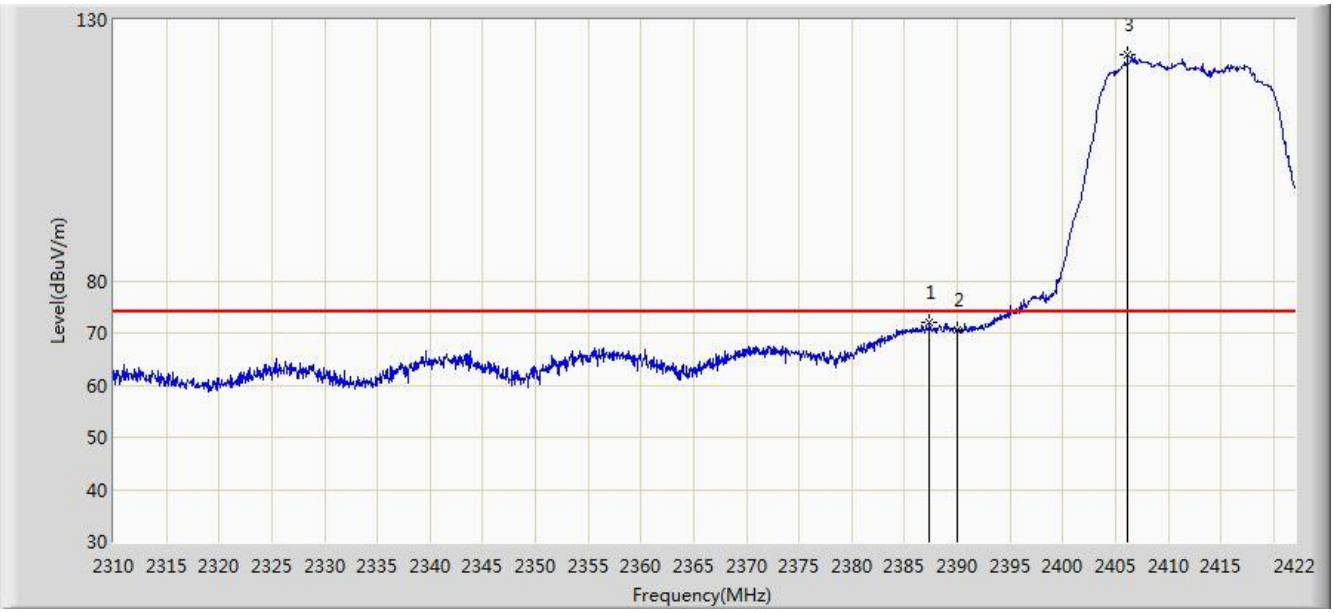


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2461.240	118.482	85.967	N/A	N/A	32.515	AV
2			2483.500	49.264	16.683	-4.736	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/02/08 - 06:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

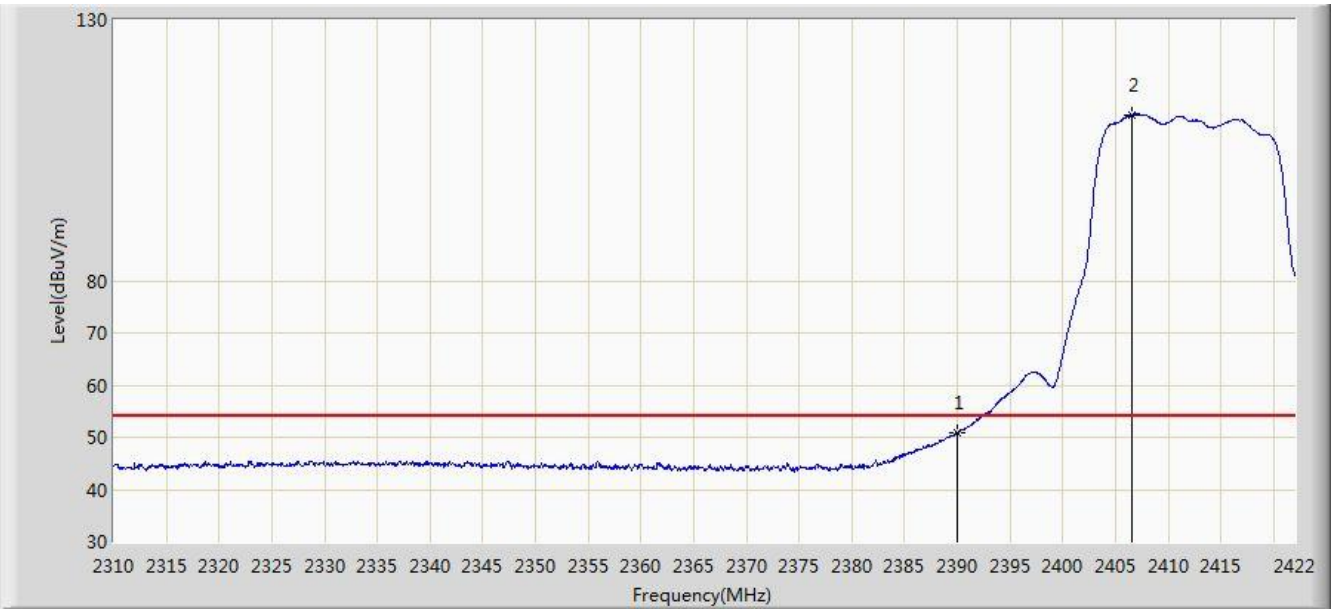


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.336	72.025	39.467	-1.975	74.000	32.558	PK
2			2390.000	70.532	37.978	-3.468	74.000	32.554	PK
3			2406.152	123.431	90.898	N/A	N/A	32.533	PK

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

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

Site: AC1	Time: 2018/02/08 - 06:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

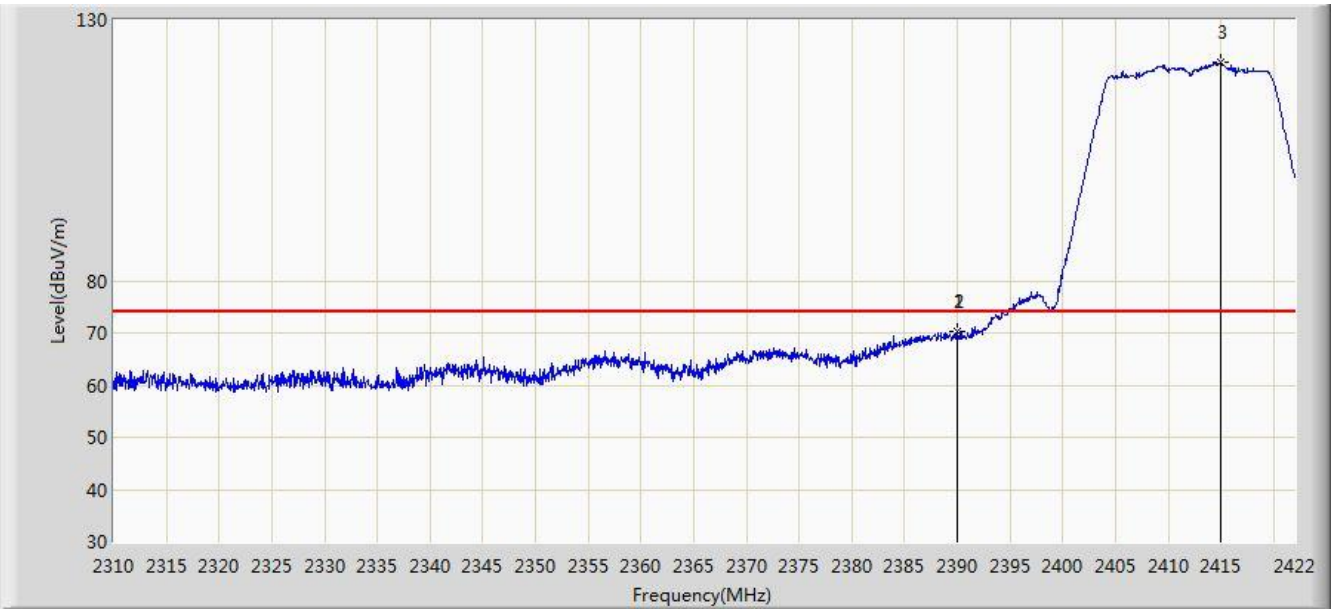


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.854	18.300	-3.146	54.000	32.554	AV
2			2406.544	111.843	79.310	N/A	N/A	32.533	AV

