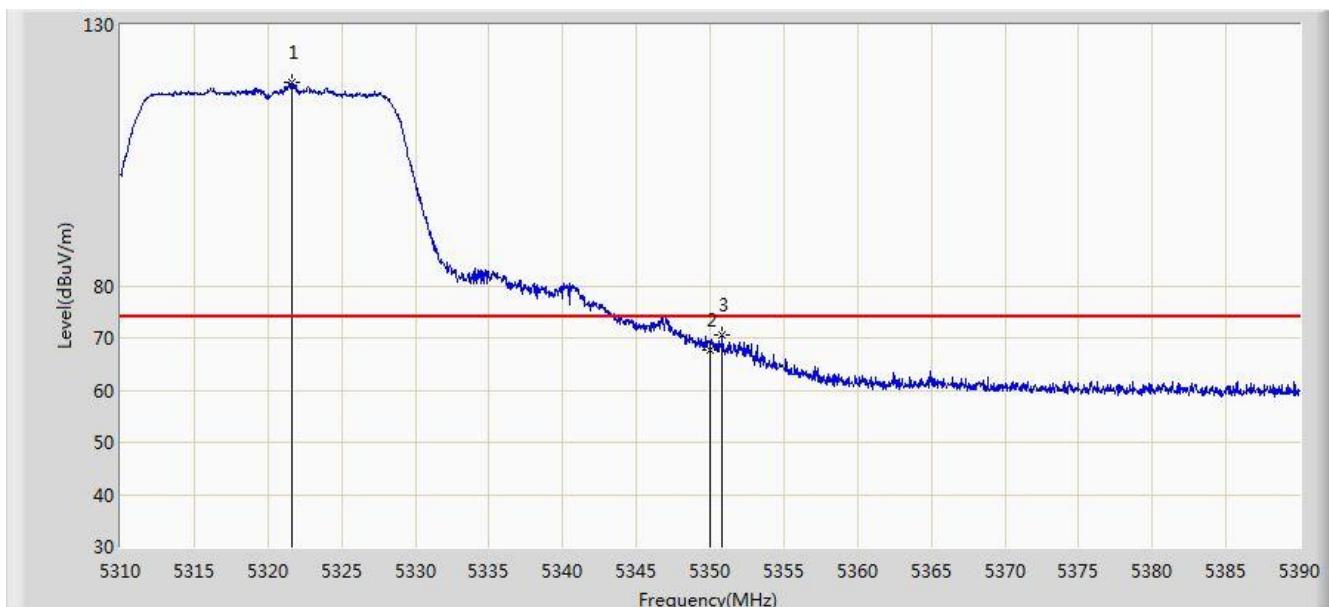


Site: AC1	Time: 2018/03/21 - 08:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5320MHz Ant 0	

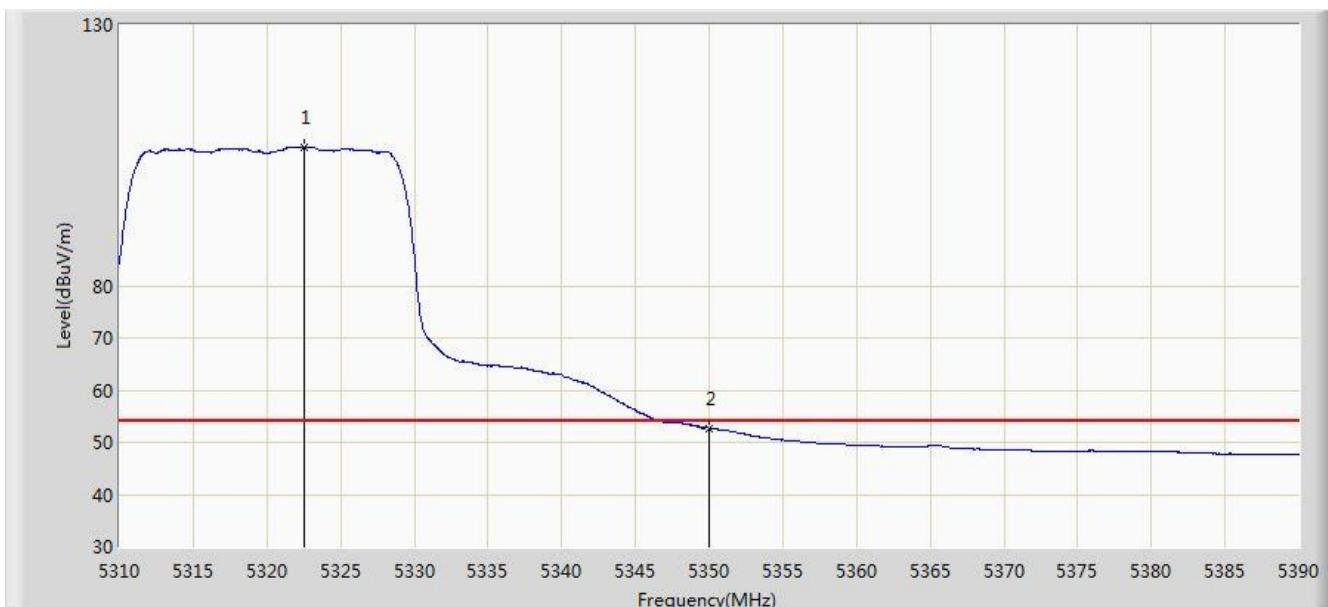


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5321.640	119.010	115.158	N/A	N/A	3.852	PK
2			5350.000	67.561	63.656	-6.439	74.000	3.904	PK
3			5350.840	70.633	66.727	-3.367	74.000	3.906	PK

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

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

Site: AC1	Time: 2018/03/21 - 08:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5320MHz Ant 0	

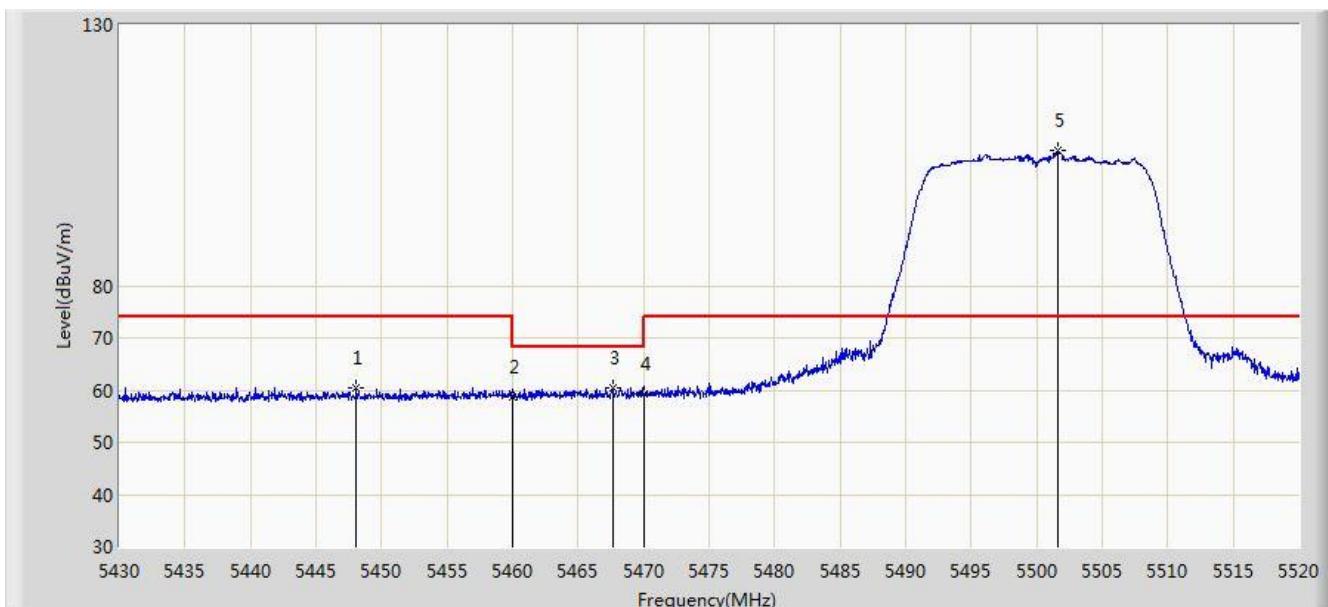


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5322.560	106.557	102.704	N/A	N/A	3.853	AV
2			5350.000	52.725	48.820	-1.275	54.000	3.904	AV

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

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

Site: AC1	Time: 2018/03/21 - 08:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5500MHz Ant 0	

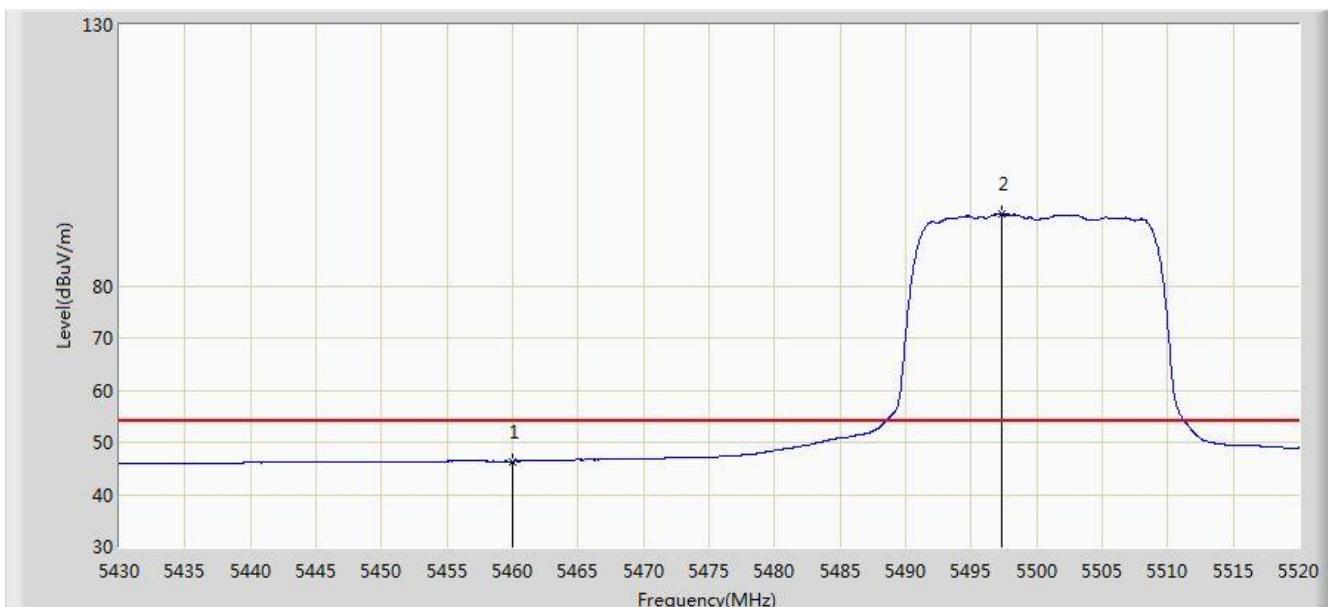


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5448.045	60.328	56.179	-13.672	74.000	4.149	PK
2			5460.000	58.719	54.539	-15.281	74.000	4.180	PK
3			5467.620	60.302	56.105	-7.898	68.200	4.197	PK
4			5470.000	59.305	55.103	-8.895	68.200	4.202	PK
5	*	*	5501.595	105.816	101.539	N/A	N/A	4.277	PK

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

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

Site: AC1	Time: 2018/03/21 - 08:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5500MHz Ant 0	

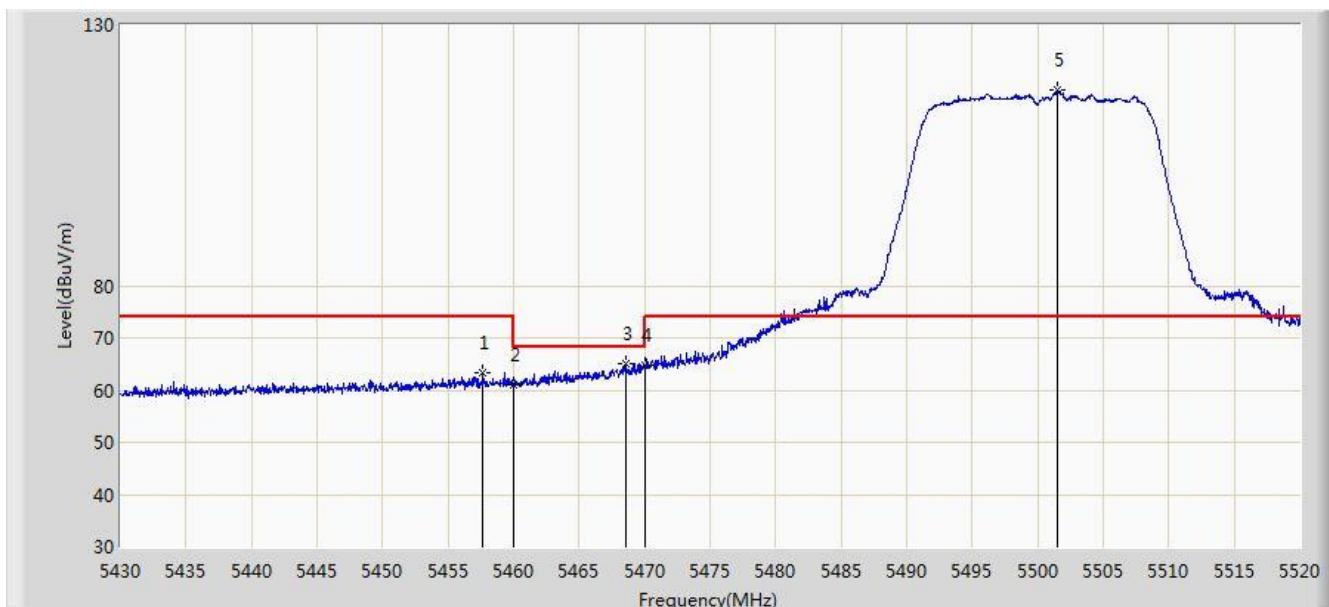


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5460.000	46.365	42.185	-7.635	54.000	4.180	AV
2	*	*	5497.275	93.629	89.365	N/A	N/A	4.264	AV

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

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

Site: AC1	Time: 2018/03/21 - 08:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5500MHz Ant 0	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.675	63.382	59.207	-10.618	74.000	4.176	PK
2			5460.000	60.953	56.773	-13.047	74.000	4.180	PK
3			5468.520	64.963	60.764	-3.237	68.200	4.199	PK
4			5470.000	64.721	60.519	-3.479	68.200	4.202	PK
5		*	5501.460	117.526	113.250	N/A	N/A	4.276	PK

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

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

Site: AC1	Time: 2018/03/21 - 08:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5500MHz Ant 0	

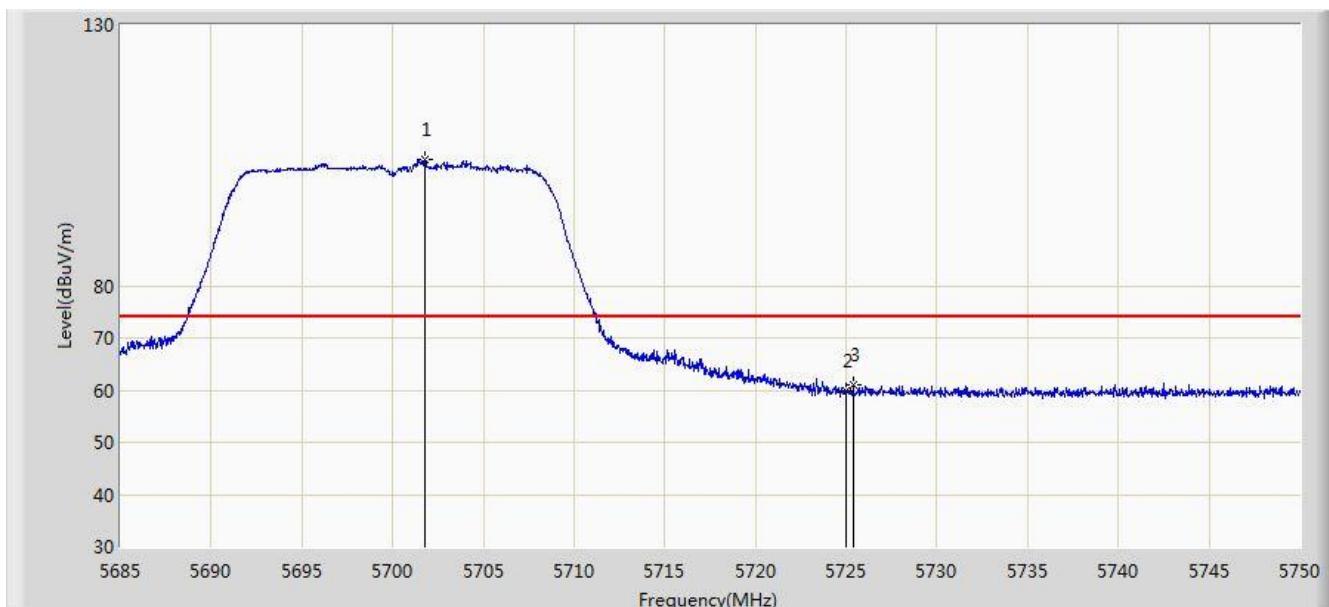


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	48.762	44.582	-5.238	54.000	4.180	AV
2	*		5496.915	105.013	100.750	N/A	N/A	4.264	AV

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

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

Site: AC1	Time: 2018/03/22 - 00:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5700MHz Ant 0	

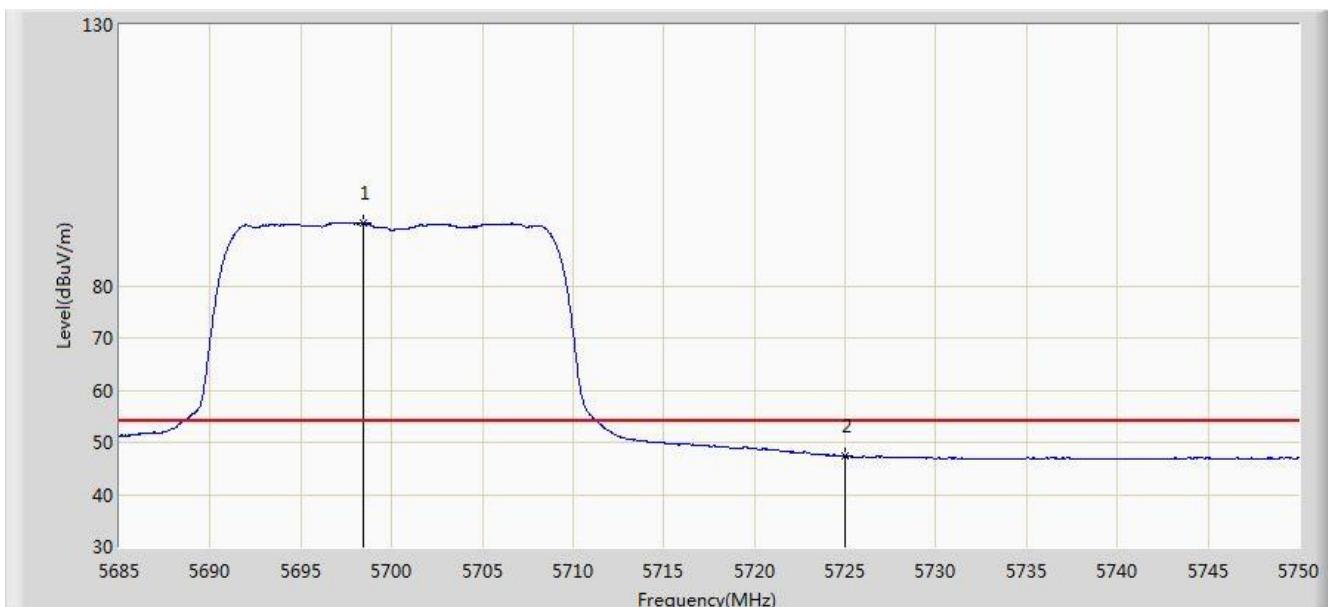


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5701.770	104.071	99.183	N/A	N/A	4.887	PK
2			5725.000	59.827	54.798	-14.173	74.000	5.029	PK
3			5725.397	61.103	56.071	-12.897	74.000	5.032	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5700MHz Ant 0	

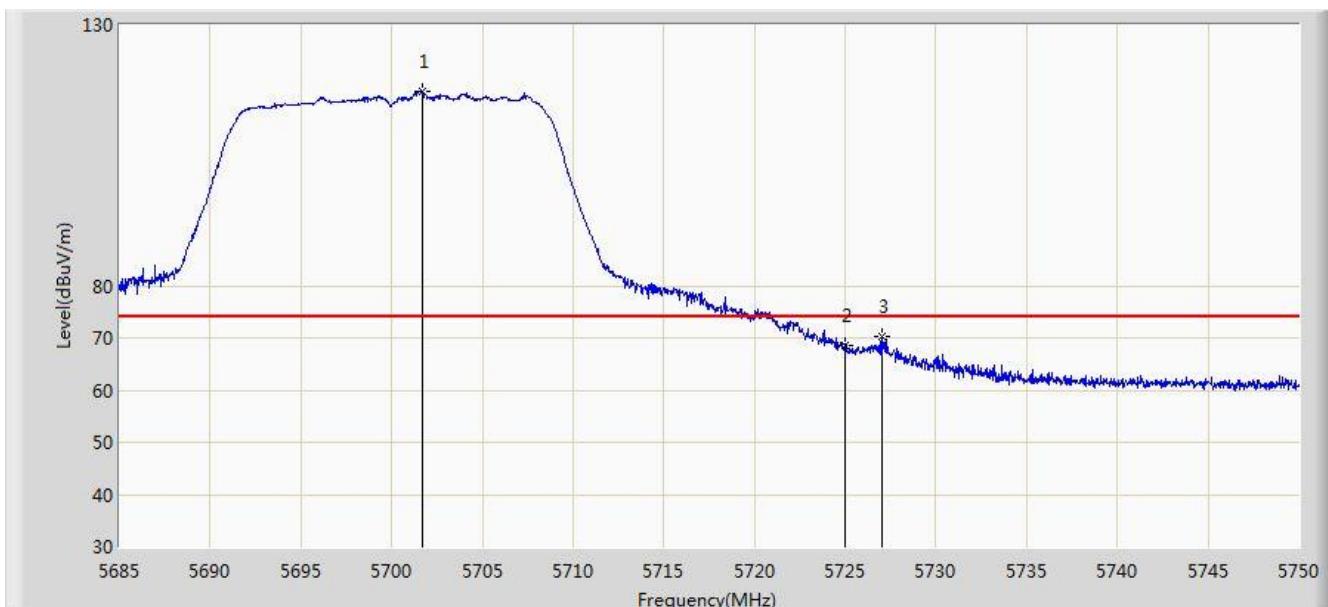


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5698.422	91.984	87.114	N/A	N/A	4.870	AV
2			5725.000	47.377	42.348	-6.623	54.000	5.029	AV

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

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

Site: AC1	Time: 2018/03/22 - 00:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5700MHz Ant 0	

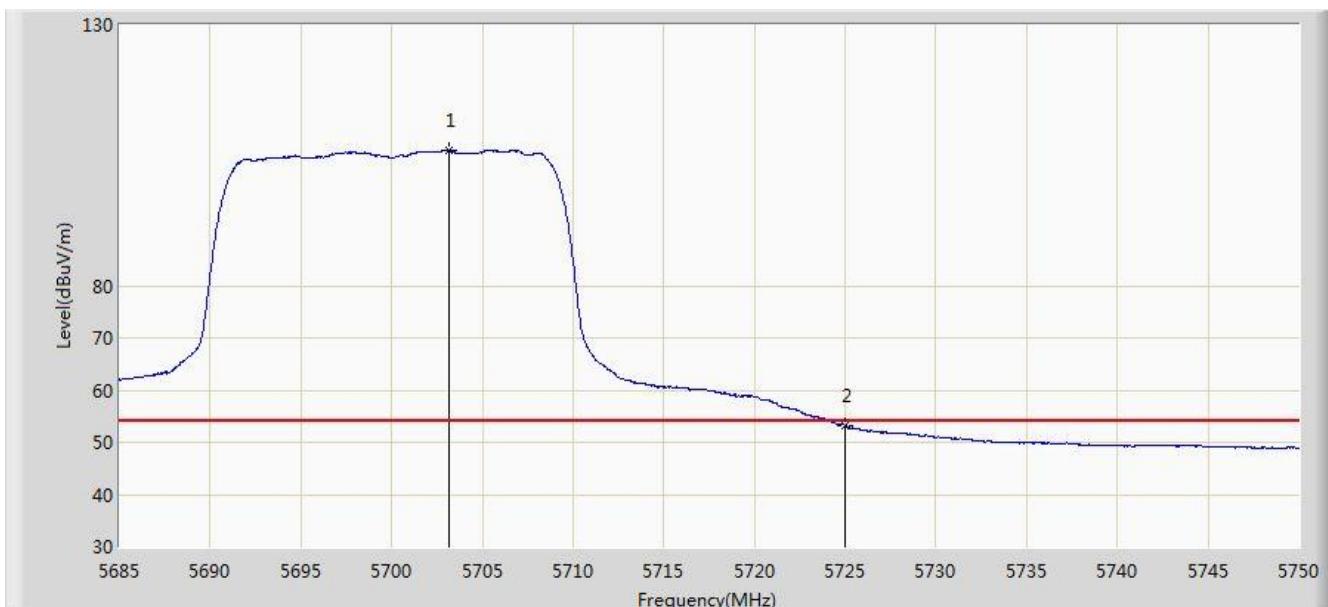


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5701.737	117.143	112.256	N/A	N/A	4.887	PK
2			5725.000	68.694	63.665	-5.306	74.000	5.029	PK
3			5727.055	70.415	65.373	-3.585	74.000	5.043	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5700MHz Ant 0	

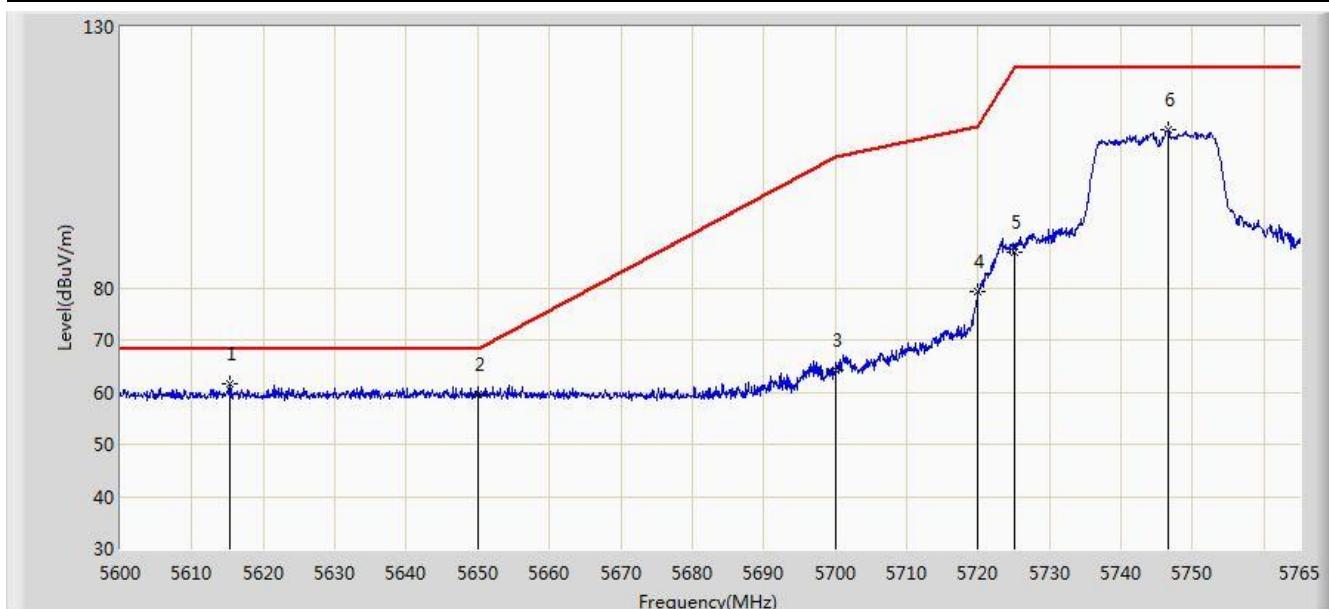


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5703.167	106.043	101.148	N/A	N/A	4.896	AV
2			5725.000	53.267	48.238	-0.733	54.000	5.029	AV

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

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

Site: AC1	Time: 2018/03/22 - 00:08
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz Ant 0	

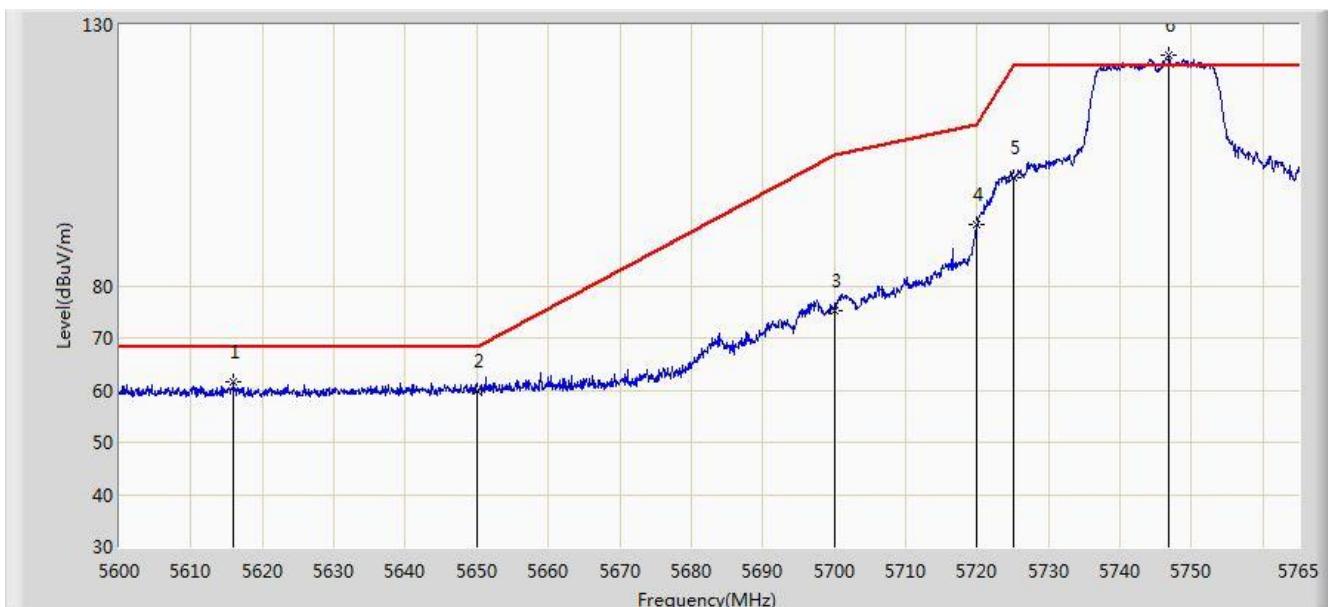


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5615.263	61.549	56.982	-6.651	68.200	4.566	PK
2			5650.000	59.658	54.987	-8.542	68.200	4.671	PK
3			5700.000	64.080	59.202	-41.120	105.200	4.878	PK
4			5720.000	79.152	74.155	-31.648	110.800	4.997	PK
5			5725.000	86.924	81.895	-35.276	122.200	5.029	PK
6			5746.520	110.320	105.156	N/A	N/A	5.163	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:10
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz Ant 0	

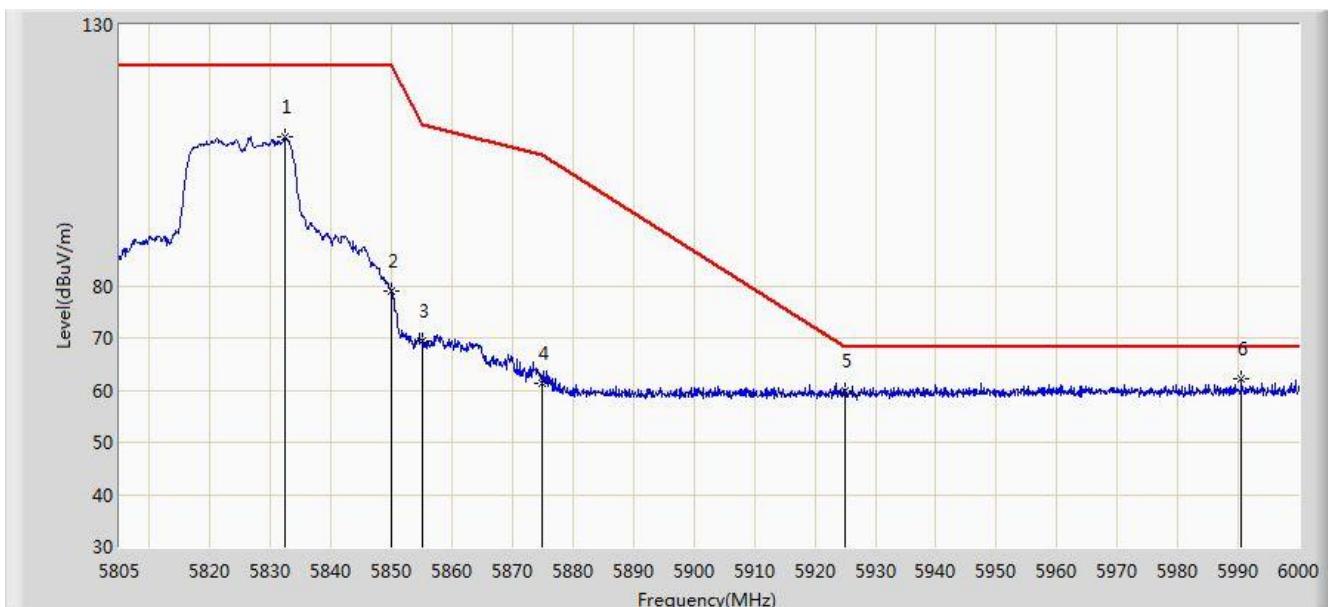


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5616.005	61.461	56.892	-6.739	68.200	4.569	PK
2			5650.000	59.892	55.221	-8.308	68.200	4.671	PK
3			5700.000	75.259	70.381	-29.941	105.200	4.878	PK
4			5720.000	91.639	86.642	-19.161	110.800	4.997	PK
5			5725.000	100.677	95.648	-21.523	122.200	5.029	PK
6	*		5746.850	124.073	118.908	N/A	N/A	5.165	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:11
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz Ant 0	

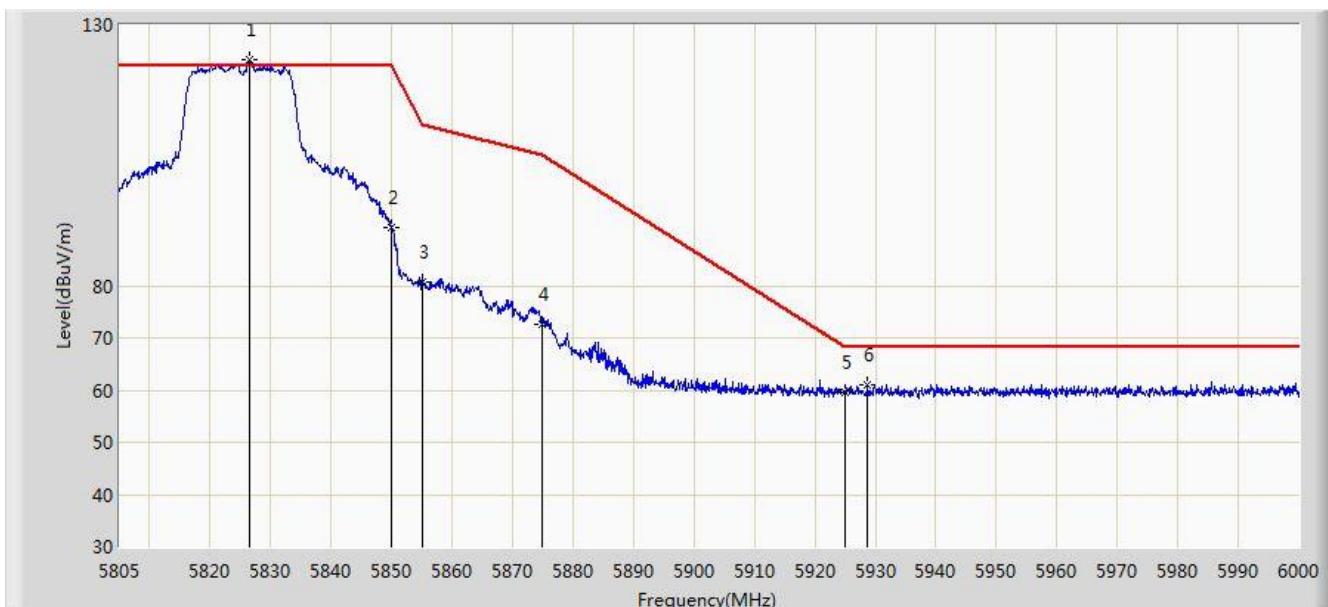


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5832.397	108.511	102.880	N/A	N/A	5.631	PK
2			5850.000	79.007	73.281	-43.193	122.200	5.726	PK
3			5855.000	69.500	63.754	-41.300	110.800	5.746	PK
4			5875.000	61.351	55.531	-43.849	105.200	5.820	PK
5			5925.000	59.778	53.812	-8.422	68.200	5.967	PK
6	*		5990.542	62.090	55.995	-6.110	68.200	6.095	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:12
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz Ant 0	

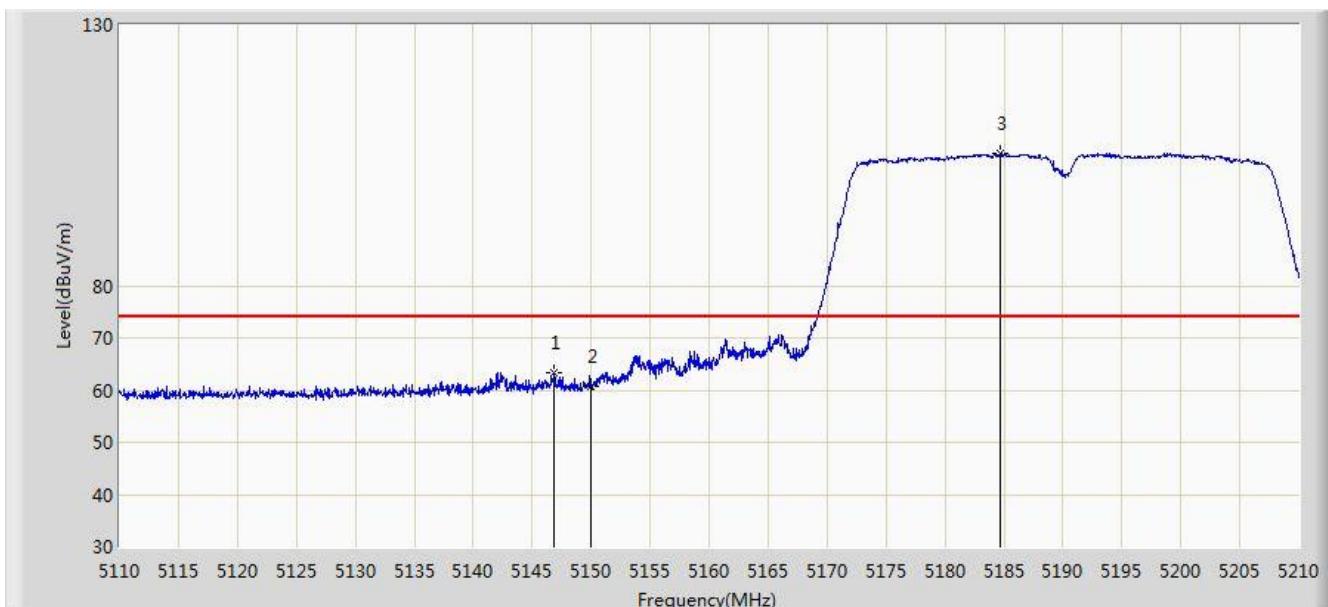


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5826.547	123.257	117.660	N/A	N/A	5.596	PK
2			5850.000	91.022	85.296	-31.178	122.200	5.726	PK
3			5855.000	80.793	75.047	-30.007	110.800	5.746	PK
4			5875.000	72.499	66.679	-32.701	105.200	5.820	PK
5			5925.000	59.659	53.693	-8.541	68.200	5.967	PK
6			5928.630	61.031	55.055	-7.169	68.200	5.976	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0	

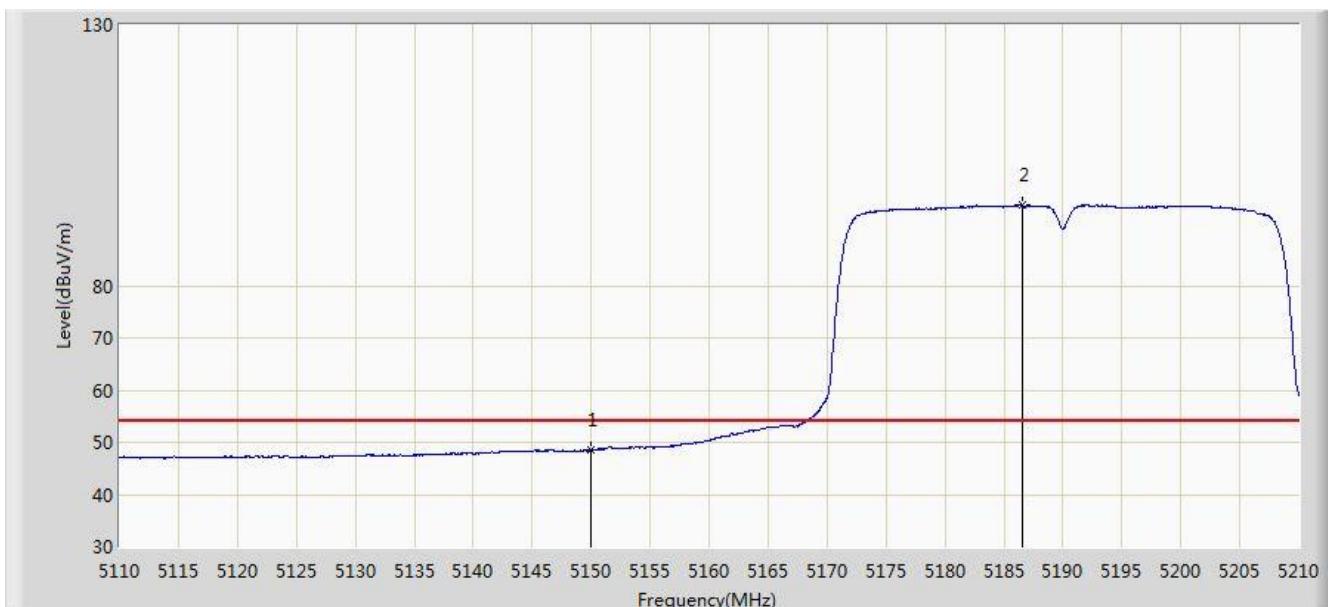


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5146.850	63.477	59.301	-10.523	74.000	4.176	PK
2			5150.000	60.613	56.444	-13.387	74.000	4.170	PK
3		*	5184.650	105.353	101.301	N/A	N/A	4.053	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0	

