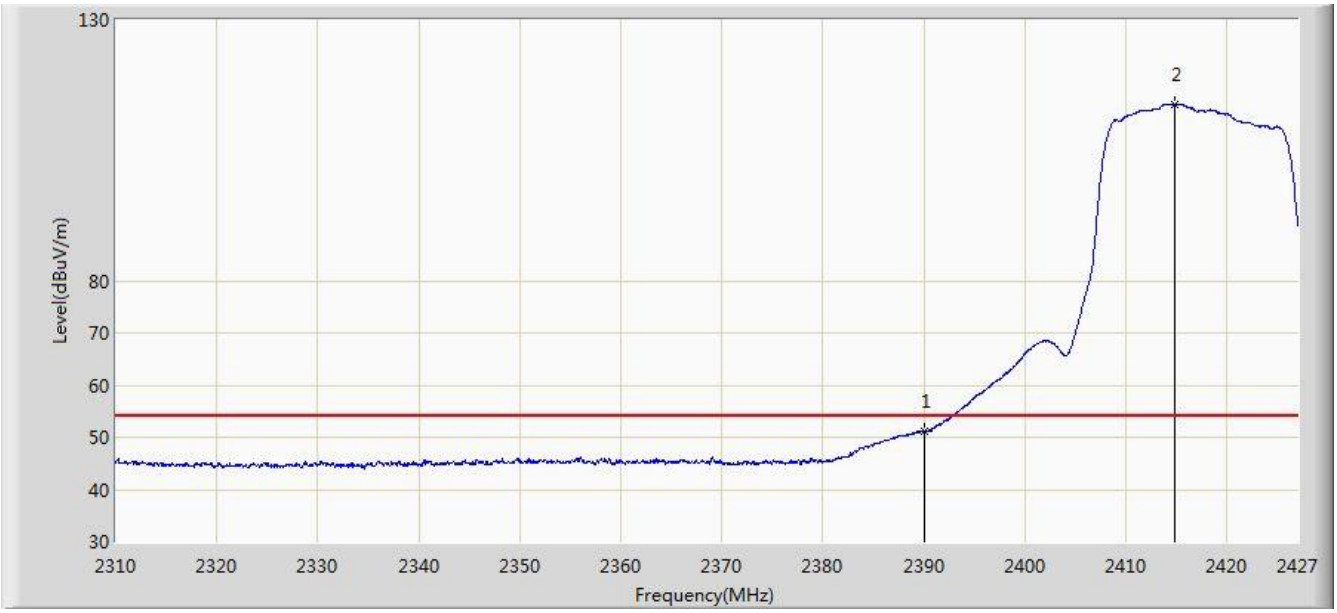
Site: AC1	Time: 2018/03/05 - 14:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2417MHz Ant 0 + 1 (CDD Mode)	

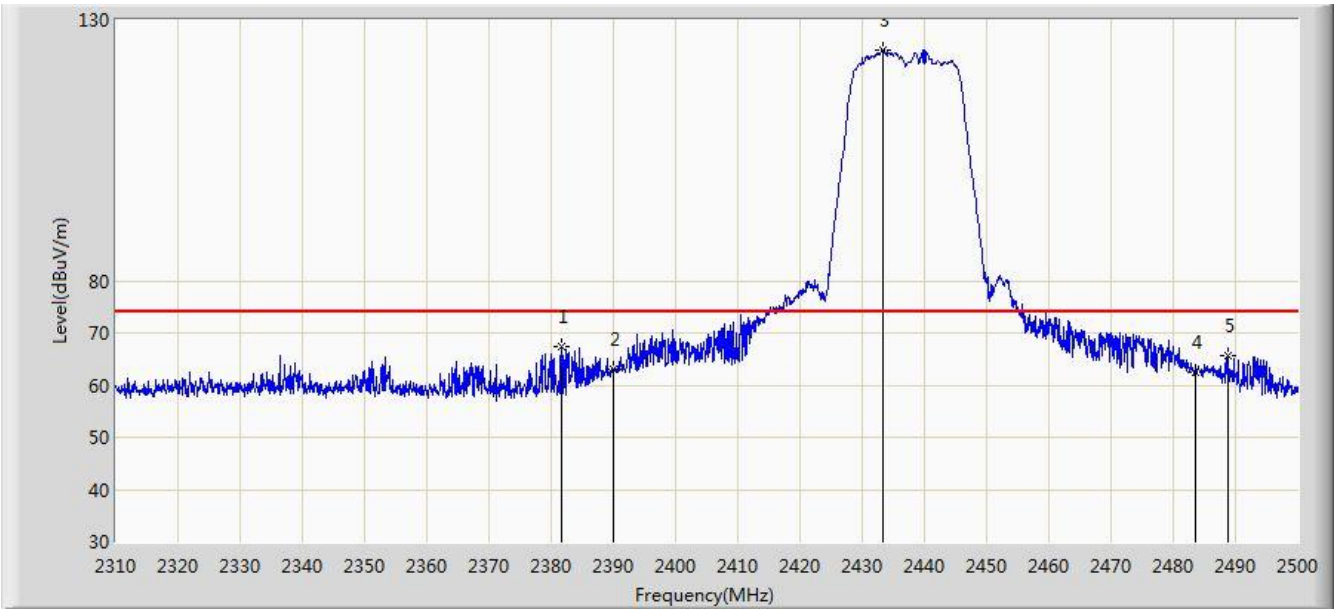


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.205	18.651	-2.795	54.000	32.554	AV
2			2414.773	113.796	81.274	N/A	N/A	32.522	AV

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

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

Site: AC1	Time: 2018/02/08 - 08:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

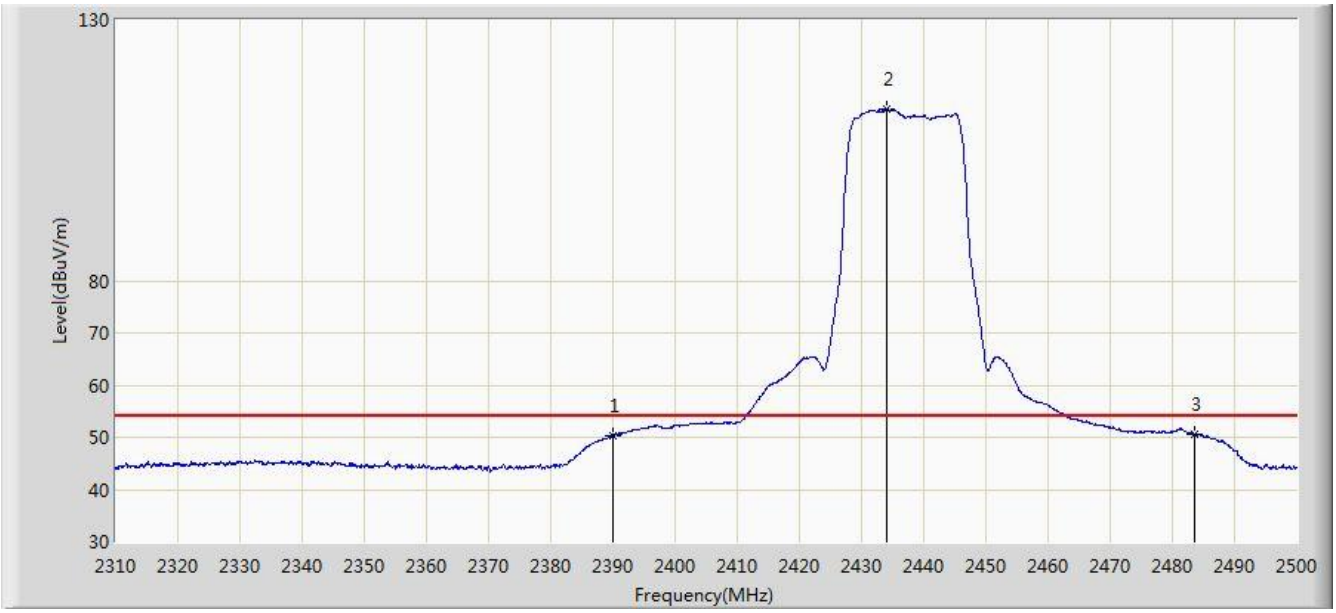


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2381.725	67.356	34.790	-6.644	74.000	32.566	PK
2			2390.000	63.055	30.501	-10.945	74.000	32.554	PK
3			2433.215	124.287	91.787	N/A	N/A	32.500	PK
4			2483.500	62.401	29.820	-11.599	74.000	32.580	PK
5			2488.885	65.672	33.075	-8.328	74.000	32.597	PK

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

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

Site: AC1	Time: 2018/02/08 - 08:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

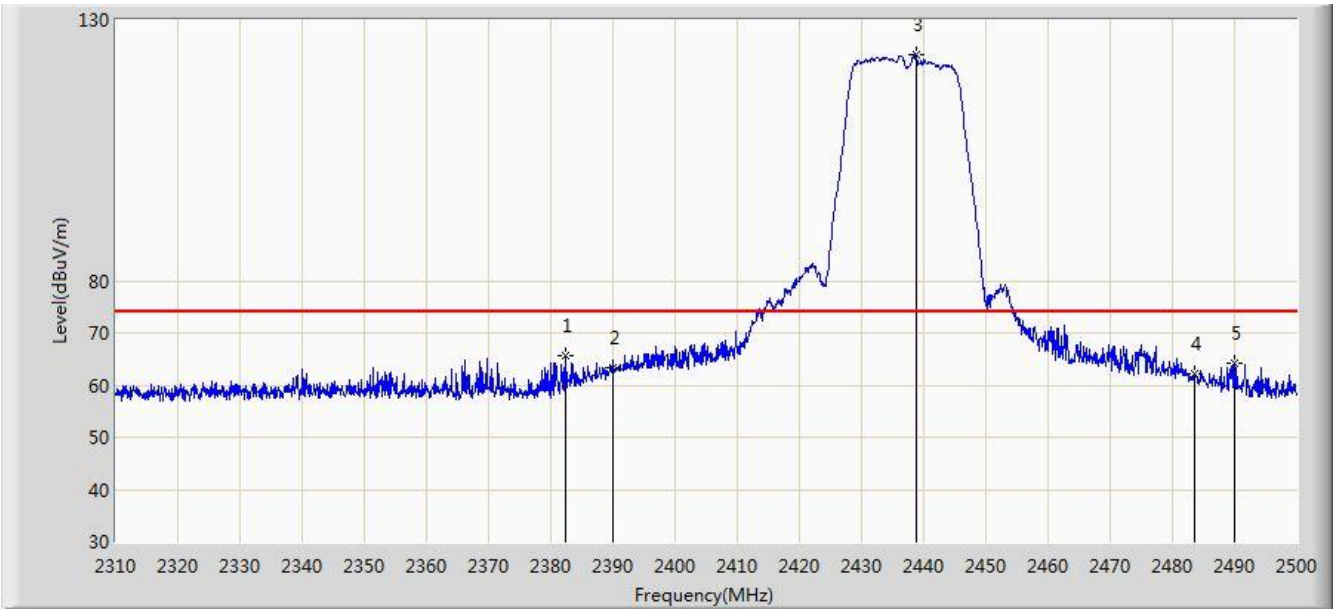


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.317	17.763	-3.683	54.000	32.554	AV
2			2434.165	112.857	80.358	N/A	N/A	32.499	AV
3			2483.500	50.595	18.014	-3.405	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/02/08 - 08:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

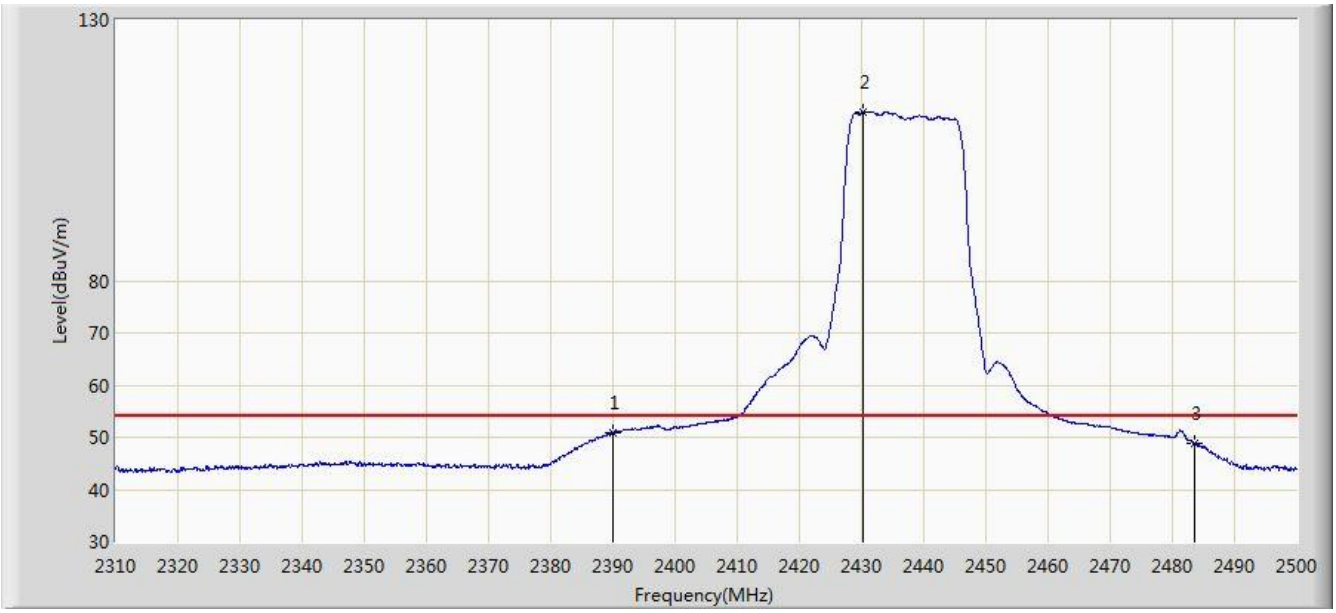


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2382.485	65.526	32.961	-8.474	74.000	32.565	PK
2			2390.000	63.297	30.743	-10.703	74.000	32.554	PK
3			2438.725	123.248	90.754	N/A	N/A	32.494	PK
4			2483.500	62.076	29.495	-11.924	74.000	32.580	PK
5			2489.930	64.174	31.574	-9.826	74.000	32.600	PK

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

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

Site: AC1	Time: 2018/02/08 - 08:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

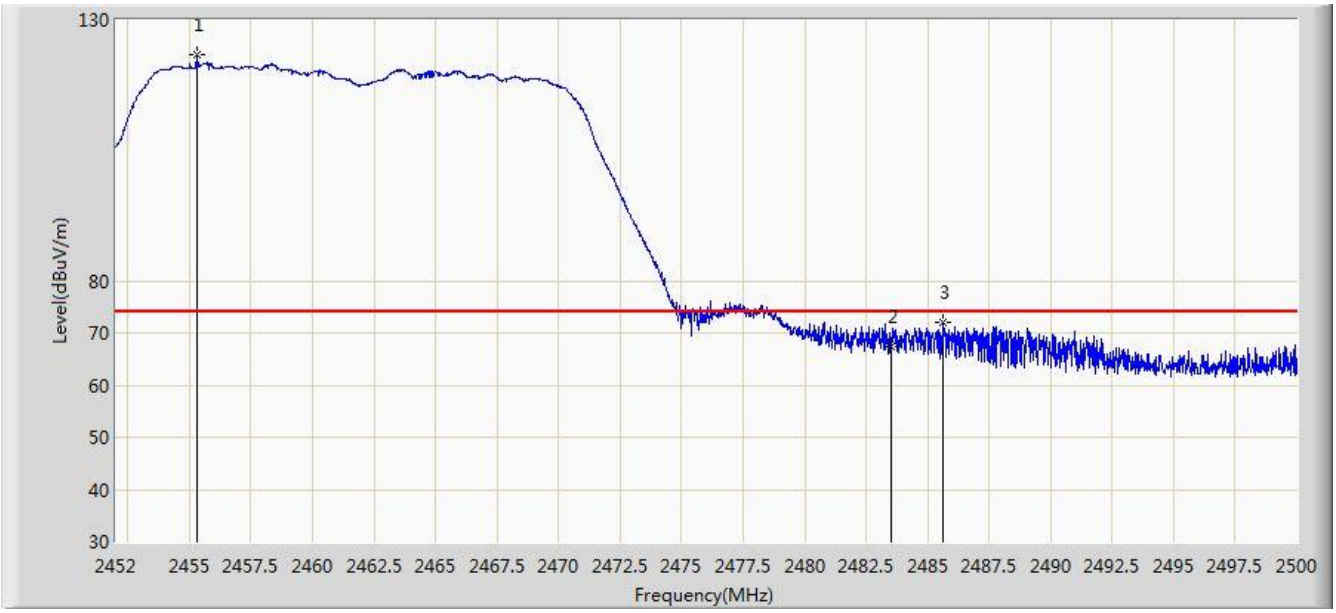


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.778	18.224	-3.222	54.000	32.554	AV
2			2430.270	112.348	79.844	N/A	N/A	32.504	AV
3			2483.500	48.792	16.211	-5.208	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/20 - 02:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

