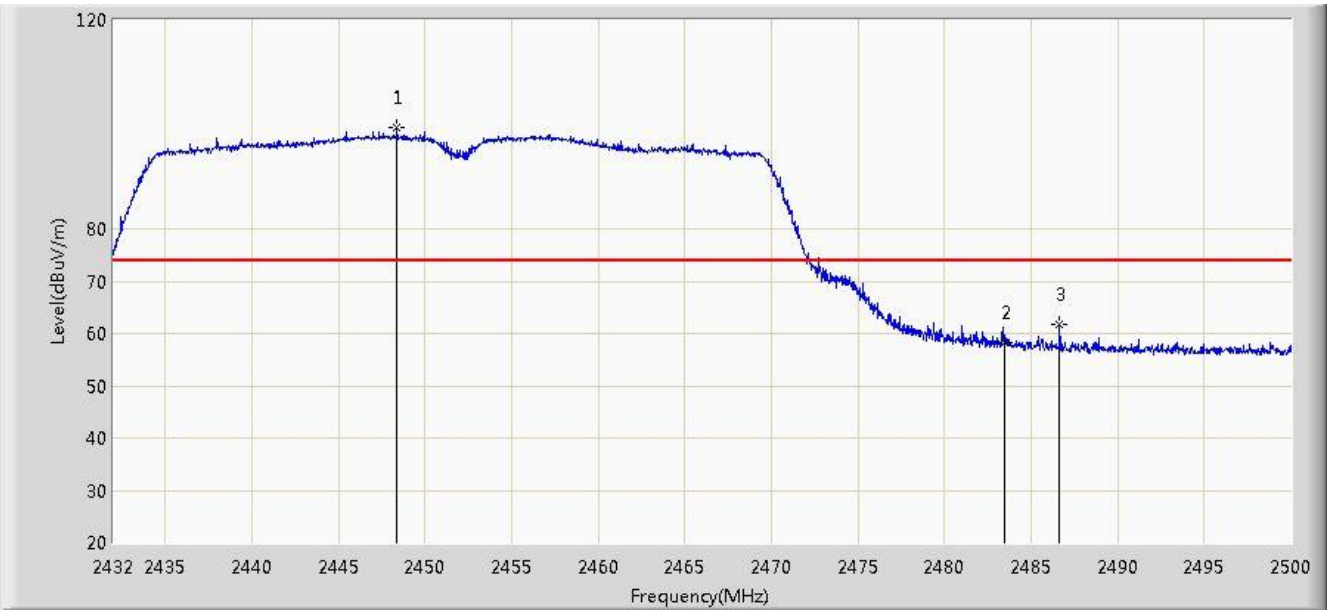
Site: AC1	Time: 2015/01/11 - 18:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2452MHz by 802.11n-HT40 Ant 1	

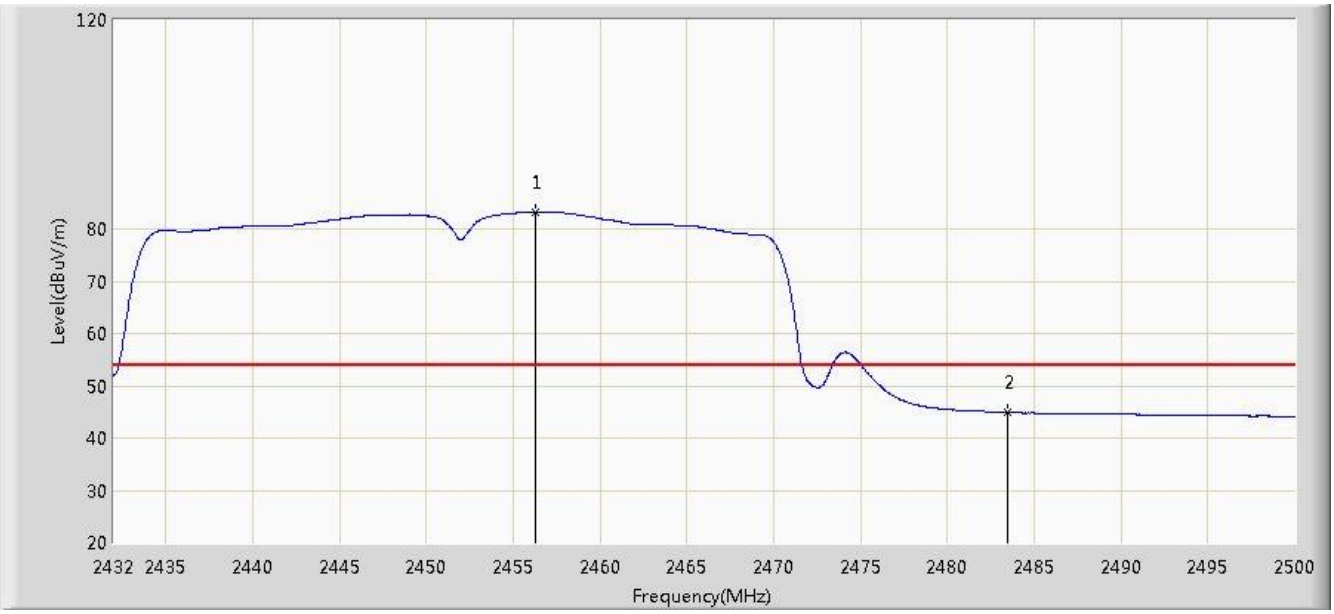


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2448.388	99.451	68.340	N/A	N/A	31.111	PK
2			2483.500	58.229	27.036	-15.771	74.000	31.194	PK
3			2486.638	61.635	30.433	-12.365	74.000	31.201	PK

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

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

Site: AC1	Time: 2015/01/11 - 18:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2452MHz by 802.11n-HT40 Ant 1	

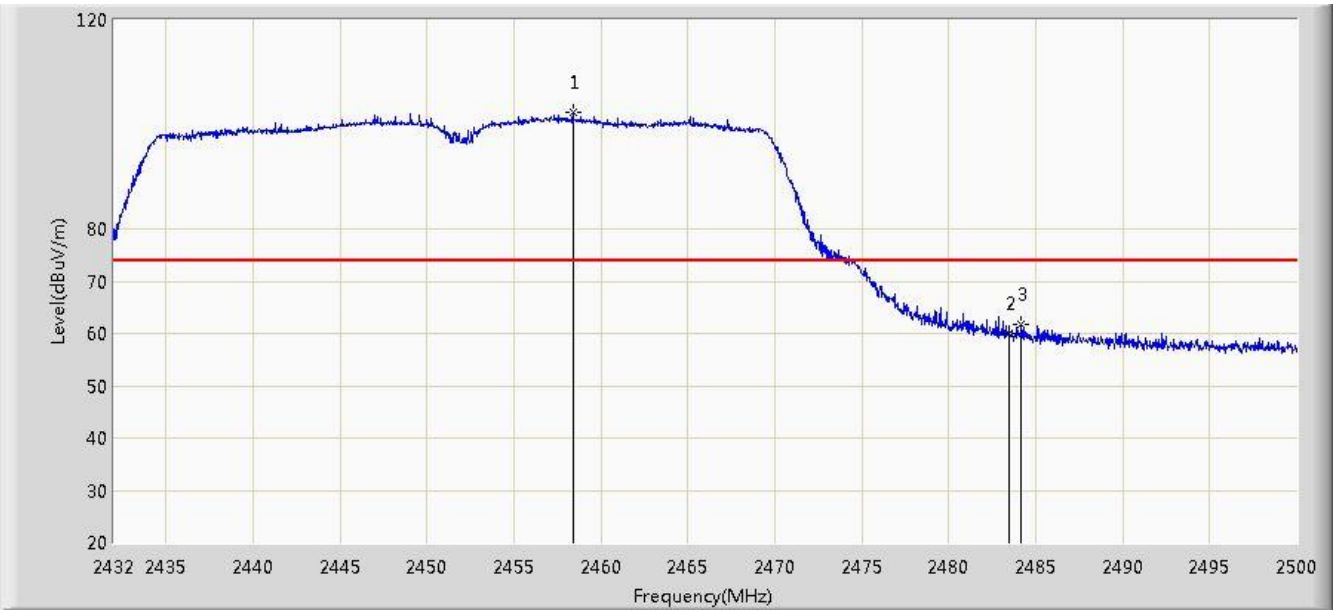


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.276	83.228	52.103	N/A	N/A	31.125	AV
2			2483.500	44.936	13.743	-9.064	54.000	31.194	AV

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

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

Site: AC1	Time: 2015/01/11 - 18:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2452MHz by 802.11n-HT40 Ant 1	

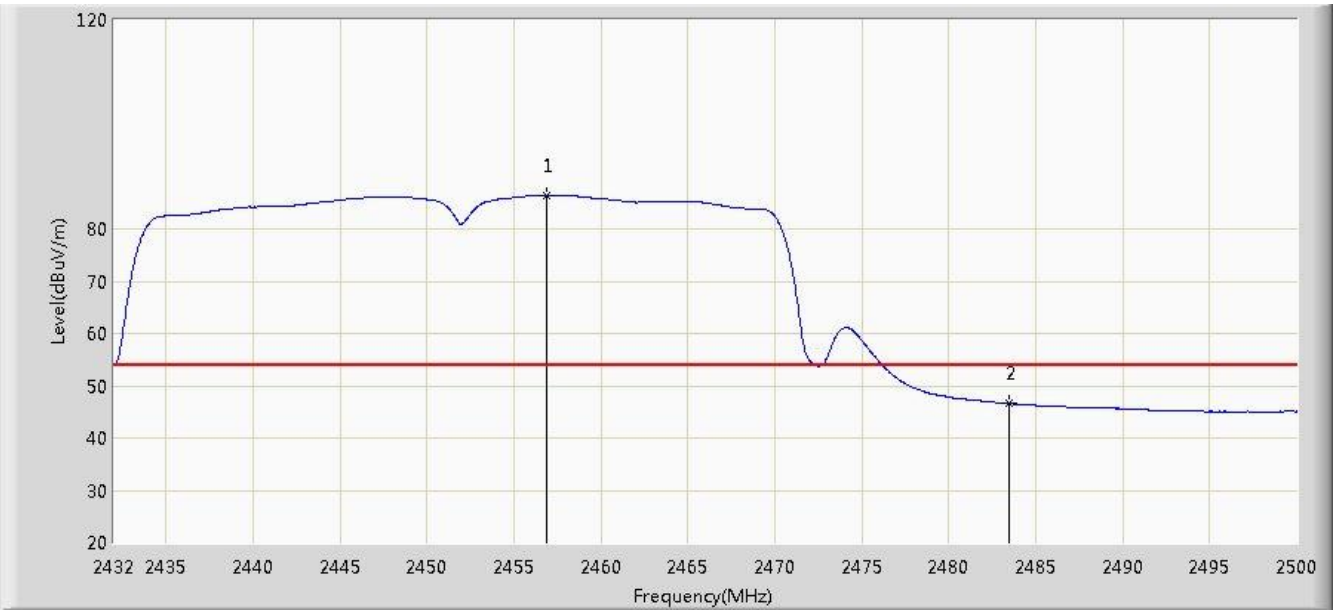


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.384	102.357	71.228	N/A	N/A	31.129	PK
2			2483.500	60.030	28.837	-13.970	74.000	31.194	PK
3			2484.190	61.707	30.512	-12.293	74.000	31.195	PK

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

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

Site: AC1	Time: 2015/01/11 - 18:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2452MHz by 802.11n-HT40 Ant 1	

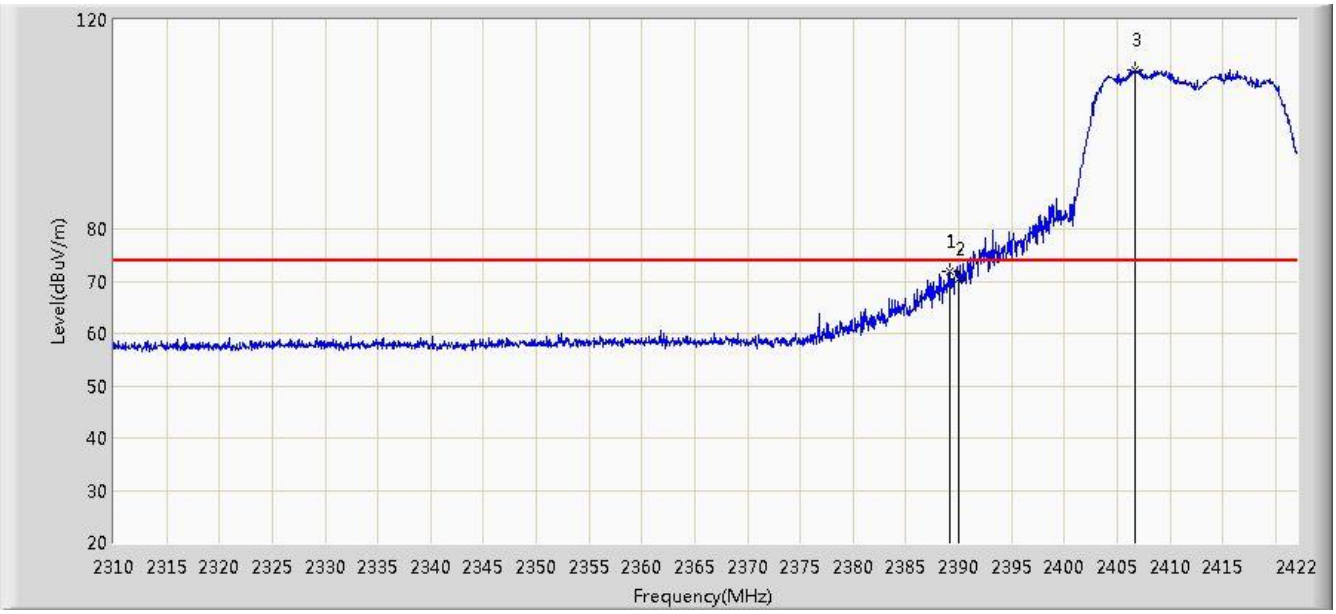


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.922	86.450	55.324	N/A	N/A	31.127	AV
2			2483.500	46.610	15.417	-7.390	54.000	31.194	AV