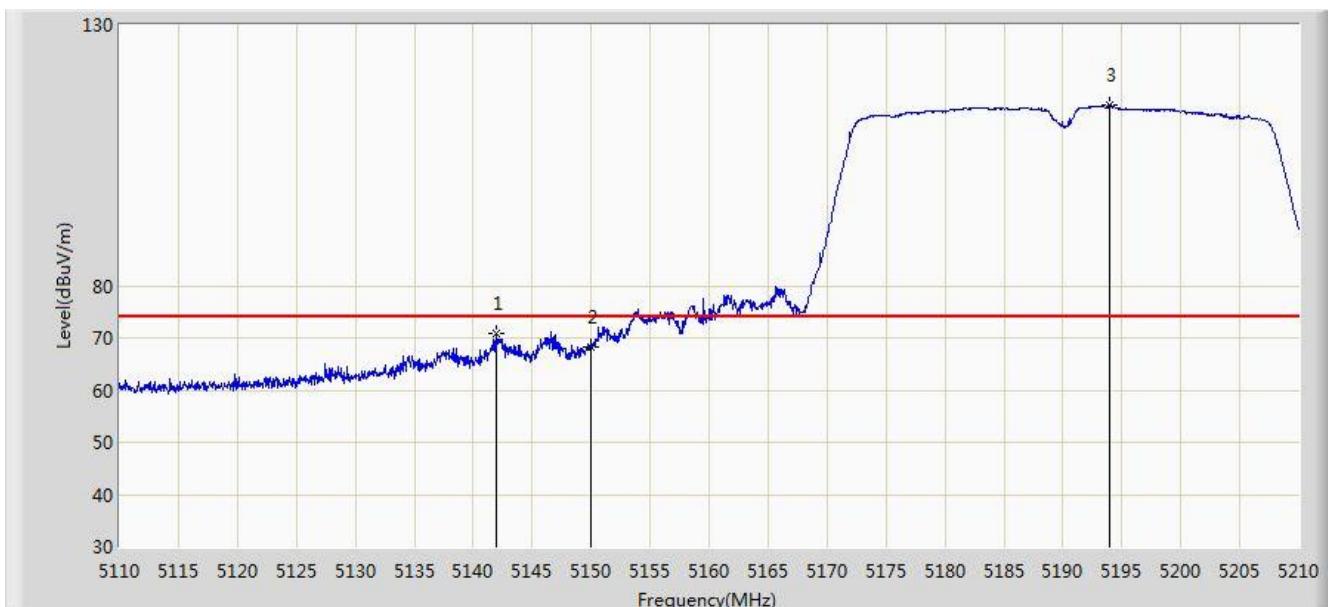


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5150.000	48.424	44.255	-5.576	54.000	4.170	AV
2	*	*	5186.600	95.415	91.370	N/A	N/A	4.045	AV

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

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

Site: AC1	Time: 2018/03/22 - 00:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0	

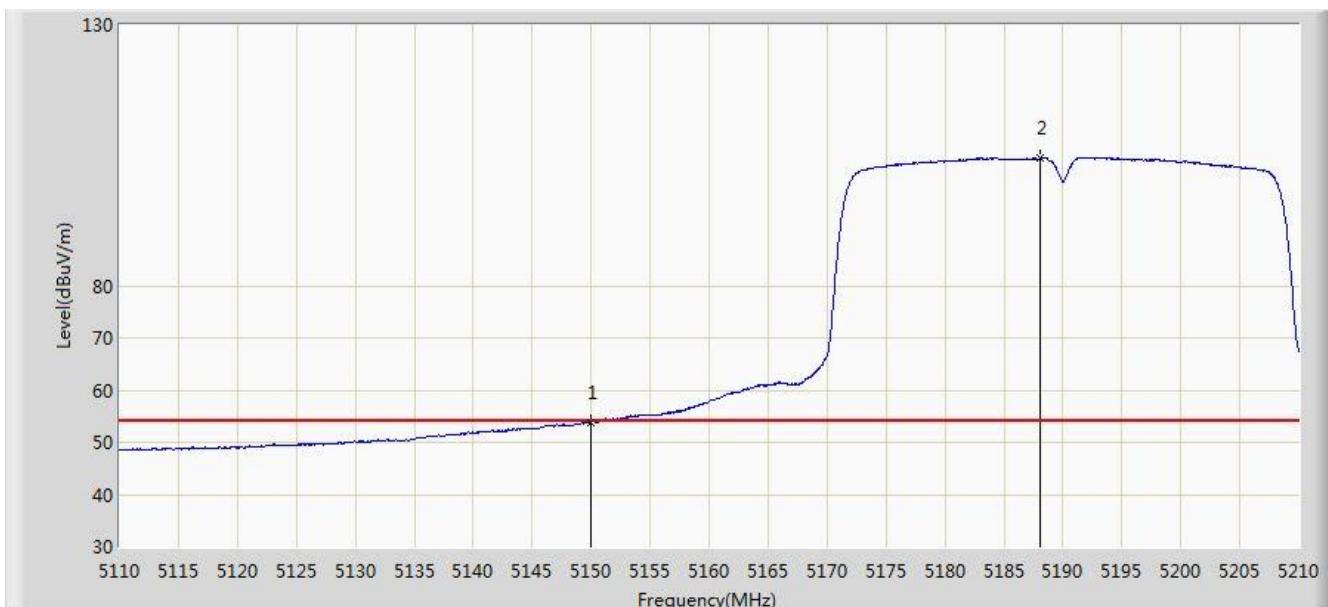


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5142.000	70.850	66.674	-3.150	74.000	4.176	PK
2			5150.000	68.285	64.116	-5.715	74.000	4.170	PK
3		*	5193.950	114.657	110.638	N/A	N/A	4.019	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0	

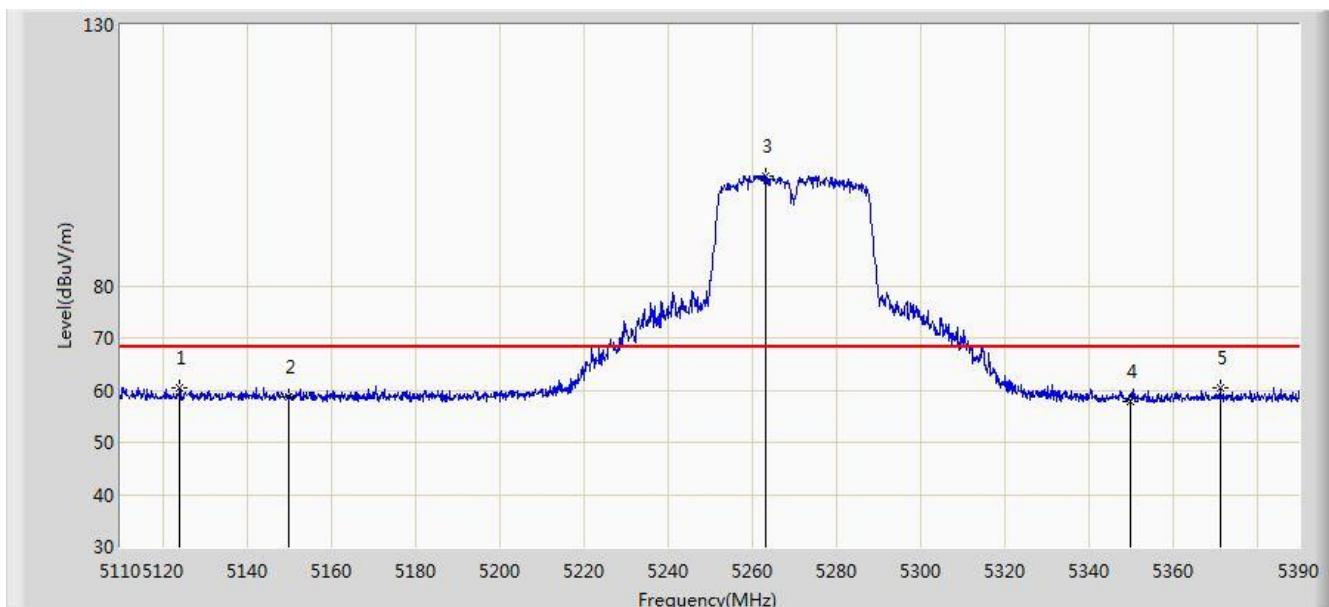


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5150.000	53.783	49.614	-0.217	54.000	4.170	AV
2	*	*	5188.100	104.395	100.355	N/A	N/A	4.040	AV

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

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

Site: AC1	Time: 2018/04/10 - 02:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5270MHz Ant 0	

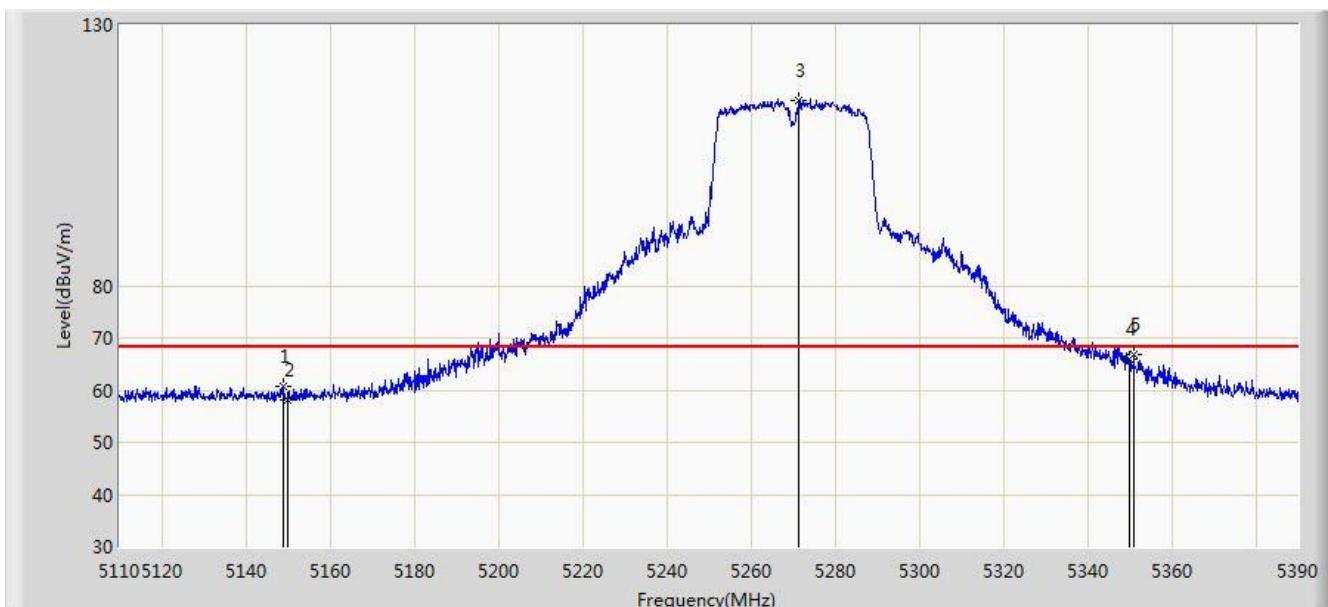


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5124.000	60.527	56.352	-7.673	68.200	4.175	PK
2			5150.000	58.644	54.475	-9.556	68.200	4.170	PK
3		*	5263.160	101.000	97.160	N/A	N/A	3.841	PK
4			5350.000	57.966	54.061	-10.234	68.200	3.904	PK
5			5371.240	60.479	56.536	-7.721	68.200	3.943	PK

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

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

Site: AC1	Time: 2018/04/10 - 02:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5270MHz Ant 0	

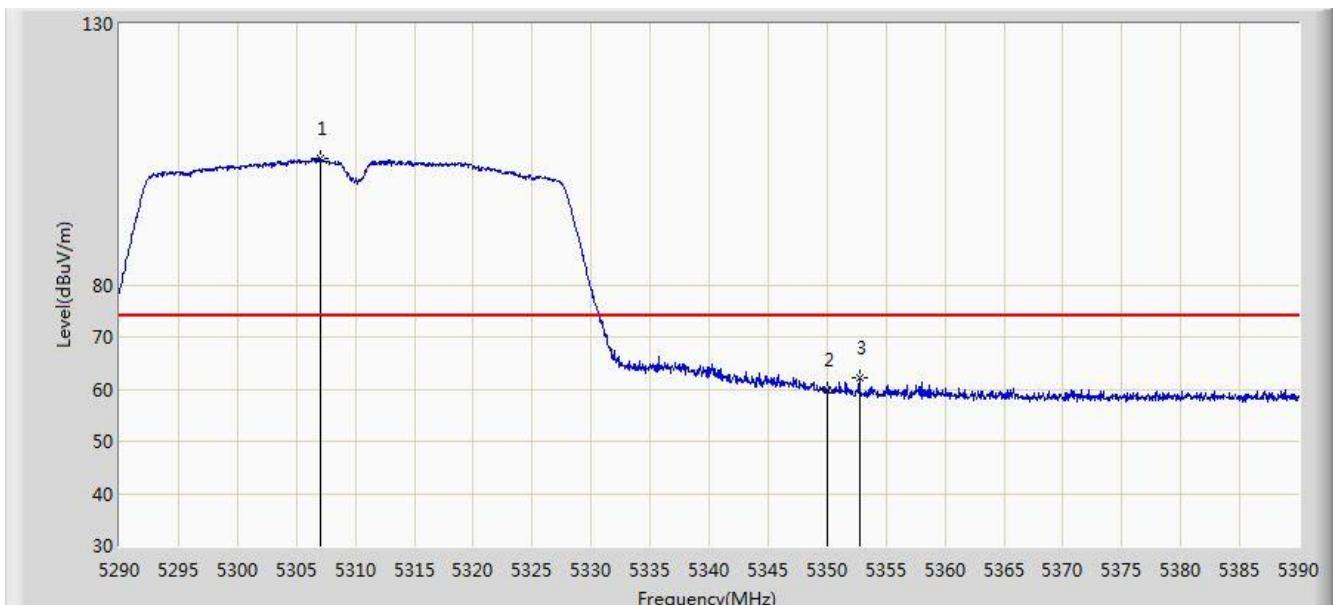


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5149.060	60.640	56.468	-7.560	68.200	4.173	PK
2			5150.000	58.239	54.070	-9.961	68.200	4.170	PK
3		*	5271.560	115.563	111.729	N/A	N/A	3.833	PK
4			5350.000	65.813	61.908	-2.387	68.200	3.904	PK
5			5351.080	66.742	62.835	-1.458	68.200	3.906	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5310MHz Ant 0	

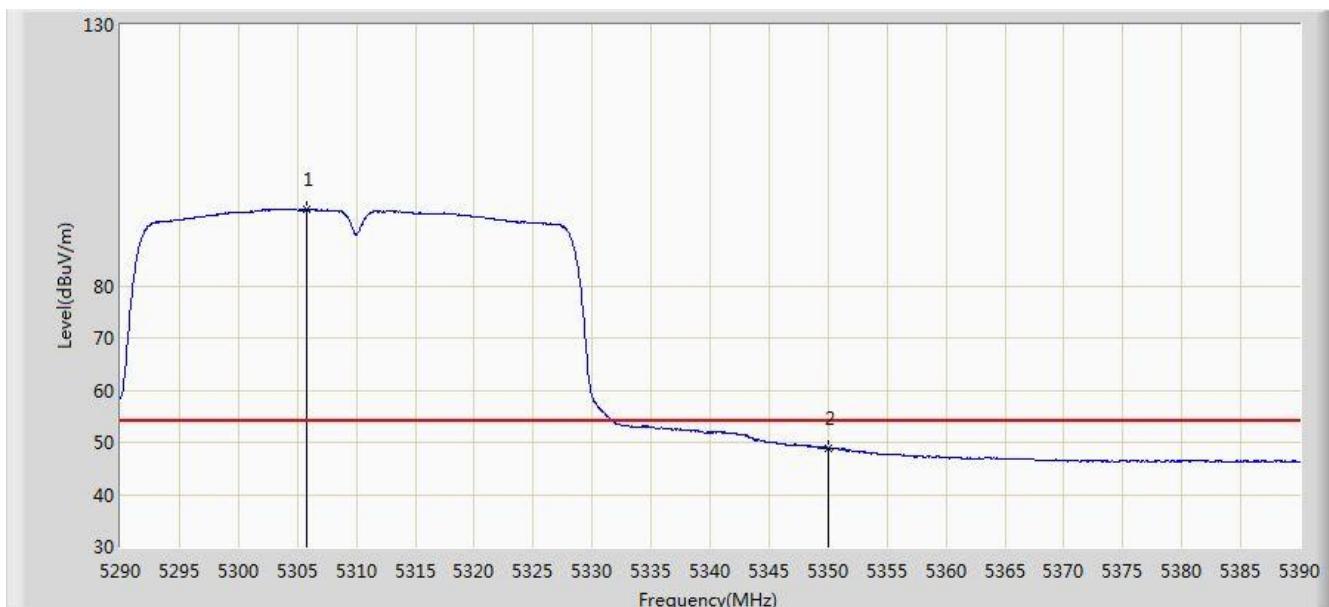


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*		5307.050	104.081	100.256	N/A	N/A	3.825	PK
2			5350.000	59.754	55.849	-14.246	74.000	3.904	PK
3			5352.750	62.231	58.321	-11.769	74.000	3.910	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5310MHz Ant 0	

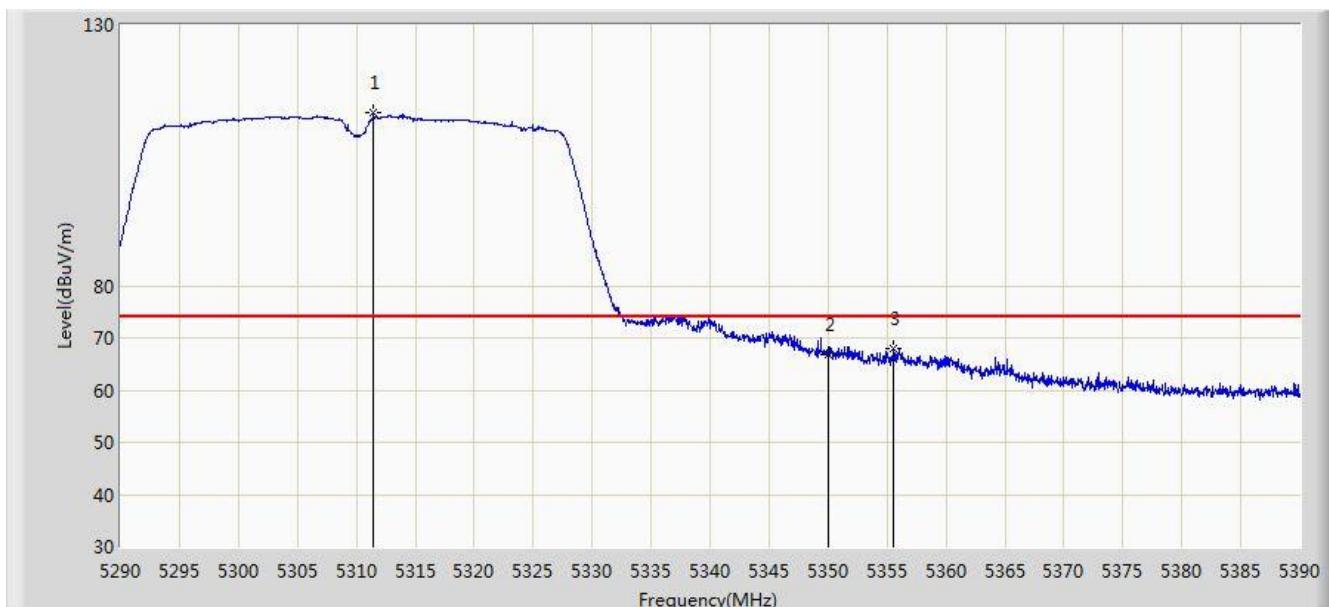


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5305.800	94.523	90.701	N/A	N/A	3.821	AV
2			5350.000	48.936	45.031	-5.064	54.000	3.904	AV

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

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

Site: AC1	Time: 2018/03/22 - 00:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5310MHz Ant 0	

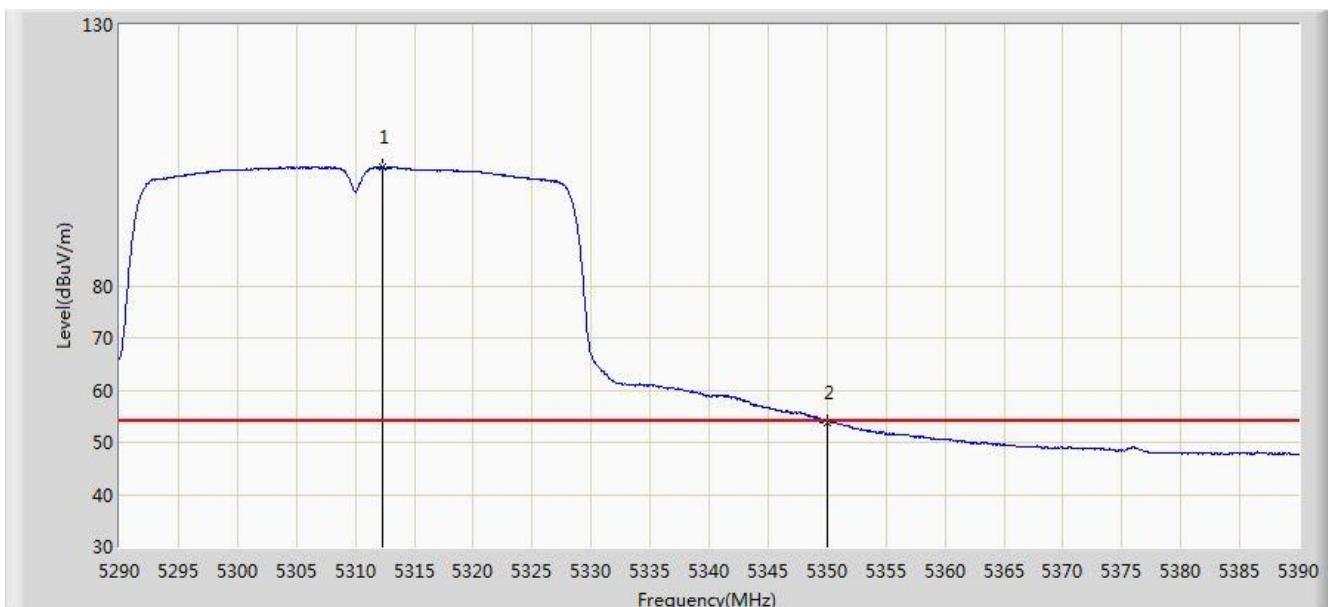


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5311.450	113.194	109.361	N/A	N/A	3.832	PK
2			5350.000	66.813	62.908	-7.187	74.000	3.904	PK
3			5355.600	67.978	64.063	-6.022	74.000	3.915	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5310MHz Ant 0	

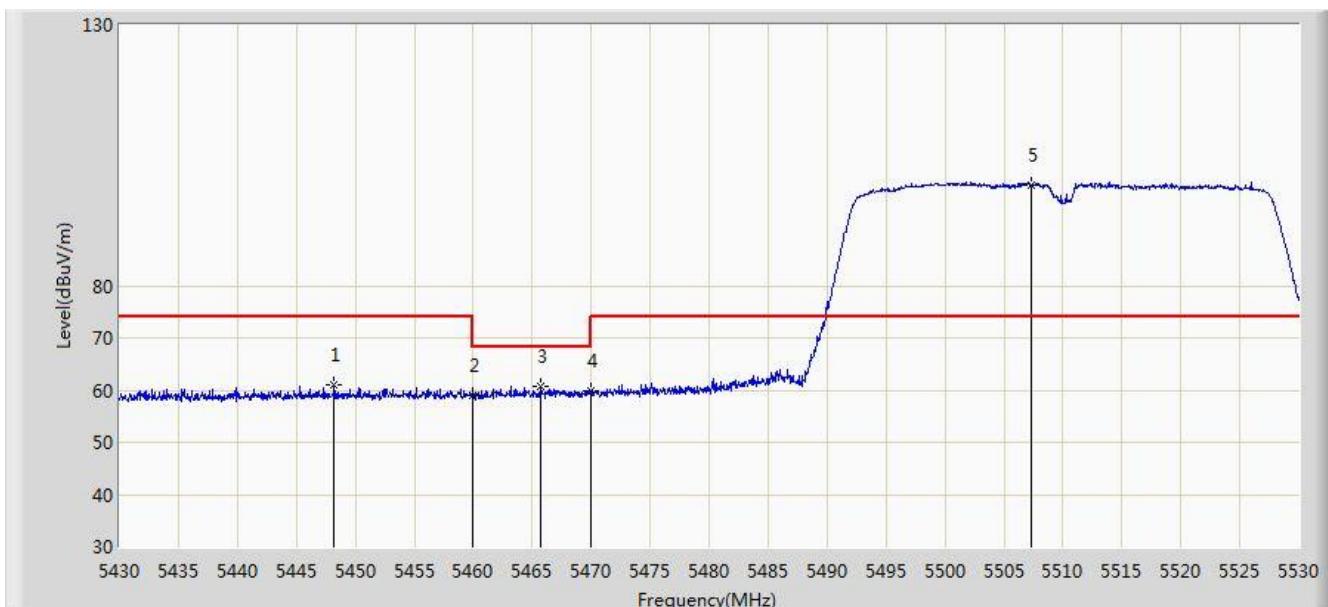


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5312.350	102.616	98.782	N/A	N/A	3.834	AV
2			5350.000	53.883	49.978	-0.117	54.000	3.904	AV

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

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

Site: AC1	Time: 2018/03/22 - 17:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5510MHz Ant 0	

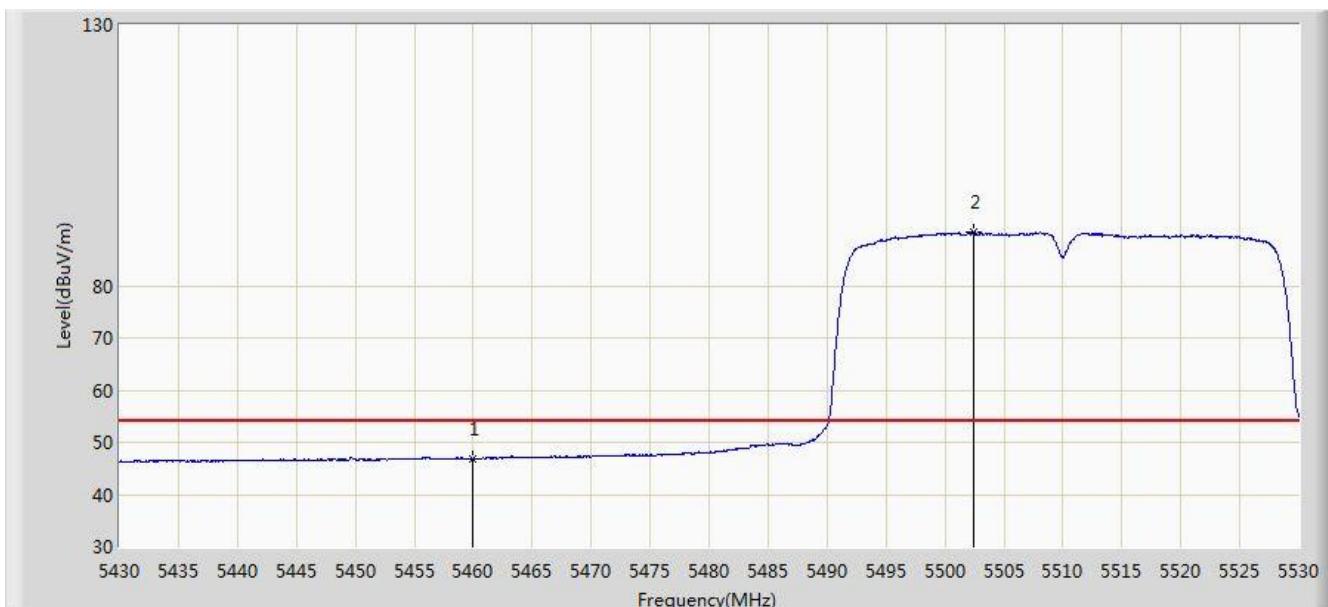


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5448.200	60.931	56.782	-13.069	74.000	4.149	PK
2			5460.000	59.037	54.857	-14.963	74.000	4.180	PK
3			5465.750	60.591	56.398	-7.609	68.200	4.193	PK
4			5470.000	59.983	55.781	-8.217	68.200	4.202	PK
5	*	*	5507.300	99.414	95.121	N/A	N/A	4.293	PK

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

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

Site: AC1	Time: 2018/03/22 - 17:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5510MHz Ant 0	

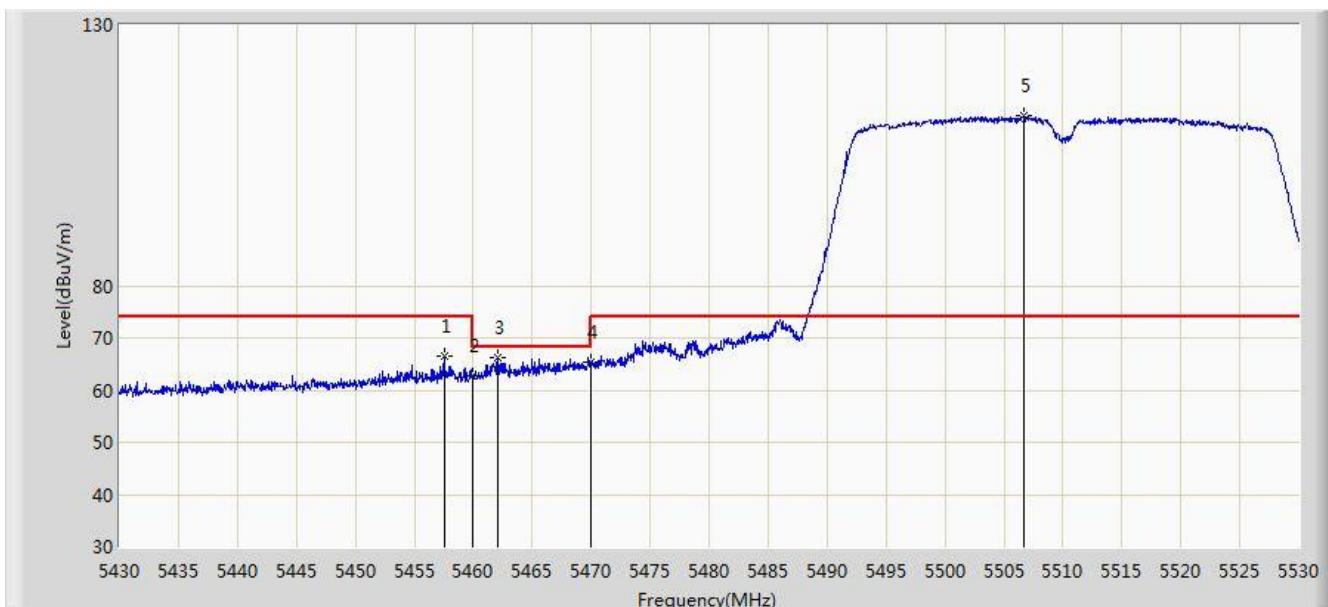


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5460.000	46.800	42.620	-7.200	54.000	4.180	AV
2	*		5502.400	90.236	85.957	N/A	N/A	4.278	AV

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

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

Site: AC1	Time: 2018/03/22 - 17:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5510MHz Ant 0	

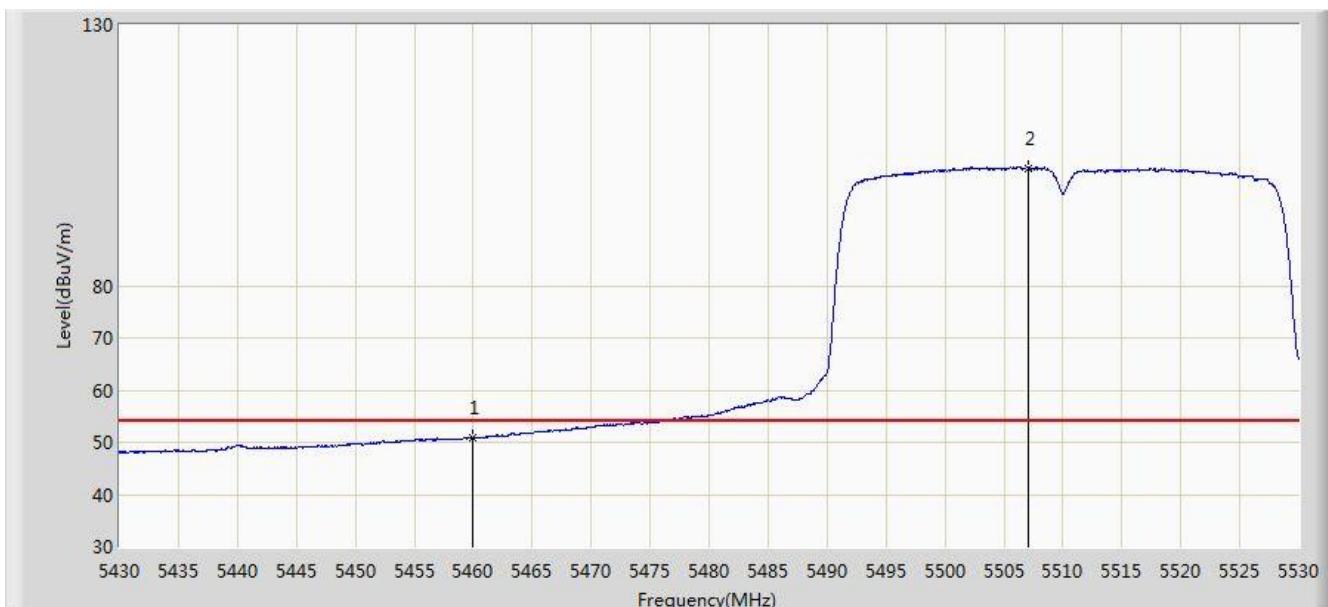


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.550	66.390	62.215	-7.610	74.000	4.176	PK
2			5460.000	62.764	58.584	-11.236	74.000	4.180	PK
3			5462.050	66.223	62.038	-1.977	68.200	4.185	PK
4			5470.000	65.502	61.300	-2.698	68.200	4.202	PK
5	*		5506.700	112.510	108.218	N/A	N/A	4.292	PK

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

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

Site: AC1	Time: 2018/03/22 - 17:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5510MHz Ant 0	

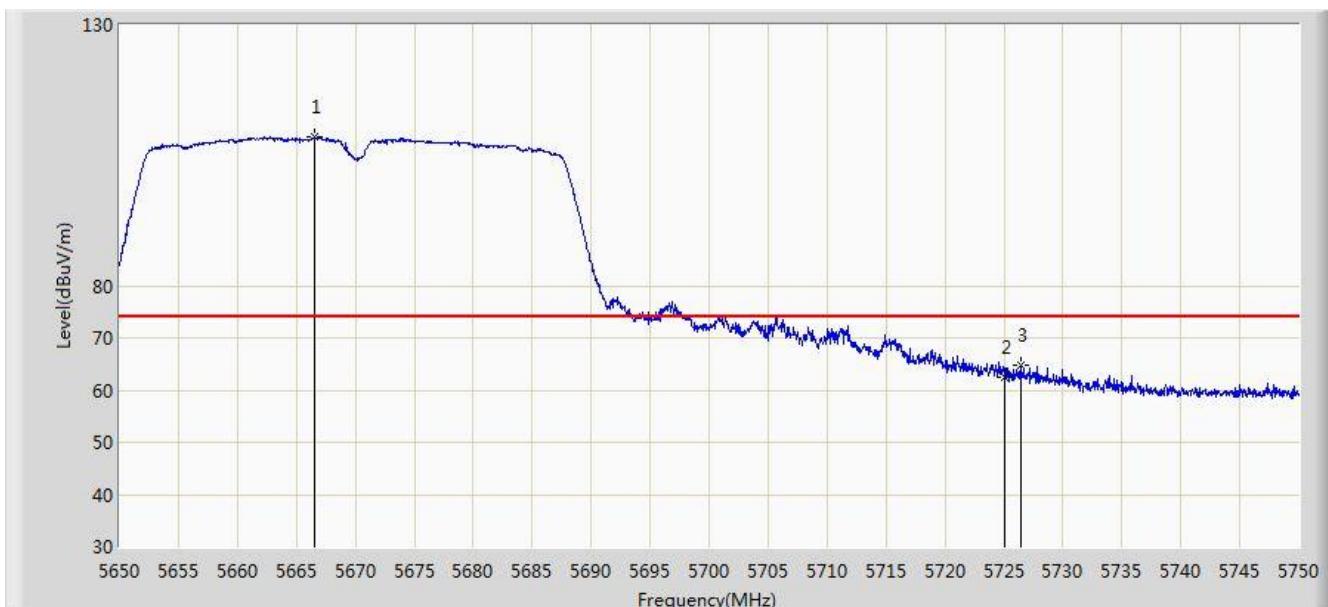


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5460.000	50.913	46.733	-3.087	54.000	4.180	AV
2	*		5507.100	102.522	98.229	N/A	N/A	4.292	AV

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

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

Site: AC1	Time: 2018/03/22 - 00:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5670MHz Ant 0	

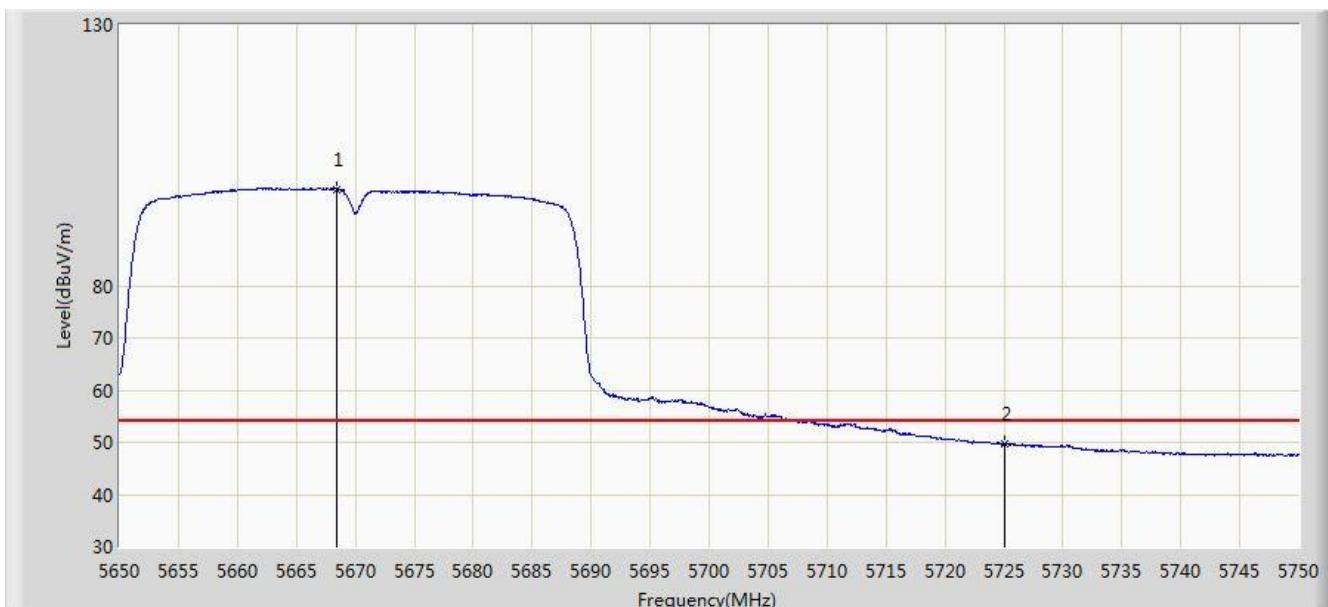


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5666.500	108.422	103.689	N/A	N/A	4.733	PK
2			5725.000	62.492	57.463	-11.508	74.000	5.029	PK
3			5726.400	64.846	59.808	-9.154	74.000	5.038	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5670MHz Ant 0	

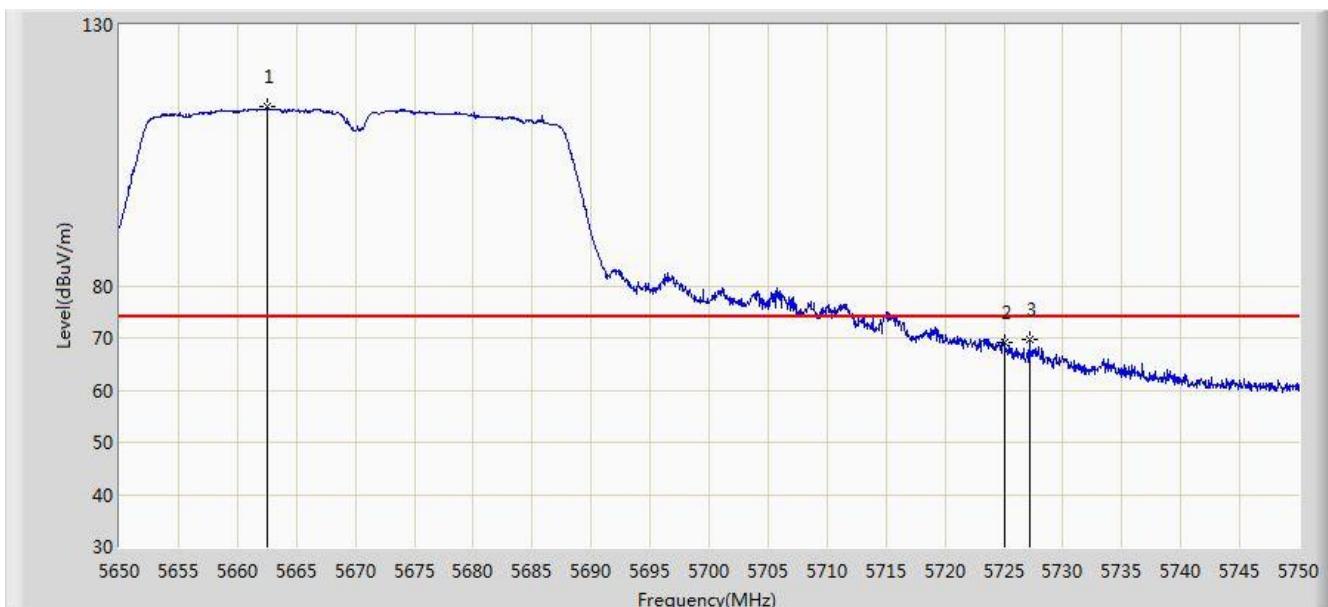


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5668.450	98.511	93.770	N/A	N/A	4.742	AV
2			5725.000	49.638	44.609	-4.362	54.000	5.029	AV

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

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

Site: AC1	Time: 2018/03/22 - 00:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5670MHz Ant 0	

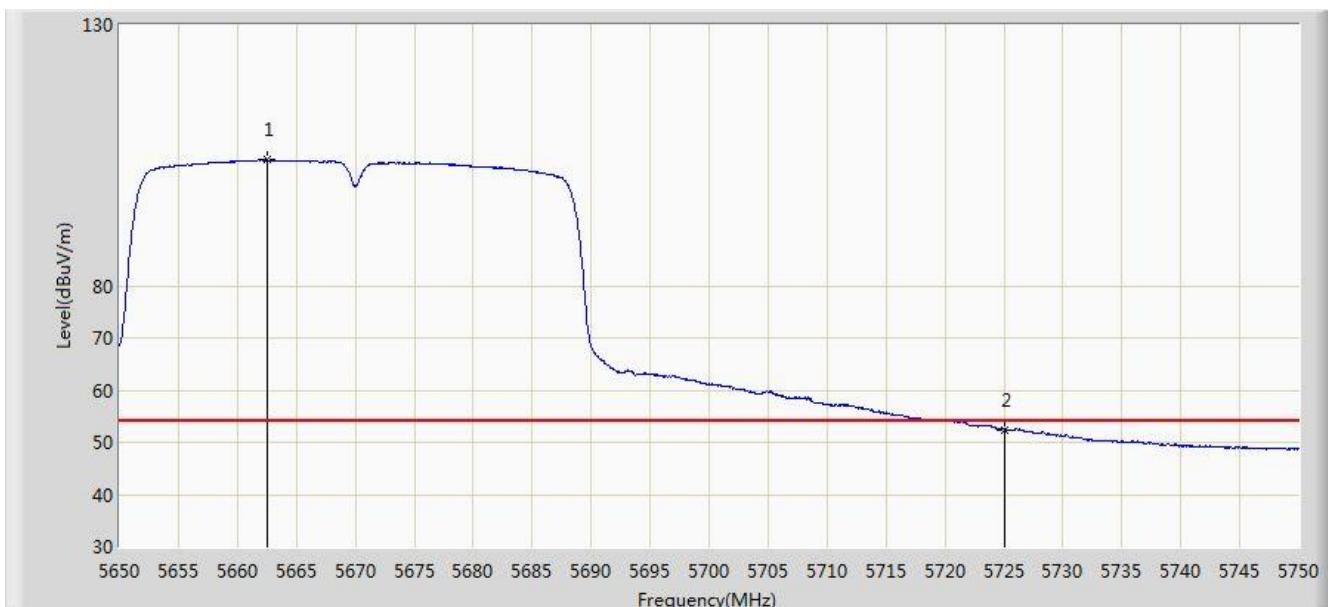


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5662.500	114.388	109.671	N/A	N/A	4.717	PK
2			5725.000	69.154	64.125	-4.846	74.000	5.029	PK
3			5727.200	69.614	64.571	-4.386	74.000	5.044	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Dandy Li
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5670MHz Ant 0	