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

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

Site: AC1	Time: 2018/02/08 - 06:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

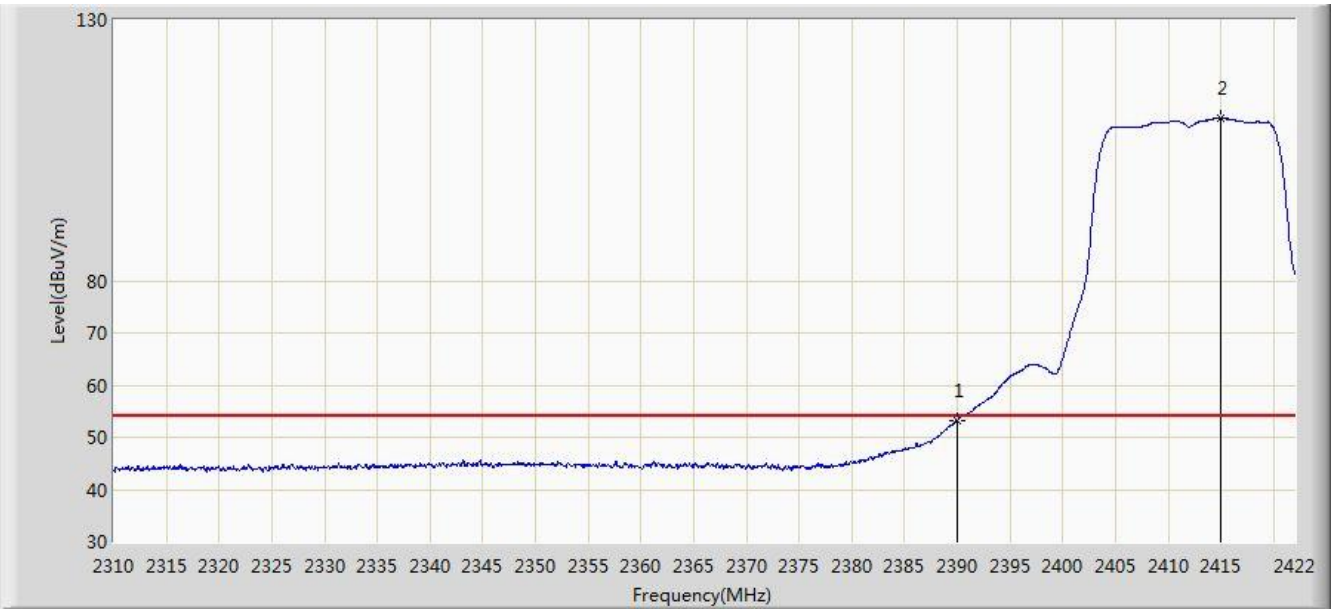


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.968	70.243	37.689	-3.757	74.000	32.554	PK
2			2390.000	70.166	37.612	-3.834	74.000	32.554	PK
3			2414.944	121.776	89.254	N/A	N/A	32.522	PK

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

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

Site: AC1	Time: 2018/02/08 - 06:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

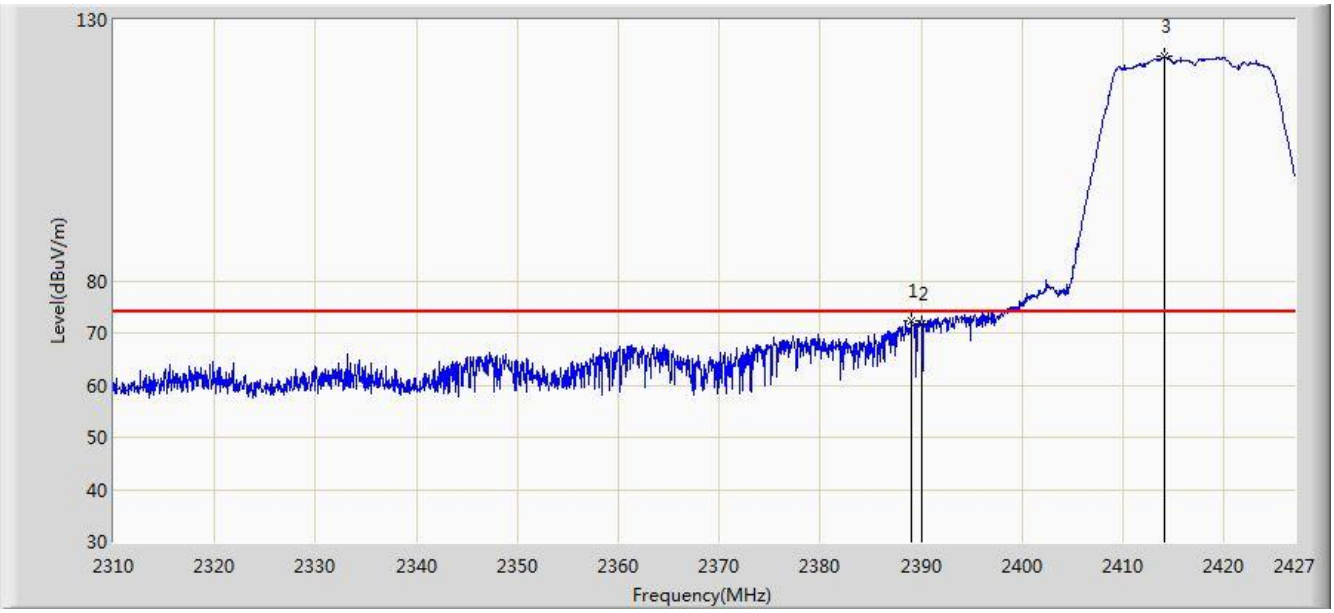


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.280	20.726	-0.720	54.000	32.554	AV
2			2415.000	111.216	78.694	N/A	N/A	32.522	AV

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

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

Site: AC1	Time: 2018/03/05 - 14:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2417MHz Ant 0 + 1 (CDD Mode)	

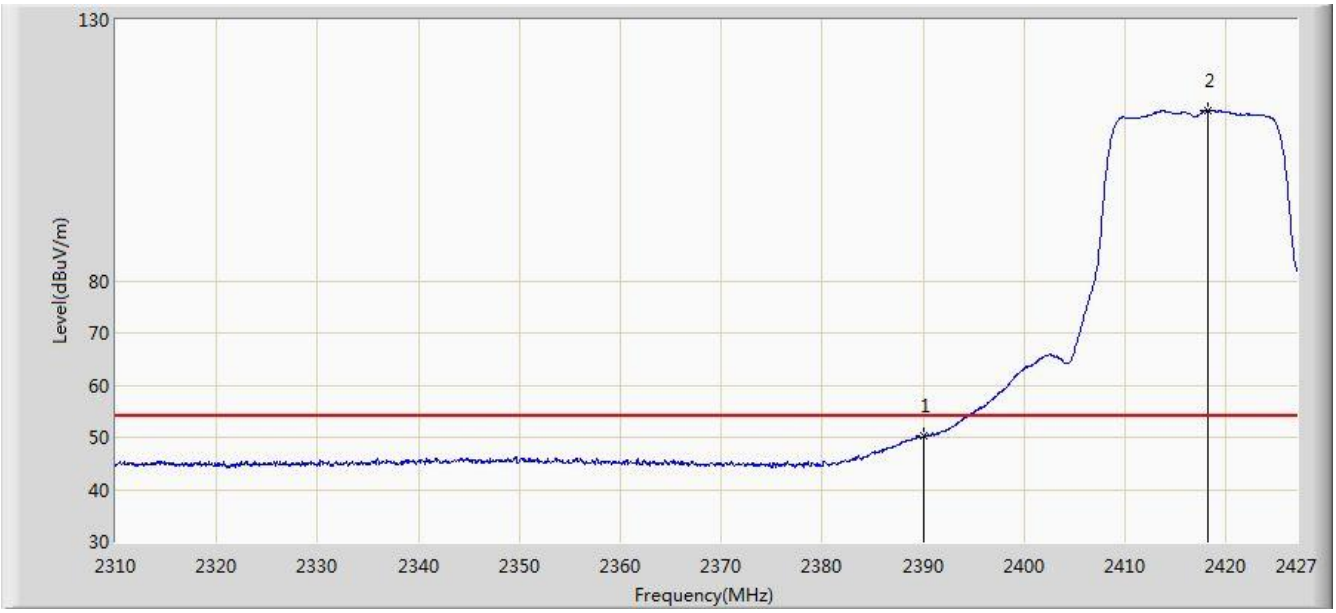


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.033	72.381	39.825	-1.619	74.000	32.556	PK
2			2390.000	71.827	39.273	-2.173	74.000	32.554	PK
3			2414.072	122.956	90.433	N/A	N/A	32.524	PK

