

Site: AC1	Time: 2014/12/18 - 10:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 1: Transmit at channel 2462MHz by 802.11b Ant 0	

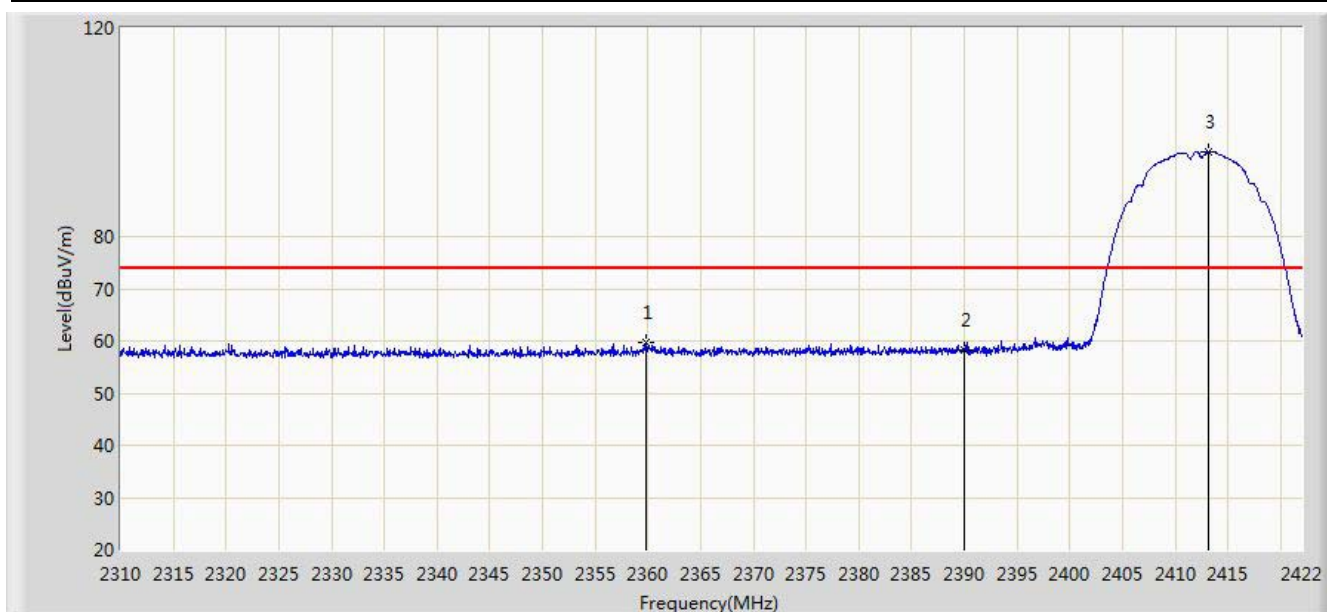


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.072	108.204	76.412	N/A	N/A	31.792	AV
2			2483.500	49.389	17.542	-4.611	54.000	31.848	AV
3			2490.112	49.456	17.591	-4.544	54.000	31.865	AV

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

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

Site: AC1	Time: 2014/12/18 - 10:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 1: Transmit at channel 2412MHz by 802.11b Ant 1	

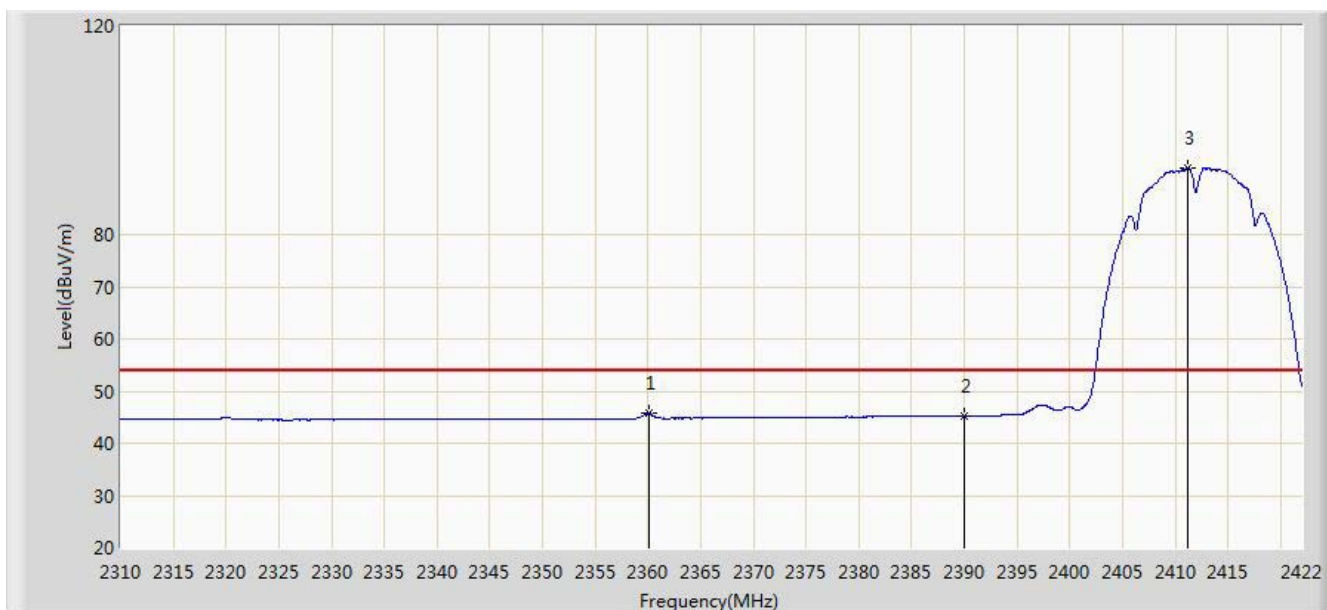


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2359.784	59.786	27.882	-14.214	74.000	31.904	PK
2			2390.000	58.202	26.346	-15.798	74.000	31.856	PK
3		*	2413.208	96.296	64.477	N/A	N/A	31.819	PK

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

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

Site: AC1	Time: 2014/12/18 - 10:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 1: Transmit at channel 2412MHz by 802.11b Ant 1	

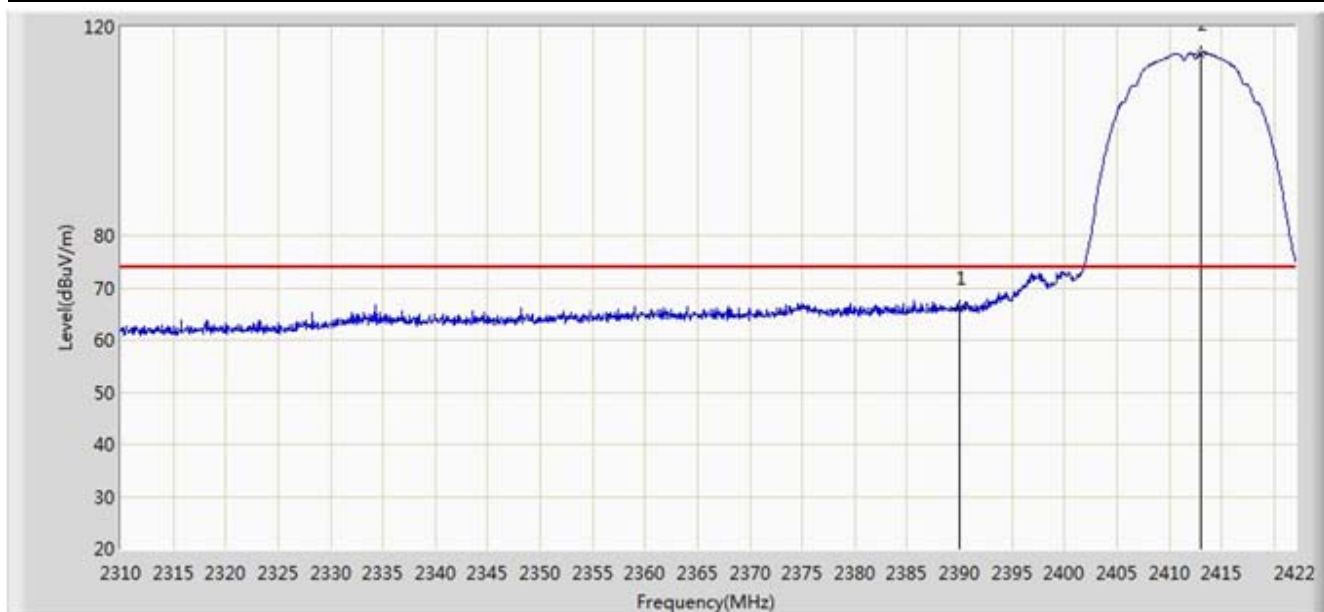


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2360.120	45.679	13.775	-8.321	54.000	31.903	AV
2			2390.000	45.147	13.291	-8.853	54.000	31.856	AV
3		*	2411.136	92.799	60.977	N/A	N/A	31.822	AV

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

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

Site: AC1	Time: 2014/12/18 - 10:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 1: Transmit at channel 2412MHz by 802.11b Ant 1	

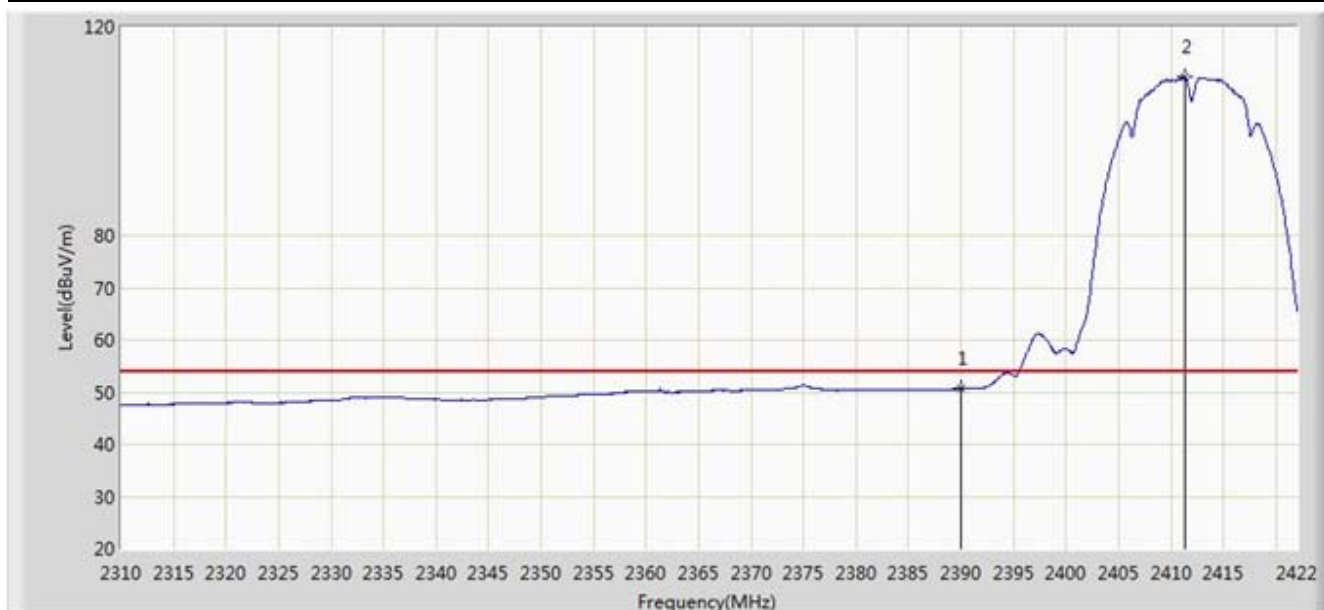


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	65.990	34.134	-8.010	74.000	31.856	PK
2		*	2412.984	114.910	83.091	N/A	N/A	31.820	PK

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

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

Site: AC1	Time: 2014/12/18 - 10:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 1: Transmit at channel 2412MHz by 802.11b Ant 1	

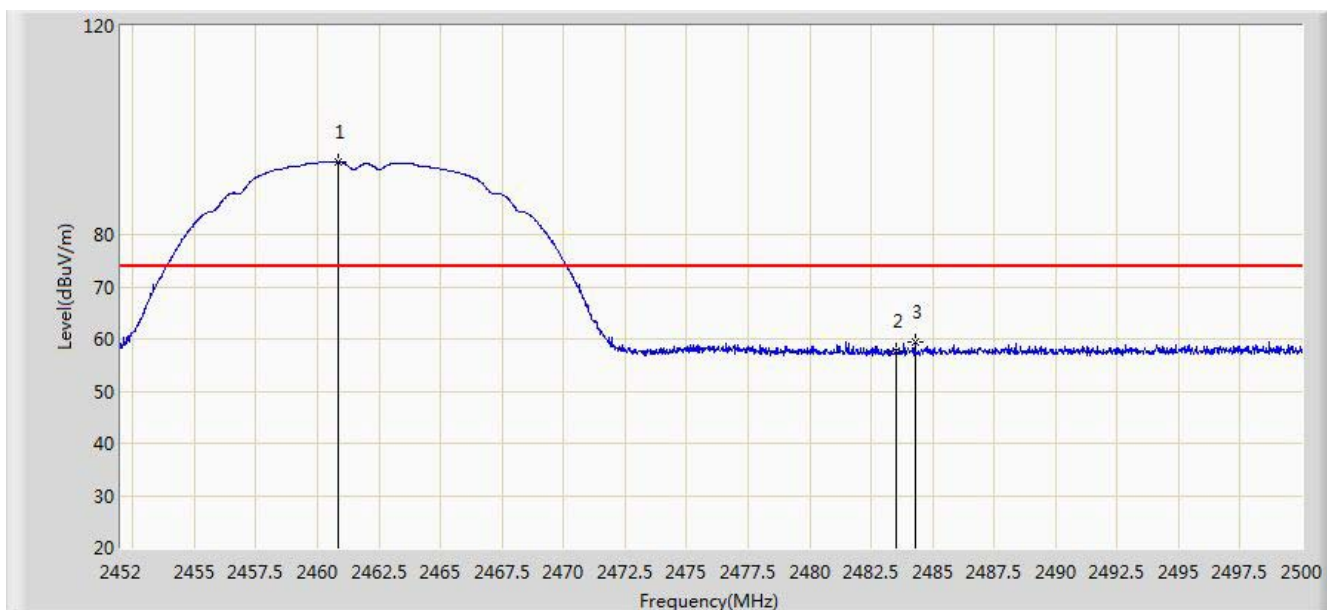


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.675	18.819	-3.325	54.000	31.856	AV
2		*	2411.304	110.353	78.531	N/A	N/A	31.822	AV

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

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

Site: AC1	Time: 2014/12/18 - 10:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 1: Transmit at channel 2462MHz by 802.11b Ant 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.856	93.937	62.146	N/A	N/A	31.791	PK
2			2483.500	57.617	25.770	-16.383	74.000	31.848	PK
3			2484.280	59.526	27.677	-14.474	74.000	31.849	PK

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

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

Site: AC1	Time: 2014/12/18 - 10:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 1: Transmit at channel 2462MHz by 802.11b Ant 1	

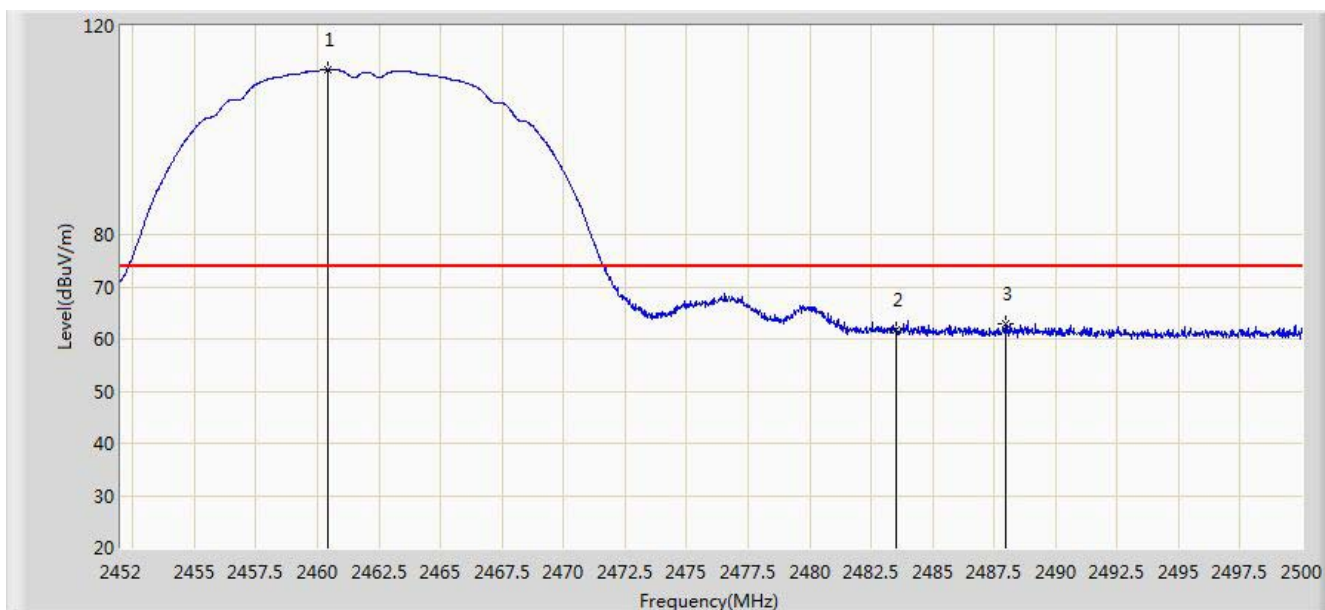


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.384	90.369	58.577	N/A	N/A	31.792	AV
2			2483.500	44.678	12.831	-9.322	54.000	31.848	AV

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

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

Site: AC1	Time: 2014/12/18 - 10:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 1: Transmit at channel 2462MHz by 802.11b Ant 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2460.400	111.587	79.796	N/A	N/A	31.791	PK
2			2483.500	61.779	29.932	-12.221	74.000	31.848	PK
3			2487.976	63.023	31.164	-10.977	74.000	31.859	PK

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

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

Site: AC1	Time: 2014/12/18 - 10:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 1: Transmit at channel 2462MHz by 802.11b Ant 1	

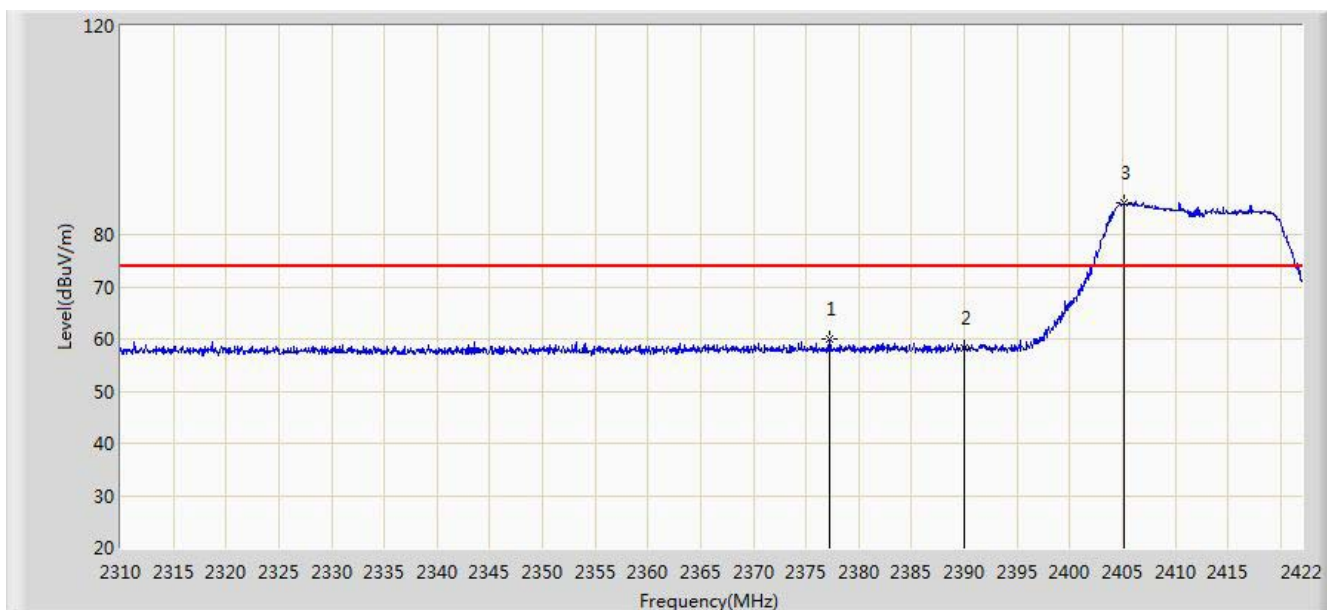


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.024	107.735	75.943	N/A	N/A	31.791	AV
2			2483.500	49.262	17.415	-4.738	54.000	31.848	AV

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

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

Site: AC1	Time: 2014/12/18 - 10:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 2: Transmit at channel 2412MHz by 802.11g Ant 0	

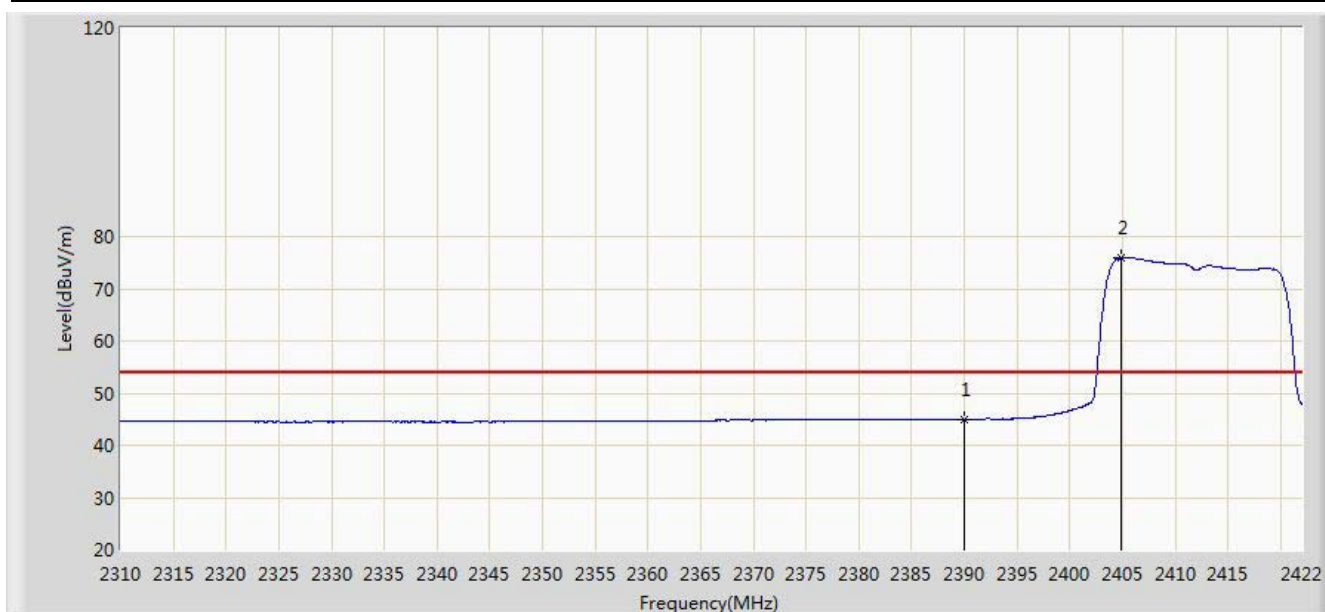


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2377.256	59.969	28.093	-14.031	74.000	31.876	PK
2			2390.000	58.278	26.422	-15.722	74.000	31.856	PK
3		*	2405.200	86.027	54.195	N/A	N/A	31.832	PK

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

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

Site: AC1	Time: 2014/12/18 - 10:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 2: Transmit at channel 2412MHz by 802.11g Ant 0	

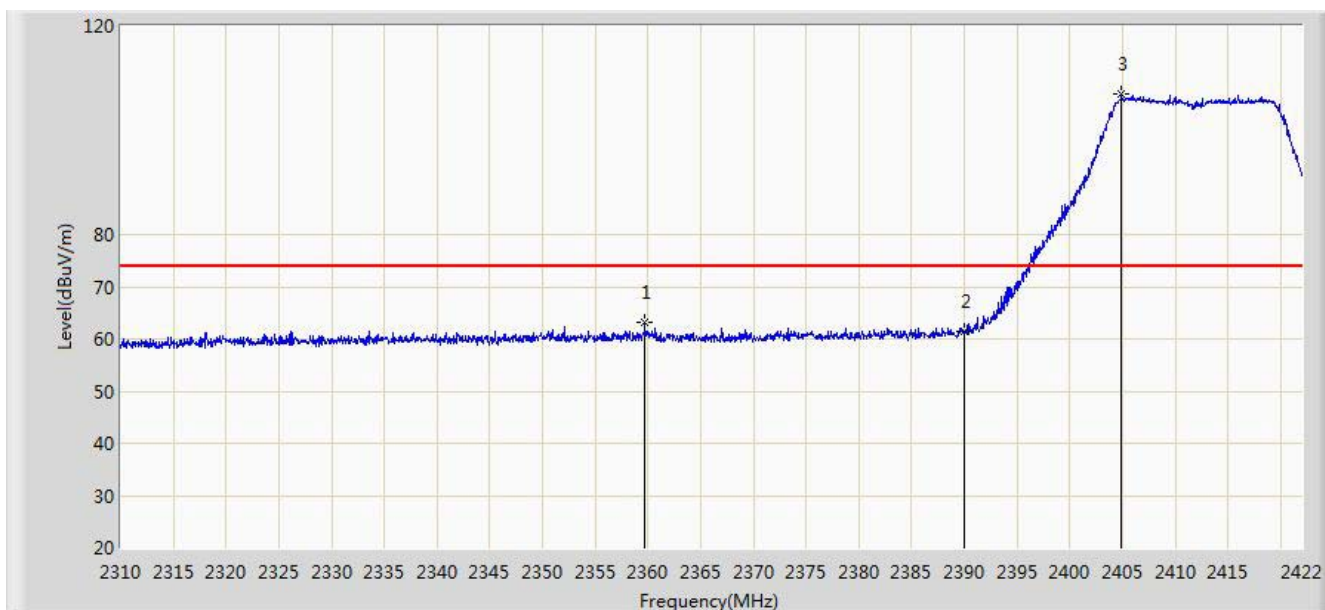


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.965	13.109	-9.035	54.000	31.856	AV
2		*	2404.864	75.857	44.025	N/A	N/A	31.833	AV