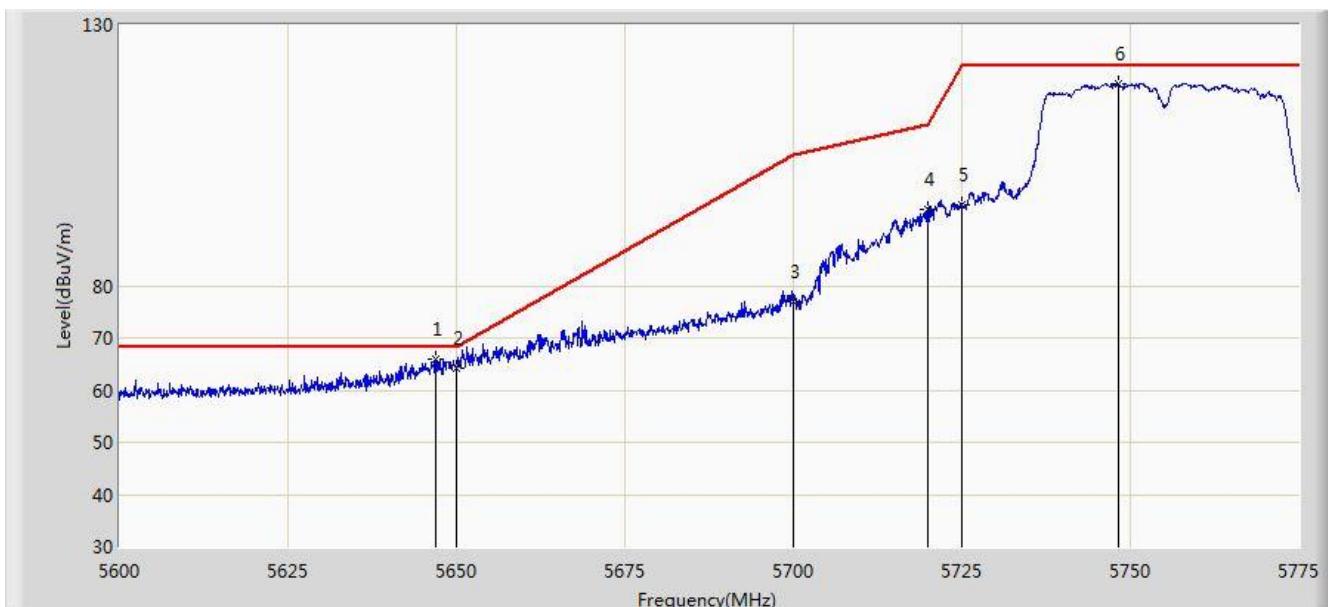


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5662.550	104.139	99.422	N/A	N/A	4.717	AV
2			5725.000	52.448	47.419	-1.552	54.000	5.029	AV

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

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

Site: AC1	Time: 2018/03/22 - 00:38
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz Ant 0	

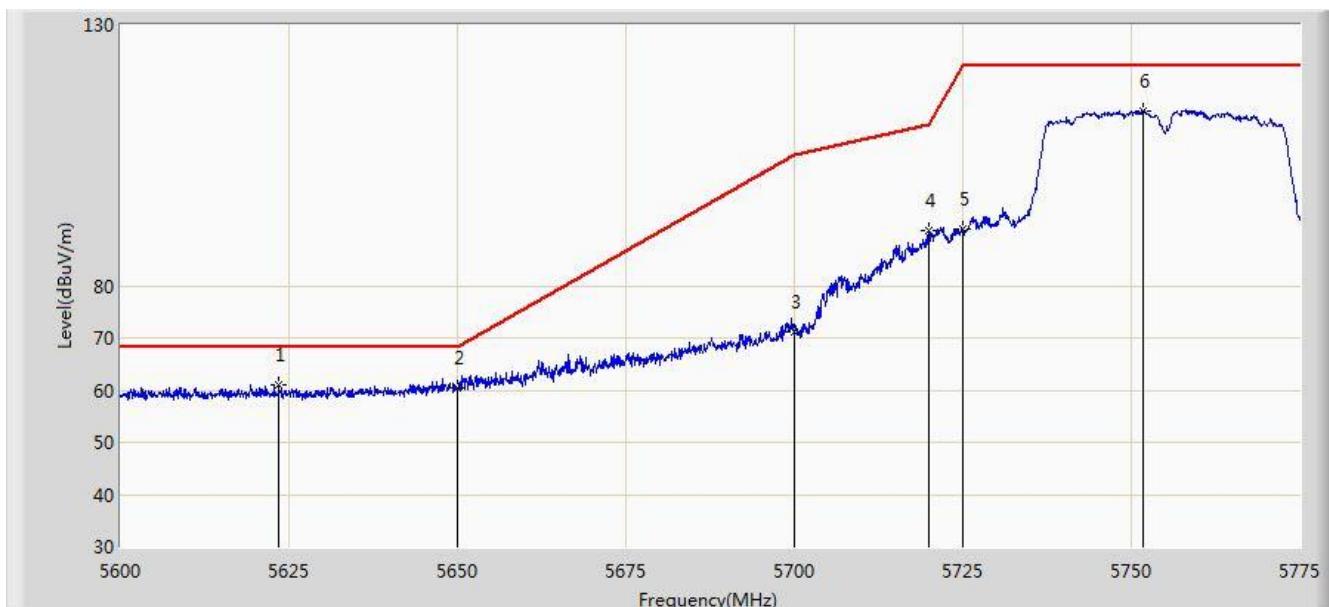


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5646.987	66.045	61.384	-2.155	68.200	4.661	PK
2			5650.000	64.190	59.519	-4.010	68.200	4.671	PK
3			5700.000	76.937	72.059	-28.263	105.200	4.878	PK
4			5720.000	94.720	89.723	-16.080	110.800	4.997	PK
5			5725.000	95.495	90.466	-26.705	122.200	5.029	PK
6			5748.138	118.691	113.518	N/A	N/A	5.173	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:35
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz Ant 0	

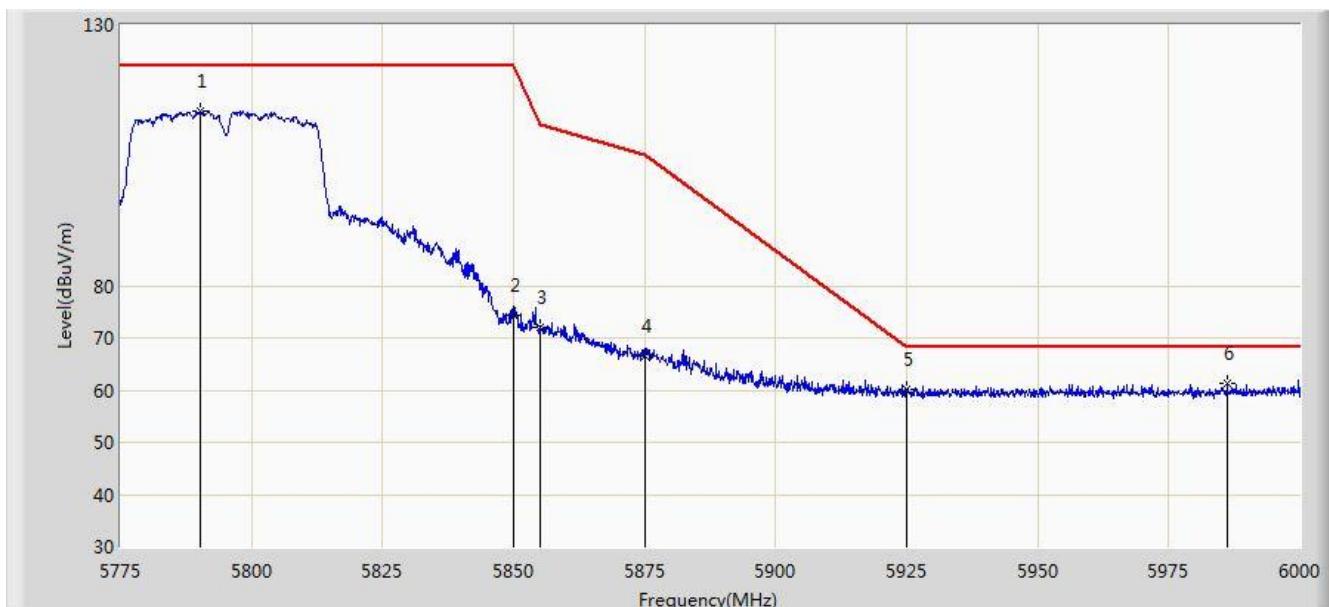


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5623.450	61.021	56.431	-7.179	68.200	4.590	PK
2			5650.000	60.436	55.765	-7.764	68.200	4.671	PK
3			5700.000	71.194	66.316	-34.006	105.200	4.878	PK
4			5720.000	90.444	85.447	-20.356	110.800	4.997	PK
5			5725.000	90.782	85.753	-31.418	122.200	5.029	PK
6			5751.812	113.559	108.365	N/A	N/A	5.194	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:41
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz Ant 0	

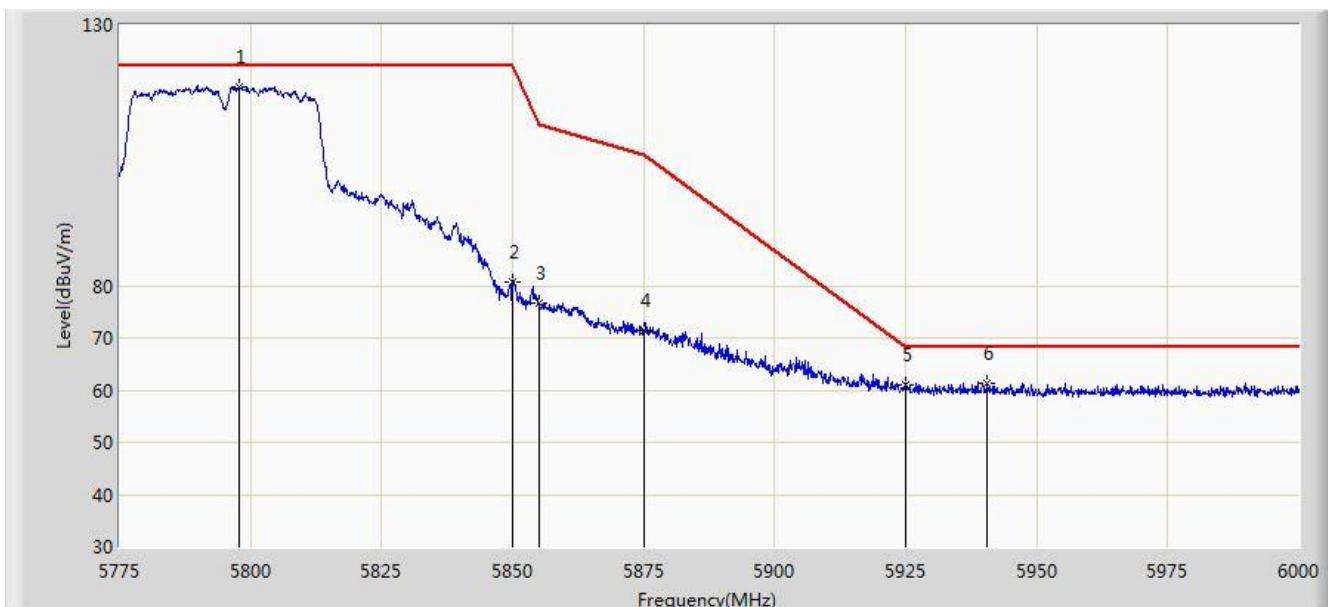


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5790.300	113.485	108.092	N/A	N/A	5.393	PK
2			5850.000	74.269	68.543	-47.931	122.200	5.726	PK
3			5855.000	72.151	66.405	-38.649	110.800	5.746	PK
4			5875.000	66.572	60.752	-38.628	105.200	5.820	PK
5			5925.000	60.049	54.083	-8.151	68.200	5.967	PK
6	*		5986.163	61.291	55.203	-6.909	68.200	6.087	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:40
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz Ant 0	

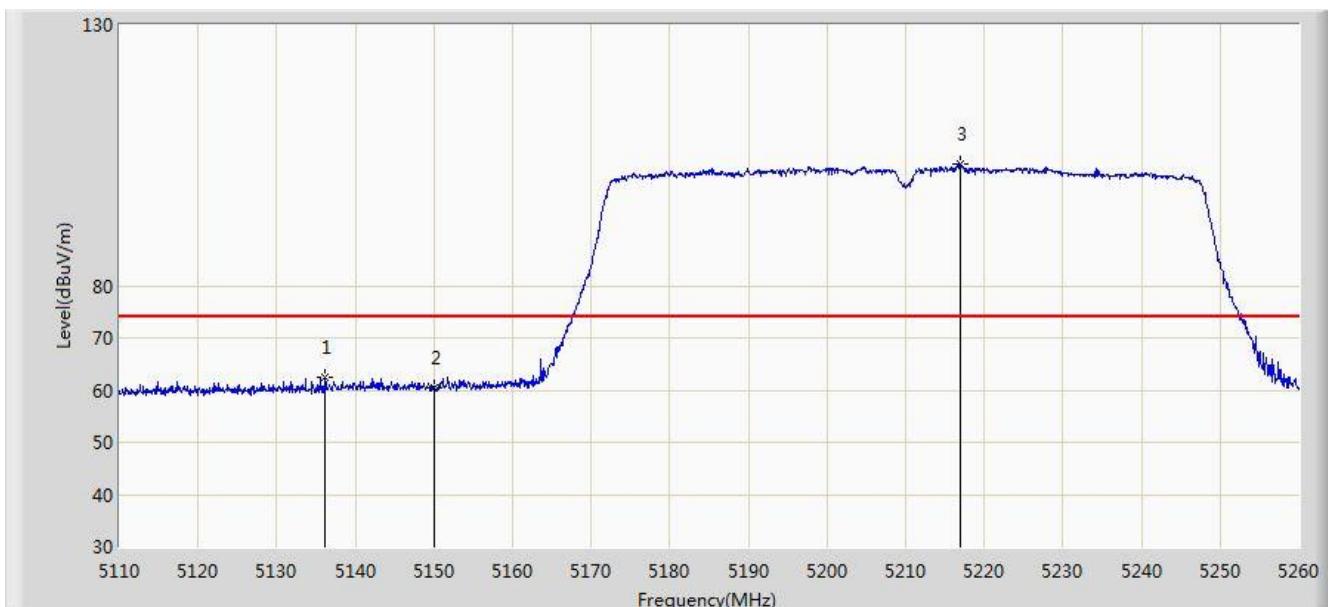


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5797.837	118.255	112.822	N/A	N/A	5.433	PK
2			5850.000	80.836	75.110	-41.364	122.200	5.726	PK
3			5855.000	76.708	70.962	-34.092	110.800	5.746	PK
4			5875.000	71.318	65.498	-33.882	105.200	5.820	PK
5			5925.000	61.095	55.129	-7.105	68.200	5.967	PK
6			5940.487	61.313	55.308	-6.887	68.200	6.005	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0	

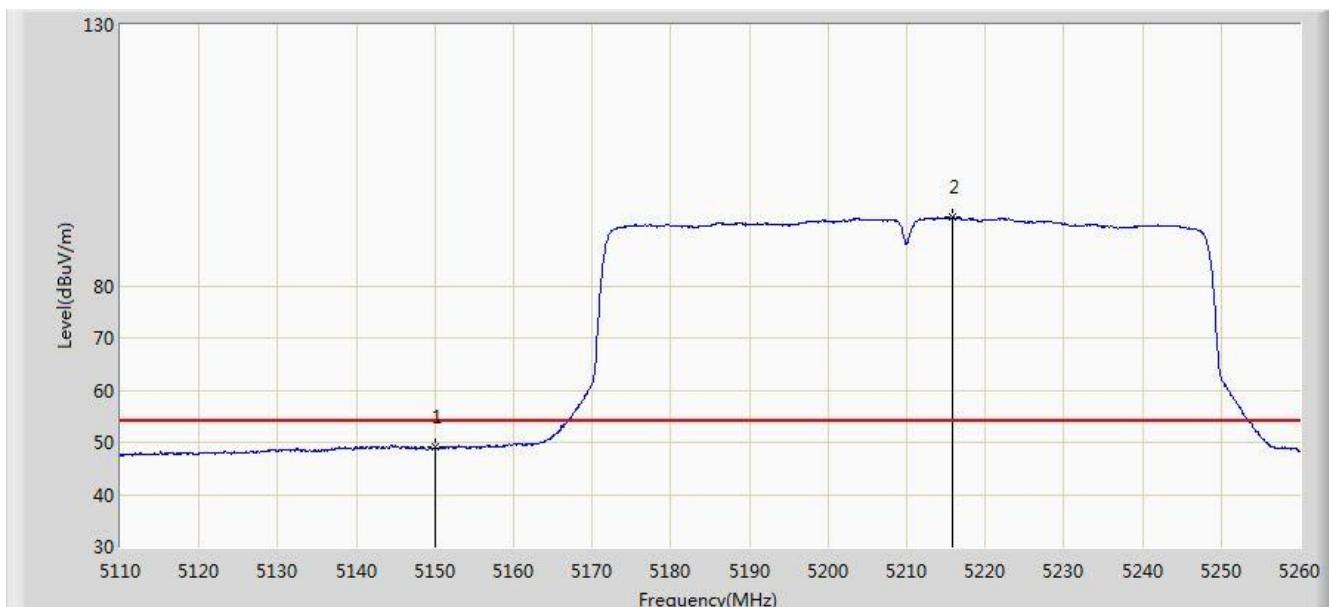


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5136.175	62.321	58.146	-11.679	74.000	4.175	PK
2			5150.000	60.350	56.181	-13.650	74.000	4.170	PK
3		*	5216.875	103.464	99.516	N/A	N/A	3.947	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0	

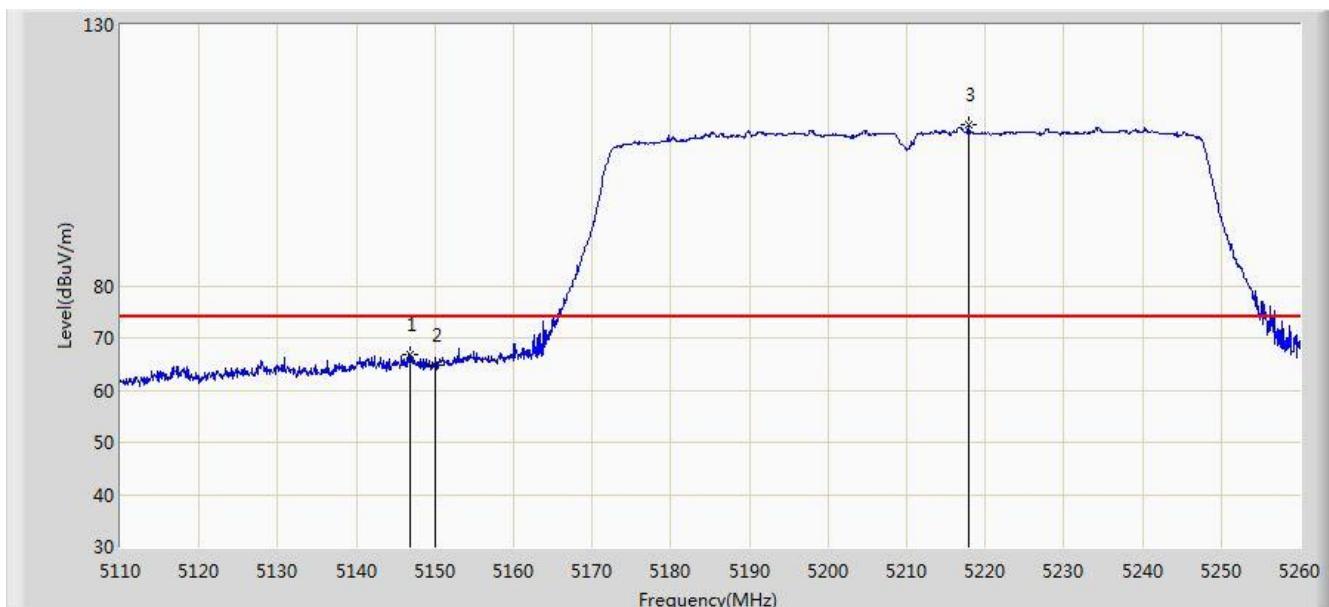


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5150.000	49.001	44.832	-4.999	54.000	4.170	AV
2	*		5215.825	93.210	89.259	N/A	N/A	3.952	AV

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

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

Site: AC1	Time: 2018/03/22 - 00:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0	

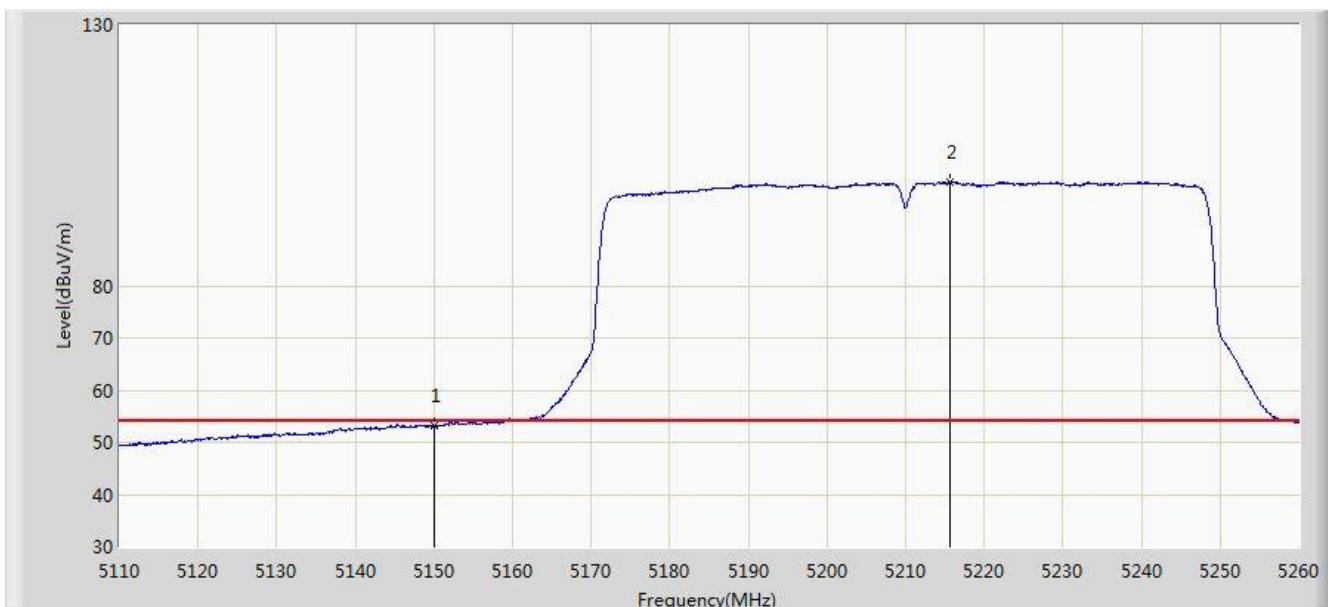


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5146.750	66.911	62.735	-7.089	74.000	4.176	PK
2			5150.000	64.887	60.718	-9.113	74.000	4.170	PK
3		*	5217.925	110.790	106.845	N/A	N/A	3.945	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0	

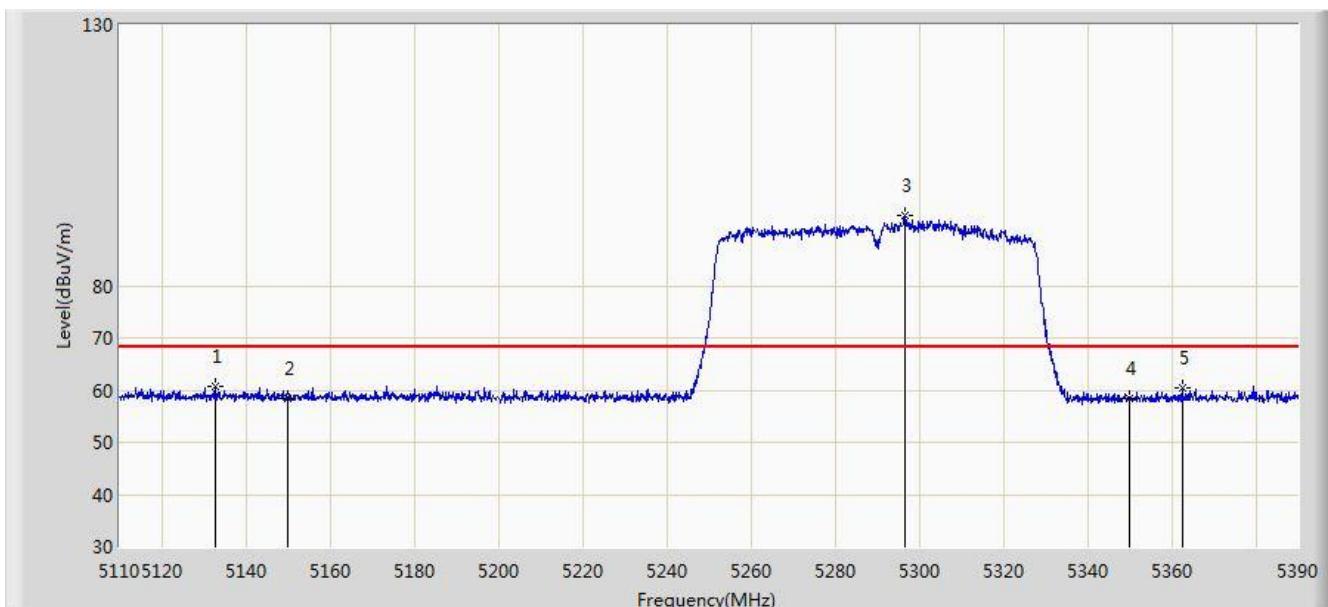


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5150.000	53.248	49.079	-0.752	54.000	4.170	AV
2	*		5215.600	99.935	95.983	N/A	N/A	3.952	AV

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

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

Site: AC1	Time: 2018/04/10 - 02:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 0	

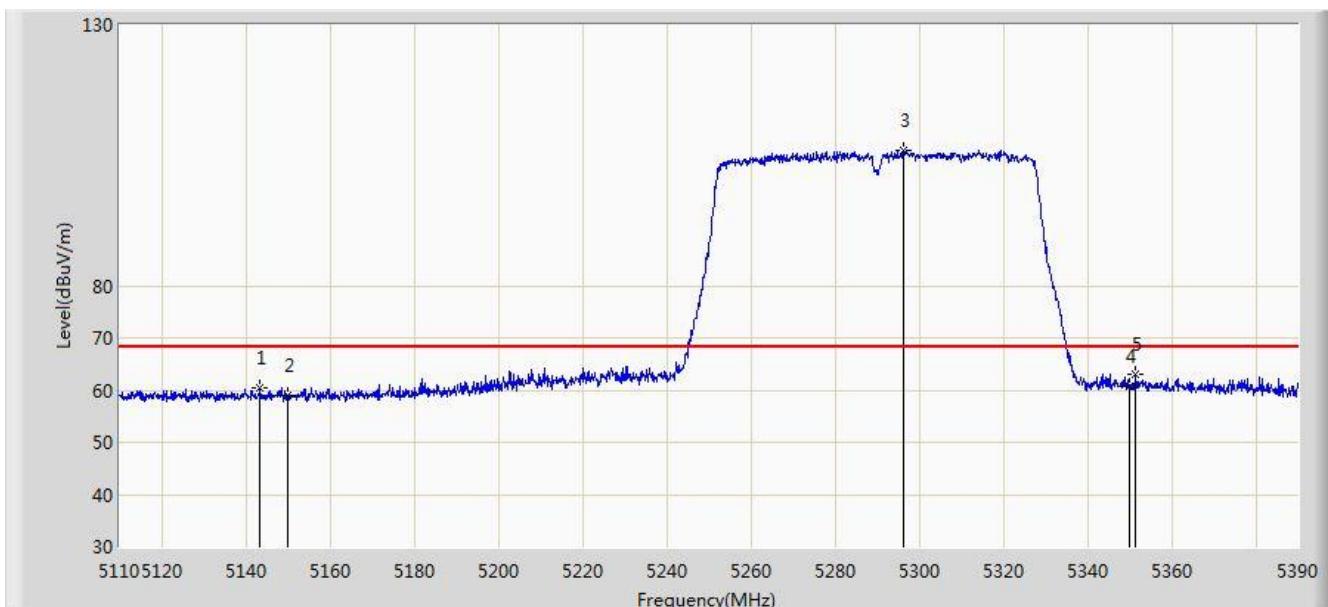


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5132.680	60.782	56.607	-7.418	68.200	4.175	PK
2			5150.000	58.376	54.207	-9.824	68.200	4.170	PK
3		*	5296.620	93.404	89.588	N/A	N/A	3.815	PK
4			5350.000	58.301	54.396	-9.899	68.200	3.904	PK
5			5362.560	60.530	56.603	-7.670	68.200	3.928	PK

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

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

Site: AC1	Time: 2018/04/10 - 03:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz Ant 0	

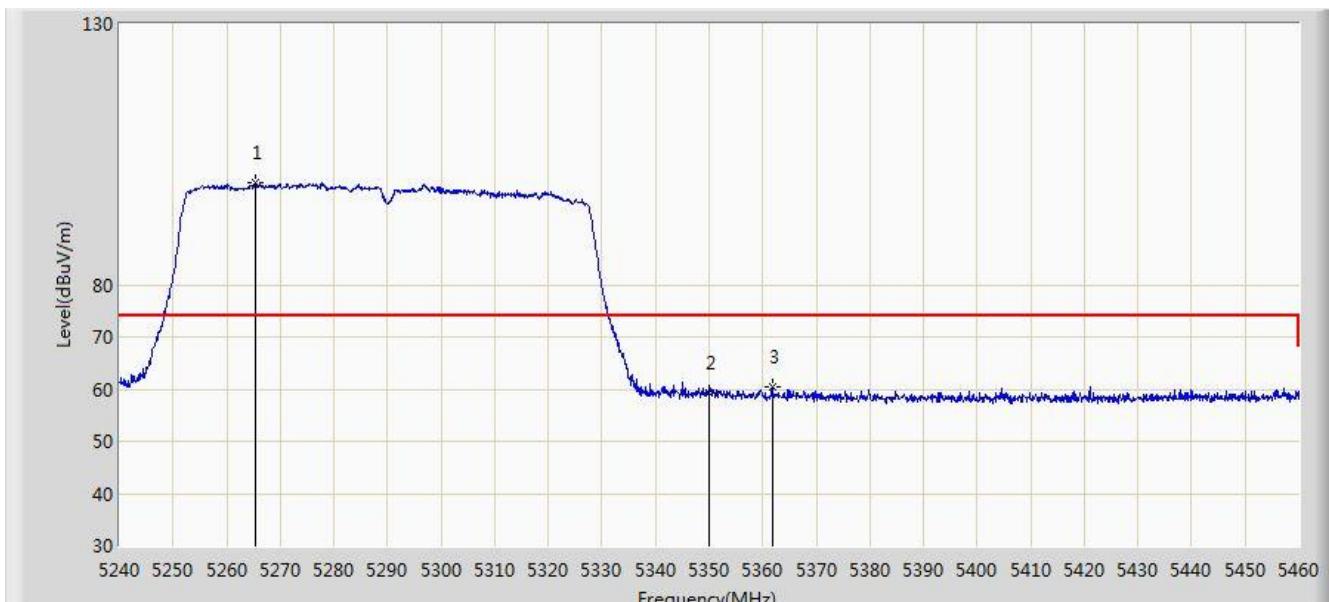


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5143.460	60.500	56.324	-7.700	68.200	4.175	PK
2			5150.000	58.971	54.802	-9.229	68.200	4.170	PK
3		*	5296.480	105.954	102.138	N/A	N/A	3.816	PK
4			5350.000	60.838	56.933	-7.362	68.200	3.904	PK
5			5351.500	62.923	59.016	-5.277	68.200	3.908	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5290MHz Ant 0	

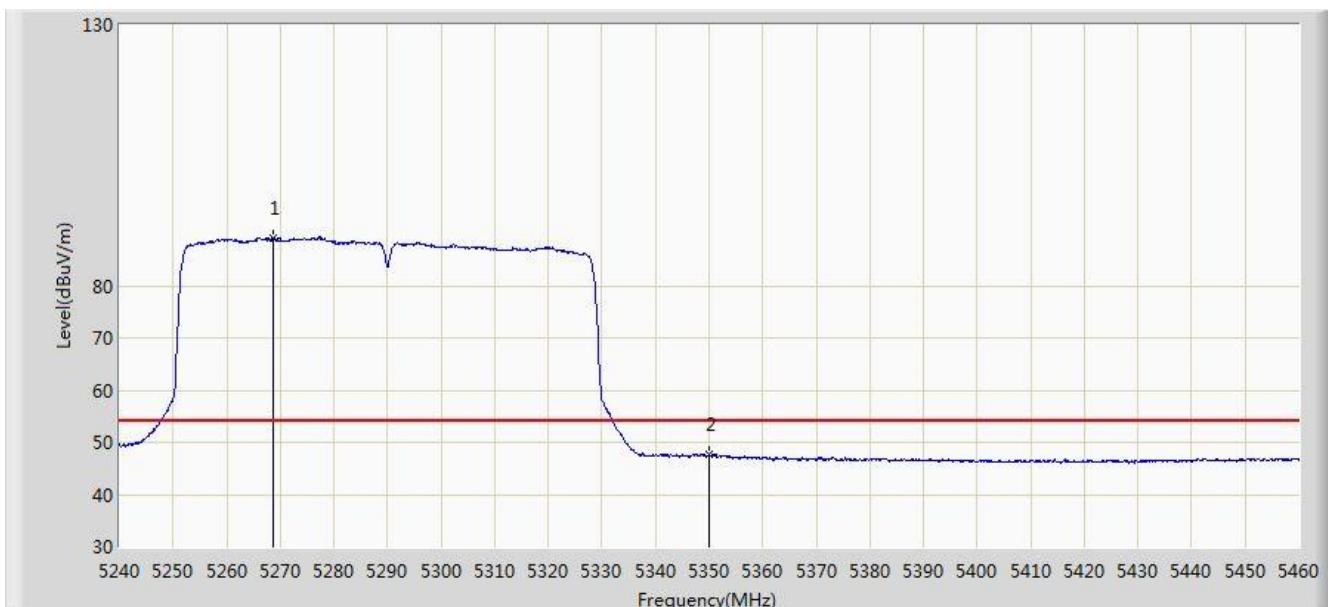


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*		5265.300	99.624	95.785	N/A	N/A	3.839	PK
2			5350.000	59.209	55.304	-14.791	74.000	3.904	PK
3			5361.770	60.325	56.399	-13.675	74.000	3.926	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5290MHz Ant 0	

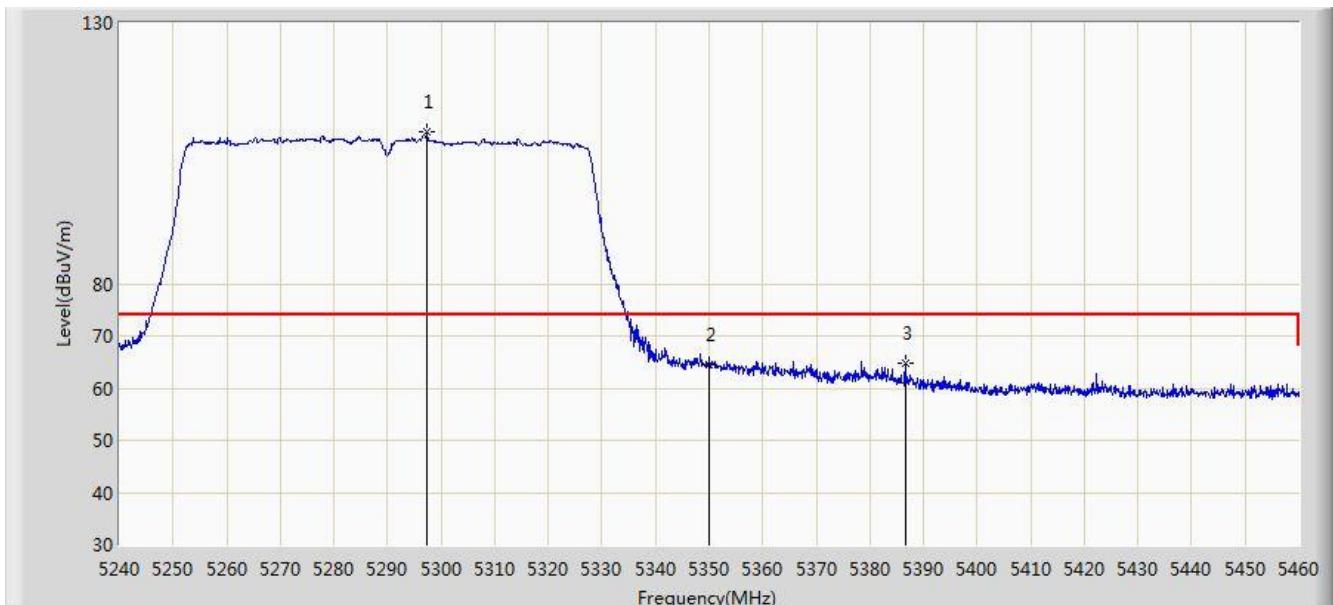


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5268.710	89.226	85.390	N/A	N/A	3.837	AV
2			5350.000	47.553	43.648	-6.447	54.000	3.904	AV

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

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

Site: AC1	Time: 2018/03/22 - 00:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5290MHz Ant 0	

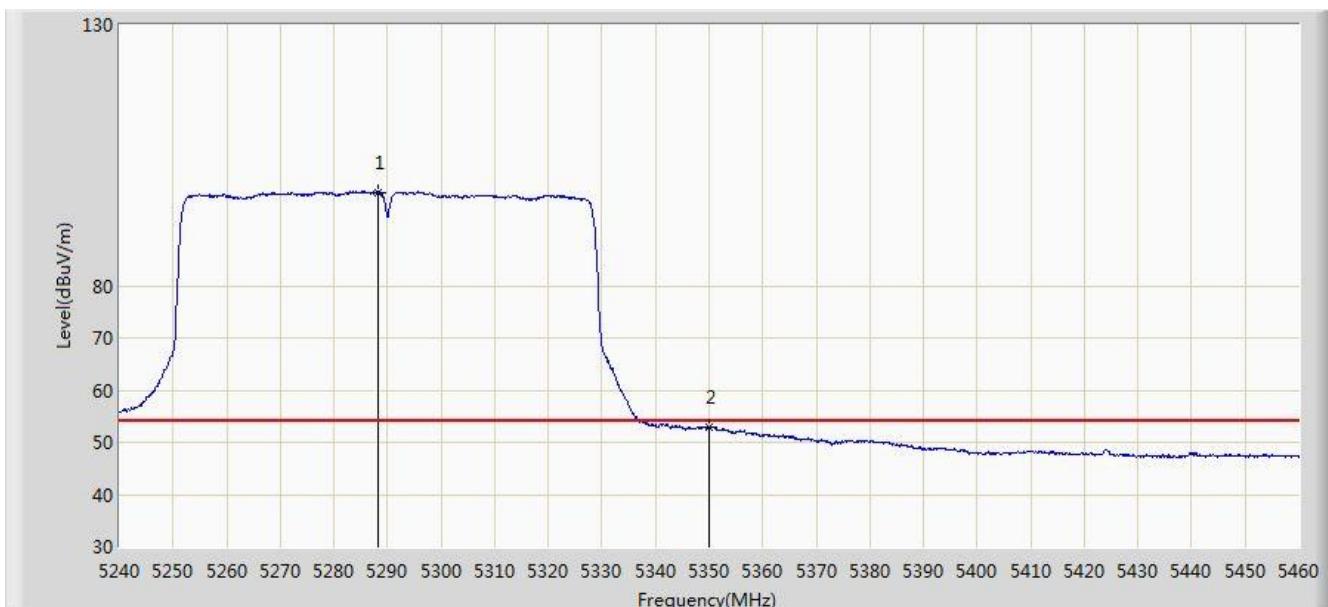


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5297.420	109.153	105.338	N/A	N/A	3.816	PK
2			5350.000	64.380	60.475	-9.620	74.000	3.904	PK
3			5386.630	64.644	60.672	-9.356	74.000	3.972	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5290MHz Ant 0	

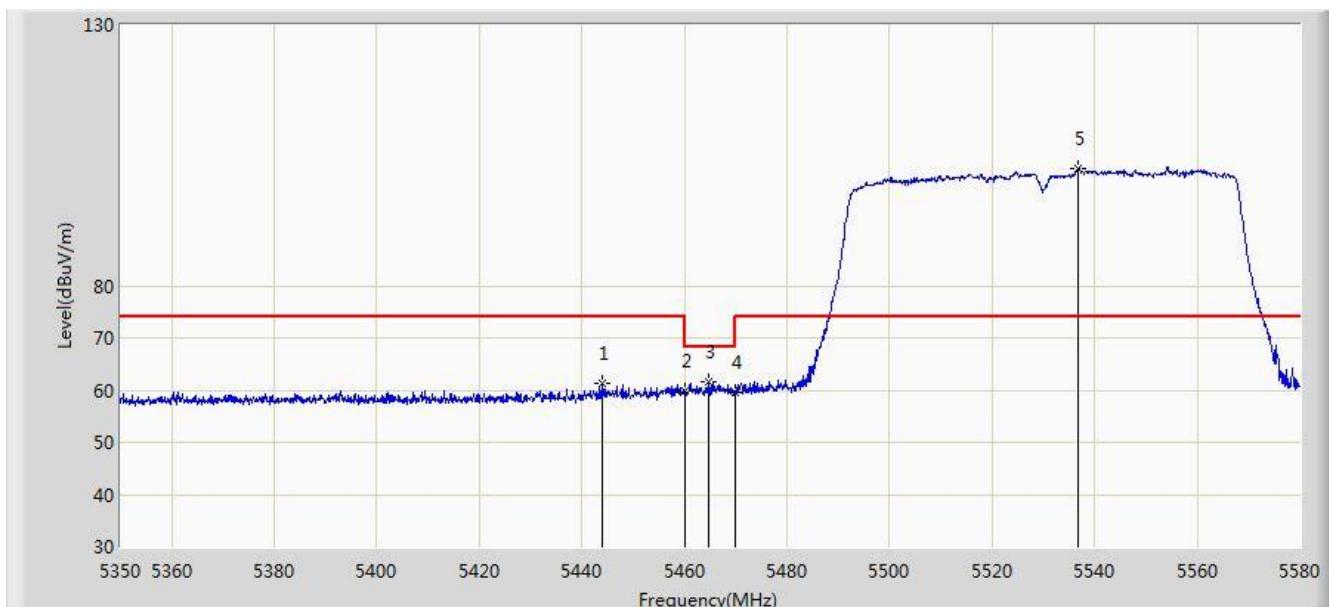


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5288.180	97.869	94.048	N/A	N/A	3.822	AV
2			5350.000	53.031	49.126	-0.969	54.000	3.904	AV

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

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

Site: AC1	Time: 2018/03/22 - 00:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5530MHz Ant 0	