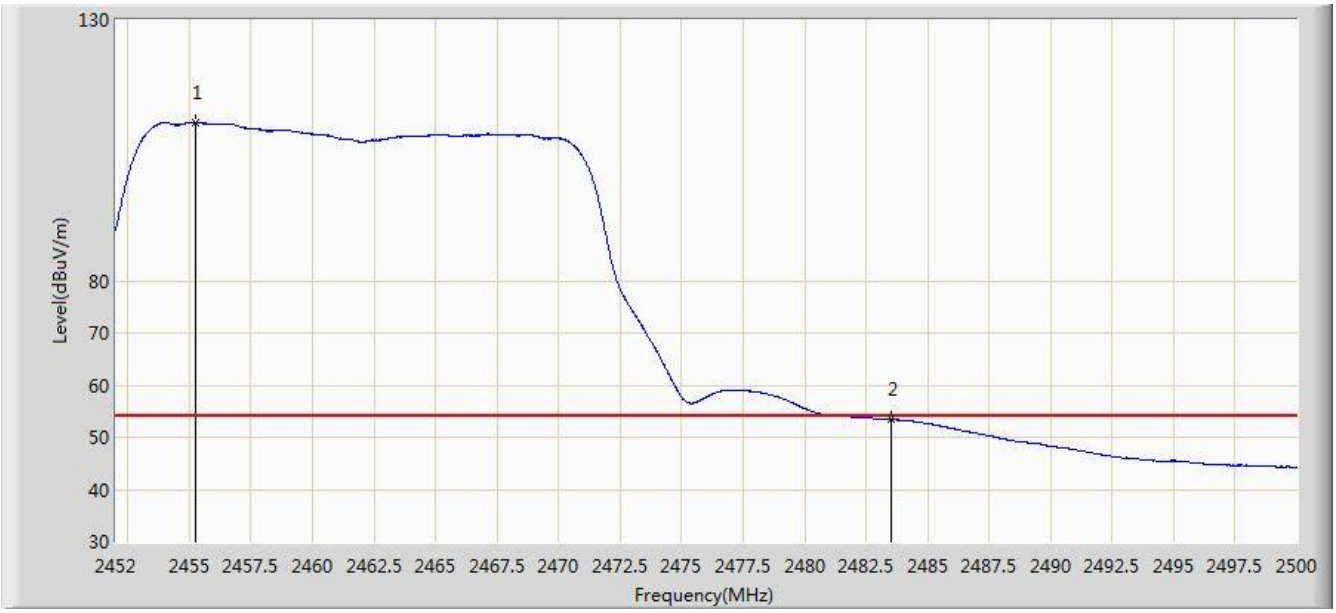


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2455.288	123.225	90.958	N/A	N/A	32.266	PK
2			2483.500	67.471	35.132	-6.529	74.000	32.340	PK
3			2485.648	72.077	39.729	-1.923	74.000	32.347	PK

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

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

Site: AC1	Time: 2018/03/20 - 03:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

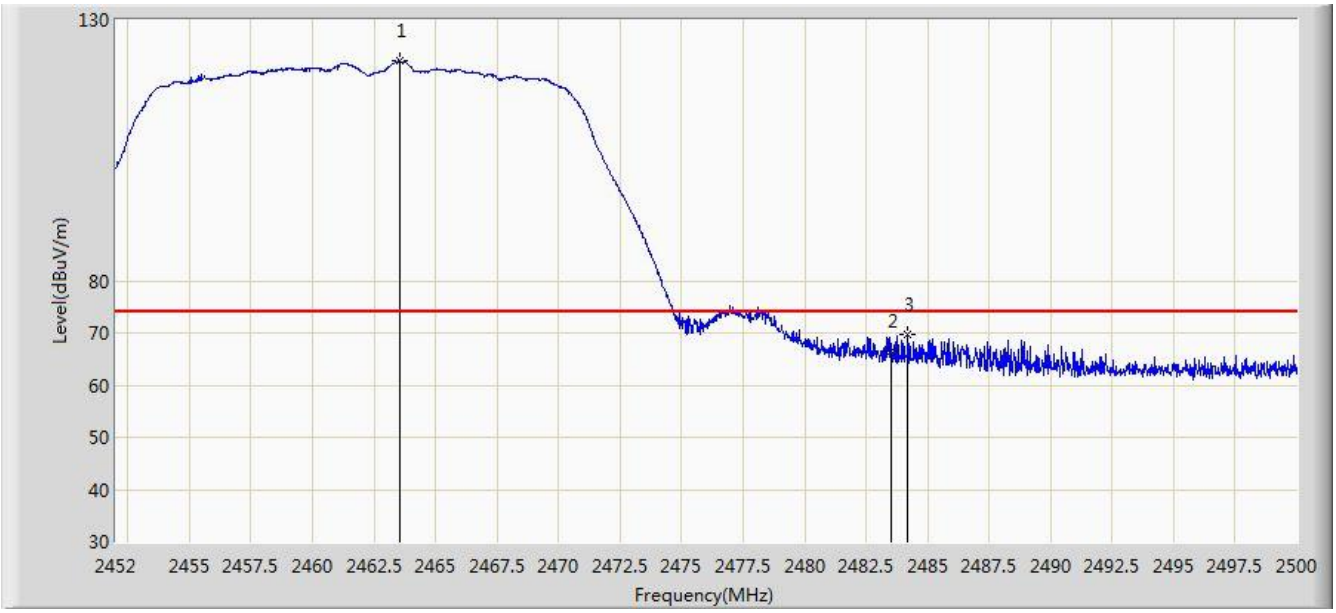


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2455.264	110.336	78.069	N/A	N/A	32.266	AV
2			2483.500	53.414	21.075	-0.586	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/03/20 - 03:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

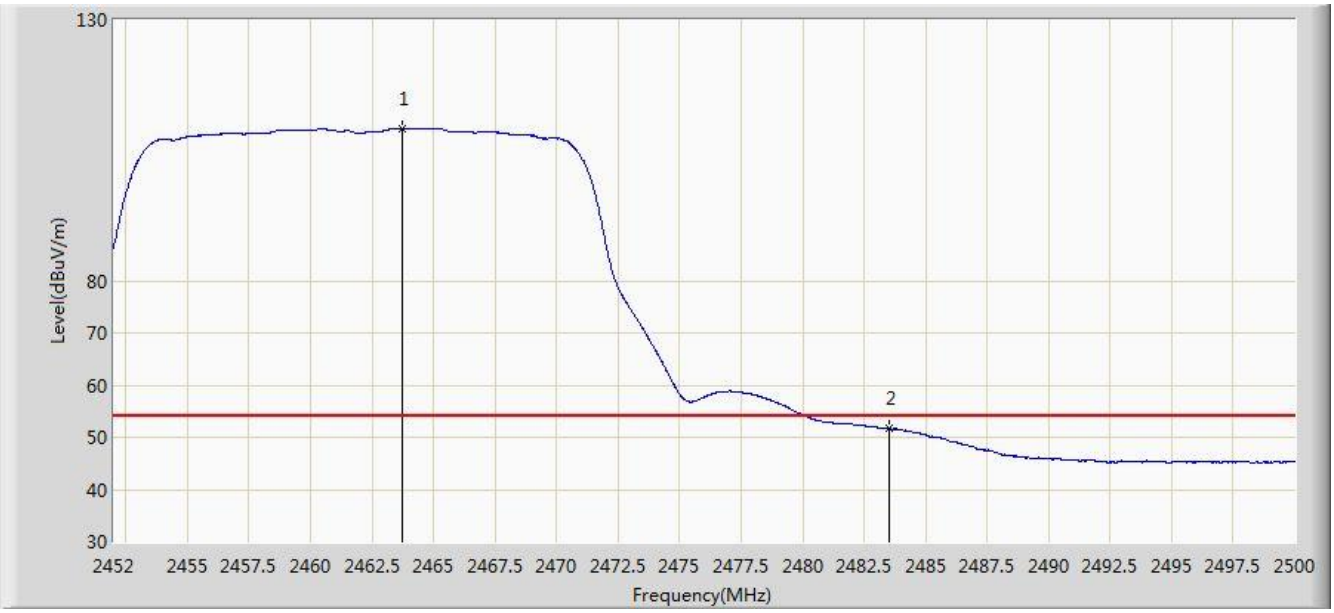


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2463.568	122.090	89.807	N/A	N/A	32.283	PK
2			2483.500	66.582	34.243	-7.418	74.000	32.340	PK
3			2484.208	69.768	37.426	-4.232	74.000	32.342	PK

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

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

Site: AC1	Time: 2018/03/20 - 03:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

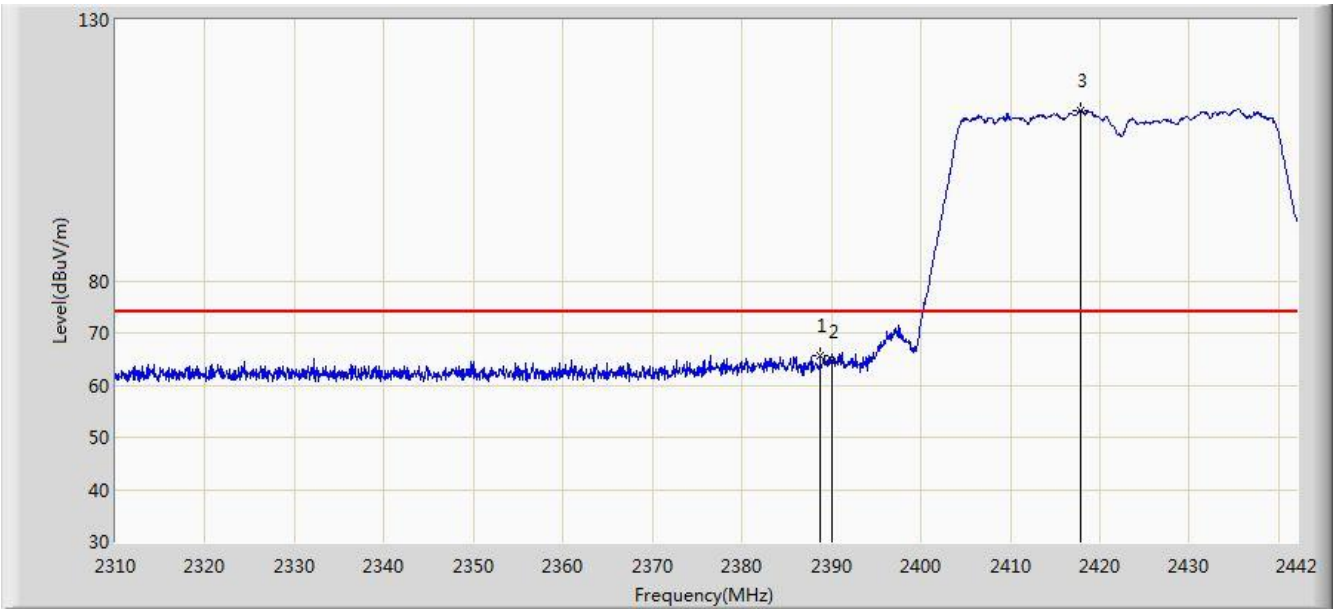


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2463.736	109.146	76.863	N/A	N/A	32.283	AV
2			2483.500	51.662	19.323	-2.338	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/03/20 - 03:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (CDD Mode)	

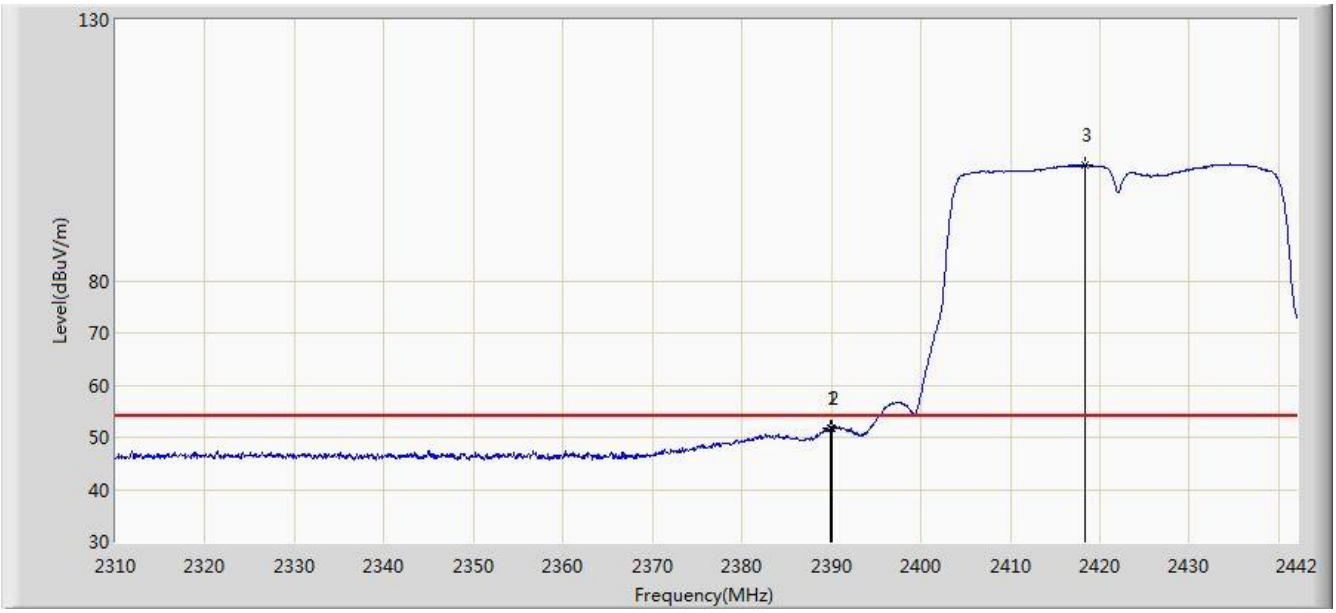


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.738	65.589	33.260	-8.411	74.000	32.328	PK
2			2390.000	64.636	32.309	-9.364	74.000	32.327	PK
3			2417.910	112.750	80.468	N/A	N/A	32.282	PK

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

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

Site: AC1	Time: 2018/03/20 - 03:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (CDD Mode)	