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

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

Site: AC1	Time: 2014/12/18 - 10:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 2: Transmit at channel 2412MHz by 802.11g Ant 0	

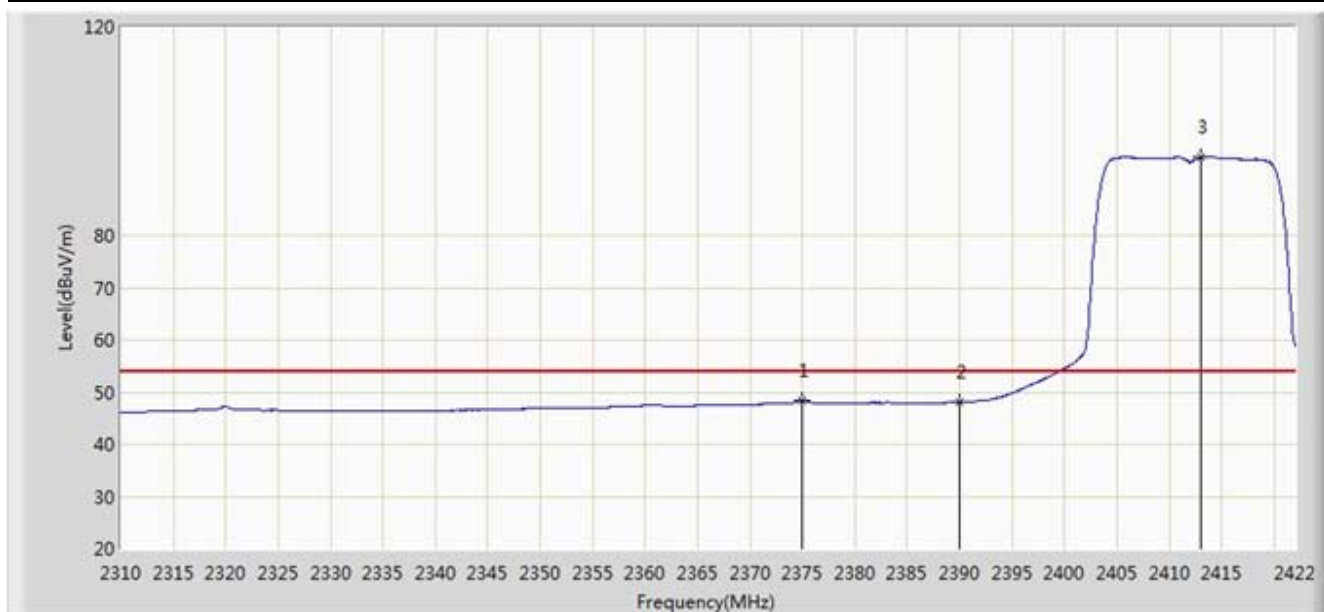


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2359.672	63.100	31.196	-10.900	74.000	31.905	PK
2			2390.000	61.398	29.542	-12.602	74.000	31.856	PK
3		*	2404.920	106.875	75.043	N/A	N/A	31.832	PK

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

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

Site: AC1	Time: 2014/12/18 - 10:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 2: Transmit at channel 2412MHz by 802.11g Ant 0	

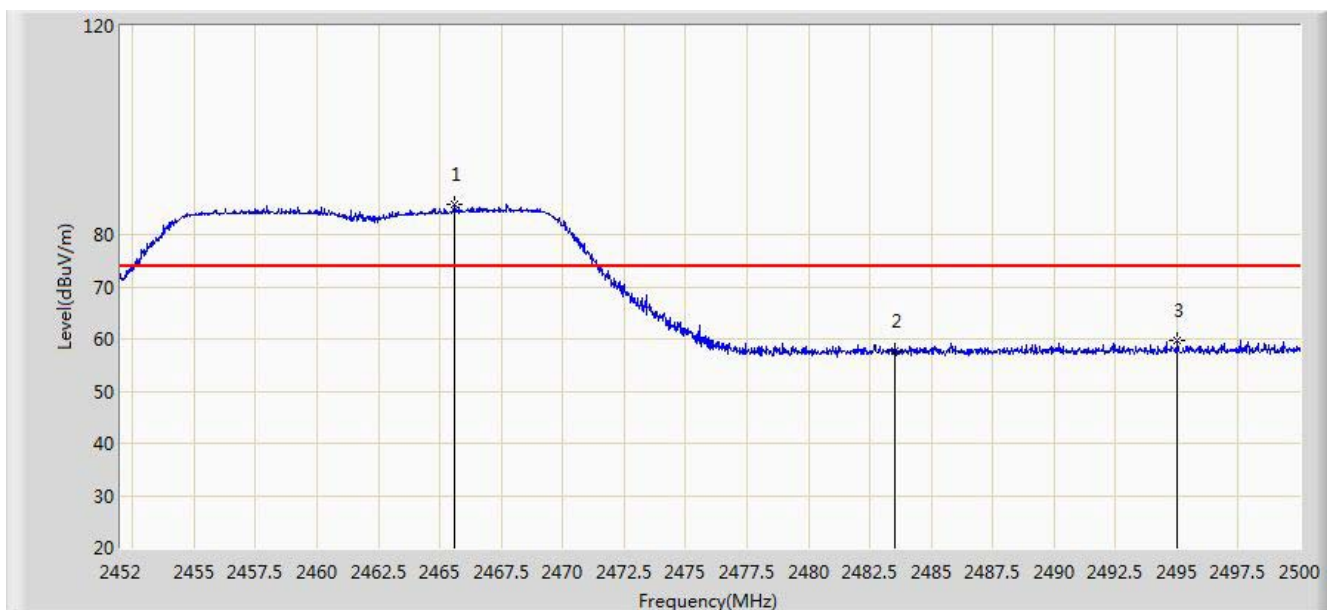


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2375.016	48.423	16.543	-5.577	54.000	31.880	AV
2			2390.000	48.038	16.182	-5.962	54.000	31.856	AV
3		*	2412.984	95.014	63.195	N/A	N/A	31.820	AV

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

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

Site: AC1	Time: 2014/12/18 - 10:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 2: Transmit at channel 2462MHz by 802.11g Ant 0	

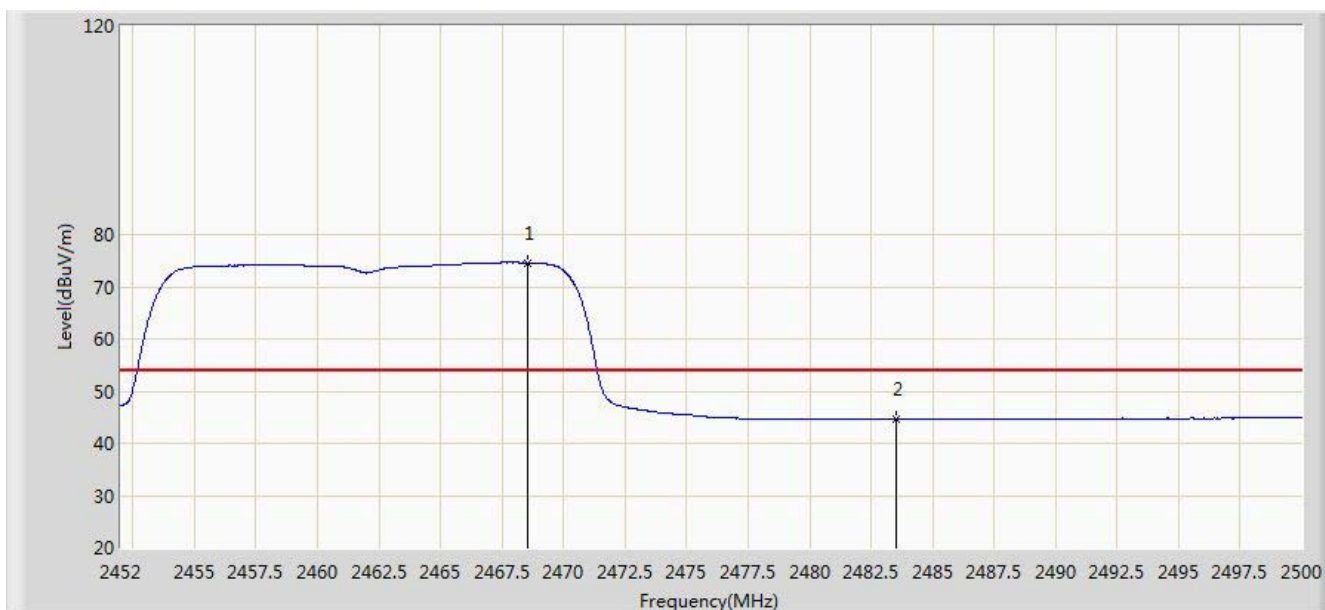


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2465.584	85.809	54.008	N/A	N/A	31.801	PK
2			2483.500	57.725	25.878	-16.275	74.000	31.848	PK
3			2495.032	59.635	27.757	-14.365	74.000	31.877	PK

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

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

Site: AC1	Time: 2014/12/18 - 10:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 2: Transmit at channel 2462MHz by 802.11g Ant 0	

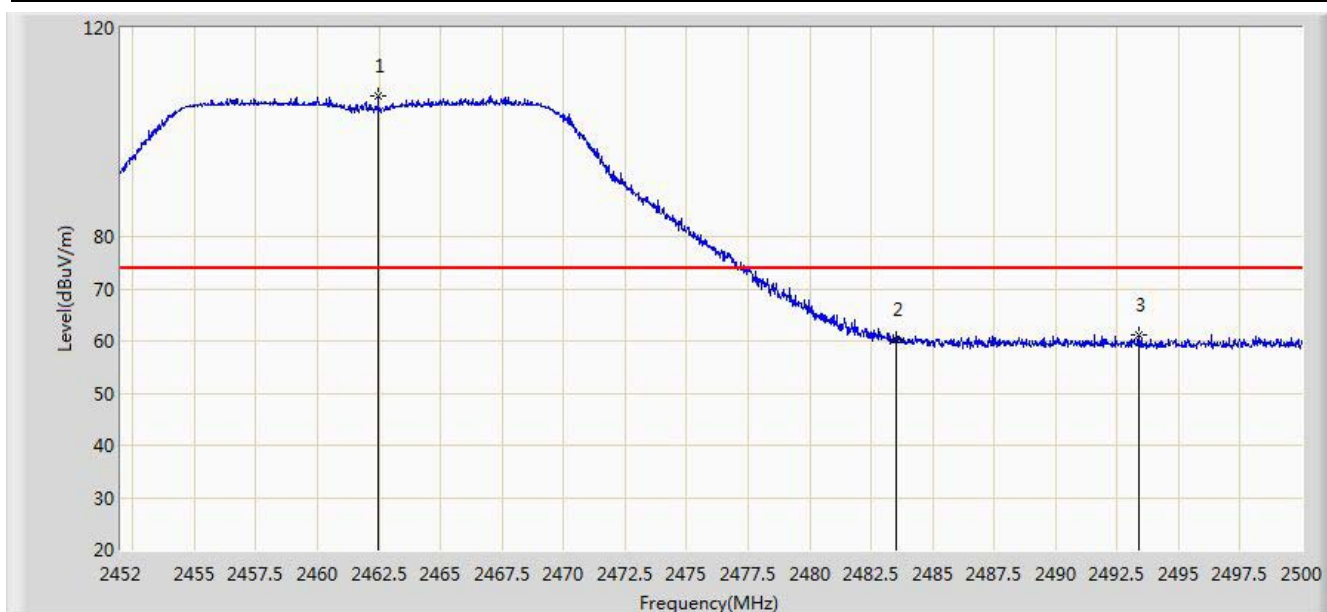


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2468.536	74.632	42.823	N/A	N/A	31.809	AV
2			2483.500	44.611	12.764	-9.389	54.000	31.848	AV

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

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

Site: AC1	Time: 2014/12/18 - 10:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 2: Transmit at channel 2462MHz by 802.11g Ant 0	

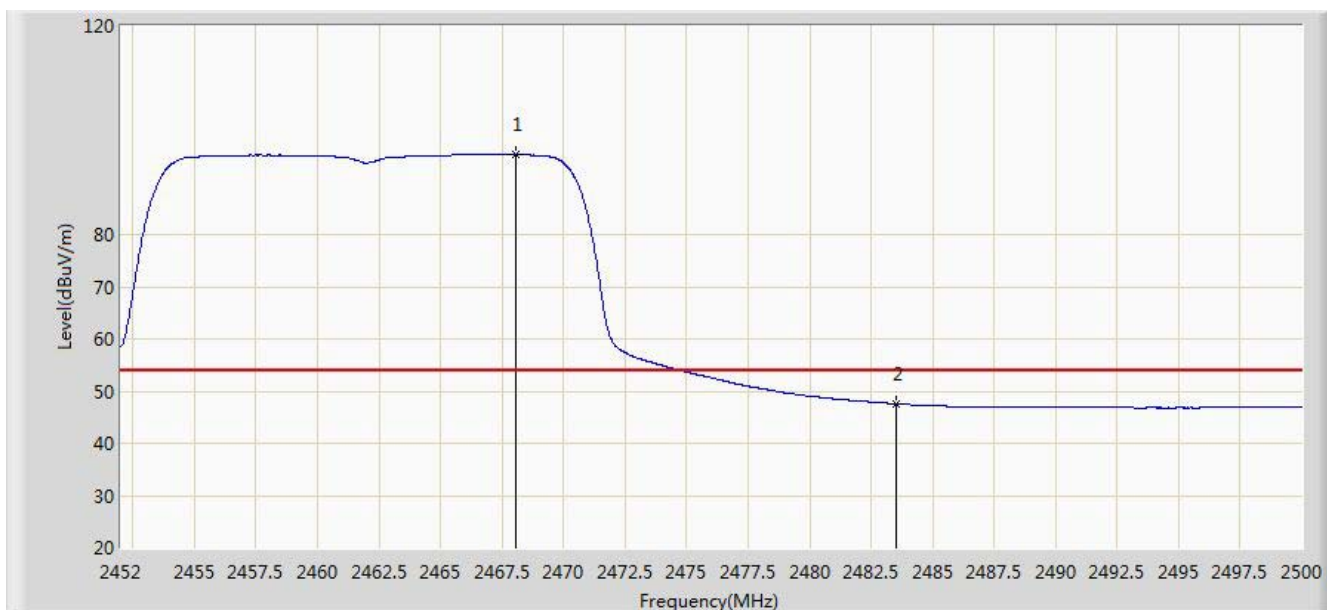


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2462.464	106.816	75.022	N/A	N/A	31.794	PK
2			2483.500	60.316	28.469	-13.684	74.000	31.848	PK
3			2493.376	61.139	29.266	-12.861	74.000	31.873	PK

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

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

Site: AC1	Time: 2014/12/18 - 10:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 2: Transmit at channel 2462MHz by 802.11g Ant 0	

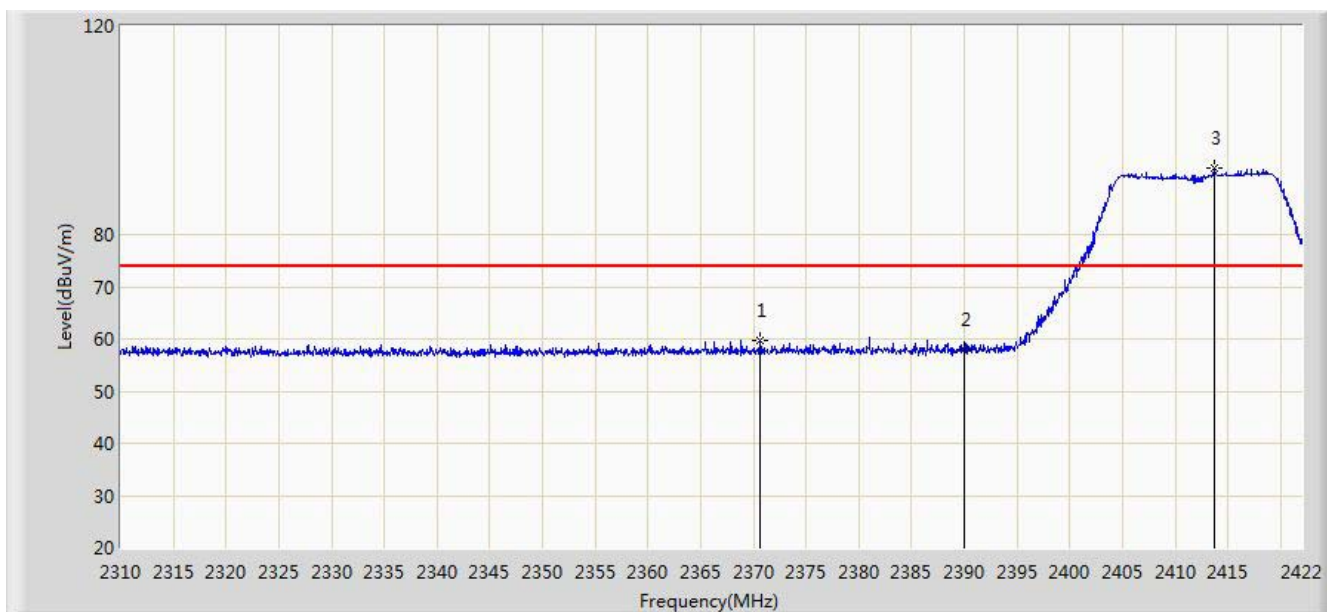


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2468.032	95.388	63.581	N/A	N/A	31.808	AV
2			2483.500	47.569	15.722	-6.431	54.000	31.848	AV

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

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

Site: AC1	Time: 2014/12/19 - 09:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 2: Transmit at channel 2412MHz by 802.11g Ant 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2370.648	59.602	27.715	-14.398	74.000	31.887	PK
2			2390.000	57.973	26.117	-16.027	74.000	31.856	PK
3		*	2413.656	92.610	60.792	N/A	N/A	31.818	PK

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

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

Site: AC1	Time: 2014/12/19 - 09:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 2: Transmit at channel 2412MHz by 802.11g Ant 1	

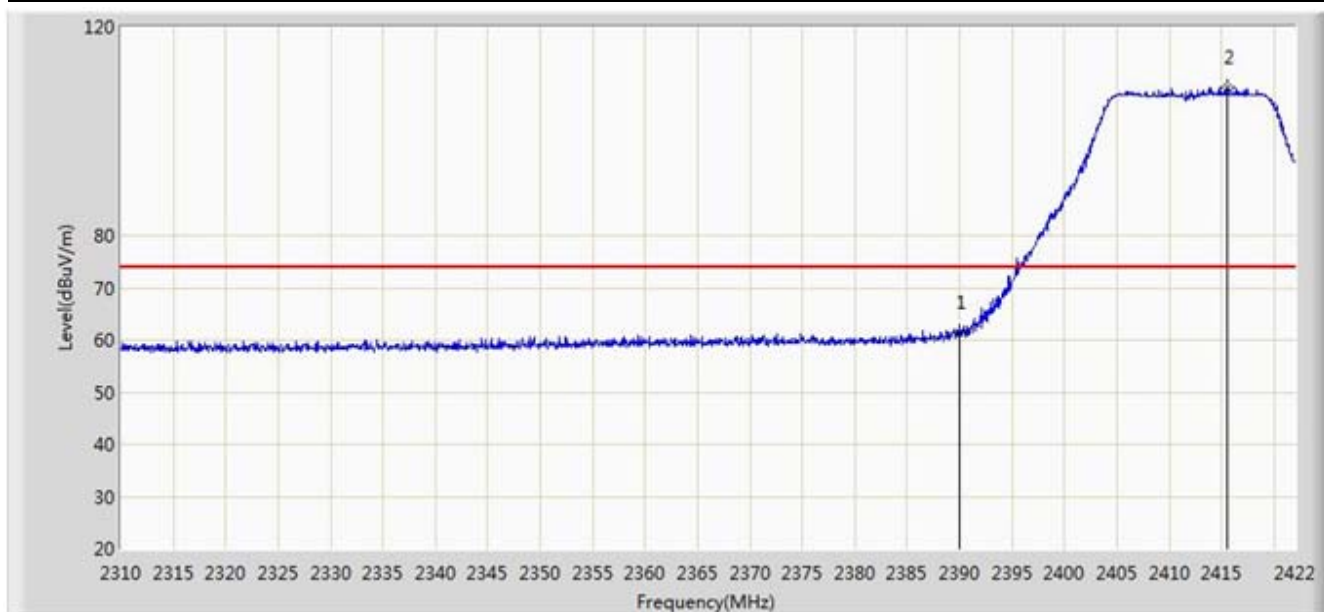


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.030	13.174	-8.970	54.000	31.856	AV
2		*	2415.336	81.155	49.340	N/A	N/A	31.815	AV

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

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

Site: AC1	Time: 2014/12/19 - 09:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 2: Transmit at channel 2412MHz by 802.11g Ant 1	

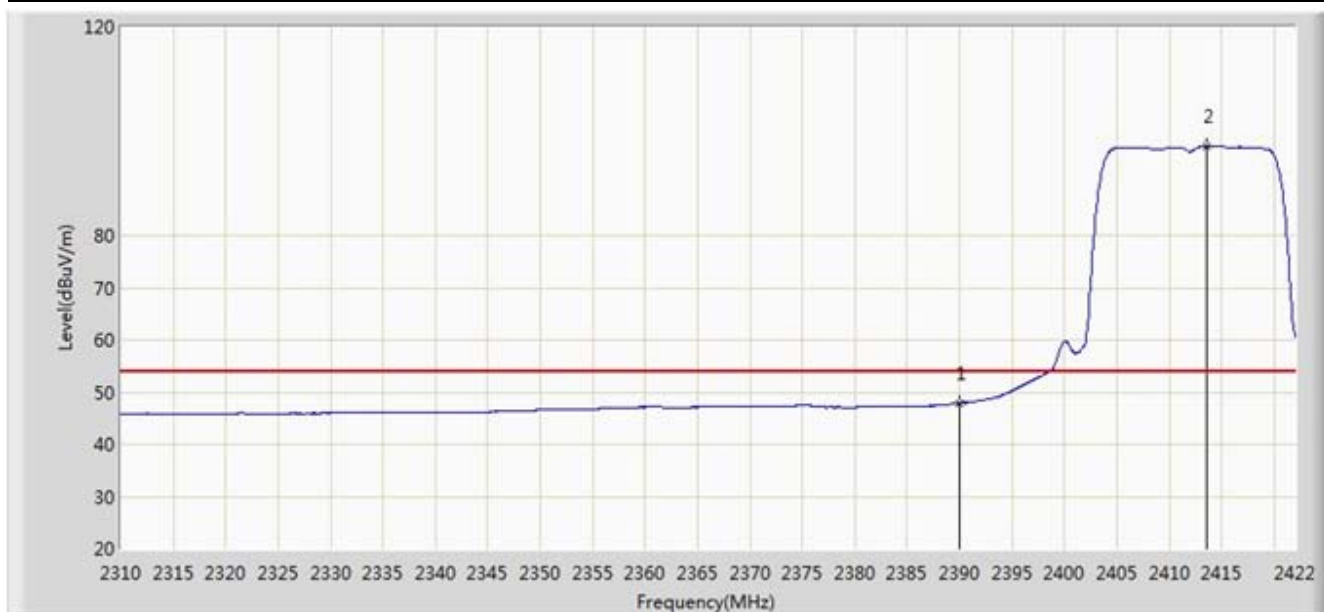


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	61.506	29.650	-12.494	74.000	31.856	PK
2		*	2415.504	108.441	76.626	N/A	N/A	31.815	PK

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

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

Site: AC1	Time: 2014/12/19 - 09:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 2: Transmit at channel 2412MHz by 802.11g Ant 1	