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

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

Site: AC1	Time: 2018/03/05 - 14:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2417MHz Ant 0 + 1 (CDD Mode)	

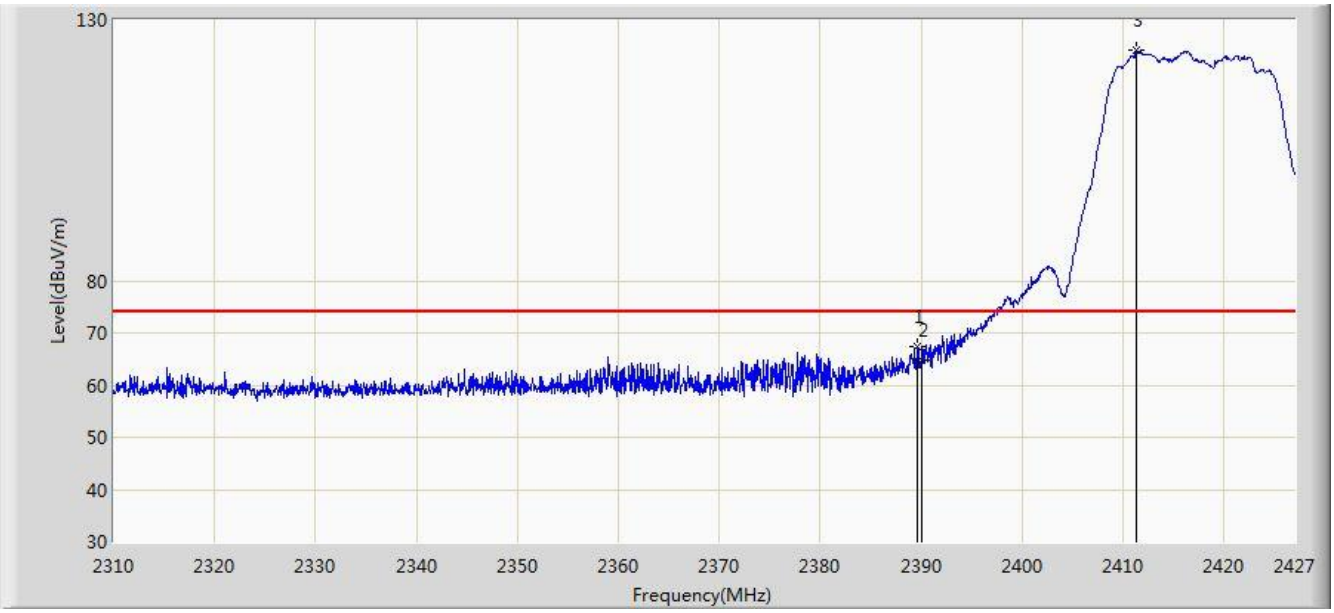


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.184	17.630	-3.816	54.000	32.554	AV
2			2418.167	112.657	80.139	N/A	N/A	32.519	AV

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

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

Site: AC1	Time: 2018/03/05 - 14:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2417MHz Ant 0 + 1 (CDD Mode)	

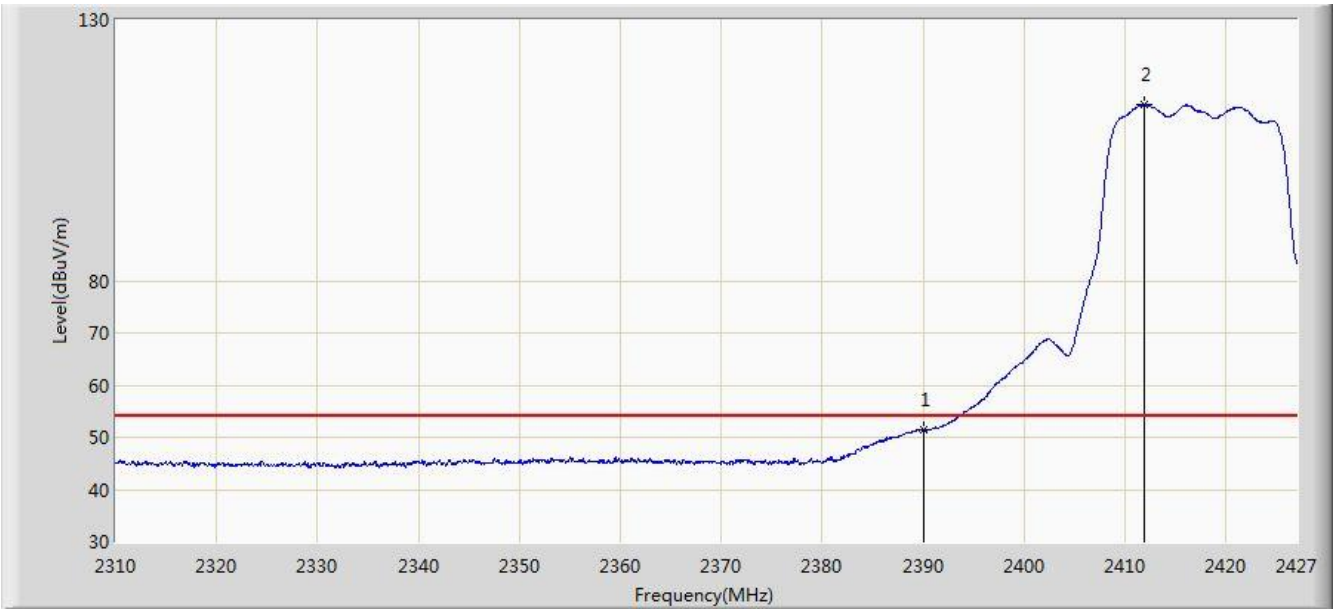


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.677	67.266	34.711	-6.734	74.000	32.555	PK
2			2390.000	64.653	32.099	-9.347	74.000	32.554	PK
3			2411.263	124.295	91.769	N/A	N/A	32.526	PK

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

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

Site: AC1	Time: 2018/03/05 - 14:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2417MHz Ant 0 + 1 (CDD Mode)	

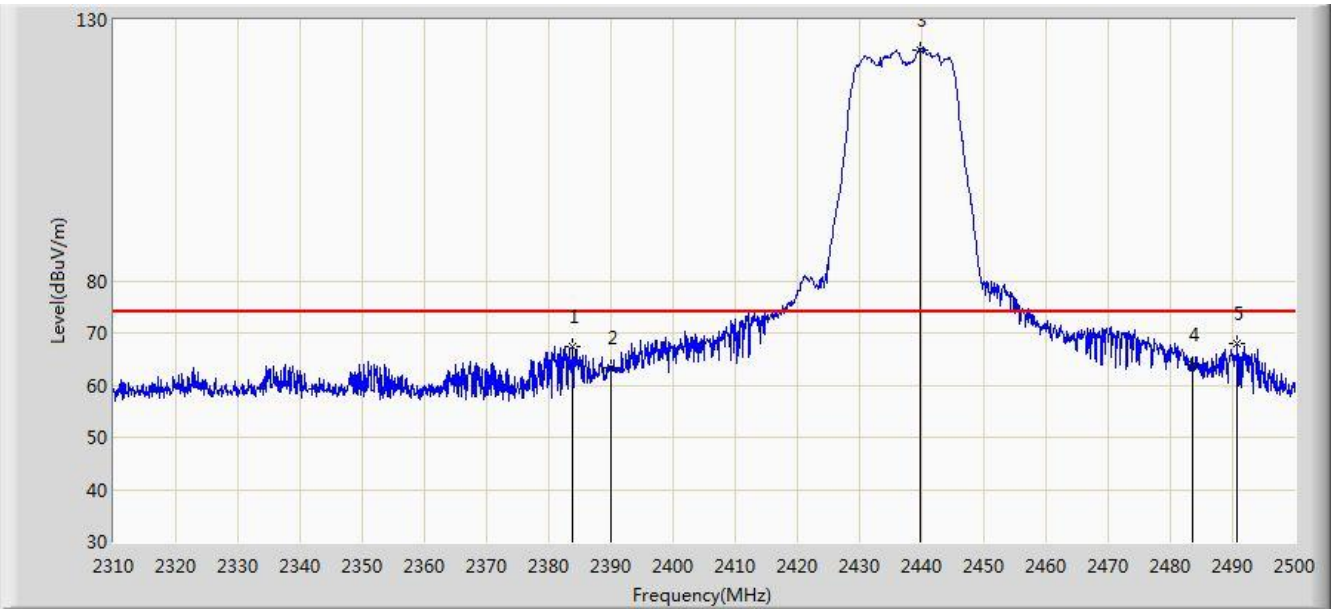


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.336	18.782	-2.664	54.000	32.554	AV
2			2411.848	113.726	81.200	N/A	N/A	32.526	AV

