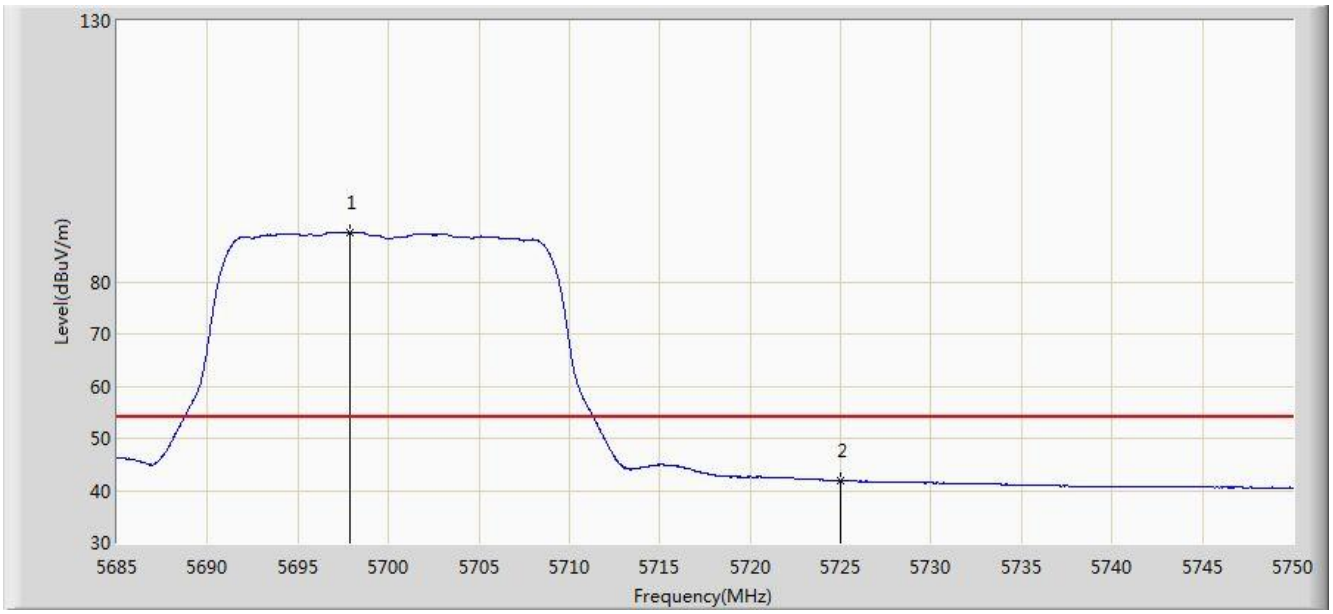
Site: AC1	Time: 2016/09/13 - 20:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 3	

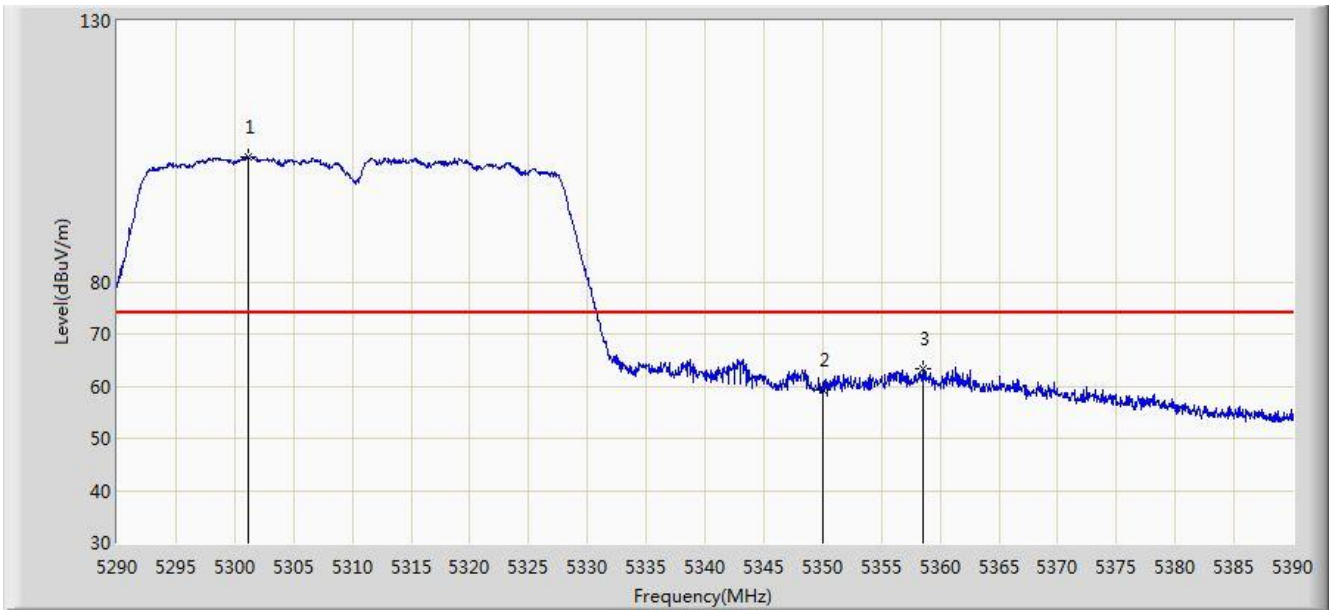


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5697.902	89.337	84.470	N/A	N/A	4.867	AV
2			5725.000	41.966	36.937	-12.034	54.000	5.029	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 20:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 3	

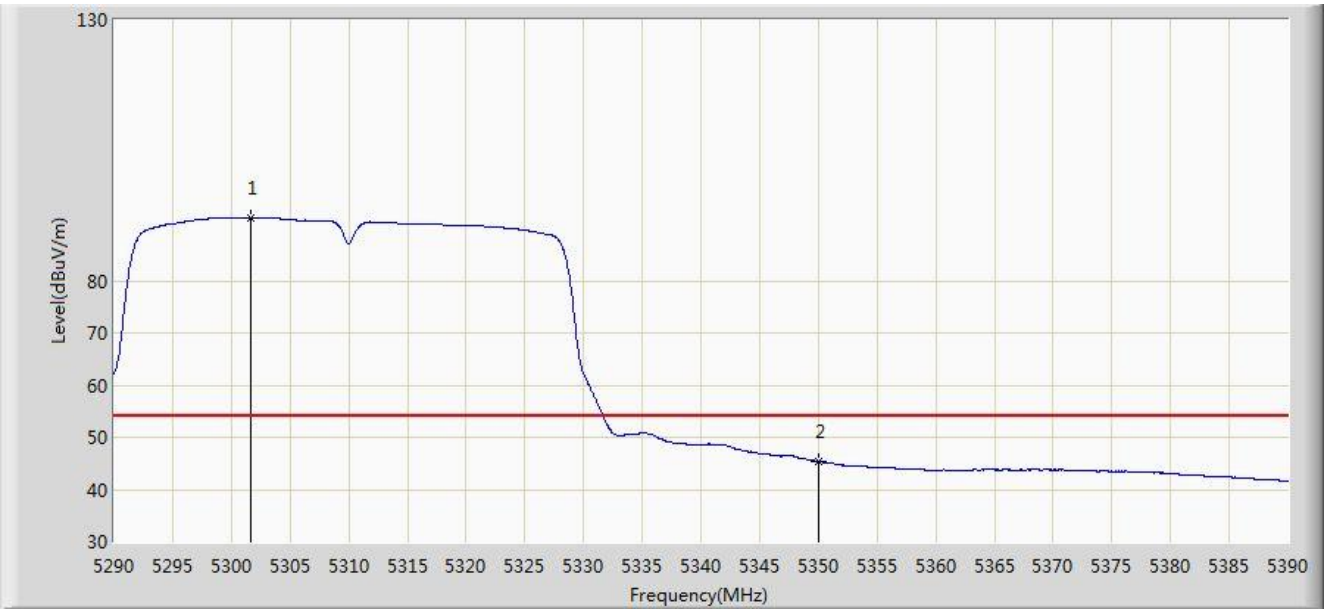


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5301.150	103.841	100.028	N/A	N/A	3.813	PK
2			5350.000	59.267	55.362	-14.733	74.000	3.904	PK
3			5358.500	63.418	59.498	-10.582	74.000	3.919	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 20:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 3	

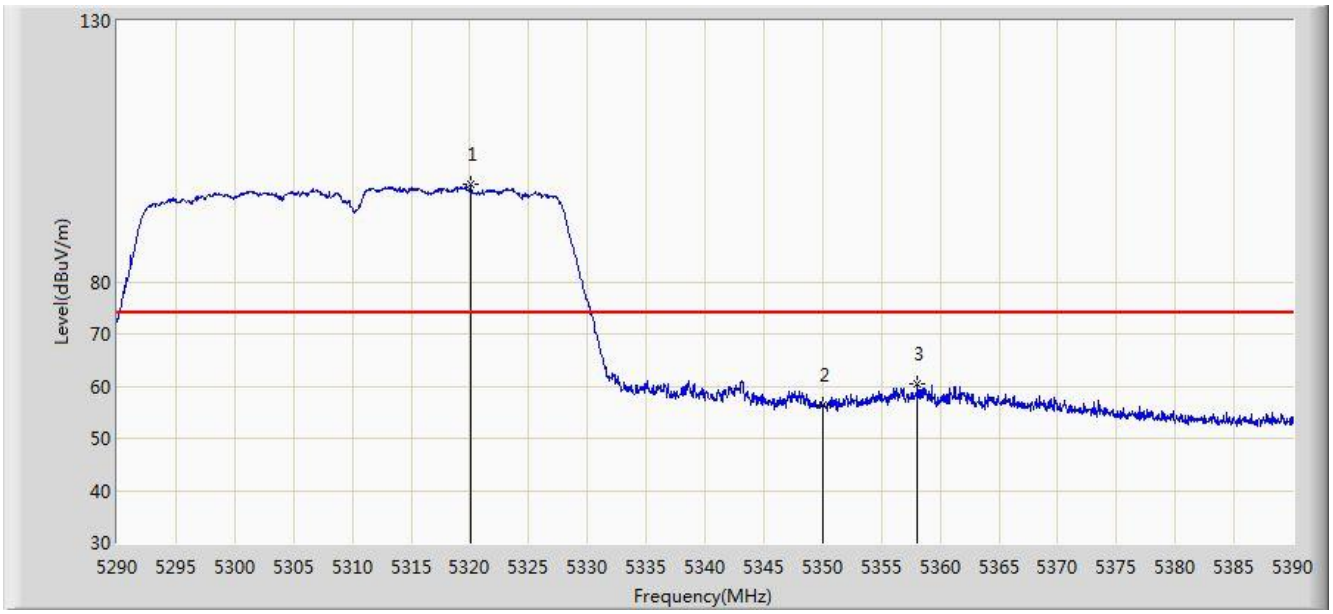


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5301.600	92.001	88.187	N/A	N/A	3.814	AV
2			5350.000	45.347	41.442	-8.653	54.000	3.904	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 20:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 3	

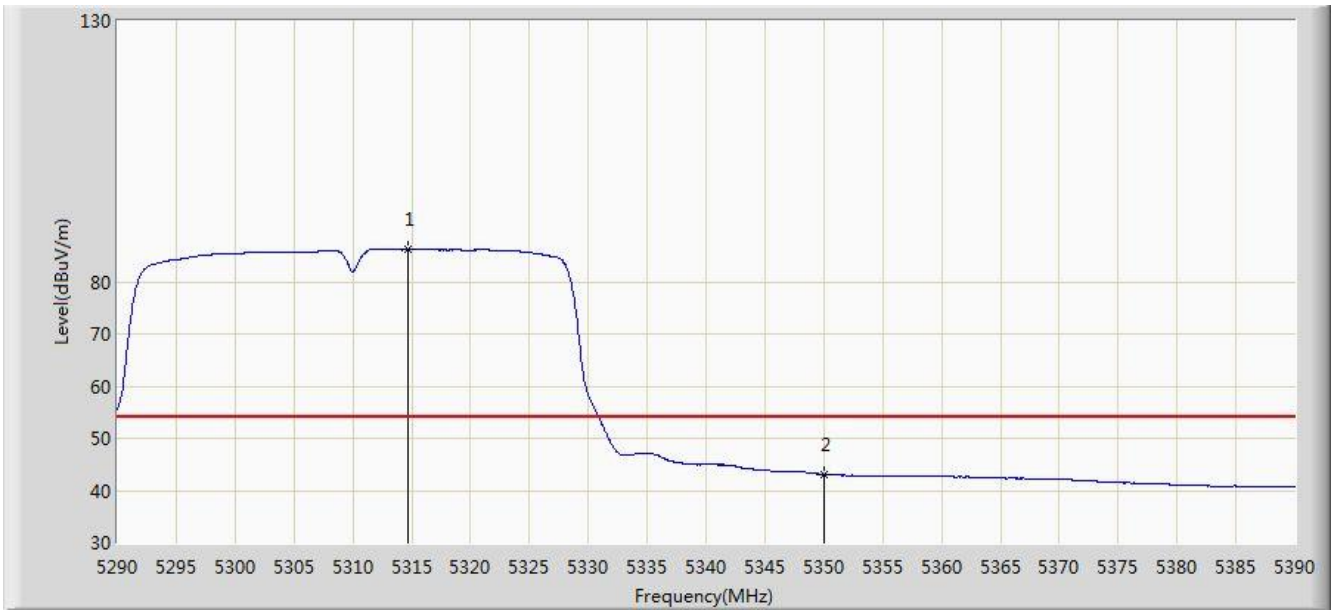


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5320.050	98.699	94.850	N/A	N/A	3.849	PK
2			5350.000	56.249	52.344	-17.751	74.000	3.904	PK
3			5358.100	60.316	56.397	-13.684	74.000	3.920	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 20:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 3	

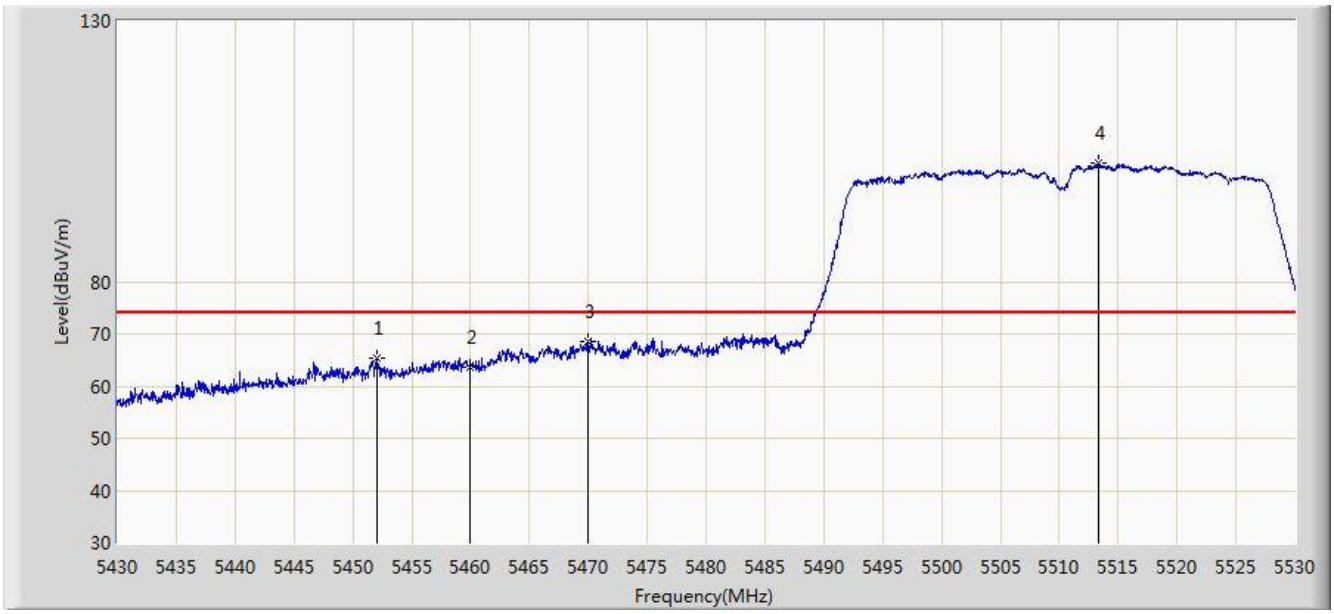


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.700	86.108	82.269	N/A	N/A	3.838	AV
2			5350.000	43.171	39.266	-10.829	54.000	3.904	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 20:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 3	

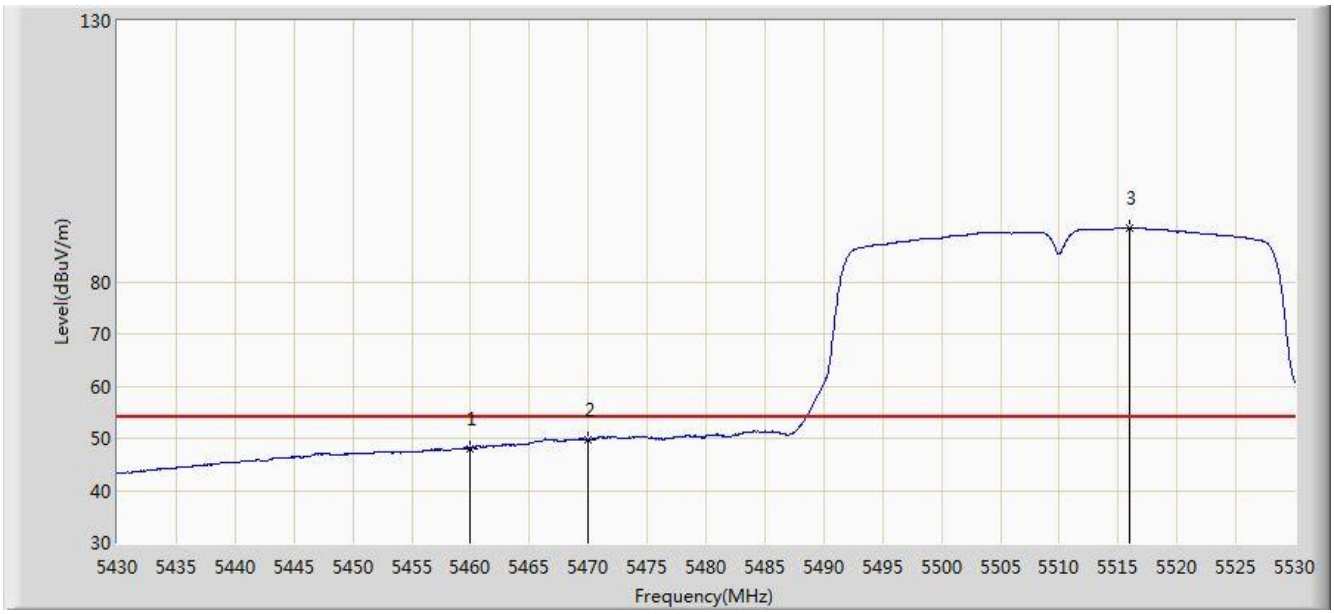


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5452.050	65.403	61.242	-8.597	74.000	4.161	PK
2			5460.000	63.652	59.472	-10.348	74.000	4.180	PK
3			5470.000	68.441	64.239	-5.559	74.000	4.202	PK
4		*	5513.300	102.643	98.332	N/A	N/A	4.310	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 20:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 3	

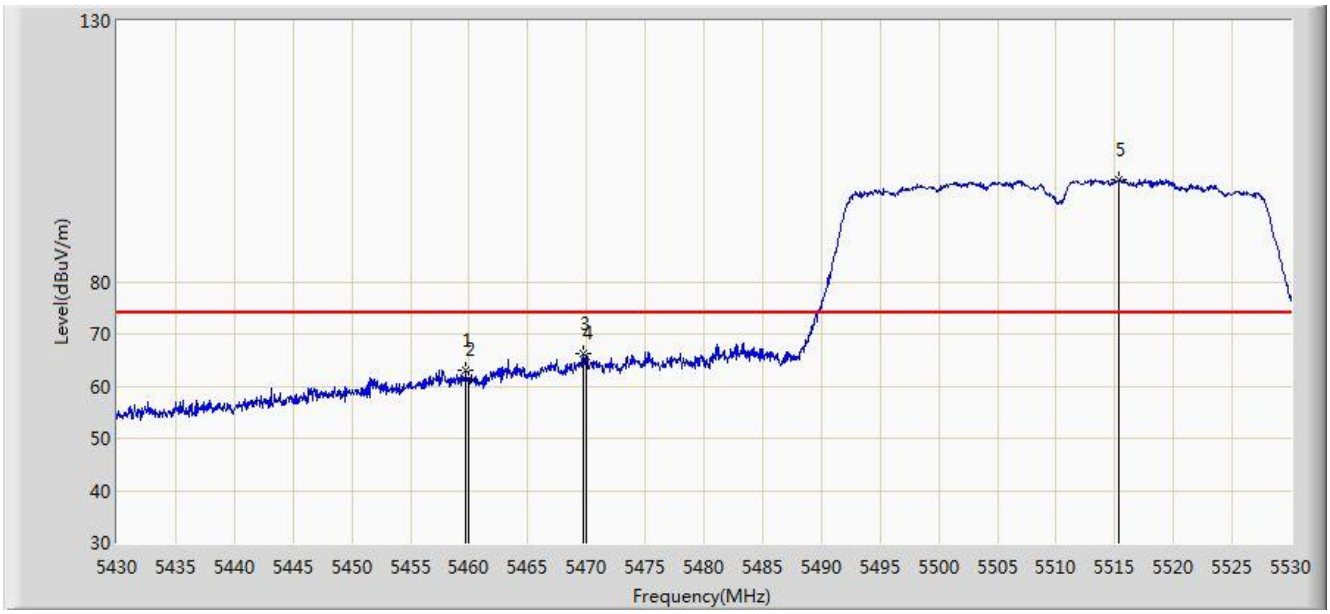


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	48.101	43.921	-5.899	54.000	4.180	AV
2			5470.000	49.739	45.537	-4.261	54.000	4.202	AV
3		*	5515.950	90.196	85.877	N/A	N/A	4.319	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 20:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 3	

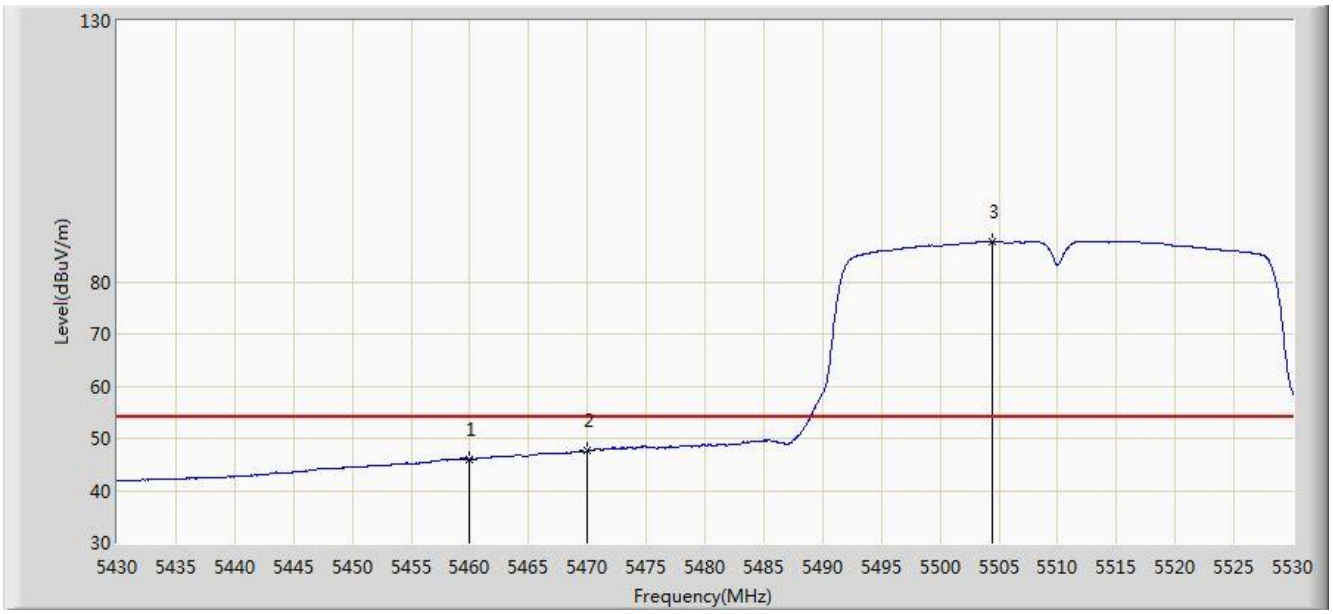


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.700	63.175	58.995	-10.825	74.000	4.180	PK
2			5460.000	61.396	57.216	-12.604	74.000	4.180	PK
3			5469.700	66.258	62.056	-7.742	74.000	4.202	PK
4			5470.000	64.606	60.404	-9.394	74.000	4.202	PK
5		*	5515.400	99.649	95.332	N/A	N/A	4.316	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 20:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 3	

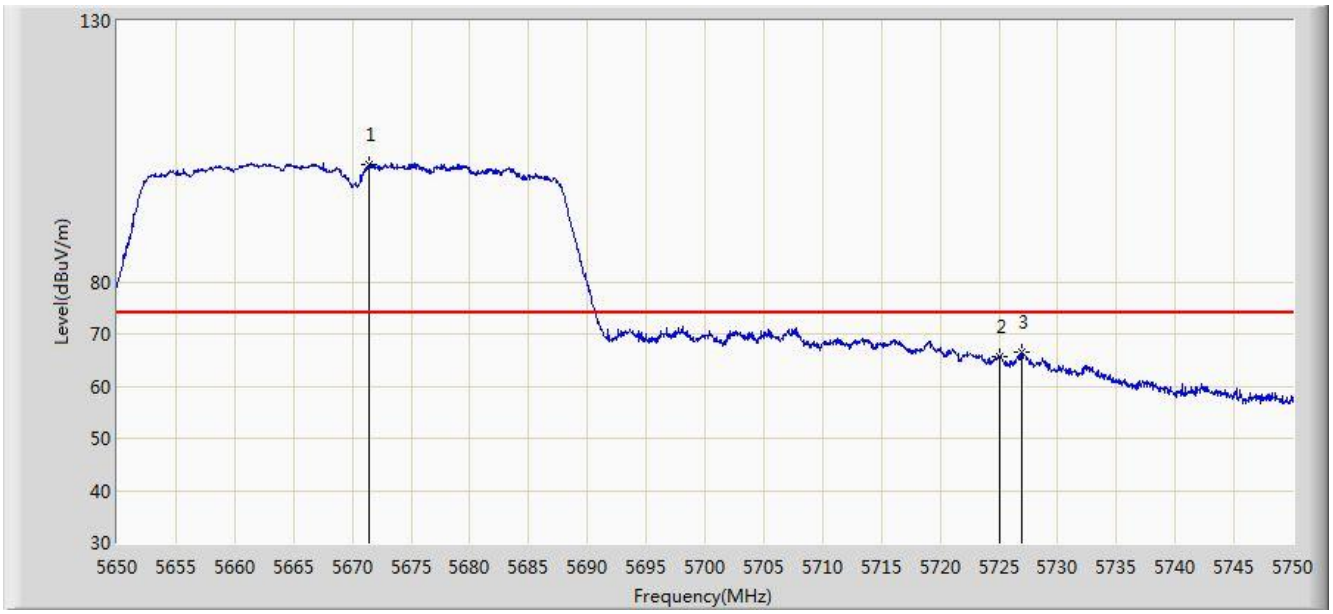


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	46.002	41.822	-7.998	54.000	4.180	AV
2			5470.000	47.677	43.475	-6.323	54.000	4.202	AV
3		*	5504.450	87.610	83.325	N/A	N/A	4.285	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 20:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 3	

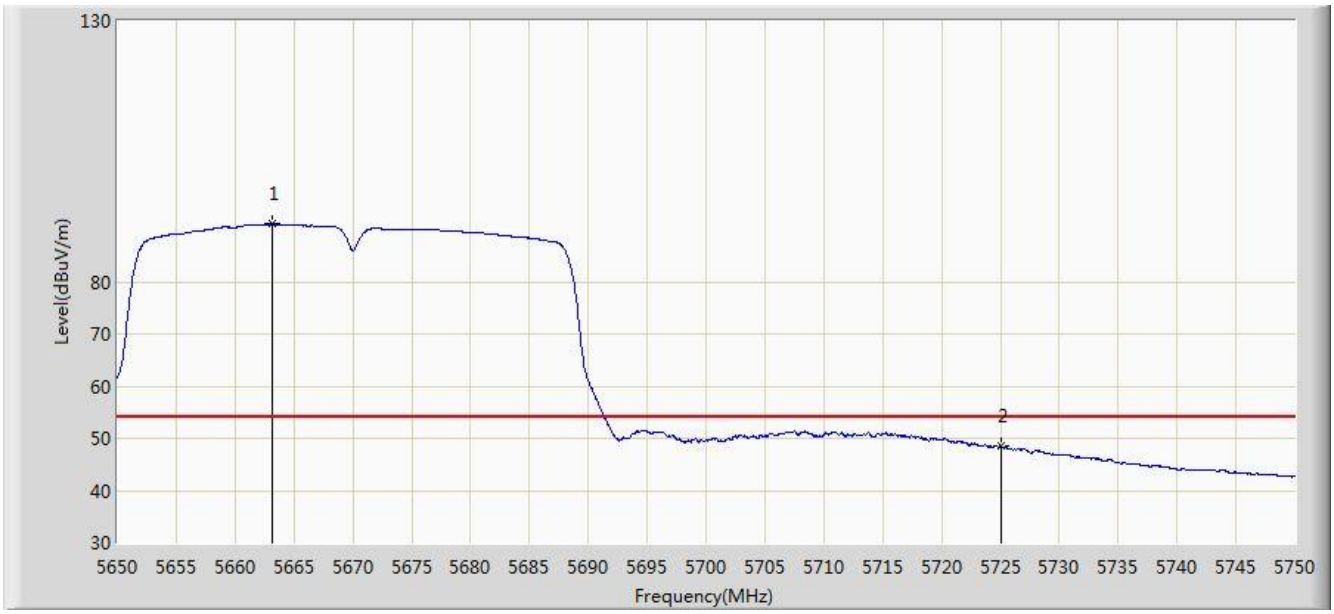


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5671.400	102.517	97.764	N/A	N/A	4.752	PK
2			5725.000	65.535	60.506	-8.465	74.000	5.029	PK
3			5727.000	66.549	61.507	-7.451	74.000	5.042	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 20:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 3	

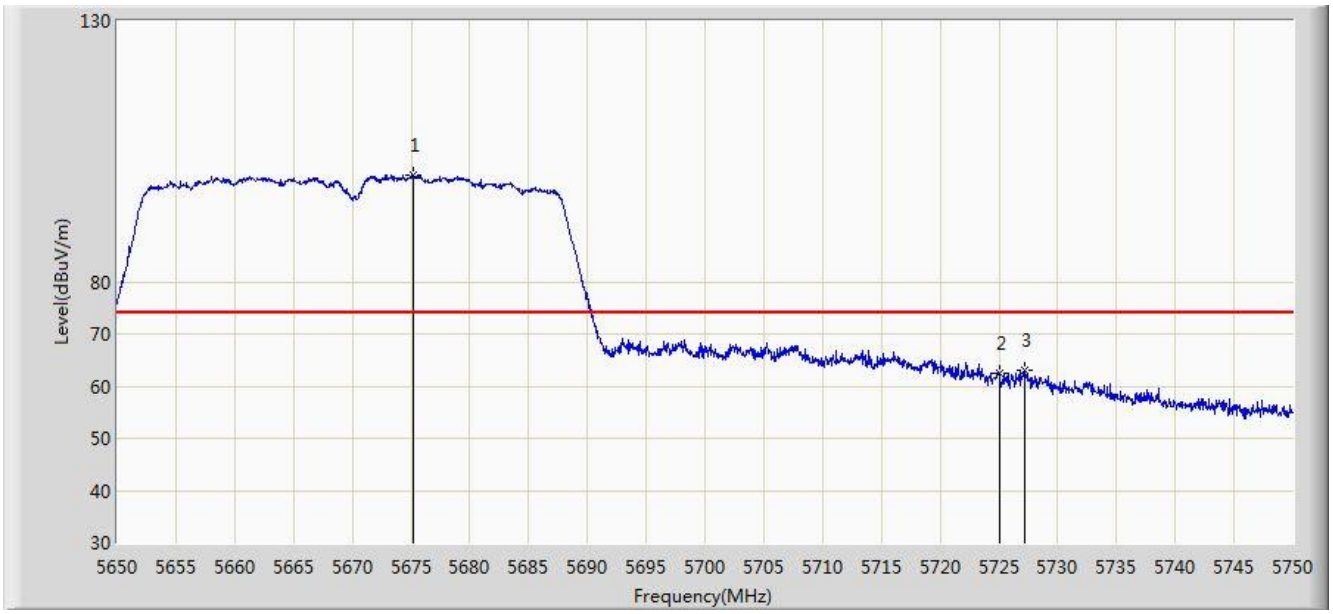


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5663.150	91.070	86.350	N/A	N/A	4.719	AV
2			5725.000	48.496	43.467	-5.504	54.000	5.029	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 20:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 3	

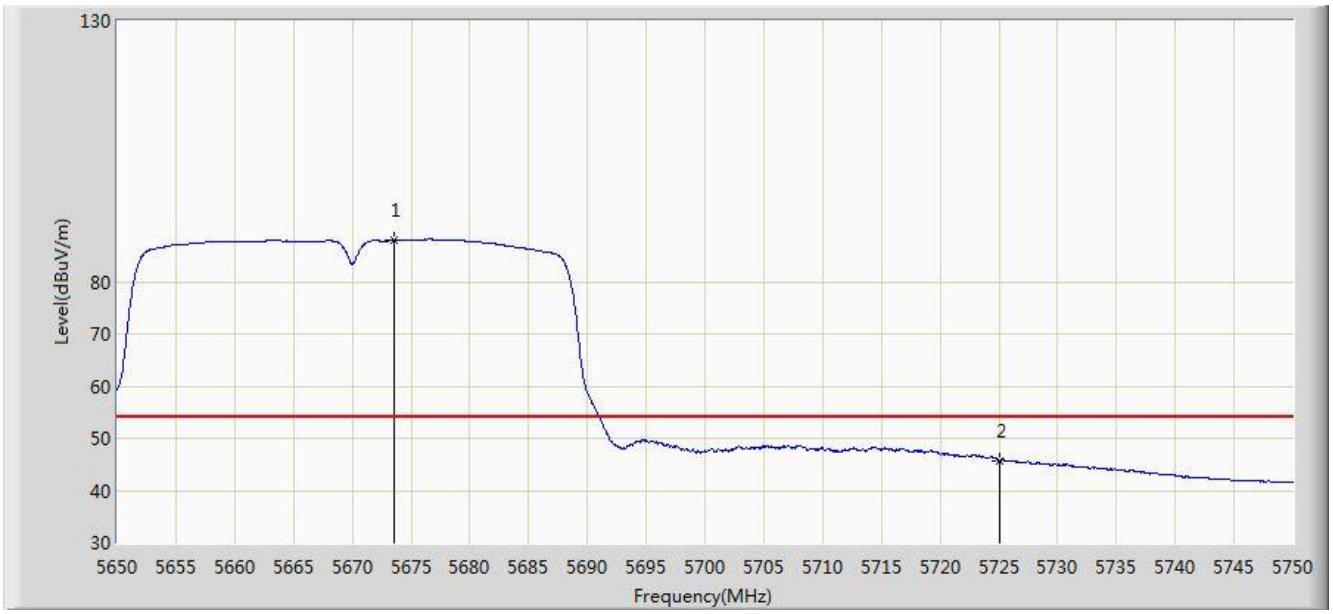


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5675.200	100.411	95.643	N/A	N/A	4.767	PK
2			5725.000	62.474	57.445	-11.526	74.000	5.029	PK
3			5727.250	63.105	58.062	-10.895	74.000	5.044	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 20:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 3	

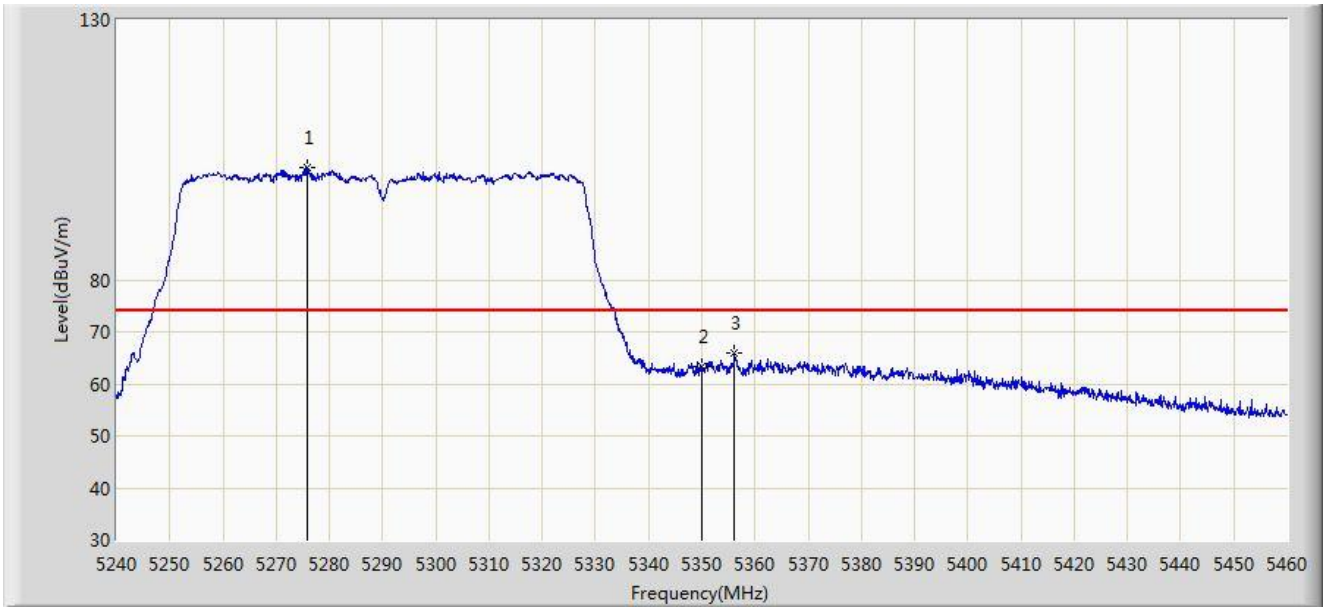


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5673.500	87.935	83.174	N/A	N/A	4.762	AV
2			5725.000	45.716	40.687	-8.284	54.000	5.029	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 20:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 3	

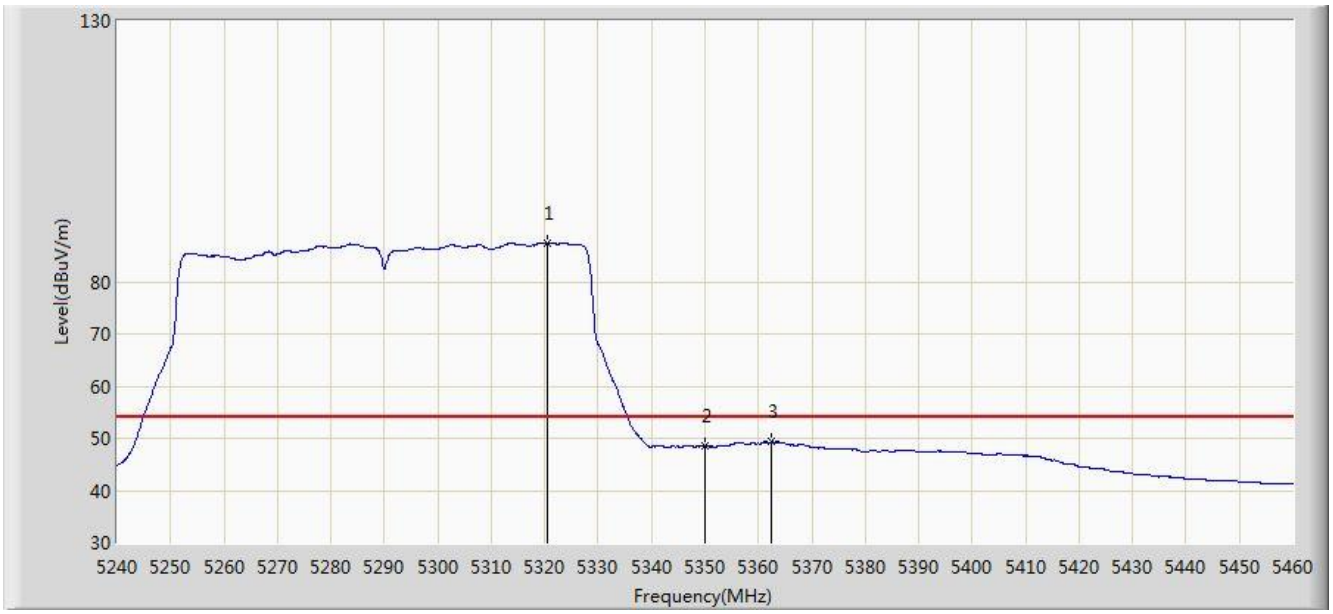


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5275.750	101.602	97.772	N/A	N/A	3.830	PK
2			5350.000	63.271	59.366	-10.729	74.000	3.904	PK
3			5356.160	65.967	62.051	-8.033	74.000	3.915	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 20:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 3	

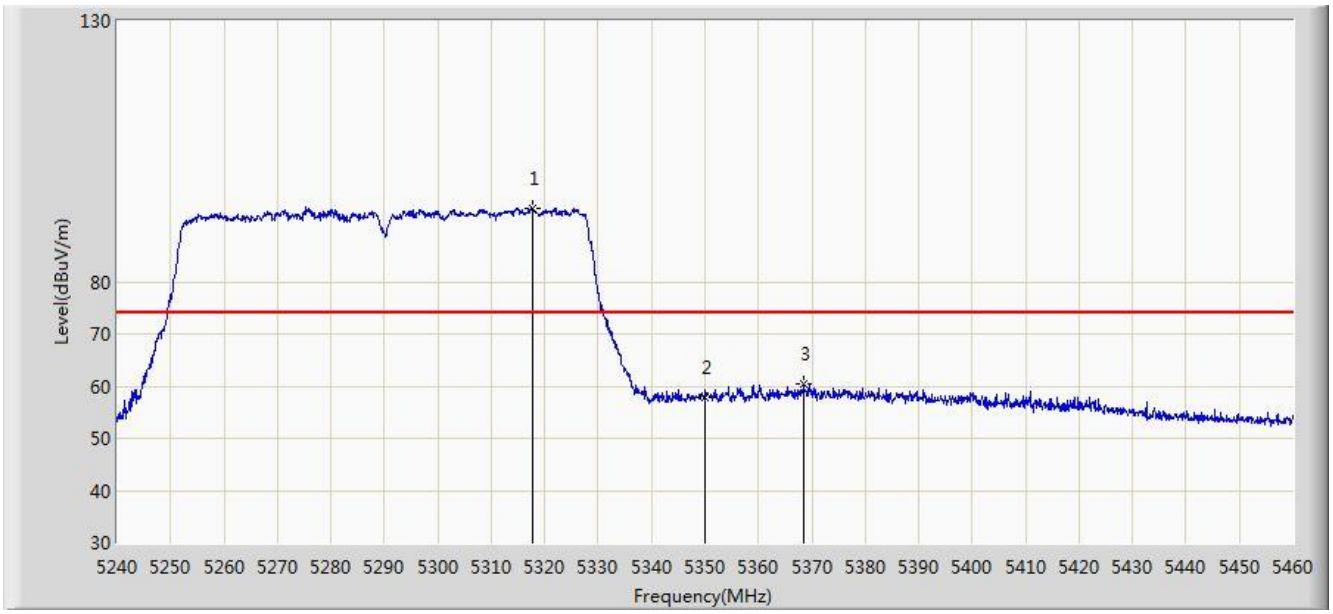


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5320.630	87.529	83.679	N/A	N/A	3.849	AV
2			5350.000	48.504	44.599	-5.496	54.000	3.904	AV
3			5362.540	49.278	45.351	-4.722	54.000	3.928	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 20:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 3	