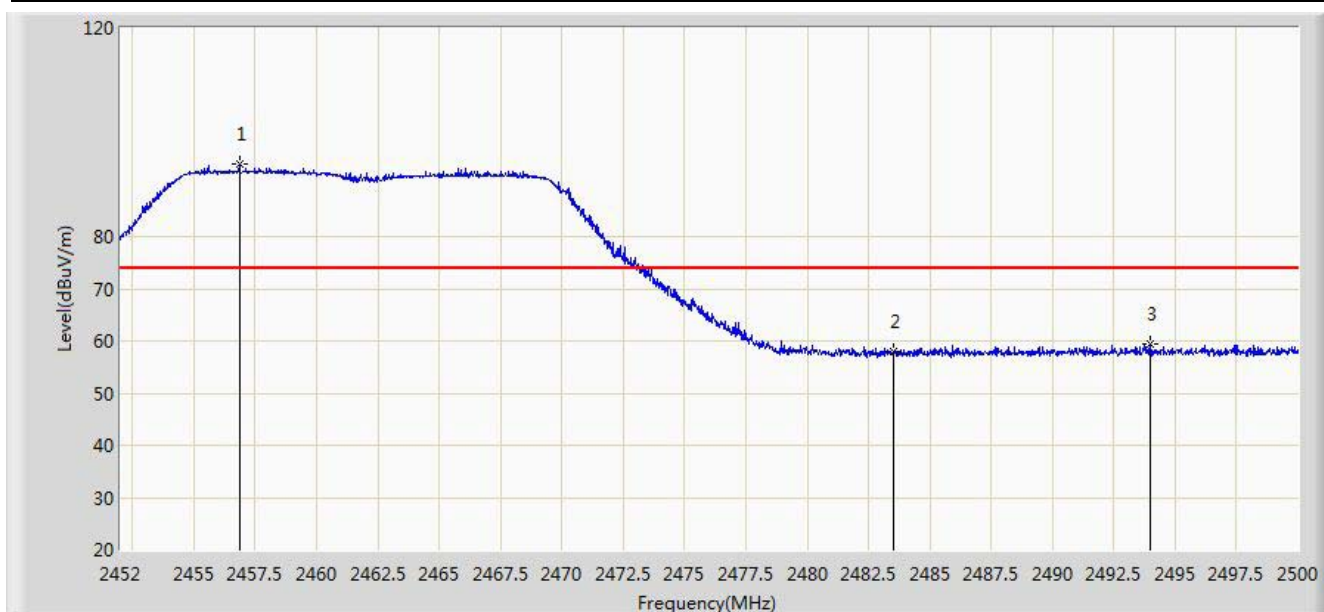


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.892	16.036	-6.108	54.000	31.856	AV
2		*	2413.600	97.119	65.301	N/A	N/A	31.818	AV

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

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

Site: AC1	Time: 2014/12/19 - 09:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 2: Transmit at channel 2462MHz by 802.11g Ant 1	

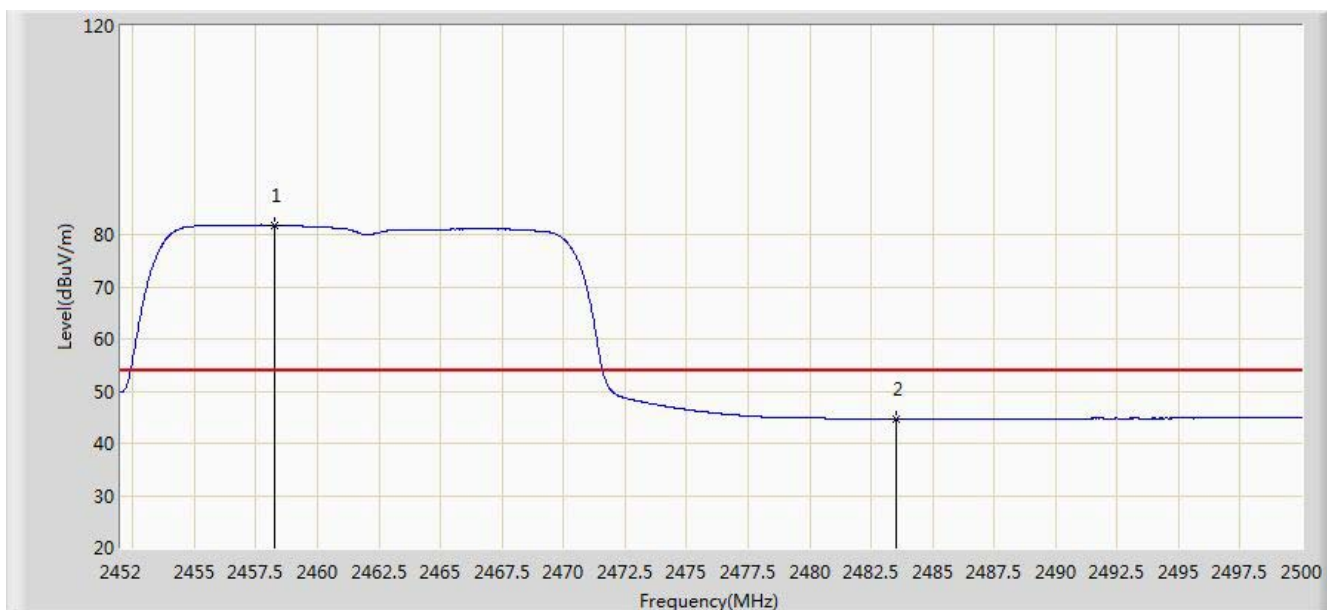


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.848	93.861	62.077	N/A	N/A	31.785	PK
2			2483.500	57.909	26.062	-16.091	74.000	31.848	PK
3			2493.976	59.370	27.495	-14.630	74.000	31.875	PK

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

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

Site: AC1	Time: 2014/12/19 - 09:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 2: Transmit at channel 2462MHz by 802.11g Ant 1	

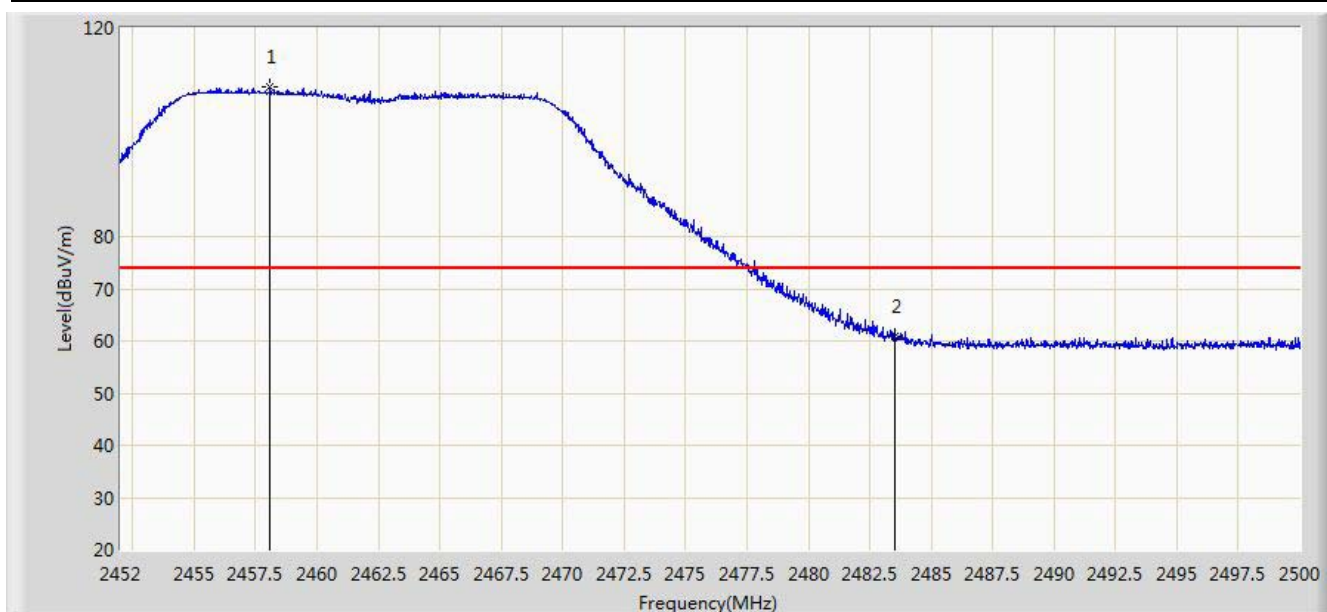


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.240	81.755	49.968	N/A	N/A	31.787	AV
2			2483.500	44.658	12.811	-9.342	54.000	31.848	AV

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

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

Site: AC1	Time: 2014/12/19 - 09:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 2: Transmit at channel 2462MHz by 802.11g Ant 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.096	108.671	76.884	N/A	N/A	31.787	PK
2			2483.500	60.776	28.929	-13.224	74.000	31.848	PK

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

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

Site: AC1	Time: 2014/12/19 - 09:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 2: Transmit at channel 2462MHz by 802.11g Ant 1	

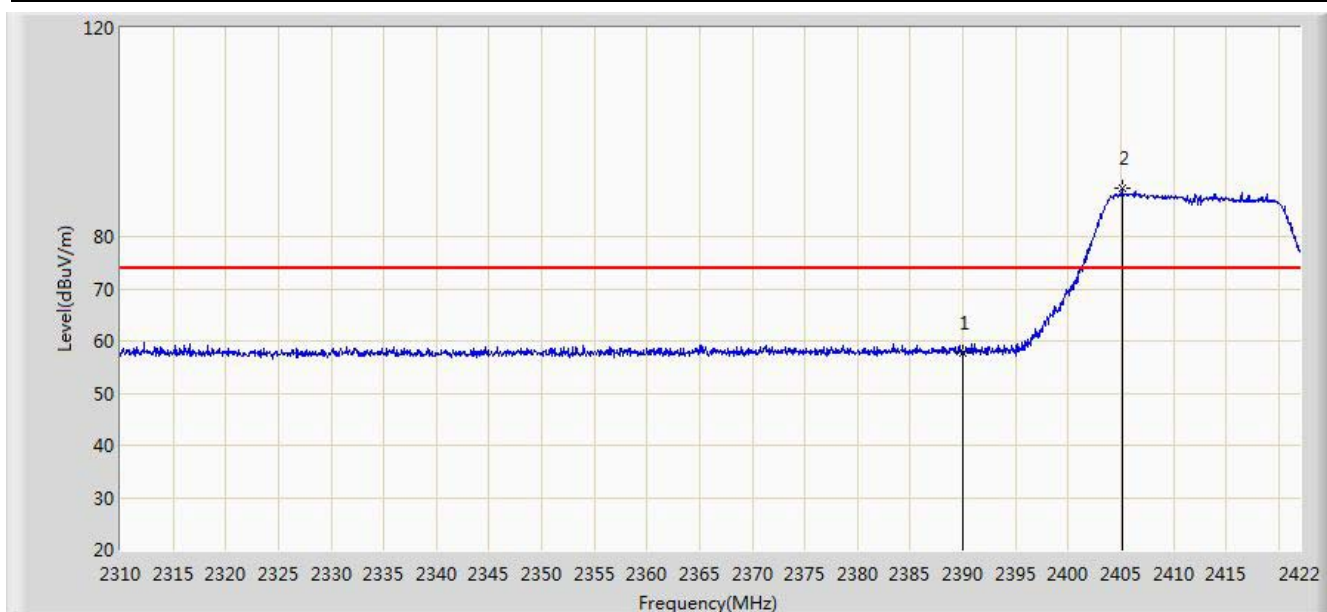


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2455.792	97.542	65.759	N/A	N/A	31.783	AV
2			2483.500	47.411	15.564	-6.589	54.000	31.848	AV

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

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

Site: AC1	Time: 2014/12/19 - 10:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2412MHz by 802.11n-HT20 Ant 0	

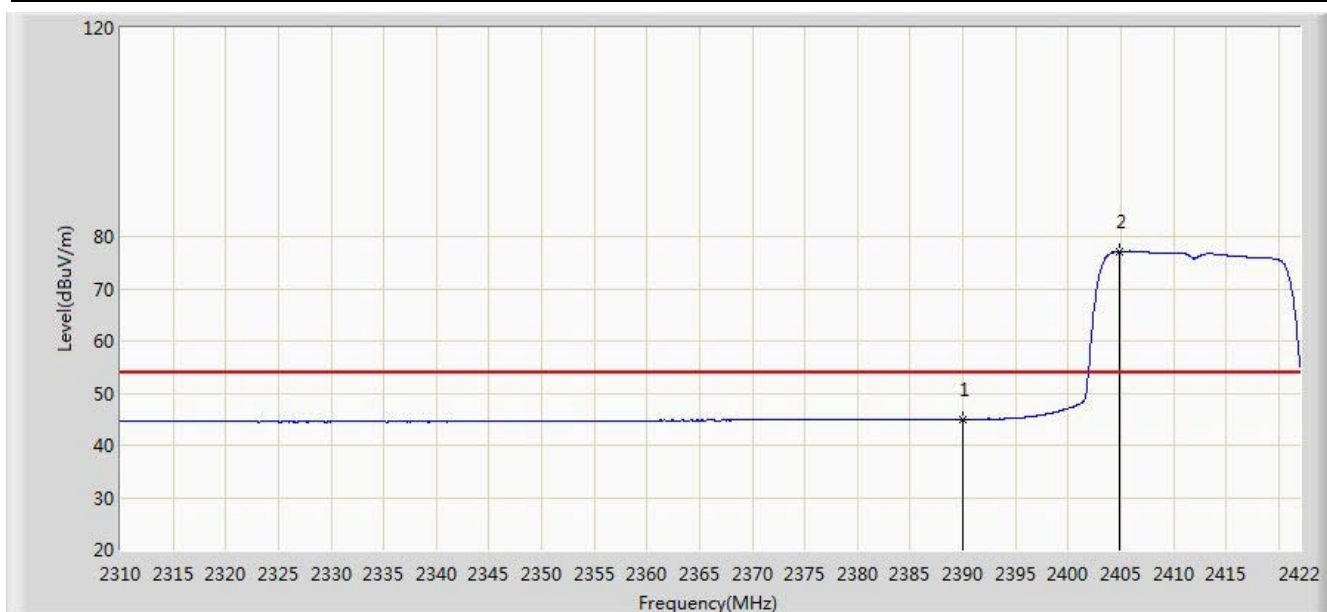


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	57.722	25.866	-16.278	74.000	31.856	PK
2		*	2405.088	89.241	57.409	N/A	N/A	31.832	PK

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

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

Site: AC1	Time: 2014/12/19 - 10:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2412MHz by 802.11n-HT20 Ant 0	

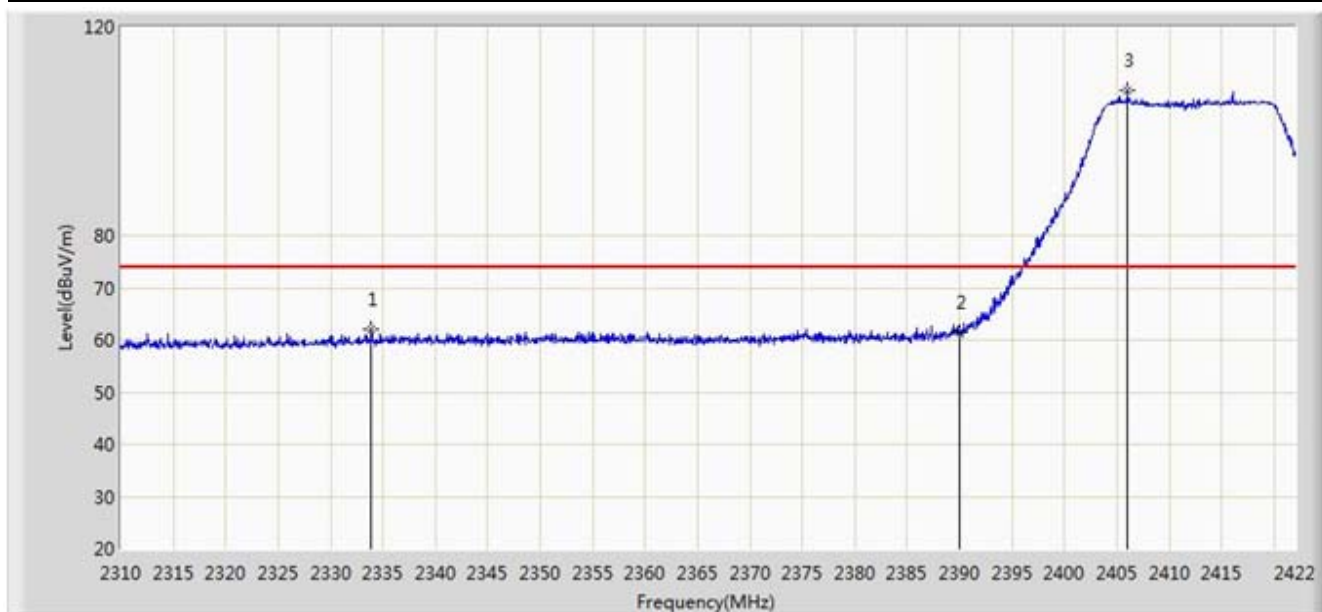


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.006	13.150	-8.994	54.000	31.856	AV
2		*	2404.864	77.173	45.341	N/A	N/A	31.833	AV

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

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

Site: AC1	Time: 2014/12/19 - 10:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2412MHz by 802.11n-HT20 Ant 0	

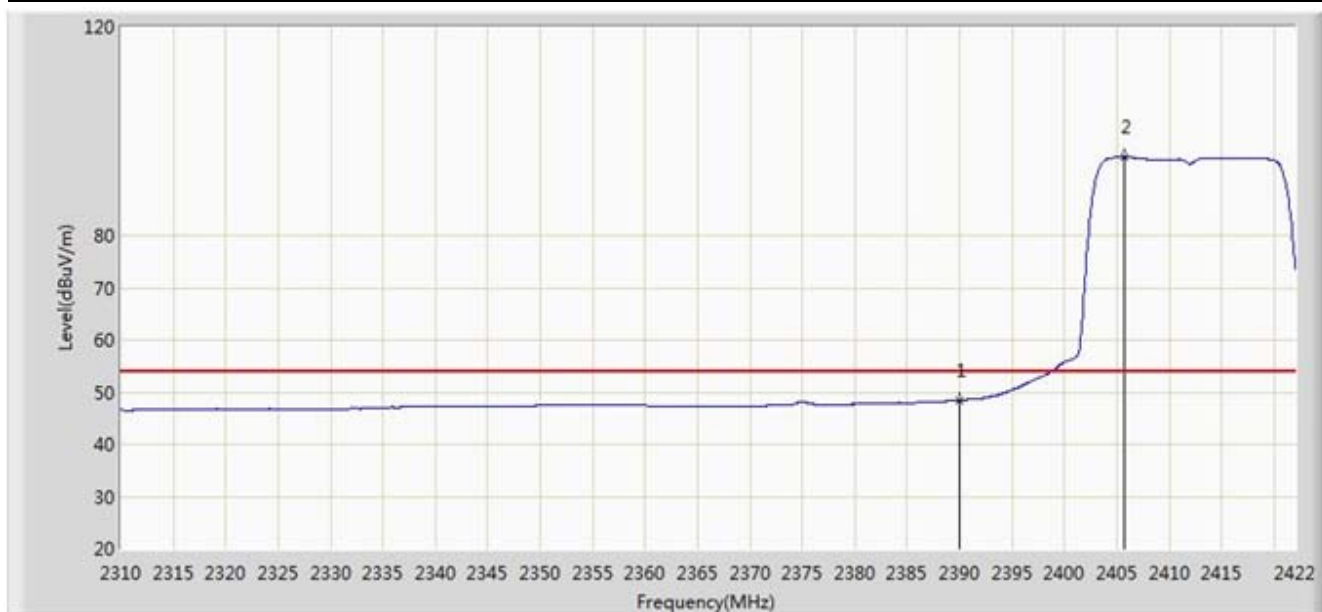


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2333.912	62.008	30.017	-11.992	74.000	31.991	PK
2			2390.000	61.589	29.733	-12.411	74.000	31.856	PK
3		*	2406.040	107.944	76.114	N/A	N/A	31.831	PK

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

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

Site: AC1	Time: 2014/12/19 - 10:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2412MHz by 802.11n-HT20 Ant 0	

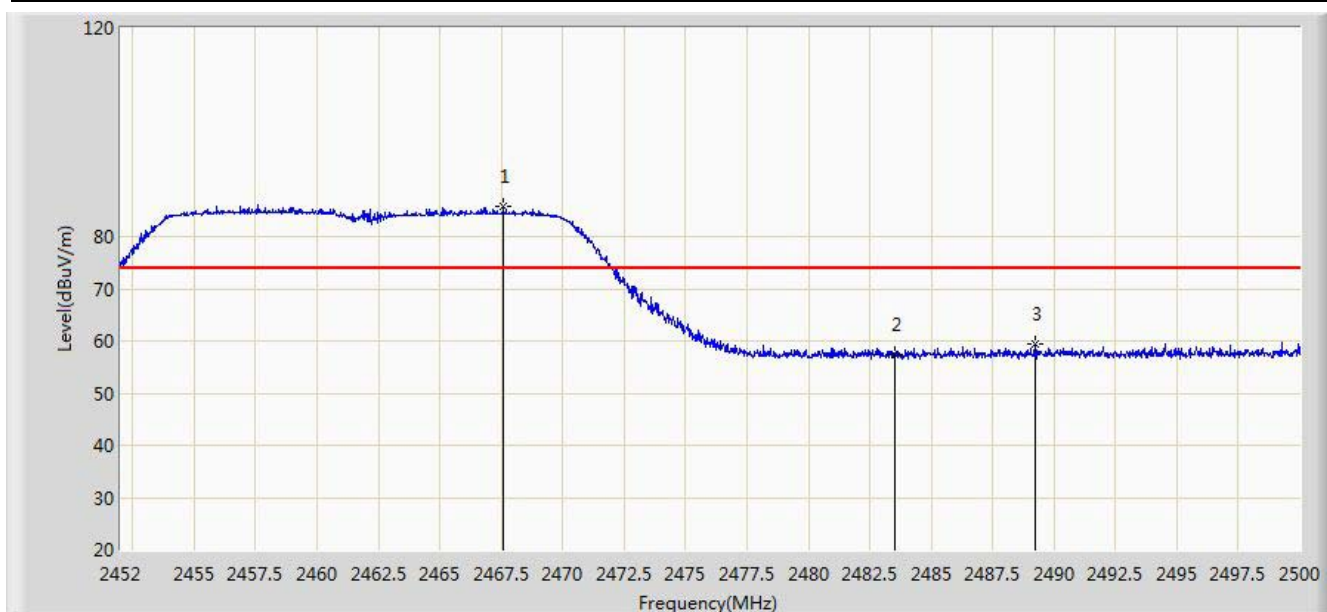


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.462	16.606	-5.538	54.000	31.856	AV
2		*	2405.760	95.019	63.188	N/A	N/A	31.830	AV

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

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

Site: AC1	Time: 2014/12/19 - 10:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2462MHz by 802.11n-HT20 Ant 0	

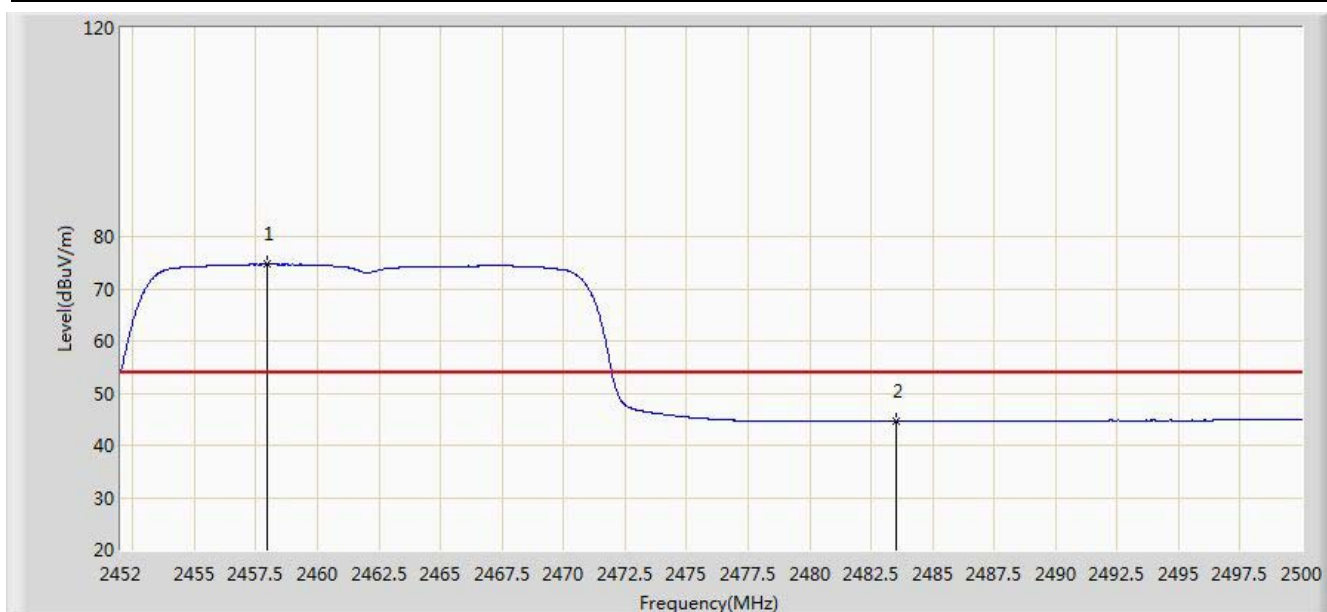


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2467.576	85.740	53.934	N/A	N/A	31.806	PK
2			2483.500	57.338	25.491	-16.662	74.000	31.848	PK
3			2489.224	59.427	27.565	-14.573	74.000	31.862	PK