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

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

Site: AC1	Time: 2018/02/08 - 08:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

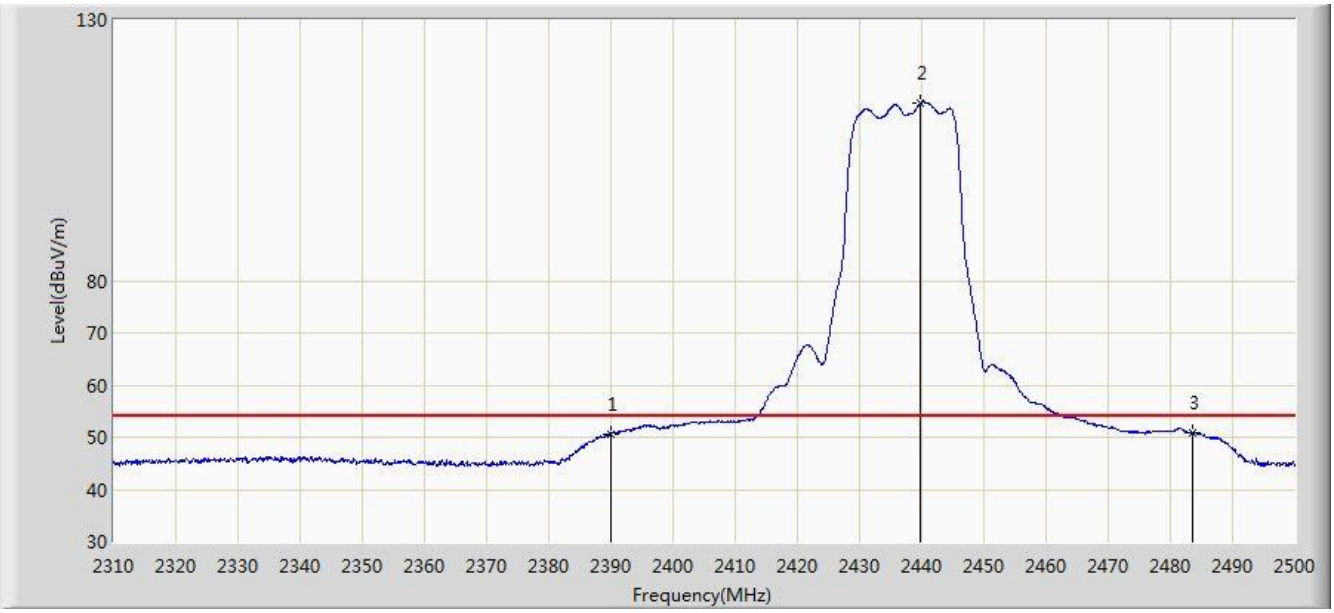


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2383.720	67.442	34.879	-6.558	74.000	32.563	PK
2			2390.000	63.413	30.859	-10.587	74.000	32.554	PK
3			2439.770	124.330	91.837	N/A	N/A	32.493	PK
4			2483.500	63.934	31.353	-10.066	74.000	32.580	PK
5			2490.785	68.103	35.501	-5.897	74.000	32.602	PK

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

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

Site: AC1	Time: 2018/02/08 - 08:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

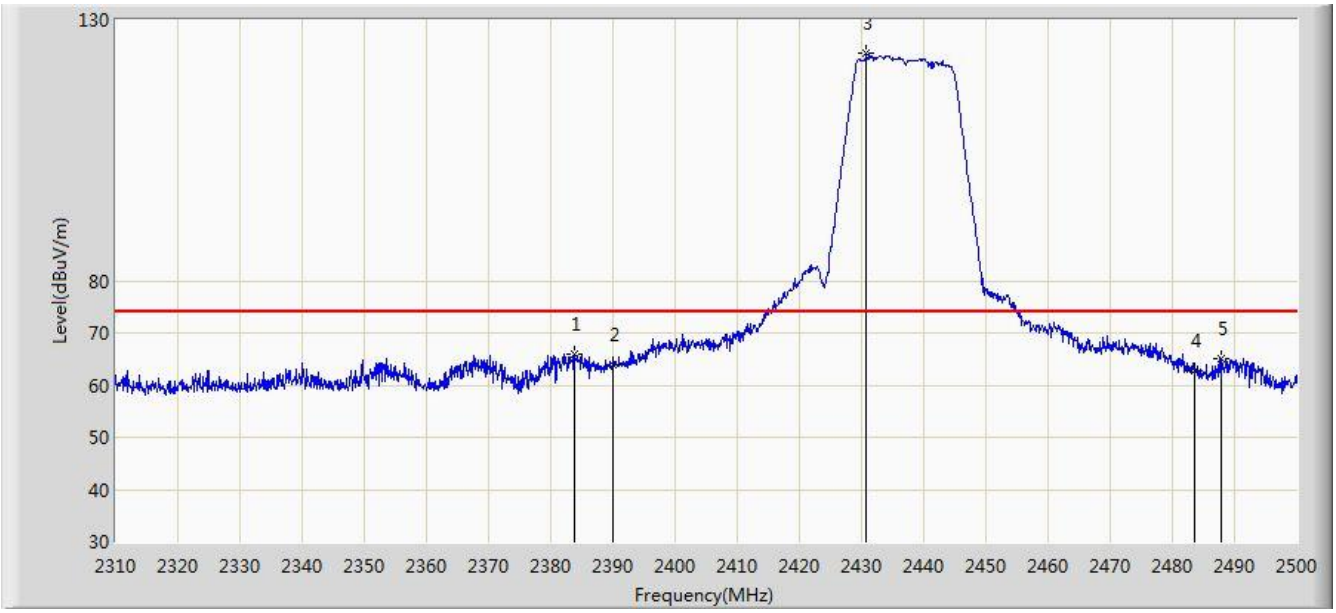


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.673	18.119	-3.327	54.000	32.554	AV
2			2439.865	114.023	81.531	N/A	N/A	32.492	AV
3			2483.500	50.851	18.270	-3.149	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/02/08 - 08:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