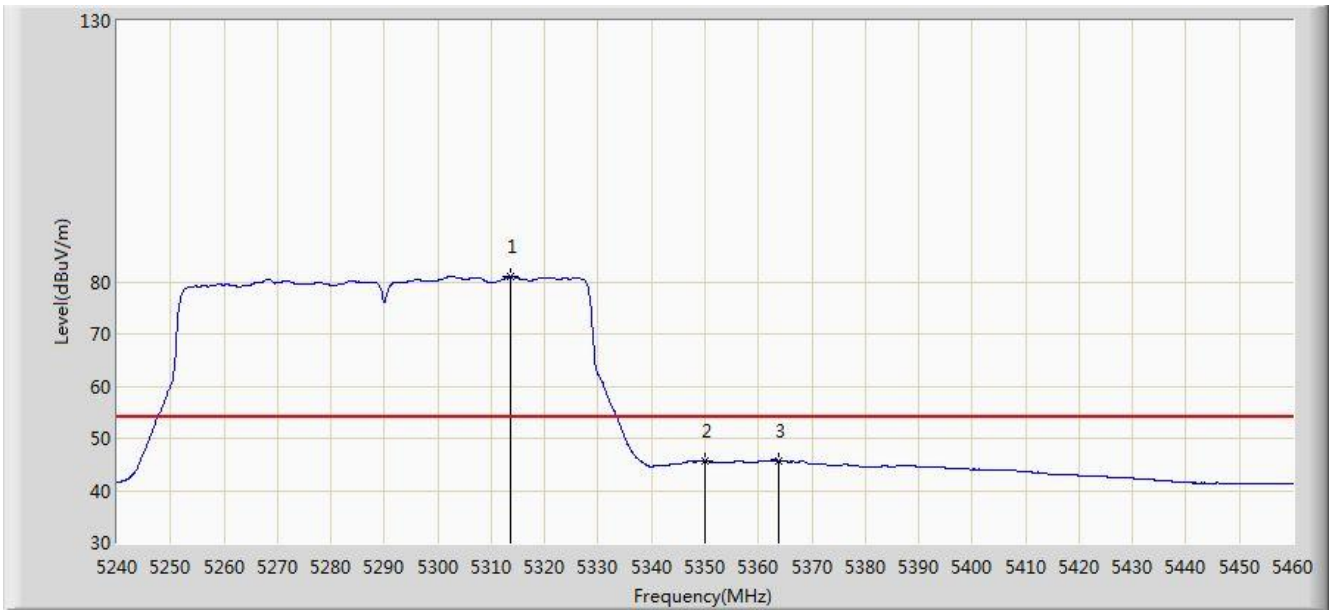


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5317.660	94.173	90.329	N/A	N/A	3.844	PK
2			5350.000	57.888	53.983	-16.112	74.000	3.904	PK
3			5368.480	60.378	56.440	-13.622	74.000	3.938	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 20:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 3	

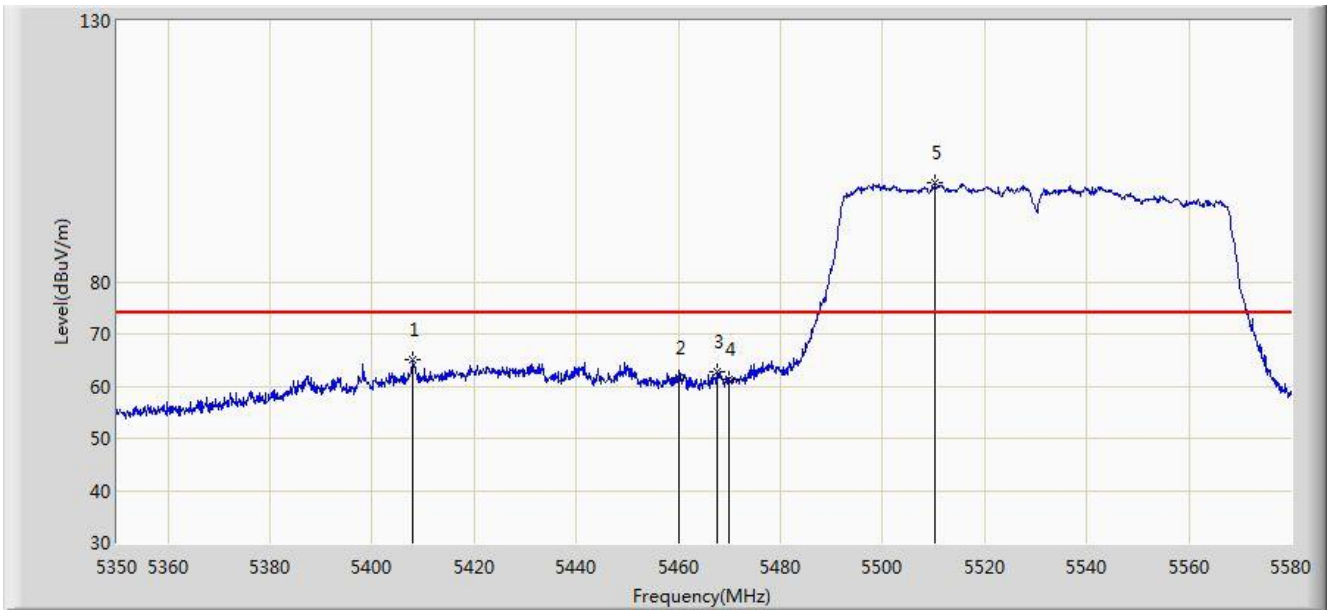


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5313.480	80.980	77.144	N/A	N/A	3.836	AV
2			5350.000	45.638	41.733	-8.362	54.000	3.904	AV
3			5363.750	45.764	41.834	-8.236	54.000	3.930	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 21:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 3	

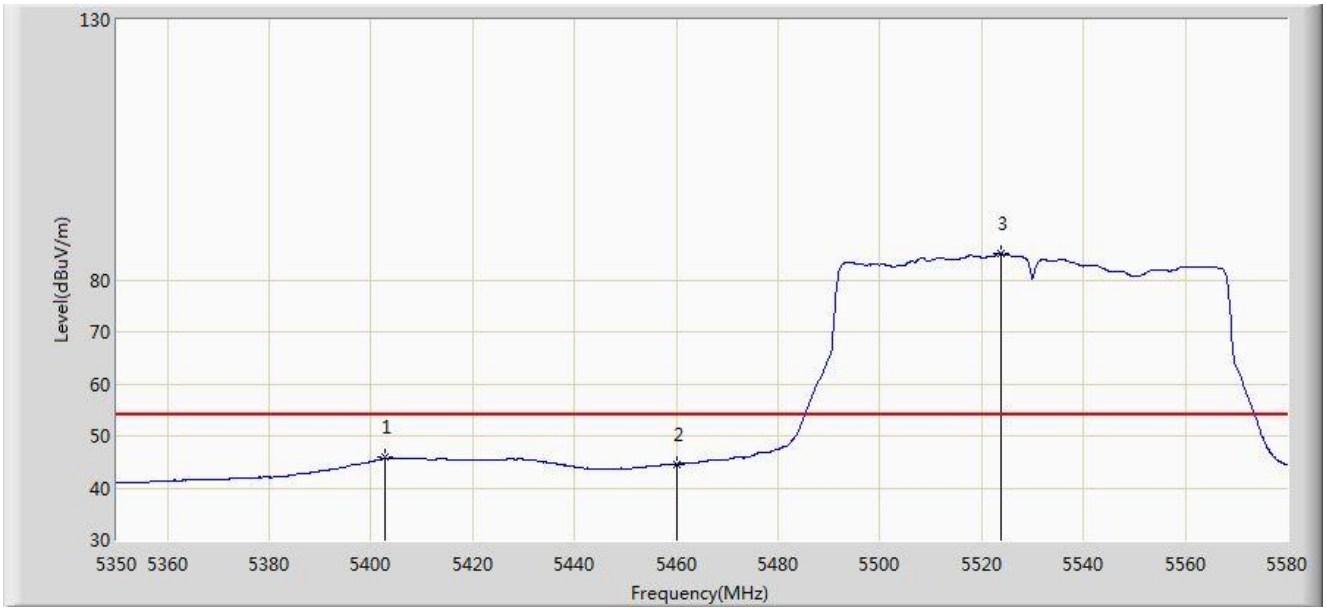


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5408.075	65.030	61.007	-8.970	74.000	4.023	PK
2			5460.000	61.525	57.345	-12.475	74.000	4.180	PK
3			5467.645	62.712	58.515	-11.288	74.000	4.197	PK
4			5470.000	61.175	56.973	-12.825	74.000	4.202	PK
5		*	5510.310	98.863	94.561	N/A	N/A	4.302	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 21:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 3	

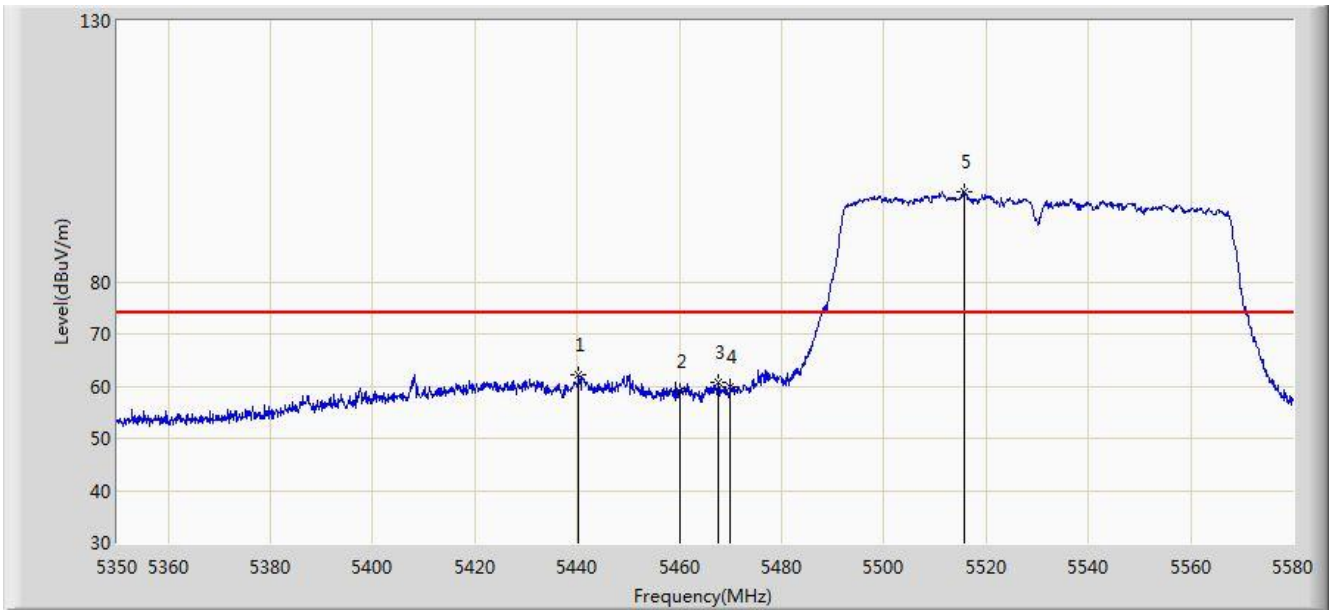


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5402.785	45.825	41.818	-8.175	54.000	4.007	AV
2			5460.000	44.427	40.247	-9.573	54.000	4.180	AV
3		*	5523.765	85.003	80.661	N/A	N/A	4.343	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 21:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 3	

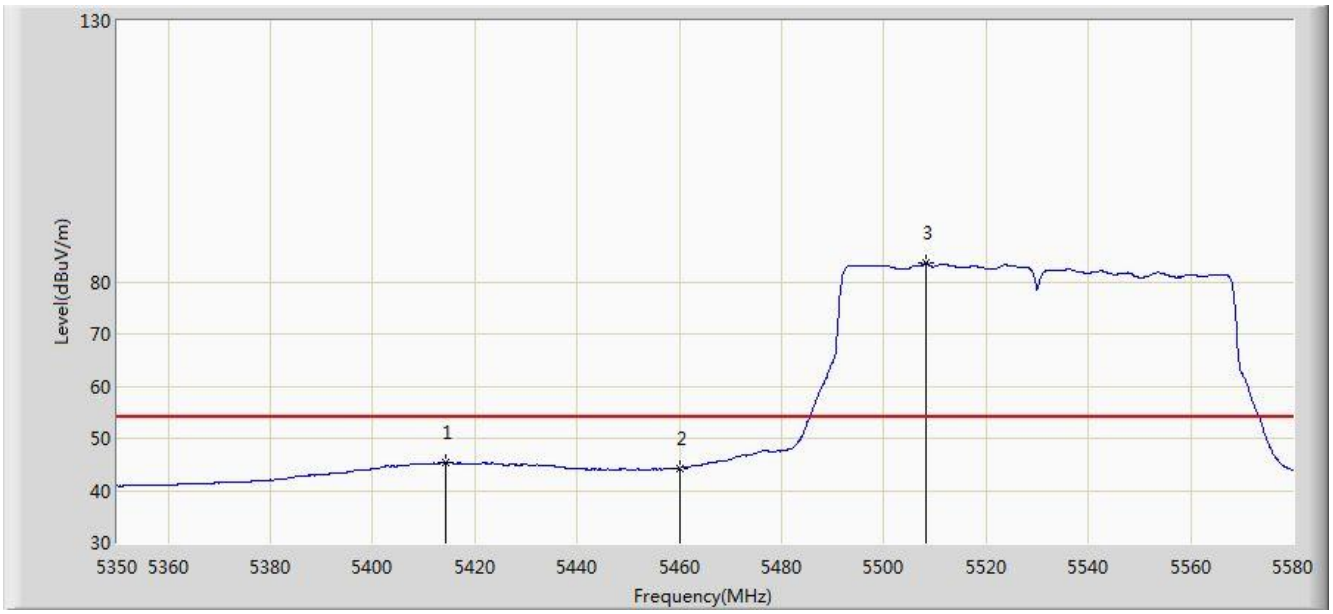


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5440.275	62.221	58.096	-11.779	74.000	4.126	PK
2			5460.000	59.130	54.950	-14.870	74.000	4.180	PK
3			5467.645	60.684	56.487	-13.316	74.000	4.197	PK
4			5470.000	59.774	55.572	-14.226	74.000	4.202	PK
5		*	5515.715	97.366	93.048	N/A	N/A	4.318	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 21:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 3	

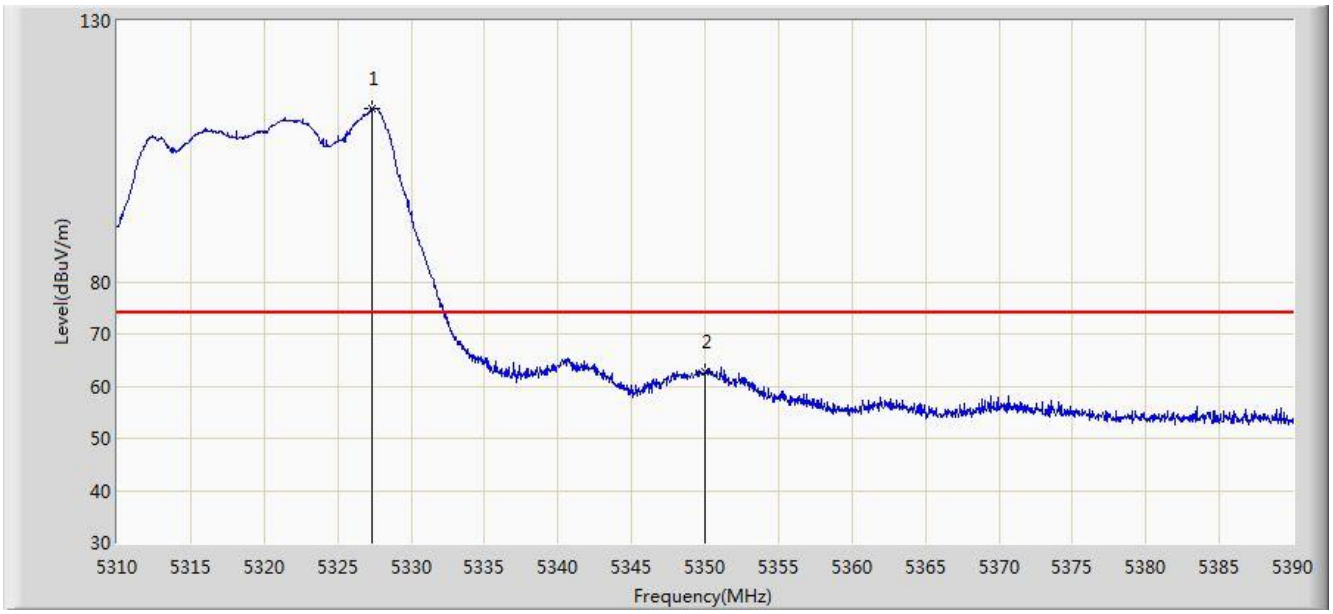


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5414.400	45.379	41.337	-8.621	54.000	4.042	AV
2			5460.000	44.261	40.081	-9.739	54.000	4.180	AV
3		*	5508.355	83.577	79.281	N/A	N/A	4.296	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 21:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz Ant 0+1+2+3	

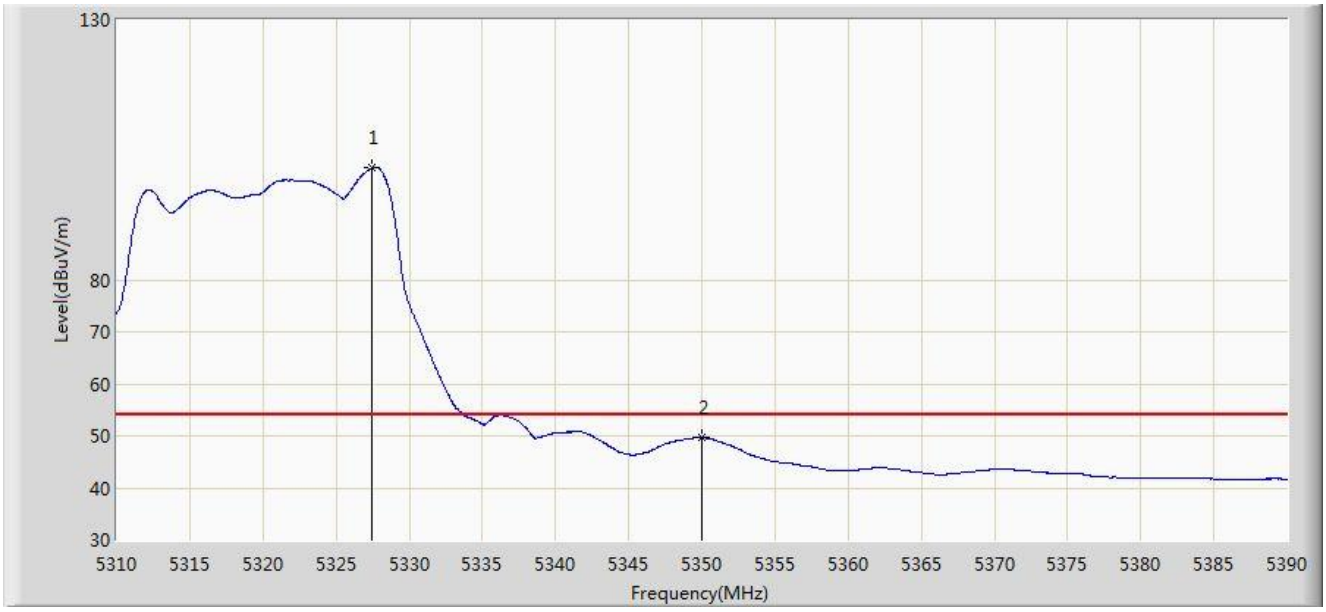


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5327.360	113.120	109.257	N/A	N/A	3.862	PK
2			5350.000	62.682	58.777	-11.318	74.000	3.904	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 22:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz Ant 0+1+2+3	

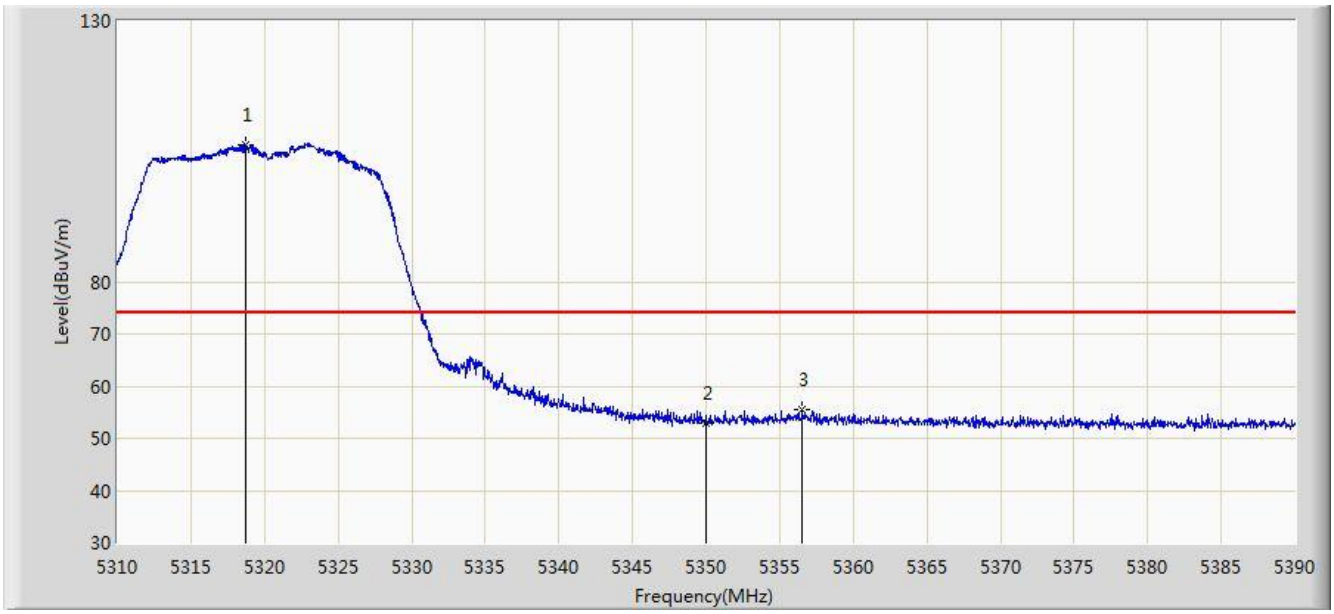


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5327.480	101.589	97.726	N/A	N/A	3.863	AV
2			5350.000	49.714	45.809	-4.286	54.000	3.904	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 22:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz Ant 0+1+2+3	

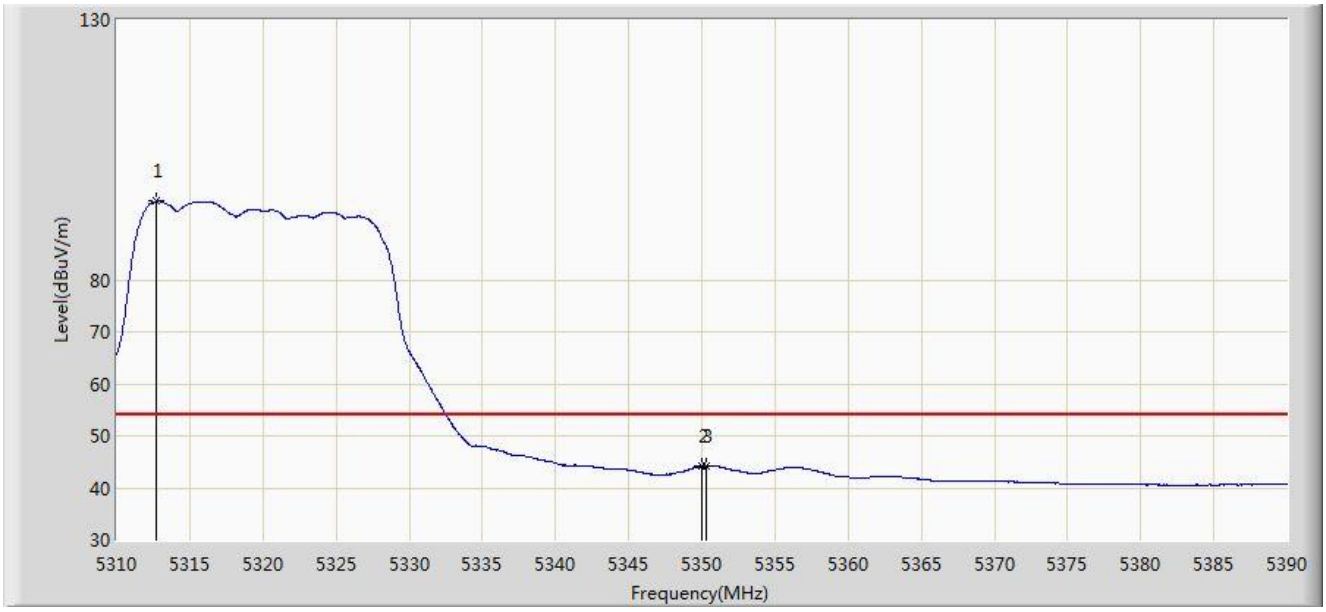


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5318.720	106.125	102.279	N/A	N/A	3.846	PK
2			5350.000	52.861	48.956	-21.139	74.000	3.904	PK
3			5356.520	55.364	51.447	-18.636	74.000	3.917	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 22:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5320MHz Ant 0+1+2+3	

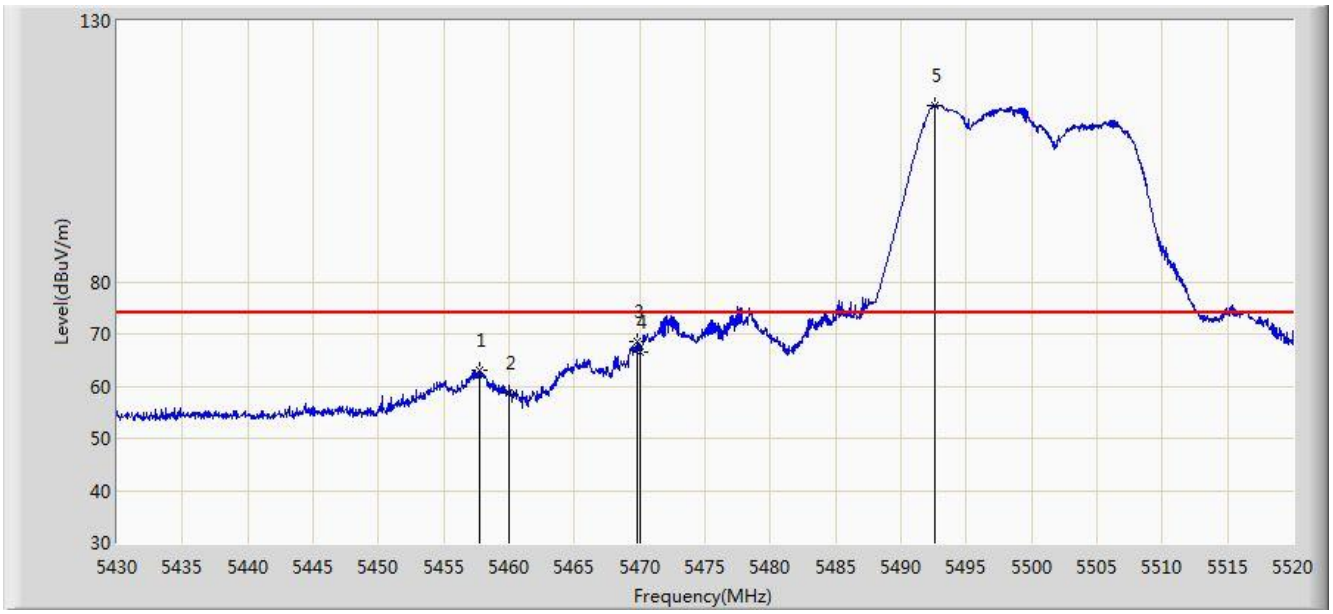


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5312.680	95.094	91.259	N/A	N/A	3.835	AV
2			5350.000	44.101	40.196	-9.899	54.000	3.904	AV
3			5350.280	44.248	40.343	-9.752	54.000	3.906	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 22:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz Ant 0+1+2+3	

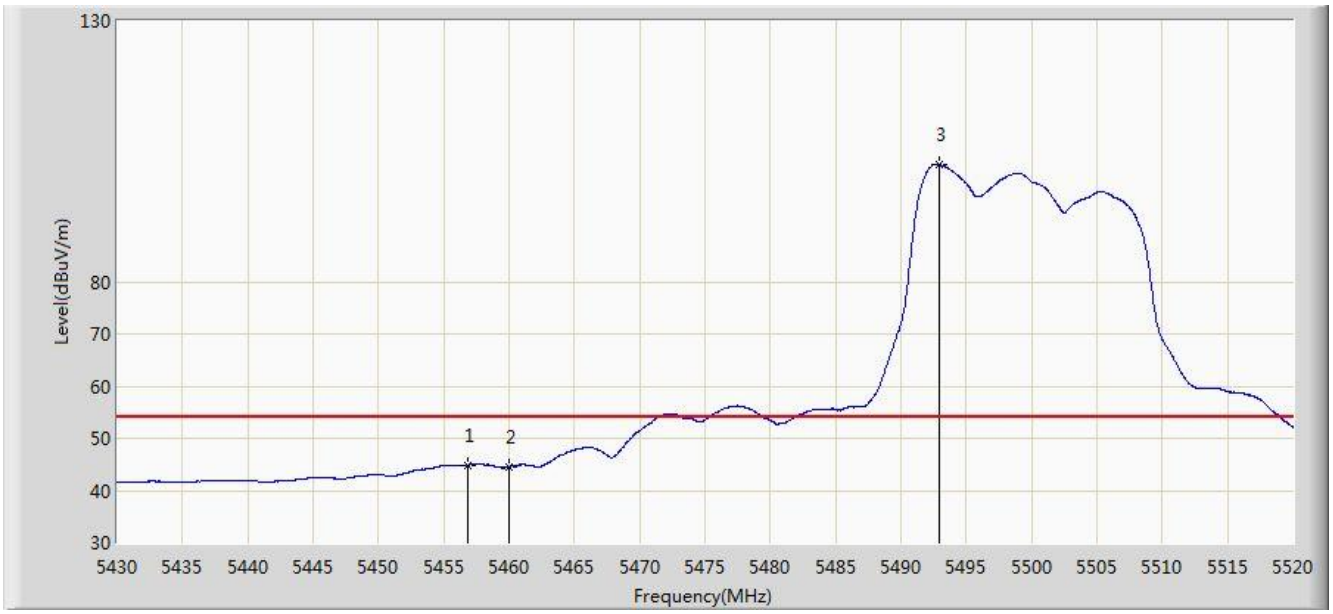


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.765	62.979	58.803	-11.021	74.000	4.176	PK
2			5460.000	58.704	54.524	-15.296	74.000	4.180	PK
3			5469.780	68.576	64.374	-5.424	74.000	4.202	PK
4			5470.000	66.615	62.413	-7.385	74.000	4.202	PK
5		*	5492.595	113.848	109.594	N/A	N/A	4.254	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 22:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz Ant 0+1+2+3	

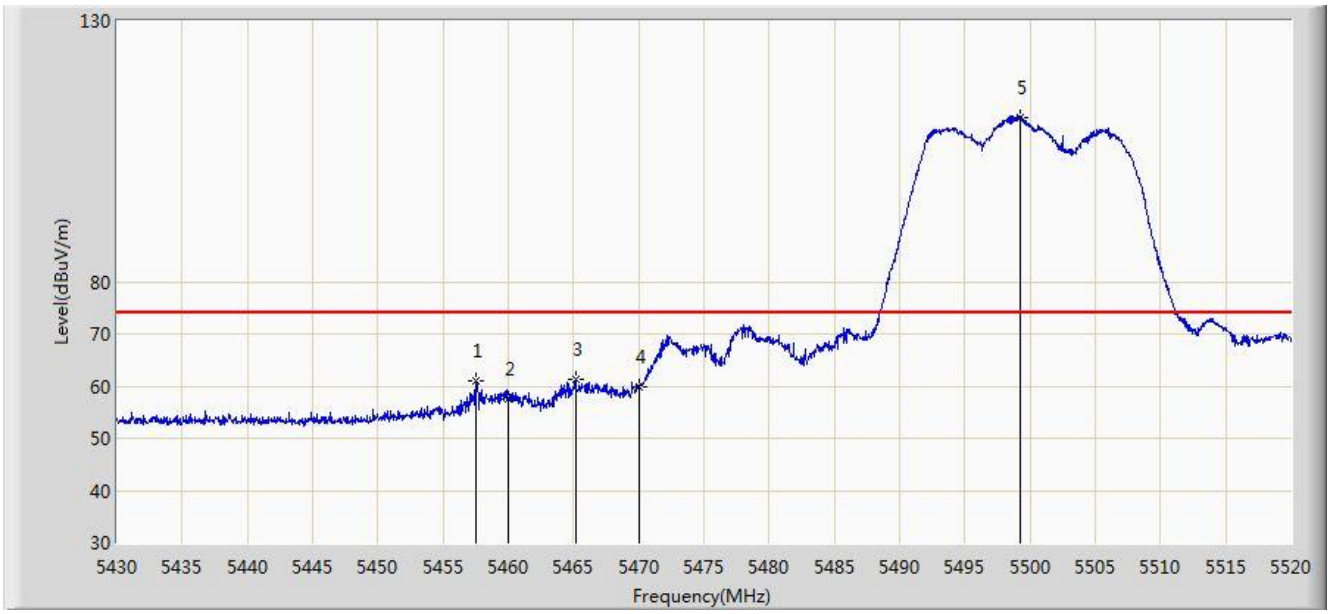


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5456.820	44.838	40.664	-9.162	54.000	4.173	AV
2			5460.000	44.593	40.413	-9.407	54.000	4.180	AV
3		*	5492.955	102.381	98.126	N/A	N/A	4.254	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 22:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz Ant 0+1+2+3	

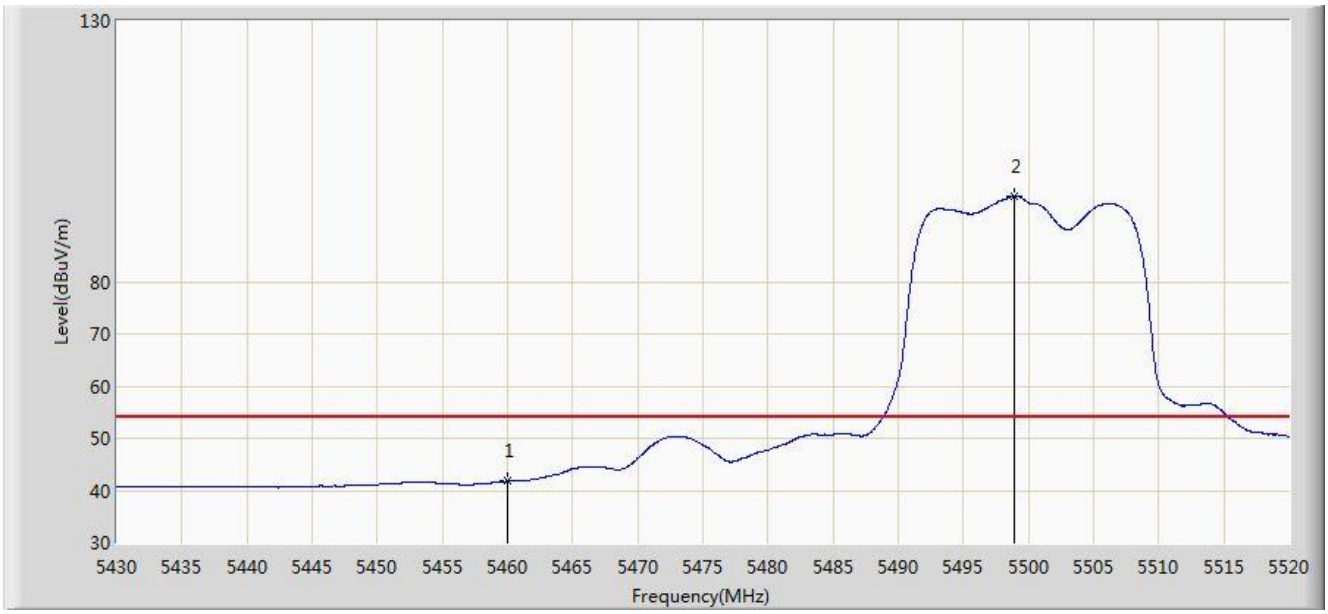


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.540	60.872	56.697	-13.128	74.000	4.176	PK
2			5460.000	57.431	53.251	-16.569	74.000	4.180	PK
3			5465.190	61.261	57.069	-12.739	74.000	4.191	PK
4			5470.000	59.818	55.616	-14.182	74.000	4.202	PK
5		*	5499.300	111.587	107.317	N/A	N/A	4.270	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 22:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5500MHz Ant 0+1+2+3	

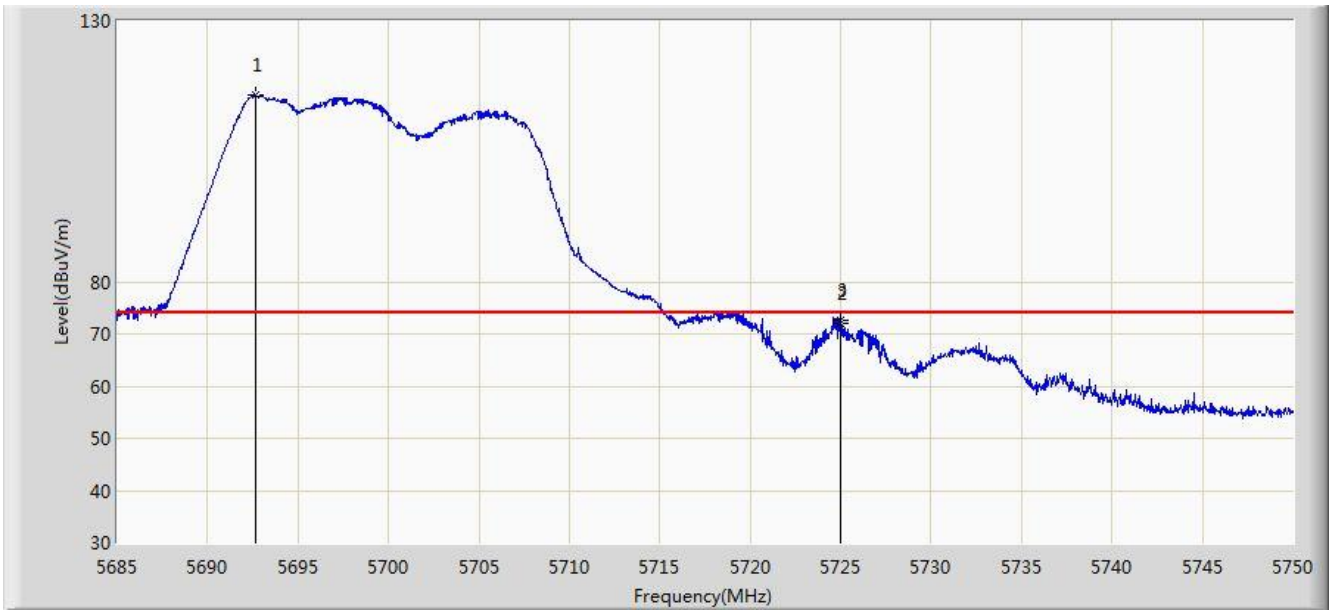


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	41.786	37.606	-12.214	54.000	4.180	AV
2		*	5498.940	96.437	92.168	N/A	N/A	4.269	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 22:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz Ant 0+1+2+3	

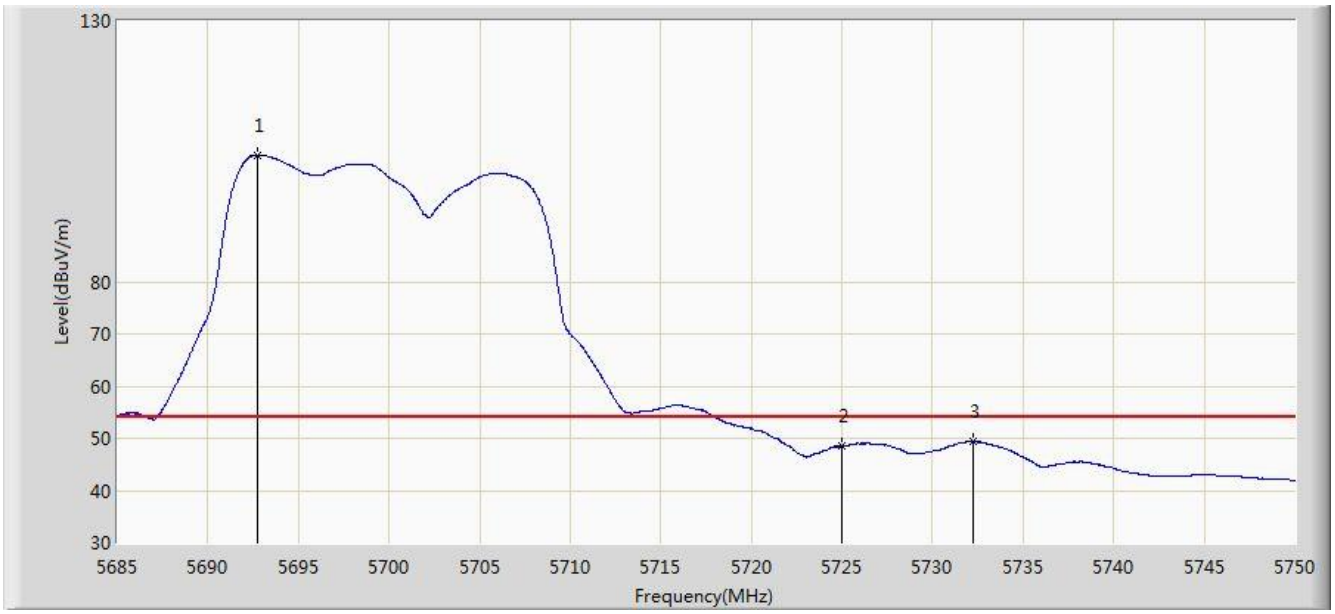


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5692.638	115.704	110.865	N/A	N/A	4.840	PK
2			5725.000	72.122	67.093	-1.878	74.000	5.029	PK
3			5725.007	72.564	67.535	-1.436	74.000	5.029	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 22:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz Ant 0+1+2+3	