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

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

Site: AC1	Time: 2014/12/19 - 10:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2462MHz by 802.11n-HT20 Ant 0	

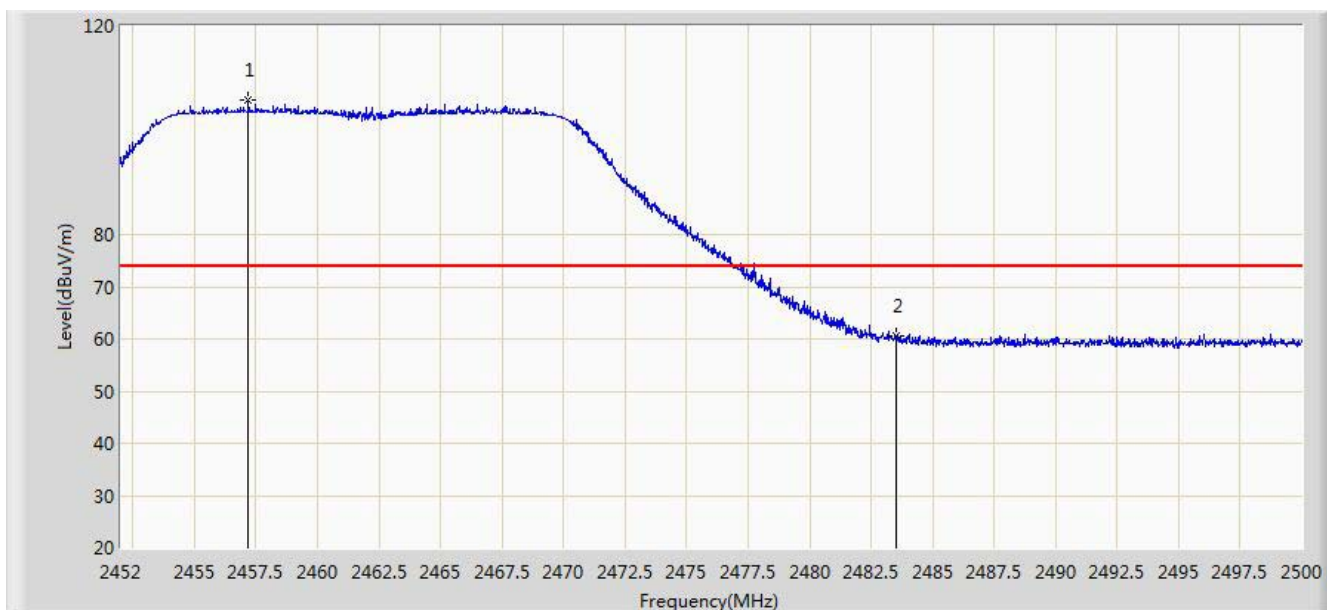


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2457.952	74.668	42.882	N/A	N/A	31.787	AV
2			2483.500	44.606	12.759	-9.394	54.000	31.848	AV

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

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

Site: AC1	Time: 2014/12/19 - 10:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2462MHz by 802.11n-HT20 Ant 0	

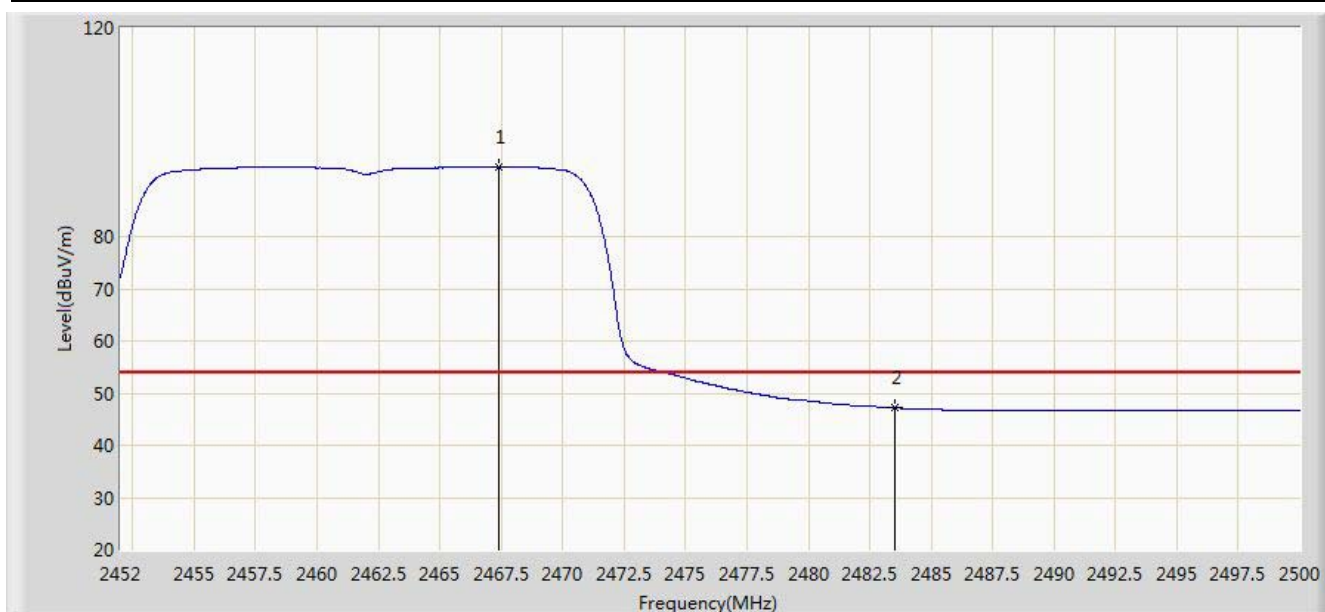


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2457.184	105.795	74.010	N/A	N/A	31.785	PK
2			2483.500	60.552	28.705	-13.448	74.000	31.848	PK

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

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

Site: AC1	Time: 2014/12/19 - 10:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2462MHz by 802.11n-HT20 Ant 0	

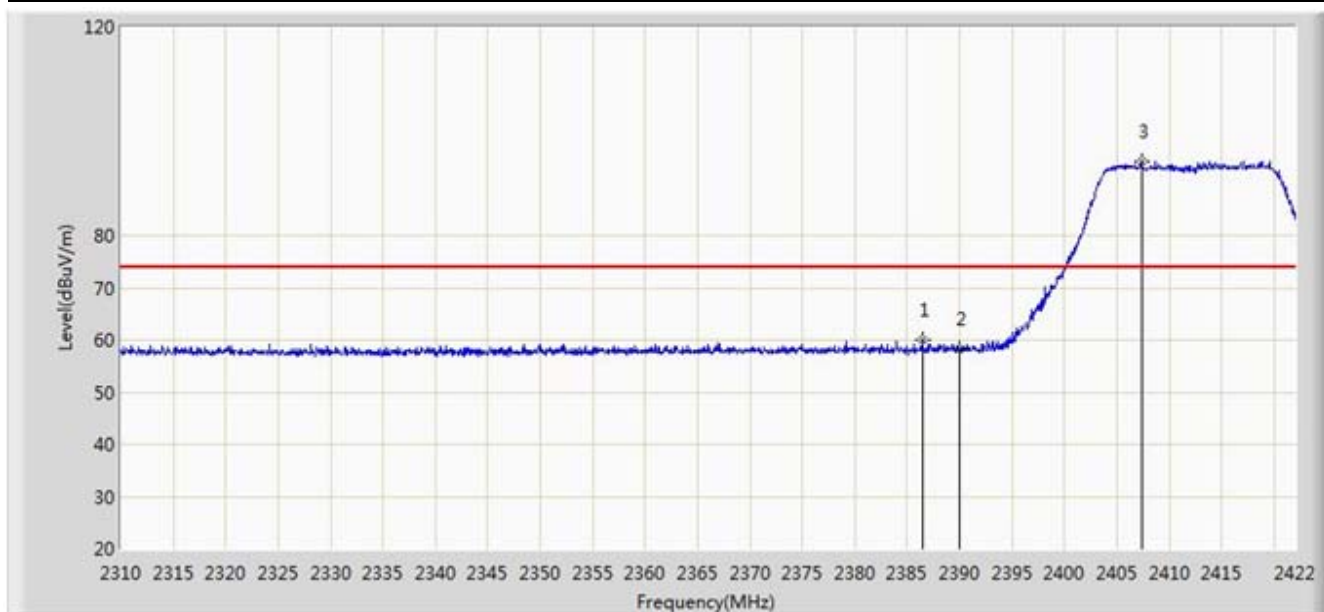


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2467.408	93.453	61.647	N/A	N/A	31.806	AV
2			2483.500	47.181	15.334	-6.819	54.000	31.848	AV

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

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

Site: AC1	Time: 2014/12/19 - 10:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2412MHz by 802.11n-HT20 Ant 1	

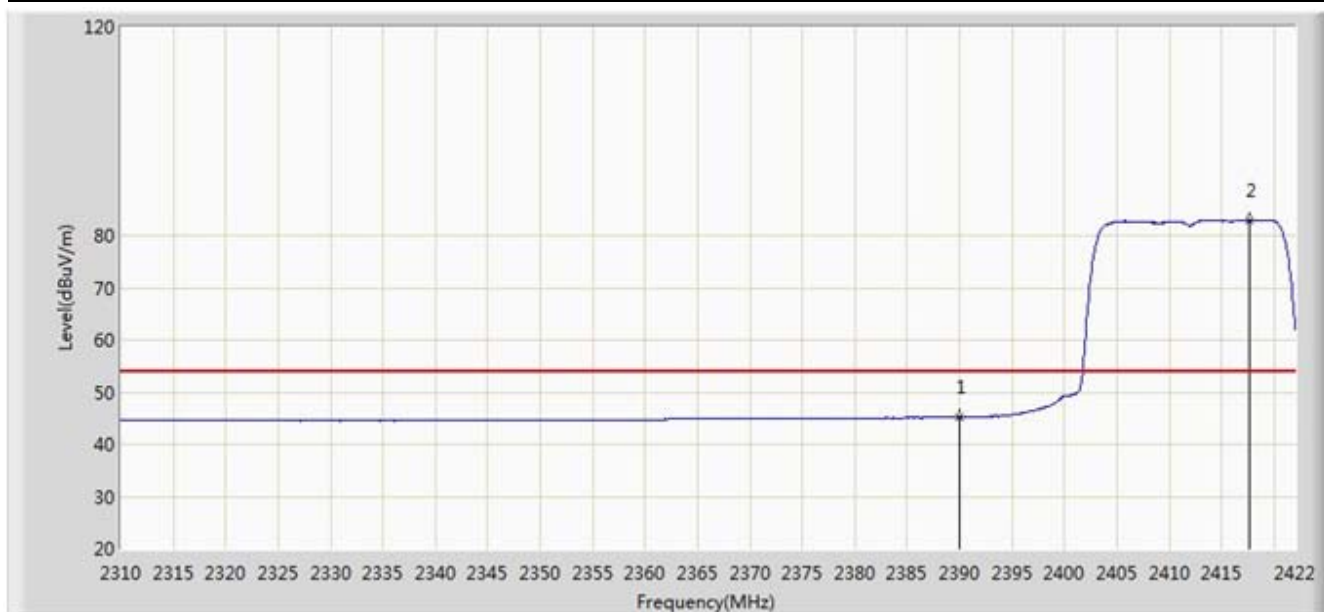


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2386.496	59.949	28.088	-14.051	74.000	31.861	PK
2			2390.000	58.208	26.352	-15.792	74.000	31.856	PK
3		*	2407.384	94.255	62.427	N/A	N/A	31.828	PK

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

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

Site: AC1	Time: 2014/12/19 - 10:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2412MHz by 802.11n-HT20 Ant 1	

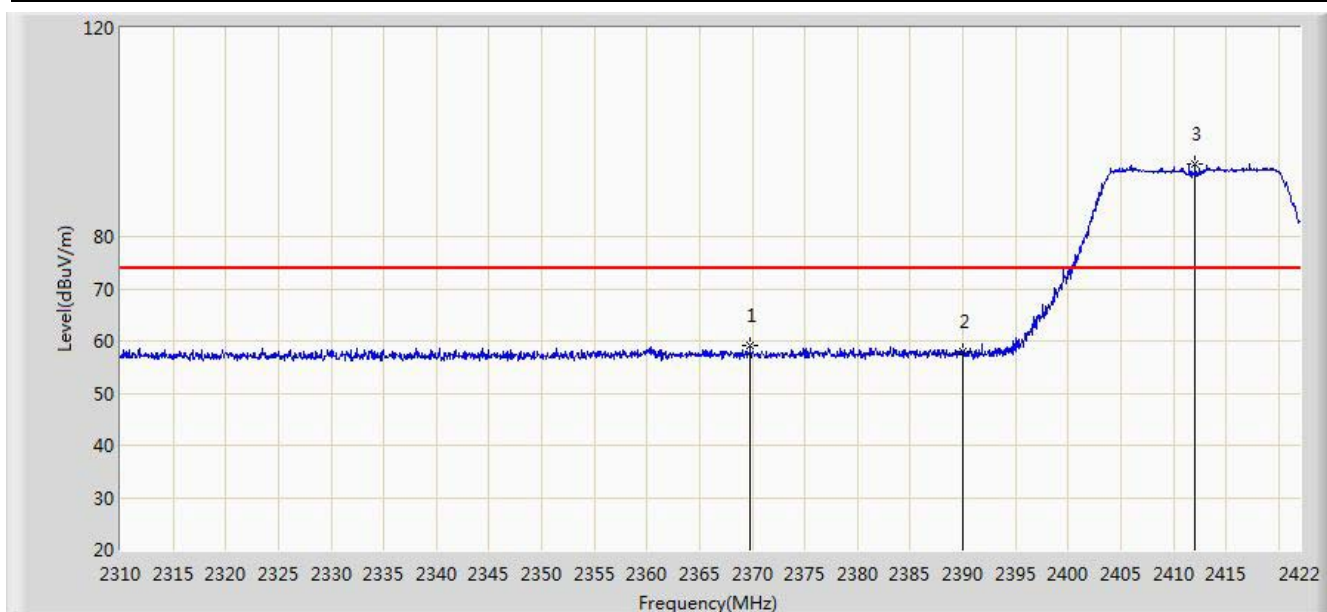


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.232	13.376	-8.768	54.000	31.856	AV
2		*	2417.688	82.896	51.084	N/A	N/A	31.811	AV

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

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

Site: AC1	Time: 2014/12/19 - 10:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2412MHz by 802.11n-HT20 Ant 1	

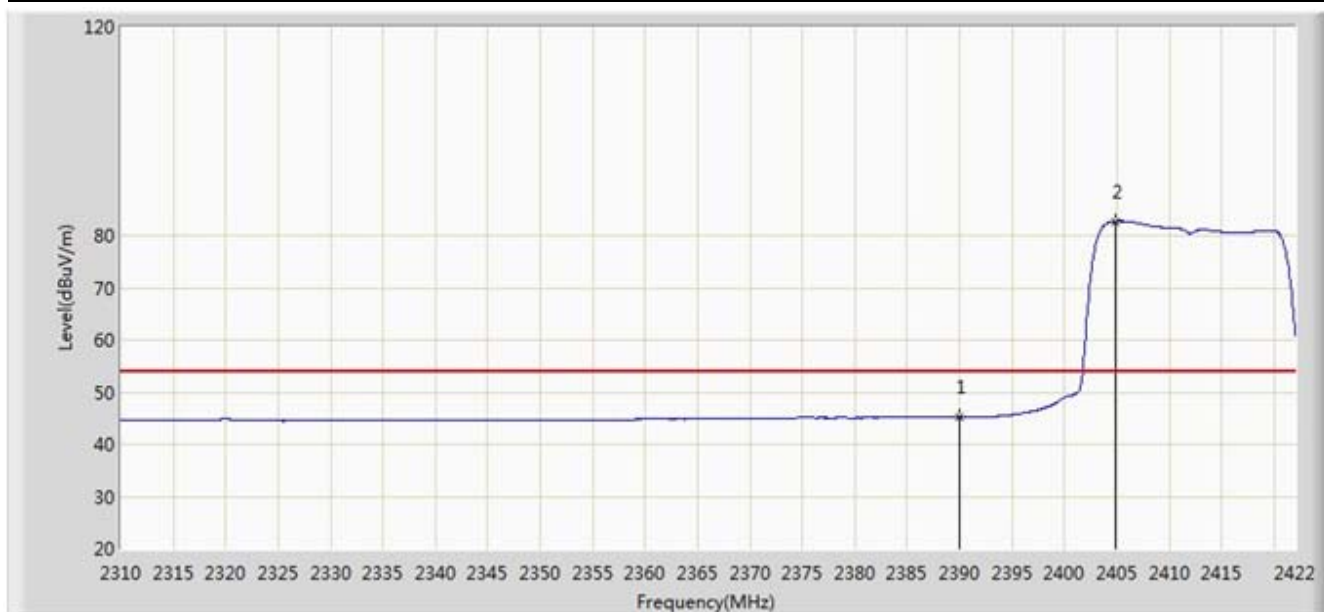


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2369.808	59.060	27.172	-14.940	74.000	31.888	PK
2			2390.000	57.849	25.993	-16.151	74.000	31.856	PK
3		*	2412.088	94.025	62.204	N/A	N/A	31.821	PK

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

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

Site: AC1	Time: 2014/12/19 - 10:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2412MHz by 802.11n-HT20 Ant 1	

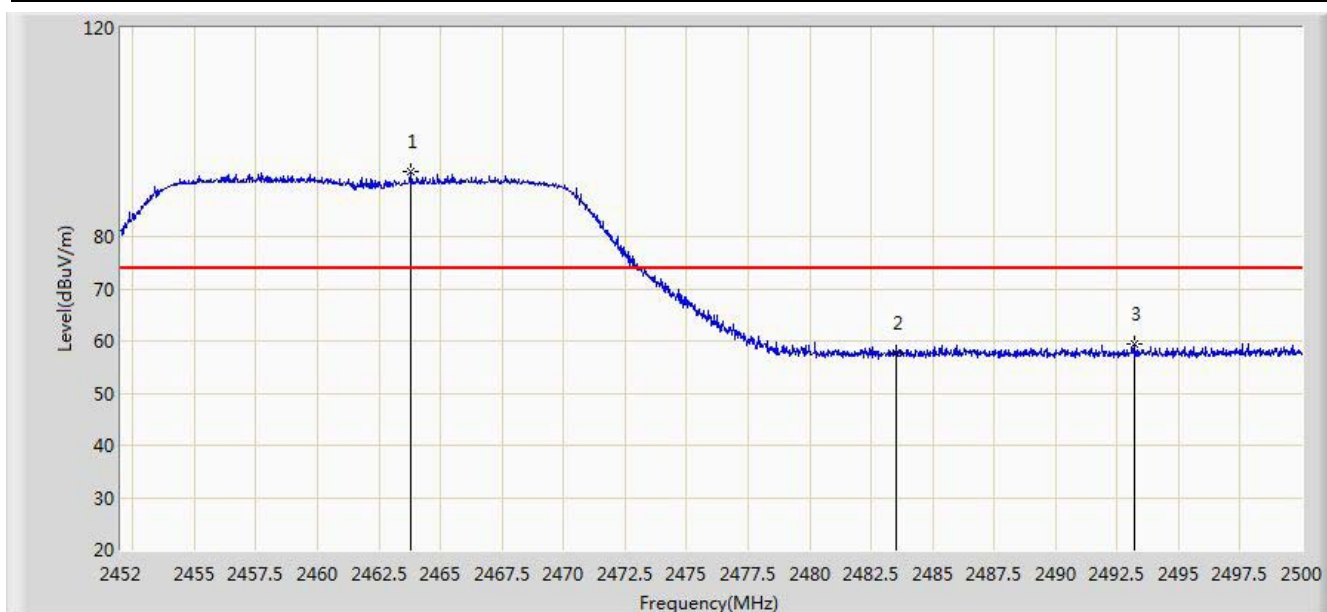


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.237	13.381	-8.763	54.000	31.856	AV
2		*	2404.864	82.725	50.893	N/A	N/A	31.833	AV

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

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

Site: AC1	Time: 2014/12/19 - 10:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2462MHz by 802.11n-HT20 Ant 1	

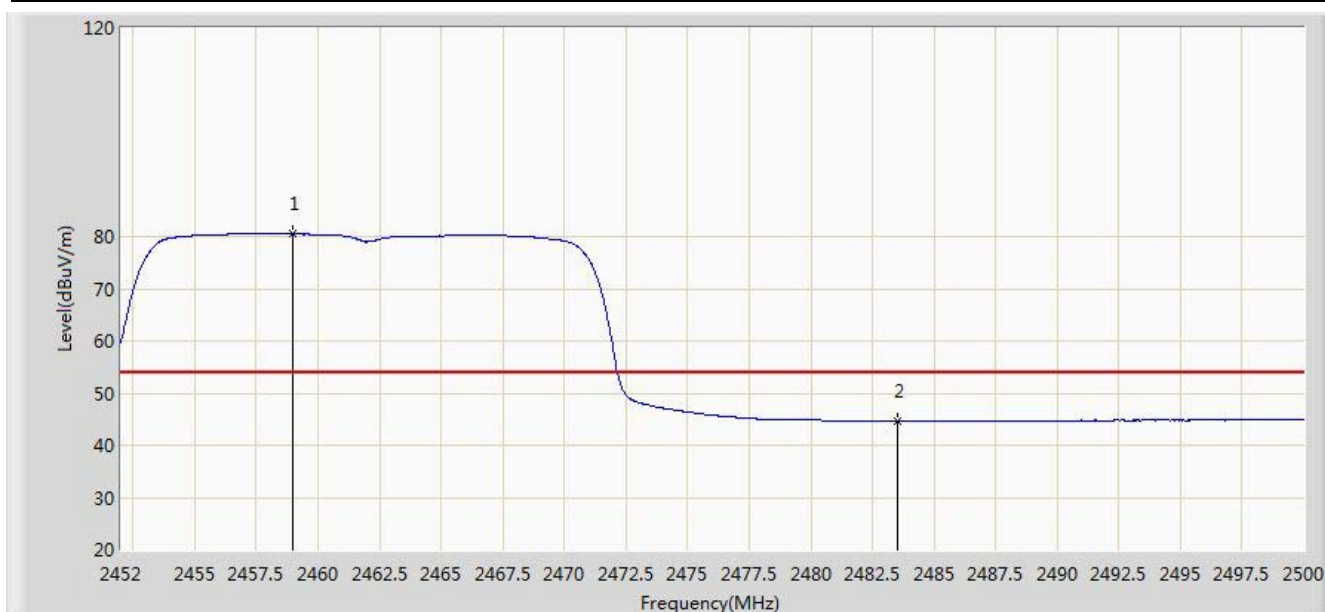


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2463.760	92.412	60.616	N/A	N/A	31.796	PK
2			2483.500	57.767	25.920	-16.233	74.000	31.848	PK
3			2493.184	59.355	27.482	-14.645	74.000	31.873	PK

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

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

Site: AC1	Time: 2014/12/19 - 10:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2462MHz by 802.11n-HT20 Ant 1	

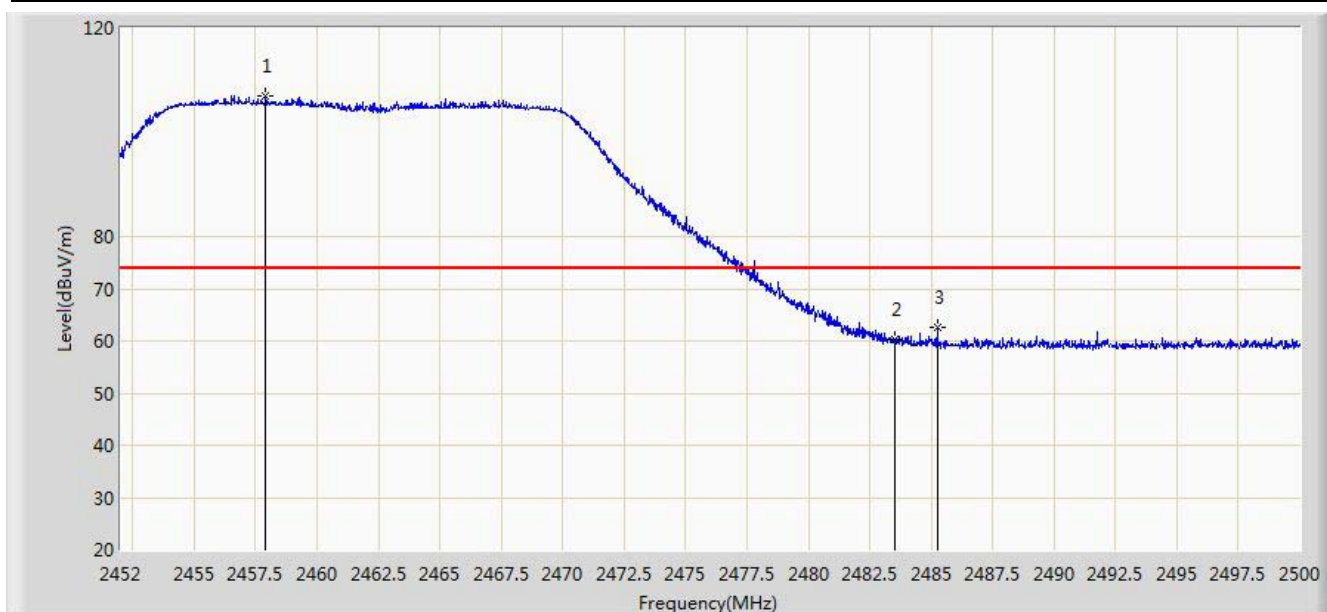


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2458.984	80.500	48.712	N/A	N/A	31.789	AV
2			2483.500	44.686	12.839	-9.314	54.000	31.848	AV

