| Site: AC1	Time: 2015/03/02 - 15:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2452MHz by 802.11n-HT40 Ant 1	
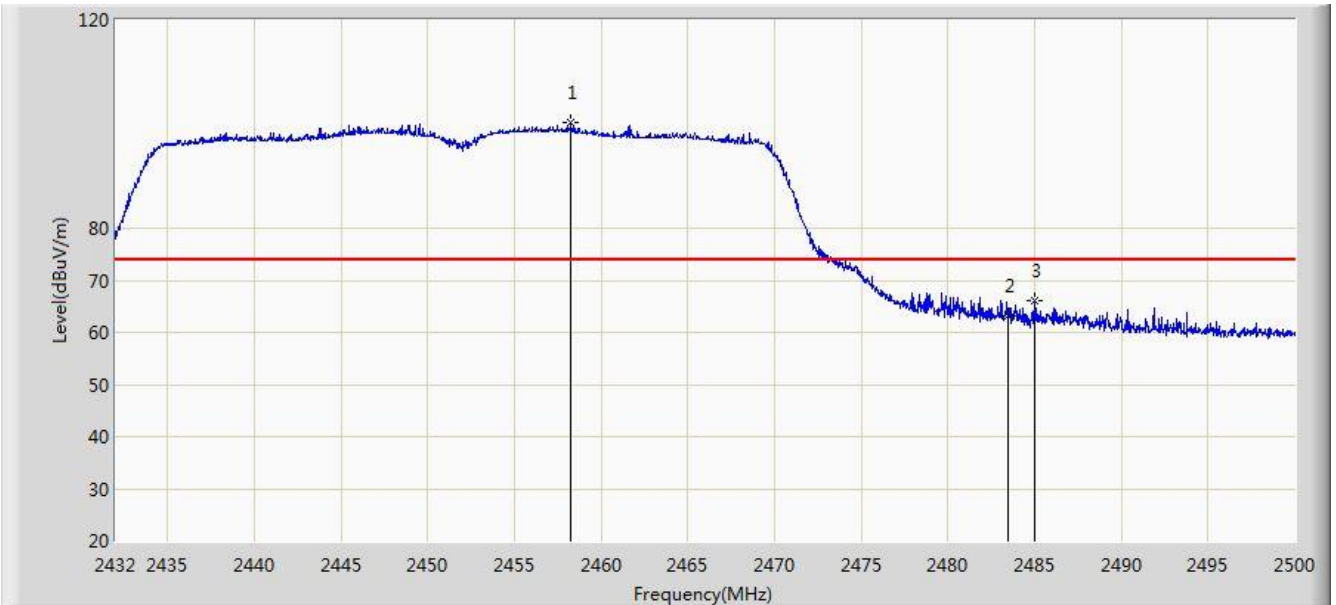
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.248	100.426	69.297	N/A	N/A	31.129	PK
2			2483.500	63.070	31.877	-10.930	74.000	31.194	PK
3			2484.972	66.204	35.007	-7.796	74.000	31.197	PK

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

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

| Site: AC1	Time: 2015/03/02 - 15:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2452MHz by 802.11n-HT40 Ant 1	
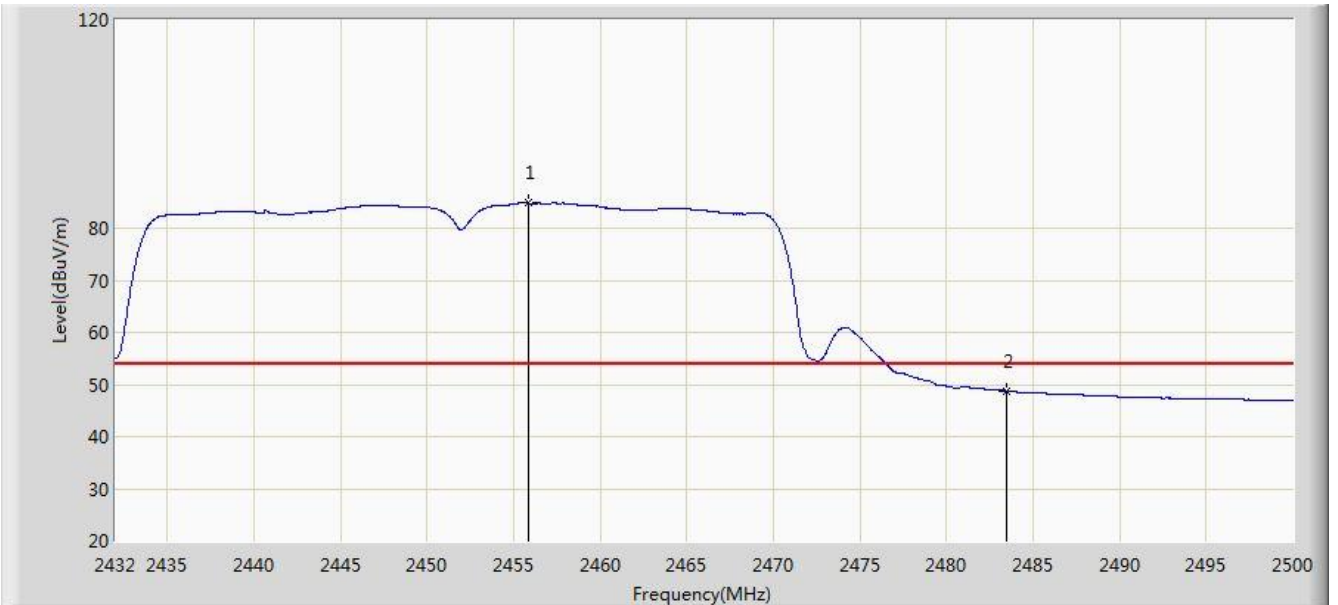
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2455.868	84.783	53.659	N/A	N/A	31.125	AV
2			2483.500	48.768	17.575	-5.232	54.000	31.194	AV

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

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

| Site: AC1	Time: 2015/03/02 - 15:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2452MHz by 802.11n-HT40 Ant 1	
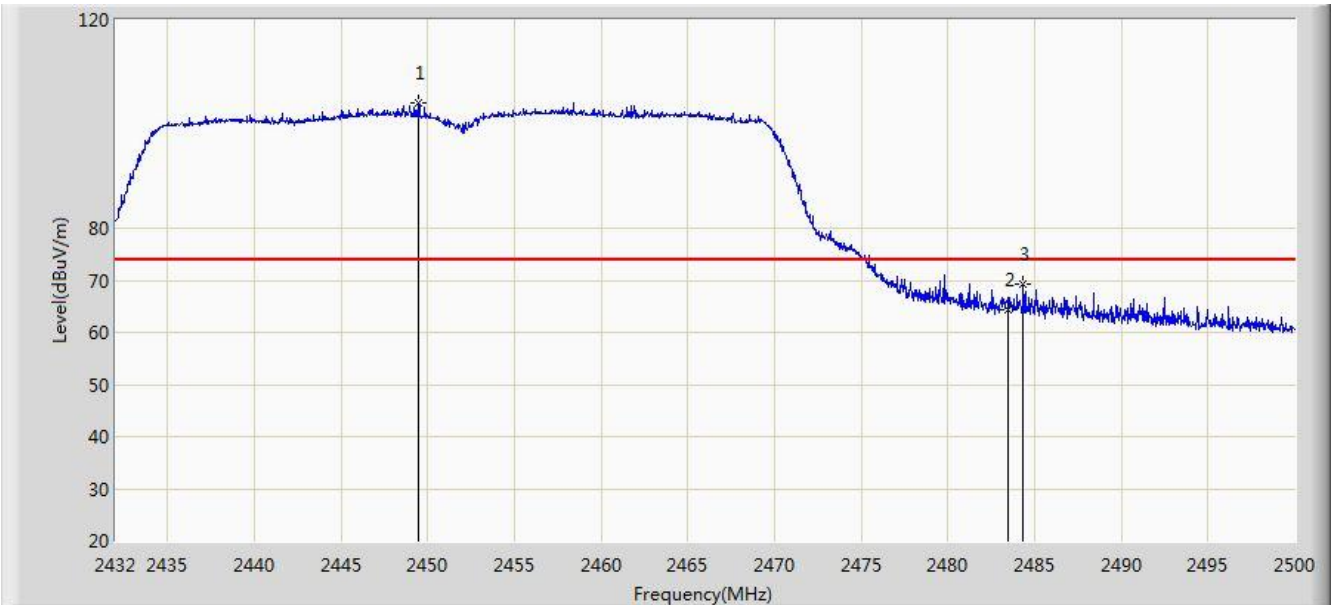
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2449.442	104.167	73.054	N/A	N/A	31.113	PK
2			2483.500	64.278	33.085	-9.722	74.000	31.194	PK
3			2484.360	69.415	38.219	-4.585	74.000	31.195	PK

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

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

| Site: AC1	Time: 2015/03/02 - 15:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2452MHz by 802.11n-HT40 Ant 1	
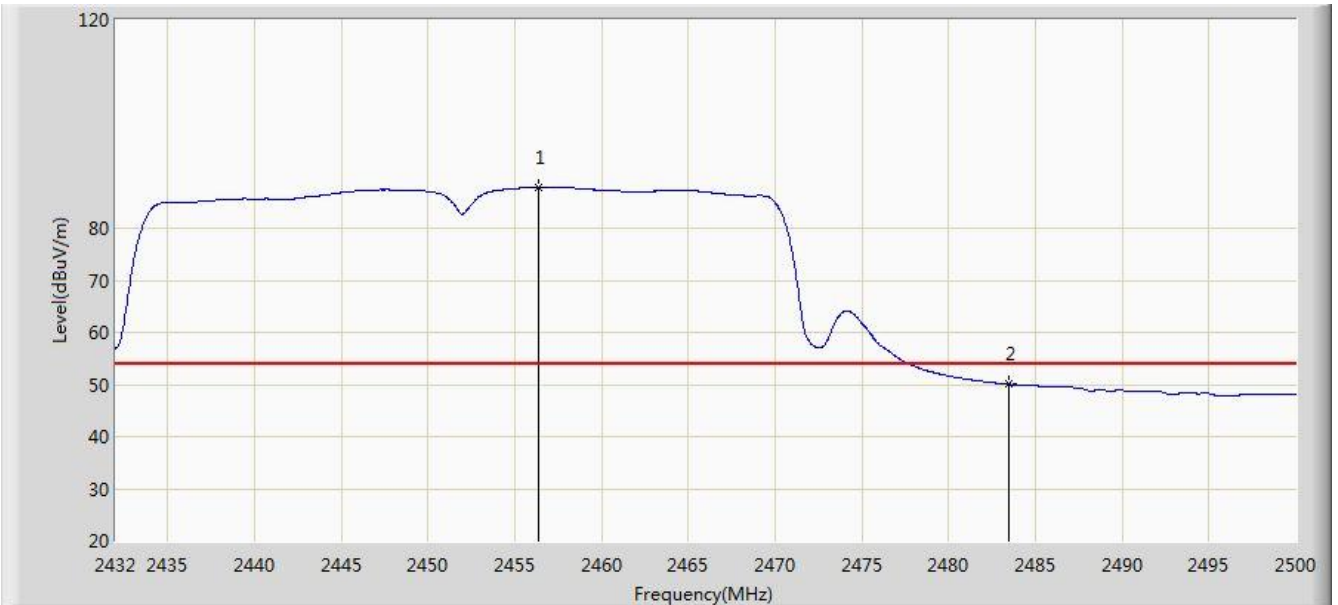
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.378	87.861	56.736	N/A	N/A	31.125	AV
2			2483.500	50.014	18.821	-3.986	54.000	31.194	AV

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

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

| Site: AC1	Time: 2015/03/02 - 15:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2412MHz by 802.11n-HT20 Ant 0+1	
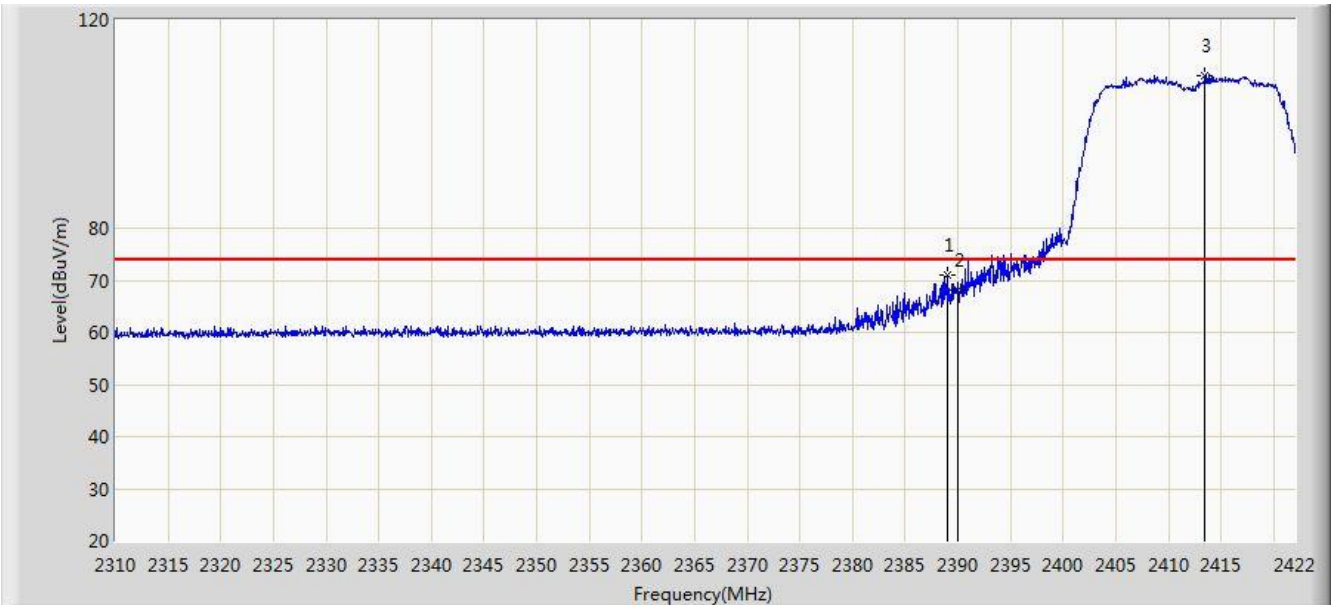
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.072	70.913	39.709	-3.087	74.000	31.204	PK
2			2390.000	68.202	36.999	-5.798	74.000	31.203	PK
3		*	2413.432	109.306	78.139	N/A	N/A	31.168	PK