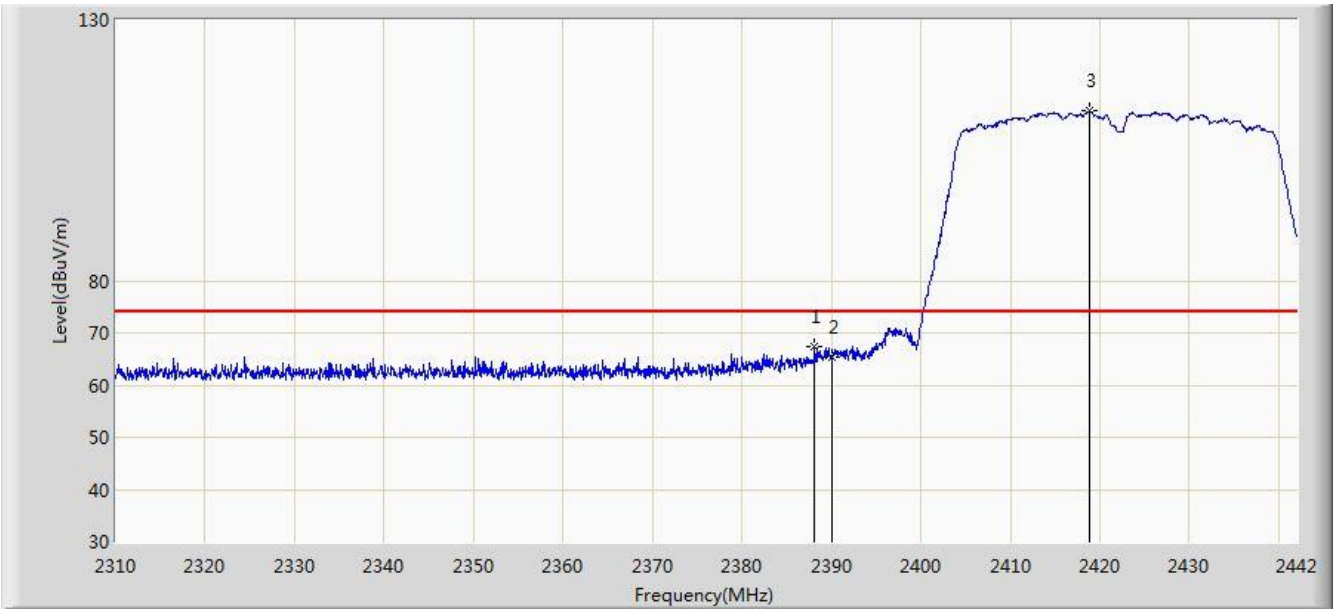


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.926	51.750	19.423	-2.250	54.000	32.327	AV
2			2390.000	51.731	19.404	-2.269	54.000	32.327	AV
3			2418.306	102.180	69.898	N/A	N/A	32.282	AV

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

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

Site: AC1	Time: 2018/03/20 - 03:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (CDD Mode)	

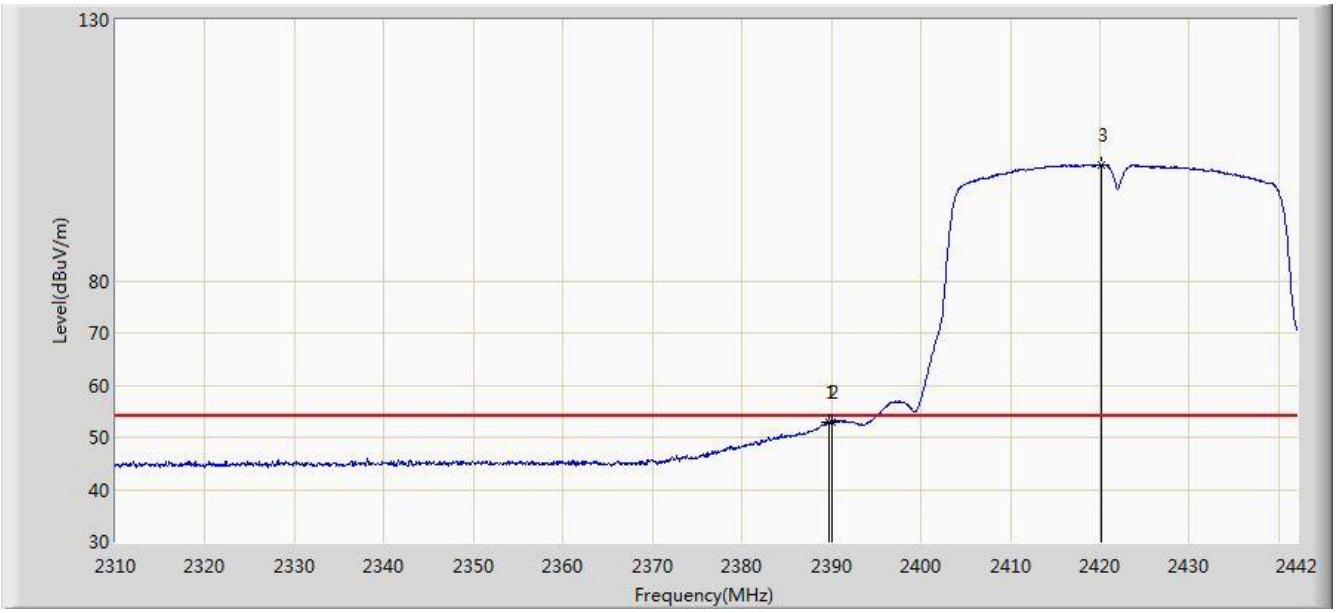


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.144	67.371	35.042	-6.629	74.000	32.330	PK
2			2390.000	65.313	32.986	-8.687	74.000	32.327	PK
3			2418.834	112.496	80.214	N/A	N/A	32.282	PK

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

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

Site: AC1	Time: 2018/03/20 - 03:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (CDD Mode)	

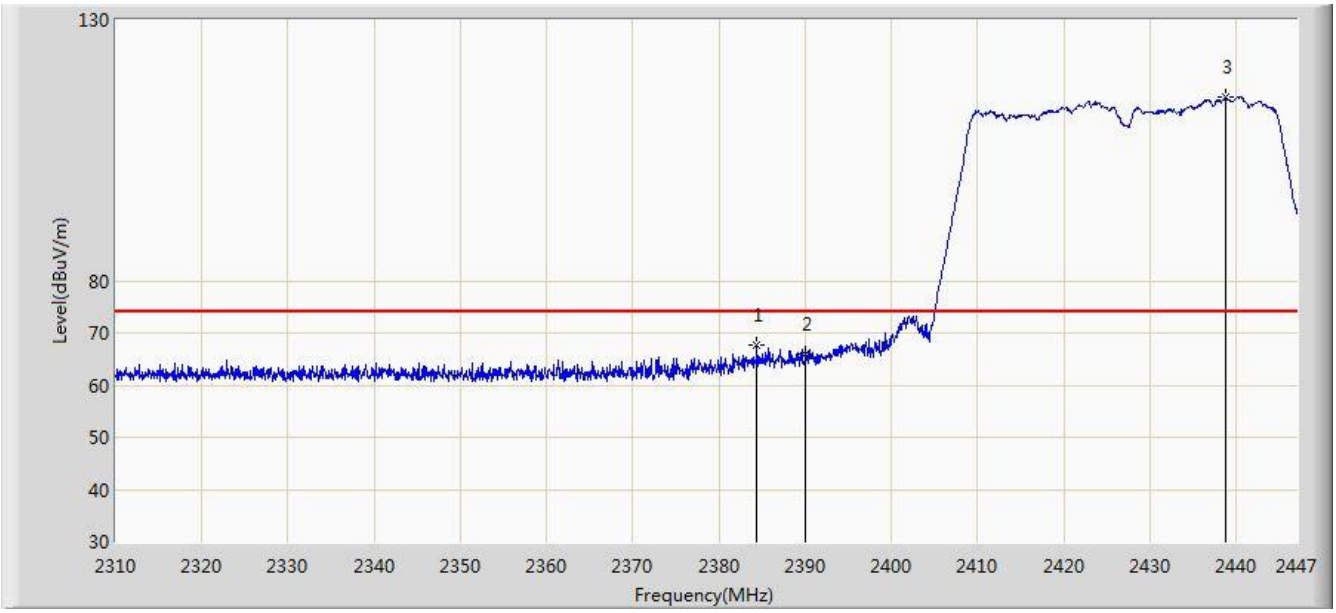


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.794	53.028	20.701	-0.972	54.000	32.327	AV
2			2390.000	53.017	20.690	-0.983	54.000	32.327	AV
3			2420.220	102.262	69.981	N/A	N/A	32.281	AV

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

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

Site: AC1	Time: 2018/03/20 - 03:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2427MHz Ant 0 + 1 (CDD Mode)	

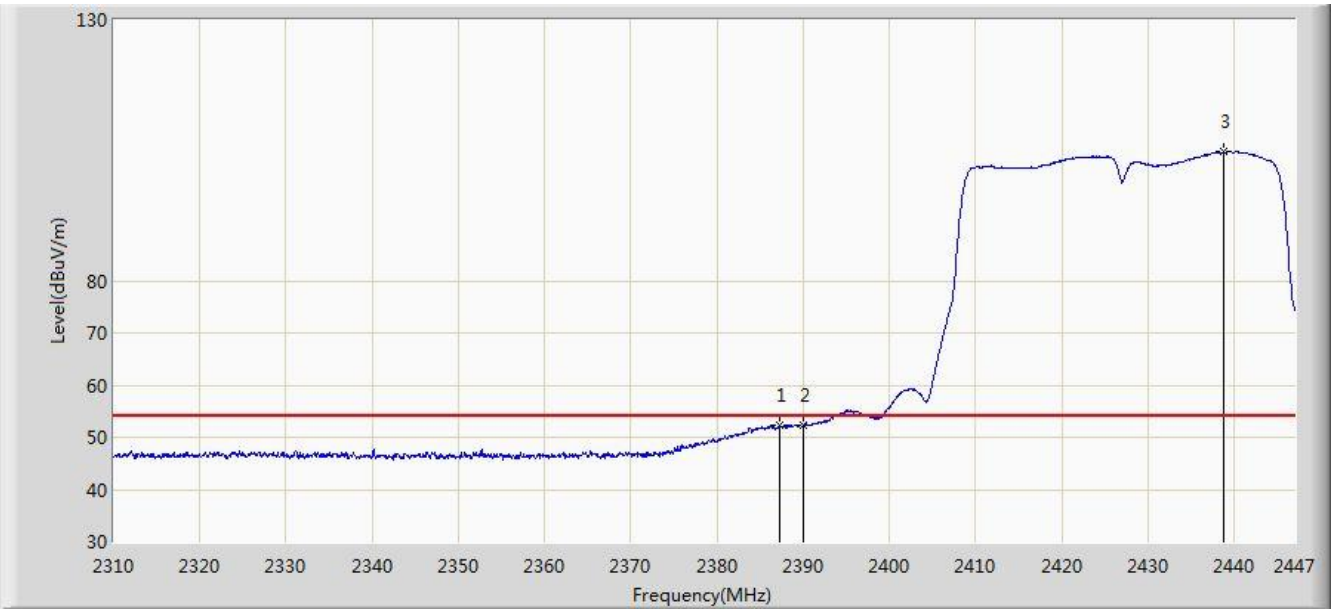


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2384.323	67.565	35.230	-6.435	74.000	32.335	PK
2			2390.000	65.827	33.500	-8.173	74.000	32.327	PK
3			2438.711	115.320	83.060	N/A	N/A	32.260	PK

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

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

Site: AC1	Time: 2018/03/20 - 03:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2427MHz Ant 0 + 1 (CDD Mode)	

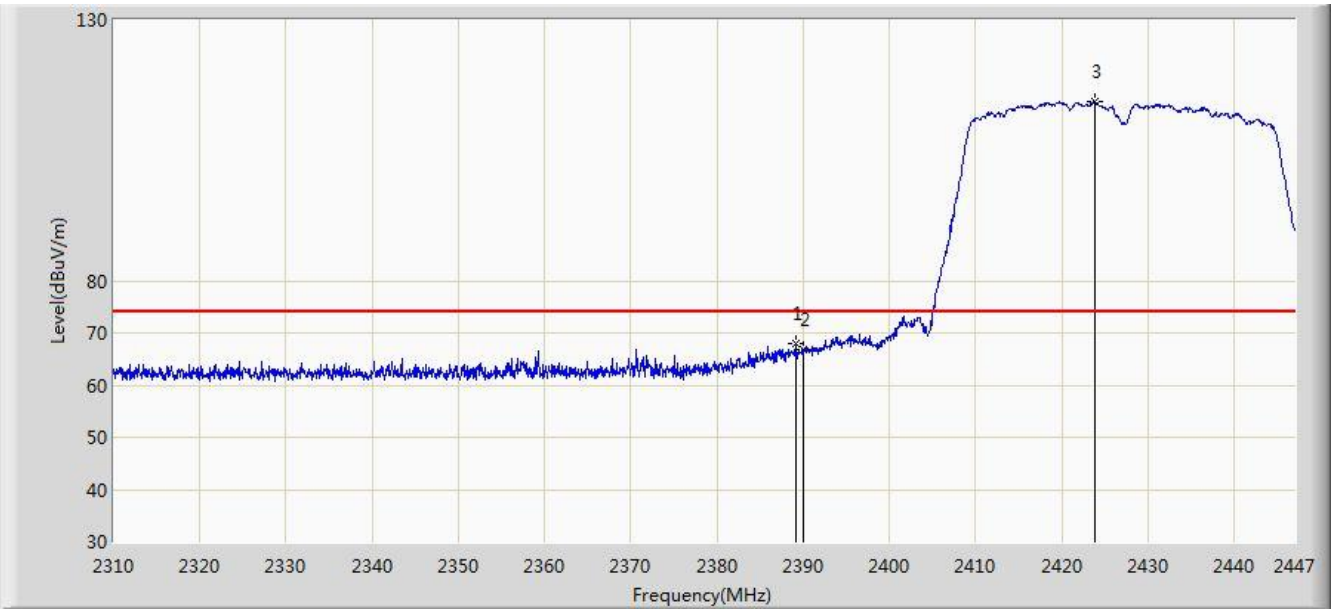


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.268	52.411	20.080	-1.589	54.000	32.331	AV
2			2390.000	52.305	19.978	-1.695	54.000	32.327	AV
3			2438.711	104.651	72.391	N/A	N/A	32.260	AV

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

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

Site: AC1	Time: 2018/03/20 - 03:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2427MHz Ant 0 + 1 (CDD Mode)	

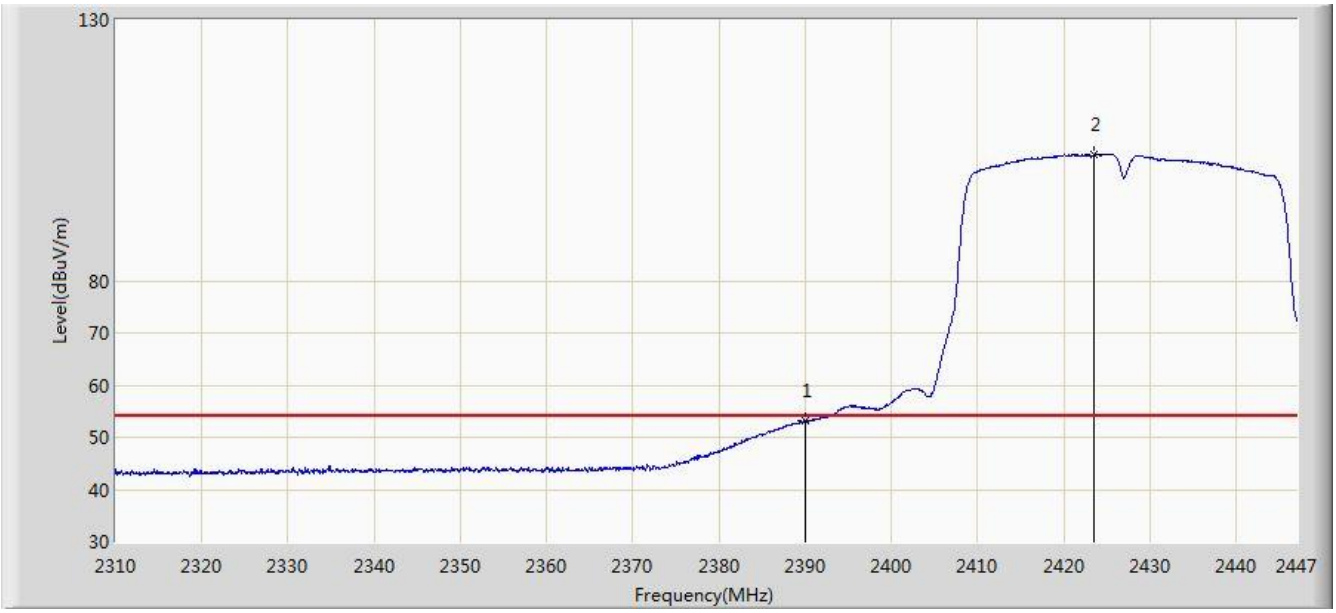


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.186	68.011	35.683	-5.989	74.000	32.328	PK
2			2390.000	66.673	34.346	-7.327	74.000	32.327	PK
3			2423.847	114.408	82.128	N/A	N/A	32.280	PK