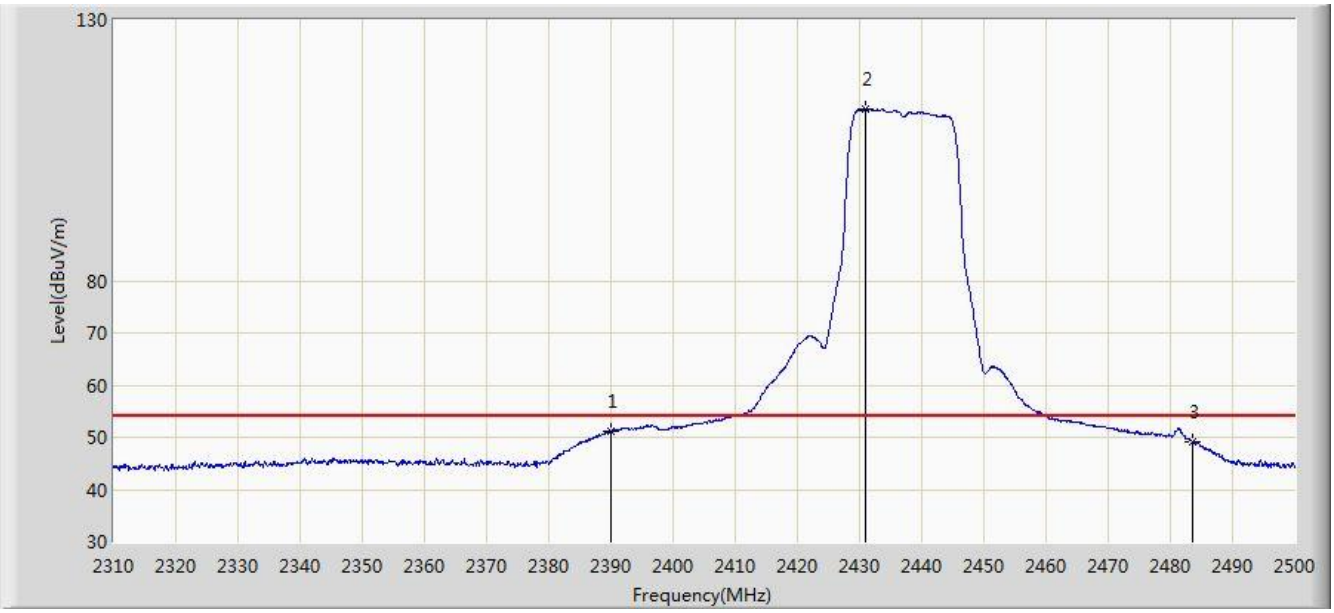


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2383.910	66.000	33.437	-8.000	74.000	32.563	PK
2			2390.000	63.840	31.286	-10.160	74.000	32.554	PK
3			2430.745	123.635	91.132	N/A	N/A	32.503	PK
4			2483.500	62.676	30.095	-11.324	74.000	32.580	PK
5			2487.745	65.018	32.425	-8.982	74.000	32.593	PK

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

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

Site: AC1	Time: 2018/02/08 - 08:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

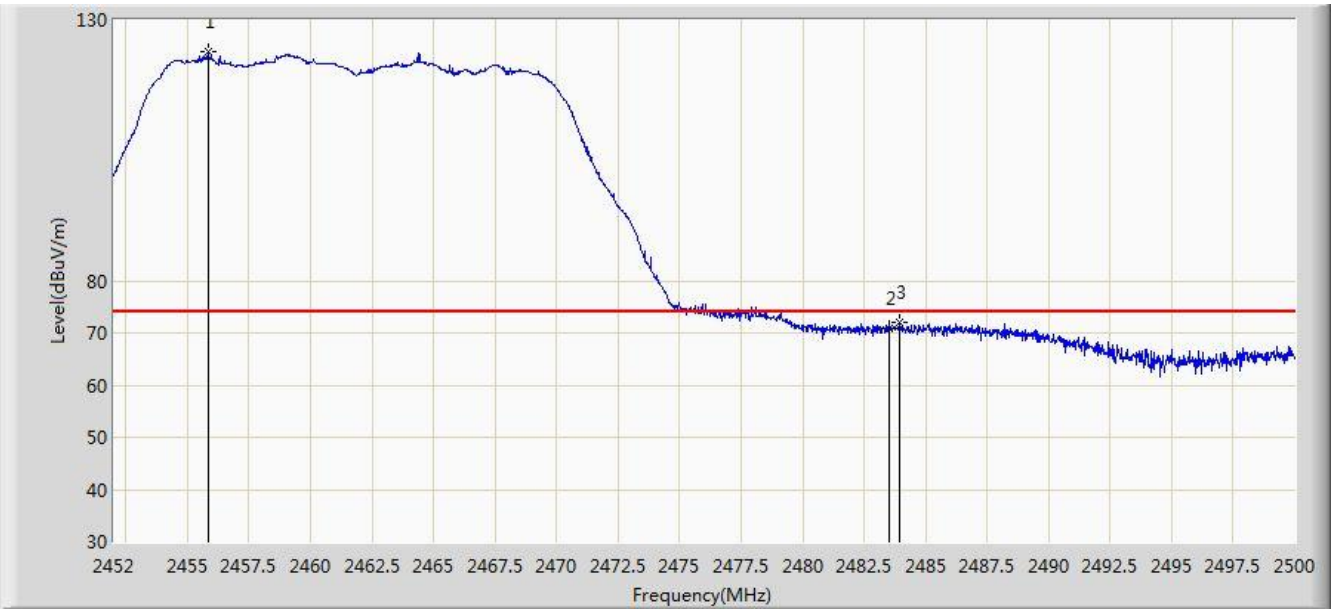


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.276	18.722	-2.724	54.000	32.554	AV
2			2430.840	112.989	80.486	N/A	N/A	32.503	AV
3			2483.500	49.134	16.553	-4.866	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/02/08 - 06:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

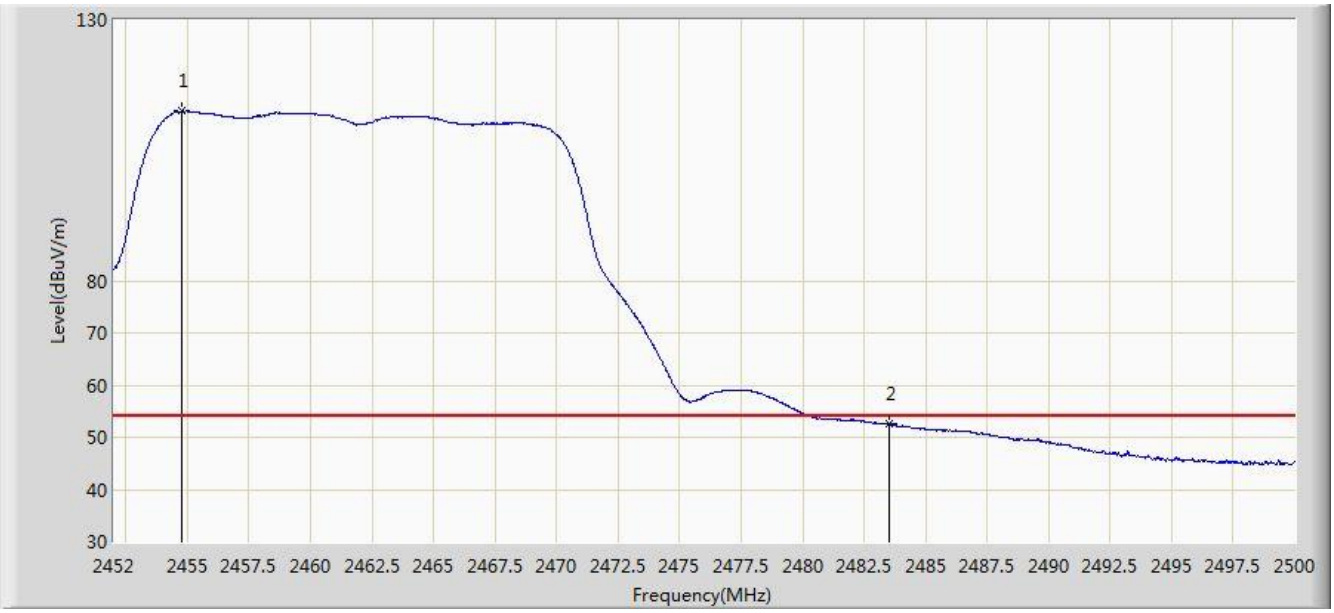


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2455.840	123.907	91.401	N/A	N/A	32.505	PK
2			2483.500	70.772	38.191	-3.228	74.000	32.580	PK
3			2483.968	72.095	39.513	-1.905	74.000	32.582	PK

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

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

Site: AC1	Time: 2018/02/08 - 06:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