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

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

| Site: AC1	Time: 2015/03/02 - 15:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2412MHz by 802.11n-HT20 Ant 0+1	
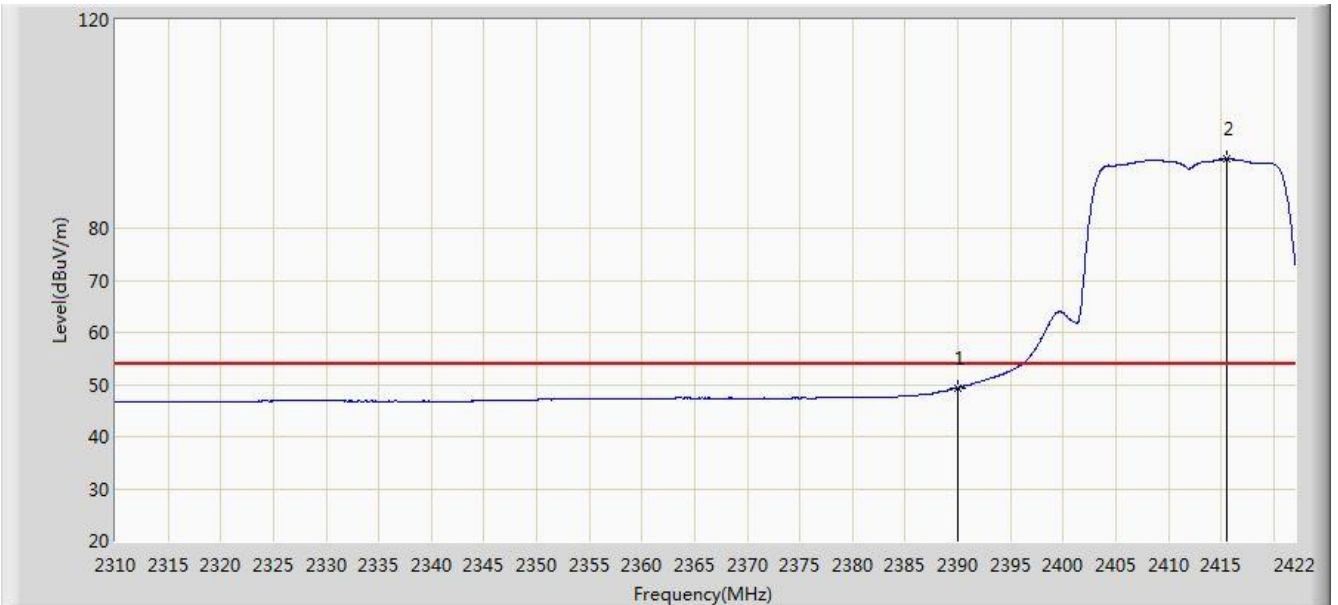
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	49.384	18.181	-4.616	54.000	31.203	AV
2		*	2415.504	93.242	62.078	N/A	N/A	31.164	AV

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

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

| Site: AC1	Time: 2015/03/02 - 15:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2412MHz by 802.11n-HT20 Ant 0+1	
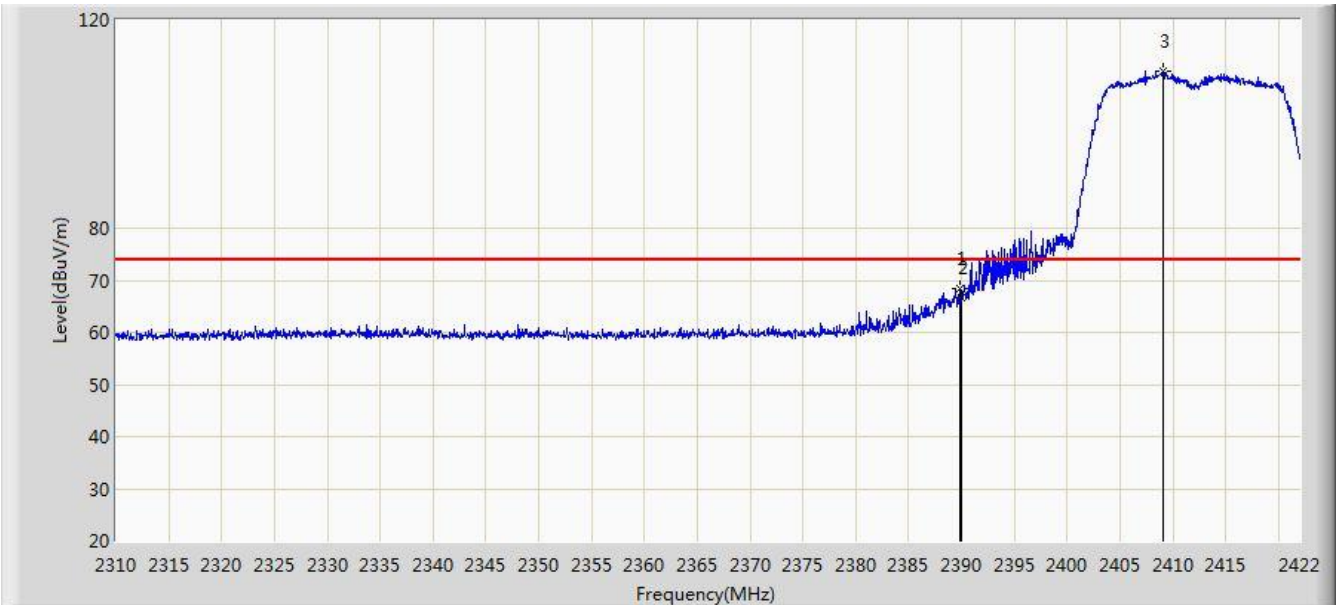
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.800	68.546	37.343	-5.454	74.000	31.203	PK
2			2390.000	66.562	35.359	-7.438	74.000	31.203	PK
3		*	2409.064	110.013	78.839	N/A	N/A	31.174	PK

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

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

| Site: AC1	Time: 2015/03/02 - 15:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2412MHz by 802.11n-HT20 Ant 0+1	
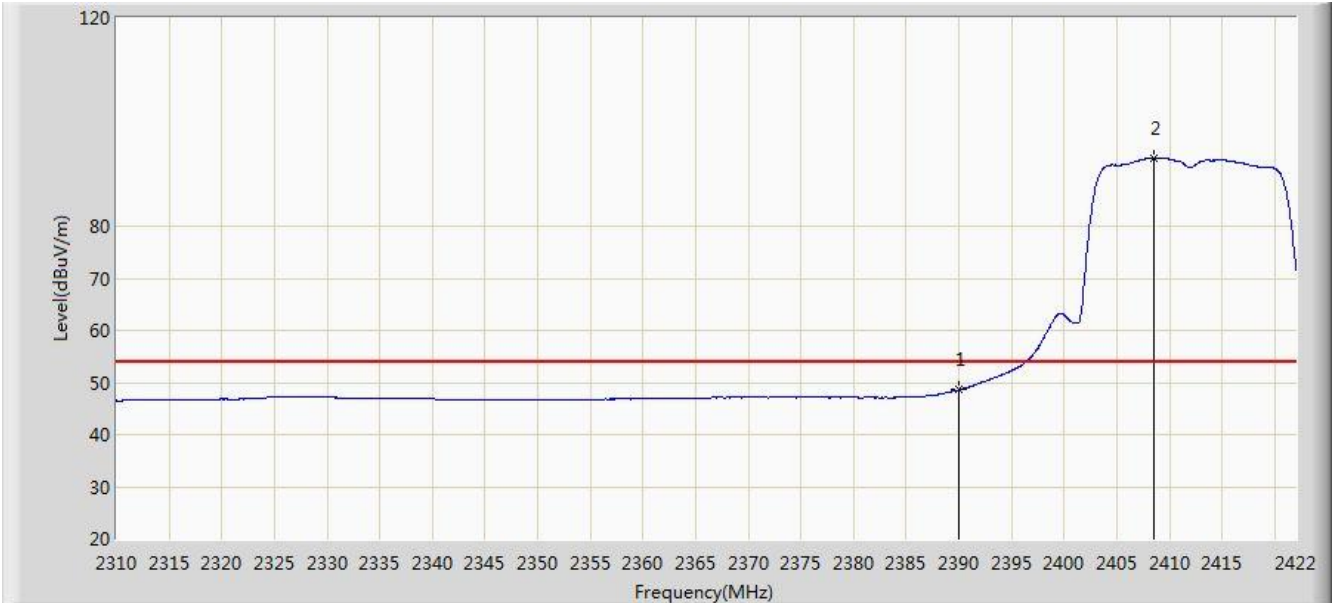
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.569	17.366	-5.431	54.000	31.203	AV
2		*	2408.504	93.139	61.964	N/A	N/A	31.174	AV

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

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

| Site: AC1	Time: 2015/03/02 - 15:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2417MHz by 802.11n-HT20 Ant 0+1	
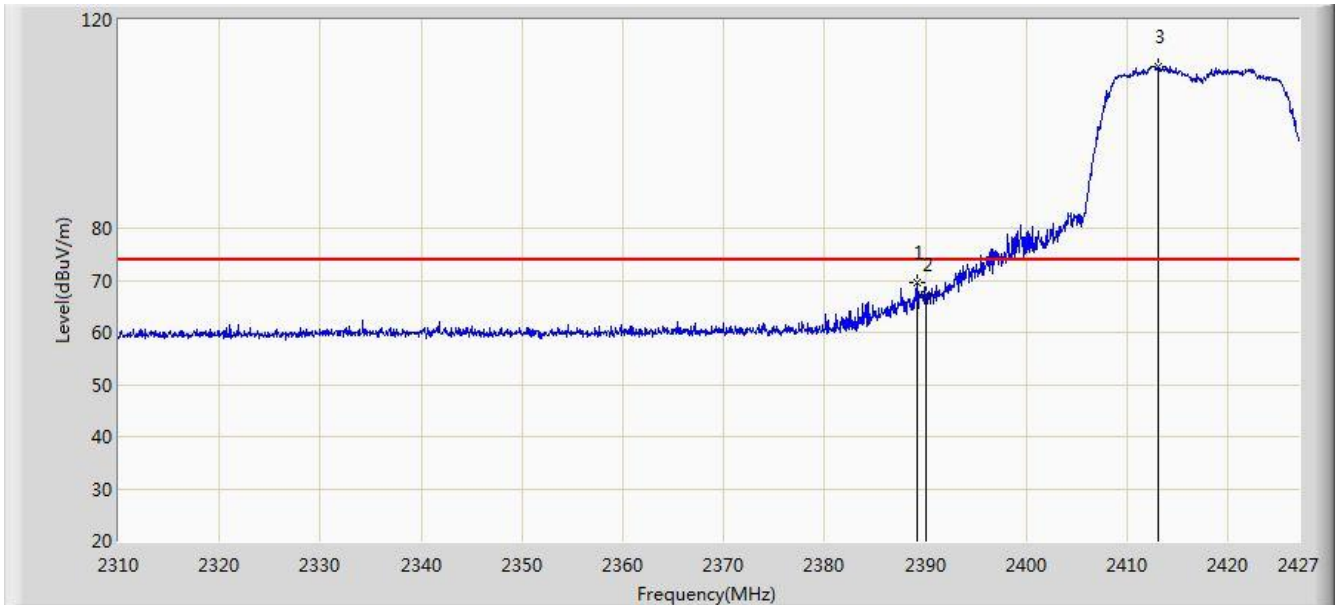
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.150	69.432	38.228	-4.568	74.000	31.204	PK
2			2390.000	67.242	36.039	-6.758	74.000	31.203	PK
3		*	2413.077	111.015	79.847	N/A	N/A	31.167	PK

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

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

| Site: AC1	Time: 2015/03/02 - 15:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2417MHz by 802.11n-HT20 Ant 0+1	
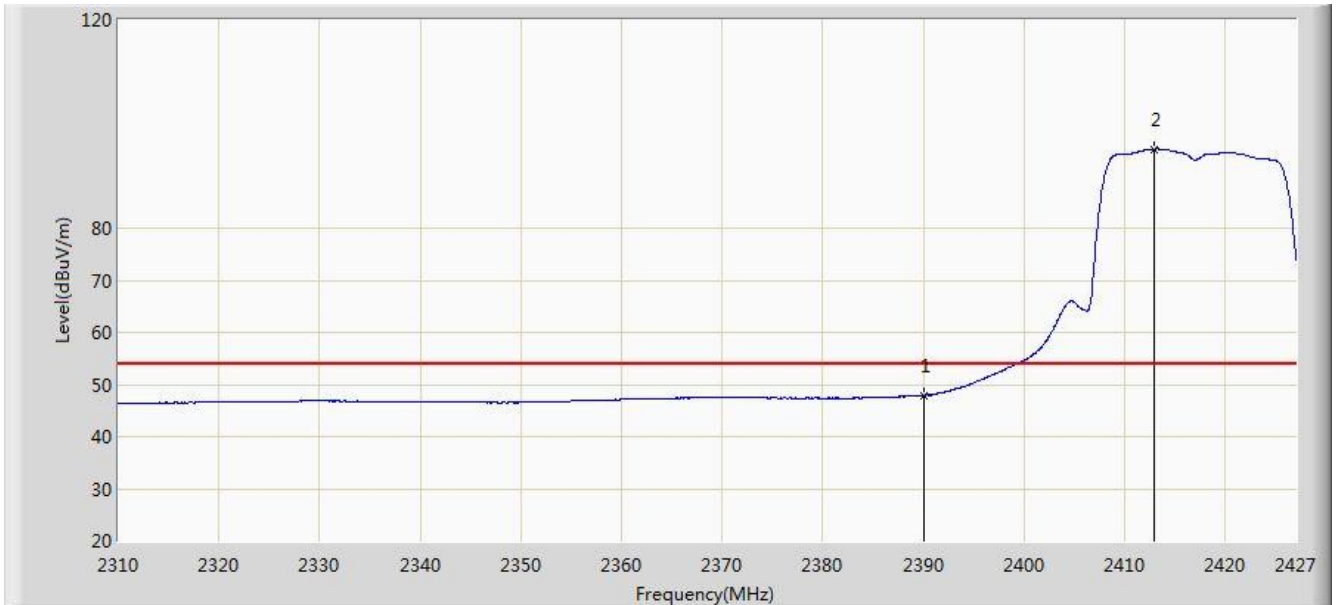
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.918	16.715	-6.082	54.000	31.203	AV
2		*	2412.902	95.196	64.028	N/A	N/A	31.168	AV