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

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

Site: AC1	Time: 2014/12/19 - 10:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2462MHz by 802.11n-HT20 Ant 1	

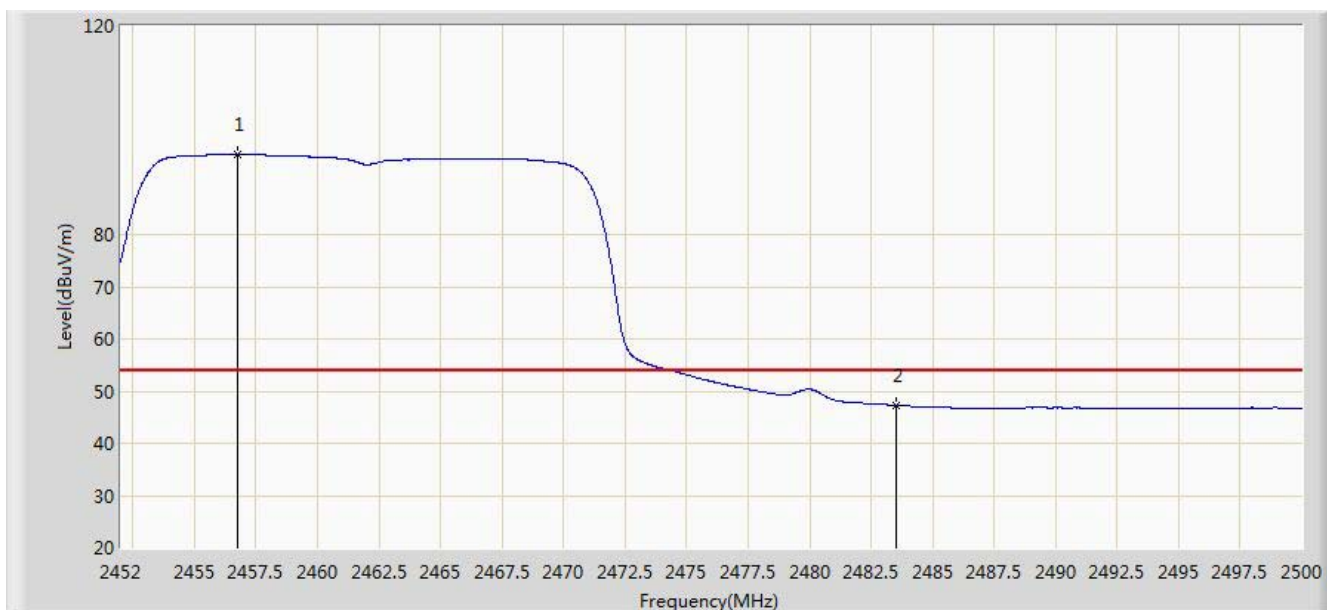


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2457.904	106.914	75.128	N/A	N/A	31.787	PK
2			2483.500	60.184	28.337	-13.816	74.000	31.848	PK
3			2485.240	62.567	30.715	-11.433	74.000	31.852	PK

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

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

Site: AC1	Time: 2014/12/19 - 10:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2462MHz by 802.11n-HT20 Ant 1	

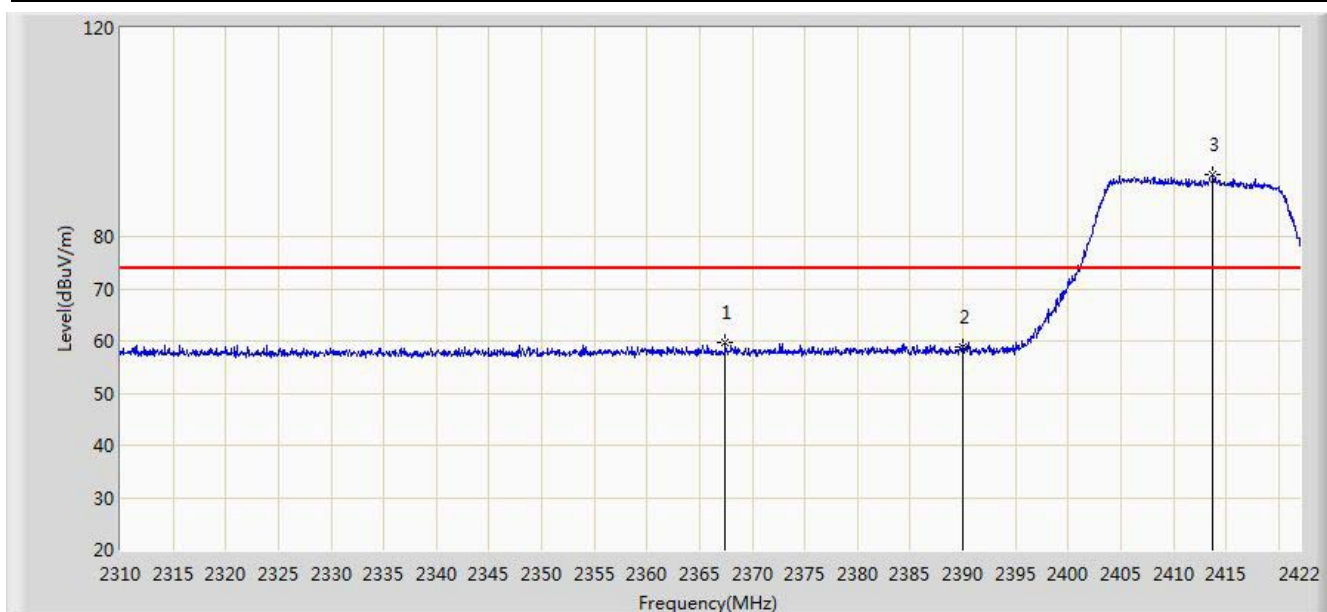


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2456.728	95.318	63.534	N/A	N/A	31.785	AV
2			2483.500	47.306	15.459	-6.694	54.000	31.848	AV

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

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

Site: AC1	Time: 2014/12/19 - 10:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2412MHz by 802.11n-HT20 Ant 0+1	

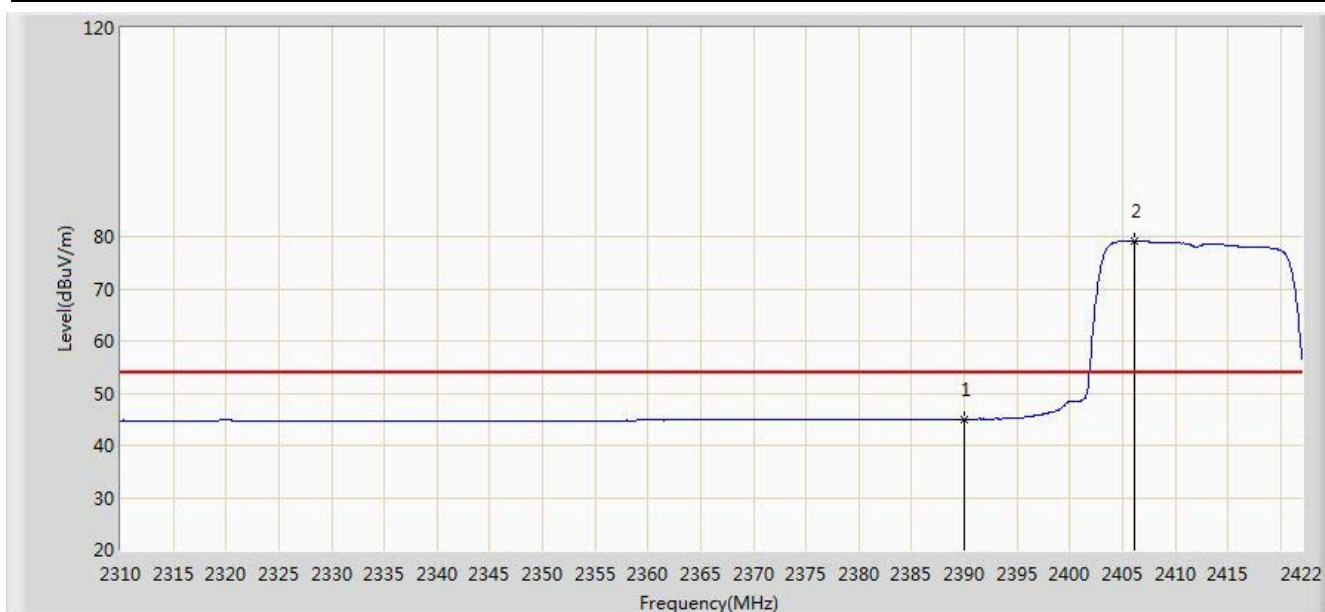


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2367.456	59.743	27.851	-14.257	74.000	31.891	PK
2			2390.000	58.735	26.879	-15.265	74.000	31.856	PK
3		*	2413.768	91.804	59.986	N/A	N/A	31.818	PK

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

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

Site: AC1	Time: 2014/12/19 - 10:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2412MHz by 802.11n-HT20 Ant 0+1	

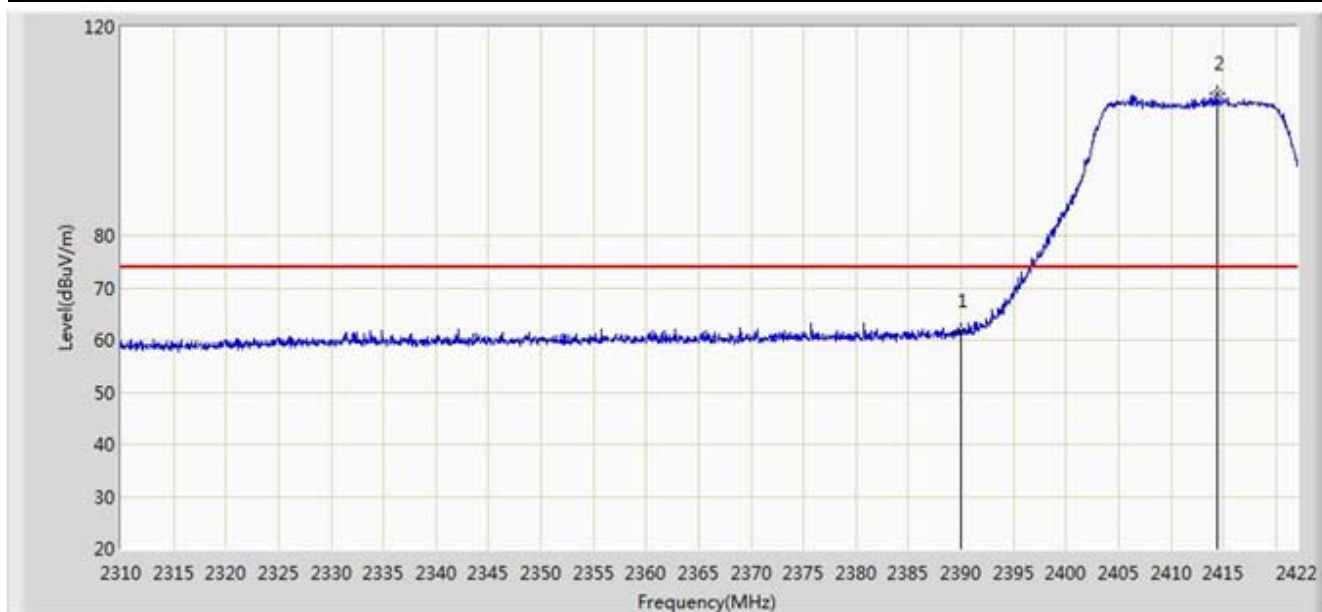


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.048	13.192	-8.952	54.000	31.856	AV
2		*	2406.096	79.255	47.425	N/A	N/A	31.830	AV

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

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

Site: AC1	Time: 2014/12/19 - 10:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2412MHz by 802.11n-HT20 Ant 0+1	

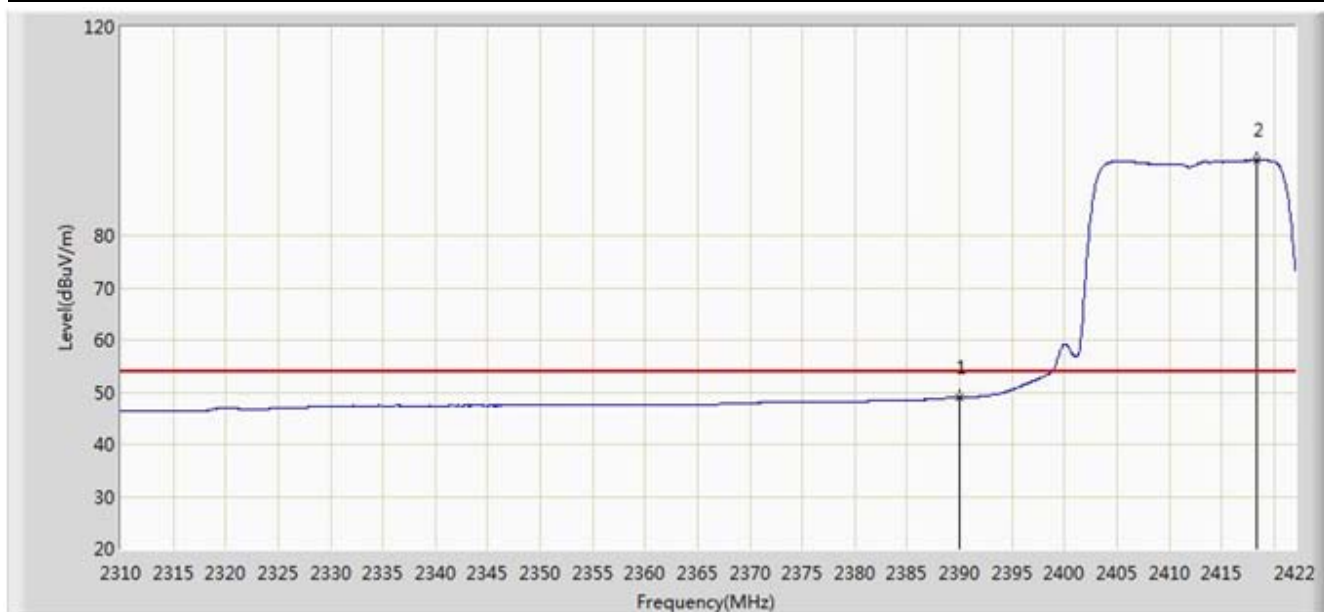


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	61.654	29.798	-12.346	74.000	31.856	PK
2		*	2414.384	107.283	75.466	N/A	N/A	31.817	PK

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

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

Site: AC1	Time: 2014/12/19 - 10:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2412MHz by 802.11n-HT20 Ant 0+1	

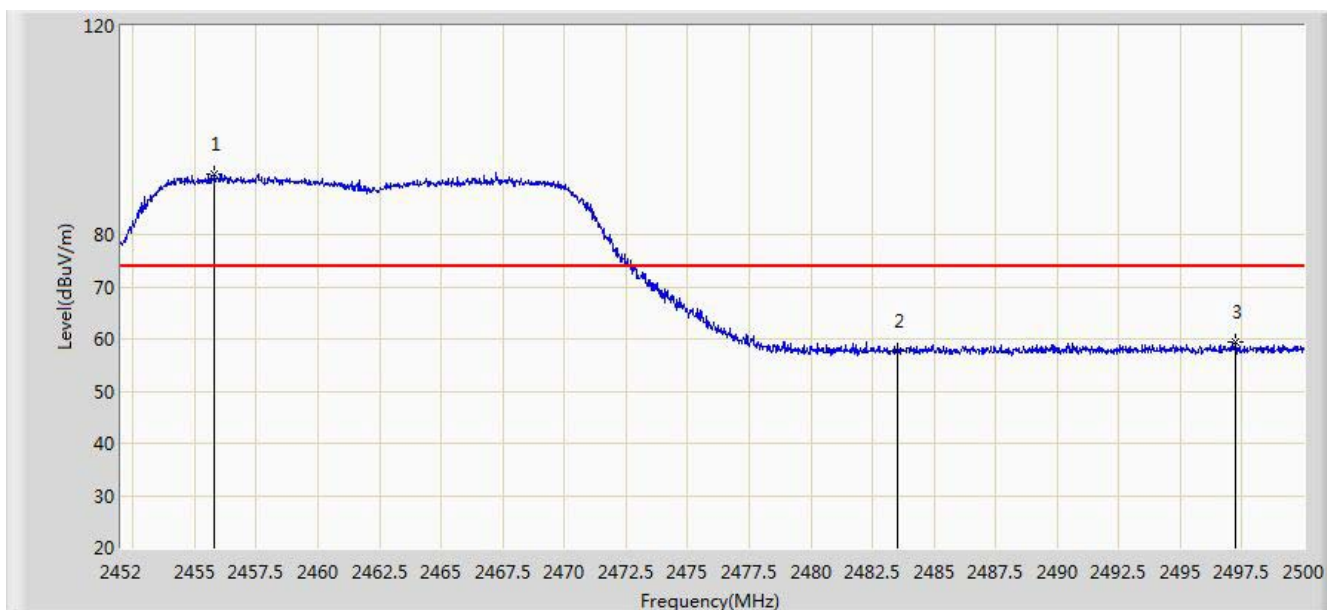


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.959	17.103	-5.041	54.000	31.856	AV
2		*	2418.304	94.471	62.660	N/A	N/A	31.811	AV

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

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

Site: AC1	Time: 2014/12/19 - 10:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2462MHz by 802.11n-HT20 Ant 0+1	

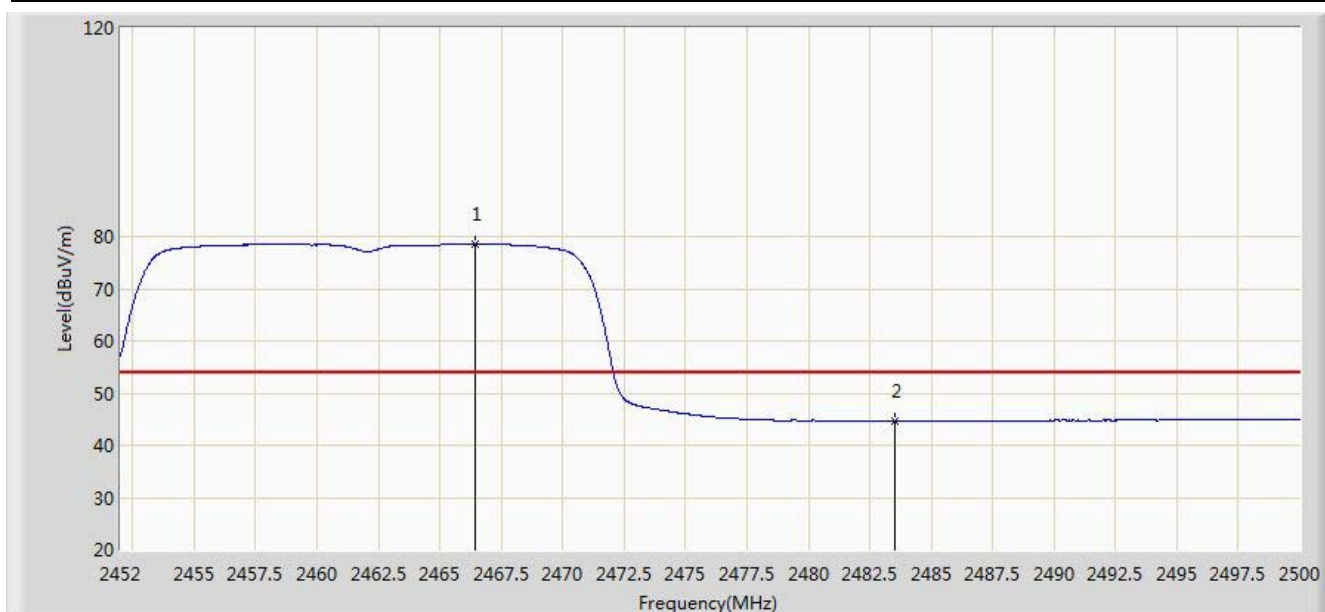


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2455.816	91.591	59.808	N/A	N/A	31.783	PK
2			2483.500	57.557	25.710	-16.443	74.000	31.848	PK
3			2497.216	59.360	27.476	-14.640	74.000	31.883	PK

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

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

Site: AC1	Time: 2014/12/19 - 10:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2462MHz by 802.11n-HT20 Ant 0+1	

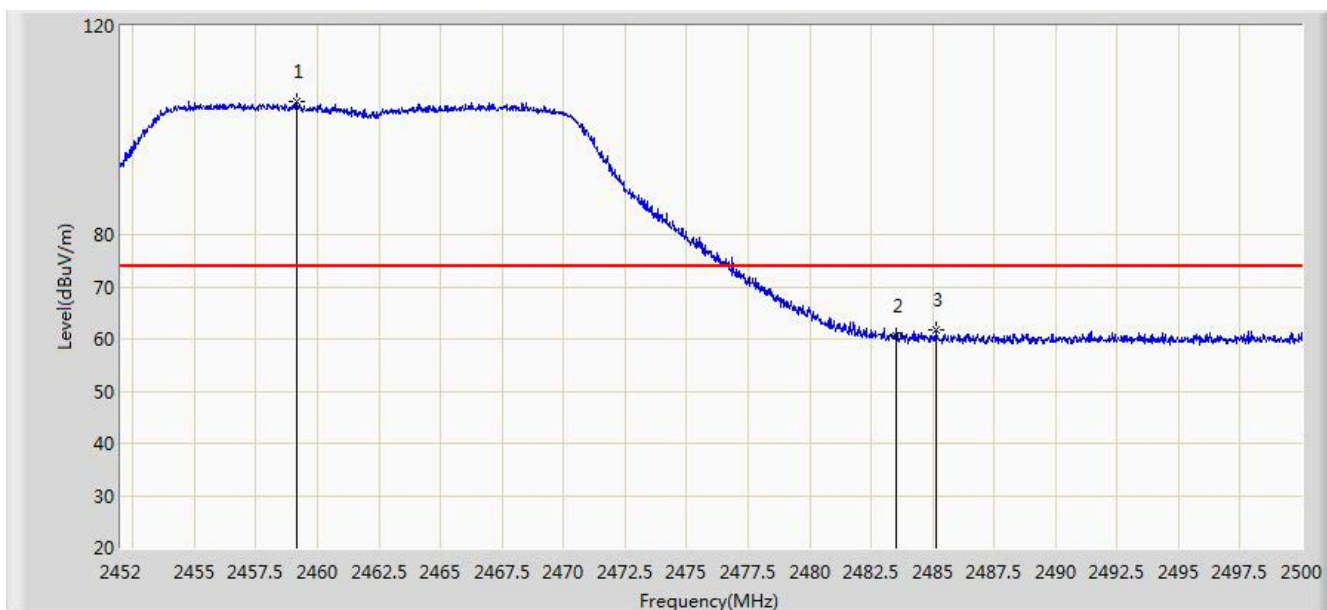


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2466.448	78.541	46.738	N/A	N/A	31.803	AV
2			2483.500	44.651	12.804	-9.349	54.000	31.848	AV

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

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

Site: AC1	Time: 2014/12/19 - 10:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2462MHz by 802.11n-HT20 Ant 0+1	

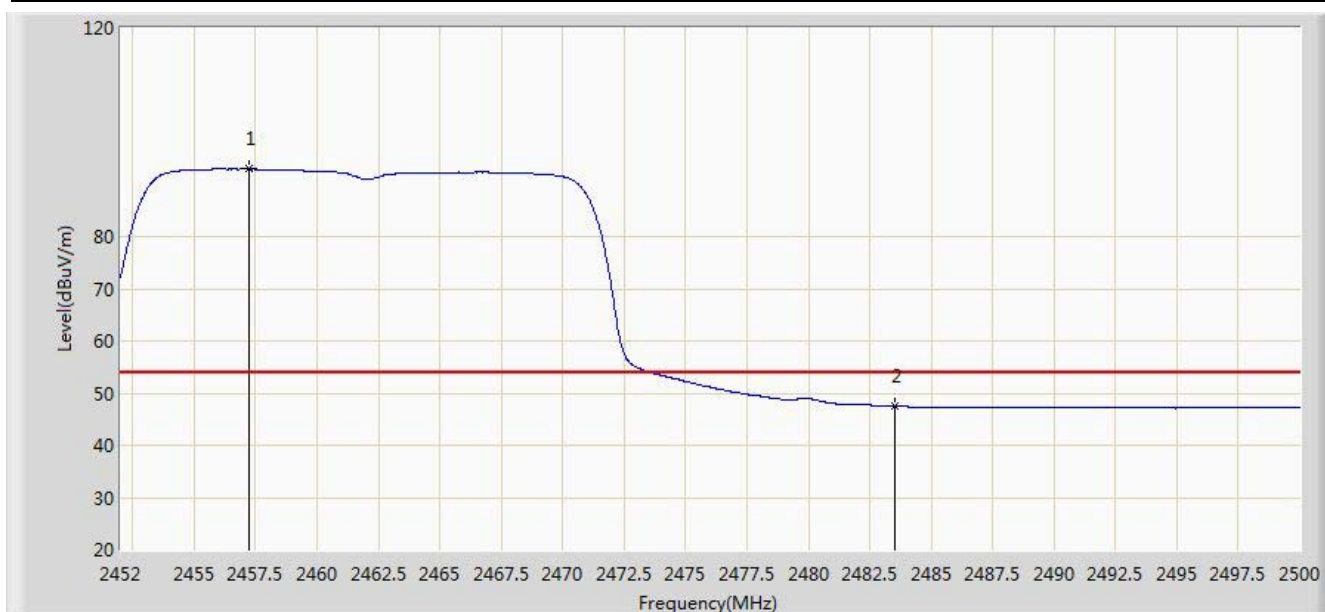


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.152	105.447	73.659	N/A	N/A	31.789	PK
2			2483.500	60.581	28.734	-13.419	74.000	31.848	PK
3			2485.120	61.724	29.872	-12.276	74.000	31.852	PK