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

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

Site: AC1	Time: 2018/03/20 - 03:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2427MHz Ant 0 + 1 (CDD Mode)	

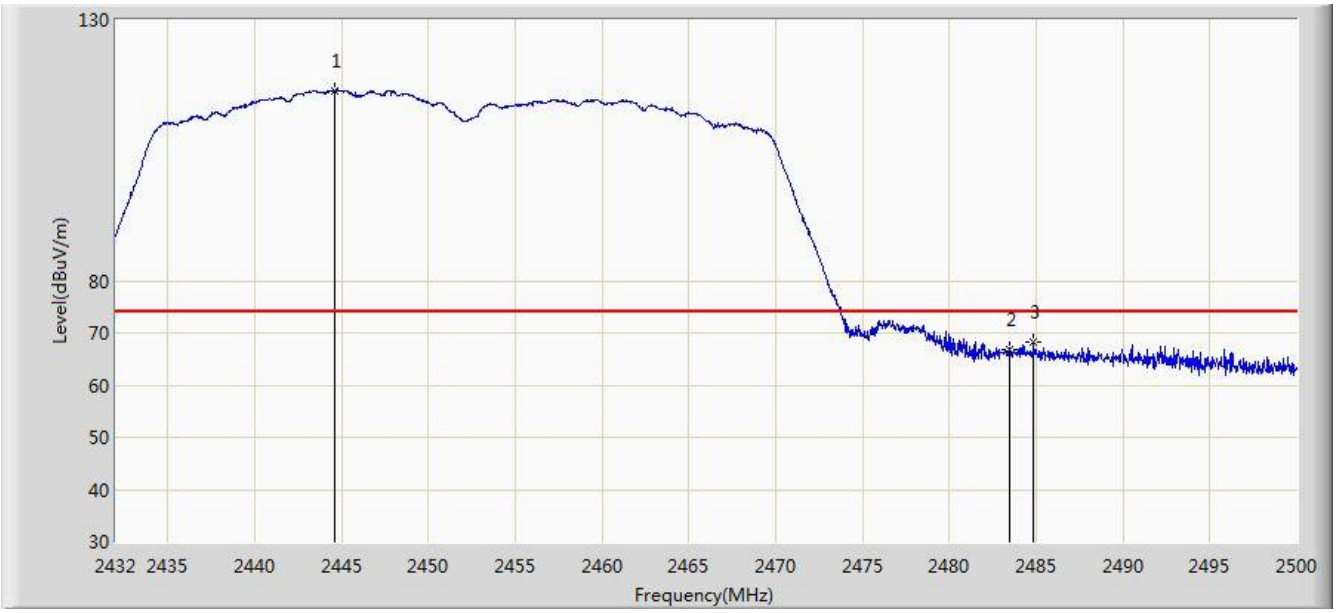


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	53.103	20.776	-0.897	54.000	32.327	AV
2			2423.504	104.242	71.962	N/A	N/A	32.280	AV

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

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

Site: AC1	Time: 2018/03/20 - 03:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0 + 1 (CDD Mode)	

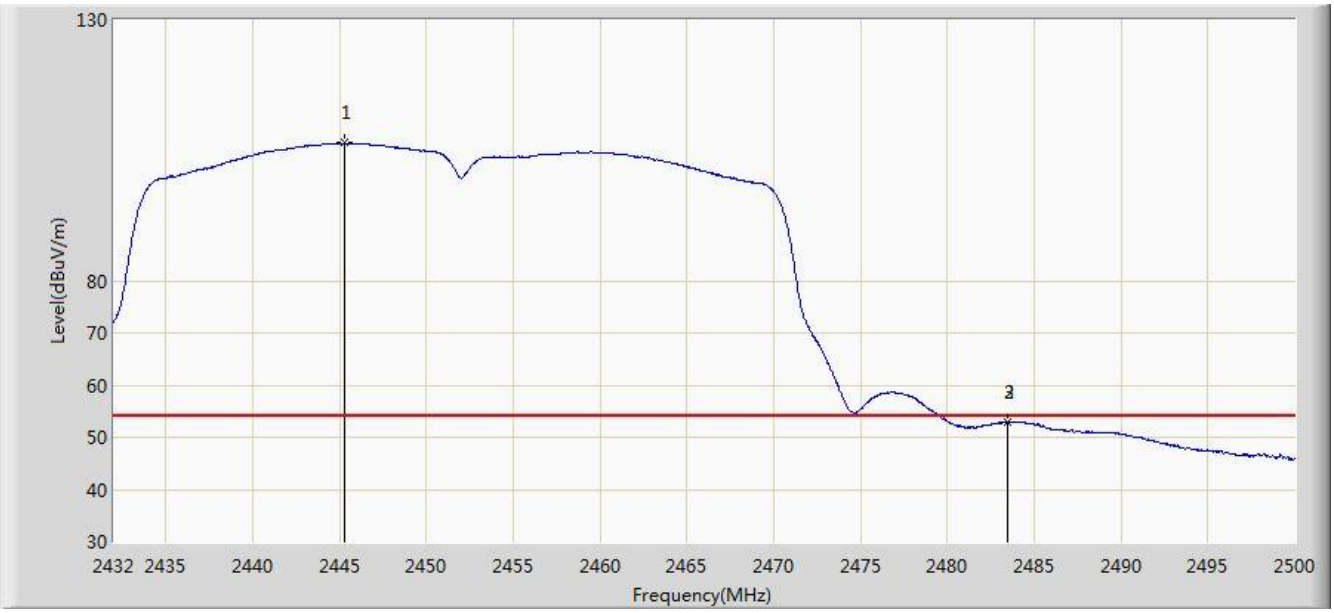


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2444.648	116.516	84.266	N/A	N/A	32.251	PK
2			2483.500	66.739	34.400	-7.261	74.000	32.340	PK
3			2484.836	68.314	35.970	-5.686	74.000	32.344	PK

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

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

Site: AC1	Time: 2018/03/20 - 03:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0 + 1 (CDD Mode)	

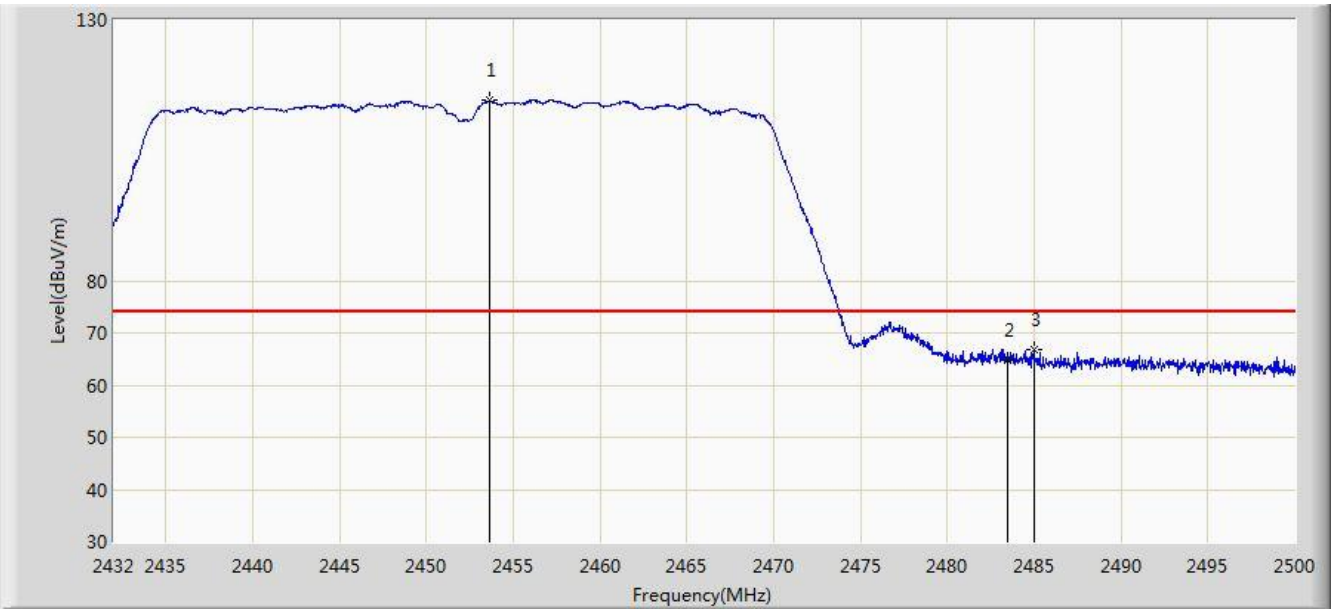


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2445.294	106.392	74.143	N/A	N/A	32.249	AV
2			2483.500	53.005	20.666	-0.995	54.000	32.340	AV
3			2483.510	53.027	20.688	-0.973	54.000	32.340	AV

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

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

Site: AC1	Time: 2018/03/20 - 03:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0 + 1 (CDD Mode)	

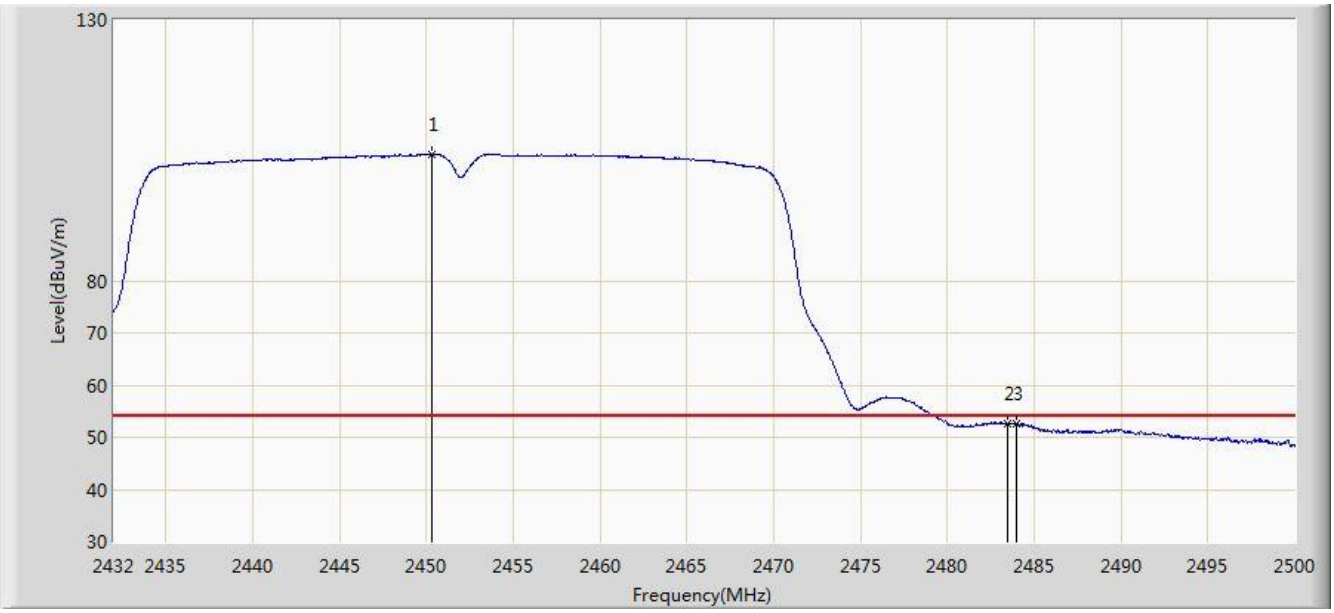


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2453.624	114.500	82.237	N/A	N/A	32.264	PK
2			2483.500	64.917	32.578	-9.083	74.000	32.340	PK
3			2484.972	66.671	34.326	-7.329	74.000	32.345	PK

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

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

Site: AC1	Time: 2018/03/20 - 03:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0 + 1 (CDD Mode)	

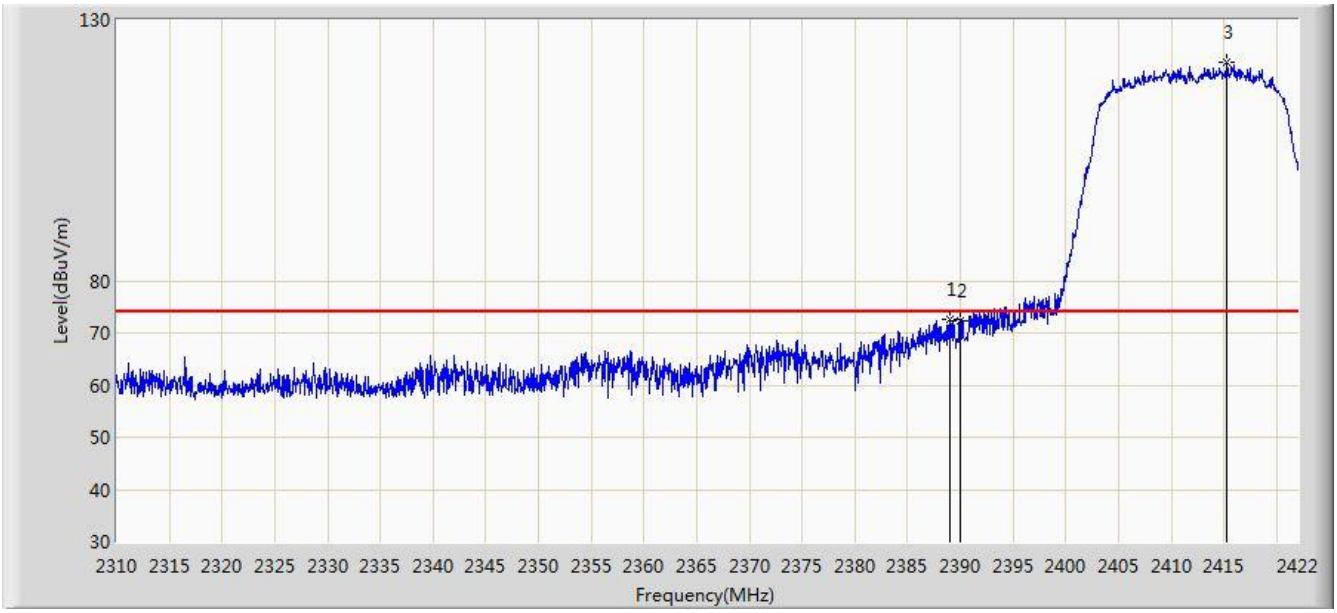


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2450.326	104.306	72.049	N/A	N/A	32.257	AV
2			2483.500	52.710	20.371	-1.290	54.000	32.340	AV
3			2483.986	52.716	20.375	-1.284	54.000	32.341	AV

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

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

Site: AC1	Time: 2018/03/05 - 15:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0 + 1 (Beam-Forming Mode)	