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

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

Site: AC1	Time: 2015/01/11 - 19:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2412MHz by 802.11n-HT20 Ant 0+1	

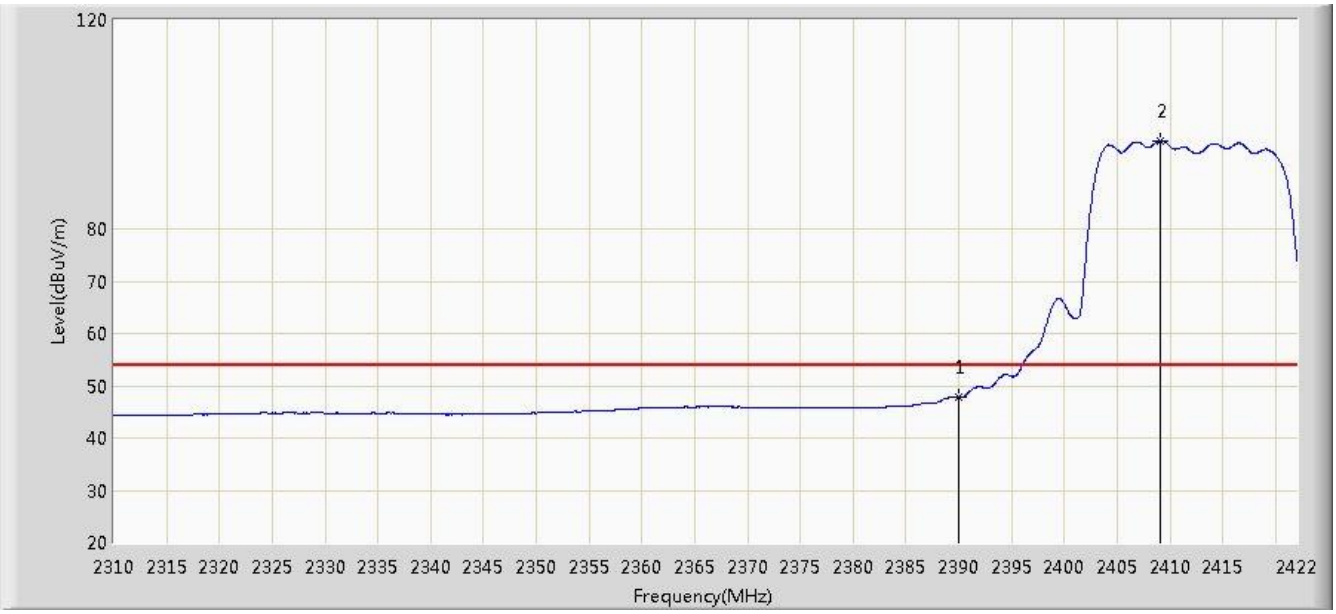


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.128	71.992	40.788	-2.008	74.000	31.204	PK
2			2390.000	70.304	39.101	-3.696	74.000	31.203	PK
3		*	2406.768	110.472	79.295	N/A	N/A	31.178	PK

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

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

Site: AC1	Time: 2015/01/11 - 19:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2412MHz by 802.11n-HT20 Ant 0+1	

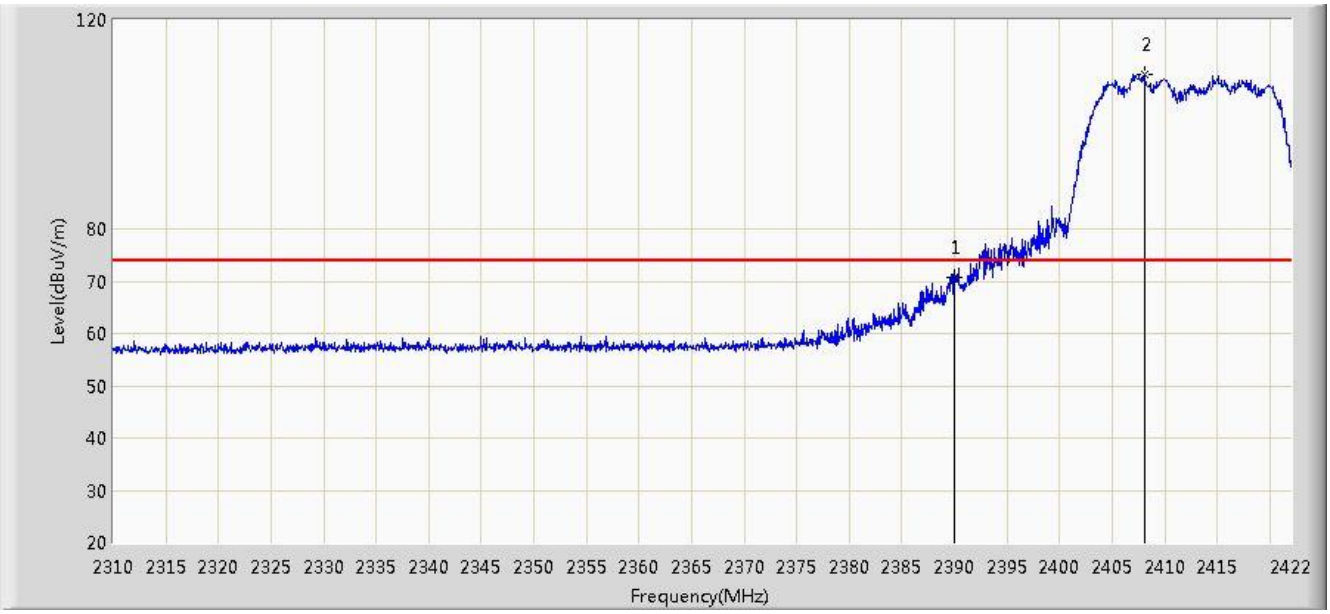


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.784	16.581	-6.216	54.000	31.203	AV
2		*	2409.064	96.868	65.694	N/A	N/A	31.174	AV

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

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

Site: AC1	Time: 2015/01/11 - 19:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2412MHz by 802.11n-HT20 Ant 0+1	

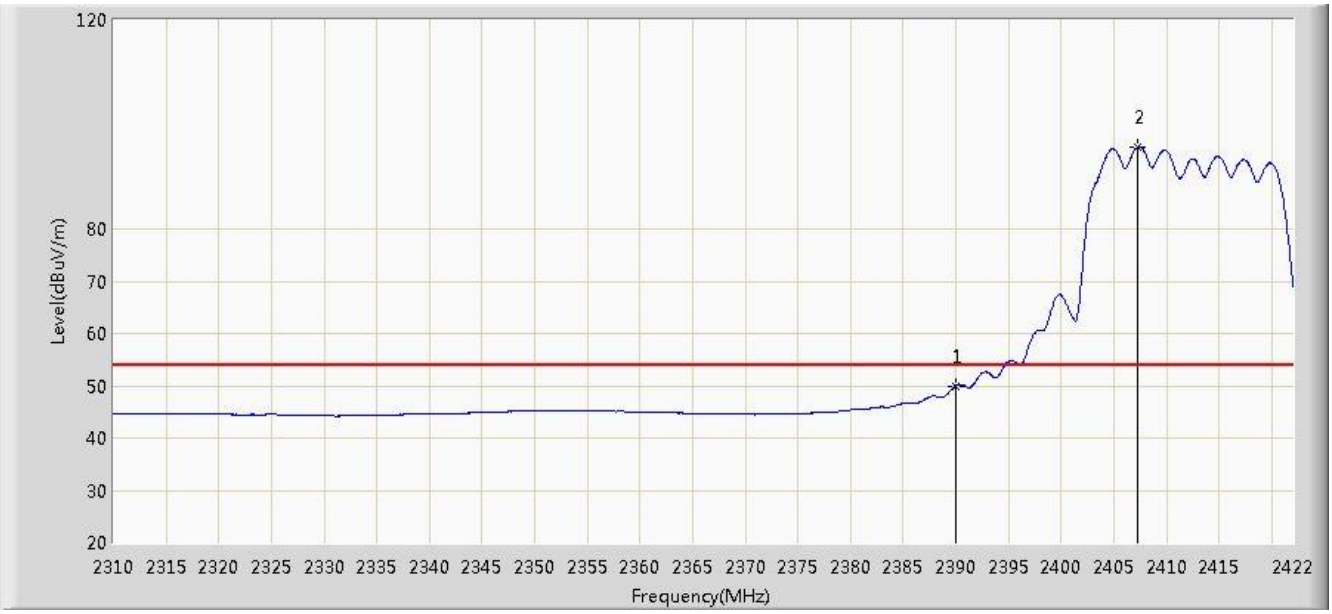


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	70.714	39.511	-3.286	74.000	31.203	PK
2		*	2408.056	109.636	78.461	N/A	N/A	31.176	PK

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

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

Site: AC1	Time: 2015/01/11 - 19:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2412MHz by 802.11n-HT20 Ant 0+1	

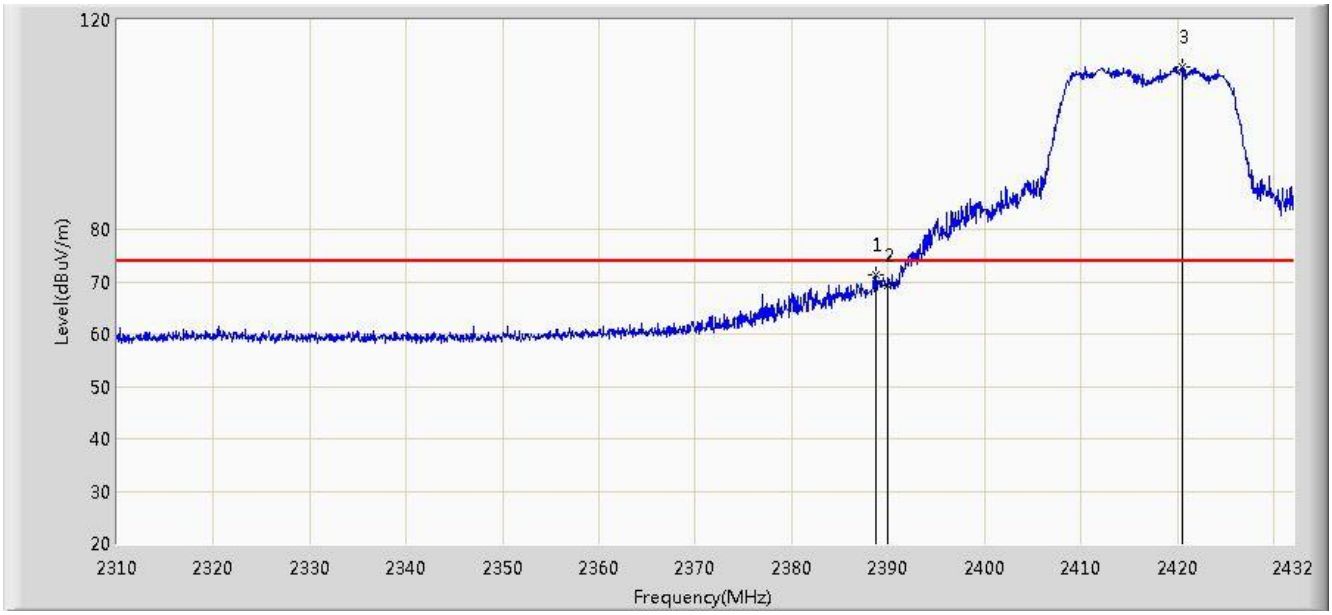


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	49.993	18.790	-4.007	54.000	31.203	AV
2		*	2407.328	95.740	64.564	N/A	N/A	31.176	AV

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

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

Site: AC1	Time: 2015/02/04 - 20:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2417MHz by 802.11n-HT20 Ant 0+1	

