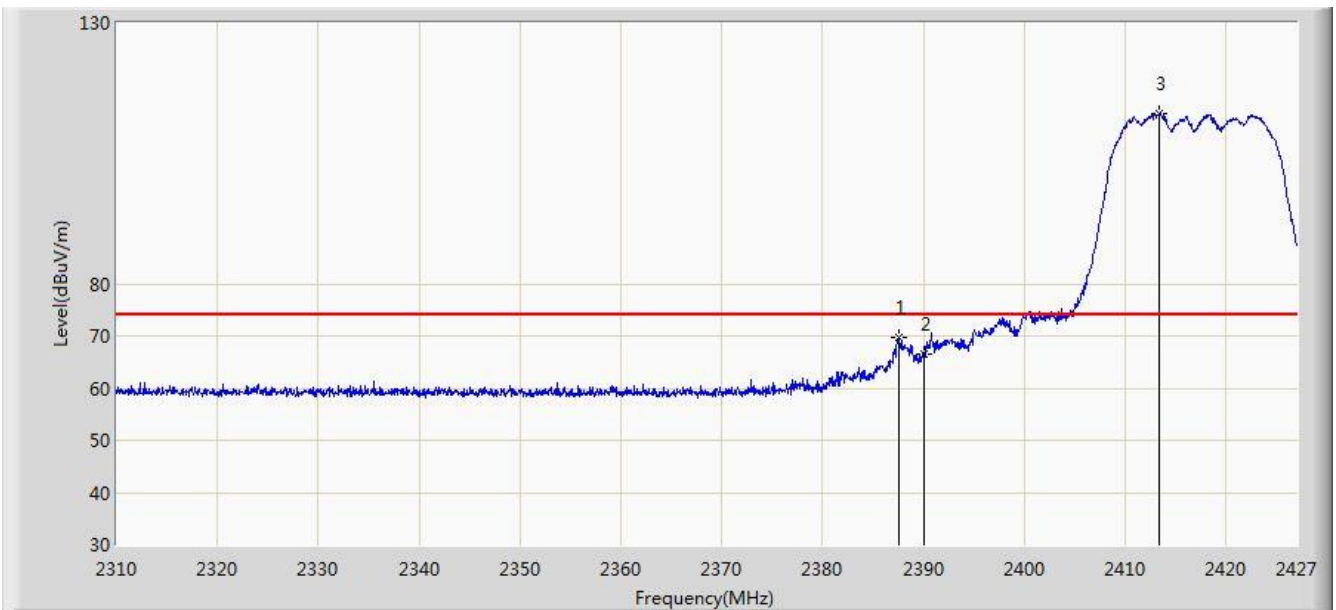


Site: AC1	Time: 2017/11/18 - 02:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11g at Channel 2417MHz Ant 0 + 1 (CDD Mode)	

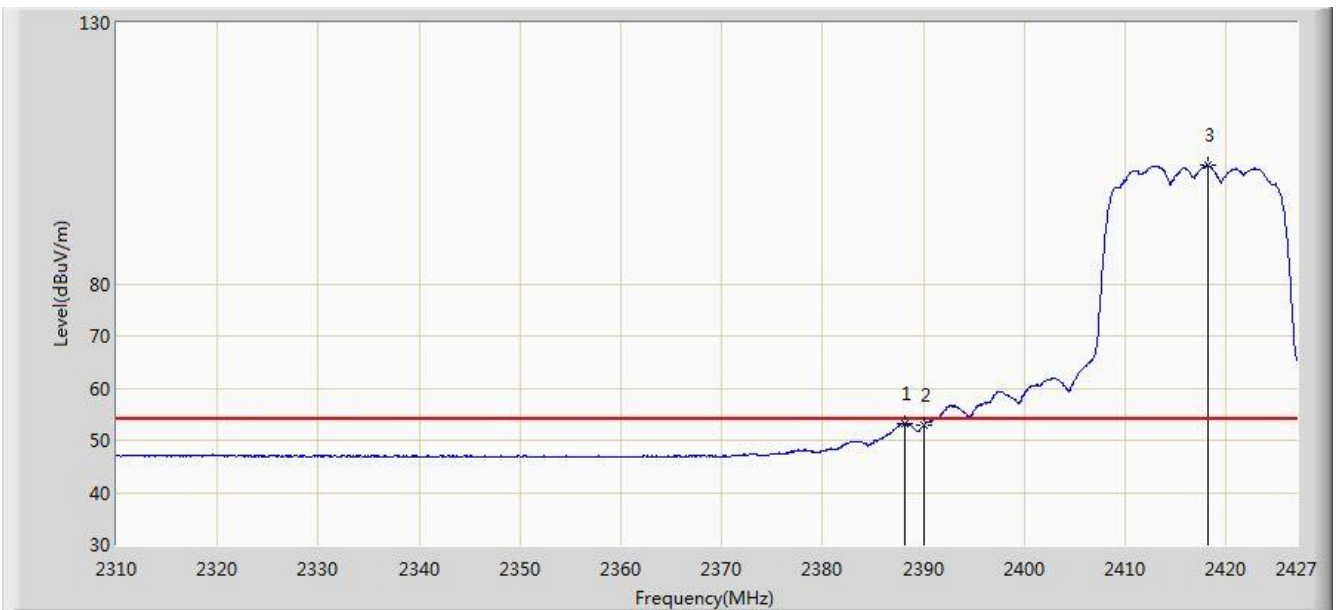


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.512	69.626	37.068	-4.374	74.000	32.558	PK
2			2390.000	66.440	33.886	-7.560	74.000	32.554	PK
3		*	2413.428	112.749	80.225	N/A	N/A	32.524	PK

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

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

Site: AC1	Time: 2017/11/18 - 02:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11g at Channel 2417MHz Ant 0 + 1 (CDD Mode)	

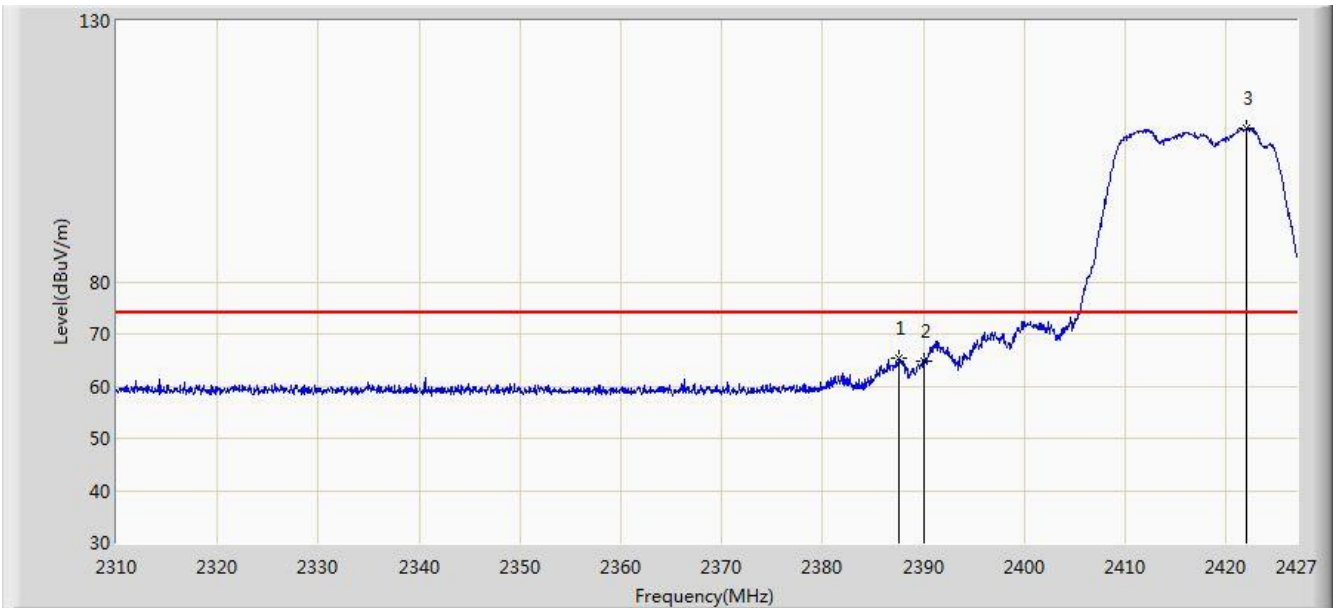


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.156	53.262	20.705	-0.738	54.000	32.557	AV
2			2390.000	52.825	20.271	-1.175	54.000	32.554	AV
3		*	2418.167	102.691	70.173	N/A	N/A	32.519	AV

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

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

Site: AC1	Time: 2017/11/18 - 02:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11g at Channel 2417MHz Ant 0 + 1 (CDD Mode)	

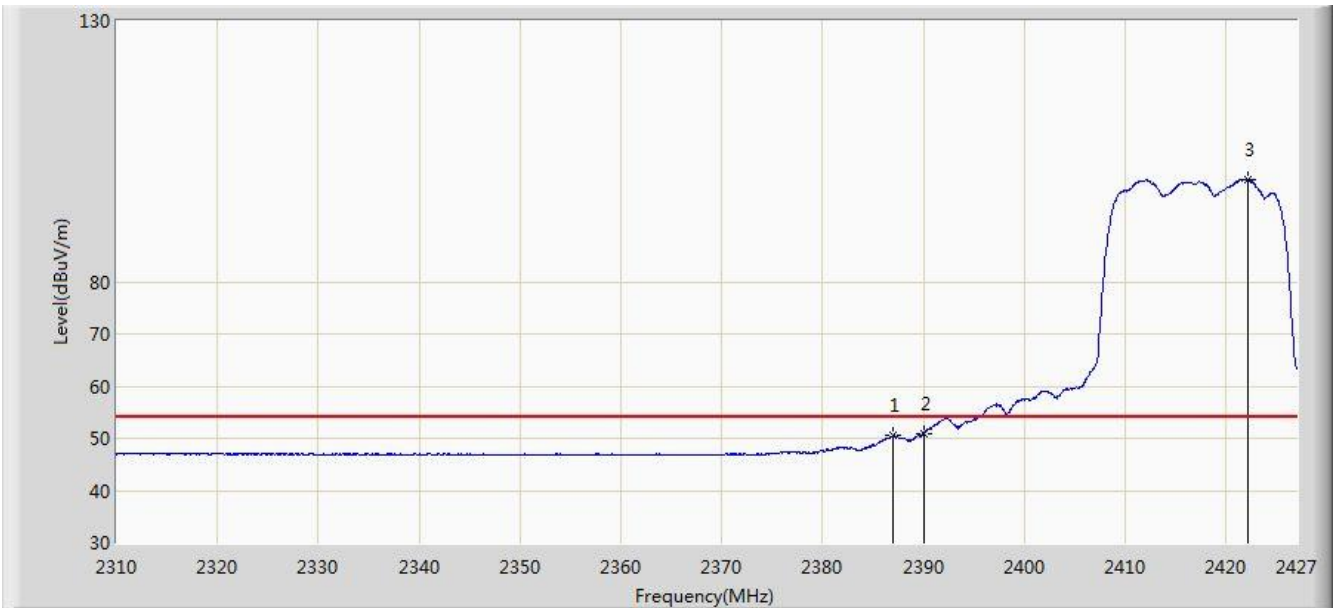


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.512	65.446	32.888	-8.554	74.000	32.558	PK
2			2390.000	64.845	32.291	-9.155	74.000	32.554	PK
3		*	2422.028	109.381	76.867	N/A	N/A	32.513	PK

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

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

Site: AC1	Time: 2017/11/18 - 02:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11g at Channel 2417MHz Ant 0 + 1 (CDD Mode)	

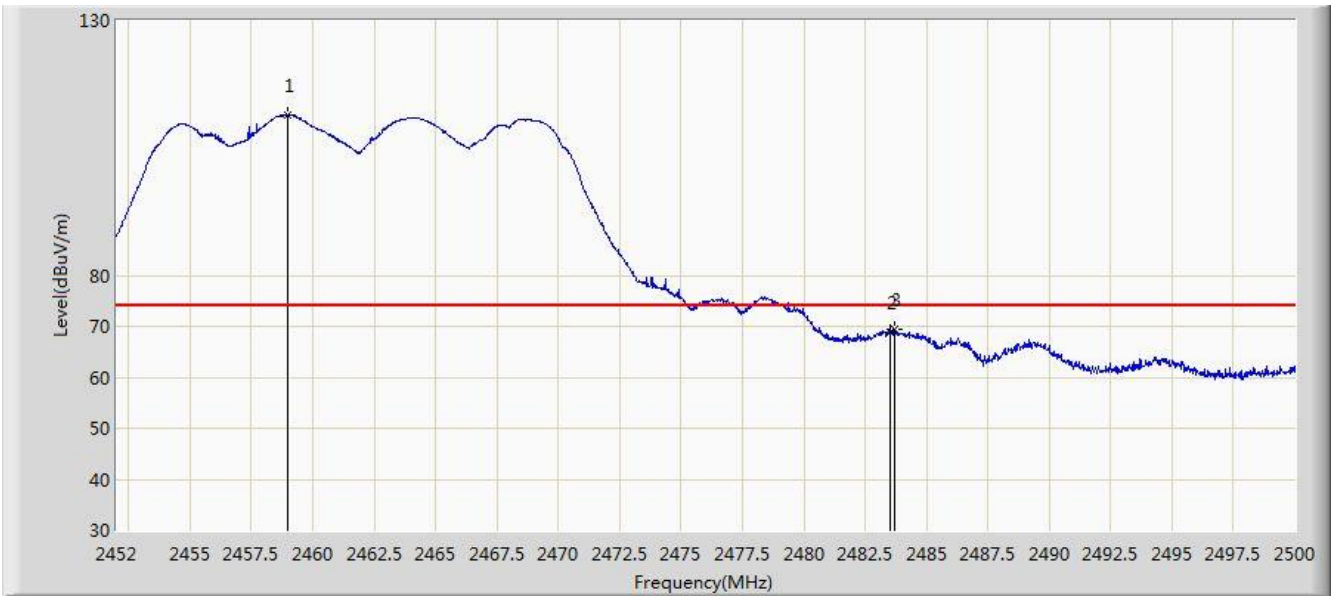


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.044	50.648	18.090	-3.352	54.000	32.558	AV
2			2390.000	50.939	18.385	-3.061	54.000	32.554	AV
3		*	2422.145	99.664	67.150	N/A	N/A	32.513	AV

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

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

Site: AC1	Time: 2017/10/17 - 17:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

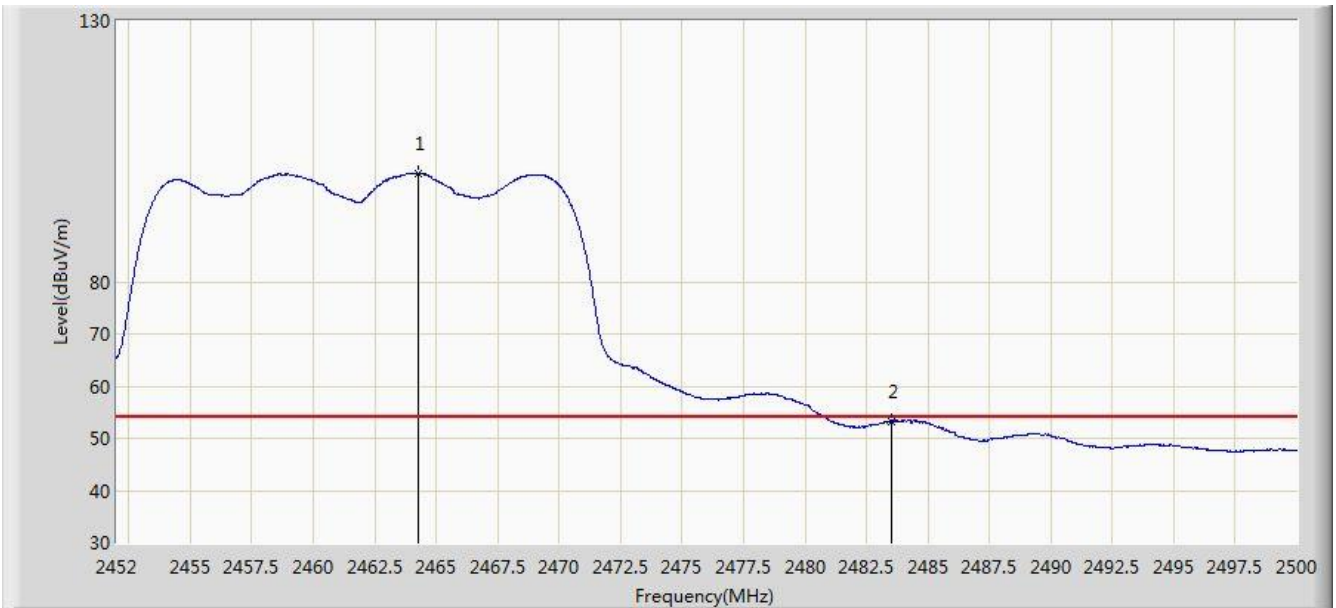


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2458.984	111.524	79.013	N/A	N/A	32.511	PK
2			2483.500	68.845	36.264	-5.155	74.000	32.580	PK
3			2483.680	69.323	36.742	-4.677	74.000	32.582	PK

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

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

Site: AC1	Time: 2017/10/17 - 17:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

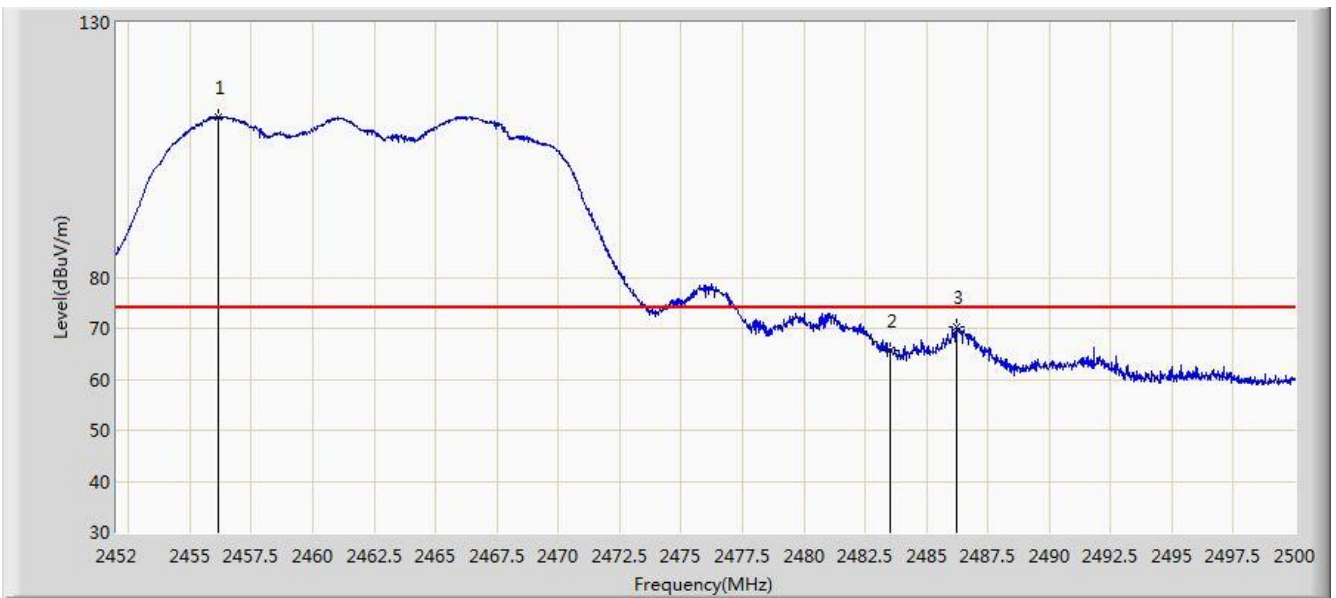


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2464.288	100.815	68.292	N/A	N/A	32.523	AV
2			2483.500	53.295	20.714	-0.705	54.000	32.580	AV

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

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

Site: AC1	Time: 2017/10/17 - 17:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

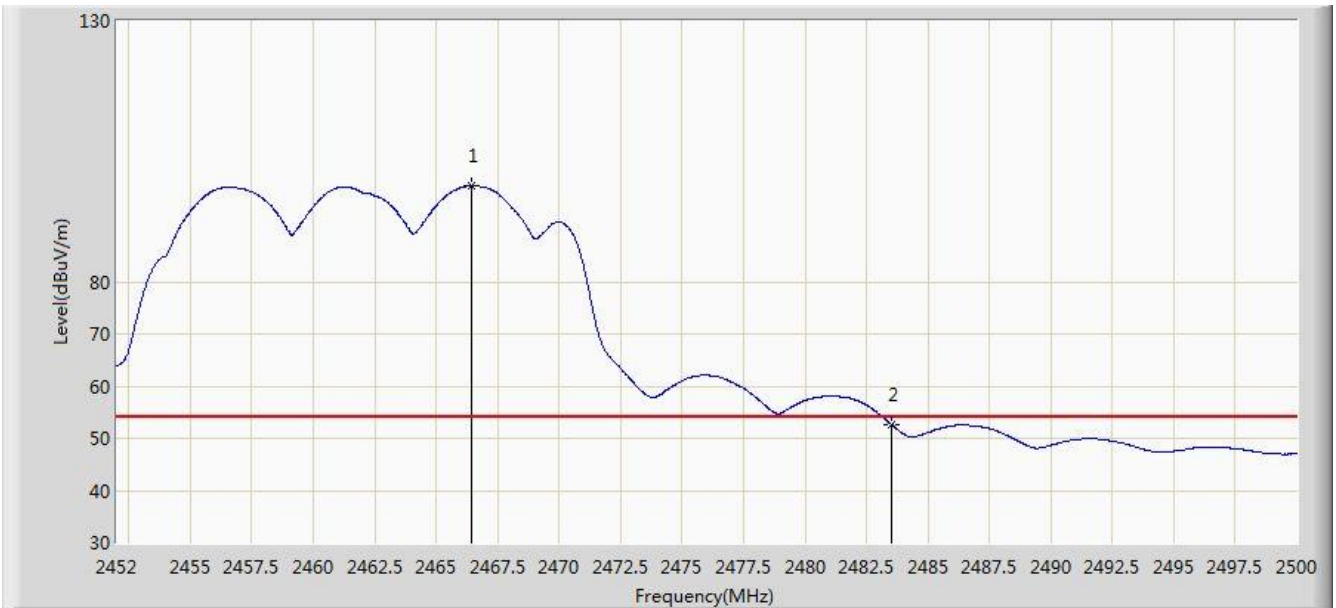


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2456.128	111.569	79.063	N/A	N/A	32.506	PK
2			2483.500	65.563	32.982	-8.437	74.000	32.580	PK
3			2486.224	70.223	37.634	-3.777	74.000	32.589	PK

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

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

Site: AC1	Time: 2017/10/17 - 17:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11g at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