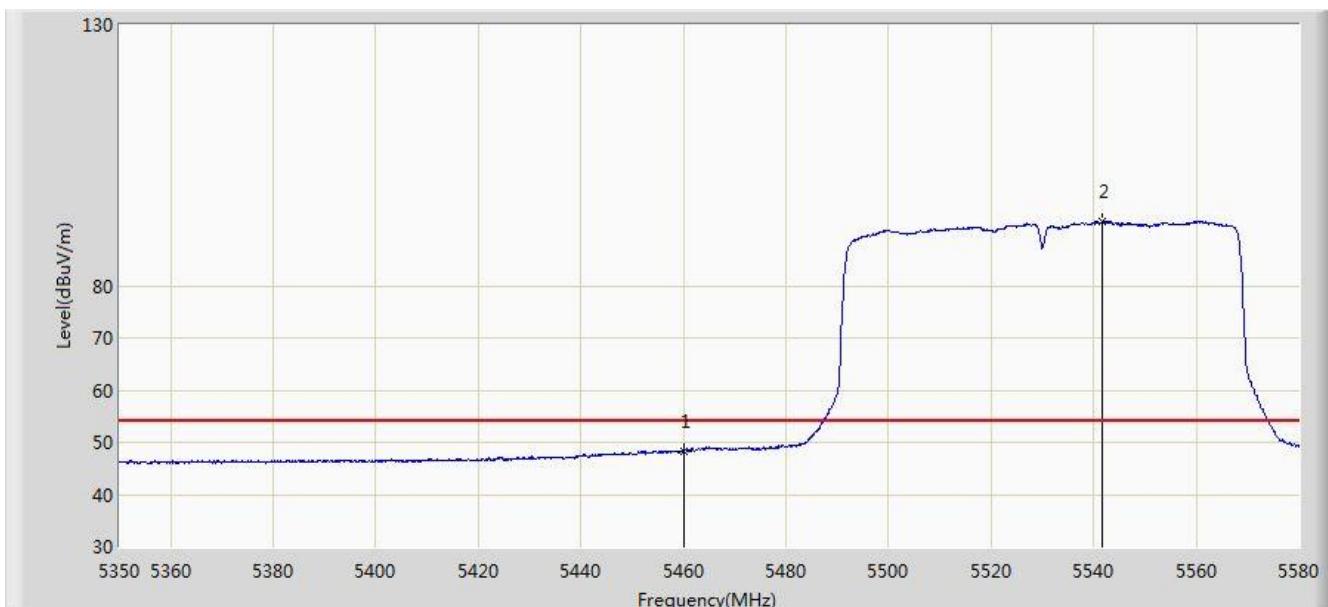


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5444.070	61.269	57.133	-12.731	74.000	4.137	PK
2			5460.000	59.808	55.628	-14.192	74.000	4.180	PK
3			5464.770	61.656	57.465	-6.544	68.200	4.191	PK
4			5470.000	59.484	55.282	-8.716	68.200	4.202	PK
5	*		5536.760	102.603	98.221	N/A	N/A	4.382	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5530MHz Ant 0	

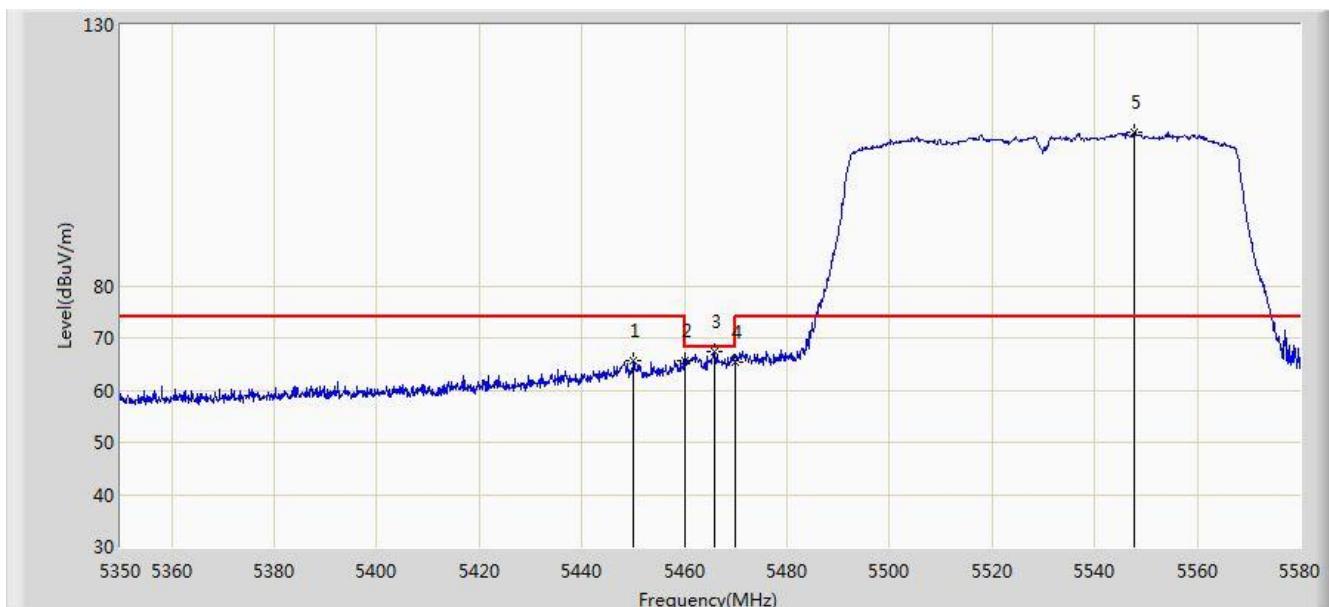


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5460.000	48.374	44.194	-5.626	54.000	4.180	AV
2	*		5541.590	92.313	87.918	N/A	N/A	4.396	AV

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

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

Site: AC1	Time: 2018/03/22 - 00:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5530MHz Ant 0	

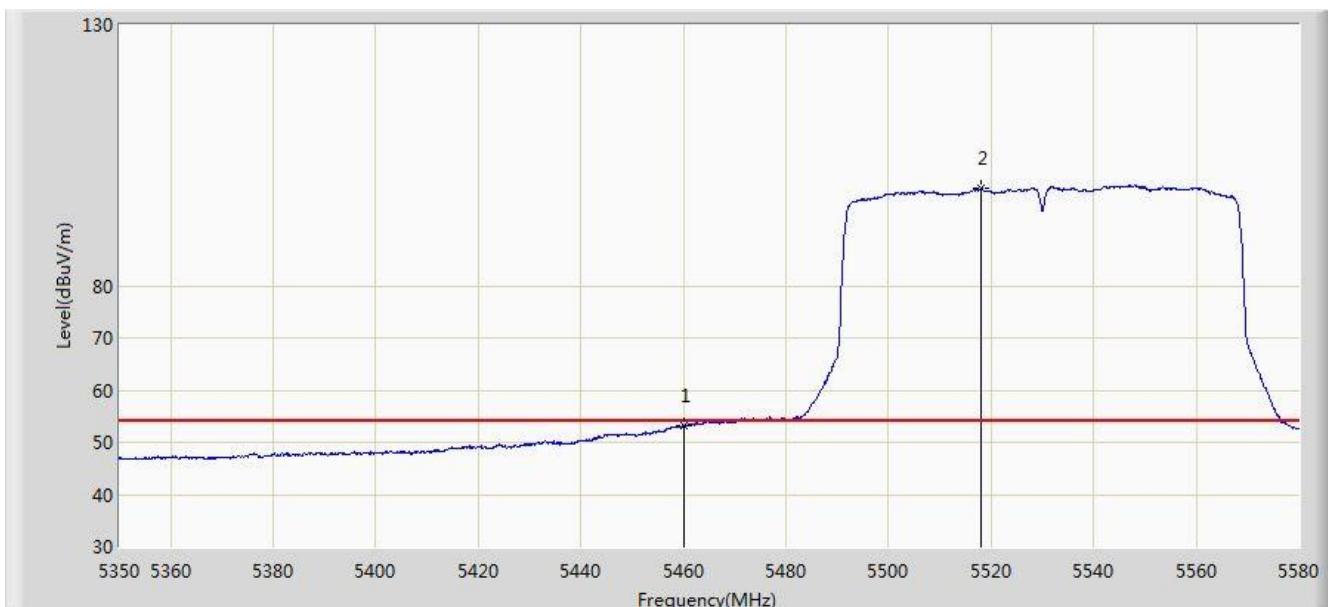


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5450.050	65.753	61.598	-8.247	74.000	4.155	PK
2			5460.000	65.709	61.529	-8.291	74.000	4.180	PK
3			5465.920	67.275	63.082	-0.925	68.200	4.193	PK
4			5470.000	65.507	61.305	-2.693	68.200	4.202	PK
5	*		5547.800	109.392	104.980	N/A	N/A	4.411	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5530MHz Ant 0	

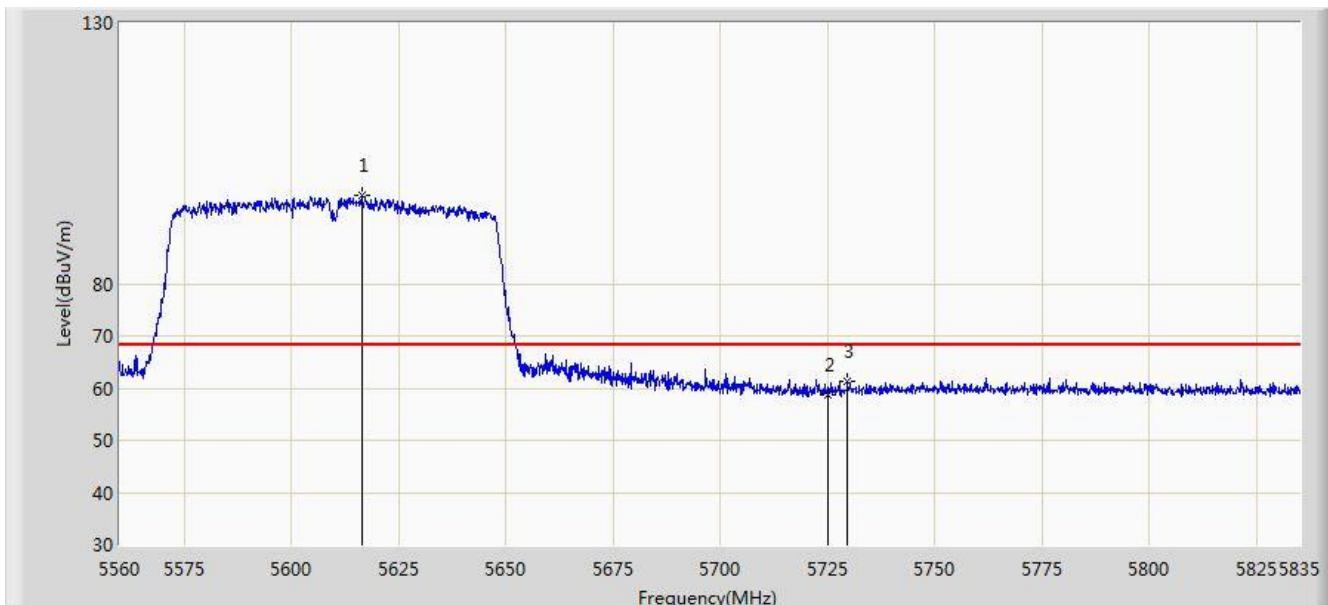


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5460.000	53.176	48.996	-0.824	54.000	4.180	AV
2	*	*	5518.015	98.574	94.249	N/A	N/A	4.325	AV

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

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

Site: AC1	Time: 2018/04/10 - 03:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5610MHz Ant 0	

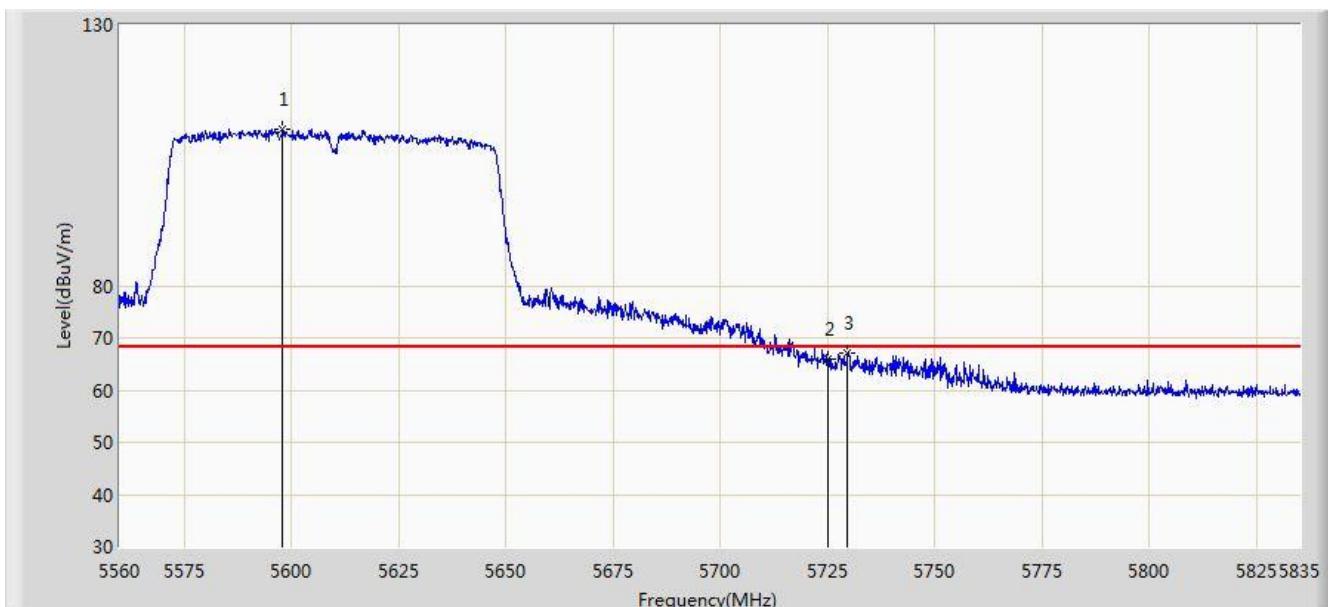


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5616.650	96.817	92.246	N/A	N/A	4.572	PK
2			5725.000	58.729	53.700	-9.471	68.200	5.029	PK
3			5729.538	61.246	56.188	-6.954	68.200	5.058	PK

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

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

Site: AC1	Time: 2018/04/10 - 03:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5610MHz Ant 0	

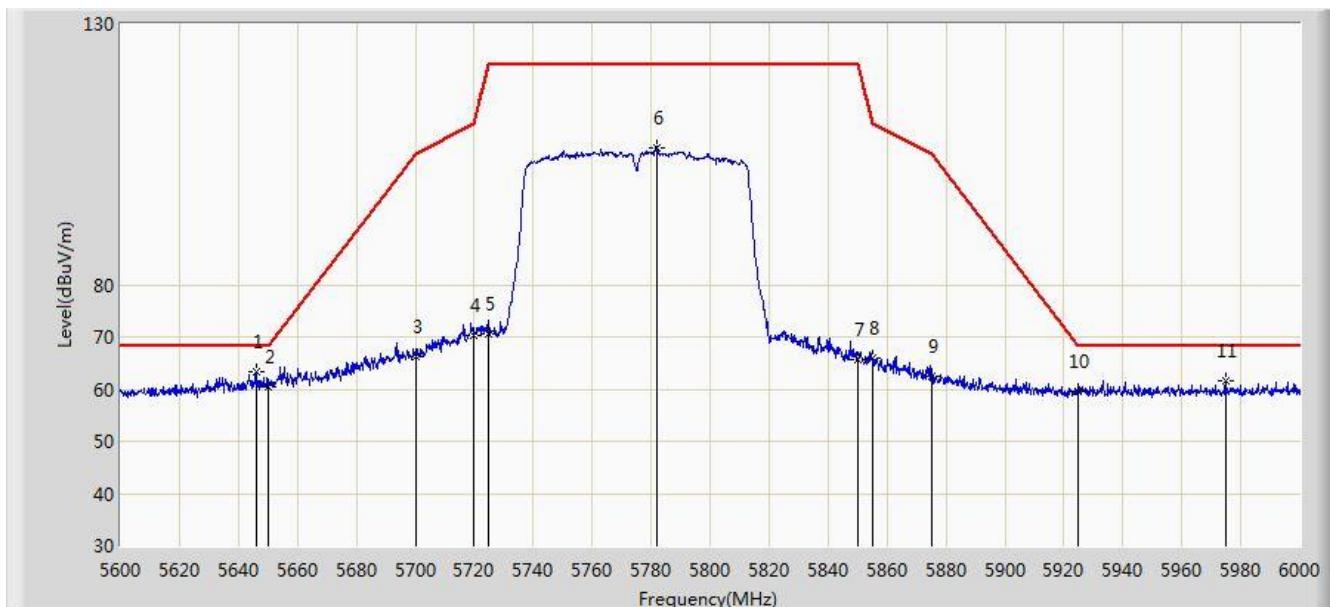


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5597.950	110.002	105.480	N/A	N/A	4.522	PK
2			5725.000	66.050	61.021	-2.150	68.200	5.029	PK
3			5729.675	67.191	62.132	-1.009	68.200	5.059	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:57
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz Ant 0	

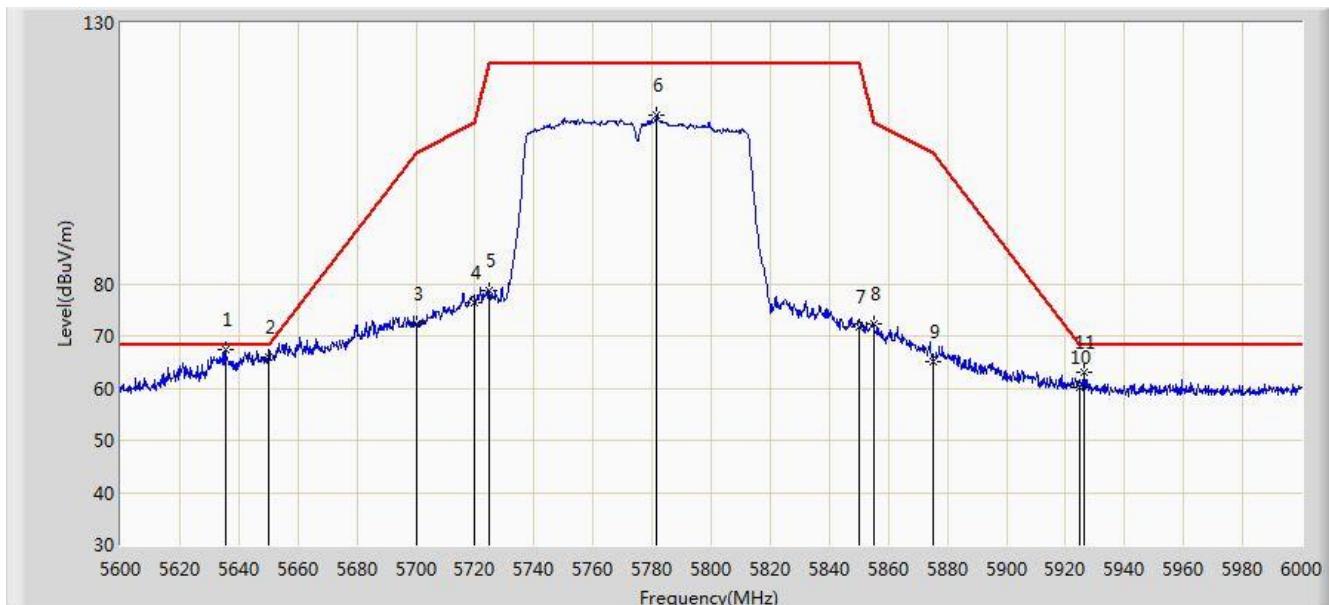


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1	*		5646.000	63.272	58.614	-4.928	68.200	4.657	PK
2			5650.000	60.579	55.908	-7.621	68.200	4.671	PK
3			5700.000	66.279	61.401	-38.921	105.200	4.878	PK
4			5720.000	70.328	65.331	-40.472	110.800	4.997	PK
5			5725.000	70.501	65.472	-51.699	122.200	5.029	PK
6			5782.000	106.286	100.934	N/A	N/A	5.351	PK
7			5850.000	65.553	59.827	-56.647	122.200	5.726	PK
8			5855.000	66.020	60.274	-44.780	110.800	5.746	PK
9			5875.000	62.337	56.517	-42.863	105.200	5.820	PK
10			5925.000	59.600	53.634	-8.600	68.200	5.967	PK
11			5975.000	61.576	55.507	-6.624	68.200	6.069	PK

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

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

Site: AC1	Time: 2018/03/22 - 00:56
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz Ant 0	

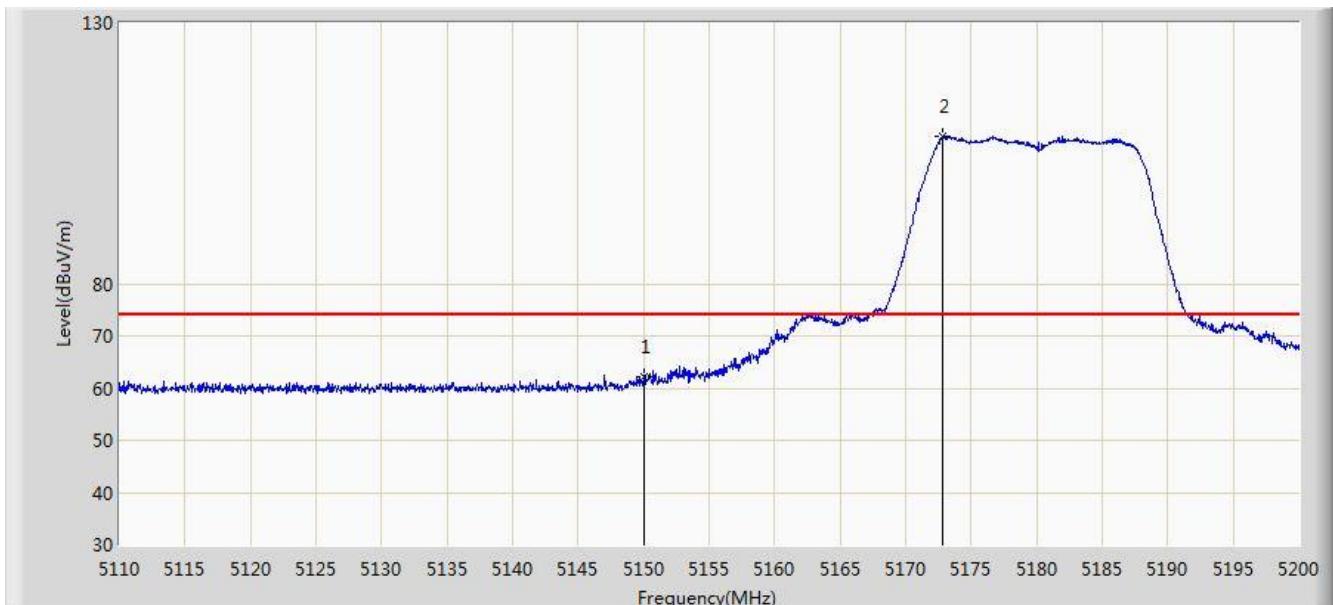


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5635.600	67.364	62.739	-0.836	68.200	4.625	PK
2			5650.000	66.079	61.408	-2.121	68.200	4.671	PK
3			5700.000	72.458	67.580	-32.742	105.200	4.878	PK
4			5720.000	76.475	71.478	-34.325	110.800	4.997	PK
5			5725.000	78.583	73.554	-43.617	122.200	5.029	PK
6			5781.600	112.210	106.860	N/A	N/A	5.350	PK
7			5850.000	71.719	65.993	-50.481	122.200	5.726	PK
8			5855.000	72.210	66.464	-38.590	110.800	5.746	PK
9			5875.000	64.971	59.151	-40.229	105.200	5.820	PK
10			5925.000	60.215	54.249	-7.985	68.200	5.967	PK
11			5926.400	62.950	56.980	-5.250	68.200	5.970	PK

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

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

Site: AC1	Time: 2018/03/22 - 01:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 1	

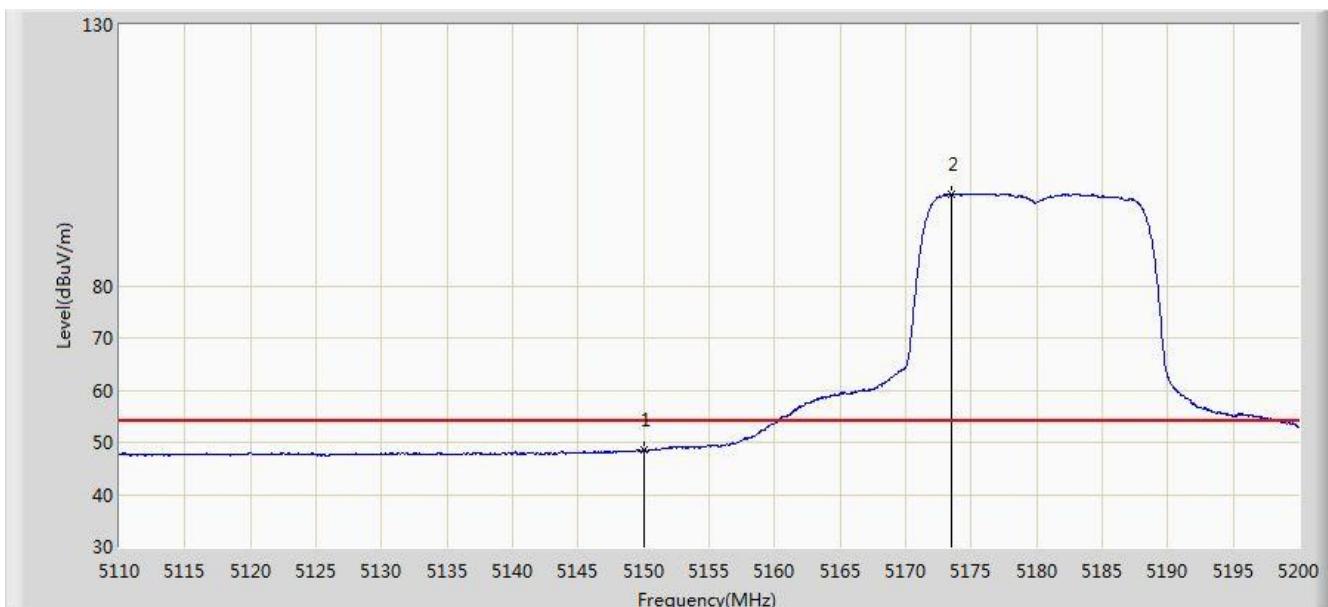


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5150.000	62.133	57.964	-11.867	74.000	4.170	PK
2	*		5172.865	108.136	104.042	N/A	N/A	4.094	PK

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

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

Site: AC1	Time: 2018/03/22 - 01:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1			5150.000	48.409	44.240	-5.591	54.000	4.170	AV
2	*		5173.495	97.620	93.528	N/A	N/A	4.092	AV

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

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

Site: AC1	Time: 2018/03/22 - 01:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 1	

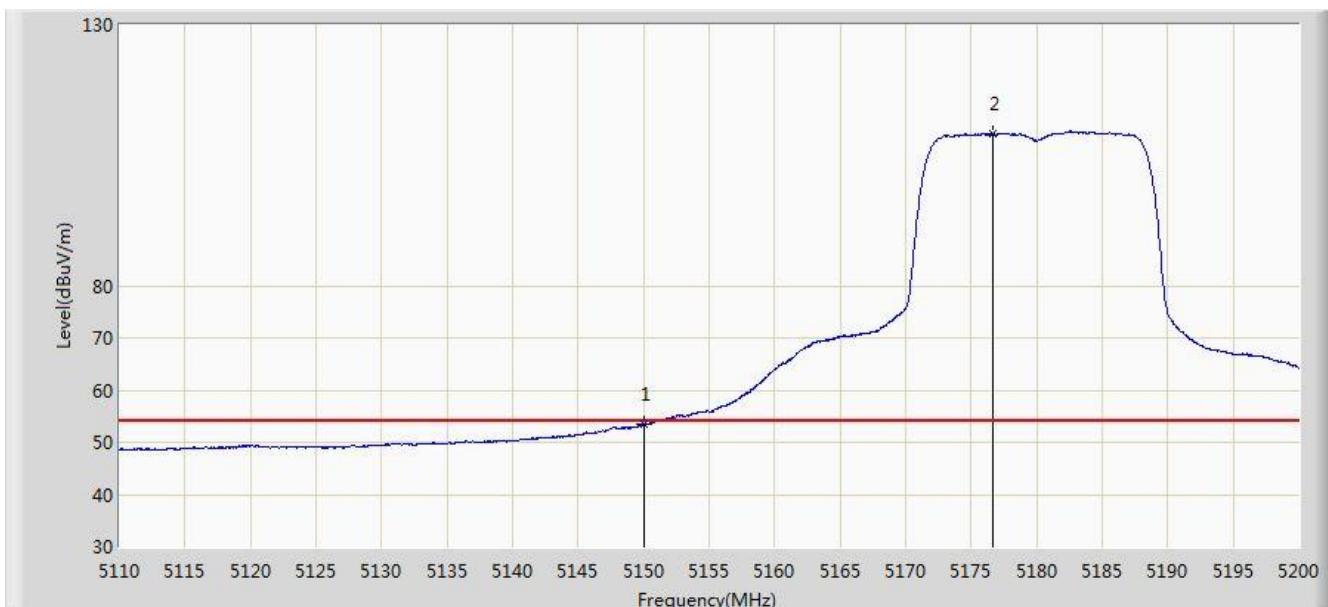


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5150.000	71.297	67.128	-2.703	74.000	4.170	PK
2	*	*	5182.315	121.176	117.115	N/A	N/A	4.060	PK

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

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

Site: AC1	Time: 2018/03/22 - 01:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 1	

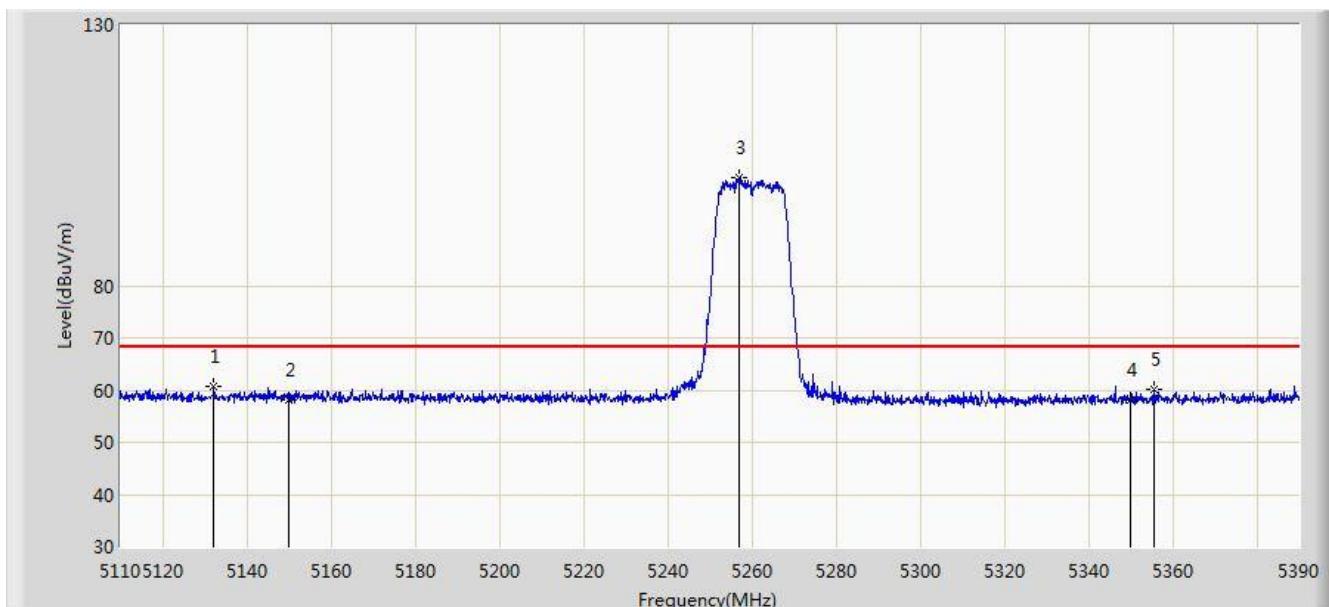


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5150.000	53.378	49.209	-0.622	54.000	4.170	AV
2	X	*	5176.600	109.039	104.958	N/A	N/A	4.080	AV

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

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

Site: AC1	Time: 2018/04/10 - 03:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5260MHz Ant 1	

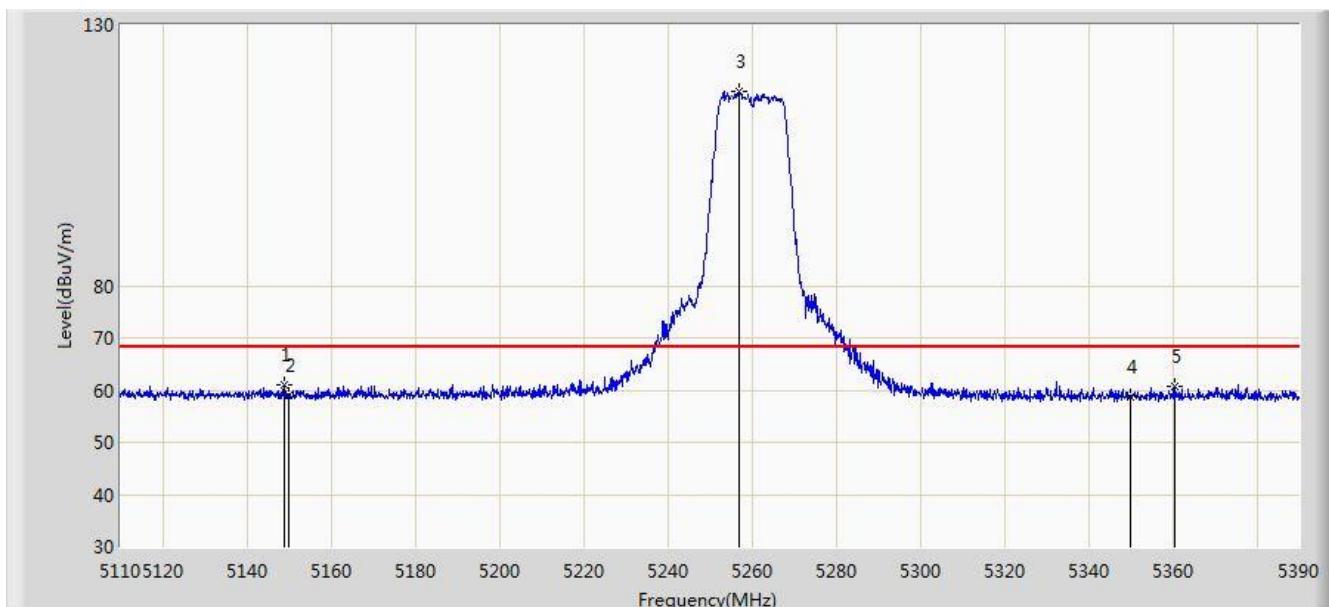


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5132.120	60.586	56.411	-7.614	68.200	4.175	PK
2			5150.000	58.041	53.872	-10.159	68.200	4.170	PK
3	*		5256.860	100.673	96.828	N/A	N/A	3.845	PK
4			5350.000	58.001	54.096	-10.199	68.200	3.904	PK
5			5355.700	60.009	56.094	-8.191	68.200	3.915	PK

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

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

Site: AC1	Time: 2018/04/10 - 03:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5260MHz Ant 1	

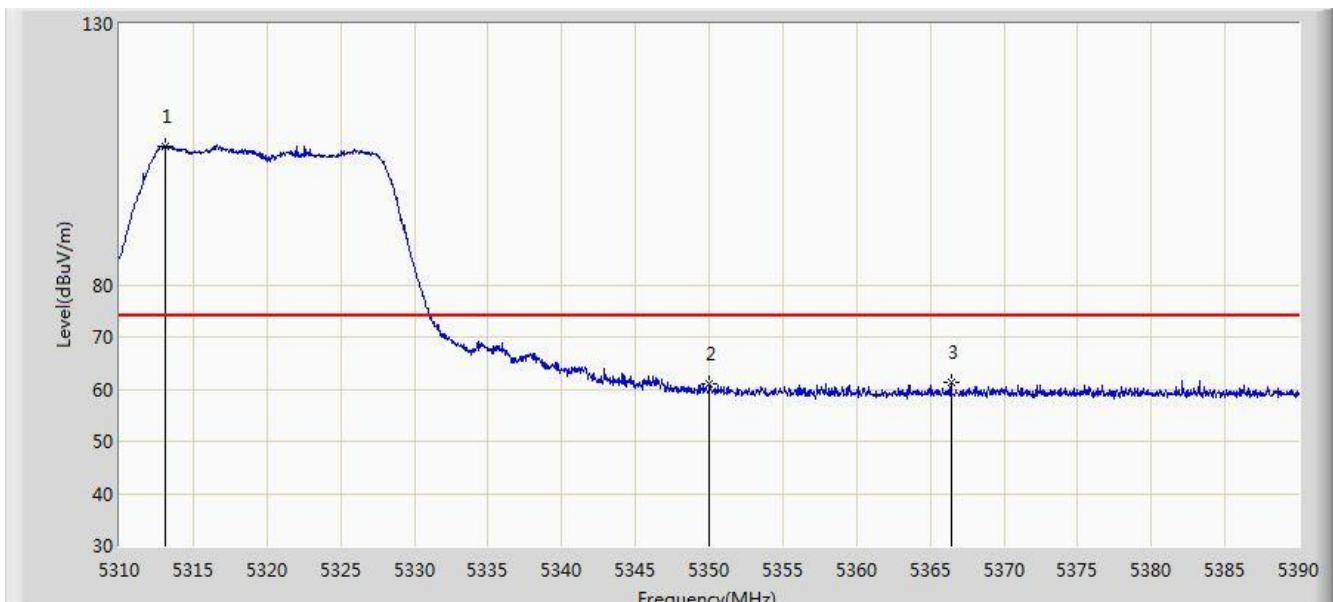


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.060	61.125	56.953	-7.075	68.200	4.173	PK
2			5150.000	58.975	54.806	-9.225	68.200	4.170	PK
3	*		5257.000	117.163	113.318	N/A	N/A	3.845	PK
4			5350.000	58.683	54.778	-9.517	68.200	3.904	PK
5			5360.600	60.727	56.803	-7.473	68.200	3.924	PK

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

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

Site: AC1	Time: 2018/03/22 - 01:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz Ant 1	

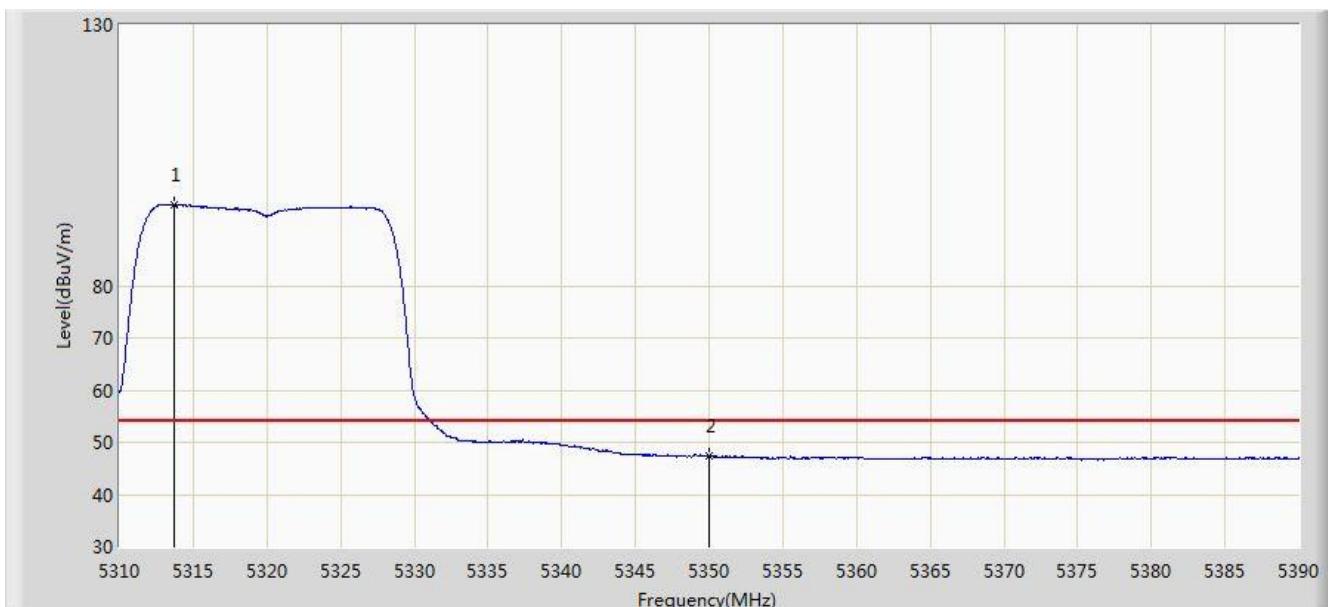


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*		5313.080	106.576	102.740	N/A	N/A	3.836	PK
2			5350.000	60.940	57.035	-13.060	74.000	3.904	PK
3			5366.400	61.239	57.305	-12.761	74.000	3.934	PK

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

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

Site: AC1	Time: 2018/03/22 - 01:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz Ant 1	

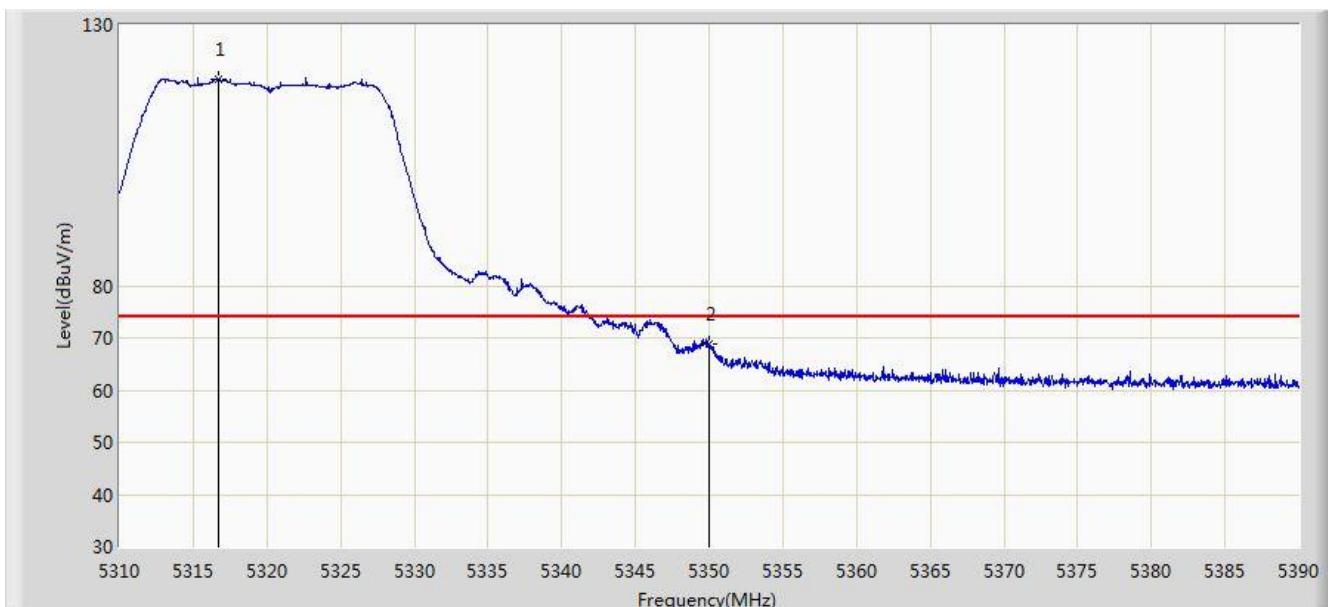


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5313.680	95.611	91.774	N/A	N/A	3.836	AV
2			5350.000	47.344	43.439	-6.656	54.000	3.904	AV

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

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

Site: AC1	Time: 2018/03/22 - 01:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz Ant 1	