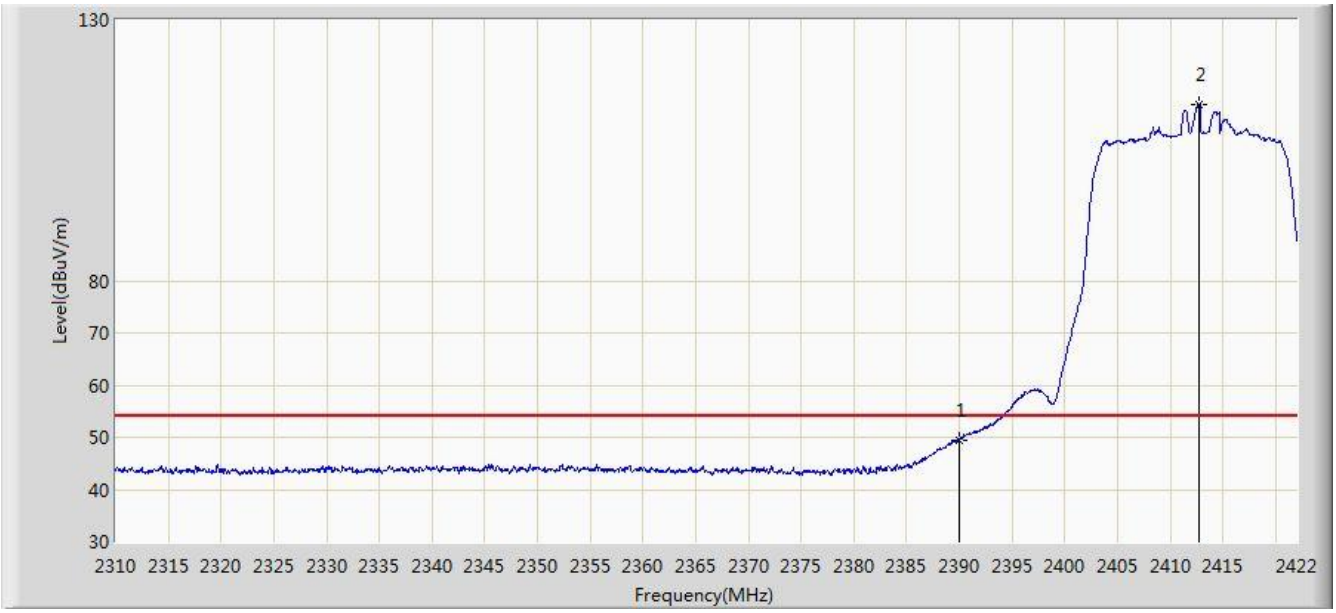


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.072	72.673	40.117	-1.327	74.000	32.556	PK
2			2390.000	72.427	39.873	-1.573	74.000	32.554	PK
3			2415.280	122.010	89.488	N/A	N/A	32.522	PK

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

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

Site: AC1	Time: 2018/03/05 - 15:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0 + 1 (Beam-Forming Mode)	

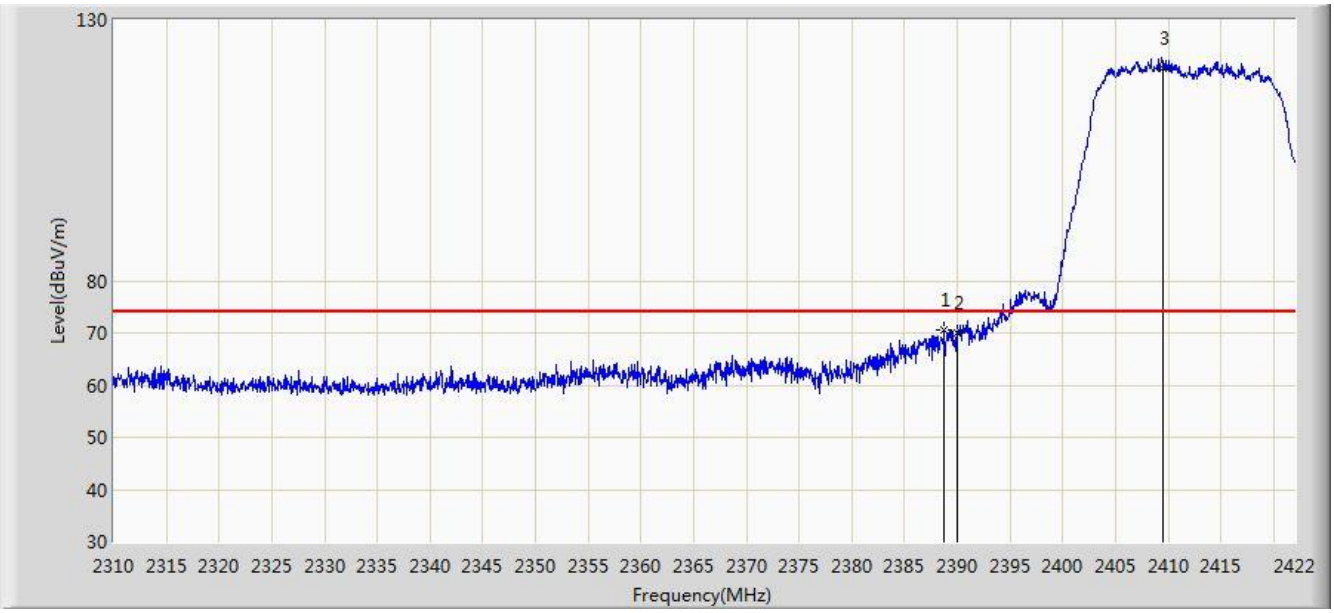


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	49.513	16.959	-4.487	54.000	32.554	AV
2			2412.760	113.786	81.261	N/A	N/A	32.525	AV

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

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

Site: AC1	Time: 2018/03/05 - 14:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0 + 1 (Beam-Forming Mode)	

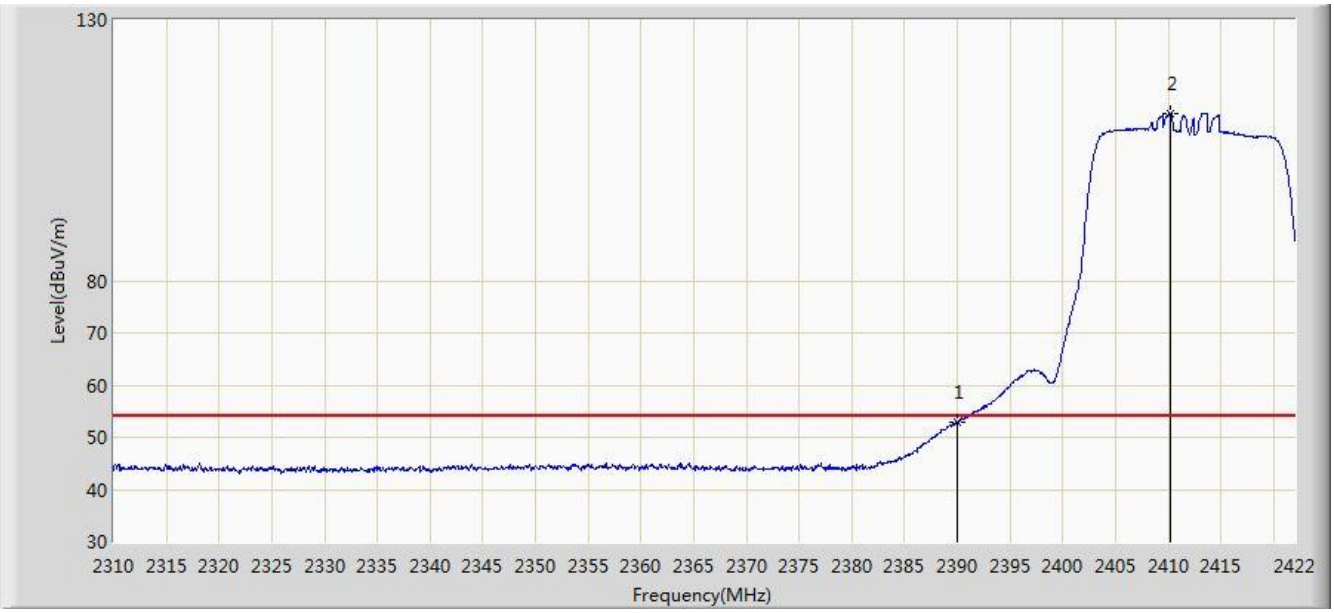


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.736	70.721	38.165	-3.279	74.000	32.557	PK
2			2390.000	69.893	37.339	-4.107	74.000	32.554	PK
3			2409.456	120.719	88.190	N/A	N/A	32.529	PK

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

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

Site: AC1	Time: 2018/03/05 - 14:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0 + 1 (Beam-Forming Mode)	

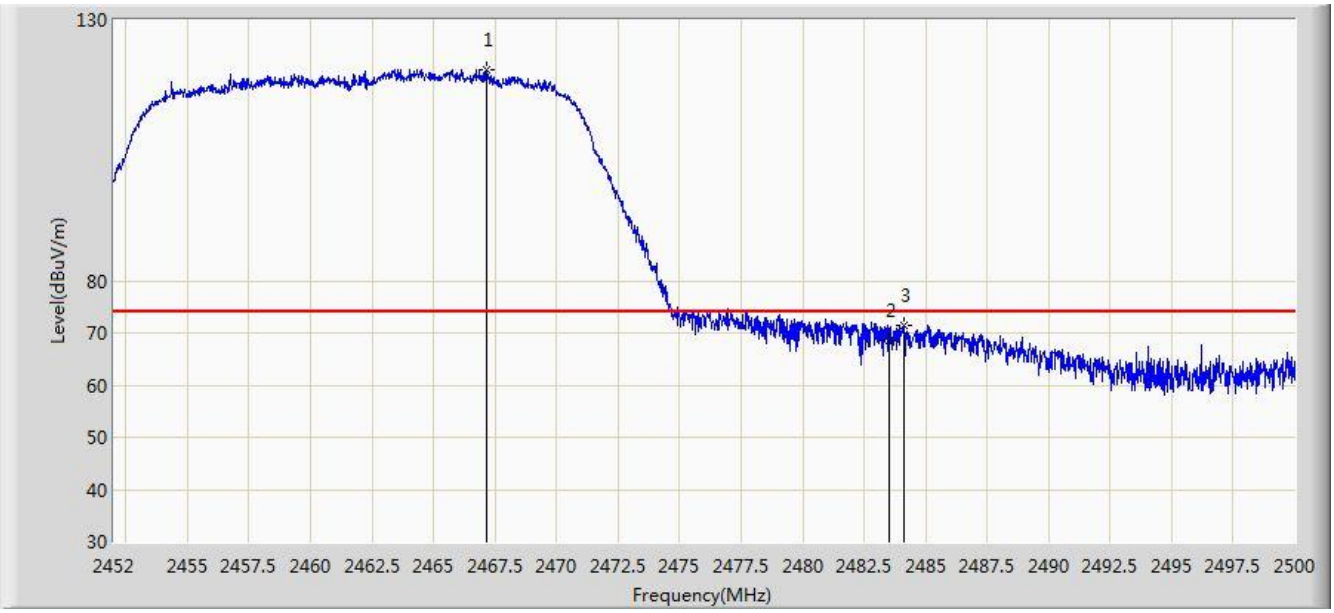


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.938	20.384	-1.062	54.000	32.554	AV
2			2410.240	112.148	79.620	N/A	N/A	32.528	AV

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

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

Site: AC1	Time: 2018/03/05 - 15:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (Beam-Forming Mode)	

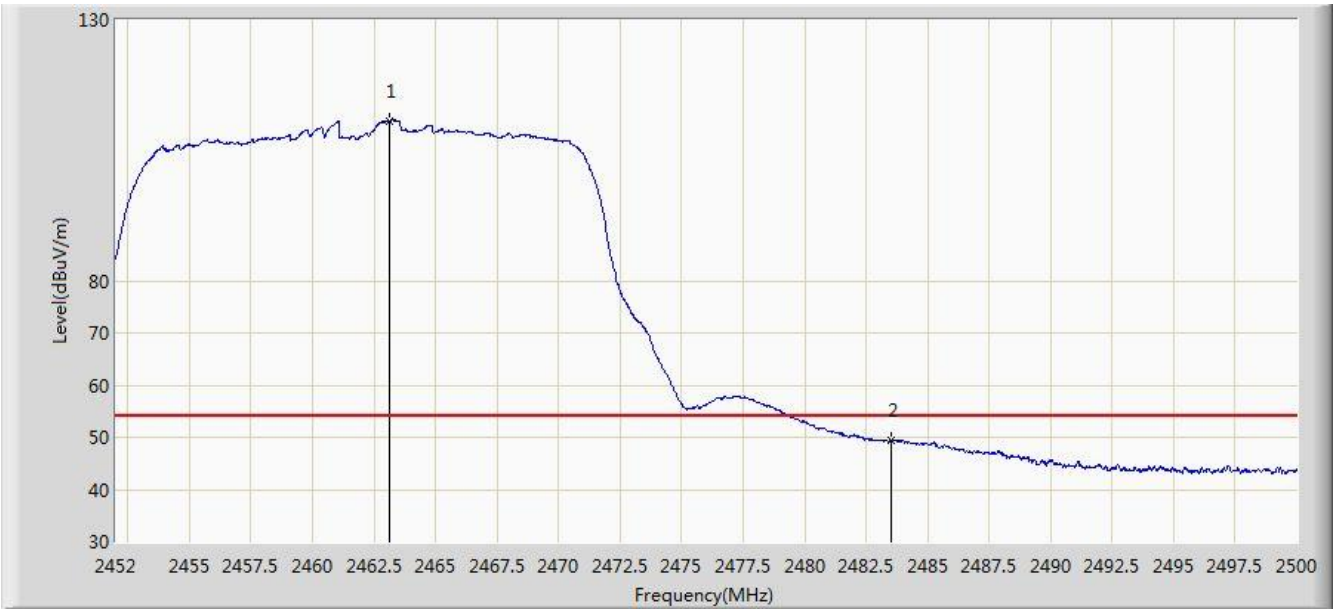


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2467.168	120.544	88.012	N/A	N/A	32.531	PK
2			2483.500	68.568	35.987	-5.432	74.000	32.580	PK
3			2484.112	71.572	38.990	-2.428	74.000	32.582	PK

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

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

Site: AC1	Time: 2018/03/05 - 15:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (Beam-Forming Mode)	

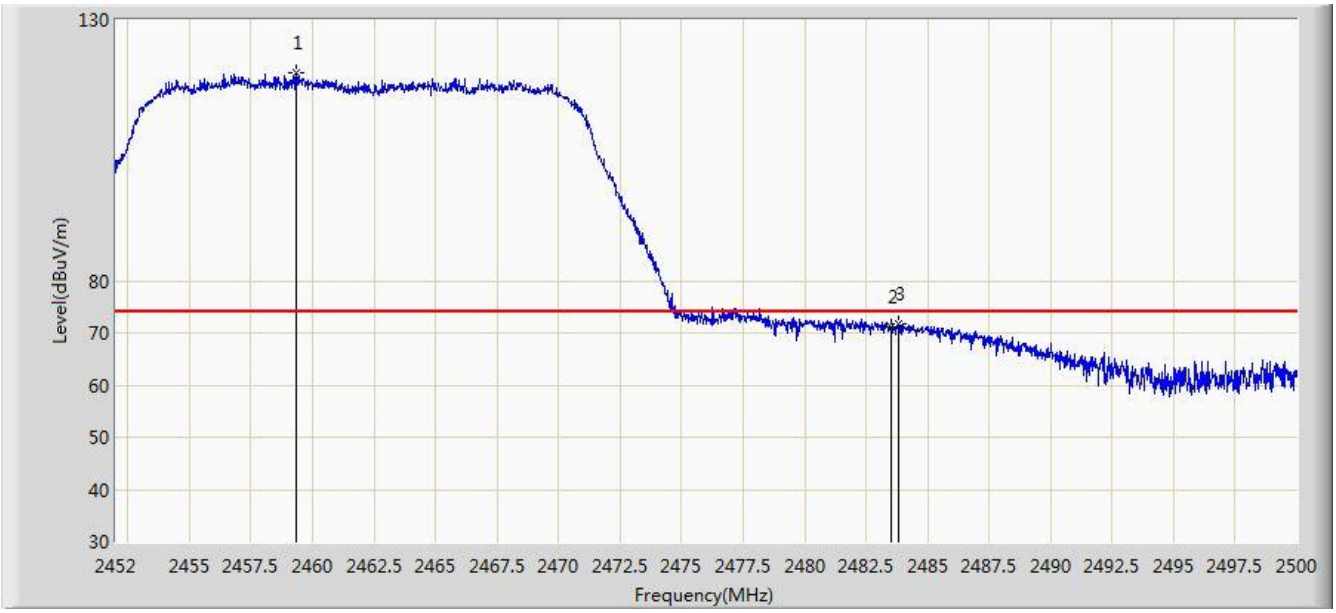


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2463.112	110.686	78.166	N/A	N/A	32.520	AV
2			2483.500	49.466	16.885	-4.534	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/05 - 15:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (Beam-Forming Mode)	