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

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

Site: AC1	Time: 2014/12/19 - 10:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 3: Transmit at channel 2462MHz by 802.11n-HT20 Ant 0+1	

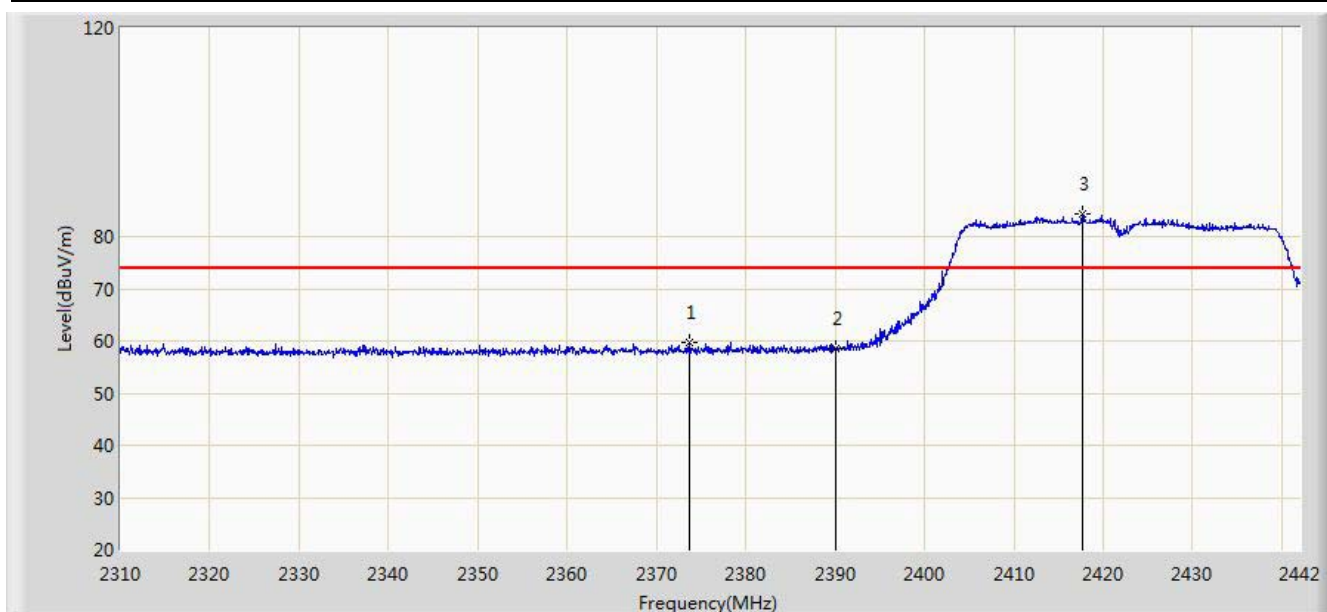


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2457.208	92.928	61.143	N/A	N/A	31.785	AV
2			2483.500	47.468	15.621	-6.532	54.000	31.848	AV

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

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

Site: AC1	Time: 2014/12/19 - 16:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: Transmit at channel 2422MHz by 802.11n-HT40 Ant 0	

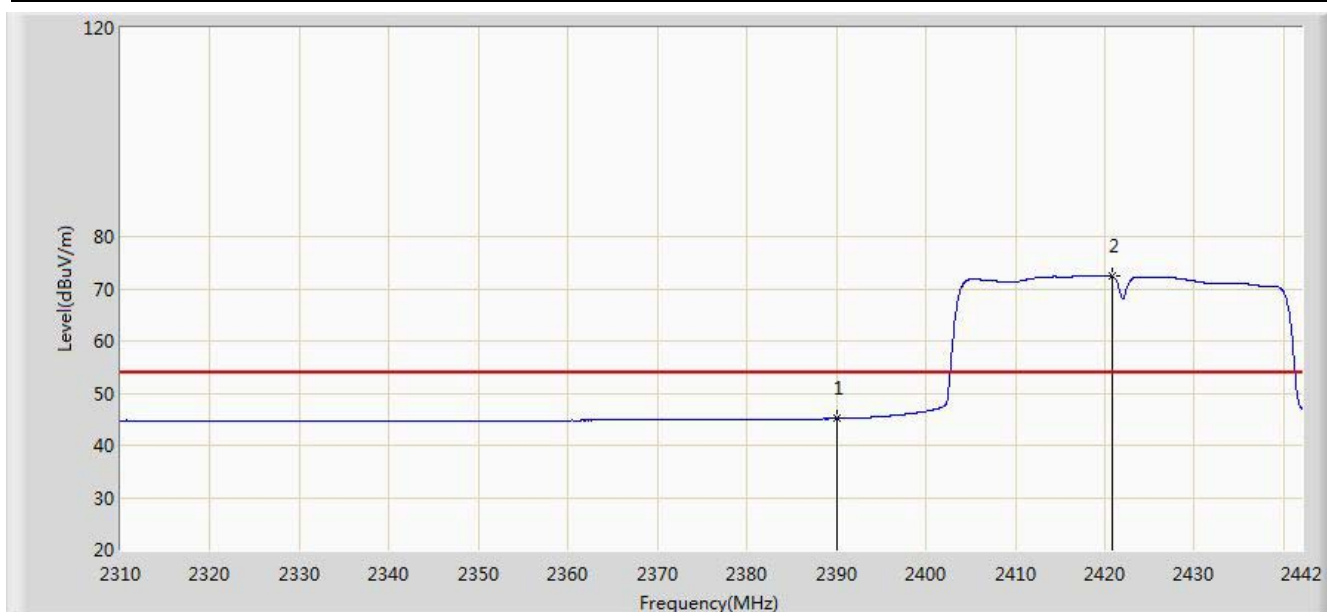


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2373.624	59.617	27.735	-14.383	74.000	31.882	PK
2			2390.000	58.543	26.687	-15.457	74.000	31.856	PK
3		*	2417.712	84.378	52.567	N/A	N/A	31.811	PK

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

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

Site: AC1	Time: 2014/12/19 - 16:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: Transmit at channel 2422MHz by 802.11n-HT40 Ant 0	

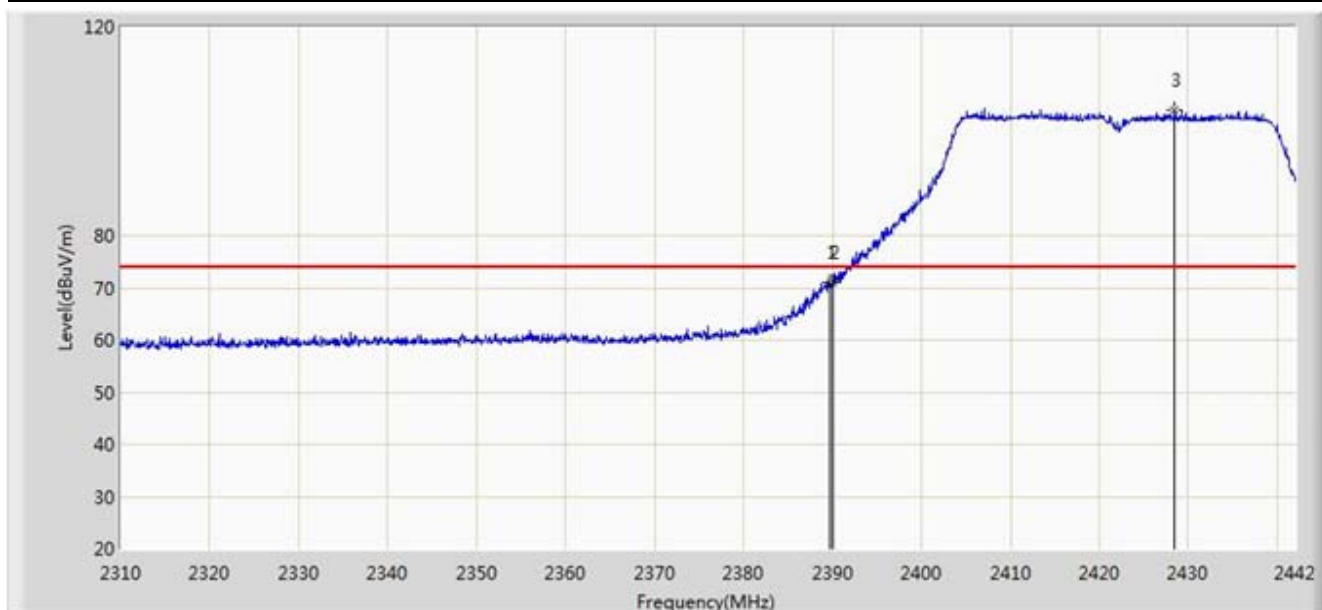


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.140	13.284	-8.860	54.000	31.856	AV
2		*	2420.814	72.433	40.626	N/A	N/A	31.807	AV

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

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

Site: AC1	Time: 2014/12/19 - 16:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: Transmit at channel 2422MHz by 802.11n-HT40 Ant 0	

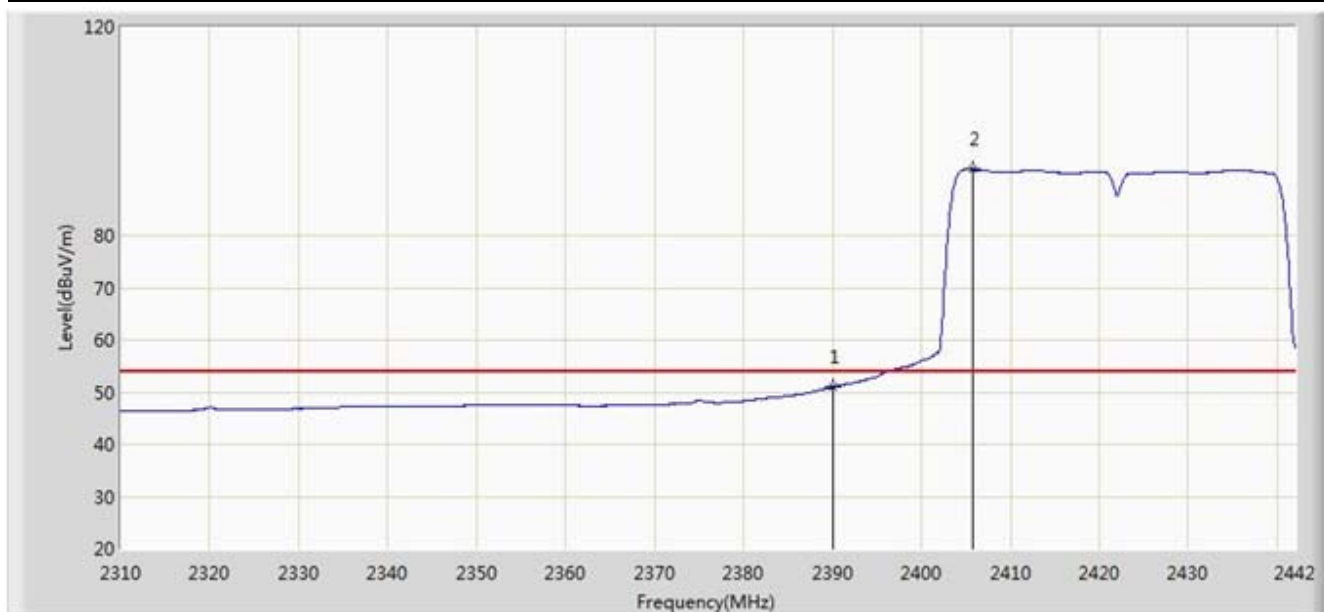


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.794	71.139	39.283	-2.861	74.000	31.856	PK
2			2390.000	70.880	39.024	-3.120	74.000	31.856	PK
3		*	2428.470	104.163	72.369	N/A	N/A	31.794	PK

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

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

Site: AC1	Time: 2014/12/19 - 16:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: Transmit at channel 2422MHz by 802.11n-HT40 Ant 0	

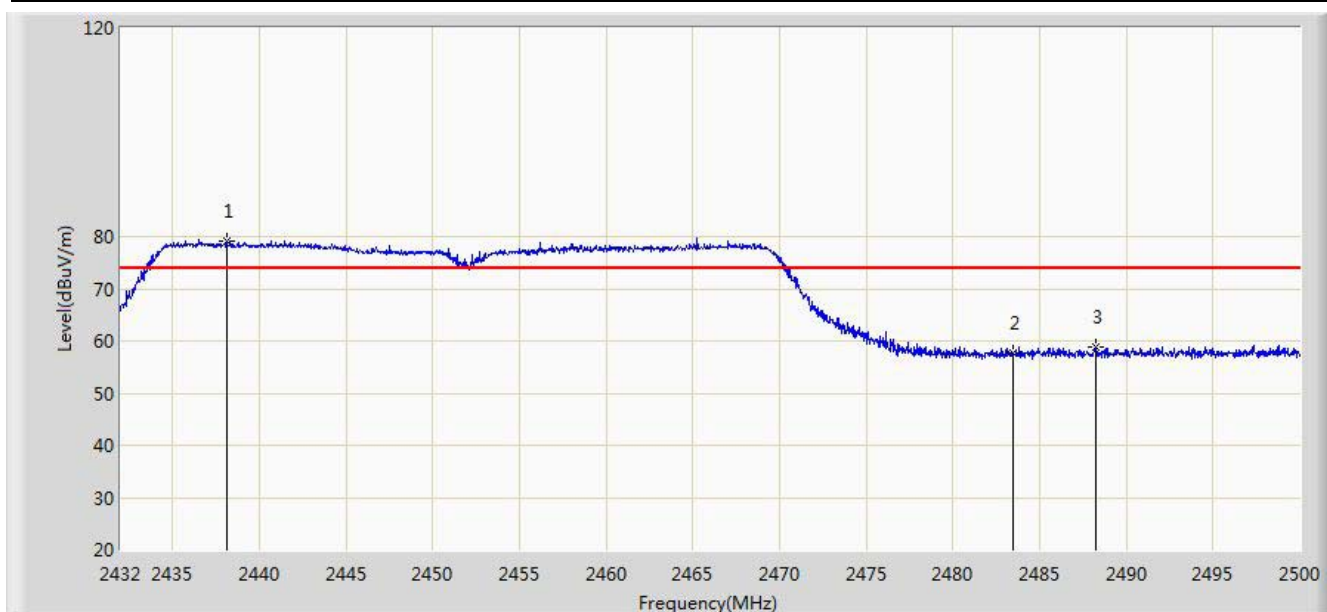


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.012	19.156	-2.988	54.000	31.856	AV
2		*	2405.832	92.633	60.802	N/A	N/A	31.830	AV

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

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

Site: AC1	Time: 2014/12/19 - 16:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: Transmit at channel 2452MHz by 802.11n-HT40 Ant 0	

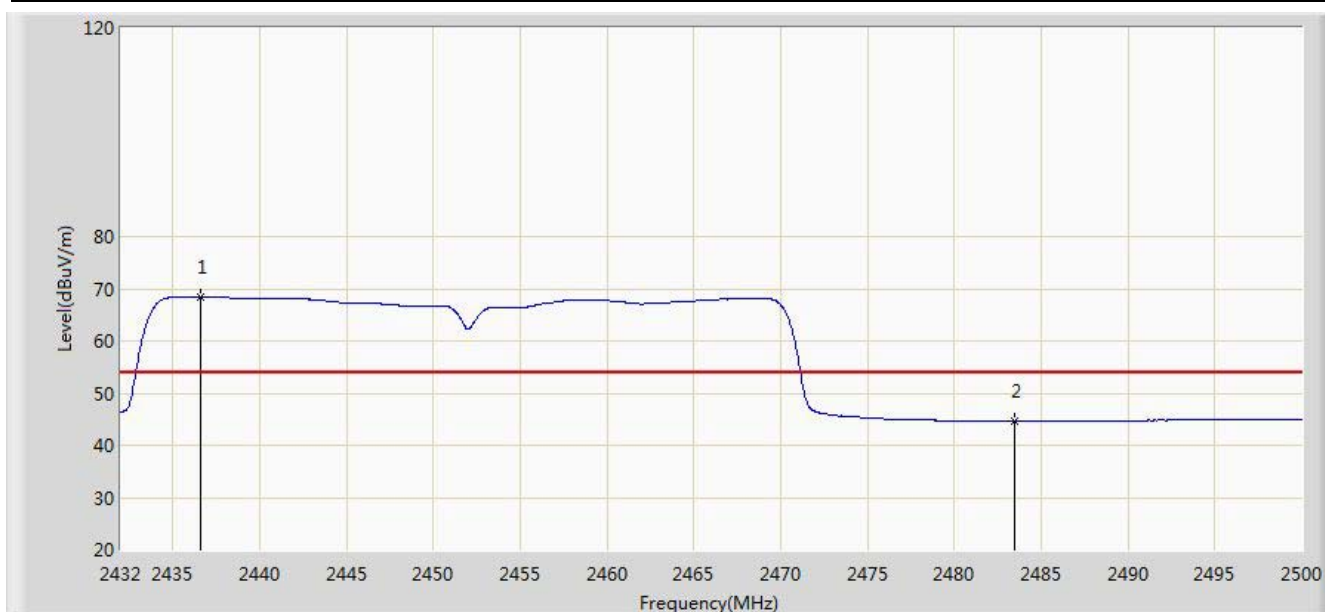


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2438.120	79.239	47.460	N/A	N/A	31.778	PK
2			2483.500	57.585	25.738	-16.415	74.000	31.848	PK
3			2488.236	58.889	27.029	-15.111	74.000	31.860	PK

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

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

Site: AC1	Time: 2014/12/19 - 16:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: Transmit at channel 2452MHz by 802.11n-HT40 Ant 0	

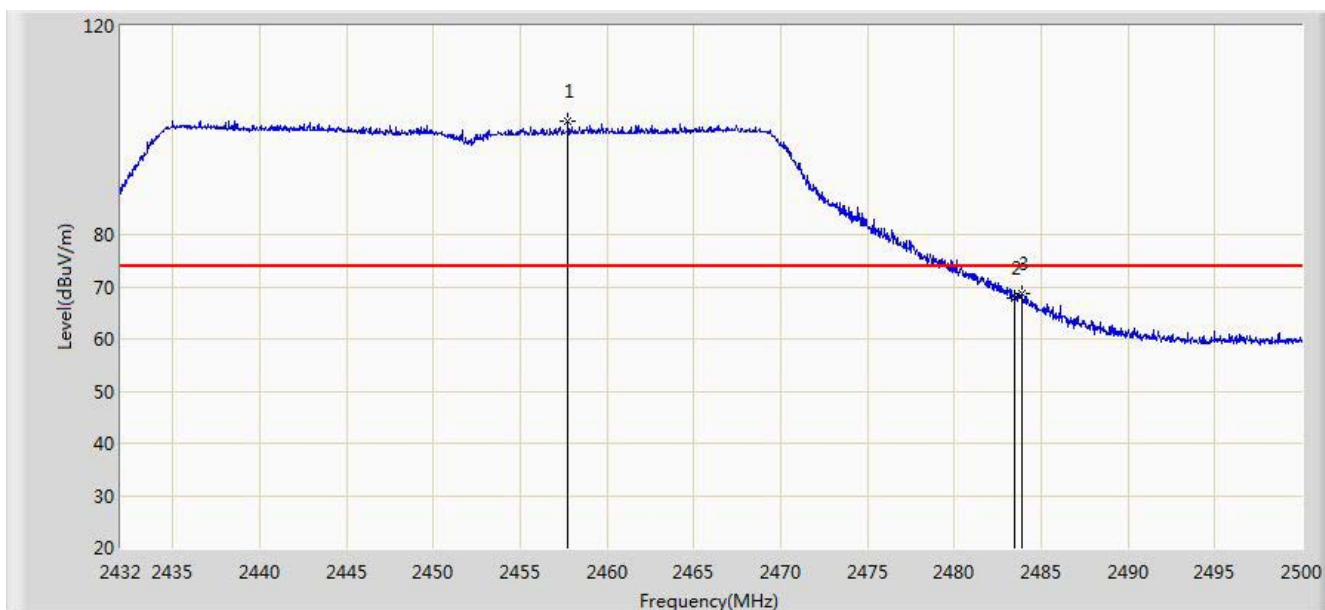


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2436.624	68.435	36.654	N/A	N/A	31.781	AV
2			2483.500	44.688	12.841	-9.312	54.000	31.848	AV

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

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

Site: AC1	Time: 2014/12/19 - 16:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: Transmit at channel 2452MHz by 802.11n-HT40 Ant 0	

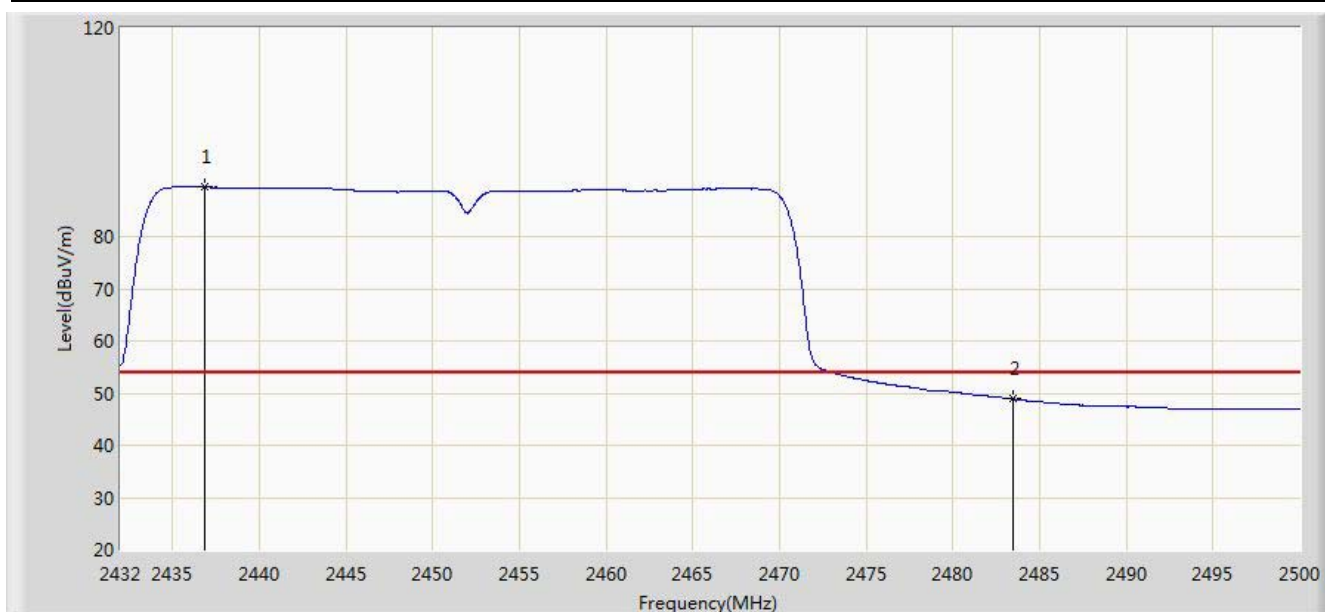


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2457.772	101.717	69.931	N/A	N/A	31.787	PK
2			2483.500	67.749	35.902	-6.251	74.000	31.848	PK
3			2483.918	68.699	36.851	-5.301	74.000	31.848	PK

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

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

Site: AC1	Time: 2014/12/19 - 16:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: Transmit at channel 2452MHz by 802.11n-HT40 Ant 0	