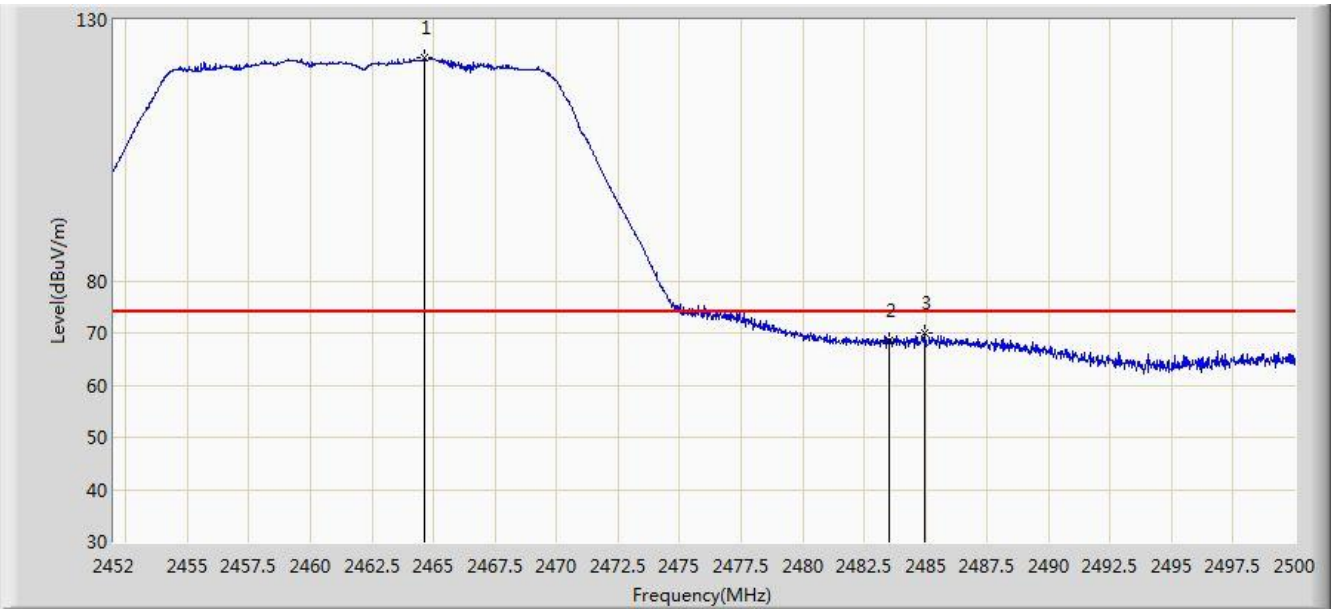


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2454.784	112.516	80.012	N/A	N/A	32.504	AV
2			2483.500	52.541	19.960	-1.459	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/02/08 - 06:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

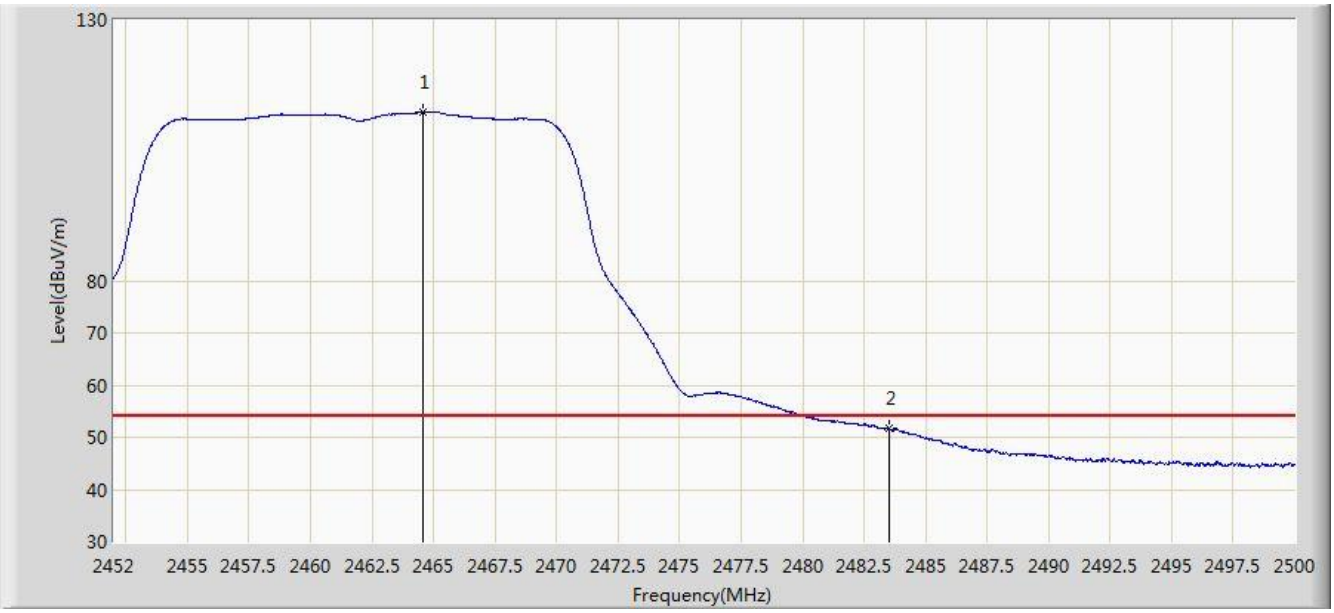


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2464.624	122.718	90.194	N/A	N/A	32.524	PK
2			2483.500	68.424	35.843	-5.576	74.000	32.580	PK
3			2484.976	69.922	37.337	-4.078	74.000	32.585	PK

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

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

Site: AC1	Time: 2018/02/08 - 07:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

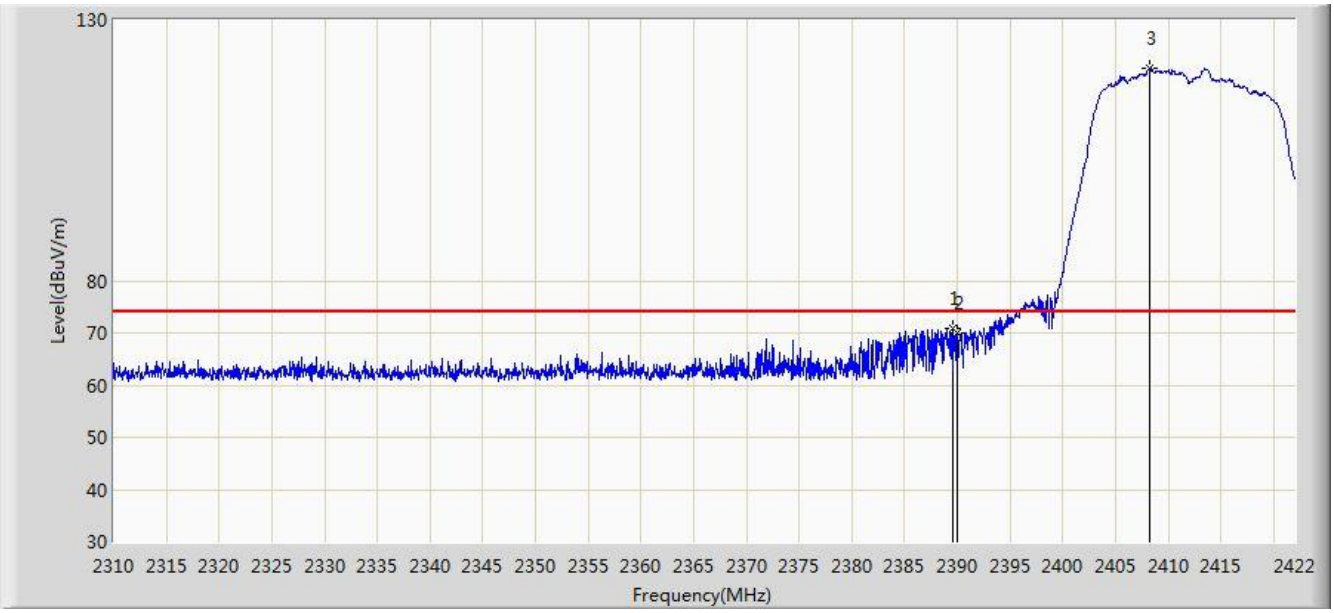


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2464.576	112.245	79.721	N/A	N/A	32.524	AV
2			2483.500	51.595	19.014	-2.405	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/20 - 02:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

