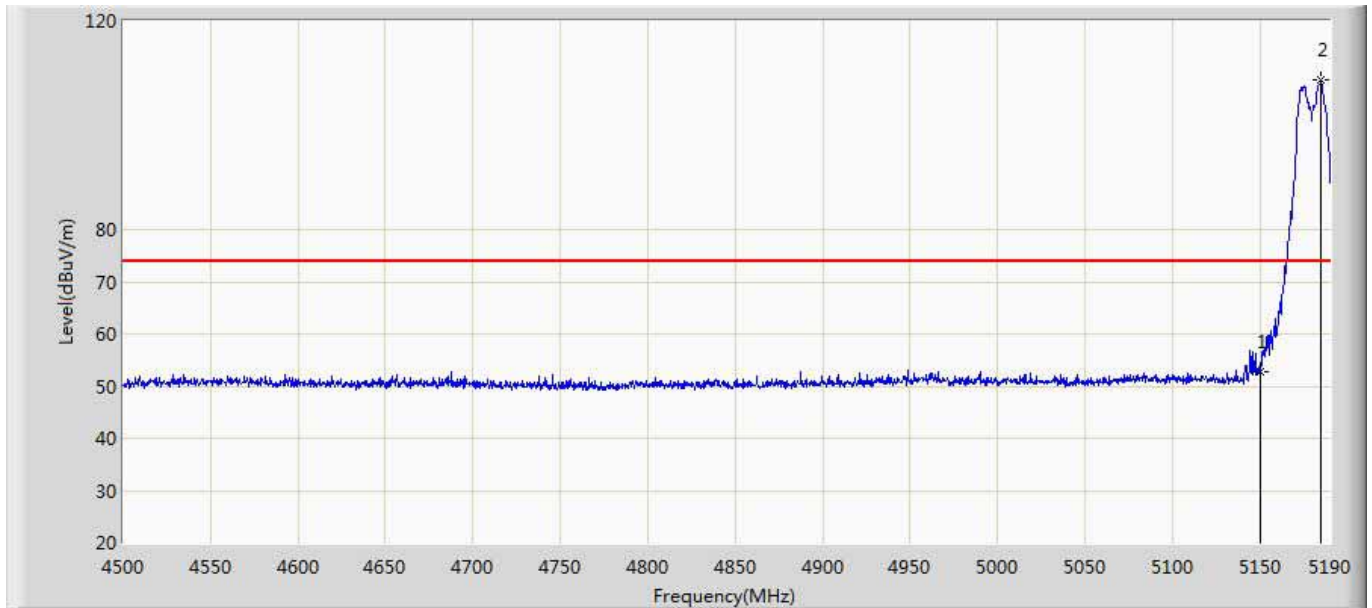
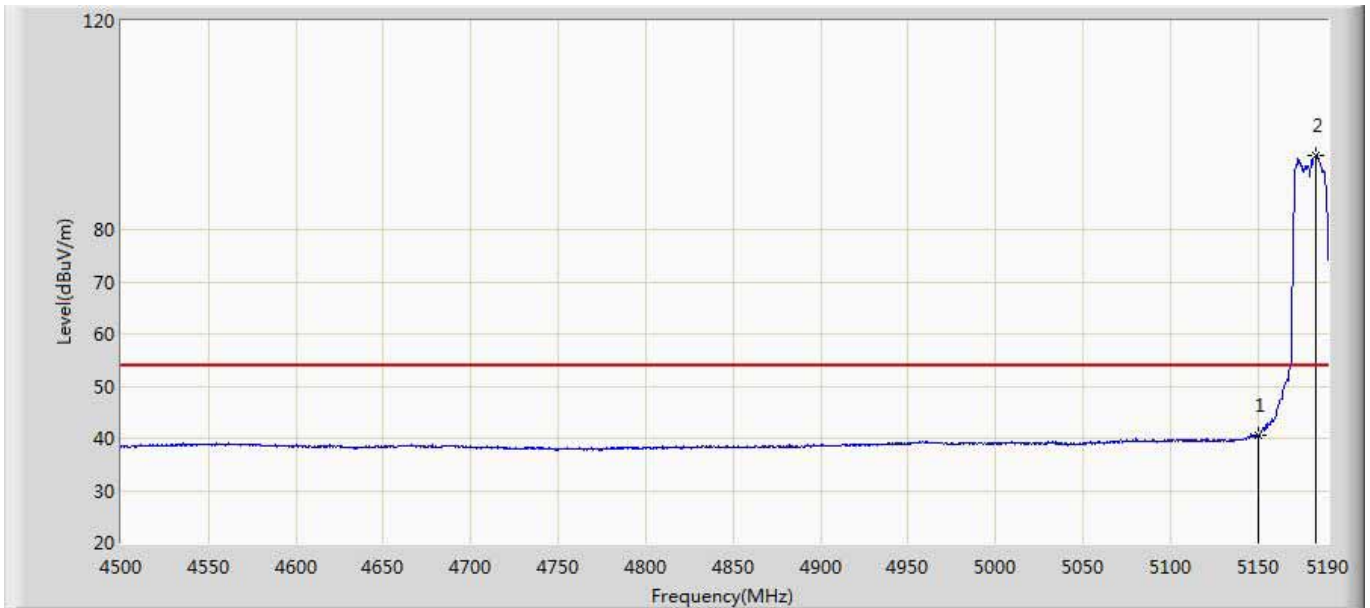


Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 21:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5180MHz by 802.11AC20	



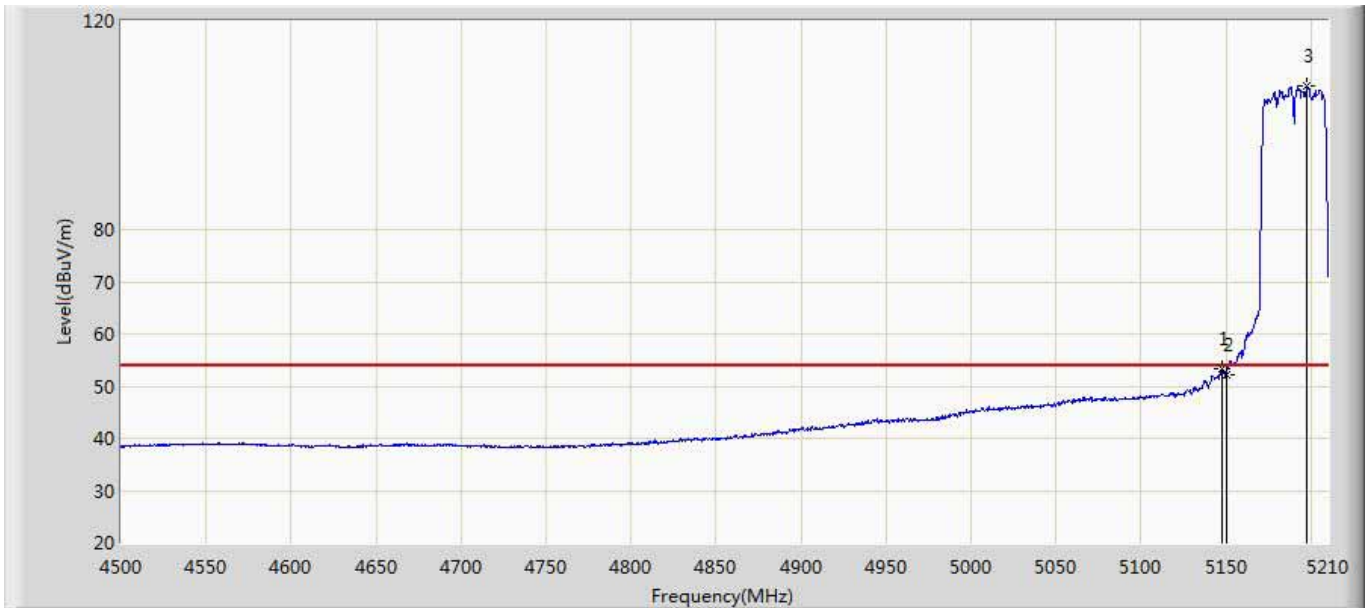
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.796	13.262	-21.204	74.000	39.534	PK
2	*	5185.170	108.620	69.037	34.620	74.000	39.582	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 21:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5180MHz by 802.11AC20	



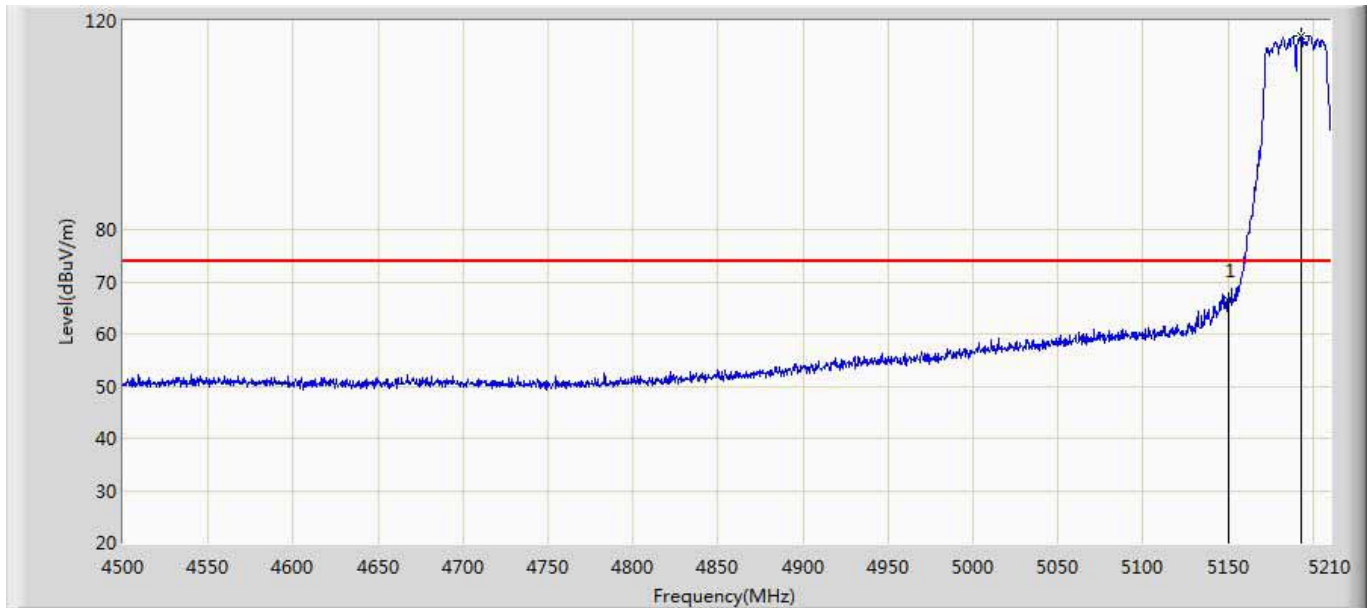
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	40.545	1.011	-13.455	54.000	39.534	AV
2	*	5183.100	94.237	54.673	40.237	54.000	39.564	AV

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 21:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5190MHz by 802.11N40	



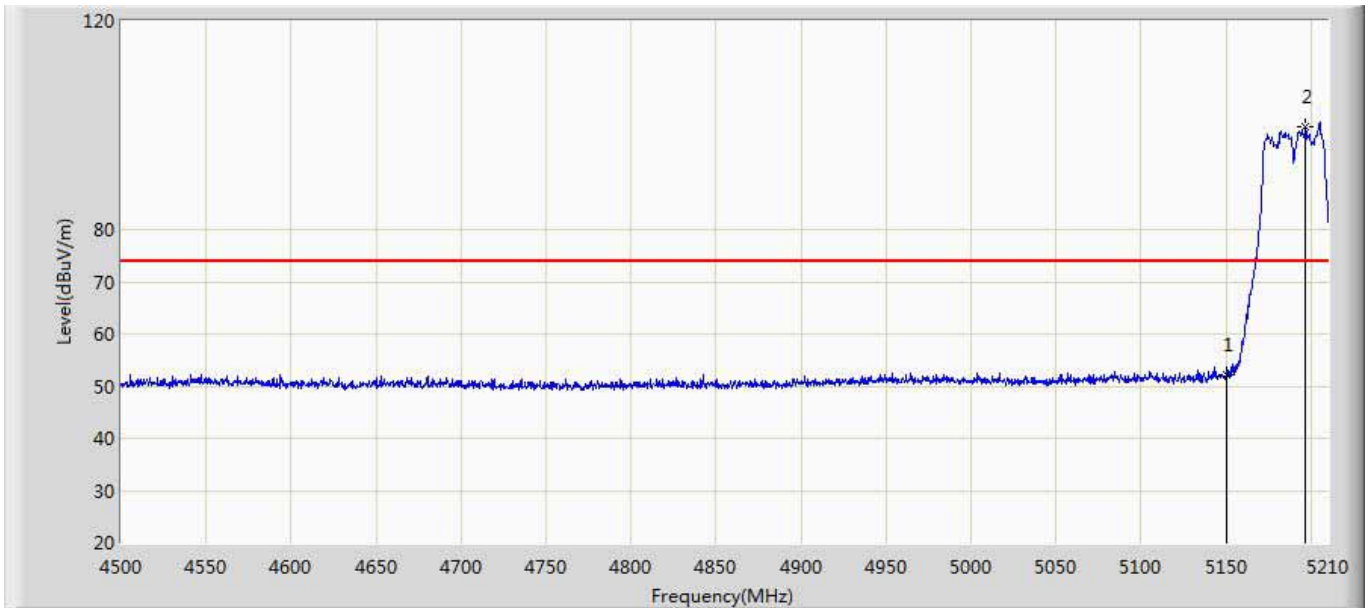
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5147.520	53.383	13.870	-0.617	54.000	39.514	AV
2		5150.000	52.149	12.615	-1.851	54.000	39.534	AV
3	*	5197.930	107.432	67.733	53.432	54.000	39.699	AV

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 22:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5190MHz by 802.11N40	



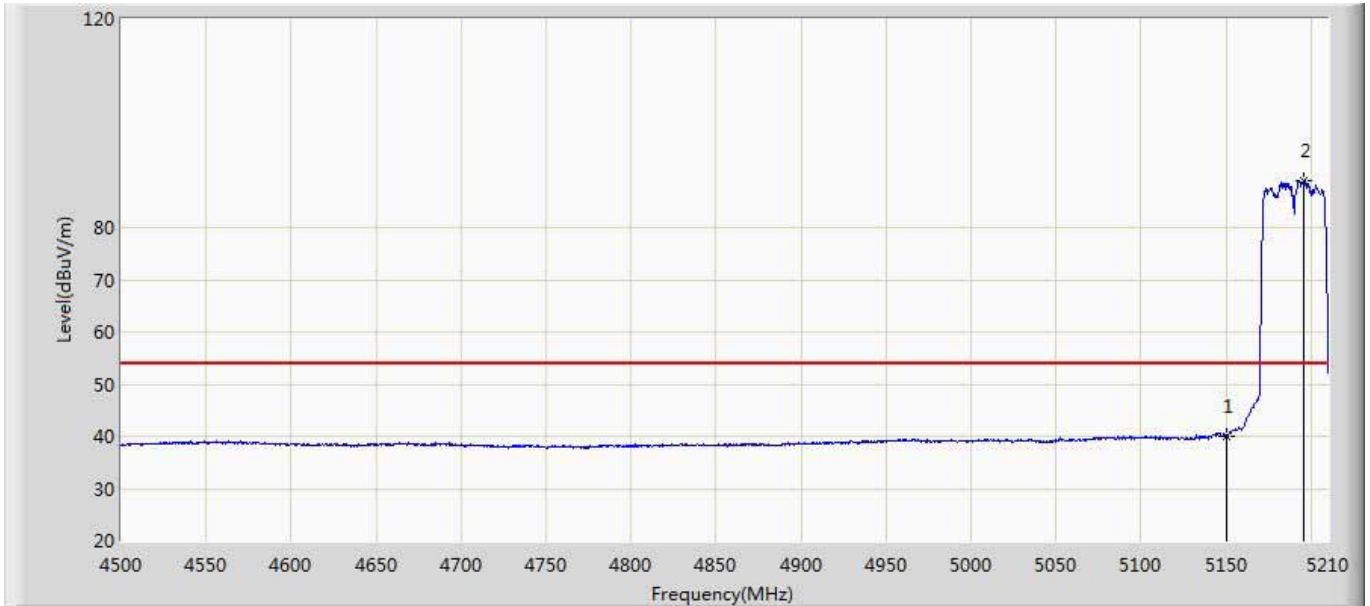
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	66.418	26.884	-7.582	74.000	39.534	PK
2	*	5192.960	117.017	77.364	43.017	74.000	39.654	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 22:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5190MHz by 802.11N40	



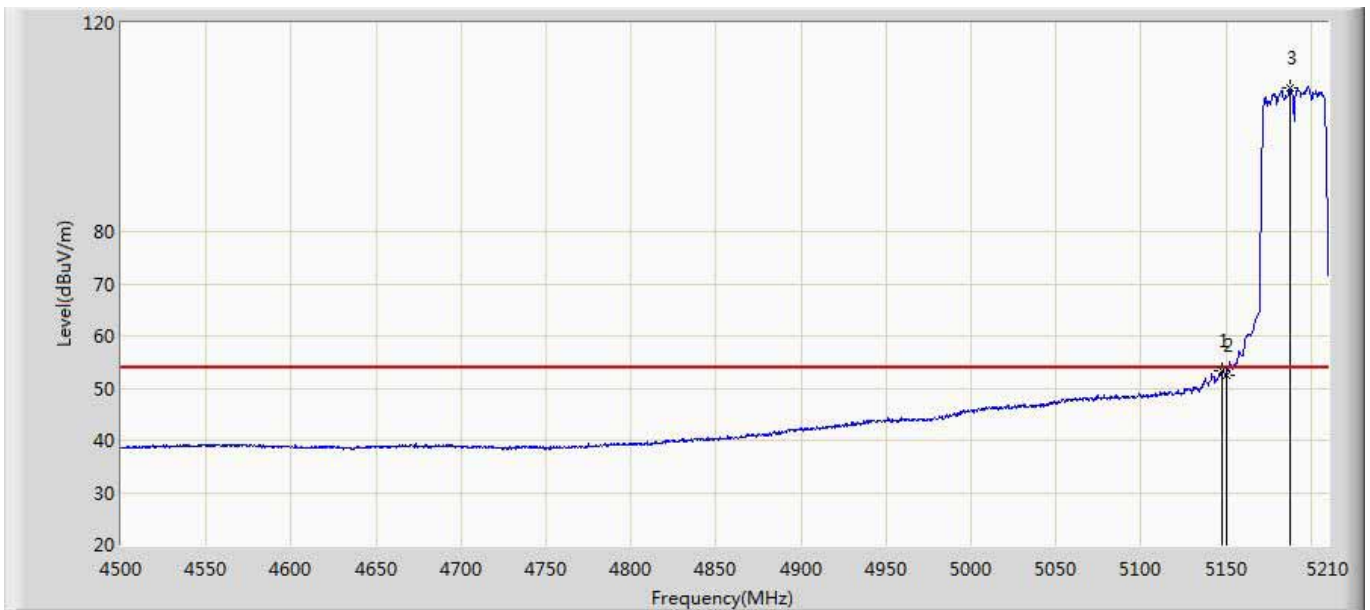
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.174	12.640	-21.826	74.000	39.534	PK
2	*	5196.865	99.721	60.032	25.721	74.000	39.689	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 22:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5190MHz by 802.11N40	



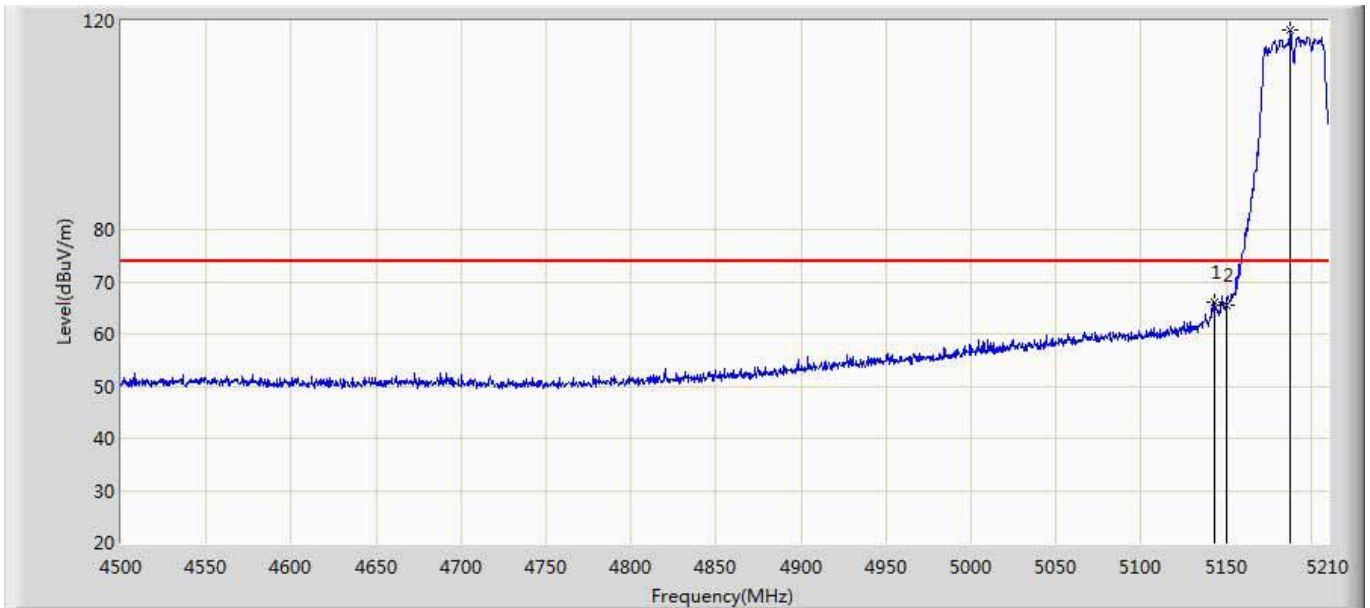
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	40.111	0.577	-13.889	54.000	39.534	AV
2	*	5196.155	88.933	49.250	34.933	54.000	39.682	AV