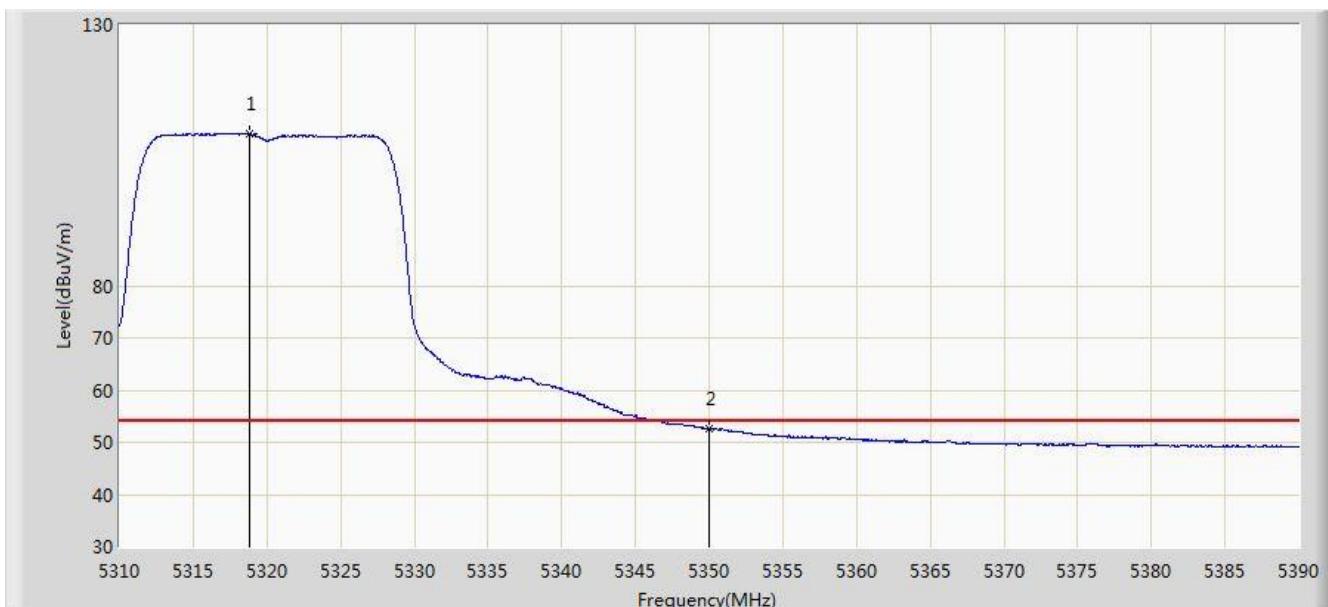


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5316.680	119.680	115.838	N/A	N/A	3.843	PK
2			5350.000	68.959	65.054	-5.041	74.000	3.904	PK

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

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

Site: AC1	Time: 2018/03/22 - 01:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5320MHz Ant 1	

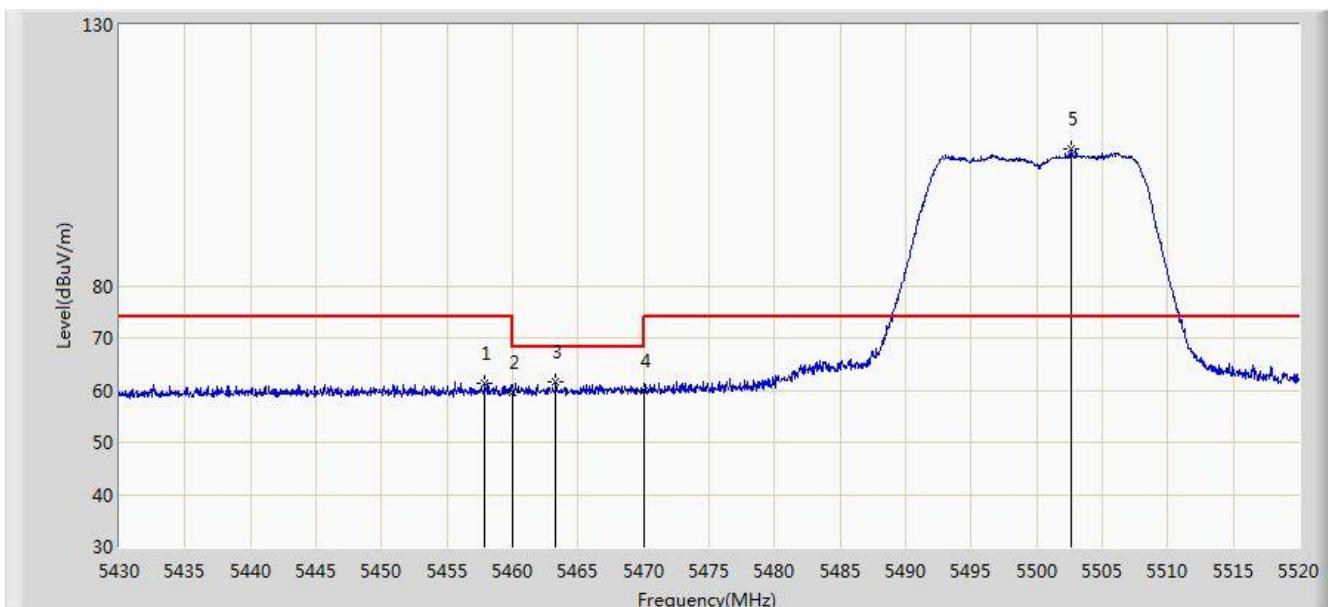


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5318.800	109.070	105.224	N/A	N/A	3.846	AV
2			5350.000	52.643	48.738	-1.357	54.000	3.904	AV

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

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

Site: AC1	Time: 2018/03/22 - 01:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz Ant 1	

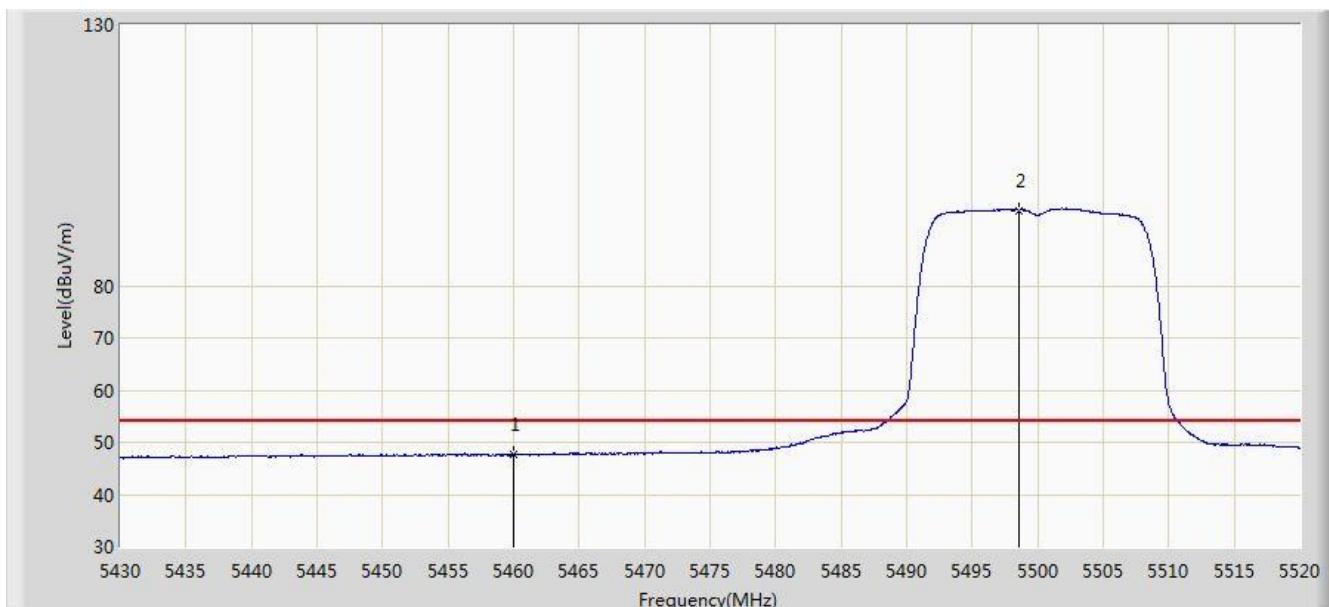


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.900	61.353	57.177	-12.647	74.000	4.176	PK
2			5460.000	59.690	55.510	-14.310	74.000	4.180	PK
3			5463.300	61.614	57.427	-6.586	68.200	4.187	PK
4			5470.000	59.862	55.660	-8.338	68.200	4.202	PK
5	*		5502.585	106.313	102.033	N/A	N/A	4.280	PK

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

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

Site: AC1	Time: 2018/03/22 - 01:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz Ant 1	

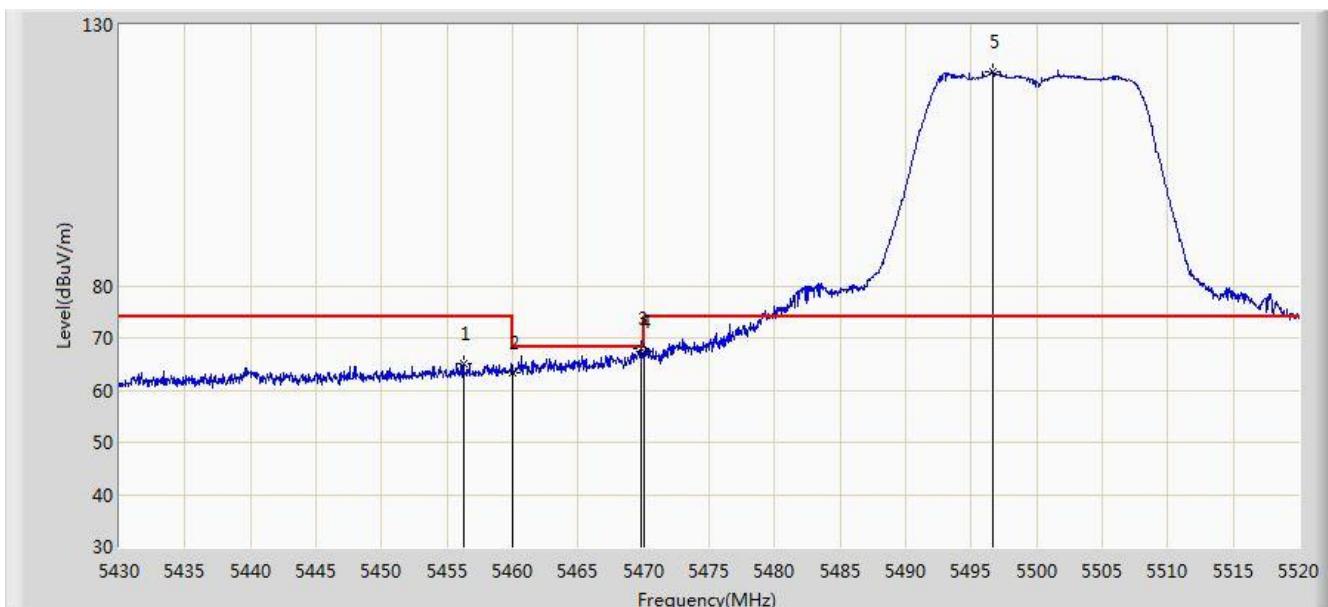


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5460.000	47.742	43.562	-6.258	54.000	4.180	AV
2	*		5498.535	94.453	90.185	N/A	N/A	4.268	AV

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

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

Site: AC1	Time: 2018/03/22 - 01:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz Ant 1	

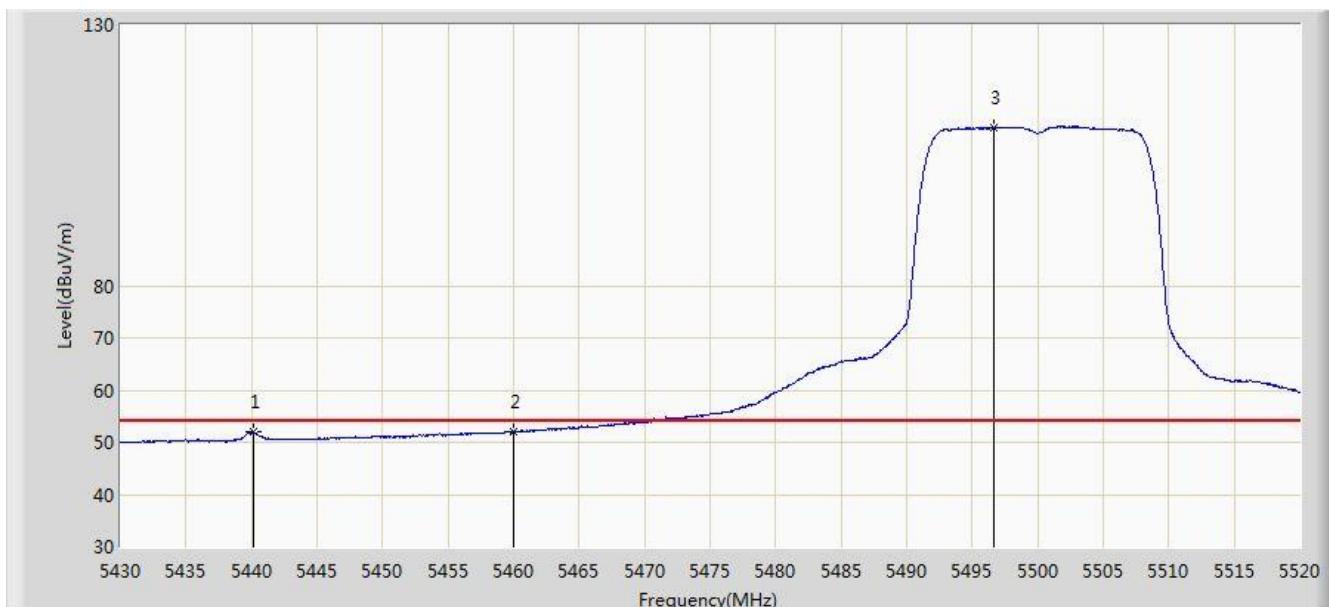


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5456.280	65.094	60.922	-8.906	74.000	4.172	PK
2			5460.000	63.259	59.079	-10.741	74.000	4.180	PK
3			5469.825	67.865	63.663	-0.335	68.200	4.202	PK
4			5470.000	67.331	63.129	-0.869	68.200	4.202	PK
5		*	5496.600	120.941	116.678	N/A	N/A	4.263	PK

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

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

Site: AC1	Time: 2018/03/22 - 01:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5500MHz Ant 1	

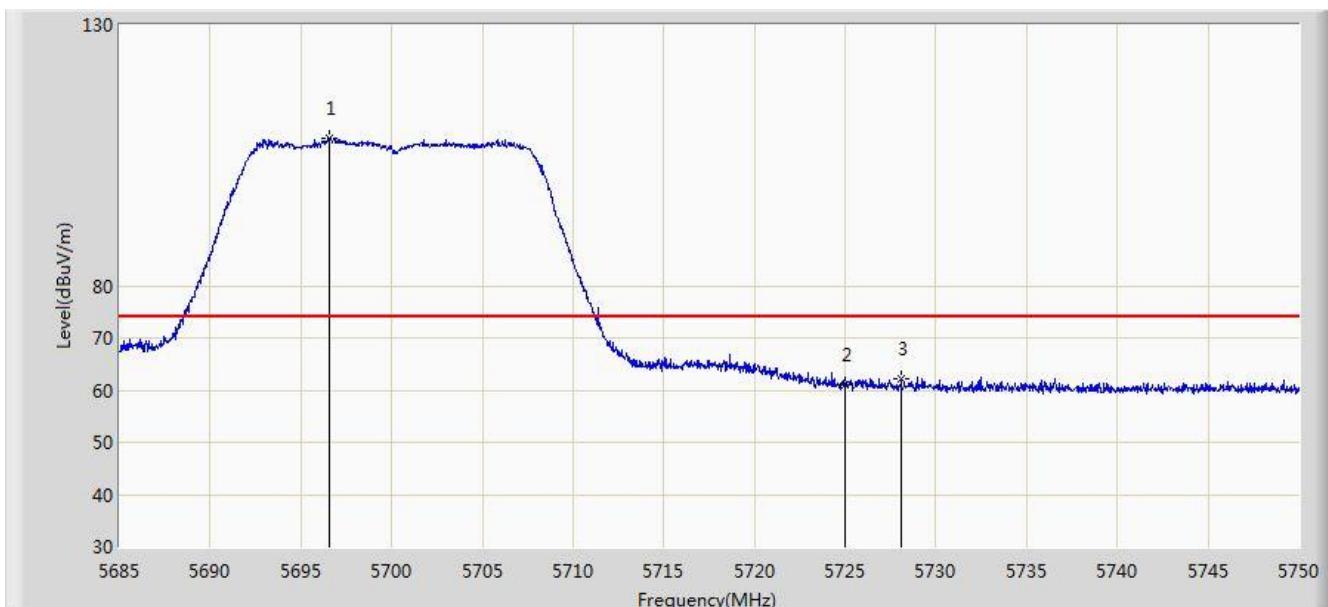


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5440.170	51.909	47.784	-2.091	54.000	4.125	AV
2			5460.000	51.937	47.757	-2.063	54.000	4.180	AV
3	X	*	5496.600	110.390	106.127	N/A	N/A	4.263	AV

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

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

Site: AC1	Time: 2018/03/22 - 01:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5700MHz Ant 1	

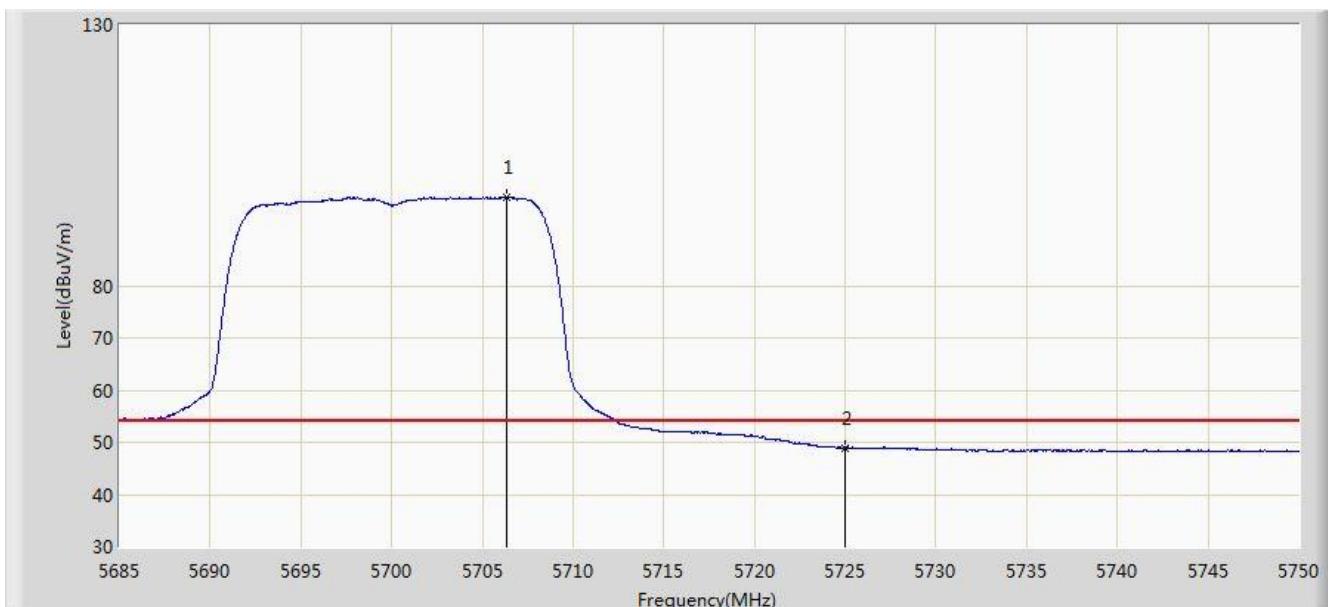


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5696.538	108.117	103.257	N/A	N/A	4.860	PK
2			5725.000	61.022	55.993	-12.978	74.000	5.029	PK
3			5728.095	62.205	57.156	-11.795	74.000	5.048	PK

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

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

Site: AC1	Time: 2018/03/22 - 01:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5700MHz Ant 1	

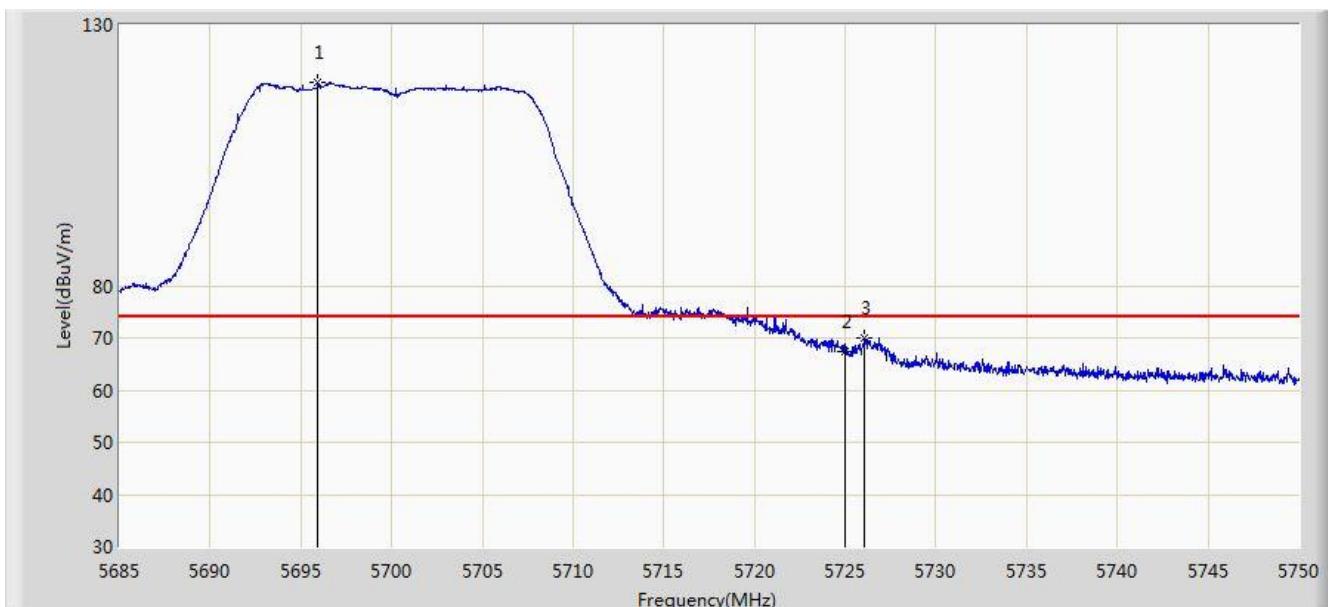


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5706.320	96.973	92.061	N/A	N/A	4.912	AV
2			5725.000	48.965	43.936	-5.035	54.000	5.029	AV

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

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

Site: AC1	Time: 2018/03/22 - 01:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5700MHz Ant 1	

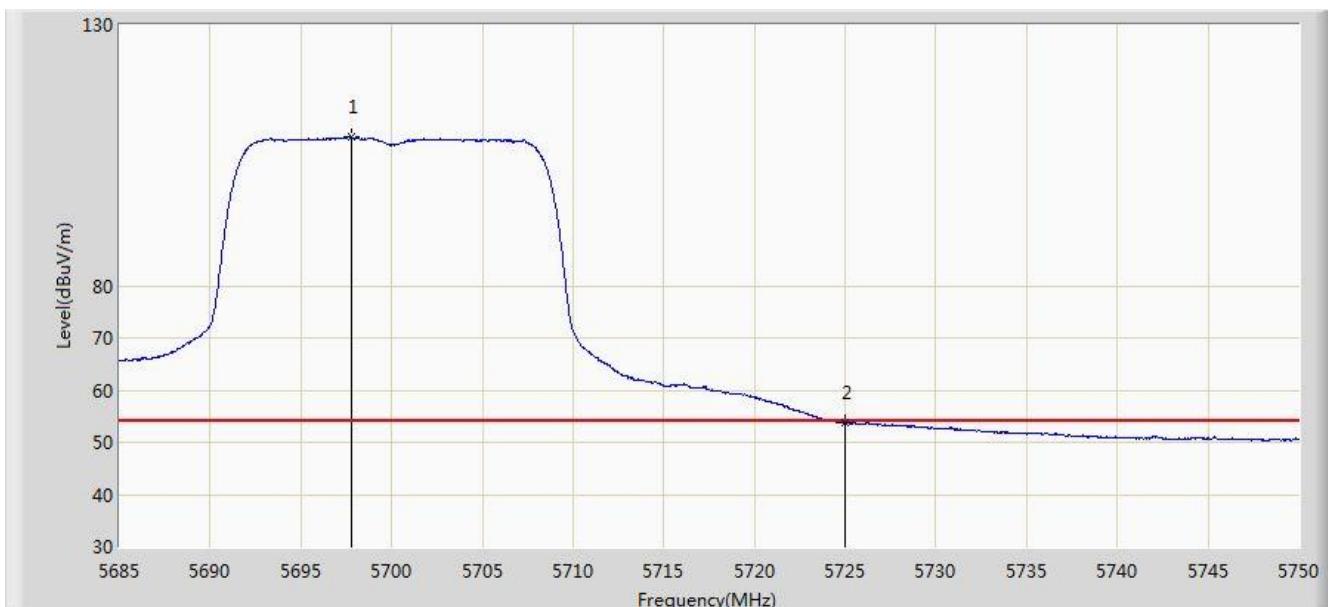


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5695.953	118.985	114.128	N/A	N/A	4.857	PK
2			5725.000	67.494	62.465	-6.506	74.000	5.029	PK
3			5726.047	70.126	65.090	-3.874	74.000	5.036	PK

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

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

Site: AC1	Time: 2018/03/22 - 01:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5700MHz Ant 1	

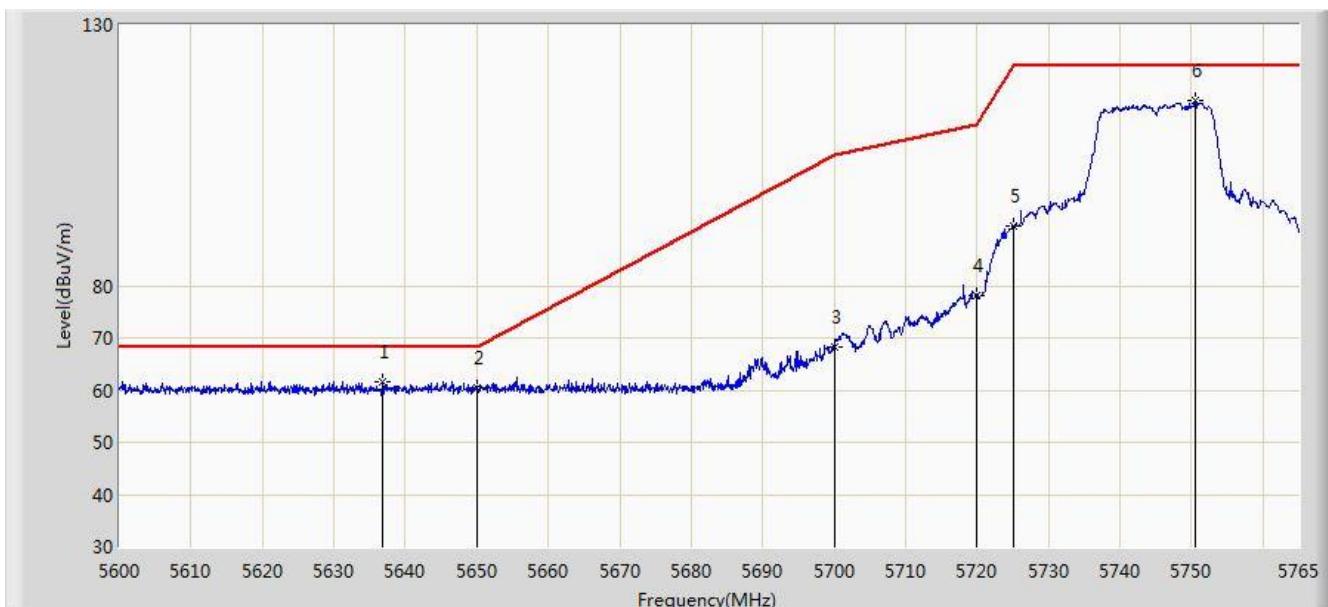


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1	X	*	5697.805	108.501	103.634	N/A	N/A	4.866	AV
2			5725.000	53.782	48.753	-0.218	54.000	5.029	AV

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

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

Site: AC1	Time: 2018/03/22 - 01:17
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Ant 1	

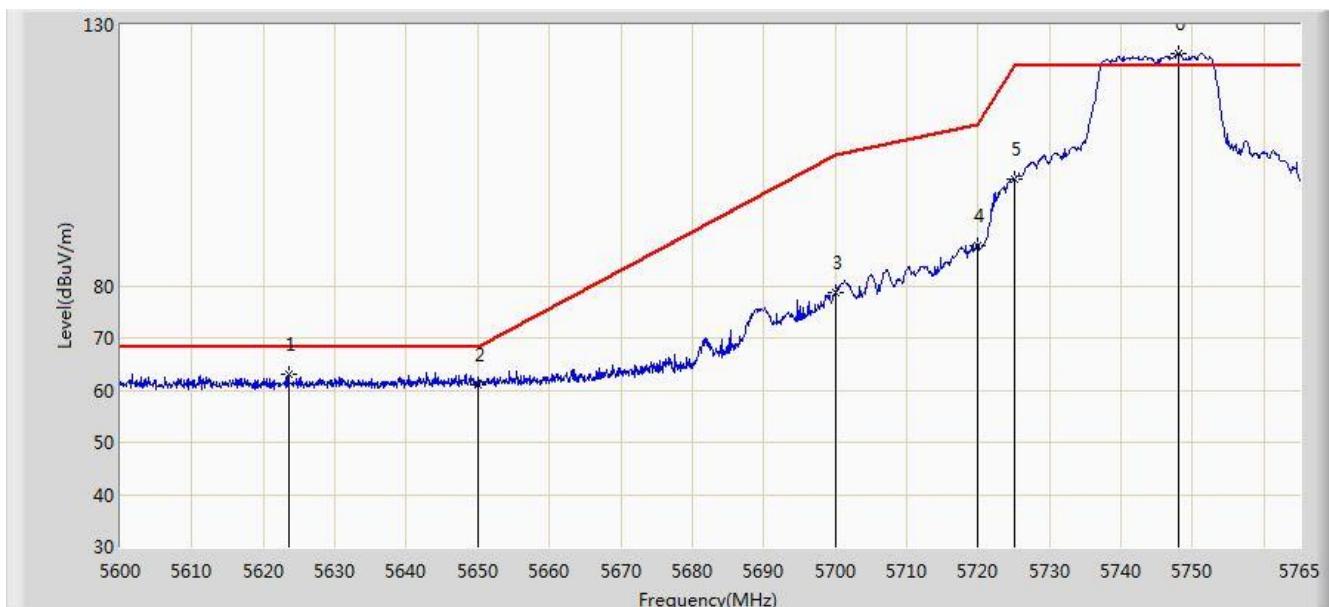


No	Flag	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB)	Type
1		*	5636.712	61.615	56.987	-6.585	68.200	4.628	PK
2			5650.000	60.554	55.883	-7.646	68.200	4.671	PK
3			5700.000	68.192	63.314	-37.008	105.200	4.878	PK
4			5720.000	78.113	73.116	-32.687	110.800	4.997	PK
5			5725.000	91.434	86.405	-30.766	122.200	5.029	PK
6			5750.480	115.580	110.394	N/A	N/A	5.186	PK

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

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

Site: AC1	Time: 2018/03/22 - 01:18
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Ant 1	

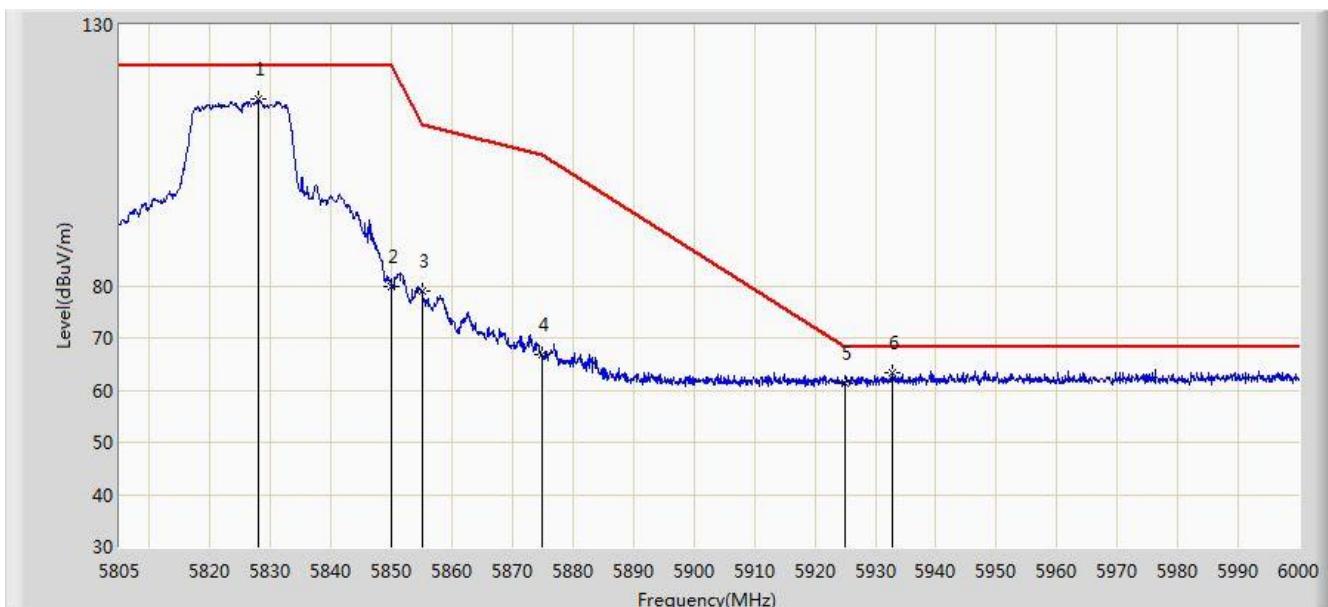


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5623.513	62.992	58.401	-5.208	68.200	4.591	PK
2			5650.000	60.936	56.265	-7.264	68.200	4.671	PK
3			5700.000	78.640	73.762	-26.560	105.200	4.878	PK
4			5720.000	87.654	82.657	-23.146	110.800	4.997	PK
5			5725.000	100.296	95.267	-21.904	122.200	5.029	PK
6	*		5748.005	124.457	119.285	N/A	N/A	5.172	PK

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

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

Site: AC1	Time: 2018/03/22 - 01:20
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Ant 1	

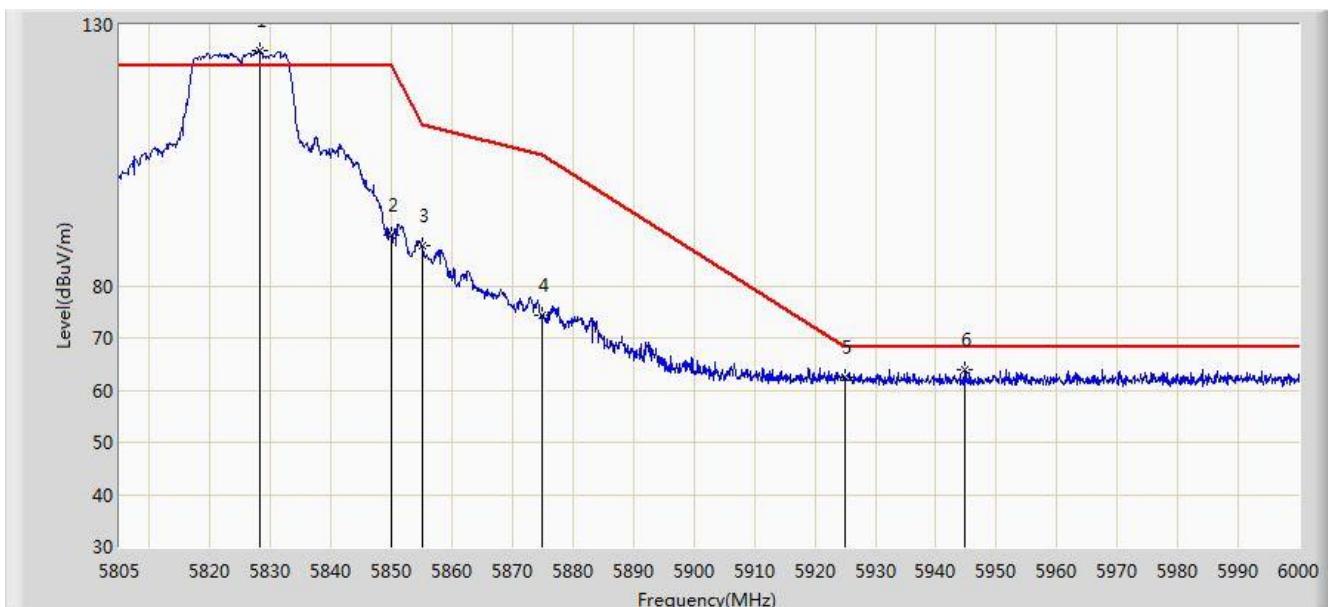


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5828.010	115.729	110.123	N/A	N/A	5.606	PK
2			5850.000	79.992	74.266	-42.208	122.200	5.726	PK
3			5855.000	78.924	73.178	-31.876	110.800	5.746	PK
4			5875.000	66.704	60.884	-38.496	105.200	5.820	PK
5			5925.000	61.394	55.428	-6.806	68.200	5.967	PK
6	*		5932.822	63.469	57.483	-4.731	68.200	5.986	PK

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

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

Site: AC1	Time: 2018/03/22 - 01:19
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Ant 1	

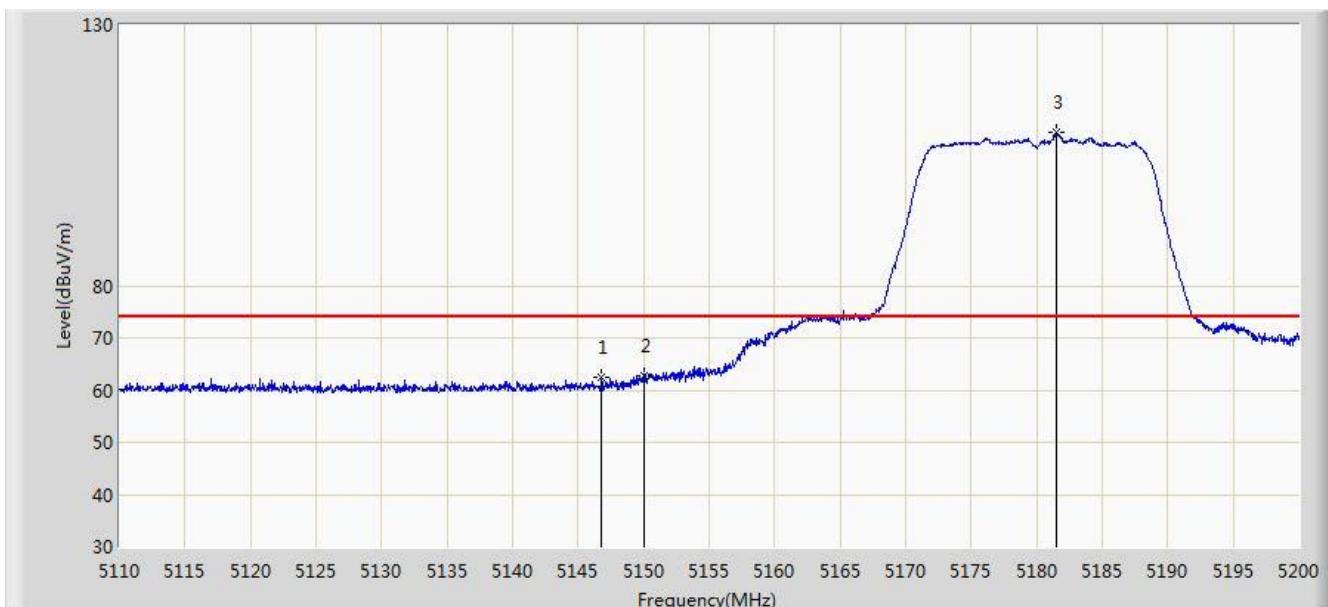


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5828.205	125.025	119.418	N/A	N/A	5.607	PK
2			5850.000	89.600	83.874	-32.600	122.200	5.726	PK
3			5855.000	87.640	81.894	-23.160	110.800	5.746	PK
4			5875.000	74.335	68.515	-30.865	105.200	5.820	PK
5			5925.000	62.510	56.544	-5.690	68.200	5.967	PK
6			5944.717	63.770	57.755	-4.430	68.200	6.015	PK

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

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

Site: AC1	Time: 2018/03/22 - 01:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 1	

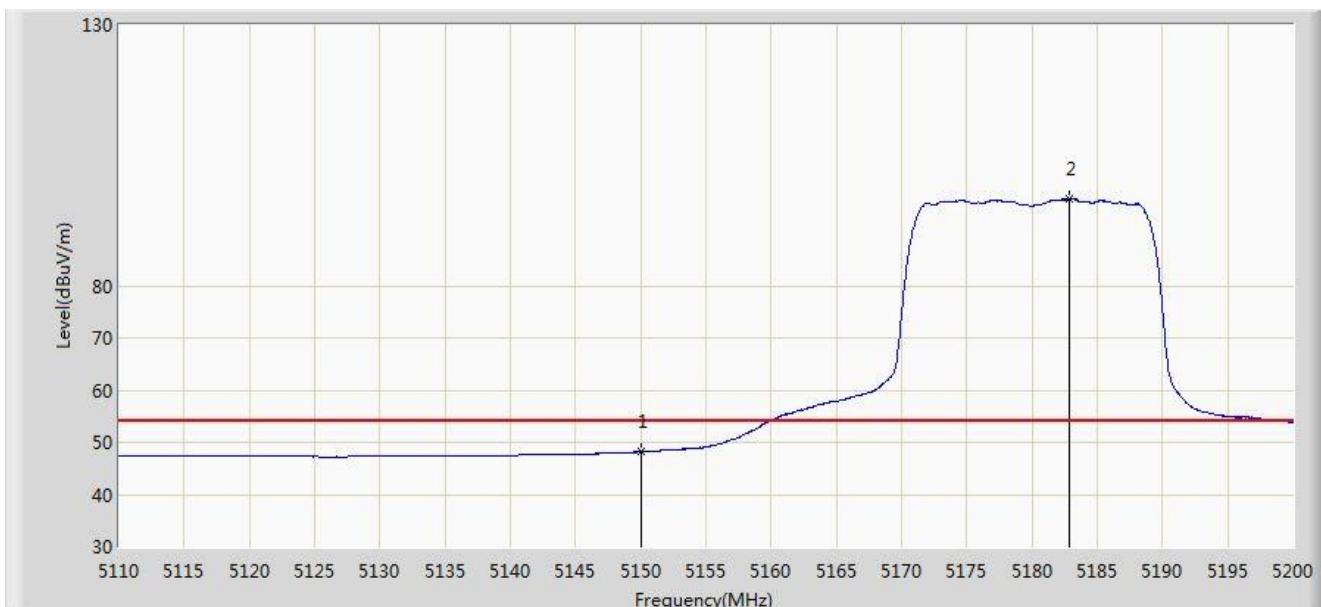


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5146.810	62.467	58.291	-11.533	74.000	4.176	PK
2			5150.000	62.864	58.695	-11.136	74.000	4.170	PK
3		*	5181.505	109.471	105.408	N/A	N/A	4.064	PK

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

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

Site: AC1	Time: 2018/03/22 - 01:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 1	

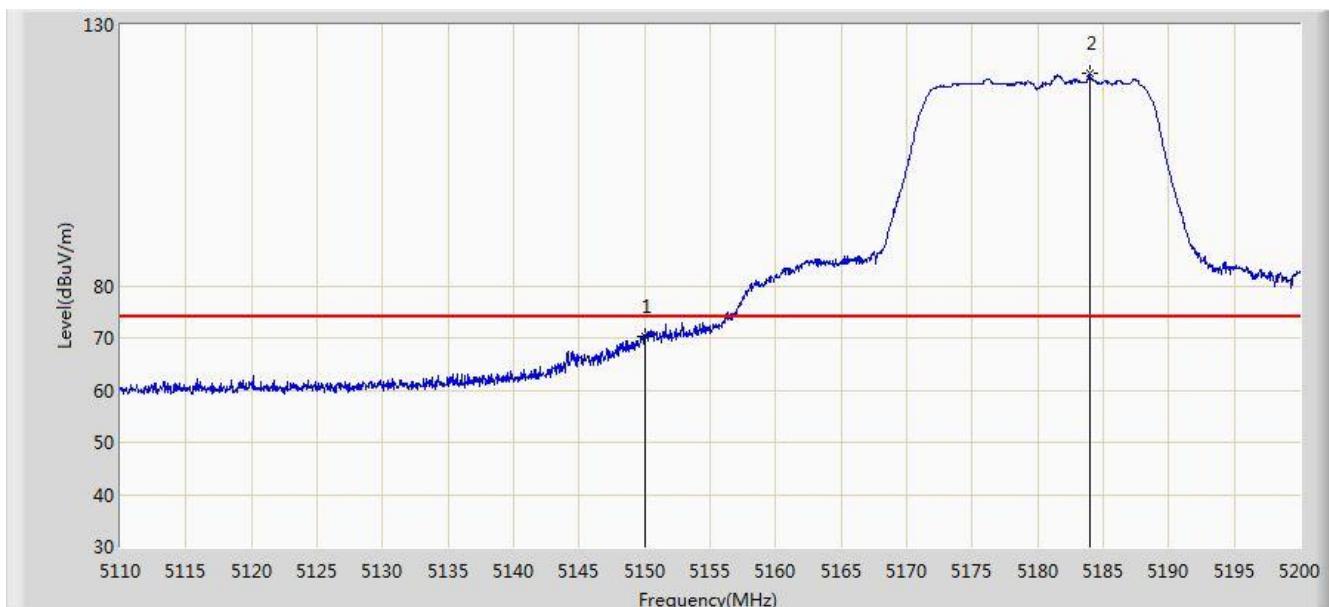


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5150.000	48.166	43.997	-5.834	54.000	4.170	AV
2	*		5182.900	96.620	92.561	N/A	N/A	4.059	AV