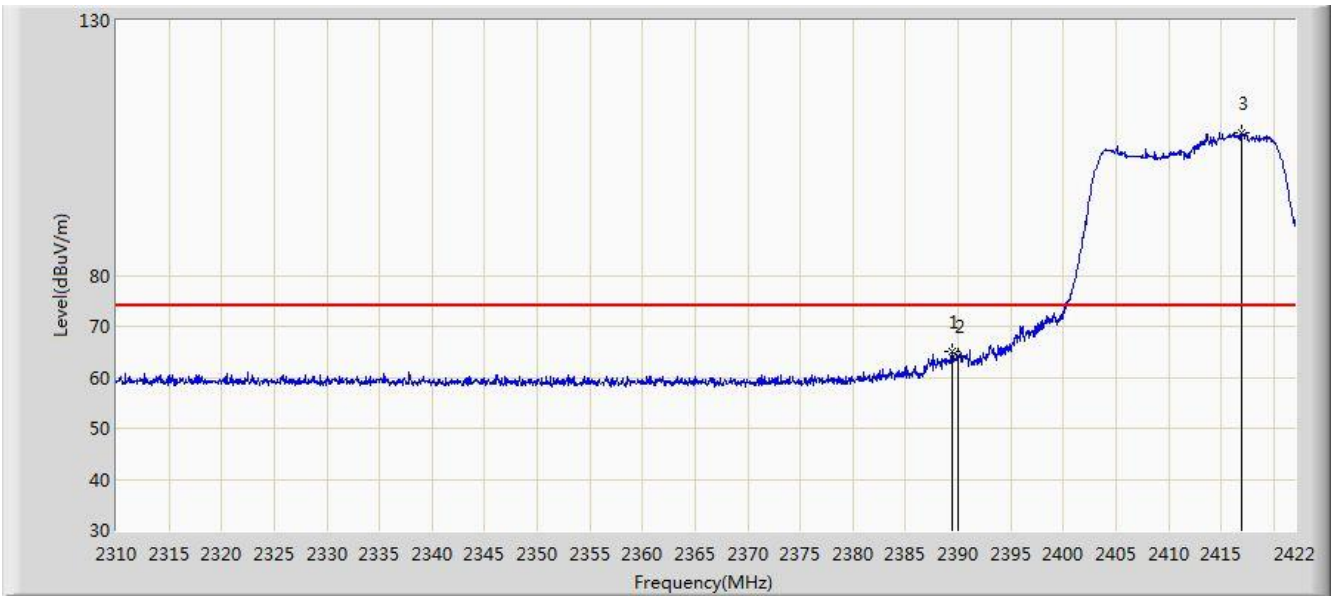


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2466.448	98.379	65.850	N/A	N/A	32.530	AV
2			2483.500	52.722	20.141	-1.278	54.000	32.580	AV

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

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

Site: AC1	Time: 2017/10/17 - 18:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

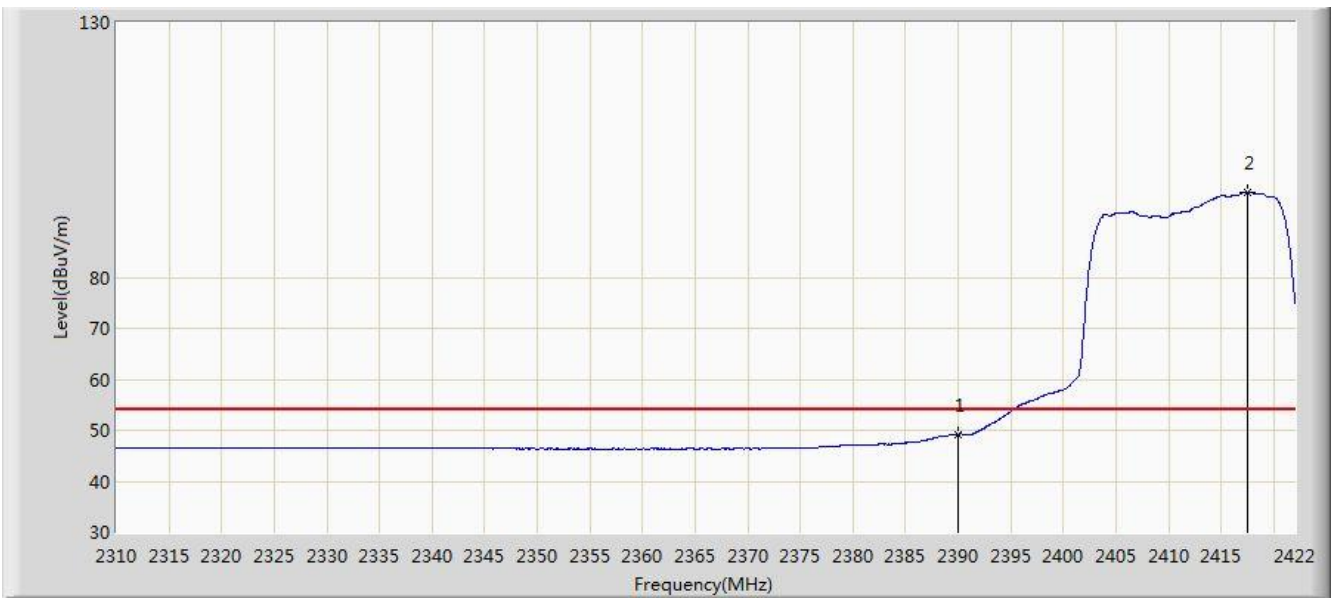


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.408	65.161	32.606	-8.839	74.000	32.555	PK
2			2390.000	64.109	31.555	-9.891	74.000	32.554	PK
3			2416.960	107.936	75.416	N/A	N/A	32.520	PK

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

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

Site: AC1	Time: 2017/10/17 - 18:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

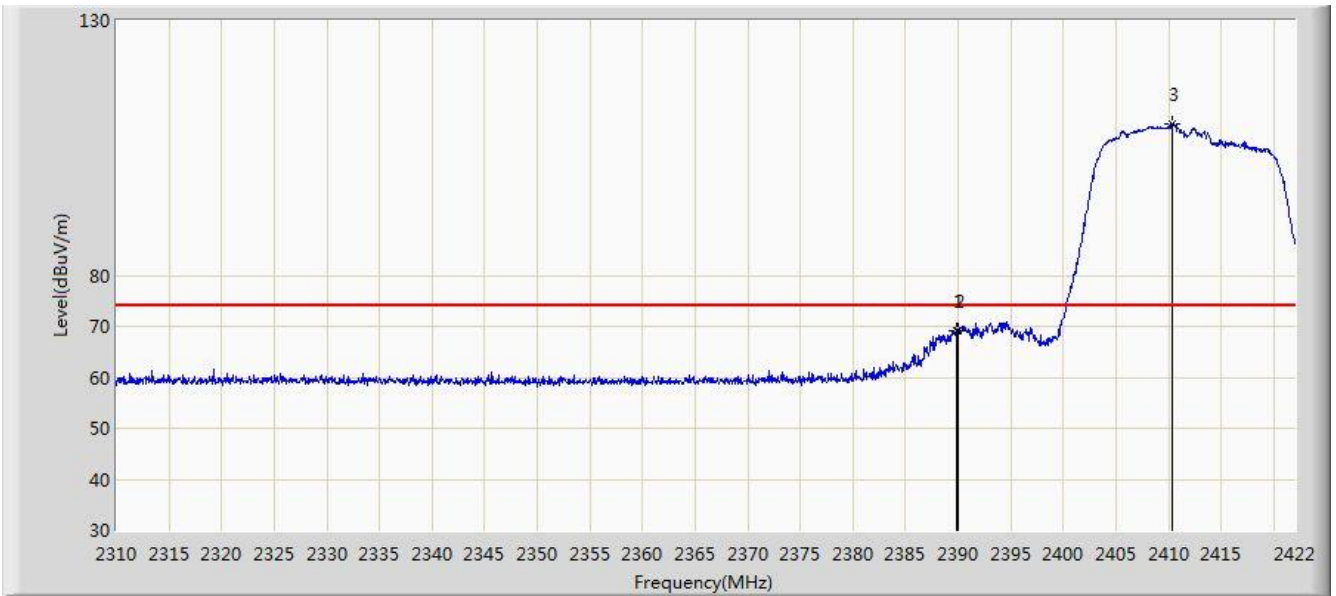


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	49.206	16.652	-4.794	54.000	32.554	AV
2			2417.464	96.623	64.104	N/A	N/A	32.519	AV

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

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

Site: AC1	Time: 2017/10/17 - 18:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

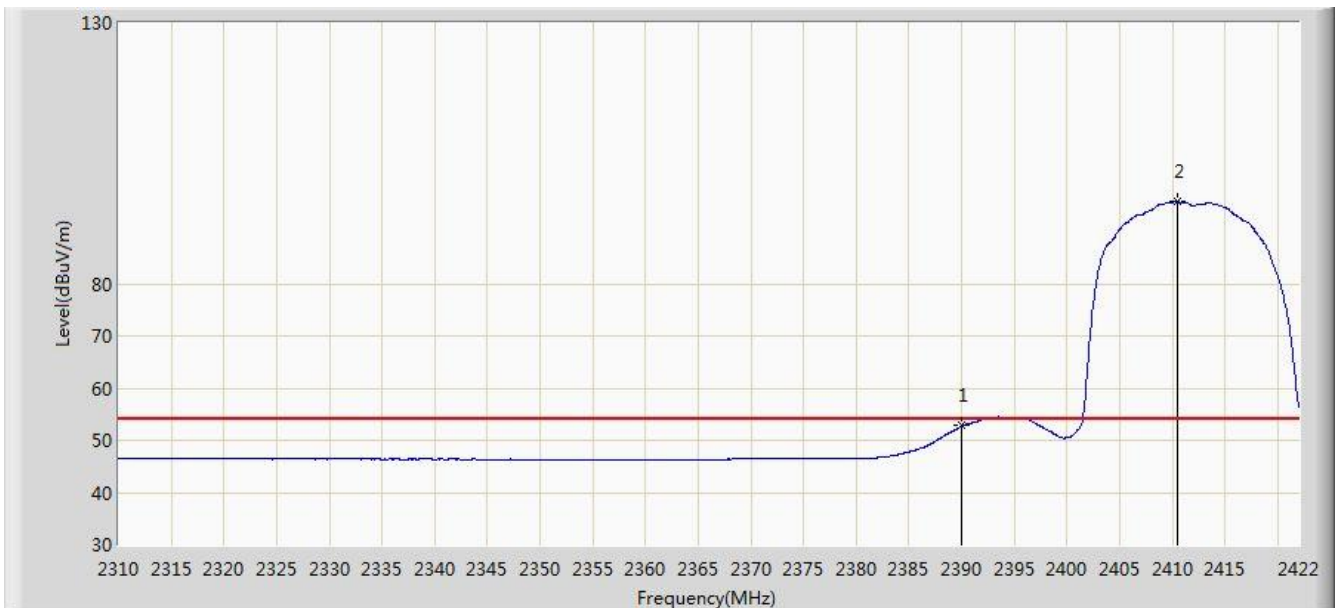


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.800	69.038	36.483	-4.962	74.000	32.555	PK
2			2390.000	68.987	36.433	-5.013	74.000	32.554	PK
3			2410.352	109.697	77.169	N/A	N/A	32.528	PK

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

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

Site: AC1	Time: 2017/10/17 - 18:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0 + 1 (CDD Mode)	

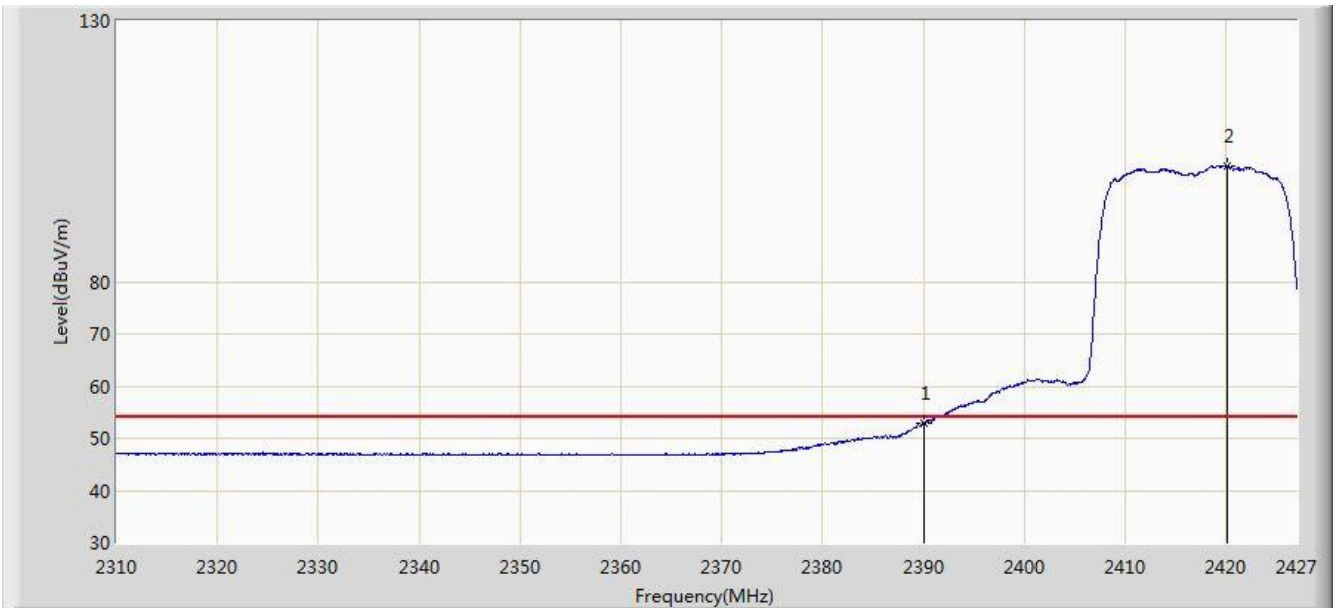


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.763	20.209	-1.237	54.000	32.554	AV
2		*	2410.464	95.720	63.192	N/A	N/A	32.527	AV

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

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

Site: AC1	Time: 2017/11/18 - 03:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2417MHz Ant 0 + 1 (CDD Mode)	

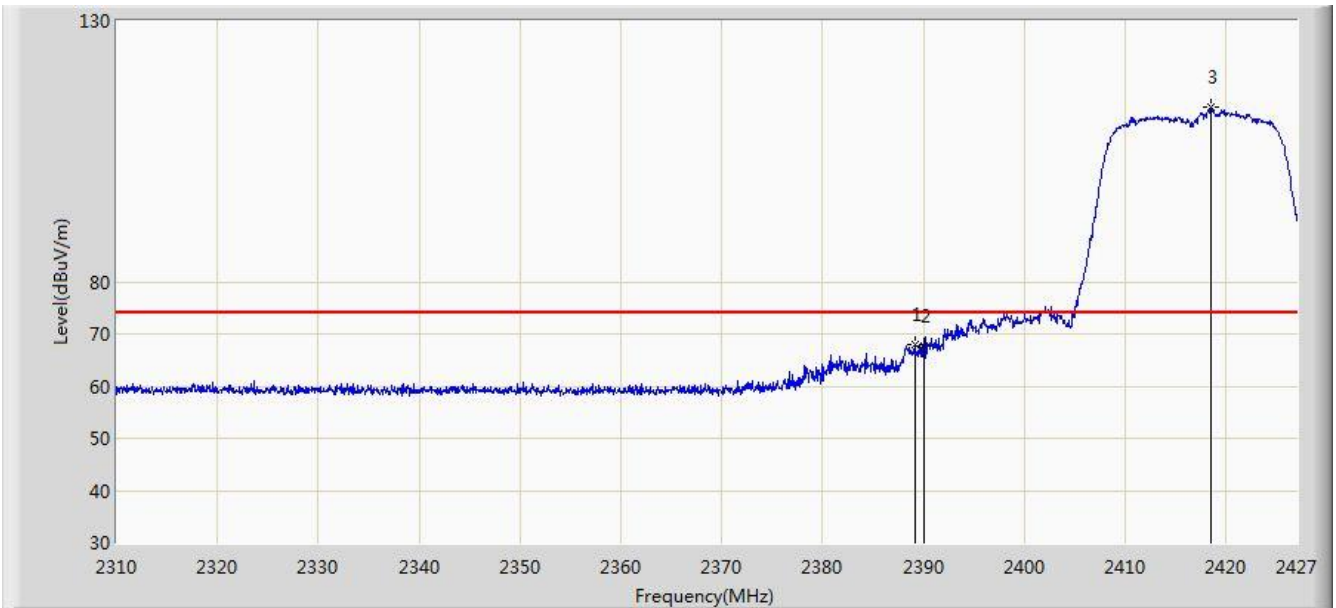


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.761	20.207	-1.239	54.000	32.554	AV
2		*	2420.097	102.305	69.789	N/A	N/A	32.516	AV

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

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

Site: AC1	Time: 2017/11/18 - 03:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2417MHz Ant 0 + 1 (CDD Mode)	

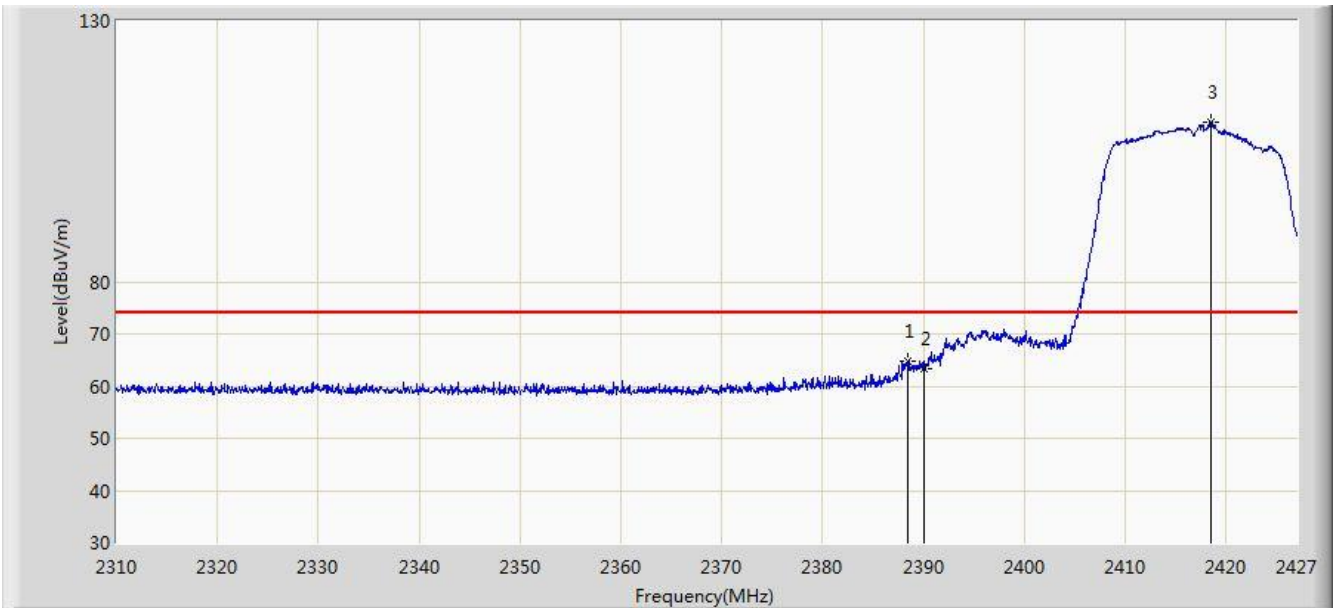


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.150	67.951	35.395	-6.049	74.000	32.556	PK
2			2390.000	67.761	35.207	-6.239	74.000	32.554	PK
3		*	2418.518	113.454	80.936	N/A	N/A	32.518	PK

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

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

Site: AC1	Time: 2017/11/18 - 03:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2417MHz Ant 0 + 1 (CDD Mode)	

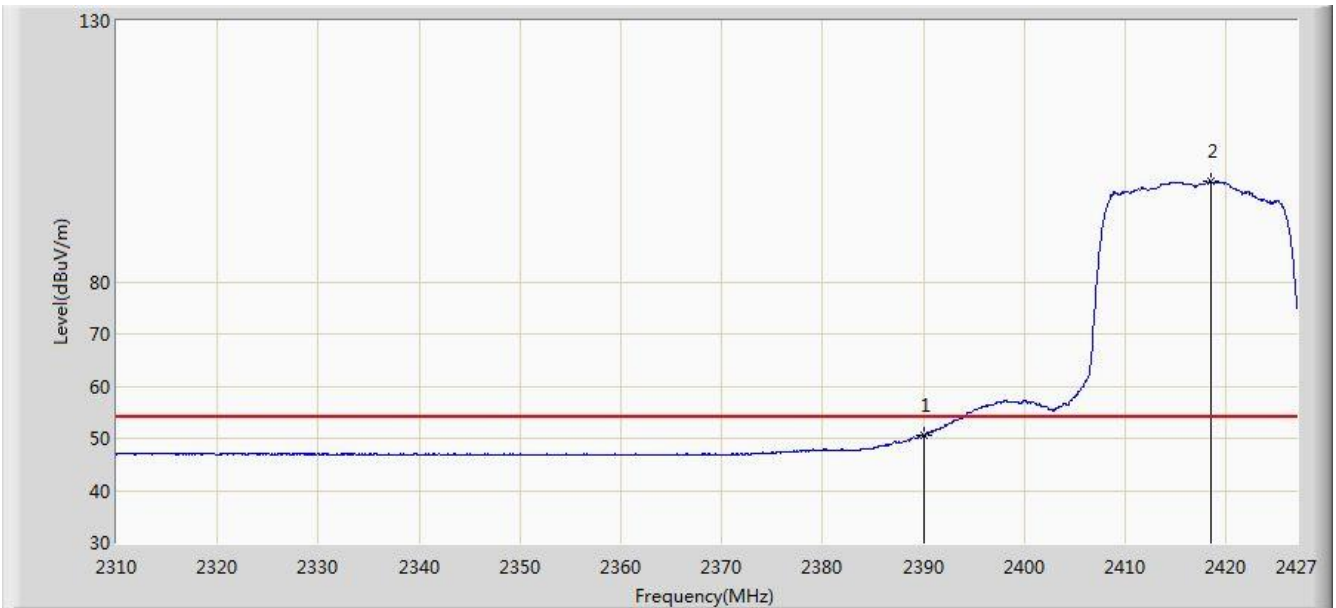


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.448	64.779	32.222	-9.221	74.000	32.556	PK
2			2390.000	63.348	30.794	-10.652	74.000	32.554	PK
3		*	2418.518	110.594	78.076	N/A	N/A	32.518	PK

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

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

Site: AC1	Time: 2017/11/18 - 03:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2417MHz Ant 0 + 1 (CDD Mode)	

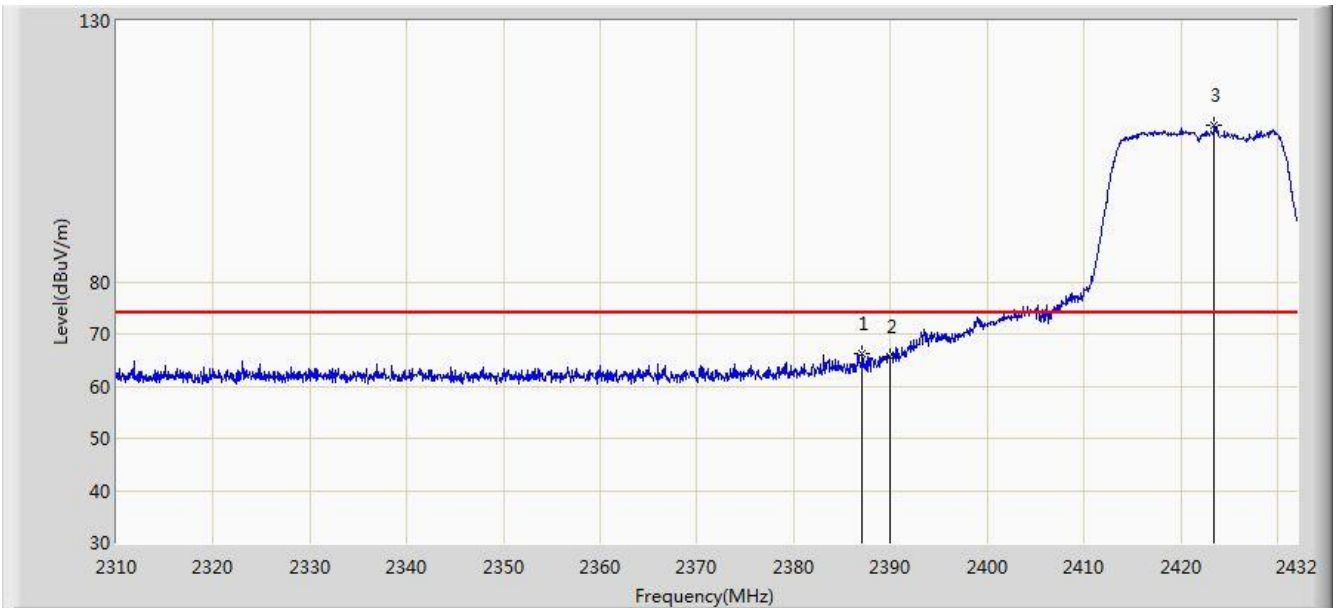


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.569	18.015	-3.431	54.000	32.554	AV
2		*	2418.459	99.344	66.826	N/A	N/A	32.518	AV