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 22:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190MHz by 802.11AC40	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5147.875	53.429	13.915	-0.571	54.000	39.514	AV
2		5150.000	52.427	12.893	-1.573	54.000	39.534	AV
3	*	5187.635	107.505	67.900	53.505	54.000	39.605	AV

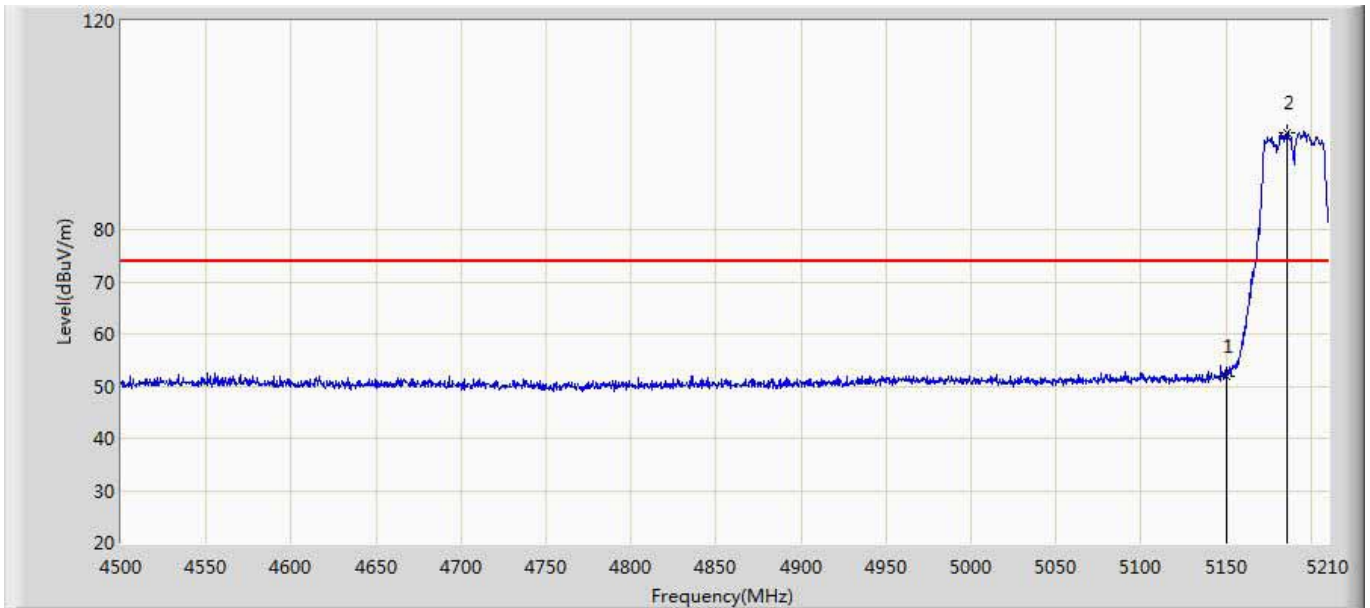
Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 22:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190MHz by 802.11AC40	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5142.905	66.156	26.652	-7.844	74.000	39.505	PK
2		5150.000	65.440	25.906	-8.560	74.000	39.534	PK
3	*	5187.990	118.245	78.637	44.245	74.000	39.608	PK

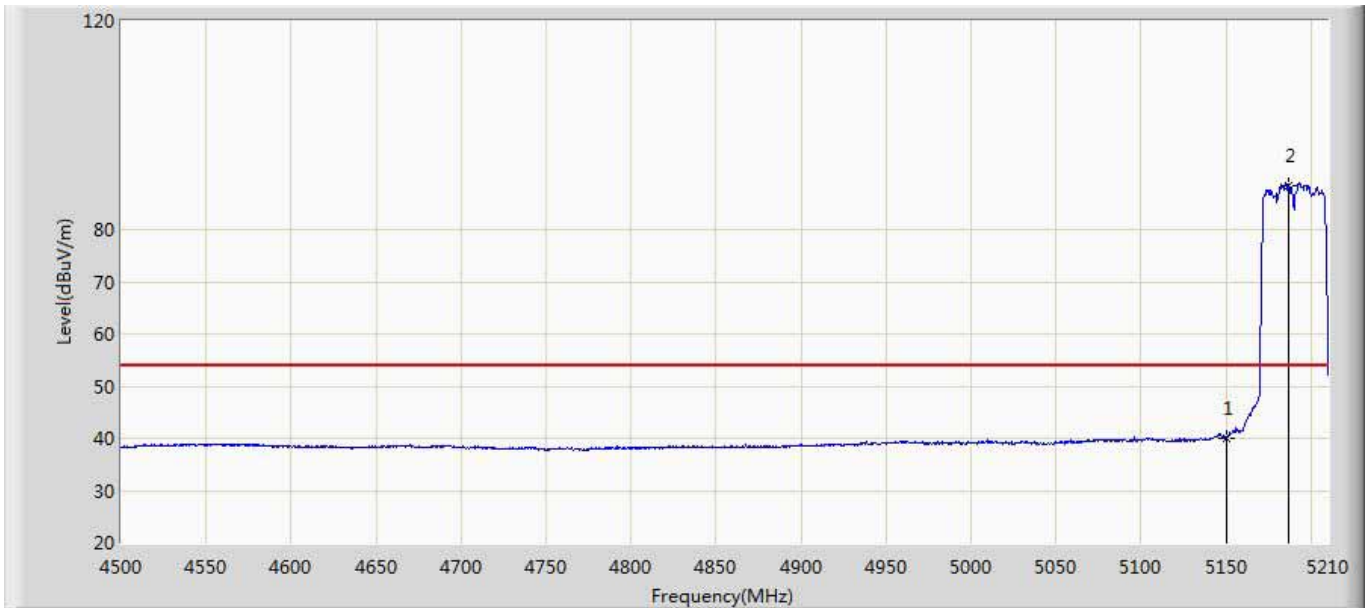


Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 22:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190MHz by 802.11AC40	



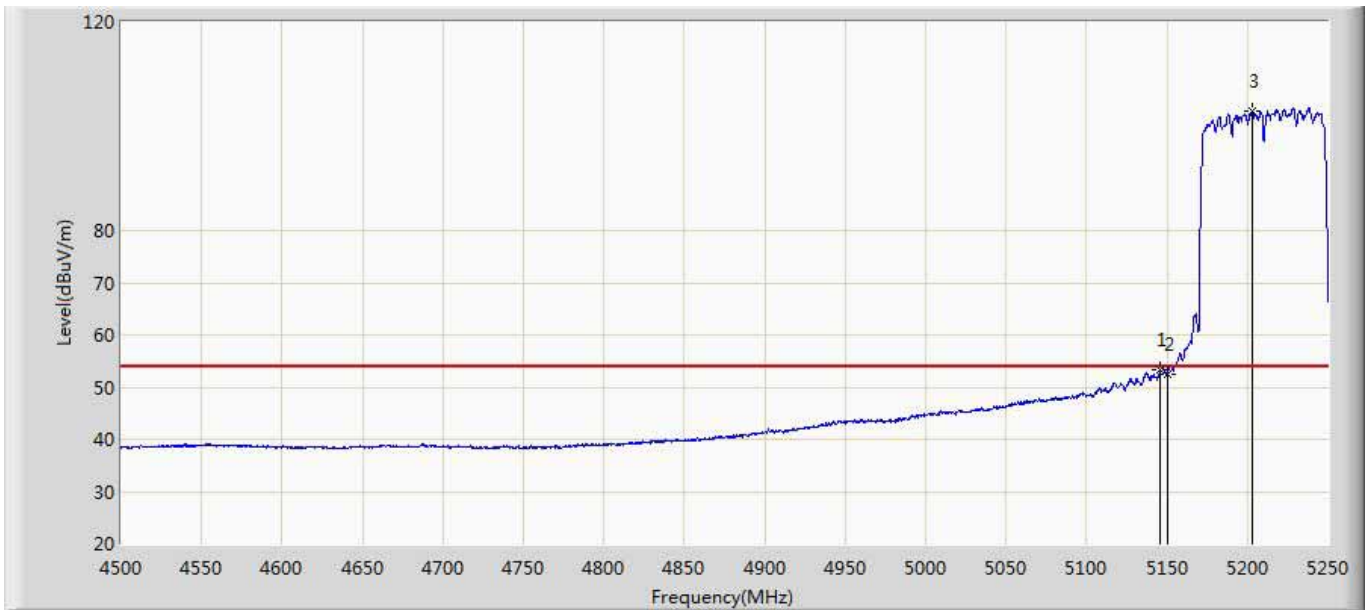
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.002	12.468	-21.998	74.000	39.534	PK
2	*	5185.860	98.459	58.870	24.459	74.000	39.589	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 22:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5190MHz by 802.11AC40	



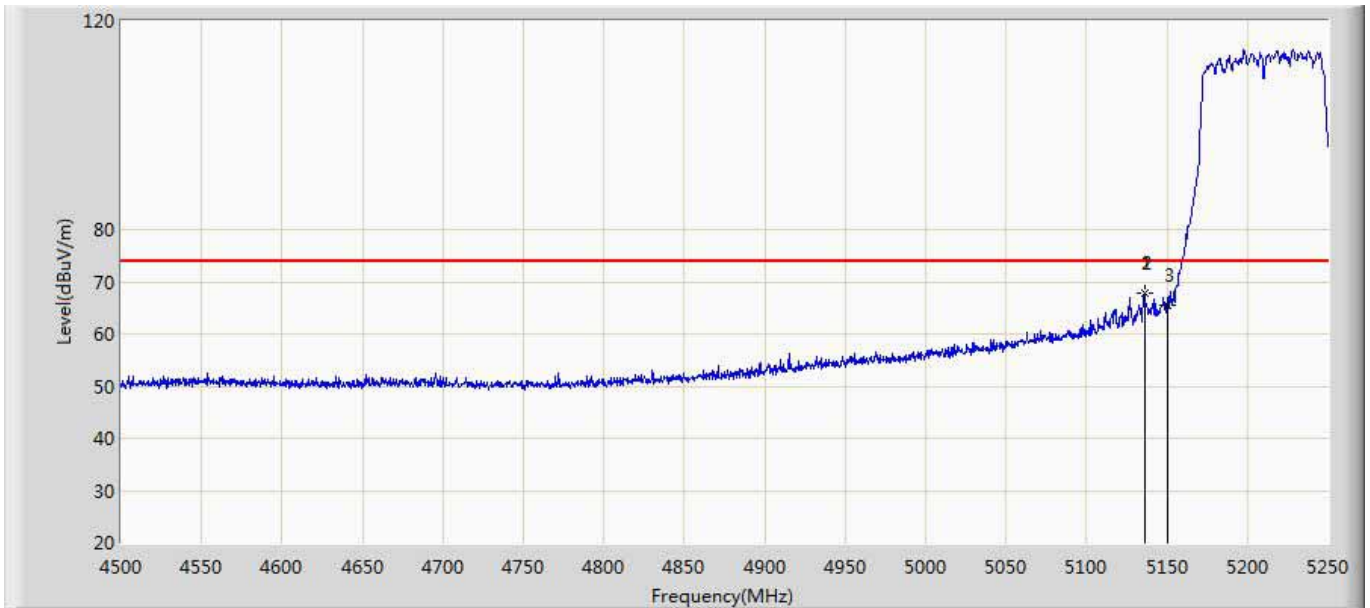
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	40.027	0.493	-13.973	54.000	39.534	AV
2	*	5186.570	88.527	48.932	34.527	54.000	39.596	AV

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 22:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210MHz by 802.11AC80	



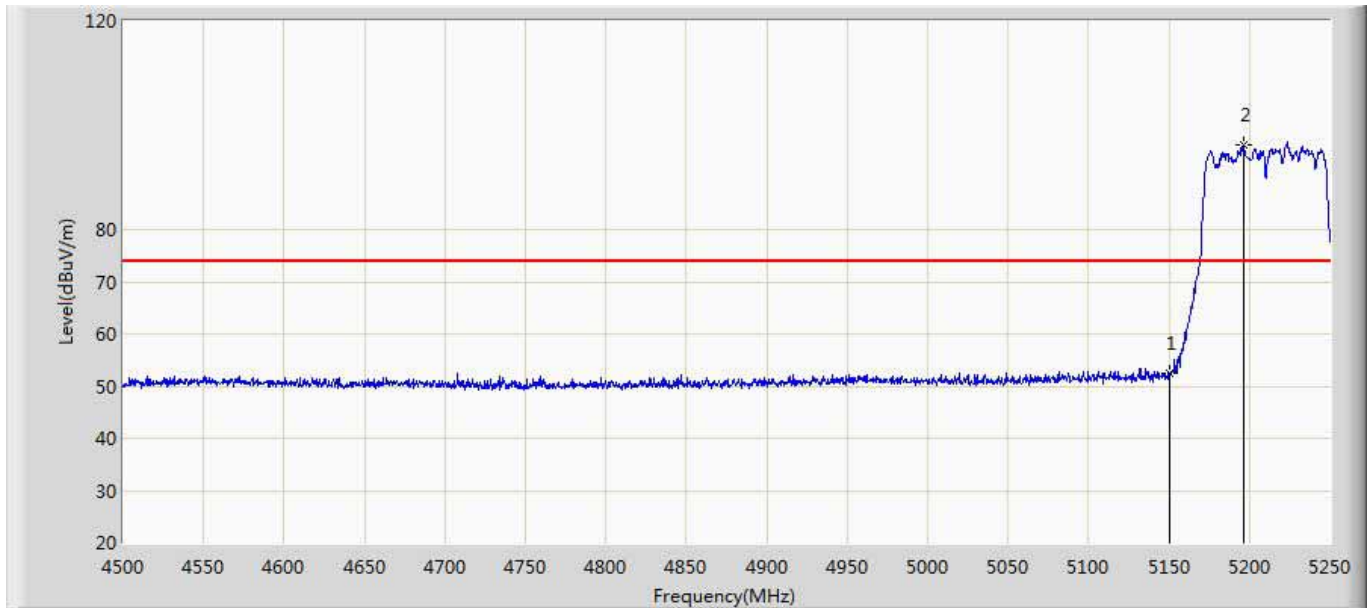
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5146.125	53.251	13.740	-0.749	54.000	39.511	AV
2		5150.000	52.598	13.064	-1.402	54.000	39.534	AV
3	*	5203.125	102.900	63.191	48.900	54.000	39.709	AV

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 22:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210MHz by 802.11AC80	



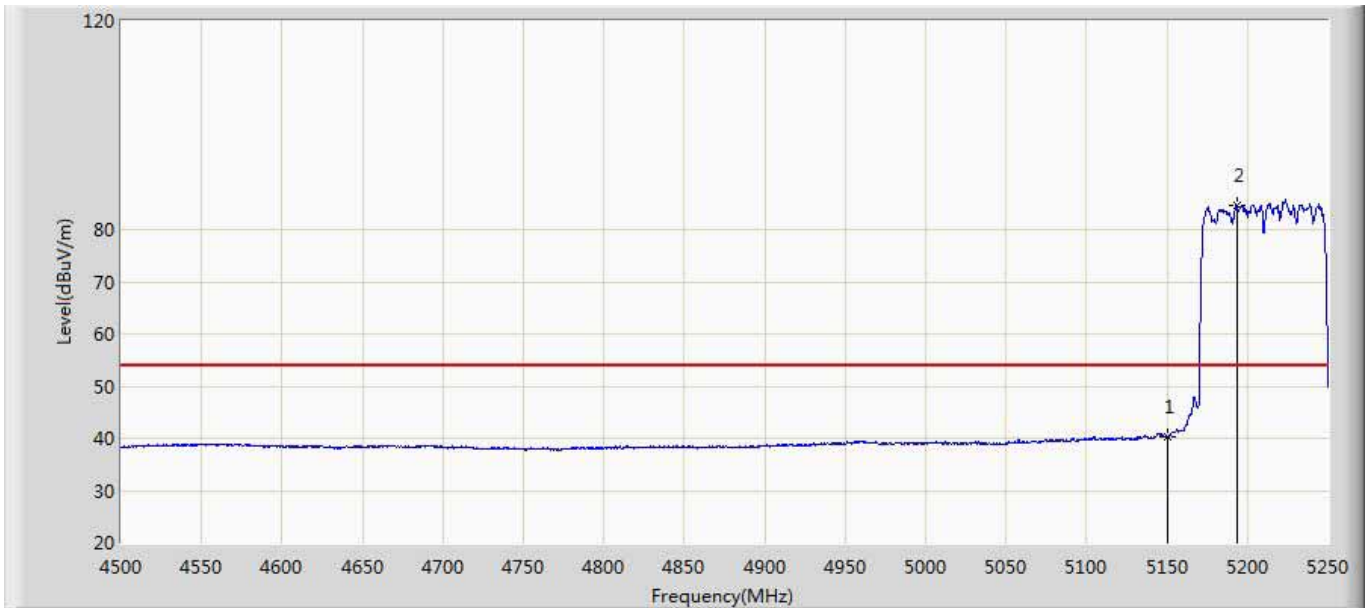
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5136.000	67.756	28.265	-6.244	74.000	39.491	PK
2		5136.000	67.756	28.265	-6.244	74.000	39.491	PK
3		5150.000	65.616	26.082	-8.384	74.000	39.534	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 22:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210MHz by 802.11AC80	



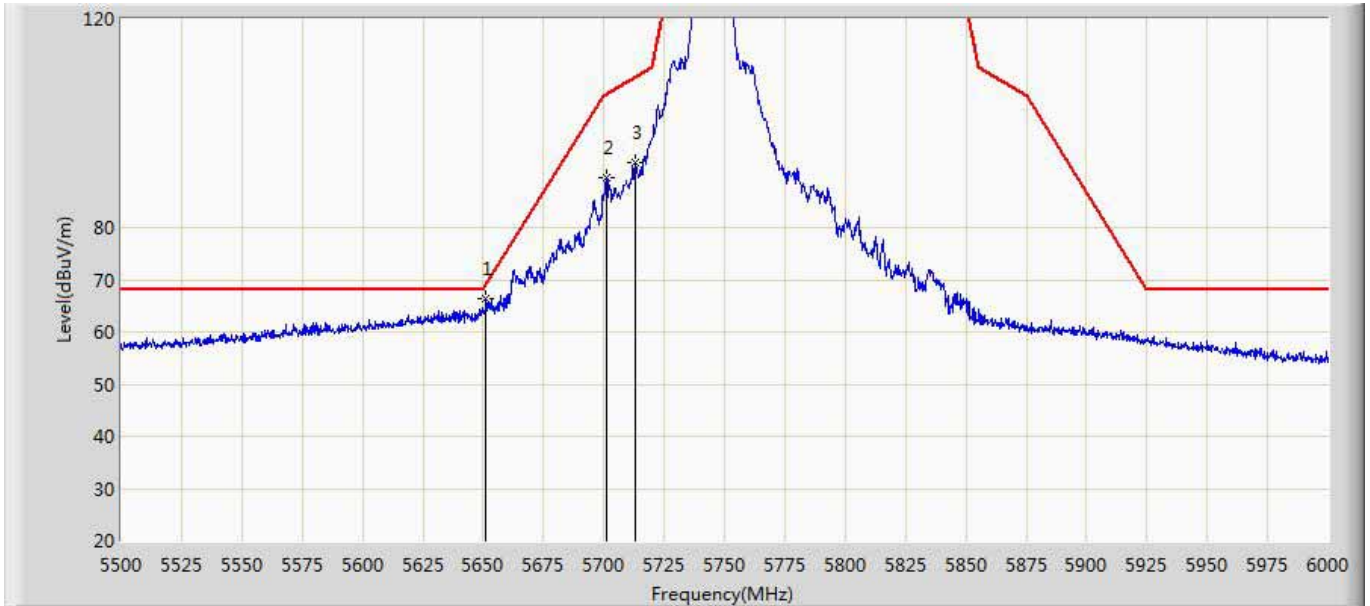
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.572	13.038	-21.428	74.000	39.534	PK
2	*	5196.000	96.117	56.436	22.117	74.000	39.681	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 22:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5210MHz by 802.11AC80	