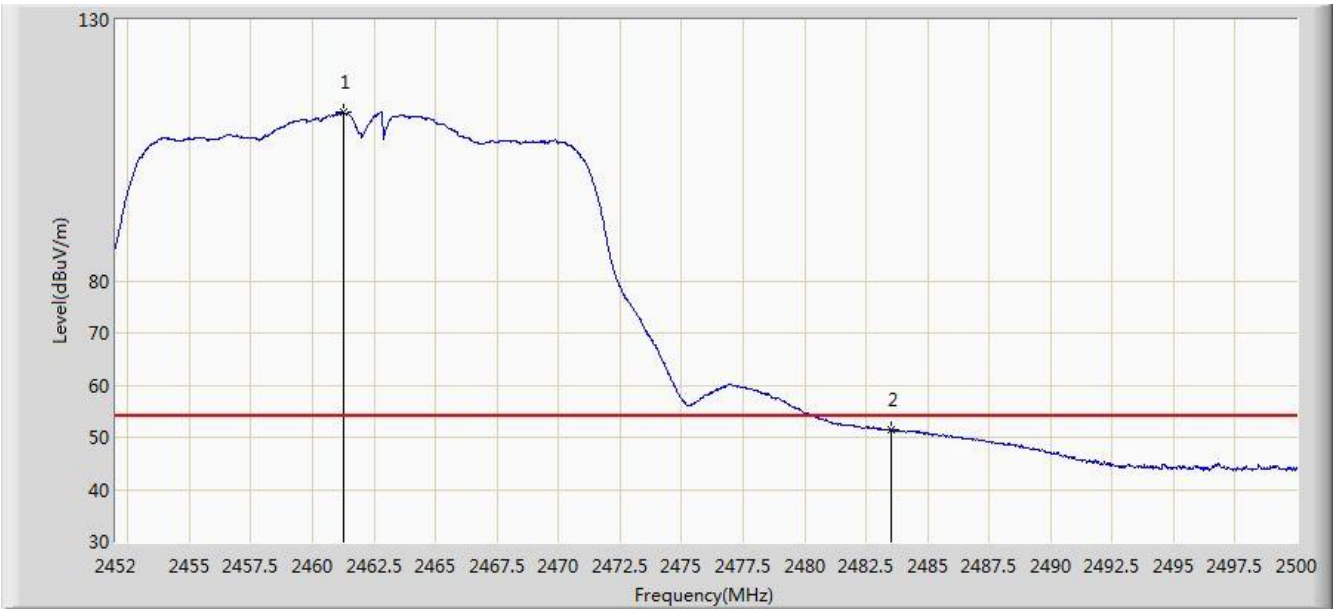


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2459.368	119.958	87.446	N/A	N/A	32.511	PK
2			2483.500	71.270	38.689	-2.730	74.000	32.580	PK
3			2483.848	71.876	39.294	-2.124	74.000	32.582	PK

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

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

Site: AC1	Time: 2018/03/05 - 15:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (Beam-Forming Mode)	

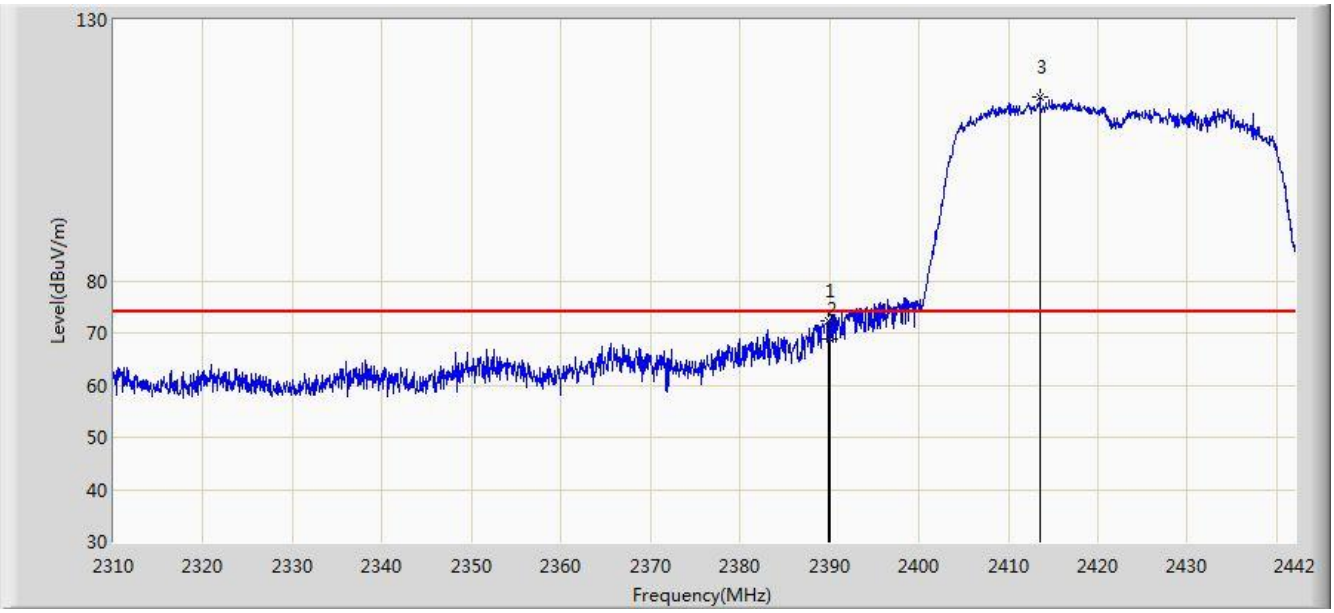


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2461.288	112.382	79.867	N/A	N/A	32.515	AV
2			2483.500	51.432	18.851	-2.568	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/05 - 16:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (Beam-Forming Mode)	

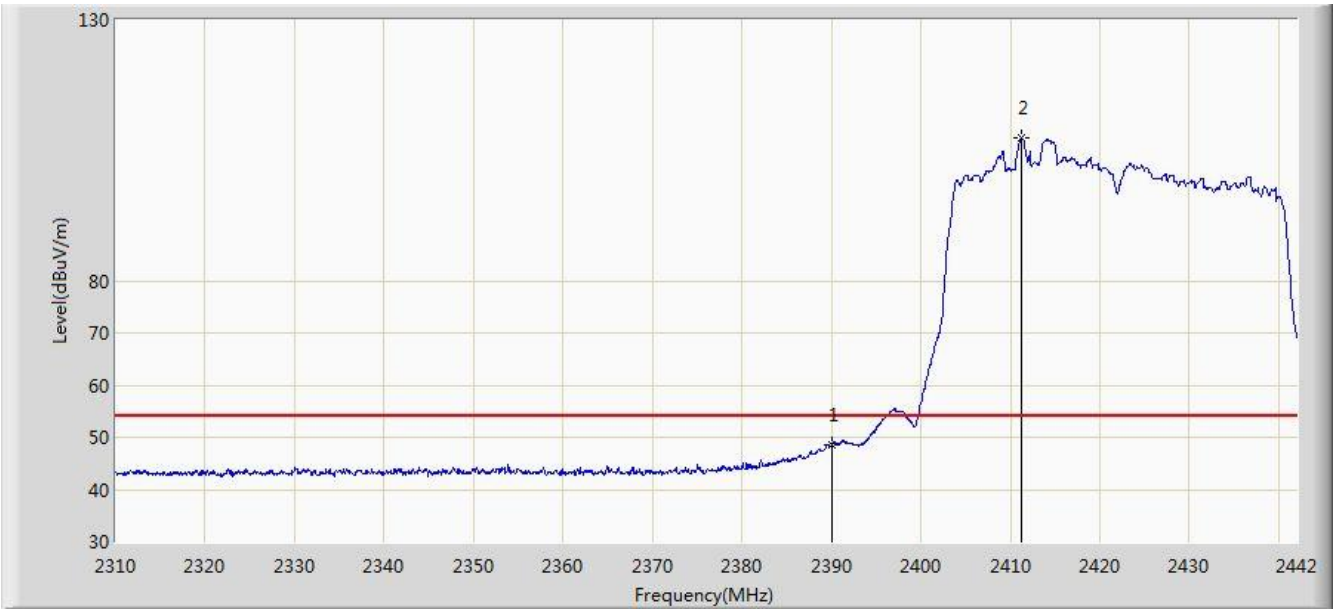


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.926	72.440	39.885	-1.560	74.000	32.555	PK
2			2390.000	68.834	36.280	-5.166	74.000	32.554	PK
3			2413.554	115.314	82.790	N/A	N/A	32.524	PK

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

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

Site: AC1	Time: 2018/03/05 - 16:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (Beam-Forming Mode)	

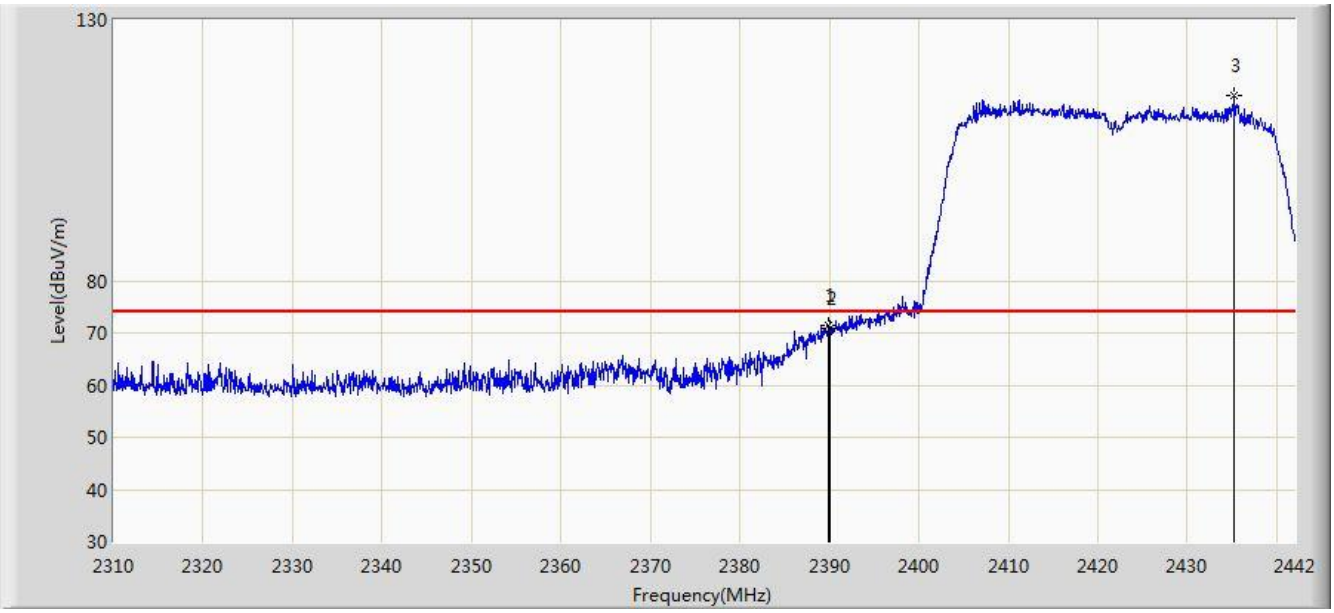


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.481	15.927	-5.519	54.000	32.554	AV
2			2411.310	107.249	74.723	N/A	N/A	32.526	AV

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

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

Site: AC1	Time: 2018/03/05 - 15:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (Beam-Forming Mode)	

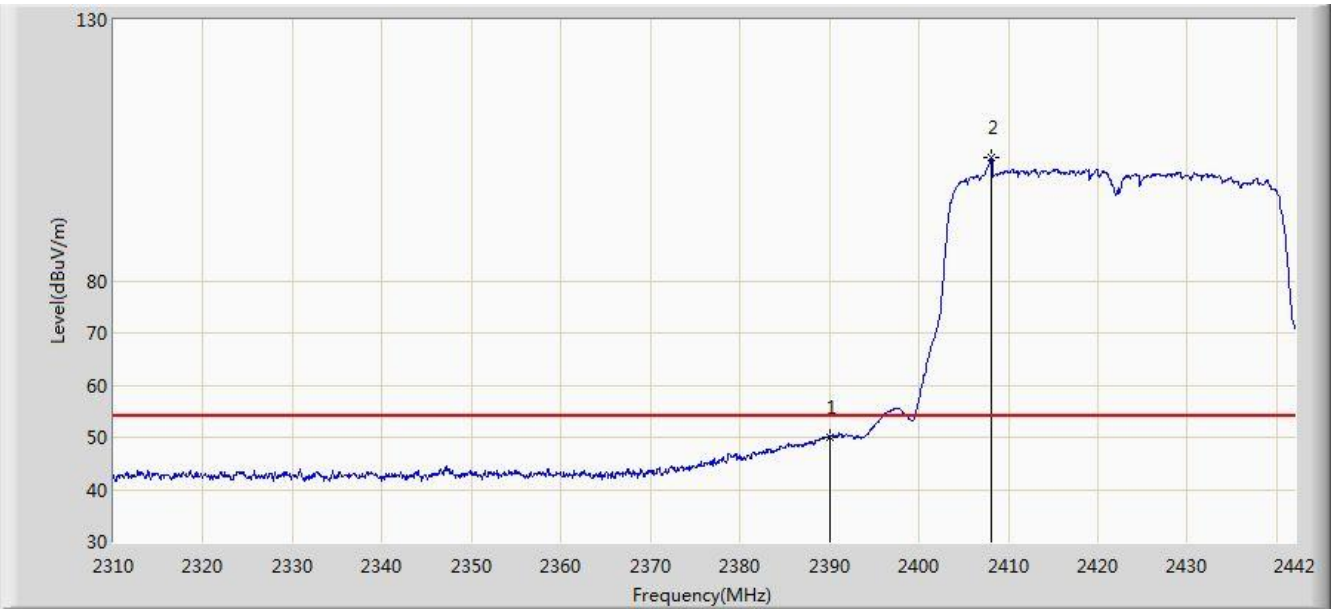


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.860	71.456	38.901	-2.544	74.000	32.555	PK
2			2390.000	70.988	38.434	-3.012	74.000	32.554	PK
3			2435.202	115.593	83.095	N/A	N/A	32.498	PK

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

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

Site: AC1	Time: 2018/03/05 - 15:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (Beam-Forming Mode)	

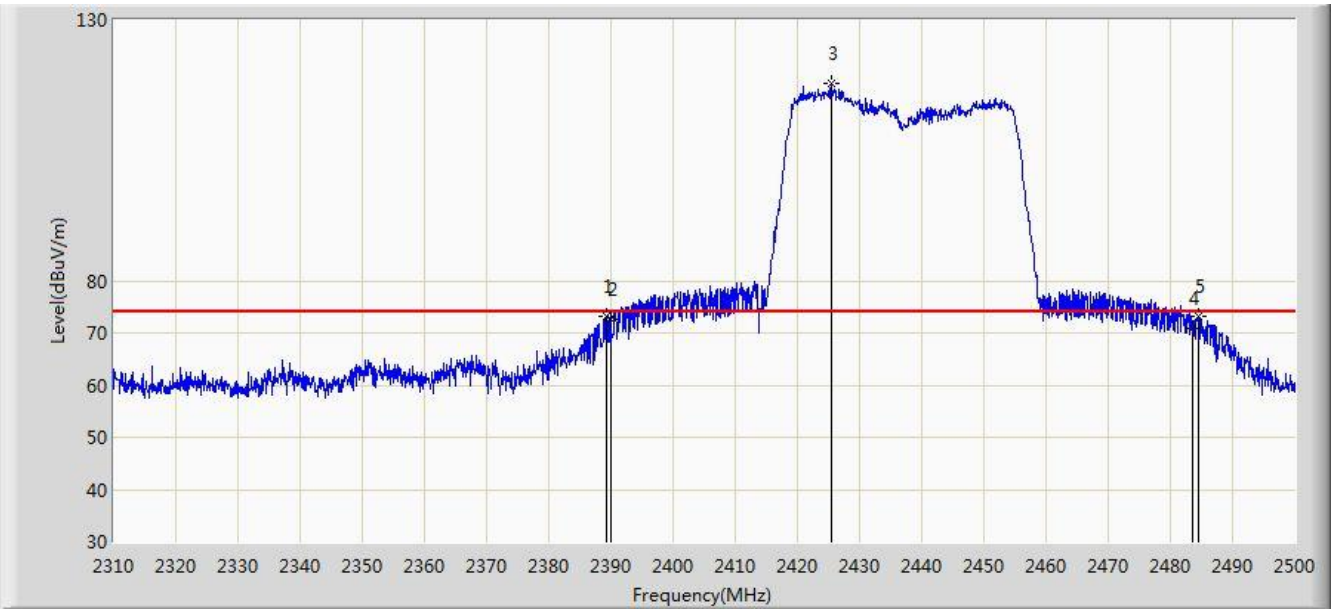


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	49.907	17.353	-4.093	54.000	32.554	AV
2			2408.142	103.627	71.096	N/A	N/A	32.530	AV