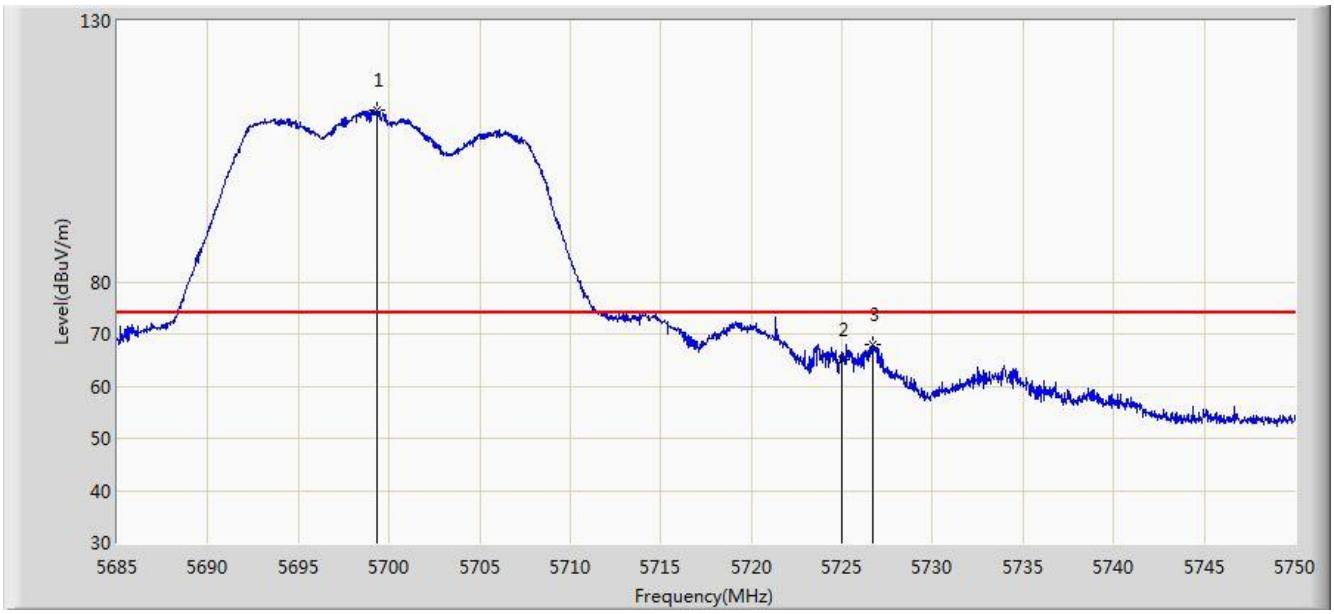


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5692.735	104.266	99.426	N/A	N/A	4.840	AV
2			5725.000	48.558	43.529	-5.442	54.000	5.029	AV
3			5732.223	49.322	44.247	-4.678	54.000	5.075	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 22:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz Ant 0+1+2+3	

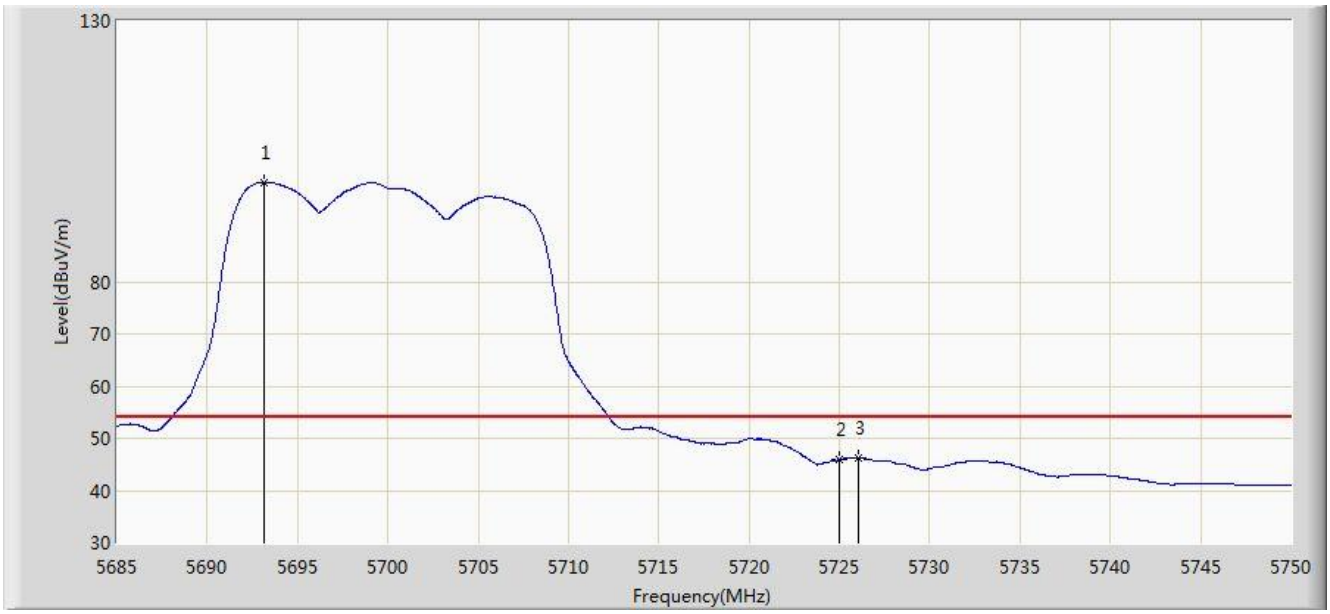


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5699.333	112.766	107.891	N/A	N/A	4.874	PK
2			5725.000	65.044	60.015	-8.956	74.000	5.029	PK
3			5726.665	67.972	62.932	-6.028	74.000	5.040	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 22:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5700MHz Ant 0+1+2+3	

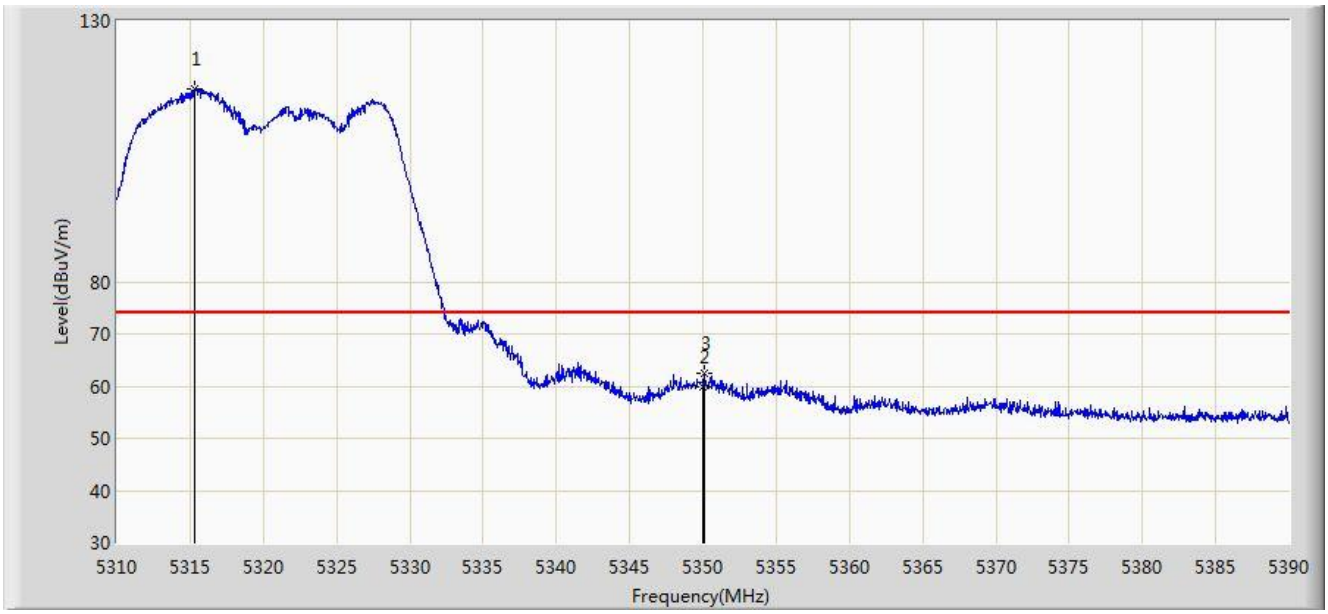


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5693.158	99.049	94.207	N/A	N/A	4.841	AV
2			5725.000	45.826	40.797	-8.174	54.000	5.029	AV
3			5726.080	46.312	41.276	-7.688	54.000	5.036	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 22:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0+1+2+3	

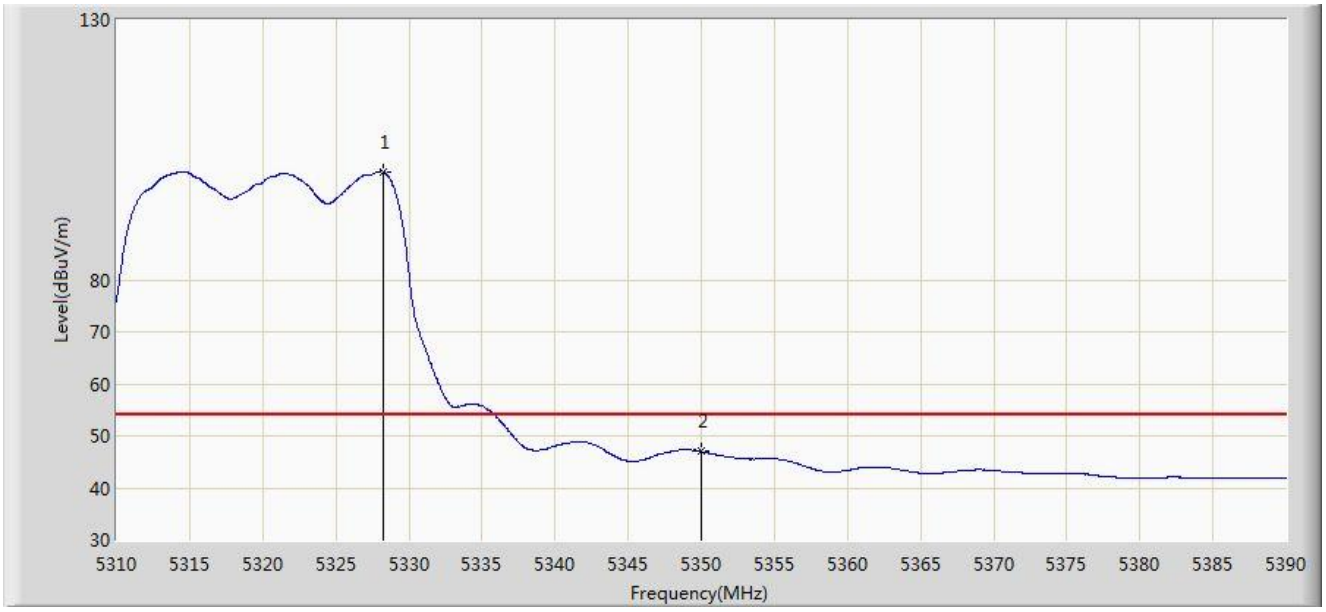


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.280	116.826	112.986	N/A	N/A	3.840	PK
2			5350.000	59.726	55.821	-14.274	74.000	3.904	PK
3			5350.120	62.448	58.543	-11.552	74.000	3.905	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 22:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0+1+2+3	

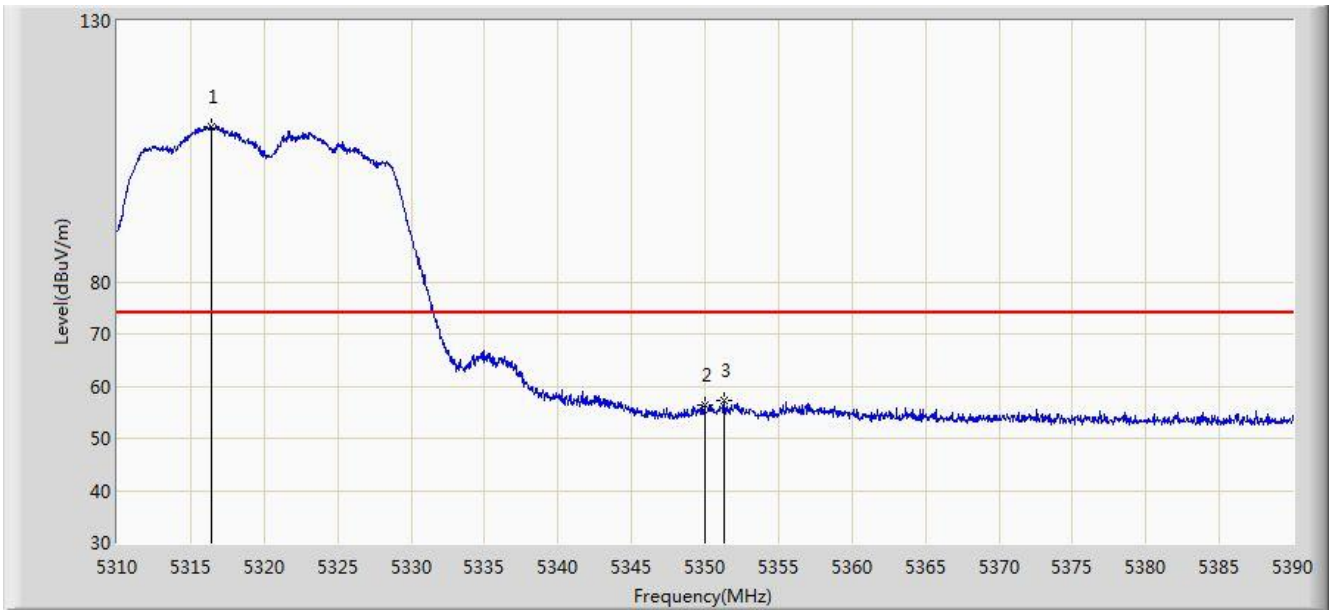


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5328.240	100.693	96.829	N/A	N/A	3.864	AV
2			5350.000	47.019	43.114	-6.981	54.000	3.904	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 22:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0+1+2+3	

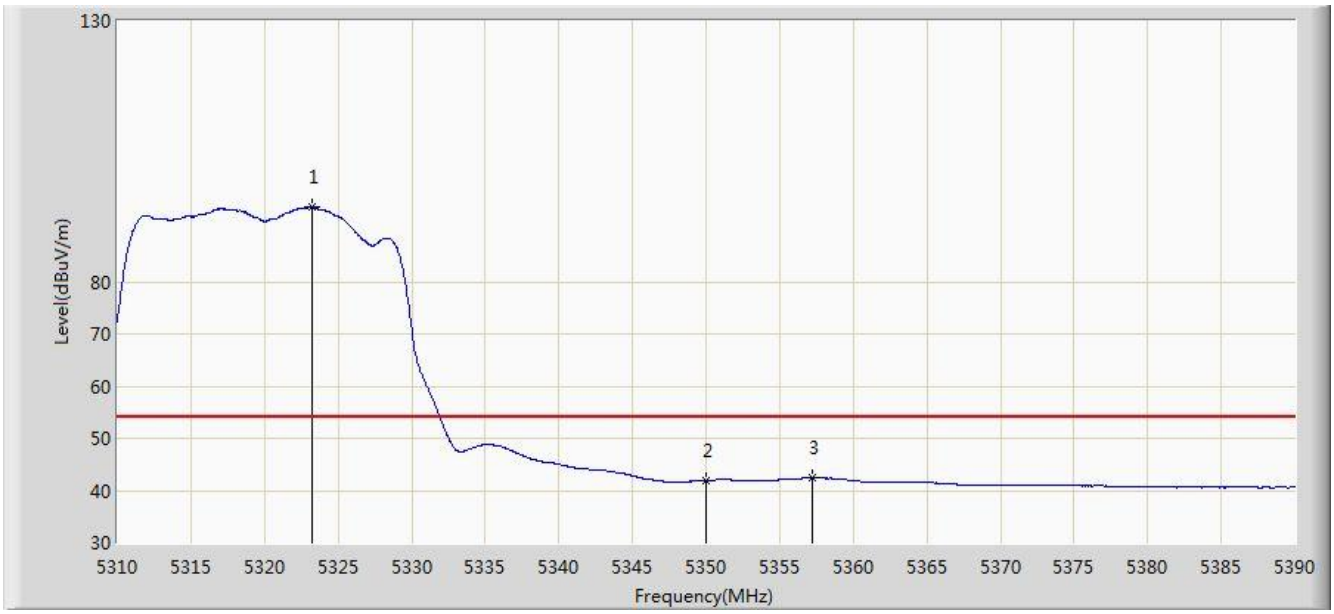


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5316.440	109.737	105.895	N/A	N/A	3.842	PK
2			5350.000	56.484	52.579	-17.516	74.000	3.904	PK
3			5351.280	57.194	53.287	-16.806	74.000	3.907	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 22:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5320MHz Ant 0+1+2+3	

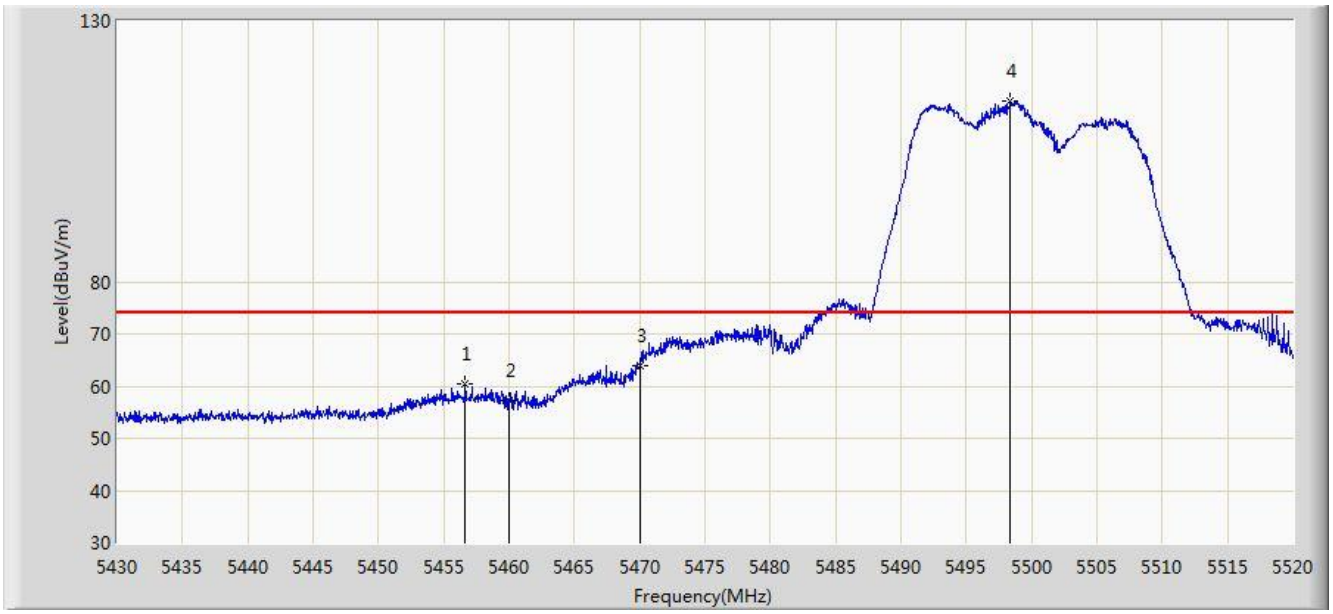


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5323.280	94.311	90.456	N/A	N/A	3.855	AV
2			5350.000	41.872	37.967	-12.128	54.000	3.904	AV
3			5357.240	42.377	38.459	-11.623	54.000	3.917	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 22:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz Ant 0+1+2+3	

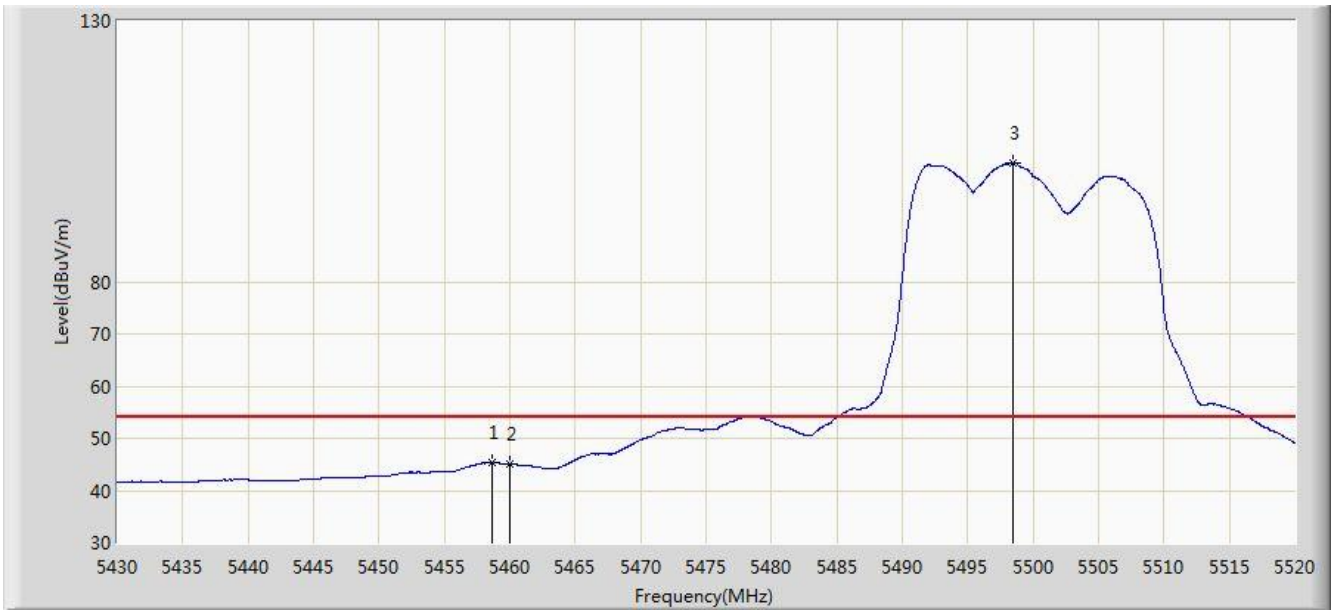


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5456.640	60.410	56.237	-13.590	74.000	4.173	PK
2			5460.000	57.210	53.030	-16.790	74.000	4.180	PK
3			5470.000	63.785	59.583	-10.215	74.000	4.202	PK
4		*	5498.355	114.606	110.339	N/A	N/A	4.267	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 22:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz Ant 0+1+2+3	

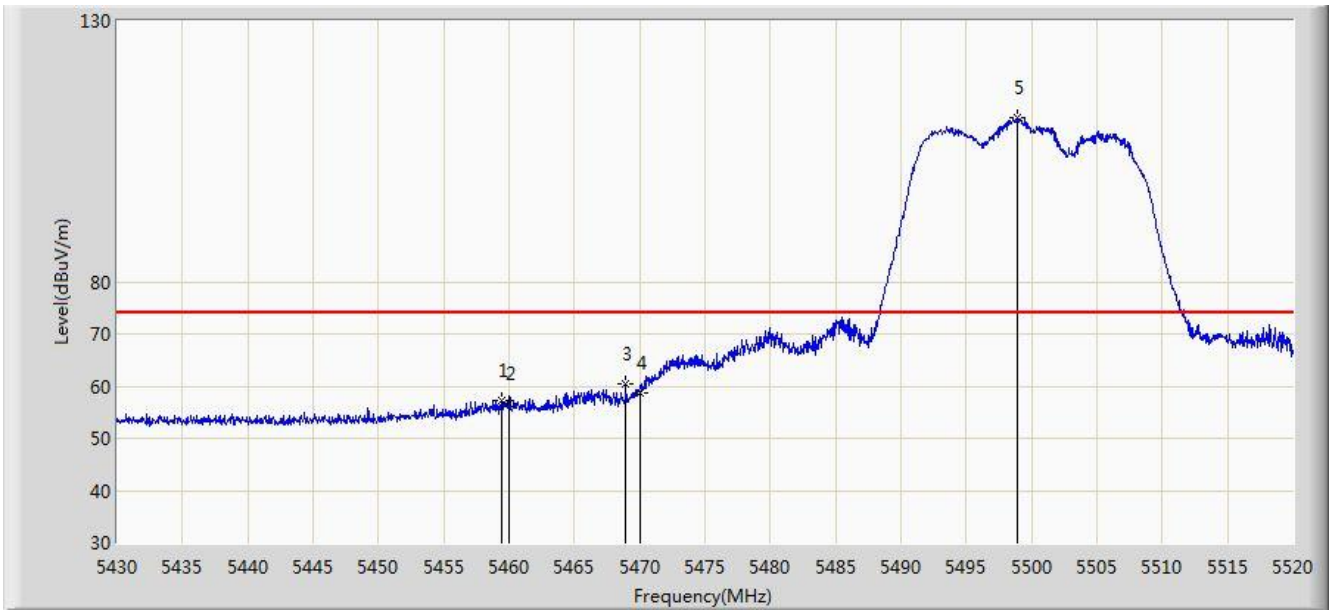


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.620	45.339	41.162	-8.661	54.000	4.178	AV
2			5460.000	44.933	40.753	-9.067	54.000	4.180	AV
3		*	5498.445	102.781	98.513	N/A	N/A	4.267	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 22:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz Ant 0+1+2+3	

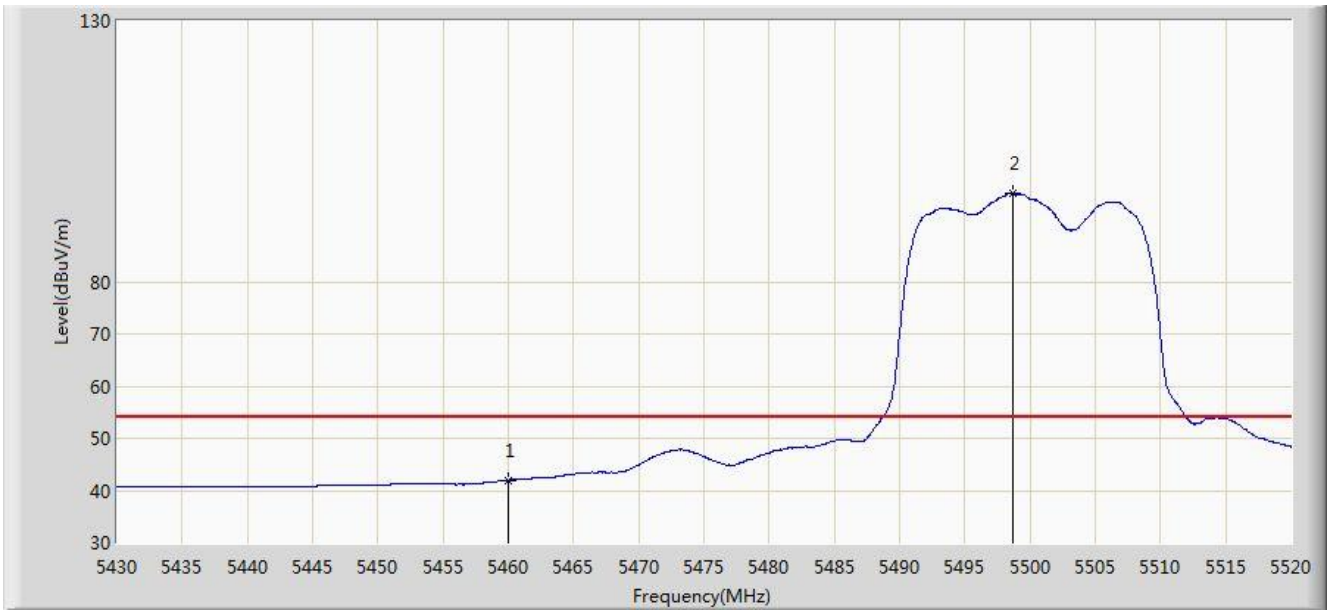


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.385	57.296	53.117	-16.704	74.000	4.178	PK
2			5460.000	56.631	52.451	-17.369	74.000	4.180	PK
3			5468.925	60.305	56.105	-13.695	74.000	4.200	PK
4			5470.000	58.836	54.634	-15.164	74.000	4.202	PK
5		*	5498.895	111.324	107.055	N/A	N/A	4.269	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 22:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5500MHz Ant 0+1+2+3	

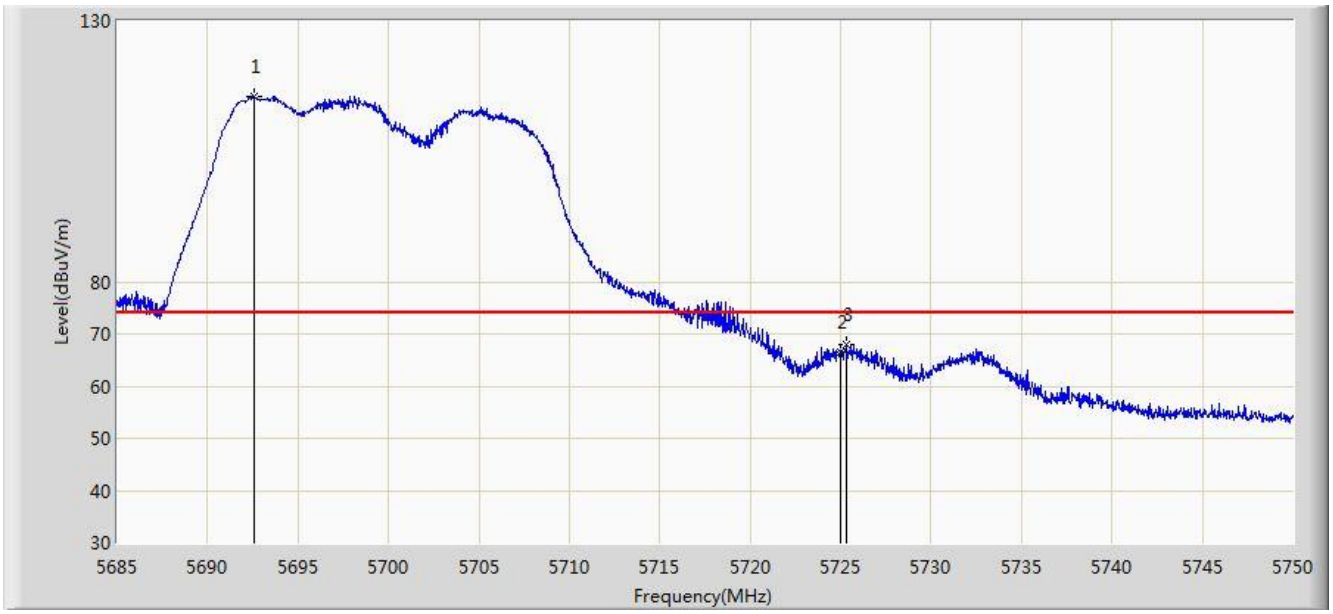


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	41.988	37.808	-12.012	54.000	4.180	AV
2		*	5498.670	96.998	92.730	N/A	N/A	4.268	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 22:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz Ant 0+1+2+3	

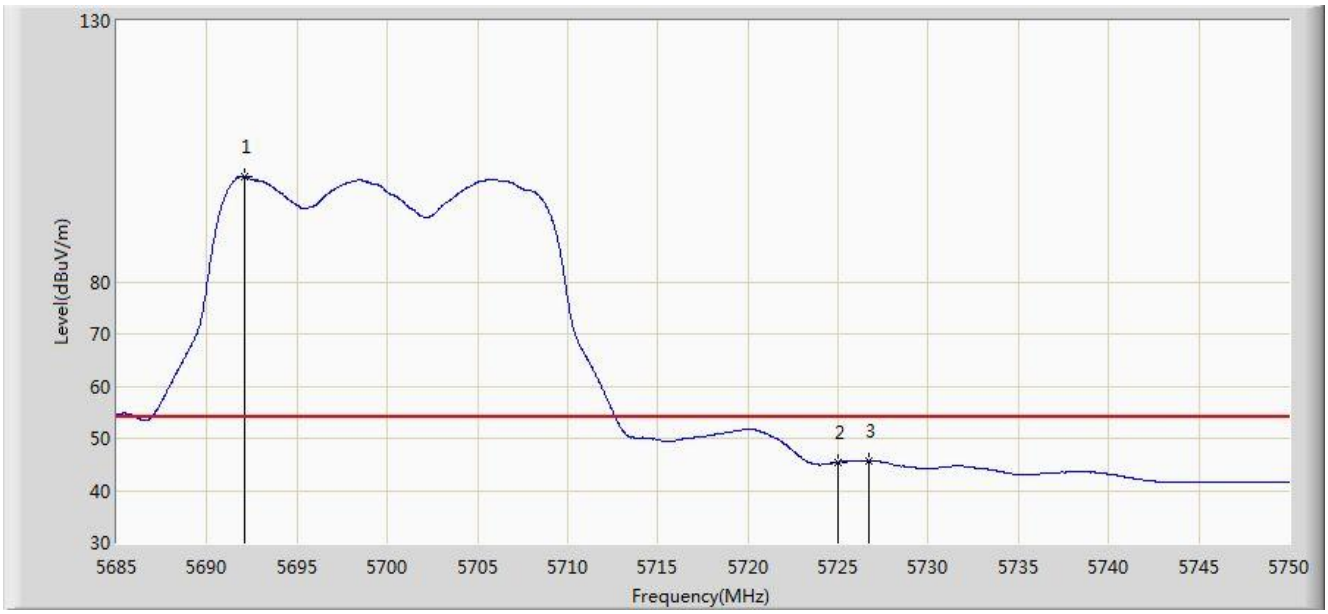


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5692.605	115.475	110.636	N/A	N/A	4.839	PK
2			5725.000	66.639	61.610	-7.361	74.000	5.029	PK
3			5725.300	68.085	63.054	-5.915	74.000	5.031	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 22:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz Ant 0+1+2+3	

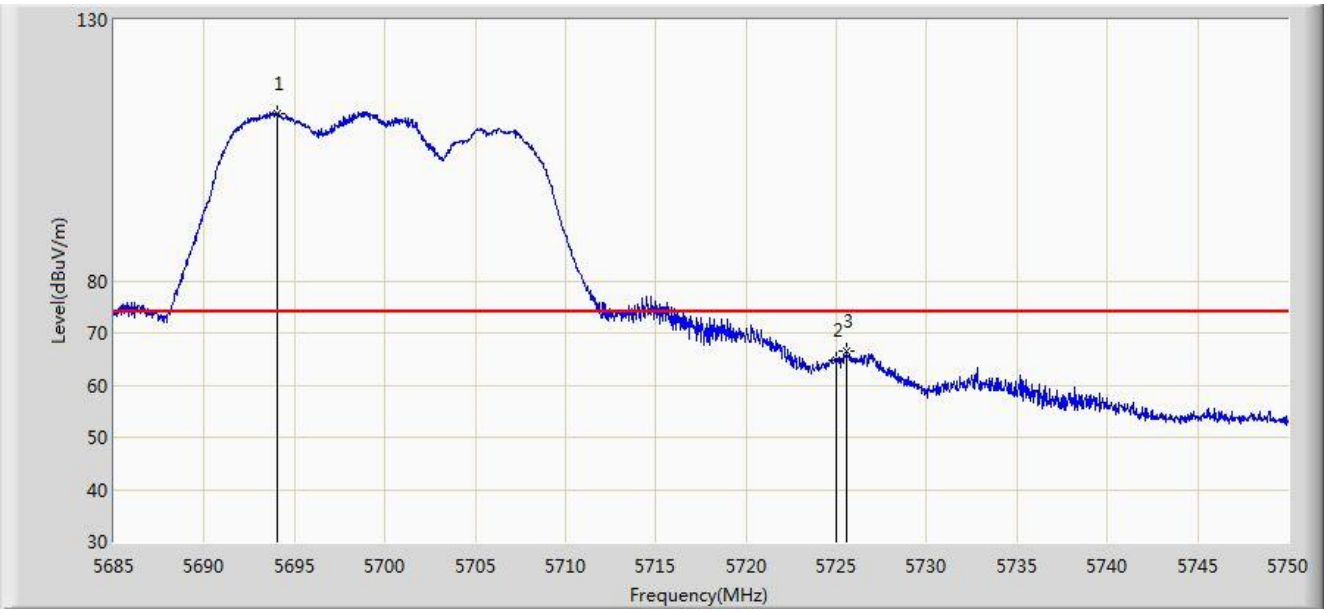


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5692.053	100.137	95.301	N/A	N/A	4.836	AV
2			5725.000	45.432	40.403	-8.568	54.000	5.029	AV
3			5726.730	45.788	40.748	-8.212	54.000	5.040	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 22:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz Ant 0+1+2+3	

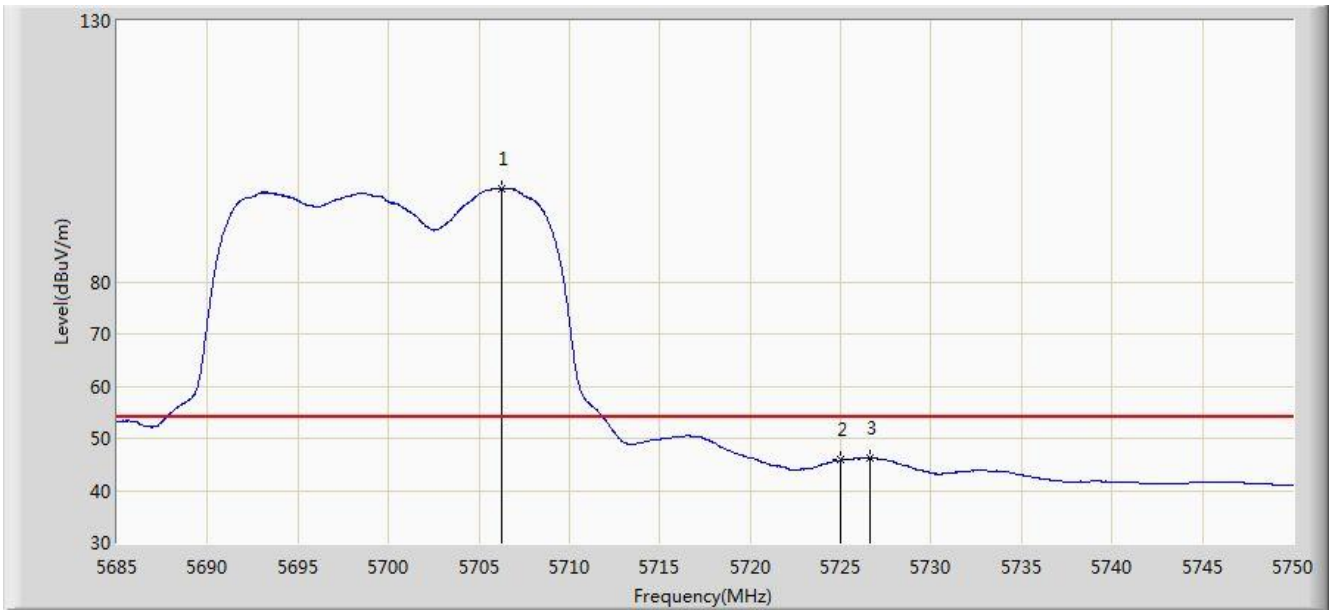


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5694.035	112.141	107.294	N/A	N/A	4.847	PK
2			5725.000	64.769	59.740	-9.231	74.000	5.029	PK
3			5725.560	66.419	61.386	-7.581	74.000	5.032	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 22:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5700MHz Ant 0+1+2+3	

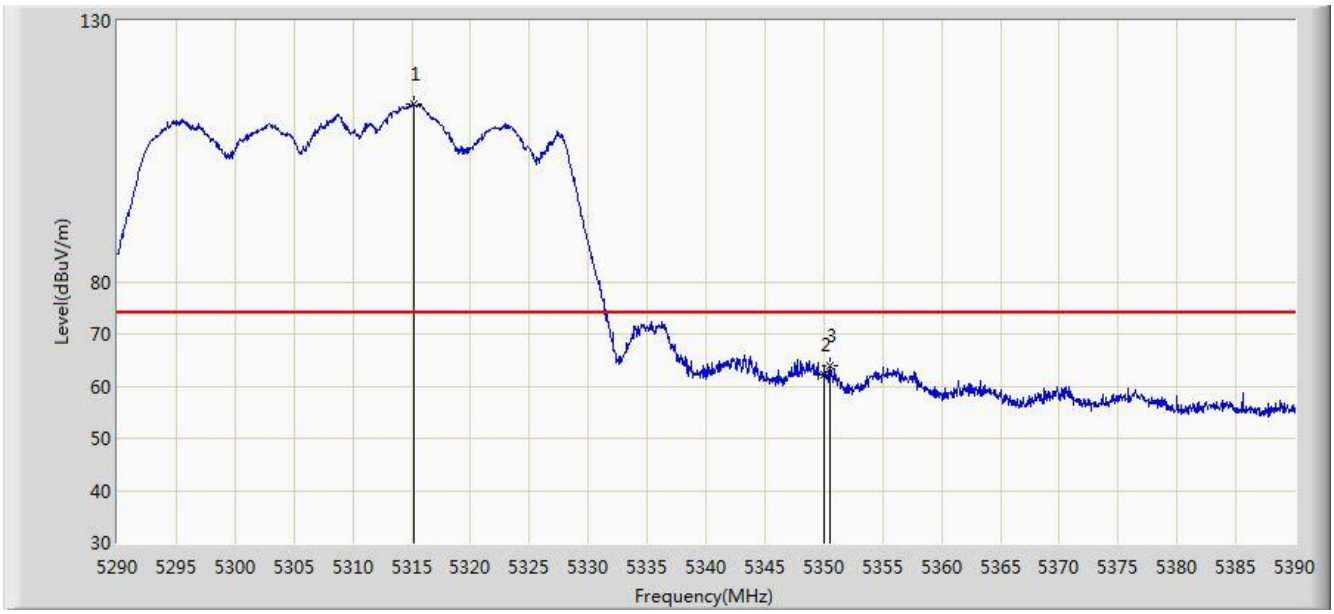


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5706.288	97.905	92.993	N/A	N/A	4.912	AV
2			5725.000	45.823	40.794	-8.177	54.000	5.029	AV
3			5726.600	46.241	41.202	-7.759	54.000	5.039	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 23:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz Ant 0+1+2+3	