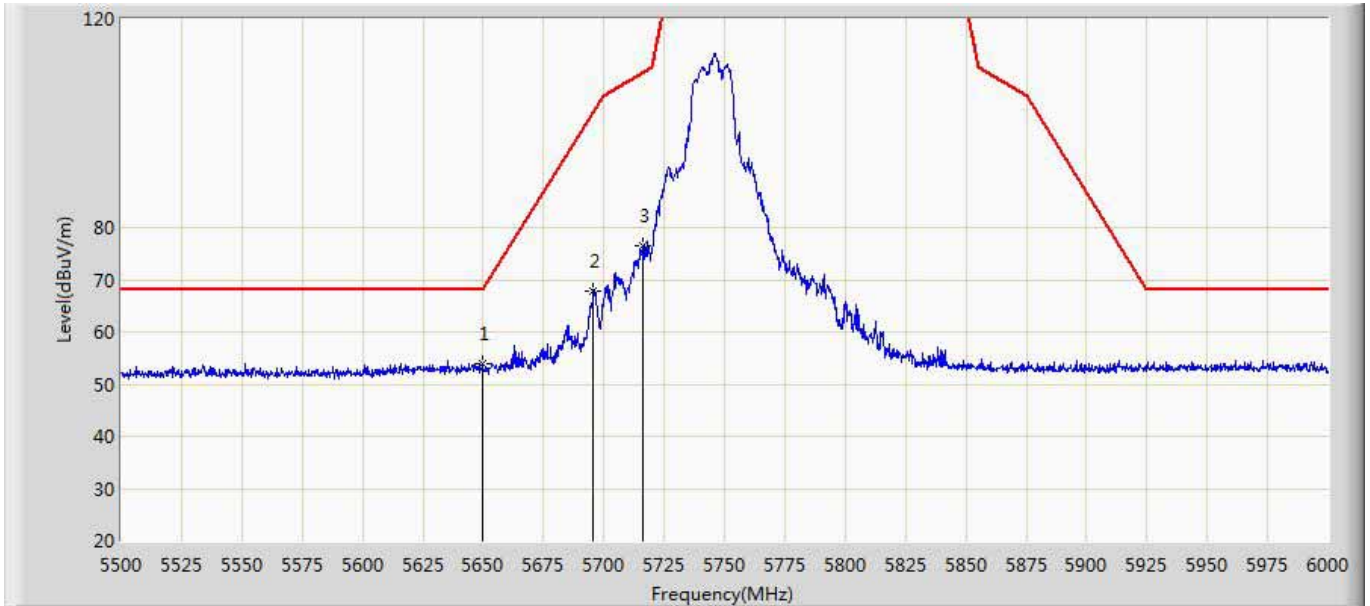
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	40.230	0.696	-13.770	54.000	39.534	AV
2	*	5193.375	84.533	44.876	30.533	54.000	39.657	AV

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 22:38
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5745MHz by 802.11A	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5651.250	66.401	25.967	-2.724	69.125	40.434	PK
2		5701.000	89.466	48.904	-16.014	105.480	40.563	PK
3		5713.000	92.469	51.892	-16.371	108.840	40.577	PK

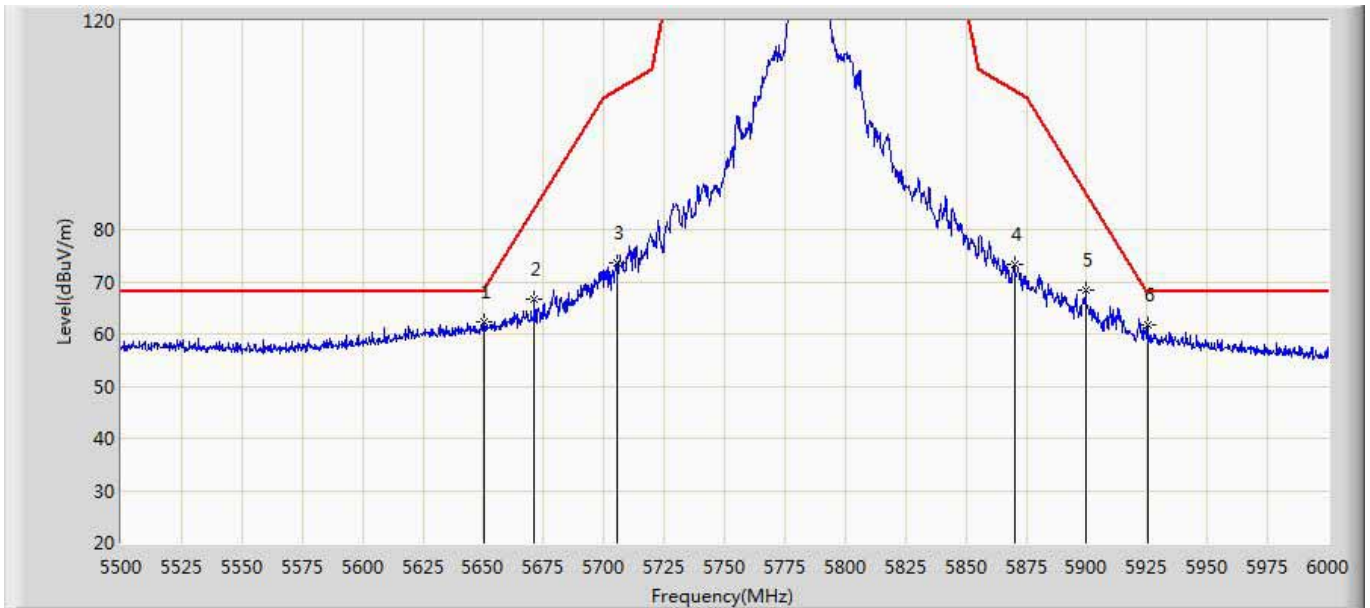
Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:01
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5745MHz by 802.11A	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5649.750	53.788	13.366	-14.412	68.200	40.422	PK
2		5695.500	67.880	27.343	-33.990	101.870	40.537	PK
3		5716.250	76.565	36.006	-33.185	109.750	40.560	PK

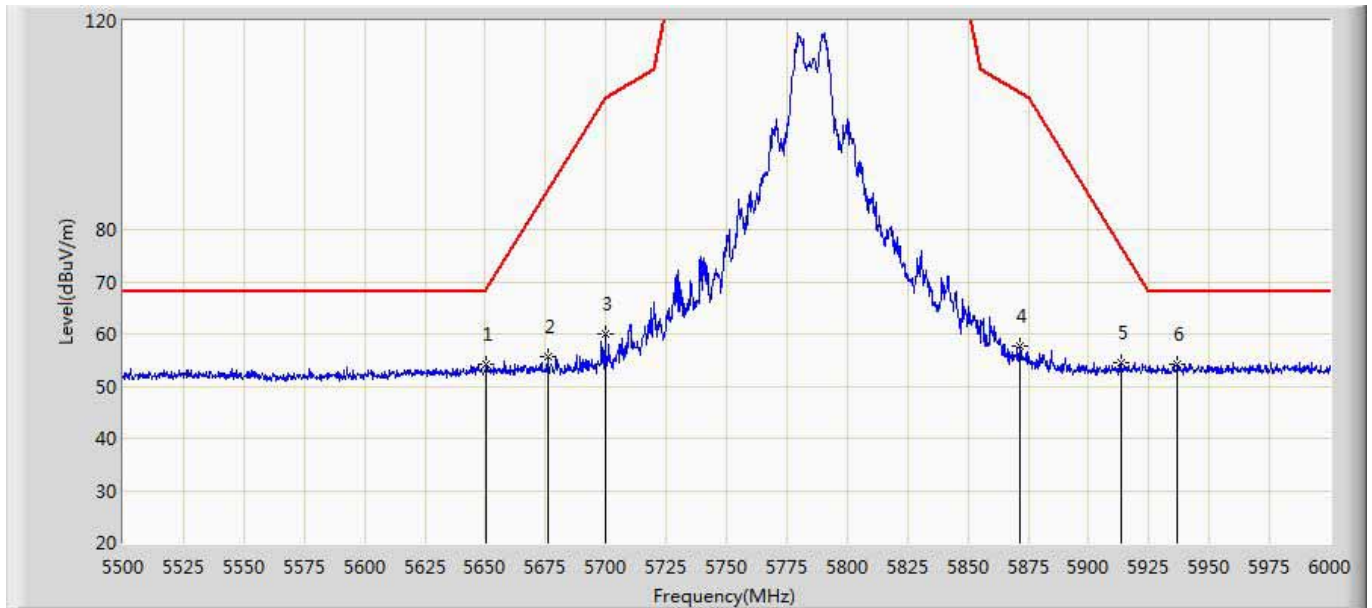


Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:02
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5785MHz by 802.11A	



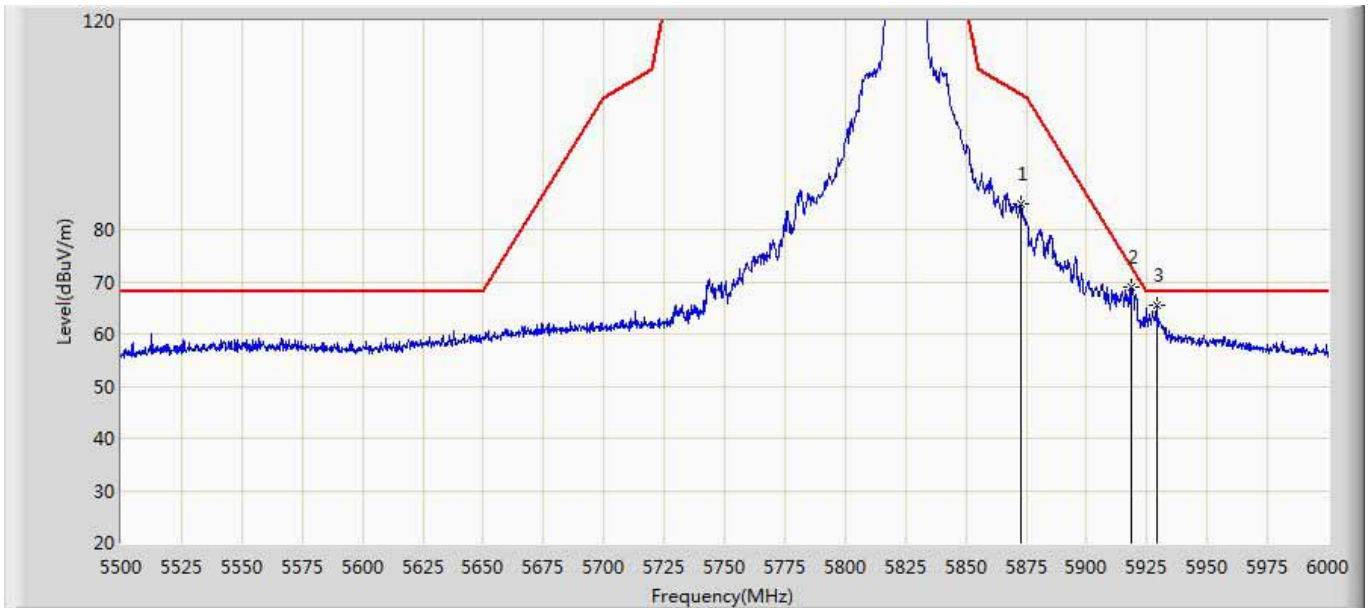
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5650.500	62.330	21.902	-6.240	68.570	40.428	PK
2		5671.250	66.611	26.117	-17.314	83.925	40.495	PK
3		5705.250	73.589	33.007	-33.081	106.670	40.582	PK
4		5870.000	73.437	32.590	-33.163	106.600	40.847	PK
5		5899.500	68.416	27.535	-18.654	87.070	40.881	PK
6		5925.250	61.682	20.746	-6.518	68.200	40.935	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:04
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5785MHz by 802.11A	



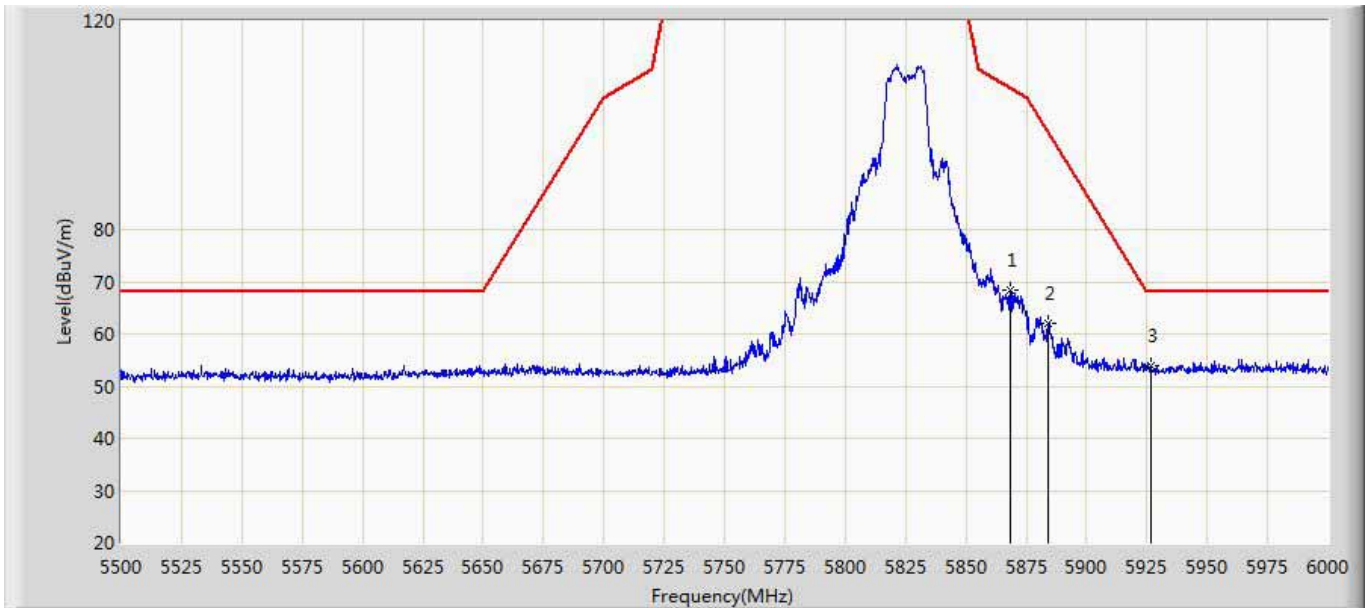
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5650.500	54.272	13.844	-14.298	68.570	40.428	PK
2		5676.000	55.643	15.146	-31.797	87.440	40.497	PK
3		5699.750	59.890	19.334	-45.125	105.015	40.557	PK
4		5871.750	57.777	16.935	-48.333	106.110	40.843	PK
5		5913.500	54.482	13.431	-22.228	76.710	41.051	PK
6	*	5937.000	54.121	13.167	-14.079	68.200	40.954	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:06
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5825MHz by 802.11A	



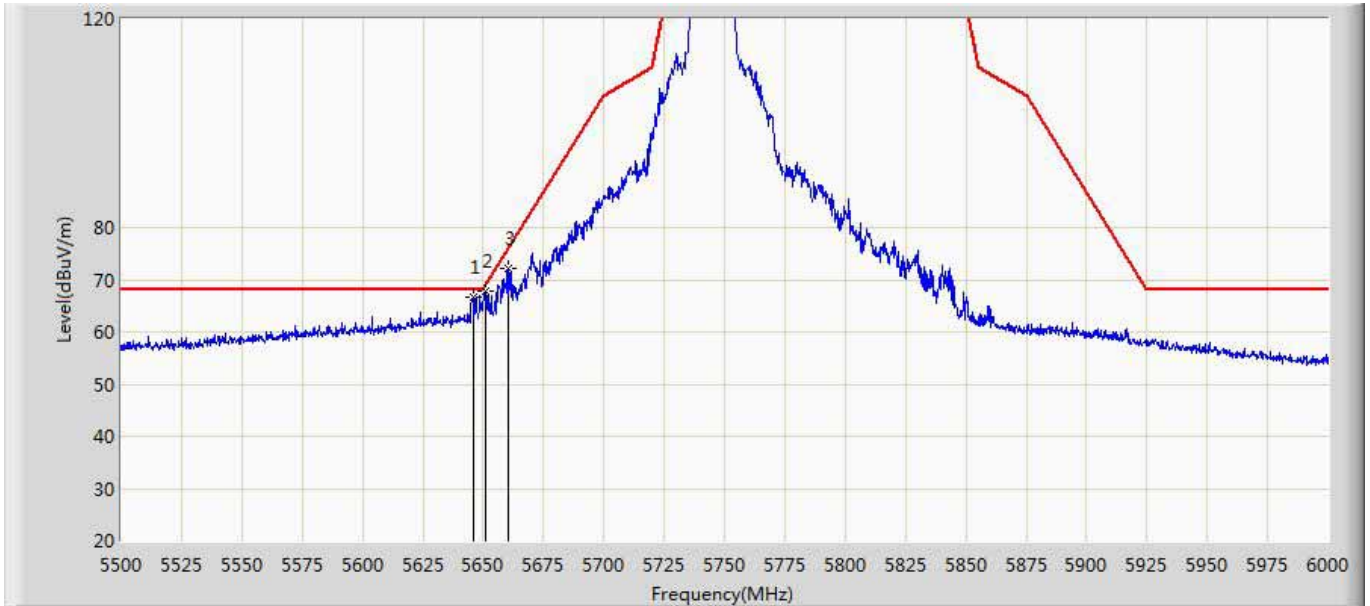
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5873.000	84.803	43.964	-20.957	105.760	40.840	PK
2		5918.750	69.025	28.026	-3.800	72.825	40.999	PK
3	*	5929.000	65.395	24.496	-2.805	68.200	40.899	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:10
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5825MHz by 802.11A	



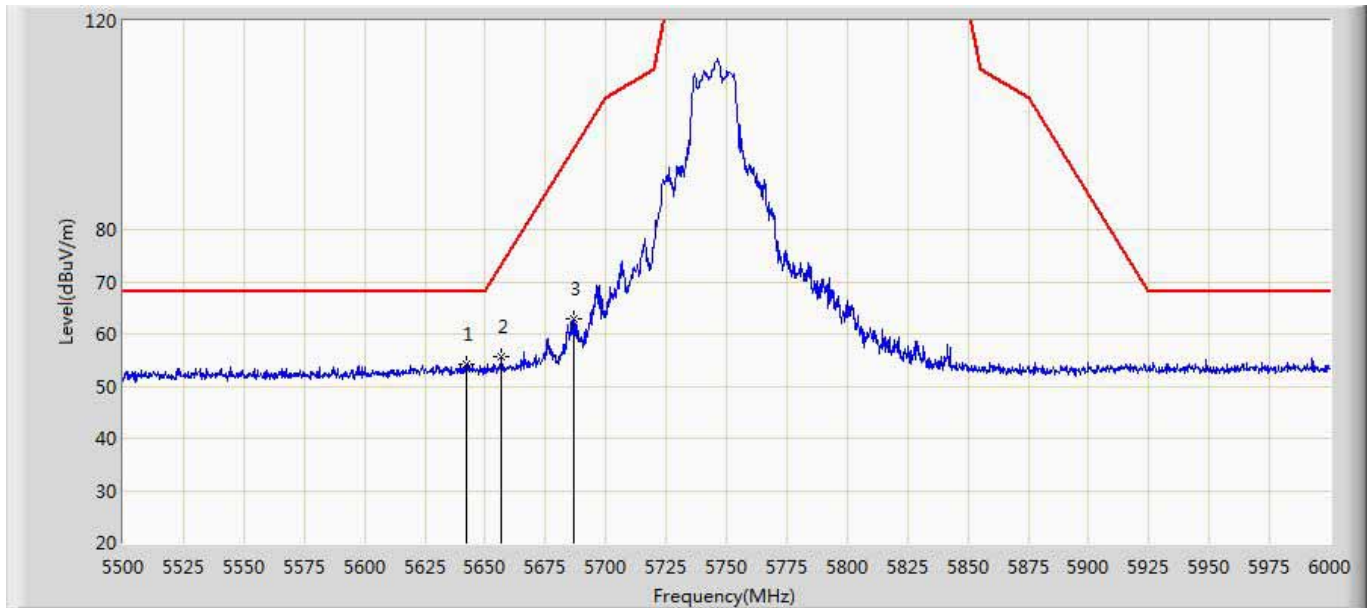
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5868.500	68.420	27.569	-38.600	107.020	40.850	PK
2		5884.000	61.948	21.120	-36.592	98.540	40.828	PK
3	*	5926.500	54.032	13.109	-14.168	68.200	40.923	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:12
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5745MHz by 802.11N20	