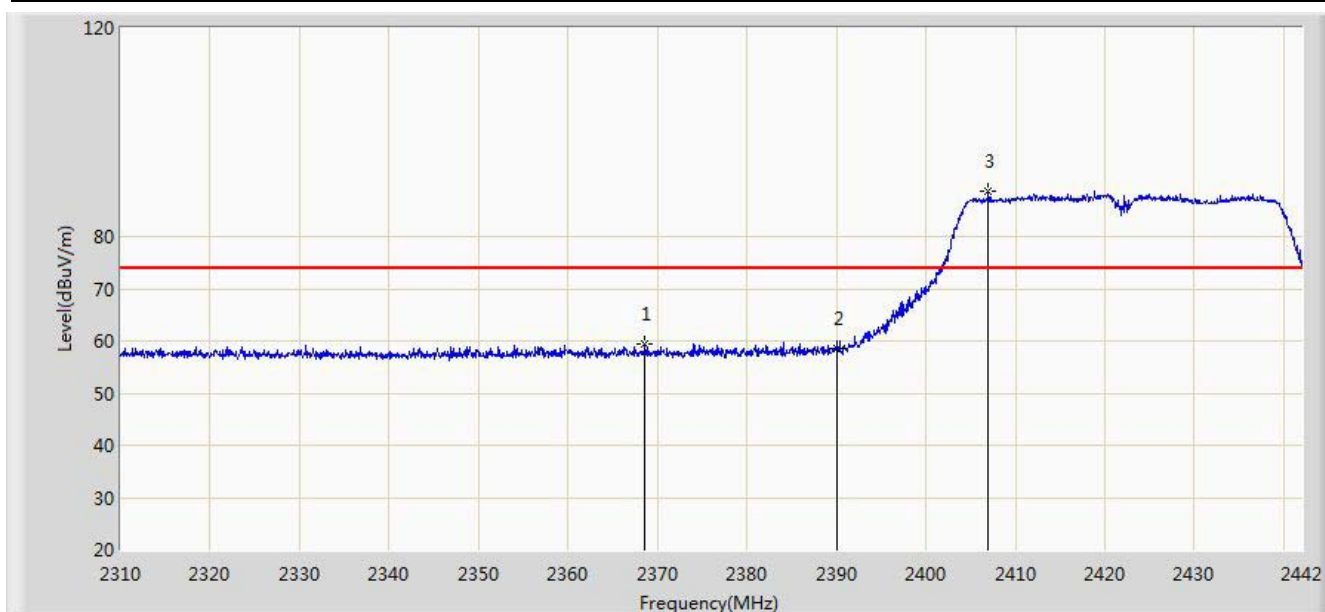


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2436.828	89.493	57.712	N/A	N/A	31.781	AV
2			2483.500	48.868	17.021	-5.132	54.000	31.848	AV

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

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

Site: AC1	Time: 2014/12/19 - 16:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: Transmit at channel 2422MHz by 802.11n-HT40 Ant 1	

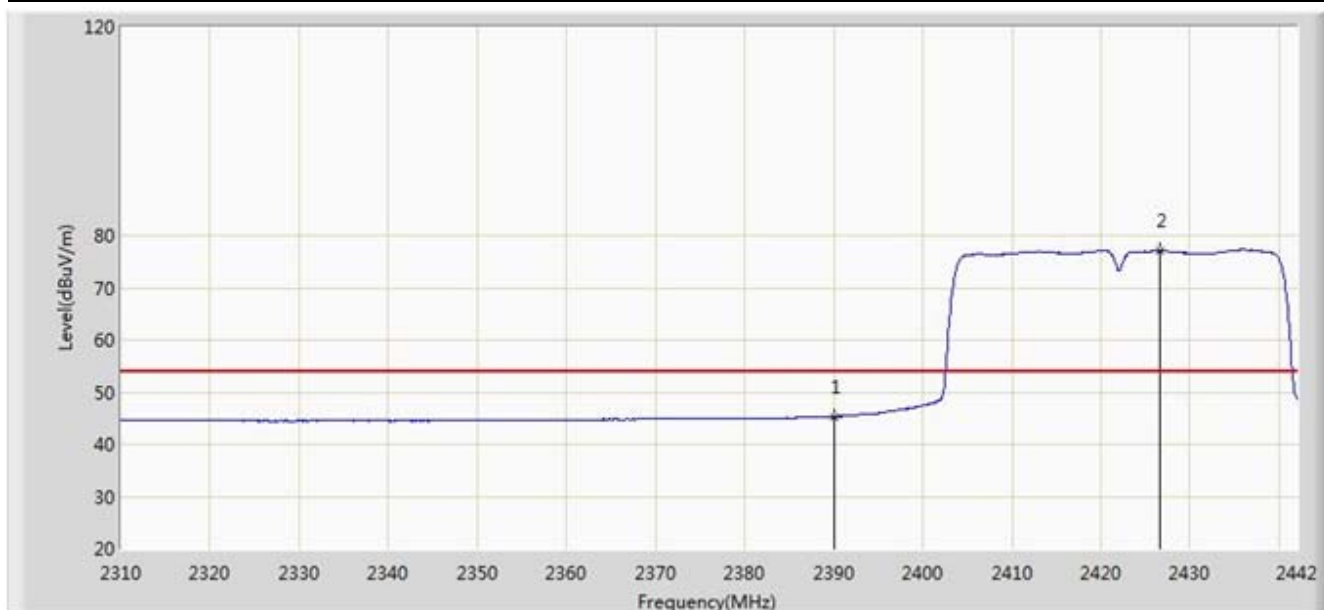


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2368.542	59.556	27.666	-14.444	74.000	31.891	PK
2			2390.000	58.482	26.626	-15.518	74.000	31.856	PK
3		*	2406.954	88.708	56.879	N/A	N/A	31.828	PK

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

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

Site: AC1	Time: 2014/12/19 - 17:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: Transmit at channel 2422MHz by 802.11n-HT40 Ant 1	

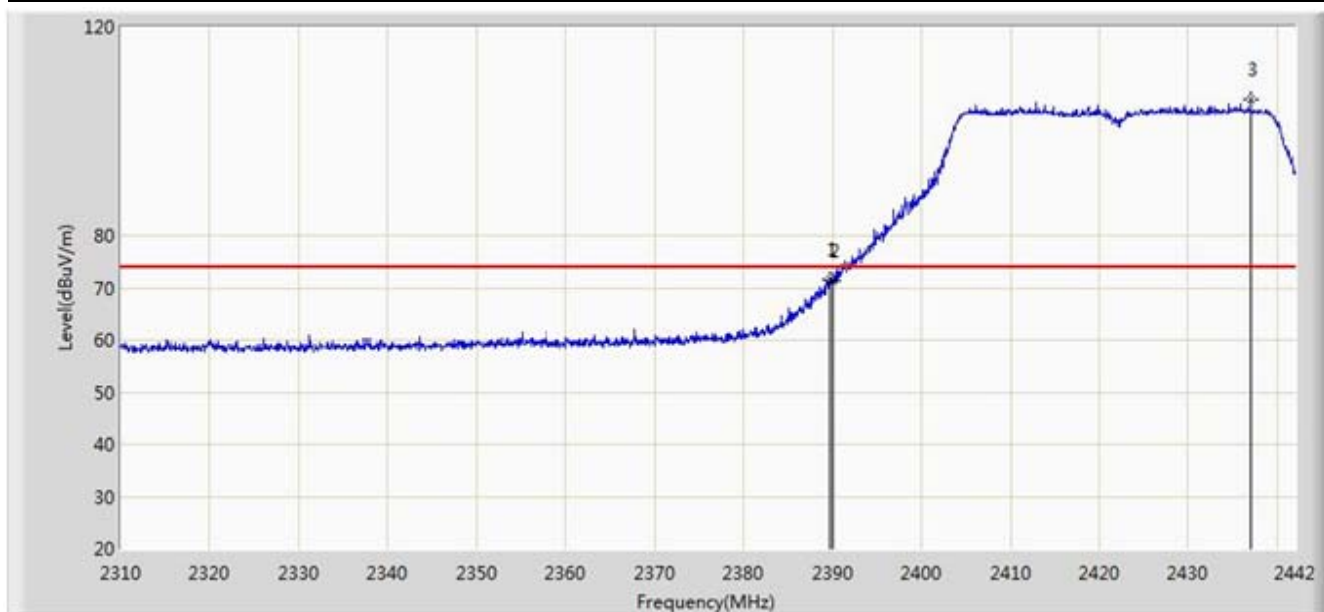


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	45.310	13.454	-8.690	54.000	31.856	AV
2		*	2426.556	77.059	45.262	N/A	N/A	31.797	AV

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

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

Site: AC1	Time: 2014/12/19 - 17:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: Transmit at channel 2422MHz by 802.11n-HT40 Ant 1	

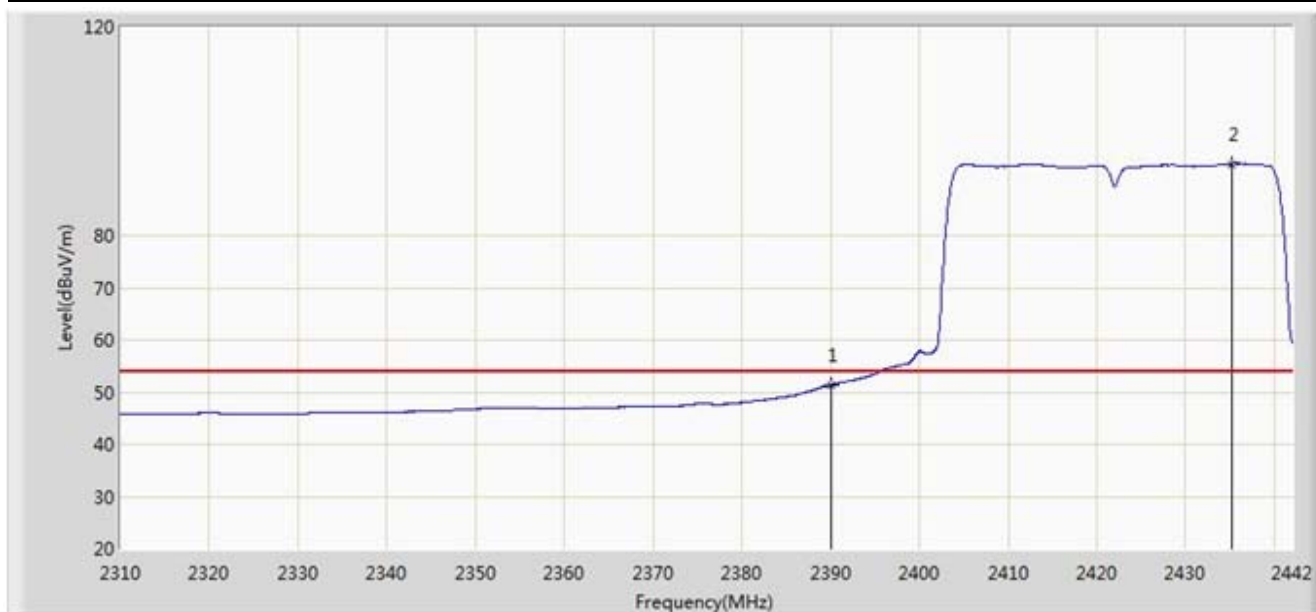


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.728	71.739	39.883	-2.261	74.000	31.857	PK
2			2390.000	71.265	39.409	-2.735	74.000	31.856	PK
3		*	2437.050	105.978	74.198	N/A	N/A	31.780	PK

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

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

Site: AC1	Time: 2014/12/19 - 17:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: Transmit at channel 2422MHz by 802.11n-HT40 Ant 1	

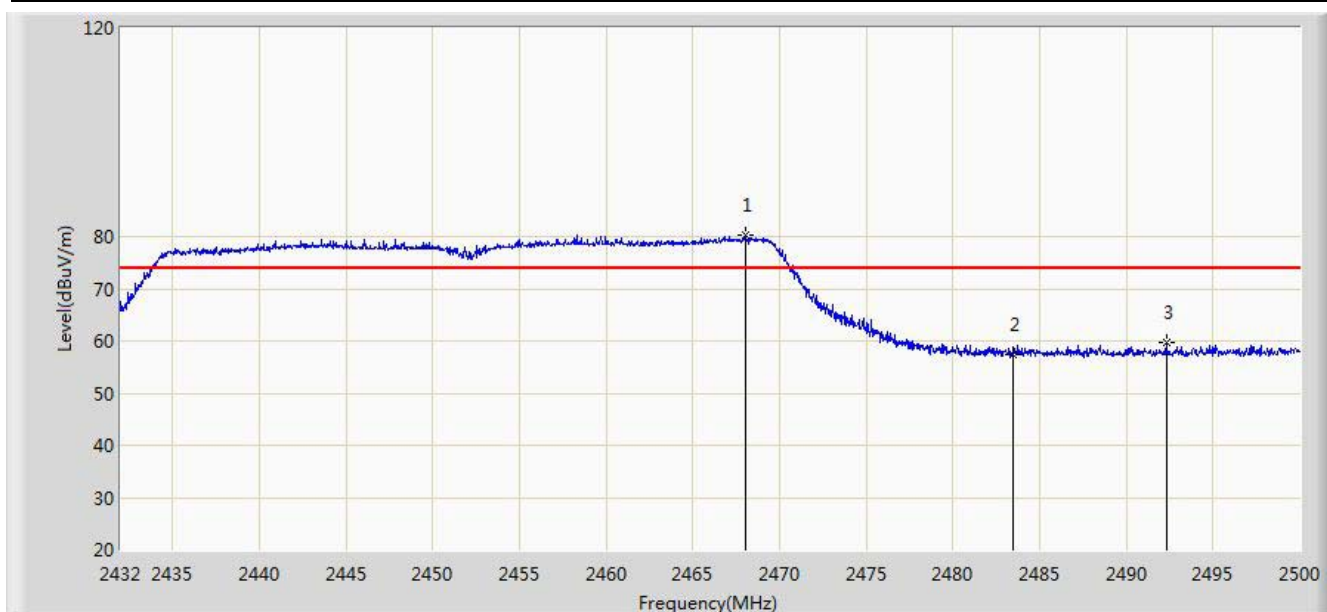


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.331	19.475	-2.669	54.000	31.856	AV
2		*	2435.202	93.765	61.982	N/A	N/A	31.783	AV

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

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

Site: AC1	Time: 2014/12/20 - 17:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: Transmit at channel 2452MHz by 802.11n-HT40 Ant 1	

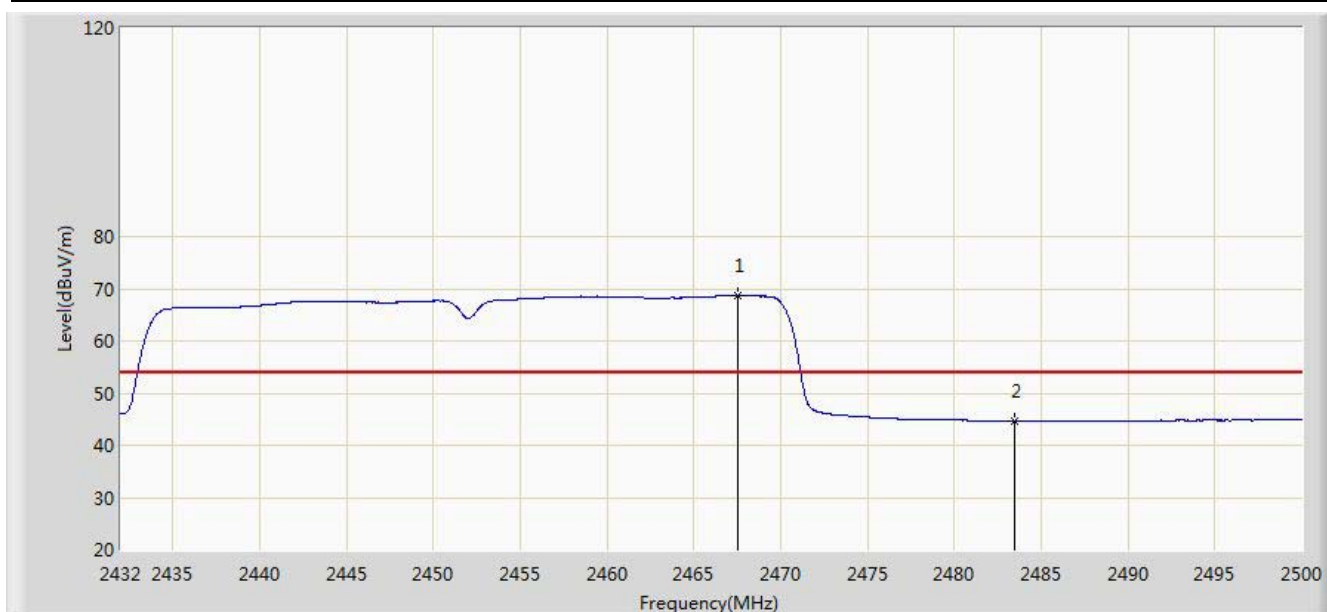


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2468.006	80.402	48.595	N/A	N/A	31.808	PK
2			2483.500	57.458	25.611	-16.542	74.000	31.848	PK
3			2492.316	59.671	27.800	-14.329	74.000	31.871	PK

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

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

Site: AC1	Time: 2014/12/20 - 17:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: Transmit at channel 2452MHz by 802.11n-HT40 Ant 1	

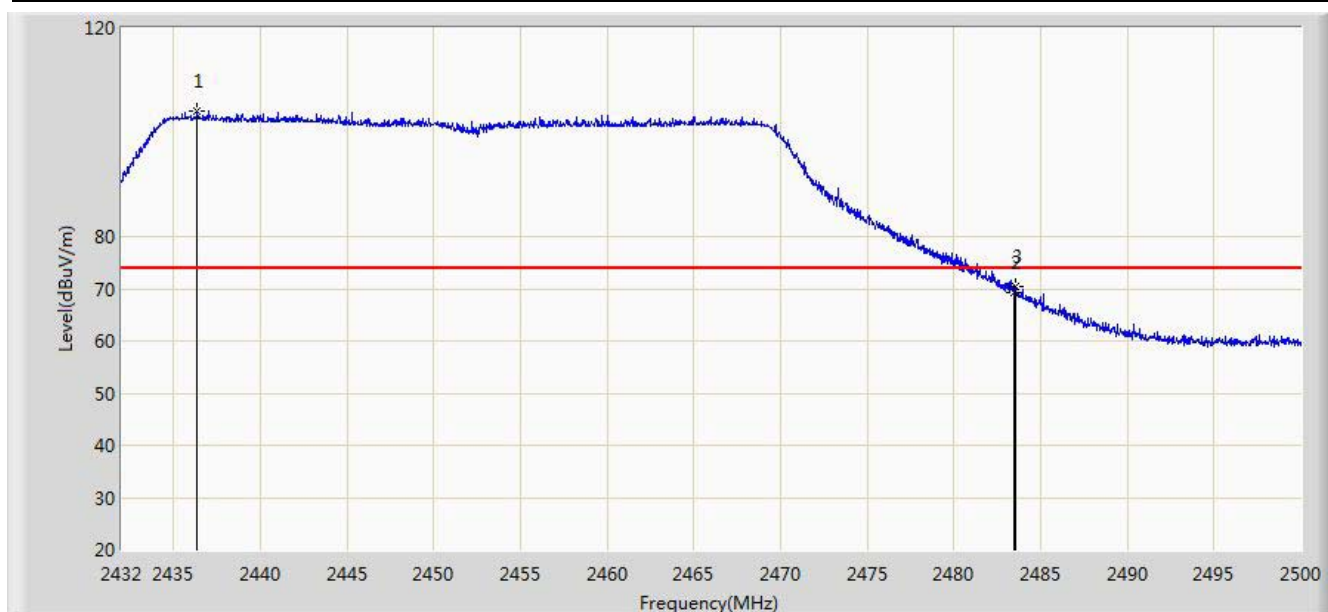


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2467.496	68.609	36.803	N/A	N/A	31.806	AV
2			2483.500	44.740	12.893	-9.260	54.000	31.848	AV

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

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

Site: AC1	Time: 2014/12/20 - 17:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: 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		*	2436.386	104.113	72.331	N/A	N/A	31.782	PK
2			2483.500	69.155	37.308	-4.845	74.000	31.848	PK
3			2483.544	70.363	38.516	-3.637	74.000	31.848	PK

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

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

Site: AC1	Time: 2014/12/20 - 17:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: Transmit at channel 2452MHz by 802.11n-HT40 Ant 1	

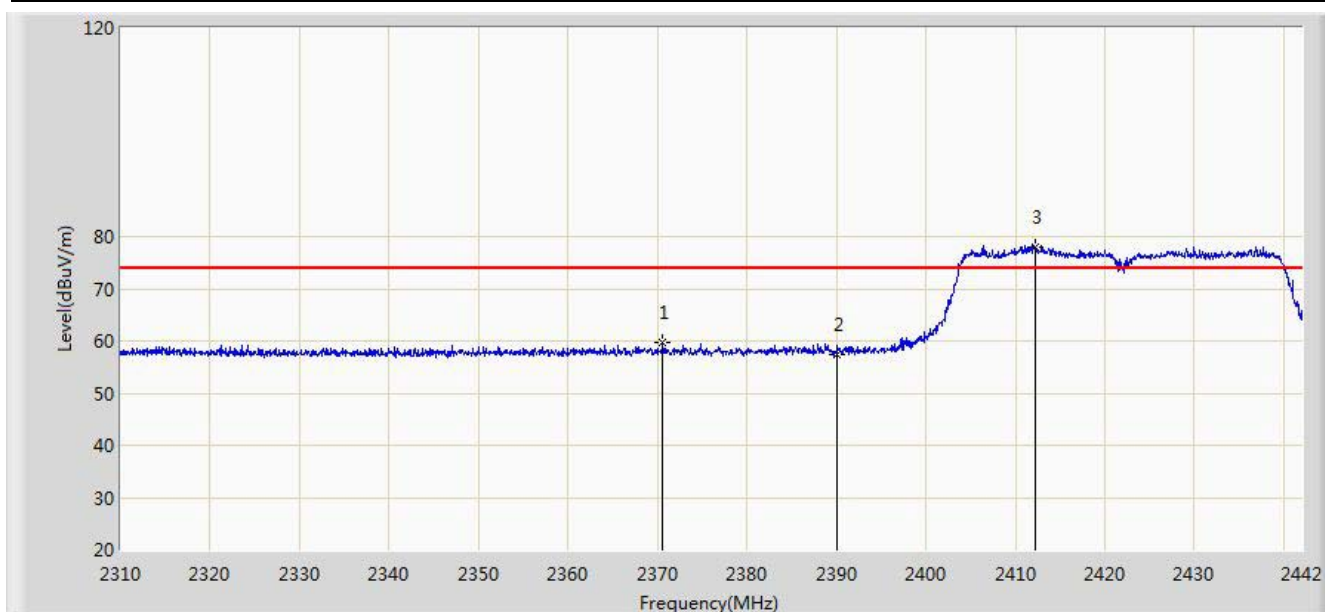


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2434.550	92.219	60.435	N/A	N/A	31.784	AV
2			2483.500	49.674	17.827	-4.326	54.000	31.848	AV

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

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

Site: AC1	Time: 2014/12/20 - 17:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: Transmit at channel 2422MHz by 802.11n-HT40 Ant 0+1	

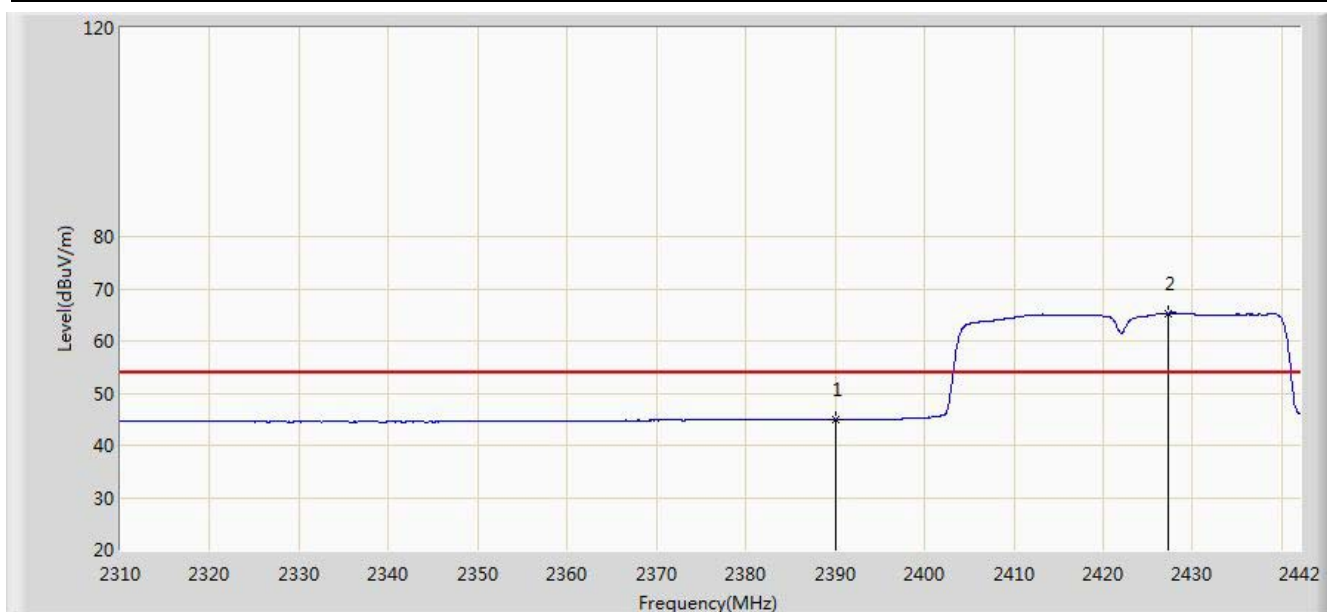


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2370.588	59.606	27.719	-14.394	74.000	31.887	PK
2			2390.000	57.441	25.585	-16.559	74.000	31.856	PK
3		*	2412.234	77.950	46.130	N/A	N/A	31.820	PK