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

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

| Site: AC1	Time: 2015/03/02 - 15:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2417MHz by 802.11n-HT20 Ant 0+1	
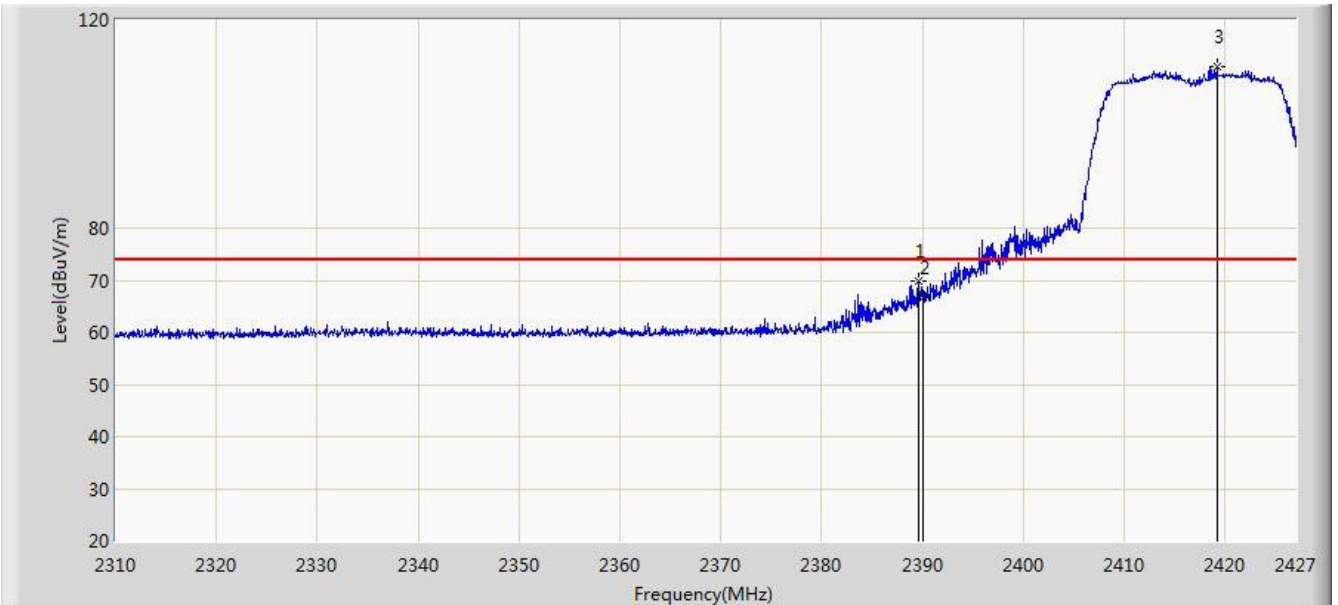
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.560	69.755	38.551	-4.245	74.000	31.204	PK
2			2390.000	66.807	35.604	-7.193	74.000	31.203	PK
3		*	2419.161	110.871	79.714	N/A	N/A	31.157	PK

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

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

| Site: AC1	Time: 2015/03/02 - 15:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2417MHz by 802.11n-HT20 Ant 0+1	
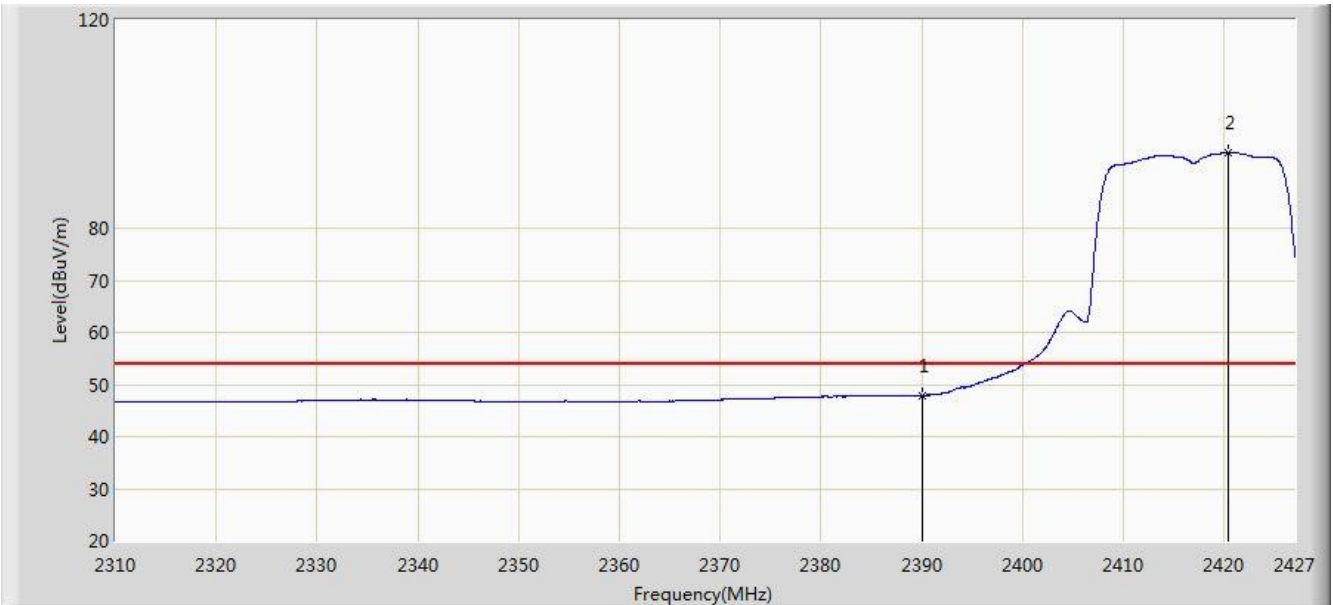
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.904	16.701	-6.096	54.000	31.203	AV
2		*	2420.389	94.489	63.334	N/A	N/A	31.155	AV

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

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

| Site: AC1	Time: 2015/03/02 - 15:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2457MHz by 802.11n-HT20 Ant 0+1	
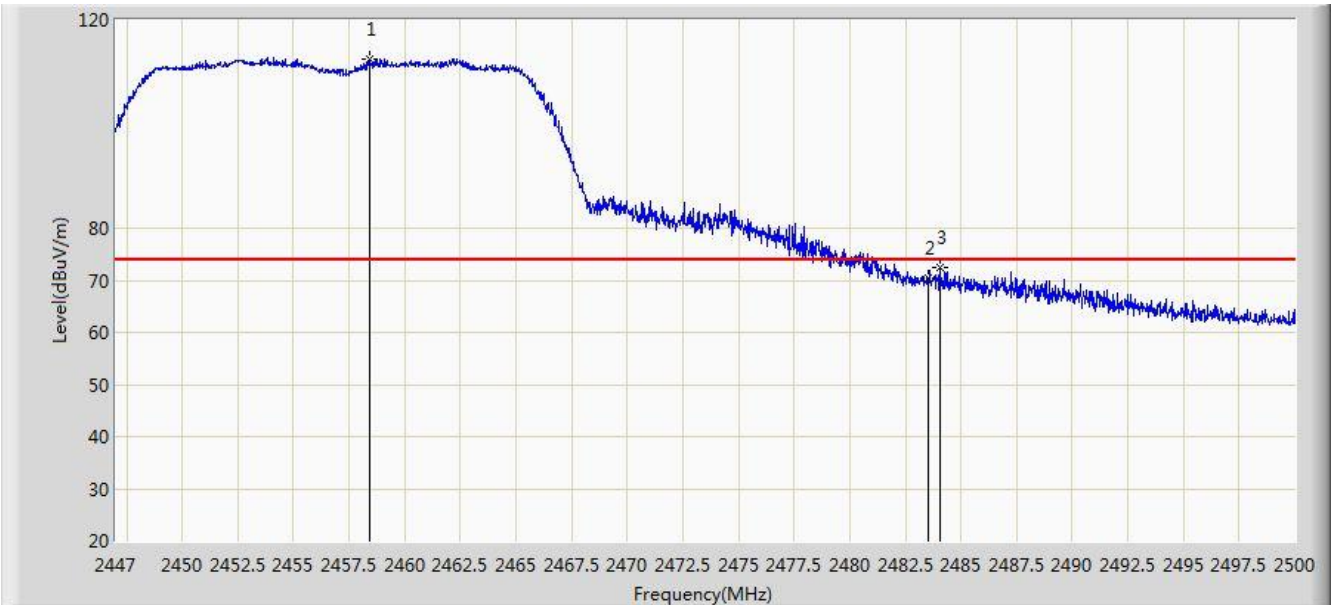
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.395	112.429	81.300	N/A	N/A	31.129	PK
2			2483.500	70.310	39.117	-3.690	74.000	31.194	PK
3			2484.047	72.572	41.377	-1.428	74.000	31.195	PK

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

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

| Site: AC1	Time: 2015/03/02 - 15:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2457MHz by 802.11n-HT20 Ant 0+1	
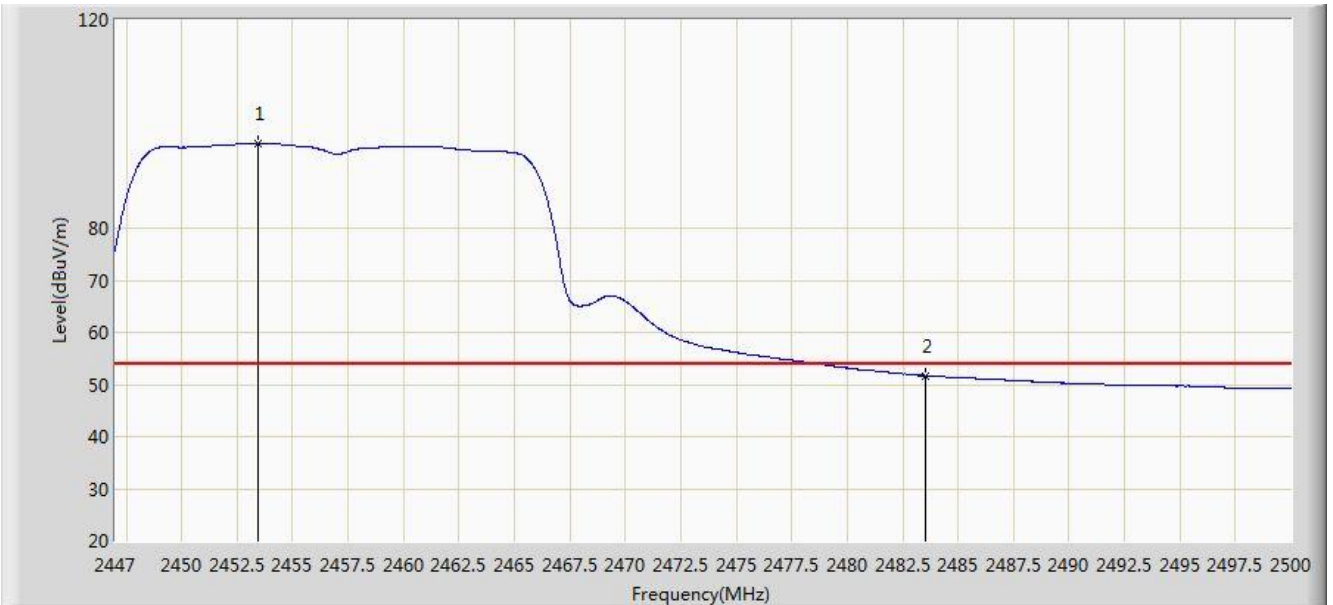
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2453.413	96.293	65.173	N/A	N/A	31.120	AV
2			2483.500	51.706	20.513	-2.294	54.000	31.194	AV

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

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

| Site: AC1	Time: 2015/03/02 - 15:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2457MHz by 802.11n-HT20 Ant 0+1	
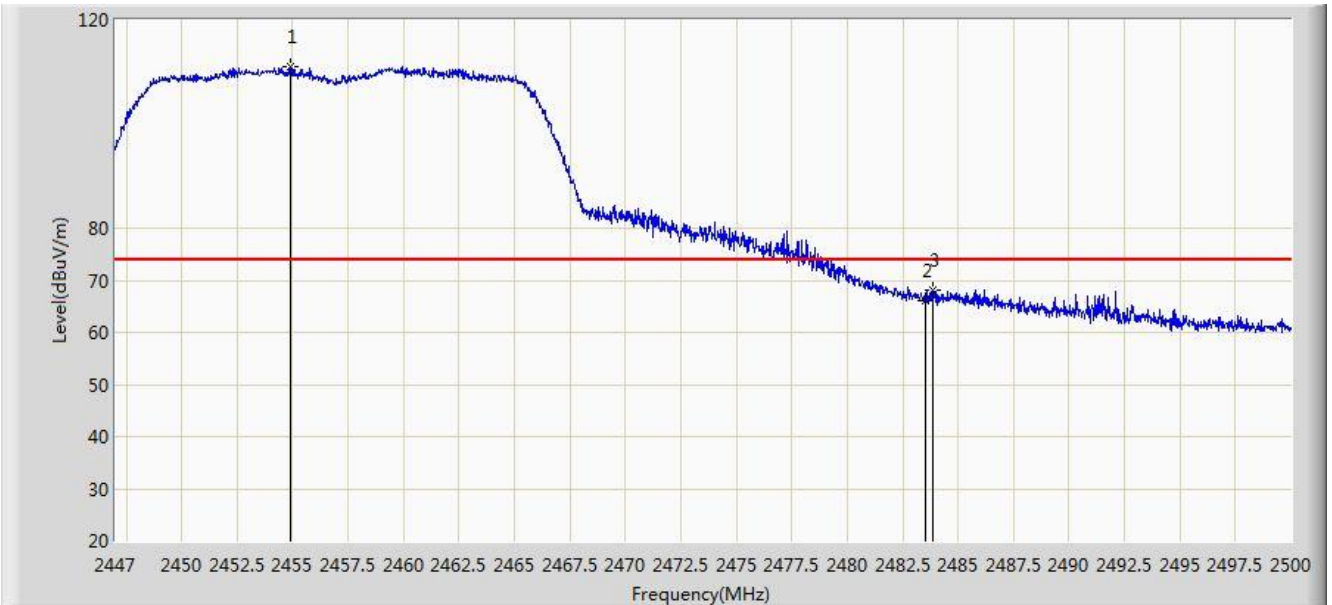
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2454.924	110.925	79.802	N/A	N/A	31.123	PK
2			2483.500	66.227	35.034	-7.773	74.000	31.194	PK
3			2483.888	68.121	36.927	-5.879	74.000	31.194	PK