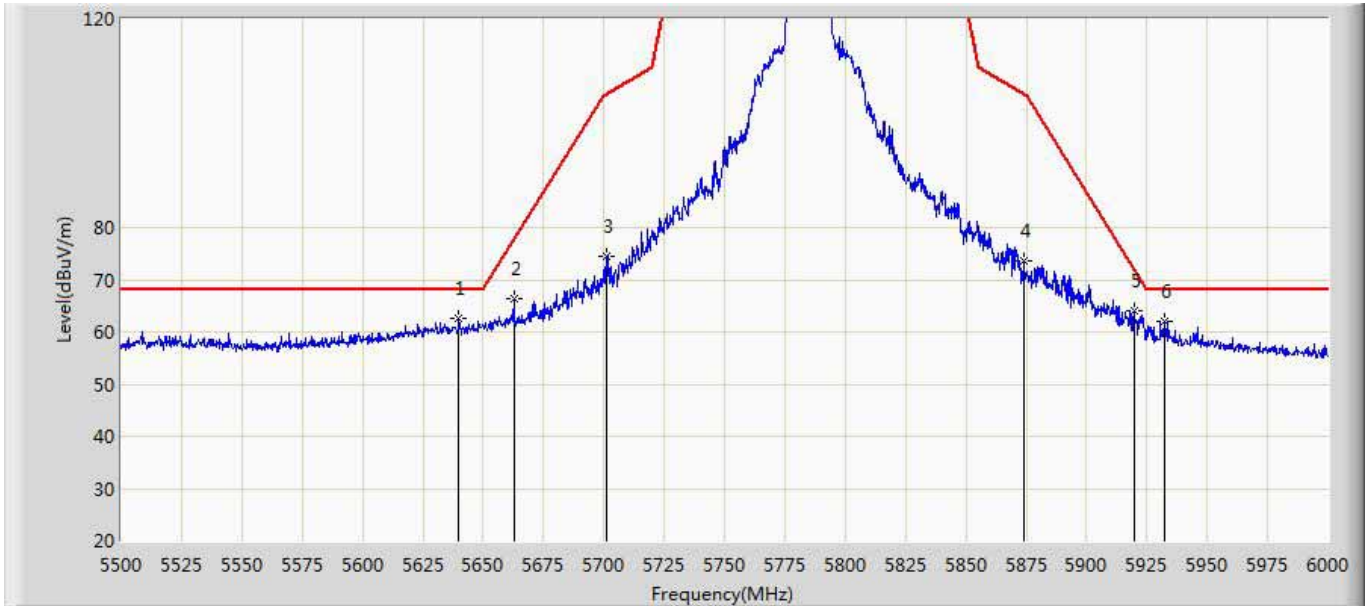
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5645.750	66.546	26.157	-1.654	68.200	40.389	PK
2	*	5650.750	67.717	27.287	-1.038	68.755	40.431	PK
3		5660.250	72.143	31.652	-3.642	75.785	40.491	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:15
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5745MHz by 802.11N20	



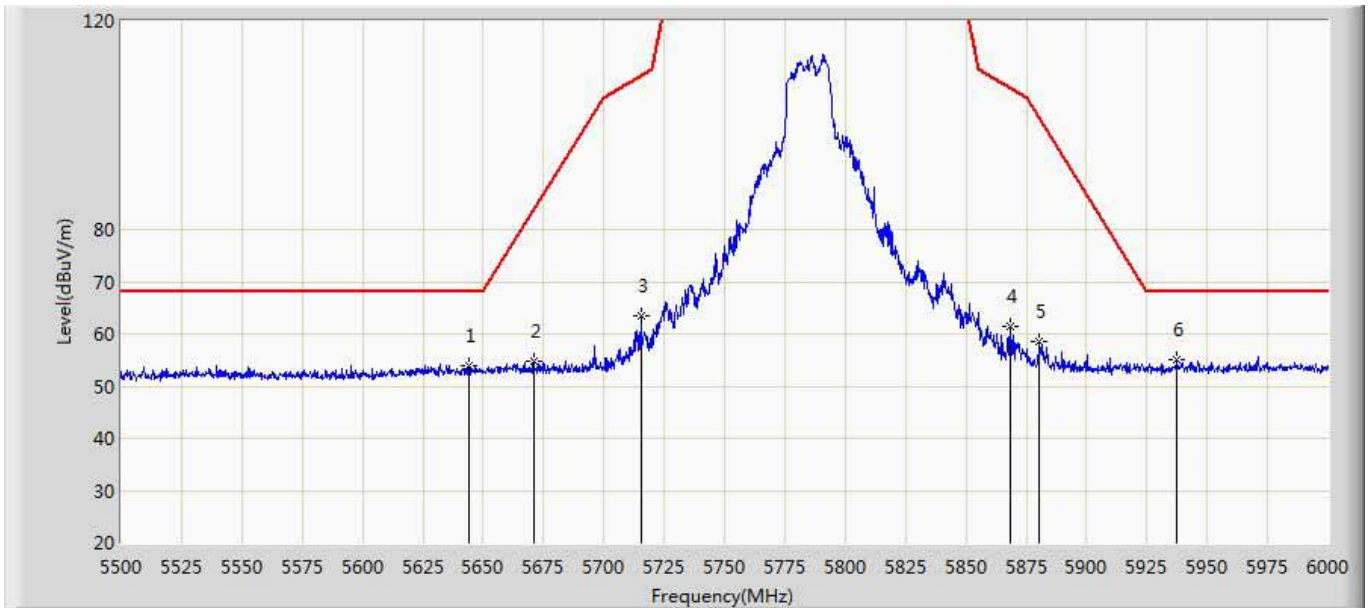
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5642.500	54.323	13.961	-13.877	68.200	40.362	PK
2		5656.750	55.638	15.158	-17.557	73.195	40.480	PK
3		5686.500	62.882	22.369	-32.328	95.210	40.512	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:16
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5785MHz by 802.11N20	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5640.000	62.717	22.355	-5.483	68.200	40.362	PK
2		5662.750	66.248	25.756	-11.387	77.635	40.492	PK
3		5701.250	74.616	34.053	-30.934	105.550	40.563	PK
4		5874.000	73.574	32.737	-31.906	105.480	40.837	PK
5		5919.750	64.089	23.099	-7.996	72.085	40.990	PK
6		5932.500	62.156	21.244	-6.044	68.200	40.913	PK

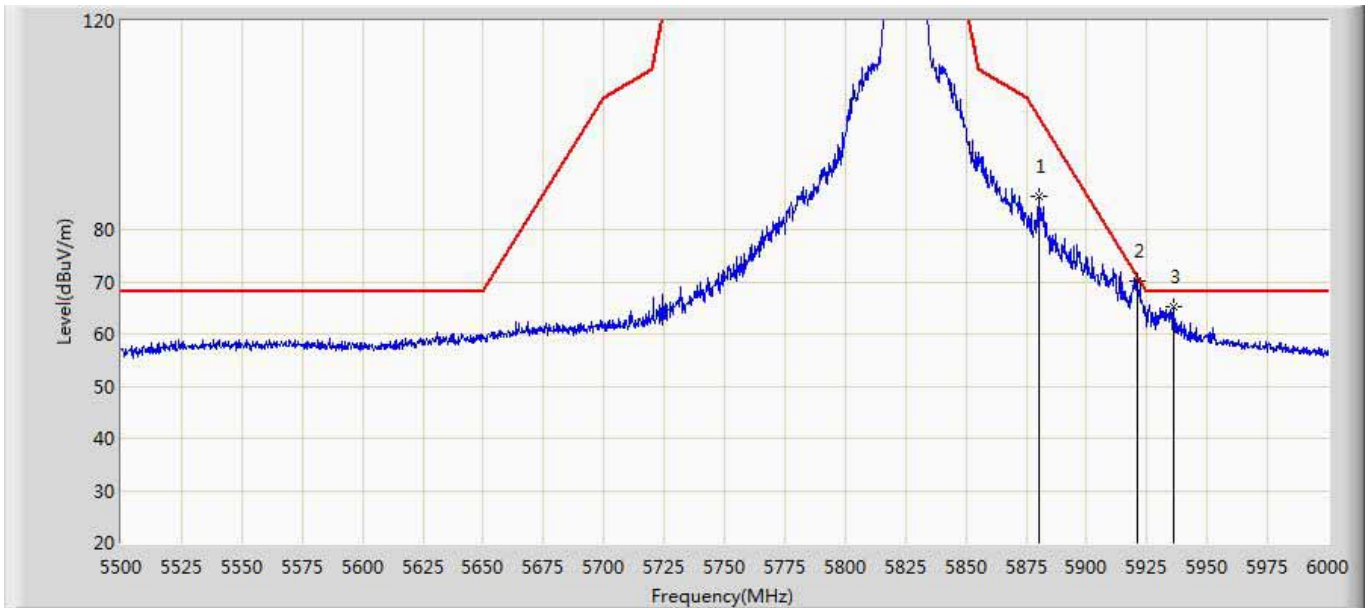
Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:18
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5785MHz by 802.11N20	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5644.000	53.929	13.555	-14.271	68.200	40.374	PK
2		5670.750	54.665	14.171	-28.890	83.555	40.494	PK
3		5715.250	63.349	22.784	-46.121	109.470	40.564	PK
4		5868.500	61.537	20.686	-45.483	107.020	40.850	PK
5		5880.500	58.470	17.645	-42.660	101.130	40.825	PK
6	*	5937.500	55.116	14.158	-13.084	68.200	40.959	PK

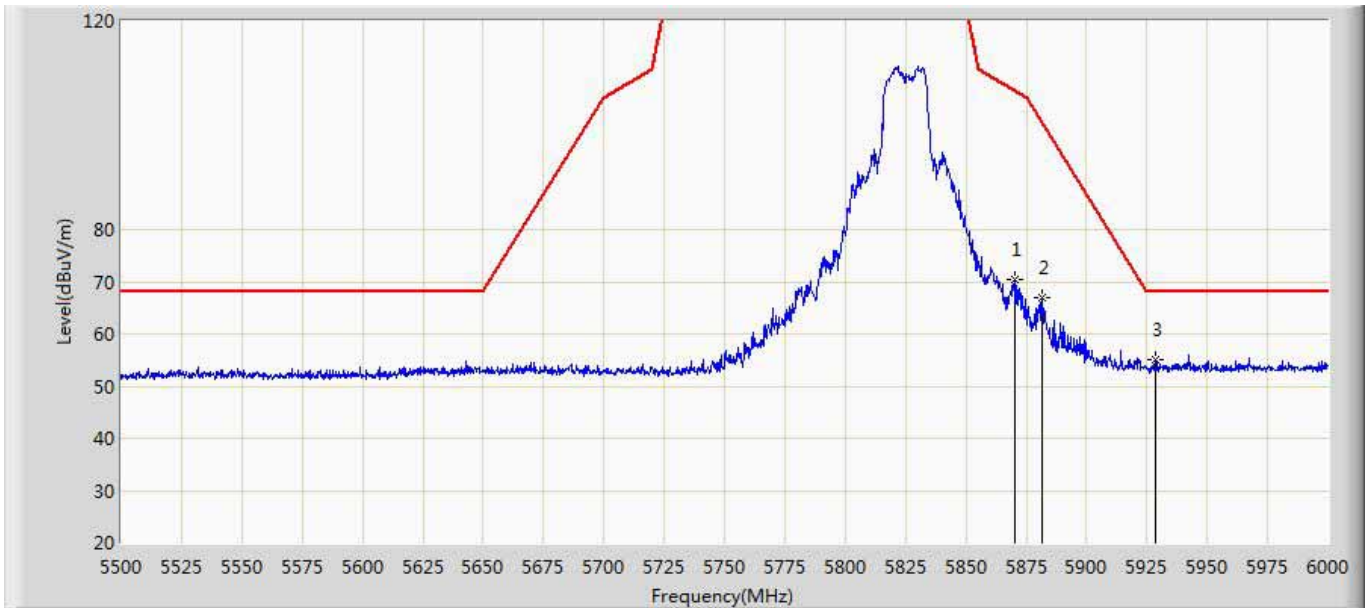


Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:19
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5825MHz by 802.11N20	



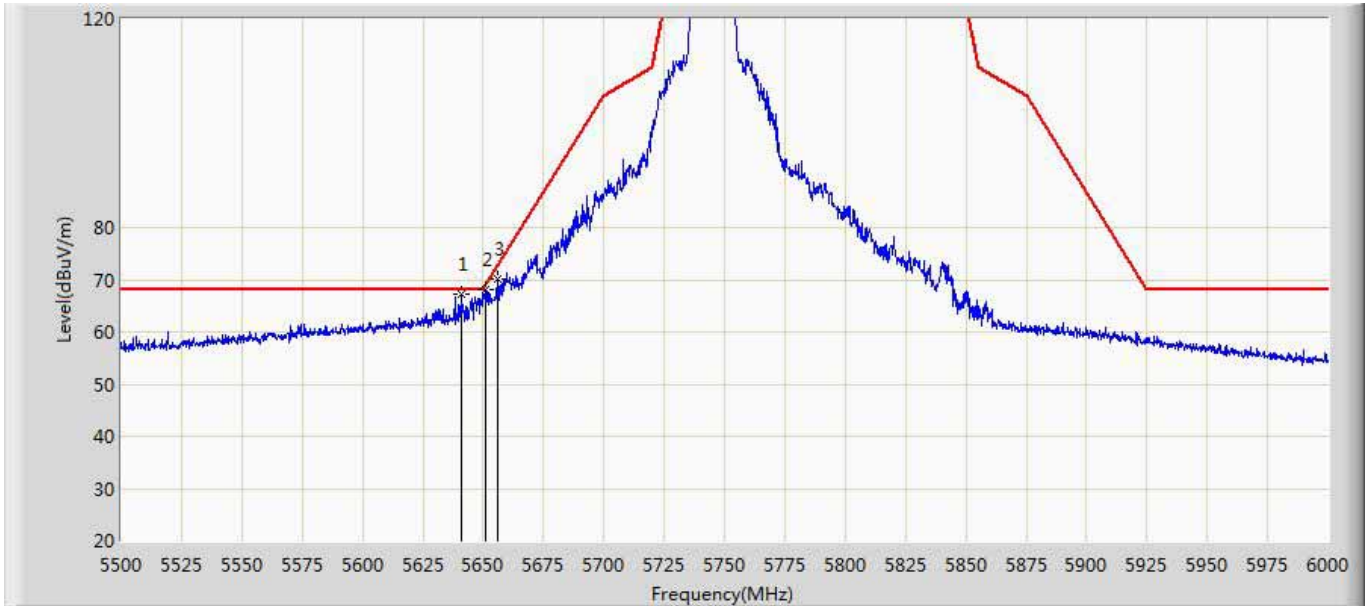
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5880.250	86.436	45.611	-14.879	101.315	40.825	PK
2	*	5921.250	70.282	29.307	-0.693	70.975	40.975	PK
3		5936.000	65.236	24.291	-2.964	68.200	40.944	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:21
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5825MHz by 802.11N20	



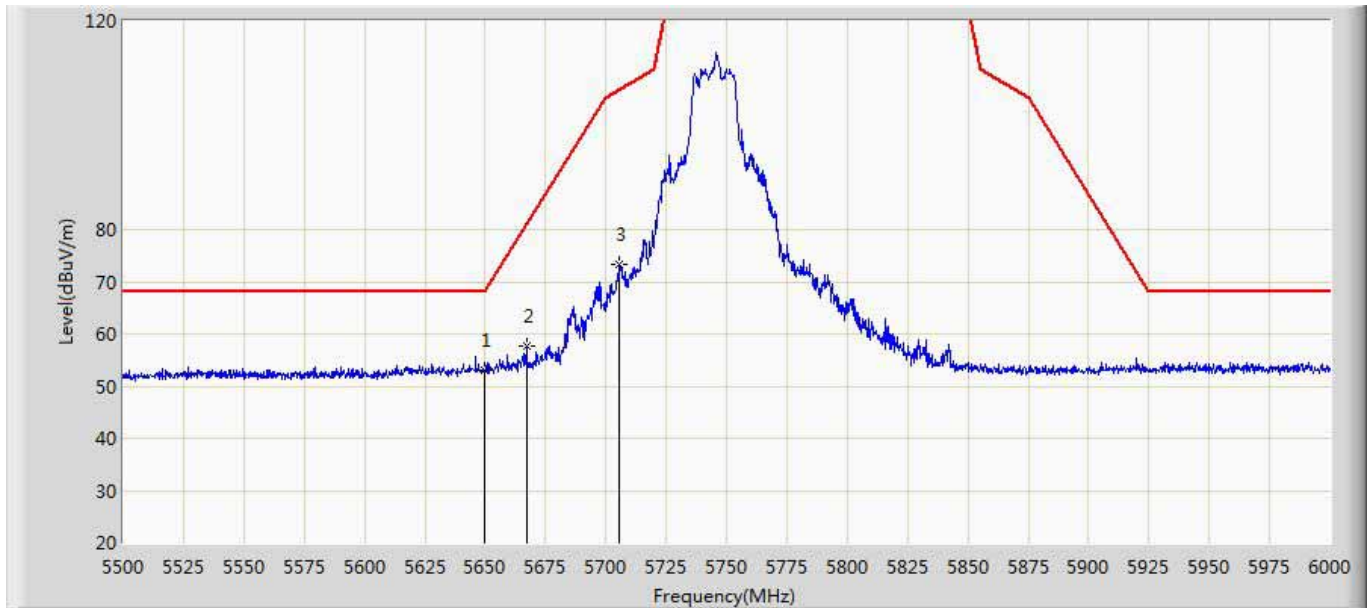
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5870.000	70.457	29.610	-36.143	106.600	40.847	PK
2		5881.500	66.918	26.092	-33.472	100.390	40.826	PK
3	*	5928.500	54.981	14.077	-13.219	68.200	40.904	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:23
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5745MHz by 802.11AC20	



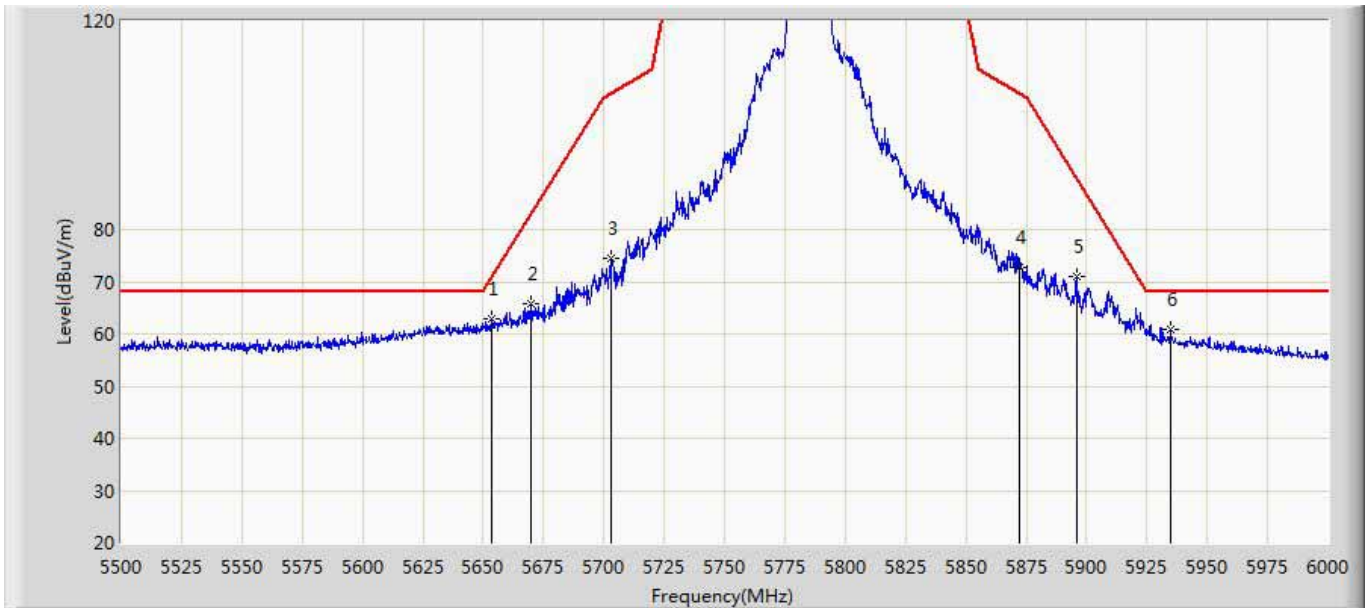
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5640.750	67.188	26.836	-1.012	68.200	40.353	PK
2	*	5651.000	67.993	27.561	-0.947	68.940	40.432	PK
3		5655.750	70.087	29.615	-2.368	72.455	40.472	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:24
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5745MHz by 802.11AC20	