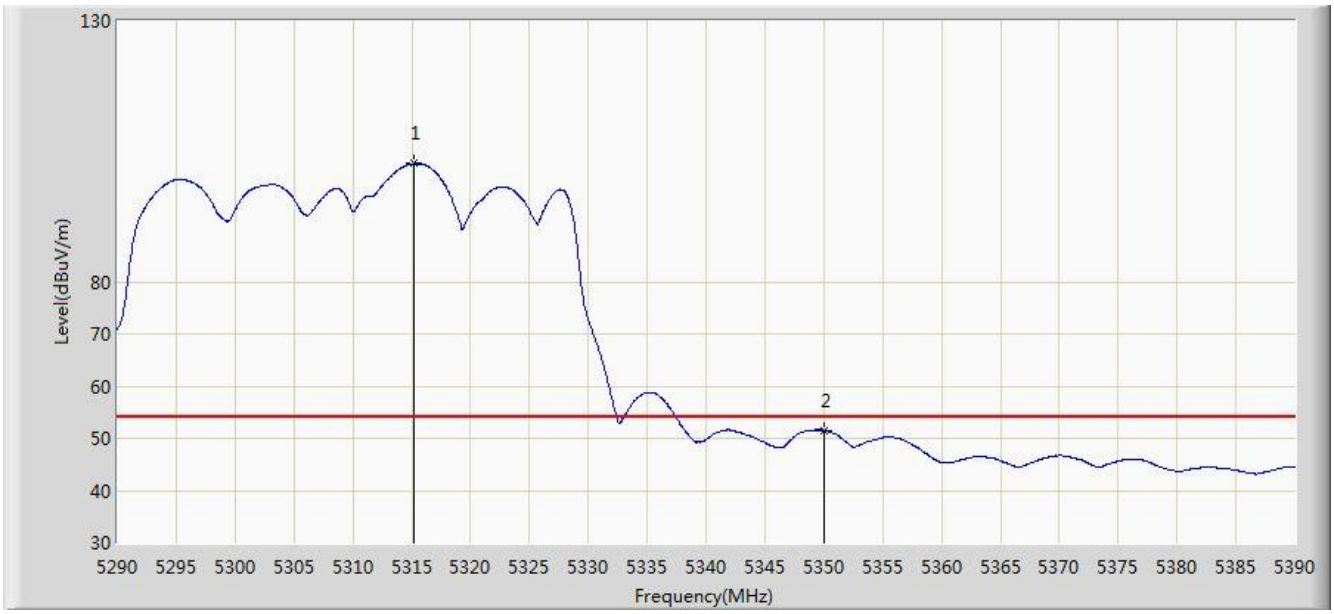


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.200	114.126	110.286	N/A	N/A	3.840	PK
2			5350.000	62.119	58.214	-11.881	74.000	3.904	PK
3			5350.500	63.911	60.005	-10.089	74.000	3.906	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 23:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz Ant 0+1+2+3	

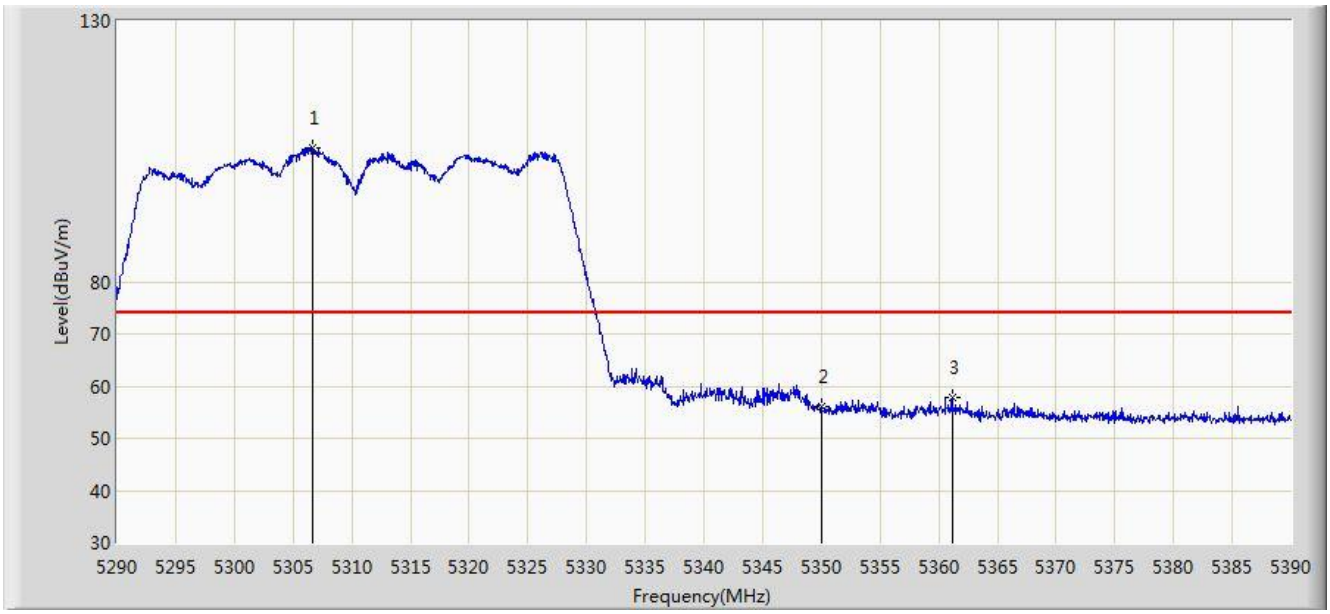


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.150	102.609	98.770	N/A	N/A	3.840	AV
2			5350.000	51.501	47.596	-2.499	54.000	3.904	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 23:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz Ant 0+1+2+3	

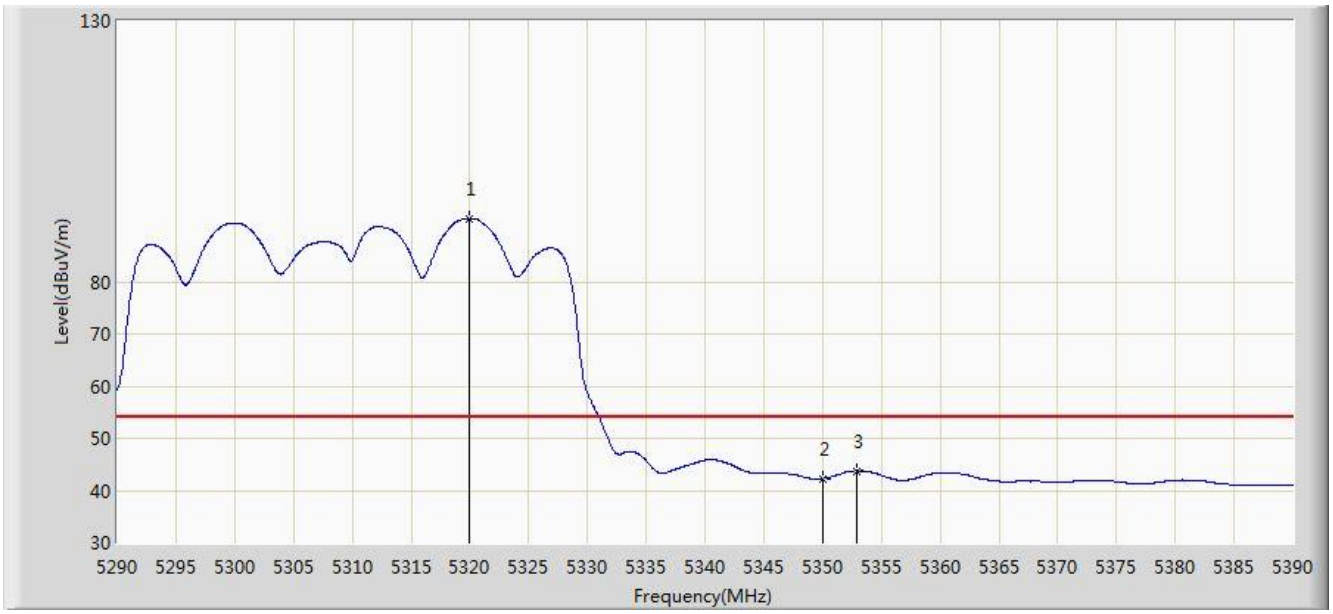


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5306.700	105.624	101.800	N/A	N/A	3.824	PK
2			5350.000	56.028	52.123	-17.972	74.000	3.904	PK
3			5361.150	57.914	53.989	-16.086	74.000	3.925	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 23:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5310MHz Ant 0+1+2+3	

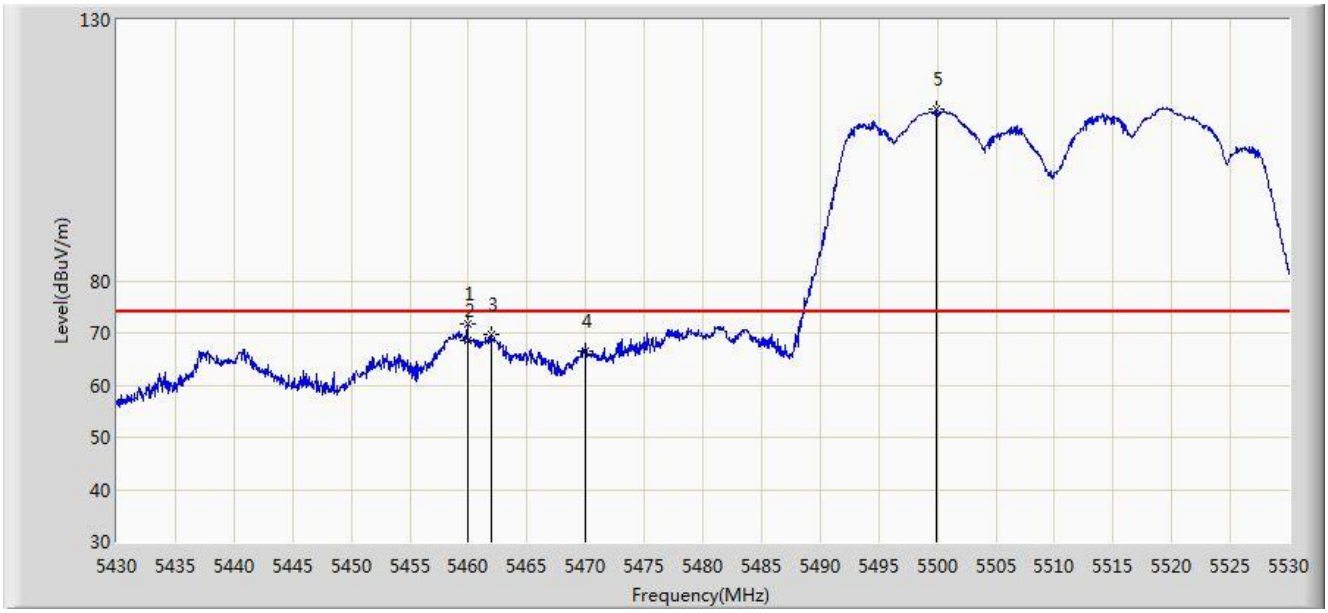


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5319.950	92.025	88.177	N/A	N/A	3.849	AV
2			5350.000	42.264	38.359	-11.736	54.000	3.904	AV
3			5352.950	43.754	39.844	-10.246	54.000	3.911	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 23:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510MHz Ant 0+1+2+3	

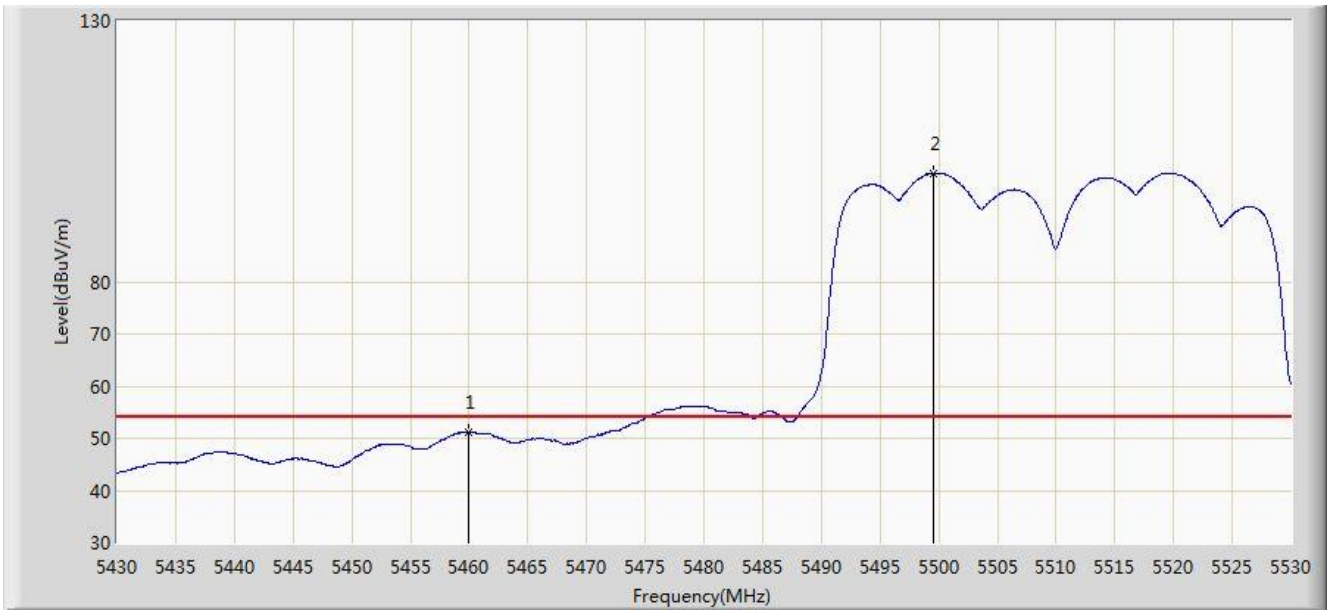


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.900	71.847	67.667	-2.153	74.000	4.180	PK
2			5460.000	68.424	64.244	-5.576	74.000	4.180	PK
3			5461.900	69.608	65.424	-4.392	74.000	4.185	PK
4			5470.000	66.432	62.230	-7.568	74.000	4.202	PK
5		*	5499.900	112.875	108.603	N/A	N/A	4.272	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 23:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510MHz Ant 0+1+2+3	

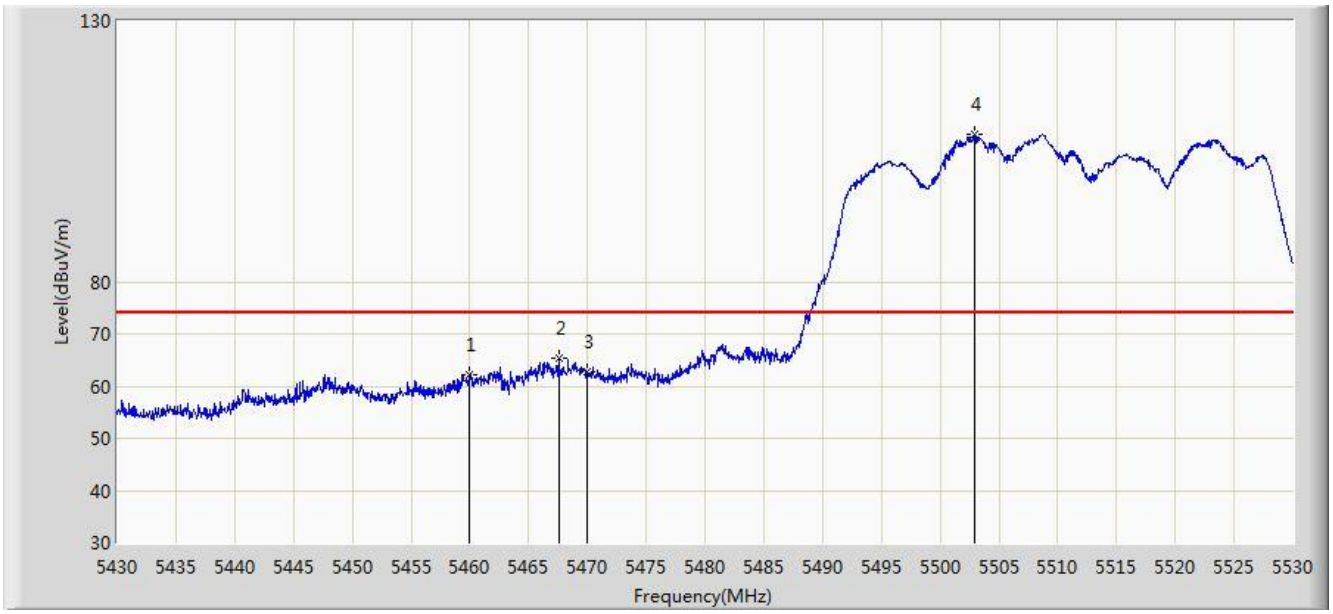


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	51.215	47.035	-2.785	54.000	4.180	AV
2		*	5499.600	100.758	96.487	N/A	N/A	4.271	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 23:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510MHz Ant 0+1+2+3	

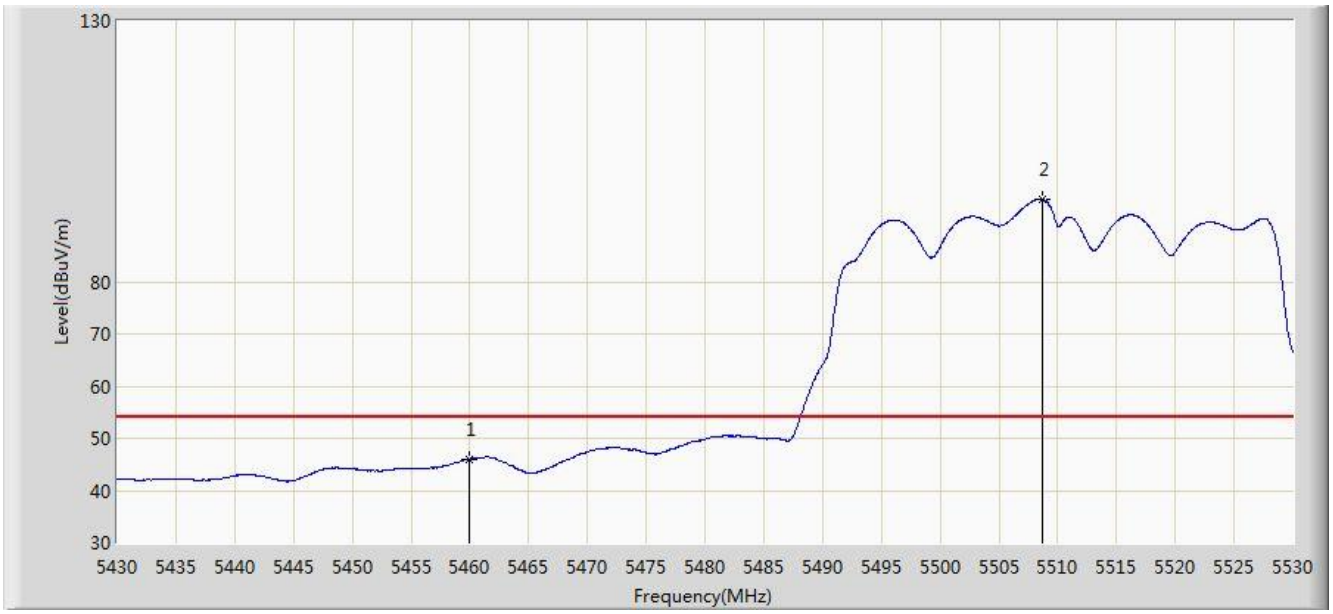


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	62.046	57.866	-11.954	74.000	4.180	PK
2			5467.600	65.315	61.118	-8.685	74.000	4.197	PK
3			5470.000	62.847	58.645	-11.153	74.000	4.202	PK
4		*	5502.900	108.206	103.925	N/A	N/A	4.281	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 23:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5510MHz Ant 0+1+2+3	

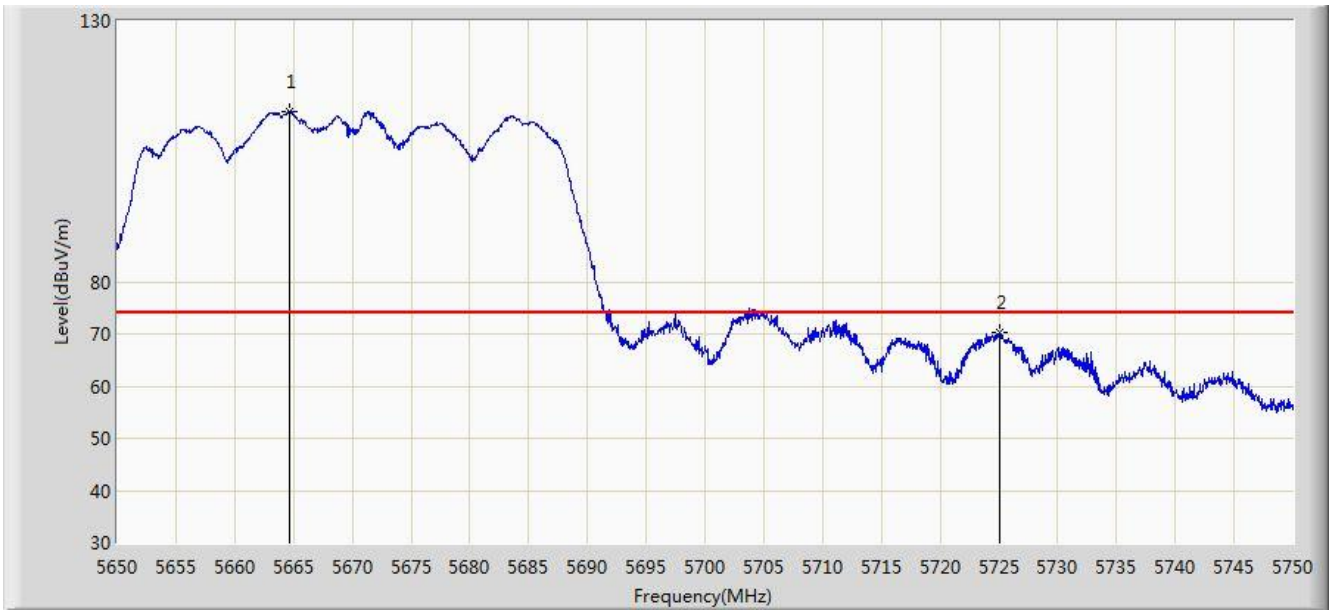


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	46.022	41.842	-7.978	54.000	4.180	AV
2		*	5508.650	95.802	91.505	N/A	N/A	4.298	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 23:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5670MHz Ant 0+1+2+3	

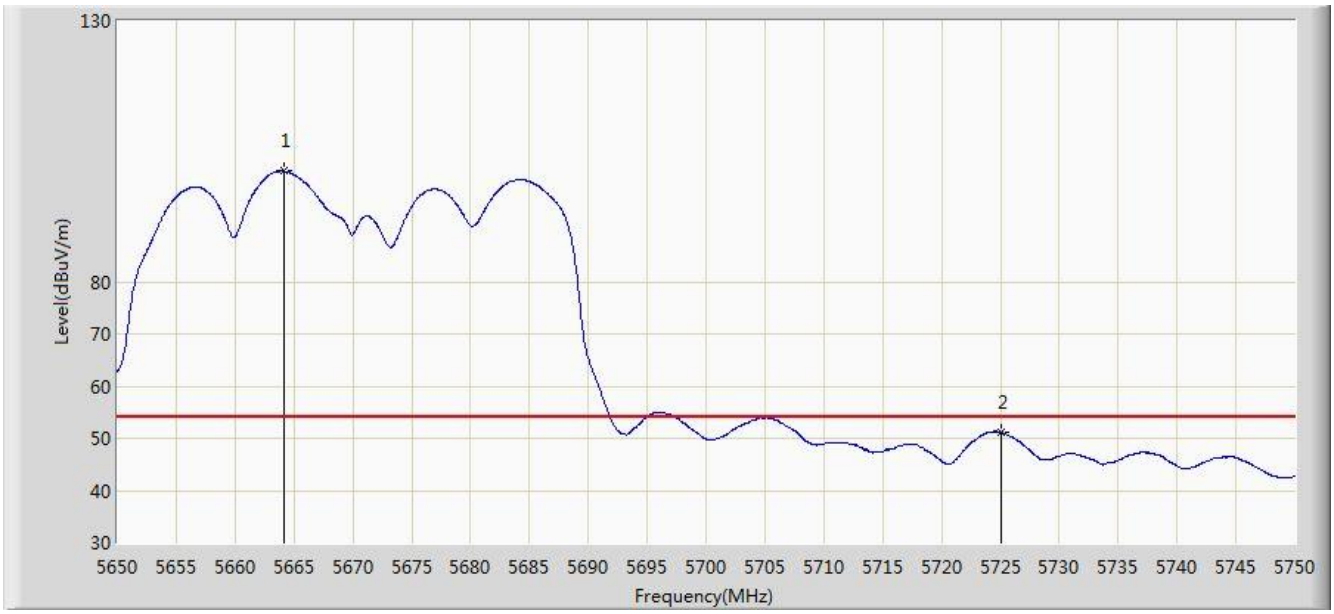


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5664.700	112.524	107.798	N/A	N/A	4.727	PK
2			5725.000	70.146	65.117	-3.854	74.000	5.029	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 23:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5670MHz Ant 0+1+2+3	

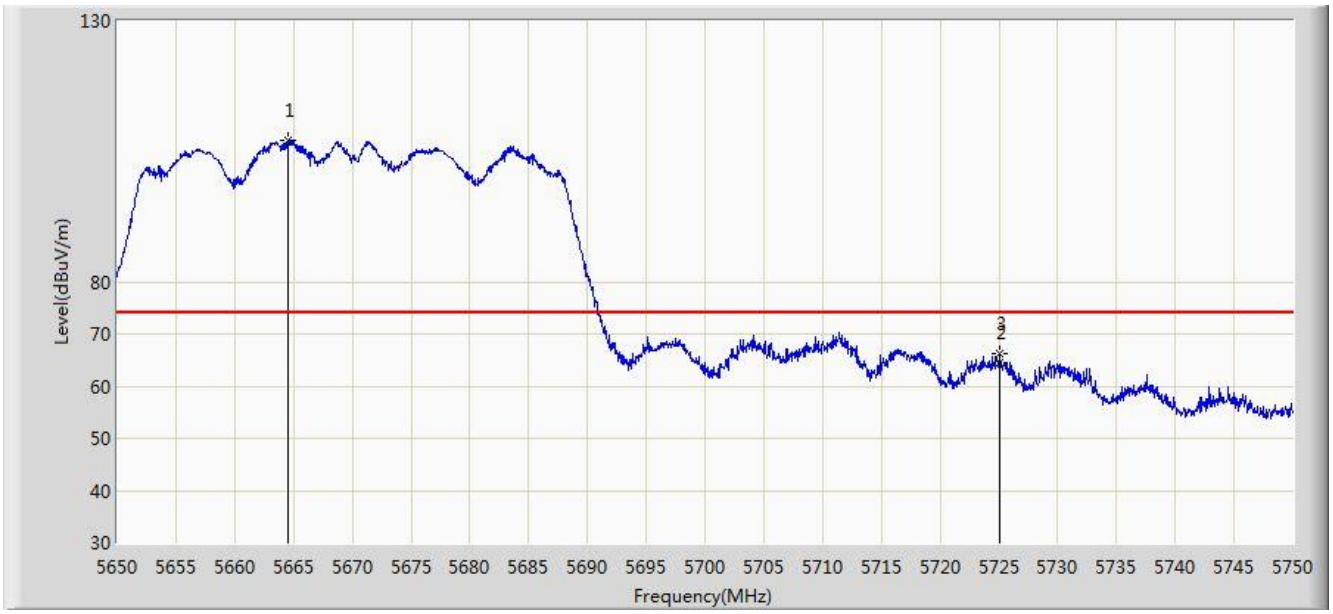


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5664.100	101.177	96.454	N/A	N/A	4.724	AV
2			5725.000	51.273	46.244	-2.727	54.000	5.029	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 23:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5670MHz Ant 0+1+2+3	

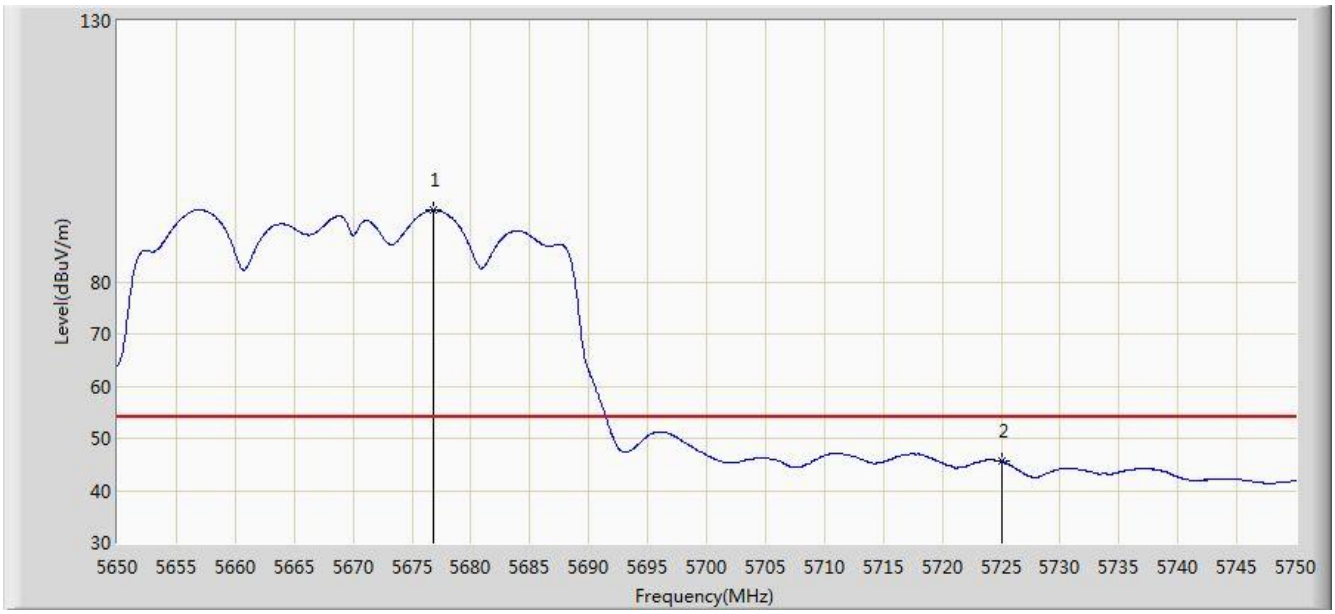


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5664.550	107.198	102.473	N/A	N/A	4.724	PK
2			5725.000	64.417	59.388	-9.583	74.000	5.029	PK
3			5725.100	66.197	61.167	-7.803	74.000	5.030	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/13 - 23:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5670MHz Ant 0+1+2+3	

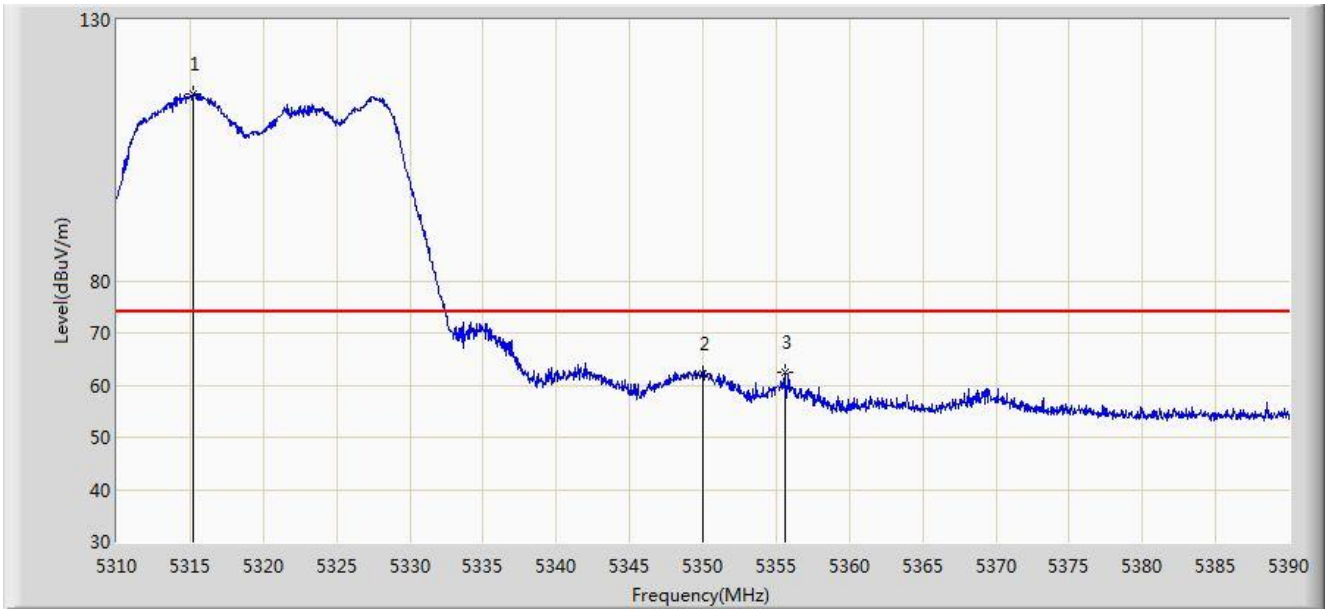


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5676.850	93.766	88.991	N/A	N/A	4.775	AV
2			5725.000	45.516	40.487	-8.484	54.000	5.029	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 00:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz Ant 0+1+2+3	

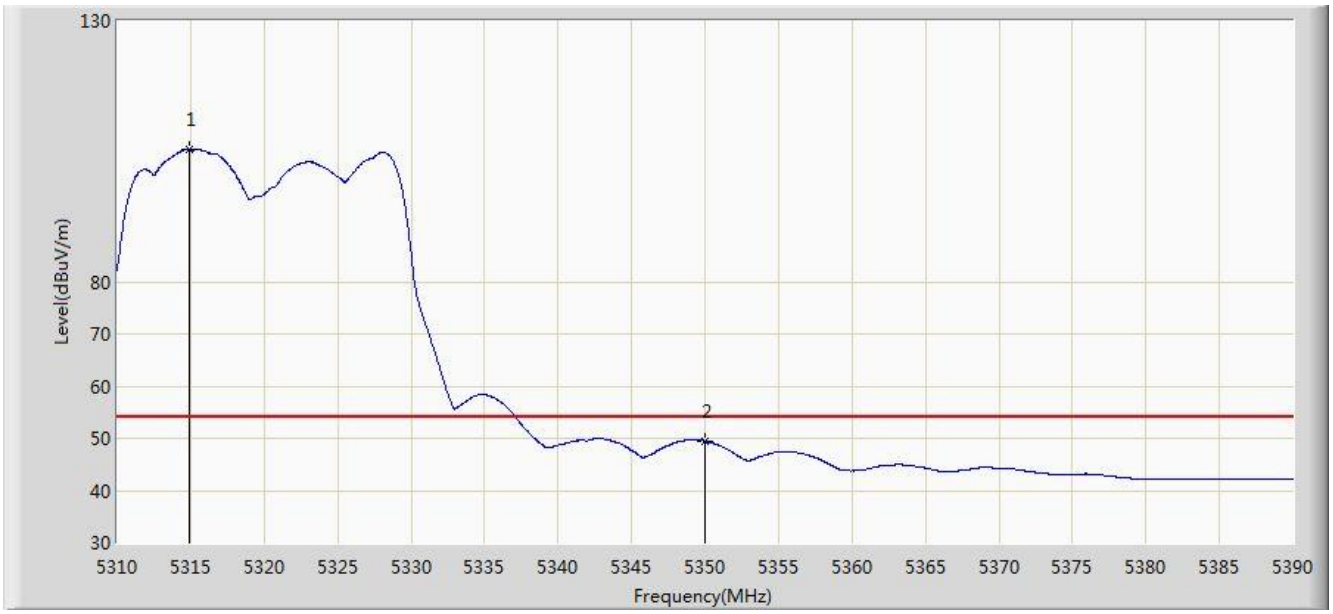


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.200	115.699	111.859	N/A	N/A	3.840	PK
2			5350.000	62.156	58.251	-11.844	74.000	3.904	PK
3			5355.600	62.551	58.636	-11.449	74.000	3.915	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 00:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz Ant 0+1+2+3	

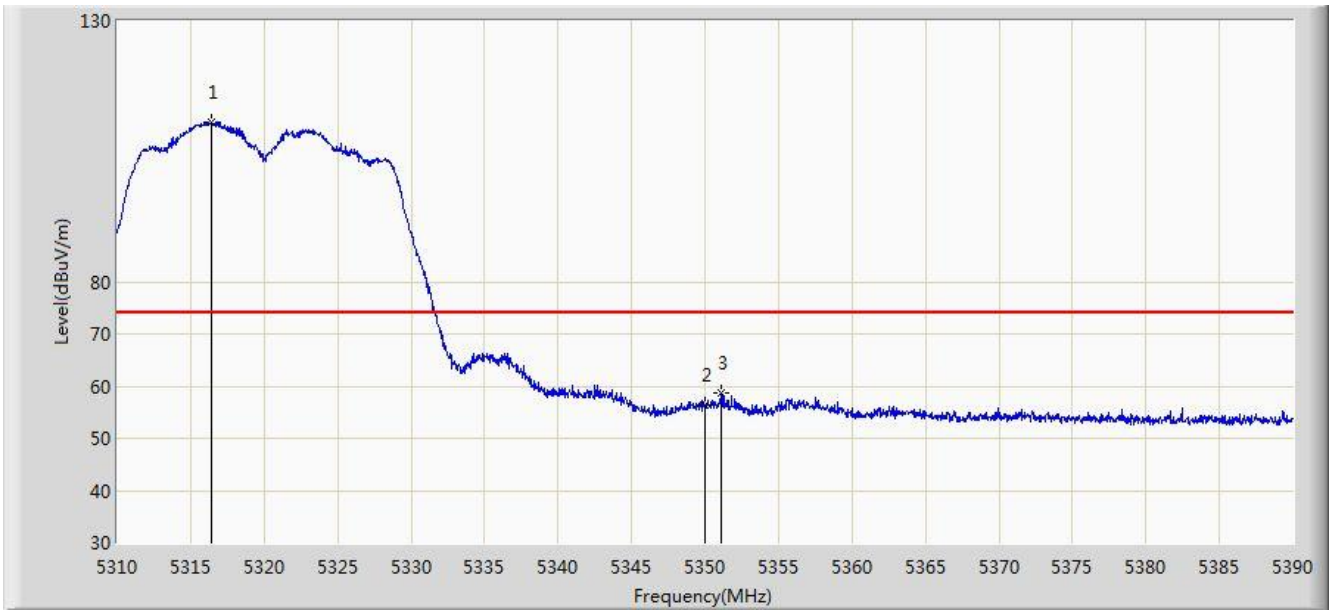


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.920	105.422	101.583	N/A	N/A	3.839	AV
2			5350.000	49.497	45.592	-4.503	54.000	3.904	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 00:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz Ant 0+1+2+3	

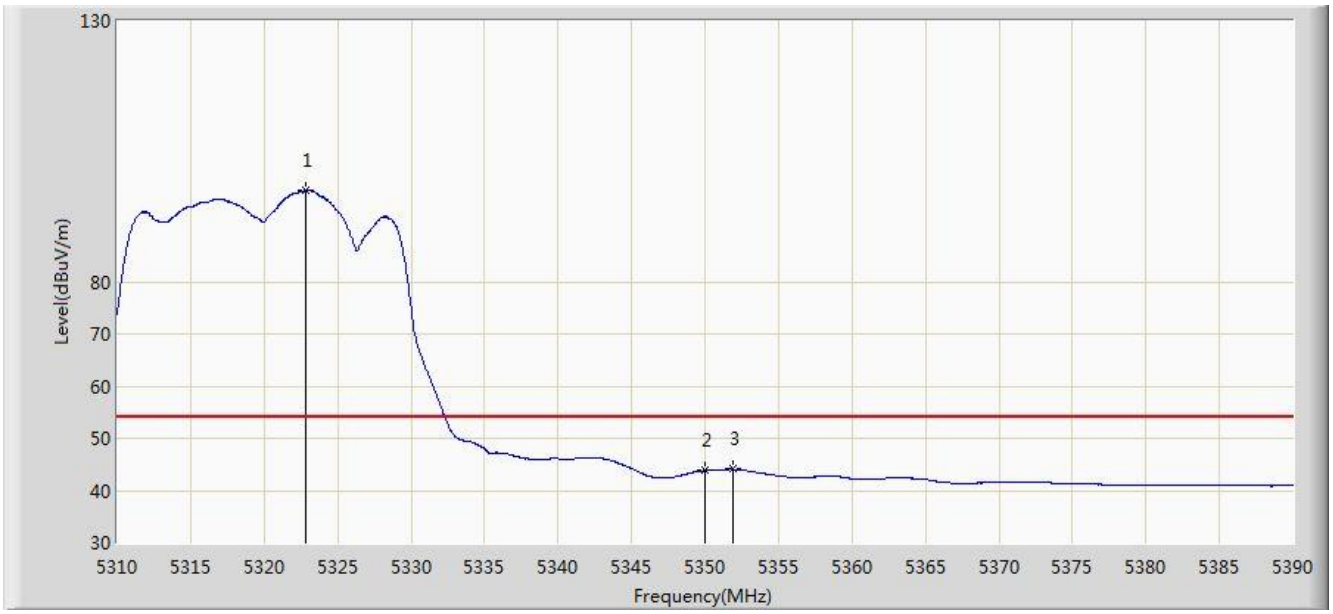


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5316.440	110.622	106.780	N/A	N/A	3.842	PK
2			5350.000	56.282	52.377	-17.718	74.000	3.904	PK
3			5351.120	58.804	54.897	-15.196	74.000	3.906	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 00:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz Ant 0+1+2+3	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5322.880	97.486	93.632	N/A	N/A	3.854	AV
2			5350.000	43.805	39.900	-10.195	54.000	3.904	AV
3			5351.880	44.067	40.159	-9.933	54.000	3.908	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

