Test Mode:	802.11n-HT20 - Ant 0	Test Site:	AC1
Test Channel:	11	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 30dB 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
	4918.5	36.1	2.6	38.7	74.0	-35.3	Peak	Horizontal
	7562.0	33.0	10.9	43.9	74.0	-30.1	Peak	Horizontal
*	8786.0	32.3	11.8	44.1	83.0	-38.9	Peak	Horizontal
*	13010.5	30.7	17.6	48.3	83.0	-34.7	Peak	Horizontal
	4893.0	35.8	2.7	38.5	74.0	-35.5	Peak	Vertical
	7562.0	33.0	10.9	43.9	74.0	-30.1	Peak	Vertical
*	9636.0	34.0	12.9	46.9	83.0	-36.1	Peak	Vertical
*	12721.5	32.5	16.2	48.7	83.0	-34.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (113.0dBμV/m) or FCC 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)

Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	03	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 30dB 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
	4952.5	35.6	2.7	38.3	74.0	-35.7	Peak	Horizontal
	7672.5	33.3	10.3	43.6	74.0	-30.4	Peak	Horizontal
*	9755.0	33.7	13.0	46.7	77.9	-31.2	Peak	Horizontal
*	12721.5	32.5	16.2	48.7	77.9	-29.2	Peak	Horizontal
	4740.0	35.2	2.7	37.9	74.0	-36.1	Peak	Vertical
	7400.5	33.8	10.8	44.6	74.0	-29.4	Peak	Vertical
*	9755.0	33.7	13.0	46.7	77.9	-31.2	Peak	Vertical
*	12959.5	31.2	17.4	48.6	77.9	-29.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (107.9dBμV/m) or FCC 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)

Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	06	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 30dB 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
	4876.0	41.3	2.6	43.9	74.0	-30.1	Peak	Horizontal
	5080.0	35.2	3.1	38.3	74.0	-35.7	Peak	Horizontal
*	6431.5	37.4	6.7	44.1	78.9	-34.8	Peak	Horizontal
*	9729.5	33.1	12.4	45.5	78.9	-33.4	Peak	Horizontal
	4867.5	36.7	2.6	39.3	74.0	-34.7	Peak	Vertical
	7332.5	31.7	10.7	42.4	74.0	-31.6	Peak	Vertical
*	8616.0	31.3	11.2	42.5	78.9	-36.4	Peak	Vertical
*	9729.5	33.1	12.4	45.5	78.9	-33.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (108.9dBμV/m) or FCC 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)

Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	09	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 30dB 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
	4876.0	34.6	2.6	37.2	74.0	-36.8	Peak	Horizontal
	7426.0	33.4	10.7	44.1	74.0	-29.9	Peak	Horizontal
*	8616.0	31.3	11.2	42.5	78.8	-36.3	Peak	Horizontal
*	12840.5	30.7	16.9	47.6	78.8	-31.2	Peak	Horizontal
	4850.5	35.5	2.7	38.2	74.0	-35.8	Peak	Vertical
	7392.0	32.9	10.7	43.6	74.0	-30.4	Peak	Vertical
*	8794.5	31.2	11.8	43.0	78.8	-35.8	Peak	Vertical
*	12840.5	30.7	16.9	47.6	78.8	-31.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (108.8dBμV/m) or FCC 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)

Test Mode:	802.11g - Ant 1	Test Site:	AC1
Test Channel:	01	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 30dB 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
	4816.5	52.7	2.6	55.3	74.0	-18.7	Peak	Horizontal
	4823.8	42.2	2.6	44.8	54.0	-9.2	Average	Horizontal
	7392.0	32.9	10.7	43.6	74.0	-30.4	Peak	Horizontal
*	8667.0	32.4	11.3	43.7	82.2	-38.5	Peak	Horizontal
*	13019.0	30.1	17.7	47.8	82.2	-34.4	Peak	Horizontal
	4825.0	47.4	2.7	50.1	74.0	-23.9	Peak	Vertical
	7536.5	32.5	11.0	43.5	74.0	-30.5	Peak	Vertical
*	9610.5	33.5	12.5	46.0	82.2	-36.2	Peak	Vertical
*	13019.0	30.1	17.7	47.8	82.2	-34.4	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.2dBμV/m) or FCC 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)

Test Mode:	802.11g - Ant 1	Test Site:	AC1
Test Channel:	06	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 30dB 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
	4876.0	53.9	2.6	56.5	74.0	-17.5	Peak	Horizontal
	4876.0	44.3	2.6	46.9	54.0	-7.1	Average	Horizontal
	7307.0	39.1	10.7	49.8	74.0	-24.2	Peak	Horizontal
*	9610.5	33.5	12.5	46.0	82.6	-36.6	Peak	Horizontal
*	13852.0	30.0	20.0	50.0	82.6	-32.6	Peak	Horizontal
	4876.0	46.3	2.6	48.9	74.0	-25.1	Peak	Vertical
	7460.0	33.7	11.1	44.8	74.0	-29.2	Peak	Vertical
*	9602.0	33.4	12.6	46.0	82.6	-36.6	Peak	Vertical
*	13852.0	30.0	20.0	50.0	82.6	-32.6	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (112.6dBμV/m) or FCC 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)

Test Mode:	802.11g - Ant 1	Test Site:	AC1
Test Channel:	11	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 30dB 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
	4927.0	47.0	2.6	49.6	74.0	-24.4	Peak	Horizontal
	7502.5	32.9	11.0	43.9	74.0	-30.1	Peak	Horizontal
*	8616.0	31.4	11.2	42.6	81.2	-38.6	Peak	Horizontal
*	9602.0	33.4	12.6	46.0	81.2	-35.2	Peak	Horizontal
	4927.0	42.3	2.6	44.9	74.0	-29.1	Peak	Vertical
	7502.5	32.9	11.0	43.9	74.0	-30.1	Peak	Vertical
*	8667.0	32.0	11.3	43.3	81.2	-37.9	Peak	Vertical
*	9874.0	32.3	13.4	45.7	81.2	-35.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (111.2dBμV/m) or FCC 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)

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	01	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 30dB 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
	4825.0	52.9	2.7	55.6	74.0	-18.4	Peak	Horizontal
	4822.9	40.6	2.6	43.2	54.0	-10.8	Average	Horizontal
	7485.5	33.1	10.9	44.0	74.0	-30.0	Peak	Horizontal
*	8667.0	32.0	11.3	43.3	81.0	-37.7	Peak	Horizontal
*	9908.0	32.3	13.5	45.8	81.0	-35.2	Peak	Horizontal
	4825.0	45.4	2.7	48.1	74.0	-25.9	Peak	Vertical
	7647.0	33.4	10.6	44.0	74.0	-30.0	Peak	Vertical
*	8803.0	32.0	11.7	43.7	81.0	-37.3	Peak	Vertical
*	9908.0	32.3	13.5	45.8	81.0	-35.2	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (111.0dBμV/m) or FCC 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)

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	06	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 30dB 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
	4876.0	54.1	2.6	56.7	74.0	-17.3	Peak	Horizontal
	4874.8	44.0	2.6	46.6	54.0	-7.4	Average	Horizontal
	7647.0	33.4	10.6	44.0	74.0	-30.0	Peak	Horizontal
*	8862.5	32.1	11.6	43.7	81.4	-37.7	Peak	Horizontal
*	9746.5	32.6	12.7	45.3	81.4	-36.1	Peak	Horizontal
	4876.0	46.0	2.6	48.6	74.0	-25.4	Peak	Vertical
	7502.5	33.7	11.0	44.7	74.0	-29.3	Peak	Vertical
*	8786.0	31.5	11.8	43.3	81.4	-38.1	Peak	Vertical
*	9746.5	32.6	12.7	45.3	81.4	-36.1	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (111.4dBμV/m) or FCC 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)

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	11	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 30dB 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
	4918.5	48.3	2.6	50.9	74.0	-23.1	Peak	Horizontal
	7417.5	33.2	10.8	44.0	74.0	-30.0	Peak	Horizontal
*	8718.0	32.5	11.4	43.9	80.2	-36.3	Peak	Horizontal
*	9925.0	32.5	13.3	45.8	80.2	-34.4	Peak	Horizontal
	4918.5	40.1	2.6	42.7	74.0	-31.3	Peak	Vertical
	7587.5	33.5	10.8	44.3	74.0	-29.7	Peak	Vertical
*	8786.0	32.0	11.8	43.8	80.2	-36.4	Peak	Vertical
*	9925.0	32.5	13.3	45.8	80.2	-34.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (110.2dBμV/m) or FCC 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)

Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	03	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 30dB 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
	4833.5	44.1	2.8	46.9	74.0	-27.1	Peak	Horizontal
	7400.5	32.7	10.8	43.5	74.0	-30.5	Peak	Horizontal
*	8786.0	32.0	11.8	43.8	76.8	-33.0	Peak	Horizontal
*	9636.0	32.5	12.9	45.4	76.8	-31.4	Peak	Horizontal
	4850.5	39.0	2.7	41.7	74.0	-32.3	Peak	Vertical
	7400.5	32.7	10.8	43.5	74.0	-30.5	Peak	Vertical
*	8837.0	32.4	11.6	44.0	76.8	-32.8	Peak	Vertical
*	9602.0	32.6	12.6	45.2	76.8	-31.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (106.8dBμV/m) or FCC 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)

Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	06	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 30dB 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
	4876.0	52.5	2.6	55.1	74.0	-18.9	Peak	Horizontal
	4874.8	40.0	2.6	42.6	54.0	-11.4	Average	Horizontal
	7604.5	33.6	10.8	44.4	74.0	-29.6	Peak	Horizontal
*	8837.0	32.4	11.6	44.0	77.2	-33.2	Peak	Horizontal
*	9814.5	31.5	12.8	44.3	77.2	-32.9	Peak	Horizontal
*	4876.0	42.6	2.6	45.2	74.0	-28.8	Peak	Vertical
	7460.0	33.8	11.1	44.9	74.0	-29.1	Peak	Vertical
*	8777.5	32.1	11.9	44.0	77.2	-33.2	Peak	Vertical
*	9814.5	31.5	12.8	44.3	77.2	-32.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (107.2dBμV/m) or FCC 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)

Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	09	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 30dB 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
	4901.5	43.5	2.6	46.1	74.0	-27.9	Peak	Horizontal
	7468.5	32.9	11.0	43.9	74.0	-30.1	Peak	Horizontal
*	8777.5	32.1	11.9	44.0	75.9	-31.9	Peak	Horizontal
*	9695.5	34.5	12.4	46.9	75.9	-29.0	Peak	Horizontal
	4901.5	38.0	2.6	40.6	74.0	-33.4	Peak	Vertical
	7468.5	32.9	11.0	43.9	74.0	-30.1	Peak	Vertical
*	8794.5	33.0	11.8	44.8	75.9	-31.1	Peak	Vertical
*	9644.5	32.8	12.7	45.5	75.9	-30.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (105.9dBμV/m) or FCC 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)

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	01	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 30dB 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
	4825.0	48.0	2.7	50.7	74.0	-23.3	Peak	Horizontal
	7570.5	33.2	10.8	44.0	74.0	-30.0	Peak	Horizontal
*	8794.5	33.0	11.8	44.8	82.9	-38.1	Peak	Horizontal
*	9831.5	32.7	13.2	45.9	82.9	-37.0	Peak	Horizontal
	4825.0	41.6	2.7	44.3	74.0	-29.7	Peak	Vertical
	7545.0	32.7	10.9	43.6	74.0	-30.4	Peak	Vertical
*	8820.0	31.8	11.7	43.5	82.9	-39.4	Peak	Vertical
*	9831.5	32.7	13.2	45.9	82.9	-37.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (112.9dBμV/m) or FCC 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)

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	06	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 30dB 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
	4876.0	53.7	2.6	56.3	74.0	-17.7	Peak	Horizontal
	4874.3	42.7	2.6	45.3	54.0	-8.7	Average	Horizontal
	7307.0	37.7	10.7	48.4	74.0	-25.6	Peak	Horizontal
*	8820.0	31.8	11.7	43.5	83.0	-39.5	Peak	Horizontal
*	9738.0	34.4	12.5	46.9	83.0	-36.1	Peak	Horizontal
	4867.5	47.5	2.6	50.1	74.0	-23.9	Peak	Vertical
	7307.0	37.7	10.7	48.4	74.0	-25.6	Peak	Vertical
*	8888.0	32.8	11.4	44.2	83.0	-38.8	Peak	Vertical
*	9644.5	34.0	12.7	46.7	83.0	-36.3	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (113.0dBμV/m) or FCC 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)

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	11	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 30dB 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
	4918.5	46.6	2.6	49.2	74.0	-24.8	Peak	Horizontal
	7494.0	33.0	11.0	44.0	74.0	-30.0	Peak	Horizontal
*	8633.0	32.4	11.2	43.6	82.9	-39.3	Peak	Horizontal
*	9644.5	34.0	12.7	46.7	82.9	-36.2	Peak	Horizontal
	4927.0	39.6	2.6	42.2	74.0	-31.8	Peak	Vertical
	7596.0	33.8	10.7	44.5	74.0	-29.5	Peak	Vertical
*	8633.0	32.4	11.2	43.6	82.9	-39.3	Peak	Vertical
*	9636.0	33.3	12.9	46.2	82.9	-36.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (112.9dBμV/m) or FCC 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)

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	03	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 30dB 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
	4842.0	39.9	2.9	42.8	74.0	-31.2	Peak	Horizontal
	7596.0	33.8	10.7	44.5	74.0	-29.5	Peak	Horizontal
*	8718.0	32.2	11.4	43.6	75.7	-32.1	Peak	Horizontal
*	9874.0	33.2	13.4	46.6	75.7	-29.1	Peak	Horizontal
	4833.5	35.8	2.8	38.6	74.0	-35.4	Peak	Vertical
	7434.5	33.5	10.7	44.2	74.0	-29.8	Peak	Vertical
*	8718.0	32.2	11.4	43.6	75.7	-32.1	Peak	Vertical
*	9678.5	32.7	12.5	45.2	75.7	-30.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (105.7dBμV/m) or FCC 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)

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	06	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 30dB 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
	4884.5	52.2	2.7	54.9	74.0	-19.1	Peak	Horizontal
	4875.0	38.5	2.6	41.1	54.0	-12.9	Average	Horizontal
	7307.0	40.6	10.7	51.3	74.0	-22.7	Peak	Horizontal
*	8803.0	32.0	11.7	43.7	77.1	-33.4	Peak	Horizontal
*	9661.5	33.7	12.5	46.2	77.1	-30.9	Peak	Horizontal
	4876.0	44.7	2.6	47.3	74.0	-26.7	Peak	Vertical
	7375.0	32.5	10.8	43.3	74.0	-30.7	Peak	Vertical
*	8803.0	32.0	11.7	43.7	77.1	-33.4	Peak	Vertical
*	9636.0	32.7	12.9	45.6	77.1	-31.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is 30dBc of the fundamental emission level (107.1dBμV/m) or FCC 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)

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	09	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 30dB 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
	4884.5	41.3	2.7	44.0	74.0	-30.0	Peak	Horizontal
	7375.0	32.5	10.8	43.3	74.0	-30.7	Peak	Horizontal
*	8794.5	32.2	11.8	44.0	76.7	-32.7	Peak	Horizontal
*	9899.5	31.4	13.3	44.7	76.7	-32.0	Peak	Horizontal
	4901.5	36.2	2.6	38.8	74.0	-35.2	Peak	Vertical
	7434.5	34.3	10.7	45.0	74.0	-29.0	Peak	Vertical
*	8701.0	31.6	11.4	43.0	76.7	-33.7	Peak	Vertical
*	9899.5	31.4	13.3	44.7	76.7	-32.0	Peak	Vertical

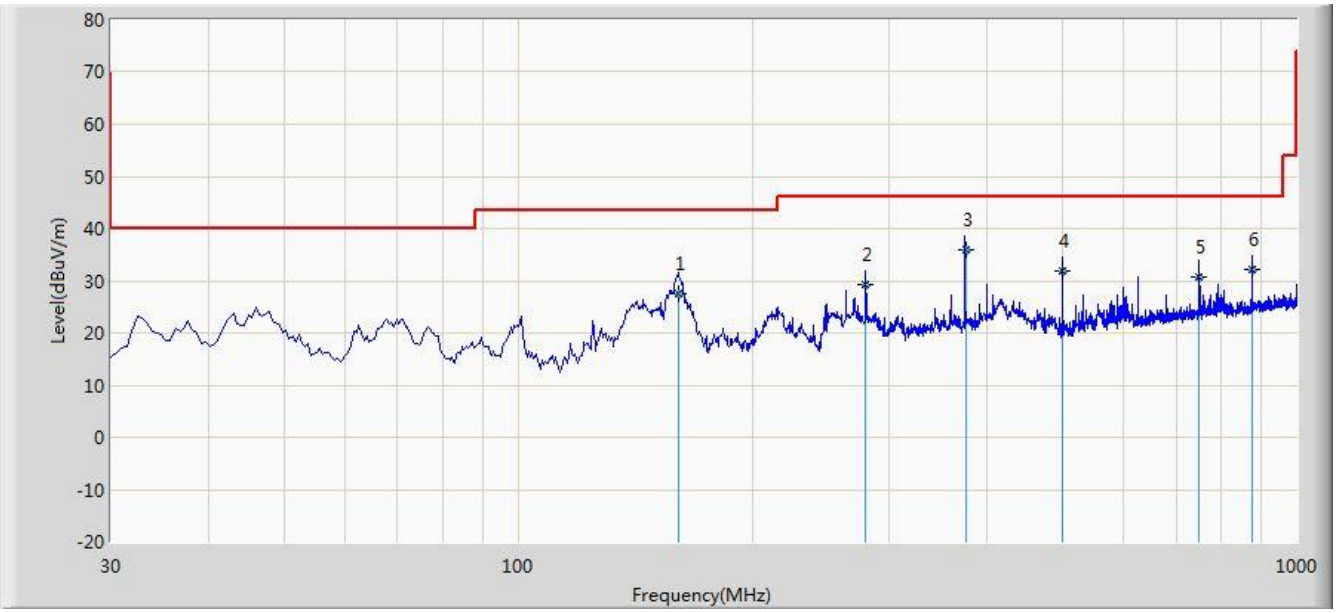
Note 1: “*” is not in restricted band, its limit is 30dBc of the fundamental emission level (106.7dBμV/m) or FCC 15.209 which is higher.

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: 2016/12/19 - 17:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: VULB 9168 _20-2000MHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Note: There is the worst data within frequency range 30MHz~1GHz.	

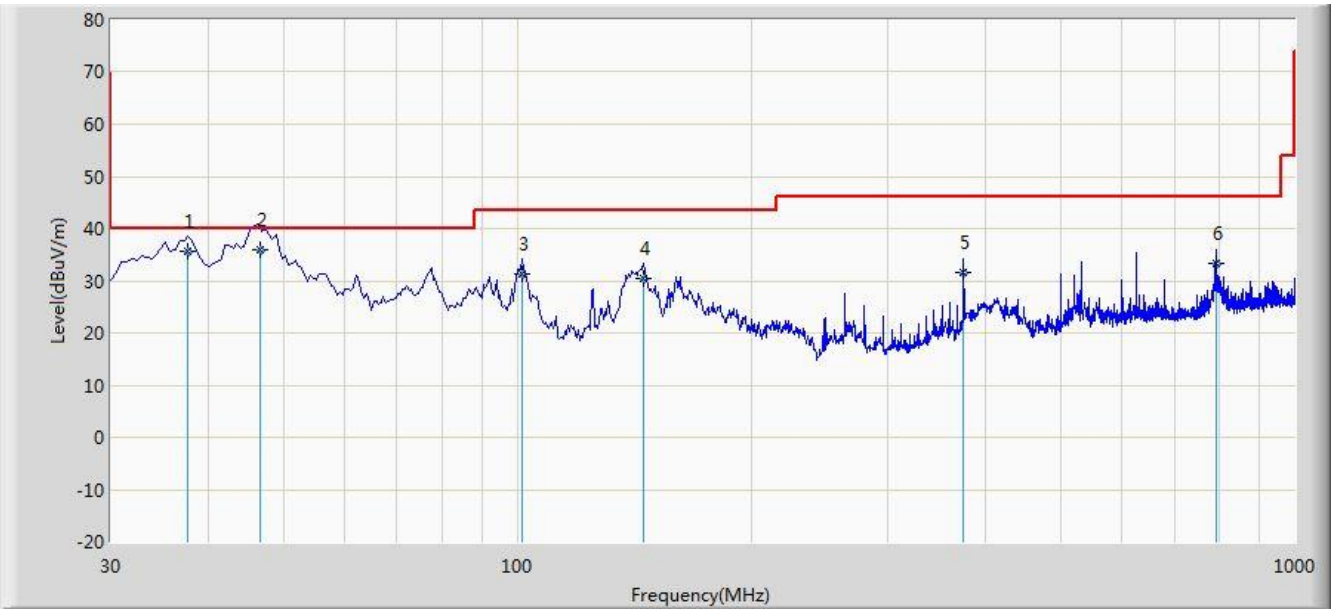


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			160.465	27.486	12.350	-16.014	43.500	15.136	QP
2			279.775	29.222	15.420	-16.778	46.000	13.802	QP
3		*	375.835	35.846	19.824	-10.154	46.000	16.022	QP
4			499.965	32.006	13.524	-13.994	46.000	18.482	QP
5			750.052	30.845	8.140	-15.155	46.000	22.705	QP
6			875.355	32.250	8.240	-13.750	46.000	24.010	QP

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

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

Site: AC1	Time: 2016/12/19 - 17:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: VULB 9168 _20-2000MHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Note: There is the worst data within frequency range 30MHz~1GHz.	

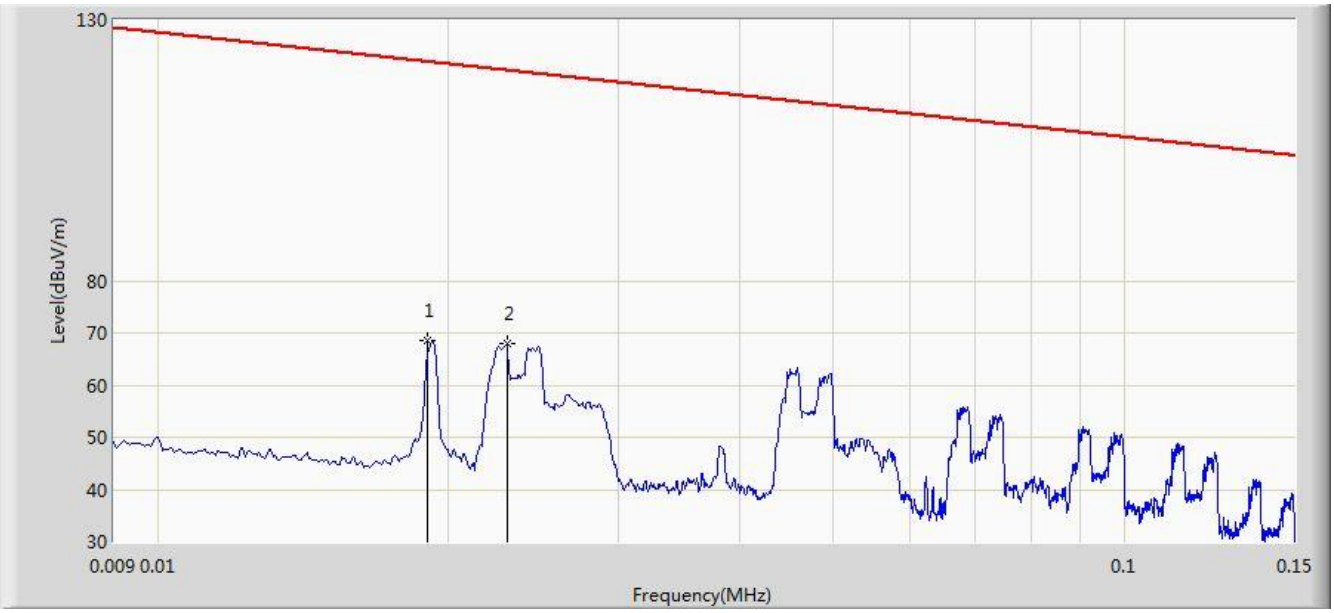


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			37.760	35.755	21.524	-4.245	40.000	14.231	QP
2		*	46.720	35.934	21.800	-4.066	40.000	14.133	QP
3			101.295	31.333	20.240	-12.167	43.500	11.093	QP
4			145.430	30.389	15.520	-13.111	43.500	14.869	QP
5			374.835	31.625	15.625	-14.375	46.000	16.000	QP
6			791.450	33.419	10.240	-12.581	46.000	23.179	QP

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

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

Site: AC1	Time: 2016/12/19 - 18:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: FMZB1519_0.009-30MHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Note: There is the worst data within frequency range 9kHz~30MHz.	

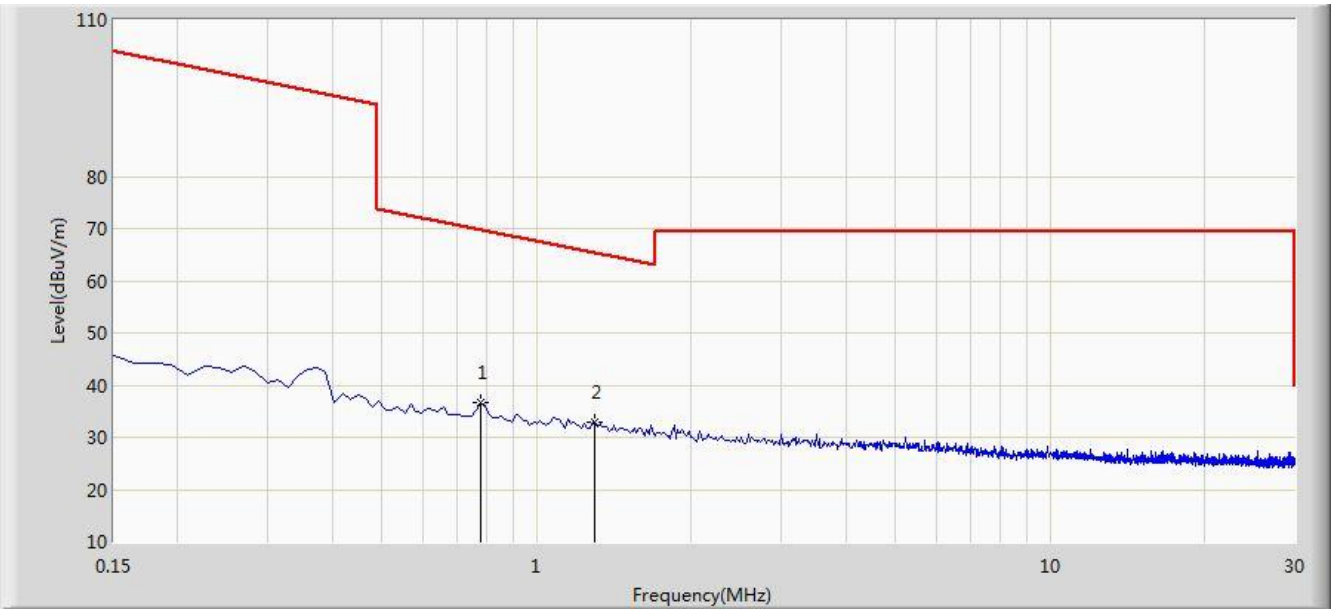


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.019	68.516	47.222	-53.498	122.013	21.294	AV
2		*	0.023	67.845	46.649	-52.510	120.355	21.196	AV

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

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

Site: AC1	Time: 2016/12/19 - 18:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Jone Zhang
Probe: FMZB1519_0.009-30MHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Note: There is the worst data within frequency range 9kHz~30MHz.	

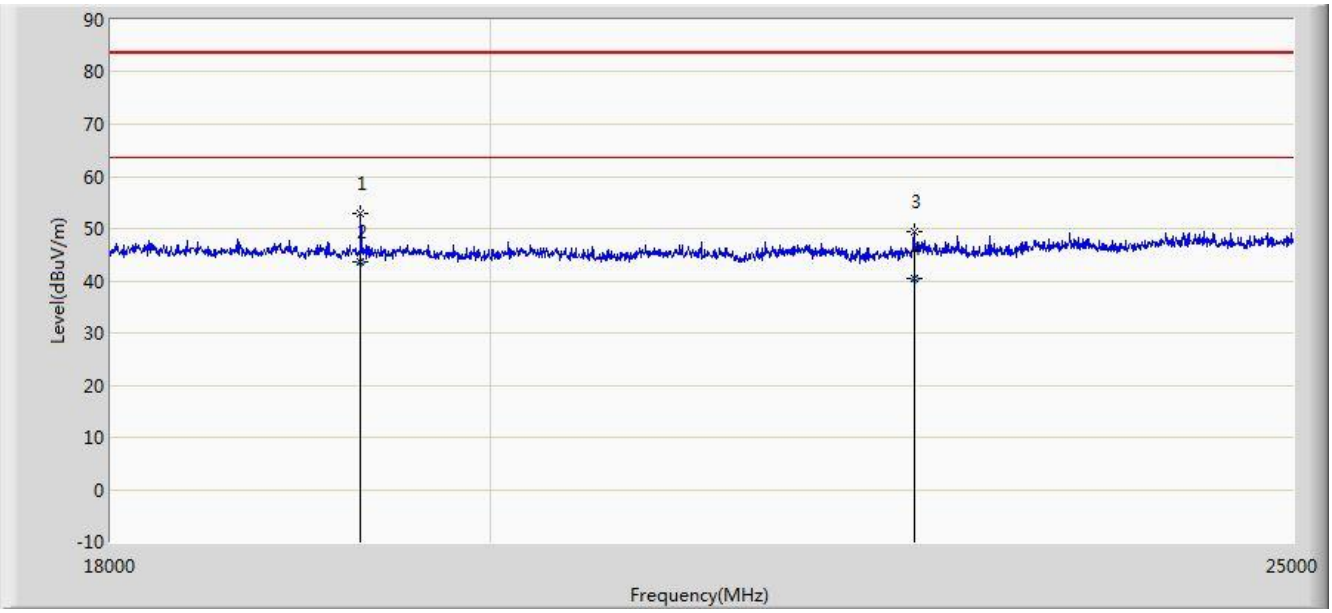


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.777	36.723	16.155	-33.084	69.807	20.568	QP
2		*	1.299	32.875	12.381	-32.481	65.356	20.494	QP

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

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

Site: AC1	Time: 2016/12/11 - 17:43
Limit: FCC_Part15.407_RE(1m)	Engineer: Jone Zhang
Probe: BBHA9170_18-40GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Note: There is the worst data within frequency range 18~25GHz.	