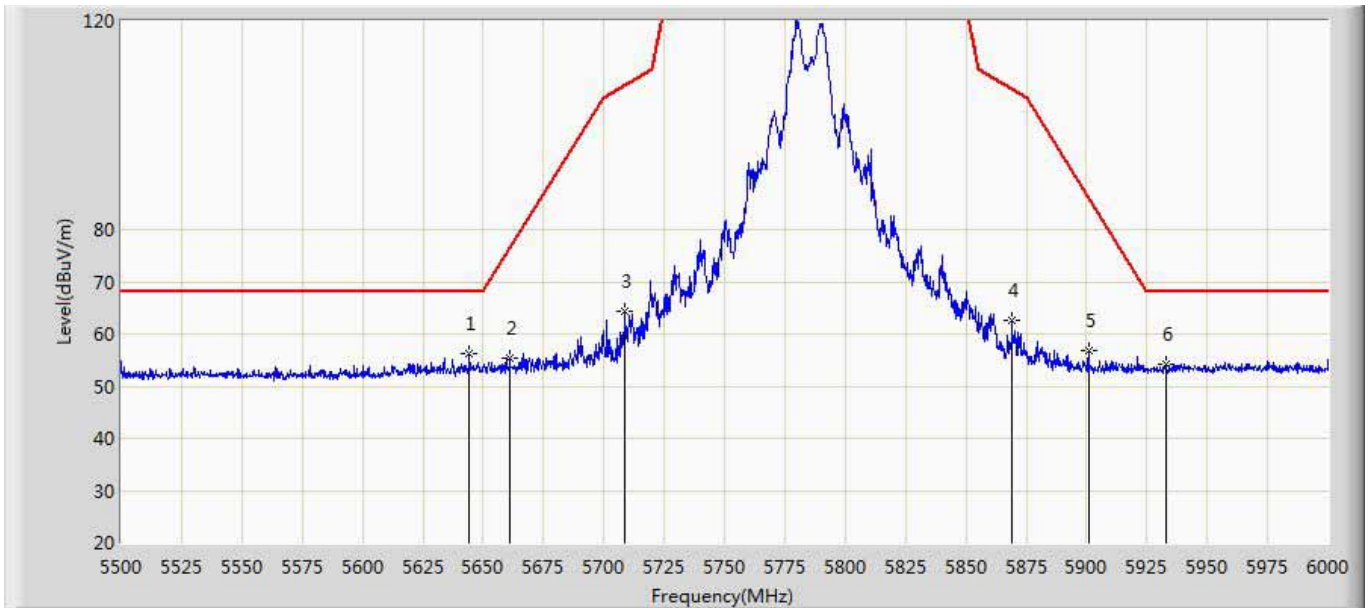
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5650.000	52.990	12.566	-15.210	68.200	40.424	PK
2		5667.000	57.735	17.242	-23.045	80.780	40.493	PK
3		5705.250	73.401	32.819	-33.269	106.670	40.582	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:26
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5785MHz by 802.11AC20	



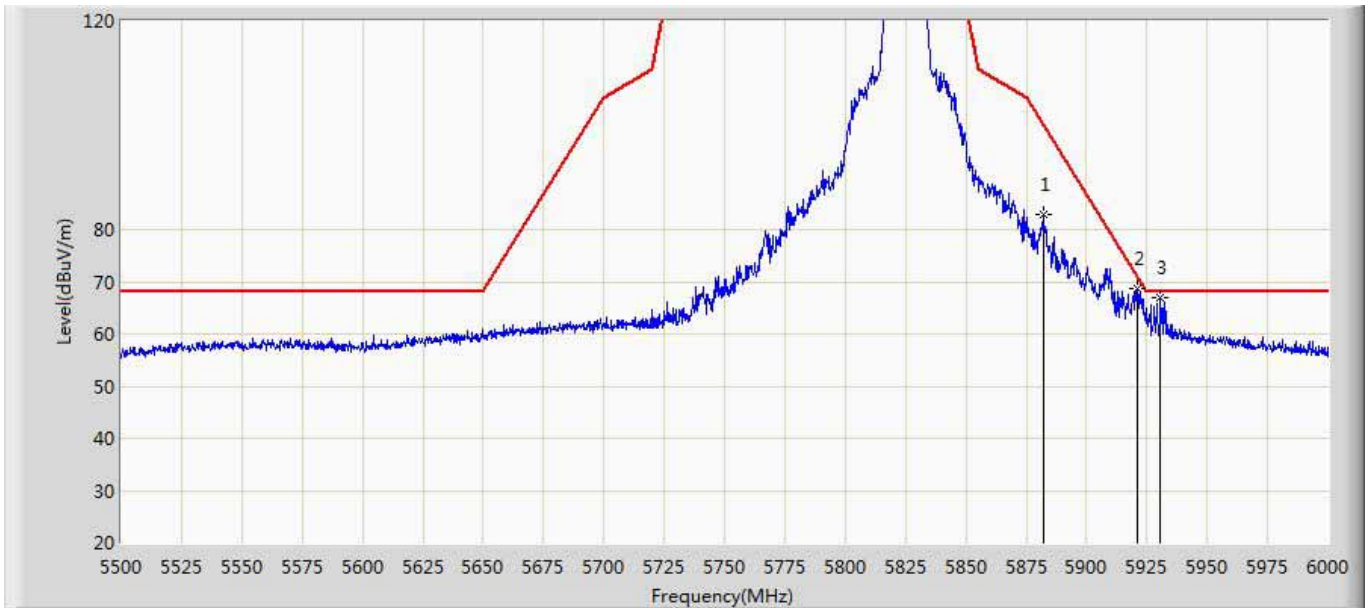
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5653.250	62.776	22.325	-7.829	70.605	40.451	PK
2		5670.000	65.862	25.368	-17.138	83.000	40.494	PK
3		5703.250	74.417	33.844	-31.693	106.110	40.573	PK
4		5872.250	72.822	31.981	-33.148	105.970	40.841	PK
5		5895.750	70.886	30.050	-18.959	89.845	40.836	PK
6	*	5934.750	60.851	19.918	-7.349	68.200	40.933	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:27
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5785MHz by 802.11AC20	



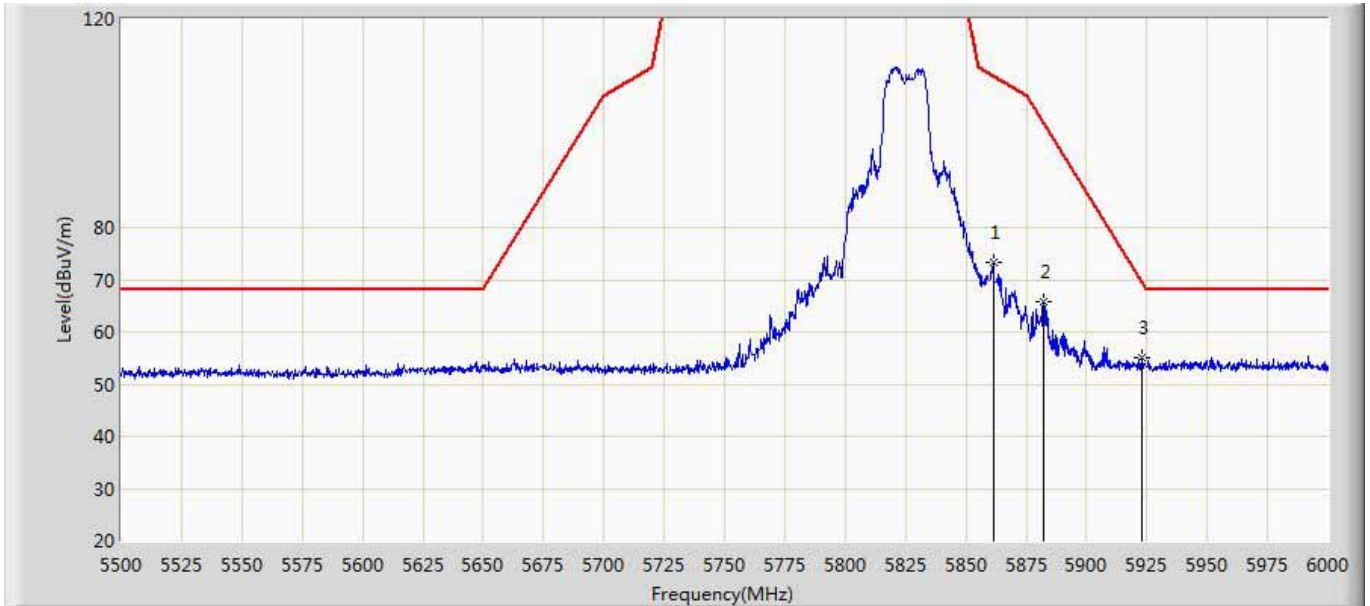
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5644.250	56.118	15.742	-12.082	68.200	40.377	PK
2		5661.000	55.301	14.810	-21.039	76.340	40.491	PK
3		5708.750	64.492	23.894	-43.158	107.650	40.598	PK
4		5869.000	62.597	21.748	-44.283	106.880	40.850	PK
5		5901.000	56.691	15.790	-29.269	85.960	40.901	PK
6		5933.000	54.127	13.210	-14.073	68.200	40.917	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:29
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5825MHz by 802.11AC20	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5882.000	83.013	42.187	-17.007	100.020	40.826	PK
2		5921.000	68.641	27.664	-2.519	71.160	40.977	PK
3	*	5930.750	67.037	26.141	-1.163	68.200	40.896	PK

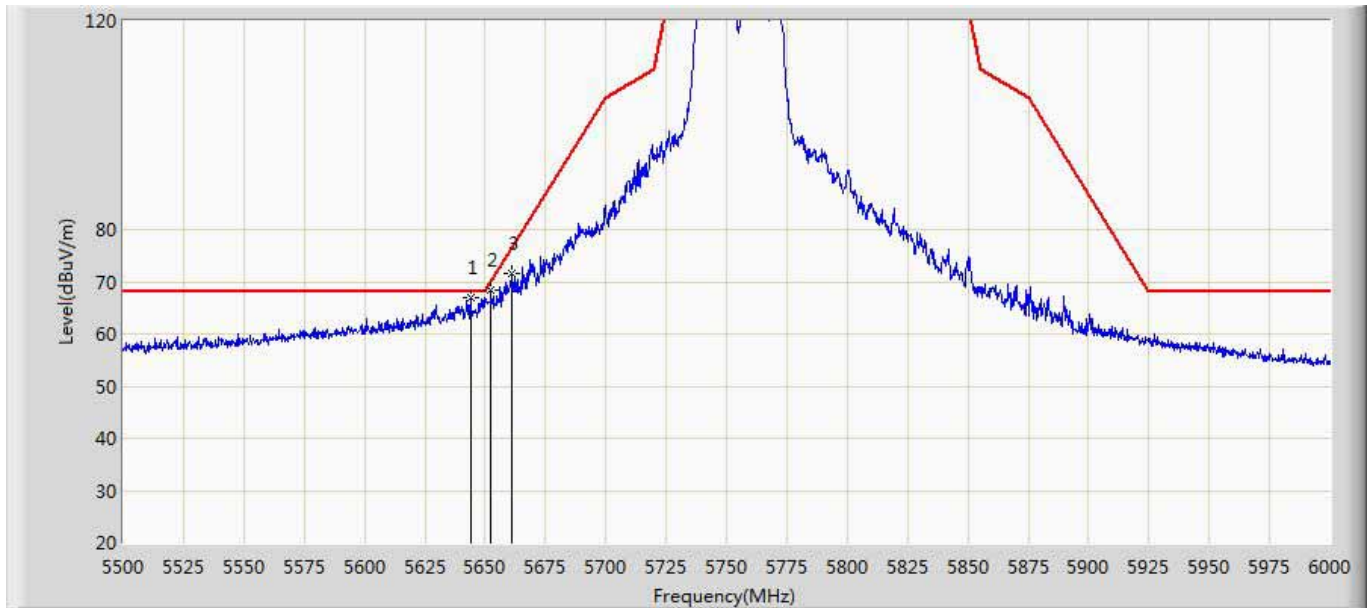
Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:32
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5825MHz by 802.11AC20	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5861.250	73.316	32.450	-35.734	109.050	40.866	PK
2		5882.500	65.708	24.881	-33.942	99.650	40.827	PK
3	*	5923.000	54.940	13.982	-14.740	69.680	40.958	PK

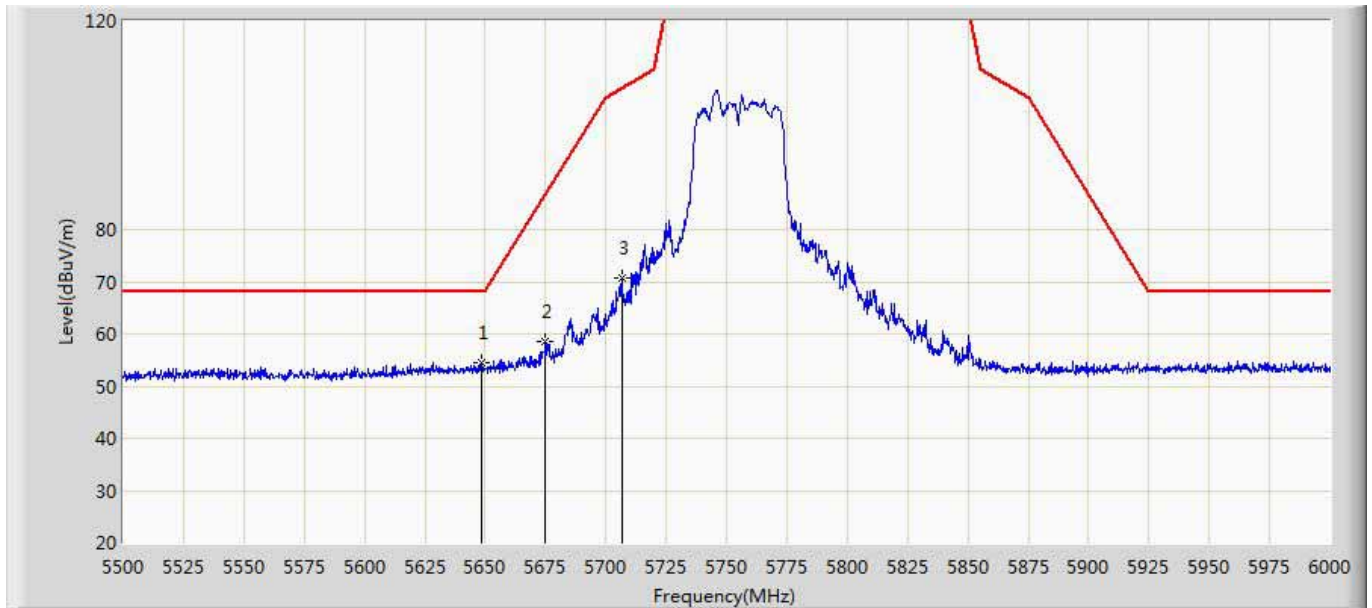


Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:33
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5755MHz by 802.11N40	



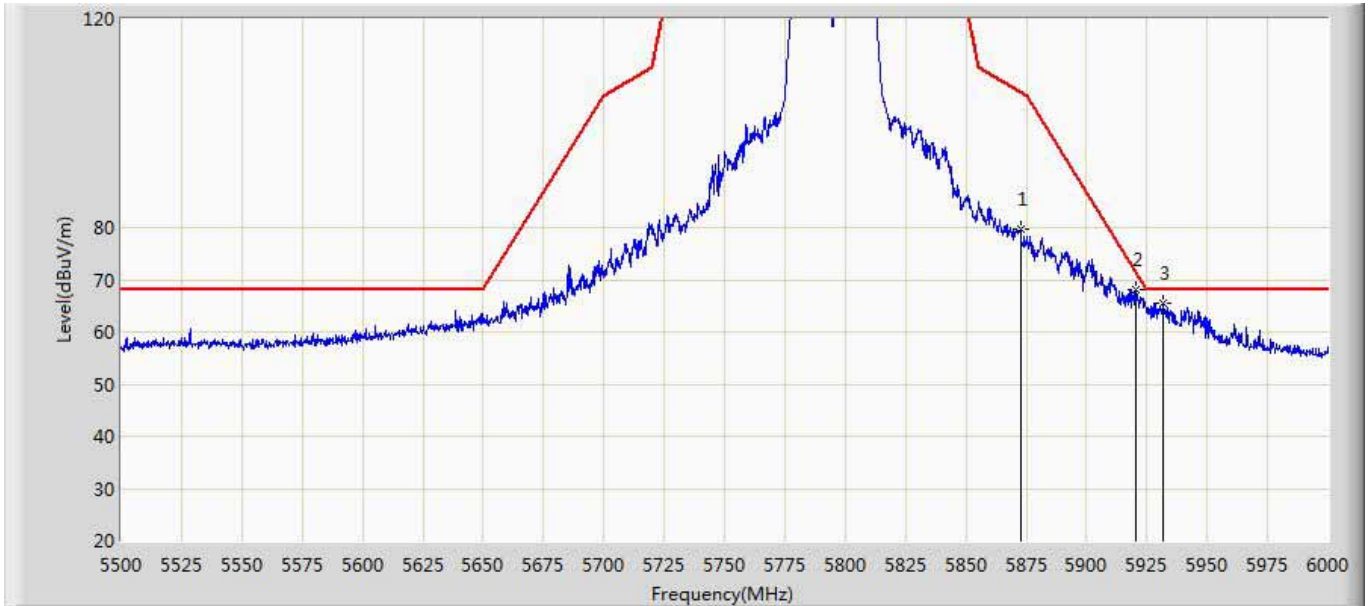
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5644.000	66.860	26.486	-1.340	68.200	40.374	PK
2		5652.250	68.400	27.957	-1.465	69.865	40.443	PK
3		5660.750	71.504	31.013	-4.651	76.155	40.491	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:36
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5755MHz by 802.11N40	



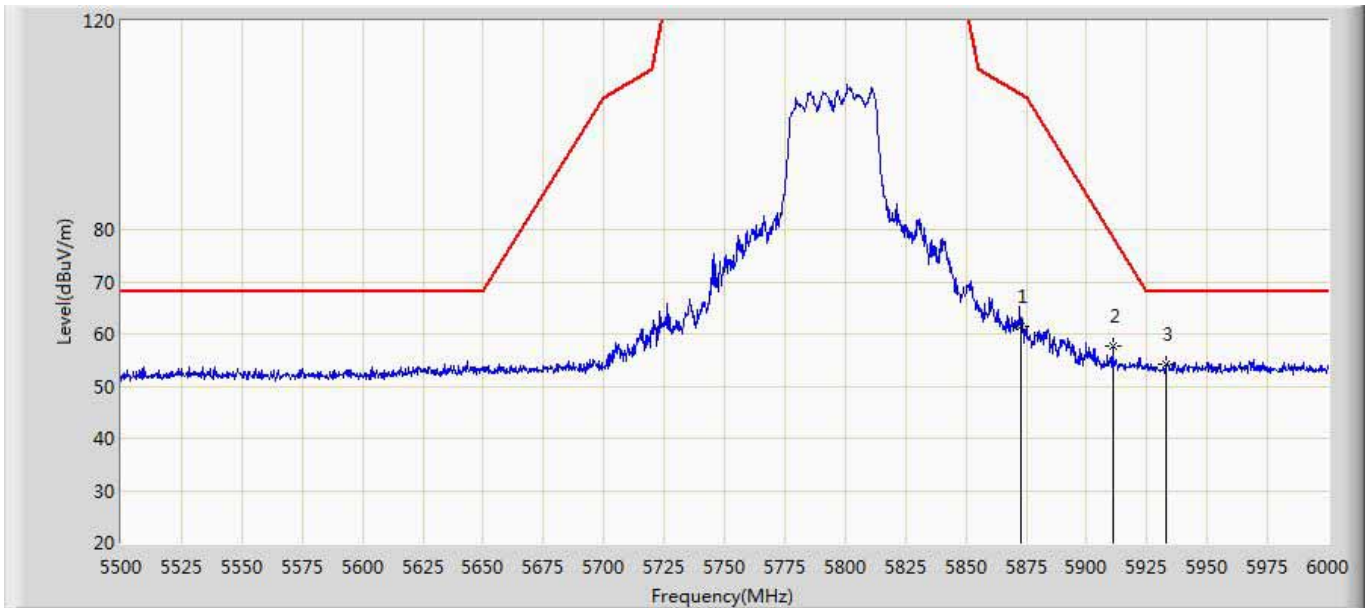
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5648.250	54.521	14.111	-13.679	68.200	40.409	PK
2		5674.750	58.591	18.096	-27.924	86.515	40.496	PK
3		5706.500	70.603	30.015	-36.417	107.020	40.587	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:37
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5795MHz by 802.11N40	