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

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

| Site: AC1	Time: 2015/03/02 - 15:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2457MHz by 802.11n-HT20 Ant 0+1	
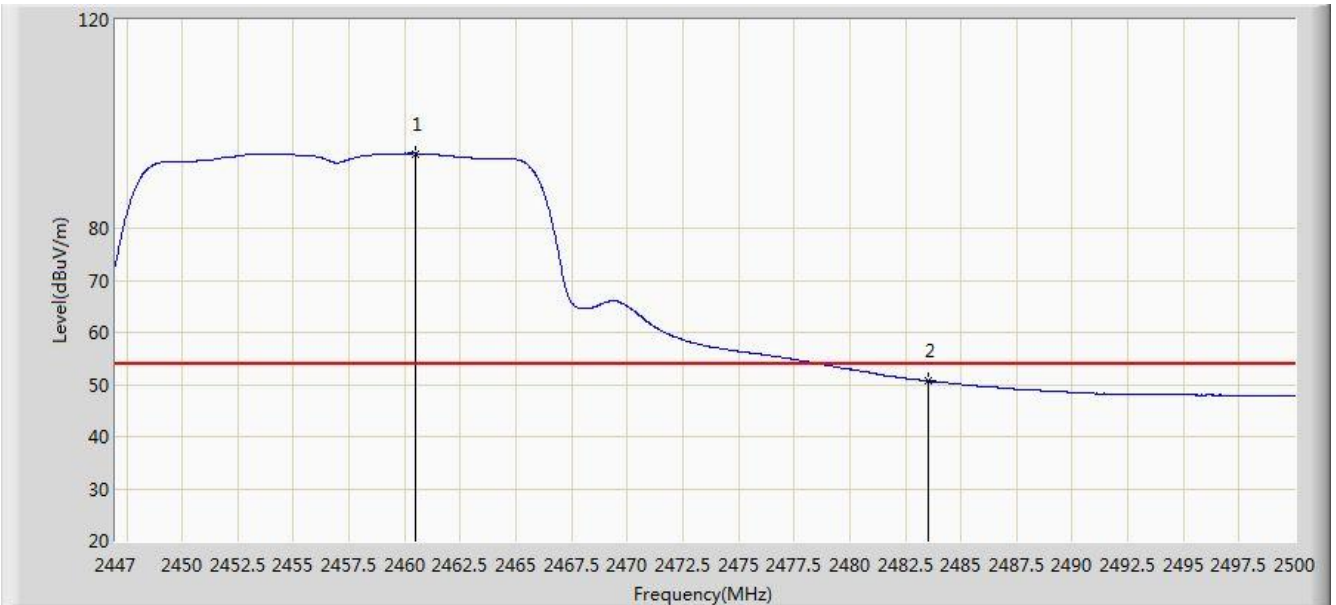
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.489	94.341	63.208	N/A	N/A	31.133	AV
2			2483.500	50.695	19.502	-3.305	54.000	31.194	AV

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

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

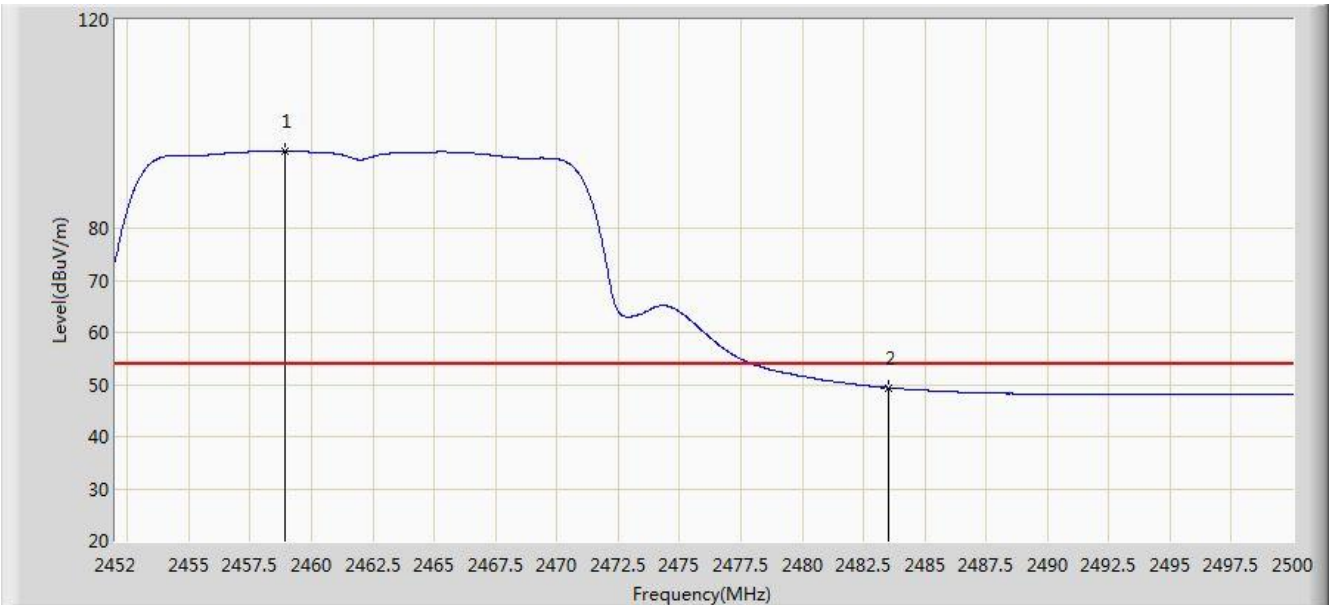| Site: AC1	Time: 2015/03/02 - 15:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2462MHz by 802.11n-HT20 Ant 0+1	
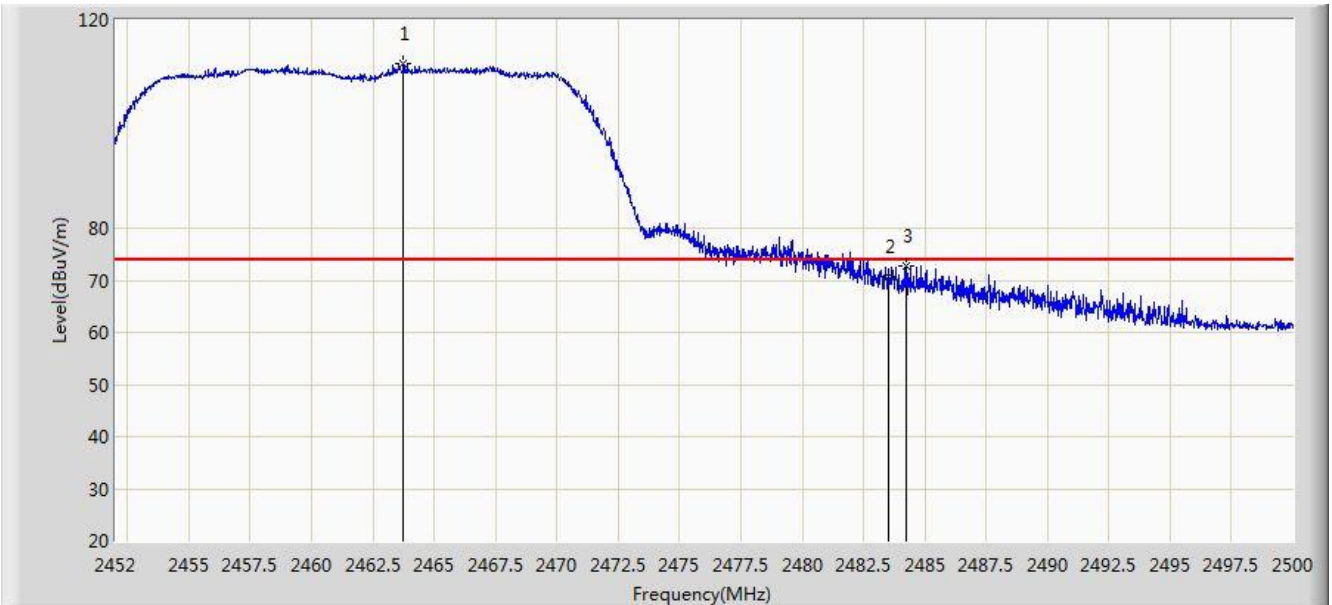
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.736	111.544	80.405	N/A	N/A	31.139	PK
2			2483.500	70.607	39.414	-3.393	74.000	31.194	PK
3			2484.256	72.806	41.611	-1.194	74.000	31.195	PK

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

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

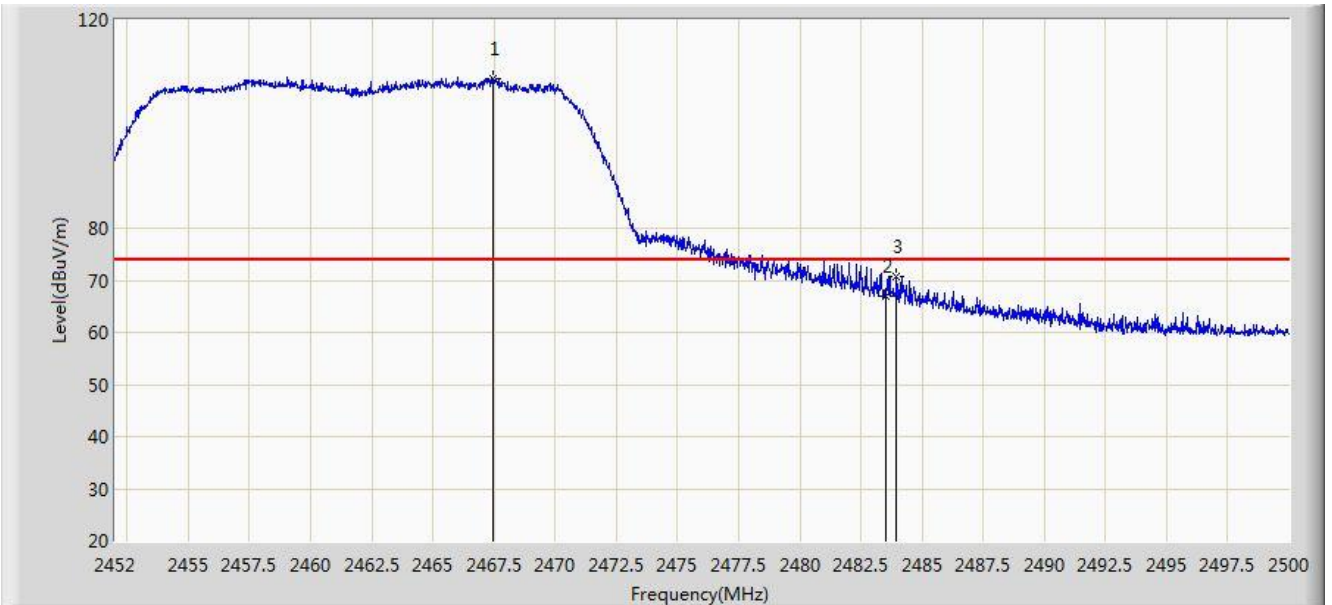| Site: AC1	Time: 2015/03/02 - 16:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2462MHz by 802.11n-HT20 Ant 0+1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.912	94.804	63.674	N/A	N/A	31.130	AV
2			2483.500	49.395	18.202	-4.605	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: 2015/03/02 - 16:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	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		*	2467.480	108.748	77.599	N/A	N/A	31.149	PK
2			2483.500	67.043	35.850	-6.957	74.000	31.194	PK
3			2483.944	70.785	39.591	-3.215	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: 2015/03/02 - 16:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2462MHz by 802.11n-HT20 Ant 0+1	
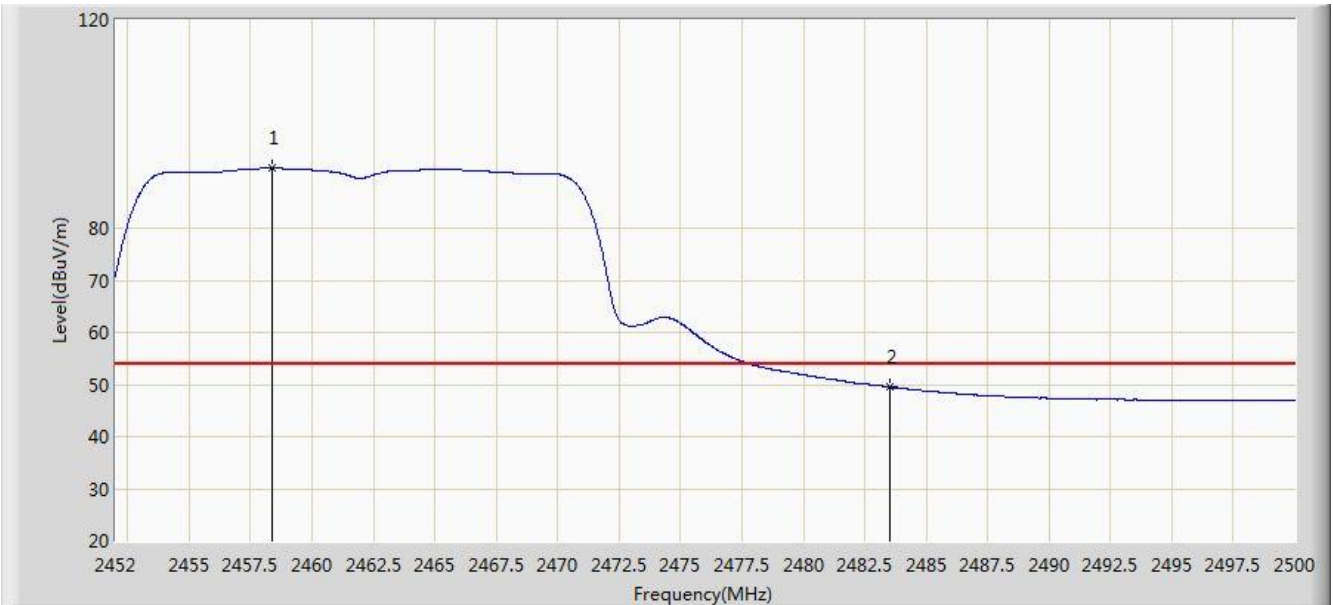
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.384	91.587	60.458	N/A	N/A	31.129	AV
2			2483.500	49.526	18.333	-4.474	54.000	31.194	AV