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

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

Site: AC1	Time: 2017/11/18 - 17:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2422MHz Ant 0 + 1 (CDD Mode)	

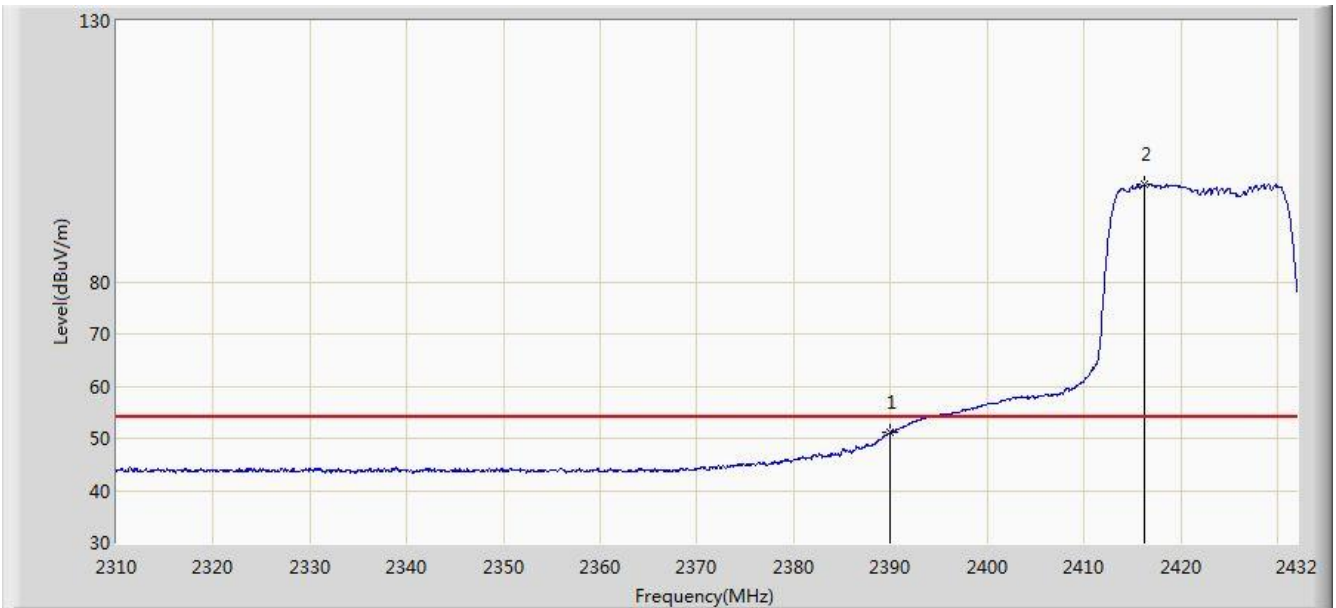


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.104	66.298	33.740	-7.702	74.000	32.559	PK
2			2390.000	65.715	33.161	-8.285	74.000	32.554	PK
3		*	2423.460	109.931	77.419	N/A	N/A	32.512	PK

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

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

Site: AC1	Time: 2017/11/18 - 17:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2422MHz Ant 0 + 1 (CDD Mode)	

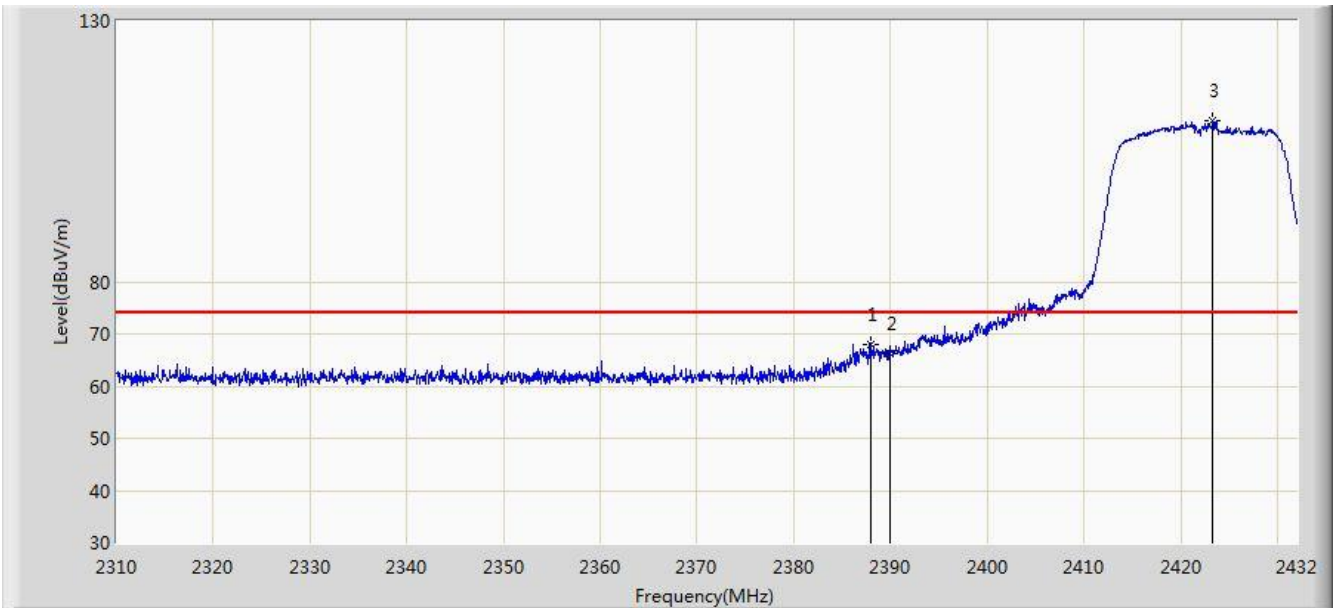


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.191	18.637	-2.809	54.000	32.554	AV
2		*	2416.323	98.717	66.197	N/A	N/A	32.520	AV

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

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

Site: AC1	Time: 2017/11/18 - 17:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2422MHz Ant 0 + 1 (CDD Mode)	

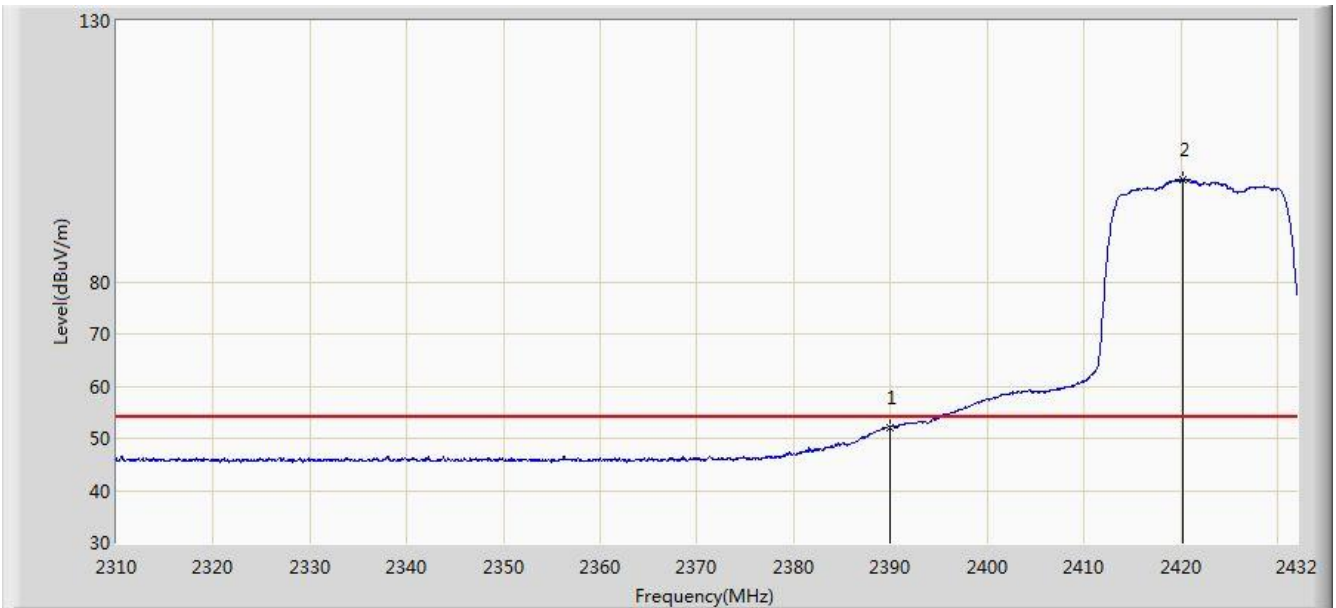


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.897	68.115	35.558	-5.885	74.000	32.558	PK
2			2390.000	66.131	33.577	-7.869	74.000	32.554	PK
3		*	2423.277	110.889	78.377	N/A	N/A	32.512	PK

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

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

Site: AC1	Time: 2017/11/18 - 17:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2422MHz Ant 0 + 1 (CDD Mode)	

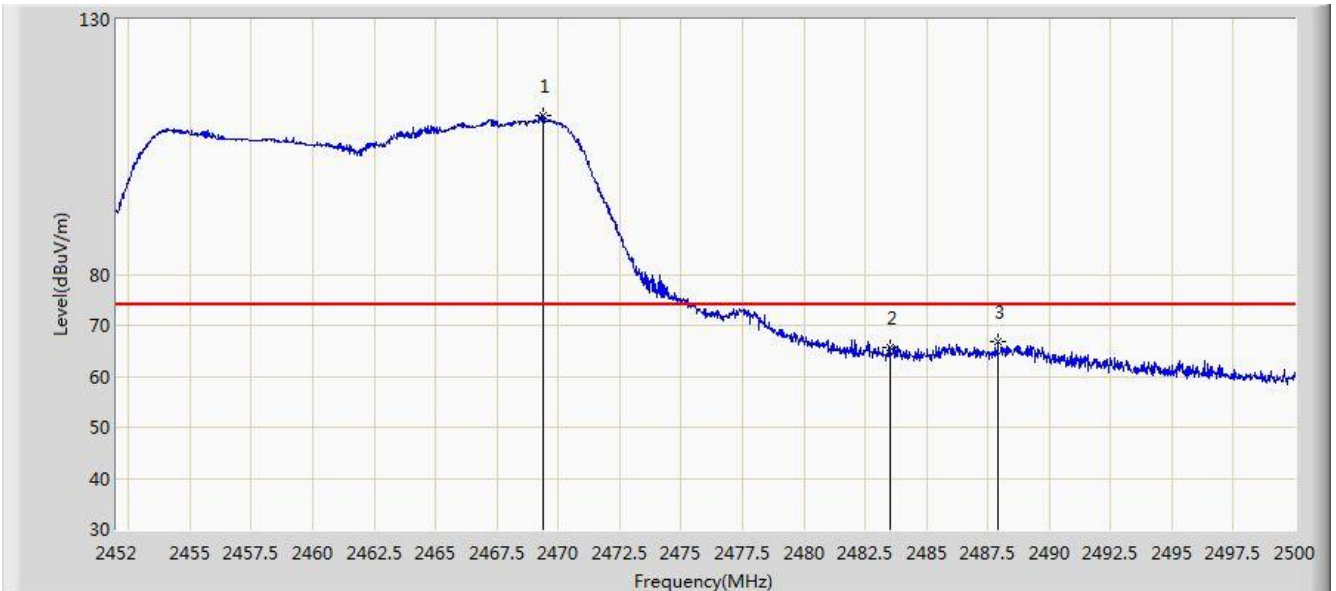


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.077	19.523	-1.923	54.000	32.554	AV
2		*	2420.288	99.708	67.192	N/A	N/A	32.516	AV

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

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

Site: AC1	Time: 2017/10/17 - 18:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

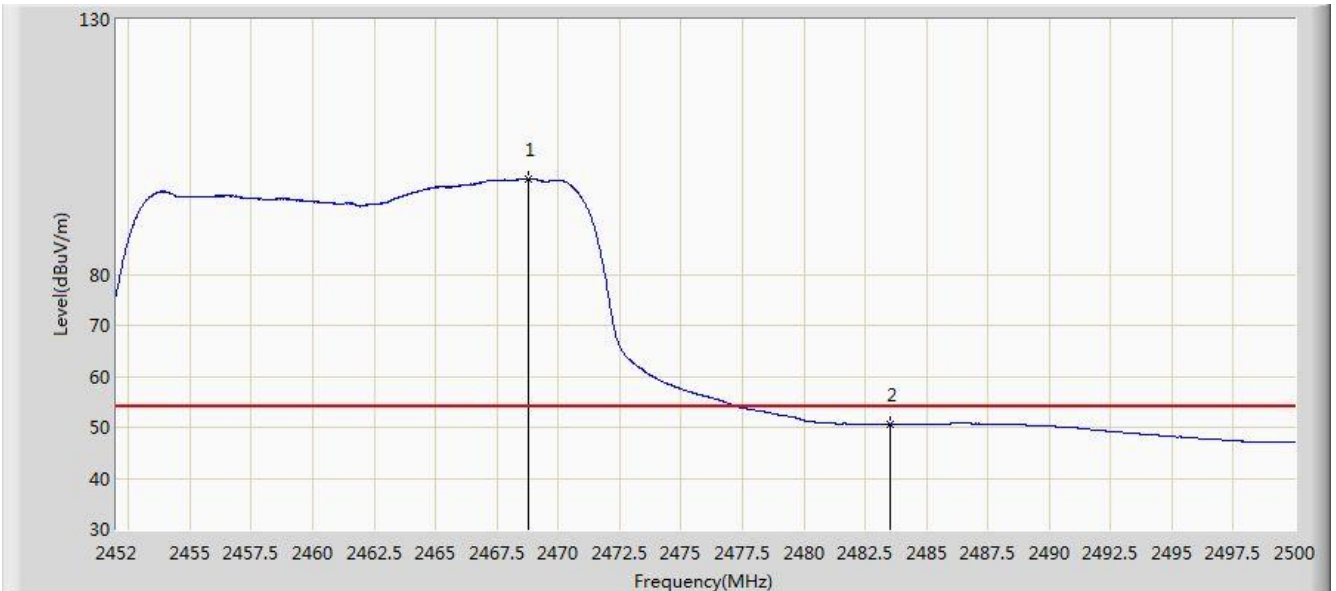


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2469.400	111.090	78.552	N/A	N/A	32.538	PK
2			2483.500	65.627	33.046	-8.373	74.000	32.580	PK
3			2487.904	66.837	34.243	-7.163	74.000	32.594	PK

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

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

Site: AC1	Time: 2017/10/17 - 18:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

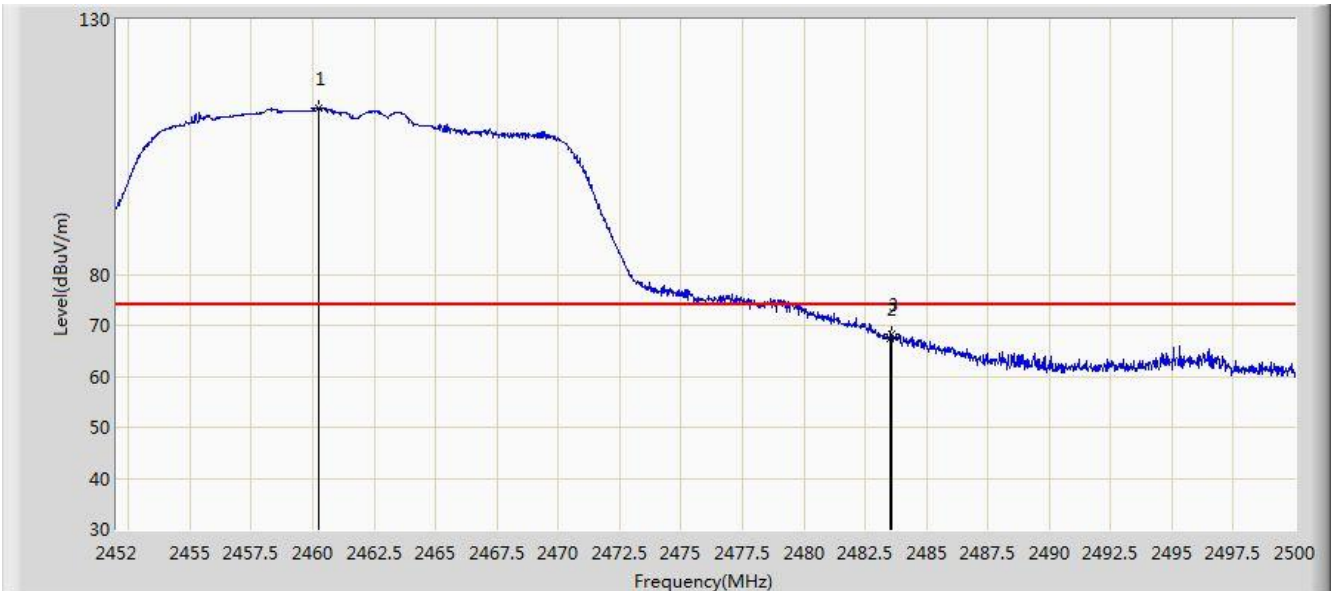


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2468.776	98.790	66.254	N/A	N/A	32.536	AV
2			2483.500	50.538	17.957	-3.462	54.000	32.580	AV

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

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

Site: AC1	Time: 2017/10/17 - 18:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

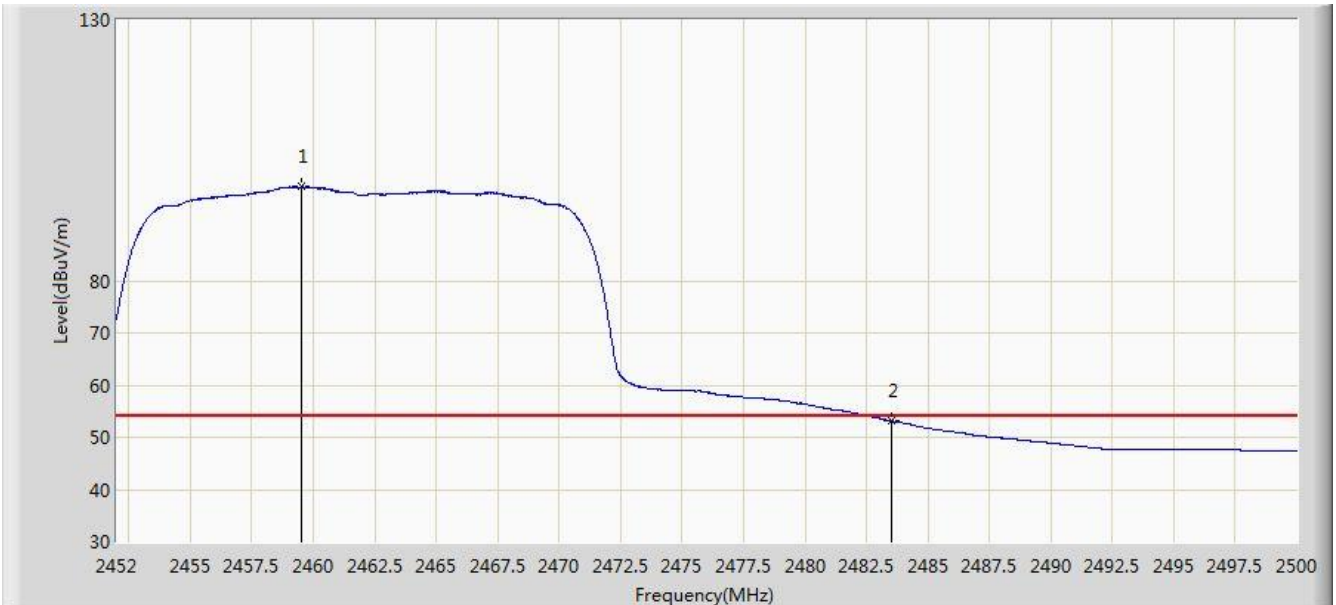


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2460.256	112.677	80.164	N/A	N/A	32.513	PK
2			2483.500	67.417	34.836	-6.583	74.000	32.580	PK
3			2483.584	68.126	35.545	-5.874	74.000	32.580	PK

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

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

Site: AC1	Time: 2017/10/17 - 18:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (CDD Mode)	

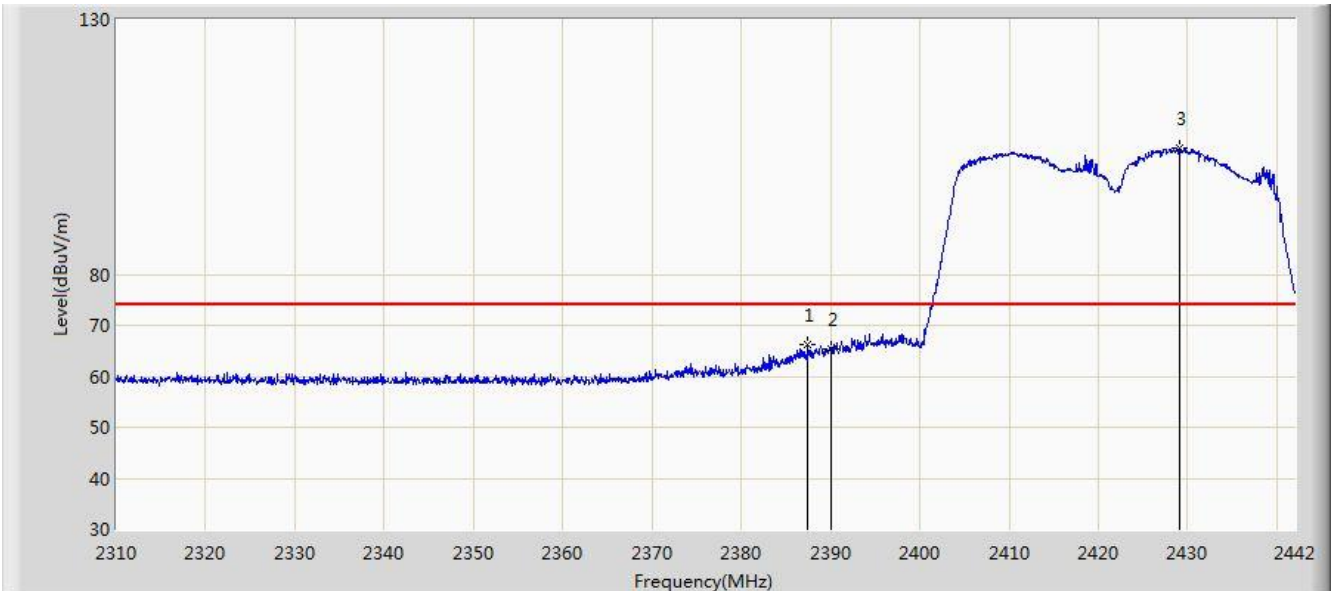


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2459.512	97.984	65.472	N/A	N/A	32.512	AV
2			2483.500	53.208	20.627	-0.792	54.000	32.580	AV

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

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

Site: AC1	Time: 2017/10/17 - 18:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (CDD Mode)	