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

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

Site: AC1	Time: 2018/03/22 - 01:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 1	

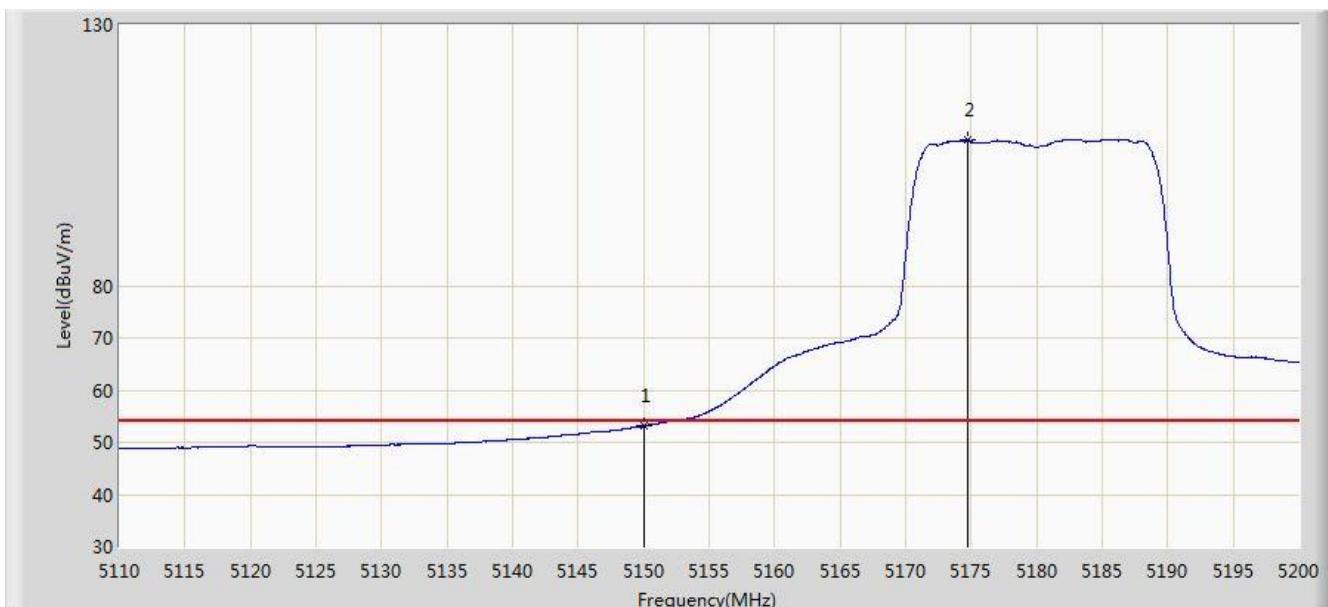


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5150.000	70.307	66.138	-3.693	74.000	4.170	PK
2	*	*	5183.935	120.716	116.661	N/A	N/A	4.055	PK

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

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

Site: AC1	Time: 2018/03/22 - 01:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 1	

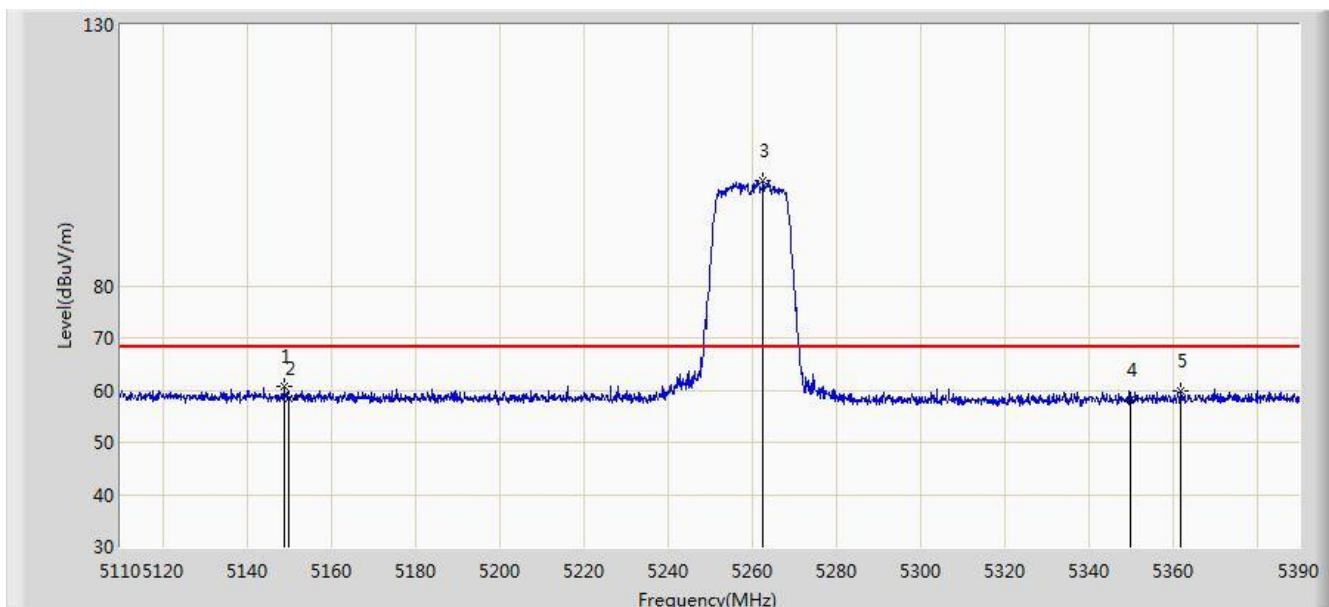


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5150.000	53.194	49.025	-0.806	54.000	4.170	AV
2	*		5174.755	107.834	103.747	N/A	N/A	4.088	AV

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

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

Site: AC1	Time: 2018/04/10 - 03:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5260MHz Ant 1	

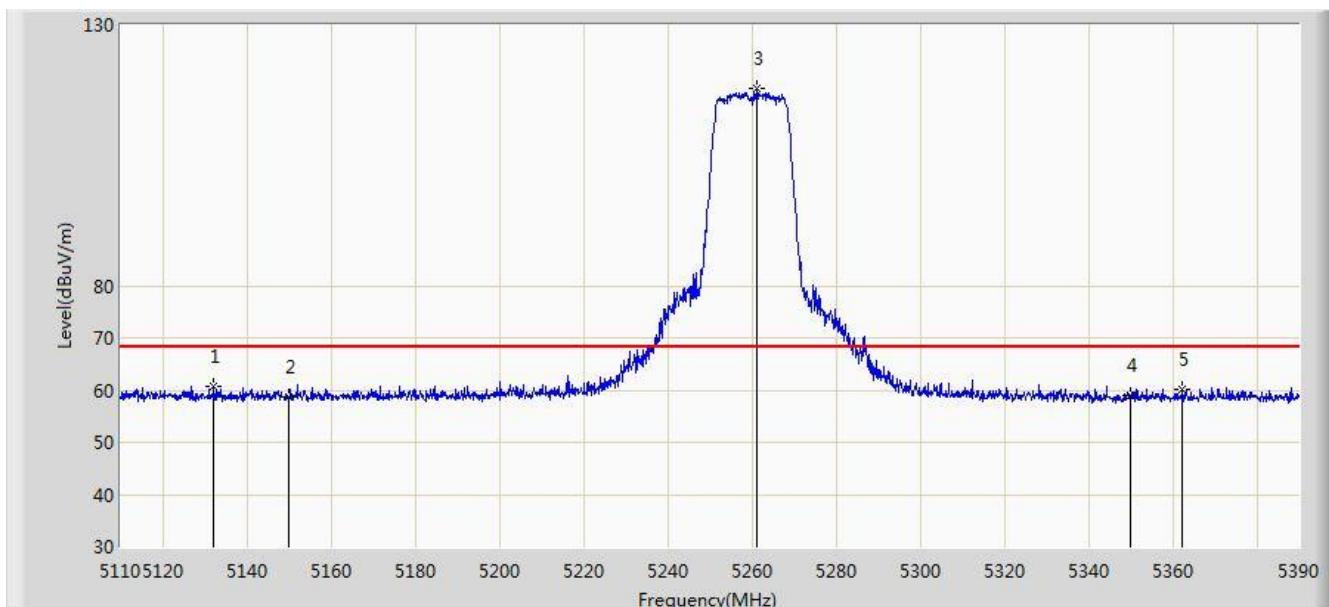


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5148.780	60.852	56.679	-7.348	68.200	4.174	PK
2			5150.000	58.409	54.240	-9.791	68.200	4.170	PK
3	*		5262.740	100.265	96.424	N/A	N/A	3.841	PK
4			5350.000	58.088	54.183	-10.112	68.200	3.904	PK
5			5361.860	59.759	55.833	-8.441	68.200	3.926	PK

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

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

Site: AC1	Time: 2018/04/10 - 03:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5260MHz Ant 1	

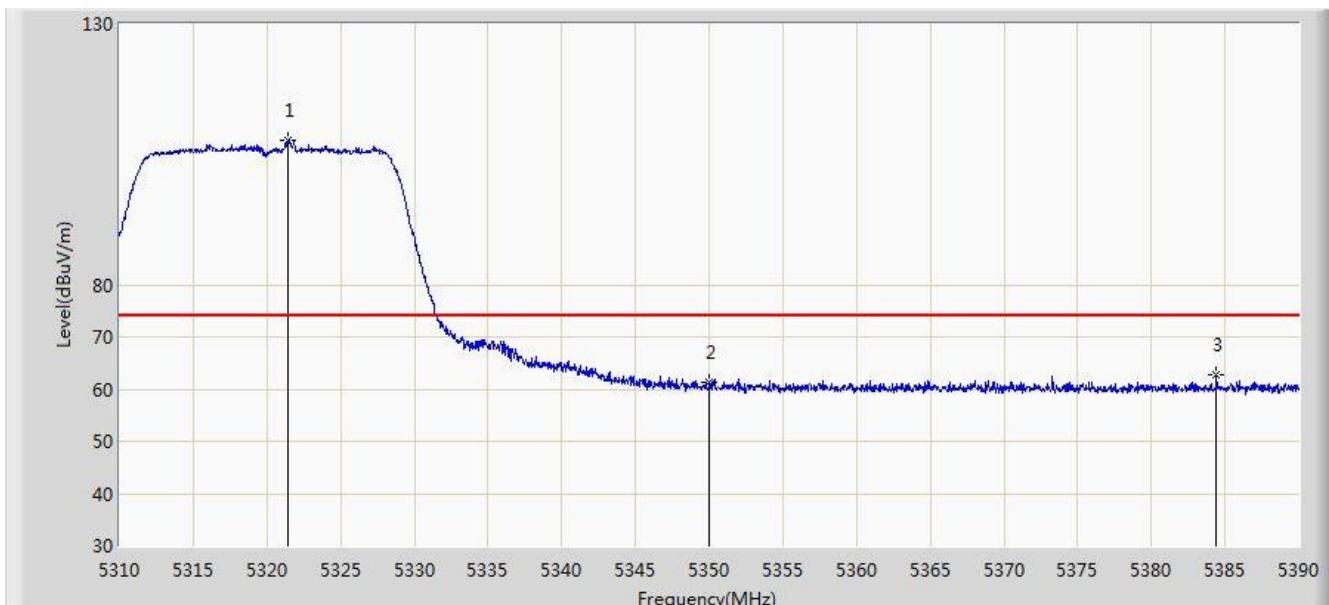


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5132.120	60.606	56.431	-7.594	68.200	4.175	PK
2			5150.000	58.693	54.524	-9.507	68.200	4.170	PK
3	*		5261.200	117.766	113.924	N/A	N/A	3.842	PK
4			5350.000	58.986	55.081	-9.214	68.200	3.904	PK
5			5362.420	60.200	56.273	-8.000	68.200	3.927	PK

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

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

Site: AC1	Time: 2018/03/22 - 01:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5320MHz Ant 1	

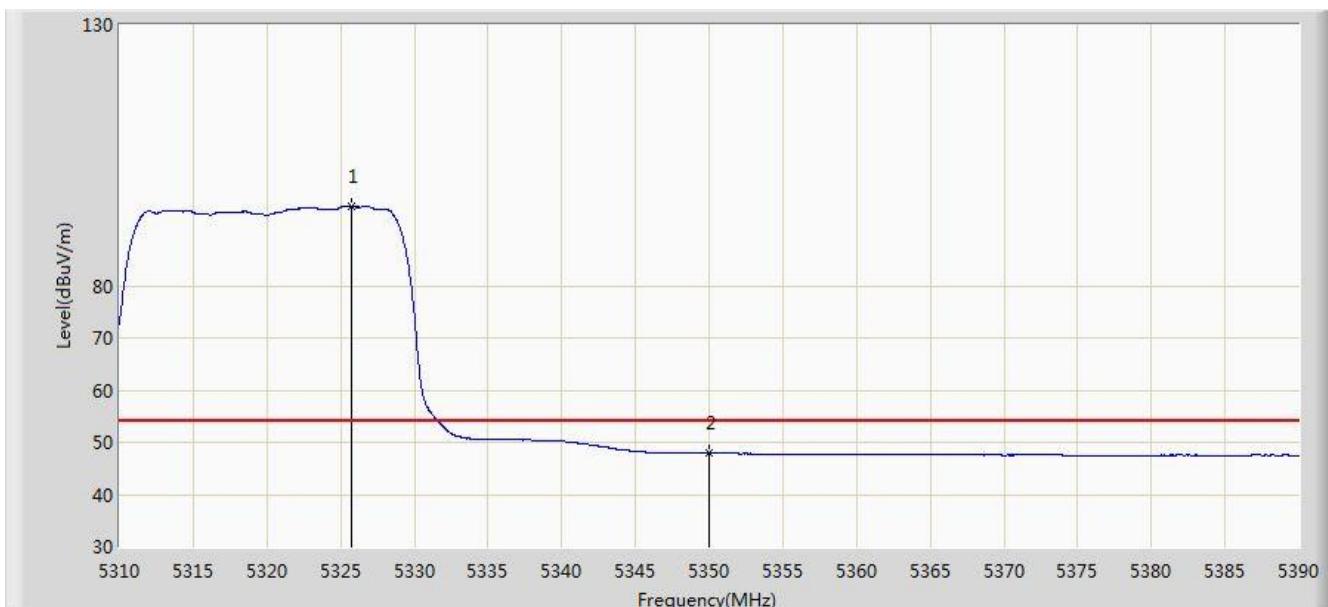


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5321.440	107.607	103.756	N/A	N/A	3.851	PK
2			5350.000	61.308	57.403	-12.692	74.000	3.904	PK
3			5384.400	62.880	58.912	-11.120	74.000	3.967	PK

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

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

Site: AC1	Time: 2018/03/22 - 01:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5320MHz Ant 1	

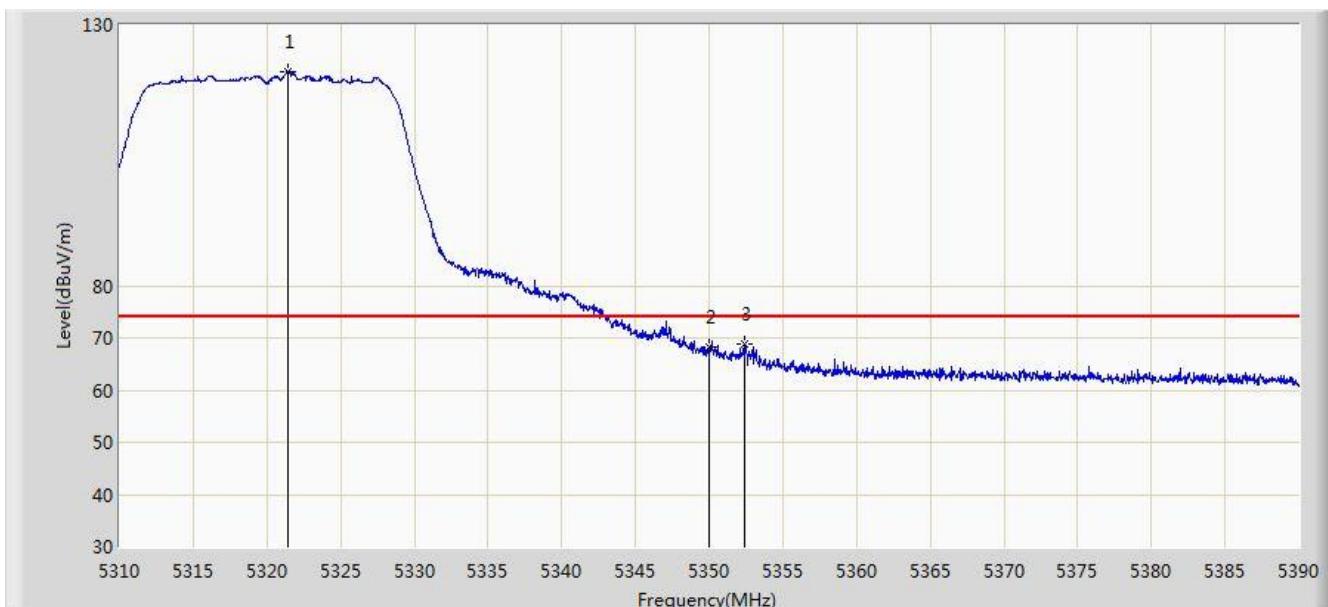


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5325.760	95.164	91.304	N/A	N/A	3.859	AV
2			5350.000	47.923	44.018	-6.077	54.000	3.904	AV

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

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

Site: AC1	Time: 2018/03/22 - 01:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5320MHz Ant 1	

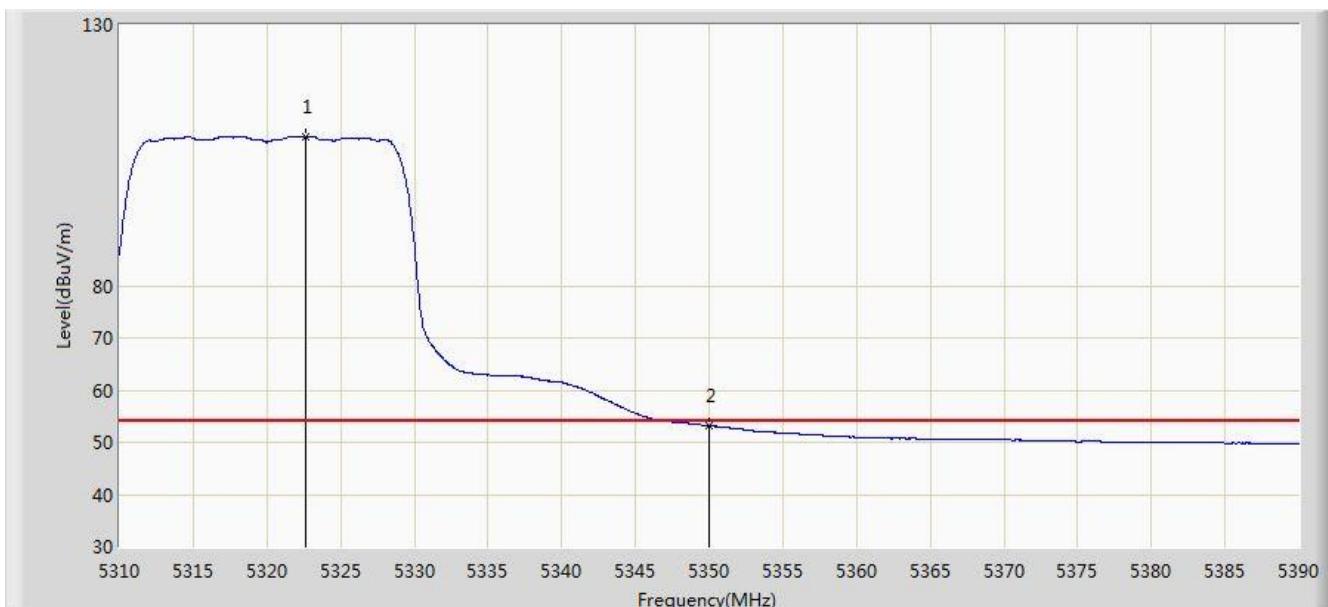


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5321.400	120.945	117.094	N/A	N/A	3.851	PK
2			5350.000	68.136	64.231	-5.864	74.000	3.904	PK
3			5352.440	68.843	64.934	-5.157	74.000	3.909	PK

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

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

Site: AC1	Time: 2018/03/22 - 01:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5320MHz Ant 1	

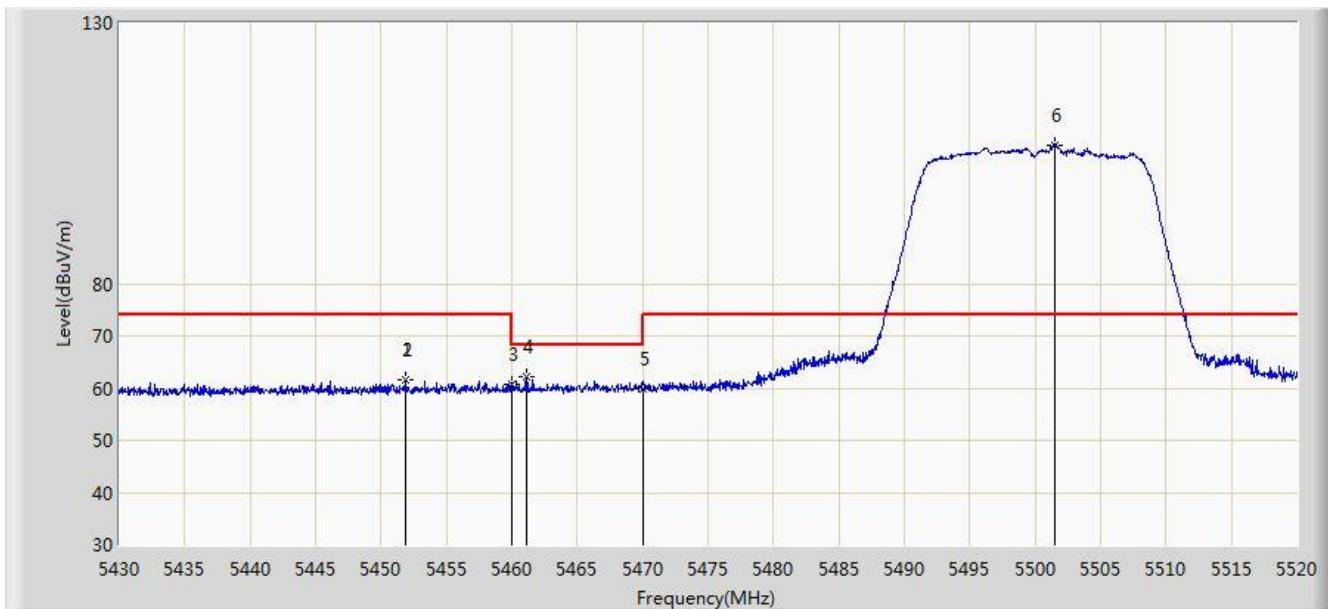


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1	X	*	5322.640	108.510	104.656	N/A	N/A	3.853	AV
2			5350.000	53.152	49.247	-0.848	54.000	3.904	AV

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

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

Site: AC1	Time: 2018/03/22 - 01:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5500MHz Ant 1	

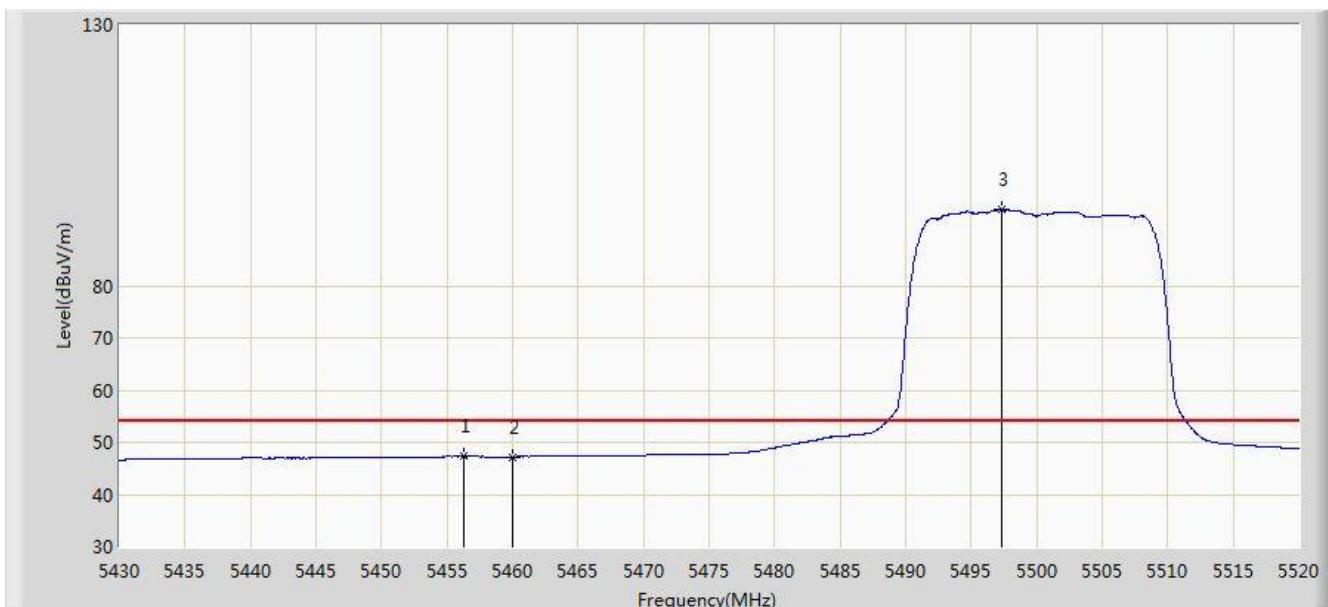


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5451.870	61.544	57.383	-12.456	74.000	4.161	PK
2			5451.870	61.544	57.383	-12.456	74.000	4.161	PK
3			5460.000	60.720	56.540	-13.280	74.000	4.180	PK
4			5461.095	62.059	57.876	-6.141	68.200	4.183	PK
5			5470.000	59.914	55.712	-8.286	68.200	4.202	PK
6	*		5501.460	106.605	102.329	N/A	N/A	4.276	PK

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

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

Site: AC1	Time: 2018/03/22 - 01:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5500MHz Ant 1	

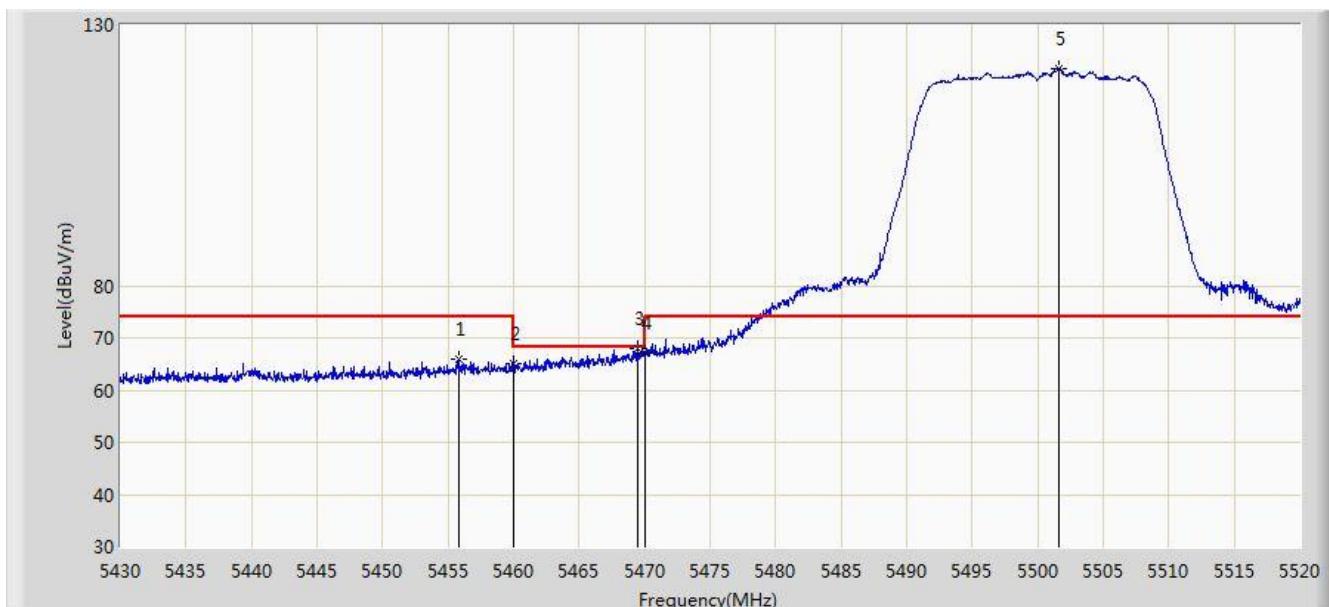


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5456.280	47.275	43.103	-6.725	54.000	4.172	AV
2			5460.000	47.196	43.016	-6.804	54.000	4.180	AV
3		*	5497.275	94.565	90.301	N/A	N/A	4.264	AV

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

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

Site: AC1	Time: 2018/03/22 - 01:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5500MHz Ant 1	

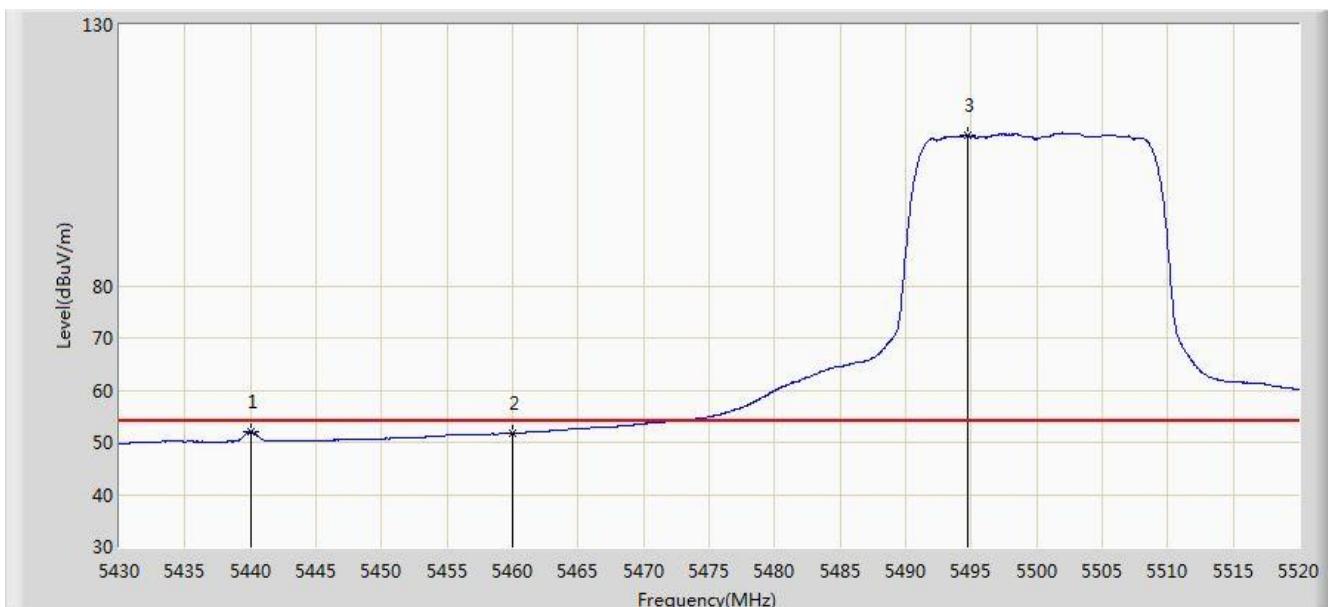


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5455.875	65.915	61.743	-8.085	74.000	4.172	PK
2			5460.000	64.938	60.758	-9.062	74.000	4.180	PK
3			5469.510	67.865	63.664	-0.335	68.200	4.202	PK
4			5470.000	67.241	63.039	-0.959	68.200	4.202	PK
5	*	*	5501.640	121.739	117.462	N/A	N/A	4.277	PK

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

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

Site: AC1	Time: 2018/03/22 - 01:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5500MHz Ant 1	

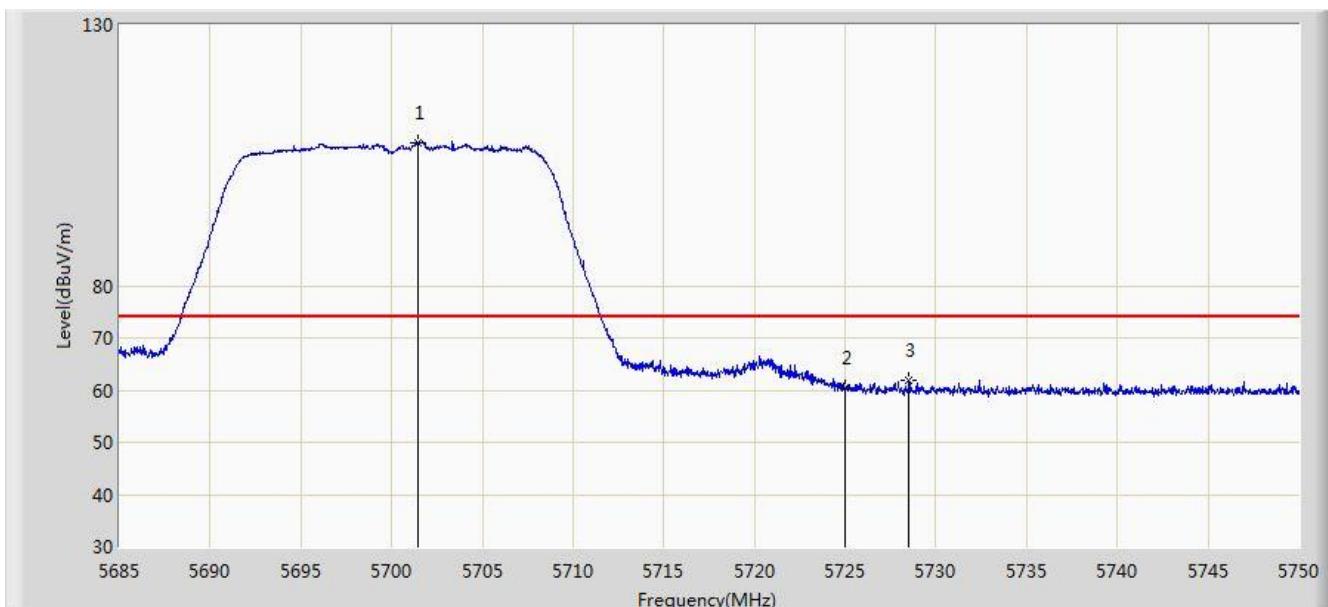


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5440.035	52.016	47.891	-1.984	54.000	4.124	AV
2			5460.000	51.741	47.561	-2.259	54.000	4.180	AV
3	X	*	5494.755	108.831	104.572	N/A	N/A	4.259	AV

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

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

Site: AC1	Time: 2018/03/22 - 02:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5700MHz Ant 1	

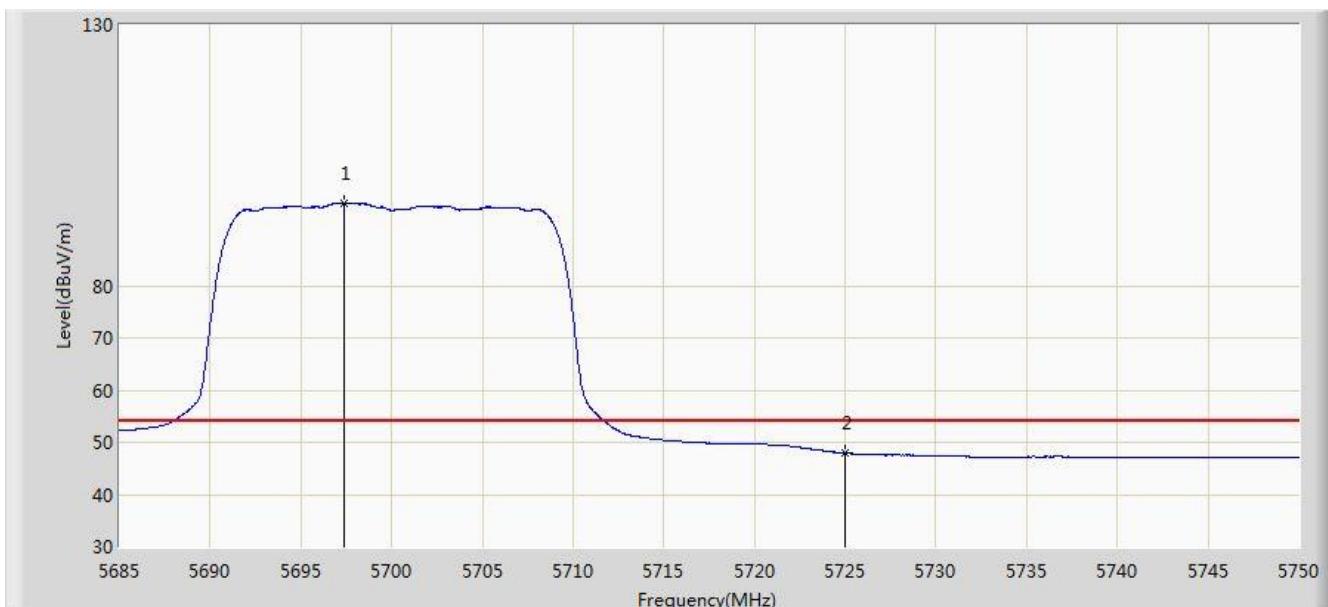


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5701.478	107.498	102.612	N/A	N/A	4.886	PK
2			5725.000	60.411	55.382	-13.589	74.000	5.029	PK
3			5728.518	61.895	56.844	-12.105	74.000	5.051	PK

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

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

Site: AC1	Time: 2018/03/22 - 02:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5700MHz Ant 1	

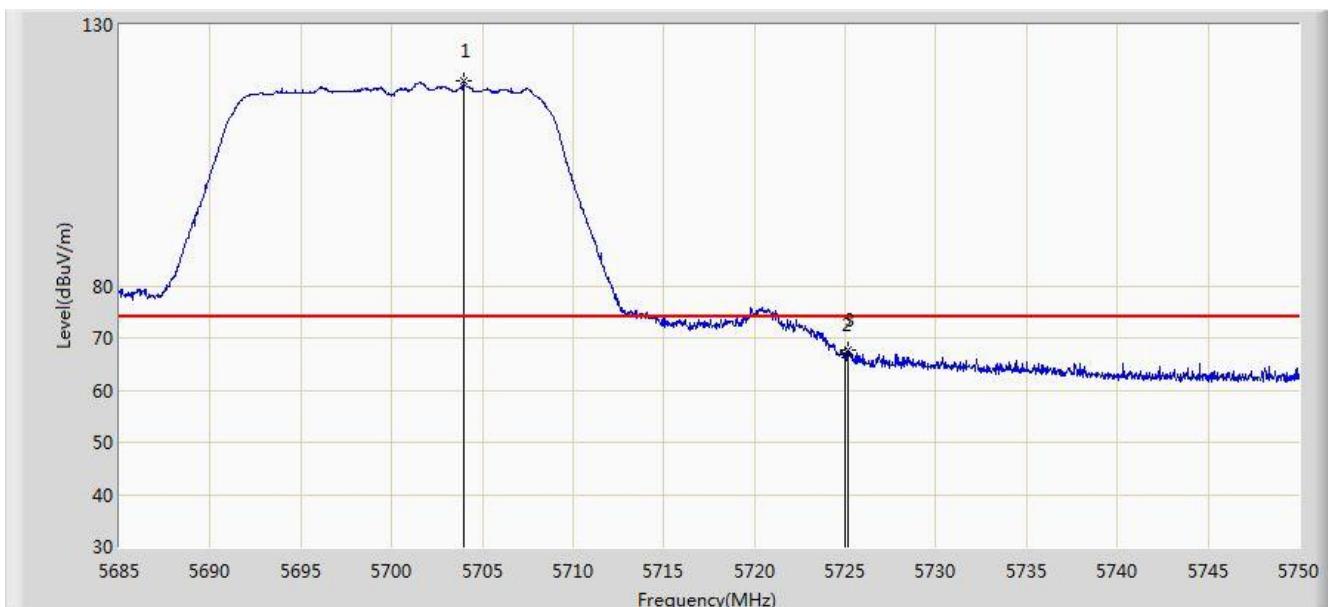


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5697.415	95.776	90.911	N/A	N/A	4.865	AV
2			5725.000	47.954	42.925	-6.046	54.000	5.029	AV

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

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

Site: AC1	Time: 2018/03/22 - 02:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5700MHz Ant 1	

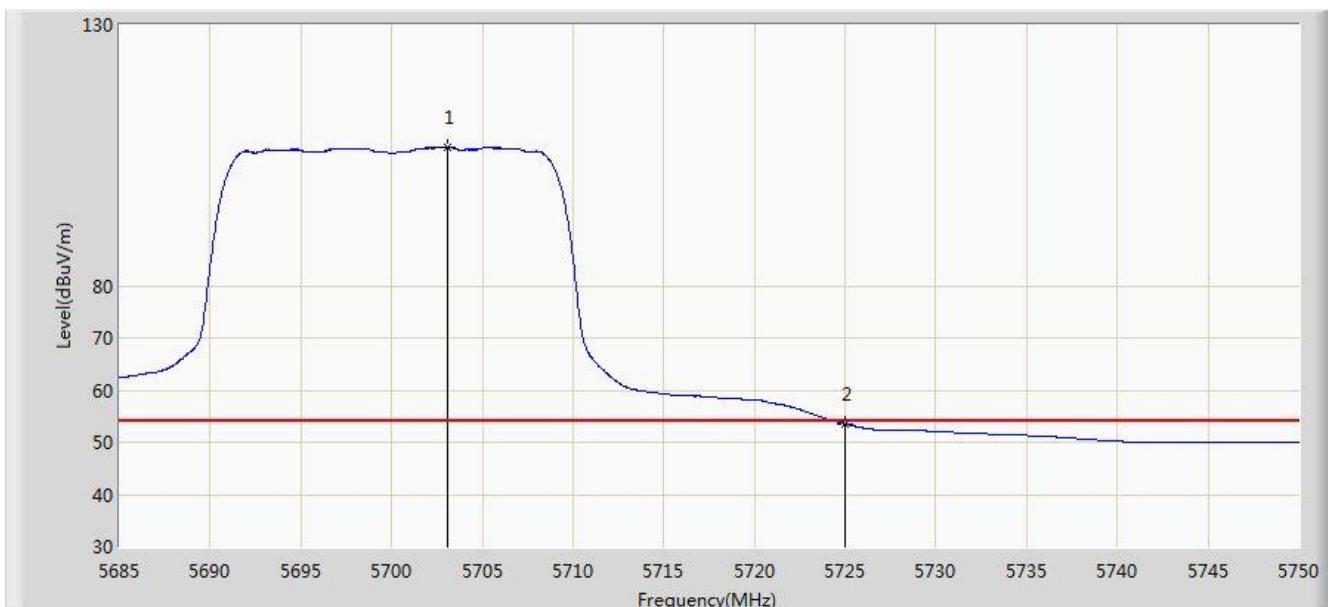


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5703.980	119.131	114.232	N/A	N/A	4.899	PK
2			5725.000	66.746	61.717	-7.254	74.000	5.029	PK
3			5725.170	67.586	62.556	-6.414	74.000	5.030	PK