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

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

Site: AC1	Time: 2014/12/20 - 17:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: Transmit at channel 2422MHz by 802.11n-HT40 Ant 0+1	

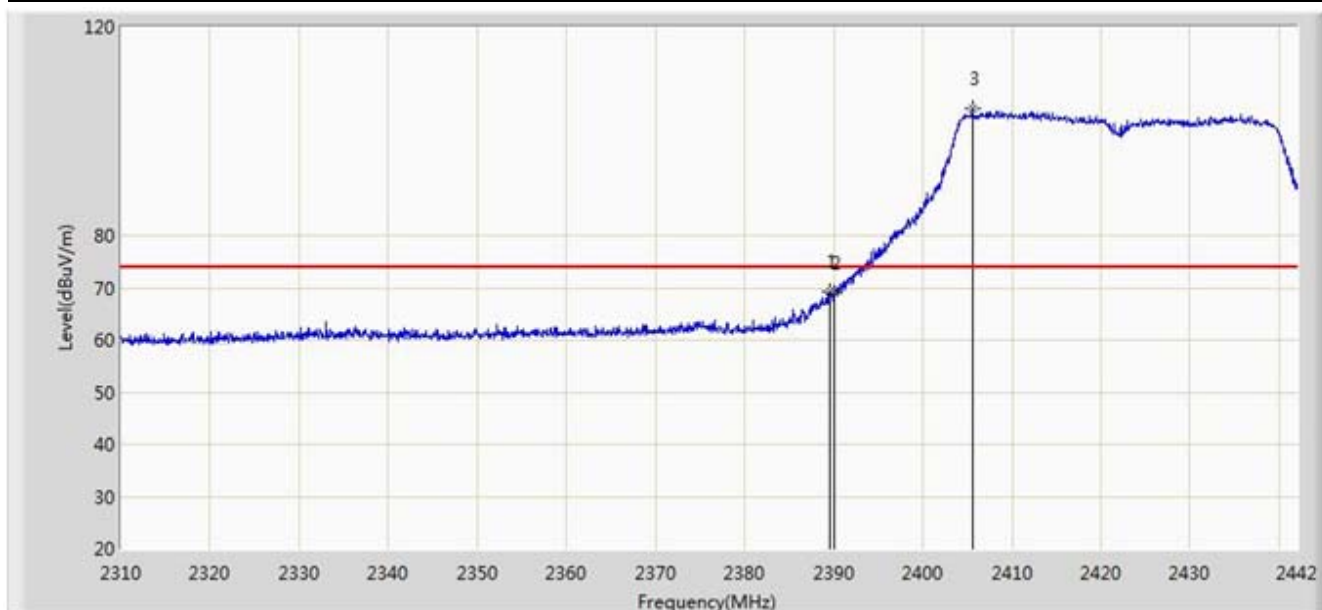


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	44.958	13.102	-9.042	54.000	31.856	AV
2		*	2427.348	65.328	33.532	N/A	N/A	31.796	AV

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

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

Site: AC1	Time: 2014/12/20 - 17:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: Transmit at channel 2422MHz by 802.11n-HT40 Ant 0+1	

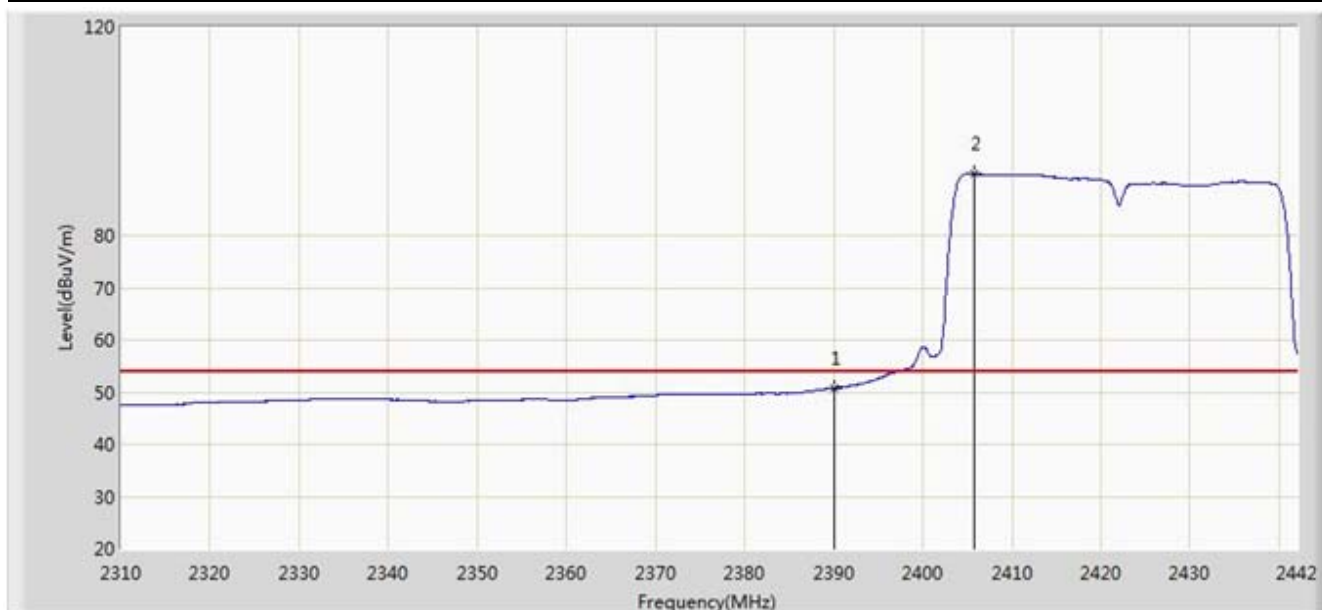


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.530	69.199	37.342	-4.801	74.000	31.857	PK
2			2390.000	68.951	37.095	-5.049	74.000	31.856	PK
3		*	2405.568	104.372	72.541	N/A	N/A	31.831	PK

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

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

Site: AC1	Time: 2014/12/20 - 17:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: Transmit at channel 2422MHz by 802.11n-HT40 Ant 0+1	

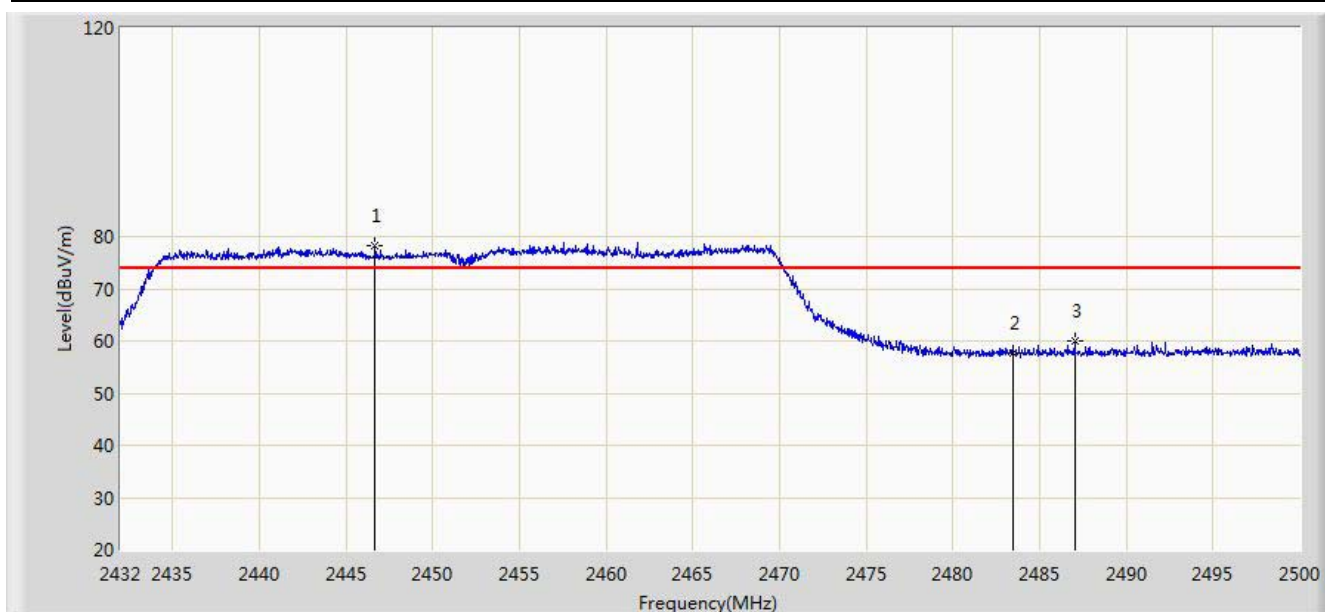


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.785	18.929	-3.215	54.000	31.856	AV
2		*	2405.832	91.844	60.013	N/A	N/A	31.830	AV

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

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

Site: AC1	Time: 2014/12/20 - 17:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: Transmit at channel 2452MHz by 802.11n-HT40 Ant 0+1	

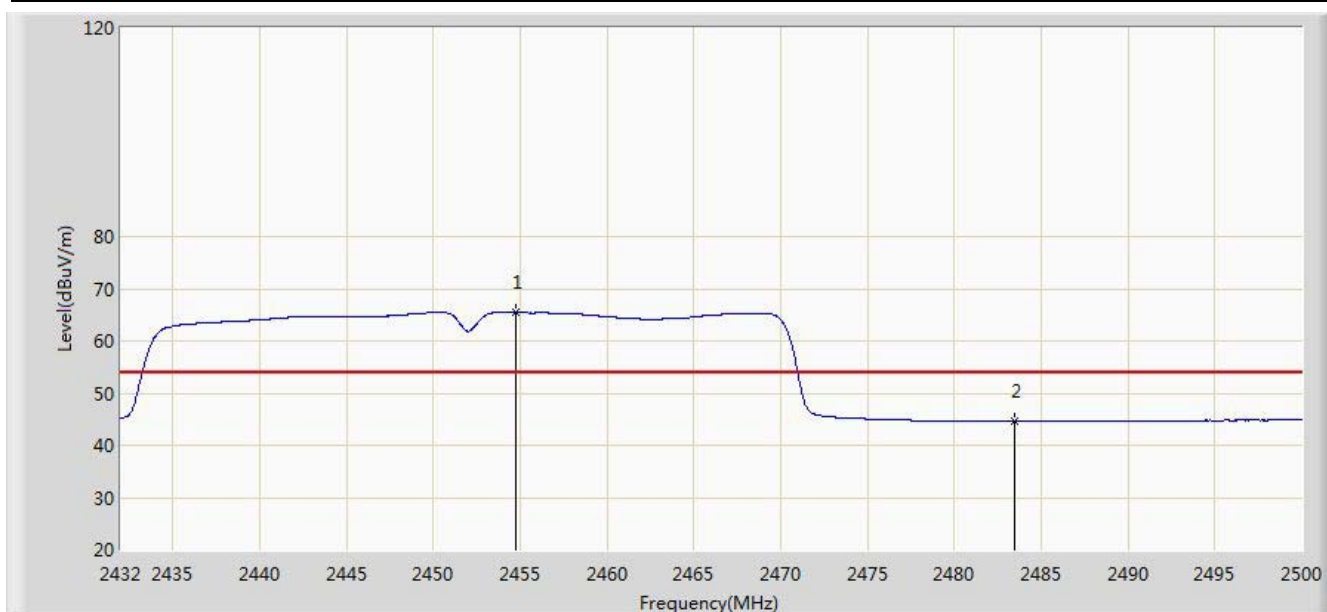


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2446.688	78.363	46.596	N/A	N/A	31.767	PK
2			2483.500	57.773	25.926	-16.227	74.000	31.848	PK
3			2487.012	60.107	28.250	-13.893	74.000	31.857	PK

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

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

Site: AC1	Time: 2014/12/20 - 17:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: Transmit at channel 2452MHz by 802.11n-HT40 Ant 0+1	

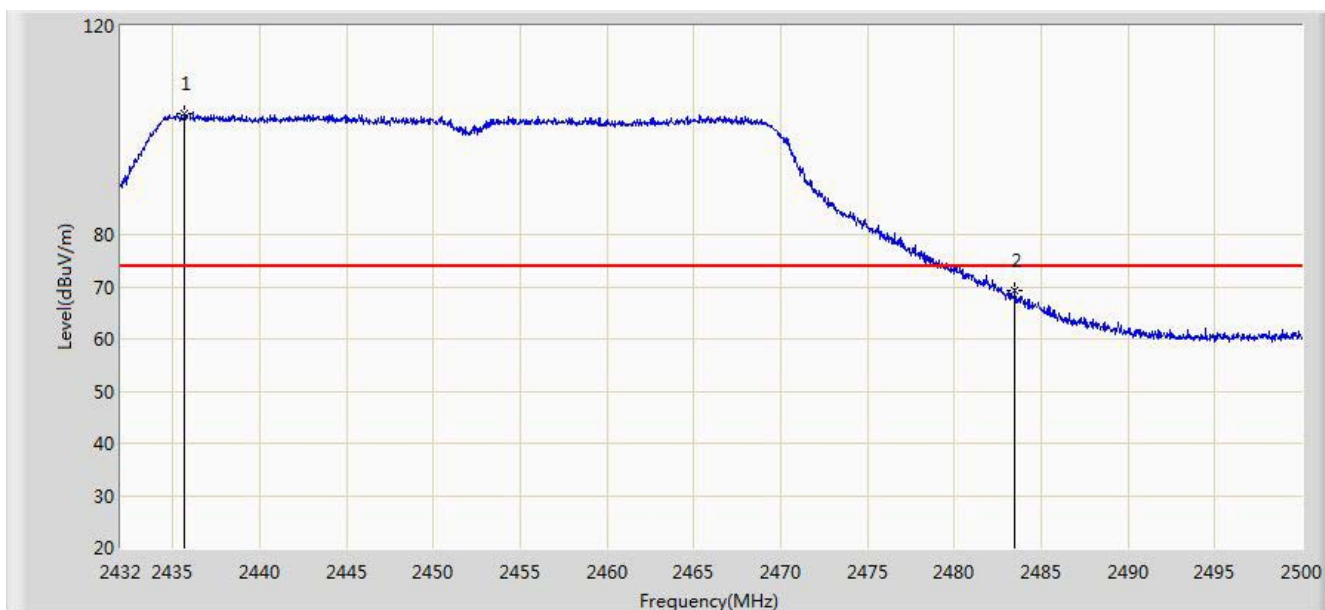


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2454.712	65.416	33.635	N/A	N/A	31.781	AV
2			2483.500	44.632	12.785	-9.368	54.000	31.848	AV

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

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

Site: AC1	Time: 2014/12/20 - 17:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: 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		*	2435.706	103.168	71.385	N/A	N/A	31.782	PK
2			2483.500	69.328	37.481	-4.672	74.000	31.848	PK

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

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

Site: AC1	Time: 2014/12/20 - 17:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Knight Lu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Altum AC600	Power: AC 120V/60Hz
Mode 4: 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		*	2437.372	90.744	58.964	N/A	N/A	31.780	AV
2			2483.500	49.498	17.651	-4.502	54.000	31.848	AV

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

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

7.8. AC Conducted Emissions Measurement

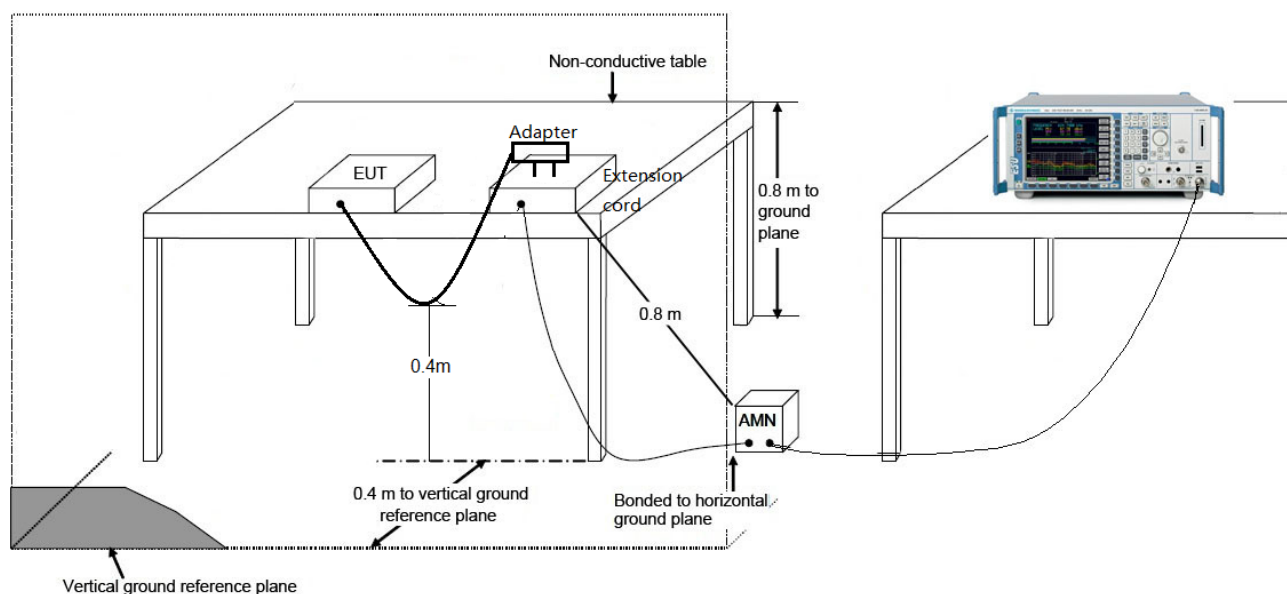
7.8.1. Test Limit

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.

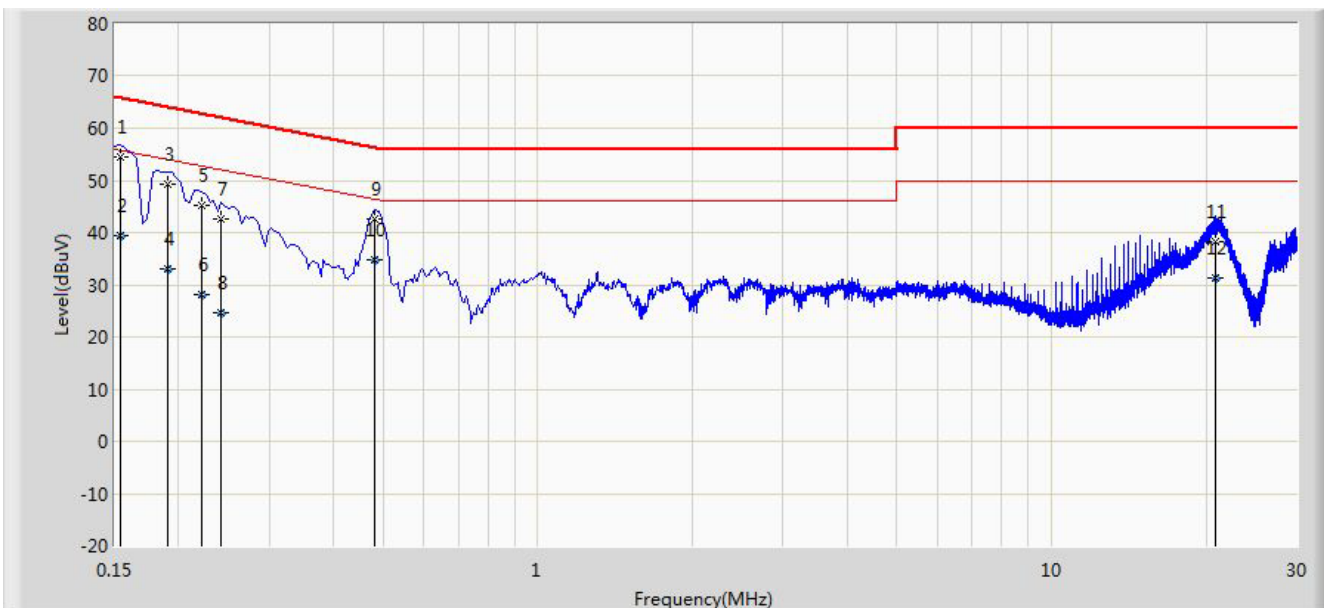
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2. Test Setup



7.8.3. Test Result

Site: SR2	Time: 2014/12/16 - 20:21
Limit: FCC_Part15.207_CE_AC Power	Engineer: Milo Li
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Altum AC600	Power: AC 120V/60Hz
Note: Mode1	

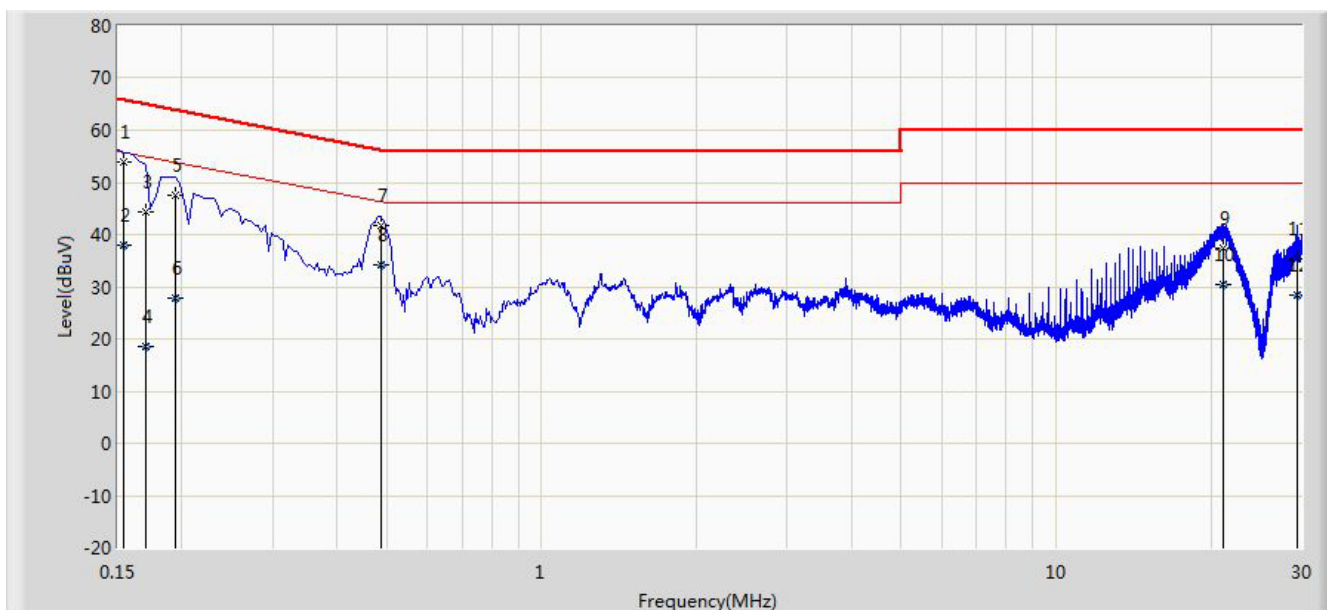


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.154	54.602	43.863	-11.179	65.781	10.740	QP
2			0.154	39.352	28.612	-16.429	55.781	10.740	AV
3			0.190	49.365	39.336	-14.671	64.037	10.029	QP
4			0.190	33.079	23.050	-20.958	54.037	10.029	AV
5			0.222	45.093	35.153	-17.650	62.744	9.941	QP
6			0.222	28.112	18.172	-24.631	52.744	9.941	AV
7			0.242	42.586	32.629	-19.441	62.027	9.958	QP
8			0.242	24.547	14.589	-27.480	52.027	9.958	AV
9			0.482	42.466	32.314	-13.839	56.305	10.152	QP
10			0.482	34.715	24.563	-11.590	46.305	10.152	AV
11			20.858	38.340	28.204	-21.660	60.000	10.136	QP
12			20.858	31.187	21.051	-18.813	50.000	10.136	AV

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

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

Site: SR2	Time: 2014/12/16 - 20:25
Limit: FCC_Part15.207_CE_AC Power	Engineer: Milo Li
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Altum AC600	Power: AC 120V/60Hz
Note: Mode1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		*	0.154	54.032	43.316	-11.749	65.781	10.716	QP
2			0.154	37.956	27.240	-17.825	55.781	10.716	AV
3			0.170	44.260	34.196	-20.700	64.960	10.064	QP
4			0.170	18.658	8.594	-36.302	54.960	10.064	AV
5			0.194	47.521	37.500	-16.342	63.864	10.021	QP
6			0.194	27.735	17.713	-26.129	53.864	10.021	AV
7			0.486	41.785	31.609	-14.451	56.236	10.176	QP
8			0.486	34.170	23.994	-12.065	46.236	10.176	AV
9			21.082	37.487	27.300	-22.513	60.000	10.187	QP
10			21.082	30.305	20.118	-19.695	50.000	10.187	AV
11			29.482	35.408	24.982	-24.592	60.000	10.426	QP
12			29.482	28.309	17.882	-21.691	50.000	10.426	AV

Note: Measure Level (dBuV) = Reading Level (dBuV) + 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 **Altum AC600 FCC ID:**

NCY-A600 is in compliance with Part 15C of the FCC Rules.

The End