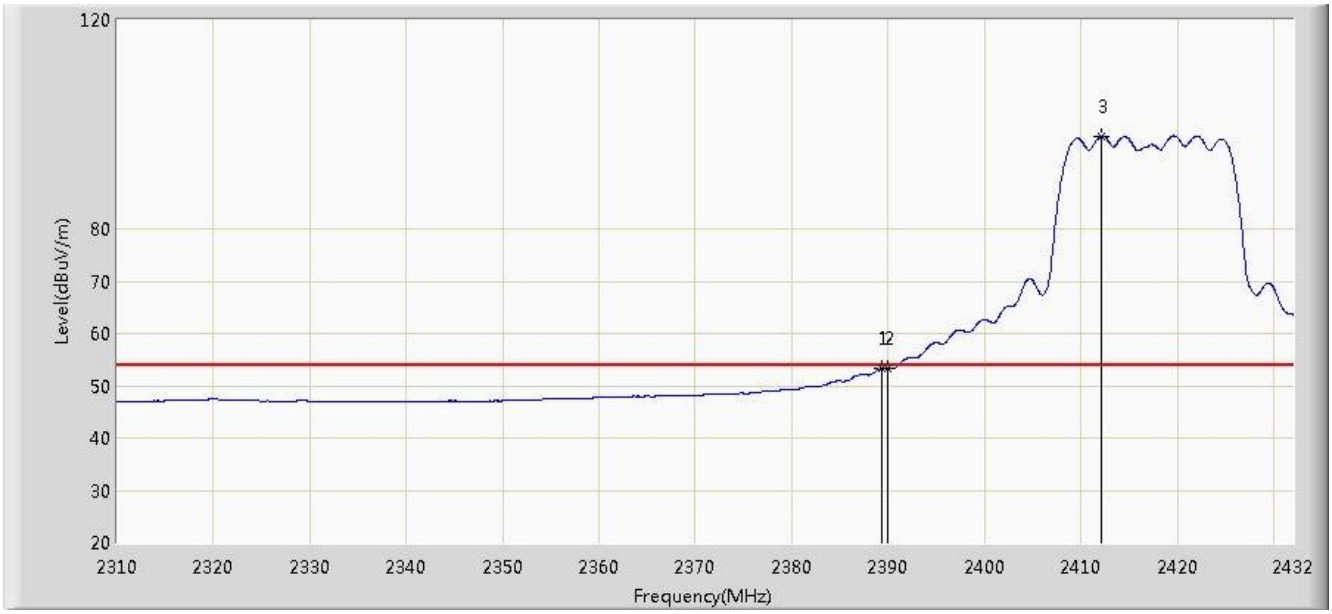


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.690	71.241	40.036	-2.759	74.000	31.205	PK
2			2390.000	69.173	37.970	-4.827	74.000	31.203	PK
3		*	2420.471	111.003	79.848	N/A	N/A	31.155	PK

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

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

Site: AC1	Time: 2015/02/04 - 20:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2417MHz by 802.11n-HT20 Ant 0+1	

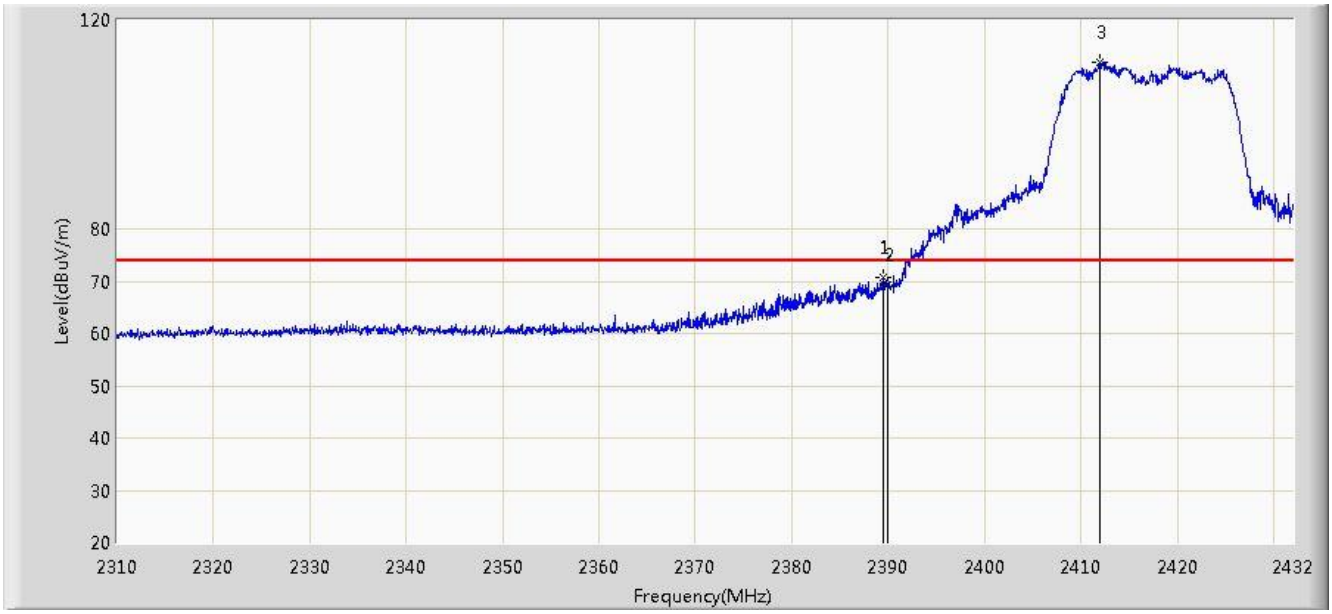


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.422	53.386	22.182	-0.614	54.000	31.203	AV
2			2390.000	53.363	22.160	-0.637	54.000	31.203	AV
3		*	2412.175	97.799	66.630	N/A	N/A	31.169	AV

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

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

Site: AC1	Time: 2015/02/04 - 20:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2417MHz by 802.11n-HT20 Ant 0+1	

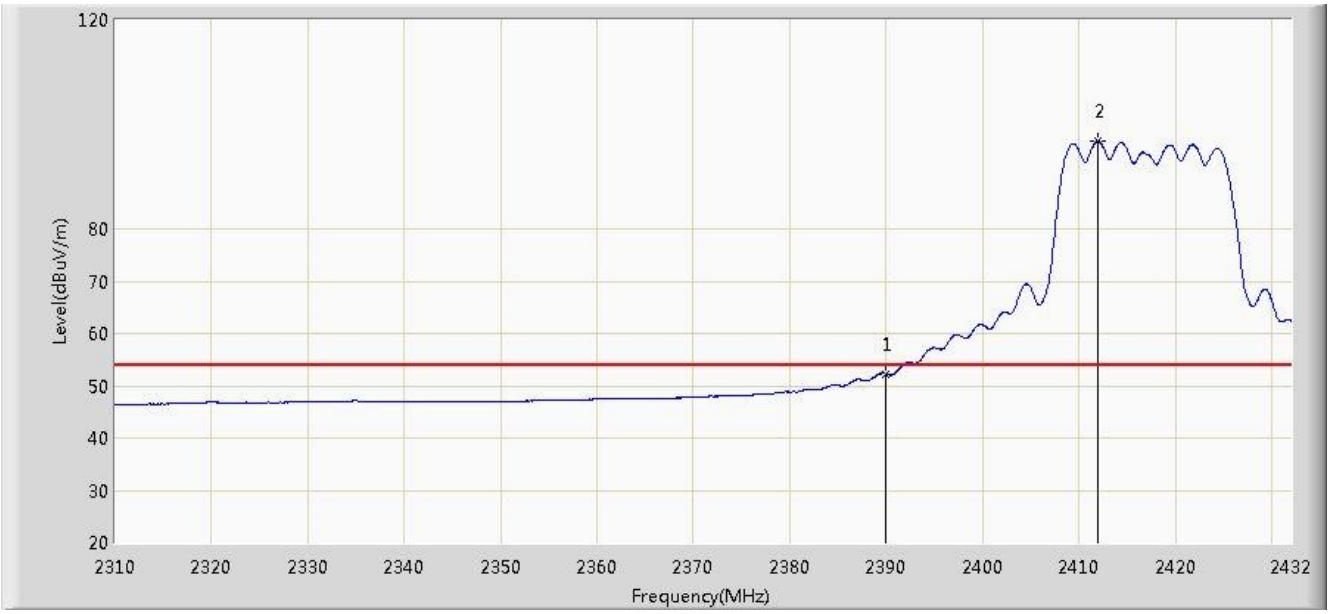


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.483	70.688	39.484	-3.312	74.000	31.204	PK
2			2390.000	69.137	37.934	-4.863	74.000	31.203	PK
3		*	2411.931	111.906	80.736	N/A	N/A	31.170	PK

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

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

Site: AC1	Time: 2015/02/04 - 20:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2417MHz by 802.11n-HT20 Ant 0+1	

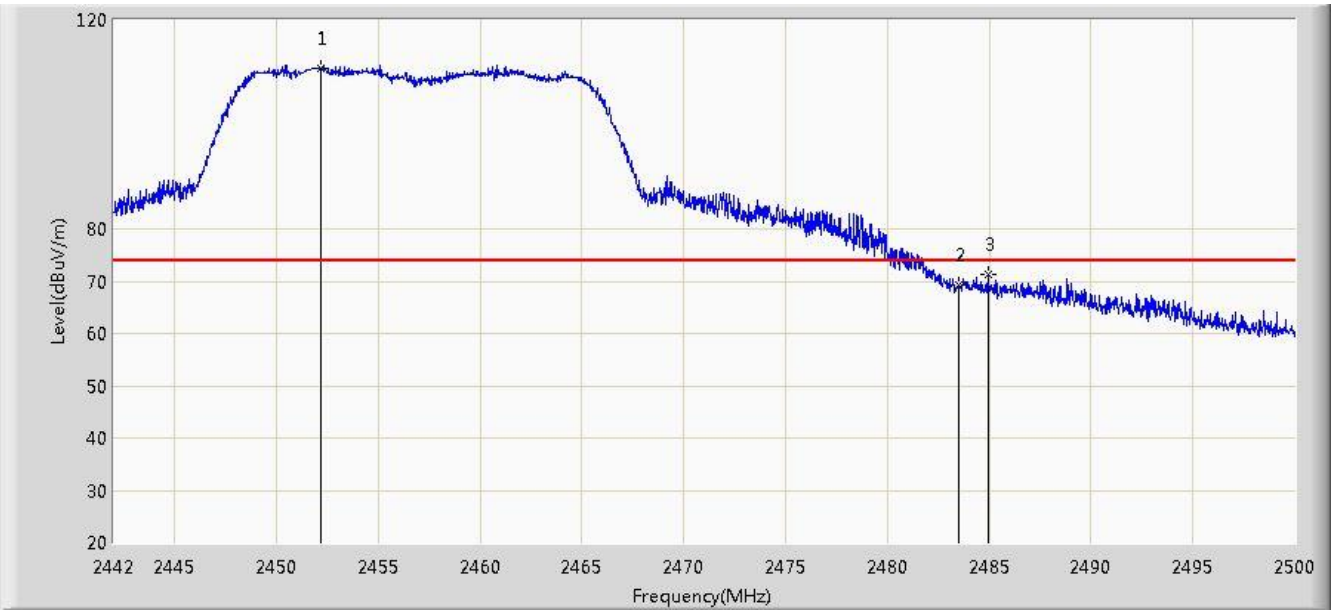


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.259	21.056	-1.741	54.000	31.203	AV
2		*	2411.992	96.737	65.567	N/A	N/A	31.170	AV

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

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

Site: AC1	Time: 2015/02/04 - 21:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2457MHz by 802.11n-HT20 Ant 0+1	

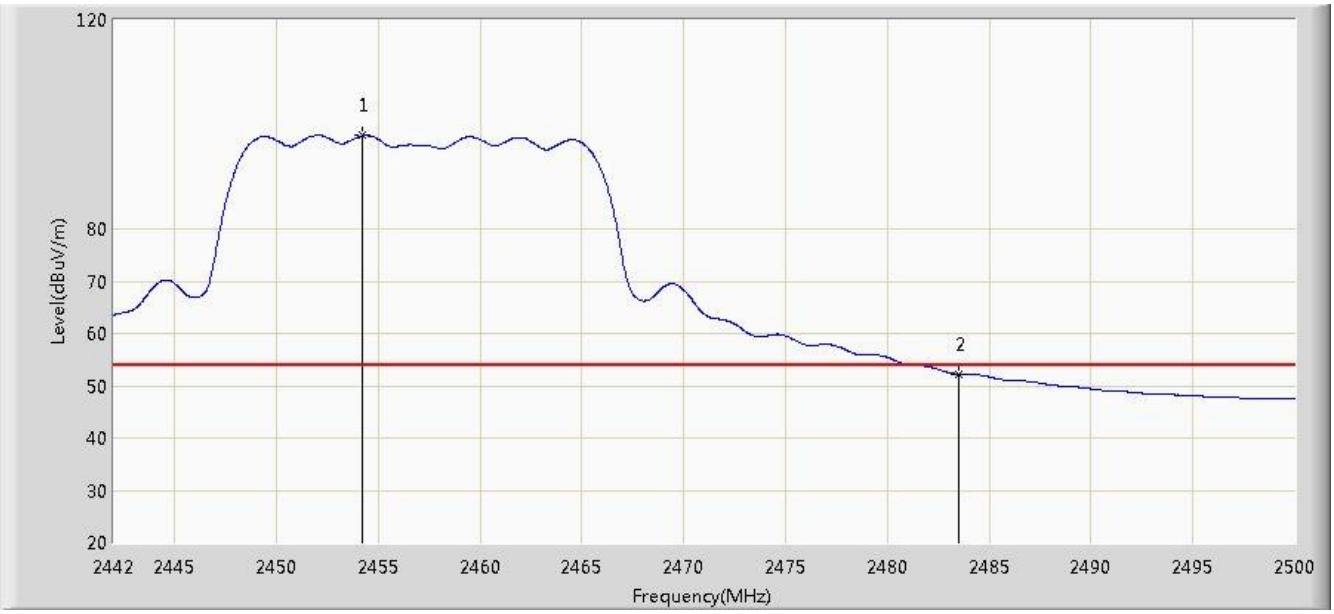


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2452.150	110.846	79.728	N/A	N/A	31.117	PK
2			2483.500	69.153	37.960	-4.847	74.000	31.194	PK
3			2484.920	71.427	40.230	-2.573	74.000	31.197	PK