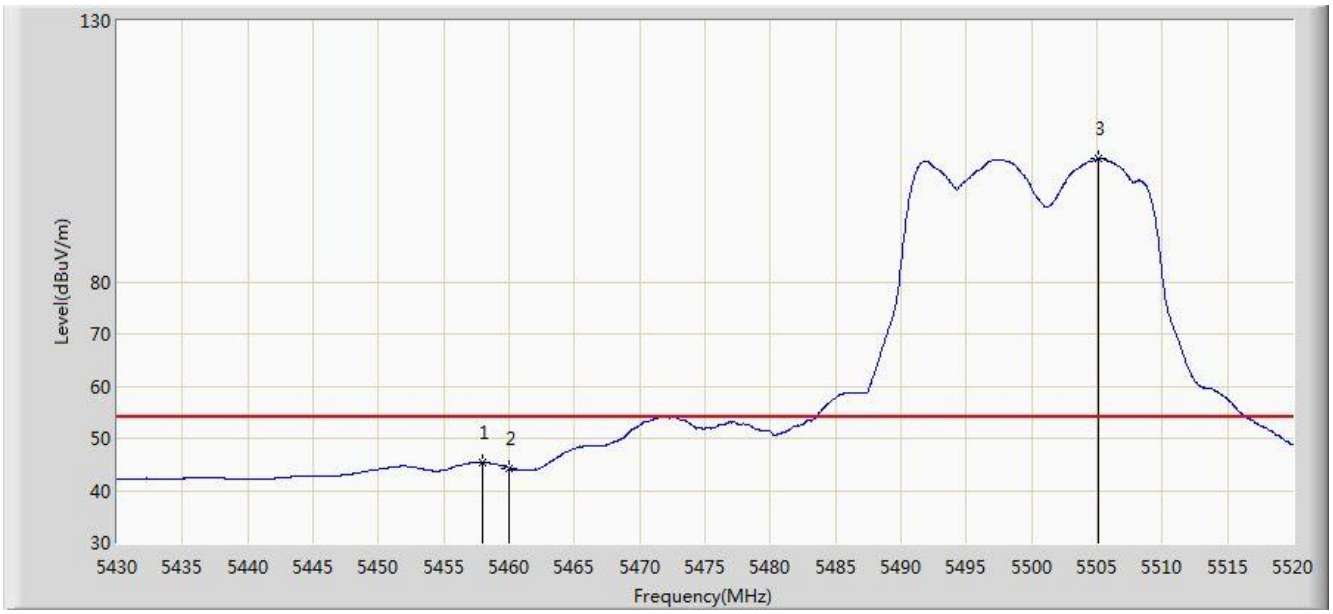
Site: AC1	Time: 2016/09/14 - 00:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz Ant 0+1+2+3	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.980	59.464	55.286	-14.536	74.000	4.178	PK
2			5460.000	55.946	51.766	-18.054	74.000	4.180	PK
3			5470.000	67.010	62.808	-6.990	74.000	4.202	PK
4		*	5505.150	114.410	110.123	N/A	N/A	4.287	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 00:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz Ant 0+1+2+3	

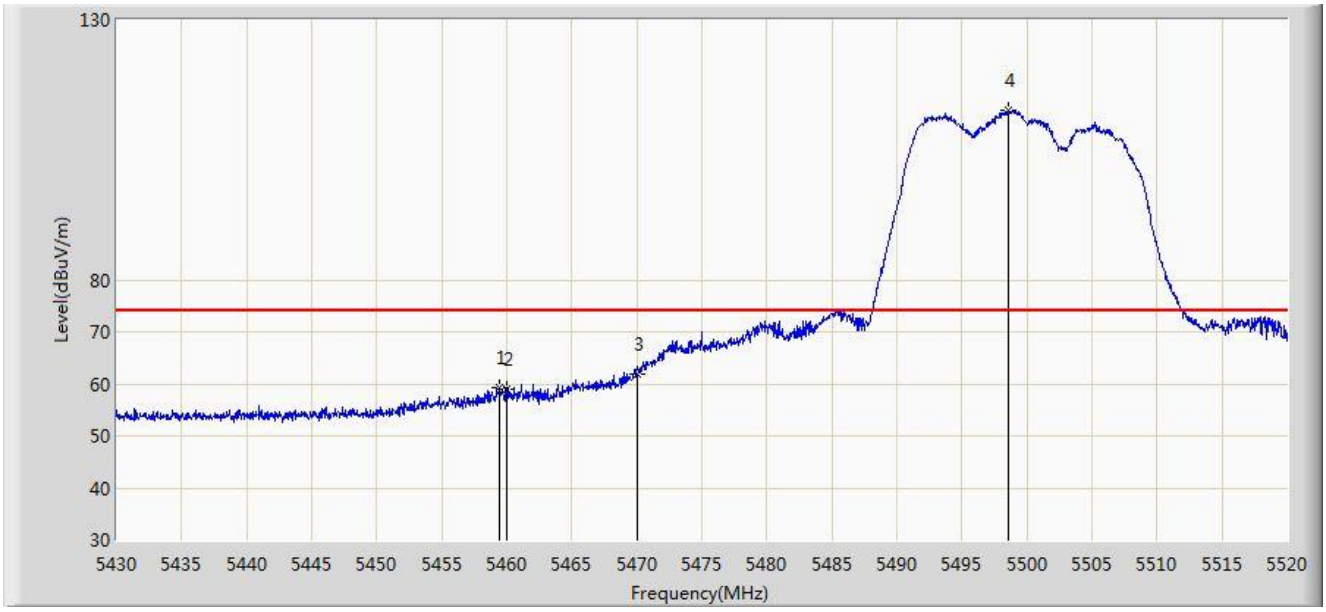


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.945	45.435	41.259	-8.565	54.000	4.176	AV
2			5460.000	44.303	40.123	-9.697	54.000	4.180	AV
3		*	5505.105	103.567	99.280	N/A	N/A	4.287	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 00:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz Ant 0+1+2+3	

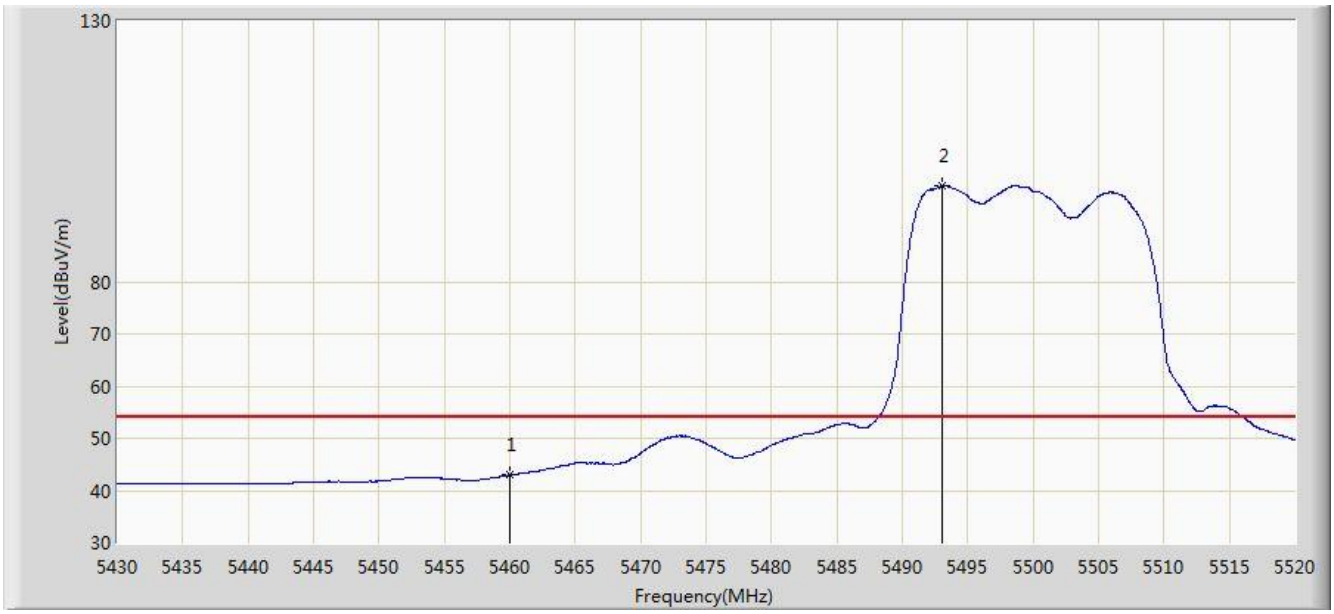


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.430	59.373	55.194	-14.627	74.000	4.179	PK
2			5460.000	58.849	54.669	-15.151	74.000	4.180	PK
3			5470.000	61.777	57.575	-12.223	74.000	4.202	PK
4		*	5498.580	112.497	108.229	N/A	N/A	4.268	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 00:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz Ant 0+1+2+3	

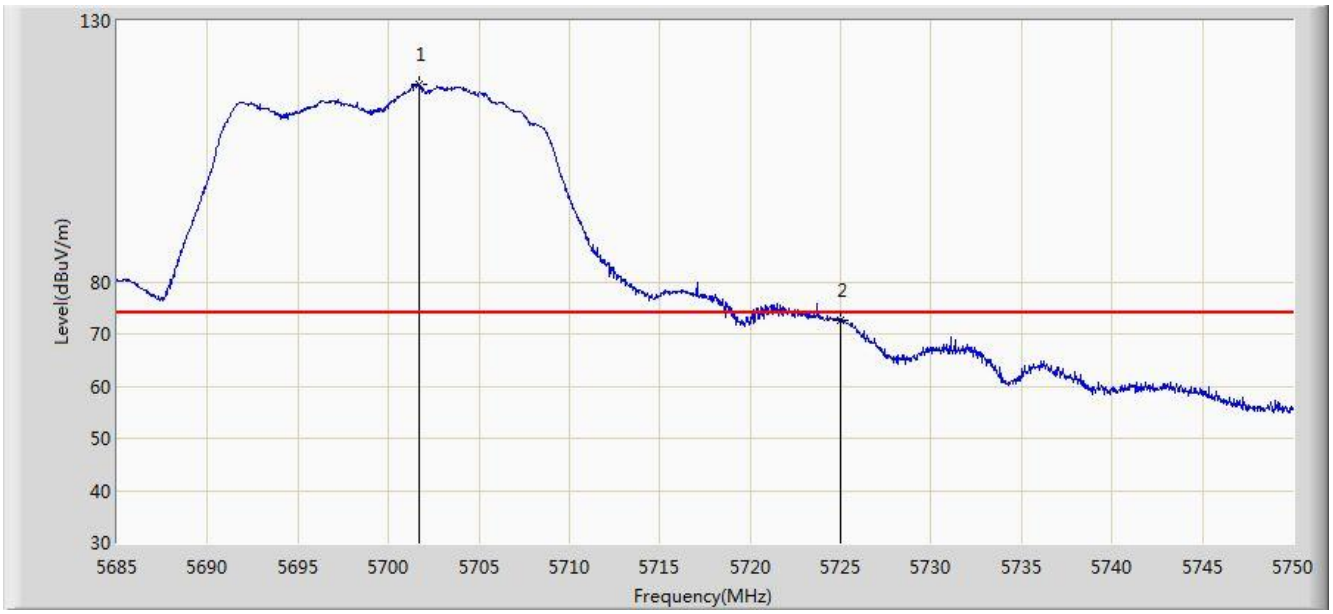


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	43.008	38.828	-10.992	54.000	4.180	AV
2		*	5493.090	98.396	94.141	N/A	N/A	4.255	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 00:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0+1+2+3	

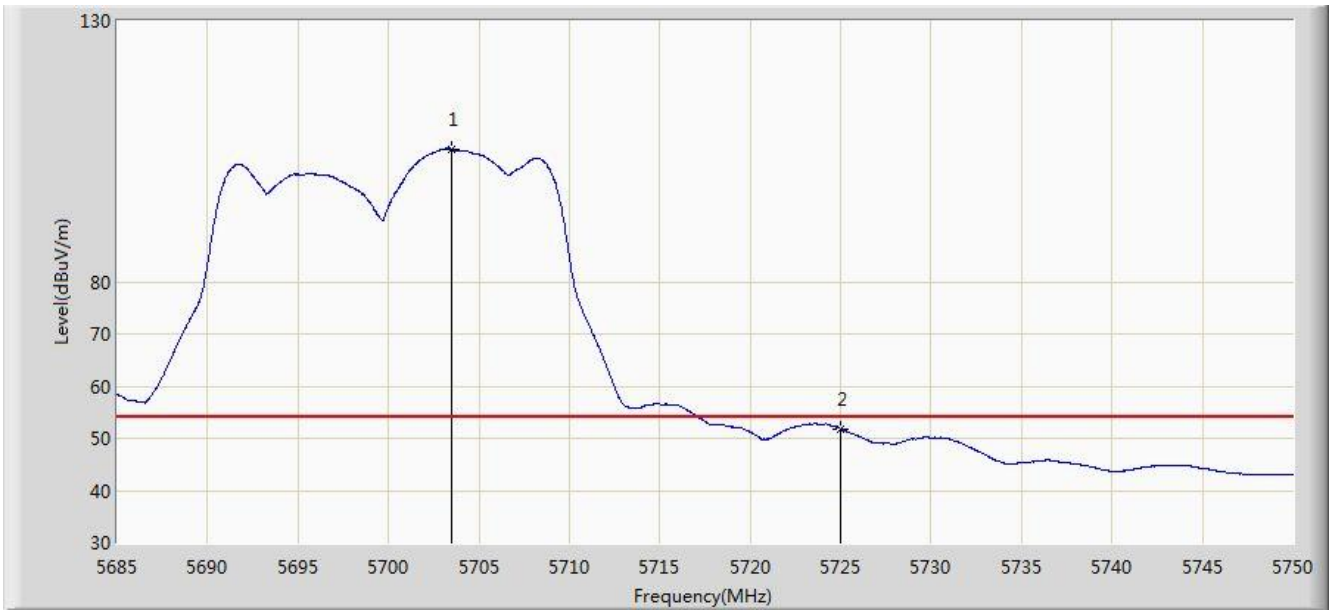


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5701.672	117.755	112.868	N/A	N/A	4.887	PK
2			5725.000	72.501	67.472	-1.499	74.000	5.029	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 00:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0+1+2+3	

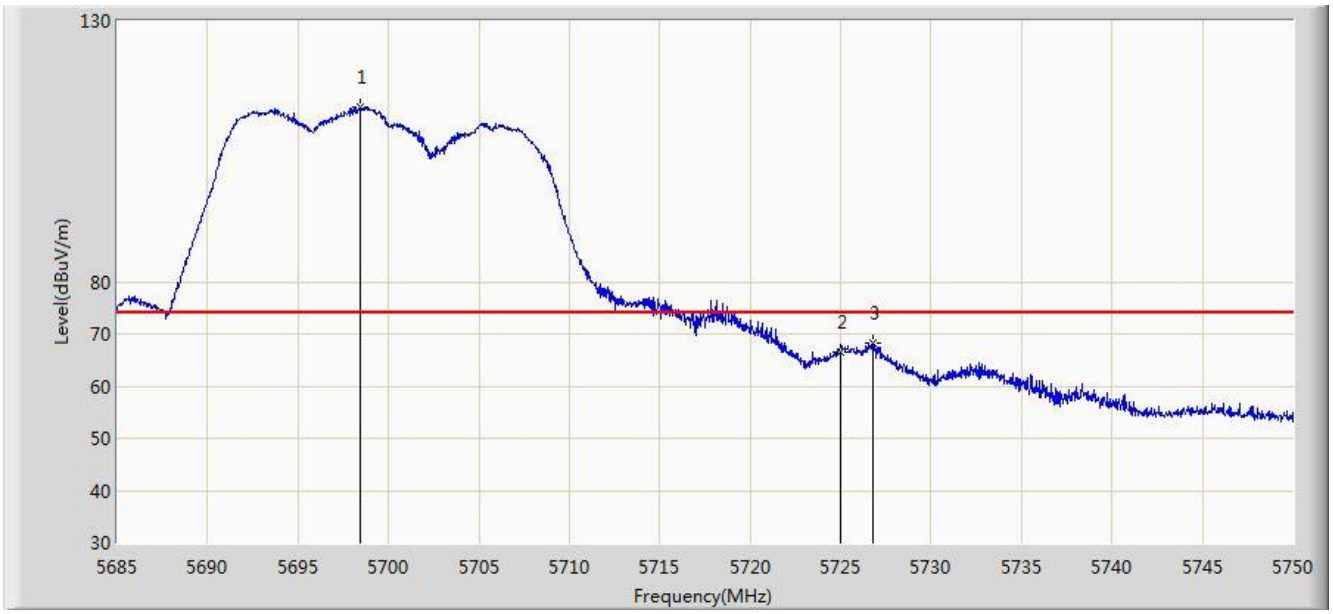


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5703.460	105.370	100.473	N/A	N/A	4.897	AV
2			5725.000	51.825	46.796	-2.175	54.000	5.029	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 00:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0+1+2+3	

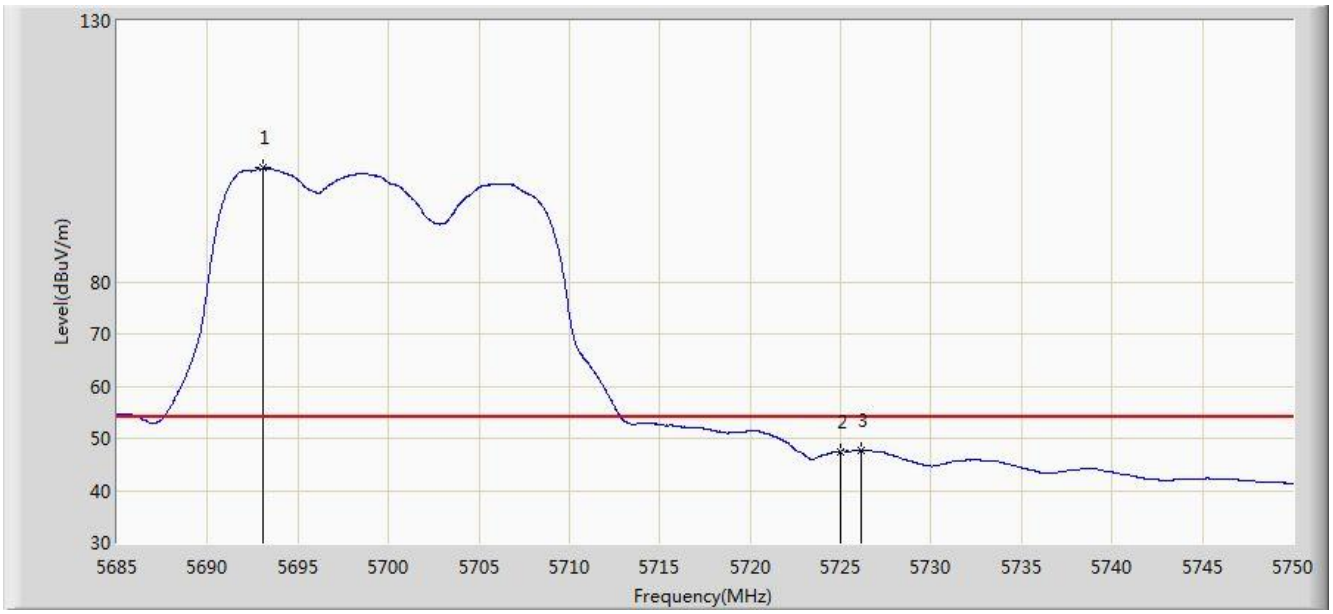


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5698.422	113.398	108.528	N/A	N/A	4.870	PK
2			5725.000	66.546	61.517	-7.454	74.000	5.029	PK
3			5726.795	68.134	63.094	-5.866	74.000	5.040	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 00:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz Ant 0+1+2+3	

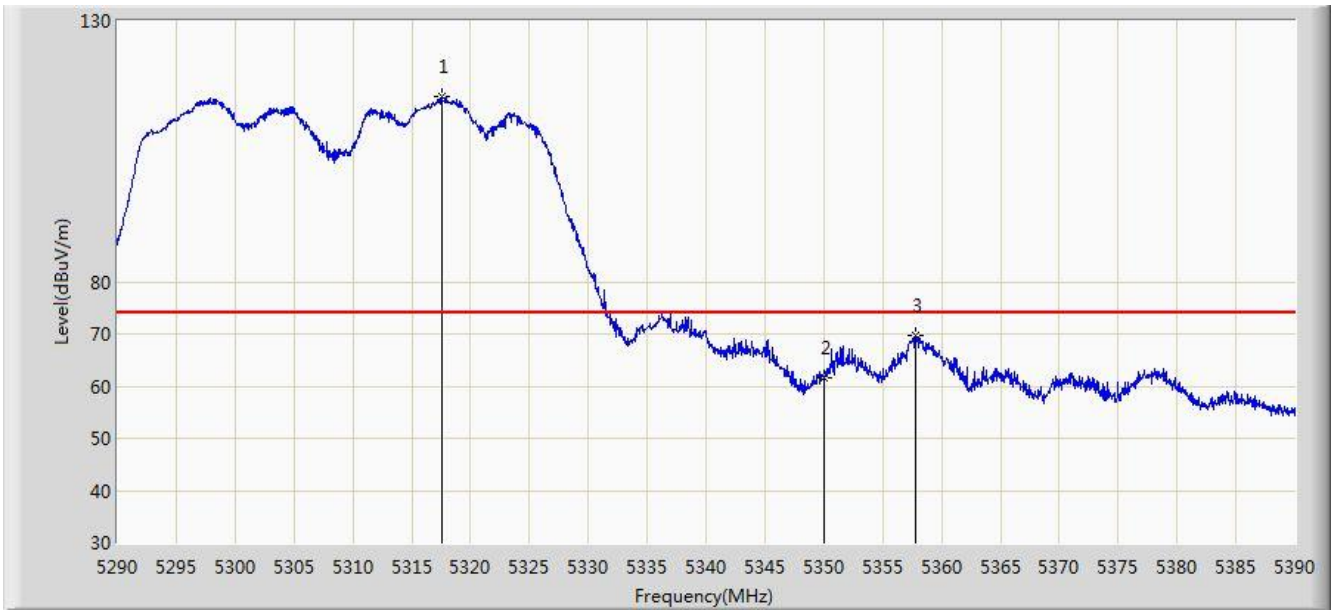


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5693.060	101.766	96.925	N/A	N/A	4.841	AV
2			5725.000	47.532	42.503	-6.468	54.000	5.029	AV
3			5726.112	47.609	42.573	-6.391	54.000	5.036	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 00:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 0+1+2+3	

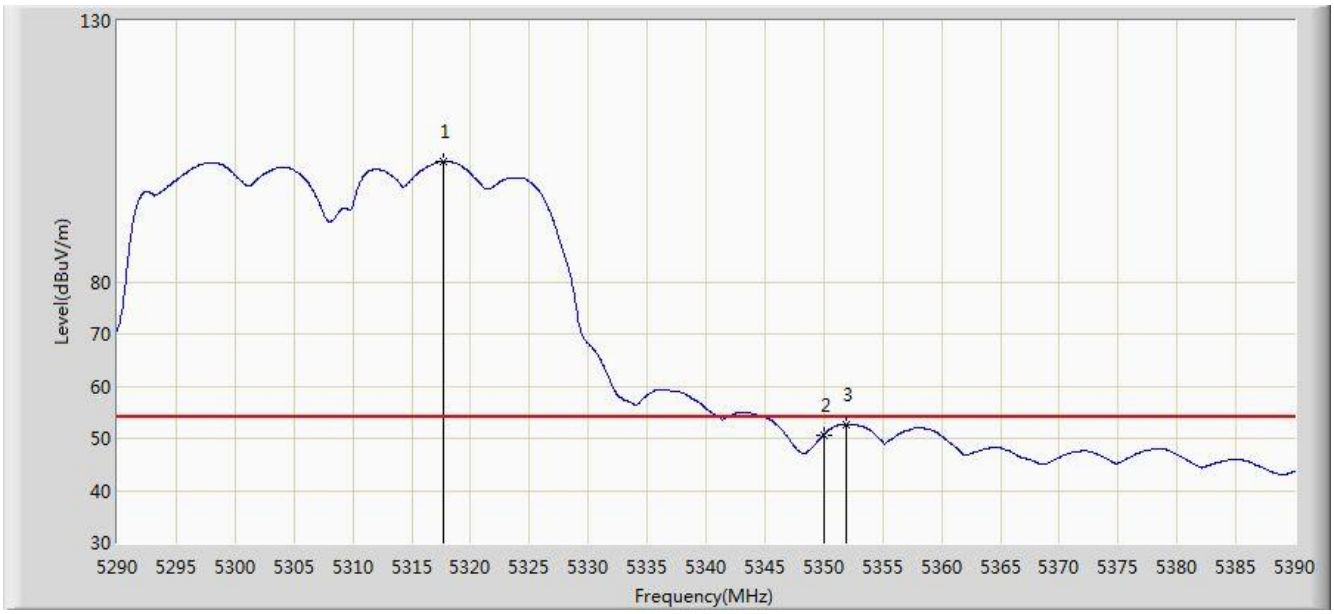


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5317.550	115.498	111.654	N/A	N/A	3.844	PK
2			5350.000	61.510	57.605	-12.490	74.000	3.904	PK
3			5357.800	69.791	65.872	-4.209	74.000	3.919	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 00:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 0+1+2+3	

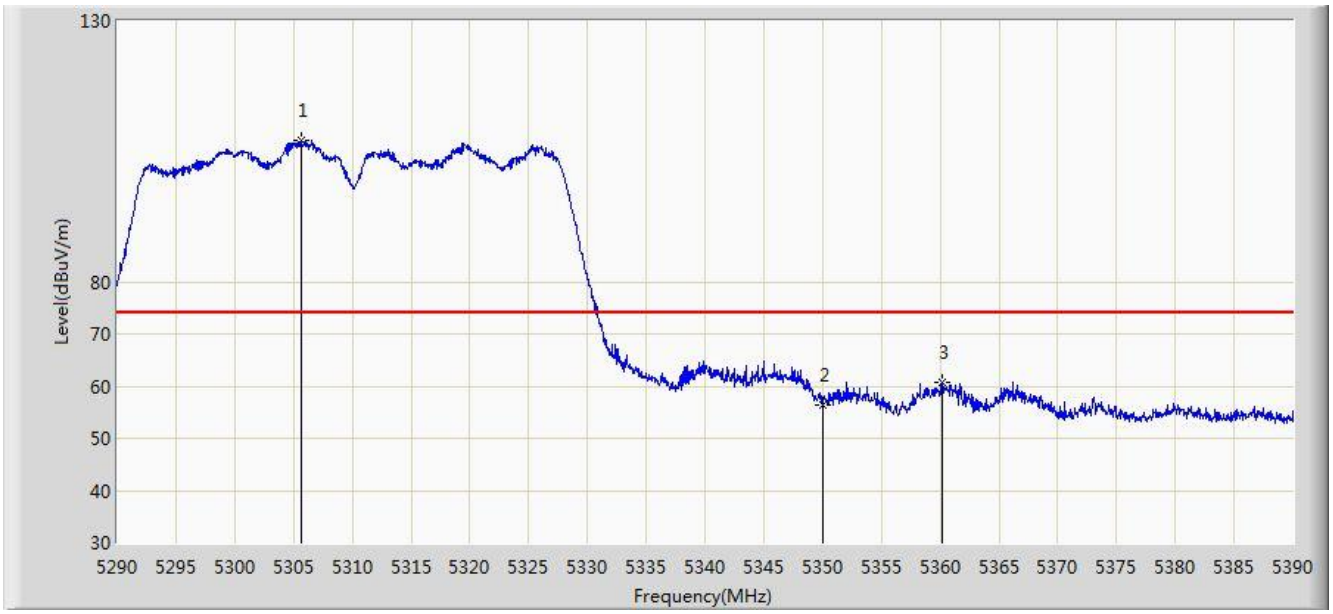


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5317.650	102.957	99.113	N/A	N/A	3.844	AV
2			5350.000	50.672	46.767	-3.328	54.000	3.904	AV
3			5351.850	52.649	48.741	-1.351	54.000	3.909	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 00:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 0+1+2+3	

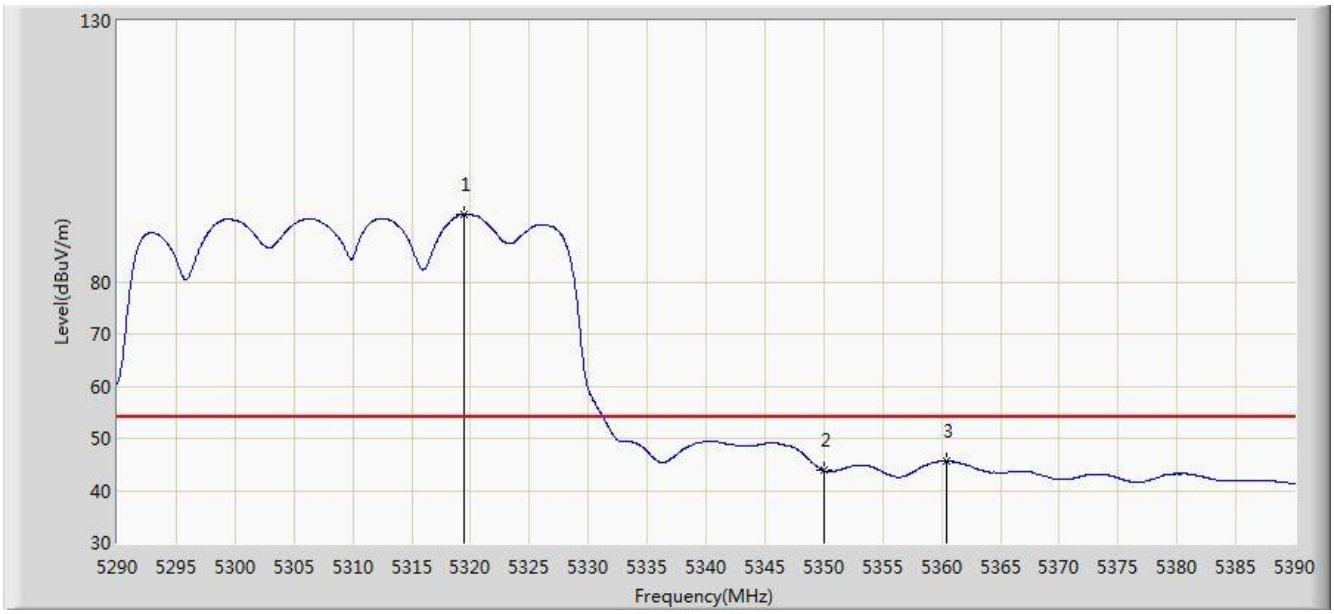


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5305.650	106.959	103.137	N/A	N/A	3.821	PK
2			5350.000	56.392	52.487	-17.608	74.000	3.904	PK
3			5360.200	60.647	56.724	-13.353	74.000	3.923	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 00:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz Ant 0+1+2+3	

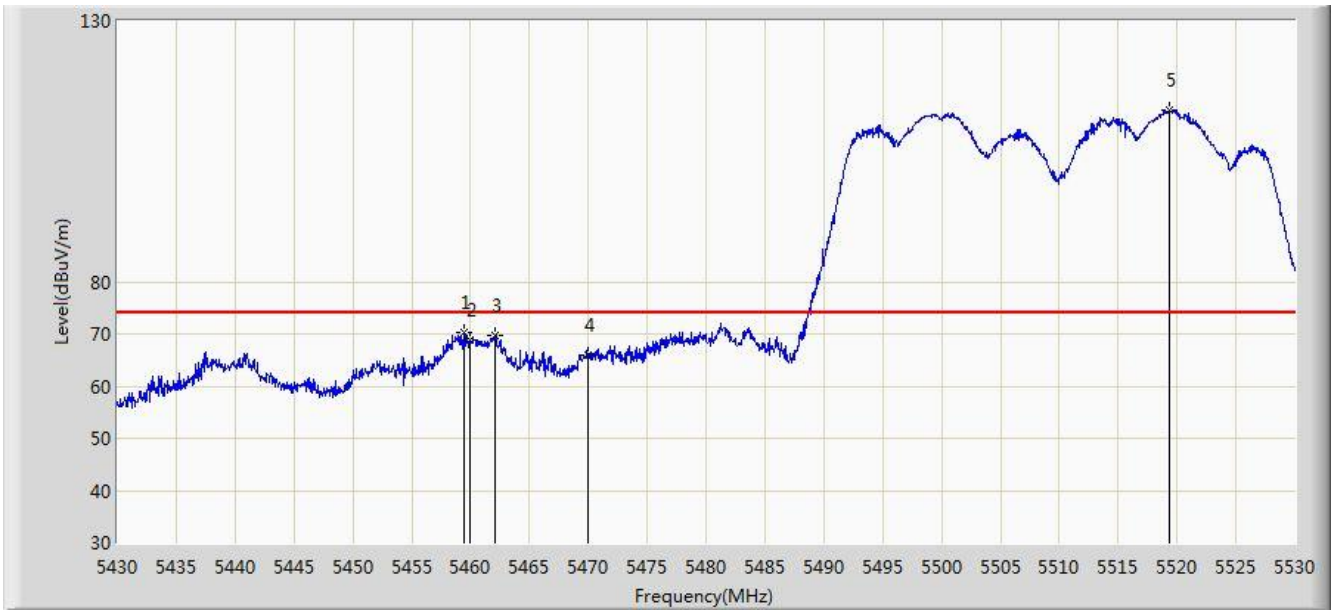


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5319.500	93.004	89.156	N/A	N/A	3.847	AV
2			5350.000	43.772	39.867	-10.228	54.000	3.904	AV
3			5360.400	45.569	41.646	-8.431	54.000	3.924	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 00:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 0+1+2+3	

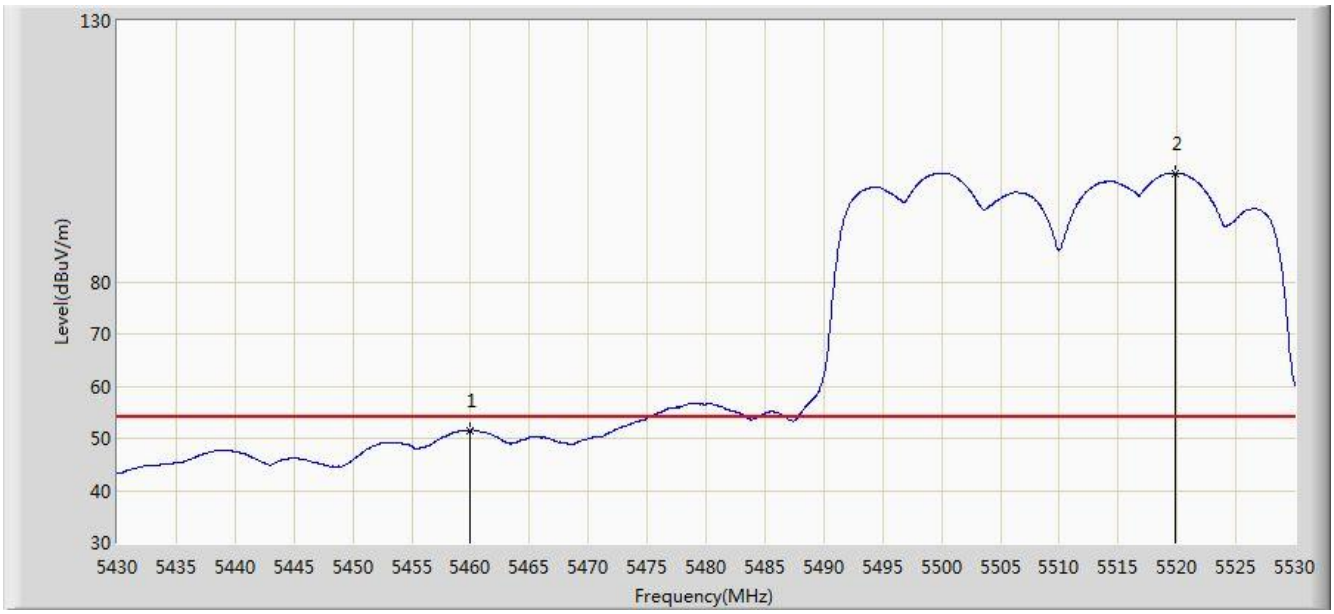


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5459.450	70.196	66.017	-3.804	74.000	4.179	PK
2			5460.000	68.892	64.712	-5.108	74.000	4.180	PK
3			5462.050	69.678	65.493	-4.322	74.000	4.185	PK
4			5470.000	66.023	61.821	-7.977	74.000	4.202	PK
5		*	5519.400	112.975	108.646	N/A	N/A	4.328	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 00:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 0+1+2+3	

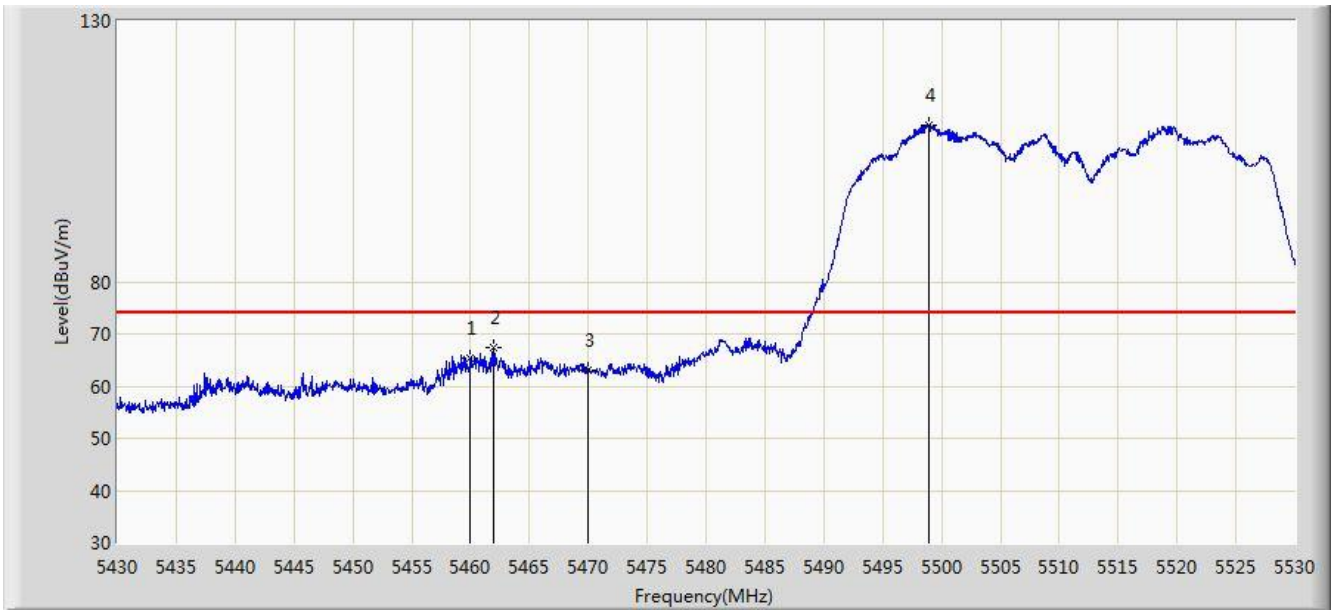


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	51.489	47.309	-2.511	54.000	4.180	AV
2		*	5519.850	100.766	96.435	N/A	N/A	4.331	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 00:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 0+1+2+3	

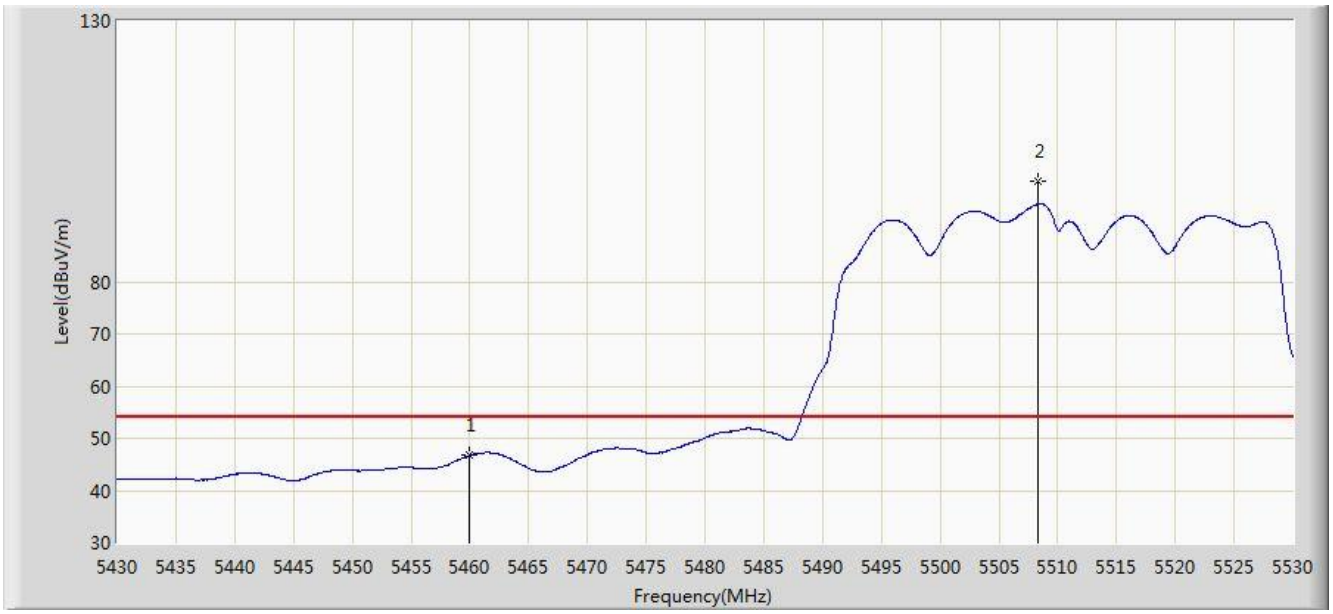


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	65.453	61.273	-8.547	74.000	4.180	PK
2			5461.900	67.436	63.252	-6.564	74.000	4.185	PK
3			5470.000	63.048	58.846	-10.952	74.000	4.202	PK
4		*	5498.900	109.996	105.727	N/A	N/A	4.269	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 00:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz Ant 0+1+2+3	

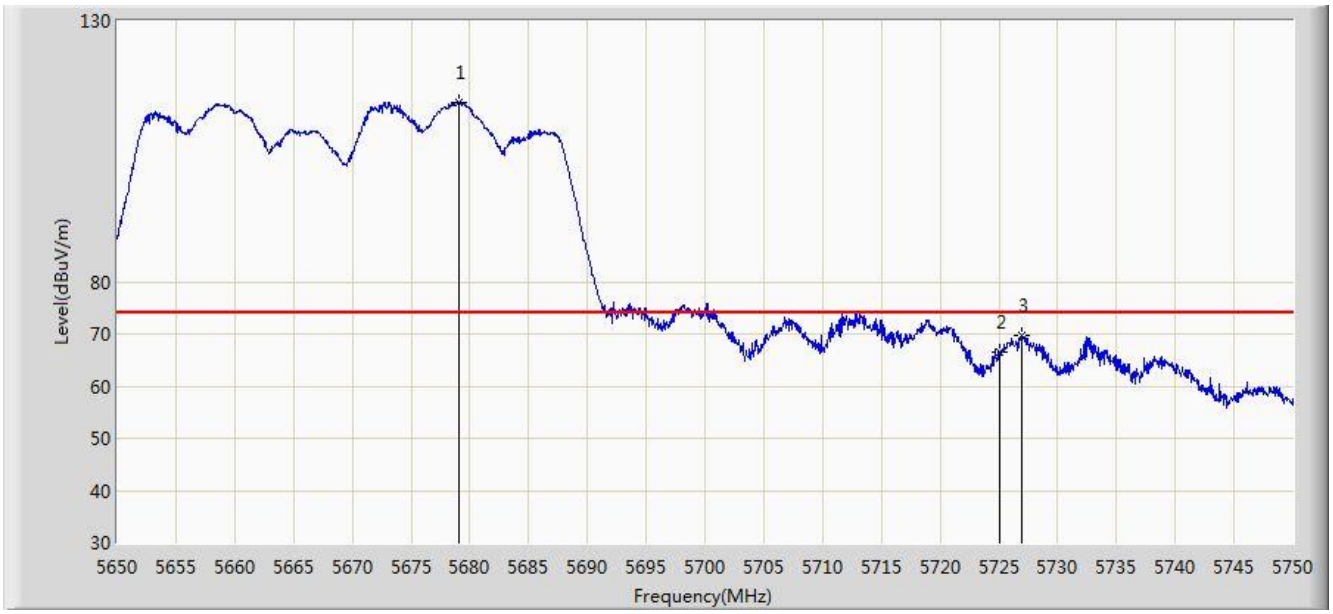


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	46.720	42.540	-7.280	54.000	4.180	AV
2		*	5508.350	99.159	94.863	N/A	N/A	4.296	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 00:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 0+1+2+3	