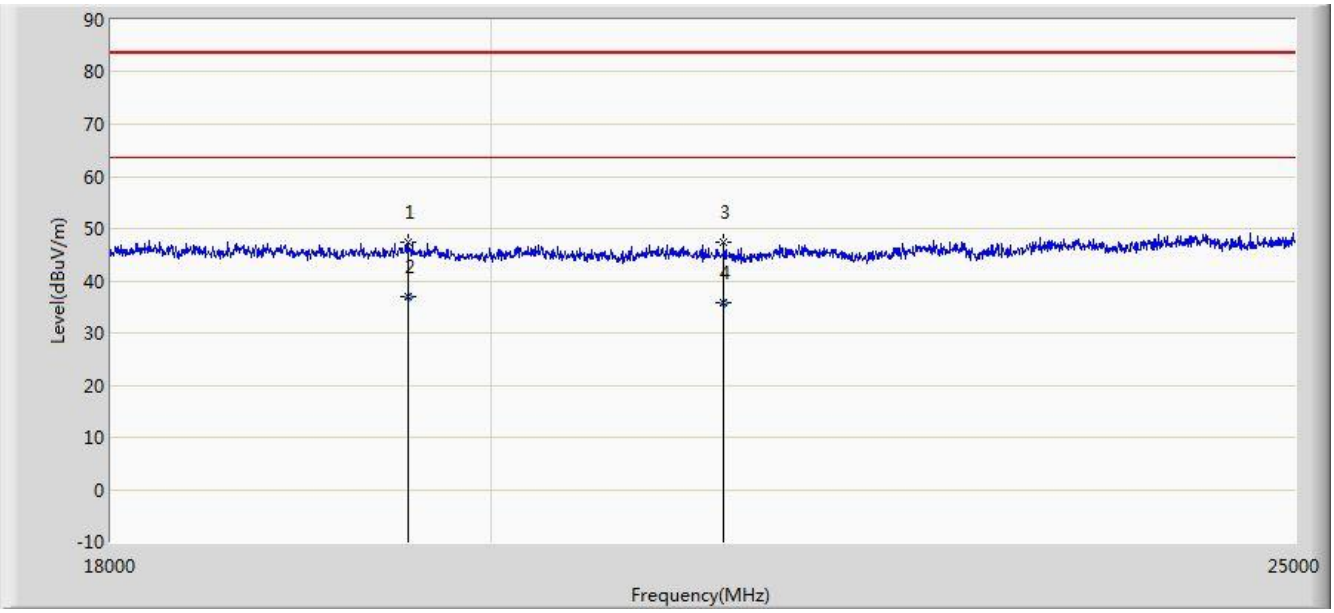


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			19295.000	52.928	44.591	-30.572	83.500	8.338	PK
2		*	19295.120	43.621	35.284	-19.879	63.500	8.338	AV
3			22501.000	49.358	41.203	-34.142	83.500	8.155	PK
4			22501.204	40.349	32.192	-23.151	63.500	8.157	AV

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

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

Site: AC1	Time: 2016/12/11 - 17:42
Limit: FCC_Part15.407_RE(1m)	Engineer: Jone Zhang
Probe: BBHA9170_18-40GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Note: There is the worst data within frequency range 18~25GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			19547.000	47.428	39.323	-36.072	83.500	8.104	PK
2		*	19547.102	37.095	28.991	-26.405	63.500	8.104	AV
3			21339.000	47.440	39.782	-36.060	83.500	7.657	PK
4			21339.192	35.692	28.034	-27.808	63.500	7.657	AV

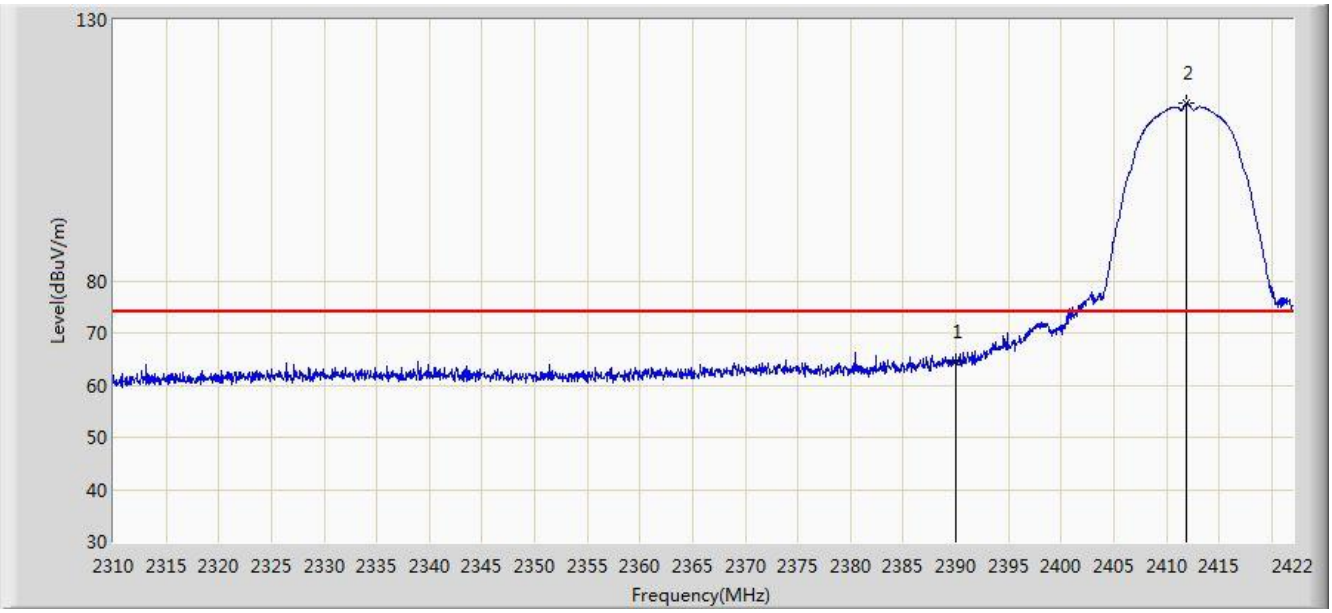
Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

7.7. Radiated Restricted Band Edge Measurement

7.7.1. Test Result

Site: AC1	Time: 2016/12/02 - 11:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz, Ant 0	

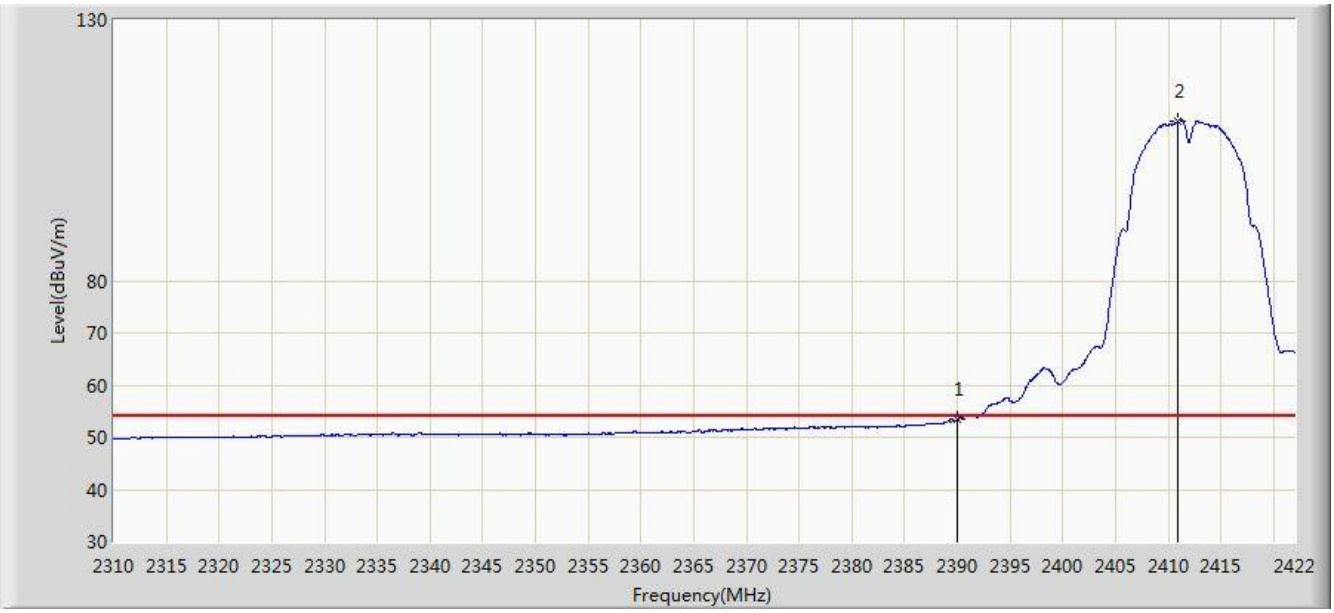


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	64.627	32.349	-9.373	74.000	32.278	PK
2		*	2411.920	113.952	81.712	N/A	N/A	32.240	PK

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

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

Site: AC1	Time: 2016/12/02 - 11:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz, Ant 0	

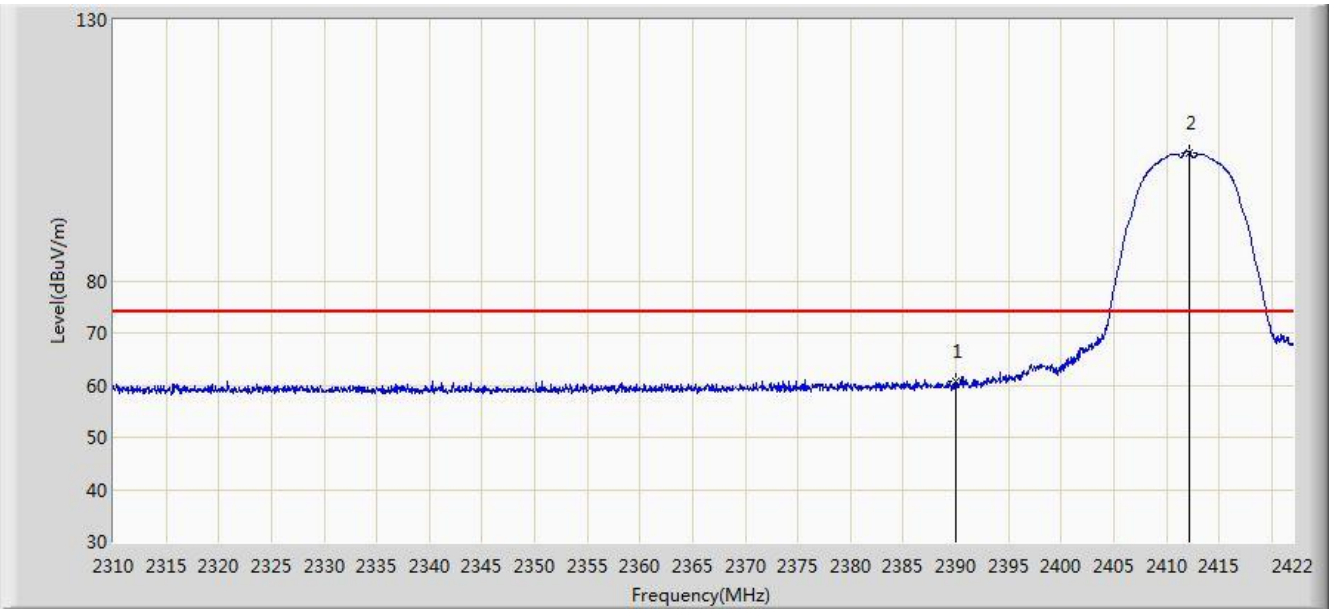


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2390.000	53.425	21.147	-0.575	54.000	32.278	AV
2		*	2410.968	110.605	83.052	N/A	N/A	27.553	AV

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

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

Site: AC1	Time: 2016/12/02 - 11:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz, Ant 0	

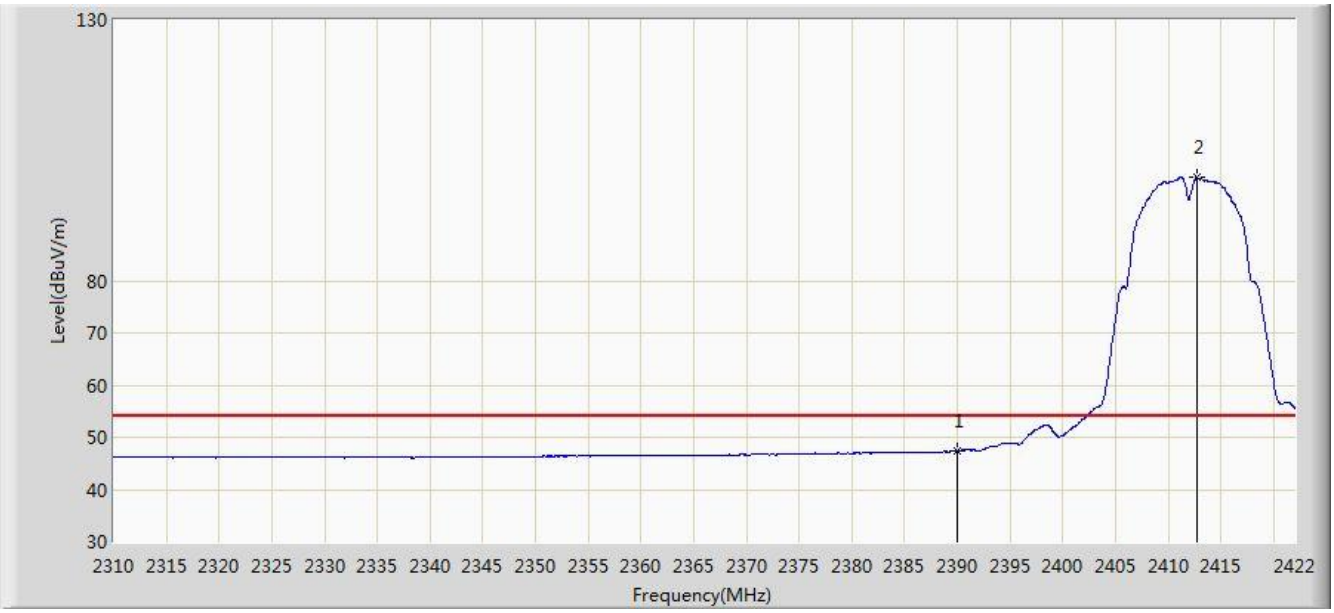


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	60.594	28.316	-13.406	74.000	32.278	PK
2		*	2412.200	104.635	72.396	N/A	N/A	32.238	PK

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

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

Site: AC1	Time: 2016/12/02 - 11:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2412MHz, Ant 0	

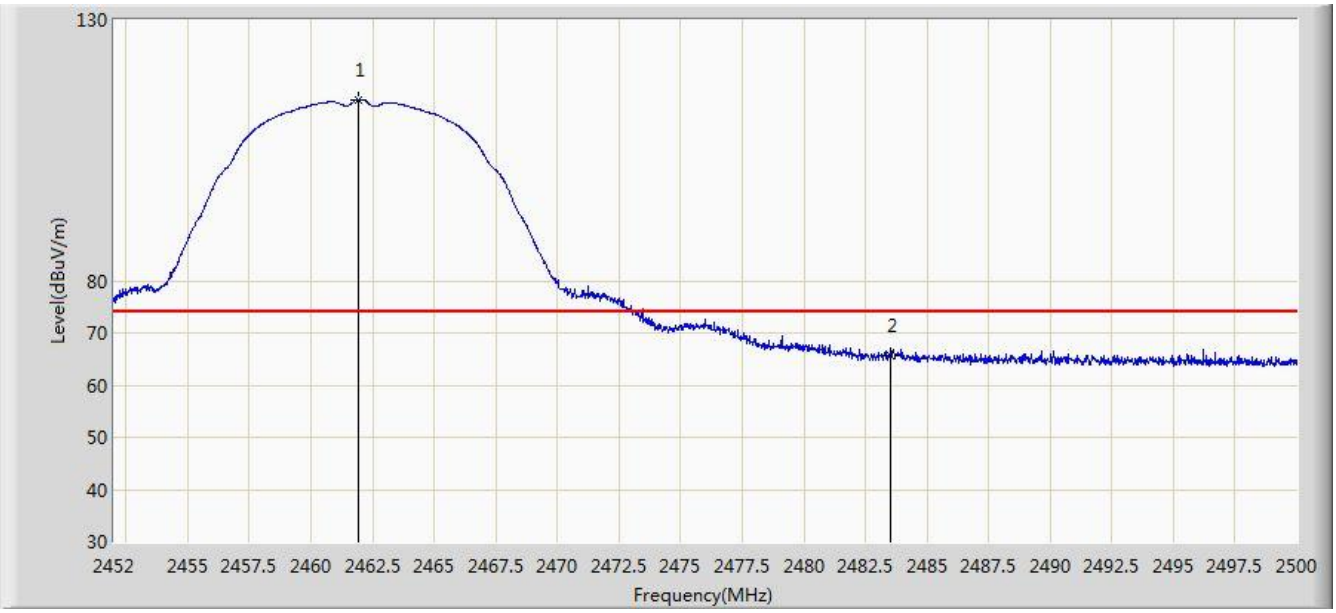


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.378	15.100	-6.622	54.000	32.278	AV
2		*	2412.704	99.769	67.532	N/A	N/A	32.237	AV

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

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

Site: AC1	Time: 2016/12/02 - 11:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz, Ant 0	

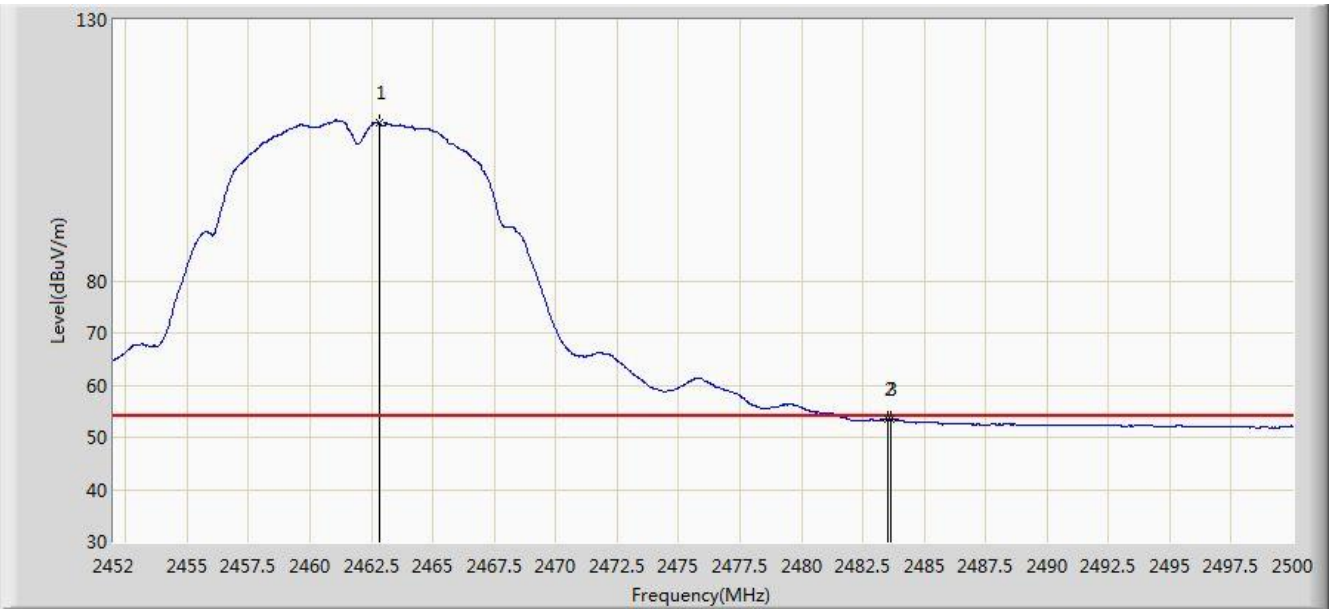


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.912	114.739	82.501	N/A	N/A	32.238	PK
2			2483.500	65.776	33.495	-8.224	74.000	32.282	PK

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

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

Site: AC1	Time: 2016/12/02 - 11:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz, Ant 0	

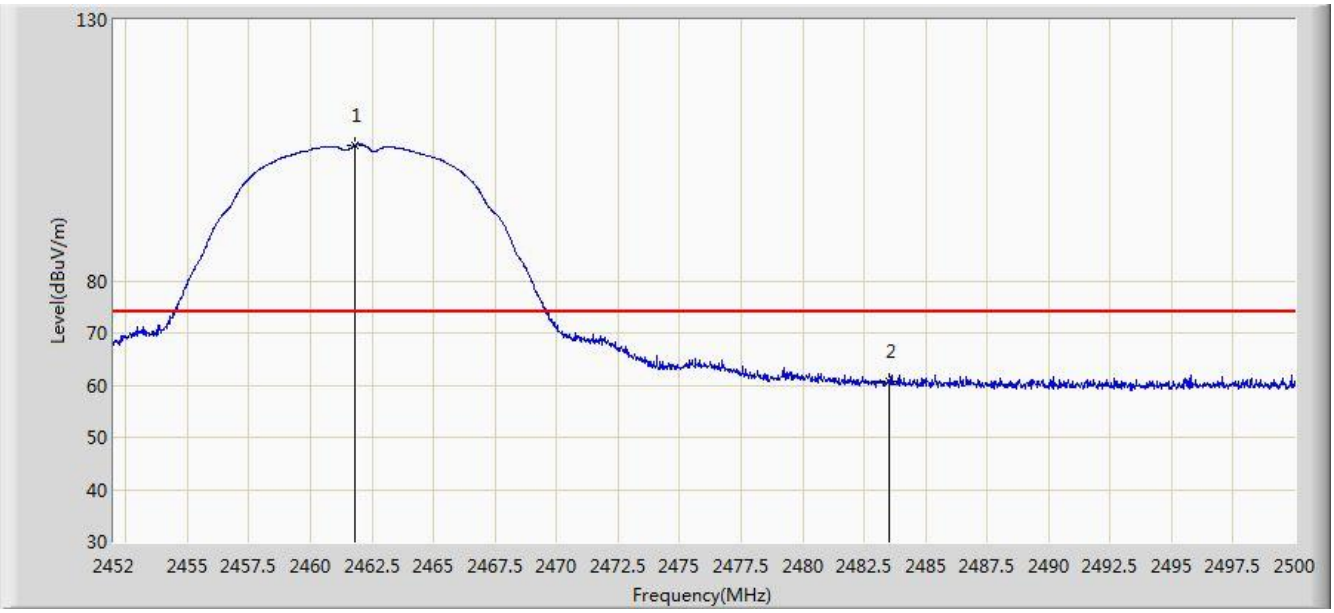


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	X	*	2462.800	110.361	78.122	N/A	N/A	32.239	AV
2			2483.500	53.405	21.124	-0.595	54.000	32.282	AV
3			2483.656	53.513	21.231	-0.487	54.000	32.282	AV

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

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

Site: AC1	Time: 2016/12/02 - 11:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz, Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.792	105.934	73.697	N/A	N/A	32.237	PK
2			2483.500	60.600	28.319	-13.400	74.000	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: 2016/12/02 - 11:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11b at Channel 2462MHz, Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.312	102.320	70.085	N/A	N/A	32.235	AV
2			2483.500	48.046	15.765	-5.954	54.000	32.282	AV

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

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

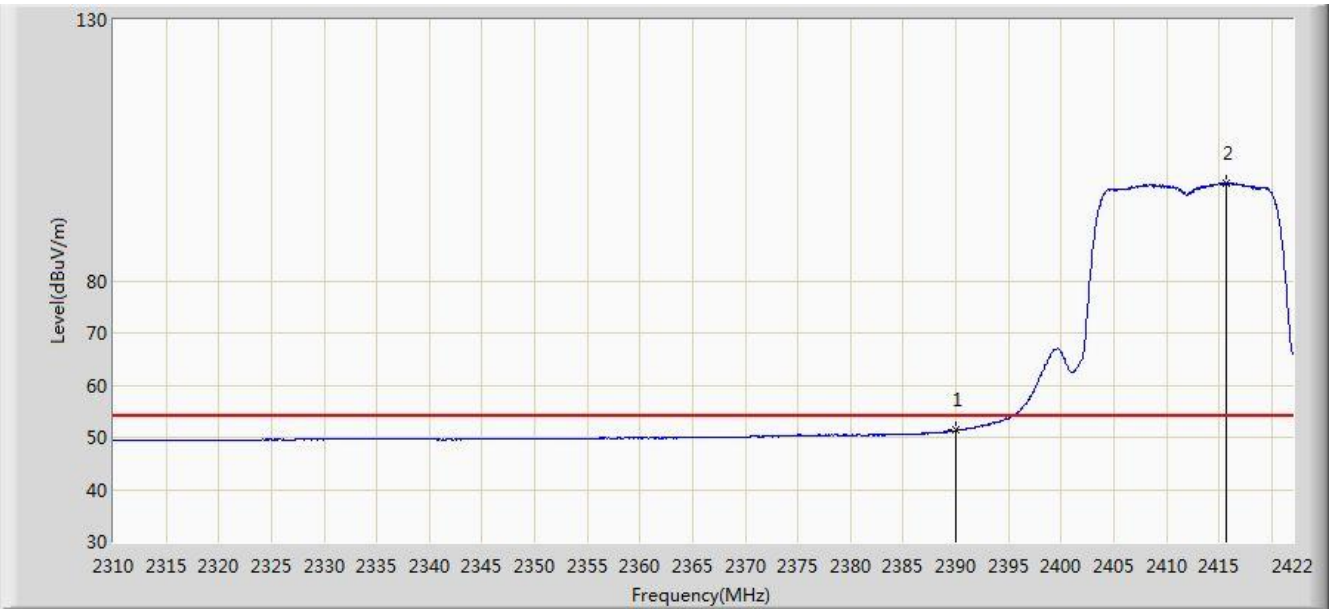
Site: AC1	Time: 2016/12/02 - 13:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz, Ant 0	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.744	73.589	41.312	-0.411	74.000	32.276	PK
2			2390.000	71.857	39.579	-2.143	74.000	32.278	PK
3		*	2415.000	112.326	80.099	N/A	N/A	32.227	PK

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

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

Site: AC1	Time: 2016/12/02 - 13:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz, Ant 0	

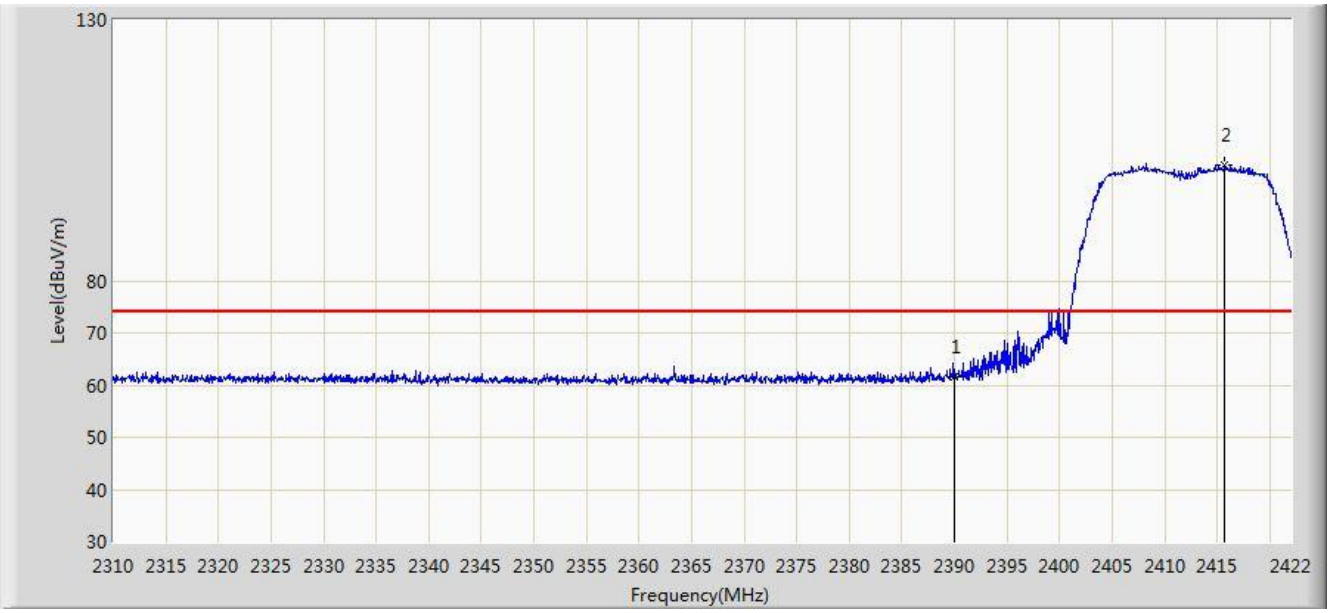


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.333	19.055	-2.667	54.000	32.278	AV
2		*	2415.616	98.833	66.608	N/A	N/A	32.224	AV

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

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

Site: AC1	Time: 2016/12/02 - 13:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz, Ant 0	