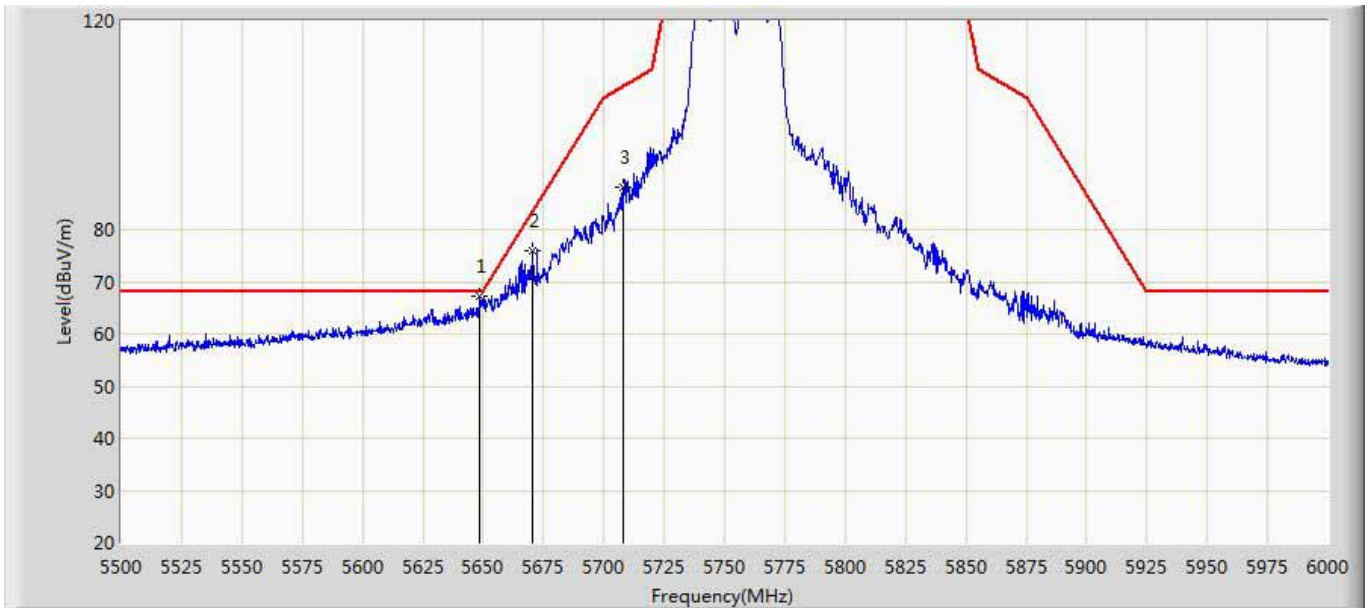
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5872.500	79.598	38.757	-26.302	105.900	40.841	PK
2		5920.500	68.044	27.062	-3.486	71.530	40.983	PK
3	*	5932.000	65.496	24.588	-2.704	68.200	40.908	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:39
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5795MHz by 802.11N40	



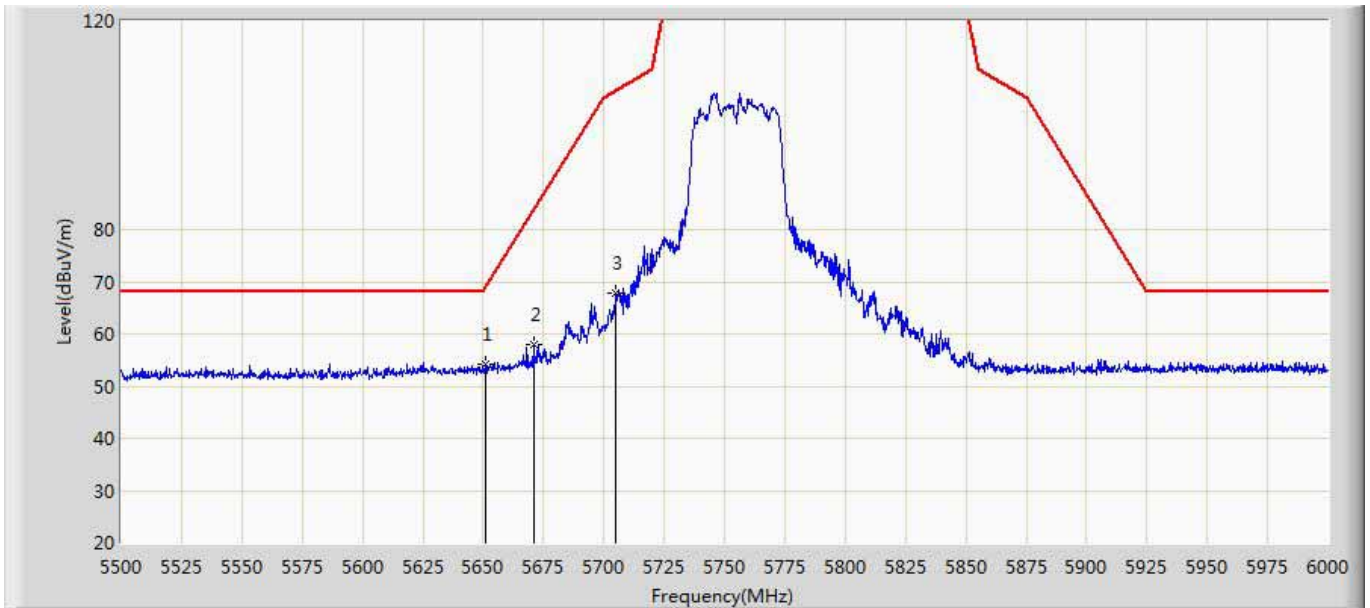
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5873.000	61.478	20.639	-44.282	105.760	40.840	PK
2		5910.750	57.572	16.545	-21.173	78.745	41.027	PK
3	*	5933.000	54.301	13.384	-13.899	68.200	40.917	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:40
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5755MHz by 802.11AC40	



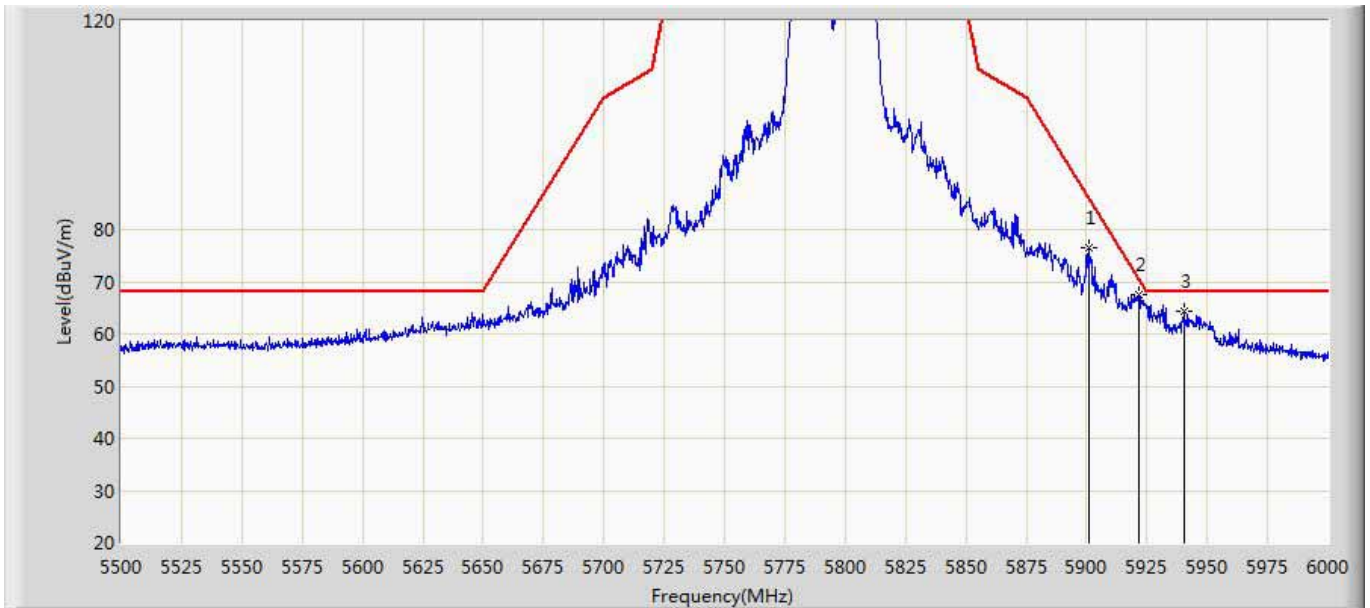
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5648.750	67.207	26.793	-0.993	68.200	40.414	PK
2		5670.250	76.083	35.589	-7.102	83.185	40.494	PK
3		5708.000	88.188	47.593	-19.252	107.440	40.595	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:42
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5755MHz by 802.11AC40	



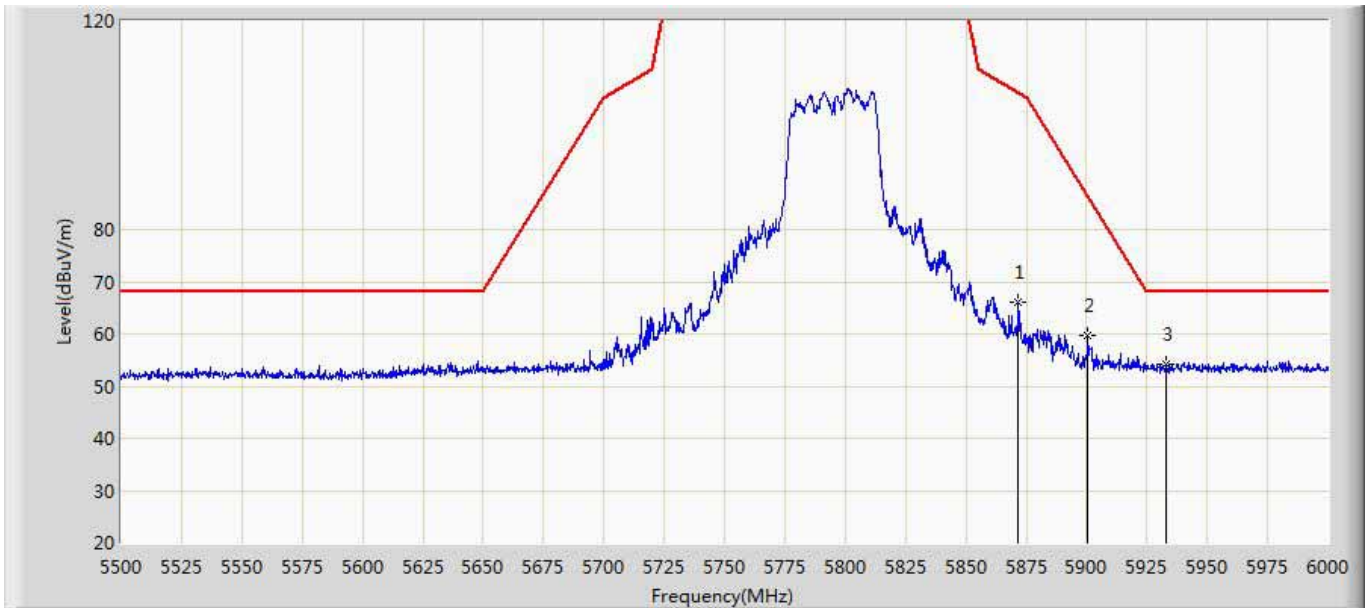
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5651.000	54.342	13.910	-14.598	68.940	40.432	PK
2		5670.750	57.839	17.345	-25.716	83.555	40.494	PK
3		5705.000	67.798	27.217	-38.802	106.600	40.580	PK

Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:44
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5795MHz by 802.11AC40	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5901.000	76.569	35.668	-9.391	85.960	40.901	PK
2	*	5921.750	67.560	26.590	-3.045	70.605	40.970	PK
3		5940.500	64.315	23.329	-3.885	68.200	40.986	PK

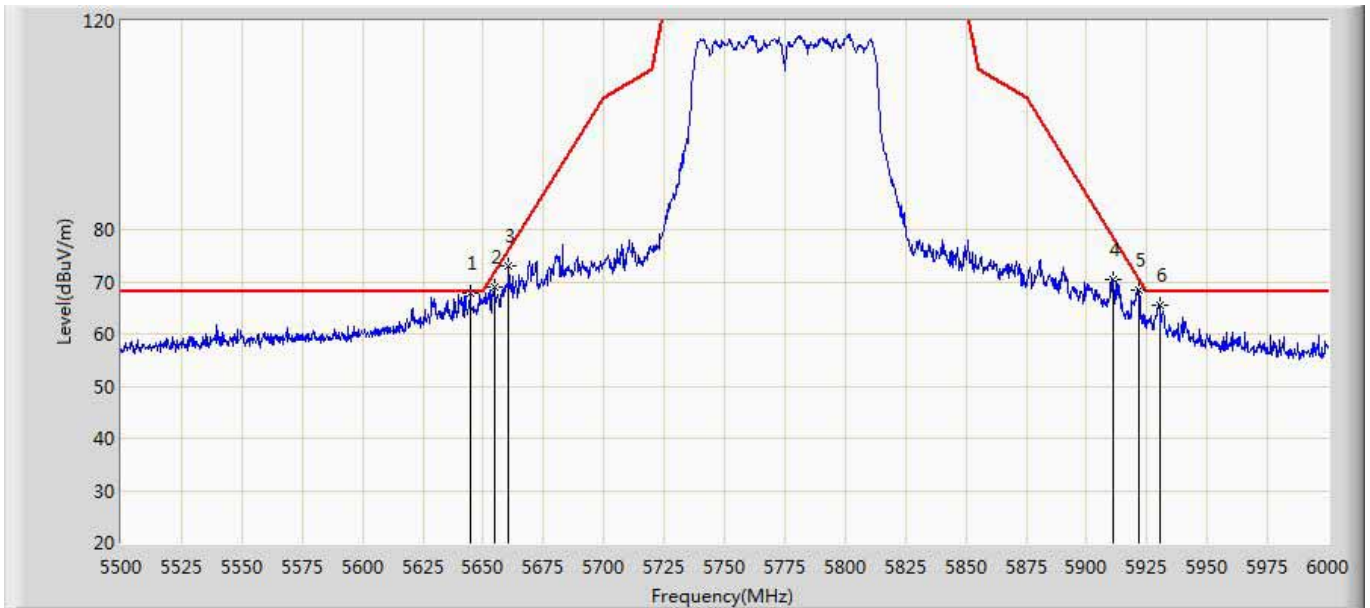
Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:47
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5795MHz by 802.11AC40	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5871.500	66.179	25.336	-40.001	106.180	40.843	PK
2		5900.500	59.614	18.720	-26.716	86.330	40.894	PK
3	*	5933.000	54.179	13.262	-14.021	68.200	40.917	PK

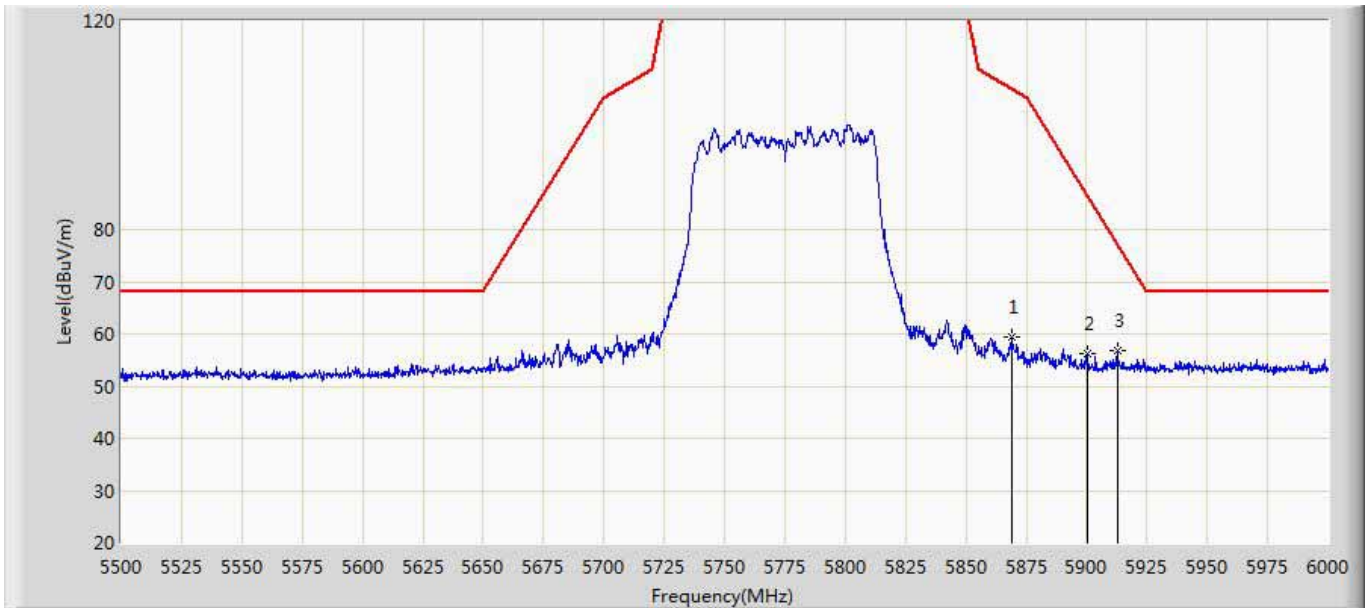


Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:48
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5775MHz by 802.11AC80	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5644.750	67.788	27.408	-0.412	68.200	40.380	PK
2		5654.500	69.029	28.568	-2.501	71.530	40.461	PK
3		5660.500	72.985	32.494	-2.985	75.970	40.492	PK
4		5911.250	70.566	29.533	-7.809	78.375	41.034	PK
5		5921.750	68.430	27.460	-2.175	70.605	40.970	PK
6		5930.250	65.501	24.610	-2.699	68.200	40.891	PK

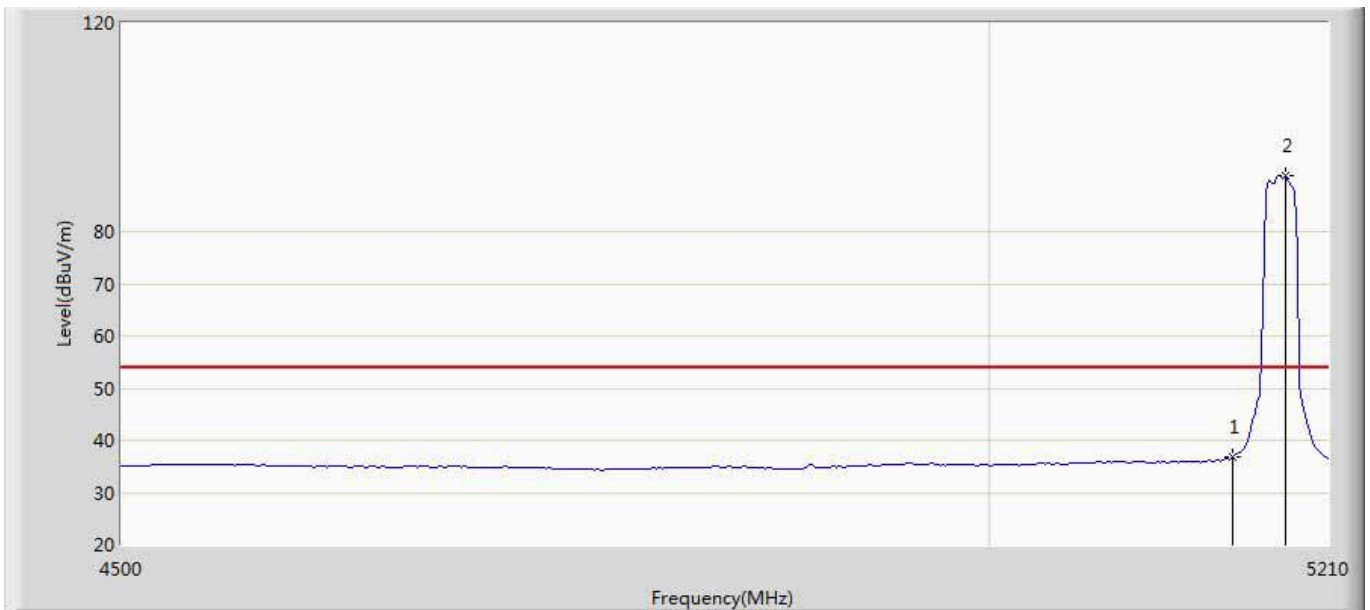
Engineer: Eric	
Site: AC5	Time: 2017/03/06 - 23:50
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5775MHz by 802.11AC80	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5869.250	59.481	18.632	-47.329	106.810	40.849	PK
2		5900.250	56.242	15.351	-30.273	86.515	40.891	PK
3	*	5912.750	56.839	15.786	-20.426	77.265	41.053	PK