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

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

Site: AC1	Time: 2018/03/22 - 02:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5700MHz Ant 1	

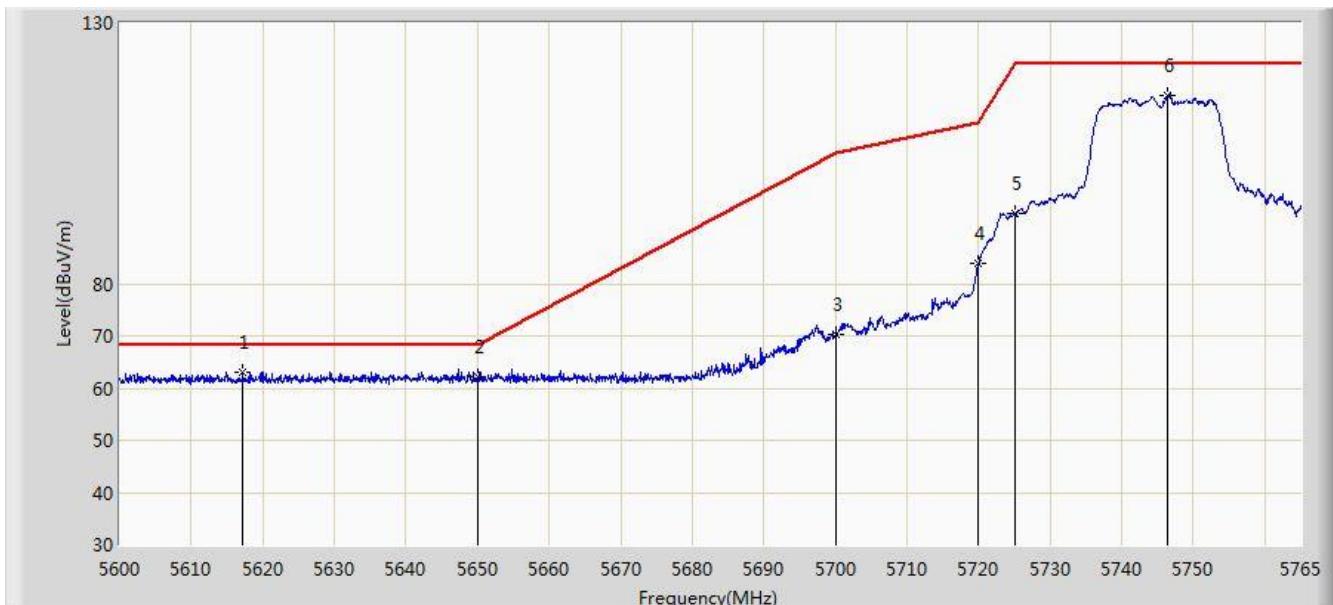


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5703.070	106.557	101.662	N/A	N/A	4.895	AV
2			5725.000	53.509	48.480	-0.491	54.000	5.029	AV

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

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

Site: AC1	Time: 2018/03/22 - 02:05
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Ant 1	

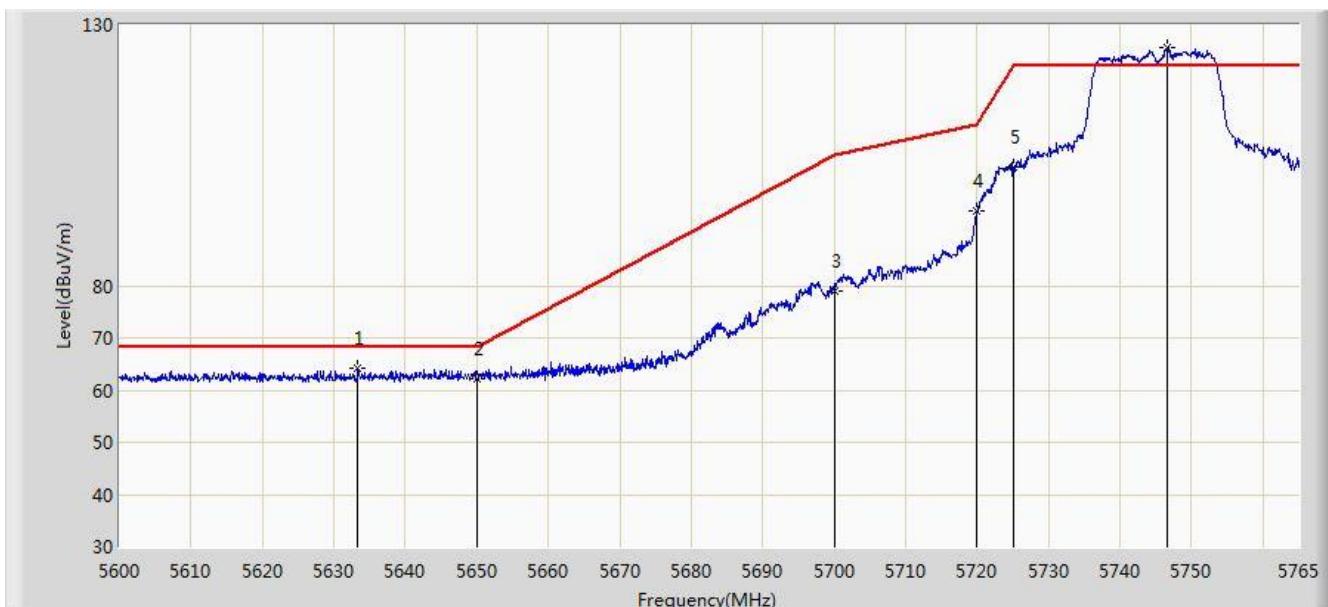


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5617.243	63.142	58.569	-5.058	68.200	4.572	PK
2			5650.000	62.100	57.429	-6.100	68.200	4.671	PK
3			5700.000	70.167	65.289	-35.033	105.200	4.878	PK
4			5720.000	83.831	78.834	-26.969	110.800	4.997	PK
5			5725.000	93.430	88.401	-28.770	122.200	5.029	PK
6			5746.437	116.202	111.039	N/A	N/A	5.163	PK

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

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

Site: AC1	Time: 2018/03/22 - 02:07
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Ant 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5633.330	64.086	59.467	-4.114	68.200	4.618	PK
2			5650.000	62.197	57.526	-6.003	68.200	4.671	PK
3			5700.000	78.901	74.023	-26.299	105.200	4.878	PK
4			5720.000	94.243	89.246	-16.557	110.800	4.997	PK
5			5725.000	102.617	97.588	-19.583	122.200	5.029	PK
6	*		5746.685	125.565	120.400	N/A	N/A	5.165	PK

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

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

Site: AC1	Time: 2018/03/22 - 02:09
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Ant 1	

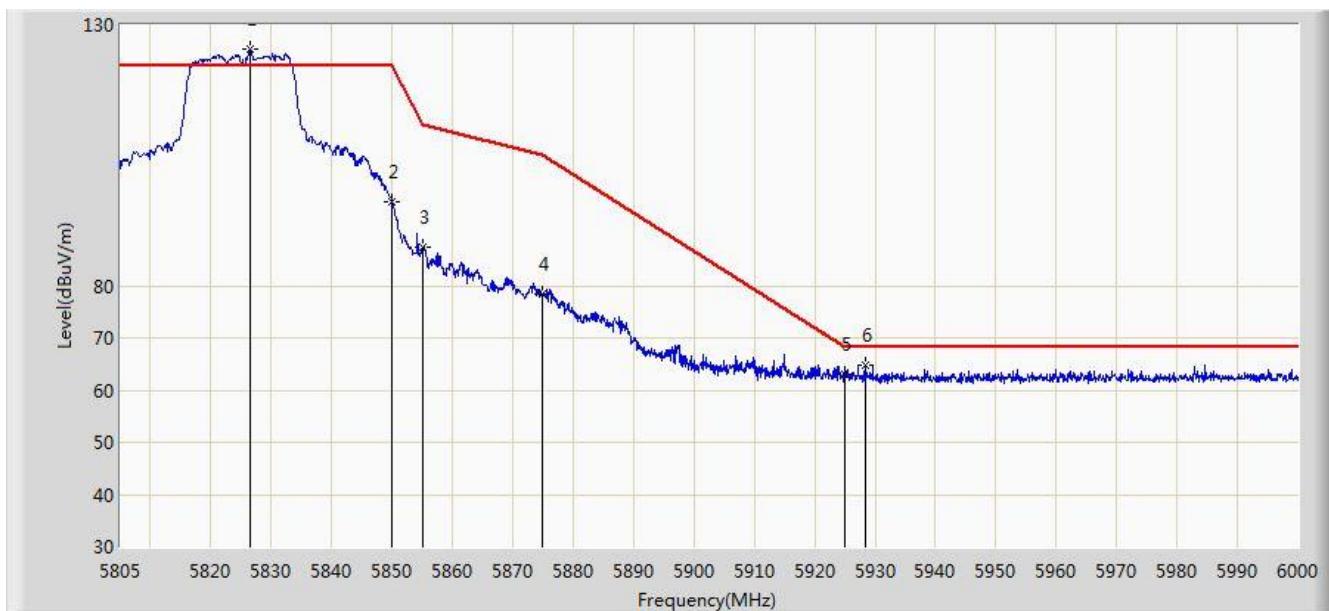


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5826.450	116.295	110.699	N/A	N/A	5.596	PK
2			5850.000	86.383	80.657	-35.817	122.200	5.726	PK
3			5855.000	78.478	72.732	-32.322	110.800	5.746	PK
4			5875.000	69.684	63.864	-35.516	105.200	5.820	PK
5			5925.000	61.435	55.469	-6.765	68.200	5.967	PK
6	*		5936.138	63.084	57.090	-5.116	68.200	5.995	PK

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

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

Site: AC1	Time: 2018/03/22 - 02:08
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Ant 1	

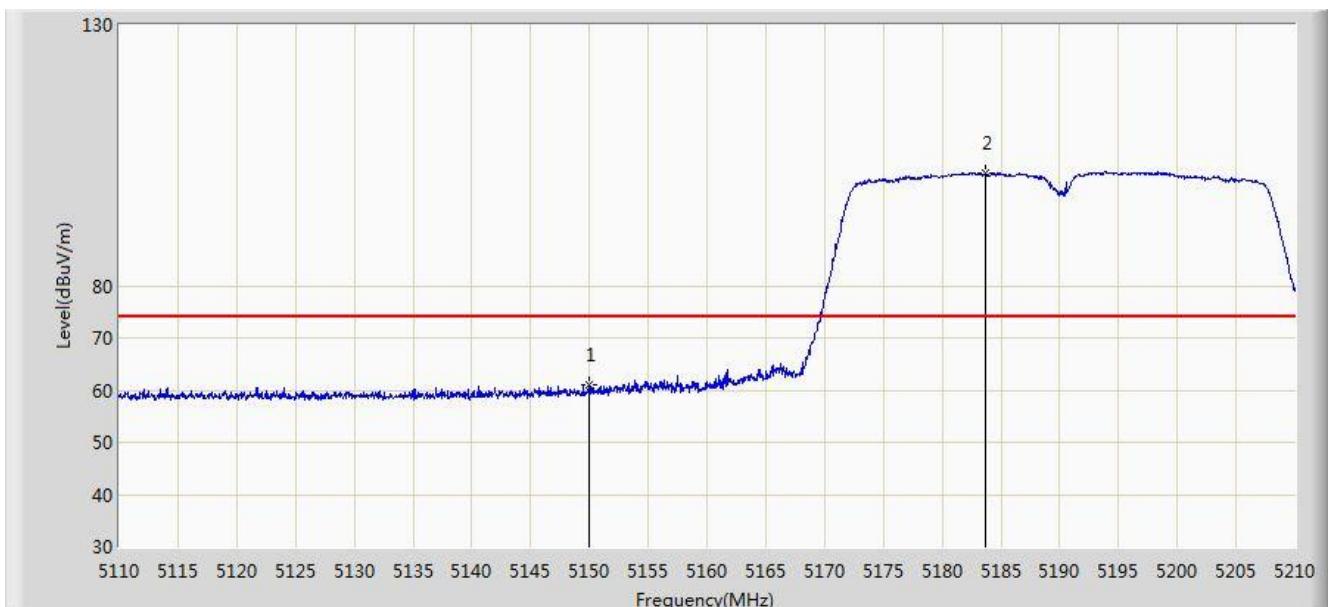


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5826.547	125.218	119.621	N/A	N/A	5.596	PK
2			5850.000	96.040	90.314	-26.160	122.200	5.726	PK
3			5855.000	87.334	81.588	-23.466	110.800	5.746	PK
4			5875.000	78.517	72.697	-26.683	105.200	5.820	PK
5			5925.000	63.024	57.058	-5.176	68.200	5.967	PK
6			5928.337	64.715	58.740	-3.485	68.200	5.975	PK

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

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

Site: AC1	Time: 2018/03/22 - 02:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 1	

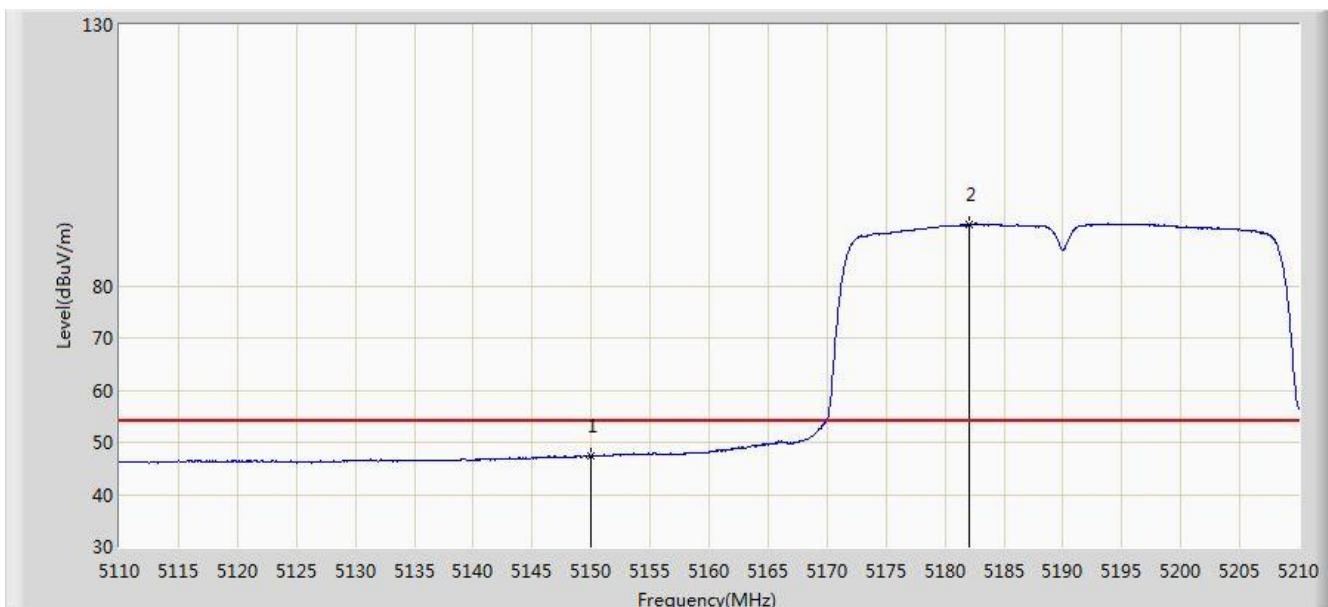


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5150.000	60.909	56.740	-13.091	74.000	4.170	PK
2	*		5183.700	101.656	97.600	N/A	N/A	4.056	PK

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

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

Site: AC1	Time: 2018/03/22 - 02:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 1	

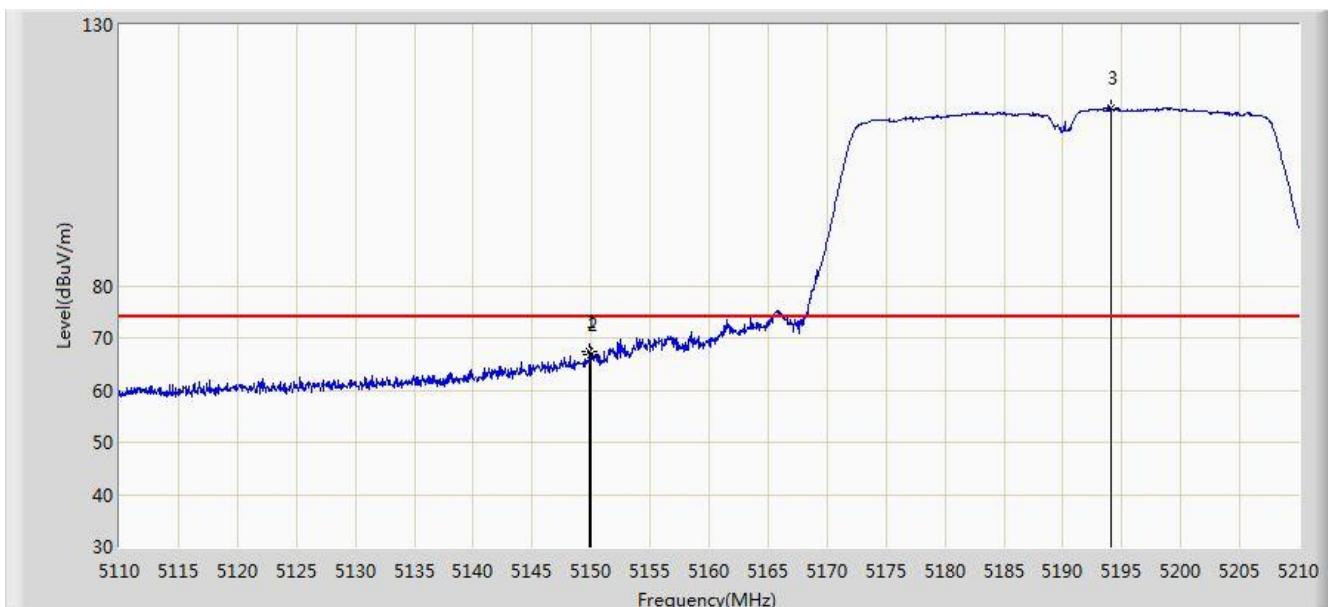


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5150.000	47.322	43.153	-6.678	54.000	4.170	AV
2	*		5182.100	91.691	87.630	N/A	N/A	4.061	AV

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

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

Site: AC1	Time: 2018/03/22 - 02:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 1	

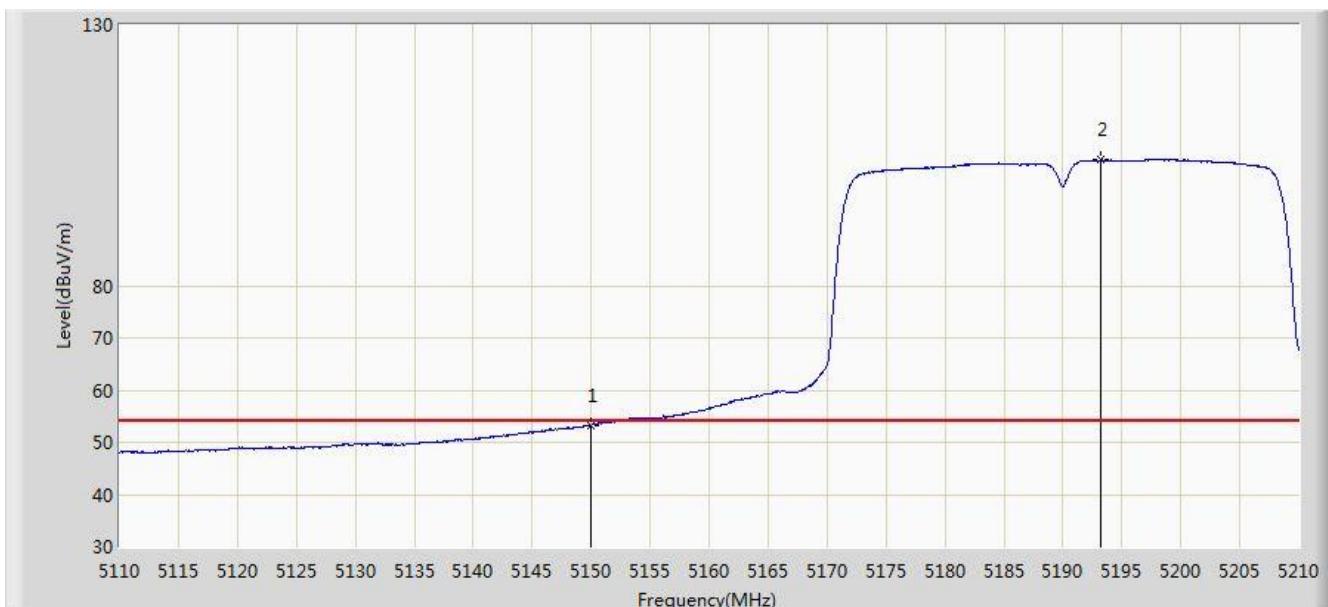


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5149.900	67.321	63.151	-6.679	74.000	4.170	PK
2			5150.000	66.771	62.602	-7.229	74.000	4.170	PK
3		*	5194.100	114.080	110.061	N/A	N/A	4.019	PK

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

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

Site: AC1	Time: 2018/03/22 - 02:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 1	

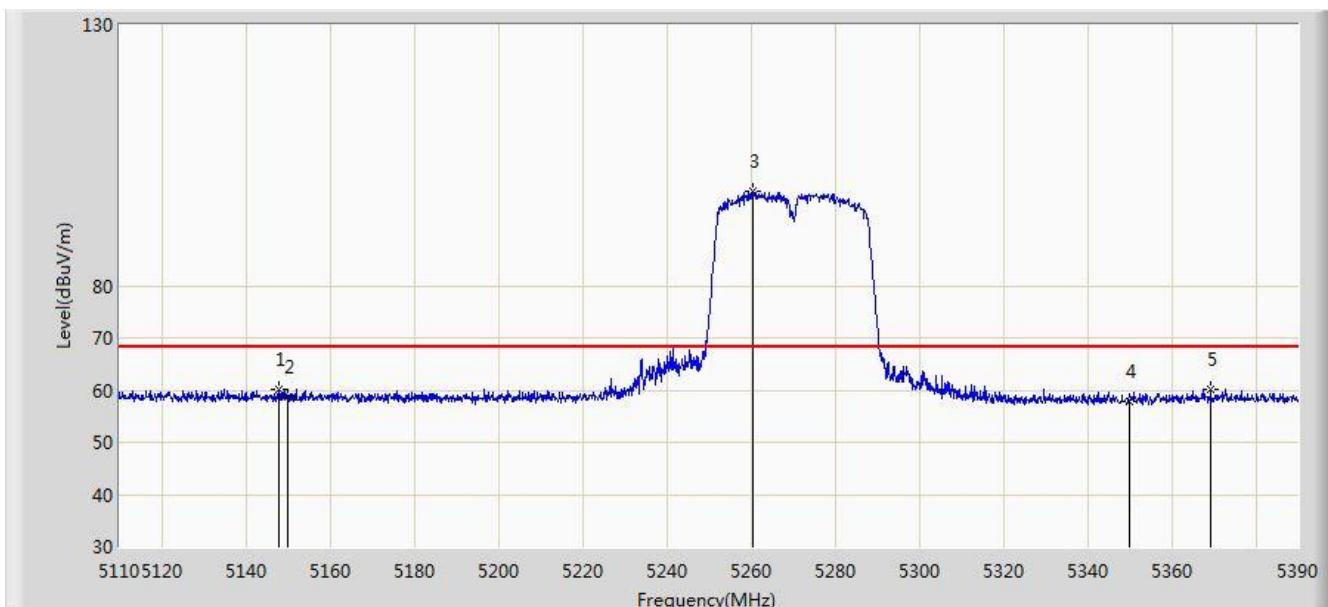


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5150.000	53.331	49.162	-0.669	54.000	4.170	AV
2	*		5193.250	104.133	100.111	N/A	N/A	4.023	AV

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

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

Site: AC1	Time: 2018/04/10 - 03:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5270MHz Ant 1	

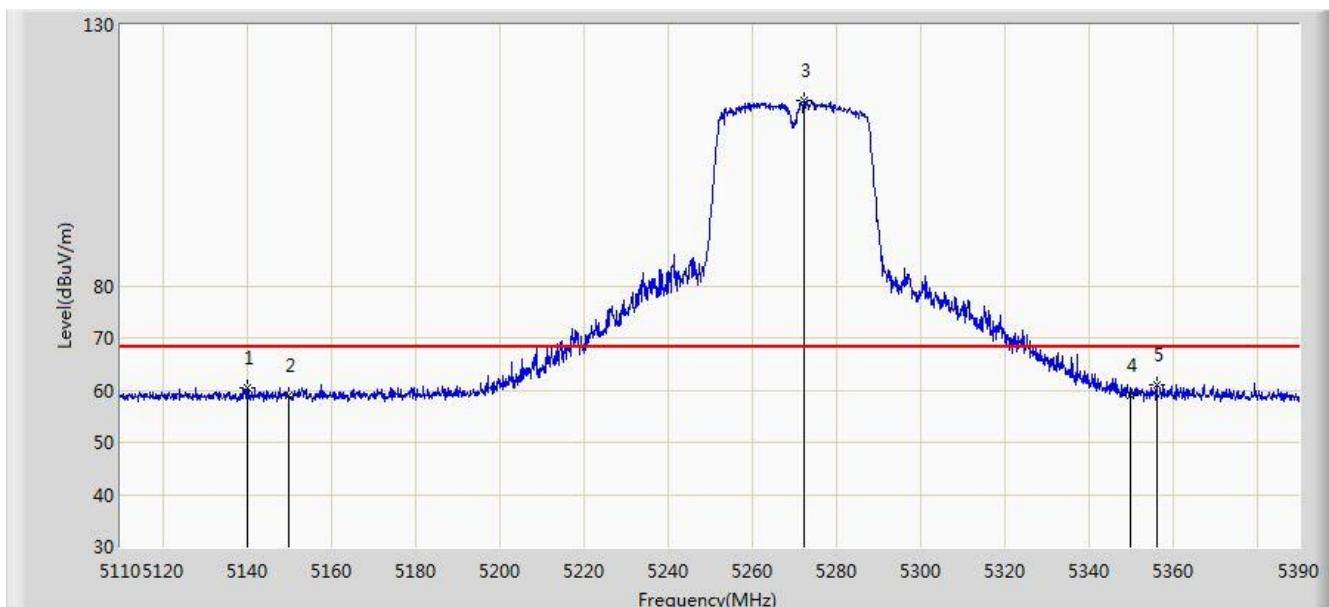


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5147.800	60.254	56.078	-7.946	68.200	4.176	PK
2			5150.000	58.837	54.668	-9.363	68.200	4.170	PK
3		*	5260.500	98.006	94.164	N/A	N/A	3.843	PK
4			5350.000	57.851	53.946	-10.349	68.200	3.904	PK
5			5369.280	60.001	56.062	-8.199	68.200	3.940	PK

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

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

Site: AC1	Time: 2018/04/10 - 03:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5270MHz Ant 1	

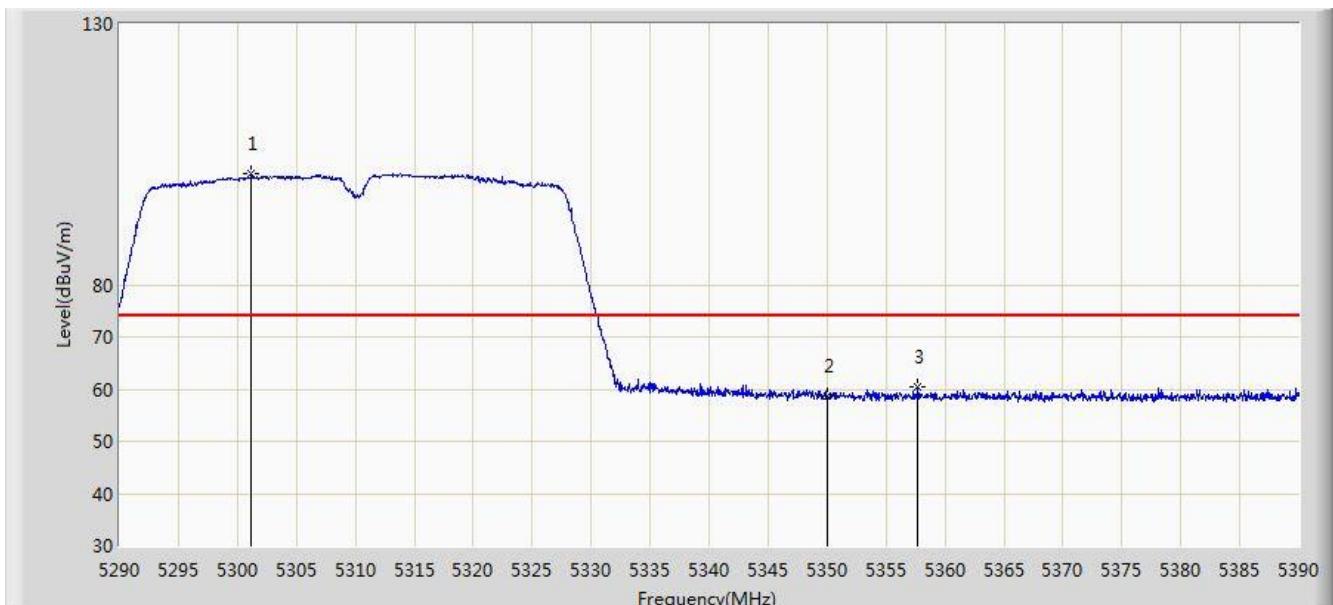


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5140.100	60.350	56.175	-7.850	68.200	4.175	PK
2			5150.000	58.870	54.701	-9.330	68.200	4.170	PK
3		*	5272.540	115.364	111.531	N/A	N/A	3.833	PK
4			5350.000	59.130	55.225	-9.070	68.200	3.904	PK
5			5356.260	61.064	57.148	-7.136	68.200	3.917	PK

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

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

Site: AC1	Time: 2018/03/22 - 02:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5310MHz Ant 1	

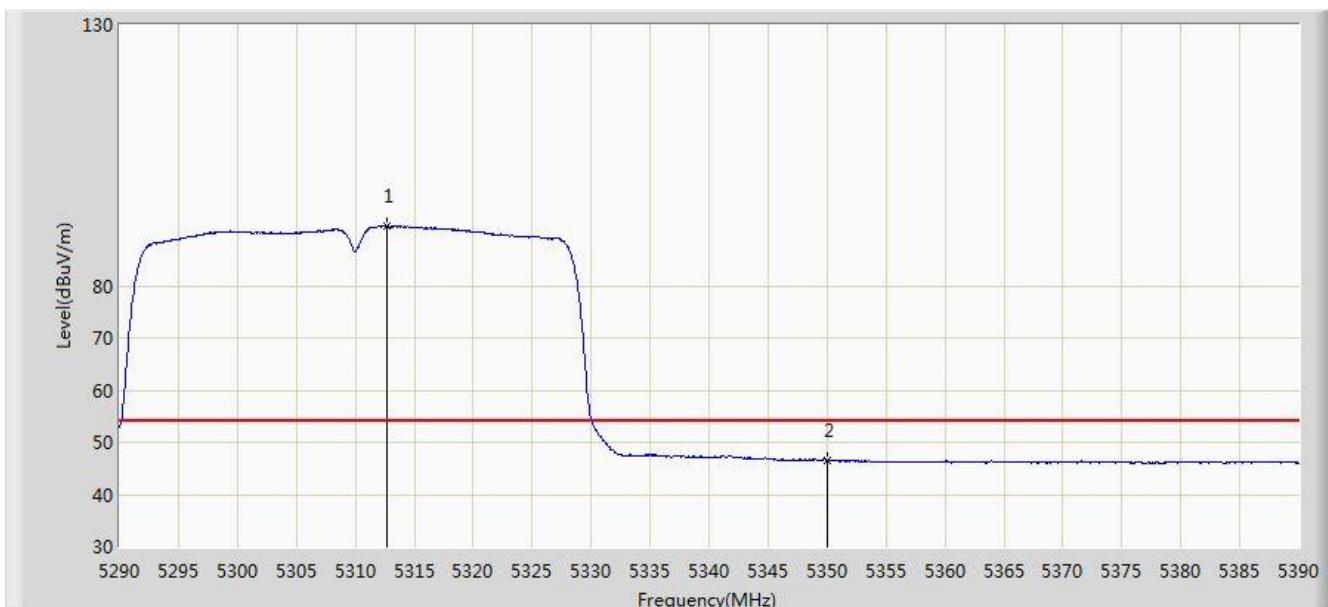


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5301.200	101.427	97.614	N/A	N/A	3.813	PK
2			5350.000	58.692	54.787	-15.308	74.000	3.904	PK
3			5357.700	60.310	56.391	-13.690	74.000	3.919	PK

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

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

Site: AC1	Time: 2018/03/22 - 02:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5310MHz Ant 1	

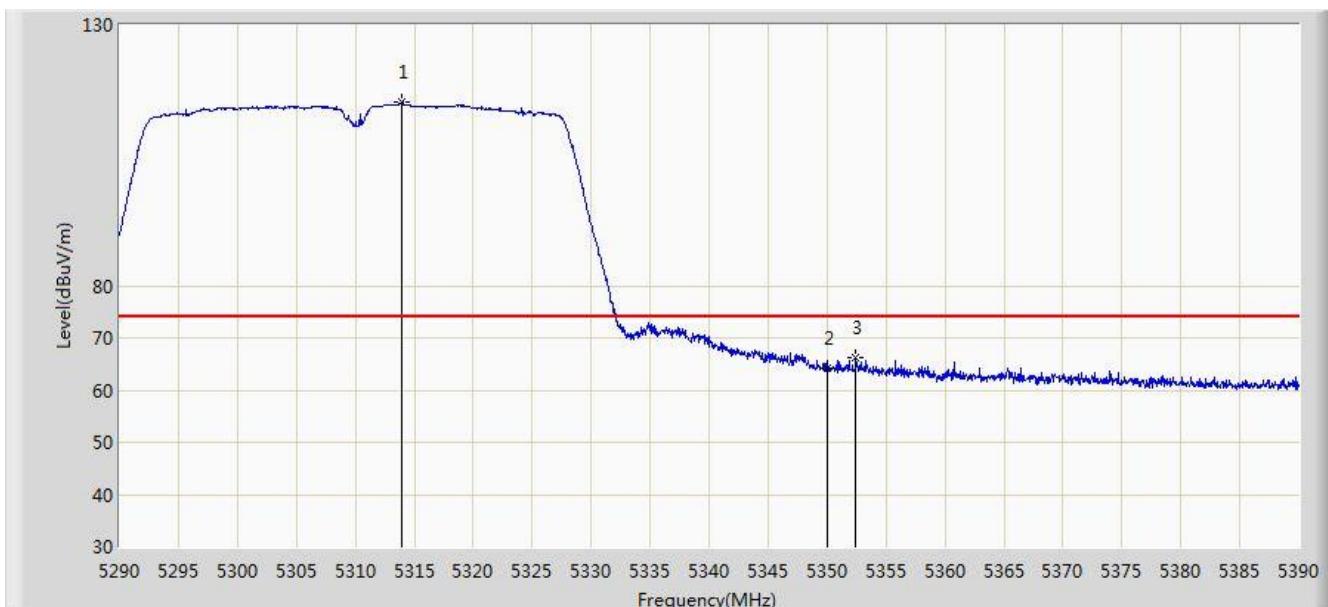


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5312.650	91.460	87.625	N/A	N/A	3.835	AV
2			5350.000	46.601	42.696	-7.399	54.000	3.904	AV

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

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

Site: AC1	Time: 2018/03/22 - 02:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5310MHz Ant 1	

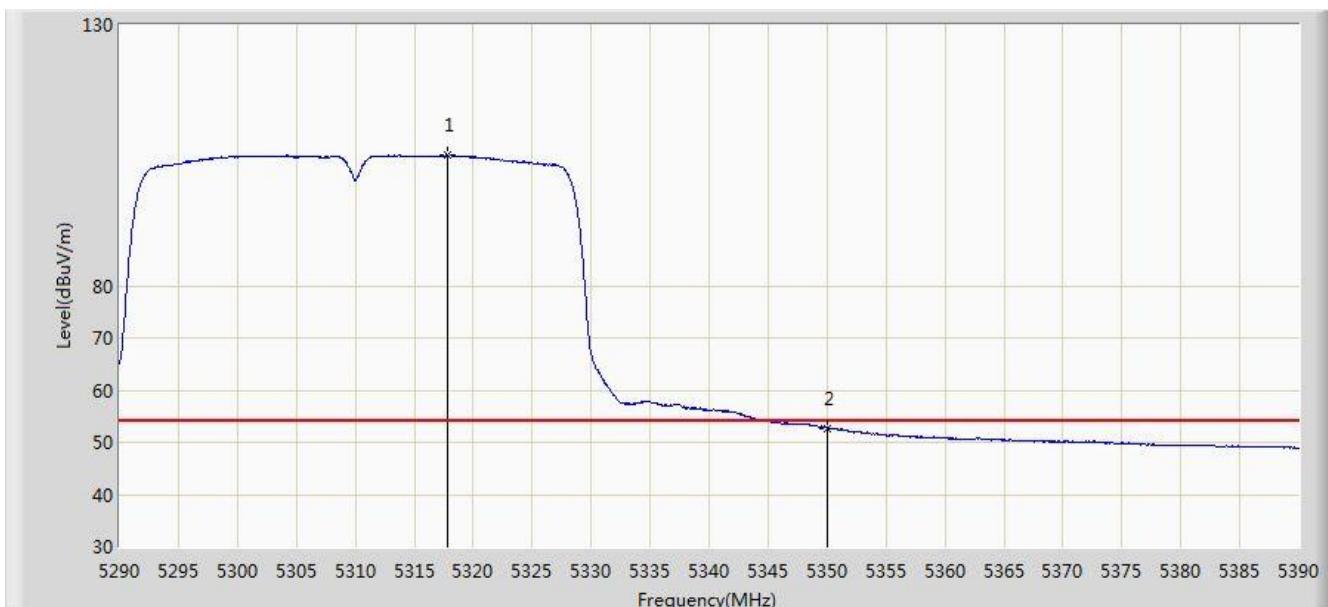


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5313.900	115.167	111.330	N/A	N/A	3.837	PK
2			5350.000	64.277	60.372	-9.723	74.000	3.904	PK
3			5352.450	66.104	62.195	-7.896	74.000	3.909	PK

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

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

Site: AC1	Time: 2018/03/22 - 02:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5310MHz Ant 1	

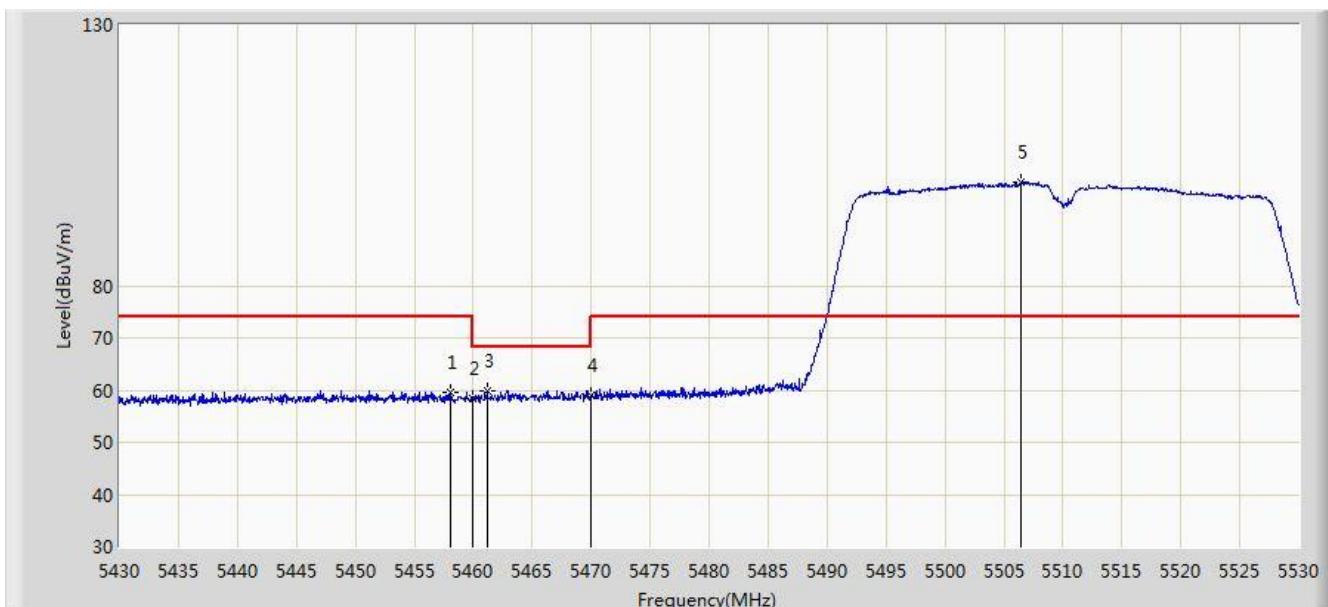


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5317.800	105.026	101.182	N/A	N/A	3.845	AV
2			5350.000	52.714	48.809	-1.286	54.000	3.904	AV

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

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

Site: AC1	Time: 2018/03/22 - 02:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5510MHz Ant 1	

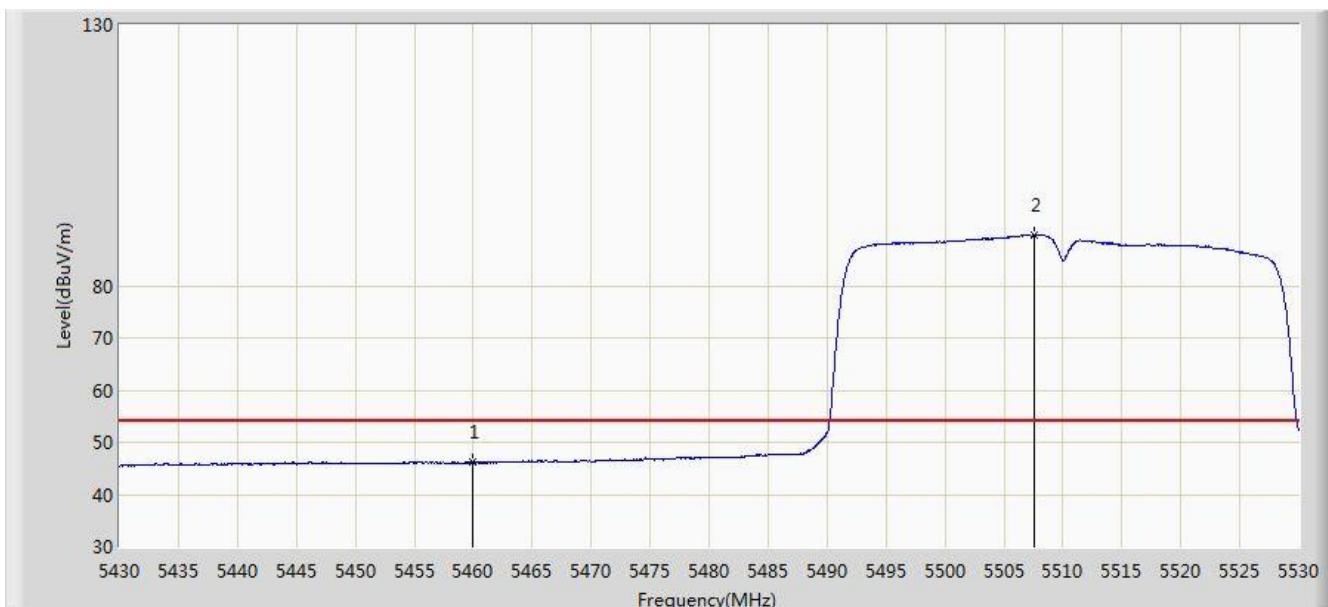


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.050	59.684	55.508	-14.316	74.000	4.176	PK
2			5460.000	58.353	54.173	-15.647	74.000	4.180	PK
3			5461.200	60.000	55.817	-8.200	68.200	4.183	PK
4			5470.000	59.097	54.895	-9.103	68.200	4.202	PK
5	*		5506.450	99.792	95.501	N/A	N/A	4.291	PK