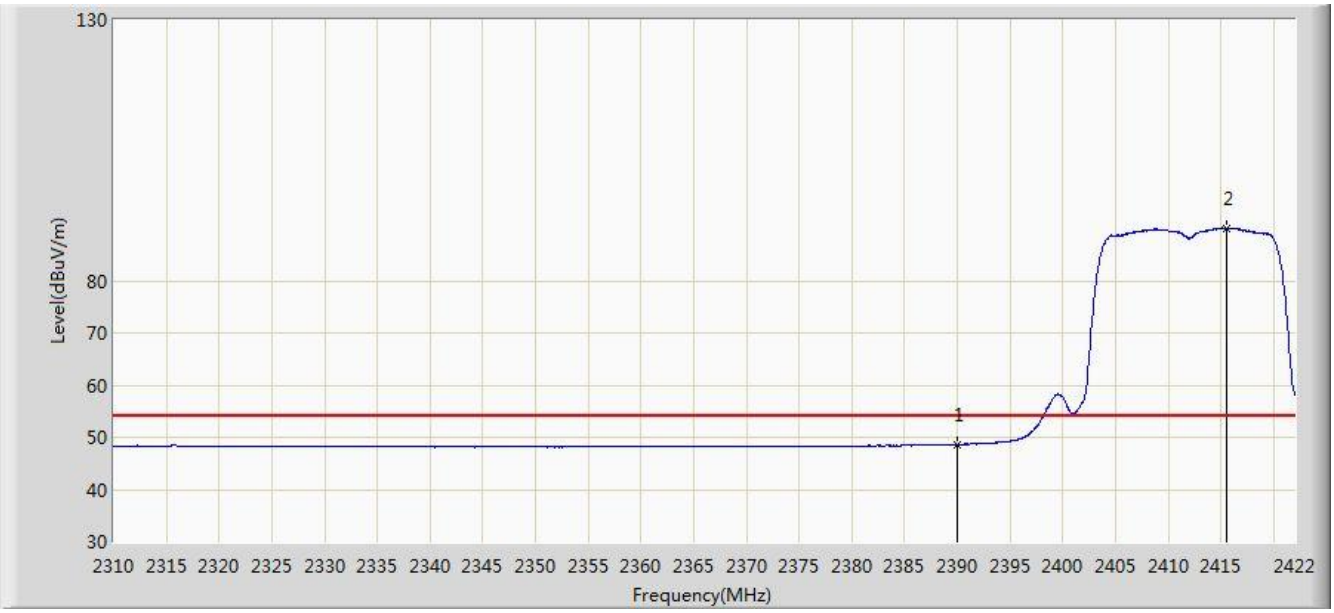


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	61.713	29.435	-12.287	74.000	32.278	PK
2		*	2415.728	102.239	70.015	N/A	N/A	32.224	PK

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

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

Site: AC1	Time: 2016/12/02 - 13:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz, Ant 0	

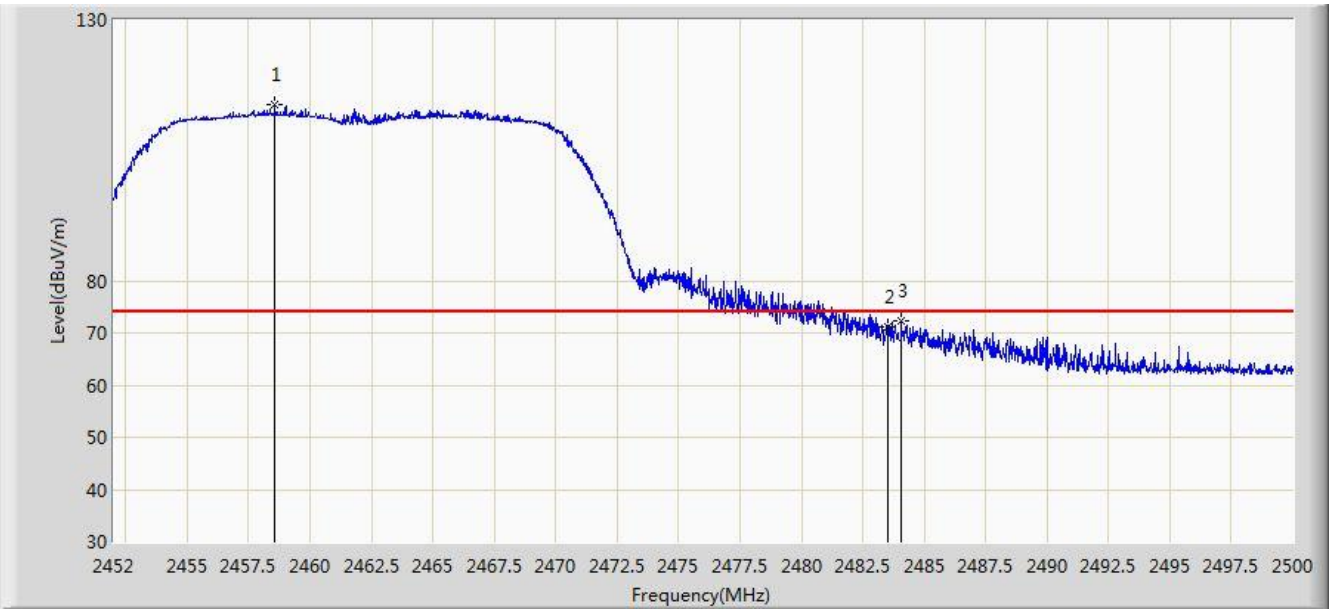


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.625	16.347	-5.375	54.000	32.278	AV
2		*	2415.560	90.121	57.896	N/A	N/A	32.224	AV

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

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

Site: AC1	Time: 2016/12/02 - 13:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz, Ant 0	

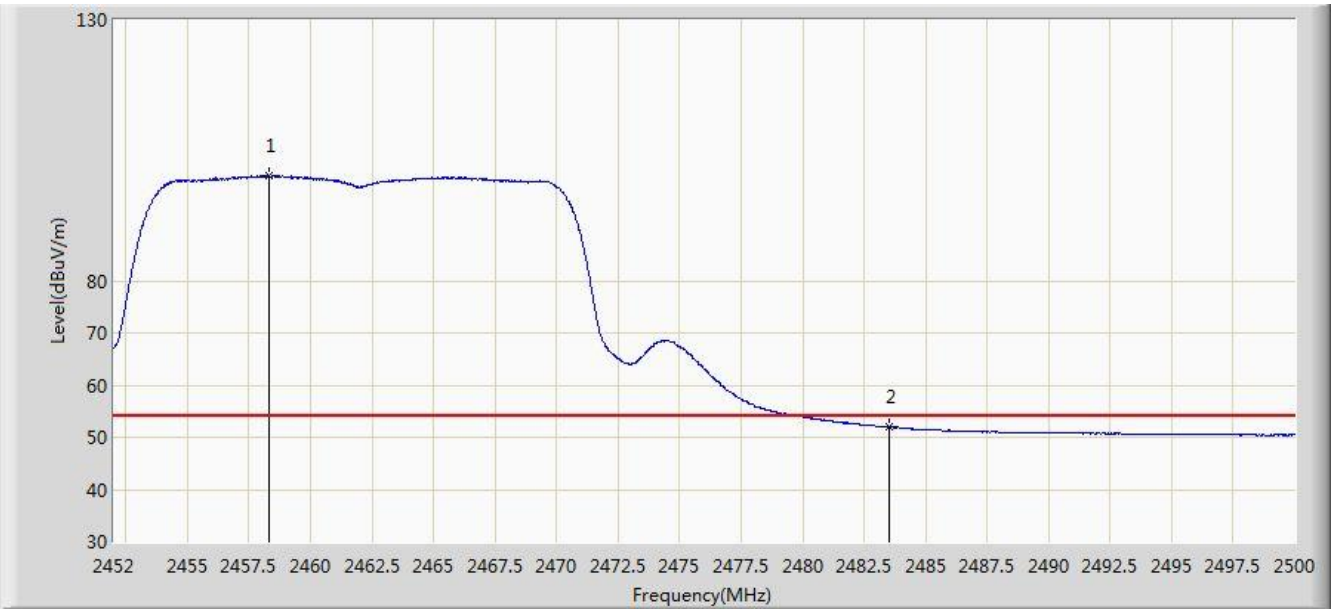


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.552	113.892	81.669	N/A	N/A	32.223	PK
2			2483.500	71.119	38.838	-2.881	74.000	32.282	PK
3			2484.064	72.423	40.140	-1.577	74.000	32.284	PK

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

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

Site: AC1	Time: 2016/12/02 - 13:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz, Ant 0	

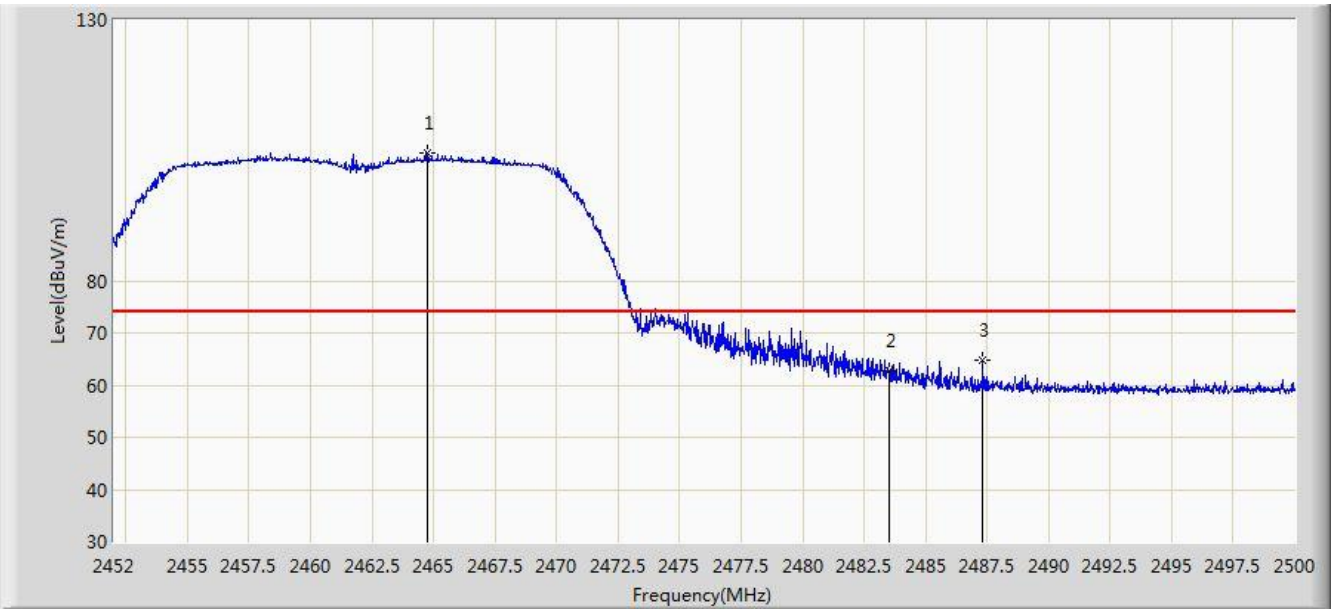


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.288	100.216	67.994	N/A	N/A	32.222	AV
2			2483.500	51.909	19.628	-2.091	54.000	32.282	AV

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

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

Site: AC1	Time: 2016/12/02 - 13:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz, Ant 0	

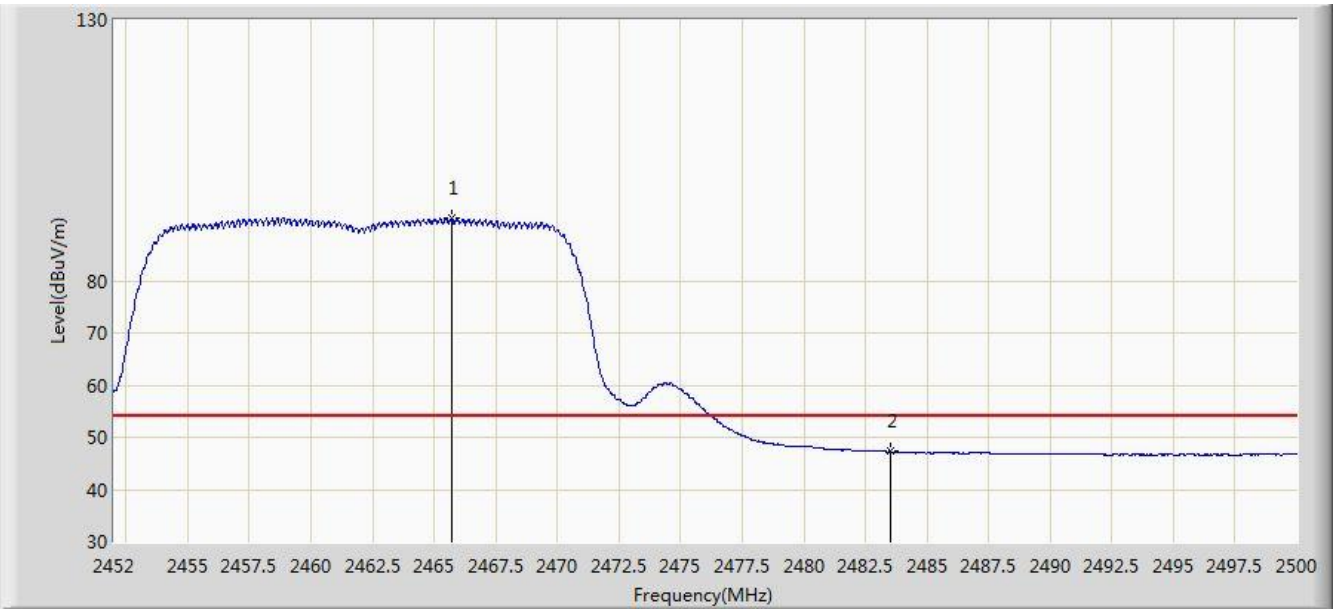


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2464.744	104.398	72.157	N/A	N/A	32.242	PK
2			2483.500	62.807	30.526	-11.193	74.000	32.282	PK
3			2487.304	64.884	32.590	-9.116	74.000	32.294	PK

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

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

Site: AC1	Time: 2016/12/02 - 13:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz, Ant 0	

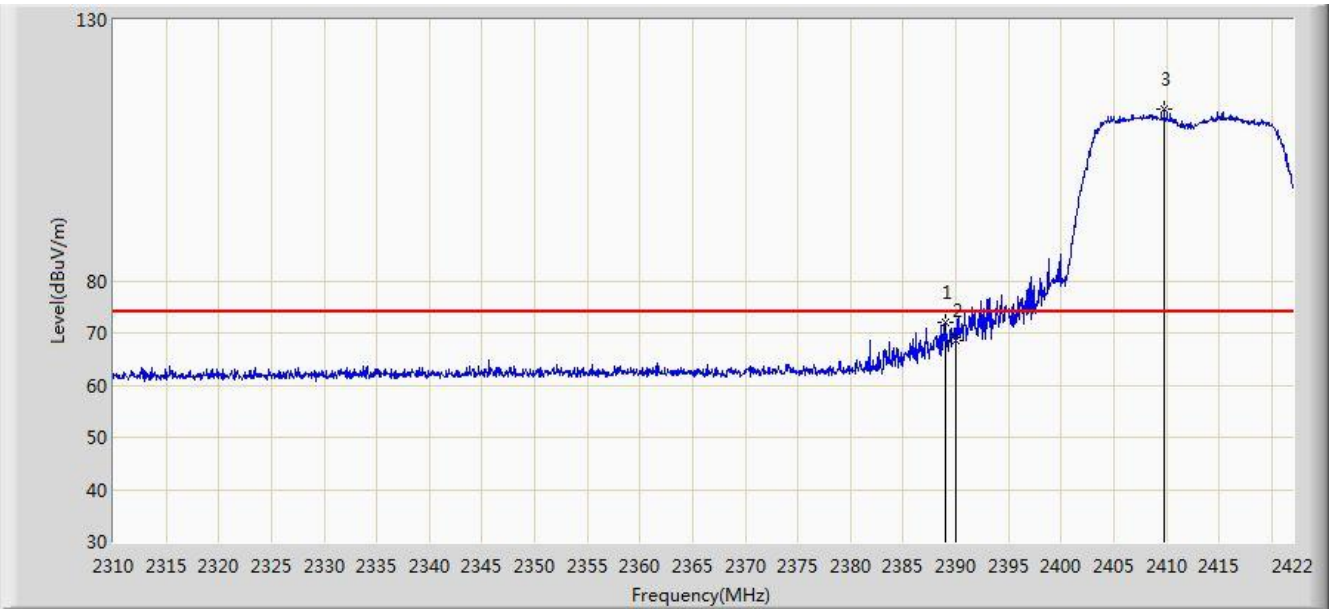


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2465.704	91.979	59.736	N/A	N/A	32.242	AV
2			2483.500	47.280	14.999	-6.720	54.000	32.282	AV

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

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

Site: AC1	Time: 2016/12/02 - 13:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant 0	

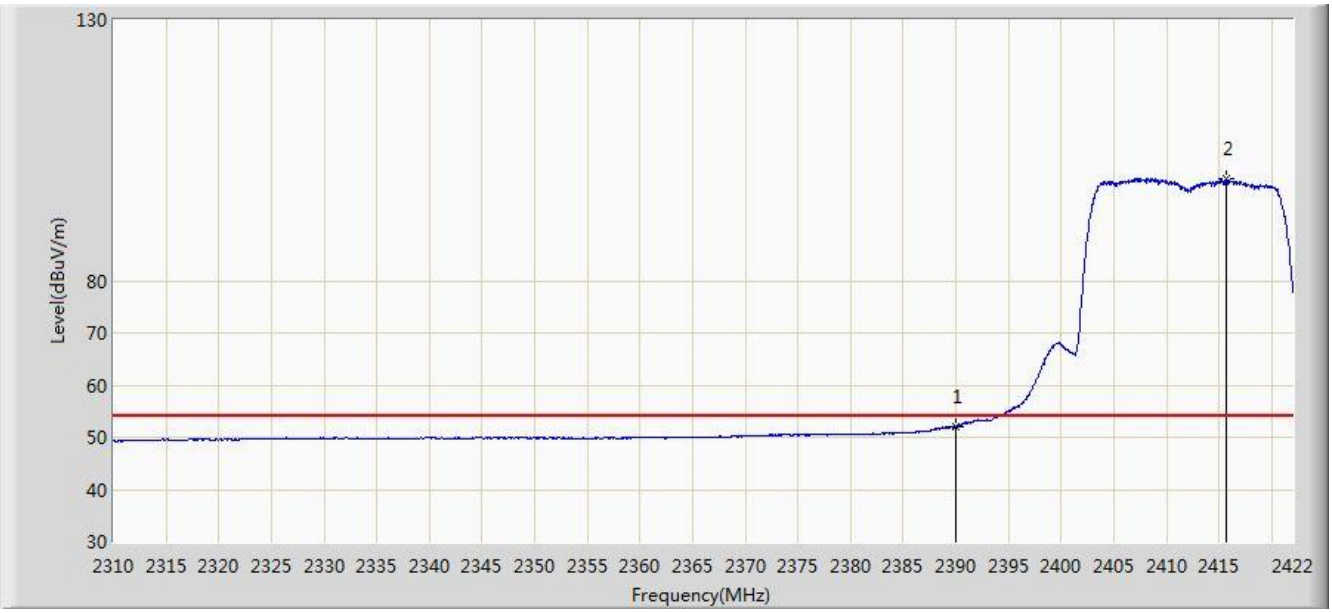


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.072	72.150	39.877	-1.850	74.000	32.273	PK
2			2390.000	68.558	36.280	-5.442	74.000	32.278	PK
3		*	2409.792	112.768	80.520	N/A	N/A	32.248	PK

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

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

Site: AC1	Time: 2016/12/02 - 13:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant 0	

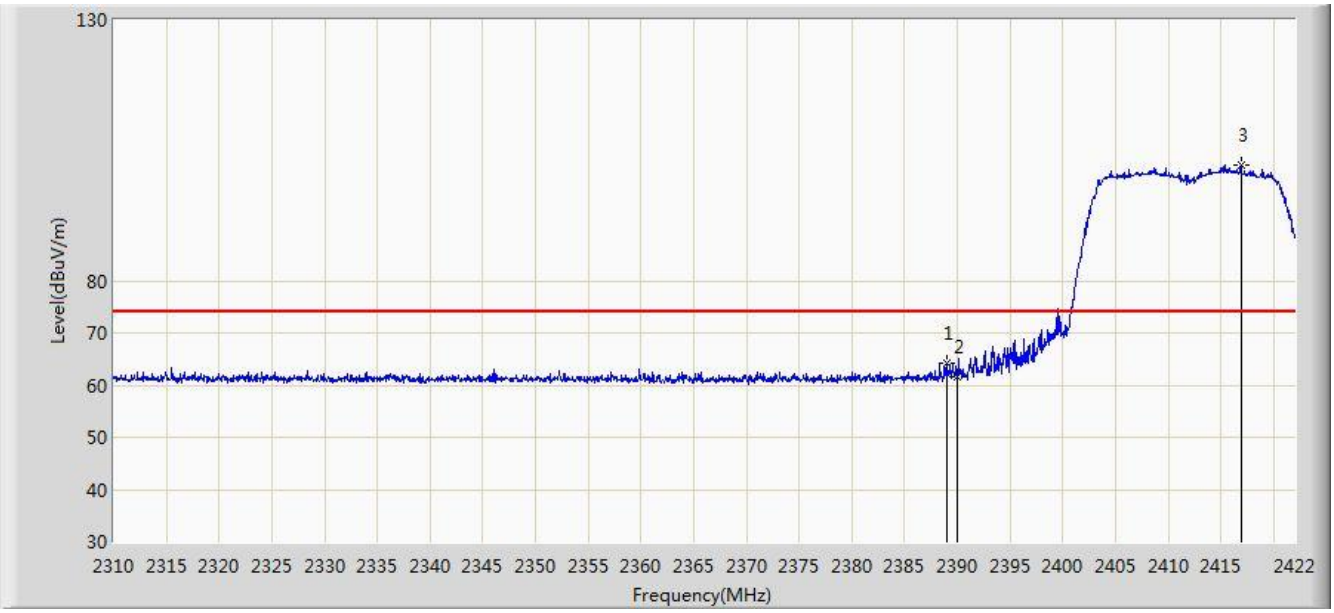


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.077	19.799	-1.923	54.000	32.278	AV
2		*	2415.728	99.436	67.212	N/A	N/A	32.224	AV

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

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

Site: AC1	Time: 2016/12/02 - 13:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant 0	

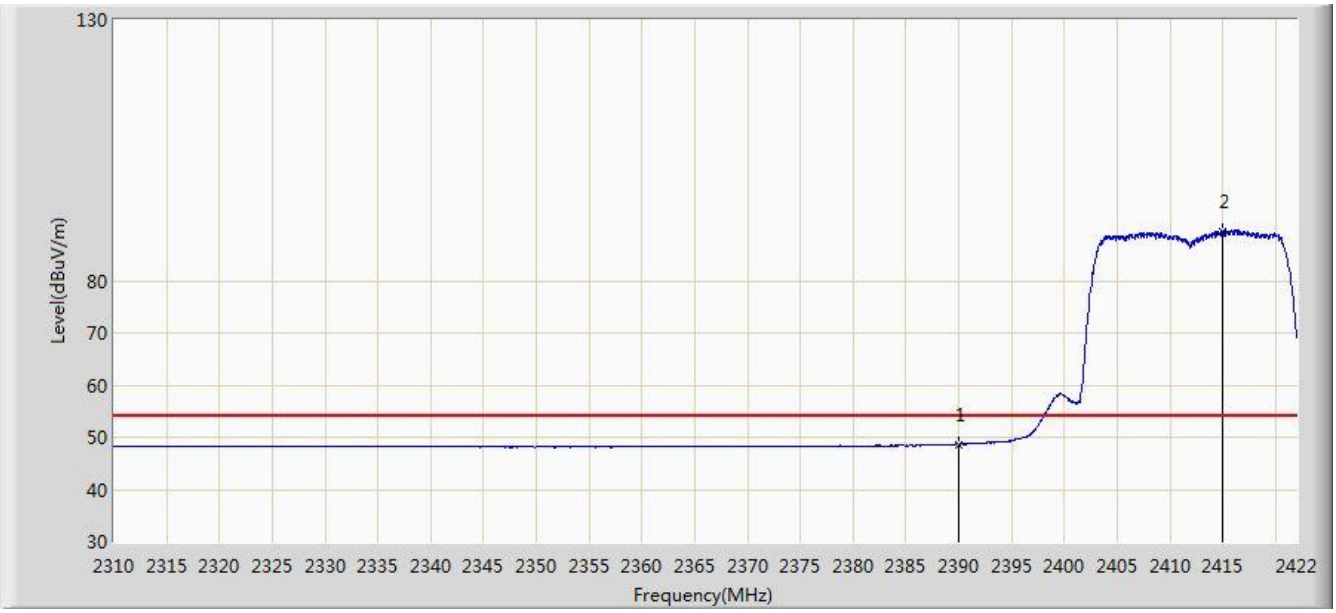


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.072	64.253	31.980	-9.747	74.000	32.273	PK
2			2390.000	61.606	29.328	-12.394	74.000	32.278	PK
3		*	2416.904	102.231	70.012	N/A	N/A	32.219	PK

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

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

Site: AC1	Time: 2016/12/02 - 14:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant 0	

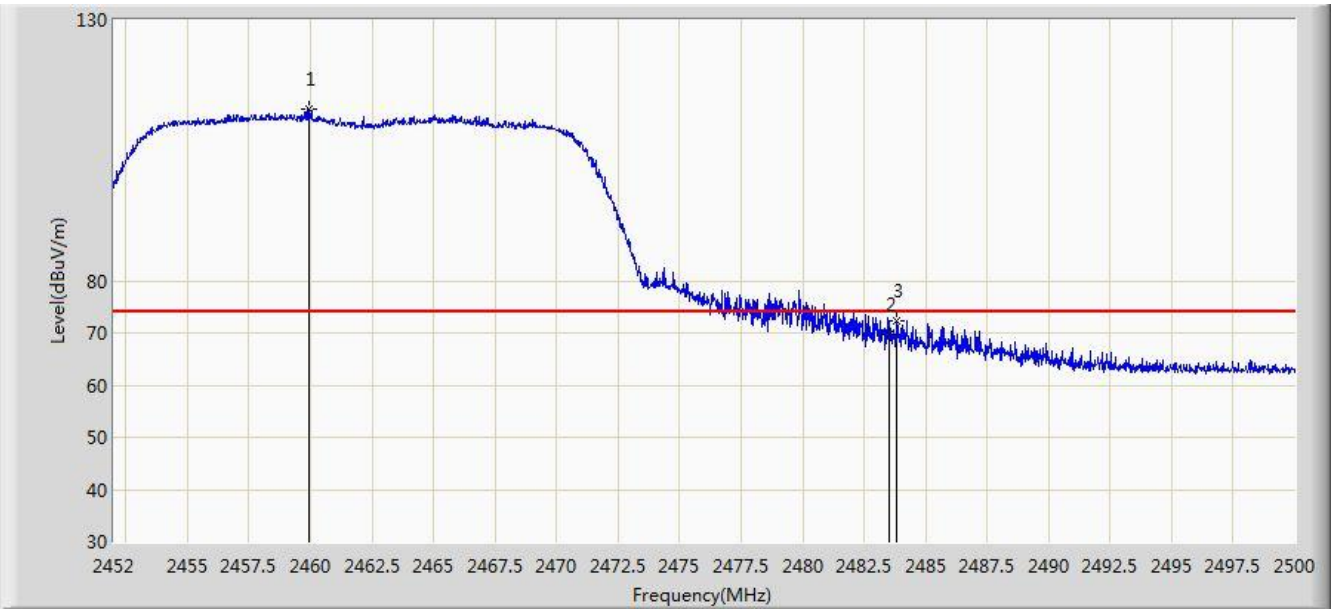


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.679	16.401	-5.321	54.000	32.278	AV
2		*	2415.000	89.475	57.248	N/A	N/A	32.227	AV

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

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

Site: AC1	Time: 2016/12/02 - 14:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz, Ant 0	

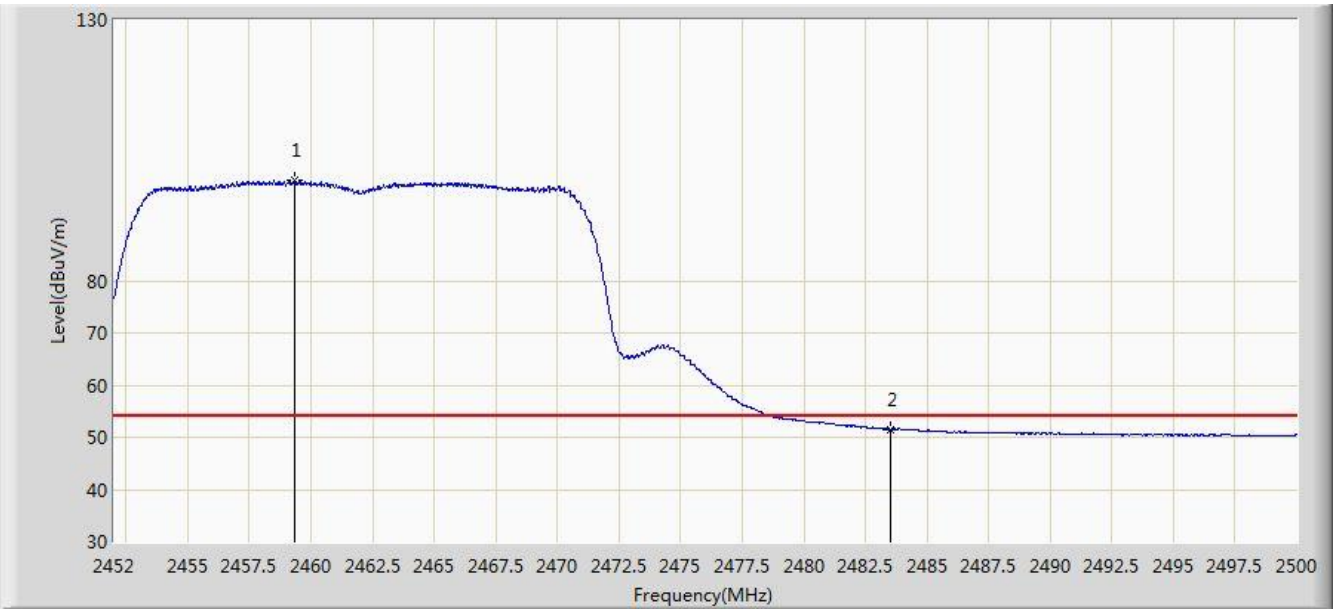


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.968	112.990	80.761	N/A	N/A	32.230	PK
2			2483.500	69.778	37.497	-4.222	74.000	32.282	PK
3			2483.800	72.375	40.093	-1.625	74.000	32.282	PK