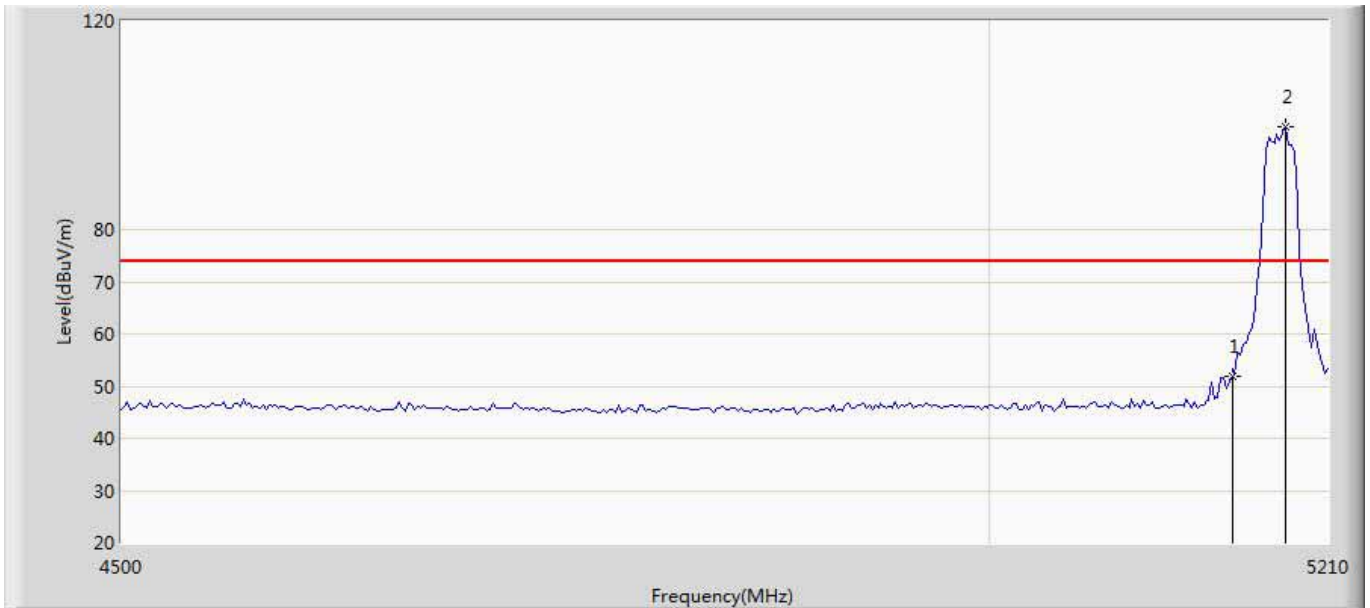
### Beam-forming Mode

Site: AC5	Time: 2017/05/31 - 16:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode7:Transmit at 5180MHz by 802.11n20 with Beamforming	



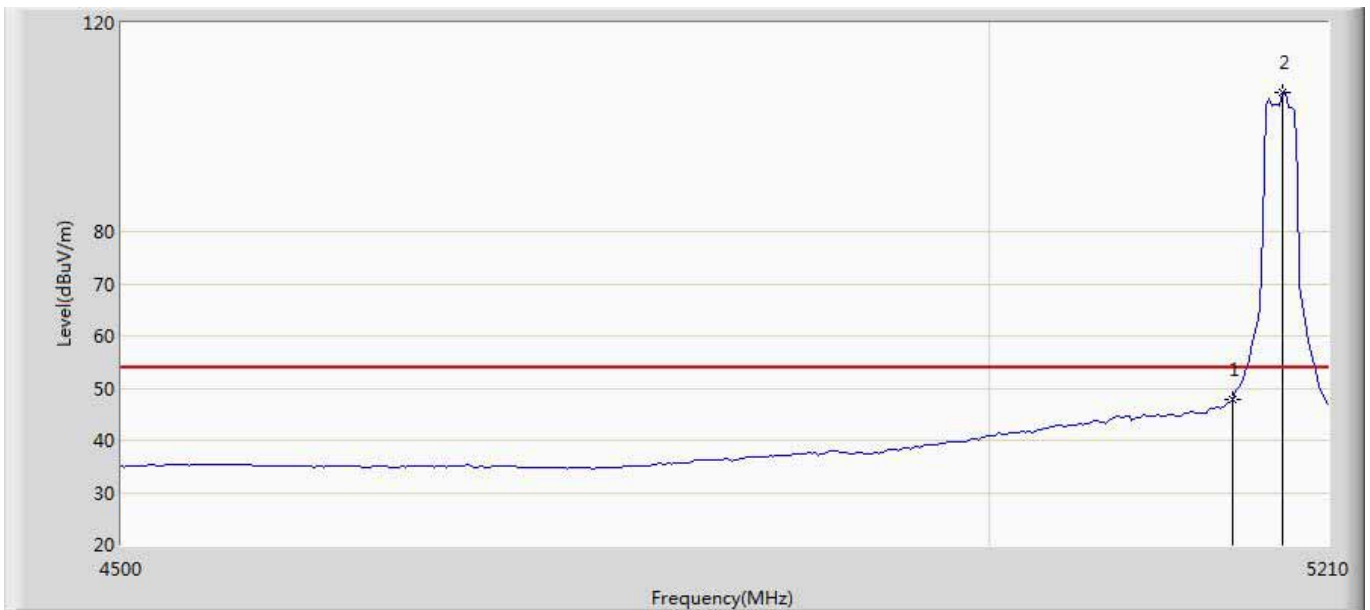
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	36.776	2.626	-17.224	54.000	34.150	AV
2	*	5183.375	90.672	56.489	36.672	54.000	34.183	AV

Site: AC5	Time: 2017/05/31 - 16:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode7:Transmit at 5180MHz by 802.11n20 with Beamforming	



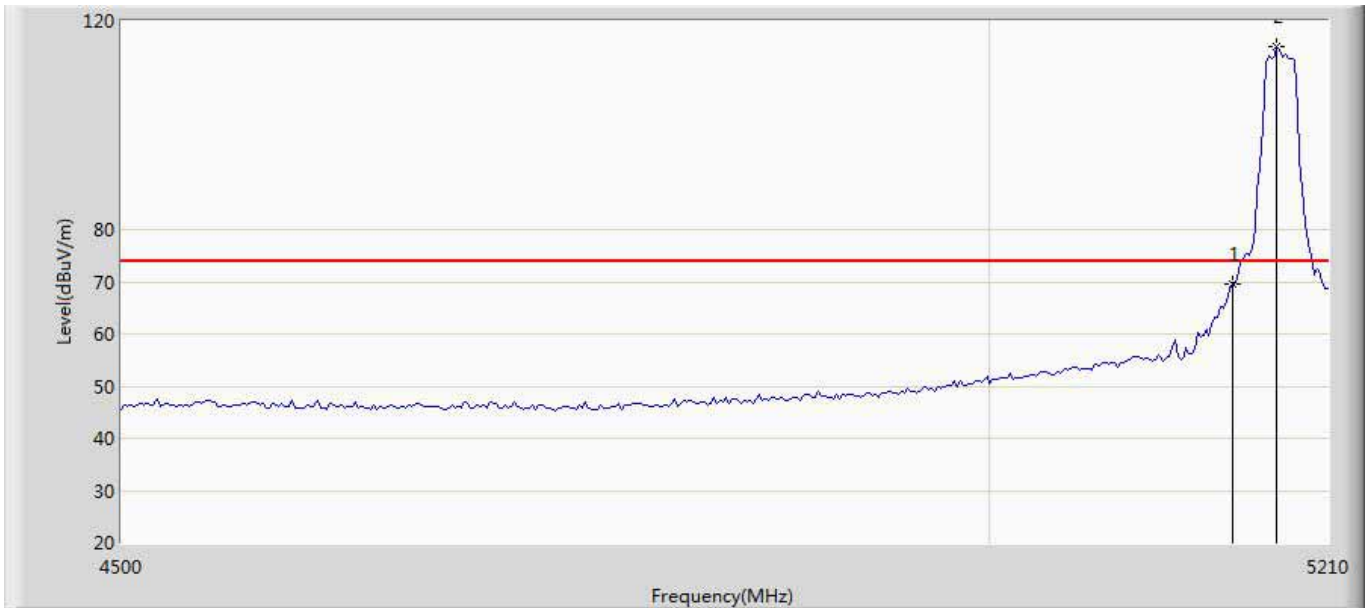
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.015	17.865	-21.985	74.000	34.150	PK
2	*	5183.375	99.665	65.482	25.665	74.000	34.183	PK

Site: AC5	Time: 2017/05/31 - 16:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode7:Transmit at 5180MHz by 802.11n20 with Beamforming	



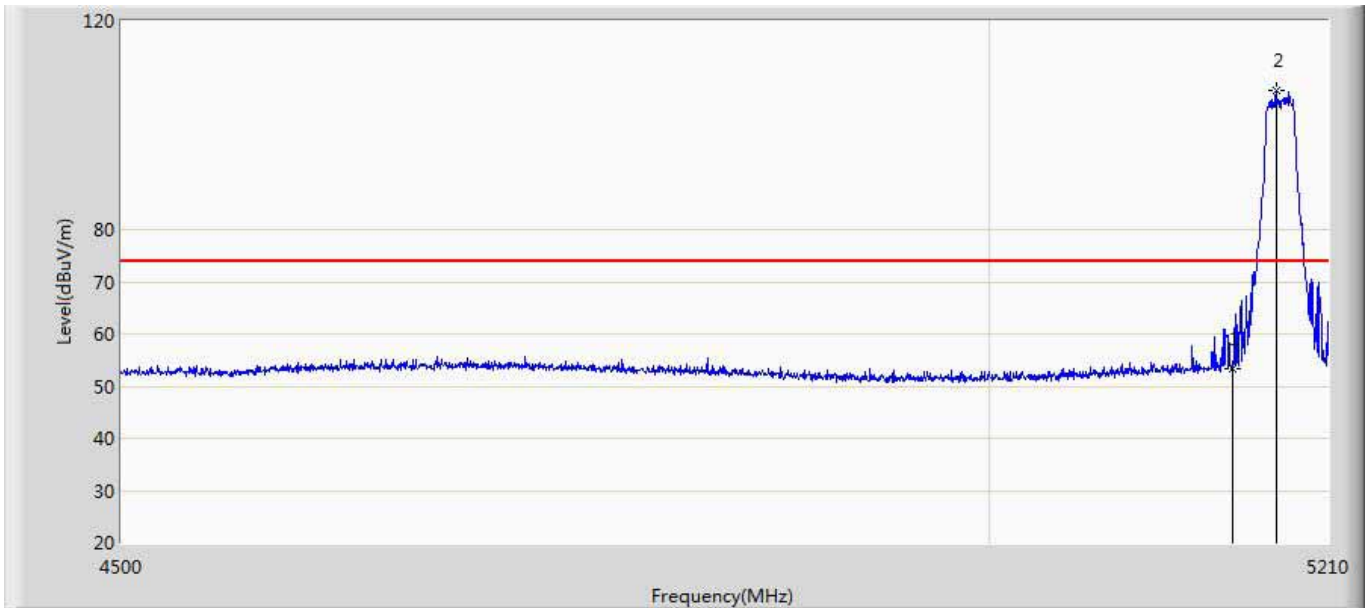
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	47.868	13.718	-6.132	54.000	34.150	AV
2	*	5181.600	106.715	72.533	52.715	54.000	34.182	AV

Site: AC5	Time: 2017/05/31 - 16:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode7:Transmit at 5180MHz by 802.11n20 with Beamforming	



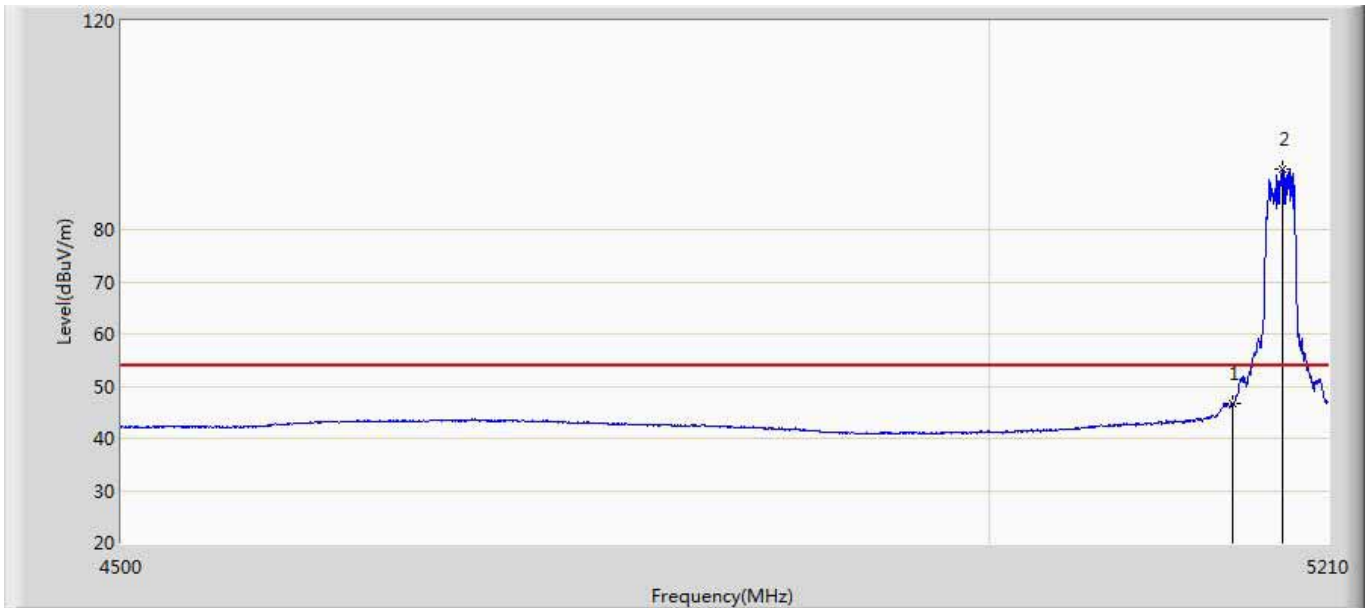
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	69.705	35.555	-4.295	74.000	34.150	PK
2	*	5178.050	115.048	80.870	41.048	74.000	34.178	PK

Site: AC5	Time: 2017/06/05 - 16:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 5180MHz by 802.11ac20 with Beamforming	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.336	19.186	-20.664	74.000	34.150	PK
2	*	5177.340	106.525	72.348	32.525	74.000	34.177	PK

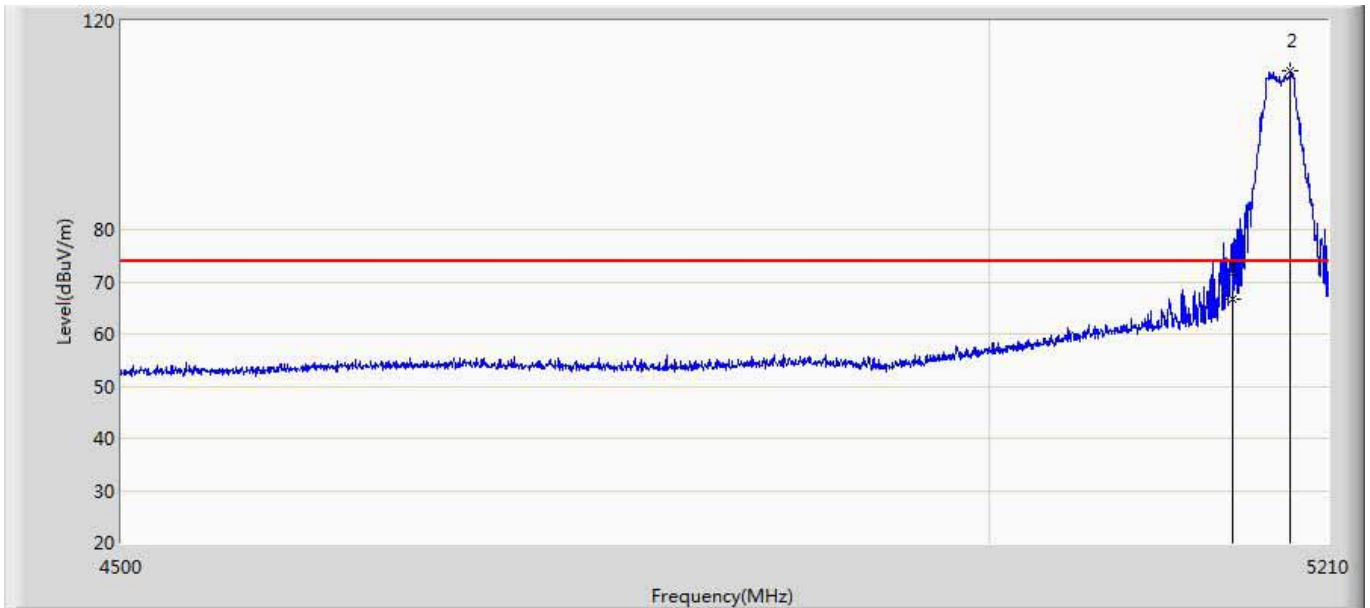
Site: AC5	Time: 2017/06/05 - 16:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 5180MHz by 802.11ac20 with Beamforming	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	46.685	12.535	-7.315	54.000	34.150	AV
2	*	5181.600	91.626	57.444	37.626	54.000	34.182	AV

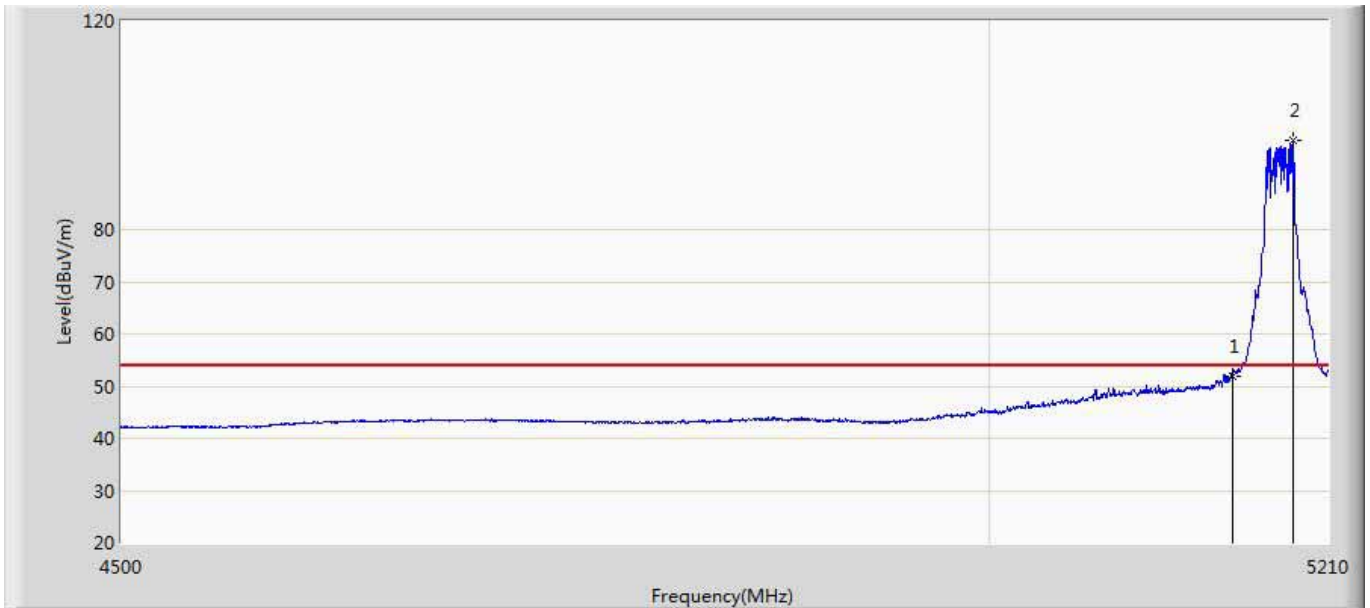


Site: AC5	Time: 2017/06/05 - 16:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 5180MHz by 802.11ac20 with Beamforming	



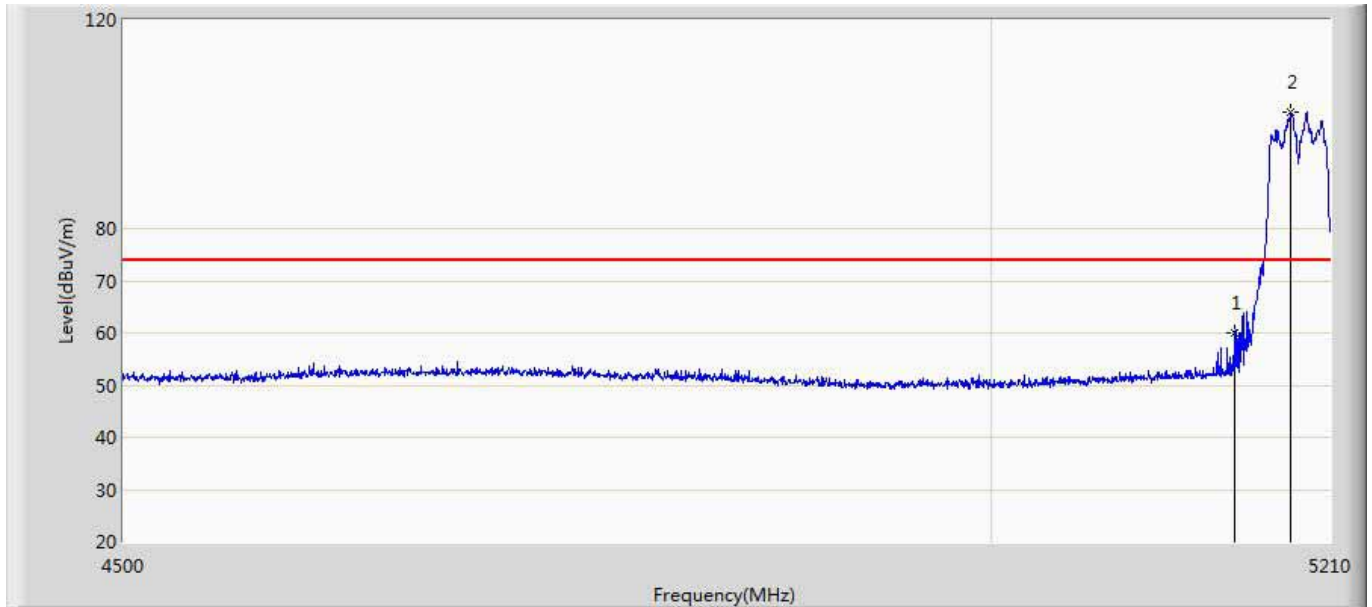
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	66.715	32.565	-7.285	74.000	34.150	PK
2	*	5186.570	110.421	76.234	36.421	74.000	34.187	PK