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

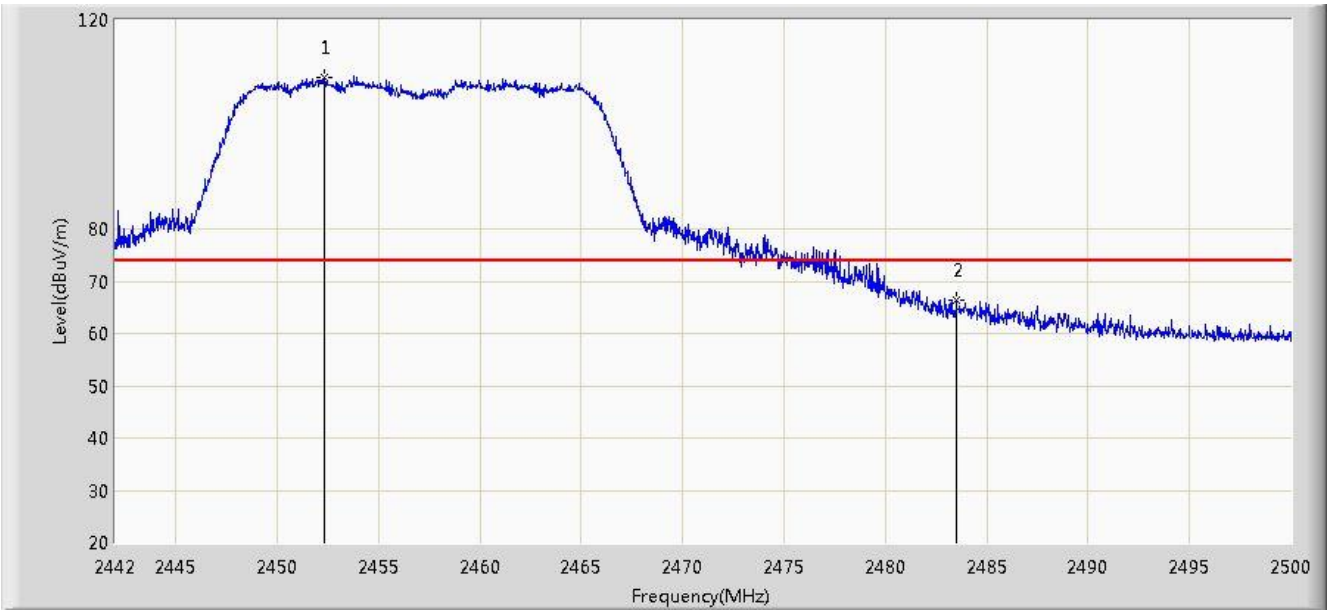
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

Profile: 2.4G Bandedge&RSE Averagr	Page No.: 243
Site: AC1	Time: 2015/02/04 - 21:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2457MHz by 802.11n-HT20 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		*	2454.238	97.875	66.753	N/A	N/A	31.121	AV
2			2483.500	52.239	21.046	-1.761	54.000	31.194	AV

Site: AC1	Time: 2015/02/04 - 21:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2457MHz by 802.11n-HT20 Ant 0+1	

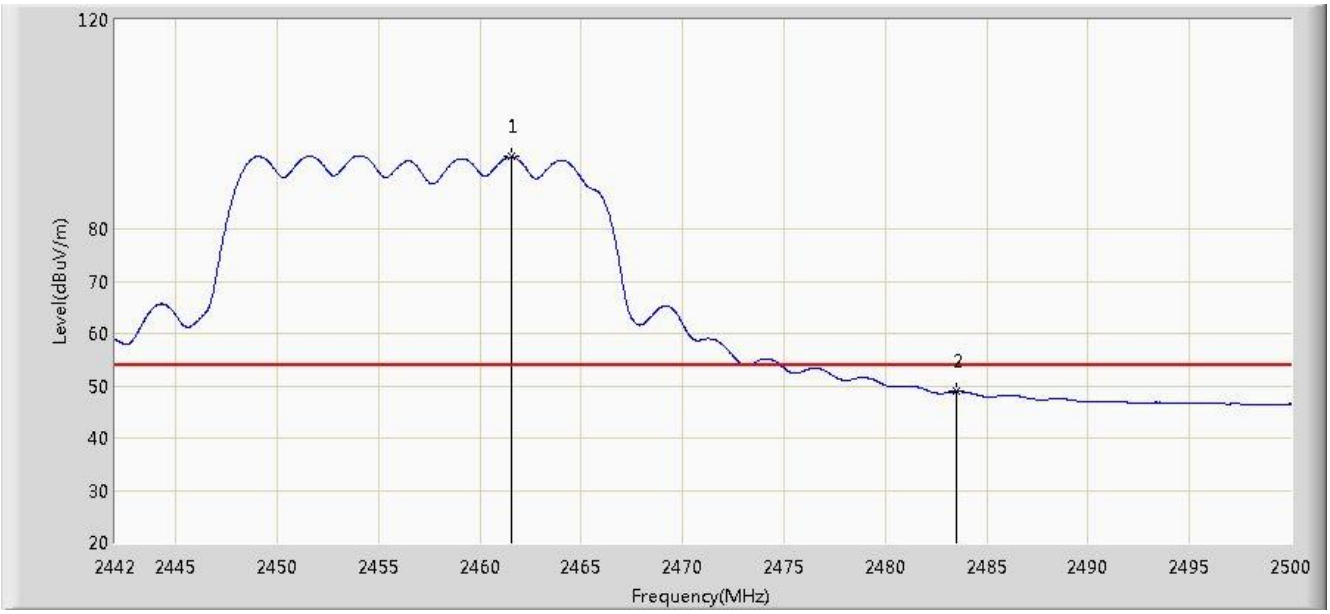


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2452.353	109.019	77.901	N/A	N/A	31.118	PK
2			2483.500	66.310	35.117	-7.690	74.000	31.194	PK

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

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

Site: AC1	Time: 2015/02/04 - 21:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2457MHz by 802.11n-HT20 Ant 0+1	

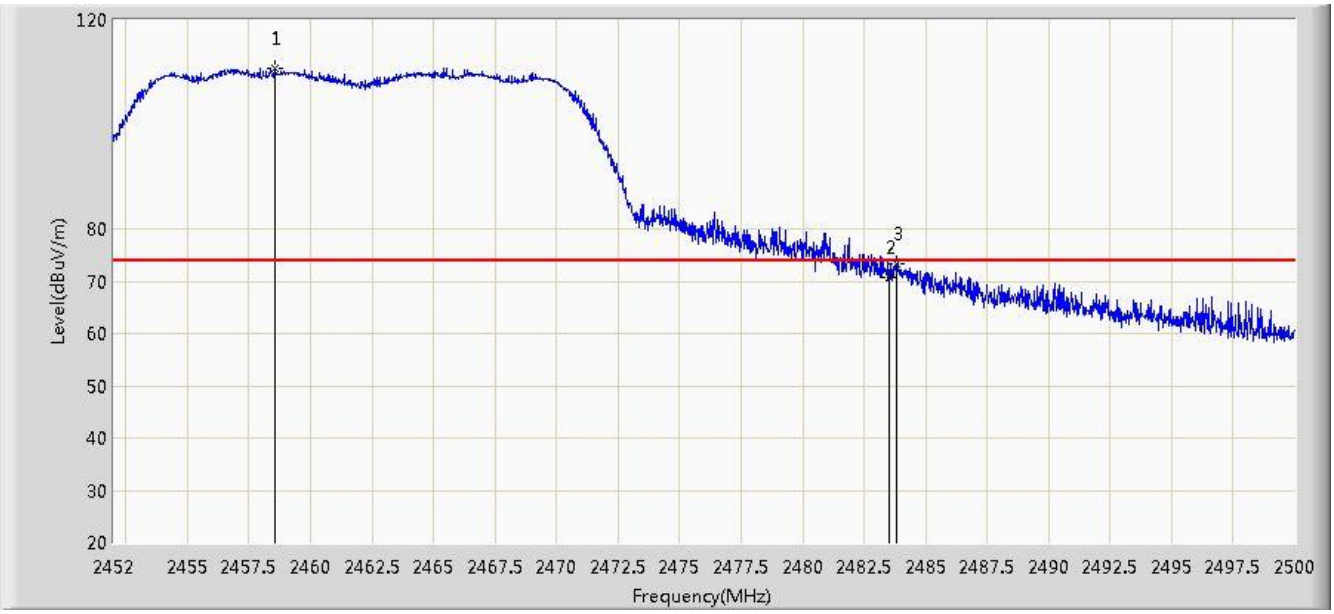


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.546	93.799	62.664	N/A	N/A	31.135	AV
2			2483.500	48.905	17.712	-5.095	54.000	31.194	AV

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

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

Site: AC1	Time: 2015/01/11 - 19:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2462MHz by 802.11n-HT20 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		*	2458.576	110.613	79.484	N/A	N/A	31.129	PK
2			2483.500	70.685	39.492	-3.315	74.000	31.194	PK
3			2483.848	73.431	42.237	-0.569	74.000	31.194	PK

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

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

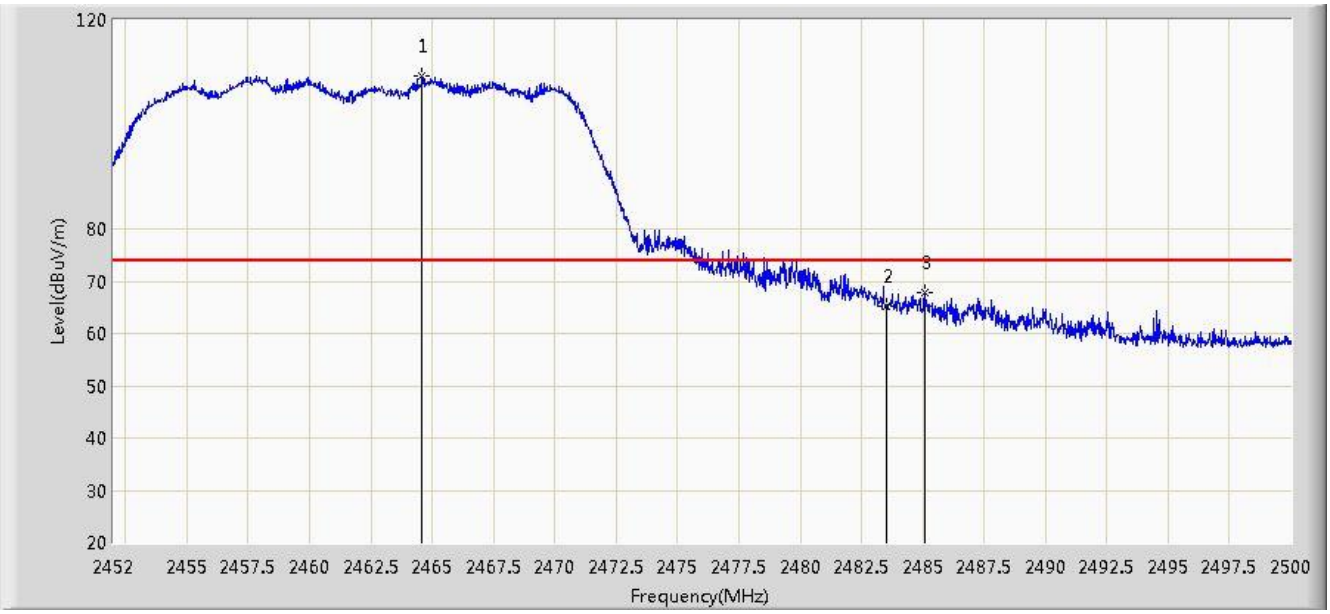
Site: AC1	Time: 2015/01/11 - 19:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2462MHz by 802.11n-HT20 Ant 0+1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.752	97.424	66.298	N/A	N/A	31.126	AV
2			2483.500	50.594	19.401	-3.406	54.000	31.194	AV

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

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

Site: AC1	Time: 2015/01/11 - 19:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2462MHz by 802.11n-HT20 Ant 0+1	