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

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

Site: AC1	Time: 2016/12/02 - 14:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz, Ant 0	

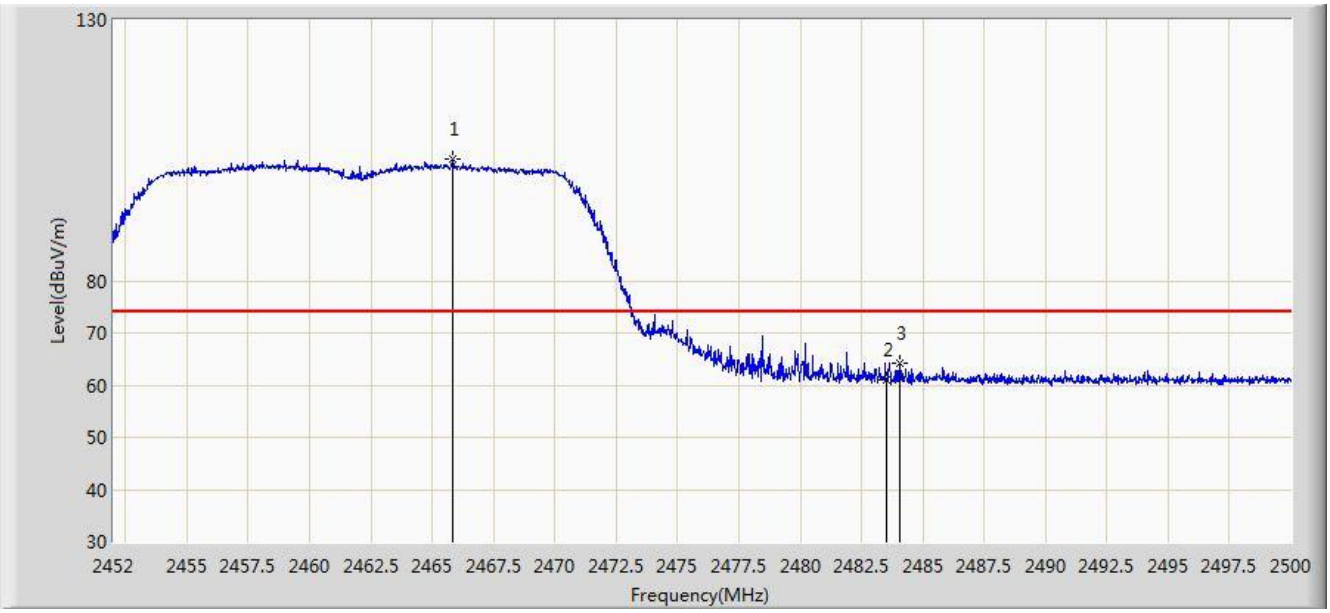


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.368	99.133	66.906	N/A	N/A	32.227	AV
2			2483.500	51.493	19.212	-2.507	54.000	32.282	AV

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

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

Site: AC1	Time: 2016/12/02 - 14:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz, Ant 0	

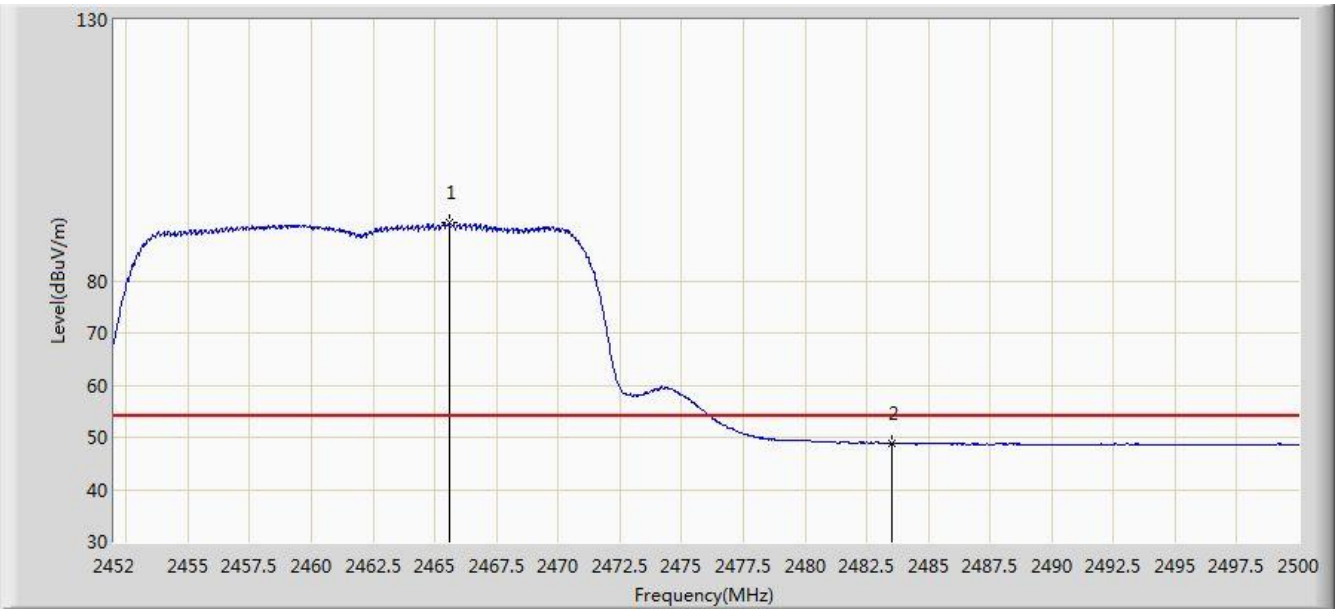


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2465.824	103.236	70.993	N/A	N/A	32.243	PK
2			2483.500	60.960	28.679	-13.040	74.000	32.282	PK
3			2484.040	64.280	31.997	-9.720	74.000	32.283	PK

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

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

Site: AC1	Time: 2016/12/02 - 14:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz, Ant 0	

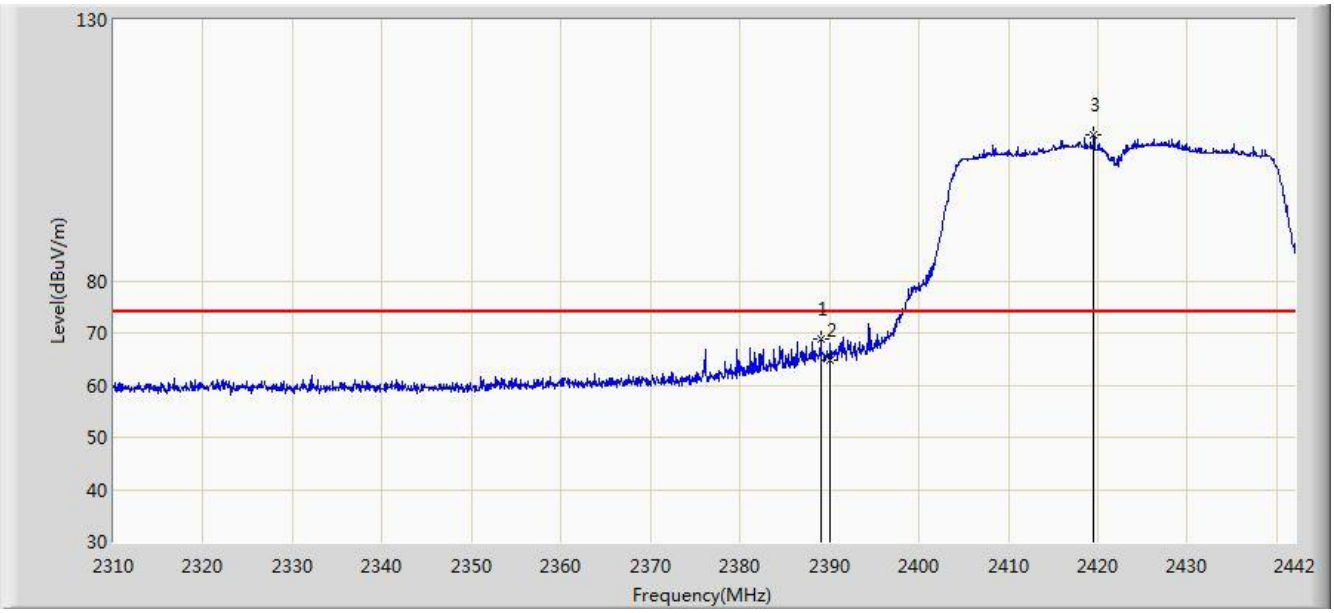


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2465.584	91.017	58.774	N/A	N/A	32.242	AV
2			2483.500	48.853	16.572	-5.147	54.000	32.282	AV

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

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

Site: AC1	Time: 2016/12/02 - 14:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz, Ant 0	

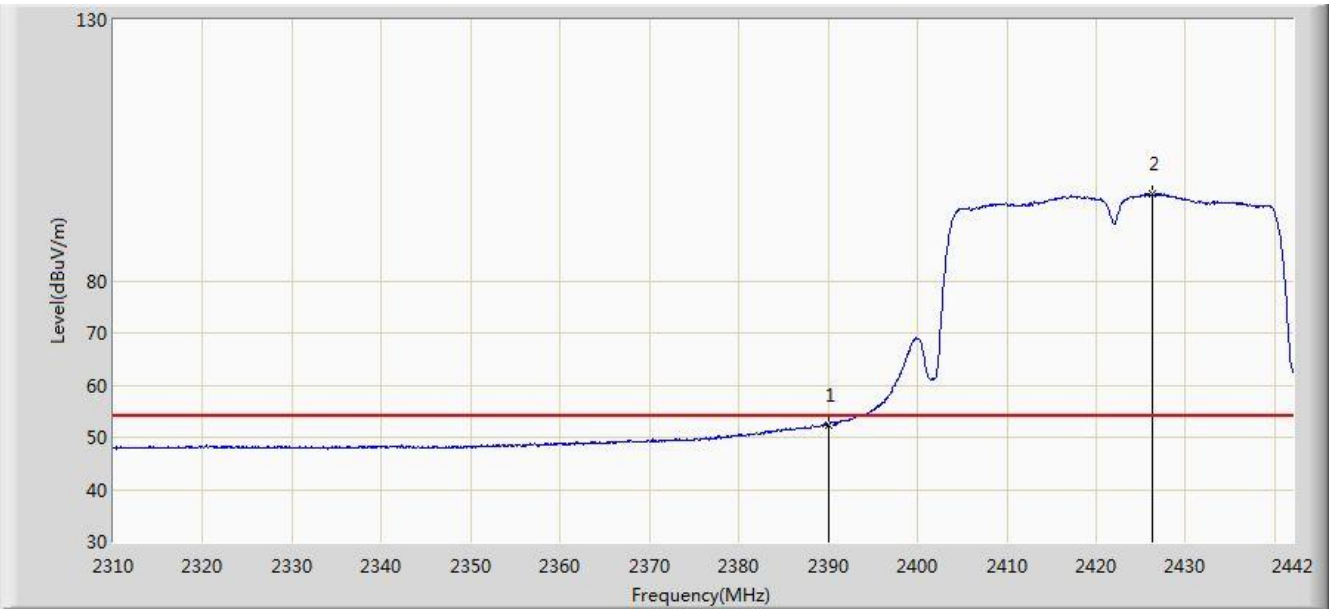


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.002	68.722	36.449	-5.278	74.000	32.272	PK
2			2390.000	64.863	32.585	-9.137	74.000	32.278	PK
3		*	2419.494	107.935	75.726	N/A	N/A	32.208	PK

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

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

Site: AC1	Time: 2016/12/02 - 14:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz, Ant 0	

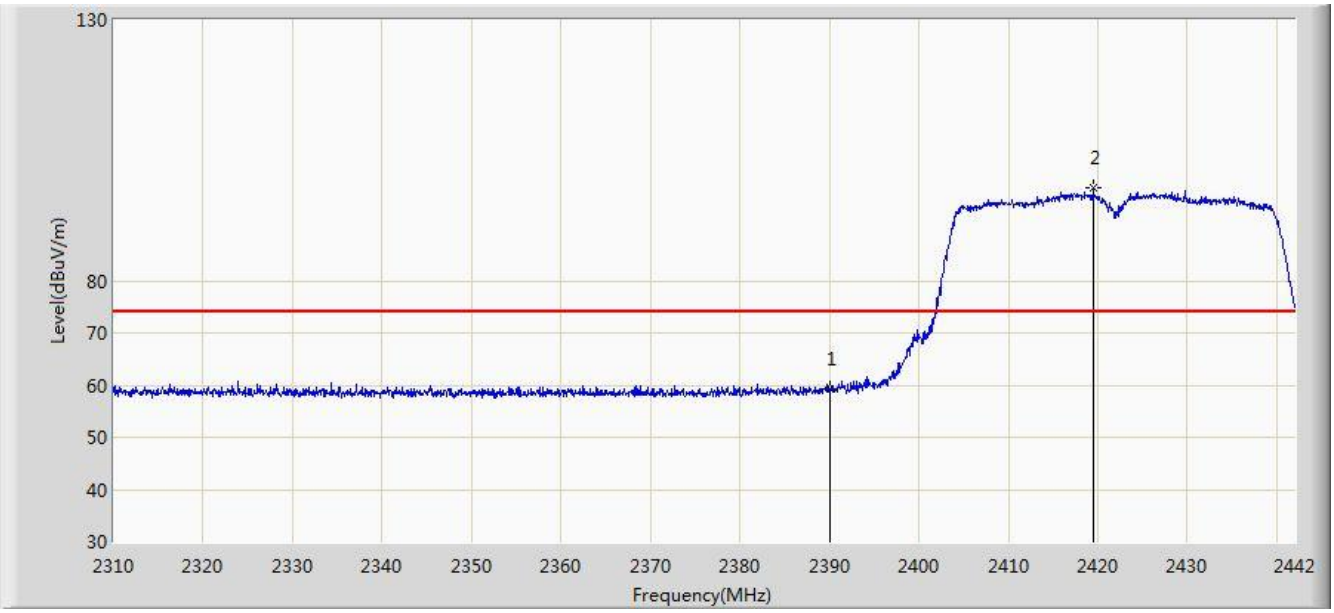


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.416	20.138	-1.584	54.000	32.278	AV
2		*	2426.292	96.559	64.379	N/A	N/A	32.180	AV

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

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

Site: AC1	Time: 2016/12/02 - 14:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz, Ant 0	

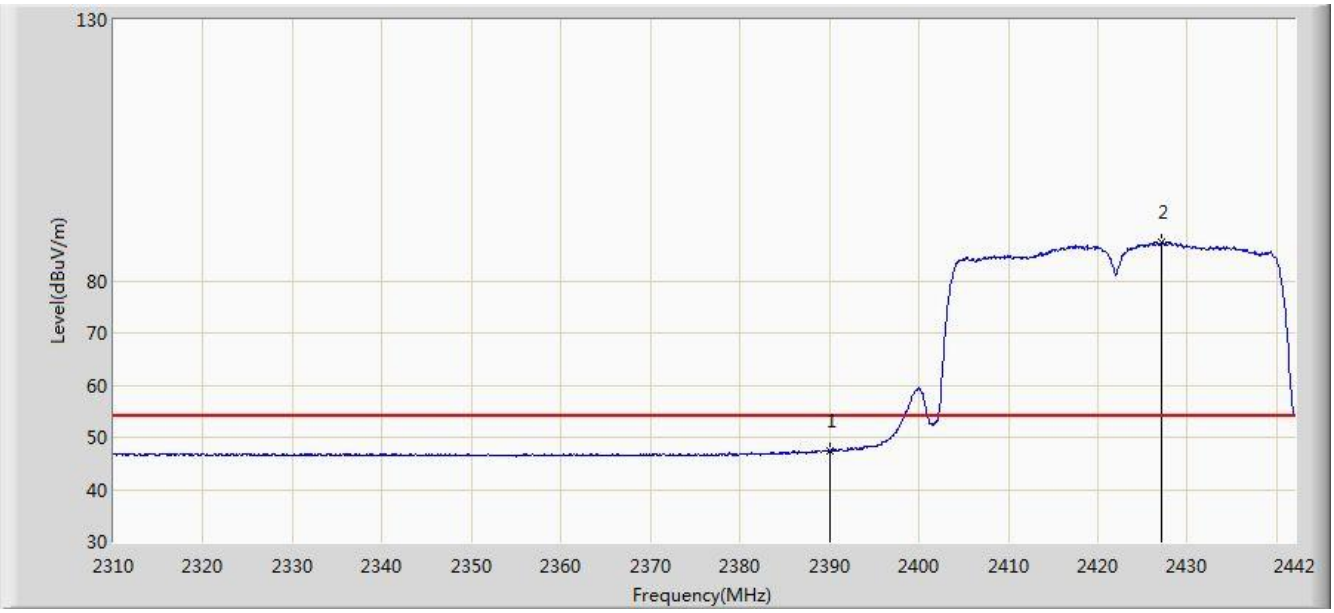


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	59.340	27.062	-14.660	74.000	32.278	PK
2		*	2419.494	97.849	65.640	N/A	N/A	32.208	PK

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

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

Site: AC1	Time: 2016/12/02 - 14:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz, Ant 0	

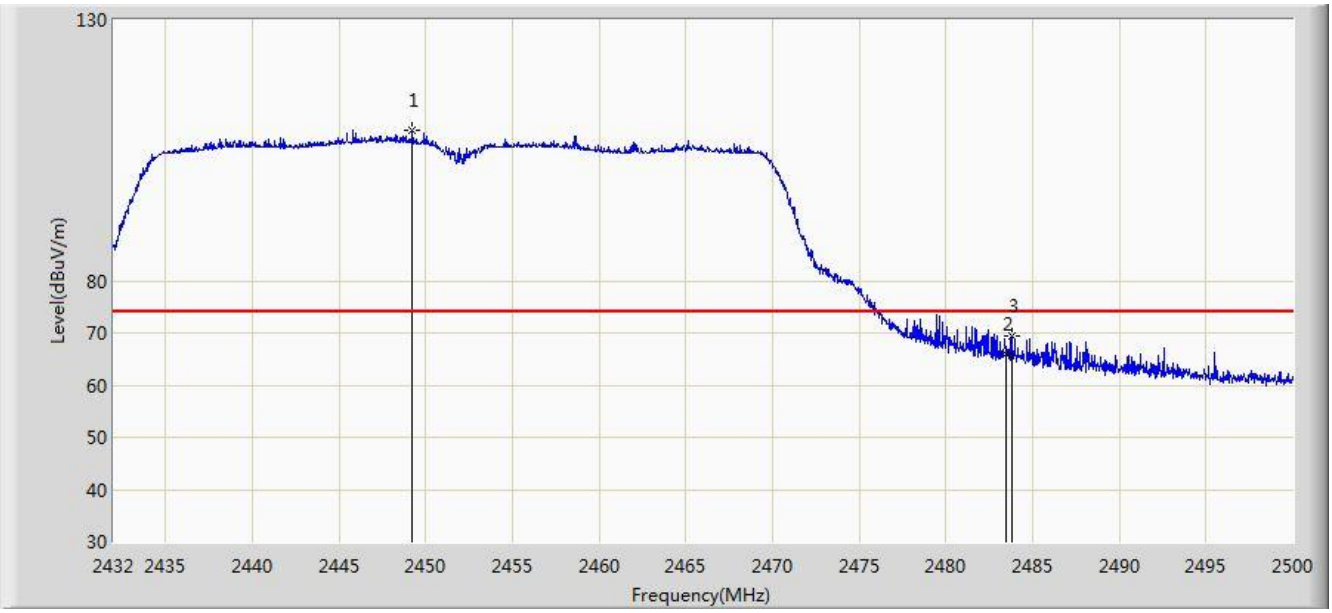


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.296	15.018	-6.704	54.000	32.278	AV
2		*	2427.150	87.317	55.140	N/A	N/A	32.177	AV

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

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

Site: AC1	Time: 2016/12/02 - 14:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz, Ant 0	

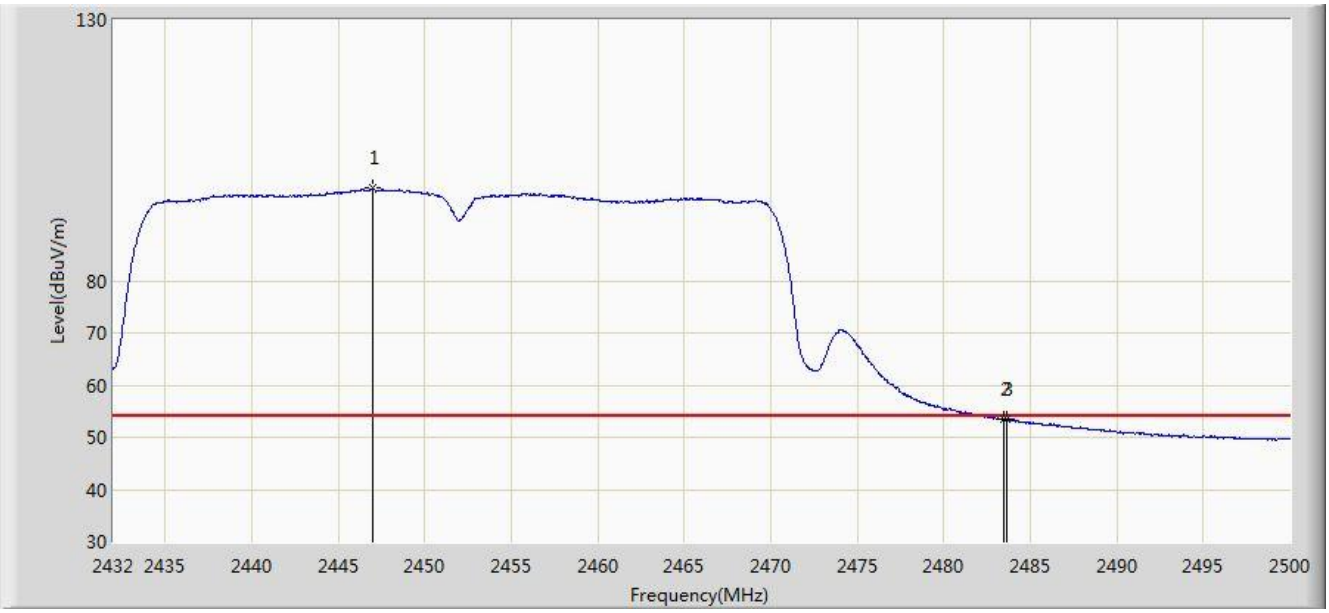


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2449.238	108.792	76.609	N/A	N/A	32.184	PK
2			2483.500	65.913	33.632	-8.087	74.000	32.282	PK
3			2483.782	69.474	37.192	-4.526	74.000	32.282	PK

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

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

Site: AC1	Time: 2016/12/02 - 14:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz, Ant 0	

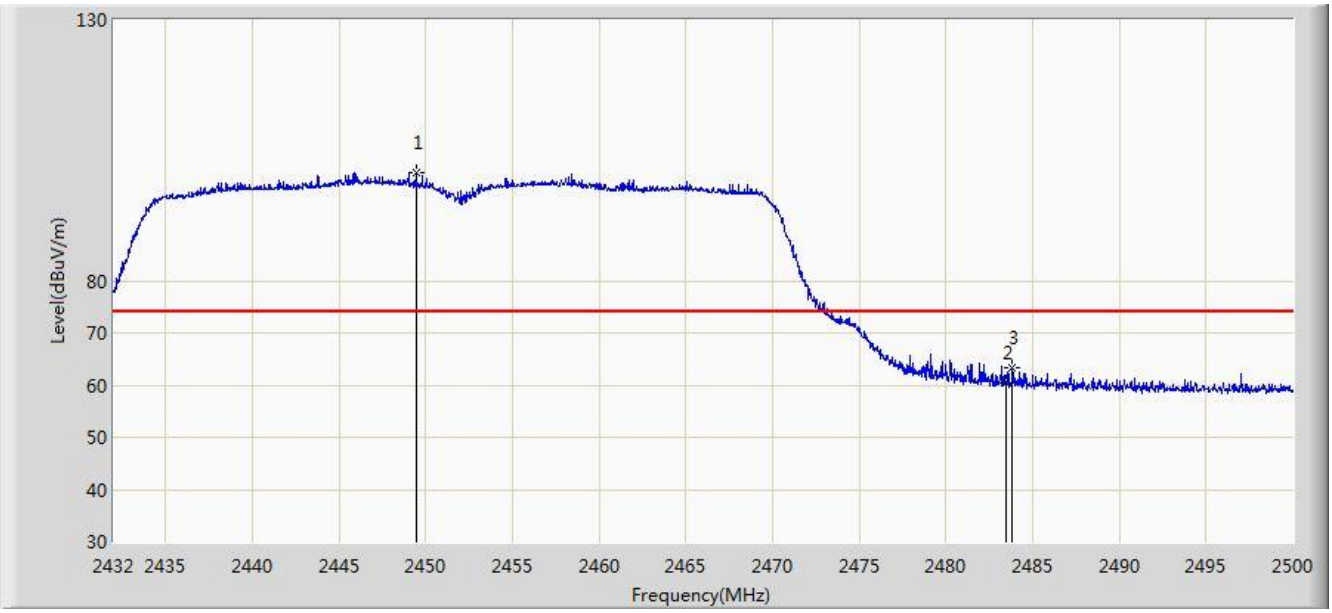


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2446.960	97.705	65.531	N/A	N/A	32.174	AV
2			2483.500	53.429	21.148	-0.571	54.000	32.282	AV
3			2483.680	53.512	21.230	-0.488	54.000	32.282	AV

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

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

Site: AC1	Time: 2016/12/02 - 14:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz, Ant 0	

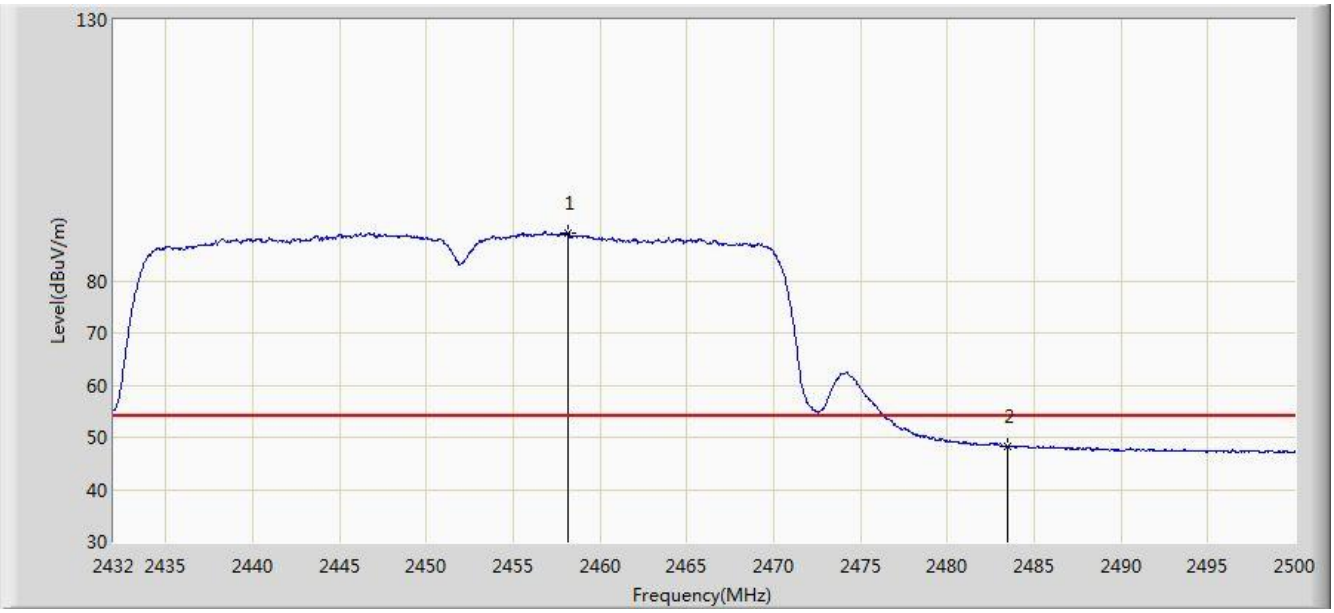


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2449.442	100.843	68.659	N/A	N/A	32.184	PK
2			2483.500	60.462	28.181	-13.538	74.000	32.282	PK
3			2483.850	63.231	30.949	-10.769	74.000	32.282	PK

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

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

Site: AC1	Time: 2016/12/02 - 14:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz, Ant 0	