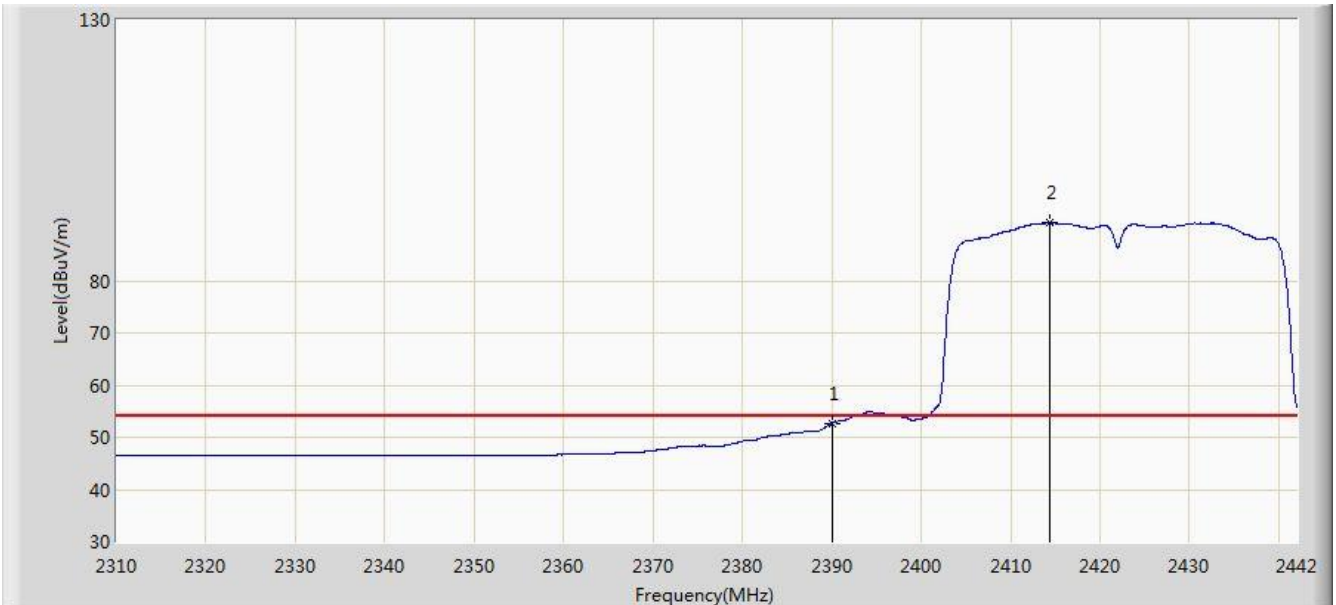


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.418	66.242	33.684	-7.758	74.000	32.558	PK
2			2390.000	65.382	32.828	-8.618	74.000	32.554	PK
3			2429.130	104.681	72.176	N/A	N/A	32.505	PK

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

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

Site: AC1	Time: 2017/10/17 - 18:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (CDD Mode)	

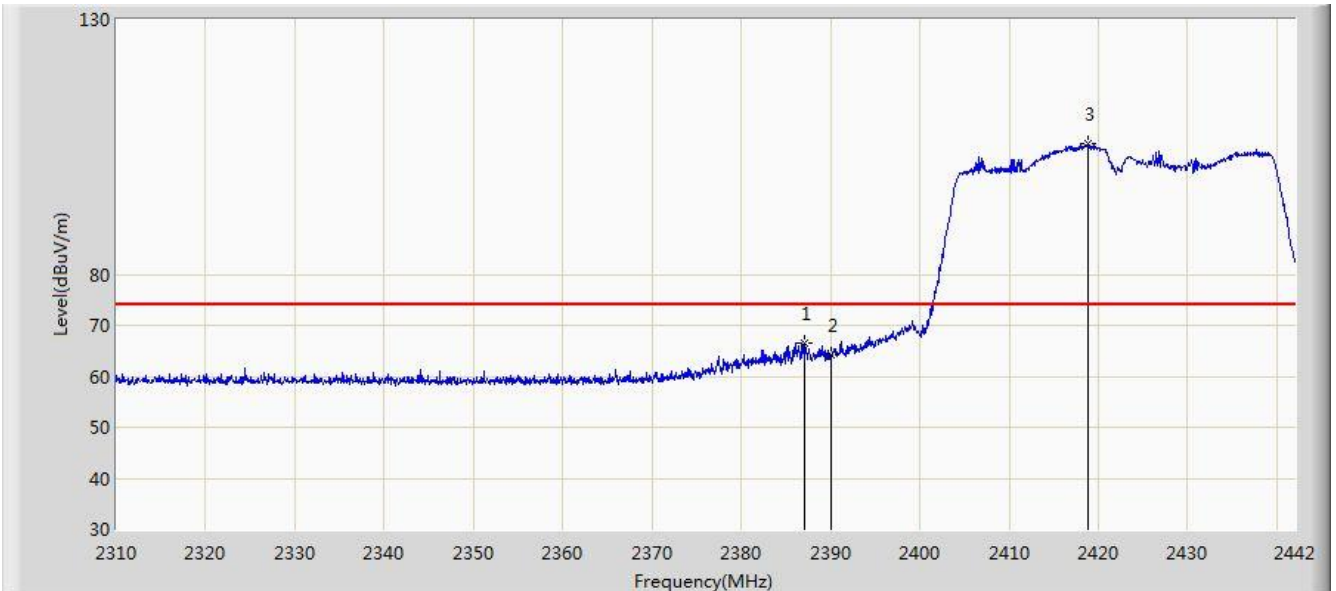


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.636	20.082	-1.364	54.000	32.554	AV
2		*	2414.412	91.035	58.512	N/A	N/A	32.523	AV

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

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

Site: AC1	Time: 2017/10/17 - 18:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (CDD Mode)	

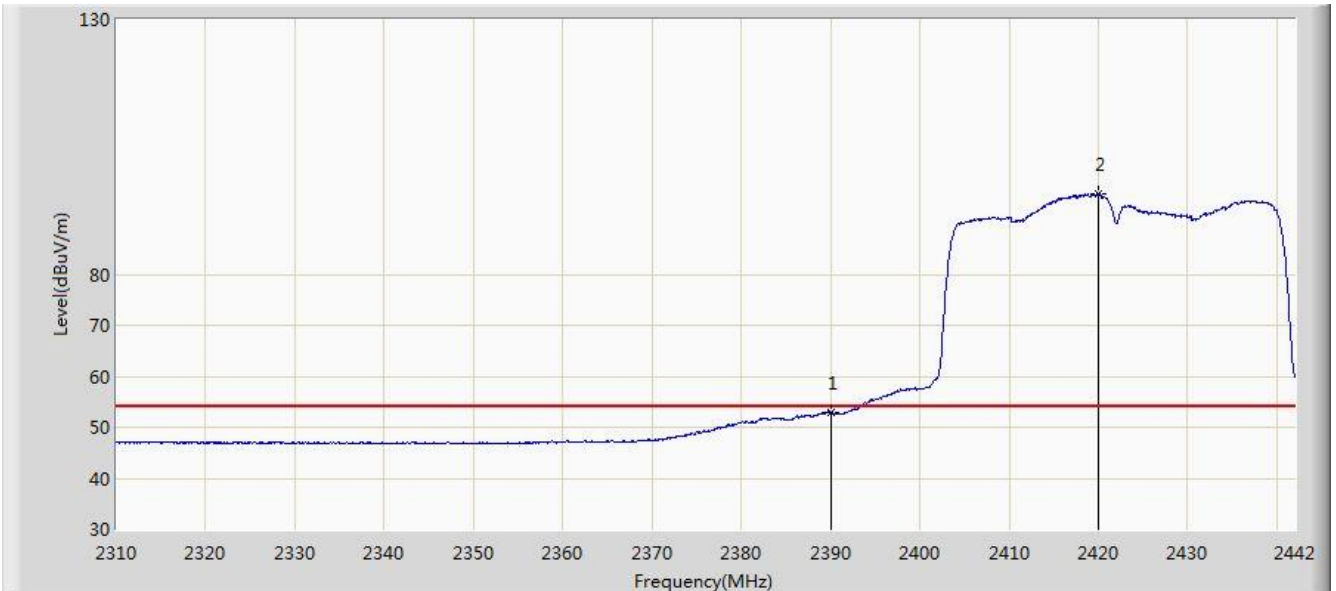


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2387.022	66.613	34.054	-7.387	74.000	32.558	PK
2			2390.000	64.216	31.662	-9.784	74.000	32.554	PK
3			2418.768	105.566	73.048	N/A	N/A	32.517	PK

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

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

Site: AC1	Time: 2017/10/17 - 18:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (CDD Mode)	

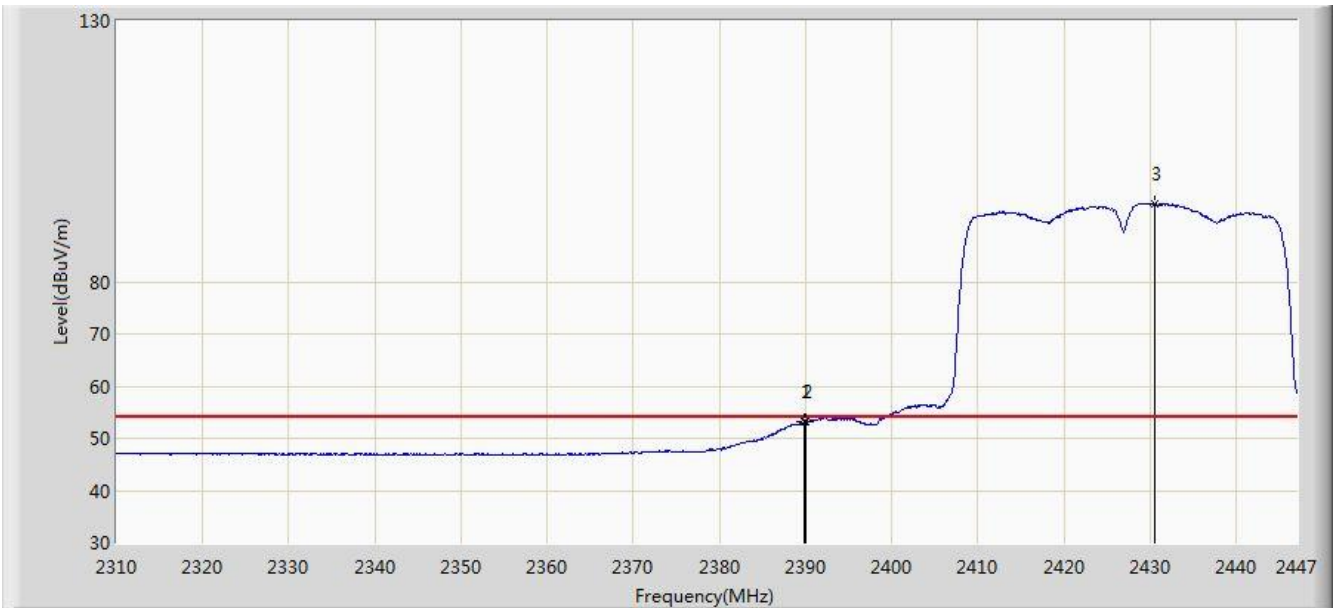


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	52.987	20.433	-1.013	54.000	32.554	AV
2			2419.956	95.758	63.242	N/A	N/A	32.516	AV

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

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

Site: AC1	Time: 2017/11/18 - 03:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2427MHz Ant 0 + 1 (CDD Mode)	

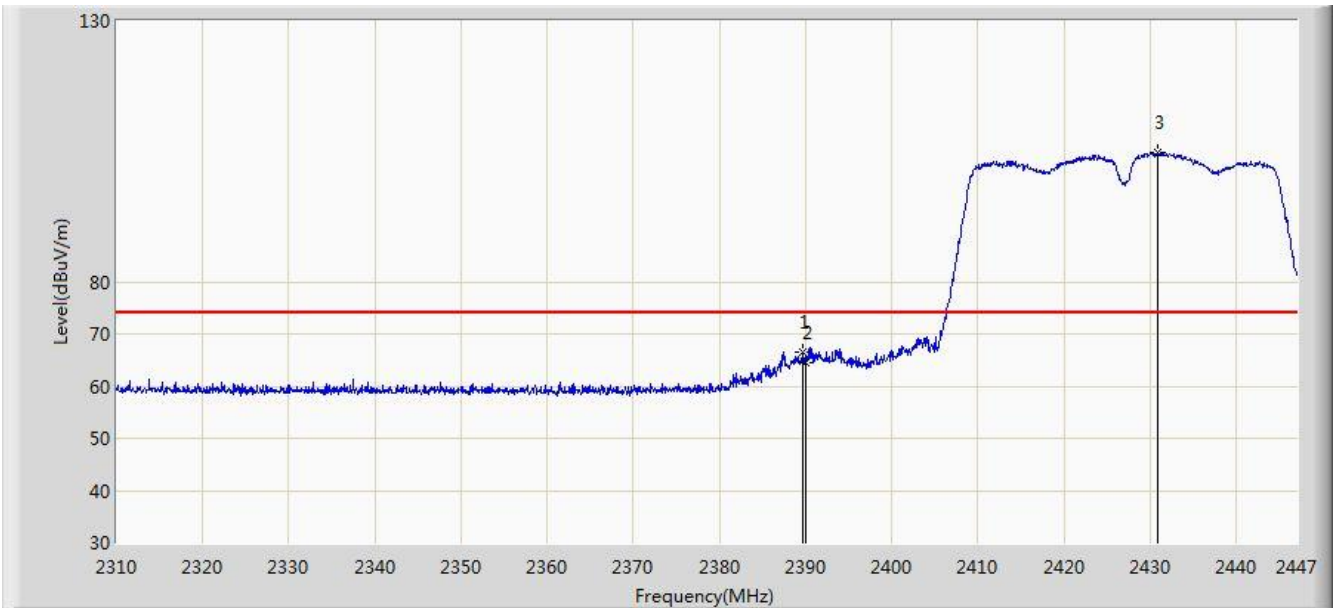


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.871	53.083	20.528	-0.917	54.000	32.555	AV
2			2390.000	53.059	20.505	-0.941	54.000	32.554	AV
3		*	2430.491	94.834	62.330	N/A	N/A	32.504	AV

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

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

Site: AC1	Time: 2017/11/18 - 03:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2427MHz Ant 0 + 1 (CDD Mode)	

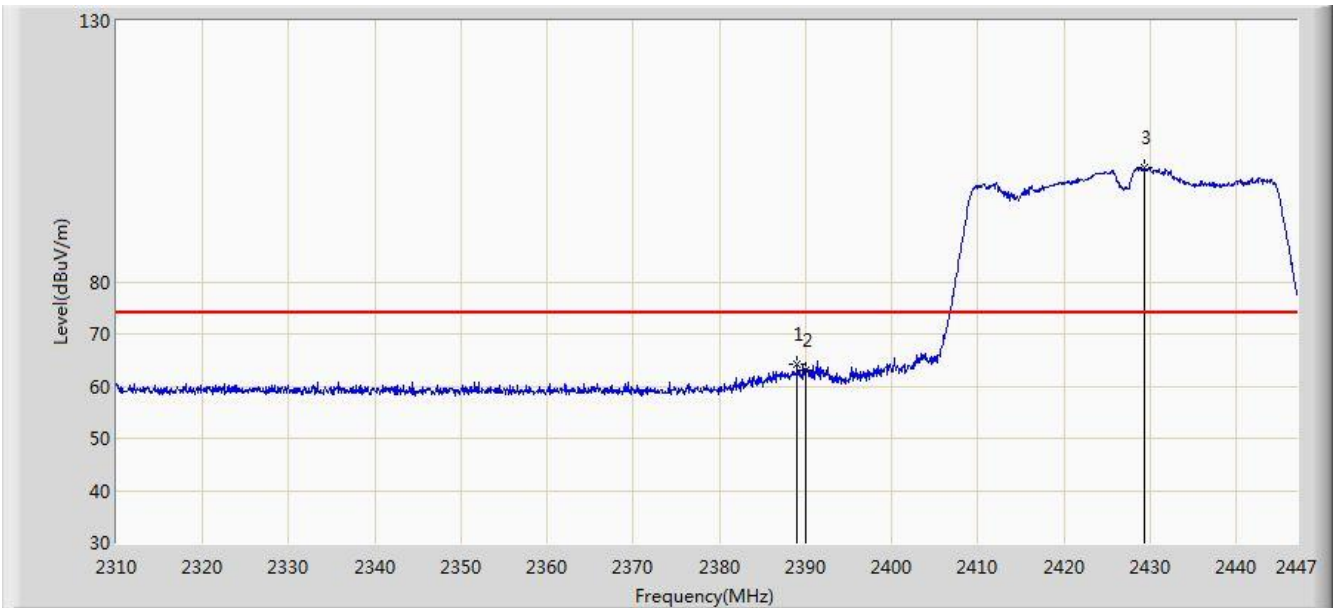


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.597	66.433	33.878	-7.567	74.000	32.555	PK
2			2390.000	64.605	32.051	-9.395	74.000	32.554	PK
3		*	2430.834	104.873	72.370	N/A	N/A	32.503	PK

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

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

Site: AC1	Time: 2017/11/18 - 03:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2427MHz Ant 0 + 1 (CDD Mode)	

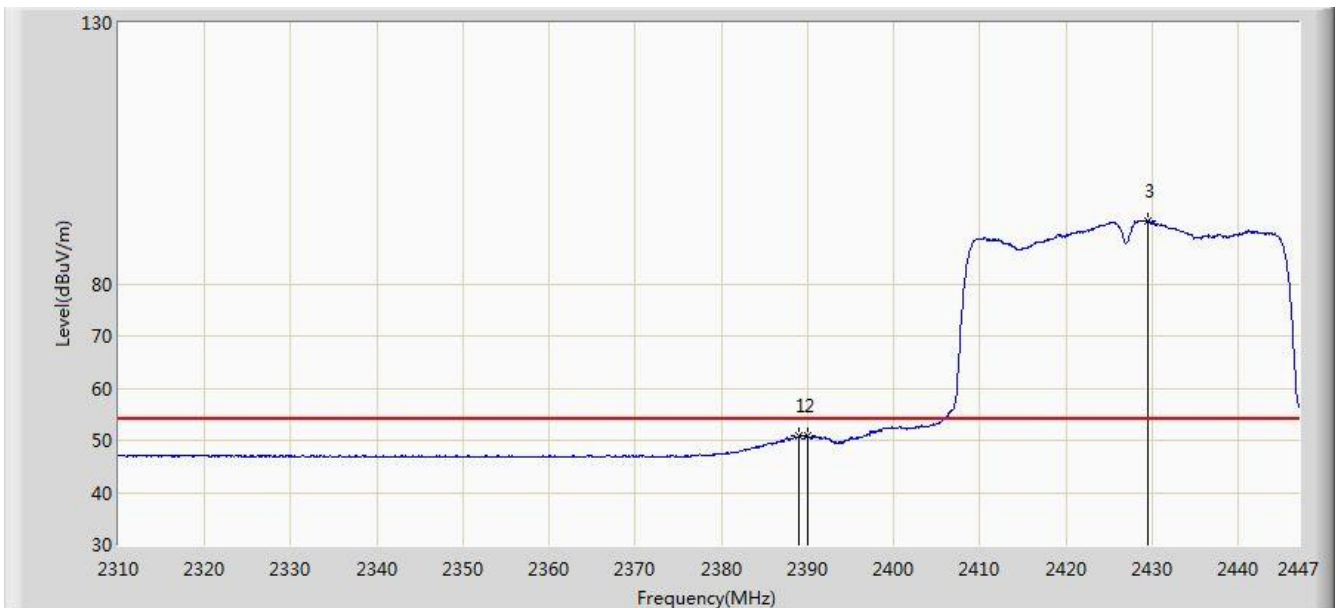


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.980	64.124	31.568	-9.876	74.000	32.556	PK
2			2390.000	62.959	30.405	-11.041	74.000	32.554	PK
3		*	2429.327	101.866	69.361	N/A	N/A	32.505	PK

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

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

Site: AC1	Time: 2017/11/18 - 03:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2427MHz Ant 0 + 1 (CDD Mode)	

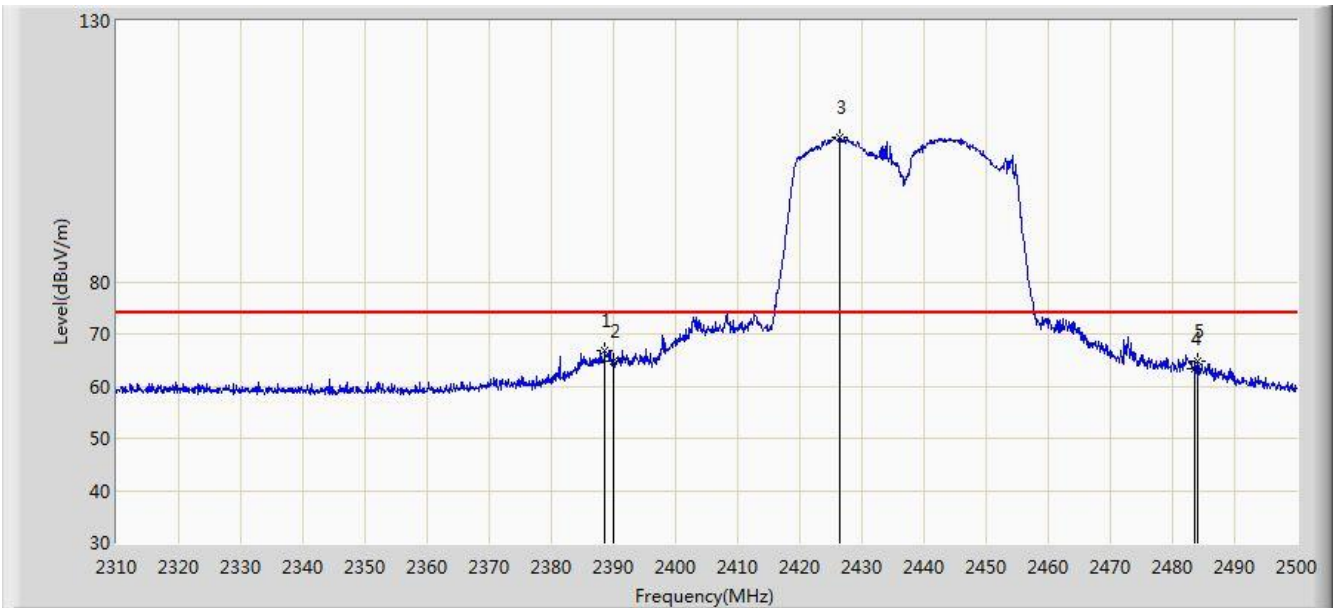


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.912	50.735	18.179	-3.265	54.000	32.556	AV
2			2390.000	50.796	18.242	-3.204	54.000	32.554	AV
3		*	2429.464	92.051	59.546	N/A	N/A	32.504	AV

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

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

Site: AC1	Time: 2017/10/19 - 16:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

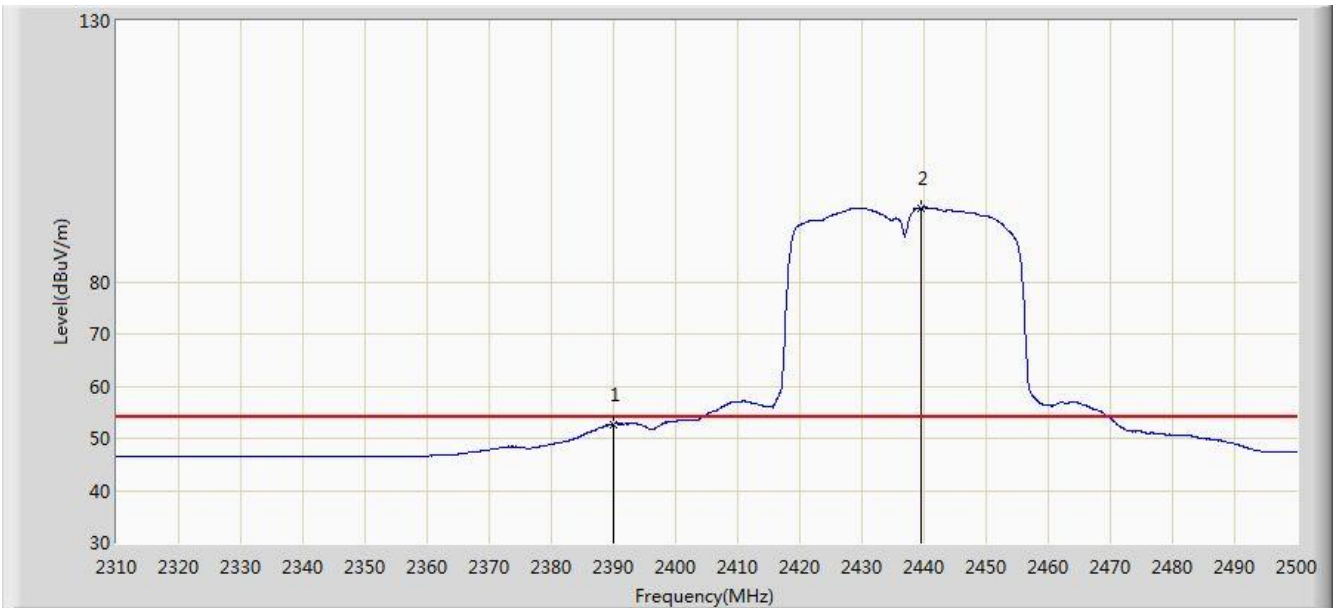


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2388.565	66.770	34.214	-7.230	74.000	32.556	PK
2			2390.000	64.868	32.314	-9.132	74.000	32.554	PK
3		*	2426.470	107.560	75.052	N/A	N/A	32.509	PK
4			2483.500	63.243	30.662	-10.757	74.000	32.580	PK
5			2484.040	64.706	32.124	-9.294	74.000	32.582	PK