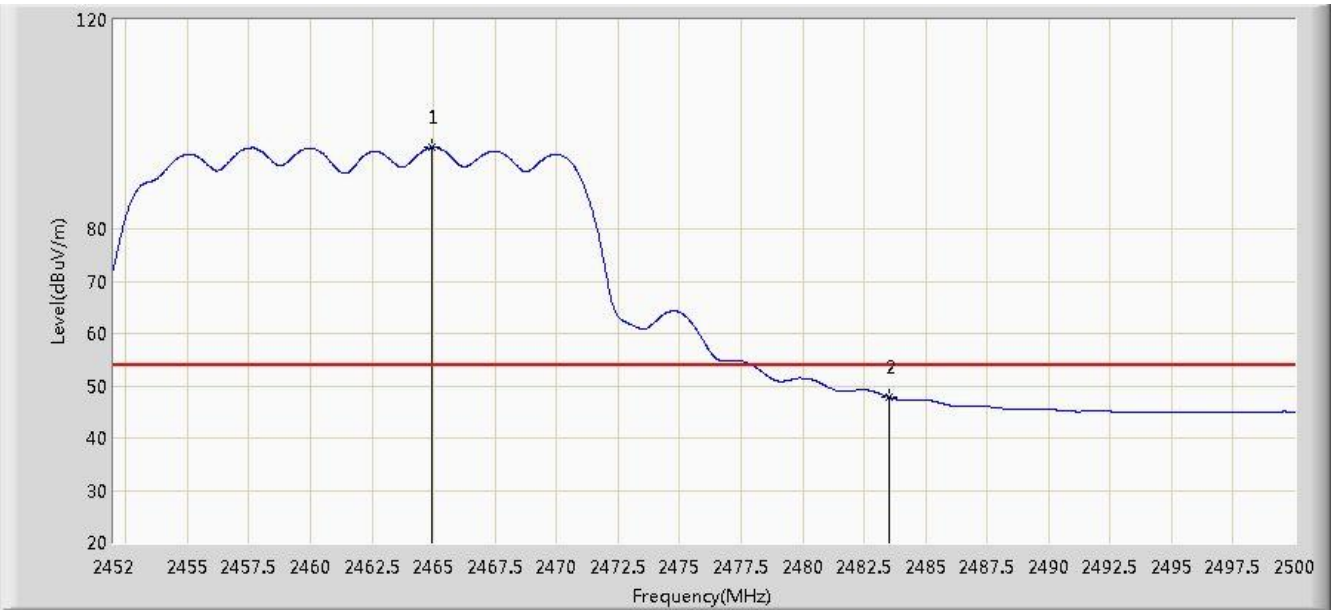


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2464.600	109.188	78.047	N/A	N/A	31.141	PK
2			2483.500	65.283	34.090	-8.717	74.000	31.194	PK
3			2485.096	67.795	36.597	-6.205	74.000	31.198	PK

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

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

Site: AC1	Time: 2015/01/11 - 19:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2462MHz by 802.11n-HT20 Ant 0+1	

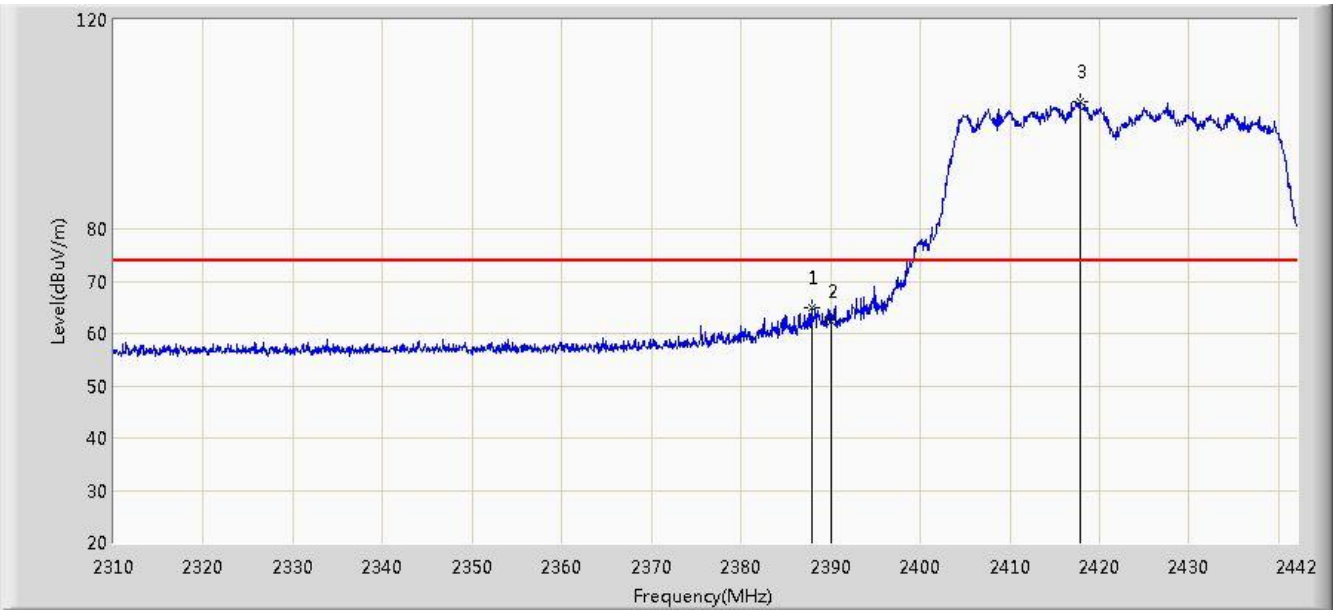


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2464.960	95.589	64.447	N/A	N/A	31.142	AV
2			2483.500	47.881	16.688	-6.119	54.000	31.194	AV

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

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

Site: AC1	Time: 2015/01/11 - 19:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2422MHz by 802.11n-HT40 Ant 0+1	

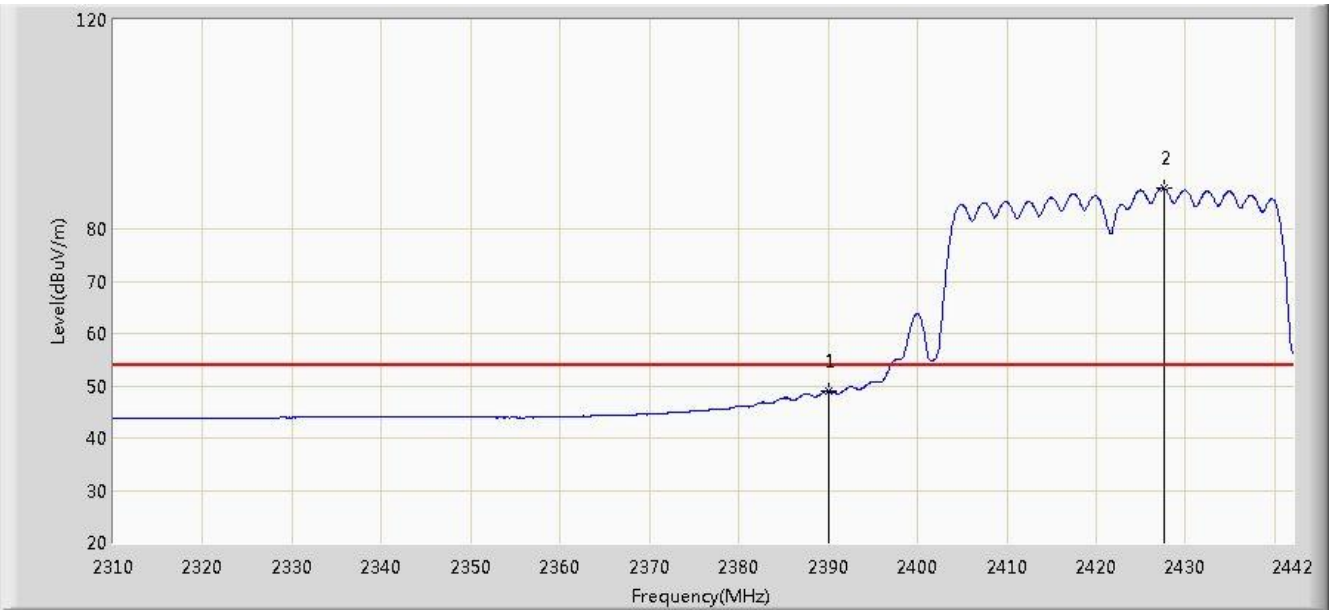


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.880	65.008	33.801	-8.992	74.000	31.206	PK
2			2390.000	62.412	31.209	-11.588	74.000	31.203	PK
3		*	2417.778	104.447	73.287	N/A	N/A	31.159	PK

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

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

Site: AC1	Time: 2015/01/11 - 19:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2422MHz by 802.11n-HT40 Ant 0+1	

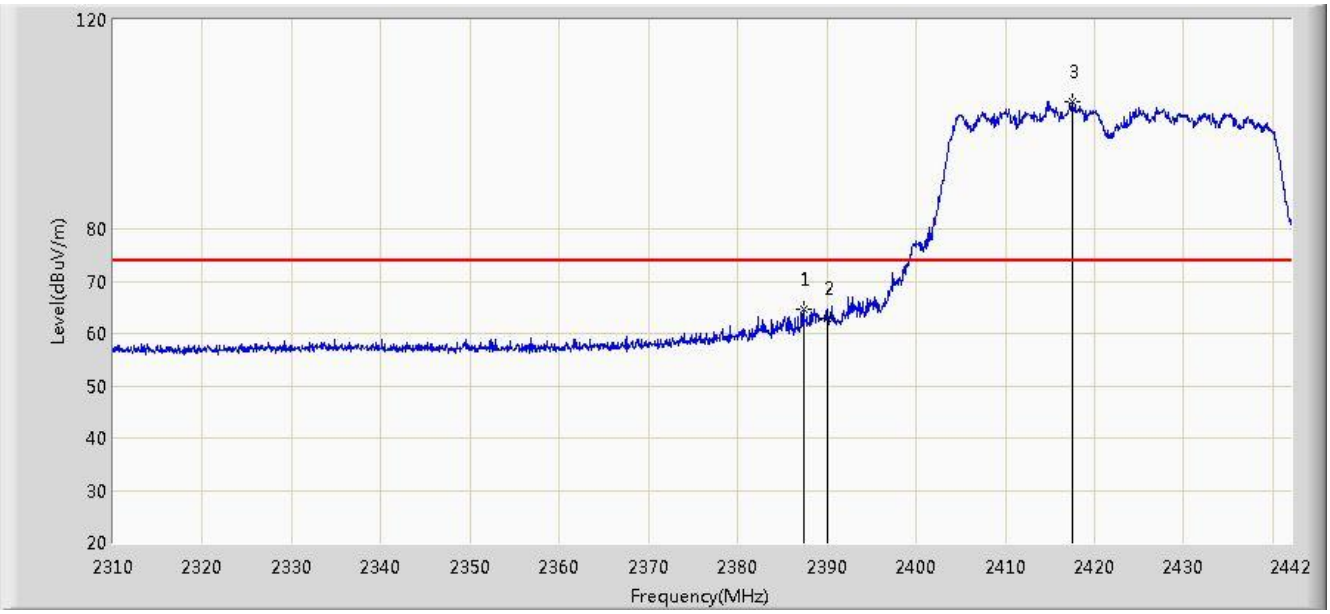


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.963	17.760	-5.037	54.000	31.203	AV
2		*	2427.546	87.923	56.780	N/A	N/A	31.143	AV

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

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

Site: AC1	Time: 2015/01/11 - 19:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2422MHz by 802.11n-HT40 Ant 0+1	

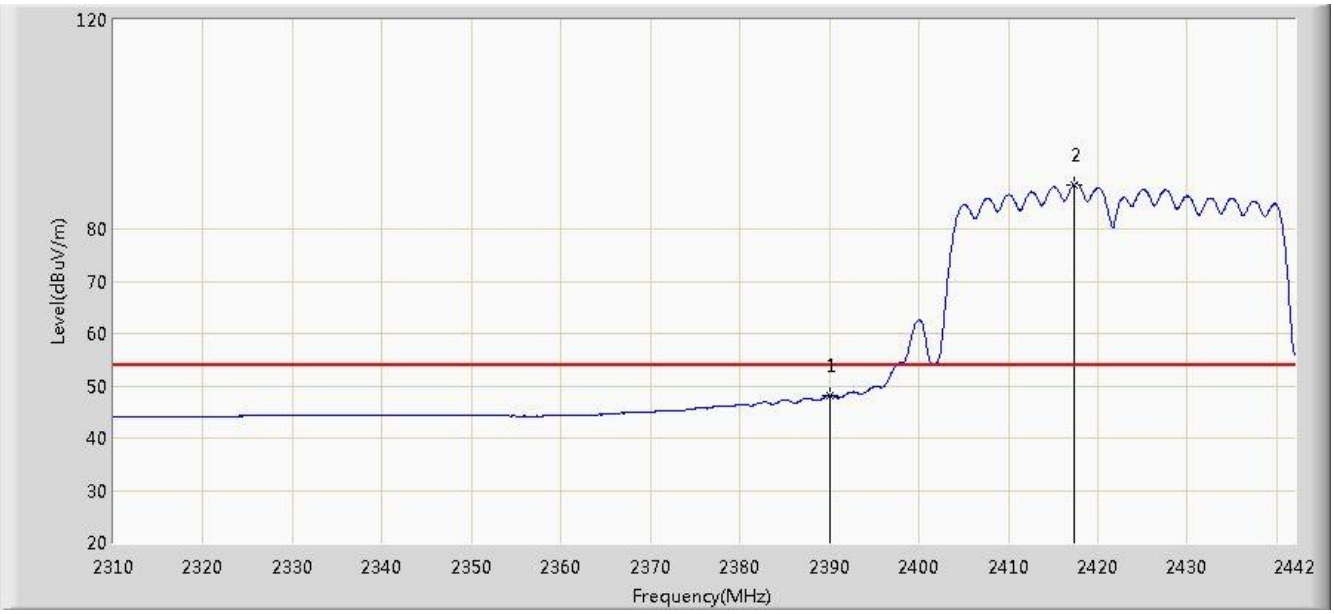


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.352	64.639	33.431	-9.361	74.000	31.208	PK
2			2390.000	63.036	31.833	-10.964	74.000	31.203	PK
3		*	2417.448	104.248	73.088	N/A	N/A	31.160	PK