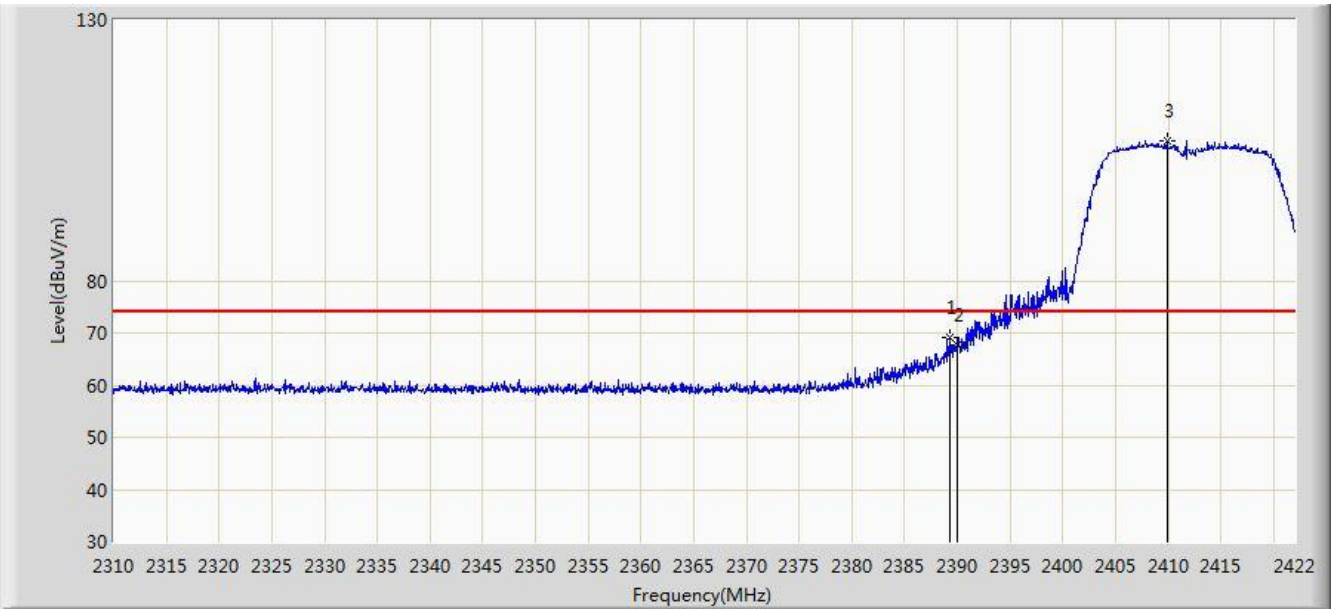


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.180	89.201	56.979	N/A	N/A	32.222	AV
2			2483.500	48.245	15.964	-5.755	54.000	32.282	AV

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

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

Site: AC1	Time: 2016/12/02 - 15:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz, Ant 1	

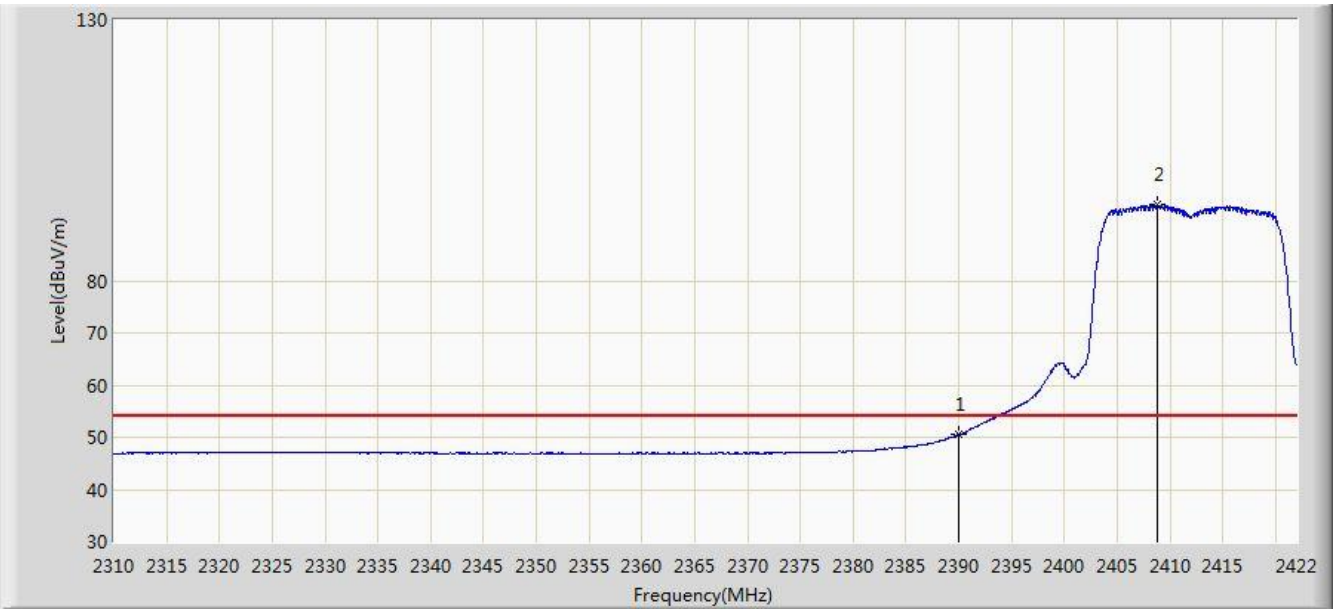


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.240	69.056	36.782	-4.944	74.000	32.274	PK
2			2390.000	67.664	35.386	-6.336	74.000	32.278	PK
3		*	2409.904	106.829	74.582	N/A	N/A	32.248	PK

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

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

Site: AC1	Time: 2016/12/02 - 15:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz, Ant 1	

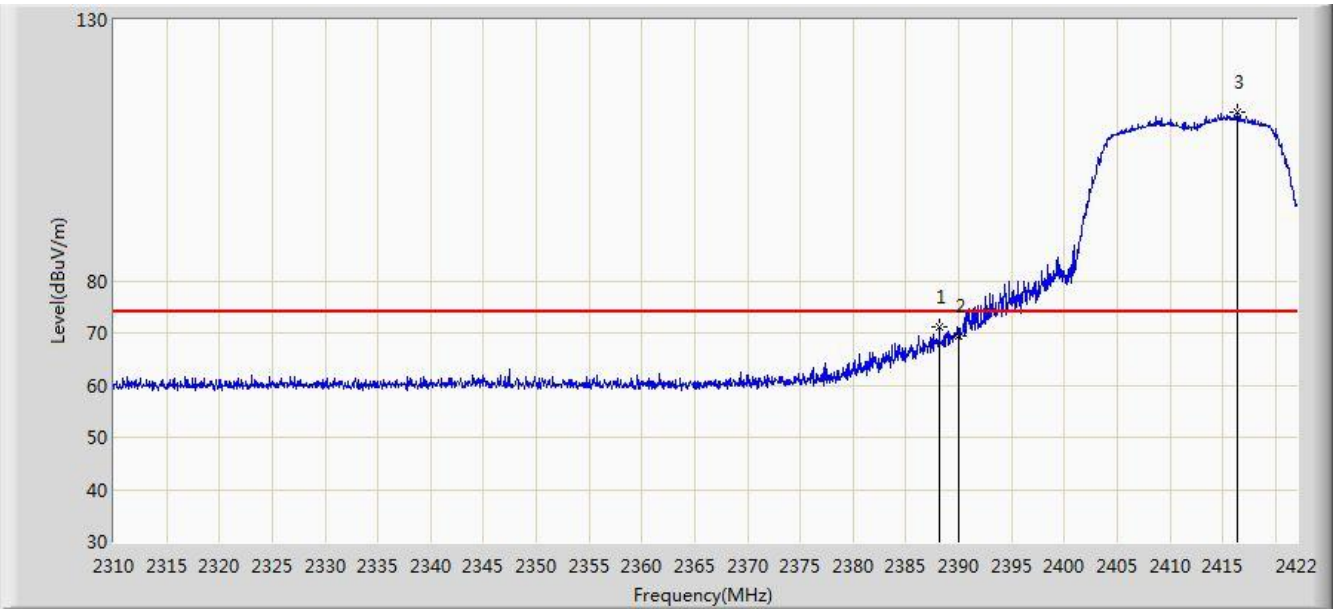


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.535	18.257	-3.465	54.000	32.278	AV
2		*	2408.840	94.559	62.308	N/A	N/A	32.251	AV

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

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

Site: AC1	Time: 2016/12/02 - 15:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz, Ant 1	

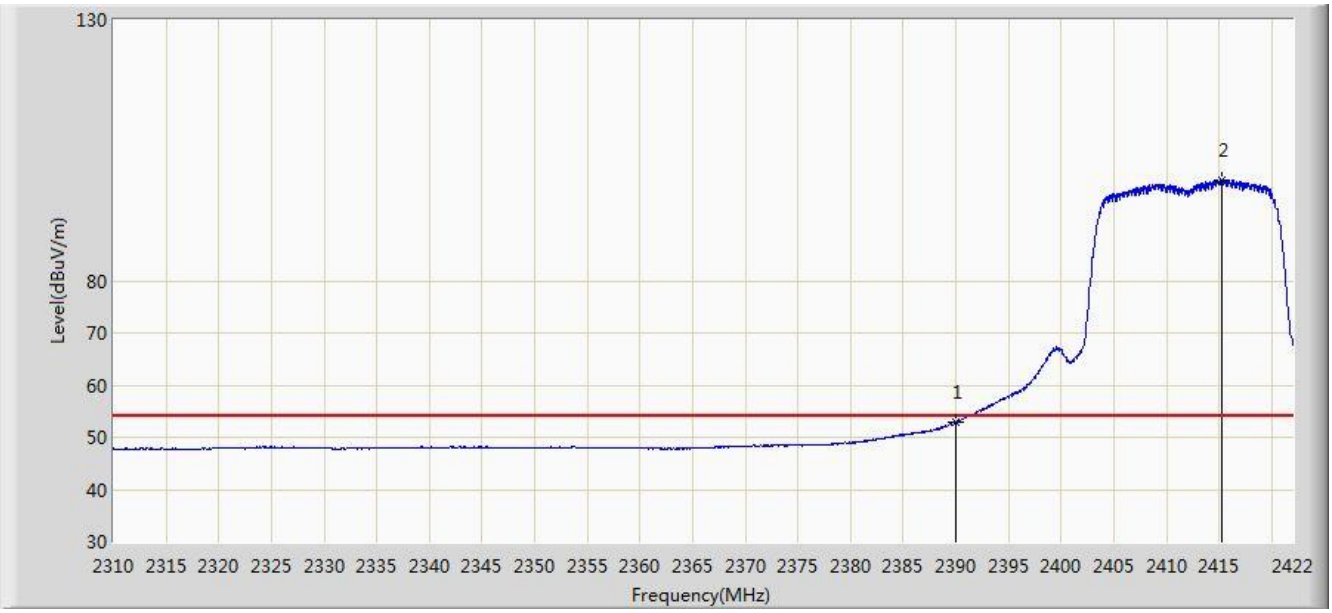


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.176	71.039	38.771	-2.961	74.000	32.268	PK
2			2390.000	69.457	37.179	-4.543	74.000	32.278	PK
3		*	2416.344	112.236	80.014	N/A	N/A	32.222	PK

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

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

Site: AC1	Time: 2016/12/02 - 15:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2412MHz, Ant 1	

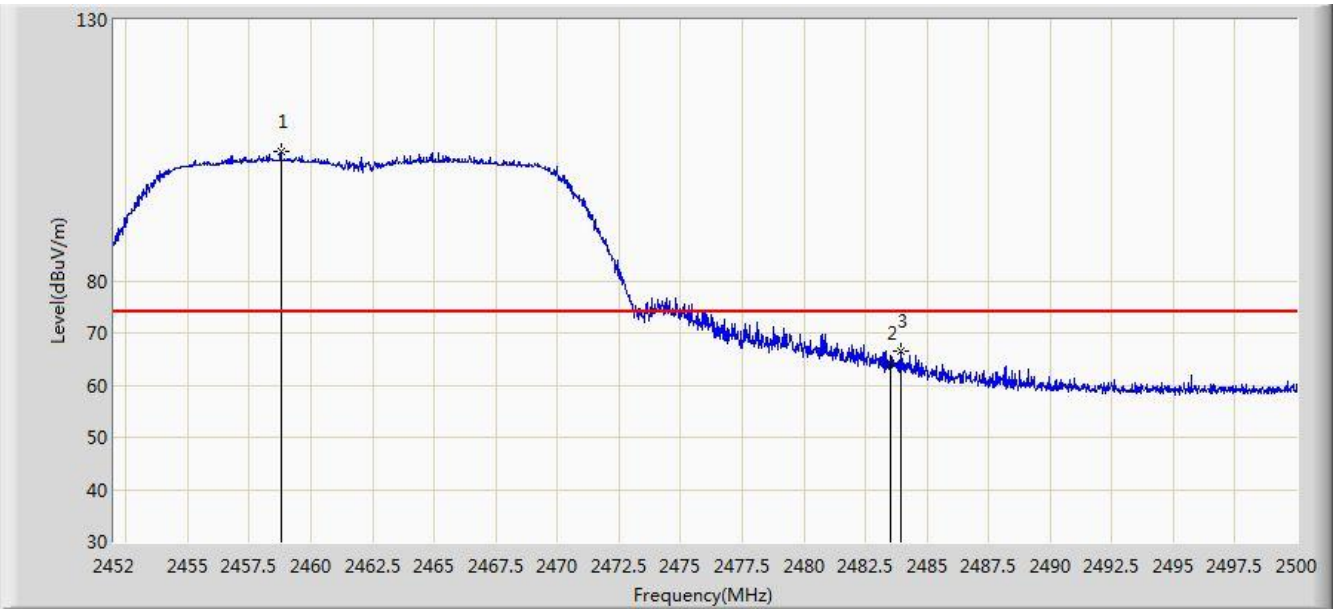


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.839	20.561	-1.161	54.000	32.278	AV
2		*	2415.280	99.329	67.103	N/A	N/A	32.226	AV

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

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

Site: AC1	Time: 2016/12/02 - 15:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz, Ant 1	

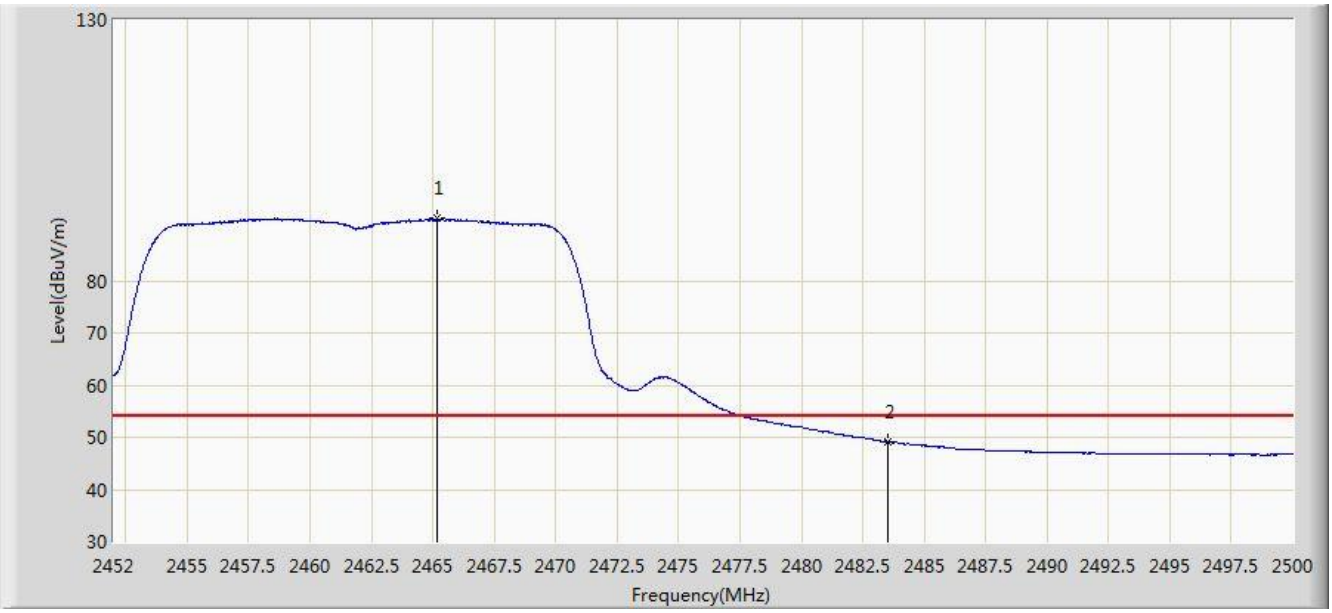


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.768	104.704	72.480	N/A	N/A	32.224	PK
2			2483.500	64.257	31.976	-9.743	74.000	32.282	PK
3			2483.944	66.629	34.346	-7.371	74.000	32.282	PK

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

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

Site: AC1	Time: 2016/12/02 - 15:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz, Ant 1	

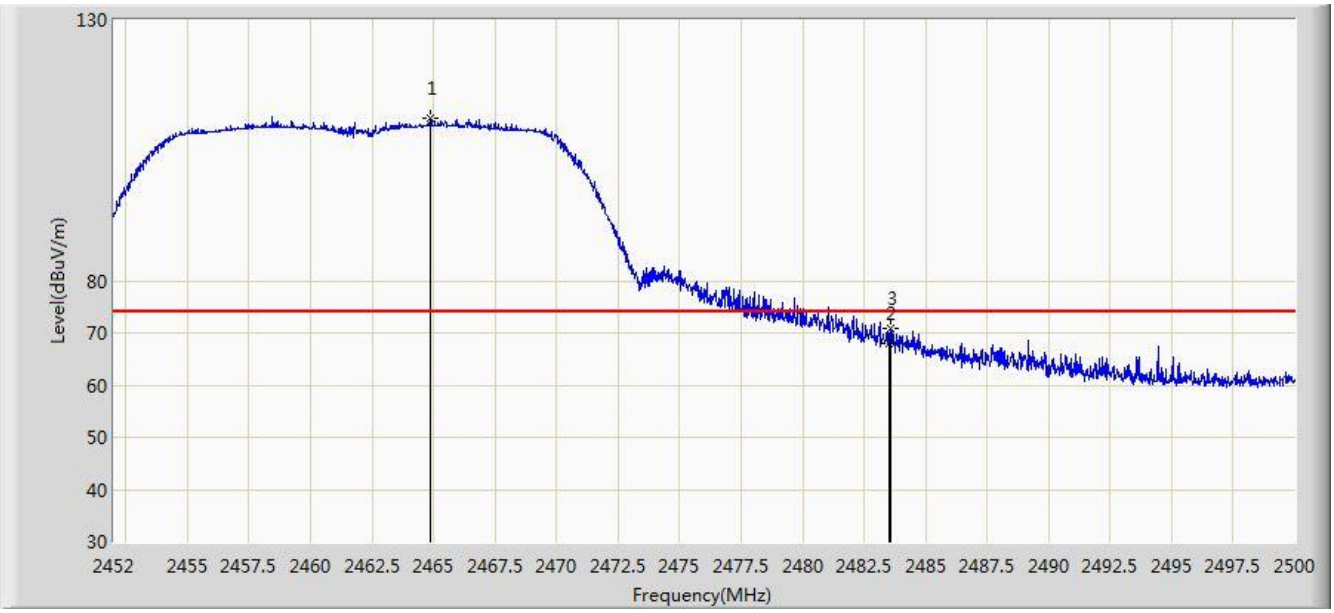


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2465.176	91.979	59.737	N/A	N/A	32.242	AV
2			2483.500	49.131	16.850	-4.869	54.000	32.282	AV

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

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

Site: AC1	Time: 2016/12/02 - 15:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz, Ant 1	

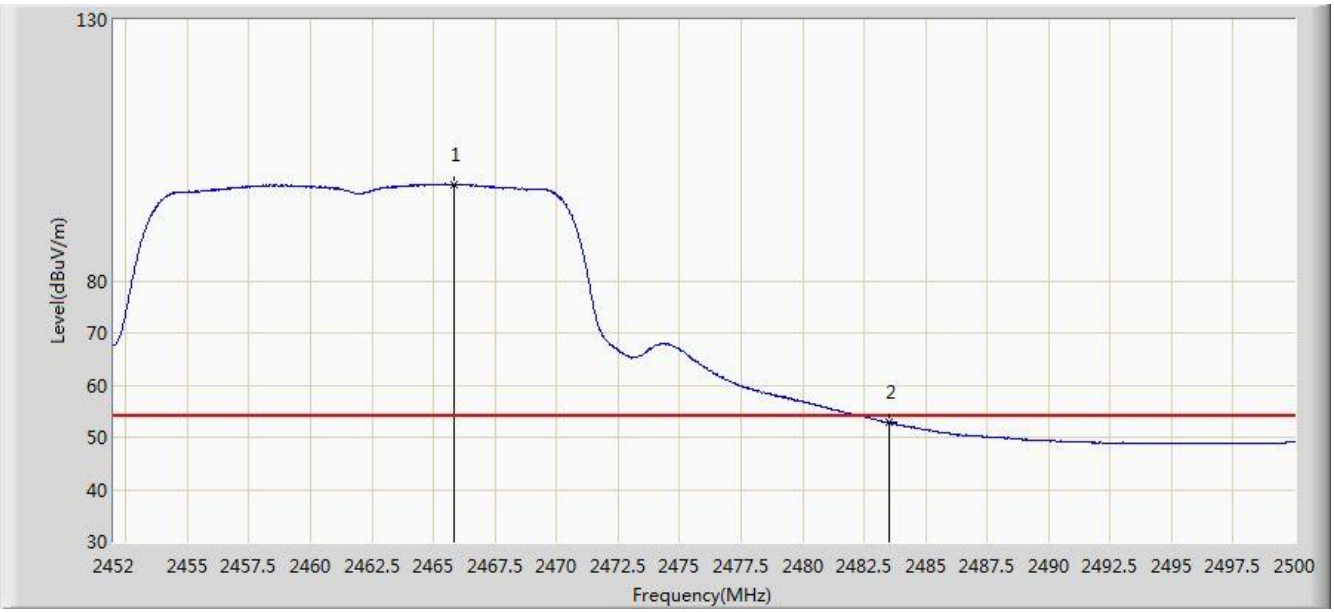


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2464.888	111.206	78.964	N/A	N/A	32.242	PK
2			2483.500	67.949	35.668	-6.051	74.000	32.282	PK
3			2483.608	70.978	38.696	-3.022	74.000	32.282	PK

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

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

Site: AC1	Time: 2016/12/02 - 15:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz, Ant 1	

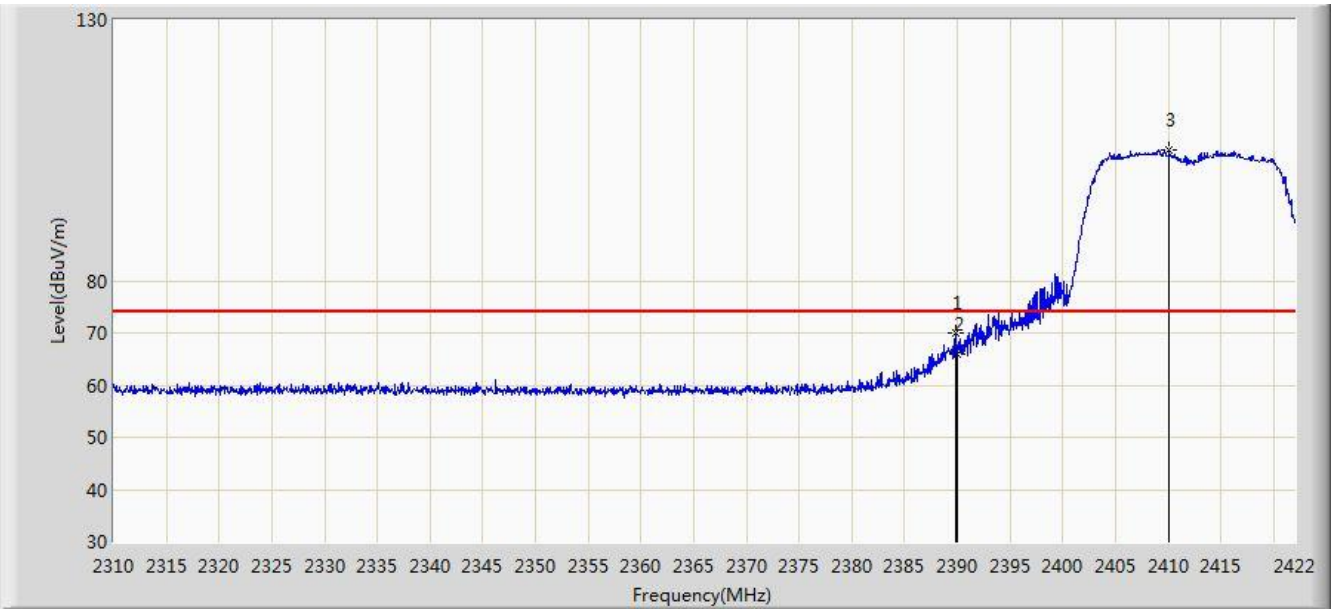


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2465.848	98.491	66.248	N/A	N/A	32.243	AV
2			2483.500	52.811	20.530	-1.189	54.000	32.282	AV

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

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

Site: AC1	Time: 2016/12/02 - 15:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant 1	

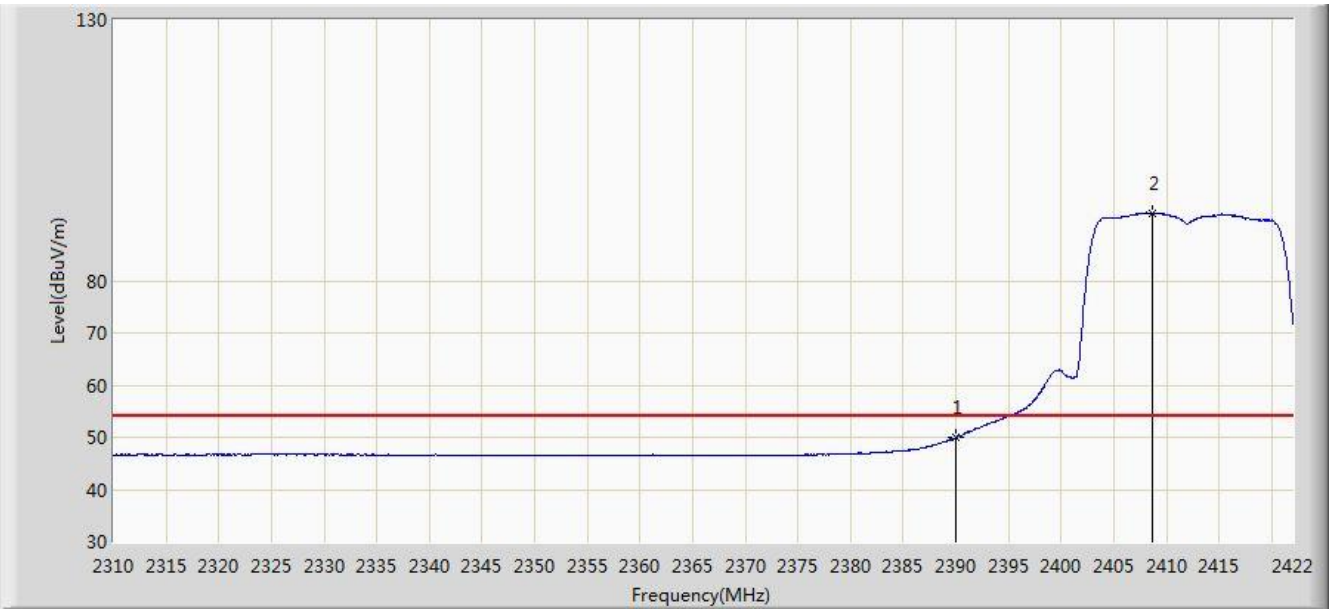


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.912	69.918	37.640	-4.082	74.000	32.278	PK
2			2390.000	65.927	33.649	-8.073	74.000	32.278	PK
3		*	2410.128	105.131	72.884	N/A	N/A	32.246	PK

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

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

Site: AC1	Time: 2016/12/02 - 15:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant 1	

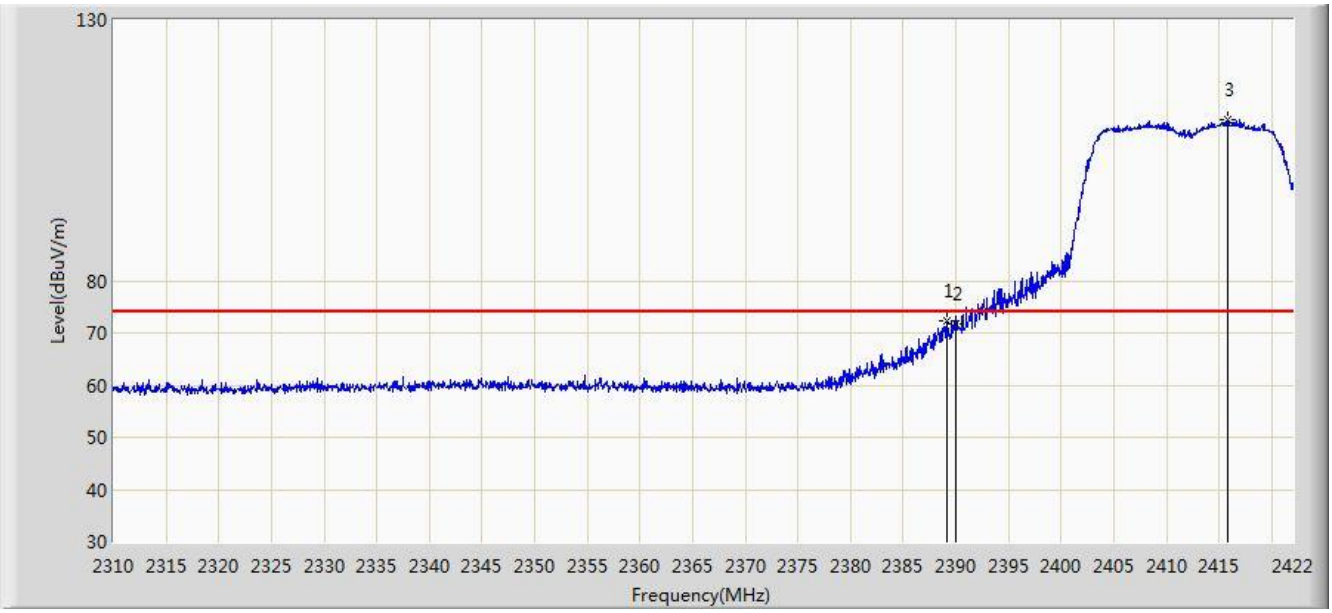


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.004	17.726	-3.996	54.000	32.278	AV
2		*	2408.728	92.947	60.696	N/A	N/A	32.252	AV