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

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

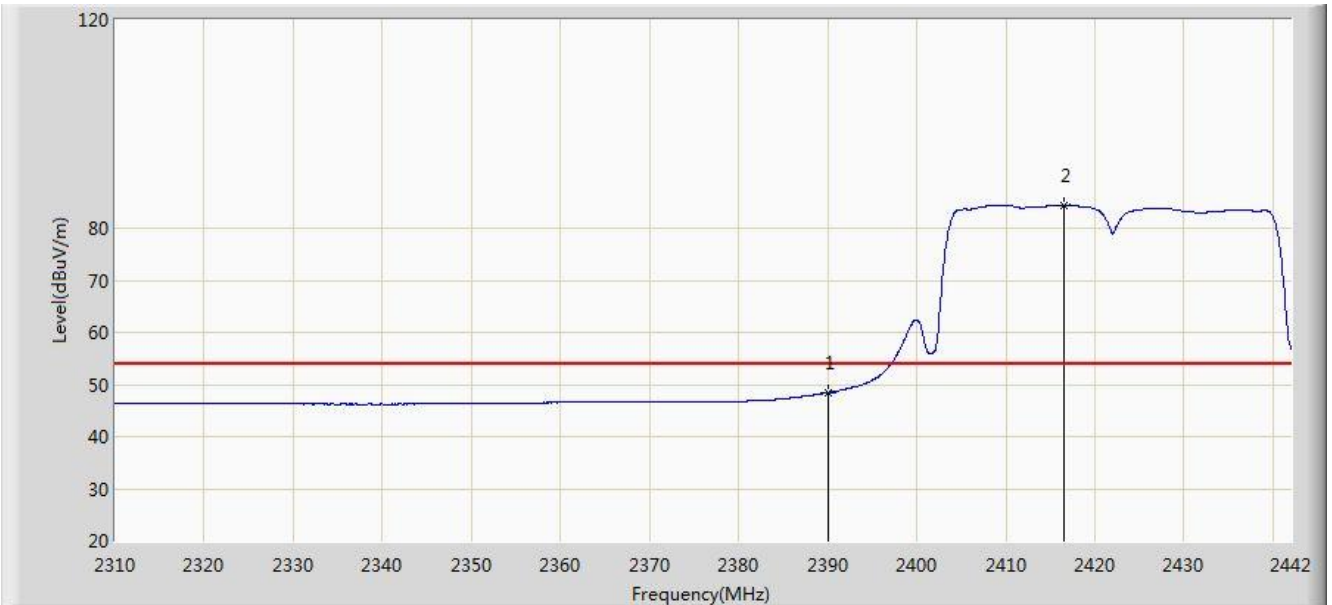| Site: AC1	Time: 2015/03/02 - 16:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2422MHz by 802.11n-HT40 Ant 0+1	
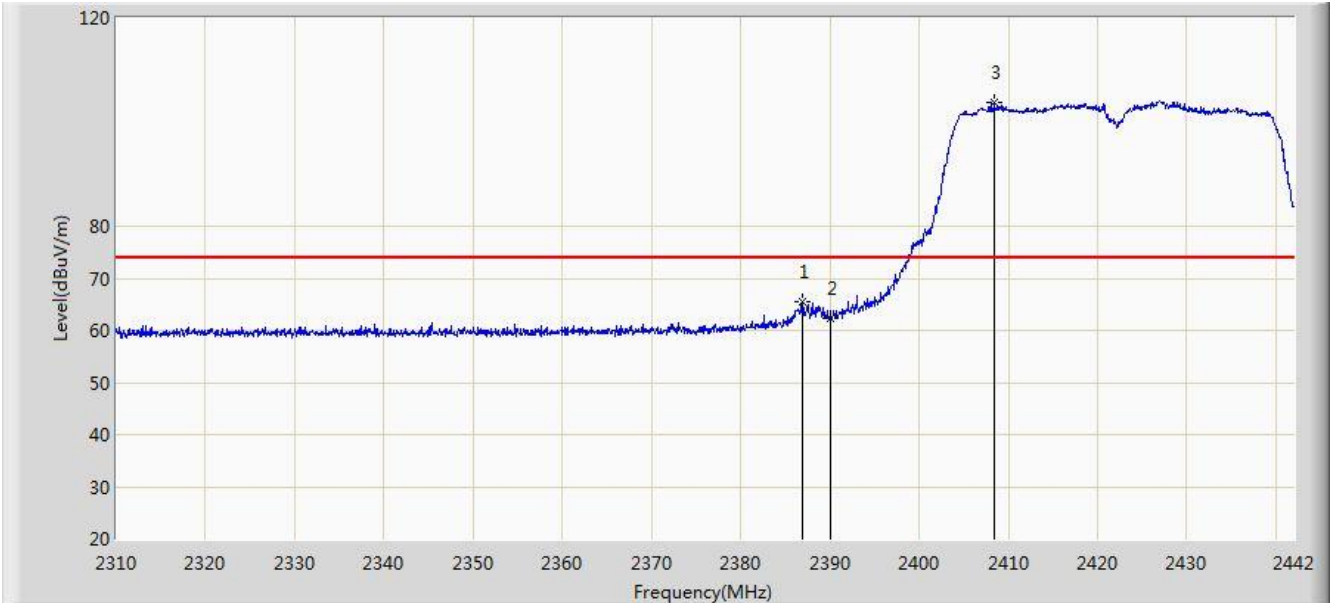
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.890	65.480	34.272	-8.520	74.000	31.209	PK
2			2390.000	62.251	31.048	-11.749	74.000	31.203	PK
3		*	2408.406	103.884	72.709	N/A	N/A	31.175	PK

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

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

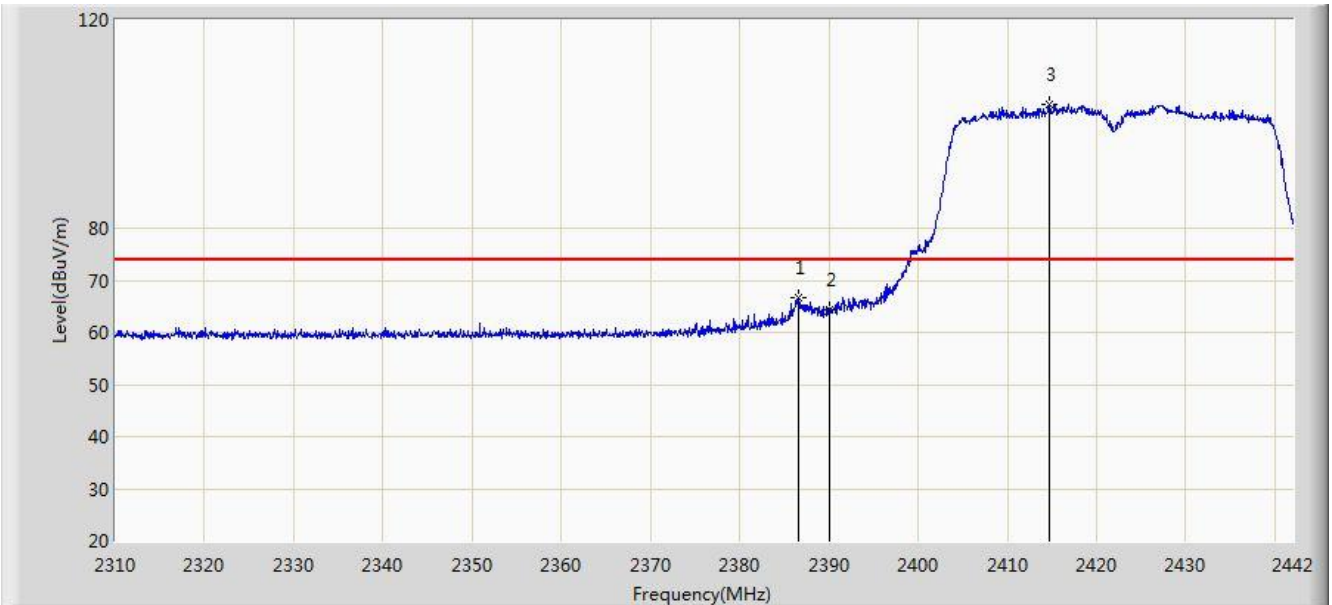| Site: AC1	Time: 2015/03/02 - 16:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2422MHz by 802.11n-HT40 Ant 0+1	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.388	17.185	-5.612	54.000	31.203	AV
2		*	2416.458	84.449	53.287	N/A	N/A	31.162	AV

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

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

| Site: AC1	Time: 2015/03/02 - 16:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	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			2386.560	66.612	35.403	-7.388	74.000	31.209	PK
2			2390.000	64.482	33.279	-9.518	74.000	31.203	PK
3		*	2414.742	103.910	72.745	N/A	N/A	31.164	PK

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

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

| Site: AC1	Time: 2015/03/02 - 16:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2422MHz by 802.11n-HT40 Ant 0+1	
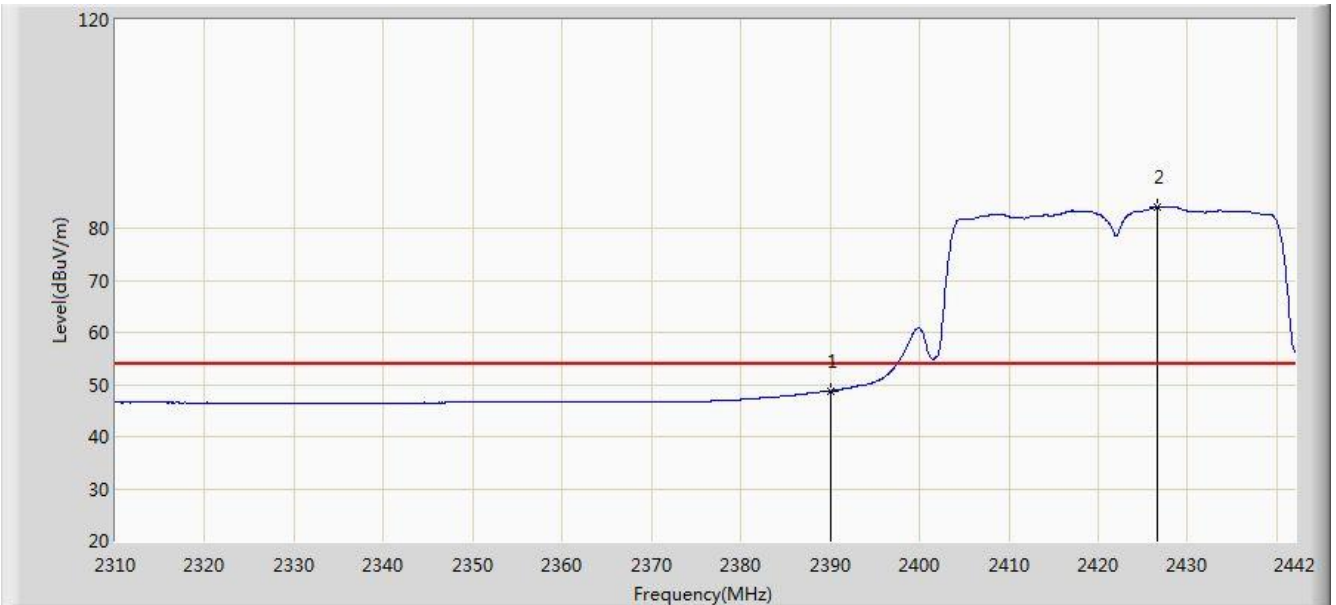
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.738	17.535	-5.262	54.000	31.203	AV
2		*	2426.622	84.150	53.006	N/A	N/A	31.144	AV

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

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

| Site: AC1	Time: 2015/03/02 - 16:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2427MHz by 802.11n-HT40 Ant 0+1	
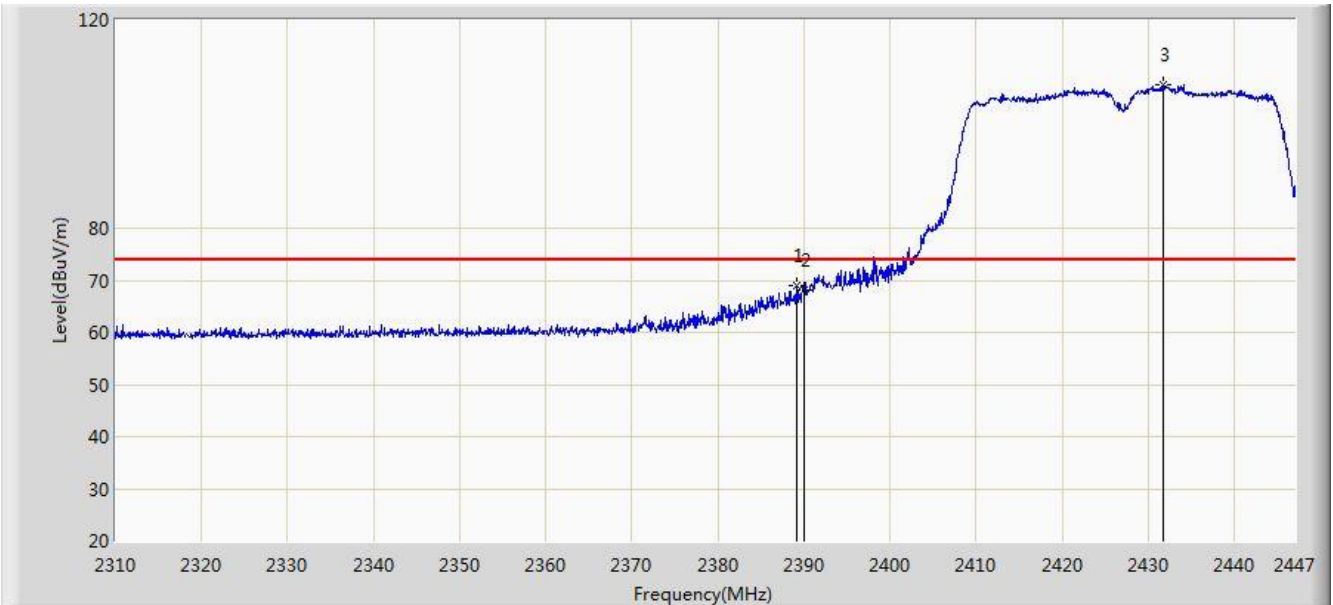
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.186	68.866	37.662	-5.134	74.000	31.204	PK
2			2390.000	68.065	36.862	-5.935	74.000	31.203	PK
3		*	2431.656	107.535	76.400	N/A	N/A	31.135	PK