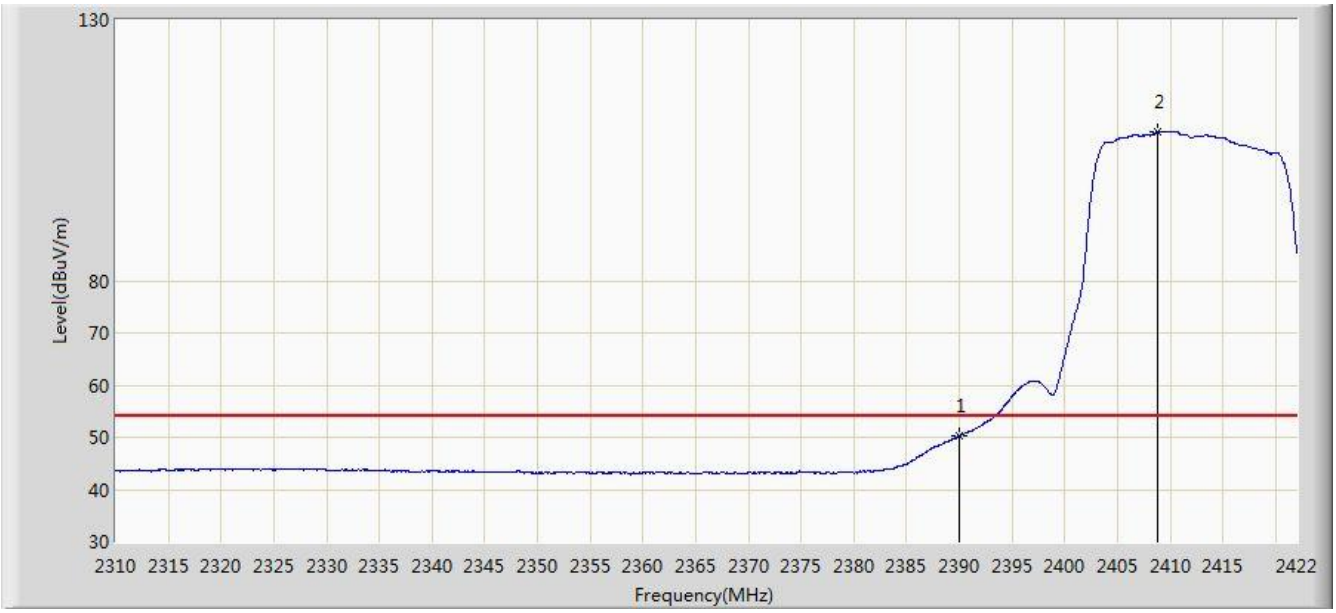


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.520	70.881	38.553	-3.119	74.000	32.327	PK
2			2390.000	69.859	37.532	-4.141	74.000	32.327	PK
3			2408.224	120.798	88.507	N/A	N/A	32.291	PK

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

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

Site: AC1	Time: 2018/03/20 - 02:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

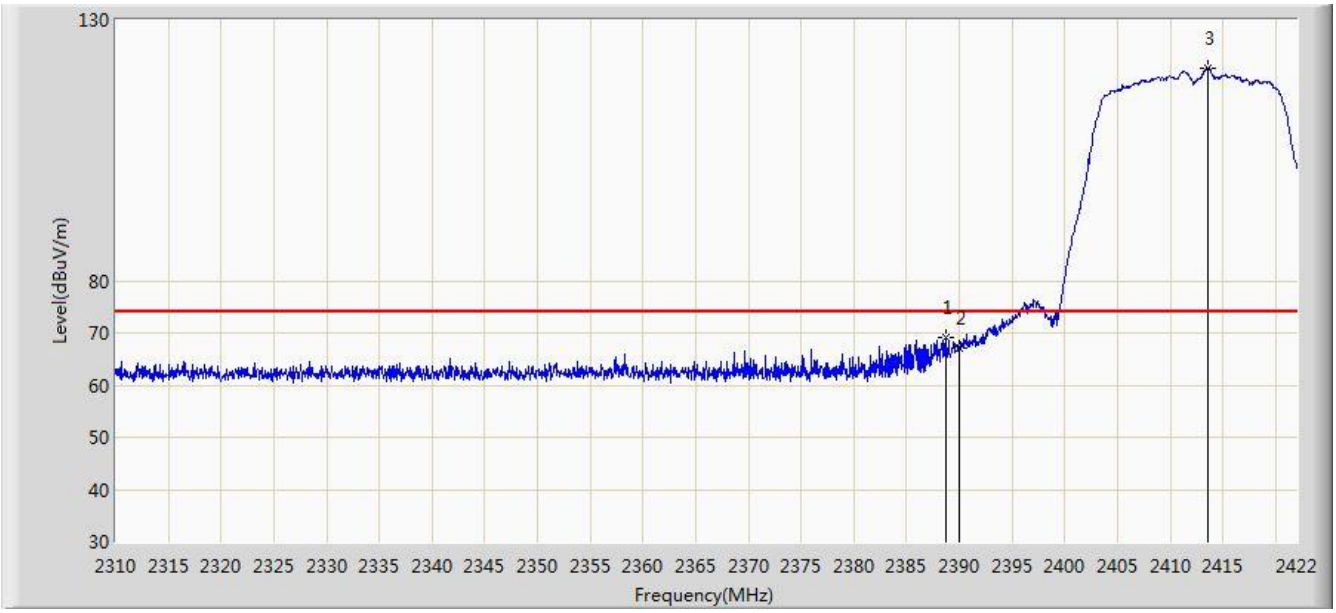


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.310	17.983	-3.690	54.000	32.327	AV
2			2408.840	108.568	76.278	N/A	N/A	32.290	AV

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

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

Site: AC1	Time: 2018/03/20 - 02:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

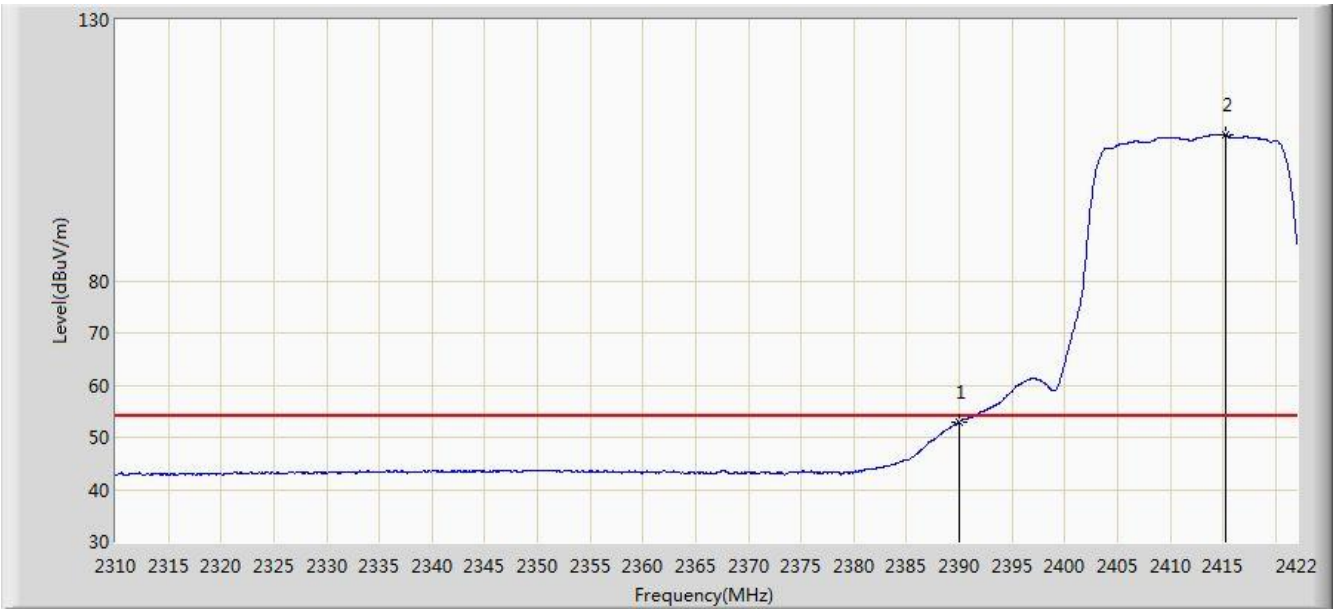


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.792	69.195	36.866	-4.805	74.000	32.329	PK
2			2390.000	66.983	34.656	-7.017	74.000	32.327	PK
3			2413.544	120.770	88.486	N/A	N/A	32.284	PK

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

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

Site: AC1	Time: 2018/03/20 - 02:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