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

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

Site: AC1	Time: 2016/12/02 - 15:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant 1	

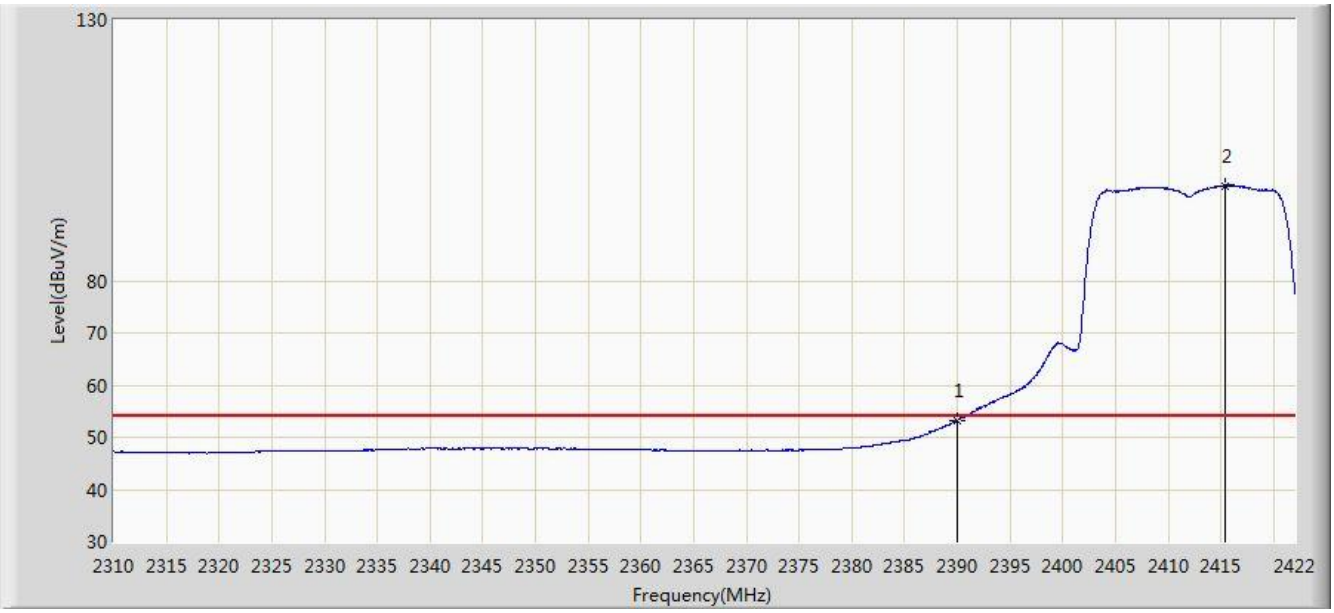


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.128	72.209	39.936	-1.791	74.000	32.273	PK
2			2390.000	71.762	39.484	-2.238	74.000	32.278	PK
3		*	2415.784	111.014	78.790	N/A	N/A	32.224	PK

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

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

Site: AC1	Time: 2016/12/02 - 15:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant 1	

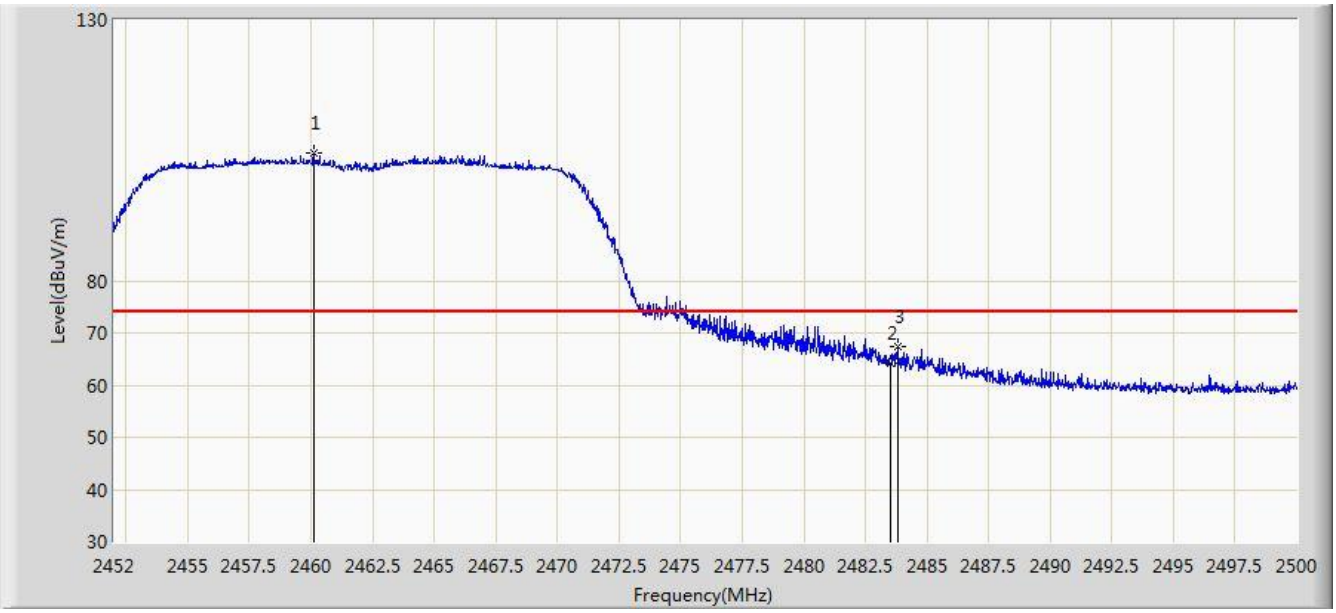


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.242	20.964	-0.758	54.000	32.278	AV
2		*	2415.336	98.233	66.007	N/A	N/A	32.226	AV

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

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

Site: AC1	Time: 2016/12/02 - 16:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz, Ant 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.112	104.590	72.360	N/A	N/A	32.230	PK
2			2483.500	64.063	31.782	-9.937	74.000	32.282	PK
3			2483.800	67.250	34.968	-6.750	74.000	32.282	PK

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

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

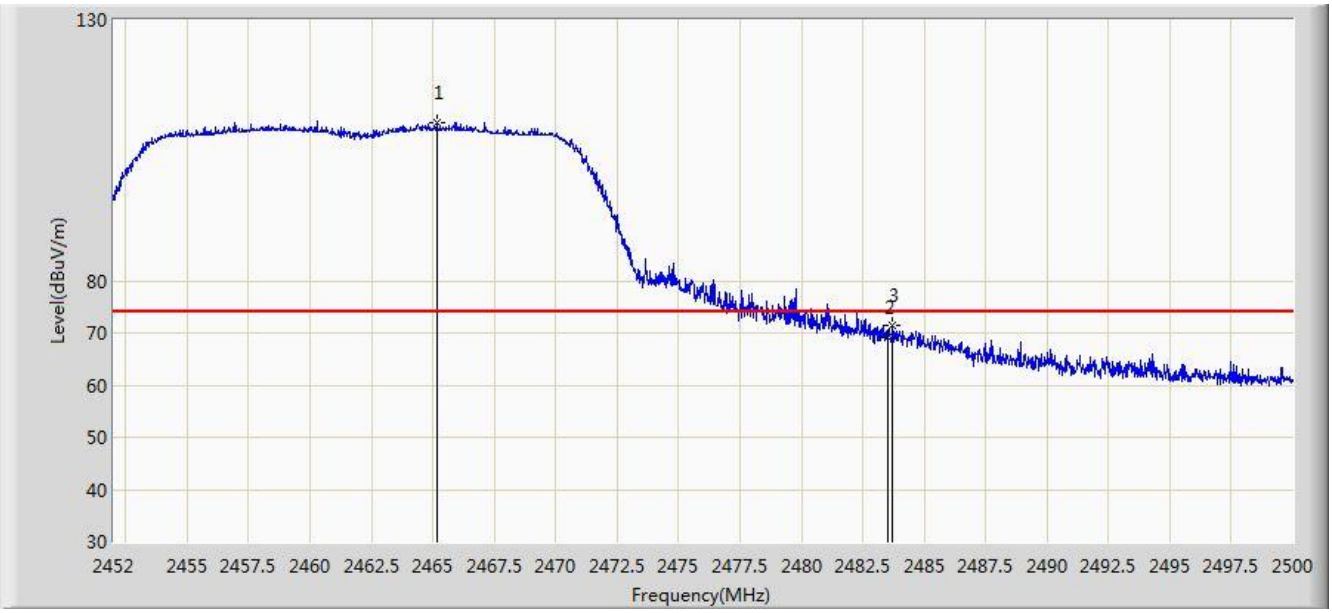
Site: AC1	Time: 2016/12/02 - 16:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz, Ant 1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.624	91.241	59.017	N/A	N/A	32.223	AV
2			2483.500	49.550	17.269	-4.450	54.000	32.282	AV

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

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

Site: AC1	Time: 2016/12/02 - 16:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz, Ant 1	

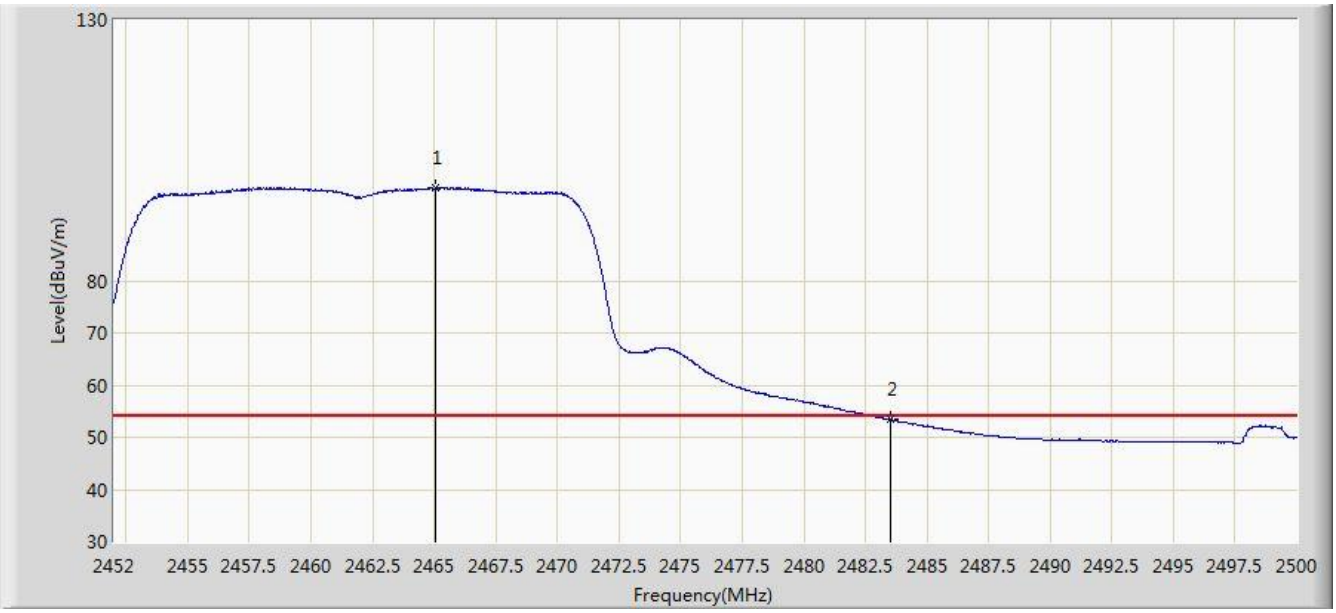


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2465.152	110.223	77.981	N/A	N/A	32.242	PK
2			2483.500	69.267	36.986	-4.733	74.000	32.282	PK
3			2483.728	71.336	39.054	-2.664	74.000	32.282	PK

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

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

Site: AC1	Time: 2016/12/02 - 16:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz, Ant 1	

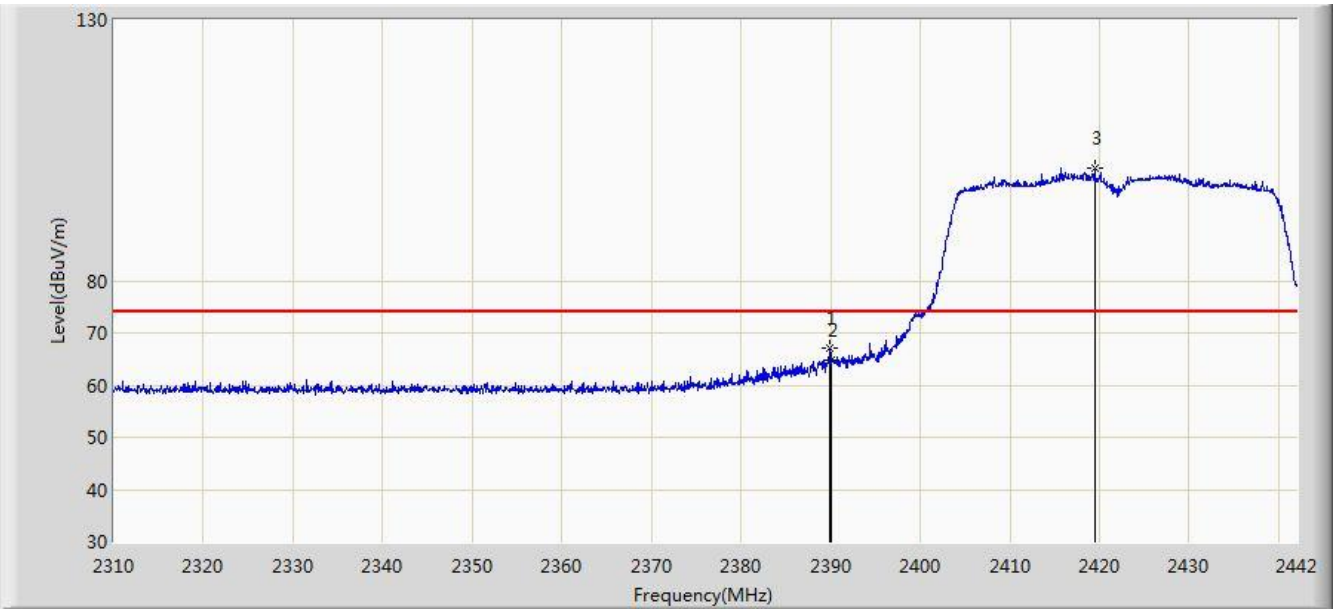


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2465.080	97.889	65.647	N/A	N/A	32.242	AV
2			2483.500	53.385	21.104	-0.615	54.000	32.282	AV

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

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

Site: AC1	Time: 2016/12/02 - 16:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz, Ant 1	

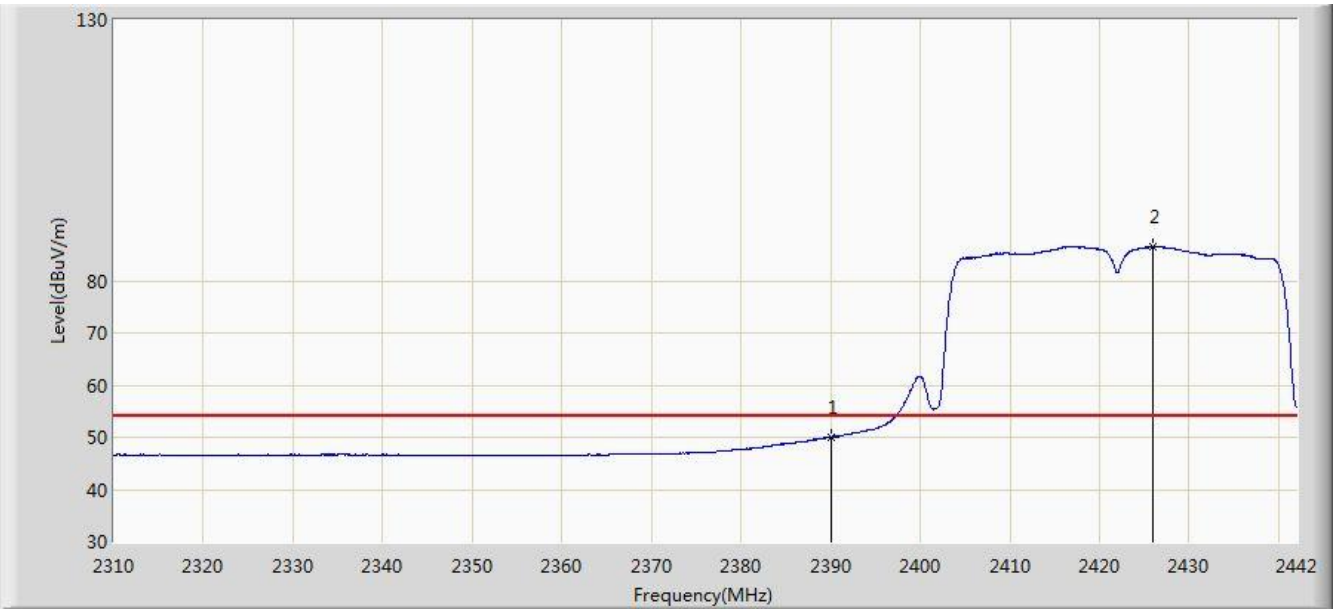


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.926	67.153	34.875	-6.847	74.000	32.278	PK
2			2390.000	64.801	32.523	-9.199	74.000	32.278	PK
3		*	2419.428	101.677	69.468	N/A	N/A	32.209	PK

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

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

Site: AC1	Time: 2016/12/02 - 16:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz, Ant 1	

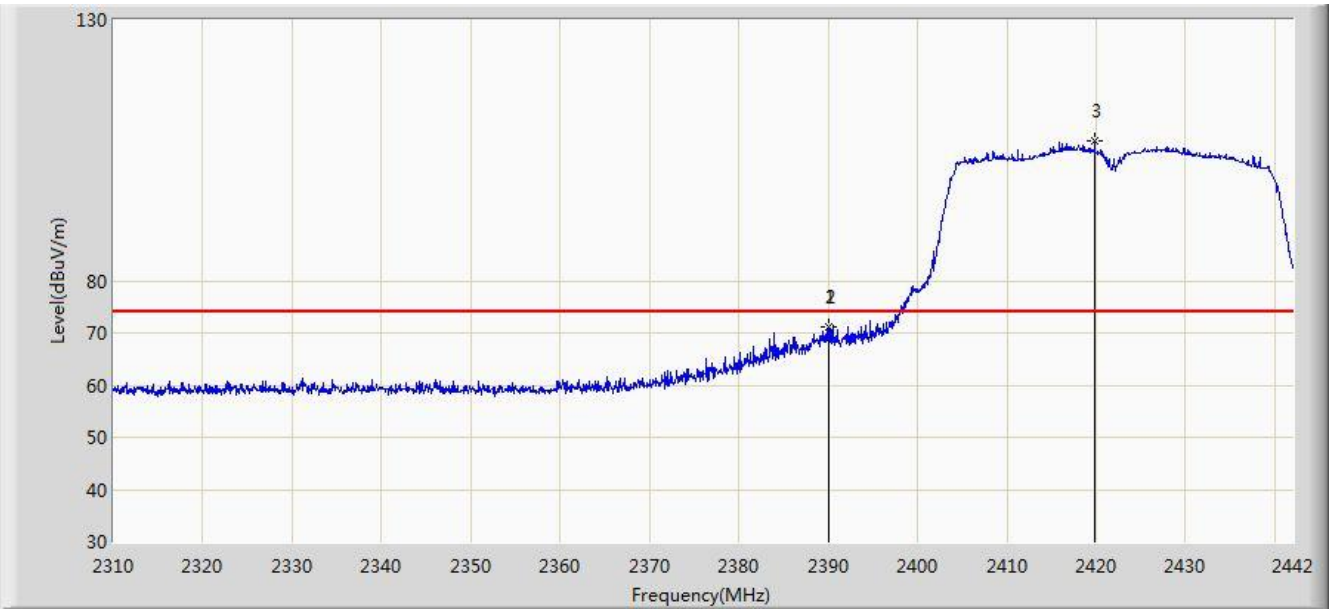


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	49.990	17.712	-4.010	54.000	32.278	AV
2		*	2425.896	86.493	54.311	N/A	N/A	32.182	AV

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

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

Site: AC1	Time: 2016/12/02 - 16:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz, Ant 1	

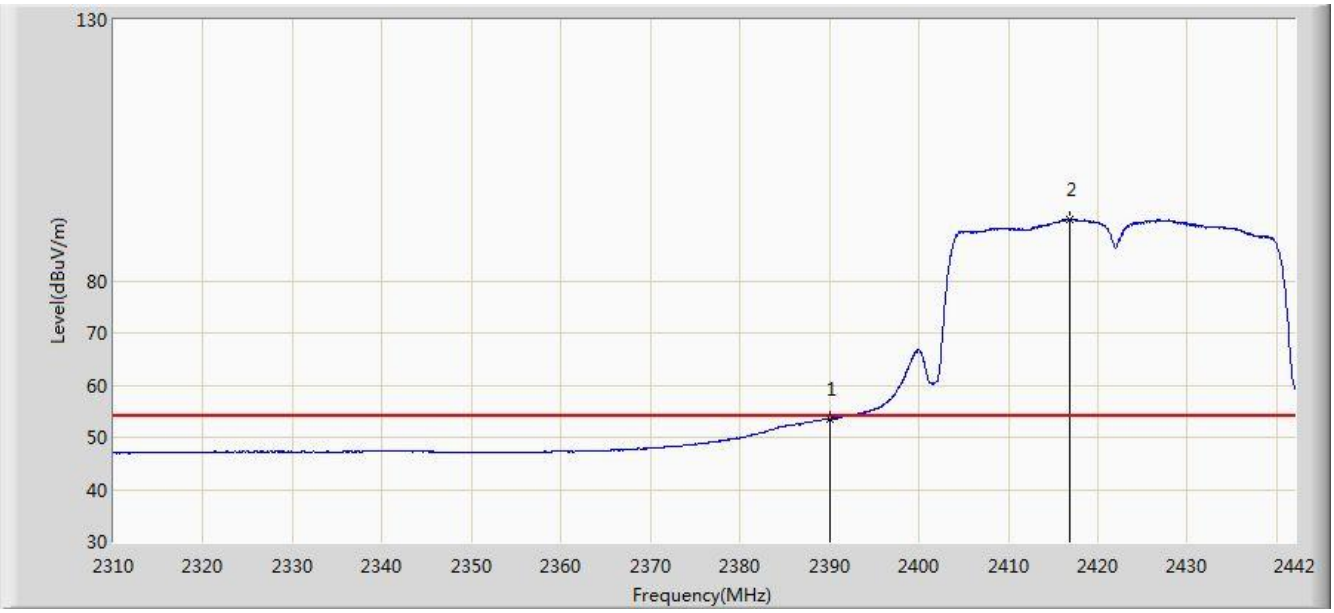


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.992	71.302	39.024	-2.698	74.000	32.278	PK
2			2390.000	71.190	38.912	-2.810	74.000	32.278	PK
3		*	2419.824	106.801	74.594	N/A	N/A	32.207	PK

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

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

Site: AC1	Time: 2016/12/02 - 16:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz, Ant 1	

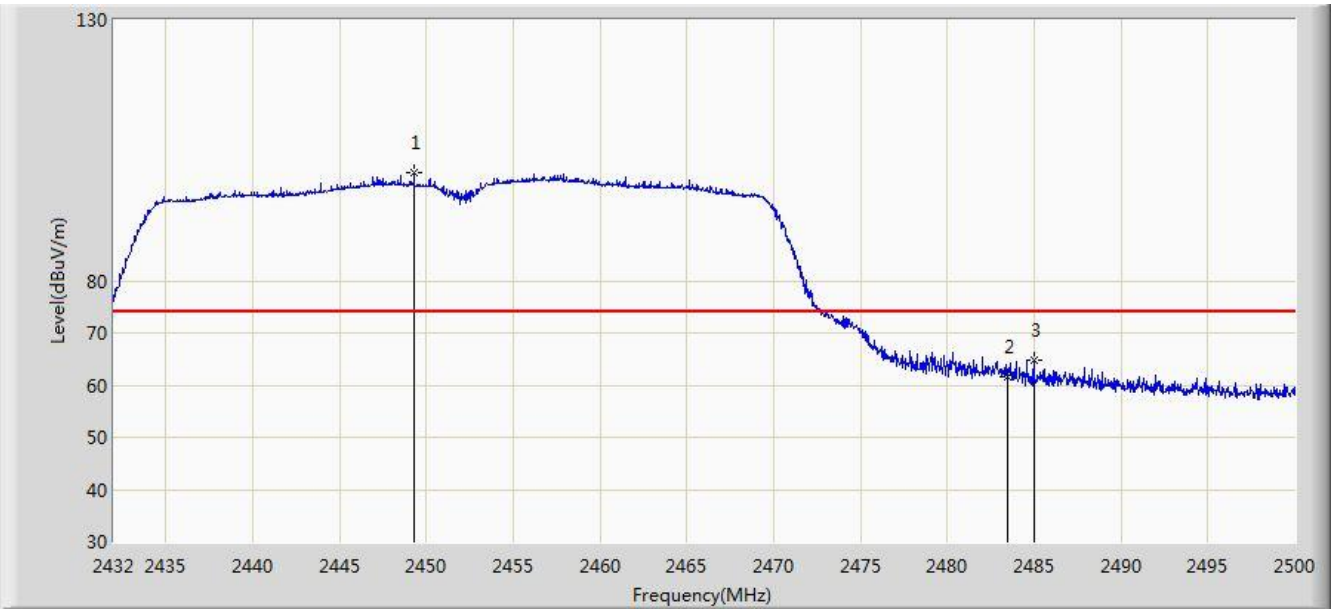


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.492	21.214	-0.508	54.000	32.278	AV
2		*	2416.920	91.649	59.430	N/A	N/A	32.219	AV

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

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

Site: AC1	Time: 2016/12/02 - 16:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz, Ant 1	

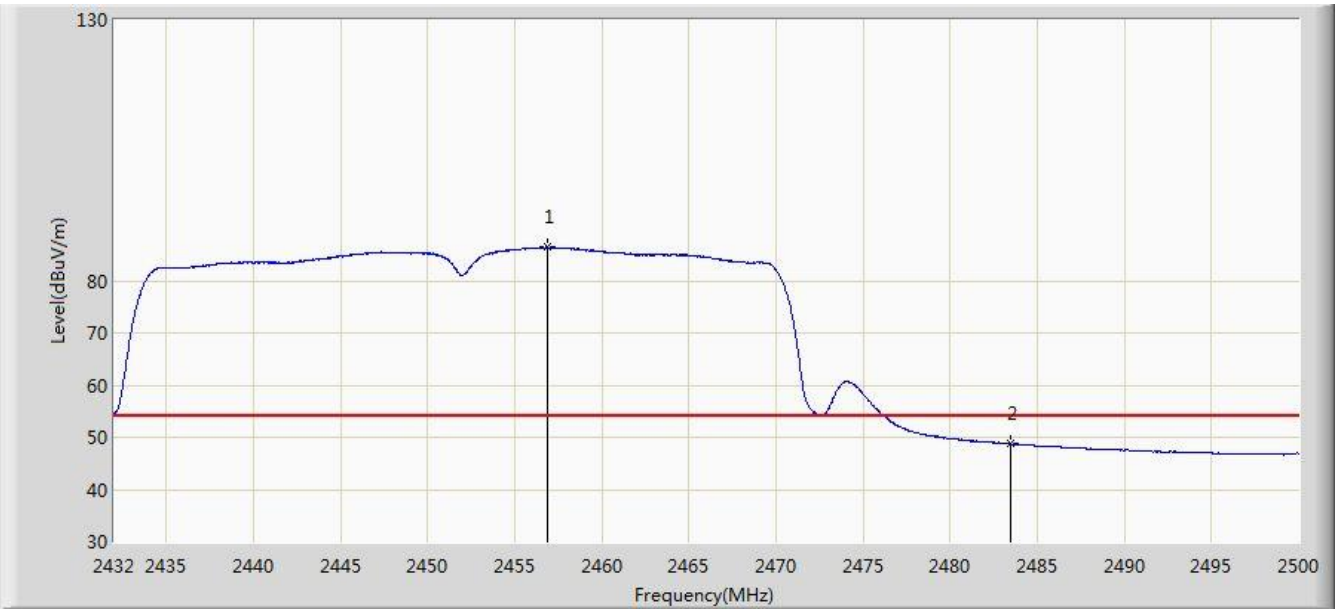


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2449.306	100.659	68.475	N/A	N/A	32.184	PK
2			2483.500	61.660	29.379	-12.340	74.000	32.282	PK
3			2484.972	64.861	32.575	-9.139	74.000	32.286	PK

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

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

Site: AC1	Time: 2016/12/02 - 16:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz, Ant 1	