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

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

Site: AC1	Time: 2015/01/11 - 19:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2422MHz by 802.11n-HT40 Ant 0+1	

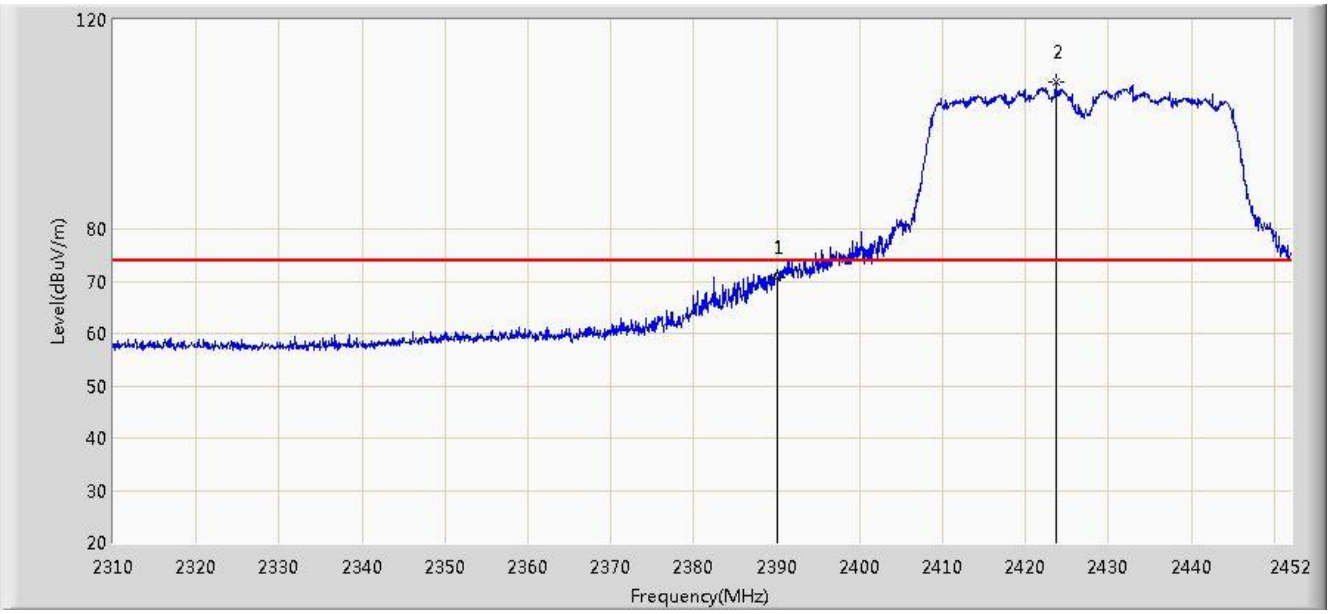


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.095	16.892	-5.905	54.000	31.203	AV
2		*	2417.382	88.542	57.382	N/A	N/A	31.160	AV

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

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

Site: AC1	Time: 2015/01/11 - 19:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2427MHz by 802.11n-HT40 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	70.804	39.601	-3.196	74.000	31.203	PK
2		*	2423.671	108.175	77.026	N/A	N/A	31.149	PK

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

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

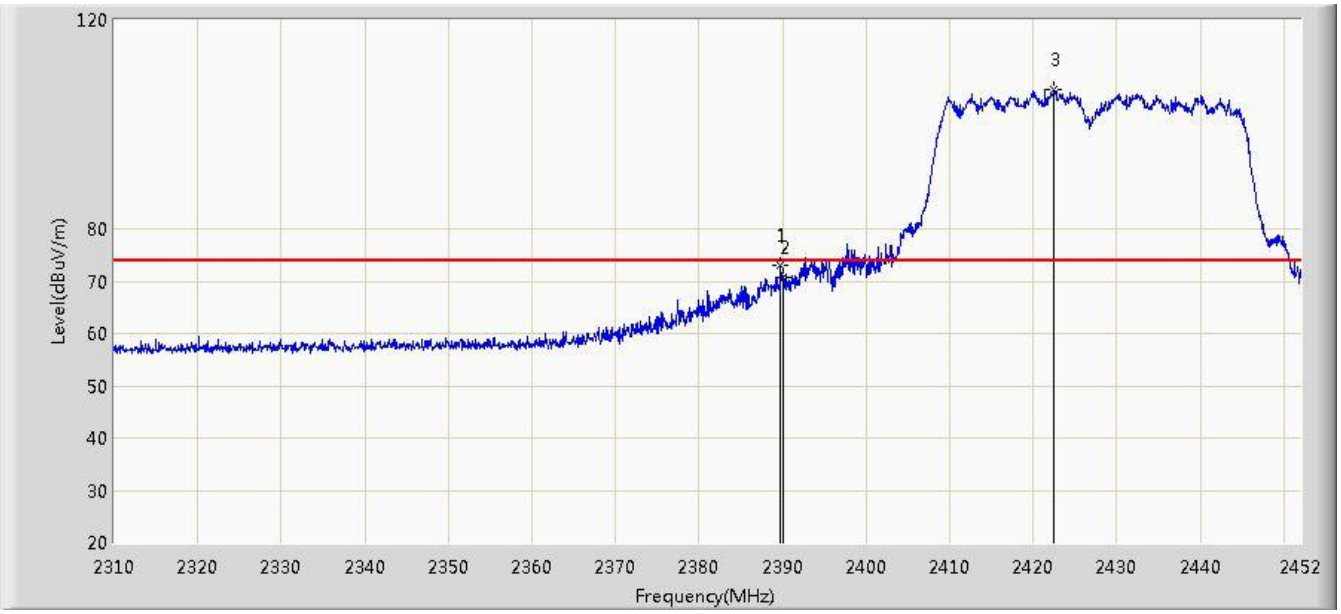
Site: AC1	Time: 2015/01/11 - 19:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2427MHz by 802.11n-HT40 Ant 0+1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.667	19.464	-3.333	54.000	31.203	AV
2		*	2431.623	90.283	59.148	N/A	N/A	31.135	AV

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

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

Site: AC1	Time: 2015/01/11 - 19:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2427MHz by 802.11n-HT40 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			2389.804	72.983	41.780	-1.017	74.000	31.203	PK
2			2390.000	70.733	39.530	-3.267	74.000	31.203	PK
3		*	2422.535	106.611	75.460	N/A	N/A	31.151	PK

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

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

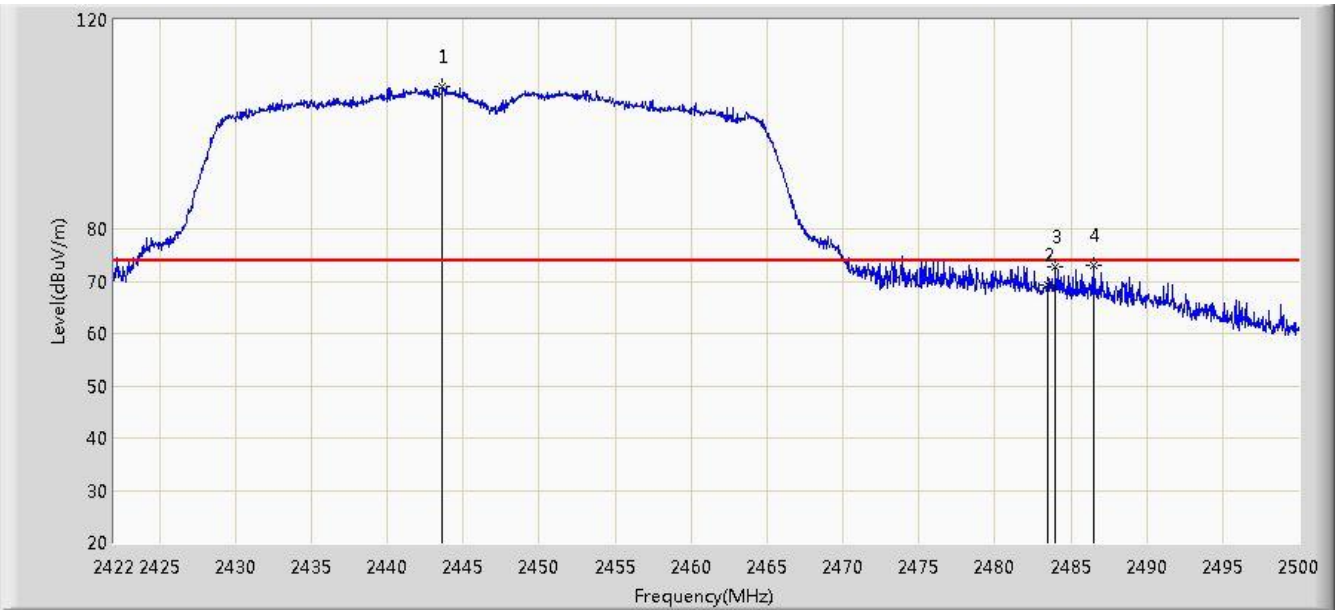
Site: AC1	Time: 2015/01/11 - 19:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2427MHz by 802.11n-HT40 Ant 0+1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.290	21.087	-1.710	54.000	31.203	AV
2		*	2422.393	90.395	59.243	N/A	N/A	31.151	AV

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

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

Site: AC1	Time: 2015/01/11 - 19:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2447MHz by 802.11n-HT40 Ant 0+1	

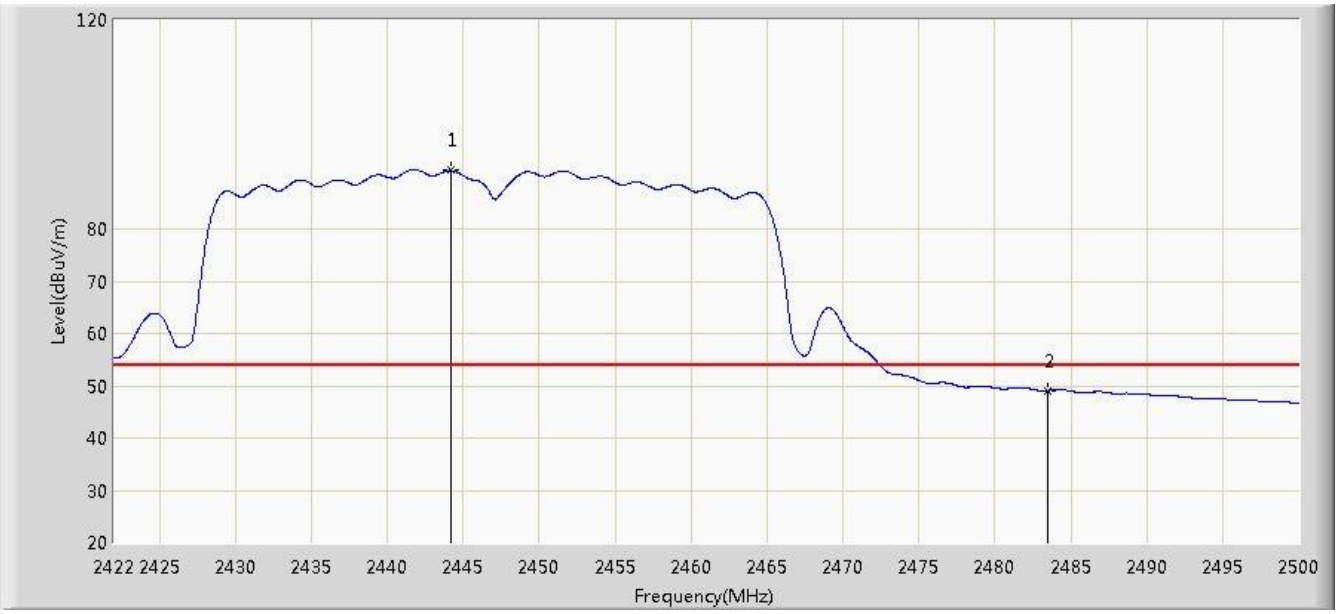


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2443.645	107.129	76.018	N/A	N/A	31.111	PK
2			2483.500	69.359	38.166	-4.641	74.000	31.194	PK
3			2483.971	72.830	41.635	-1.170	74.000	31.194	PK
4			2486.545	72.958	41.757	-1.042	74.000	31.201	PK

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

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

Site: AC1	Time: 2015/01/11 - 19:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2447MHz by 802.11n-HT40 Ant 0+1	