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

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

Site: AC1	Time: 2017/10/19 - 16:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

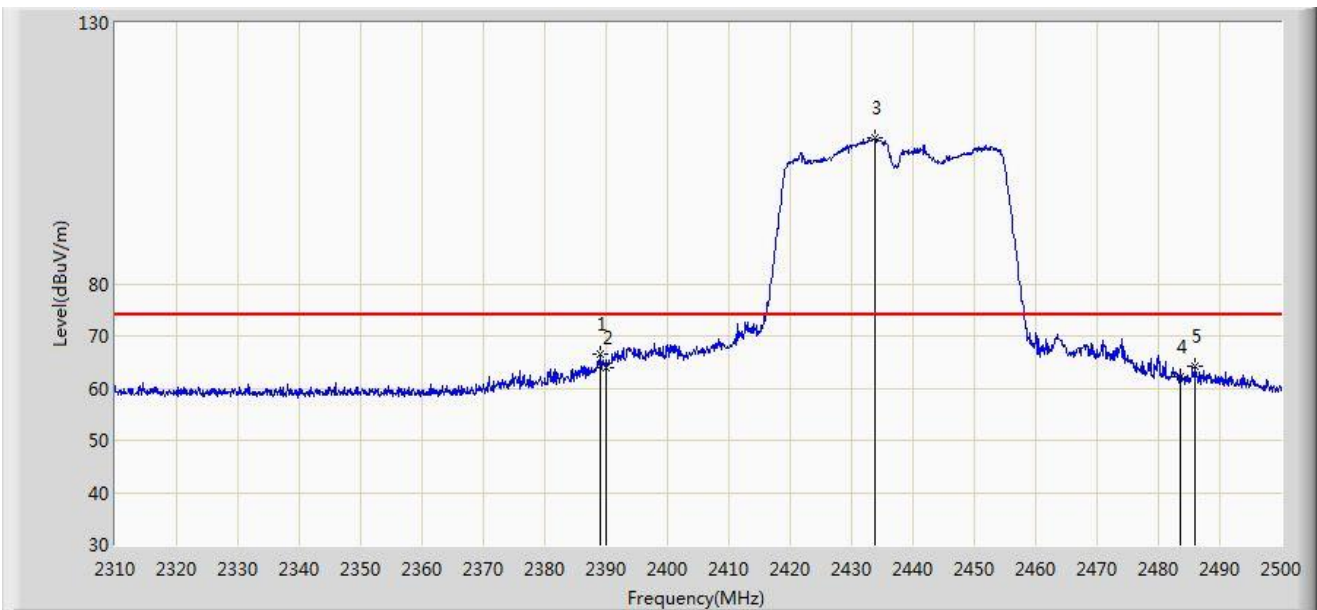


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	52.727	20.173	-1.273	54.000	32.554	AV
2		*	2439.580	94.193	61.700	N/A	N/A	32.493	AV

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

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

Site: AC1	Time: 2017/10/19 - 16:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

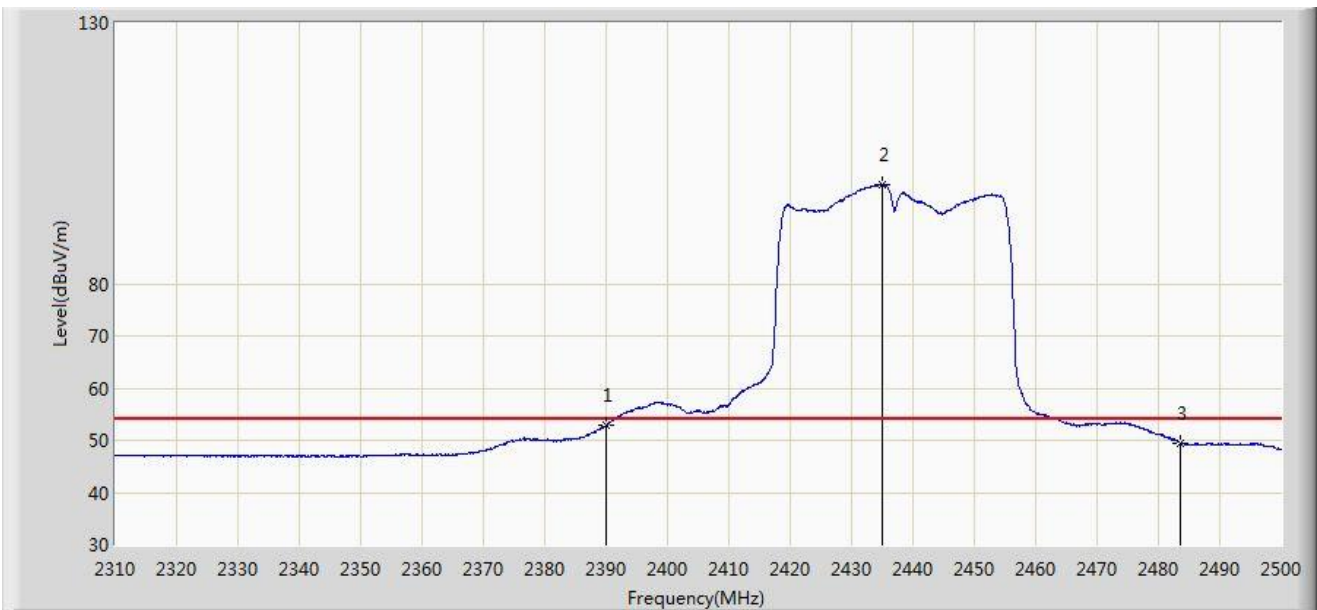


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2389.135	66.577	34.021	-7.423	74.000	32.556	PK
2			2390.000	64.056	31.502	-9.944	74.000	32.554	PK
3		*	2433.785	107.906	75.406	N/A	N/A	32.500	PK
4			2483.500	62.276	29.695	-11.724	74.000	32.580	PK
5			2485.845	64.330	31.742	-9.670	74.000	32.587	PK

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

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

Site: AC1	Time: 2017/10/19 - 16:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz Ant 0 + 1 (CDD Mode)	

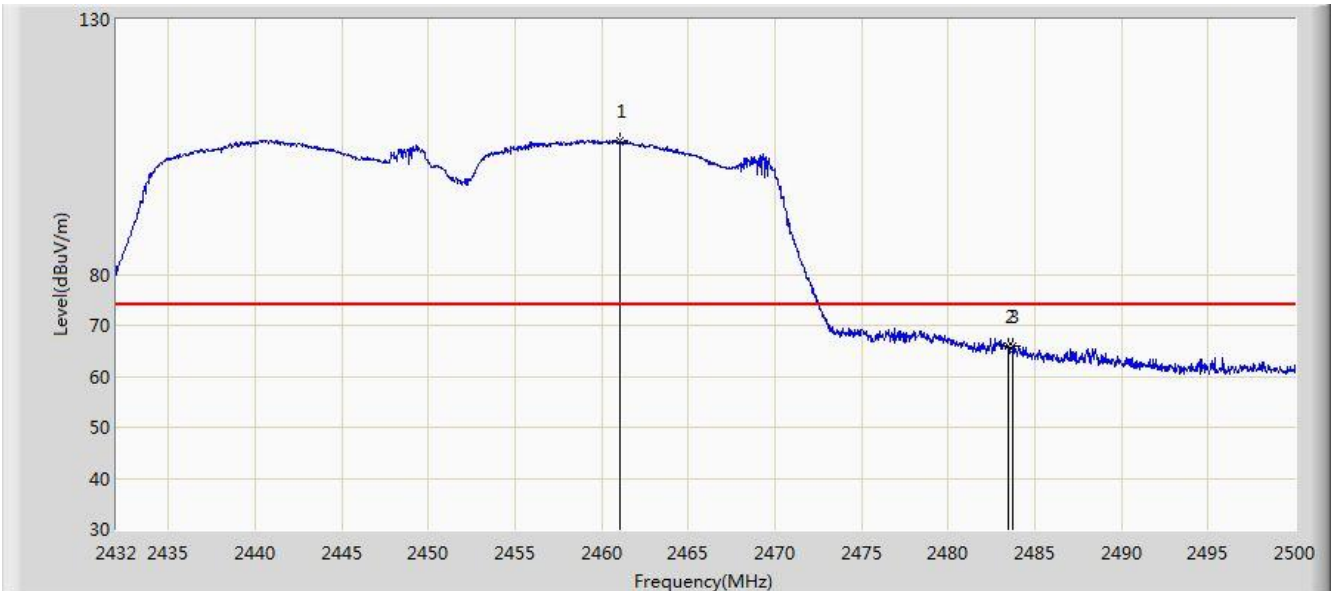


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor	Type
1			2390.000	52.955	20.401	-1.045	54.000	32.554	AV
2		*	2434.925	98.911	66.413	N/A	N/A	32.498	AV
3			2483.500	49.493	16.912	-4.507	54.000	32.580	AV

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

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

Site: AC1	Time: 2017/10/17 - 19:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0 + 1 (CDD Mode)	

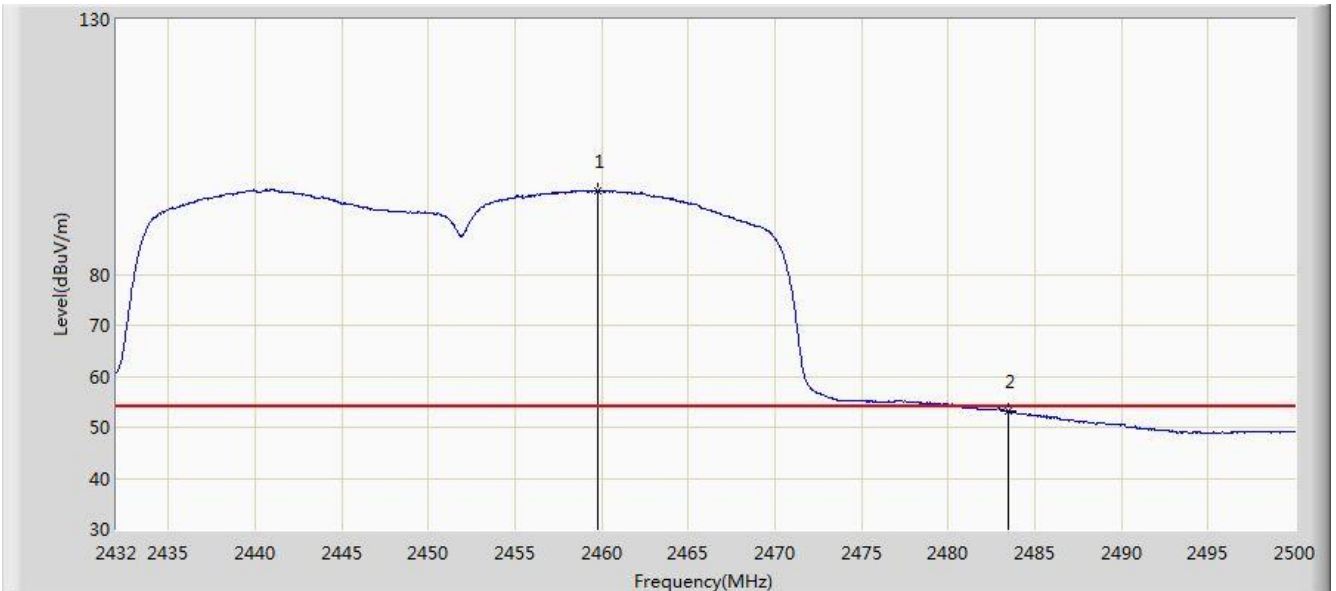


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2461.070	106.283	73.768	N/A	N/A	32.514	PK
2			2483.500	65.823	33.242	-8.177	74.000	32.580	PK
3			2483.748	65.979	33.398	-8.021	74.000	32.582	PK

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

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

Site: AC1	Time: 2017/10/17 - 19:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0 + 1 (CDD Mode)	

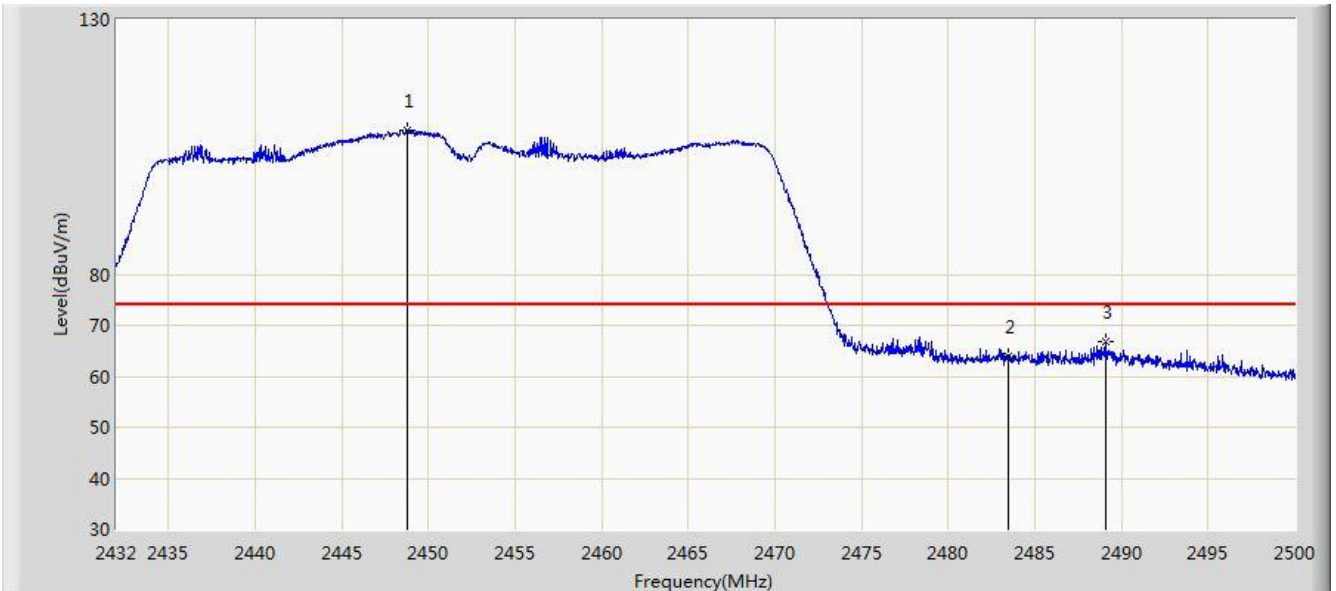


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2459.812	96.315	63.803	N/A	N/A	32.513	AV
2			2483.500	53.096	20.515	-0.904	54.000	32.580	AV

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

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

Site: AC1	Time: 2017/10/17 - 19:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0 + 1 (CDD Mode)	

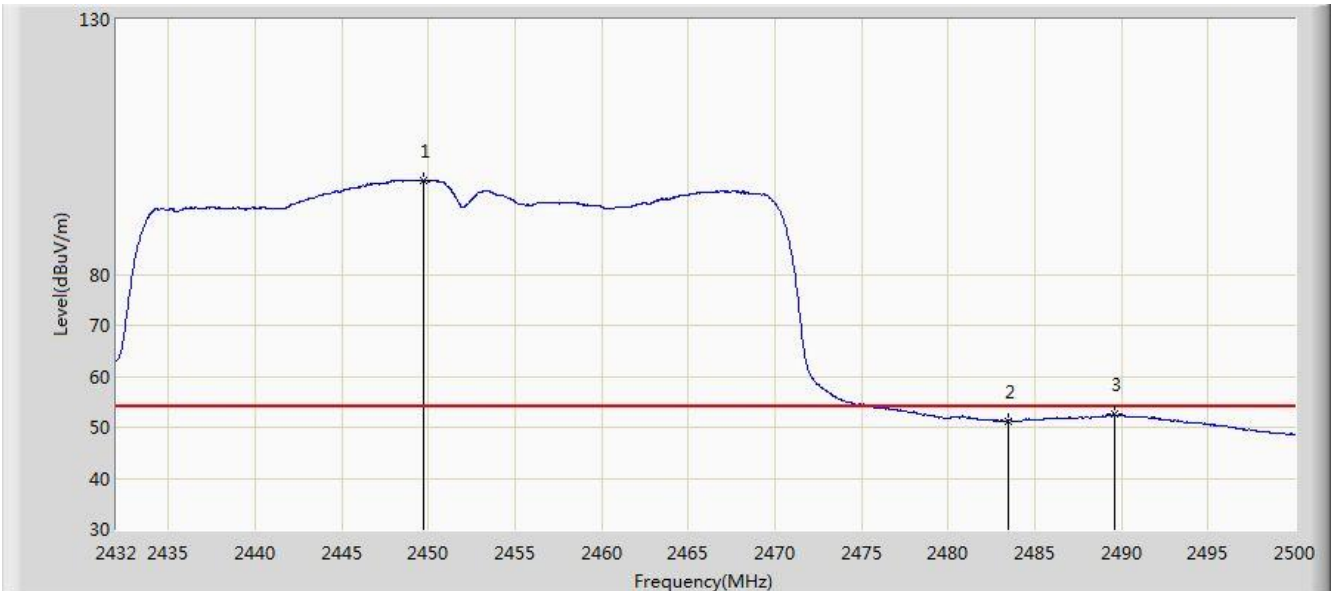


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2448.796	108.268	75.775	N/A	N/A	32.493	PK
2			2483.500	64.014	31.433	-9.986	74.000	32.580	PK
3			2489.086	66.702	34.105	-7.298	74.000	32.597	PK

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

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

Site: AC1	Time: 2017/10/17 - 19:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0 + 1 (CDD Mode)	

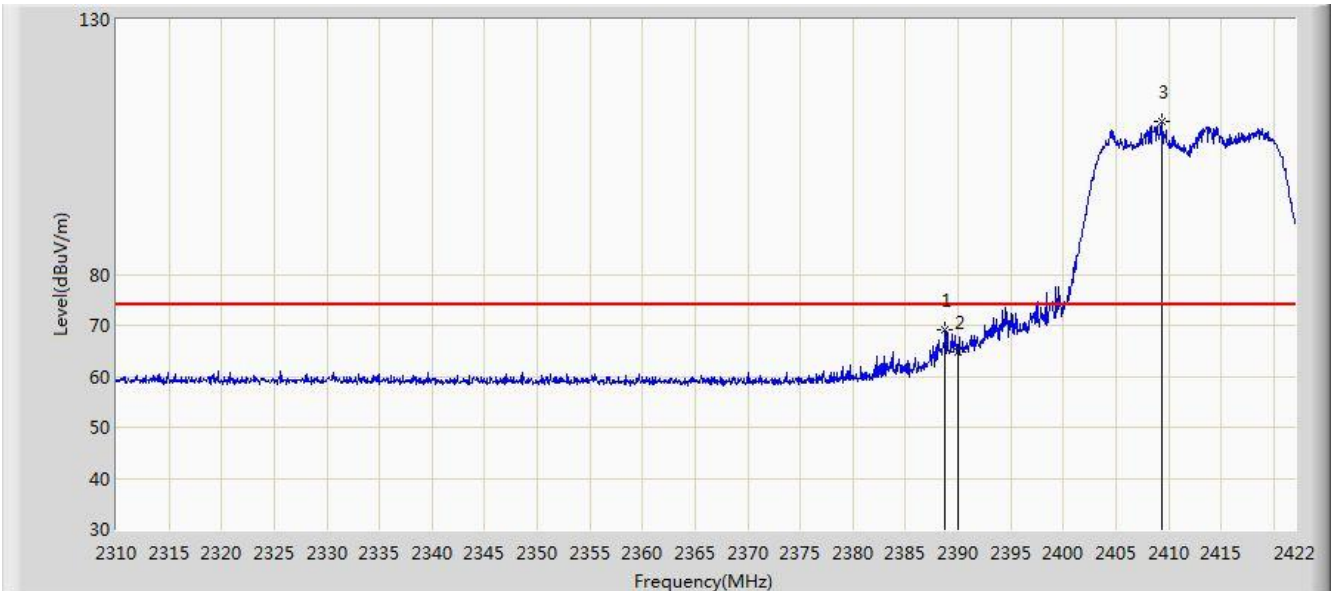


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2449.748	98.464	65.969	N/A	N/A	32.495	AV
2			2483.500	51.291	18.710	-2.709	54.000	32.580	AV
3			2489.562	52.524	19.925	-1.476	54.000	32.598	AV

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

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

Site: AC1	Time: 2017/10/19 - 11:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0 + 1 (Beam-Forming Mode)	

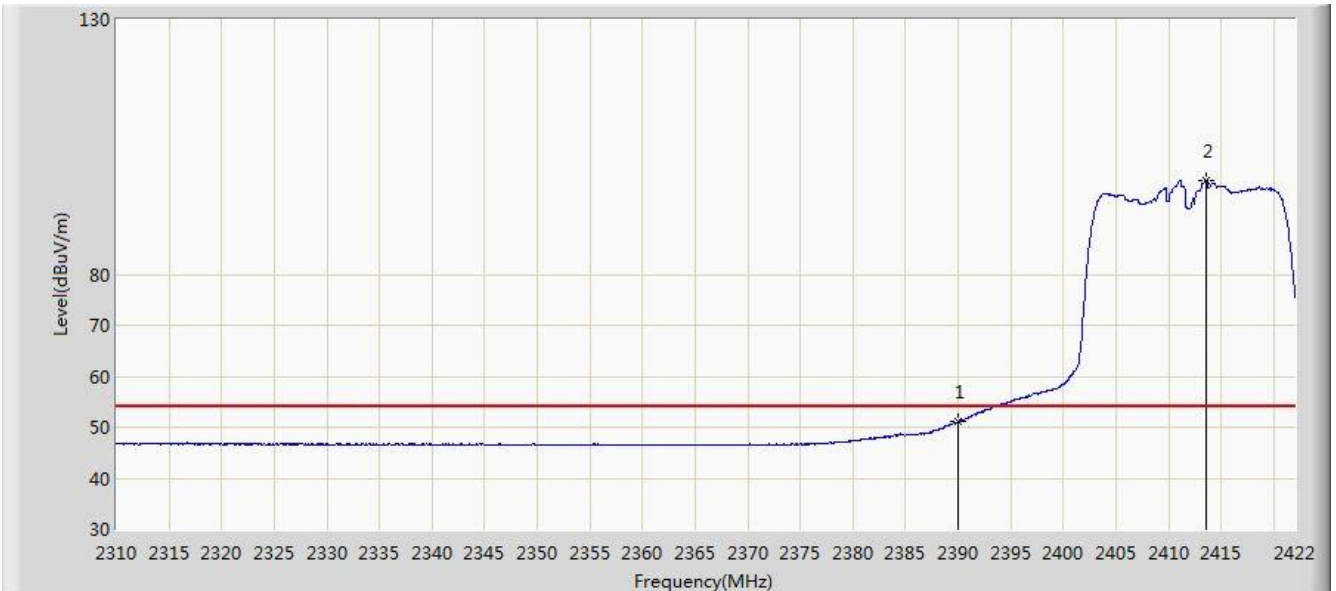


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.736	69.094	36.538	-4.906	74.000	32.557	PK
2			2390.000	64.767	32.213	-9.233	74.000	32.554	PK
3			2409.344	109.861	77.332	N/A	N/A	32.529	PK

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

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

Site: AC1	Time: 2017/10/19 - 11:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
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	51.098	18.544	-2.902	54.000	32.554	AV
2			2413.600	98.489	65.965	N/A	N/A	32.524	AV