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

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

Site: AC1	Time: 2018/03/05 - 16:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz Ant 0 + 1 (Beam-Forming Mode)	

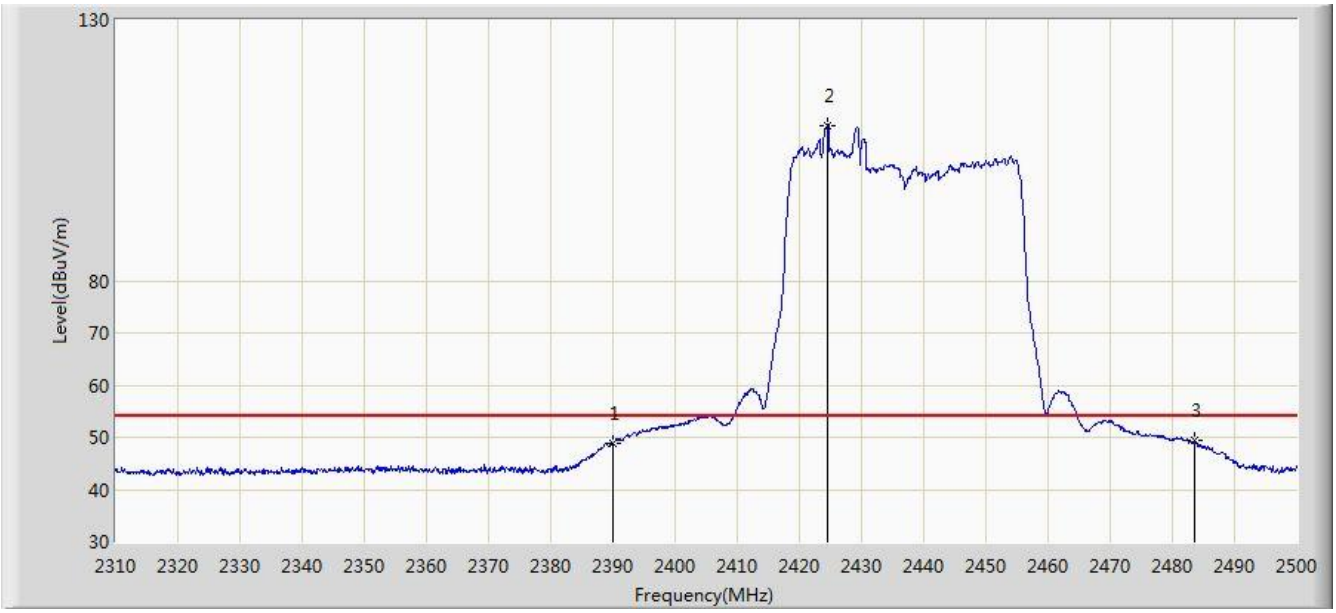


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.325	73.190	40.635	-0.810	74.000	32.555	PK
2			2390.000	72.547	39.993	-1.453	74.000	32.554	PK
3			2425.425	117.727	85.217	N/A	N/A	32.509	PK
4			2483.500	70.790	38.209	-3.210	74.000	32.580	PK
5			2484.515	73.224	40.640	-0.776	74.000	32.584	PK

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

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

Site: AC1	Time: 2018/03/05 - 16:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz Ant 0 + 1 (Beam-Forming Mode)	

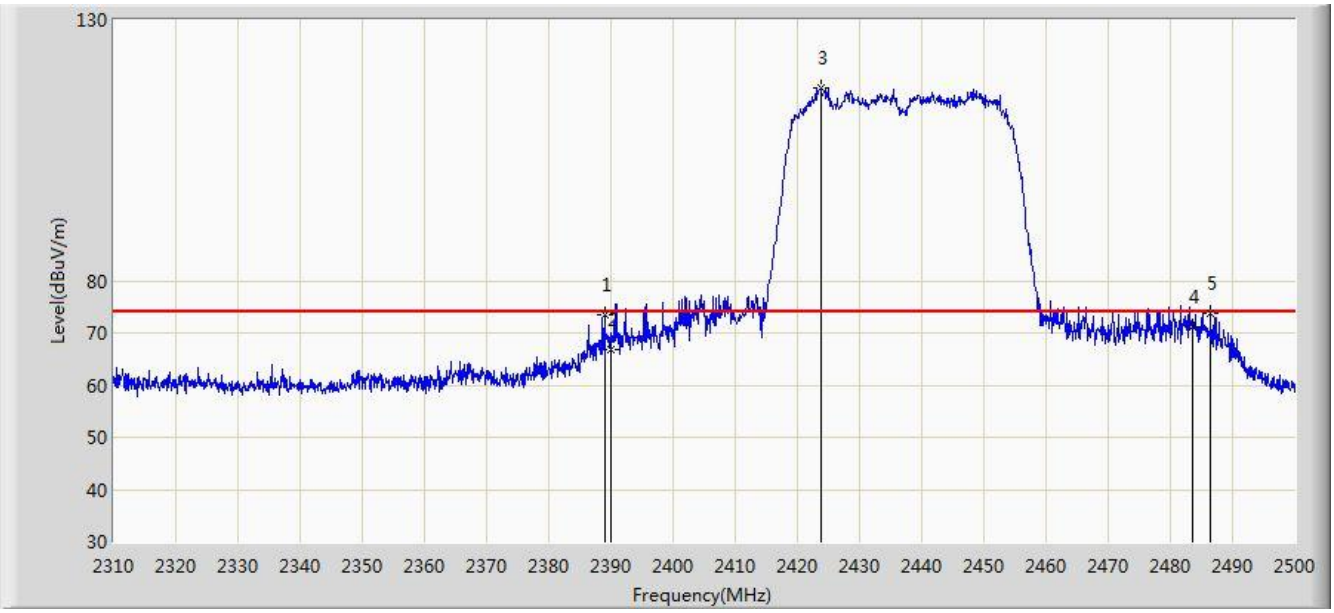


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	48.876	16.322	-5.124	54.000	32.554	AV
2			2424.475	109.697	77.186	N/A	N/A	32.511	AV
3			2483.500	49.306	16.725	-4.694	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/05 - 16:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz Ant 0 + 1 (Beam-Forming Mode)	

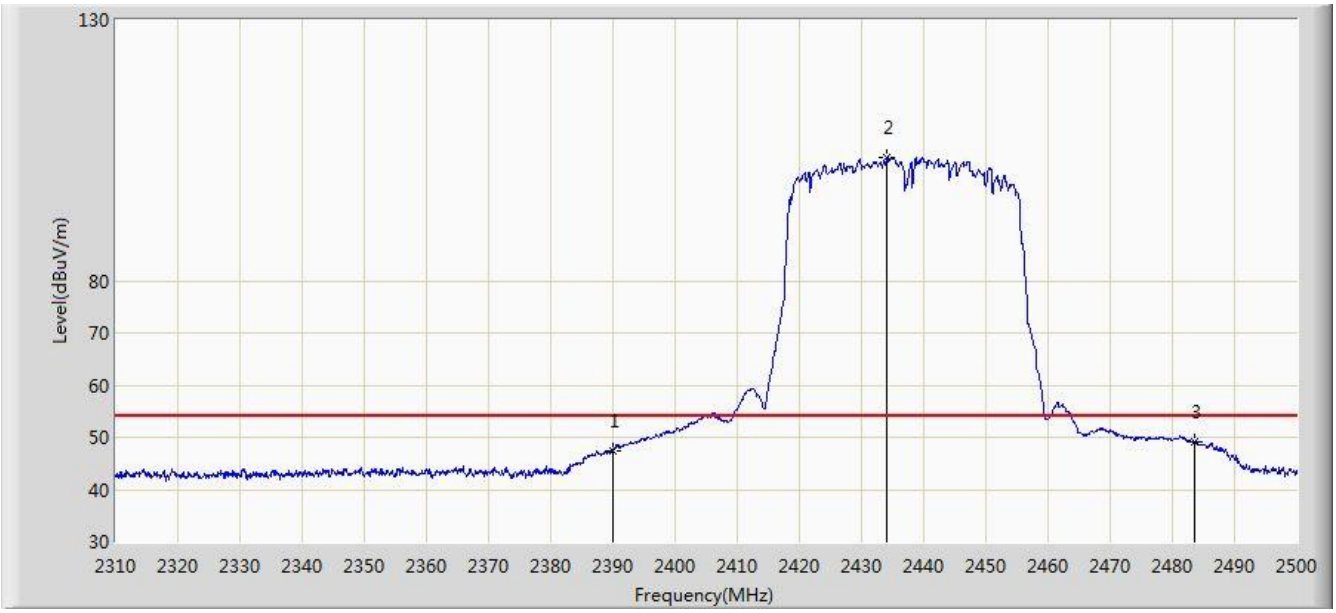


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.040	73.524	40.968	-0.476	74.000	32.556	PK
2			2390.000	66.772	34.218	-7.228	74.000	32.554	PK
3			2423.715	117.095	84.583	N/A	N/A	32.511	PK
4			2483.500	71.252	38.671	-2.748	74.000	32.580	PK
5			2486.510	73.649	41.059	-0.351	74.000	32.590	PK

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

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

Site: AC1	Time: 2018/03/05 - 16:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz Ant 0 + 1 (Beam-Forming Mode)	

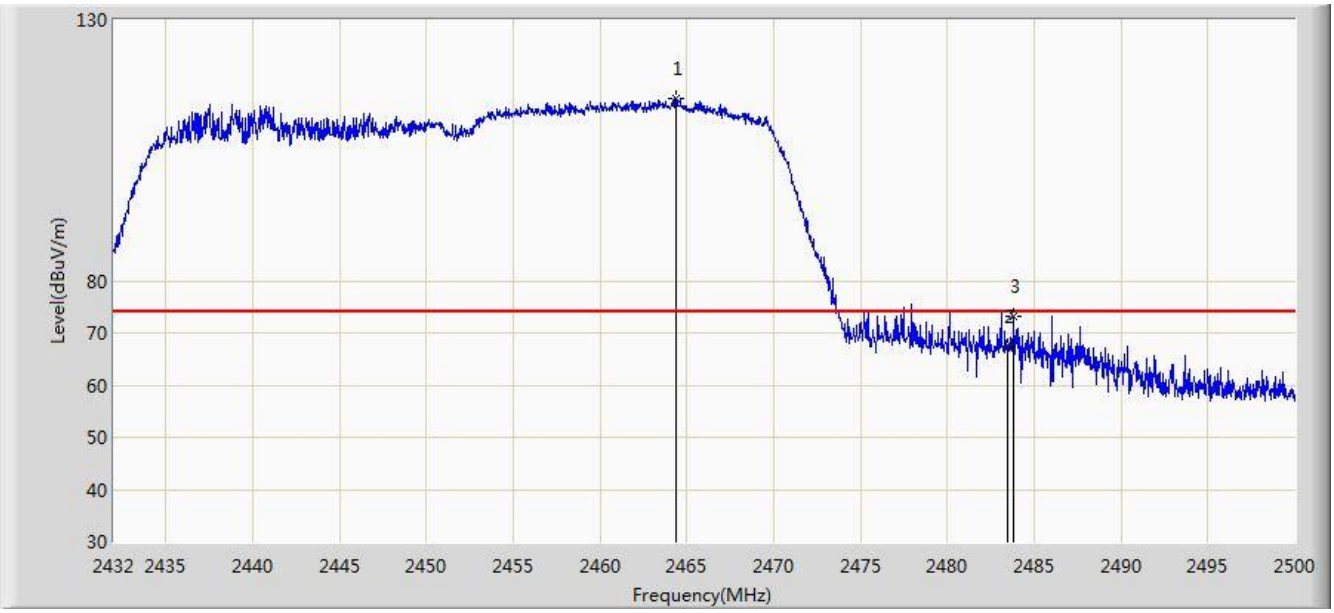


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	47.531	14.977	-6.469	54.000	32.554	AV
2			2434.165	103.606	71.107	N/A	N/A	32.499	AV
3			2483.500	49.204	16.623	-4.796	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/05 - 15:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0 + 1 (Beam-Forming Mode)	

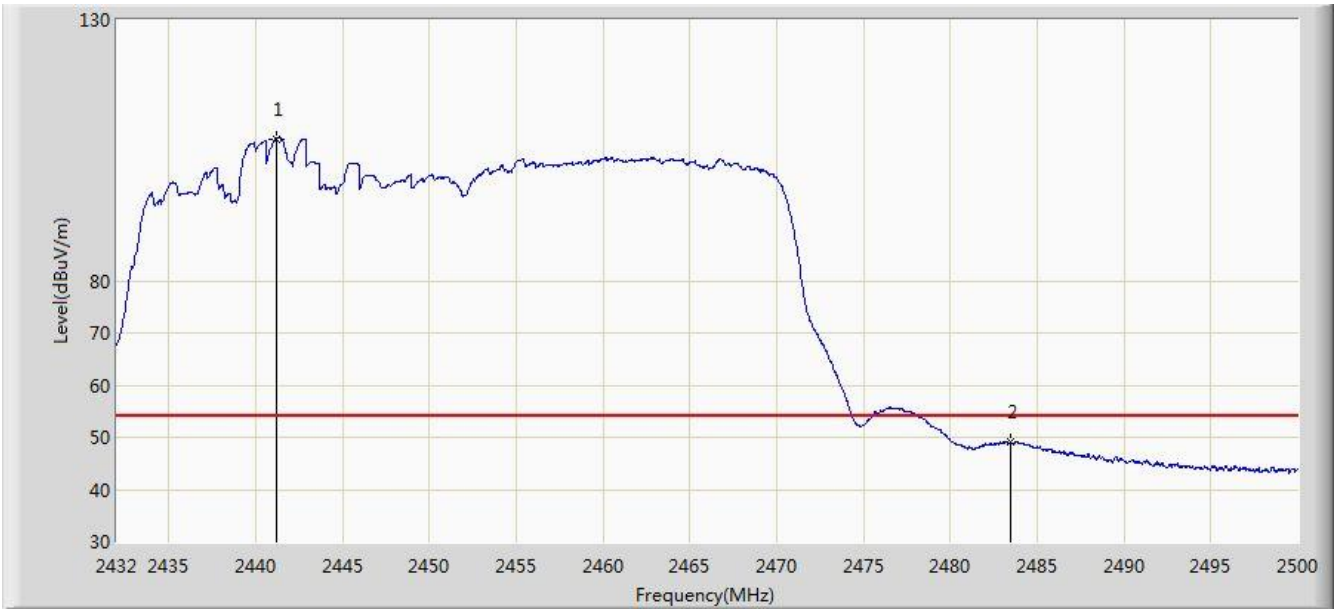


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2464.402	114.949	82.426	N/A	N/A	32.523	PK
2			2483.500	67.254	34.673	-6.746	74.000	32.580	PK
3			2483.850	73.149	40.567	-0.851	74.000	32.582	PK