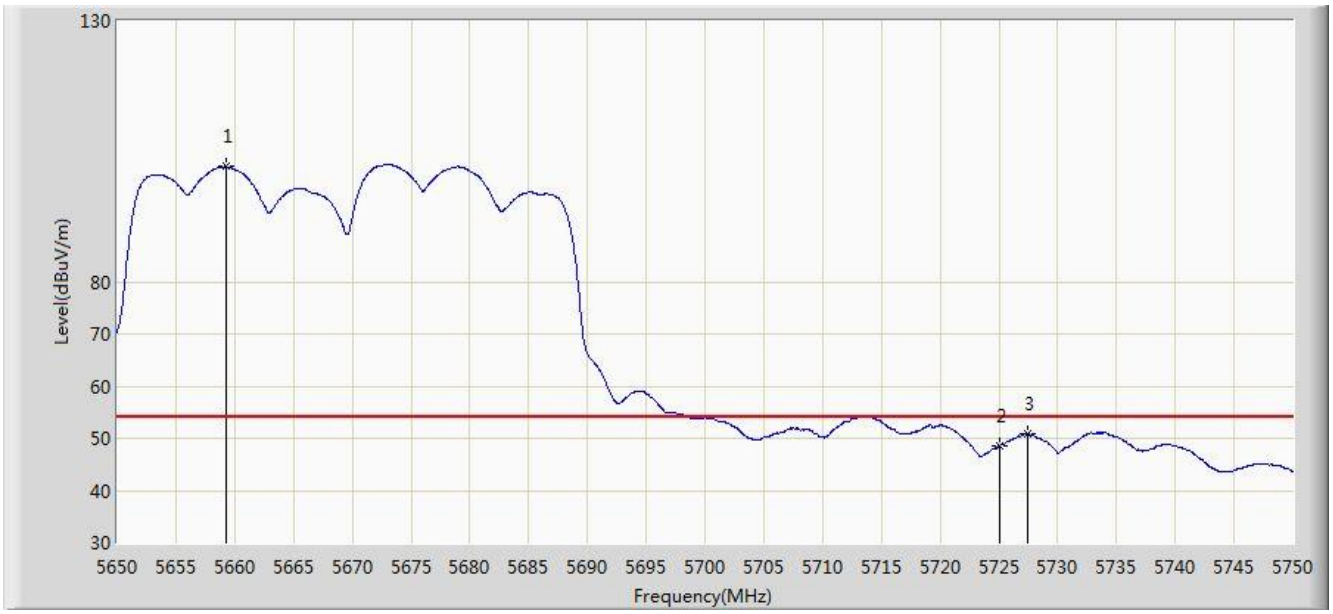


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5679.050	114.354	109.571	N/A	N/A	4.783	PK
2			5725.000	66.511	61.482	-7.489	74.000	5.029	PK
3			5726.950	69.709	64.668	-4.291	74.000	5.041	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 00:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 0+1+2+3	

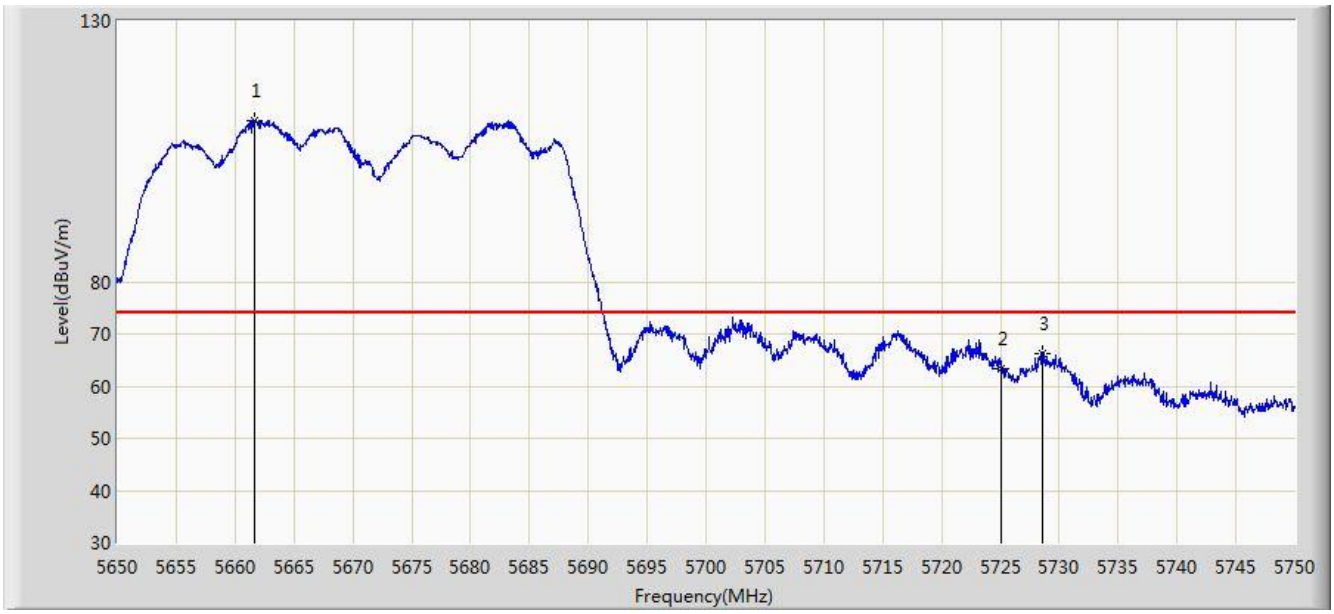


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5659.300	102.041	97.337	N/A	N/A	4.704	AV
2			5725.000	48.596	43.567	-5.404	54.000	5.029	AV
3			5727.450	50.844	45.799	-3.156	54.000	5.044	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 00:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 0+1+2+3	

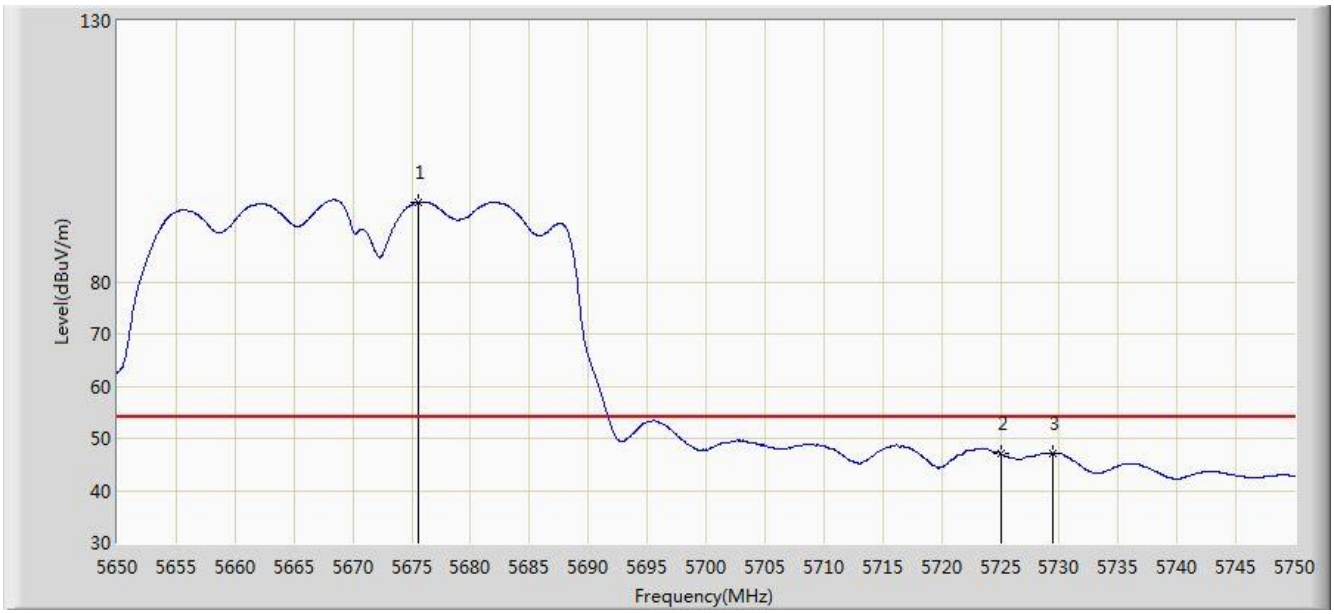


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5661.600	110.952	106.239	N/A	N/A	4.714	PK
2			5725.000	63.217	58.188	-10.783	74.000	5.029	PK
3			5728.550	66.373	61.321	-7.627	74.000	5.052	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 00:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz Ant 0+1+2+3	

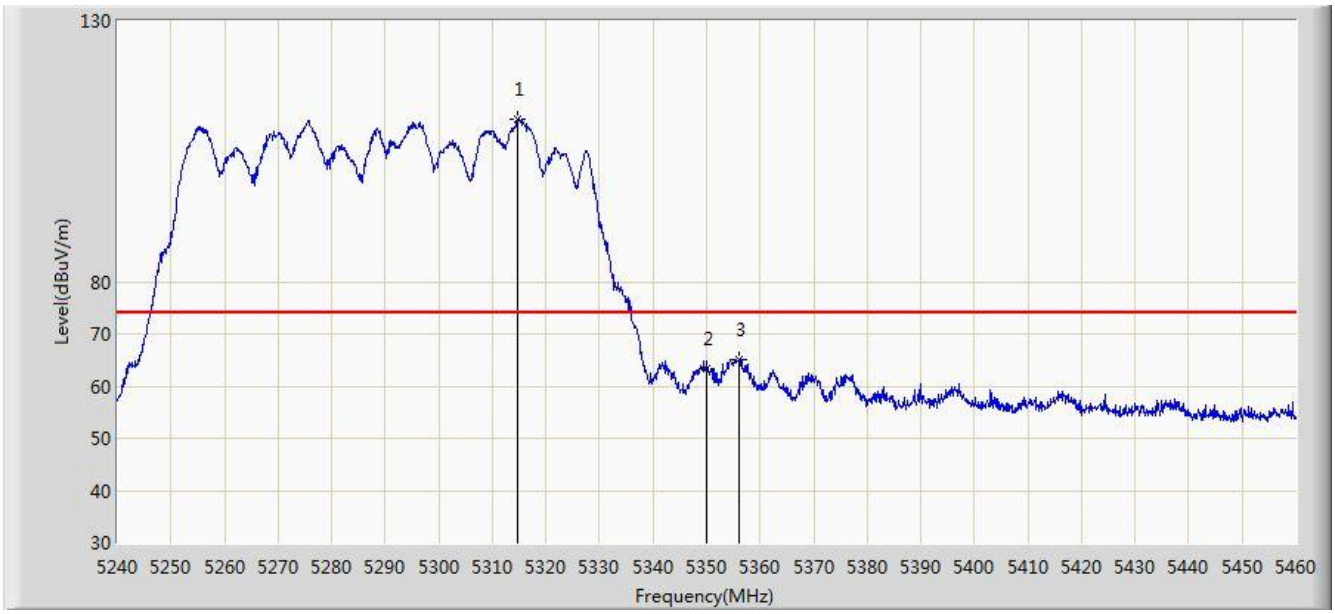


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5675.600	95.272	90.502	N/A	N/A	4.770	AV
2			5725.000	46.993	41.964	-7.007	54.000	5.029	AV
3			5729.400	47.230	42.173	-6.770	54.000	5.057	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 01:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 0+1+2+3	

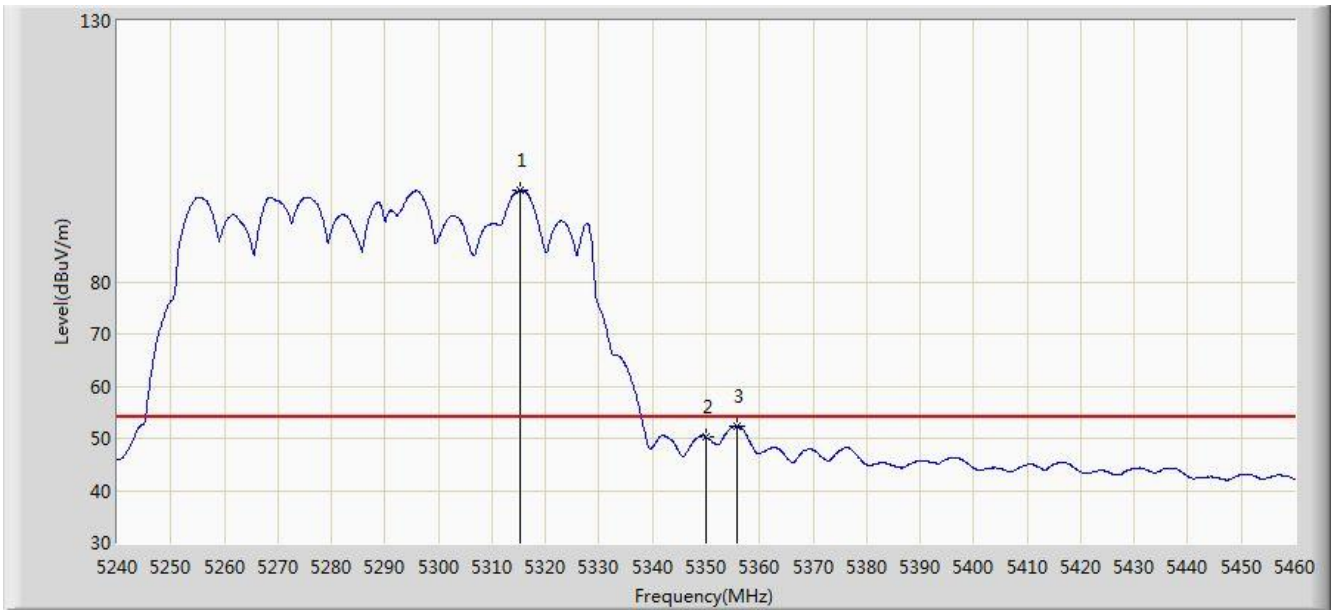


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.800	111.222	107.383	N/A	N/A	3.838	PK
2			5350.000	63.253	59.348	-10.747	74.000	3.904	PK
3			5355.940	65.205	61.290	-8.795	74.000	3.915	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 01:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 0+1+2+3	

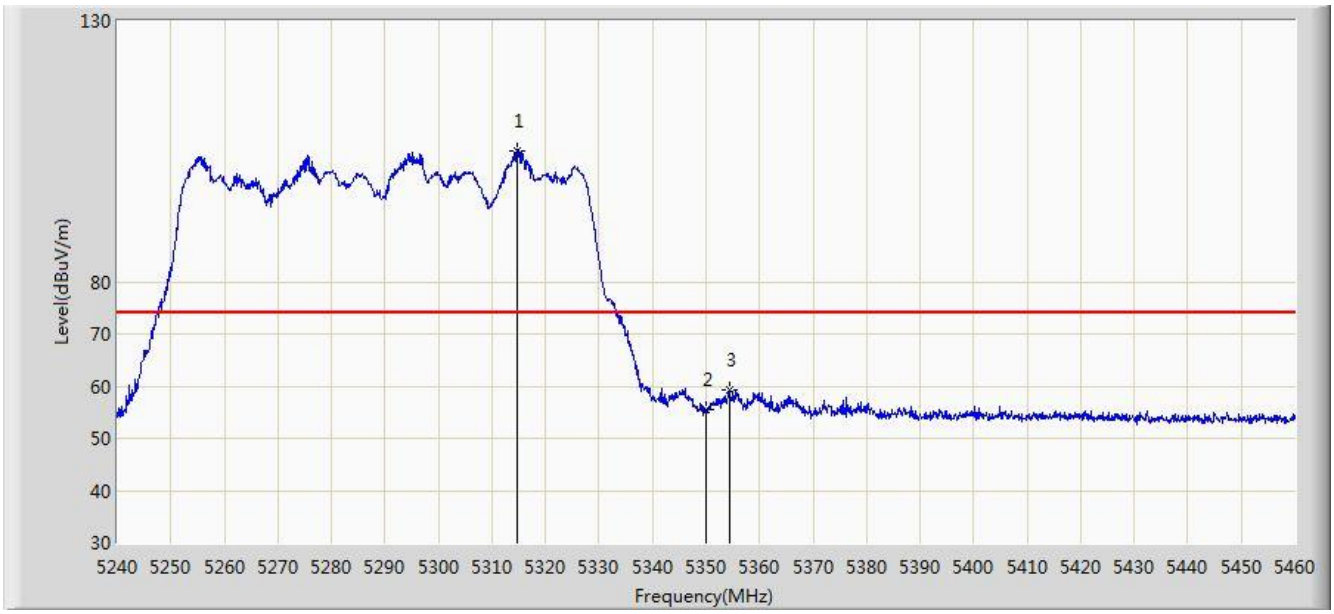


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.350	97.443	93.603	N/A	N/A	3.840	AV
2			5350.000	50.206	46.301	-3.794	54.000	3.904	AV
3			5355.830	52.306	48.391	-1.694	54.000	3.915	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 01:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 0+1+2+3	

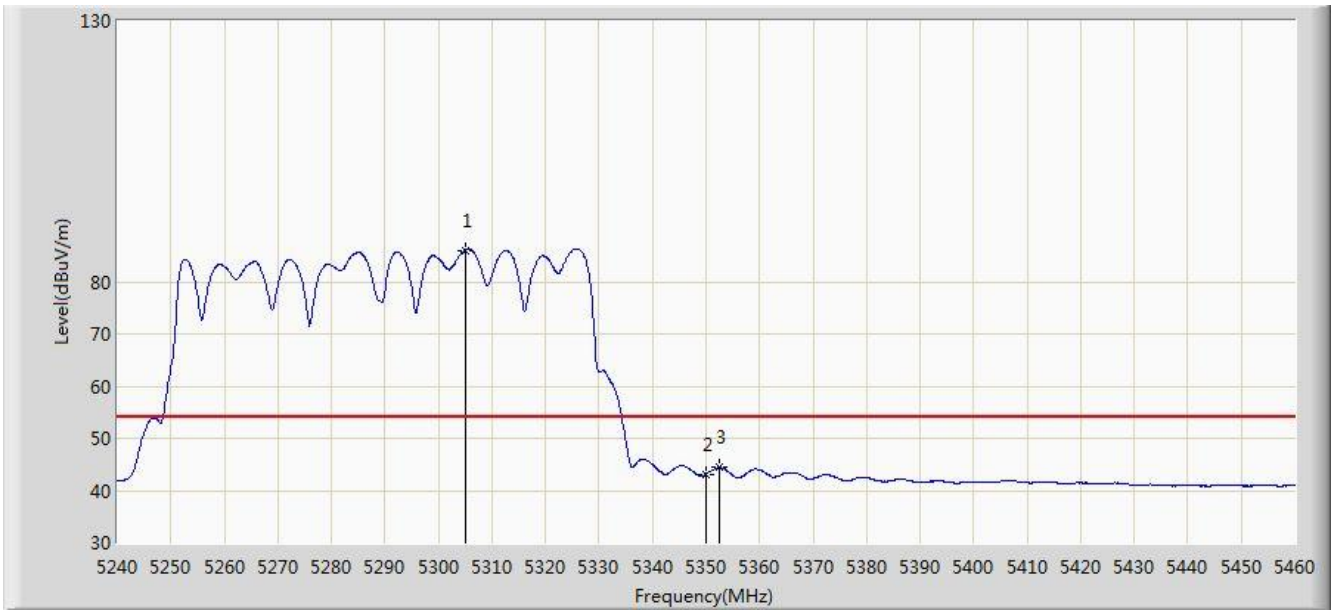


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.580	105.064	101.226	N/A	N/A	3.838	PK
2			5350.000	55.404	51.499	-18.596	74.000	3.904	PK
3			5354.290	59.205	55.292	-14.795	74.000	3.913	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 01:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 0+1+2+3	

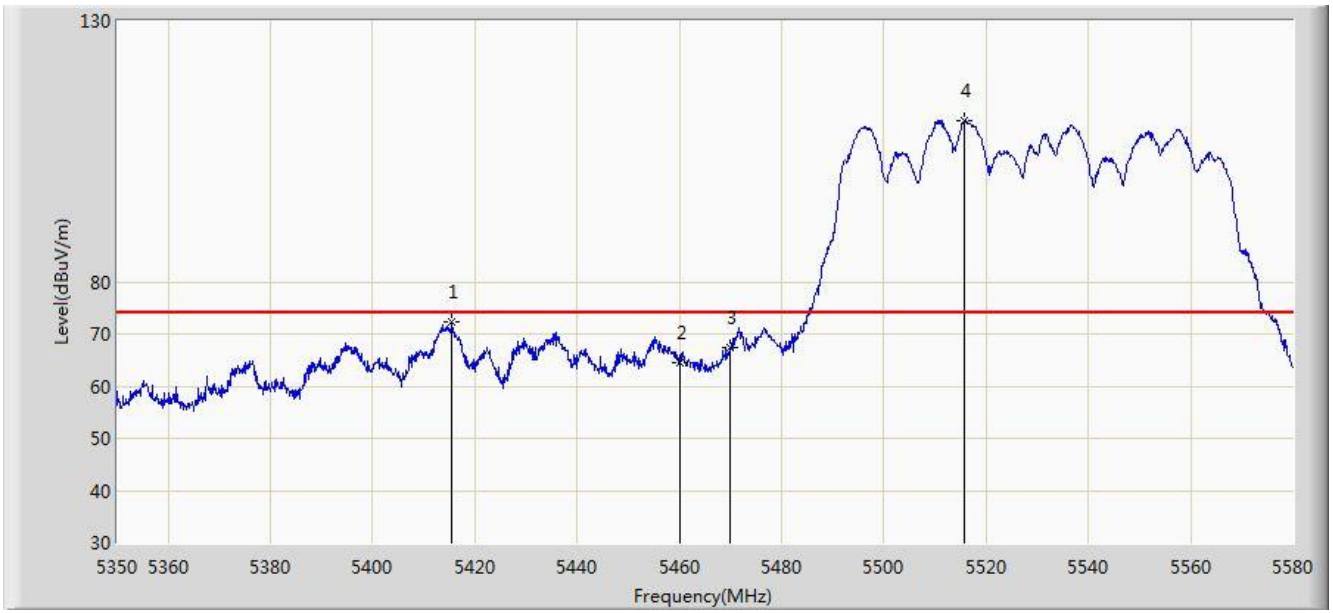


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5305.010	86.058	82.237	N/A	N/A	3.821	AV
2			5350.000	43.182	39.277	-10.818	54.000	3.904	AV
3			5352.530	44.415	40.506	-9.585	54.000	3.909	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 01:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 0+1+2+3	

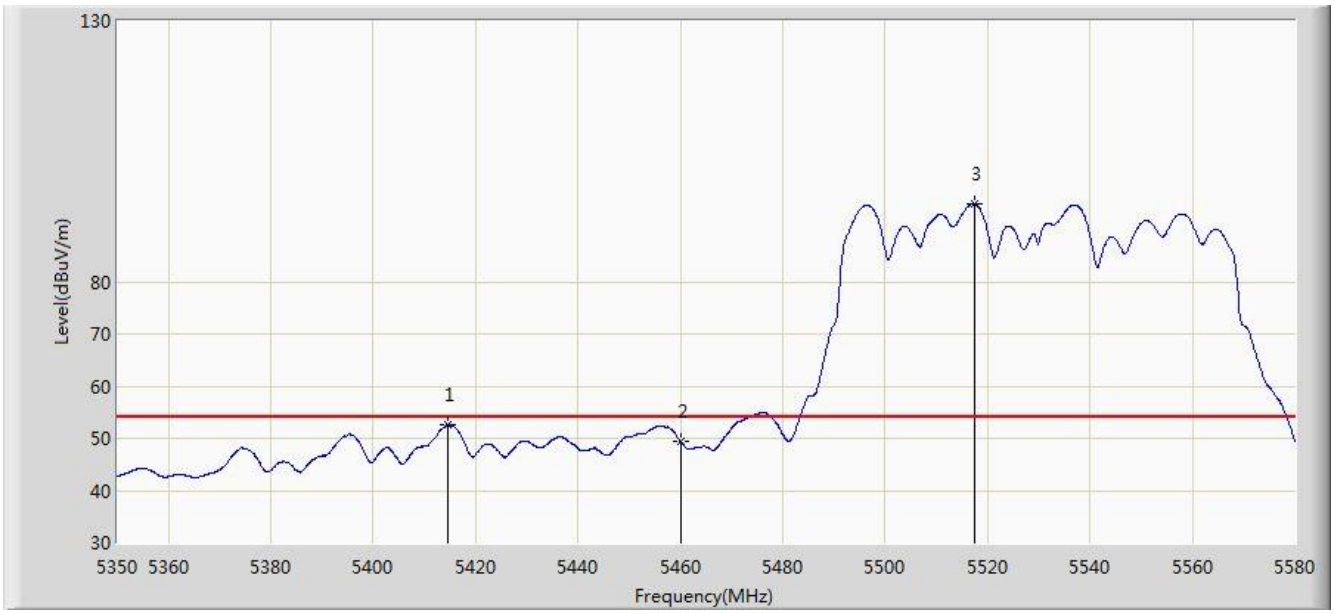


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5415.550	72.245	68.199	-1.755	74.000	4.046	PK
2			5460.000	64.626	60.446	-9.374	74.000	4.180	PK
3			5470.000	67.294	63.092	-6.706	74.000	4.202	PK
4		*	5515.830	110.955	106.637	N/A	N/A	4.319	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 01:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 0+1+2+3	

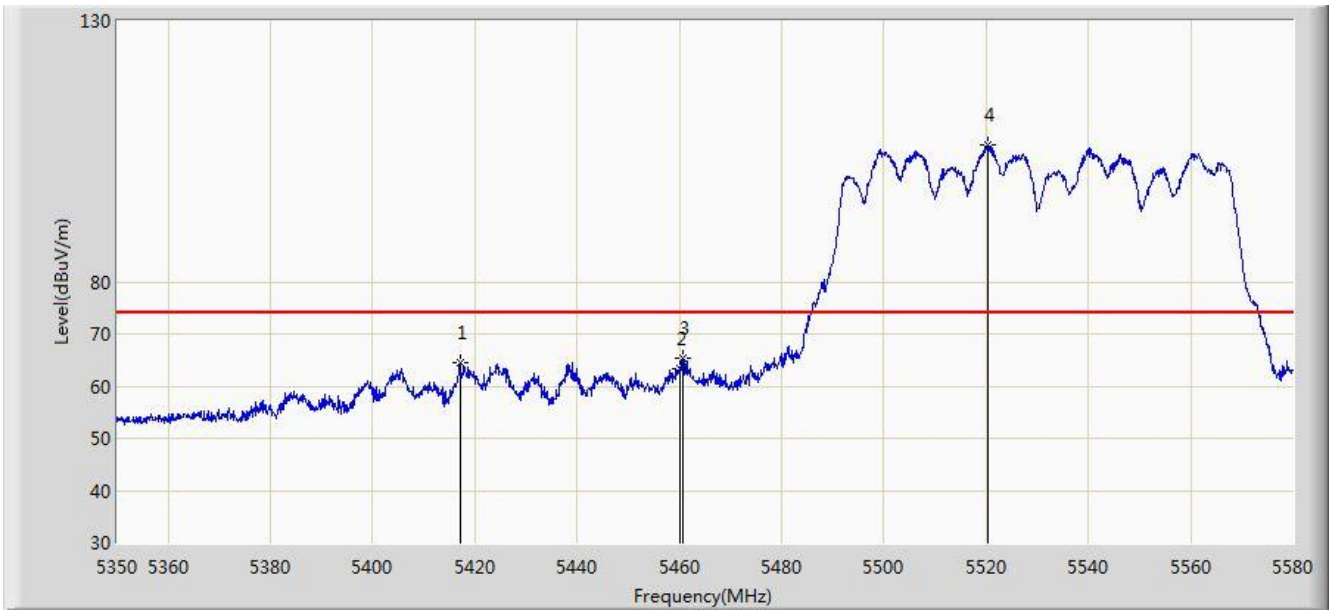


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5414.630	52.556	48.513	-1.444	54.000	4.043	AV
2			5460.000	49.294	45.114	-4.706	54.000	4.180	AV
3		*	5517.325	95.021	90.698	N/A	N/A	4.323	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 01:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 0+1+2+3	

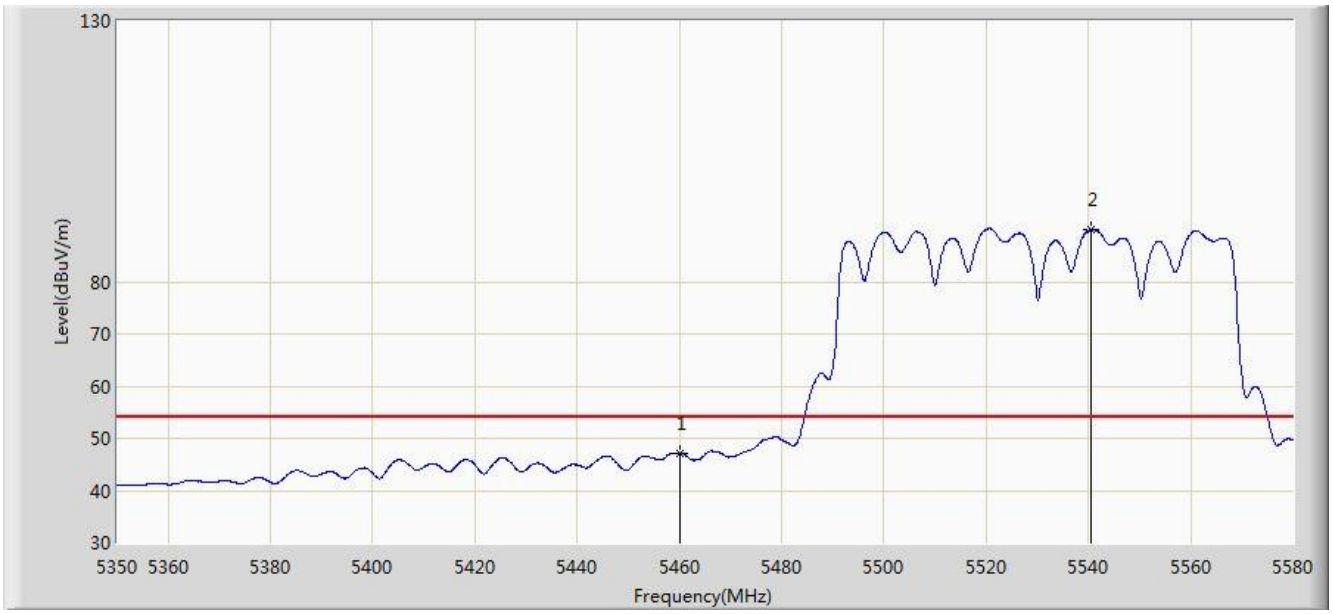


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5417.045	64.611	60.560	-9.389	74.000	4.051	PK
2			5460.000	63.250	59.070	-10.750	74.000	4.180	PK
3			5460.630	65.498	61.316	-8.502	74.000	4.182	PK
4		*	5520.430	106.264	101.932	N/A	N/A	4.332	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/09/14 - 01:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz Ant 0+1+2+3	

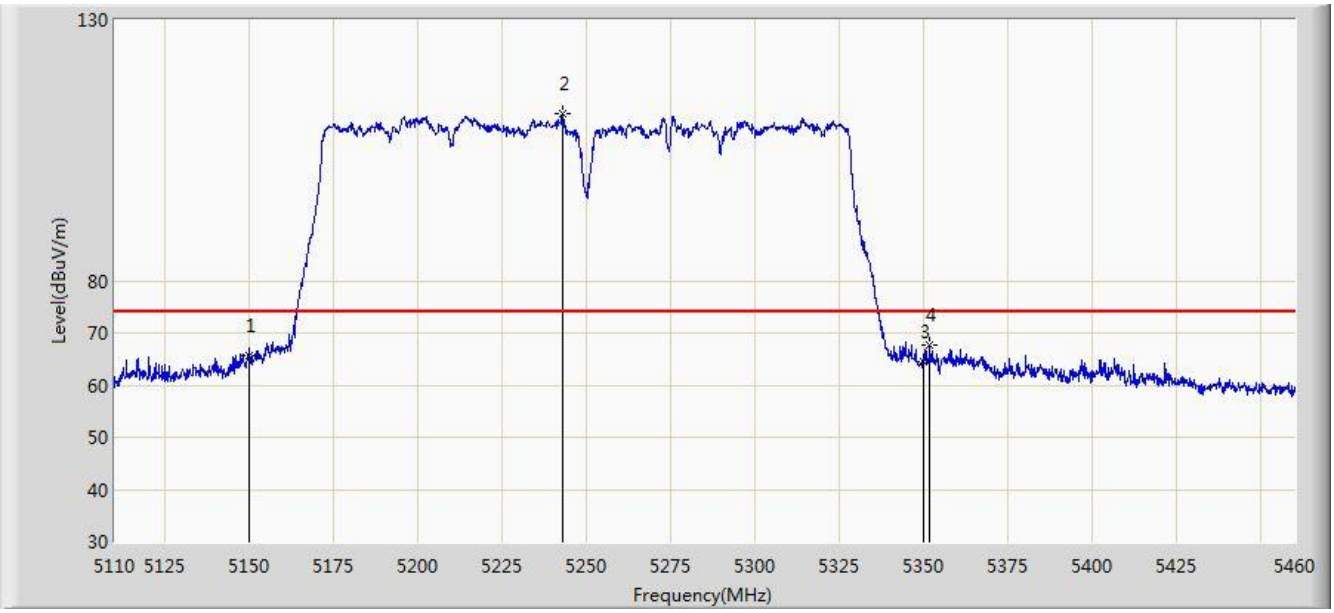


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	47.008	42.828	-6.992	54.000	4.180	AV
2		*	5540.555	90.102	85.709	N/A	N/A	4.393	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 15:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz+5290MHz Ant 0 + 1 + 2 + 3	

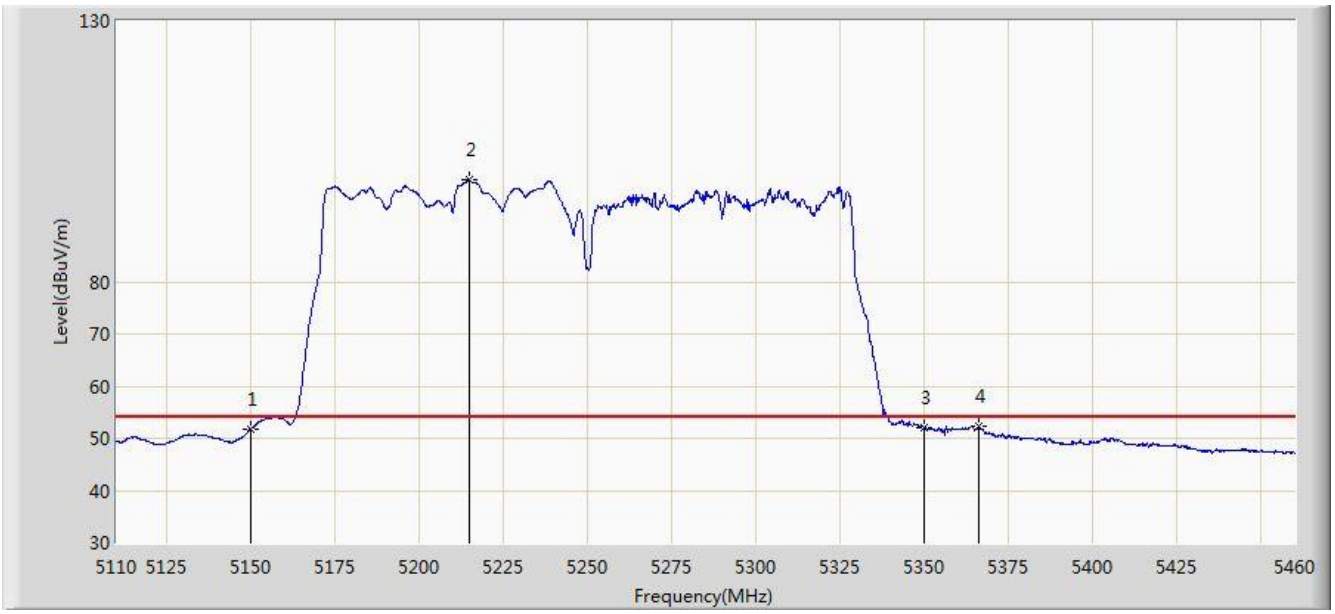


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	65.769	61.600	-8.231	74.000	4.170	PK
2		*	5243.000	111.944	108.073	N/A	N/A	3.871	PK
3			5350.000	64.484	60.579	-9.516	74.000	3.904	PK
4			5351.675	67.637	63.729	-6.363	74.000	3.908	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 15:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz+5290MHz Ant 0 + 1 + 2 + 3	

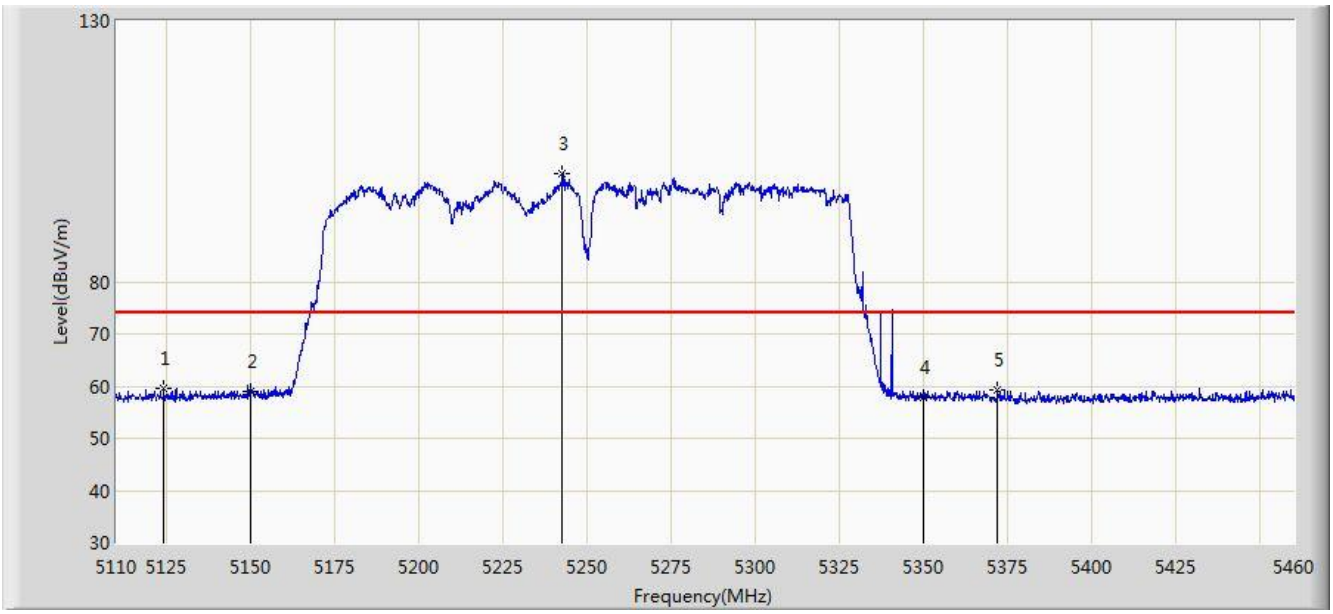


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.836	47.667	-2.164	54.000	4.170	AV
2		*	5214.825	99.457	95.503	N/A	N/A	3.955	AV
3			5350.000	51.971	48.066	-2.029	54.000	3.904	AV
4			5366.200	52.259	48.325	-1.741	54.000	3.934	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 15:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz+5290MHz Ant 0 + 1 + 2 + 3	

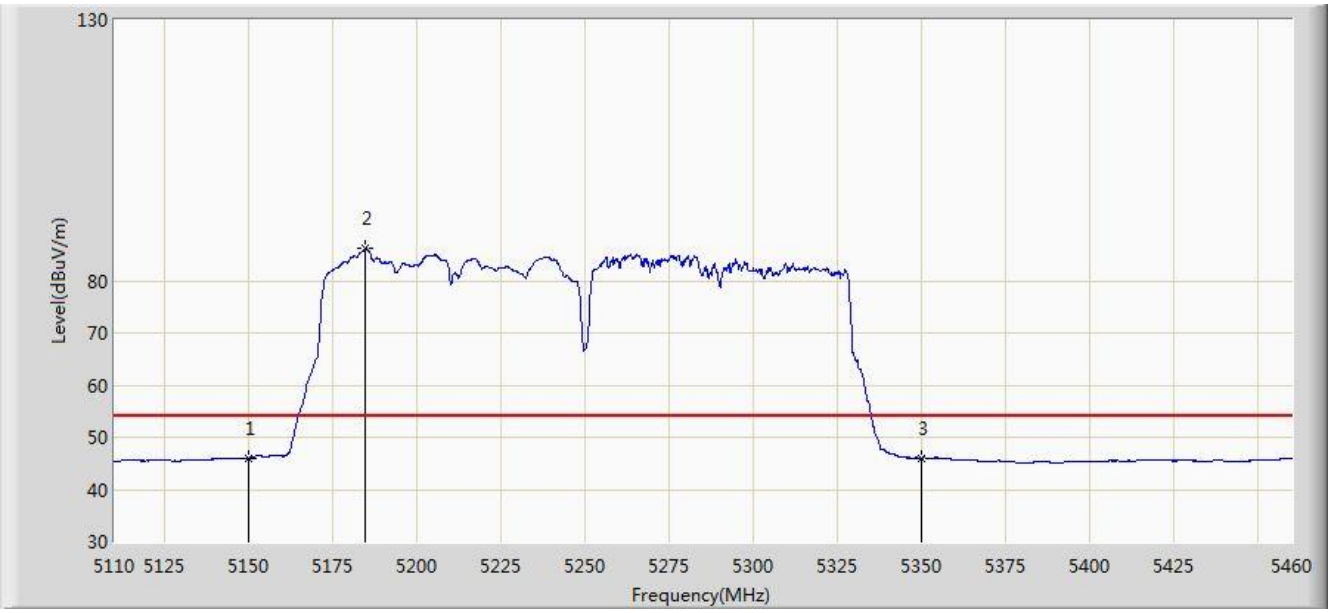


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5124.175	59.689	55.514	-14.311	74.000	4.175	PK
2			5150.000	58.928	54.759	-15.072	74.000	4.170	PK
3		*	5242.650	100.669	96.797	N/A	N/A	3.872	PK
4			5350.000	57.779	53.874	-16.221	74.000	3.904	PK
5			5371.800	59.349	55.405	-14.651	74.000	3.944	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 15:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz+5290MHz Ant 0 + 1 + 2 + 3	