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

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

Site: AC1	Time: 2017/10/19 - 11:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0 + 1 (Beam-Forming Mode)	

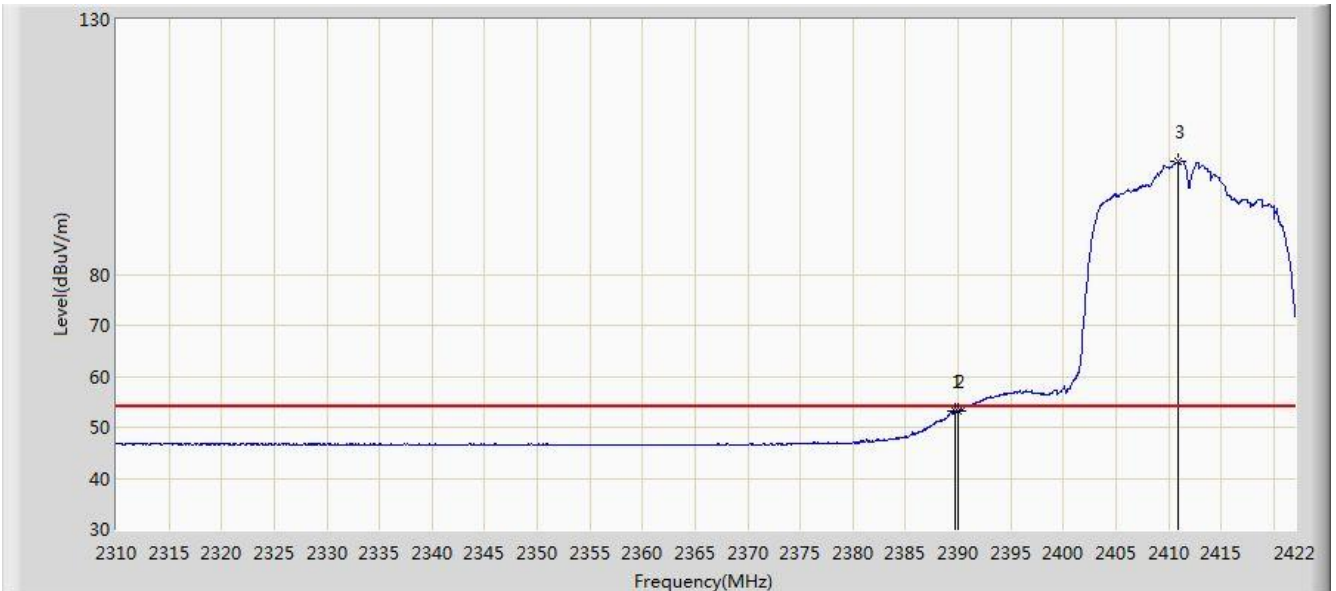


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.848	69.836	37.280	-4.164	74.000	32.556	PK
2			2390.000	69.320	36.766	-4.680	74.000	32.554	PK
3			2406.712	110.642	78.110	N/A	N/A	32.533	PK

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

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

Site: AC1	Time: 2017/10/19 - 11:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2412MHz Ant 0 + 1 (Beam-Forming Mode)	

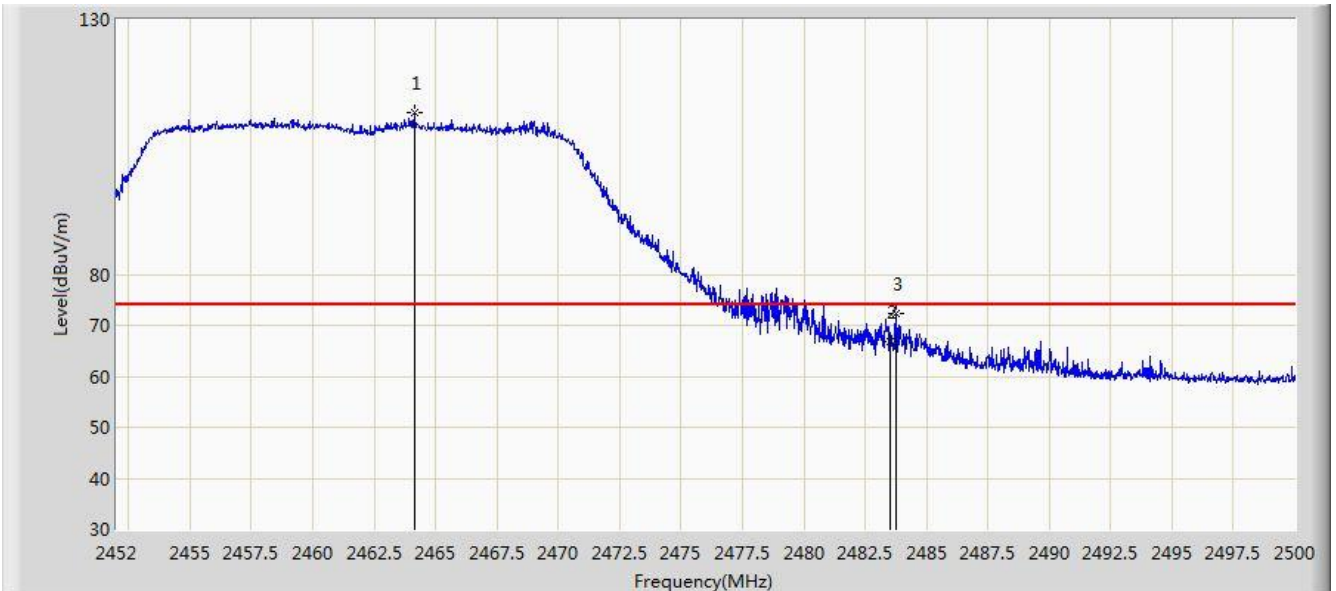


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2389.744	53.215	20.660	-0.785	54.000	32.555	AV
2			2390.000	53.250	20.696	-0.750	54.000	32.554	AV
3			2410.968	102.206	69.679	N/A	N/A	32.527	AV

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

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

Site: AC1	Time: 2017/10/19 - 11:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (Beam-Forming Mode)	

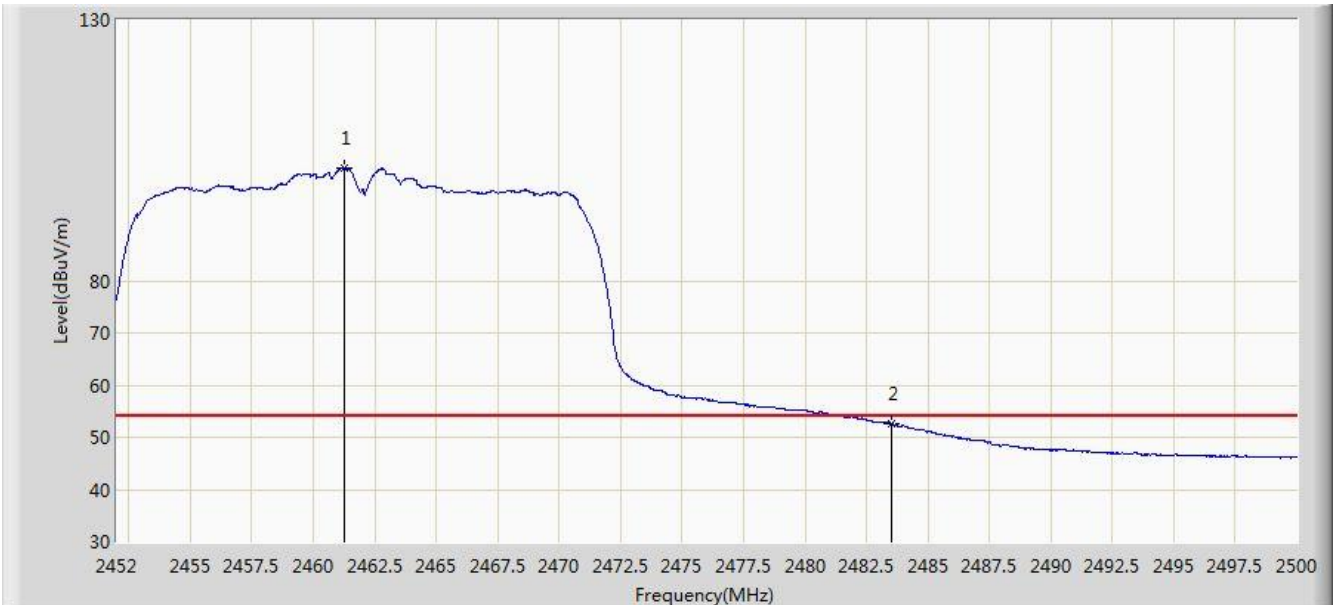


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2464.144	111.730	79.207	N/A	N/A	32.523	PK
2			2483.500	66.739	34.158	-7.261	74.000	32.580	PK
3			2483.752	72.425	39.844	-1.575	74.000	32.582	PK

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

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

Site: AC1	Time: 2017/10/19 - 11:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (Beam-Forming Mode)	

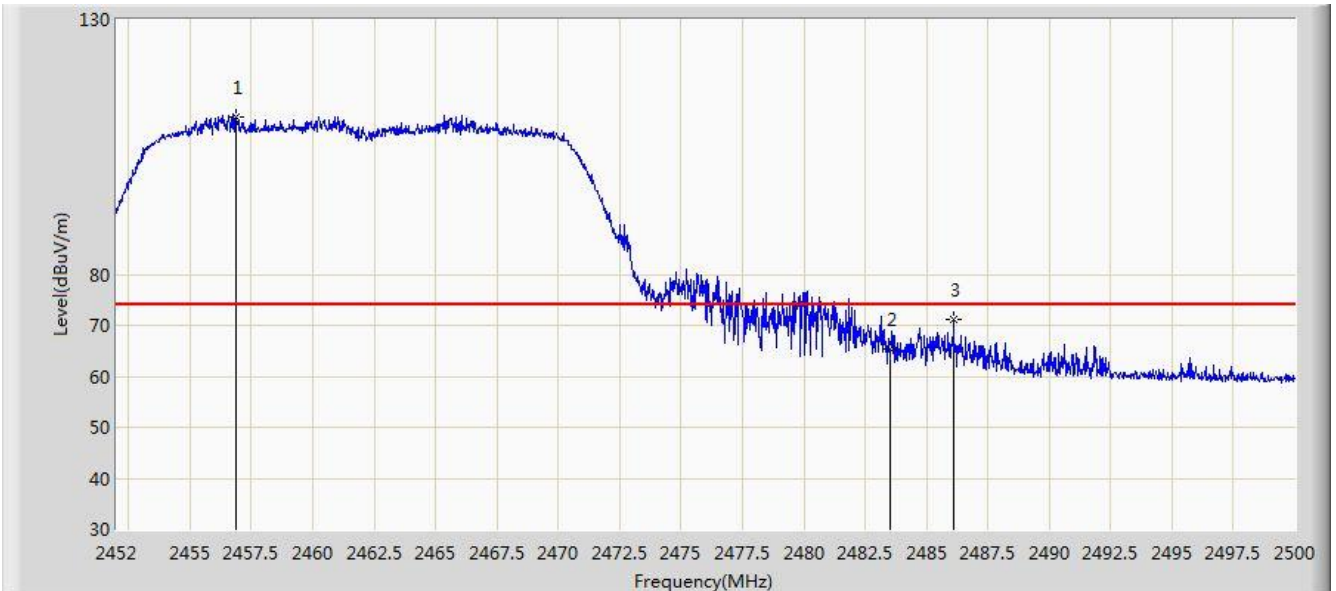


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	2461.240	101.688	69.173	N/A	N/A	32.515	AV
2			2483.500	52.608	20.028	-1.392	54.000	32.580	AV

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

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

Site: AC1	Time: 2017/10/19 - 11:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (Beam-Forming Mode)	

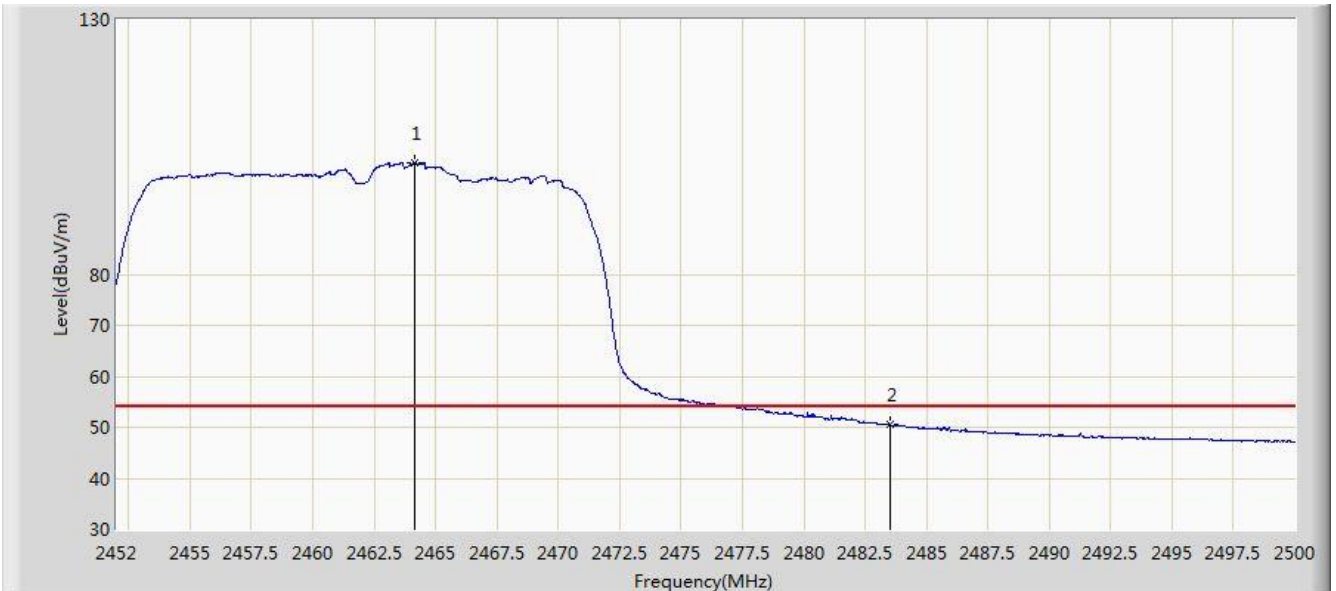


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2456.848	110.956	78.449	N/A	N/A	32.507	PK
2			2483.500	65.438	32.857	-8.562	74.000	32.580	PK
3			2486.104	71.302	38.714	-2.698	74.000	32.588	PK

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

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

Site: AC1	Time: 2017/10/19 - 11:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 2462MHz Ant 0 + 1 (Beam-Forming Mode)	

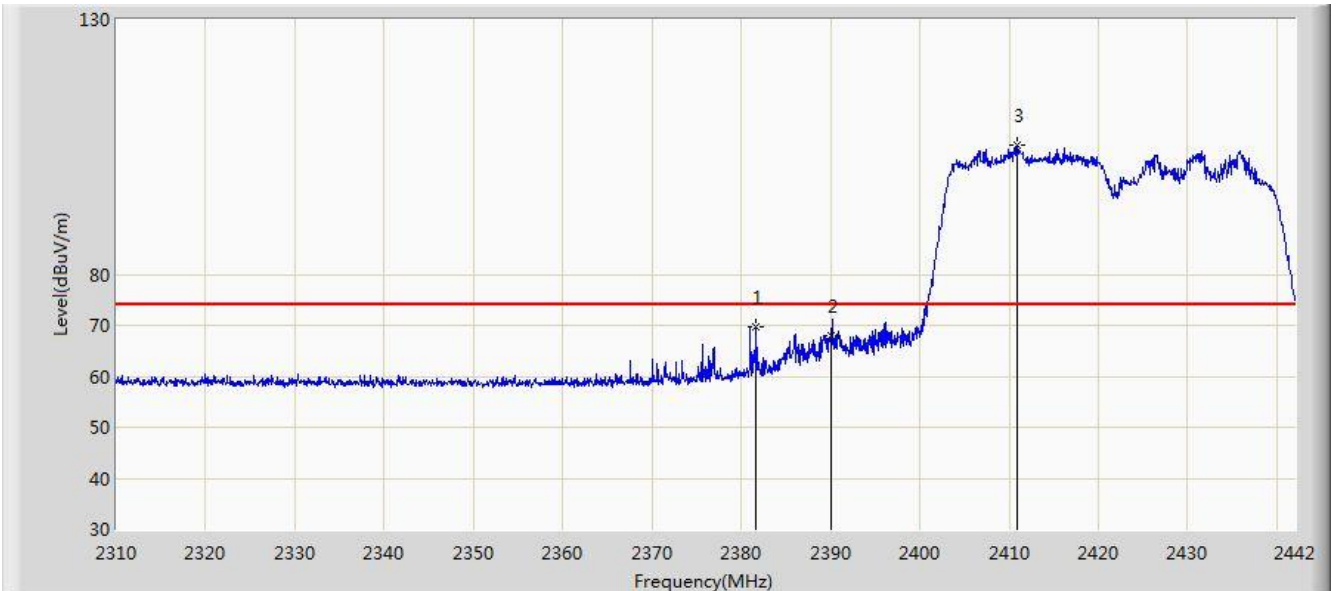


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2464.168	101.903	69.380	N/A	N/A	32.523	AV
2			2483.500	50.659	18.078	-3.341	54.000	32.580	AV

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

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

Site: AC1	Time: 2017/10/19 - 13:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (Beam-Forming Mode)	

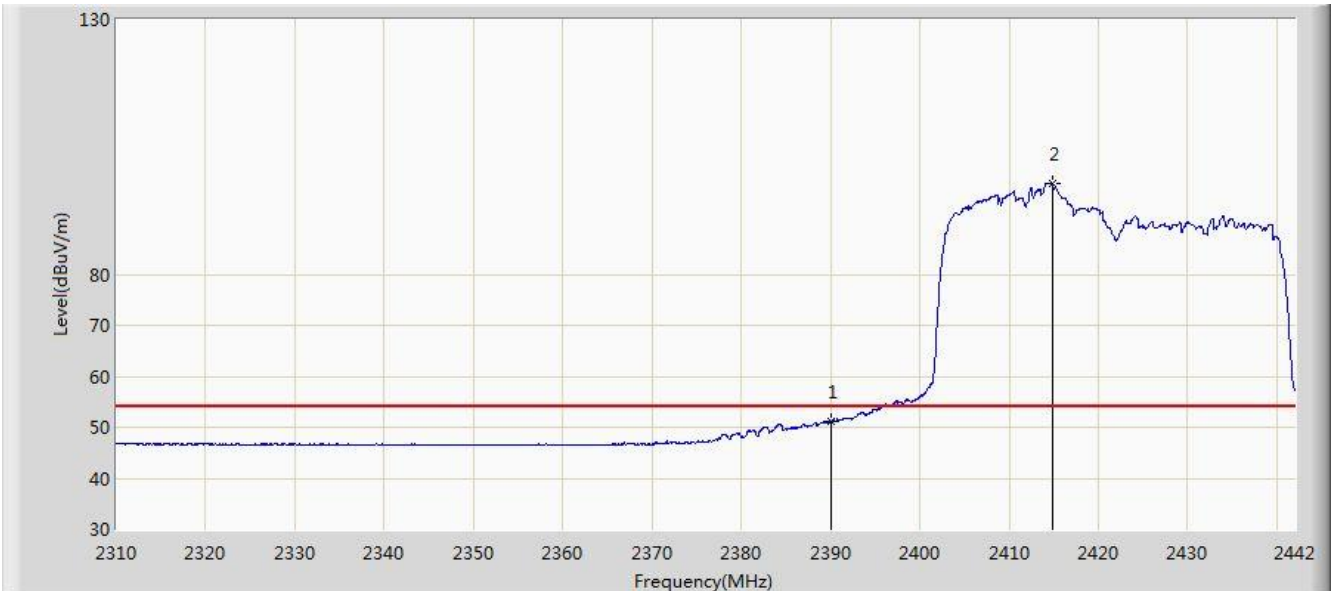


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2381.676	69.727	37.161	-4.273	74.000	32.566	PK
2			2390.000	68.048	35.494	-5.952	74.000	32.554	PK
3			2410.980	105.346	72.819	N/A	N/A	32.527	PK

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

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

Site: AC1	Time: 2017/10/19 - 13:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (Beam-Forming Mode)	

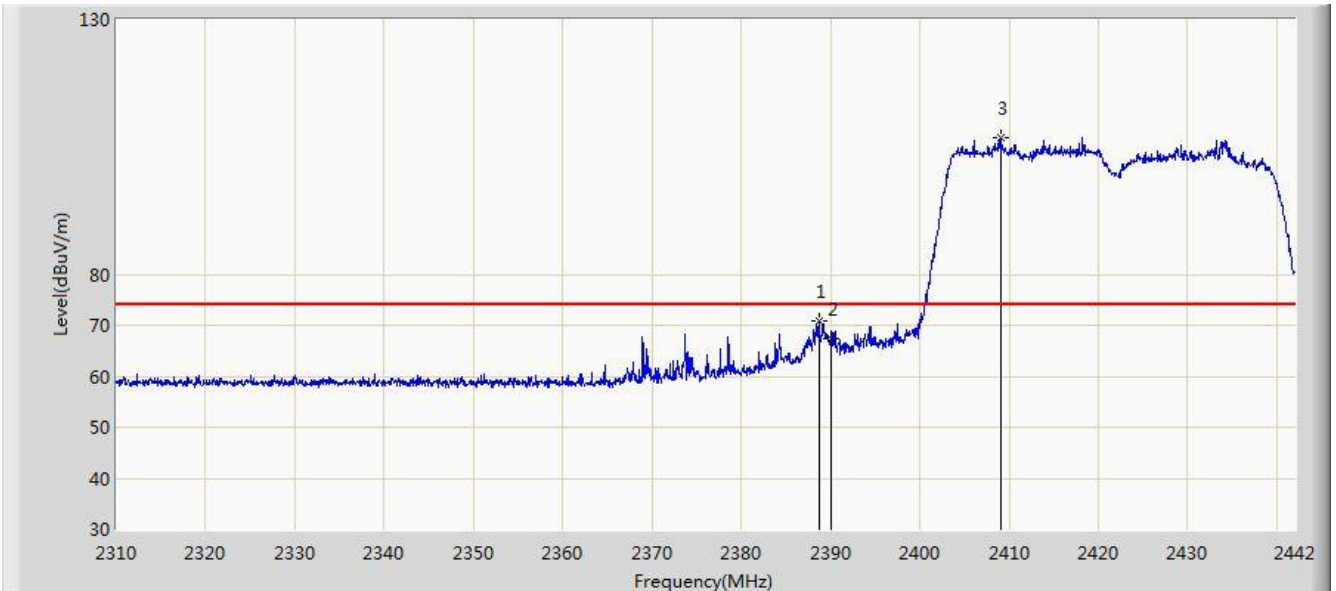


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	51.153	18.599	-2.847	54.000	32.554	AV
2			2414.808	97.921	65.399	N/A	N/A	32.522	AV

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

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

Site: AC1	Time: 2017/10/19 - 13:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (Beam-Forming Mode)	