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

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

| Site: AC1	Time: 2015/03/02 - 16:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2427MHz by 802.11n-HT40 Ant 0+1	
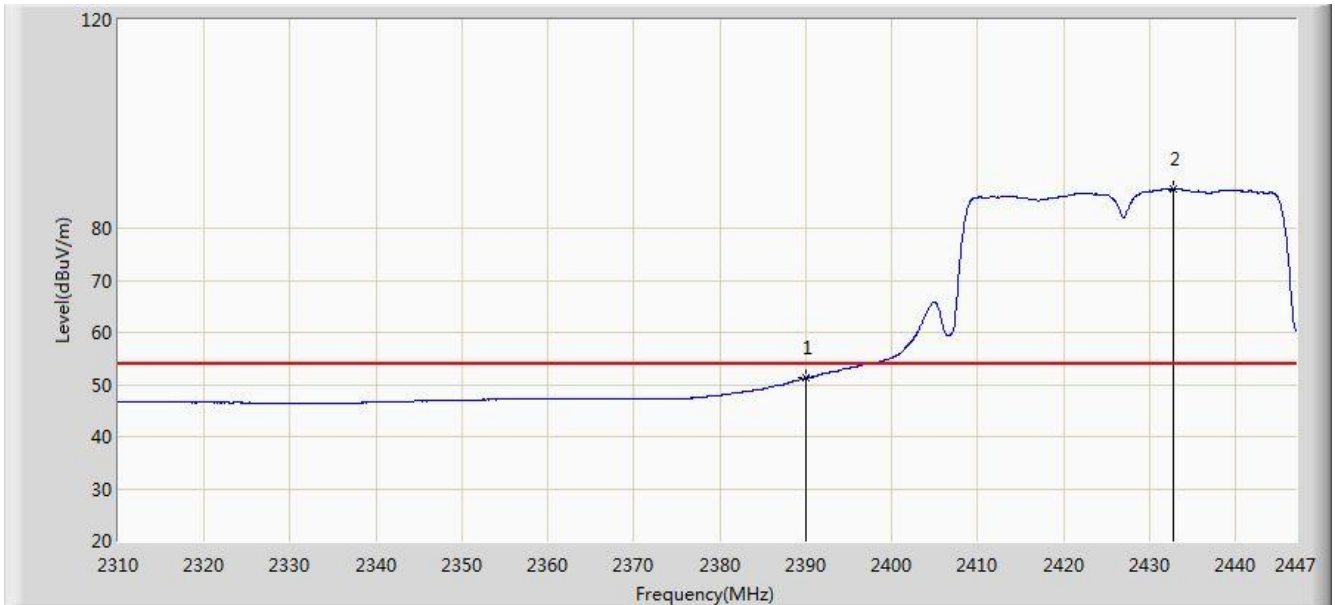
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.406	20.203	-2.594	54.000	31.203	AV
2		*	2432.684	87.556	56.423	N/A	N/A	31.133	AV

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

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

| Site: AC1	Time: 2015/03/02 - 16:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2427MHz by 802.11n-HT40 Ant 0+1	
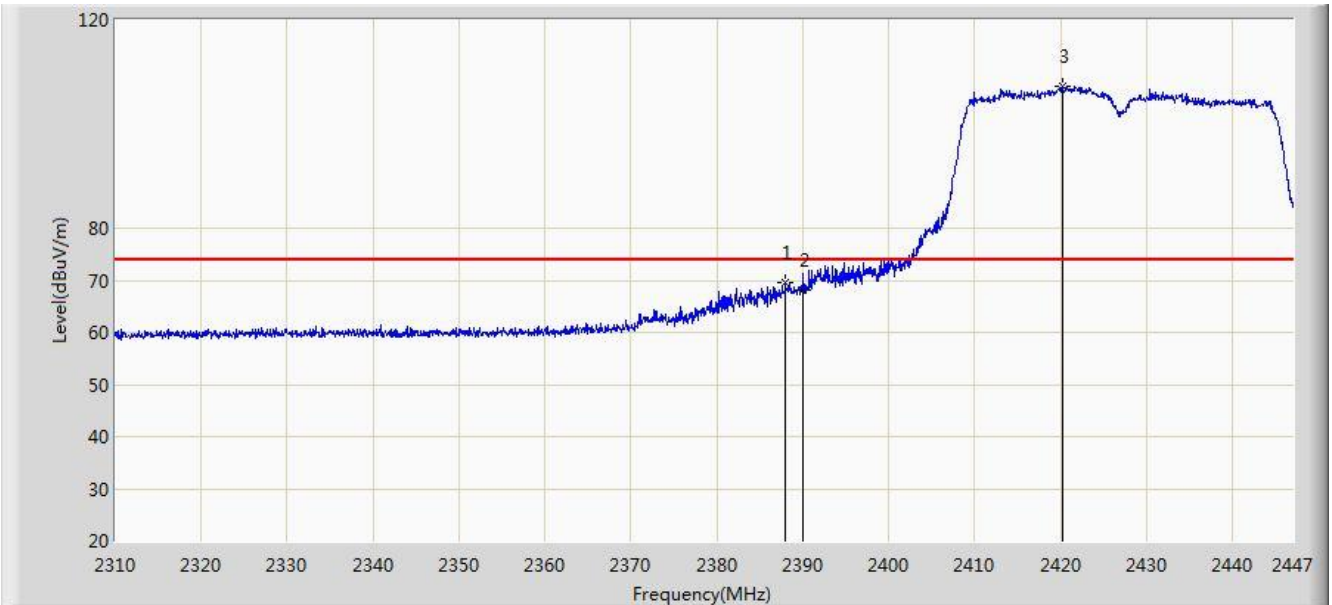
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.953	69.505	38.299	-4.495	74.000	31.206	PK
2			2390.000	67.983	36.780	-6.017	74.000	31.203	PK
3		*	2420.217	107.173	76.018	N/A	N/A	31.155	PK

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

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

| Site: AC1	Time: 2015/03/02 - 16:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2427MHz by 802.11n-HT40 Ant 0+1	
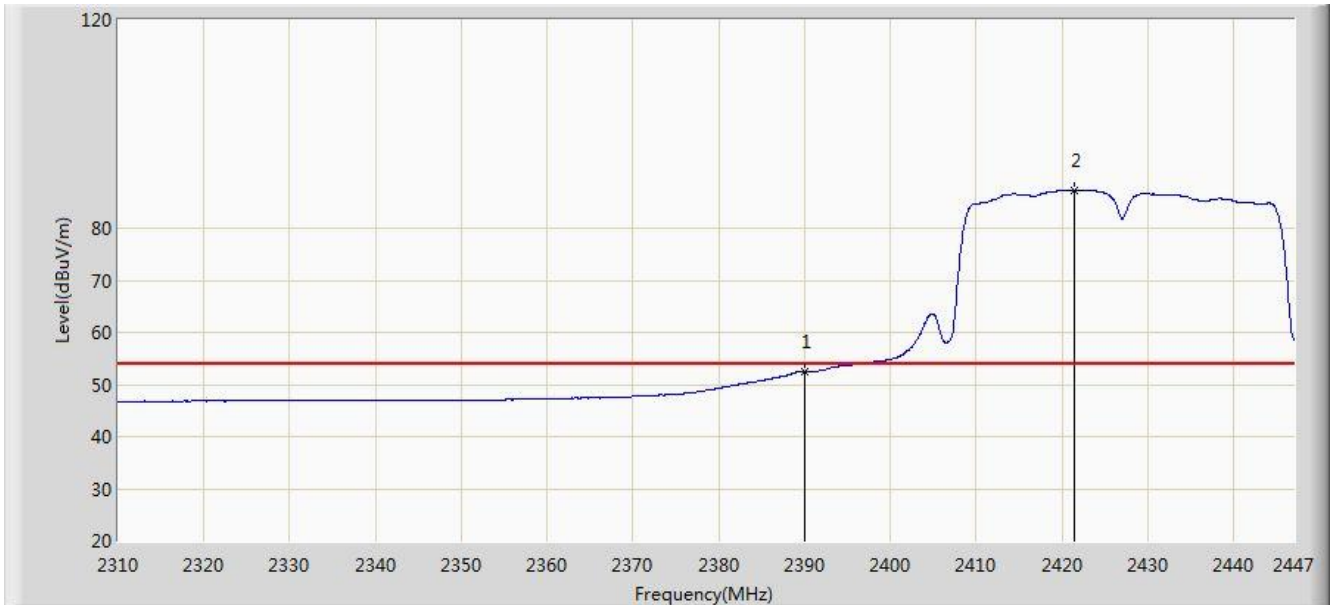
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.514	21.311	-1.486	54.000	31.203	AV
2		*	2421.381	87.281	56.128	N/A	N/A	31.154	AV

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

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

| Site: AC1	Time: 2015/03/02 - 16:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2447MHz by 802.11n-HT40 Ant 0+1	
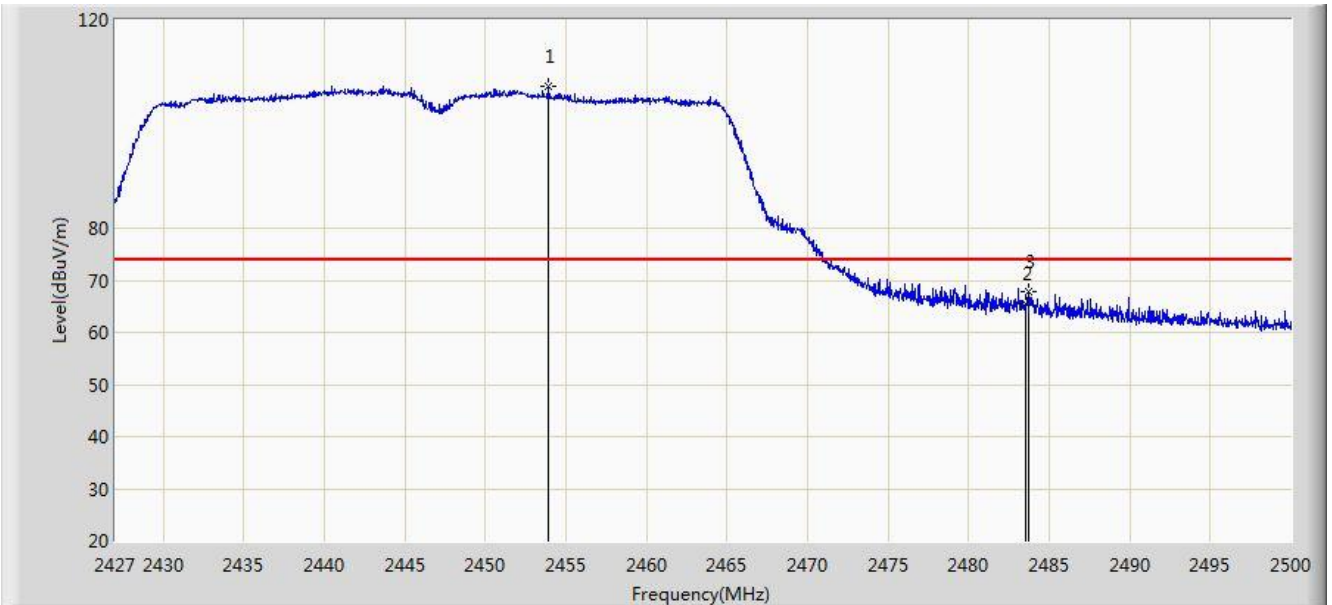
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2453.900	107.118	75.997	N/A	N/A	31.121	PK
2			2483.500	65.496	34.303	-8.504	74.000	31.194	PK
3			2483.685	67.692	36.498	-6.308	74.000	31.194	PK

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

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

| Site: AC1	Time: 2015/03/02 - 16:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2447MHz by 802.11n-HT40 Ant 0+1	
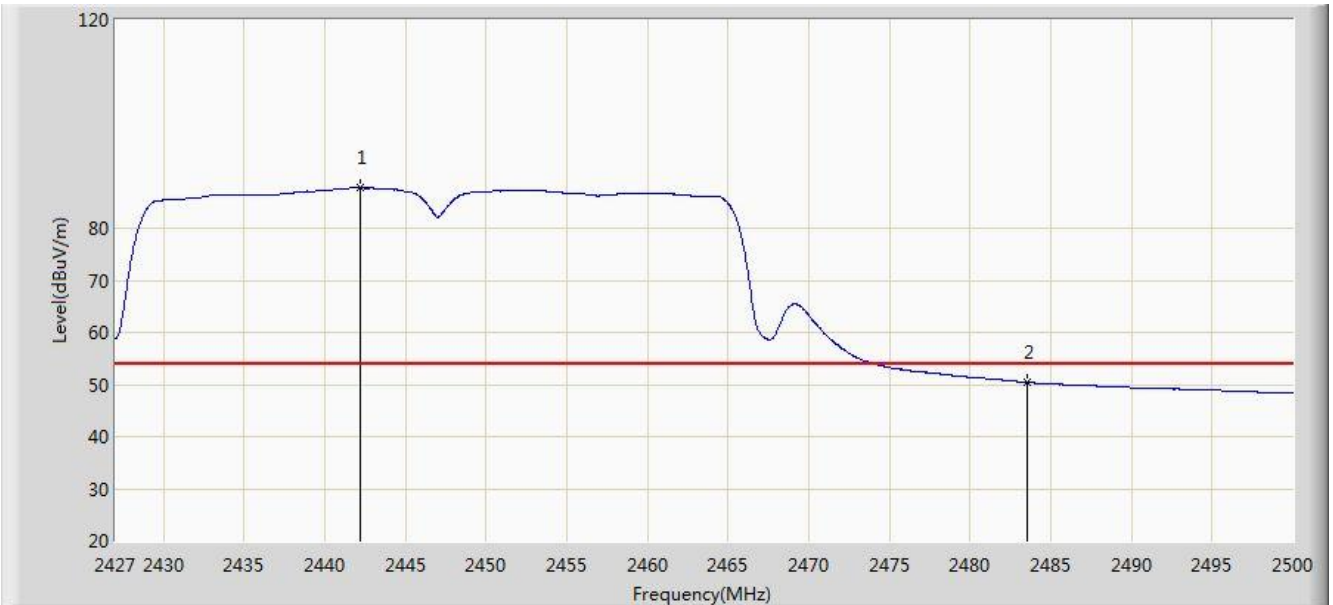
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2442.184	87.726	56.612	N/A	N/A	31.115	AV
2			2483.500	50.390	19.197	-3.610	54.000	31.194	AV