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

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

Site: AC1	Time: 2018/03/22 - 02:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5510MHz Ant 1	

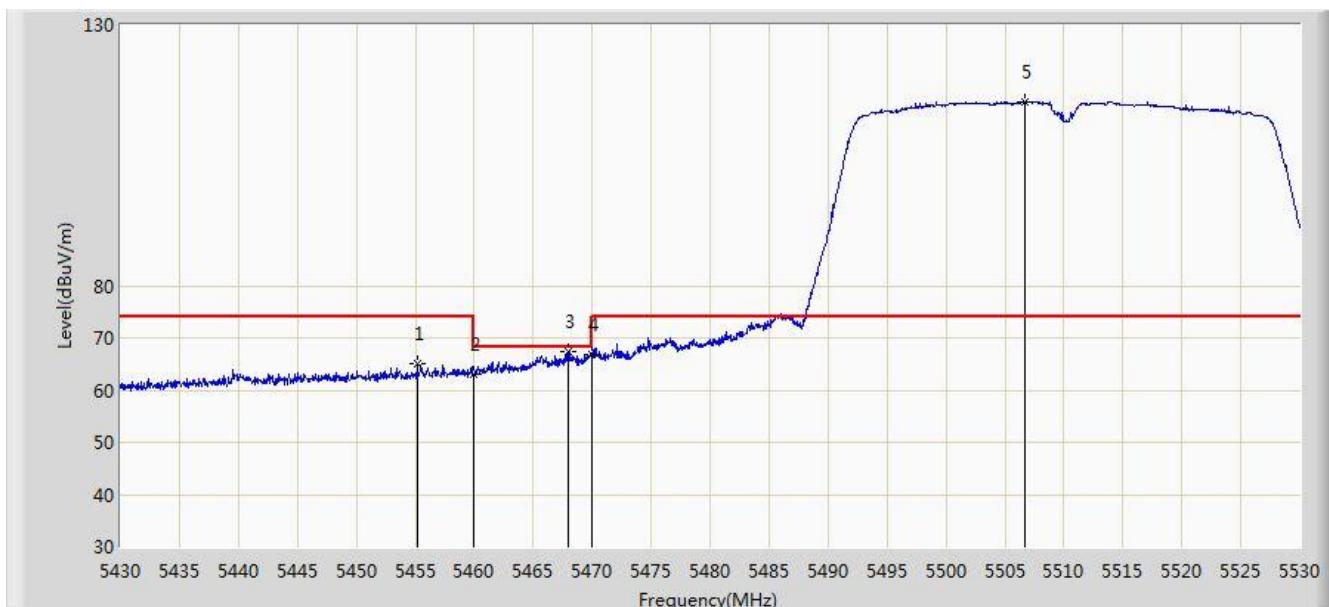


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5460.000	46.146	41.966	-7.854	54.000	4.180	AV
2	*		5507.550	89.625	85.331	N/A	N/A	4.295	AV

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

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

Site: AC1	Time: 2018/03/22 - 02:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5510MHz Ant 1	

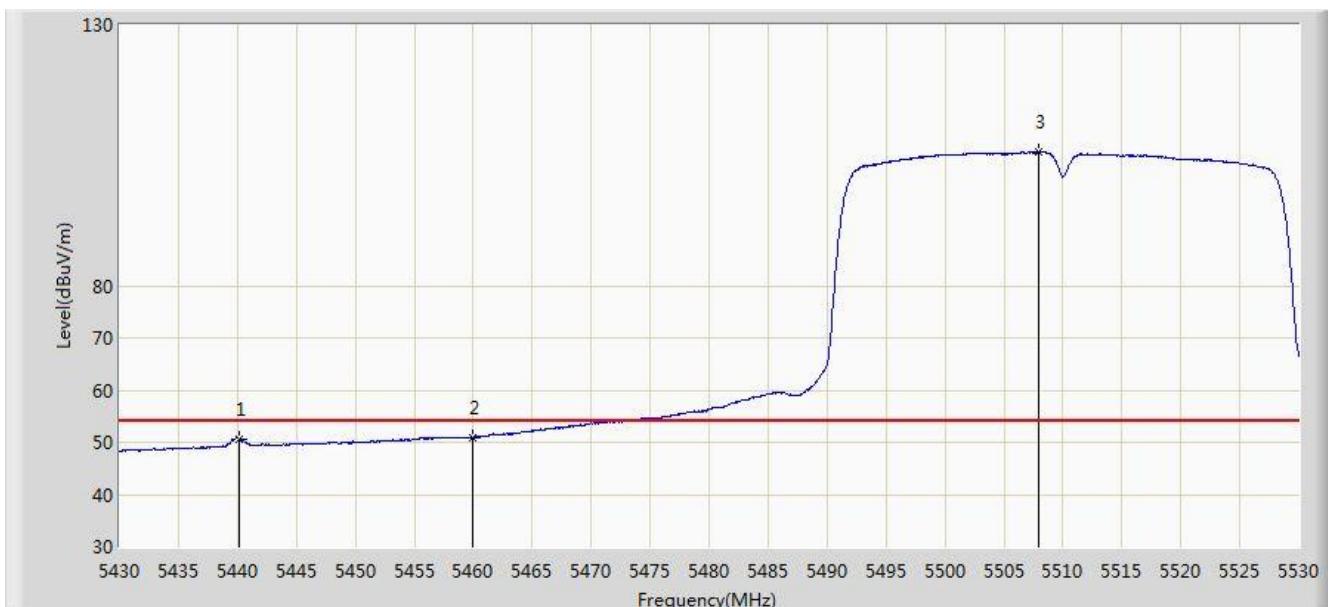


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5455.200	64.952	60.782	-9.048	74.000	4.170	PK
2			5460.000	63.149	58.969	-10.851	74.000	4.180	PK
3			5467.950	67.464	63.266	-0.736	68.200	4.198	PK
4			5470.000	66.781	62.579	-1.419	68.200	4.202	PK
5	*	*	5506.650	115.310	111.019	N/A	N/A	4.292	PK

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

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

Site: AC1	Time: 2018/03/22 - 02:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5510MHz Ant 1	

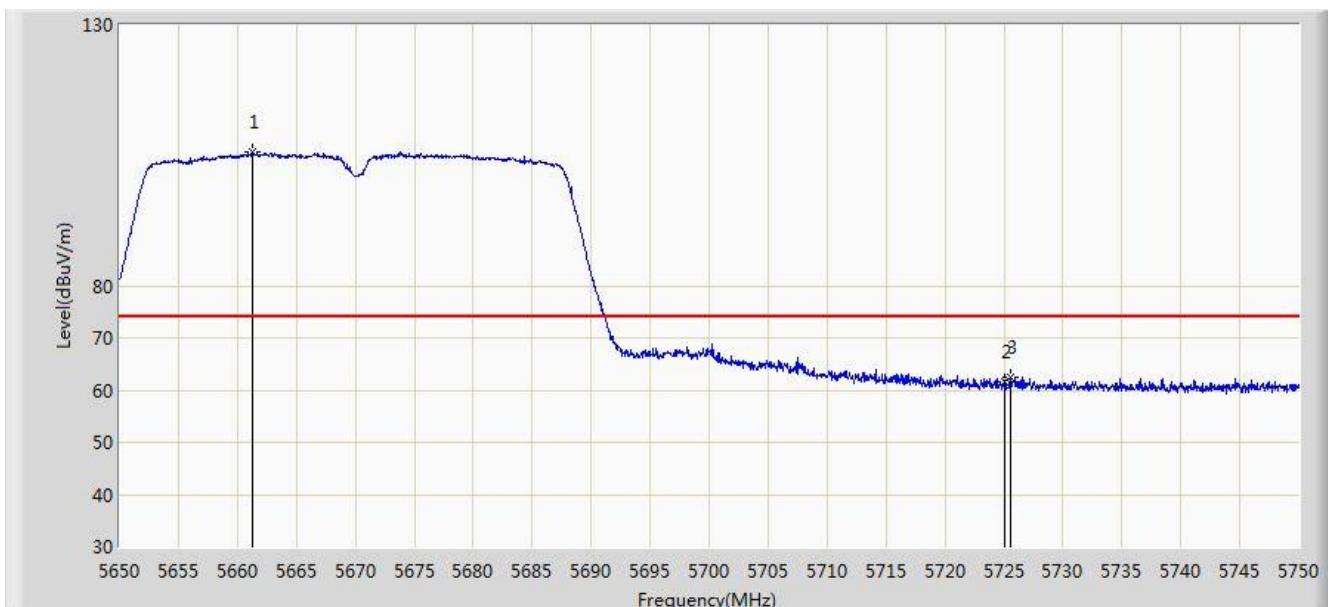


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5440.200	50.697	46.572	-3.303	54.000	4.125	AV
2			5460.000	50.854	46.674	-3.146	54.000	4.180	AV
3		*	5507.900	105.627	101.332	N/A	N/A	4.295	AV

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

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

Site: AC1	Time: 2018/03/22 - 02:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5670MHz Ant 1	

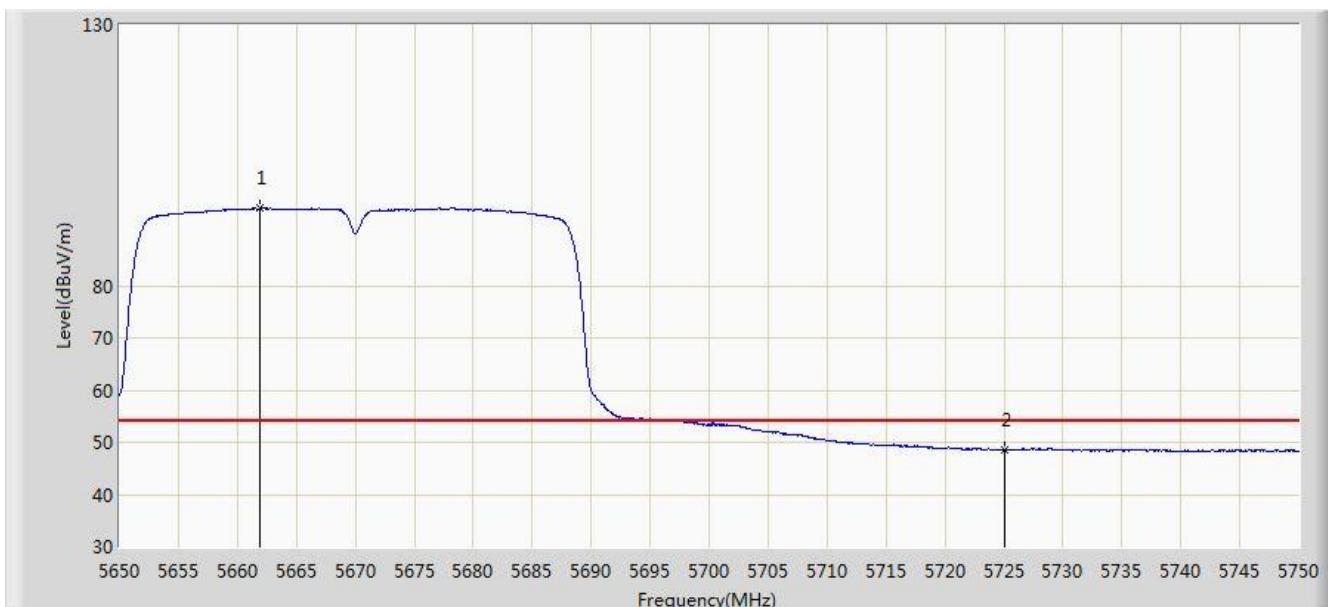


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5661.300	105.623	100.911	N/A	N/A	4.712	PK
2			5725.000	61.690	56.661	-12.310	74.000	5.029	PK
3			5725.550	62.546	57.513	-11.454	74.000	5.032	PK

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

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

Site: AC1	Time: 2018/03/22 - 02:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5670MHz Ant 1	

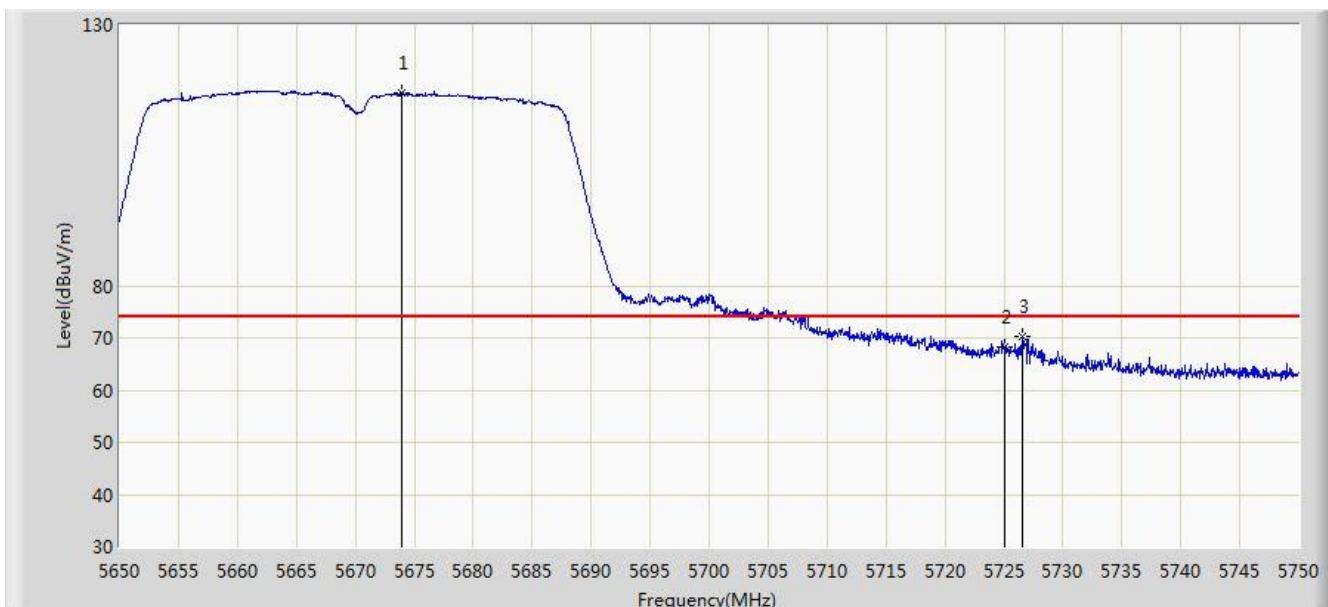


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5661.900	94.904	90.190	N/A	N/A	4.714	AV
2			5725.000	48.634	43.605	-5.366	54.000	5.029	AV

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

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

Site: AC1	Time: 2018/03/22 - 02:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5670MHz Ant 1	

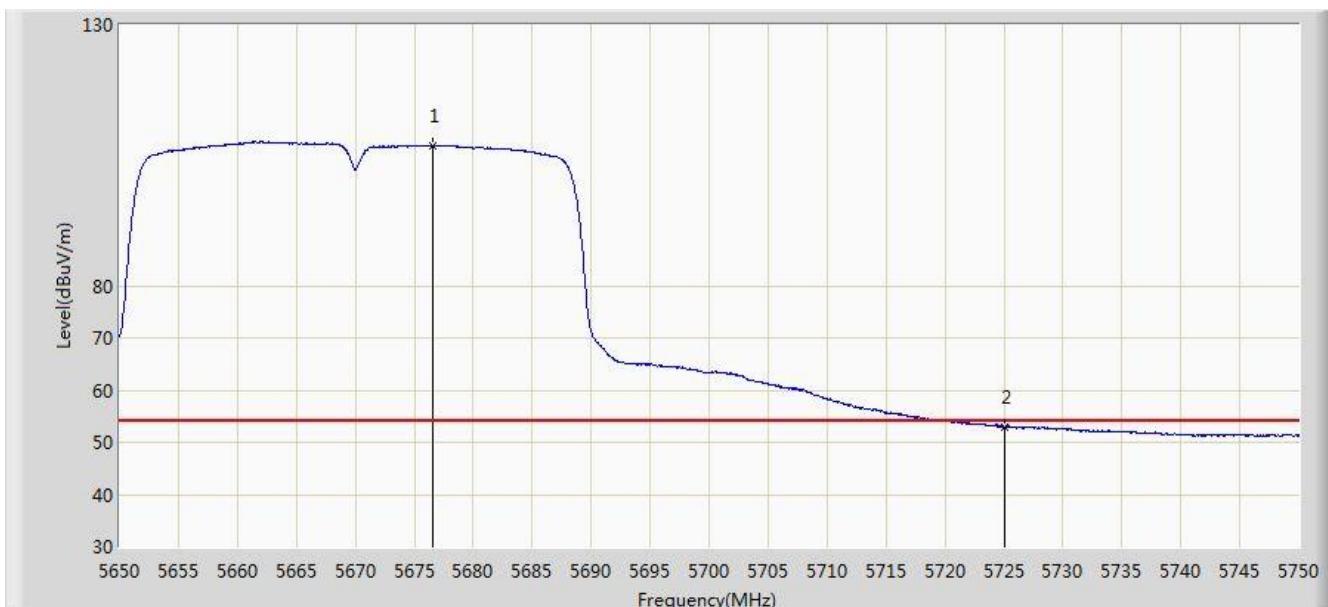


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5673.900	116.968	112.205	N/A	N/A	4.762	PK
2			5725.000	68.365	63.336	-5.635	74.000	5.029	PK
3			5726.550	70.412	65.373	-3.588	74.000	5.039	PK

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

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

Site: AC1	Time: 2018/03/22 - 02:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5670MHz Ant 1	

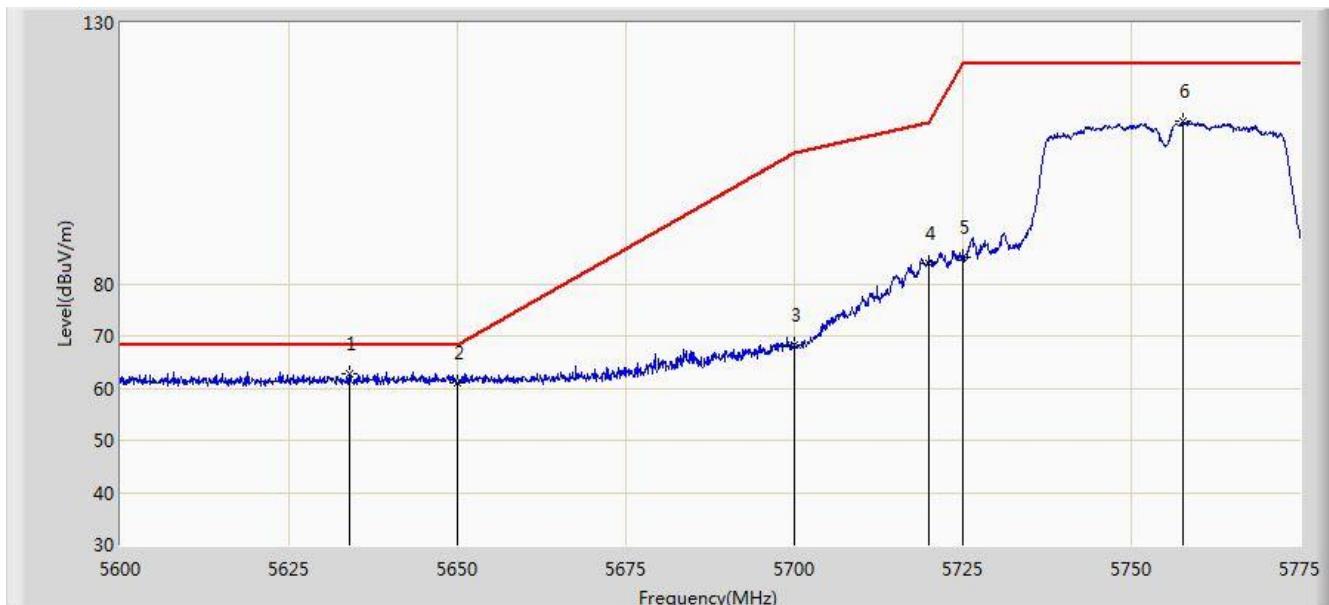


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5676.550	106.887	102.114	N/A	N/A	4.772	AV
2			5725.000	52.973	47.944	-1.027	54.000	5.029	AV

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

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

Site: AC1	Time: 2018/03/22 - 02:59
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz Ant 1	

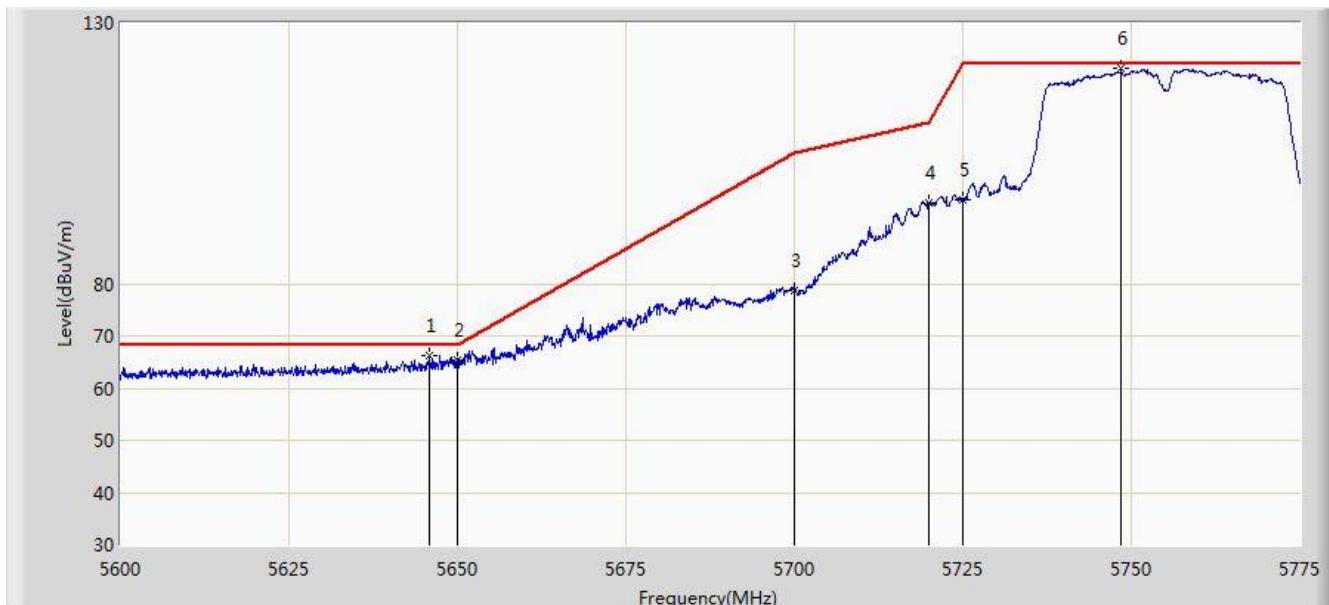


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5634.038	62.870	58.249	-5.330	68.200	4.621	PK
2			5650.000	61.102	56.431	-7.098	68.200	4.671	PK
3			5700.000	68.383	63.505	-36.817	105.200	4.878	PK
4			5720.000	83.990	78.993	-26.810	110.800	4.997	PK
5			5725.000	84.998	79.969	-37.202	122.200	5.029	PK
6			5757.587	111.054	105.828	N/A	N/A	5.226	PK

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

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

Site: AC1	Time: 2018/03/22 - 02:57
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz Ant 1	

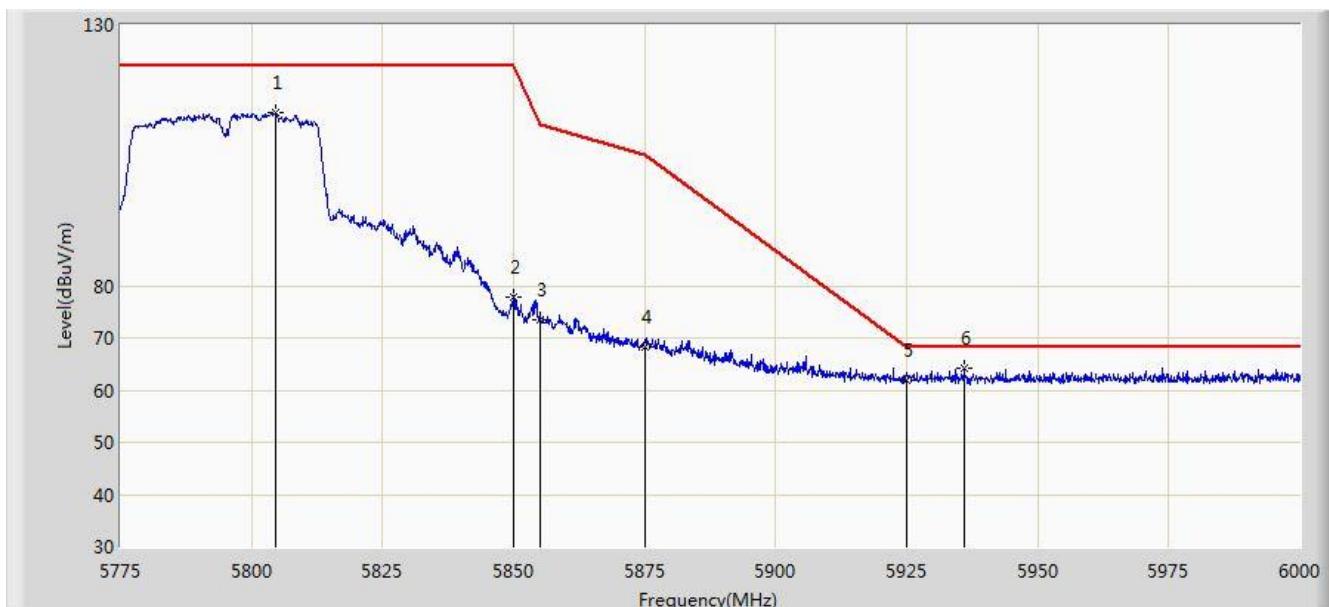


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5645.937	66.182	61.525	-2.018	68.200	4.657	PK
2			5650.000	65.288	60.617	-2.912	68.200	4.671	PK
3			5700.000	78.556	73.678	-26.644	105.200	4.878	PK
4			5720.000	95.595	90.598	-15.205	110.800	4.997	PK
5			5725.000	96.108	91.079	-26.092	122.200	5.029	PK
6	*		5748.487	121.412	116.237	N/A	N/A	5.175	PK

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

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

Site: AC1	Time: 2018/03/22 - 03:01
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5795MHz Ant 1	

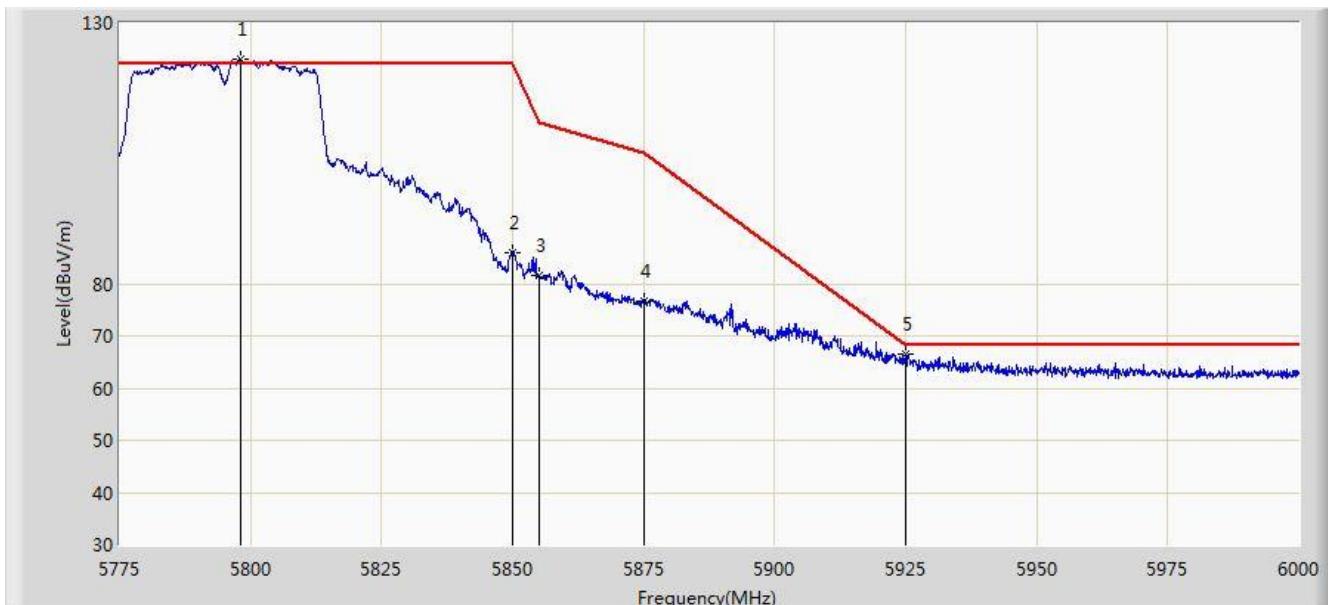


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5804.475	113.088	107.618	N/A	N/A	5.470	PK
2			5850.000	77.807	72.081	-44.393	122.200	5.726	PK
3			5855.000	73.406	67.660	-37.394	110.800	5.746	PK
4			5875.000	68.344	62.524	-36.856	105.200	5.820	PK
5			5925.000	61.869	55.903	-6.331	68.200	5.967	PK
6	*		5935.987	64.239	58.245	-3.961	68.200	5.993	PK

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

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

Site: AC1	Time: 2018/03/22 - 03:02
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5795MHz Ant 1	

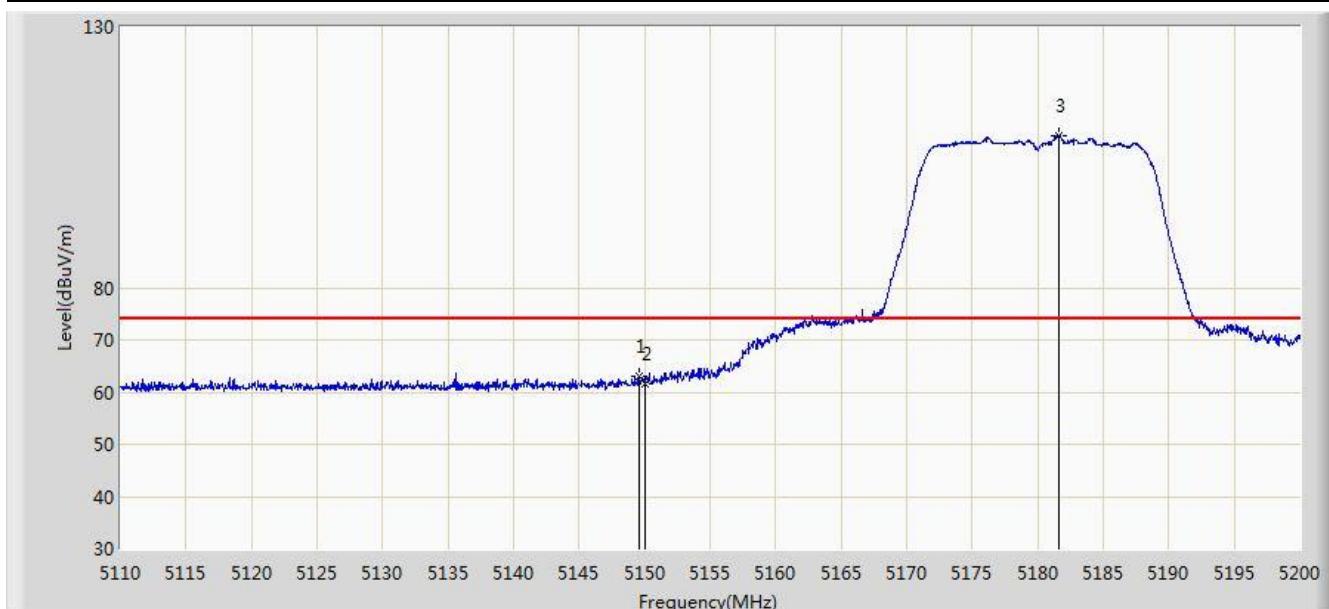


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5798.175	123.039	117.604	N/A	N/A	5.435	PK
2			5850.000	85.833	80.107	-36.367	122.200	5.726	PK
3			5855.000	81.511	75.765	-29.289	110.800	5.746	PK
4			5875.000	76.555	70.735	-28.645	105.200	5.820	PK
5			5925.000	66.378	60.412	-1.822	68.200	5.967	PK

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

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

Site: AC1	Time: 2018/03/22 - 03:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 1	

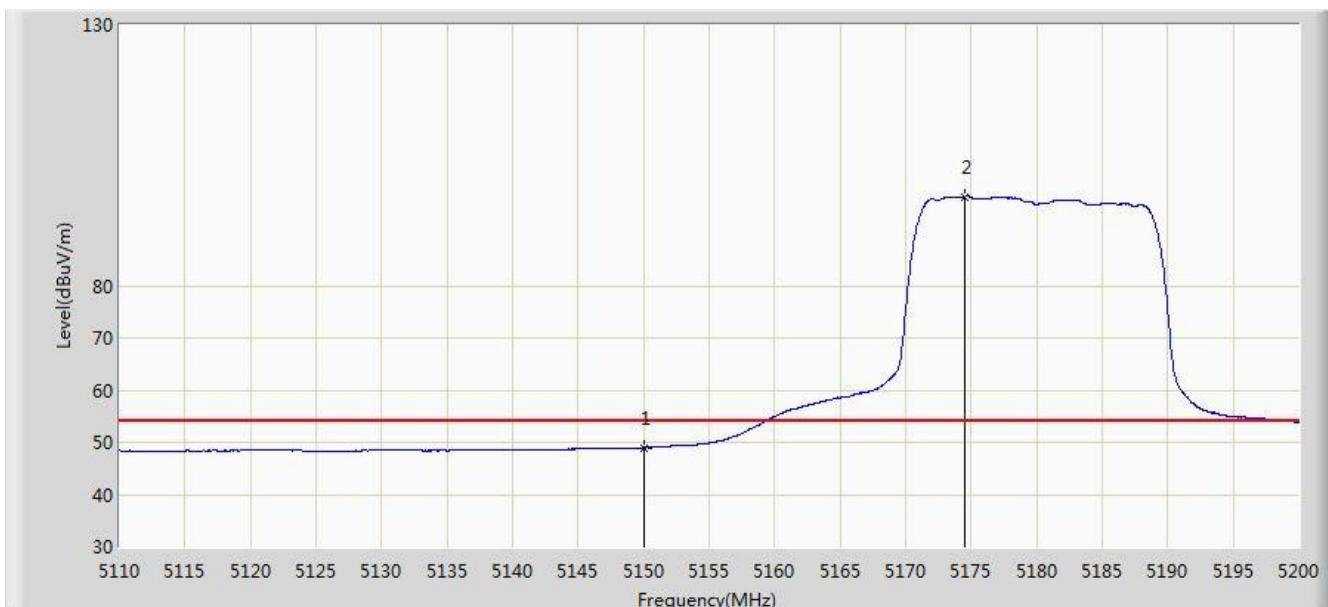


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5149.555	63.080	58.909	-10.920	74.000	4.170	PK
2			5150.000	61.586	57.417	-12.414	74.000	4.170	PK
3		*	5181.640	109.043	104.980	N/A	N/A	4.063	PK

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

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

Site: AC1	Time: 2018/03/22 - 03:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 1	

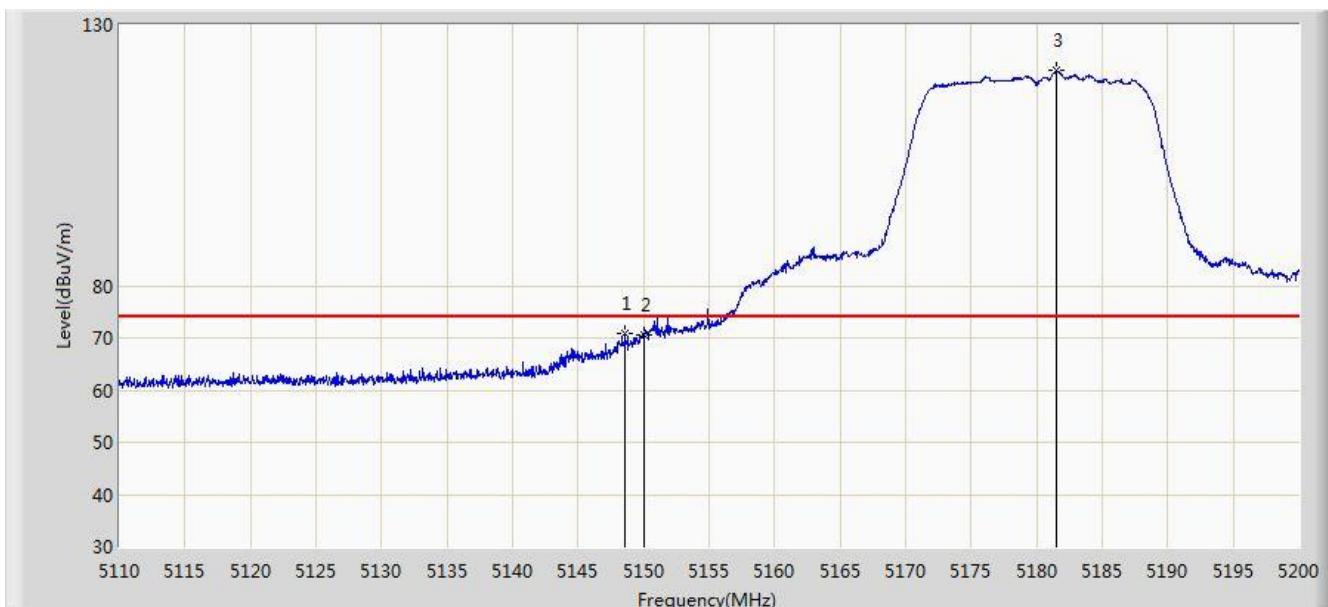


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5150.000	48.985	44.816	-5.015	54.000	4.170	AV
2	*		5174.485	97.094	93.006	N/A	N/A	4.089	AV

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

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

Site: AC1	Time: 2018/03/22 - 03:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 1	

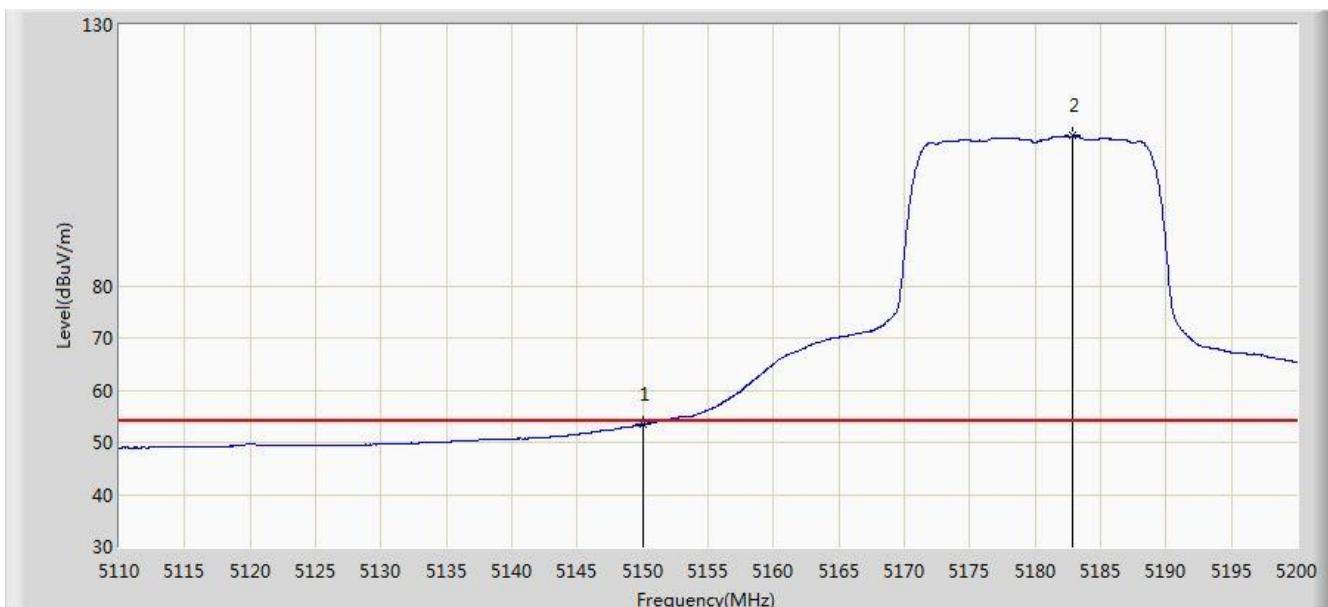


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.565	70.752	66.578	-3.248	74.000	4.173	PK
2			5150.000	70.716	66.547	-3.284	74.000	4.170	PK
3		*	5181.550	121.212	117.149	N/A	N/A	4.064	PK

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

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

Site: AC1	Time: 2018/03/22 - 03:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 1	

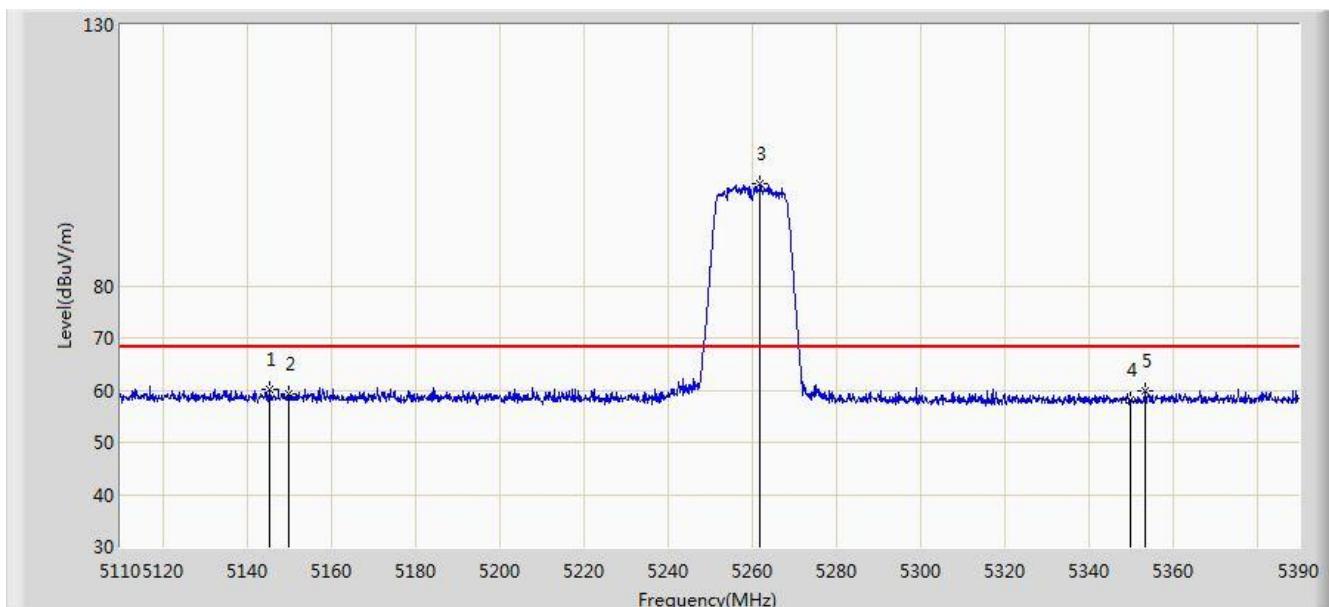


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5150.000	53.434	49.265	-0.566	54.000	4.170	AV
2	X	*	5182.900	108.740	104.681	N/A	N/A	4.059	AV

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

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

Site: AC1	Time: 2018/04/10 - 03:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: AC220m Wi-Fi module OD US (Wi-Fi Directional Antenna)	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11av-VHT20 at Channel 5260MHz Ant 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.560	60.224	56.048	-7.976	68.200	4.176	PK
2			5150.000	59.150	54.981	-9.050	68.200	4.170	PK
3		*	5262.040	99.507	95.666	N/A	N/A	3.841	PK
4			5350.000	58.097	54.192	-10.103	68.200	3.904	PK
5			5353.460	59.738	55.827	-8.462	68.200	3.911	PK

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

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