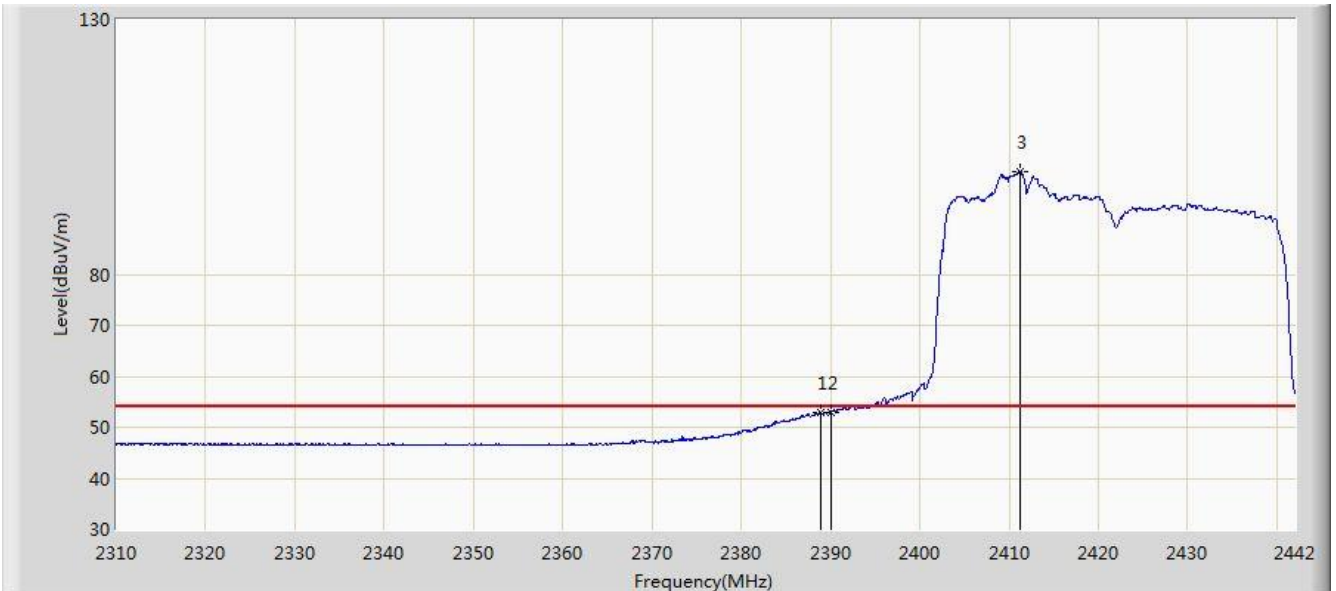


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.738	70.798	38.242	-3.202	74.000	32.557	PK
2			2390.000	67.479	34.925	-6.521	74.000	32.554	PK
3			2409.066	106.697	74.168	N/A	N/A	32.530	PK

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

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

Site: AC1	Time: 2017/10/19 - 13:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2422MHz Ant 0 + 1 (Beam-Forming Mode)	

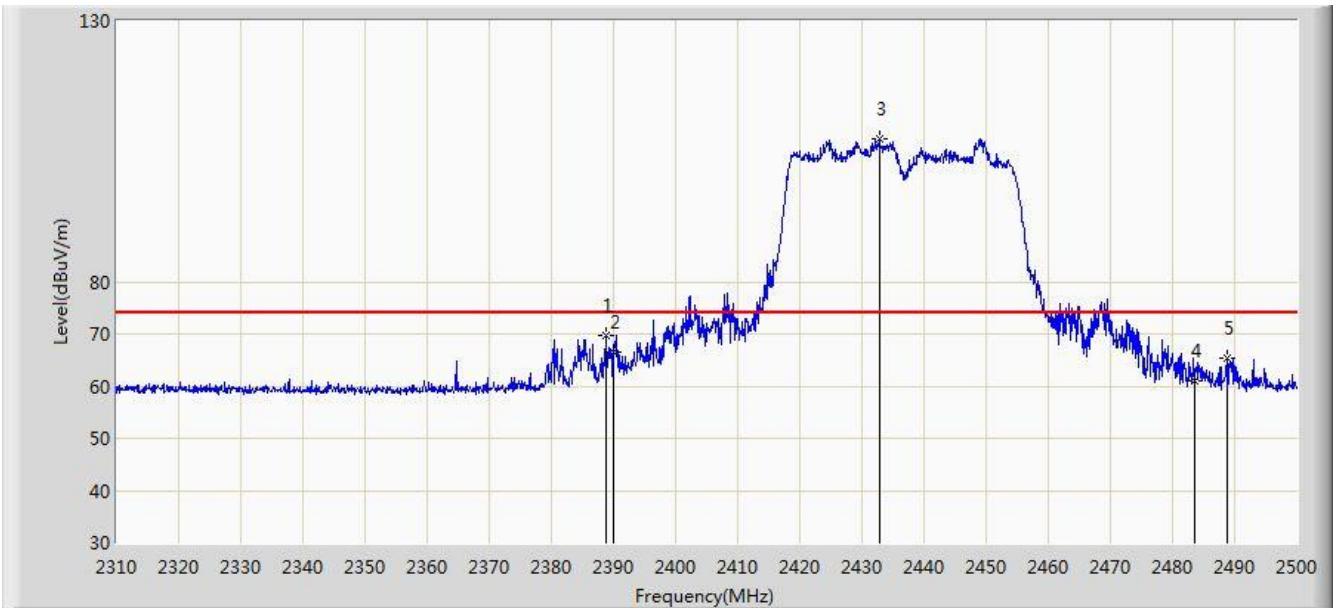


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.936	52.997	20.441	-1.003	54.000	32.556	AV
2			2390.000	52.947	20.393	-1.053	54.000	32.554	AV
3			2411.310	100.150	67.624	N/A	N/A	32.526	AV

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

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

Site: AC1	Time: 2017/10/19 - 18:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz Ant 0 + 1 (Beam-Forming Mode)	

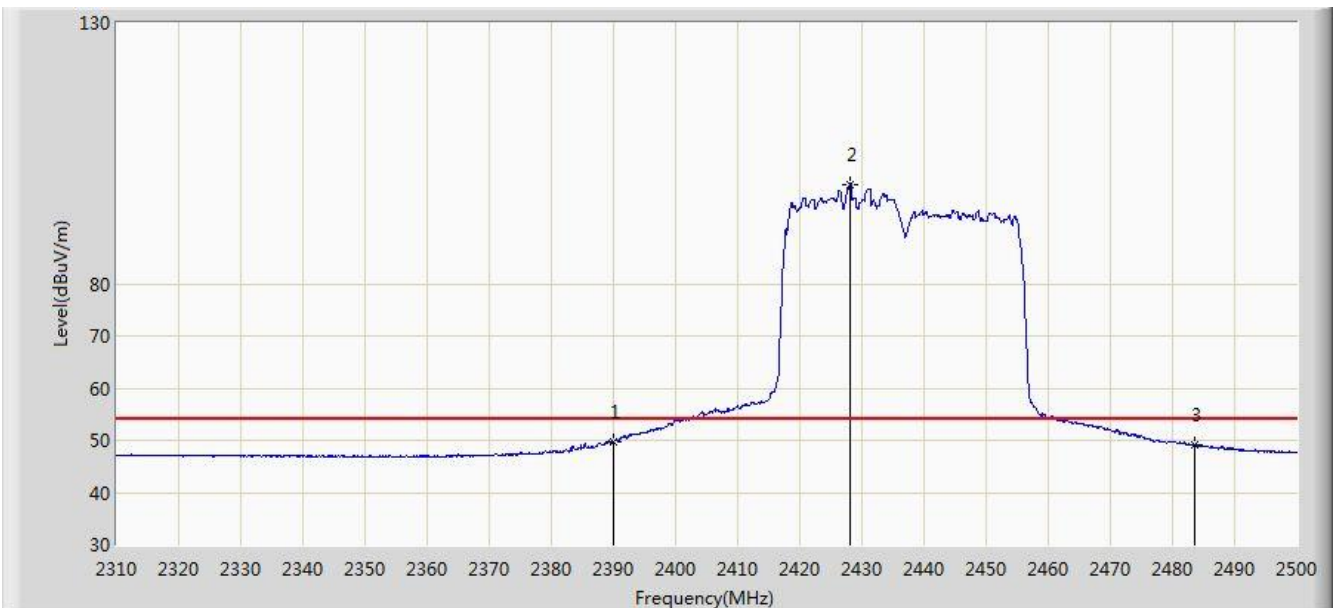


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2388.755	69.809	37.253	-4.191	74.000	32.557	PK
2			2390.000	66.537	33.983	-7.463	74.000	32.554	PK
3		*	2432.740	107.447	74.946	N/A	N/A	32.501	PK
4			2483.500	61.097	28.516	-12.903	74.000	32.580	PK
5			2488.695	65.453	32.857	-8.547	74.000	32.596	PK

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

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

Site: AC1	Time: 2017/10/19 - 18:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz Ant 0 + 1 (Beam-Forming Mode)	

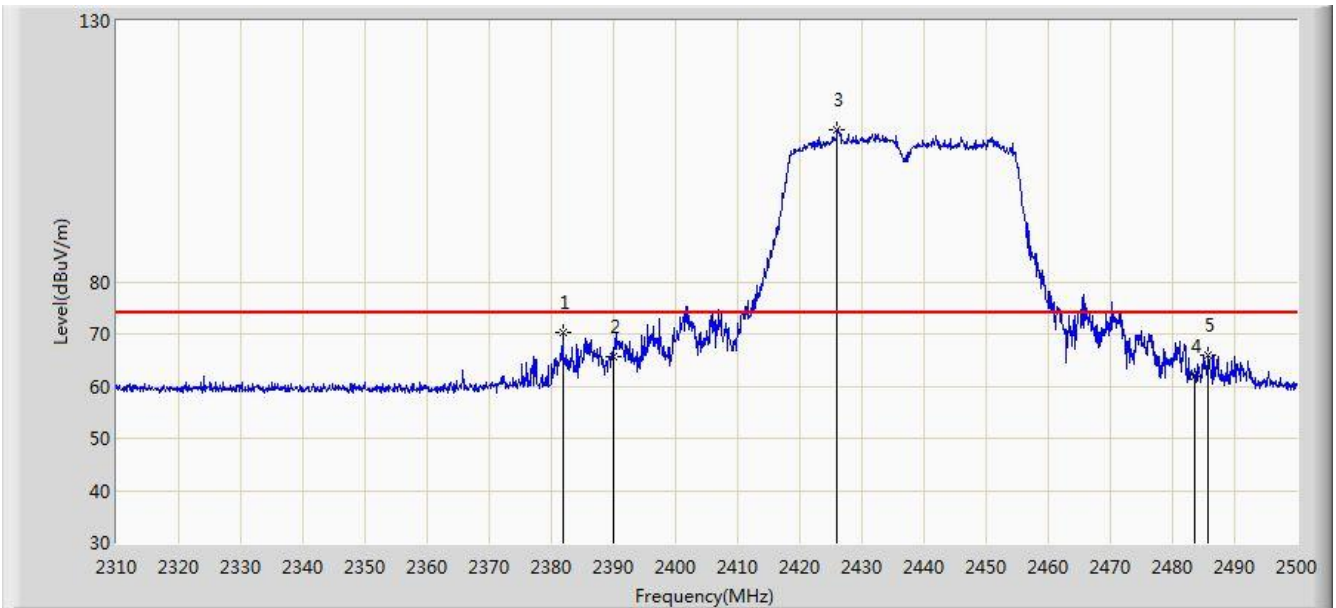


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	49.806	17.252	-4.194	54.000	32.554	AV
2		*	2428.085	99.127	66.621	N/A	N/A	32.507	AV
3			2483.500	49.026	16.445	-4.974	54.000	32.580	AV

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

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

Site: AC1	Time: 2017/10/19 - 18:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz Ant 0 + 1 (Beam-Forming Mode)	

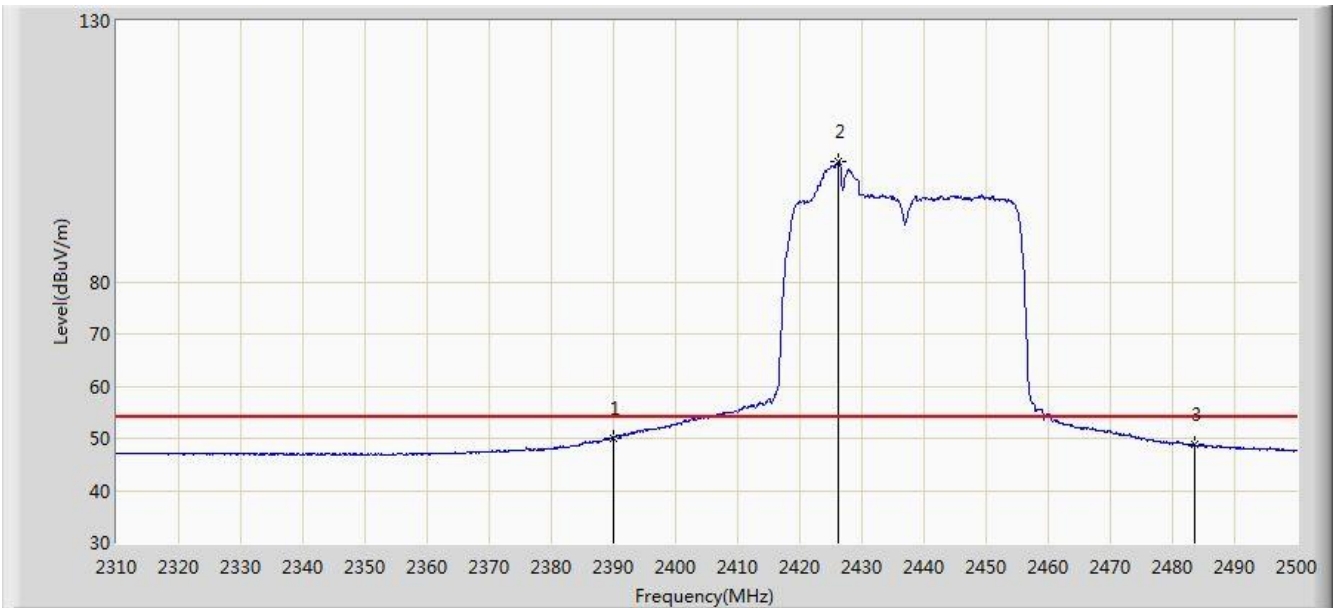


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2381.820	70.325	37.759	-3.675	74.000	32.566	PK
2			2390.000	65.523	32.969	-8.477	74.000	32.554	PK
3		*	2425.995	109.127	76.618	N/A	N/A	32.509	PK
4			2483.500	61.794	29.213	-12.206	74.000	32.580	PK
5			2485.750	65.982	33.395	-8.018	74.000	32.587	PK

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

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

Site: AC1	Time: 2017/10/19 - 18:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2437MHz Ant 0 + 1 (Beam-Forming Mode)	

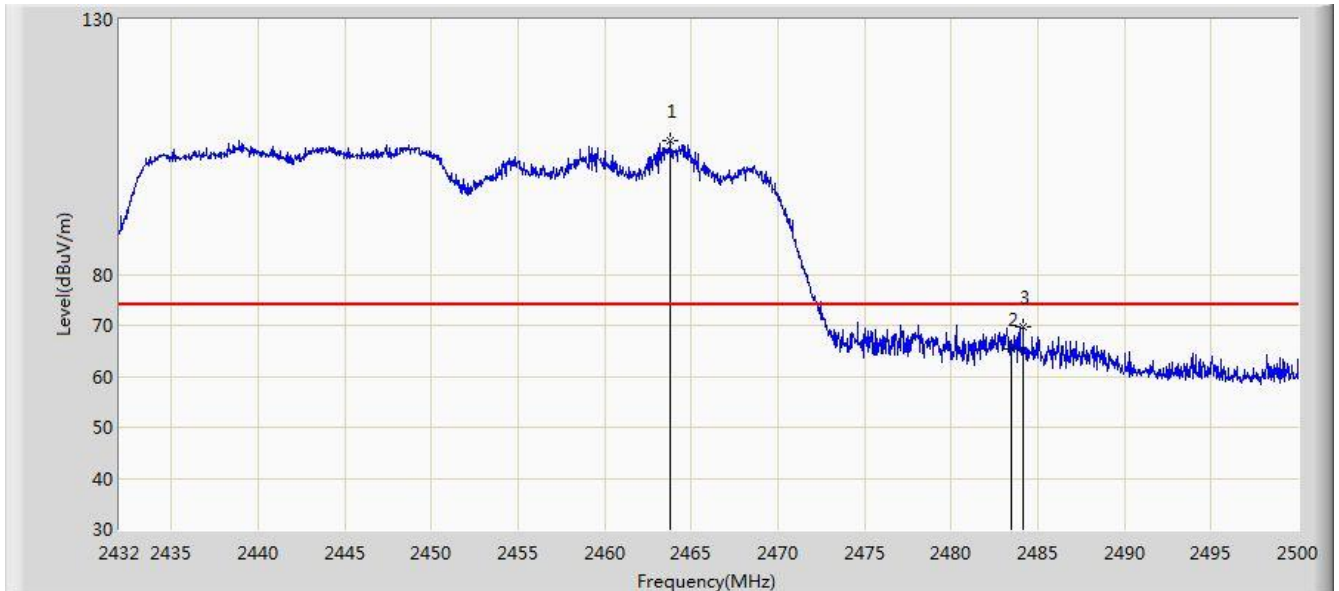


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2390.000	50.080	17.526	-3.920	54.000	32.554	AV
2		*	2426.280	103.098	70.589	N/A	N/A	32.508	AV
3			2483.500	48.955	16.374	-5.045	54.000	32.580	AV

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

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

Site: AC1	Time: 2017/10/19 - 14:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0 + 1 (Beam-Forming Mode)	

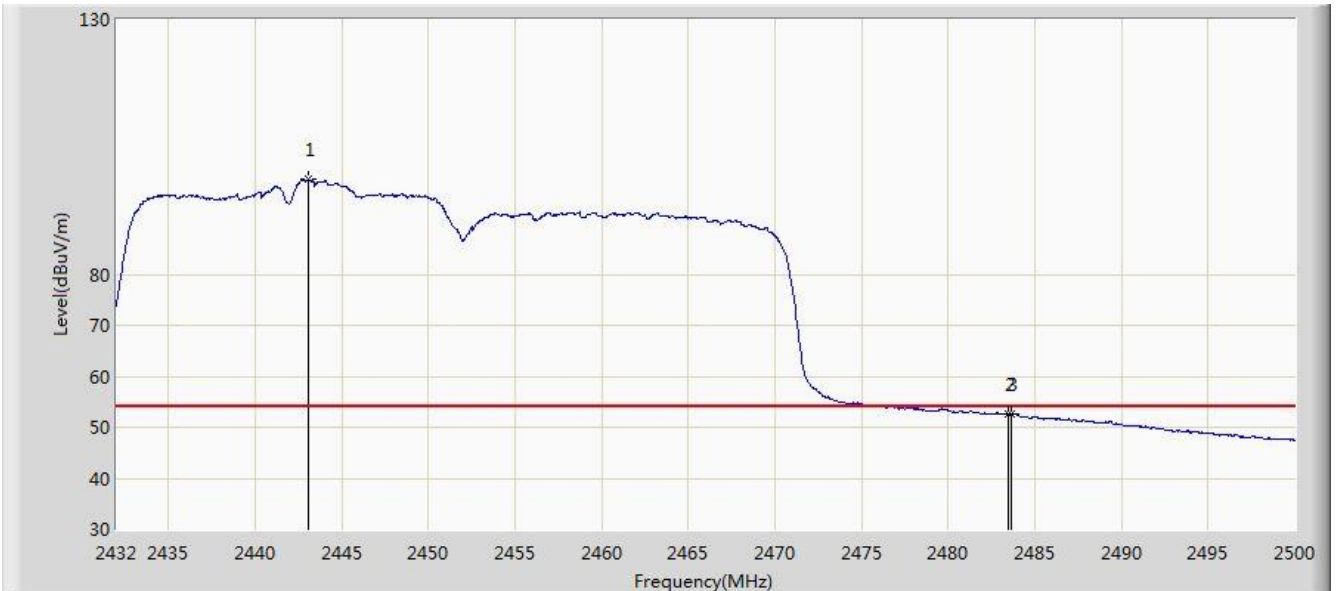


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2463.790	106.193	73.671	N/A	N/A	32.521	PK
2			2483.500	65.385	32.804	-8.615	74.000	32.580	PK
3			2484.156	69.576	36.993	-4.424	74.000	32.582	PK

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

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

Site: AC1	Time: 2017/10/19 - 14:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0 + 1 (Beam-Forming Mode)	

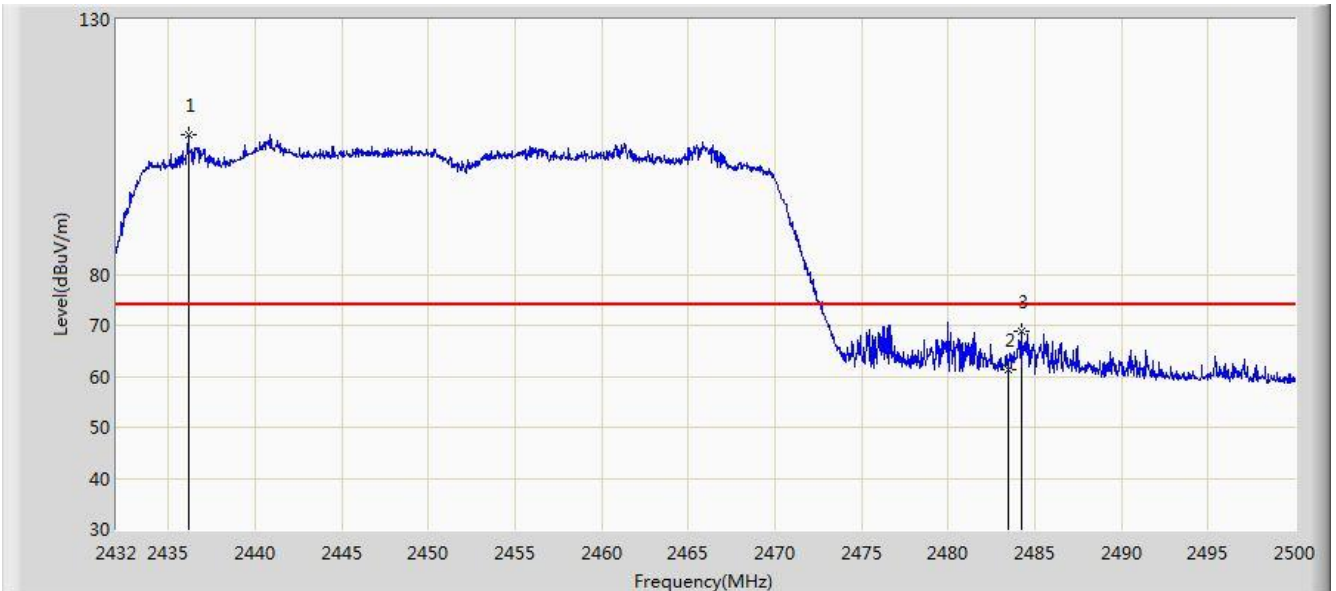


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2443.118	98.603	66.114	N/A	N/A	32.489	AV
2			2483.500	52.599	20.018	-1.401	54.000	32.580	AV
3			2483.612	52.598	20.017	-1.402	54.000	32.581	AV

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

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

Site: AC1	Time: 2017/10/19 - 14:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 2452MHz Ant 0 + 1 (Beam-Forming Mode)	