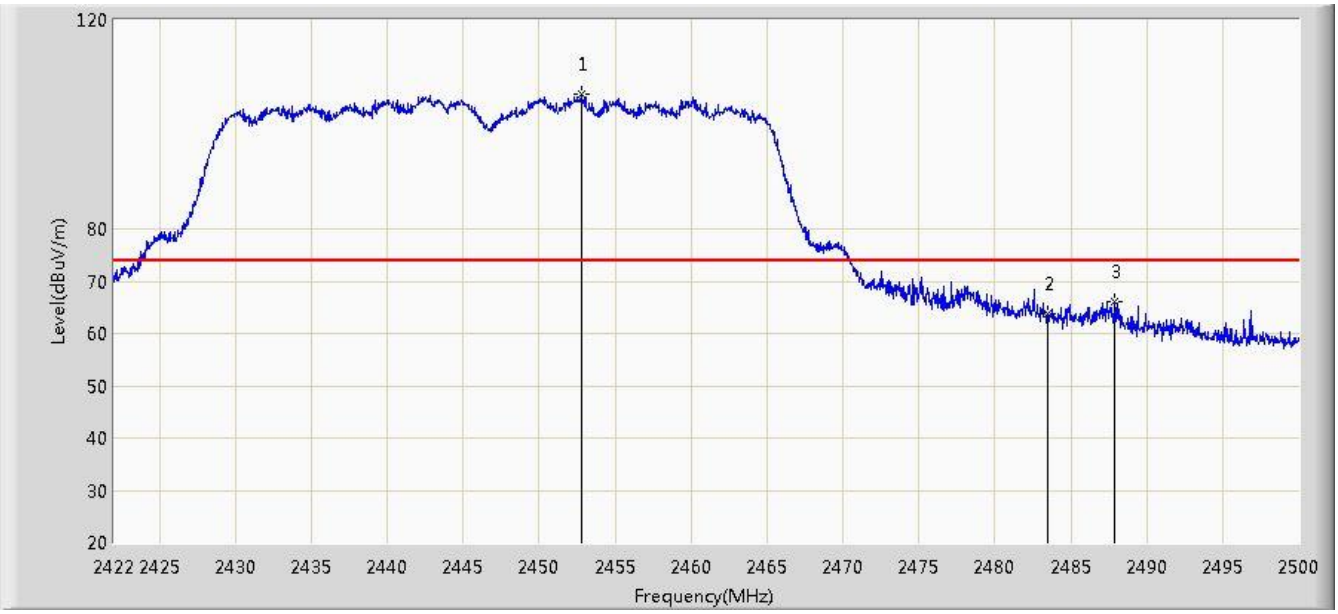


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2444.152	91.166	60.056	N/A	N/A	31.111	AV
2			2483.500	49.091	17.898	-4.909	54.000	31.194	AV

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

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

Site: AC1	Time: 2015/01/11 - 19:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2447MHz by 802.11n-HT40 Ant 0+1	

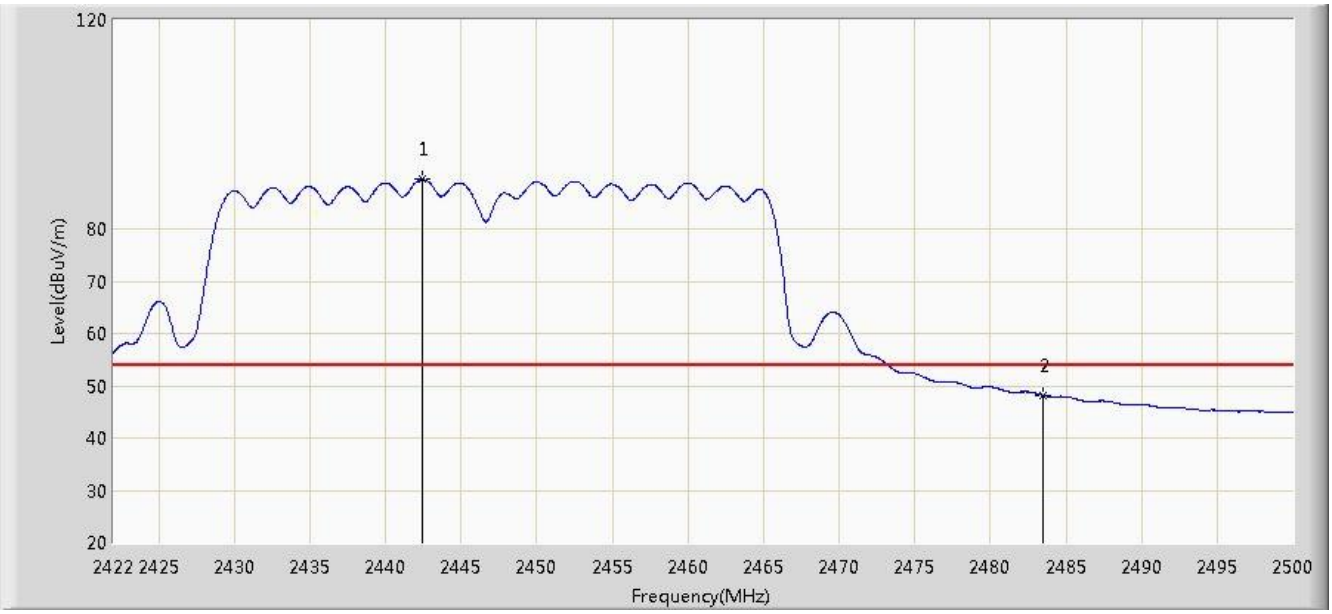


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2452.771	105.728	74.609	N/A	N/A	31.119	PK
2			2483.500	63.819	32.626	-10.181	74.000	31.194	PK
3			2487.871	66.231	35.026	-7.769	74.000	31.205	PK

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

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

Site: AC1	Time: 2015/01/11 - 19:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2447MHz by 802.11n-HT40 Ant 0+1	

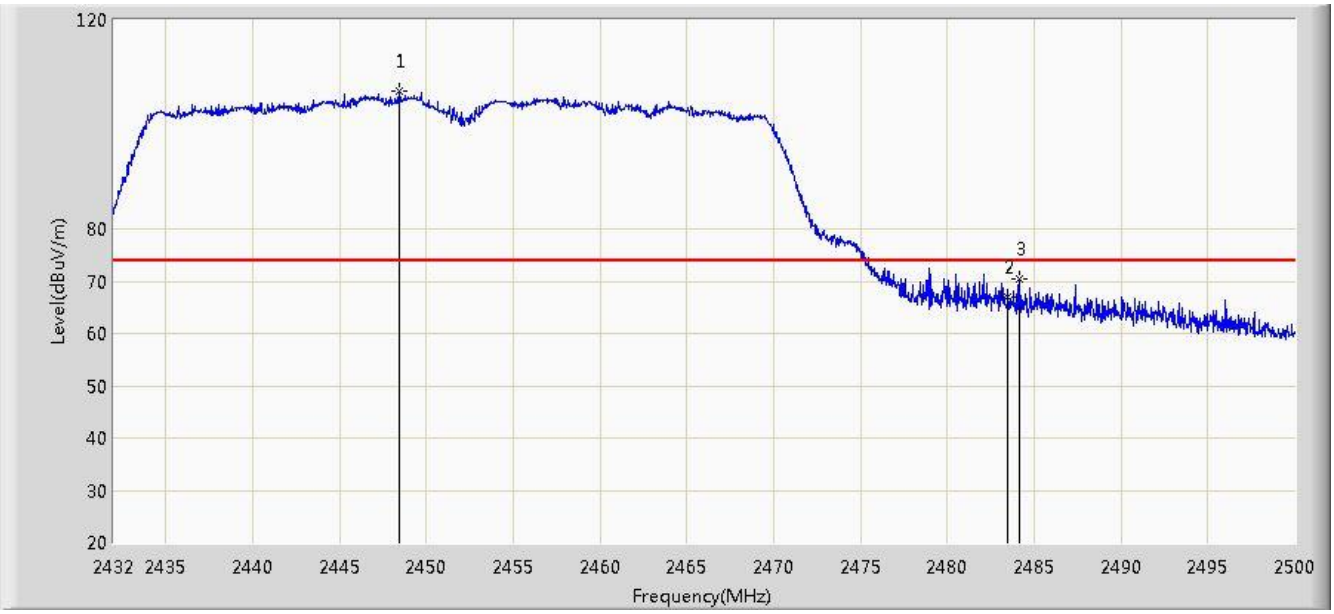


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2442.475	89.468	58.354	N/A	N/A	31.114	AV
2			2483.500	48.104	16.911	-5.896	54.000	31.194	AV

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

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

Site: AC1	Time: 2015/01/11 - 19:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2452MHz by 802.11n-HT40 Ant 0+1	

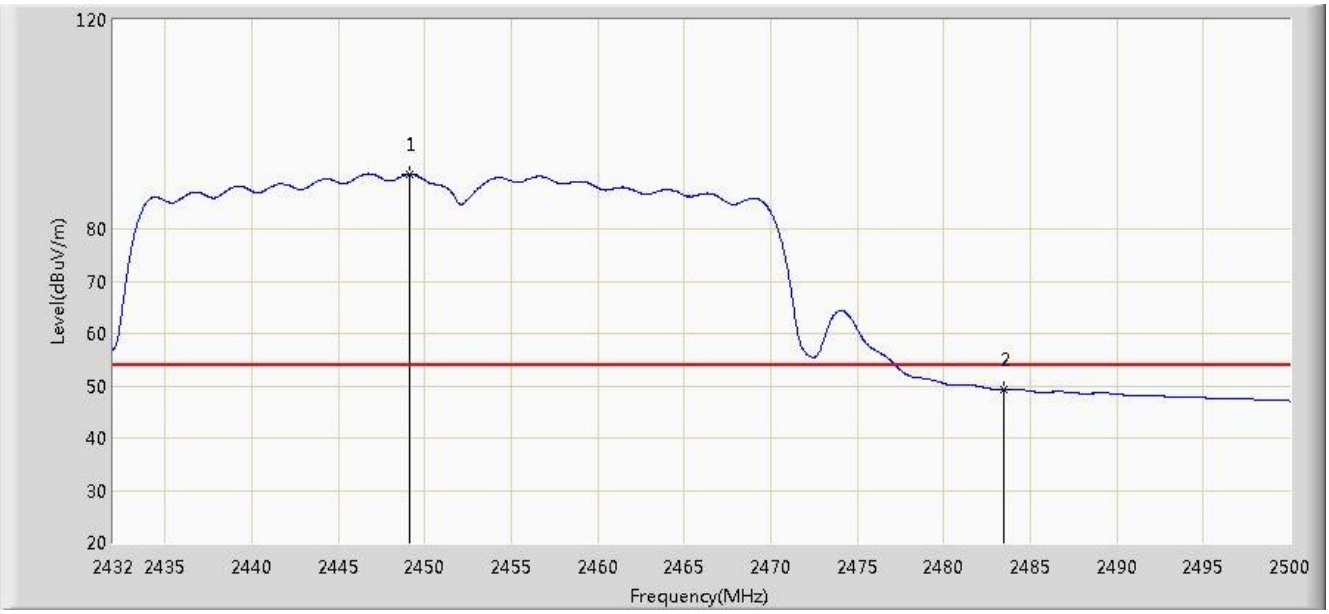


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2448.456	106.389	75.278	N/A	N/A	31.111	PK
2			2483.500	66.924	35.731	-7.076	74.000	31.194	PK
3			2484.156	70.303	39.108	-3.697	74.000	31.195	PK

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

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

Site: AC1	Time: 2015/01/11 - 19:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2452MHz by 802.11n-HT40 Ant 0+1	

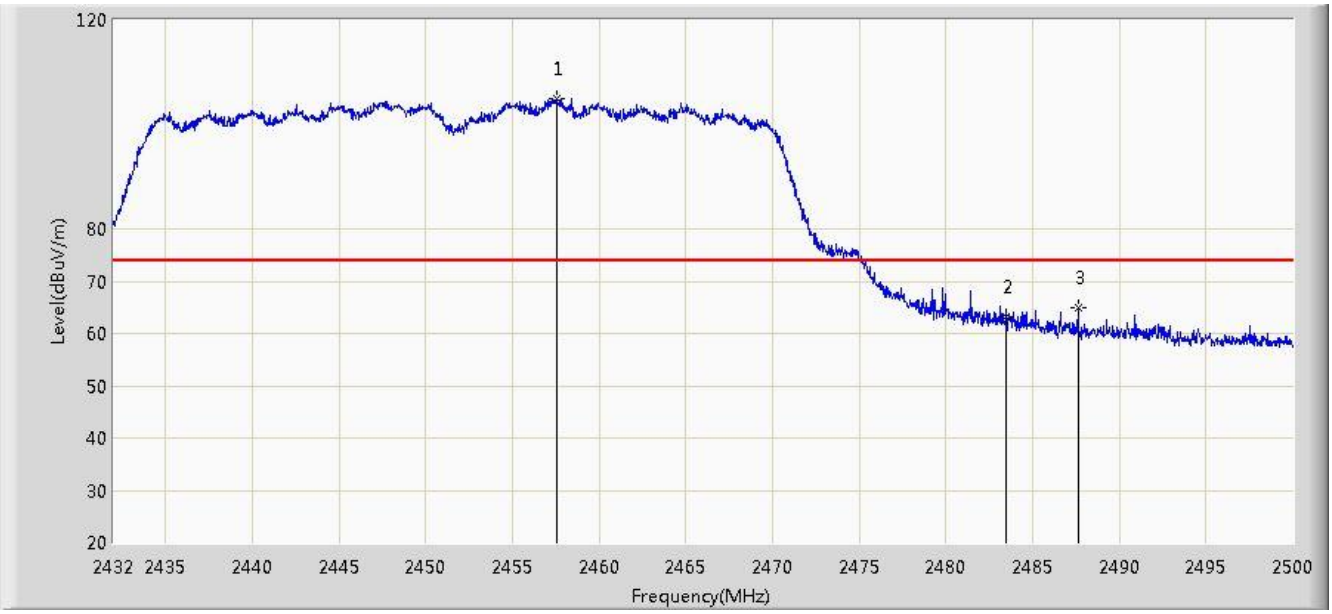


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2449.102	90.453	59.341	N/A	N/A	31.113	AV
2			2483.500	49.284	18.091	-4.716	54.000	31.194	AV