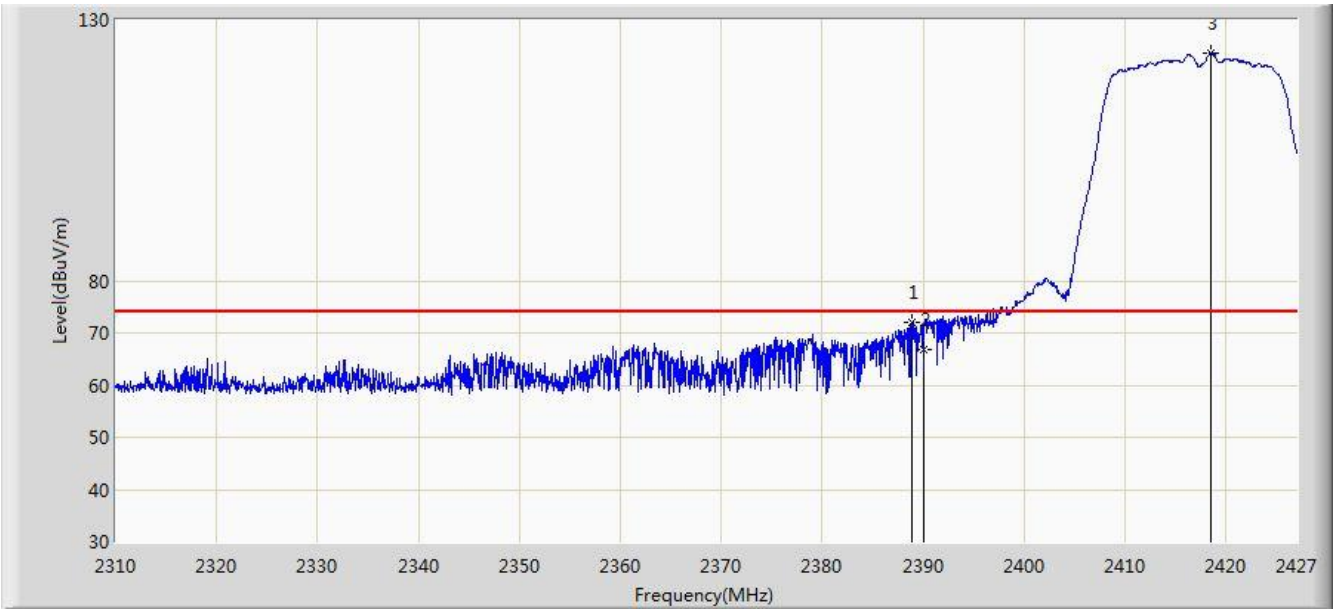


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.010	20.683	-0.990	54.000	32.327	AV
2	X		2415.224	108.063	75.780	N/A	N/A	32.283	AV

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

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

Site: AC1	Time: 2018/03/05 - 14:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2417MHz Ant 0 + 1 (CDD Mode)	

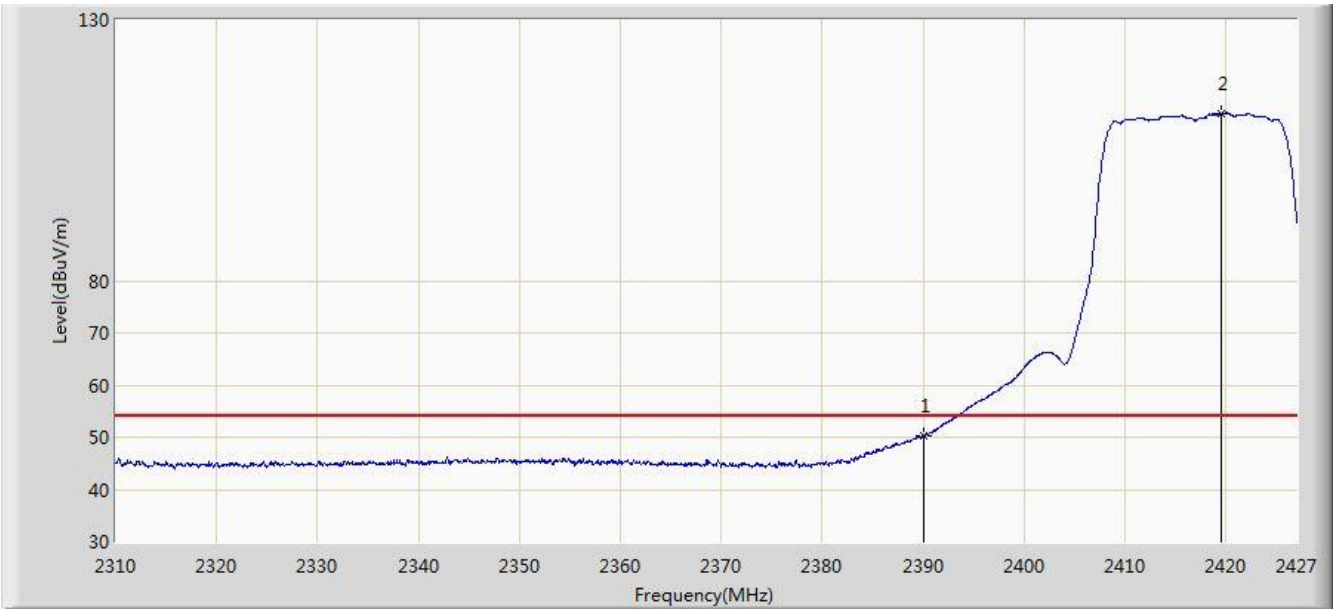


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.917	72.085	39.529	-1.915	74.000	32.556	PK
2			2390.000	66.904	34.350	-7.096	74.000	32.554	PK
3			2418.518	123.763	91.245	N/A	N/A	32.518	PK

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

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

Site: AC1	Time: 2018/03/05 - 14:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2417MHz Ant 0 + 1 (CDD Mode)	

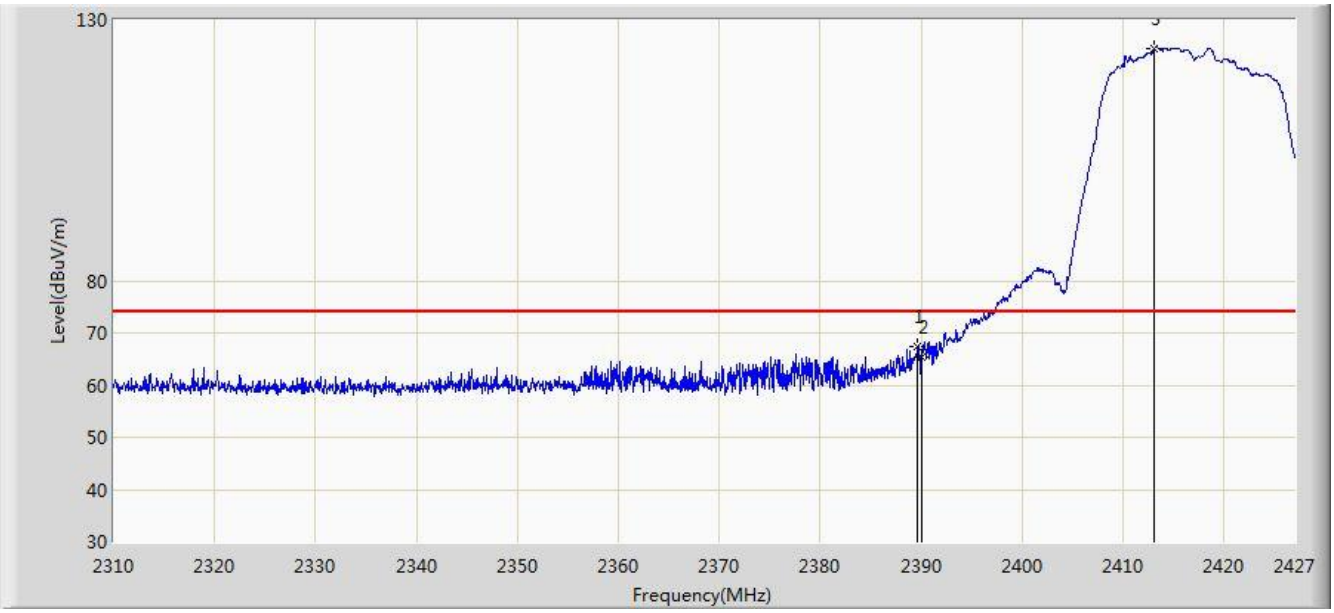


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.174	17.620	-3.826	54.000	32.554	AV
2			2419.454	111.978	79.461	N/A	N/A	32.517	AV

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

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

Site: AC1	Time: 2018/03/05 - 14:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2417MHz Ant 0 + 1 (CDD Mode)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.618	67.326	34.771	-6.674	74.000	32.555	PK
2			2390.000	65.490	32.936	-8.510	74.000	32.554	PK
3			2413.135	124.592	92.068	N/A	N/A	32.524	PK

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

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