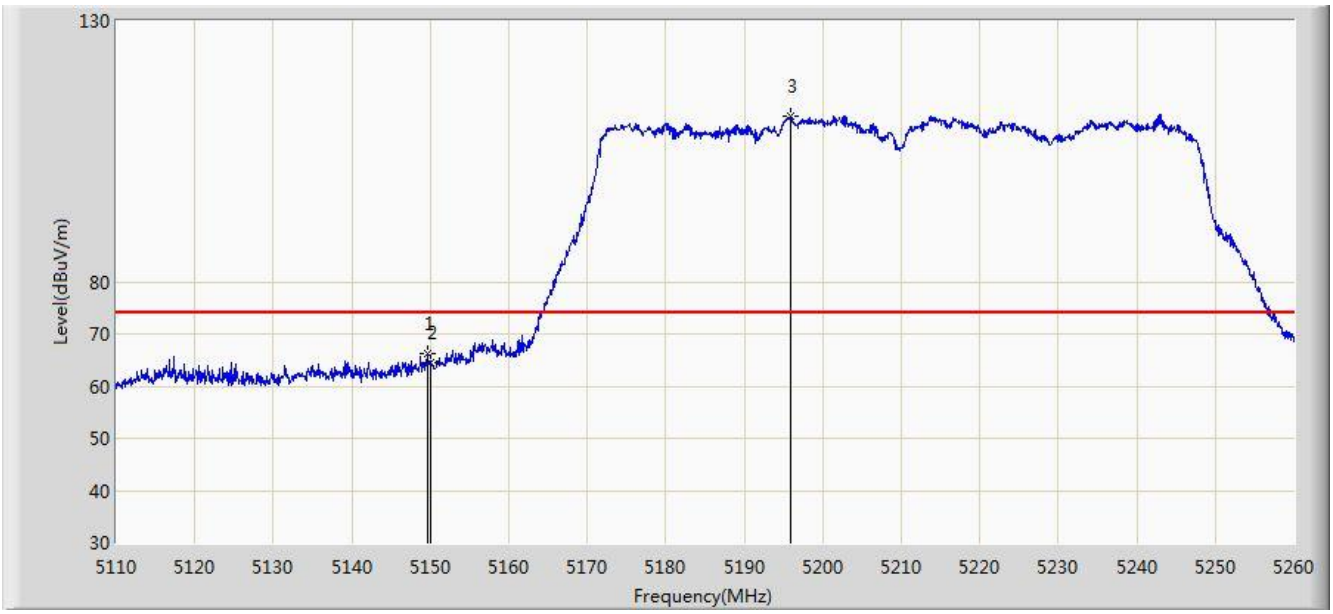


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.976	41.807	-8.024	54.000	4.170	AV
2		*	5184.725	86.099	82.047	N/A	N/A	4.053	AV
3			5350.000	46.000	42.095	-8.000	54.000	3.904	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 15:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz+5530 Ant 0 + 1 + 2 + 3	

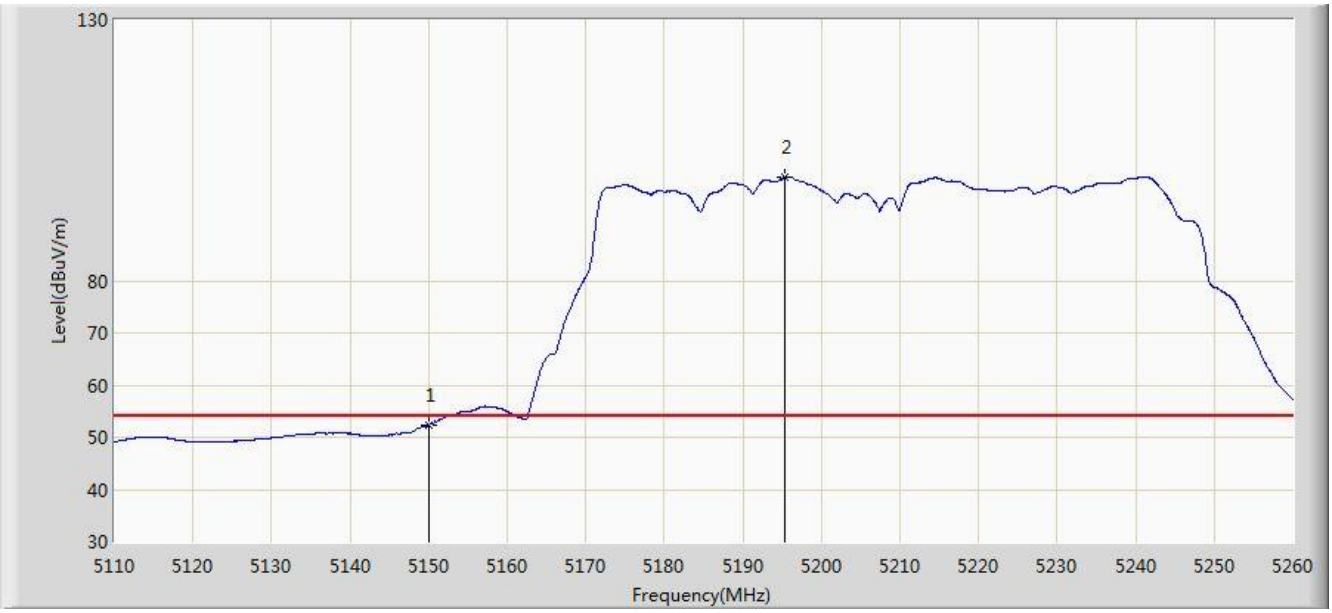


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.600	66.211	62.040	-7.789	74.000	4.170	PK
2			5150.000	64.375	60.206	-9.625	74.000	4.170	PK
3		*	5195.875	111.623	107.610	N/A	N/A	4.013	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 15:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz+5530 Ant 0 + 1 + 2 + 3	

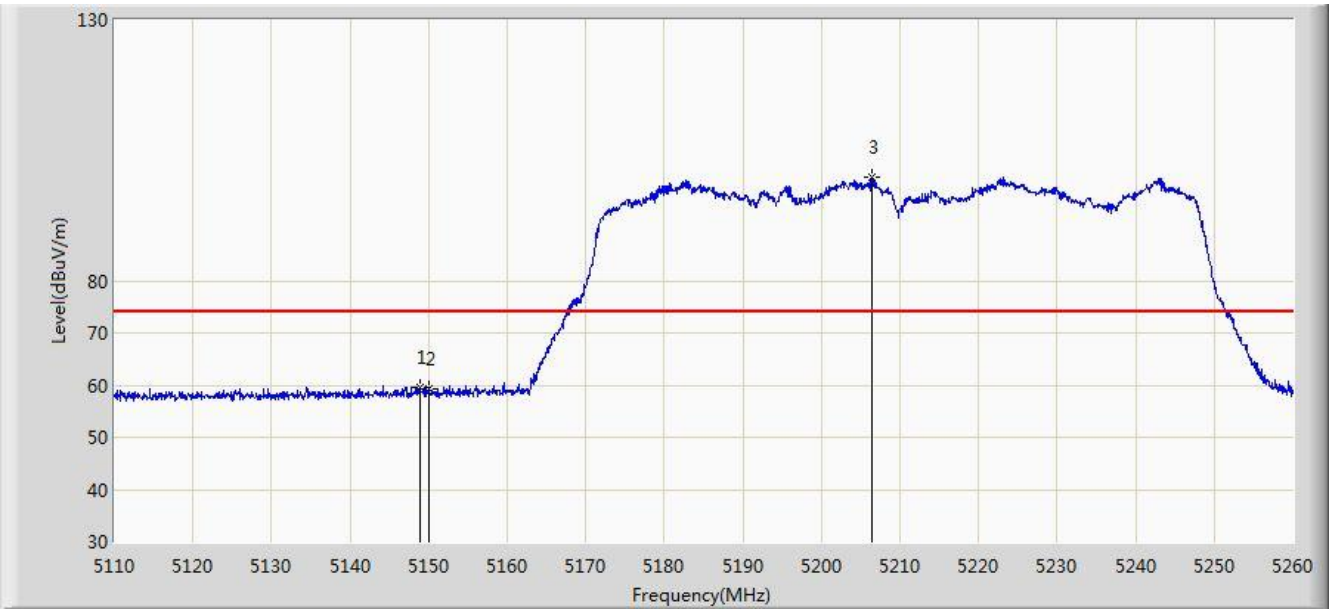


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.418	48.249	-1.582	54.000	4.170	AV
2		*	5195.275	99.753	95.738	N/A	N/A	4.015	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 15:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz+5530 Ant 0 + 1 + 2 + 3	

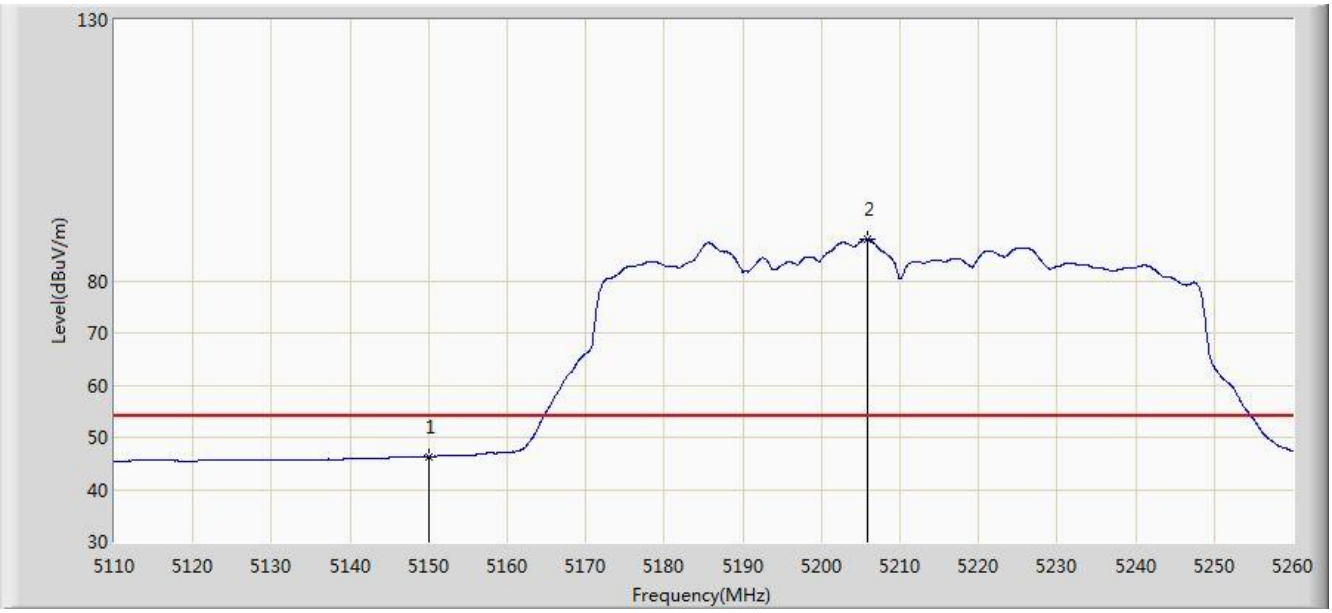


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.850	59.693	55.520	-14.307	74.000	4.173	PK
2			5150.000	59.141	54.972	-14.859	74.000	4.170	PK
3		*	5206.450	99.827	95.848	N/A	N/A	3.980	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 15:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz+5530 Ant 0 + 1 + 2 + 3	

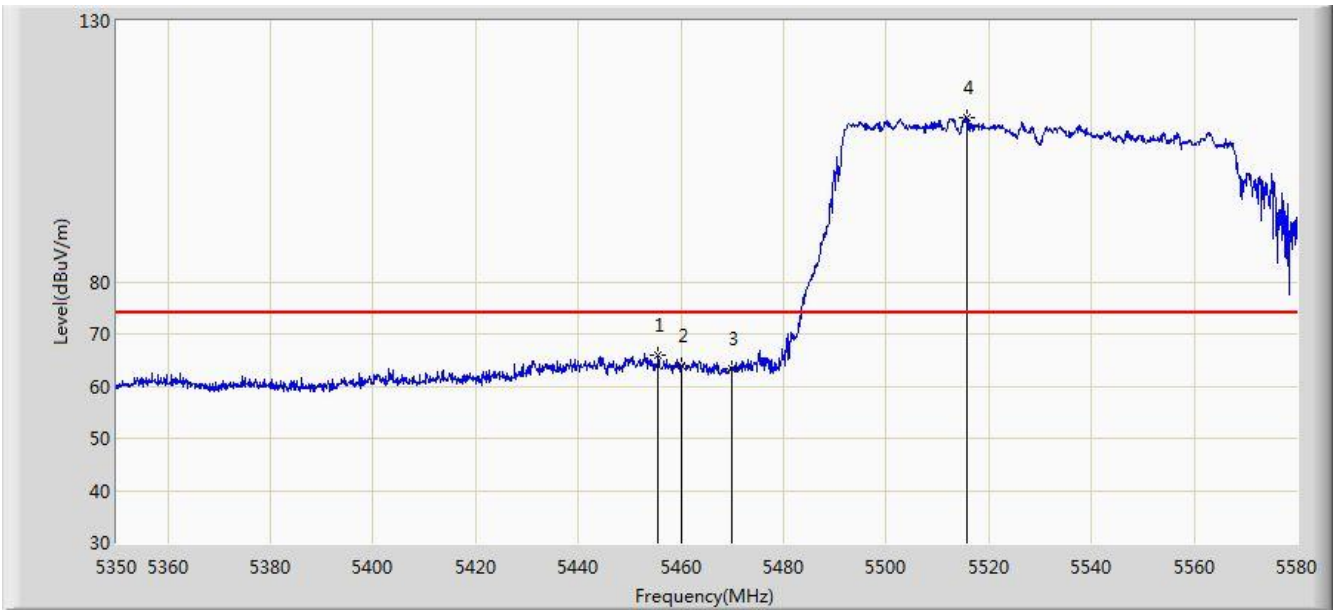


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.344	42.175	-7.656	54.000	4.170	AV
2		*	5205.775	88.008	84.027	N/A	N/A	3.981	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 15:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz+5530 Ant 0 + 1 + 2 + 3	

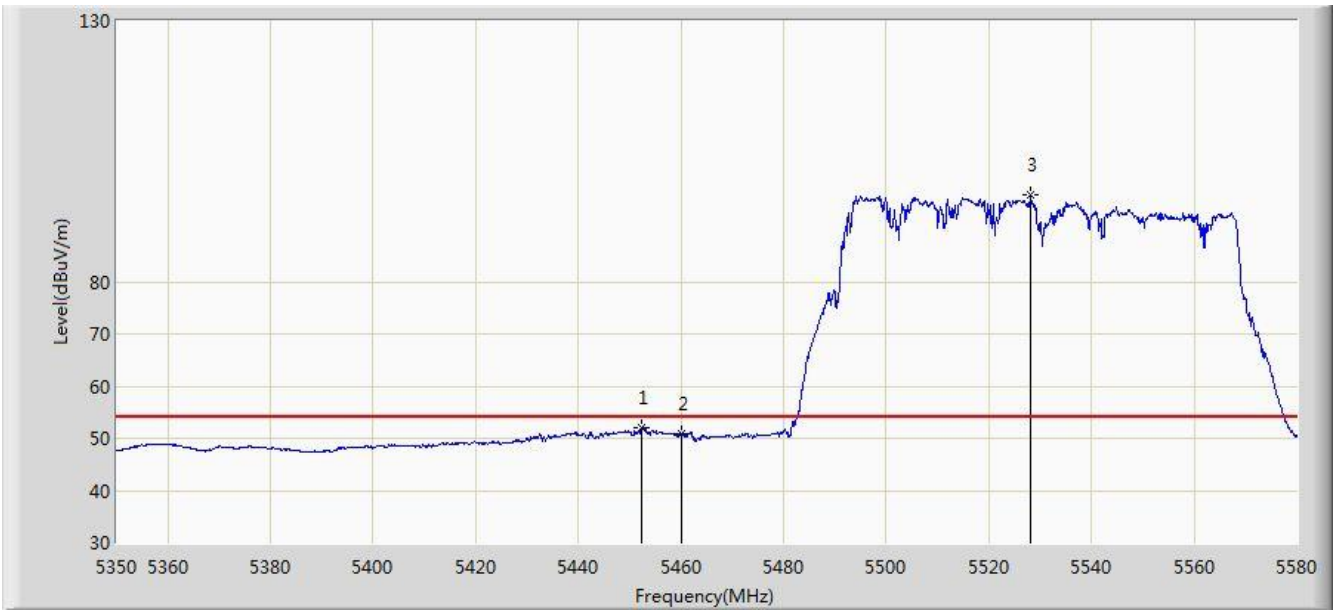


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5455.570	65.948	61.777	-8.052	74.000	4.171	PK
2			5460.000	63.978	59.798	-10.022	74.000	4.180	PK
3			5470.000	63.213	59.011	-10.787	74.000	4.202	PK
4		*	5515.600	111.537	107.219	N/A	N/A	4.318	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 15:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz+5530 Ant 0 + 1 + 2 + 3	

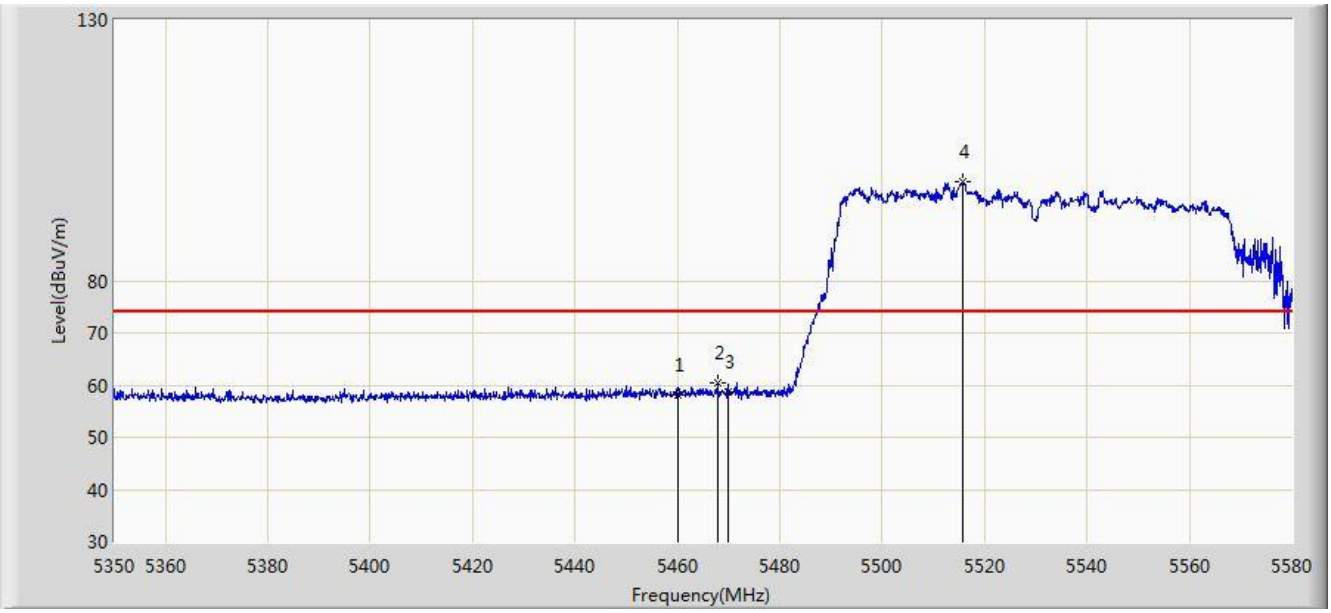


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5452.350	52.044	47.882	-1.956	54.000	4.163	AV
2			5460.000	50.756	46.576	-3.244	54.000	4.180	AV
3		*	5528.250	96.706	92.350	N/A	N/A	4.356	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 15:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz+5530 Ant 0 + 1 + 2 + 3	

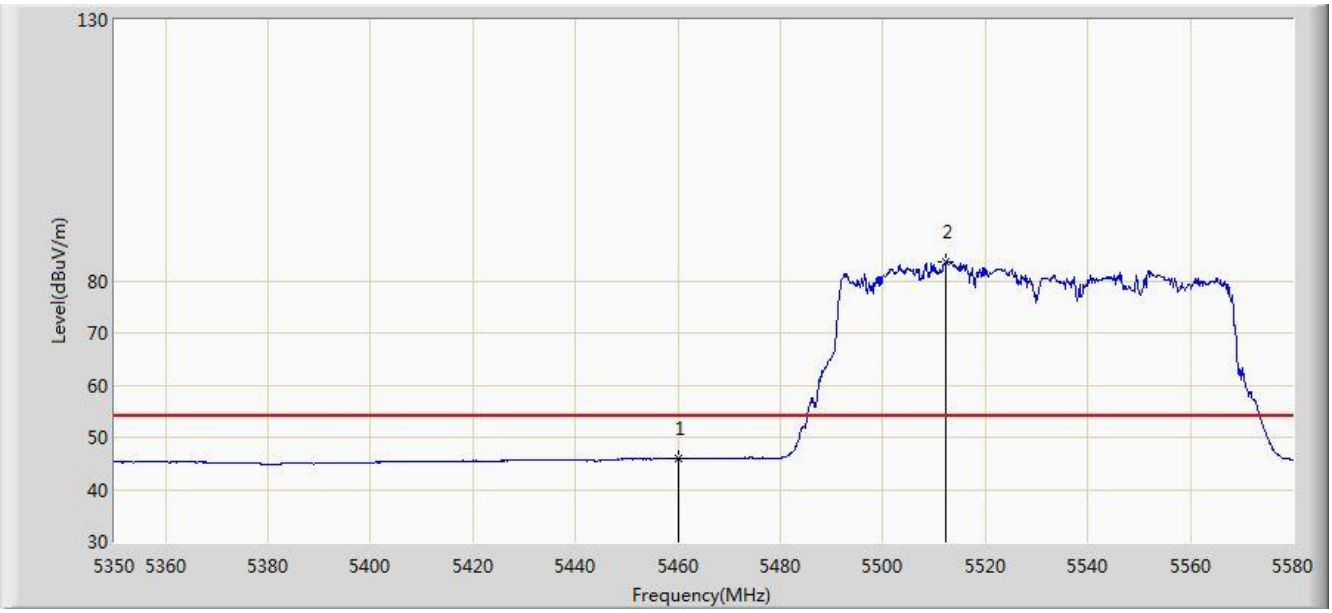


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	58.072	53.892	-15.928	74.000	4.180	PK
2			5467.760	60.316	56.119	-13.684	74.000	4.197	PK
3			5470.000	58.568	54.366	-15.432	74.000	4.202	PK
4		*	5515.715	98.990	94.672	N/A	N/A	4.318	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 15:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz+5530 Ant 0 + 1 + 2 + 3	

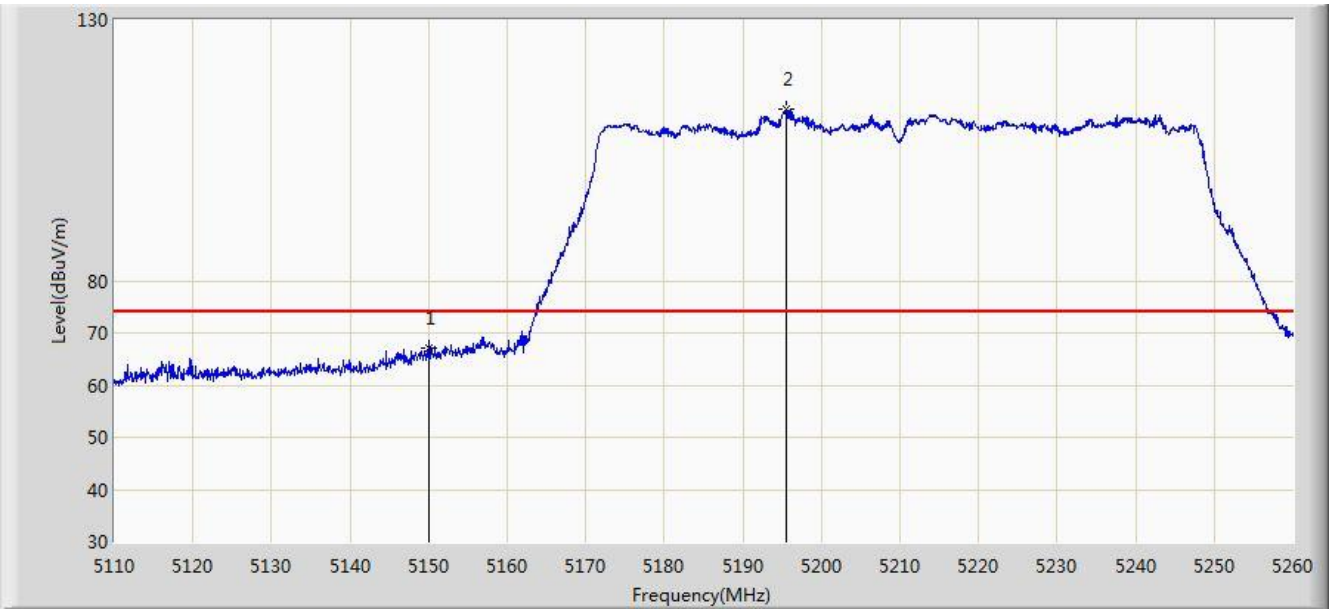


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	45.950	41.770	-8.050	54.000	4.180	AV
2		*	5512.380	83.572	79.264	N/A	N/A	4.308	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 15:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz+5610MHz Ant 0 + 1 + 2 + 3	

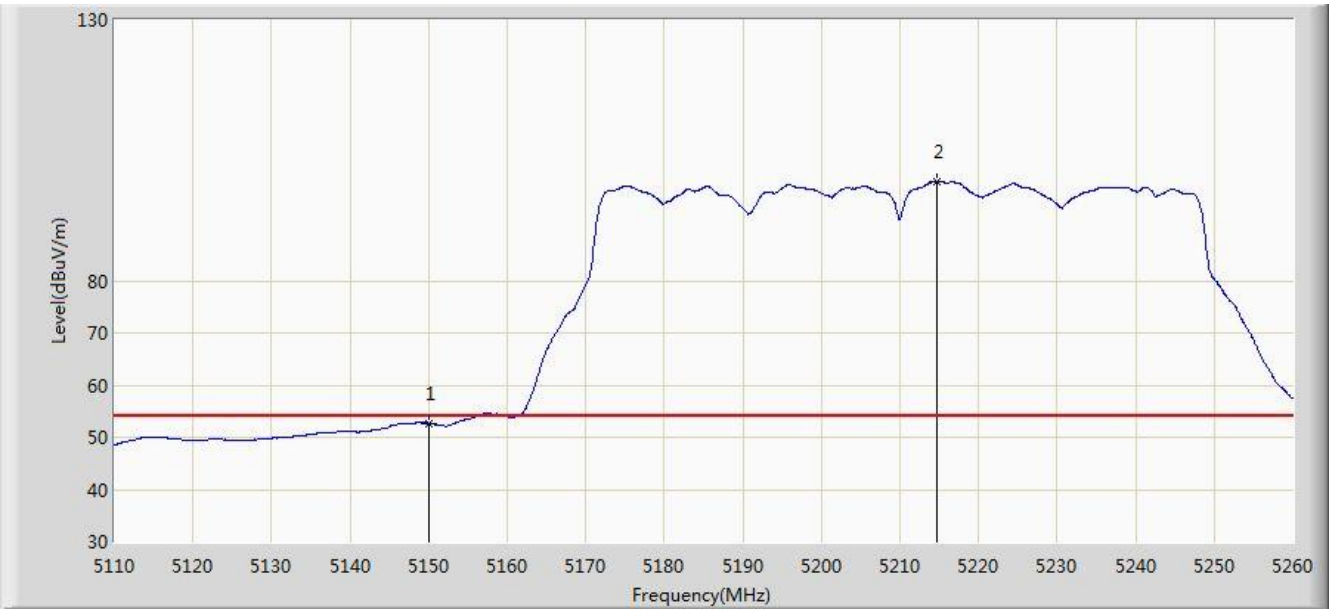


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	66.994	62.825	-7.006	74.000	4.170	PK
2		*	5195.575	112.796	108.782	N/A	N/A	4.014	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 15:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz+5610MHz Ant 0 + 1 + 2 + 3	

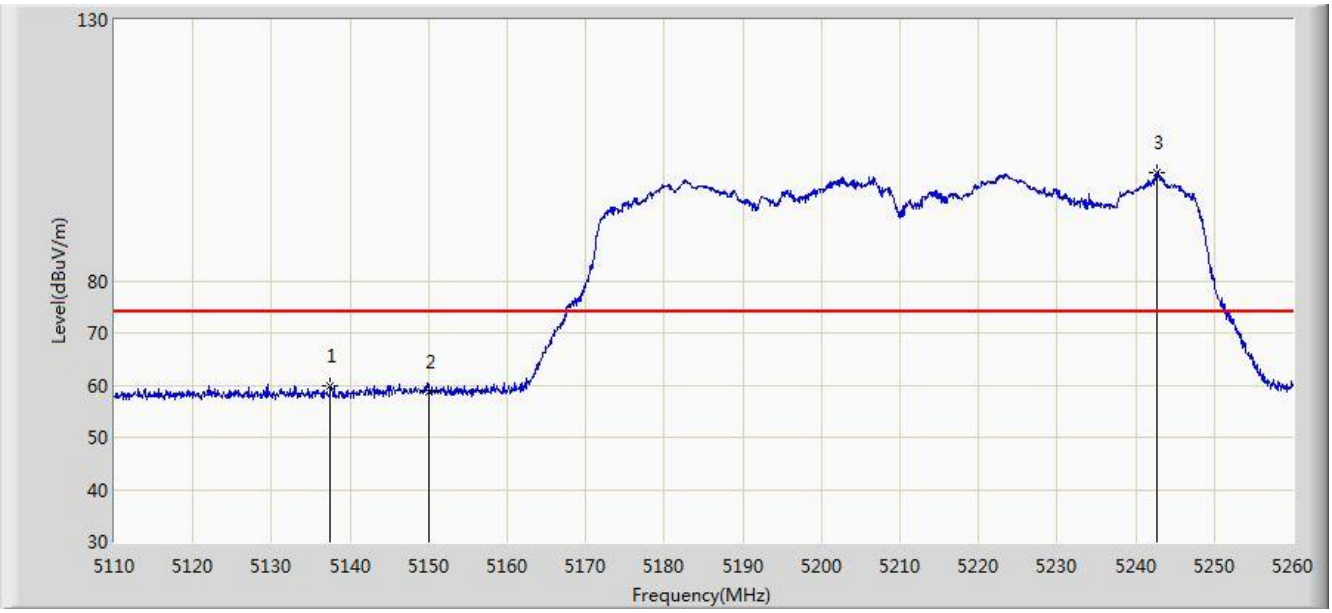


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.696	48.527	-1.304	54.000	4.170	AV
2		*	5214.775	99.109	95.155	N/A	N/A	3.955	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 15:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz+5610MHz Ant 0 + 1 + 2 + 3	

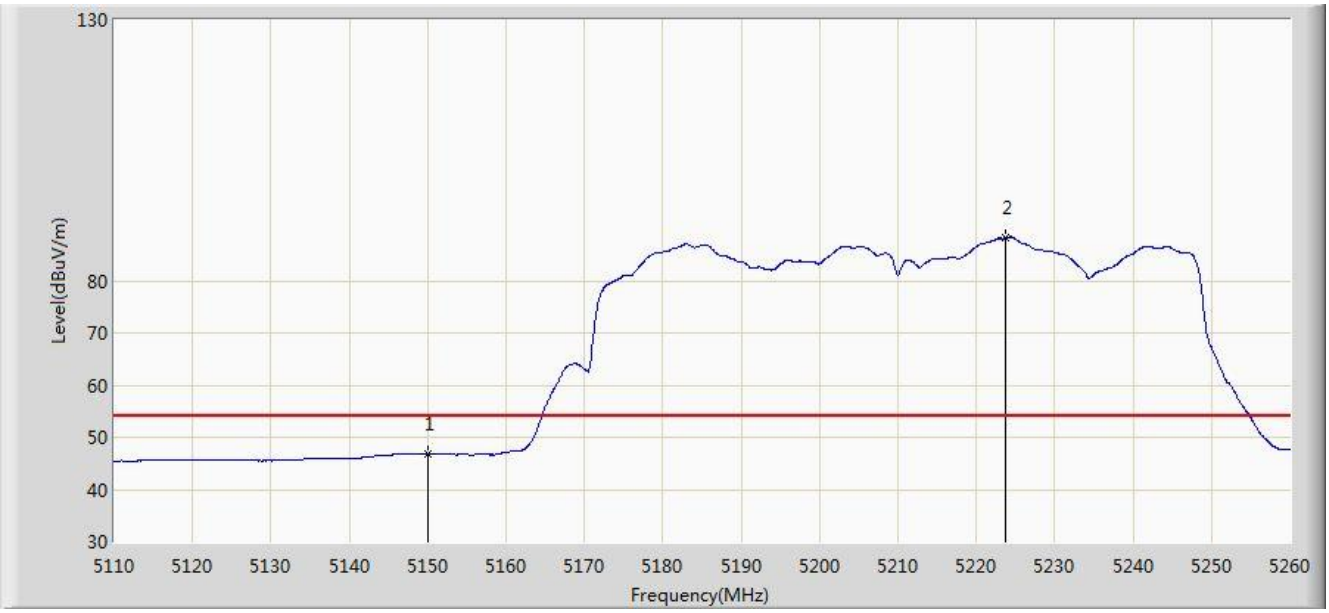


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5137.450	59.970	55.795	-14.030	74.000	4.175	PK
2			5150.000	58.823	54.654	-15.177	74.000	4.170	PK
3		*	5242.750	100.663	96.791	N/A	N/A	3.872	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 15:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz+5610MHz Ant 0 + 1 + 2 + 3	

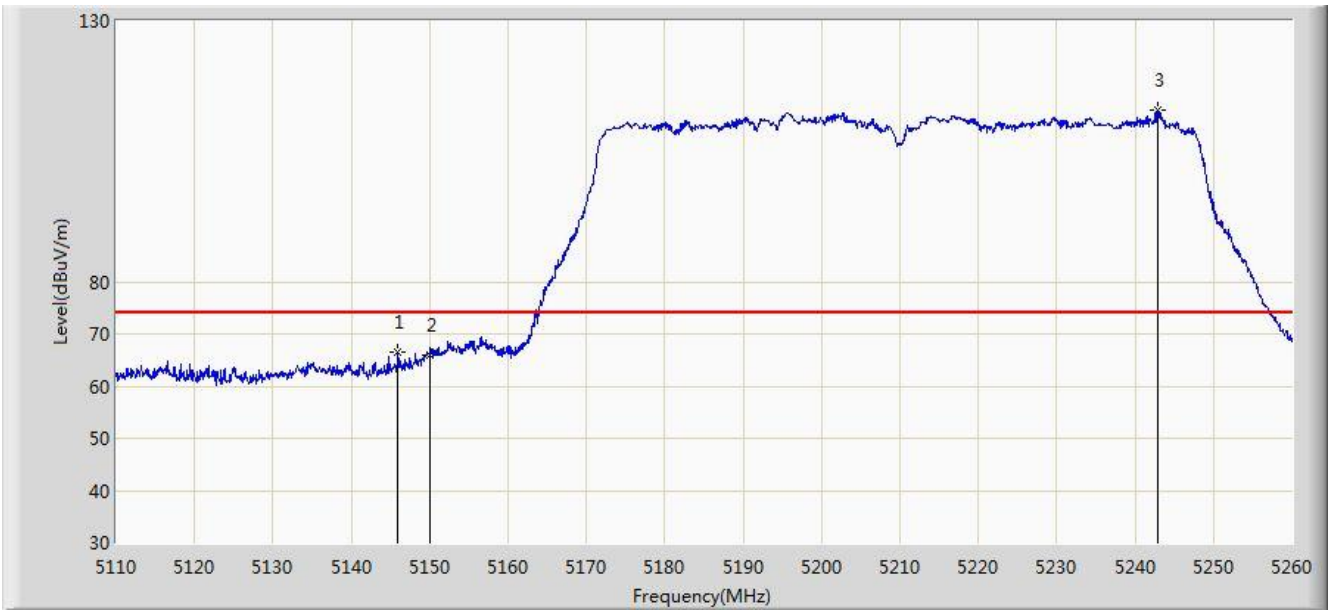


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.865	42.696	-7.135	54.000	4.170	AV
2		*	5223.700	88.241	84.313	N/A	N/A	3.928	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 15:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz+5690MHz Ant 0 + 1 + 2 + 3	

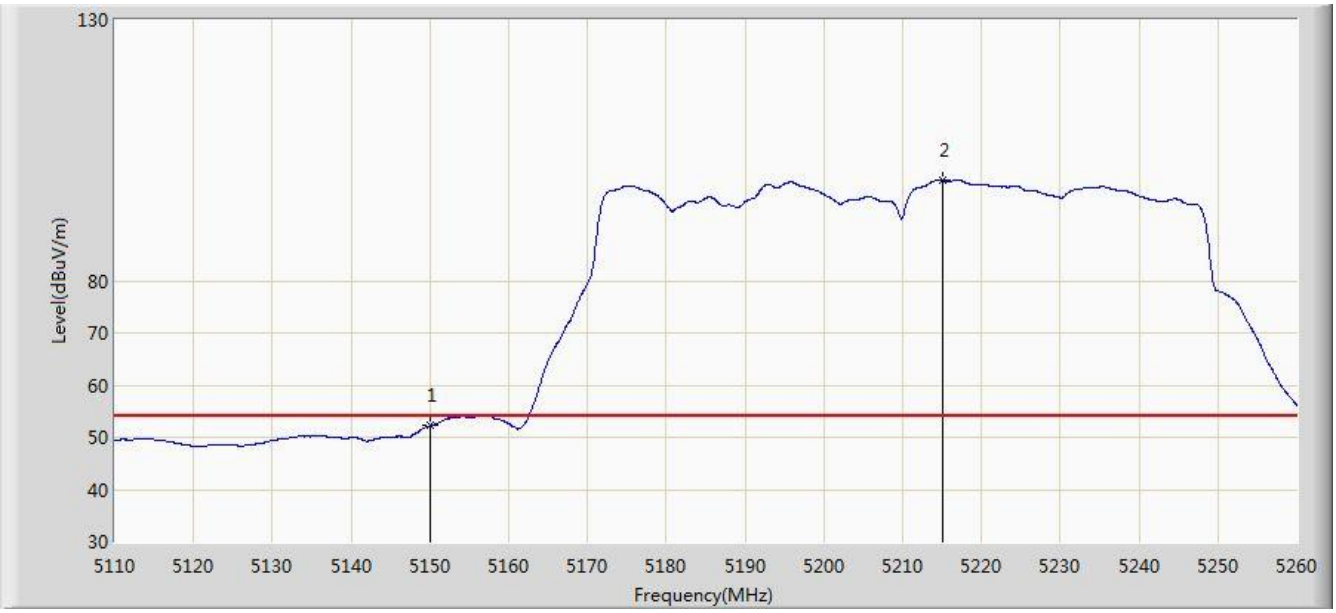


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.925	66.381	62.205	-7.619	74.000	4.176	PK
2			5150.000	65.977	61.808	-8.023	74.000	4.170	PK
3		*	5242.900	112.797	108.925	N/A	N/A	3.871	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 15:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz+5690MHz Ant 0 + 1 + 2 + 3	

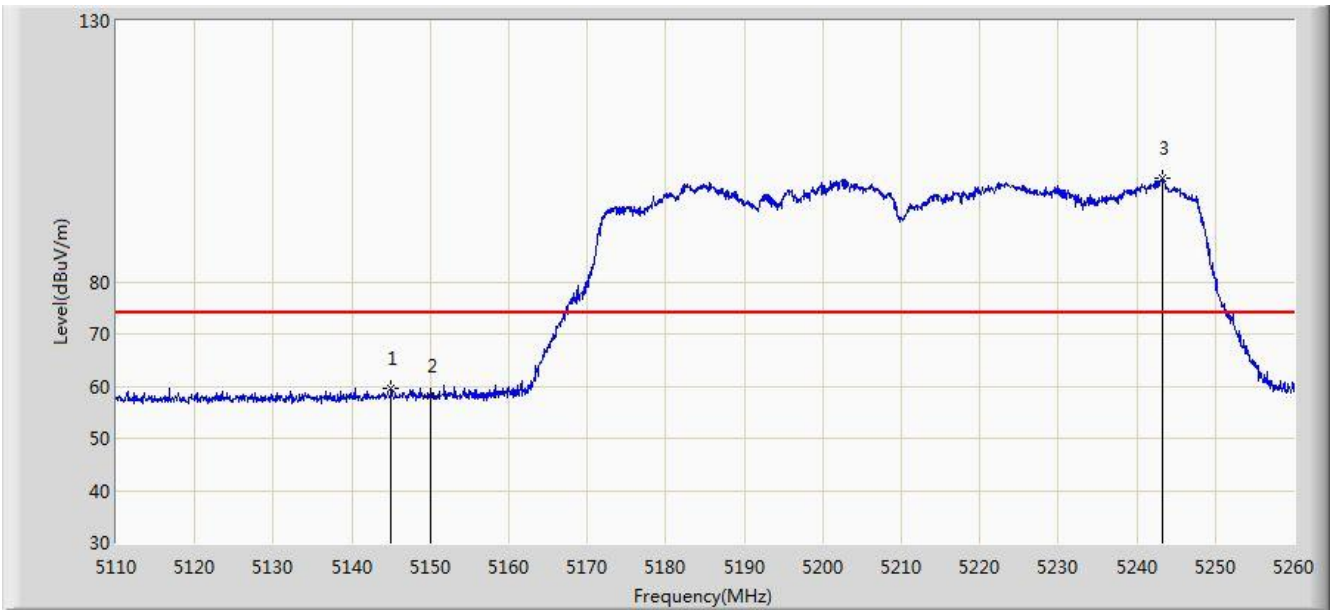


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.181	48.012	-1.819	54.000	4.170	AV
2		*	5215.150	99.289	95.336	N/A	N/A	3.954	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 16:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz+5690MHz Ant 0 + 1 + 2 + 3	