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

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

Site: AC1	Time: 2015/01/11 - 19:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2452MHz by 802.11n-HT40 Ant 0+1	

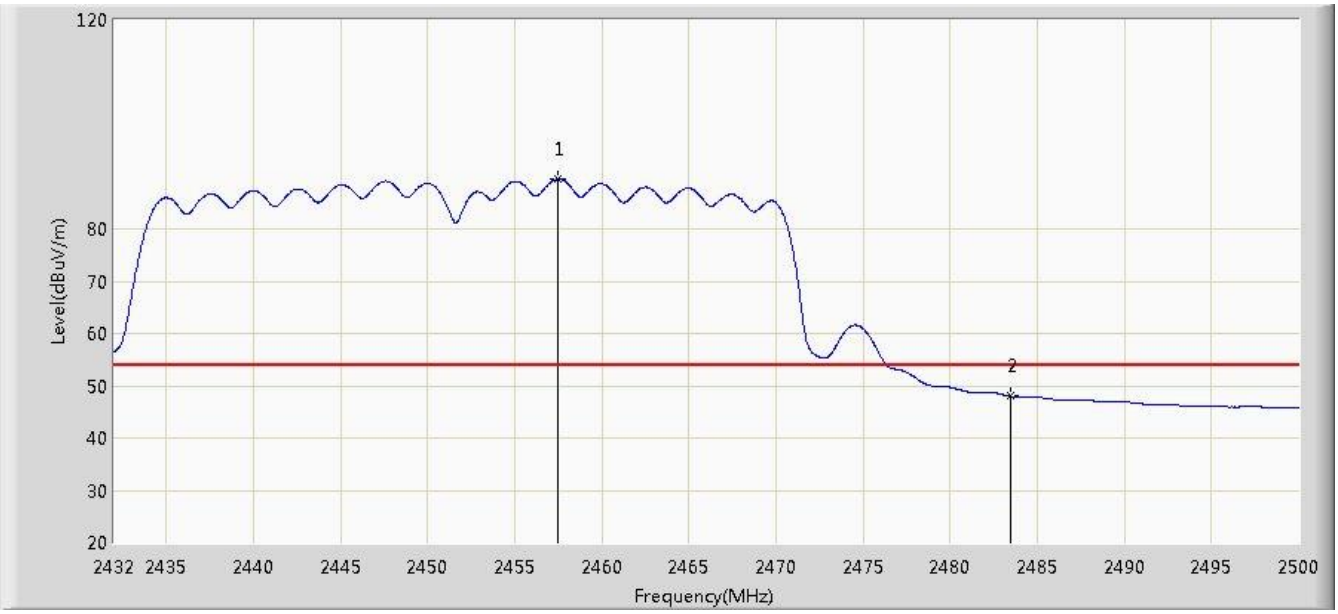


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2457.568	104.892	73.765	N/A	N/A	31.127	PK
2			2483.500	63.055	31.862	-10.945	74.000	31.194	PK
3			2487.624	65.068	33.864	-8.932	74.000	31.204	PK

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

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

Site: AC1	Time: 2015/01/11 - 19:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2452MHz by 802.11n-HT40 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		*	2457.466	89.509	58.382	N/A	N/A	31.127	AV
2			2483.500	47.982	16.789	-6.018	54.000	31.194	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

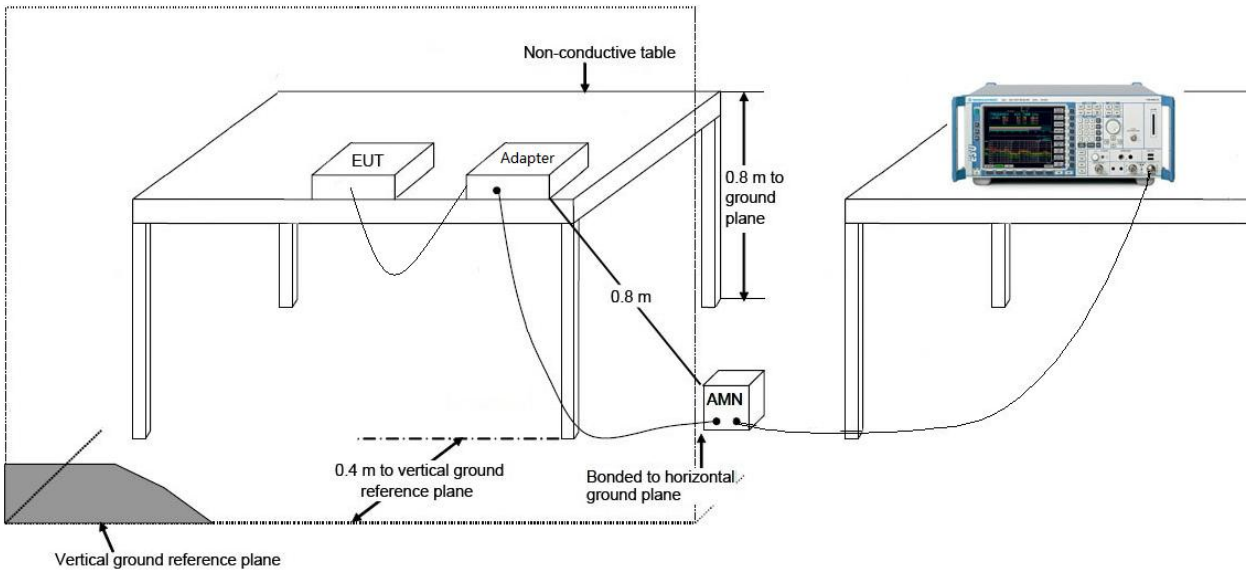
7.8.1. Test Limit

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.

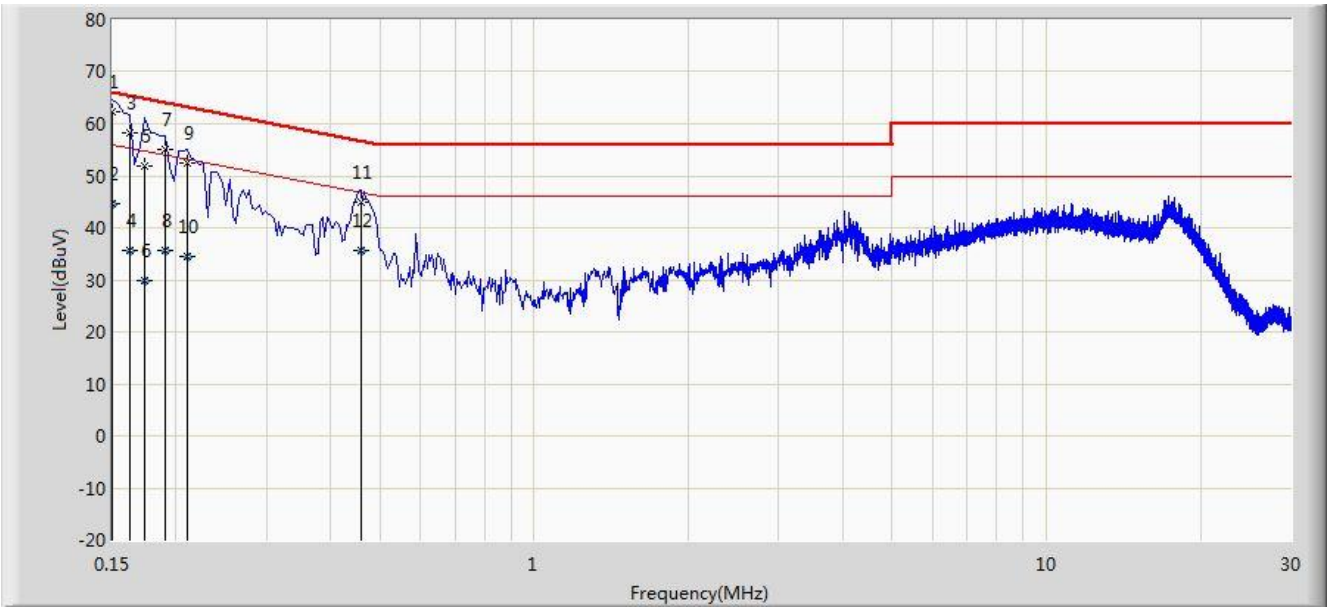
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2. Test Setup



7.8.3. Test Result

Site: SR2	Time: 2015/02/06 - 11:29
Limit: FCC_Part15.207_CE_AC Power	Engineer: Milo Li
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Note: Mode 1	

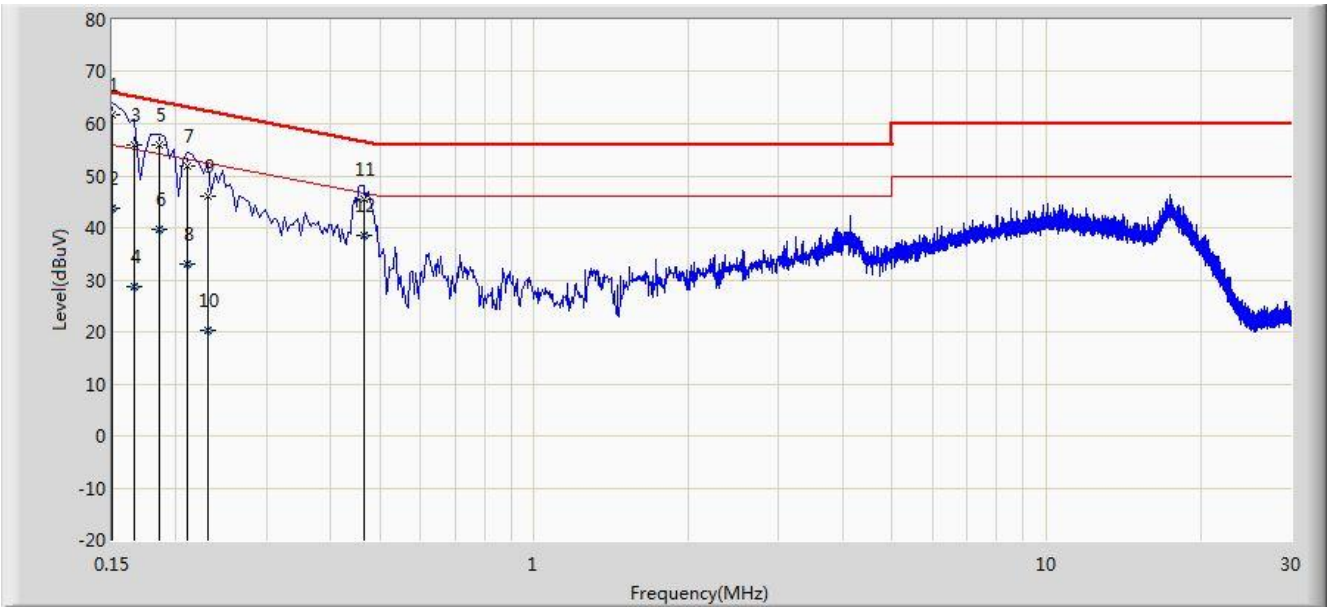


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.150	62.314	51.146	-3.686	66.000	11.168	QP
2			0.150	44.758	33.590	-11.242	56.000	11.168	AV
3			0.162	58.342	48.245	-7.019	65.361	10.097	QP
4			0.162	35.557	25.460	-19.804	55.361	10.097	AV
5			0.174	51.989	41.922	-12.778	64.767	10.068	QP
6			0.174	29.780	19.713	-24.987	54.767	10.068	AV
7			0.190	55.034	45.006	-9.002	64.037	10.029	QP
8			0.190	35.588	25.559	-18.448	54.037	10.029	AV
9			0.210	52.358	42.389	-10.847	63.205	9.969	QP
10			0.210	34.404	24.435	-18.802	53.205	9.969	AV
11			0.458	44.835	34.702	-11.894	56.729	10.133	QP
12			0.458	35.571	25.438	-11.158	46.729	10.133	AV

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

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

Site: SR2	Time: 2015/02/06 - 11:33
Limit: FCC_Part15.207_CE_AC Power	Engineer: Milo Li
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Indoor GPON HGU	Power: AC 120V/60Hz
Note: Mode 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.150	61.595	50.453	-4.405	66.000	11.142	QP
2			0.150	43.844	32.702	-12.156	56.000	11.142	AV
3			0.166	55.839	45.768	-9.319	65.158	10.071	QP
4			0.166	28.623	18.552	-26.535	55.158	10.071	AV
5			0.186	56.007	45.971	-8.207	64.213	10.035	QP
6			0.186	39.663	29.628	-14.551	54.213	10.035	AV
7			0.210	51.741	41.747	-11.464	63.205	9.995	QP
8			0.210	33.123	23.128	-20.083	53.205	9.995	AV
9			0.230	45.979	35.993	-16.471	62.450	9.985	QP
10			0.230	20.234	10.248	-32.216	52.450	9.985	AV
11			0.466	45.646	35.484	-10.939	56.585	10.162	QP
12			0.466	38.420	28.259	-8.165	46.585	10.162	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: 2AC9MADTRAN424RG** is in compliance with Part 15C of the FCC Rules.

The End