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

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

Site: AC1	Time: 2018/03/05 - 15:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0 + 1 (Beam-Forming Mode)	

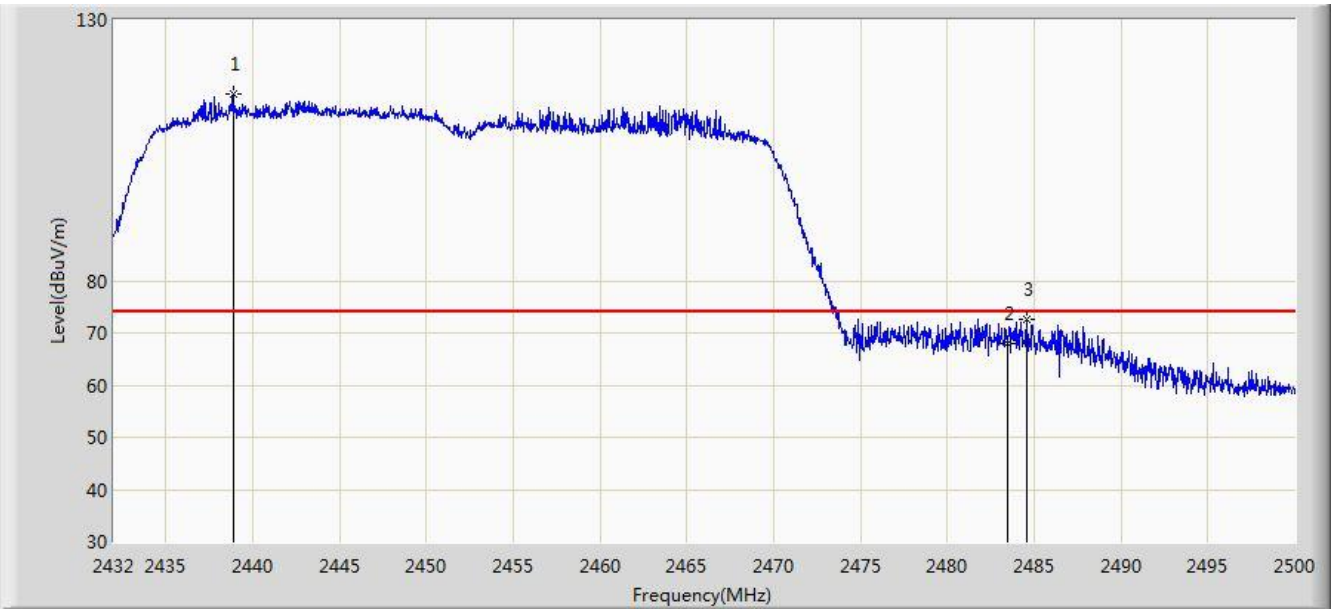


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2441.180	107.218	74.727	N/A	N/A	32.491	AV
2			2483.500	48.995	16.414	-5.005	54.000	32.580	AV

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

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

Site: AC1	Time: 2018/03/05 - 15:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0 + 1 (Beam-Forming Mode)	

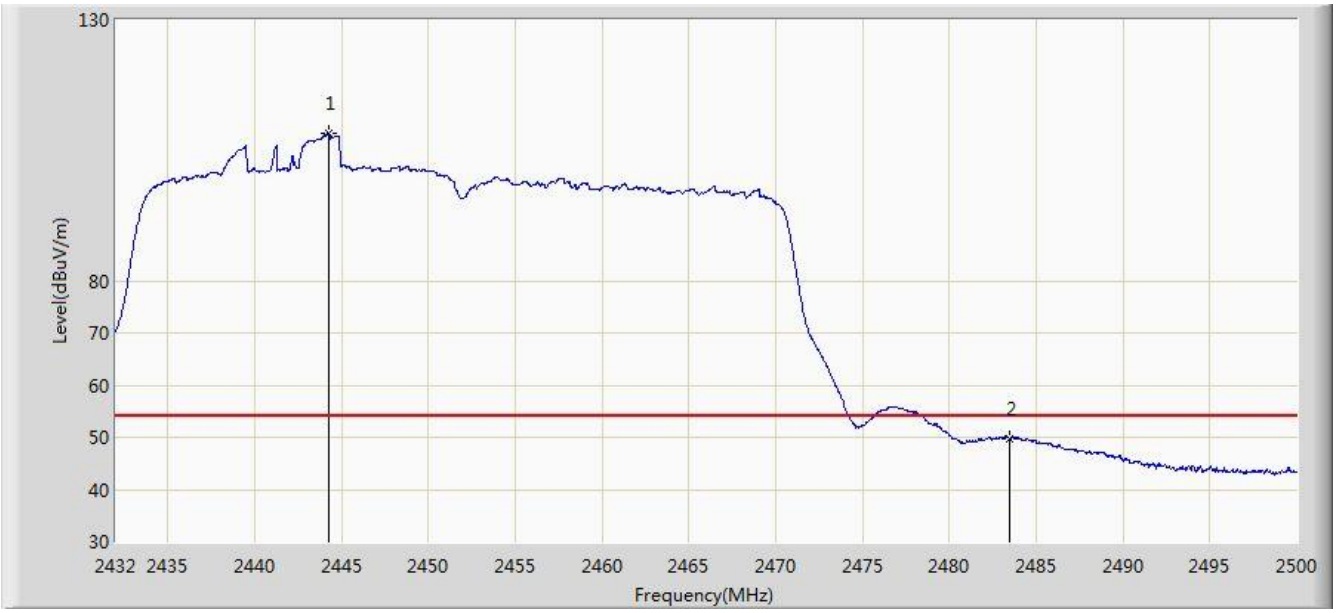


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2438.902	115.917	83.423	N/A	N/A	32.494	PK
2			2483.500	67.997	35.416	-6.003	74.000	32.580	PK
3			2484.598	72.647	40.063	-1.353	74.000	32.584	PK

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

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

Site: AC1	Time: 2018/03/05 - 15:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT - Directional Antenna (ANT-2x2-2314)	Power: POE (DC 57V)
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0 + 1 (Beam-Forming Mode)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2444.274	108.151	75.664	N/A	N/A	32.487	AV
2			2483.500	49.787	17.206	-4.213	54.000	32.580	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

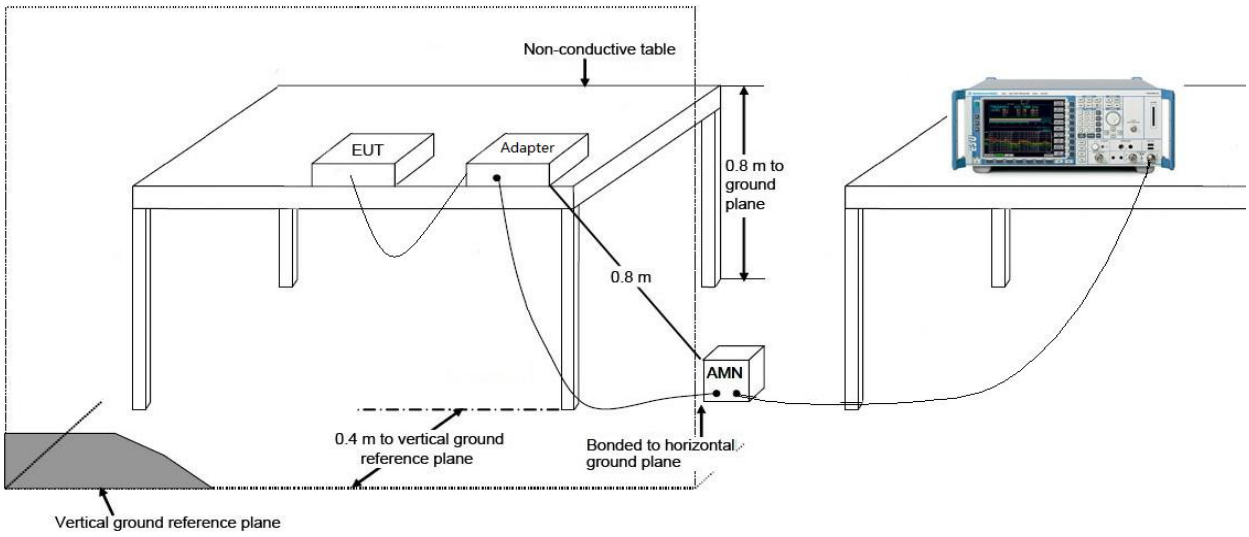
7.8.1.Test Limit

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.

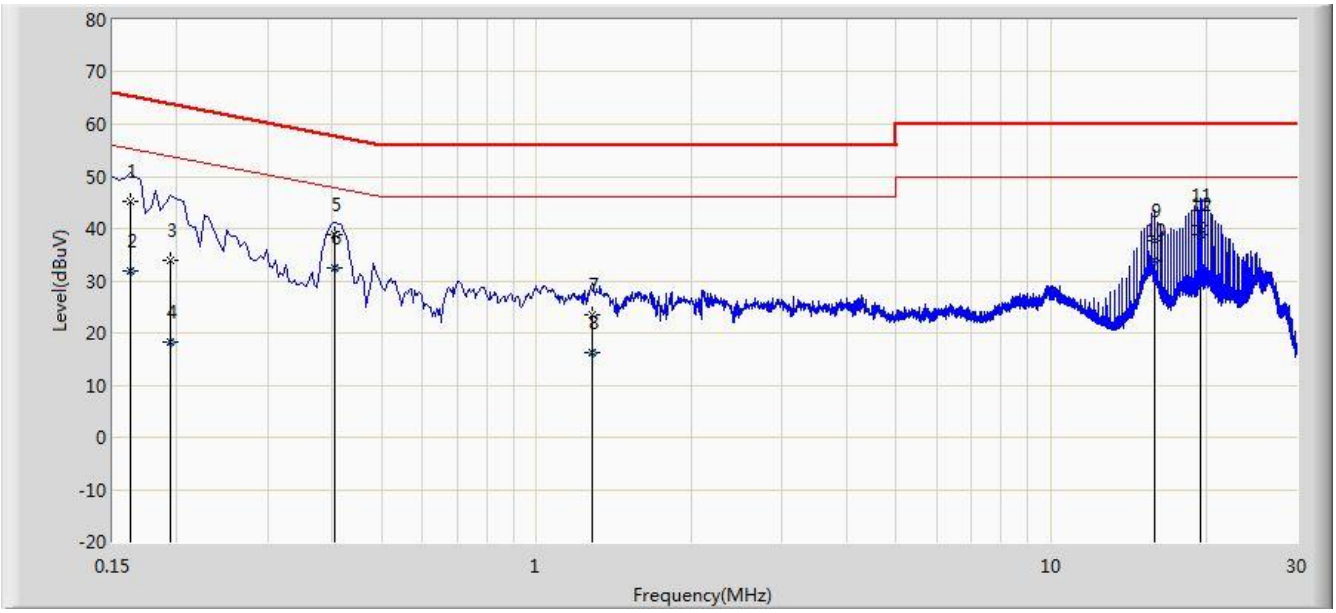
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2.Test Setup



7.8.3.Test Result

Site: SR2	Time: 2018/03/08 - 16:17
Limit: FCC_Part15.207_CE	Engineer: Kevin Ker
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: ACCESS POINT	Power: Powered by POE Adapter
Test Mode 1	

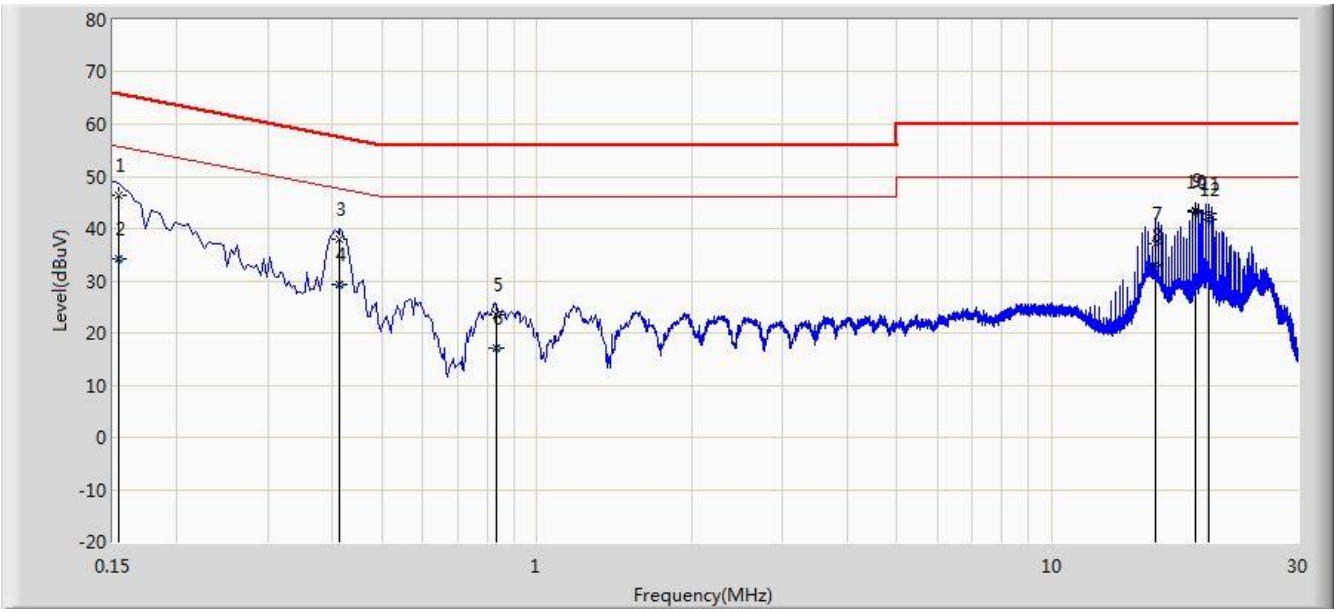


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.162	45.313	35.216	-20.048	65.361	10.097	QP
2			0.162	31.791	21.694	-23.570	55.361	10.097	AV
3			0.194	33.975	23.958	-29.888	63.864	10.017	QP
4			0.194	18.142	8.125	-35.722	53.864	10.017	AV
5			0.406	38.918	28.828	-18.812	57.730	10.090	QP
6			0.406	32.577	22.487	-15.152	47.730	10.090	AV
7			1.282	23.476	13.578	-32.524	56.000	9.898	QP
8			1.282	16.376	6.478	-29.624	46.000	9.898	AV
9			15.886	37.631	27.567	-22.369	60.000	10.065	QP
10			15.886	33.948	23.883	-16.052	50.000	10.065	AV
11			19.442	40.445	30.314	-19.555	60.000	10.131	QP
12		*	19.442	38.792	28.661	-11.208	50.000	10.131	AV

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

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

Site: SR2	Time: 2018/03/08 - 16:25
Limit: FCC_Part15.207_CE	Engineer: Kevin Ker
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: ACCESS POINT	Power: Powered by POE Adapter
Test Mode 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.154	46.514	35.799	-19.267	65.781	10.716	QP
2			0.154	34.262	23.546	-21.520	55.781	10.716	AV
3			0.414	38.029	27.906	-19.539	57.568	10.123	QP
4			0.414	29.162	19.039	-18.406	47.568	10.123	AV
5			0.834	23.587	13.586	-32.413	56.000	10.001	QP
6			0.834	17.001	7.001	-28.999	46.000	10.001	AV
7			15.890	37.068	26.957	-22.932	60.000	10.111	QP
8			15.890	32.921	22.810	-17.079	50.000	10.111	AV
9			18.970	43.620	33.472	-16.380	60.000	10.147	QP
10		*	18.970	43.301	33.154	-6.699	50.000	10.147	AV
11			20.158	42.999	32.828	-17.001	60.000	10.171	QP
12			20.158	41.775	31.604	-8.225	50.000	10.171	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 **ACCESS POINT FCC ID:**

Q9DAPIN0318 is in compliance with Part 15C of the FCC Rules.

The End