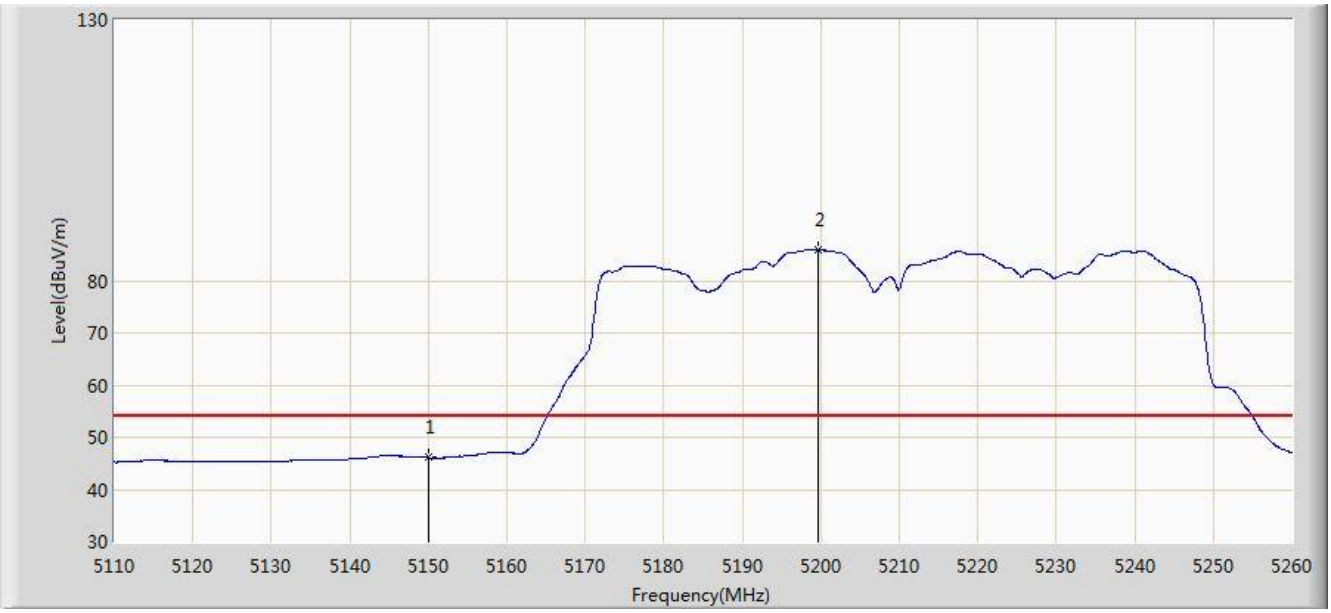


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.025	59.430	55.254	-14.570	74.000	4.176	PK
2			5150.000	58.215	54.046	-15.785	74.000	4.170	PK
3		*	5243.350	99.931	96.061	N/A	N/A	3.870	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 16:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz+5690MHz Ant 0 + 1 + 2 + 3	

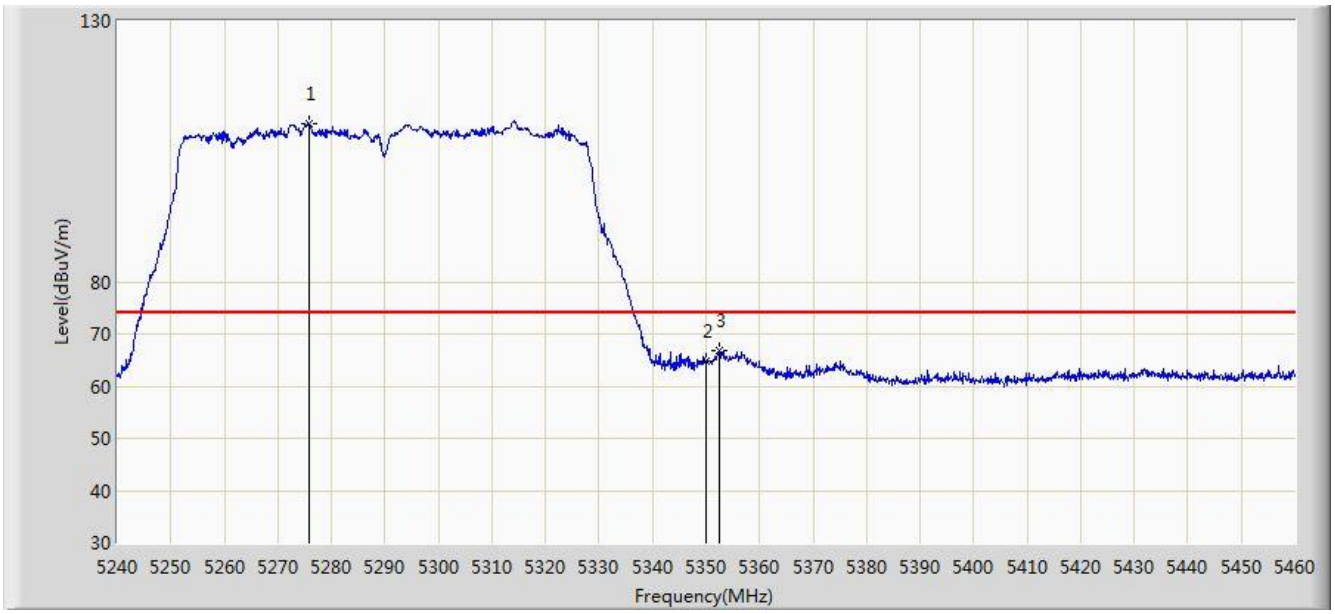


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.087	41.918	-7.913	54.000	4.170	AV
2		*	5199.700	85.905	81.906	N/A	N/A	3.999	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 16:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz+5530MHz Ant 0 + 1 + 2 + 3	

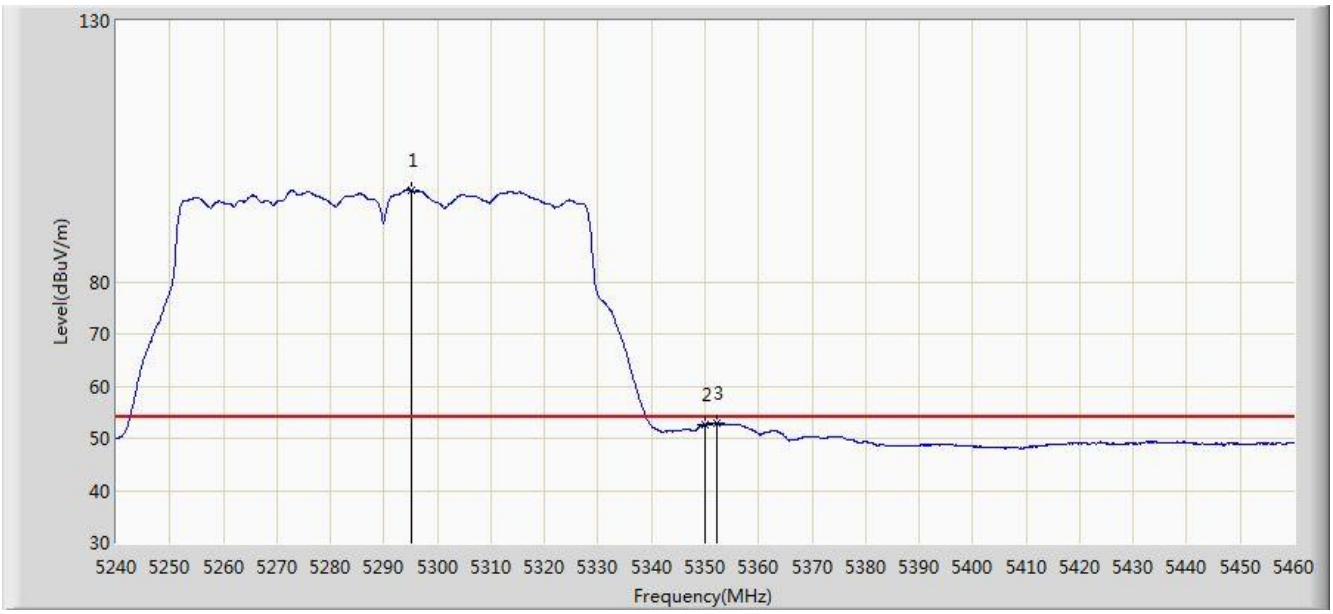


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5275.750	110.322	106.492	N/A	N/A	3.830	PK
2			5350.000	64.881	60.976	-9.119	74.000	3.904	PK
3			5352.420	66.902	62.993	-7.098	74.000	3.909	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 16:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz+5530MHz Ant 0 + 1 + 2 + 3	

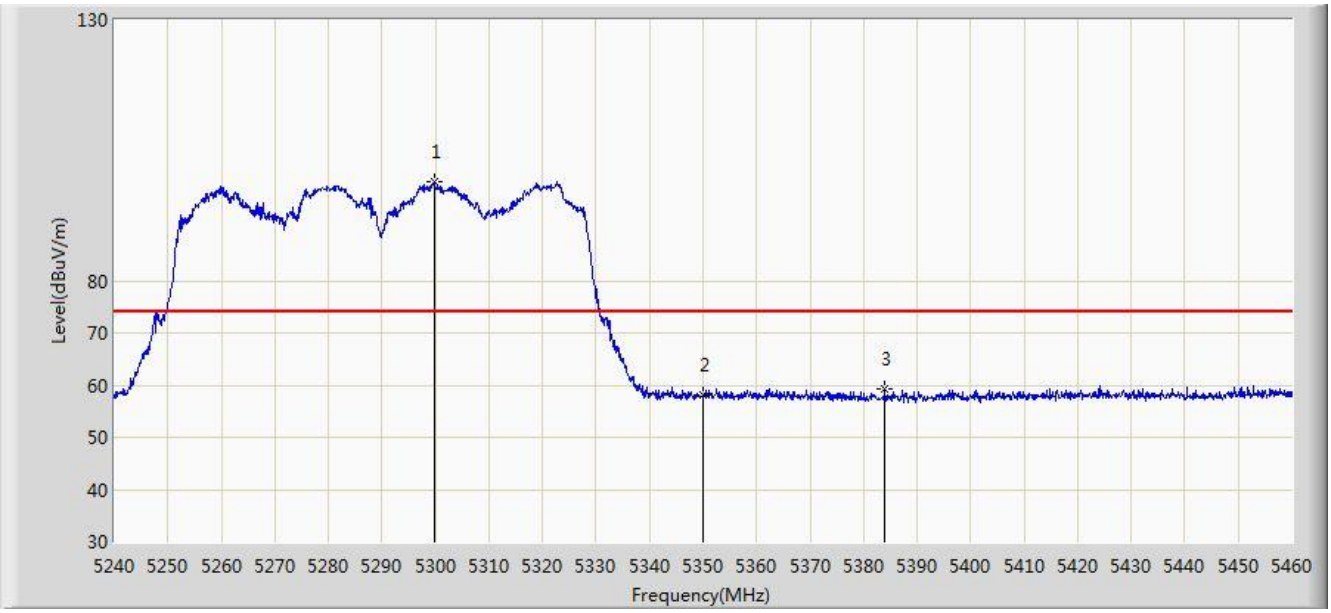


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5295.000	97.641	93.824	N/A	N/A	3.816	AV
2			5350.000	52.623	48.718	-1.377	54.000	3.904	AV
3			5352.090	52.845	48.936	-1.155	54.000	3.908	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 16:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz+5530MHz Ant 0 + 1 + 2 + 3	

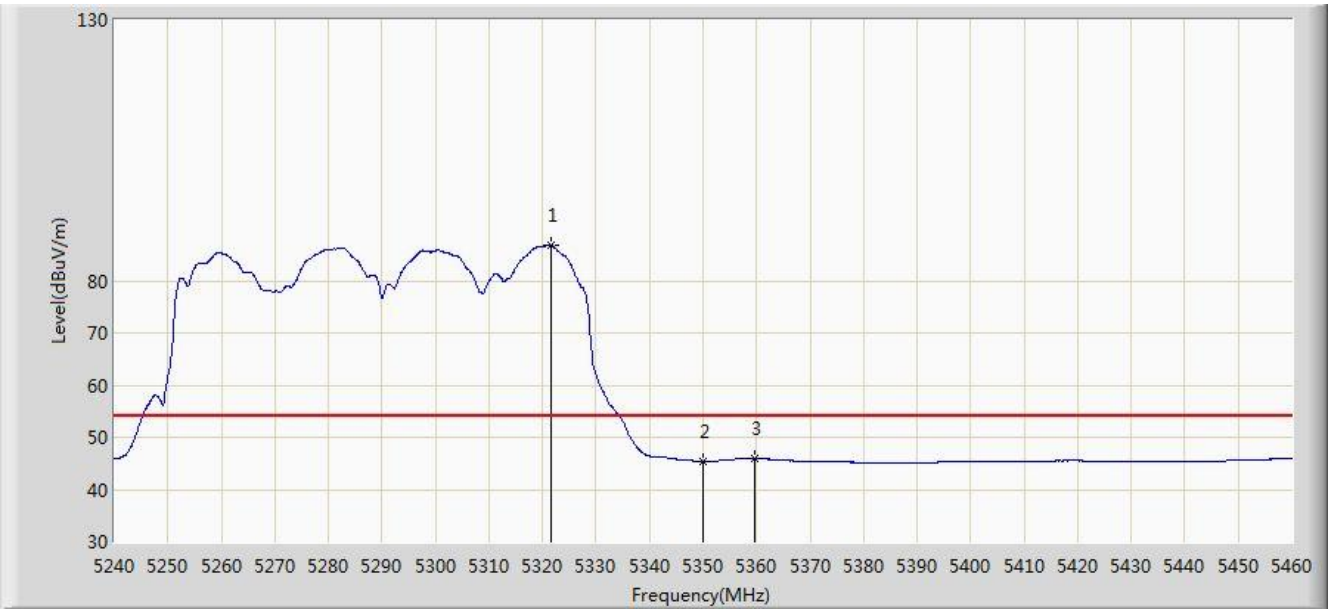


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5299.730	98.936	95.123	N/A	N/A	3.813	PK
2			5350.000	58.026	54.121	-15.974	74.000	3.904	PK
3			5383.990	59.386	55.419	-14.614	74.000	3.967	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 16:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz+5530MHz Ant 0 + 1 + 2 + 3	

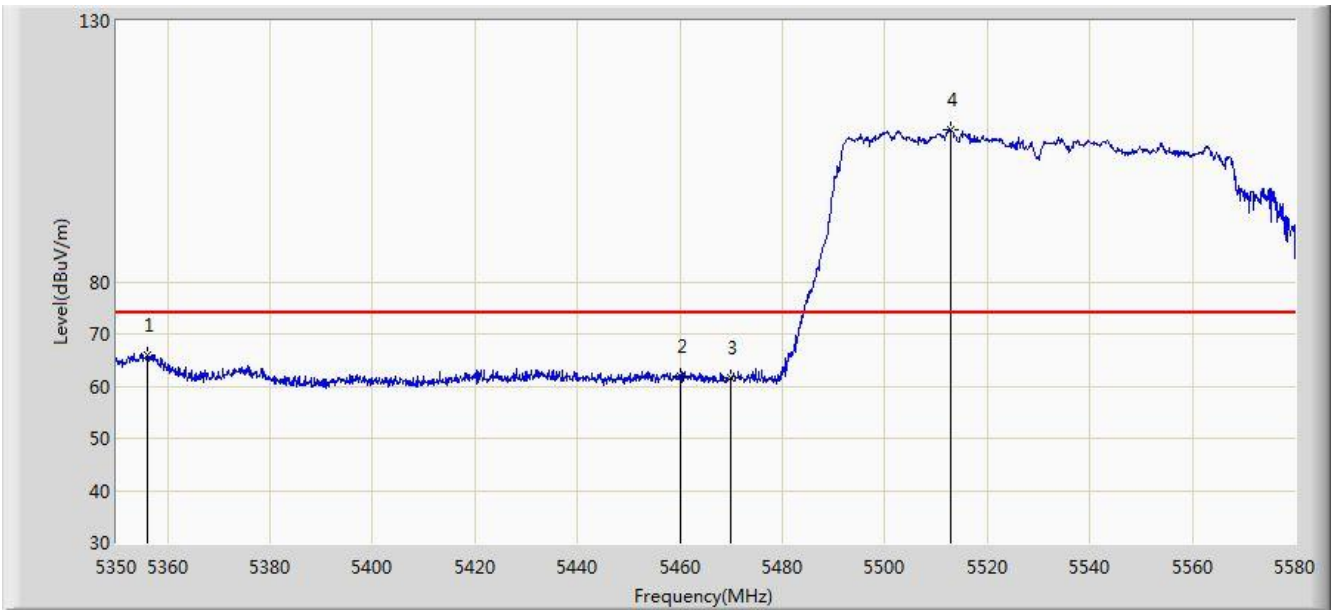


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5321.620	86.817	82.965	N/A	N/A	3.852	AV
2			5350.000	45.369	41.464	-8.631	54.000	3.904	AV
3			5359.680	45.945	42.023	-8.055	54.000	3.922	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 16:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz+5530MHz Ant 0 + 1 + 2 + 3	

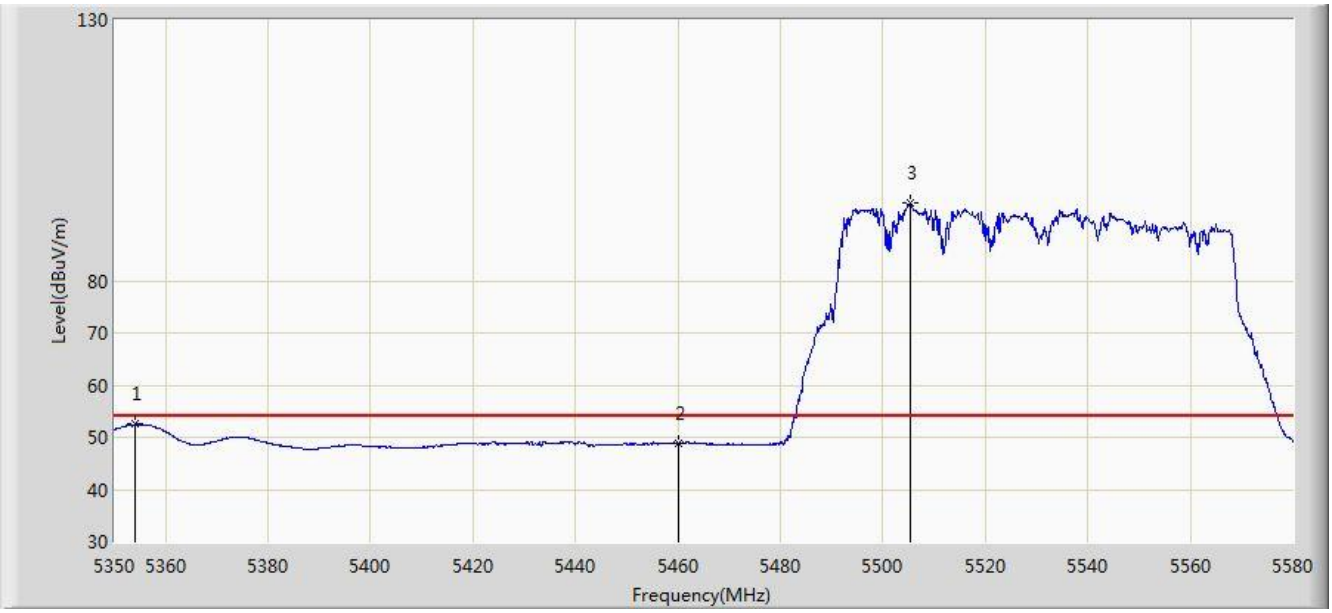


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5355.980	66.050	62.134	-7.950	74.000	3.915	PK
2			5460.000	61.858	57.678	-12.142	74.000	4.180	PK
3			5470.000	61.535	57.333	-12.465	74.000	4.202	PK
4		*	5512.955	109.058	104.748	N/A	N/A	4.310	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 16:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz+5530MHz Ant 0 + 1 + 2 + 3	

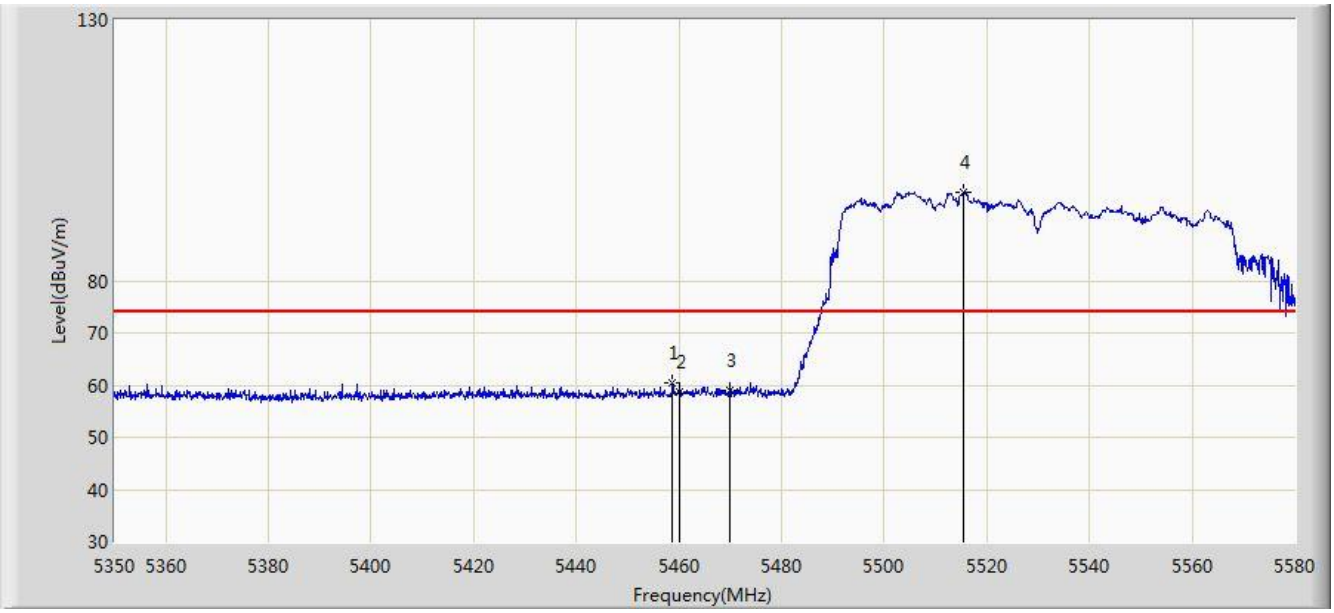


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5354.140	52.467	48.555	-1.533	54.000	3.913	AV
2			5460.000	48.921	44.741	-5.079	54.000	4.180	AV
3		*	5505.250	94.792	90.505	N/A	N/A	4.287	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 16:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz+5530MHz Ant 0 + 1 + 2 + 3	

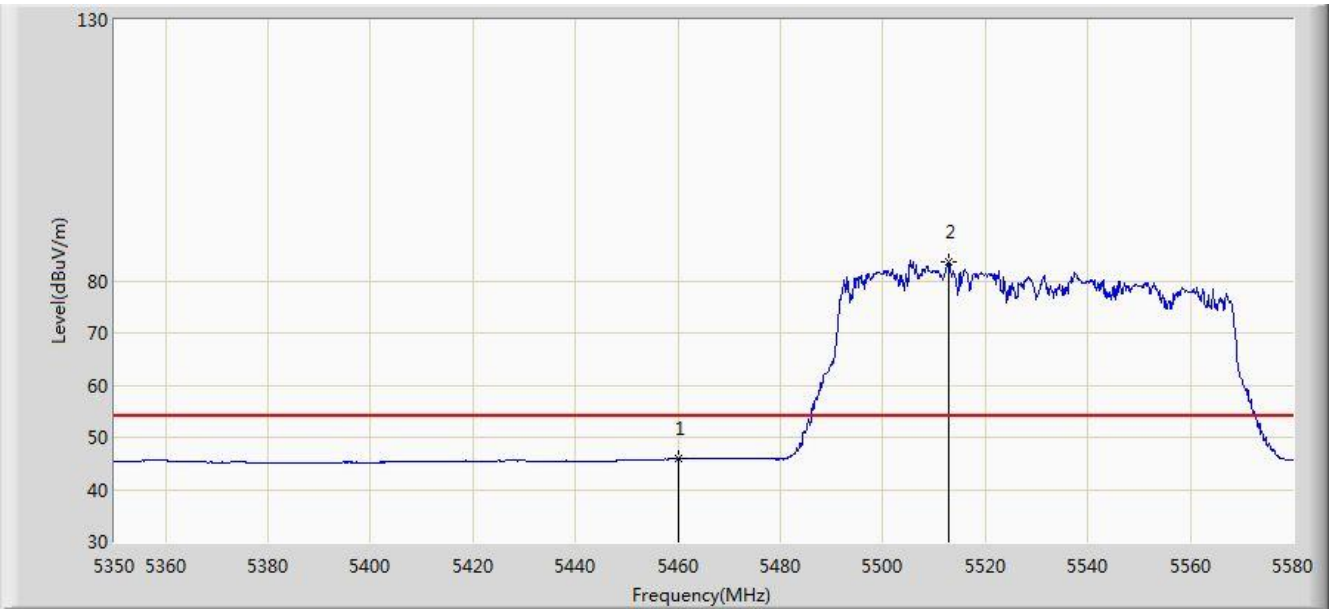


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.675	60.345	56.168	-13.655	74.000	4.178	PK
2			5460.000	58.738	54.558	-15.262	74.000	4.180	PK
3			5470.000	59.000	54.798	-15.000	74.000	4.202	PK
4		*	5515.370	96.998	92.681	N/A	N/A	4.316	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 16:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz+5530MHz Ant 0 + 1 + 2 + 3	

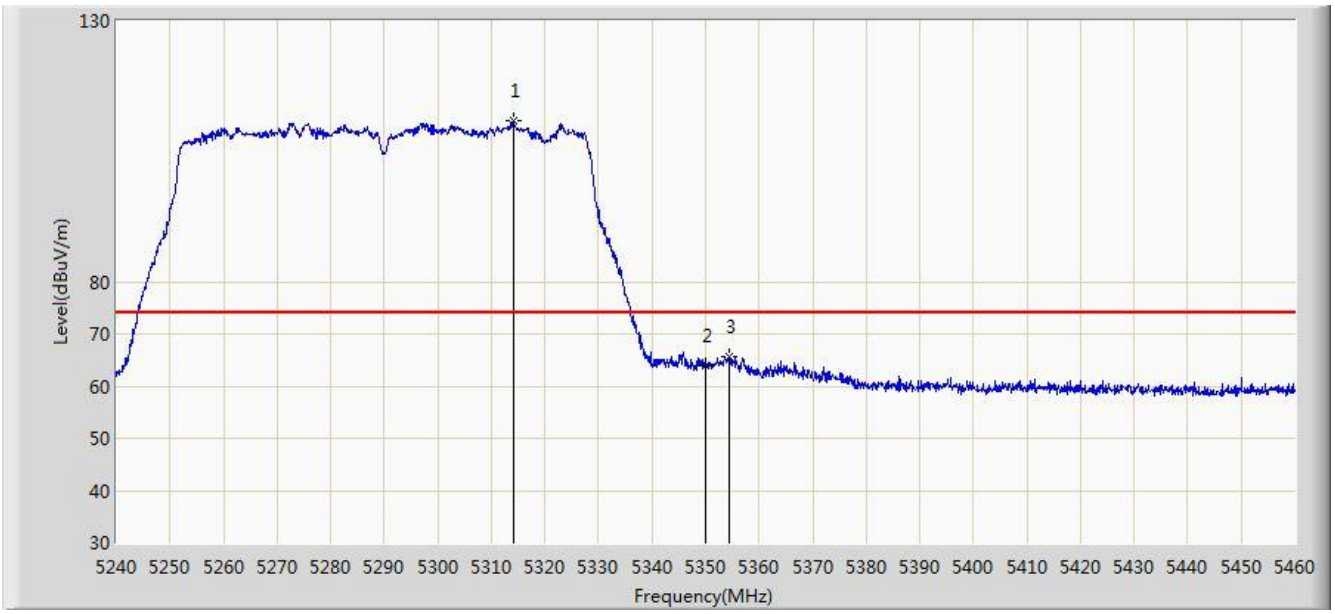


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	45.839	41.659	-8.161	54.000	4.180	AV
2		*	5512.725	83.578	79.269	N/A	N/A	4.310	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 16:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz+5610MHz Ant 0 + 1 + 2 + 3	

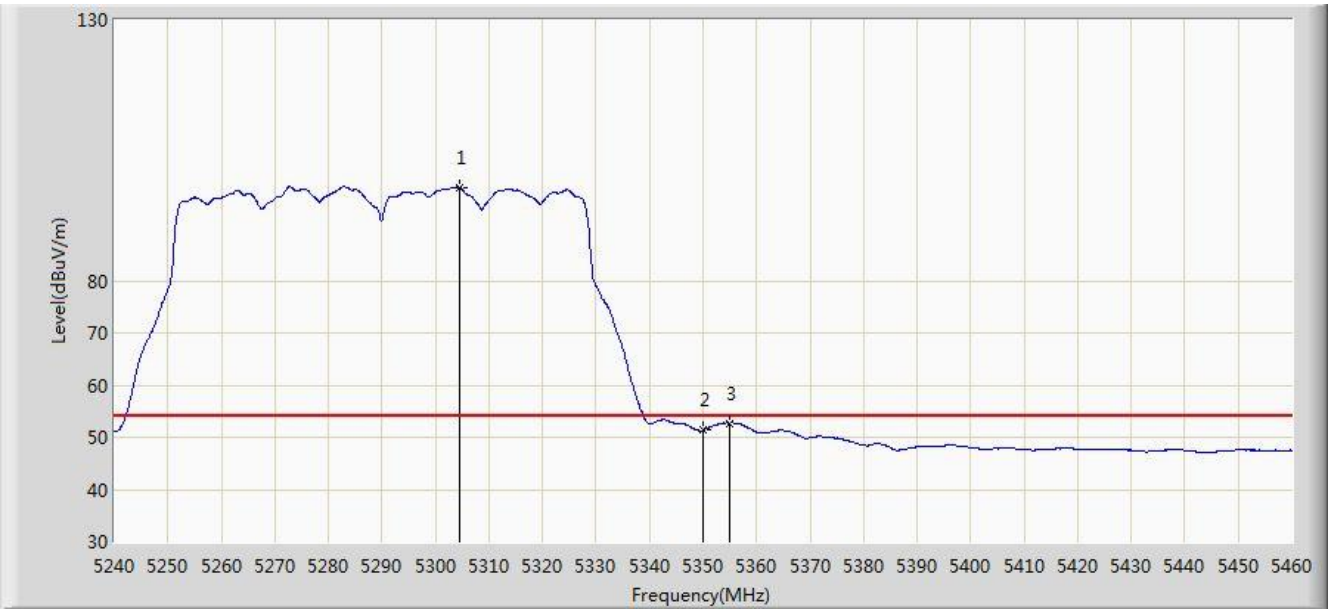


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.250	110.906	107.068	N/A	N/A	3.838	PK
2			5350.000	63.838	59.933	-10.162	74.000	3.904	PK
3			5354.510	65.677	61.764	-8.323	74.000	3.912	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 16:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz+5610MHz Ant 0 + 1 + 2 + 3	

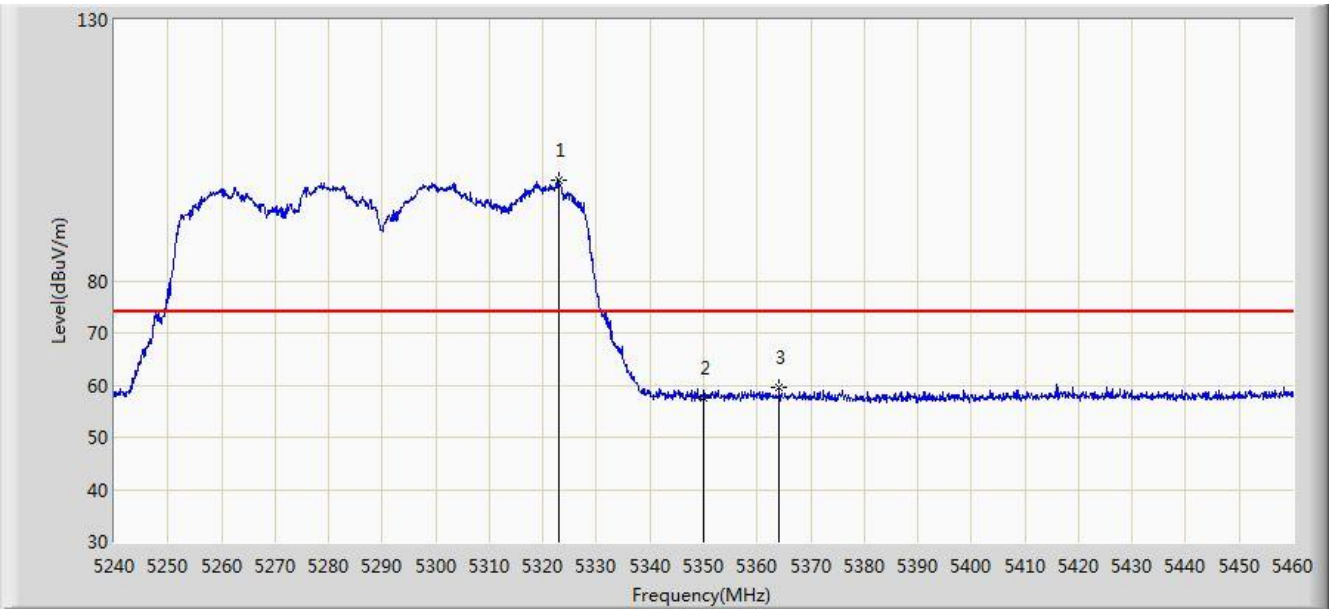


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5304.570	97.883	94.063	N/A	N/A	3.819	AV
2			5350.000	51.375	47.470	-2.625	54.000	3.904	AV
3			5354.840	52.693	48.779	-1.307	54.000	3.913	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 16:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz+5610MHz Ant 0 + 1 + 2 + 3	

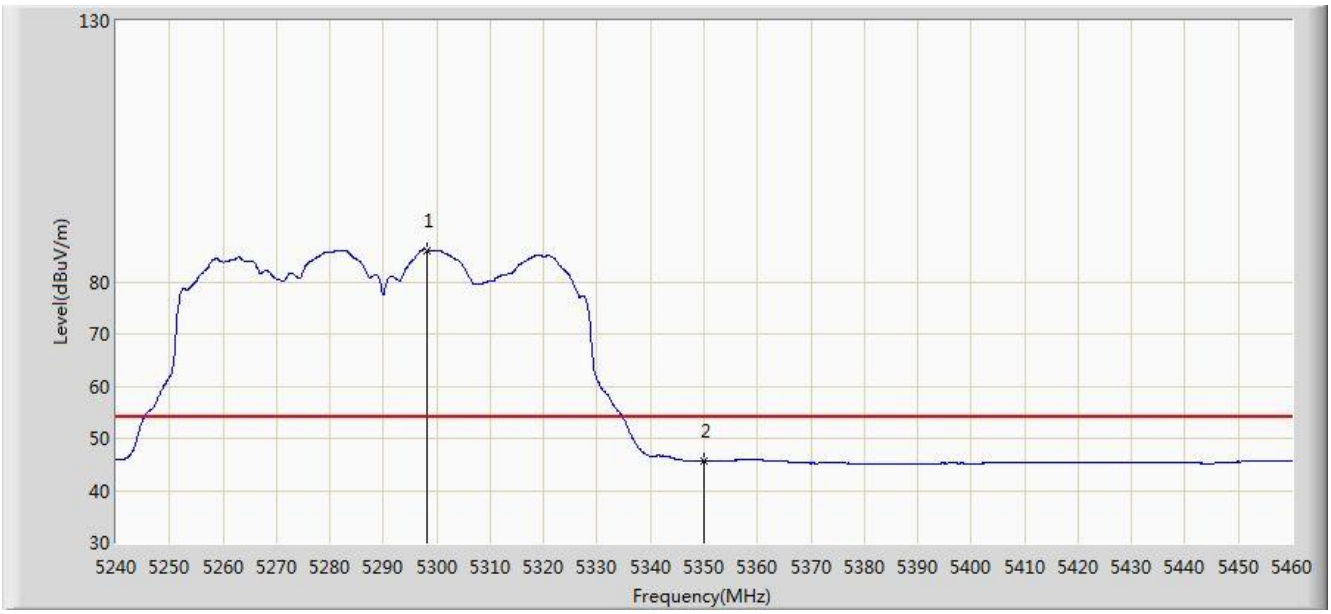


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5323.050	99.218	95.364	N/A	N/A	3.855	PK
2			5350.000	57.659	53.754	-16.341	74.000	3.904	PK
3			5364.080	59.451	55.521	-14.549	74.000	3.930	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 16:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz+5610MHz Ant 0 + 1 + 2 + 3	

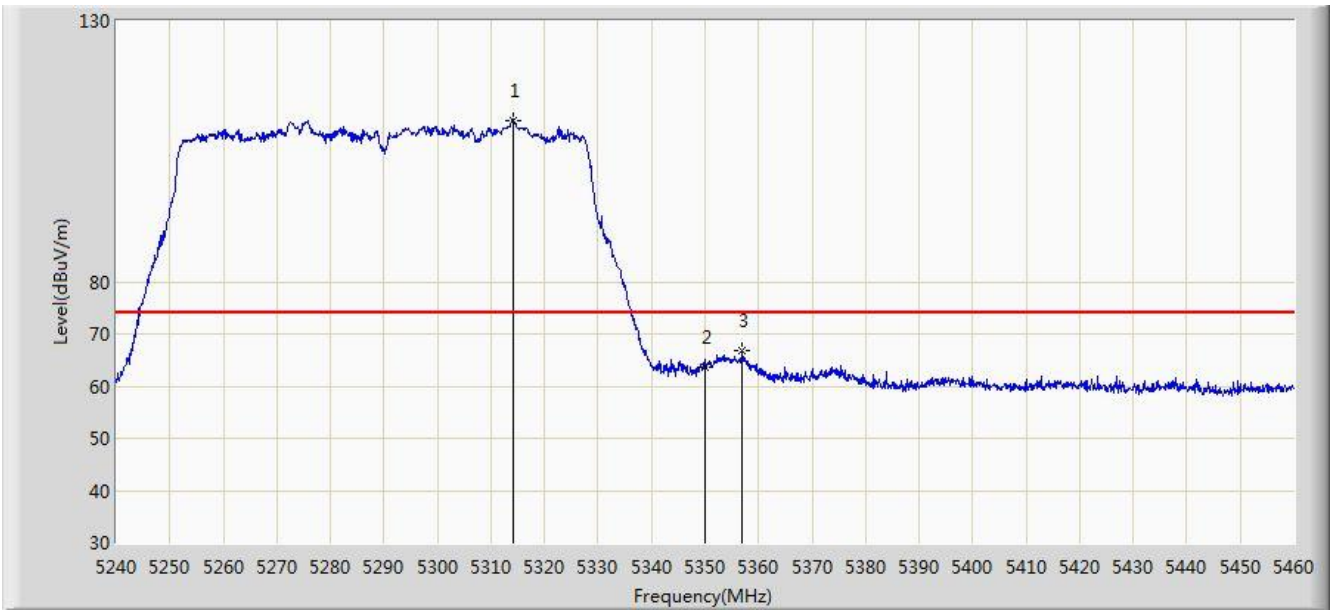


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5298.080	86.071	82.256	N/A	N/A	3.815	AV
2			5350.000	45.595	41.690	-8.405	54.000	3.904	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 17:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz+5690MHz Ant 0 + 1 + 2 + 3	

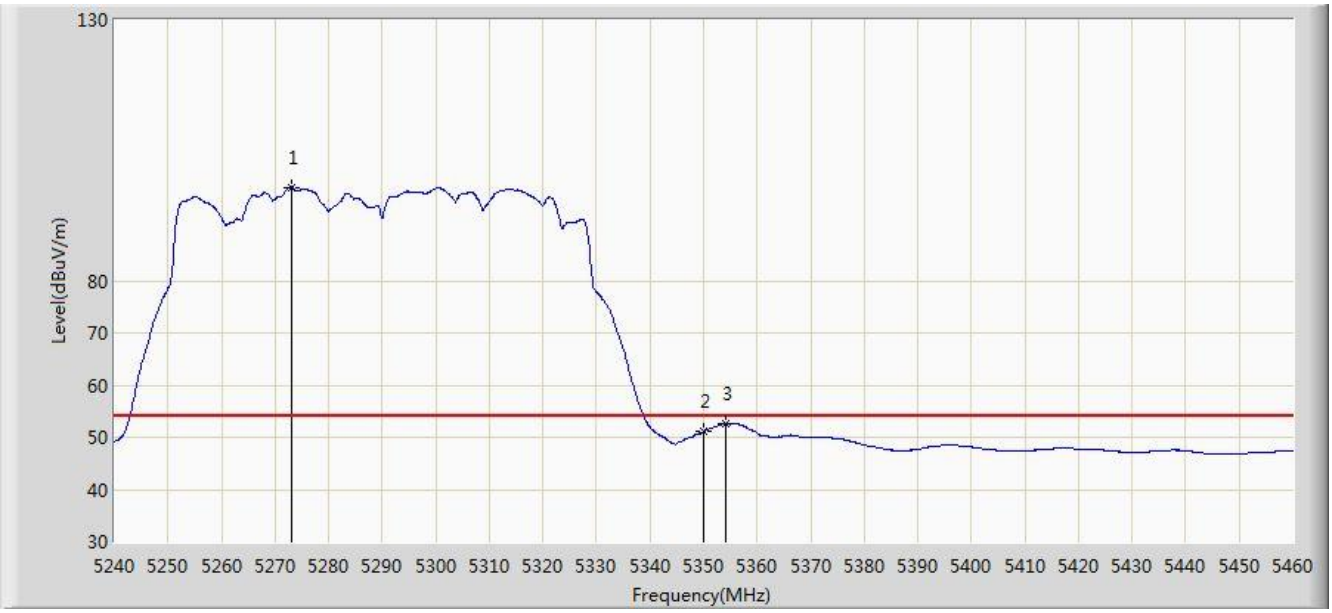


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.030	110.969	107.132	N/A	N/A	3.838	PK
2			5350.000	63.602	59.697	-10.398	74.000	3.904	PK
3			5356.930	66.927	63.010	-7.073	74.000	3.917	PK

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2016/12/03 - 16:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: Wi-Fi AP 4x4 OD omni antenna US	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz+5690MHz Ant 0 + 1 + 2 + 3	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5273.110	97.930	94.098	N/A	N/A	3.832	AV
2			5350.000	51.165	47.260	-2.835	54.000	3.904	AV
3			5354.180	52.558	48.646	-1.442	54.000	3.913	AV

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

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)