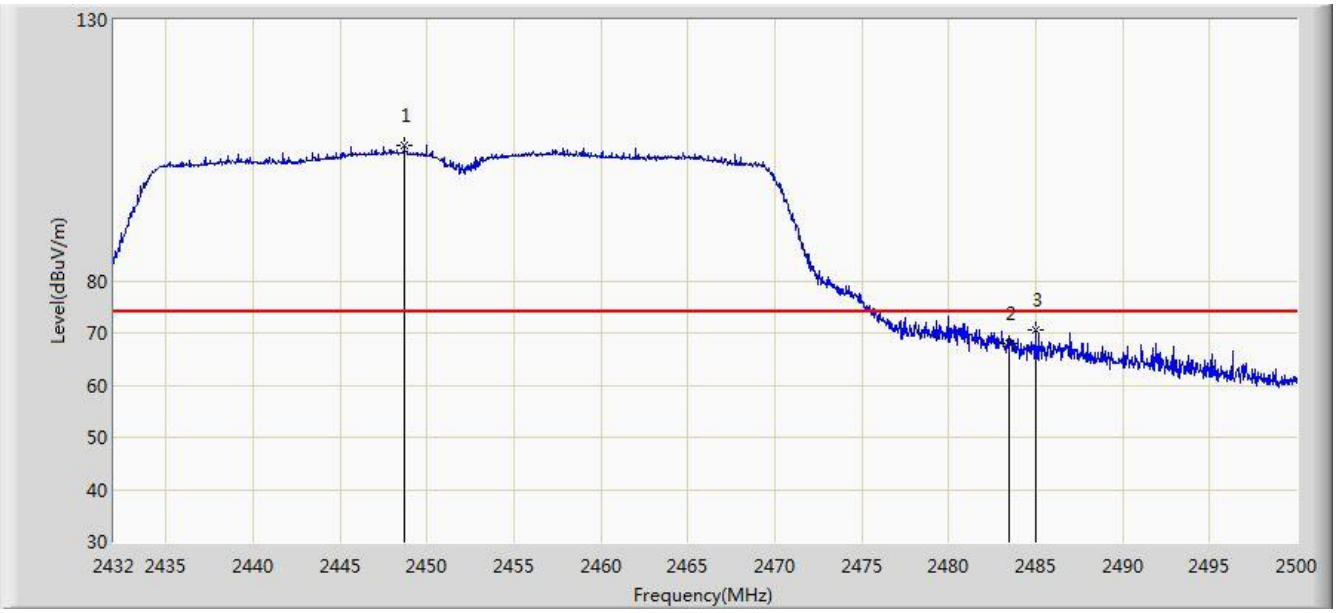


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.922	86.428	54.212	N/A	N/A	32.217	AV
2			2483.500	48.715	16.434	-5.285	54.000	32.282	AV

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

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

Site: AC1	Time: 2016/12/02 - 16:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz, Ant 1	

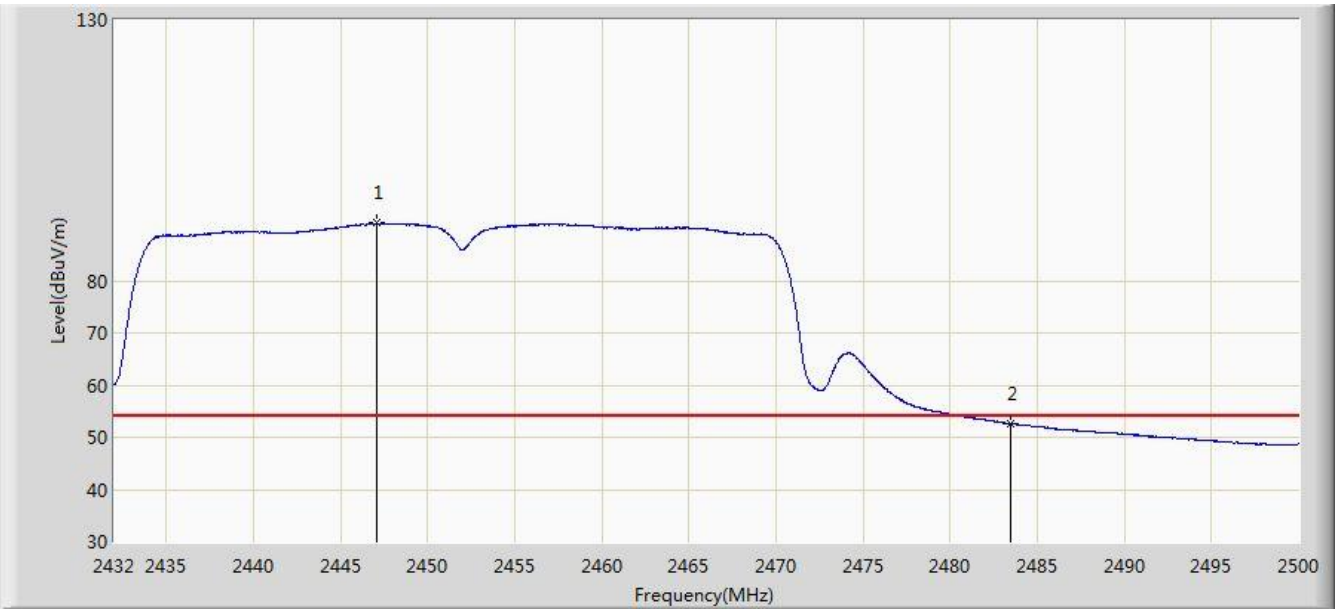


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2448.694	105.894	73.713	N/A	N/A	32.181	PK
2			2483.500	68.004	35.723	-5.996	74.000	32.282	PK
3			2484.972	70.605	38.319	-3.395	74.000	32.286	PK

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

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

Site: AC1	Time: 2016/12/02 - 16:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz, Ant 1	

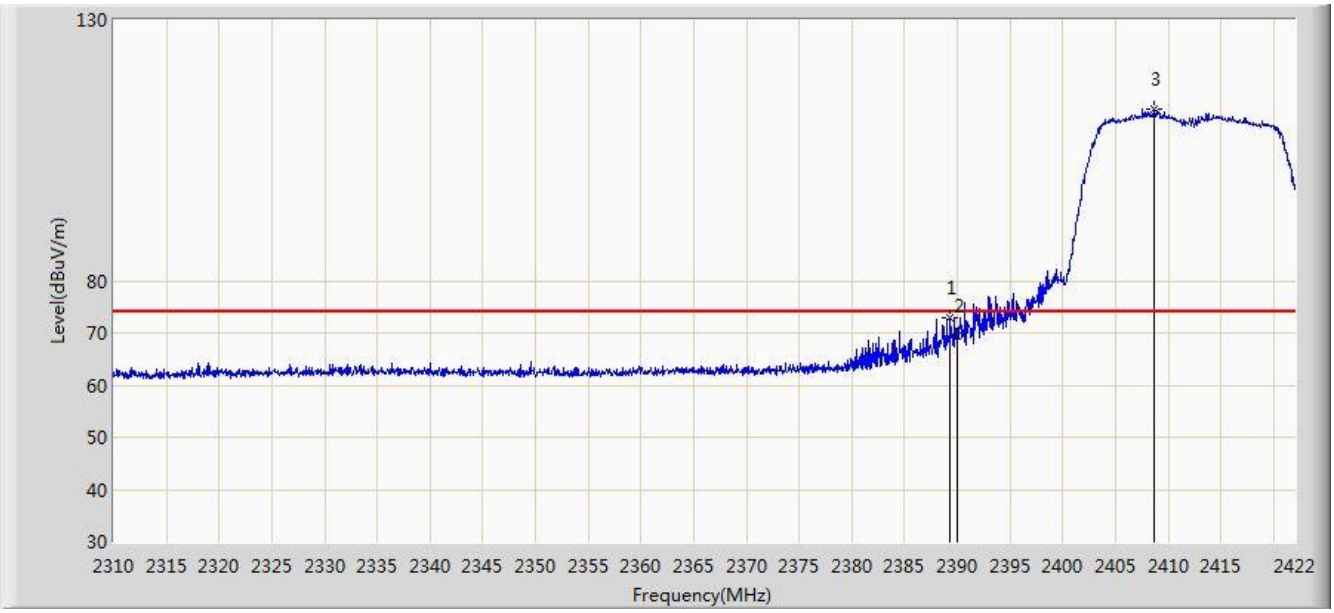


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2447.062	91.031	58.857	N/A	N/A	32.174	AV
2			2483.500	52.586	20.305	-1.414	54.000	32.282	AV

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

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

Site: AC1	Time: 2016/12/02 - 16:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant 0+1	

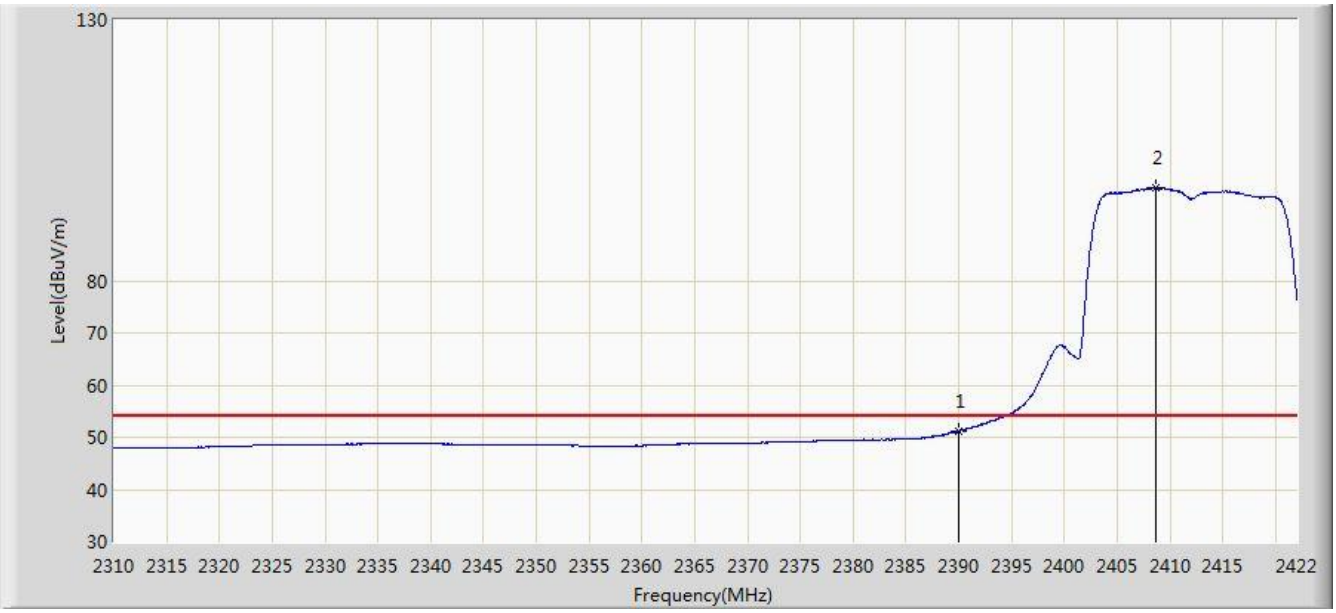


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.352	72.968	40.694	-1.032	74.000	32.274	PK
2			2390.000	69.427	37.149	-4.573	74.000	32.278	PK
3		*	2408.616	112.899	80.647	N/A	N/A	32.252	PK

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

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

Site: AC1	Time: 2016/12/02 - 16:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant 0+1	

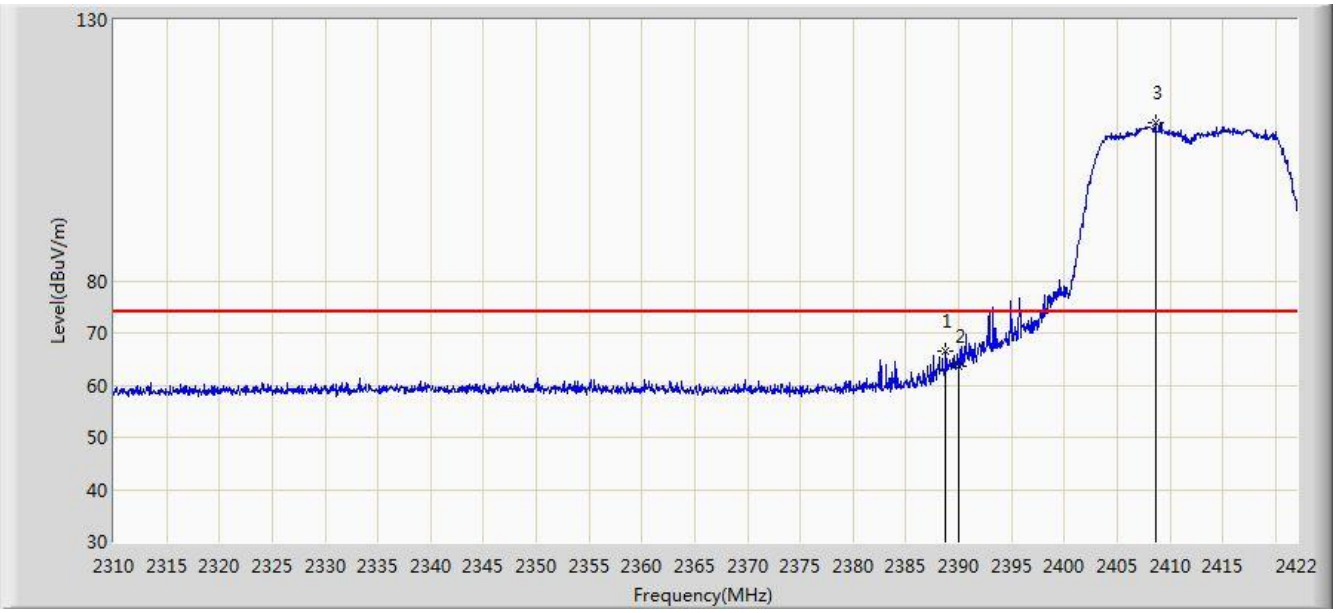


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.148	18.870	-2.852	54.000	32.278	AV
2		*	2408.616	97.827	65.575	N/A	N/A	32.252	AV

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

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

Site: AC1	Time: 2016/12/02 - 16:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant 0+1	

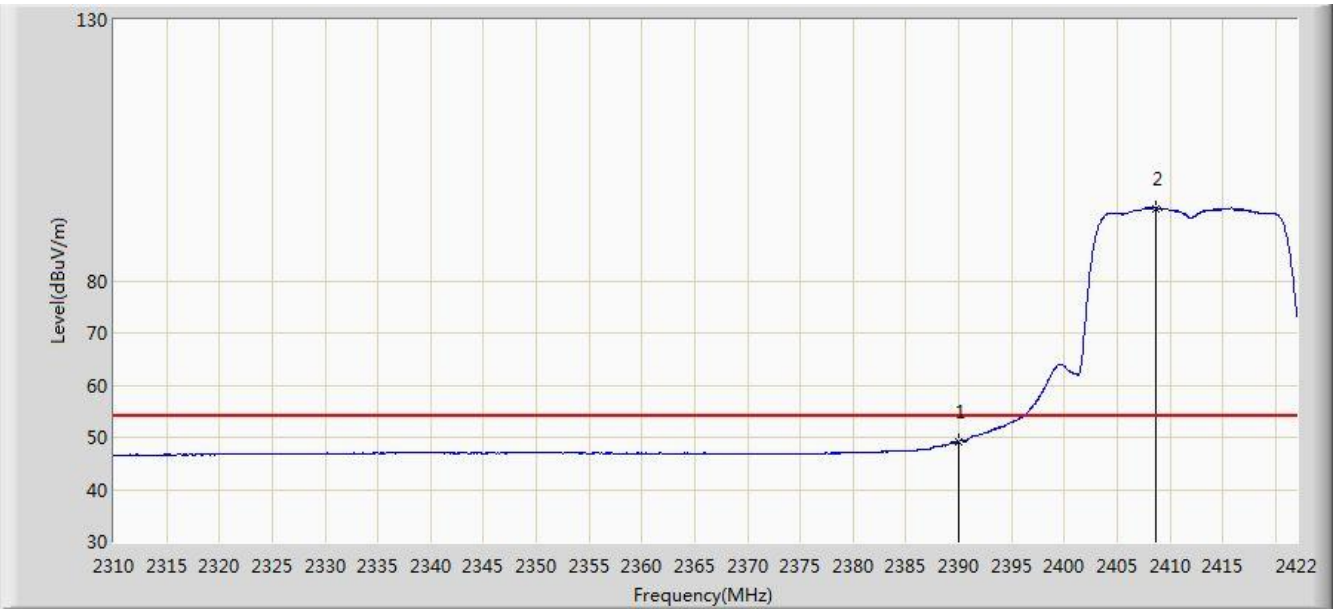


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.792	66.381	34.110	-7.619	74.000	32.271	PK
2			2390.000	63.568	31.290	-10.432	74.000	32.278	PK
3		*	2408.616	110.150	77.898	N/A	N/A	32.252	PK

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

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

Site: AC1	Time: 2016/12/02 - 16:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz, Ant 0+1	

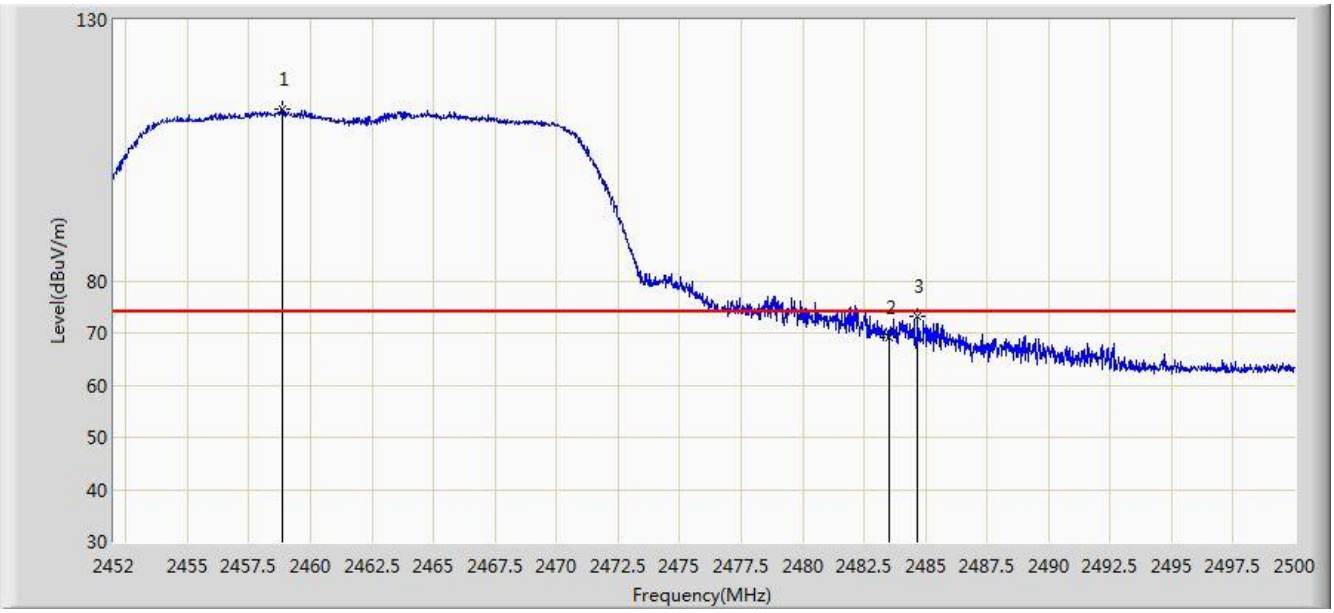


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	49.226	16.948	-4.774	54.000	32.278	AV
2		*	2408.728	93.861	61.610	N/A	N/A	32.252	AV

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

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

Site: AC1	Time: 2016/12/02 - 16:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz, Ant 0+1	

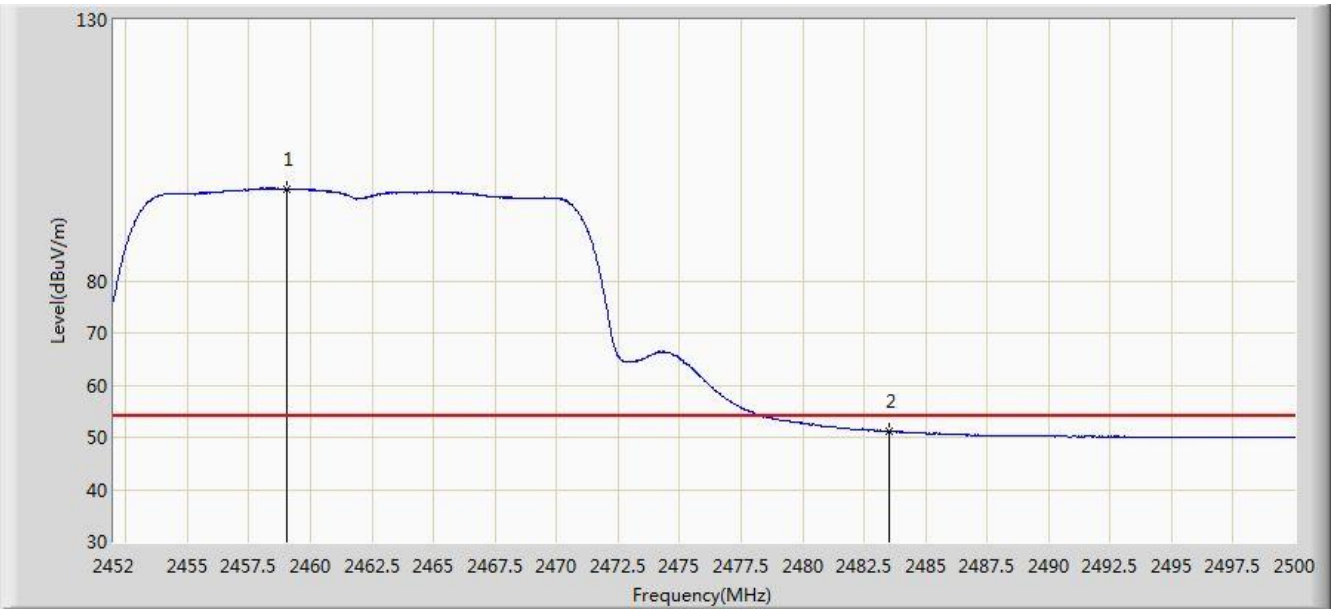


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.840	112.883	80.658	N/A	N/A	32.225	PK
2			2483.500	69.157	36.876	-4.843	74.000	32.282	PK
3			2484.664	73.223	40.938	-0.777	74.000	32.286	PK

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

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

Site: AC1	Time: 2016/12/02 - 16:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz, Ant 0+1	

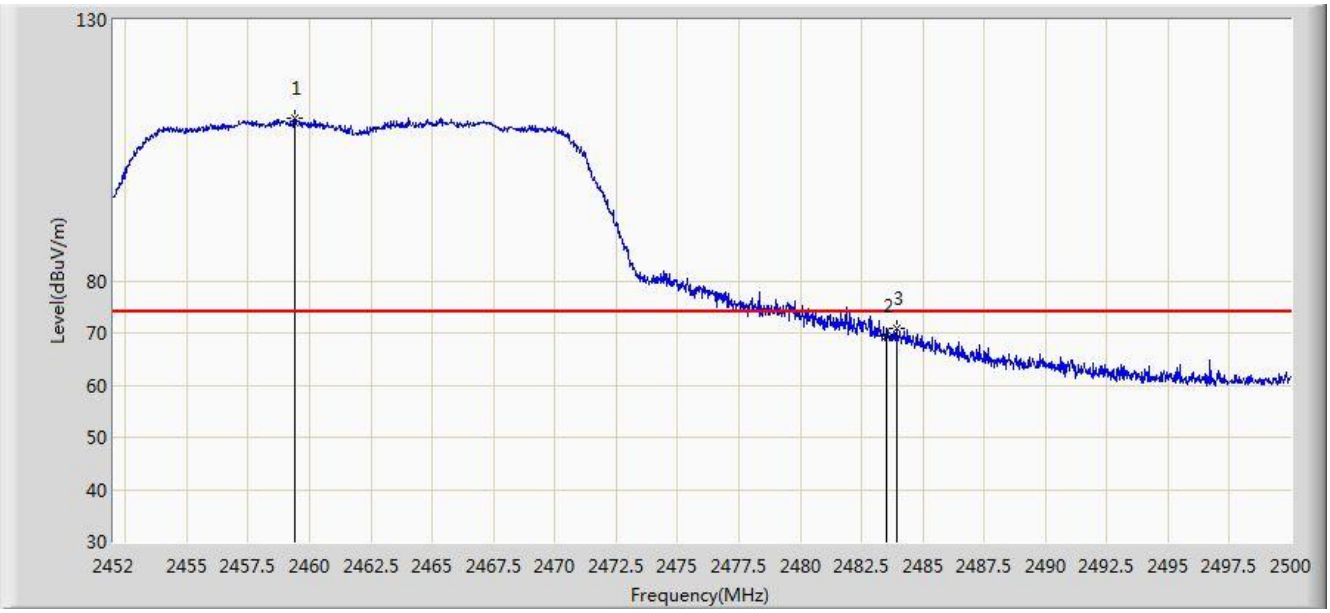


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.056	97.671	65.445	N/A	N/A	32.226	AV
2			2483.500	51.152	18.871	-2.848	54.000	32.282	AV

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

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

Site: AC1	Time: 2016/12/02 - 16:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz, Ant 0+1	

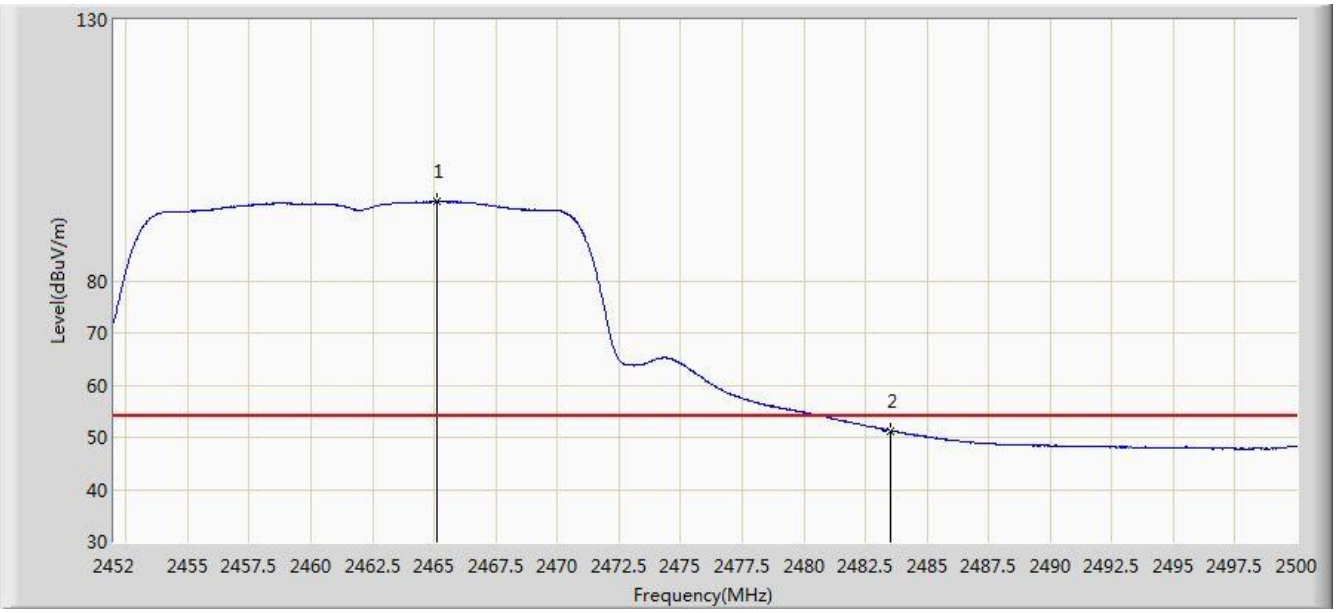


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.392	111.100	78.873	N/A	N/A	32.227	PK
2			2483.500	69.481	37.200	-4.519	74.000	32.282	PK
3			2483.920	70.891	38.608	-3.109	74.000	32.282	PK

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

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

Site: AC1	Time: 2016/12/02 - 17:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz, Ant 0+1	

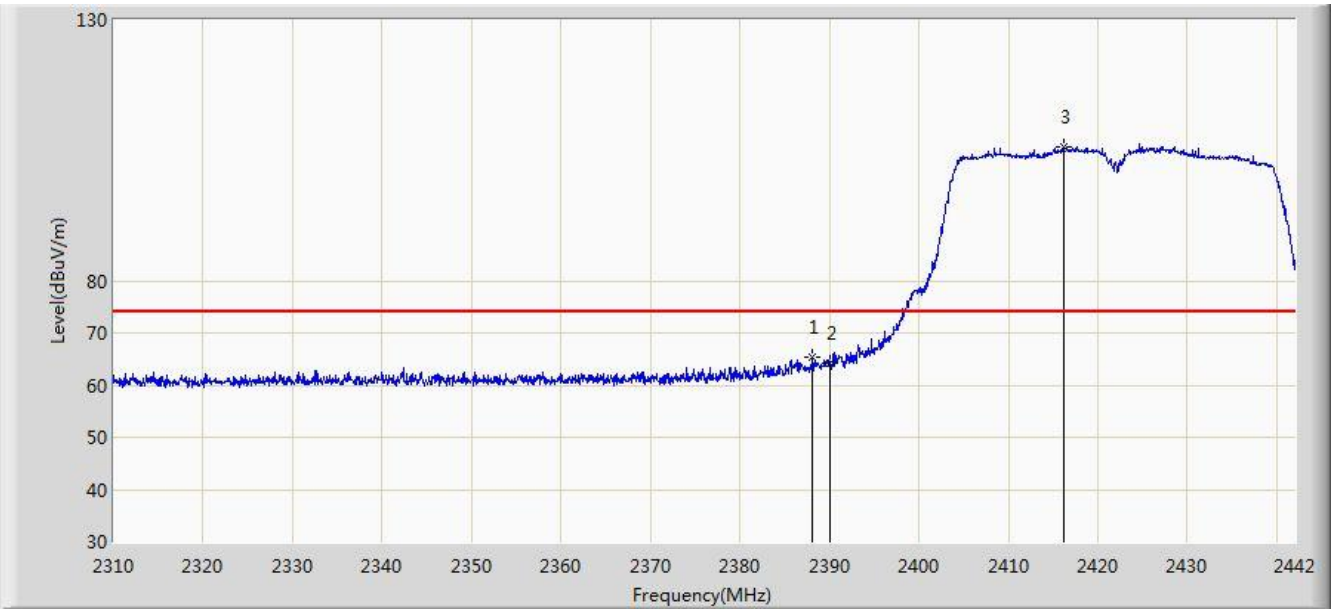


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2465.104	95.173	62.931	N/A	N/A	32.242	AV
2			2483.500	51.297	19.016	-2.703	54.000	32.282	AV

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

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

Site: AC1	Time: 2016/12/02 - 17:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz, Ant 0+1	