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

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

| Site: AC1	Time: 2015/03/02 - 16:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2447MHz by 802.11n-HT40 Ant 0+1	
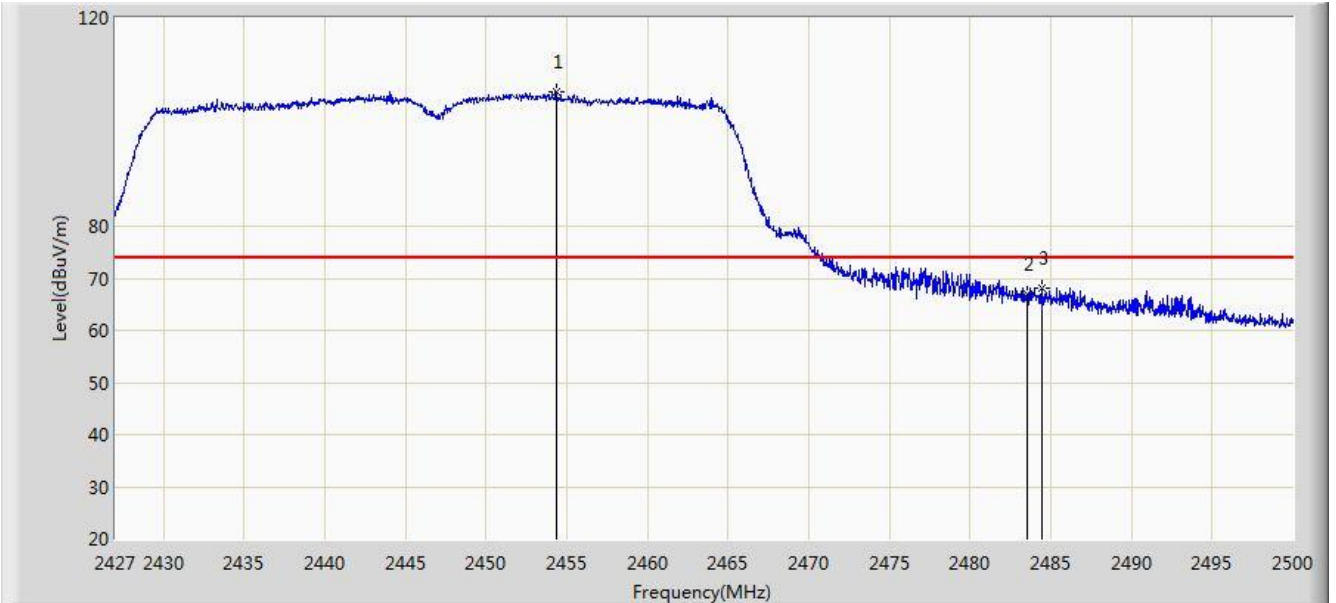
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2454.375	105.682	74.560	N/A	N/A	31.121	PK
2			2483.500	66.883	35.690	-7.117	74.000	31.194	PK
3			2484.415	68.171	36.975	-5.829	74.000	31.195	PK

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

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

| Site: AC1	Time: 2015/03/02 - 16:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2447MHz by 802.11n-HT40 Ant 0+1	
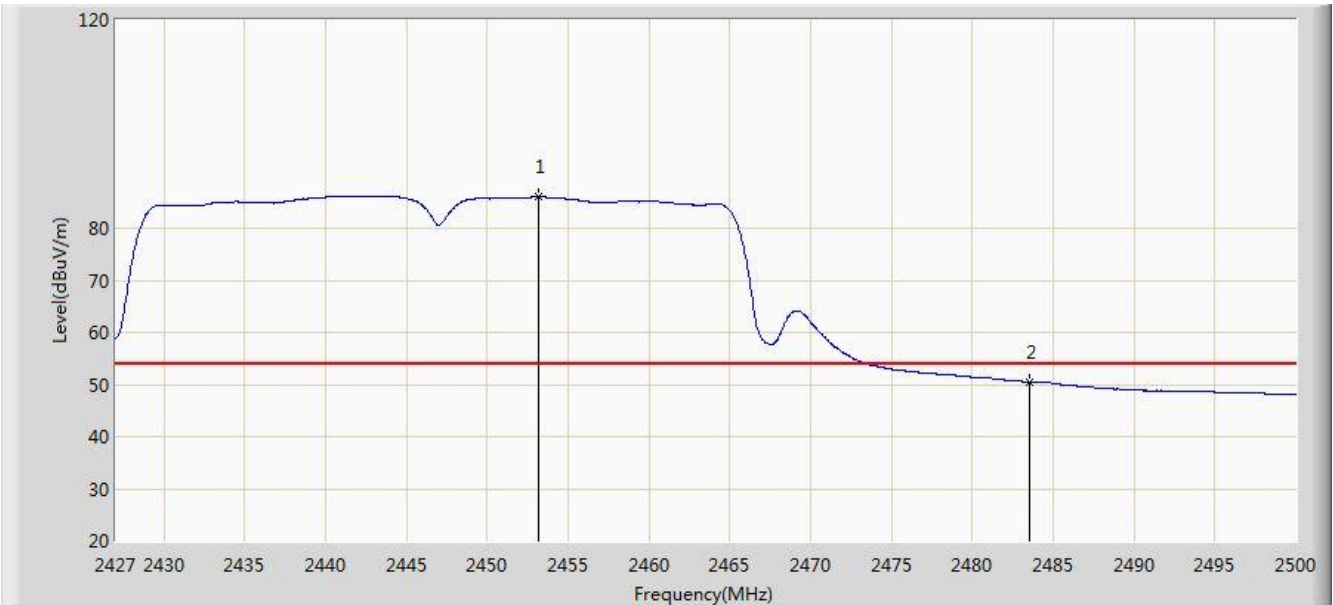
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2453.170	86.066	54.946	N/A	N/A	31.119	AV
2			2483.500	50.504	19.311	-3.496	54.000	31.194	AV

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

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

| Site: AC1	Time: 2015/03/02 - 16:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2452MHz by 802.11n-HT40 Ant 0+1	
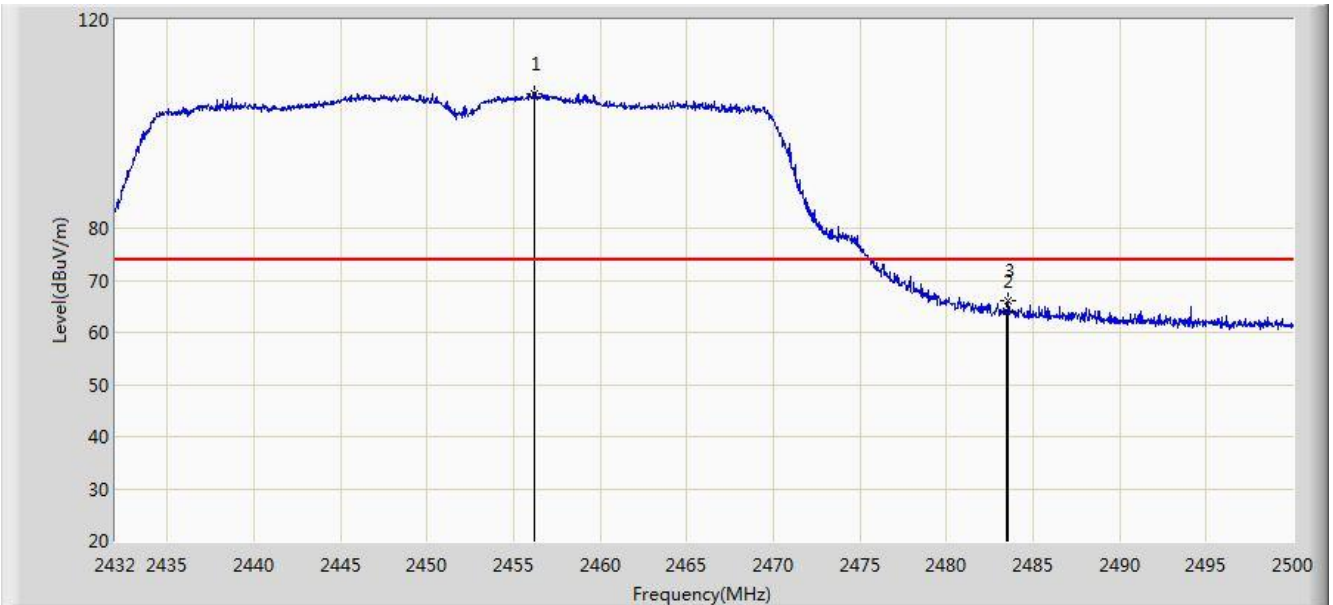
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.208	105.942	74.817	N/A	N/A	31.125	PK
2			2483.500	64.037	32.844	-9.963	74.000	31.194	PK
3			2483.578	66.193	34.999	-7.807	74.000	31.194	PK

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

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

| Site: AC1	Time: 2015/03/02 - 16:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2452MHz by 802.11n-HT40 Ant 0+1	
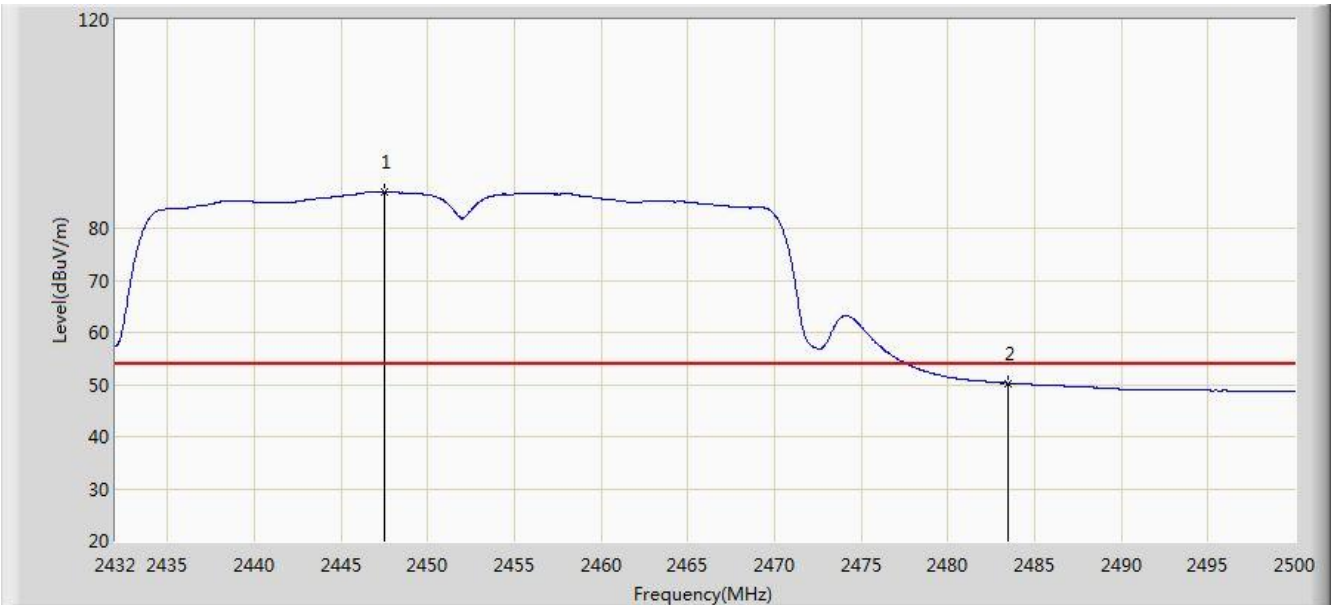
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2447.504	86.951	55.842	N/A	N/A	31.109	AV
2			2483.500	50.230	19.037	-3.770	54.000	31.194	AV

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

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

| Site: AC1	Time: 2015/03/02 - 16:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2452MHz by 802.11n-HT40 Ant 0+1	
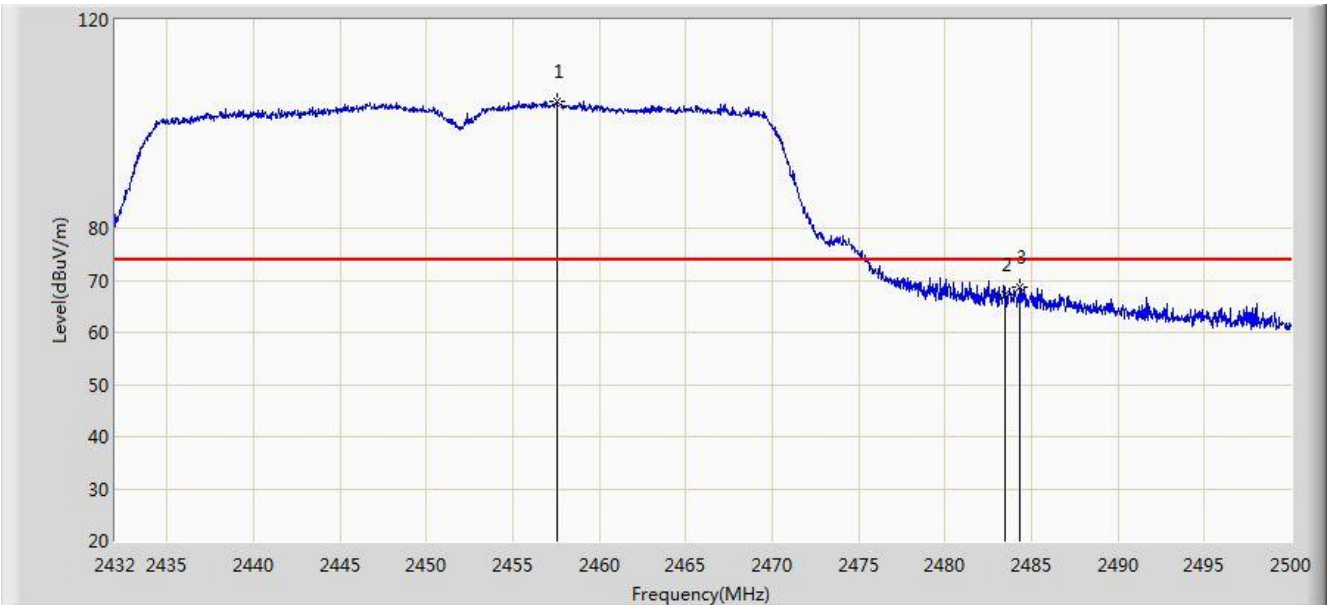
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2457.568	104.387	73.260	N/A	N/A	31.127	PK
2			2483.500	67.202	36.009	-6.798	74.000	31.194	PK
3			2484.292	68.772	37.577	-5.228	74.000	31.195	PK