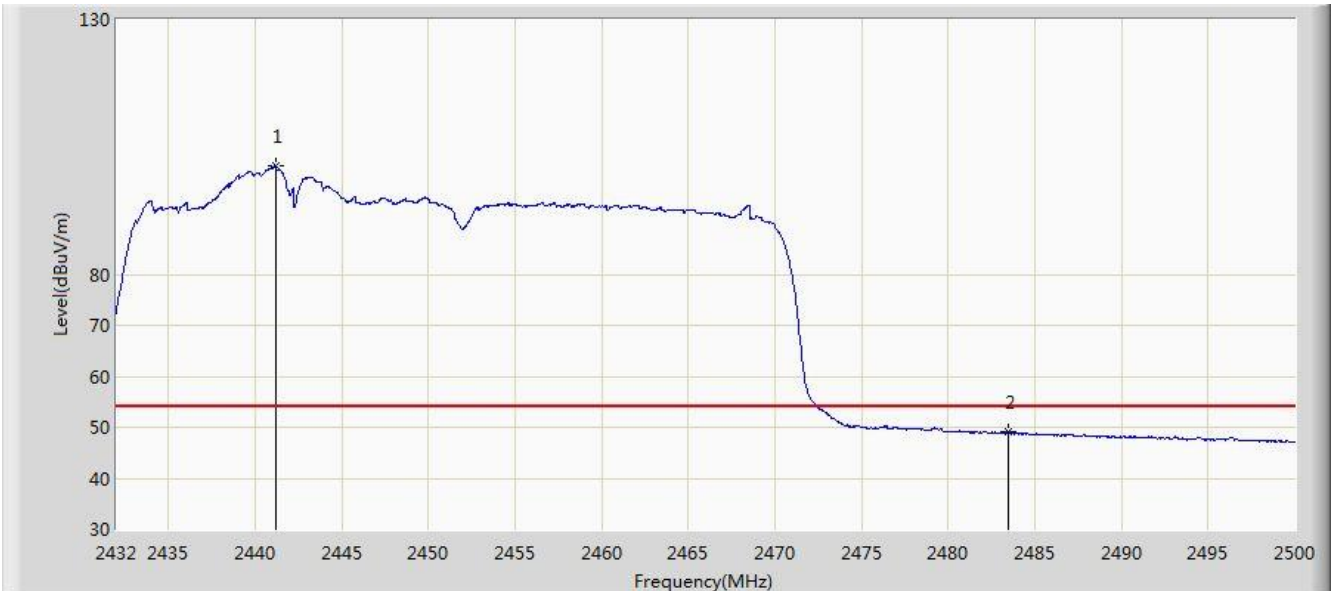


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			2436.148	107.291	74.794	N/A	N/A	32.497	PK
2			2483.500	61.297	28.716	-12.703	74.000	32.580	PK
3			2484.224	68.874	36.291	-5.126	74.000	32.583	PK

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

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

Site: AC1	Time: 2017/10/19 - 14:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
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	101.268	68.777	N/A	N/A	32.491	AV
2			2483.500	49.019	16.438	-4.981	54.000	32.580	AV

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

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

5.7. 佔用頻道寬度

5.7.1. 適用標準

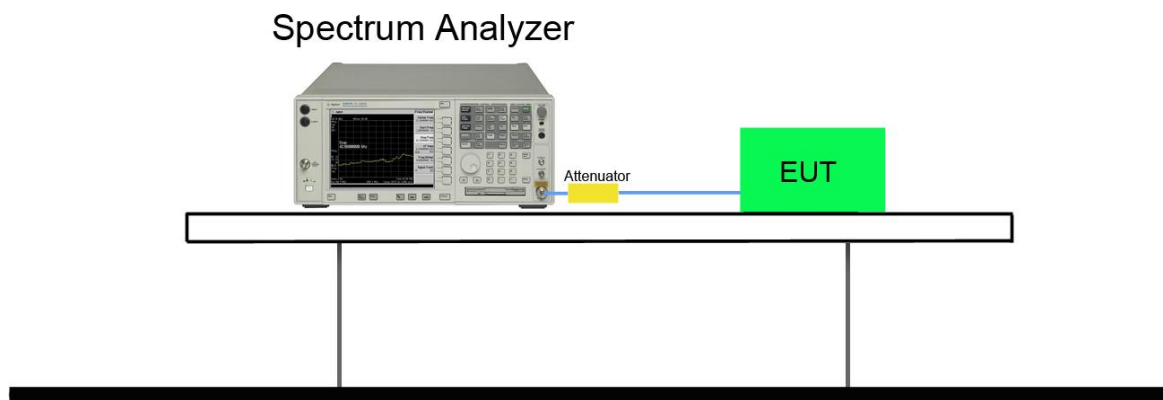
依據國家通訊傳播委員會低功率射頻電機技術規範之第 3.10.1.6(2)(A)節之要求，6dB 頻寬至少應有 500kHz。

5.7.2. 量測方法

待測物之天線埠經由適當之衰減直接連至頻譜分析儀 RF 輸入端，設定頻譜分析儀之解析度頻寬為 100kHz，視訊頻寬不小於解析度頻寬，頻率掃瞄範圍(SPAN)遠大於解析度頻寬。

待測物應在正常發射狀態下量測。

5.7.3. 測試架構圖



5.7.4. 佔用頻帶寬度測試結果

Product	ACCESS POINT	Temperature	23°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	SR2	Test Date	2017/10/18

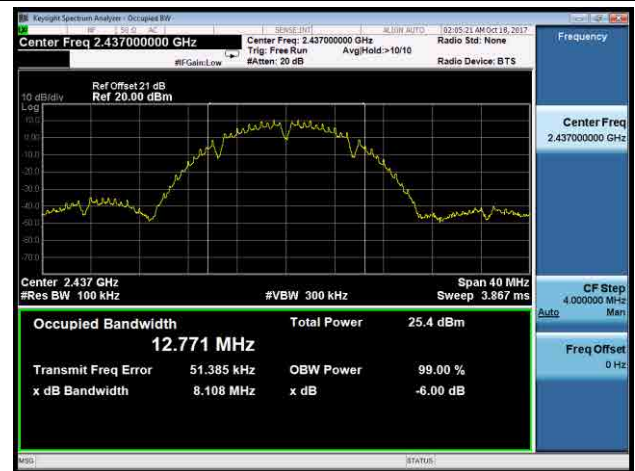
Test Mode	Data Rate / MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
Ant 1 / Ant 0 + 1						
802.11b	1Mbps	01	2412	8.11	≥ 0.5	Pass
802.11b	1Mbps	06	2437	8.11	≥ 0.5	Pass
802.11b	1Mbps	11	2462	8.11	≥ 0.5	Pass
802.11g	6Mbps	01	2412	16.39	≥ 0.5	Pass
802.11g	6Mbps	06	2437	16.37	≥ 0.5	Pass
802.11g	6Mbps	11	2462	16.38	≥ 0.5	Pass
802.11n-HT20	MCS0	01	2412	17.62	≥ 0.5	Pass
802.11n-HT20	MCS0	06	2437	17.60	≥ 0.5	Pass
802.11n-HT20	MCS0	11	2462	17.61	≥ 0.5	Pass
802.11n-HT40	MCS0	03	2422	35.29	≥ 0.5	Pass
802.11n-HT40	MCS0	06	2437	35.21	≥ 0.5	Pass
802.11n-HT40	MCS0	09	2452	35.18	≥ 0.5	Pass

802.11b 6dB Bandwidth - Ant 1 / Ant 0 + 1

Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



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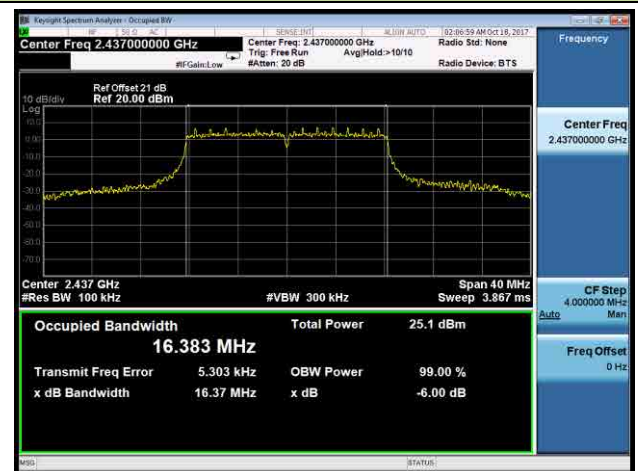
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802.11g 6dB Bandwidth - Ant 1 / Ant 0 + 1

Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)

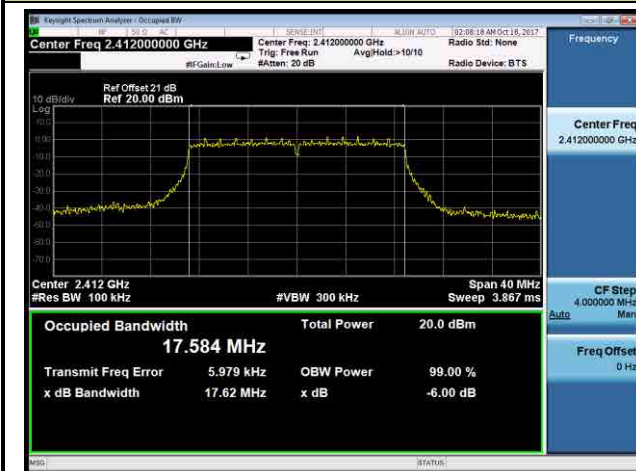


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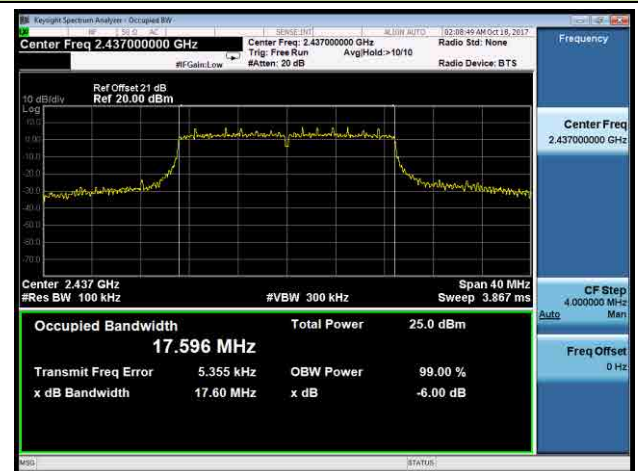
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802.11n-HT20 6dB Bandwidth - Ant 1 / Ant 0 + 1

Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)

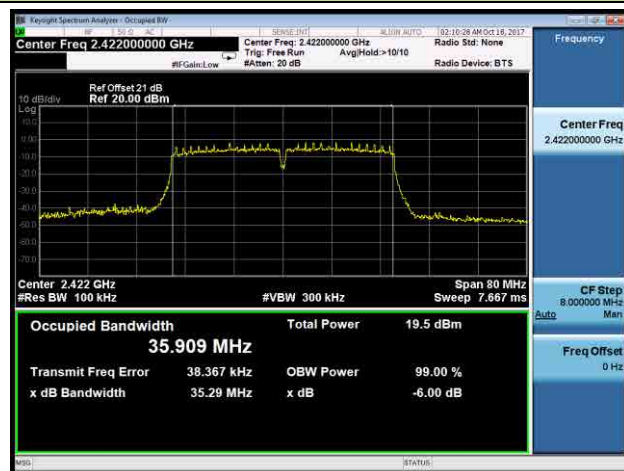


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802.11n-HT40 6dB Bandwidth - Ant 1 / Ant 0 + 1

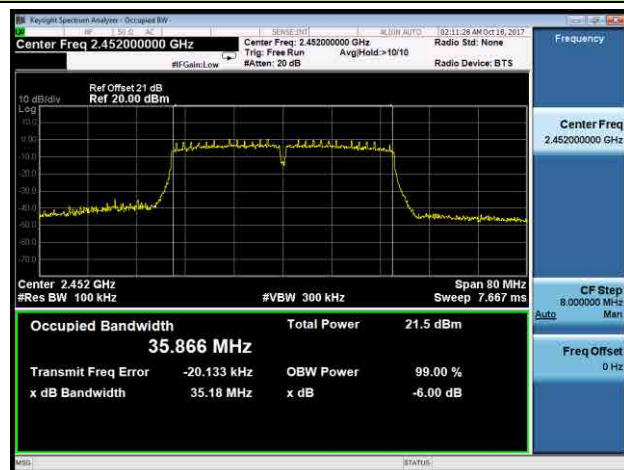
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



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5.8. 發射電功率密度

5.8.1. 適用標準

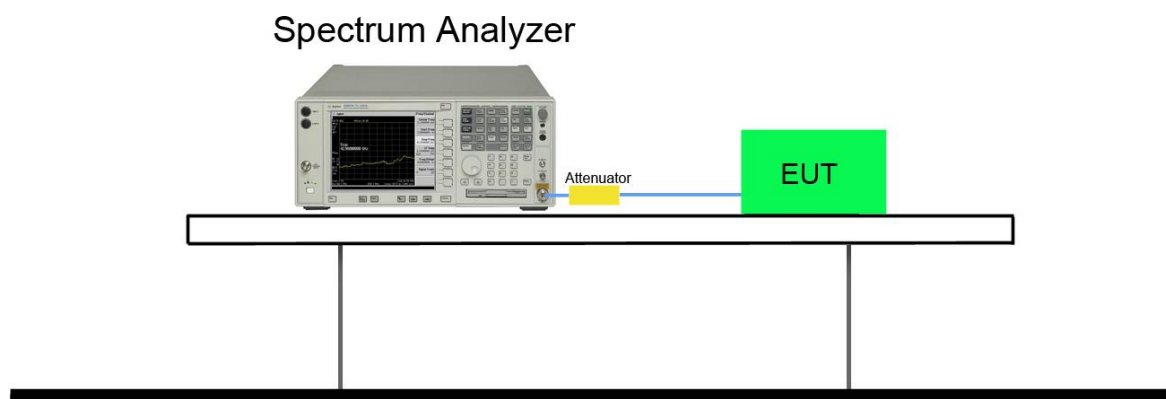
依據國家通訊傳播委員會低功率射頻電機技術規範之第 3.10.1.6(2)(B)節，在使用頻率範圍之任意 3 千赫(kHz)頻寬內，由發射機傳導至天線之峰值發射電功率密度在任意期間內，皆不得大於 8dBm。

5.8.2. 量測方法

待測物之天線埠經由適當之衰減直接連至頻譜分析儀 RF 輸入端。找出發射峰值並擴展於通帶內，設定頻譜分析儀之解析度頻寬為 3kHz，視訊頻寬大於解析度頻寬，掃瞄時間為頻率掃瞄範圍除以 3kHz。
($\text{SWEEP TIME} = \text{SPAN}/3\text{kHz}$)。

待測物應在正常發射狀態下量測。

5.8.3. 測試架構圖



5.8.4. 功率密度量測結果

Product	ACCESS POINT	Temperature	23°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	SR2	Test Date	2017/11/03
Test Item	Power Spectral Density		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 AVGPDS (dBm / 10kHz)	Ant 1 AVGPDS (dBm / 10kHz)	Duty Cycle (%)	Total AVGPDS (dBm / 10kHz)	Limit (dBm / 3kHz)	Result
Ant 0 + 1 (CDD Mode)									
11b	1Mbps	1	2412	-7.82	-7.98	98.80	-4.89	≤ 8.00	Pass
11b	1Mbps	6	2437	-6.80	-7.69	98.80	-4.21	≤ 8.00	Pass
11b	1Mbps	11	2462	-7.21	-7.59	98.80	-4.39	≤ 8.00	Pass
11g	6Mbps	1	2412	-14.28	-14.72	98.04	-11.48	≤ 8.00	Pass
11g	6Mbps	6	2437	-10.85	-11.15	98.04	-7.99	≤ 8.00	Pass
11g	6Mbps	11	2462	-13.19	-13.27	98.04	-10.22	≤ 8.00	Pass
11n-HT20	MCS0	1	2412	-15.33	-15.50	98.03	-12.4	≤ 8.00	Pass
11n-HT20	MCS0	6	2437	-10.64	-10.09	98.03	-7.35	≤ 8.00	Pass
11n-HT20	MCS0	11	2462	-12.81	-13.33	98.03	-10.05	≤ 8.00	Pass
11n-HT40	MCS0	3	2422	-19.71	-19.48	95.22	-16.37	≤ 8.00	Pass
11n-HT40	MCS0	6	2437	-15.92	-15.90	95.22	-12.69	≤ 8.00	Pass
11n-HT40	MCS0	9	2452	-17.62	-17.35	95.22	-14.26	≤ 8.00	Pass
Ant 0 + 1 (Beam-Forming Mode)									
11n-HT20	MCS0	1	2412	-11.57	-11.54	98.03	-8.55	≤ 8.00	Pass
11n-HT20	MCS0	6	2437	-9.95	-9.54	98.03	-6.73	≤ 8.00	Pass
11n-HT20	MCS0	11	2462	-10.74	-10.11	98.03	-7.40	≤ 8.00	Pass
11n-HT40	MCS0	3	2422	-17.23	-16.70	95.22	-13.73	≤ 8.00	Pass
11n-HT40	MCS0	6	2437	-14.94	-14.71	95.22	-11.60	≤ 8.00	Pass
11n-HT40	MCS0	9	2452	-16.66	-16.62	95.22	-13.41	≤ 8.00	Pass

Note 1: When EUT duty cycle ≥ 98%, Total AVGPDS = $10 \cdot \log \{10^{(\text{Ant 0 AVGPDS}/10)} + 10^{(\text{Ant 1 AVGPDS}/10)}\}$.

Note 2: When EUT duty cycle < 98%, Total AVGPDS = $10 \cdot \log \{10^{(\text{Ant 0 AVGPDS}/10)} + 10^{(\text{Ant 1 AVGPDS}/10)}\} + 10 \cdot \log (1/\text{duty cycle})$.

802.11b AVGPSPD - Ant 0 / Ant 0 + 1 (CDD Mode)

Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



802.11g AVGPSPD - Ant 0 / Ant 0 + 1 (CDD Mode)

Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



Channel 06 (2437MHz)



Marker 1 2.457931221020 GHz
 FREQ: Fast $\leftrightarrow$ Trig: Free Run
 IF Gain: Low #Att: 20 dB

Ref Offset 21 dB
 Ref 10.00 dBm

Avg Type: RMS
 Avg Hold: 100/100

TRACE 1 2.457931221020 GHz
 Type: Waveform
 Off: 0.000000 Hz

Mkr1 2.457 931 2 GHz
-12.810 dBm

Center 2.46200 GHz
 #Res BW 10 kHz
 #VBW 30 kHz*

Span 27.00 MHz
 Sweep 333.6 ms (11000 pts)

10 dBmV
 0.00
 -10.0
 -20.0
 -30.0
 -40.0
 -50.0
 -60.0
 -70.0
 -80.0

2.457
 2.458
 2.459
 2.460
 2.461
 2.462
 2.463
 2.464
 2.465
 2.466
 2.467
 2.468
 2.469
 2.470

1

Peak Search
 Next Peak
 Next Pk Right
 Next Pk Left
 Marker Delta
 Mkr1--CF
 Mkr--Ref Lvl
 More
 1 of 2

802.11n-HT40 AVGPSD - Ant 0 / Ant 0 + 1 (CDD Mode)

Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



802.11b AVGPSPD - Ant 1 / Ant 0 + 1 (CDD Mode)

Channel 01 (2412MHz)



Channel 06 (2437MHz)

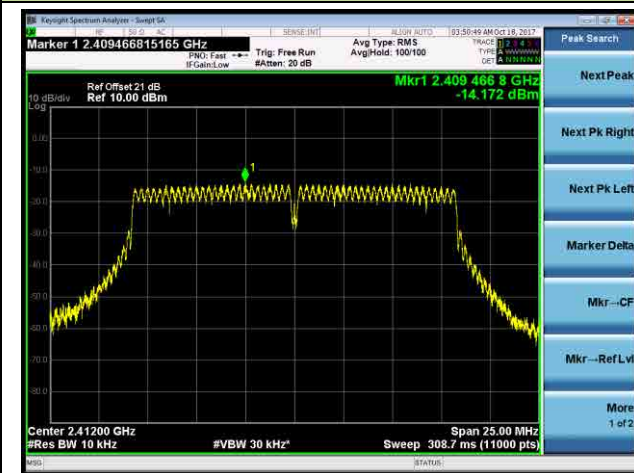


Channel 11 (2462MHz)



802.11g AVGPSPD - Ant 1 / Ant 0 + 1 (CDD Mode)

Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)



802.11n-HT20 AVGPSD - Ant 1 / Ant 0 + 1 (CDD Mode)

Channel 01 (2412MHz)



Channel 06 (2437MHz)

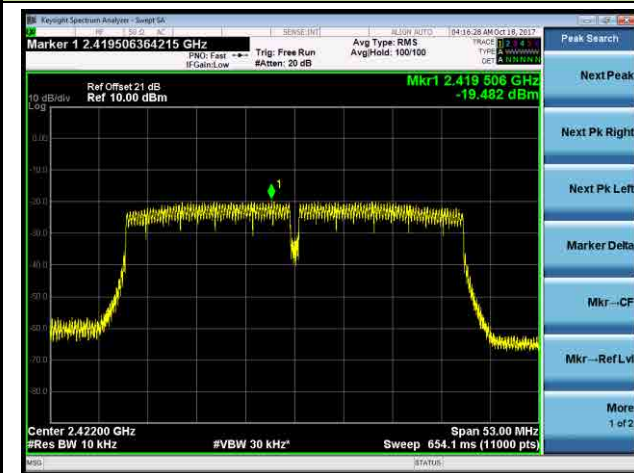


Channel 11 (2462MHz)



802.11n-HT40 AVGPSD - Ant 1 / Ant 0 + 1 (CDD Mode)

Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



802.11n-HT20 AVGPSD - Ant 0 / Ant 0 + 1 (Beam-Forming Mode)

Channel 01 (2412MHz)



Channel 06 (2437MHz)

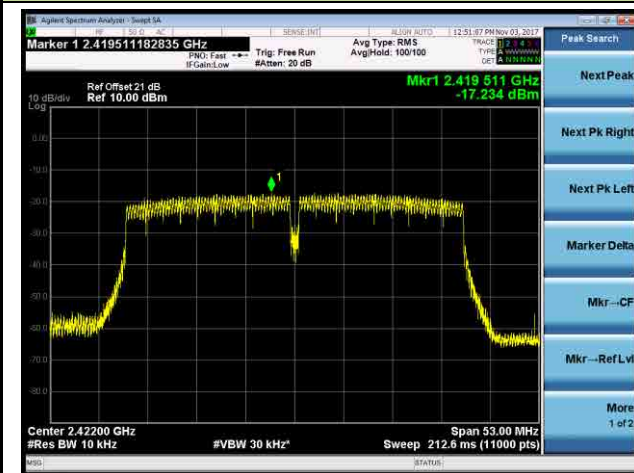


Channel 11 (2462MHz)



802.11n-HT40 AVGPSD - Ant 0 / Ant 0 + 1 (Beam-Forming Mode)

Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



802.11n-HT20 AVGPSD - Ant 1 / Ant 0 + 1 (Beam-Forming Mode)

Channel 01 (2412MHz)



Channel 06 (2437MHz)



Channel 11 (2462MHz)

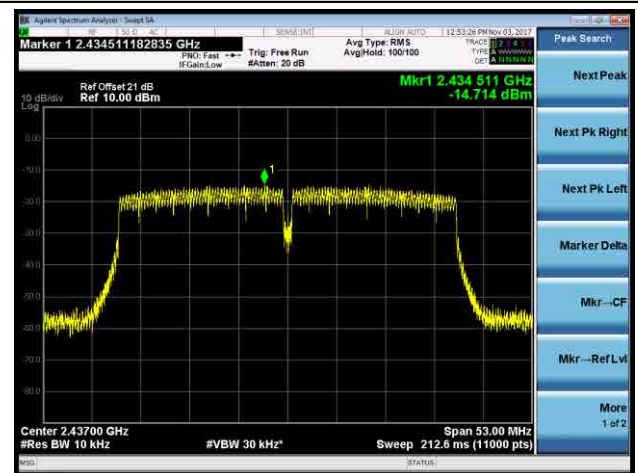


802.11n-HT40 AVGPSD - Ant 1 / Ant 0 + 1 (Beam-Forming Mode)

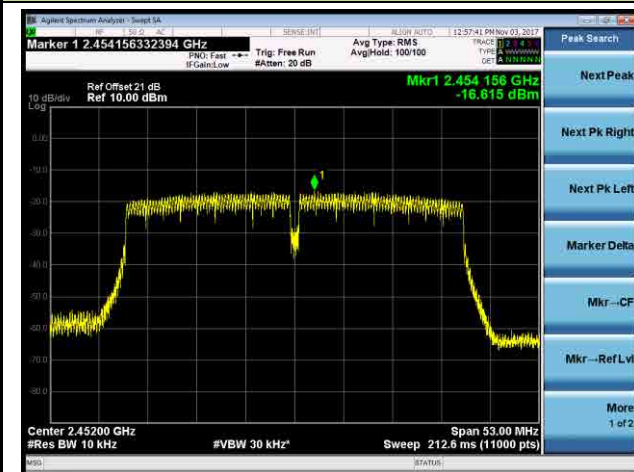
Channel 03 (2422MHz)



Channel 06 (2437MHz)



Channel 09 (2452MHz)



End