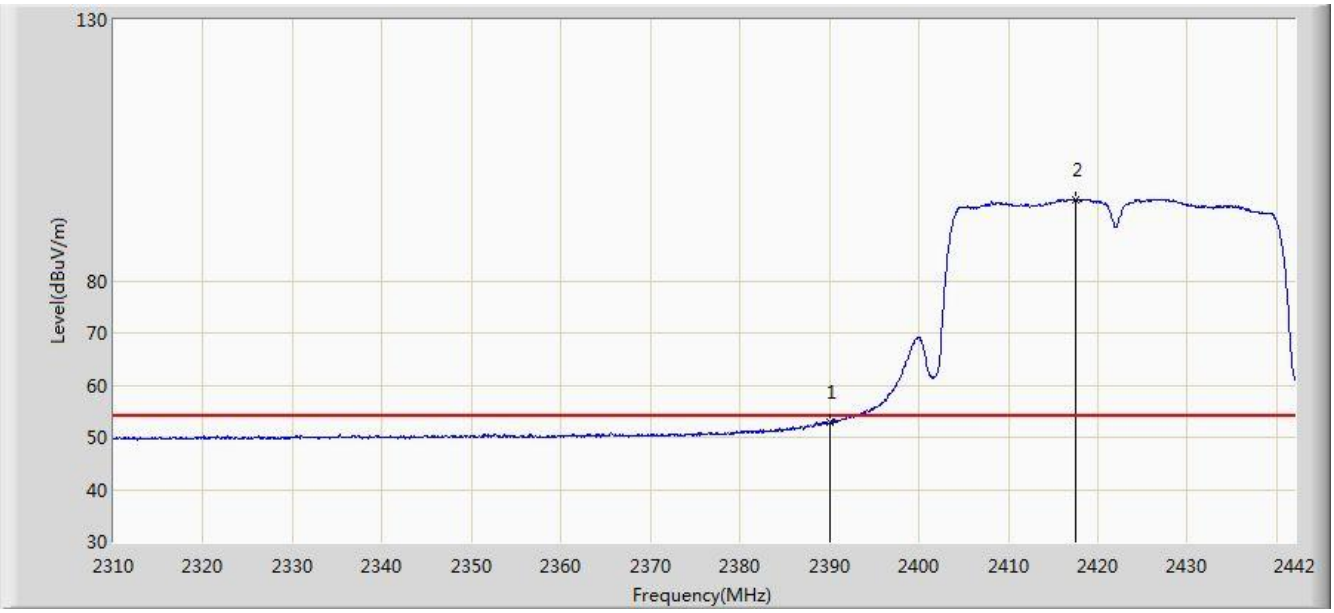


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.078	65.404	33.137	-8.596	74.000	32.268	PK
2			2390.000	64.208	31.930	-9.792	74.000	32.278	PK
3		*	2416.128	105.651	73.428	N/A	N/A	32.222	PK

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

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

Site: AC1	Time: 2016/12/02 - 17:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz, Ant 0+1	

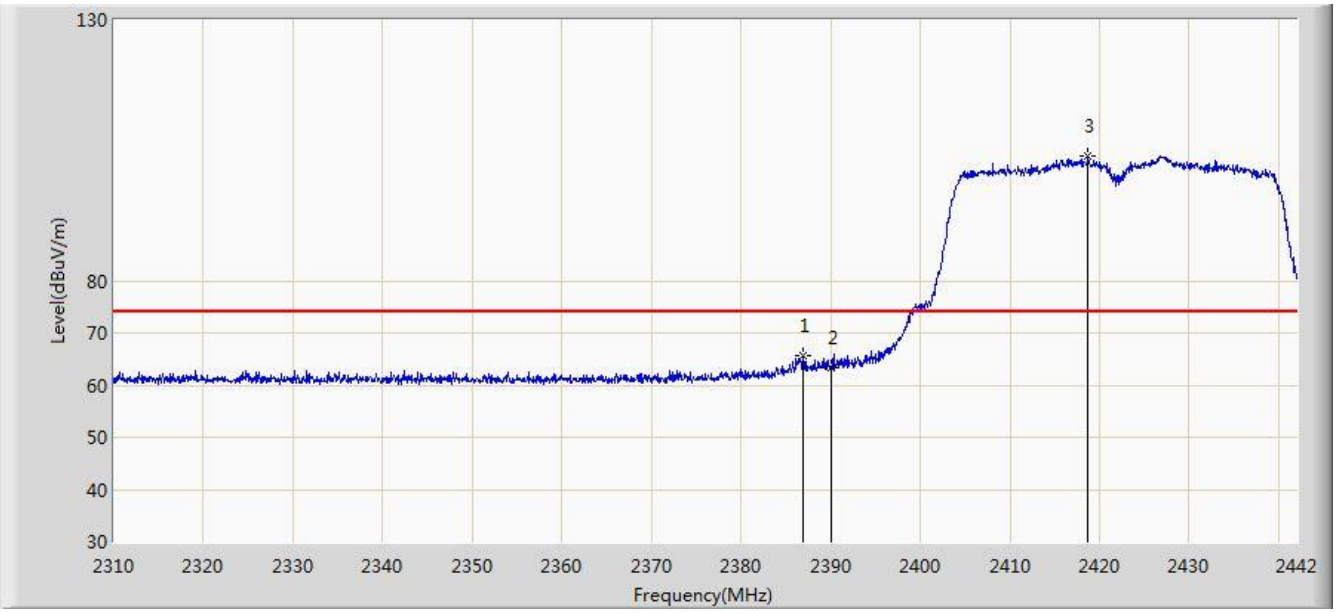


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.802	20.524	-1.198	54.000	32.278	AV
2		*	2417.580	95.539	63.322	N/A	N/A	32.217	AV

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

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

Site: AC1	Time: 2016/12/02 - 17:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz, Ant 0+1	

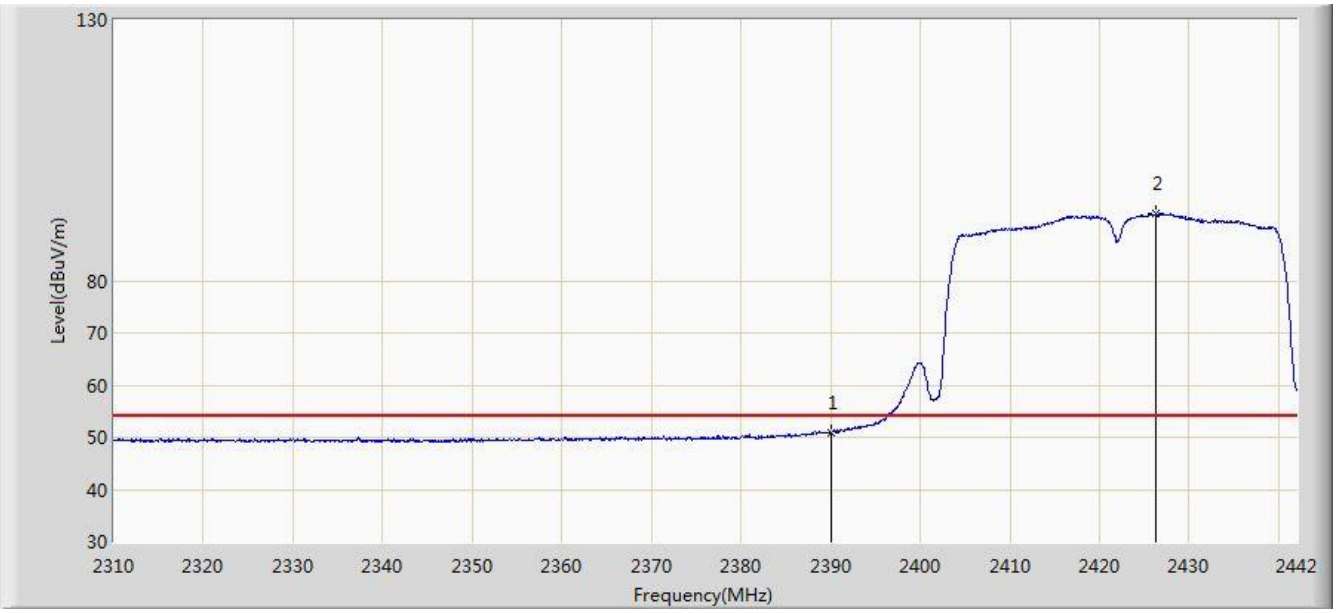


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.890	65.744	33.483	-8.256	74.000	32.261	PK
2			2390.000	63.392	31.114	-10.608	74.000	32.278	PK
3		*	2418.702	103.863	71.651	N/A	N/A	32.212	PK

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

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

Site: AC1	Time: 2016/12/02 - 17:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz, Ant 0+1	

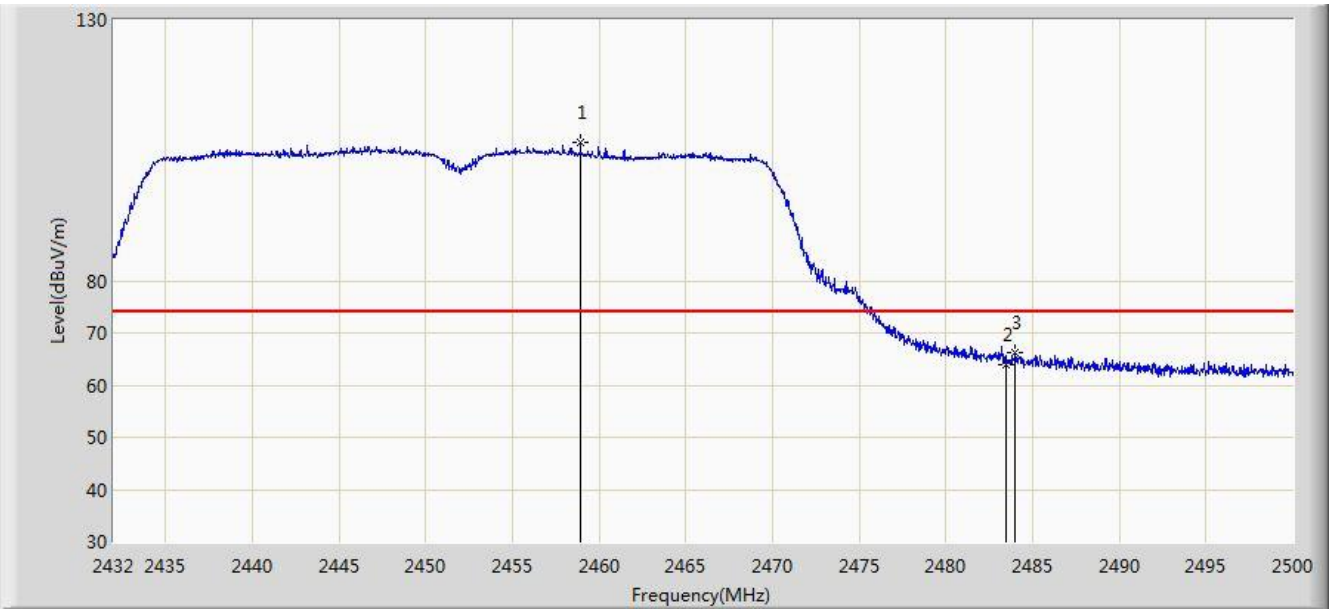


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.796	18.518	-3.204	54.000	32.278	AV
2		*	2426.358	92.864	60.684	N/A	N/A	32.180	AV

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

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

Site: AC1	Time: 2016/12/02 - 18:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz, Ant 0+1	

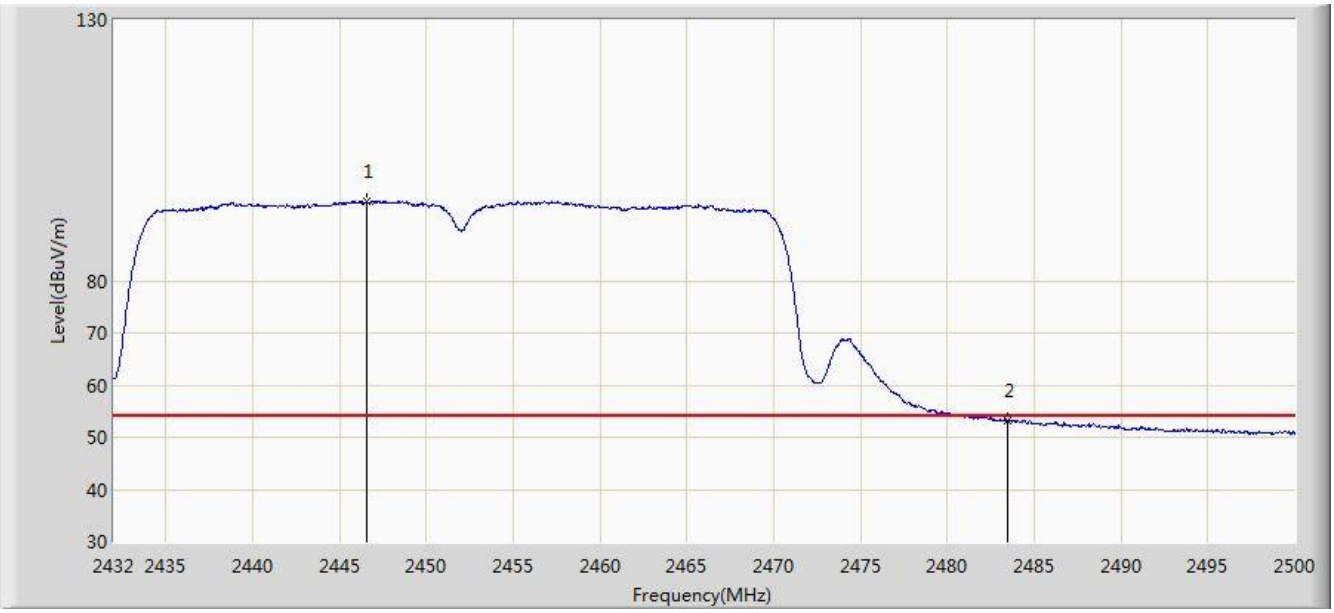


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.928	106.586	74.361	N/A	N/A	32.225	PK
2			2483.500	63.992	31.711	-10.008	74.000	32.282	PK
3			2484.020	66.202	33.919	-7.798	74.000	32.283	PK

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

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

Site: AC1	Time: 2016/12/02 - 18:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz, Ant 0+1	

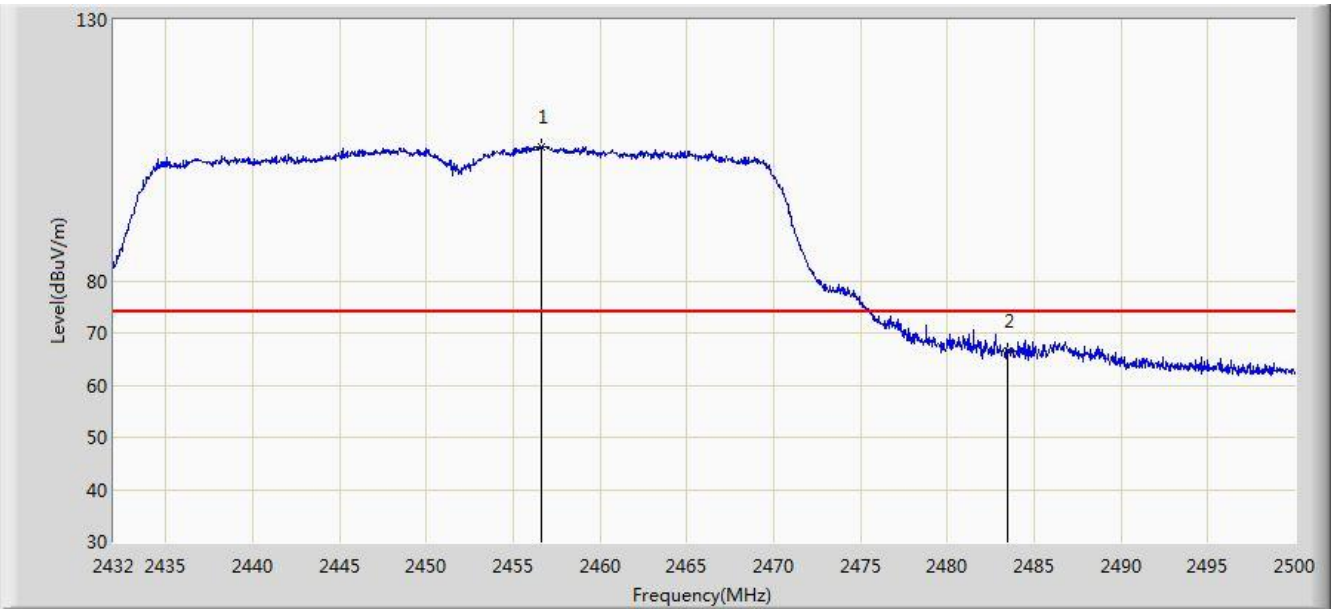


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2446.552	95.078	67.609	N/A	N/A	27.469	AV
2			2483.500	53.096	20.815	-0.904	54.000	32.282	AV

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

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

Site: AC1	Time: 2016/12/02 - 18:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz, Ant 0+1	

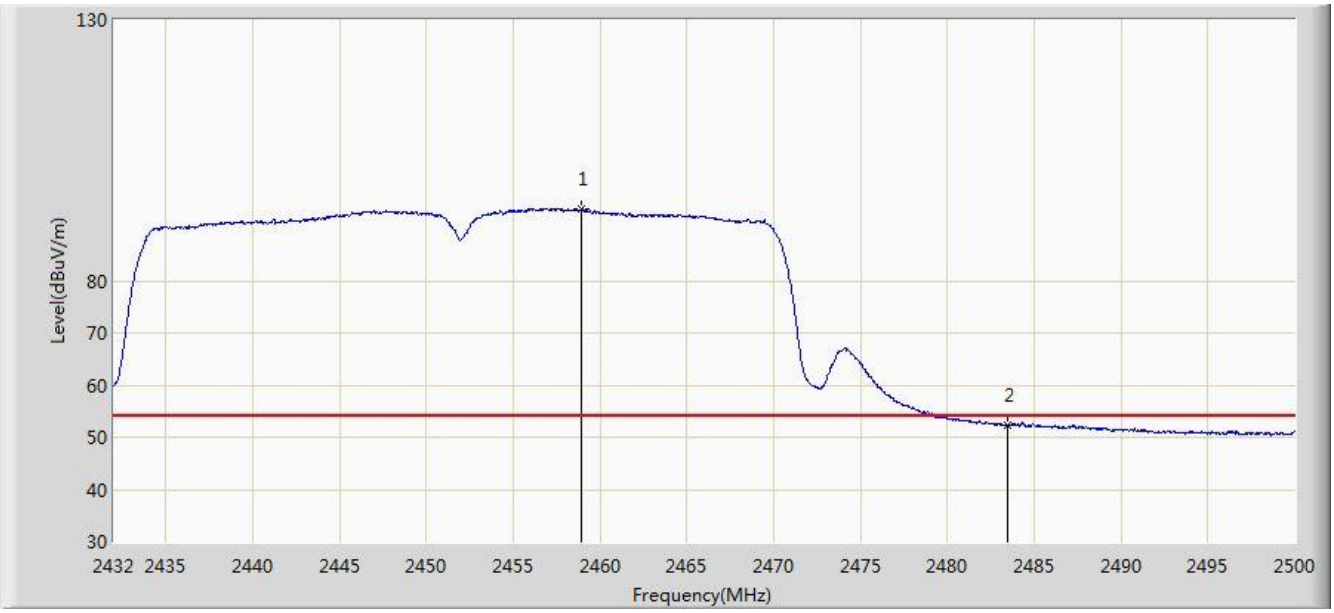


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.650	105.674	73.459	N/A	N/A	32.216	PK
2			2483.500	66.465	34.184	-7.535	74.000	32.282	PK

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

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

Site: AC1	Time: 2016/12/02 - 18:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Bruce Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz, Ant 0+1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.962	93.732	61.507	N/A	N/A	32.226	AV
2			2483.500	52.277	19.996	-1.723	54.000	32.282	AV

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

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

7.8. AC Conducted Emissions Measurement

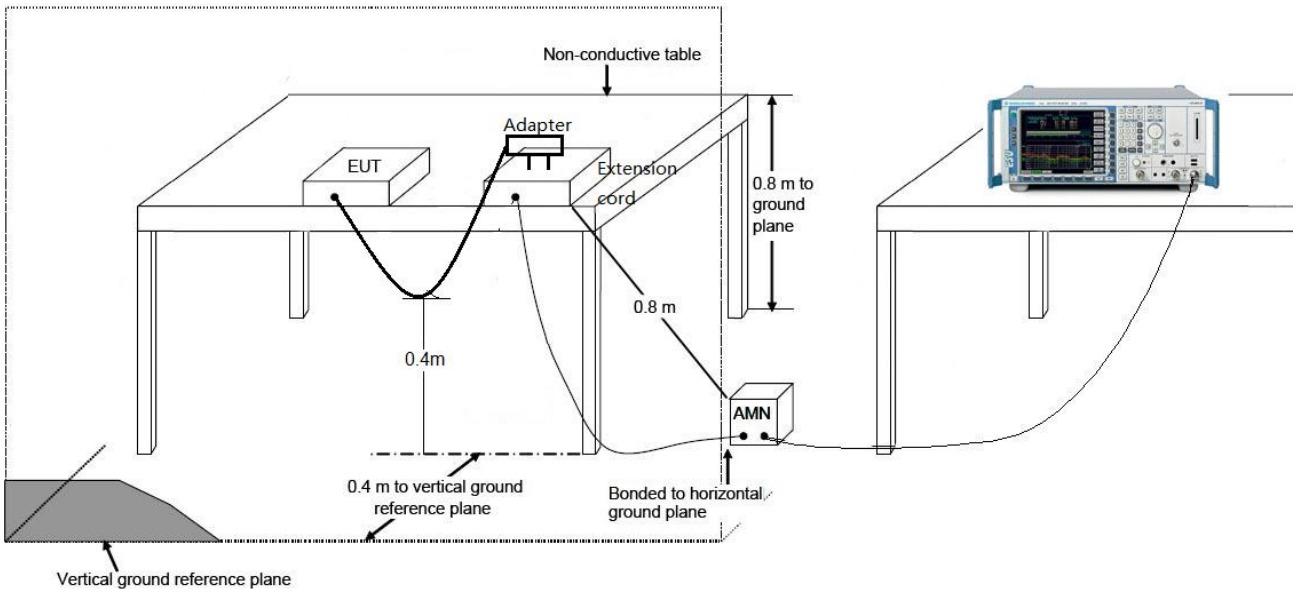
7.8.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 - 0.50	66 - 56	56 – 46
0.50 - 5.0	56	46
5.0 - 30	60	50

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

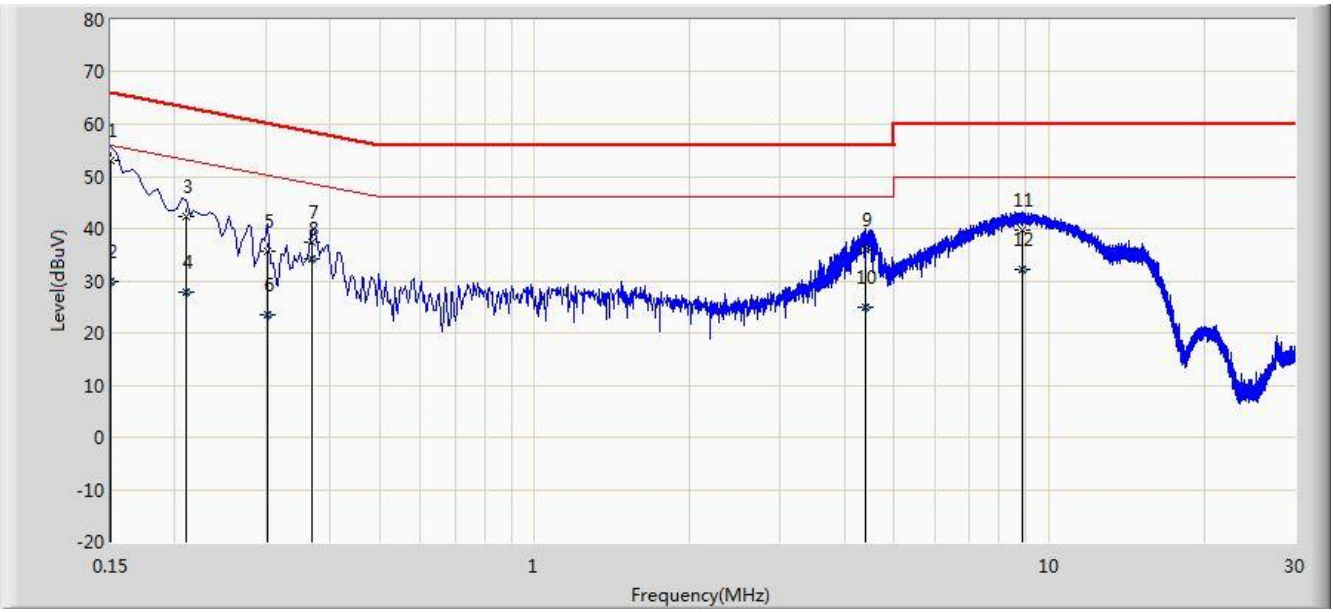
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2. Test Setup



7.8.3. Test Result

Site: SR2	Time: 2016/12/12 - 20:49
Limit: FCC_Part15.207_CE_AC Power	Engineer: Bruce Wang
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode 1	

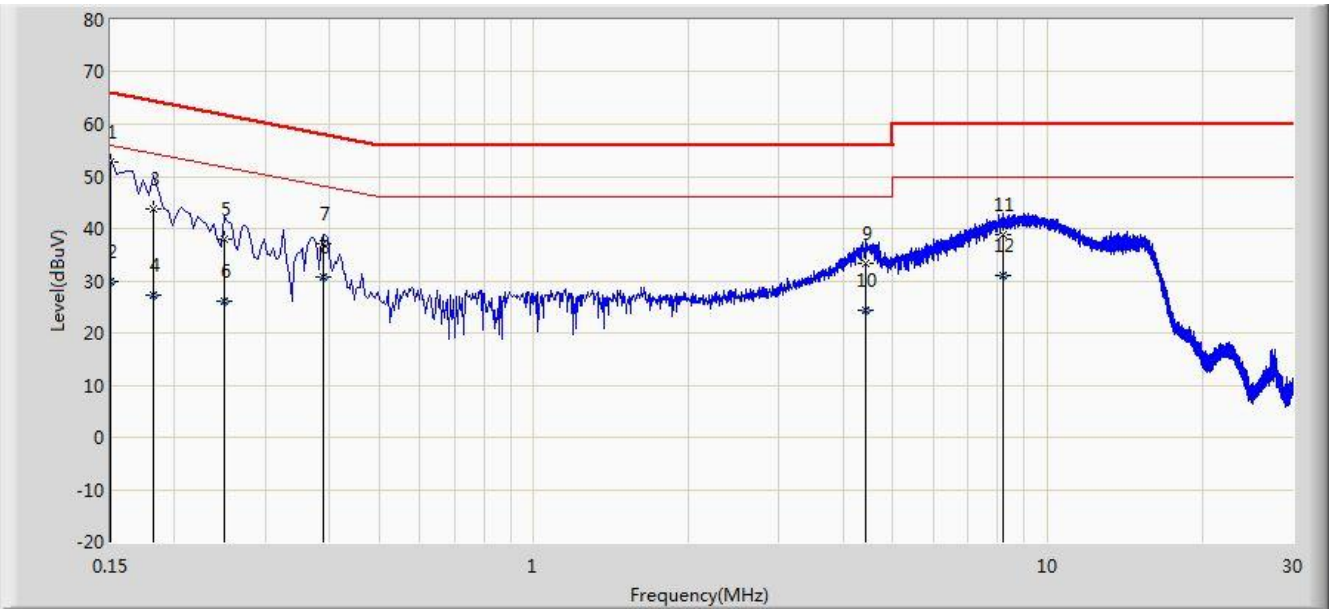


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.150	53.053	41.885	-12.947	66.000	11.168	QP
2			0.150	29.854	18.686	-26.146	56.000	11.168	AV
3			0.210	42.434	32.466	-20.771	63.205	9.969	QP
4			0.210	27.733	17.764	-25.473	53.205	9.969	AV
5			0.302	35.614	25.608	-24.574	60.188	10.006	QP
6			0.302	23.541	13.536	-26.646	50.188	10.006	AV
7			0.370	37.342	27.281	-21.159	58.501	10.061	QP
8			0.370	34.300	24.239	-14.201	48.501	10.061	AV
9			4.386	35.877	25.896	-20.123	56.000	9.982	QP
10			4.386	24.856	14.874	-21.144	46.000	9.982	AV
11			8.842	39.602	29.447	-20.398	60.000	10.155	QP
12			8.842	32.195	22.039	-17.805	50.000	10.155	AV

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

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

Site: SR2	Time: 2016/12/12 - 20:53
Limit: FCC_Part15.207_CE_AC Power	Engineer: Bruce Wang
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.150	52.697	41.555	-13.303	66.000	11.142	QP
2			0.150	29.728	18.586	-26.272	56.000	11.142	AV
3			0.182	43.673	33.631	-20.721	64.394	10.042	QP
4			0.182	27.291	17.249	-27.103	54.394	10.042	AV
5			0.250	38.050	28.049	-23.707	61.757	10.001	QP
6			0.250	26.192	16.191	-25.566	51.757	10.001	AV
7			0.390	37.144	27.040	-20.919	58.064	10.105	QP
8			0.390	30.603	20.498	-17.461	48.064	10.105	AV
9			4.426	33.195	23.202	-22.805	56.000	9.994	QP
10			4.426	24.234	14.241	-21.766	46.000	9.994	AV
11			8.170	38.703	28.518	-21.297	60.000	10.186	QP
12			8.170	31.050	20.864	-18.950	50.000	10.186	AV

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

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

8. CONCLUSION

The data collected relate only the item(s) tested and show that the **Indoor GPON HGU FCC ID: I88C424G** is in compliance with Part 15C of the FCC Rules.

The End