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

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

Site: AC1	Time: 2015/03/02 - 16:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Test Mode: Transmit at channel 2452MHz by 802.11n-HT40 Ant 0+1	
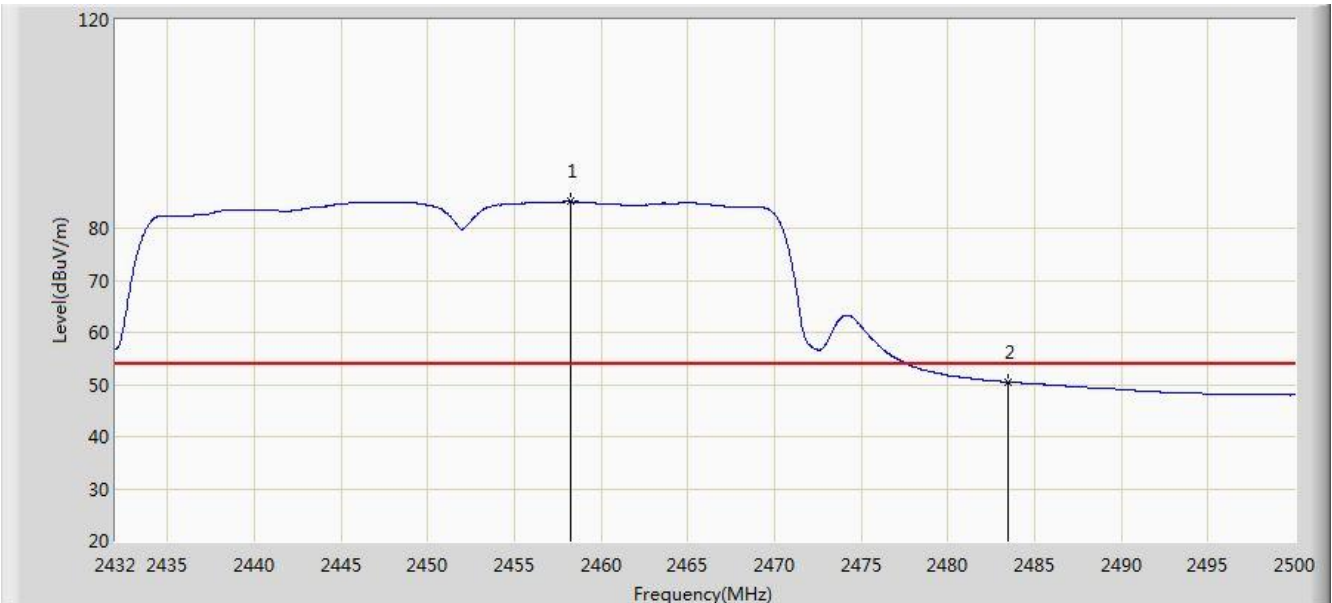
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.282	85.082	53.953	N/A	N/A	31.129	AV
2			2483.500	50.450	19.257	-3.550	54.000	31.194	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).
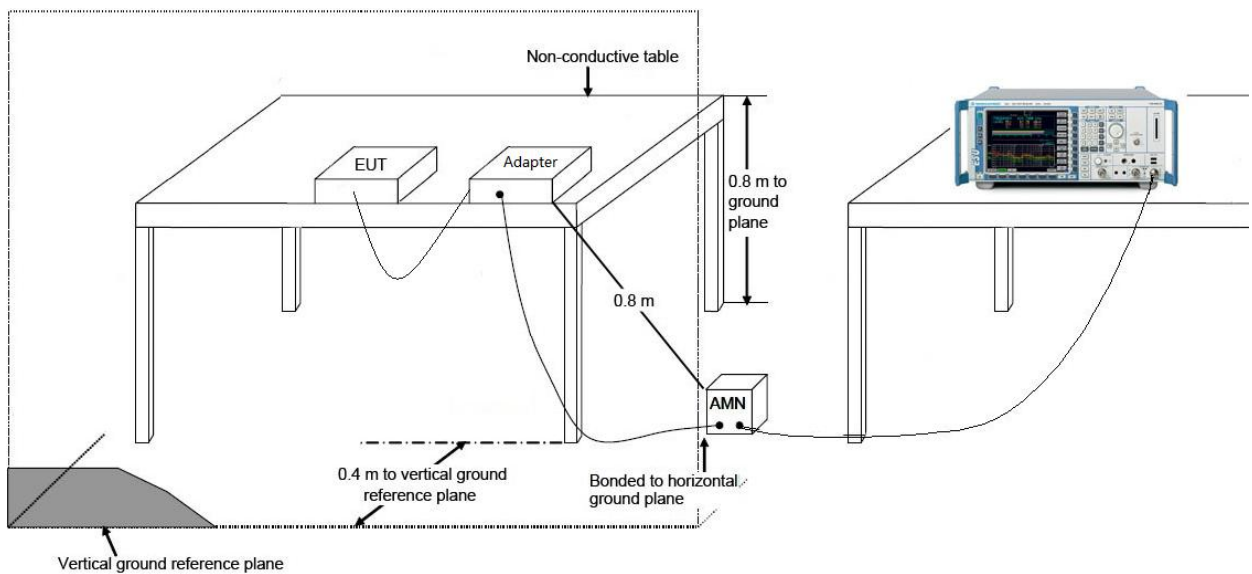
7.8. AC Conducted Emissions Measurement

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: 2015/01/31 - 19:16
Limit: FCC_Part15.207_CE_Class B	Engineer: Roy Cheng
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Note: Mode 1	
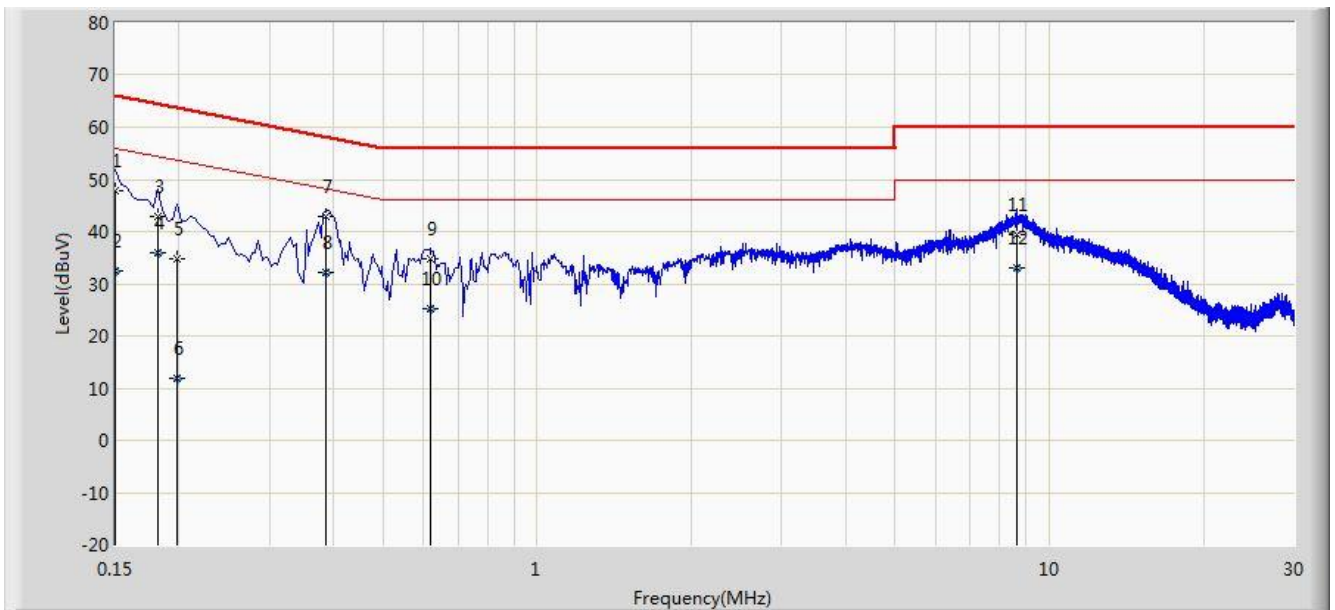
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.150	47.724	36.582	-18.276	66.000	11.142	QP
2			0.150	32.331	21.189	-23.669	56.000	11.142	AV
3			0.182	42.838	32.795	-21.556	64.394	10.042	QP
4			0.182	35.867	25.825	-18.527	54.394	10.042	AV
5			0.198	34.756	24.742	-28.938	63.694	10.015	QP
6			0.198	11.826	1.811	-41.868	53.694	10.015	AV
7		*	0.386	42.872	32.770	-15.277	58.149	10.102	QP
8			0.386	32.098	21.996	-16.051	48.149	10.102	AV
9			0.618	34.905	24.783	-21.095	56.000	10.121	QP
10			0.618	25.260	15.139	-20.740	46.000	10.121	AV
11			8.630	39.359	29.161	-20.641	60.000	10.199	QP
12			8.630	32.975	22.777	-17.025	50.000	10.199	AV

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

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

Site: SR2	Time: 2015/01/31 - 19:20
Limit: FCC_Part15.207_CE_Class B	Engineer: Roy Cheng
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: WiFi Concurrent 4 Port GE LAN VoIP Ethernet Gateway with USB	Power: AC 120V/60Hz
Note: Mode 1	
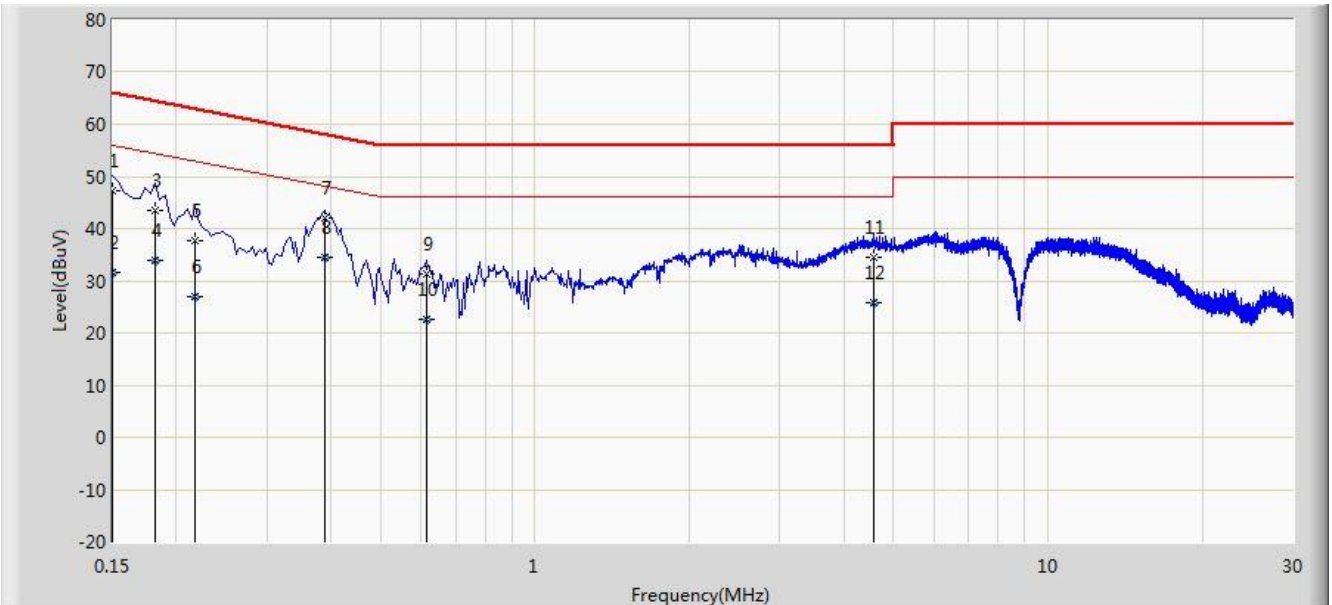
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.150	47.154	36.012	-18.846	66.000	11.142	QP
2			0.150	31.458	20.316	-24.542	56.000	11.142	AV
3			0.182	43.519	33.476	-20.875	64.394	10.042	QP
4			0.182	34.031	23.988	-20.363	54.394	10.042	AV
5			0.218	37.691	27.710	-25.204	62.895	9.981	QP
6			0.218	26.953	16.972	-25.942	52.895	9.981	AV
7			0.390	42.100	31.995	-15.964	58.064	10.105	QP
8		*	0.390	34.369	24.265	-13.694	48.064	10.105	AV
9			0.614	31.375	21.251	-24.625	56.000	10.124	QP
10			0.614	22.489	12.366	-23.511	46.000	10.124	AV
11			4.586	34.458	24.453	-21.542	56.000	10.005	QP
12			4.586	25.669	15.664	-20.331	46.000	10.005	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 **WiFi Concurrent 4 Port GE LAN**

VoIP Ethernet Gateway with USB FCC ID: 2ABLK-844E-1 is in compliance with Part 15C of the

FCC Rules.

———————————— The End ————————————