Site: AC5	Time: 2017/06/05 - 16:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 5180MHz by 802.11ac20 with Beamforming	



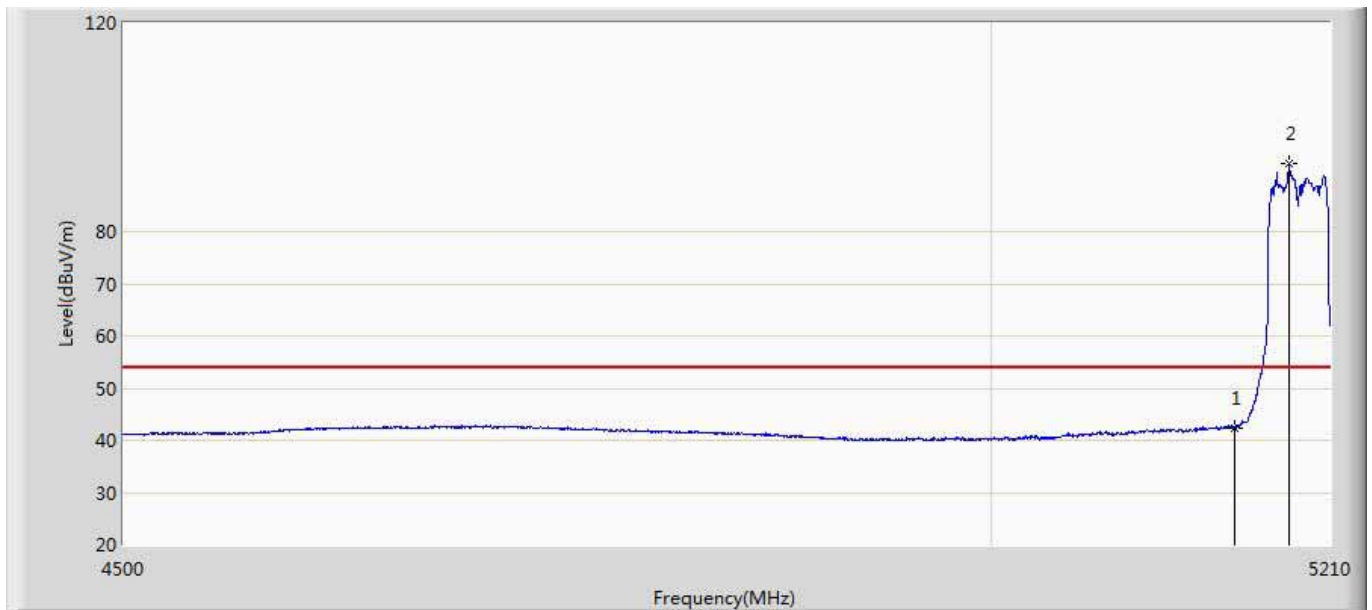
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	51.889	17.739	-2.111	54.000	34.150	AV
2	*	5187.635	97.164	62.976	43.164	54.000	34.188	AV

Site: AC5	Time: 2017/06/07 - 19:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 5190MHz by 802.11n40 with Beamforming	



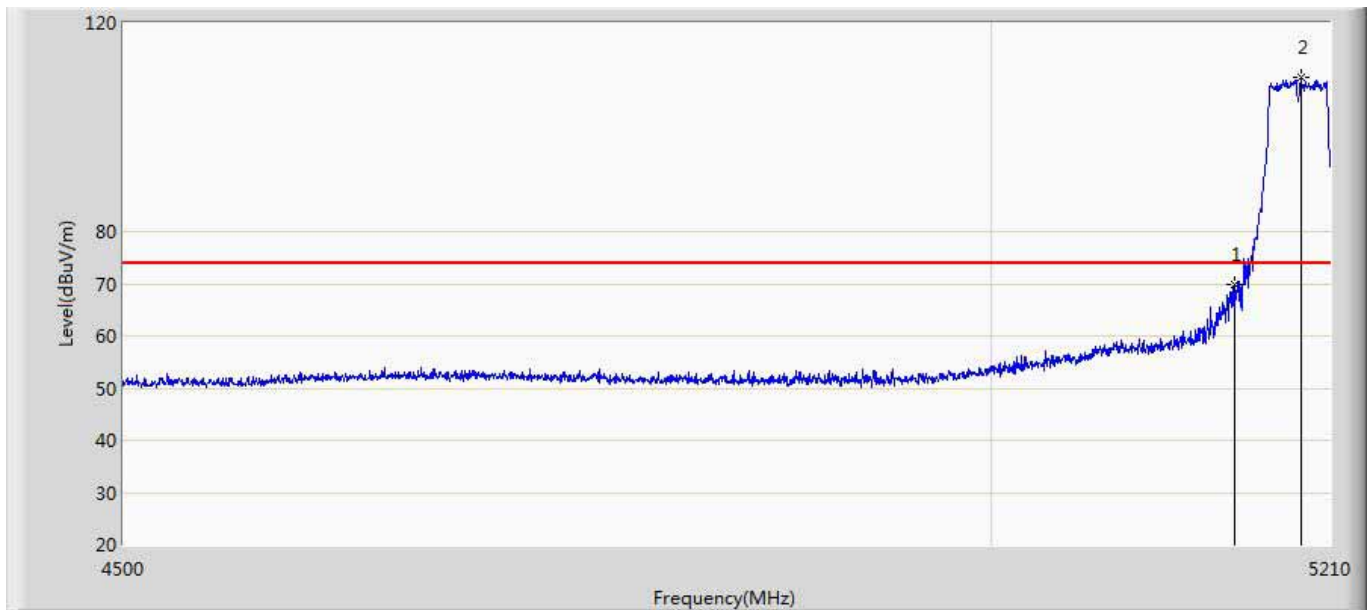
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	60.144	25.994	-13.856	74.000	34.150	PK
2	*	5185.150	102.274	68.089	28.274	74.000	34.185	PK

Site: AC5	Time: 2017/06/07 - 19:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 5190MHz by 802.11n40 with Beamforming	



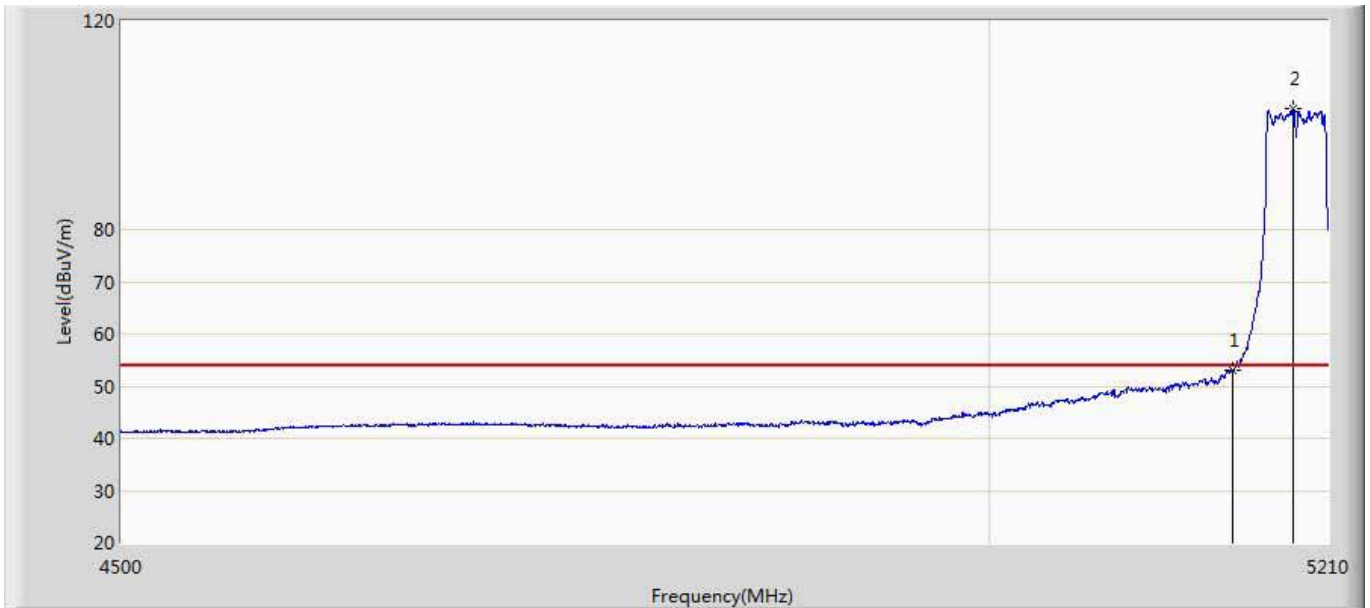
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	42.300	8.150	-11.700	54.000	34.150	AV
2	*	5184.085	92.980	58.796	38.980	54.000	34.184	AV

Site: AC5	Time: 2017/06/07 - 19:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 5190MHz by 802.11n40 with Beamforming	



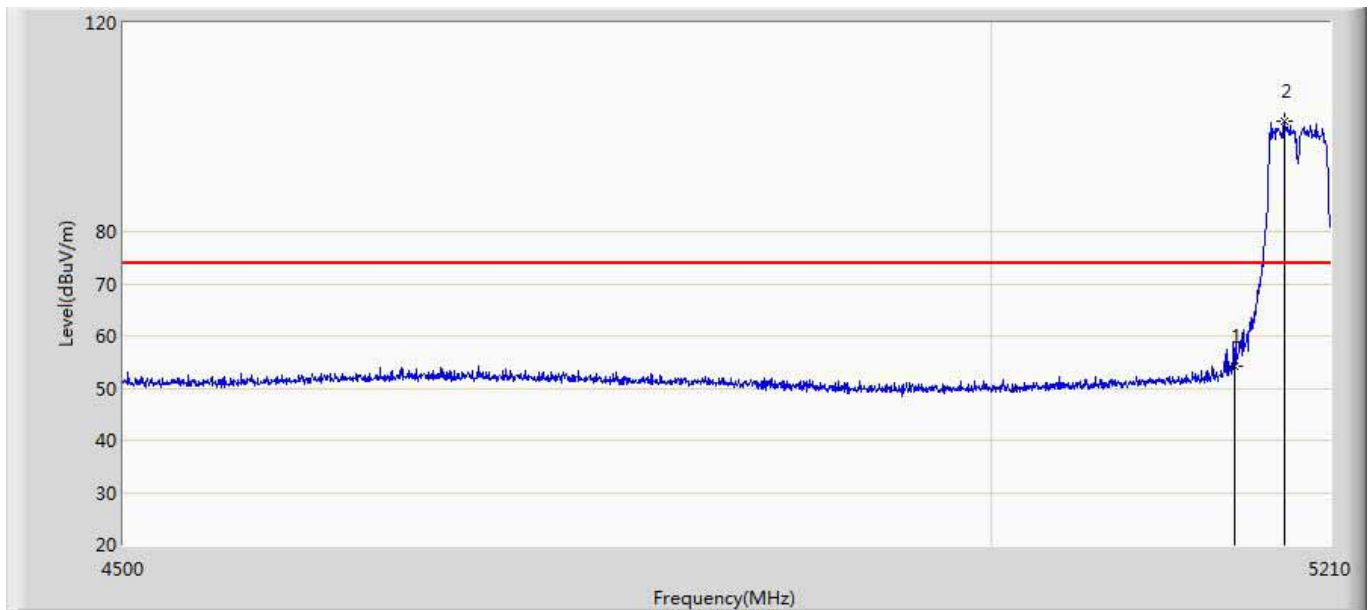
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	69.814	35.664	-4.186	74.000	34.150	PK
2	*	5191.895	109.577	75.385	35.577	74.000	34.192	PK

Site: AC5	Time: 2017/06/07 - 19:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 5190MHz by 802.11n40 with Beamforming	



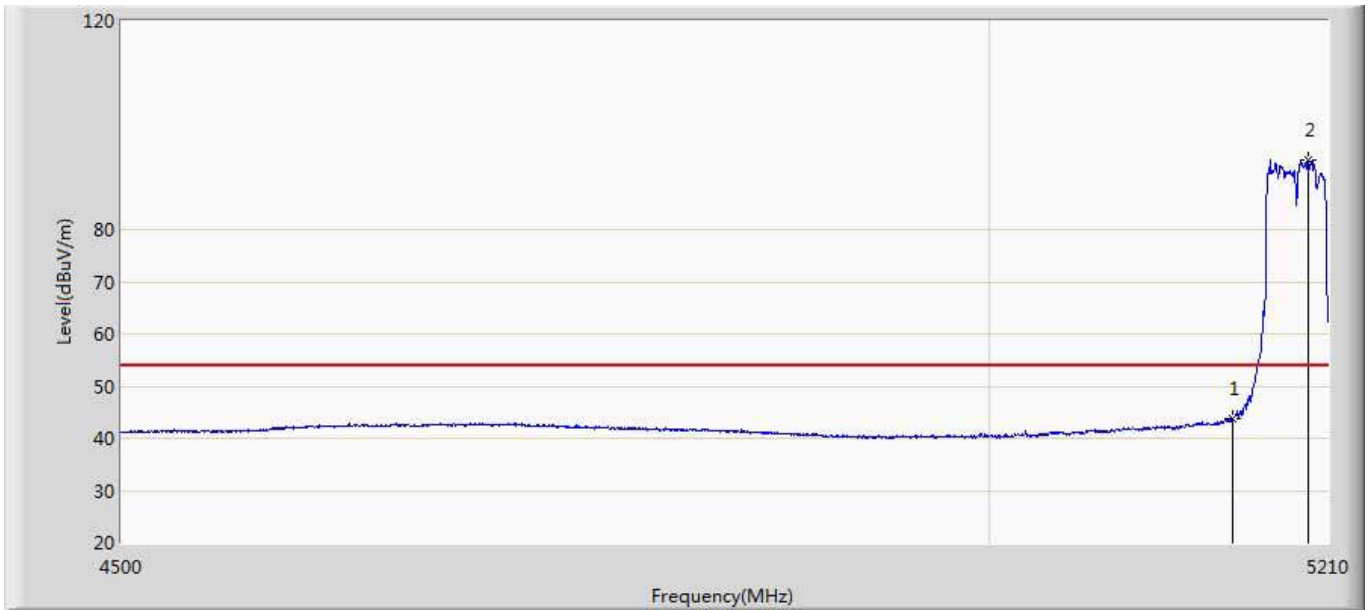
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.902	18.752	-1.098	54.000	34.150	AV
2	*	5187.990	103.229	69.041	49.229	54.000	34.188	AV

Site: AC5	Time: 2017/06/06 - 10:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 10:Transmit at 5190MHz by 802.11ac40 with Beamforming	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	54.190	20.040	-19.810	74.000	34.150	PK
2	*	5181.245	101.043	66.862	27.043	74.000	34.181	PK

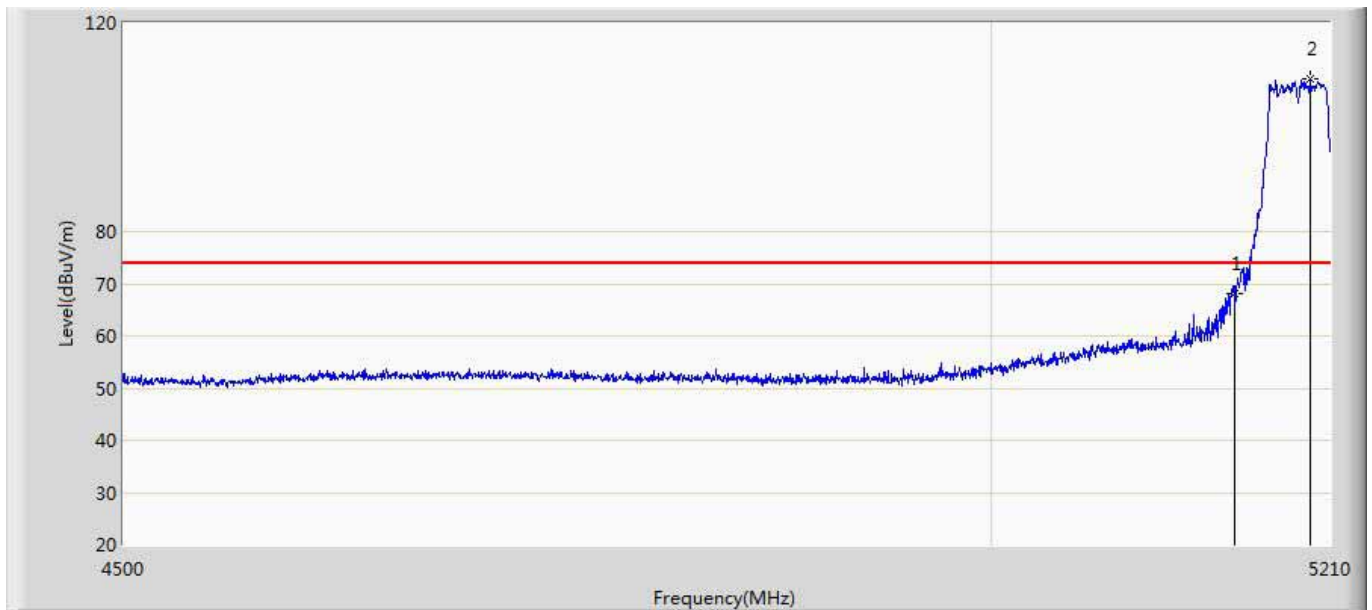
Site: AC5	Time: 2017/06/06 - 19:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 10:Transmit at 5190MHz by 802.11ac40 with Beamforming	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	43.838	9.688	-10.162	54.000	34.150	AV
2	*	5197.220	93.471	59.274	39.471	54.000	34.197	AV

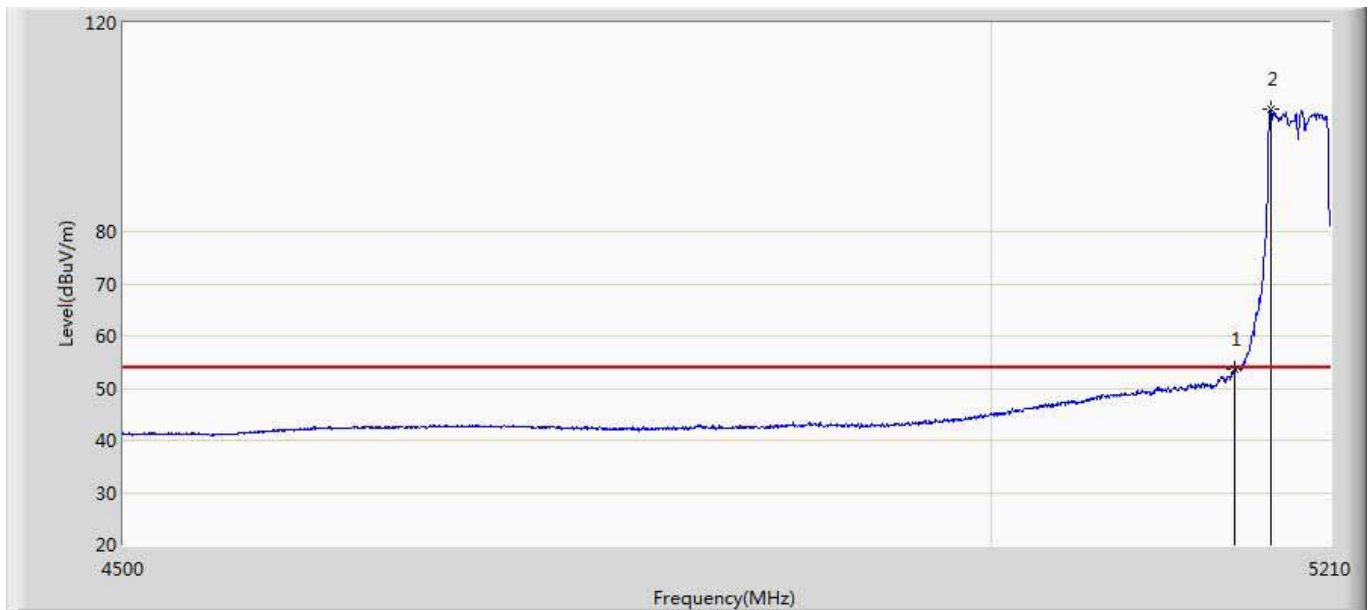


Site: AC5	Time: 2017/06/06 - 19:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 10:Transmit at 5190MHz by 802.11ac40 with Beamforming	



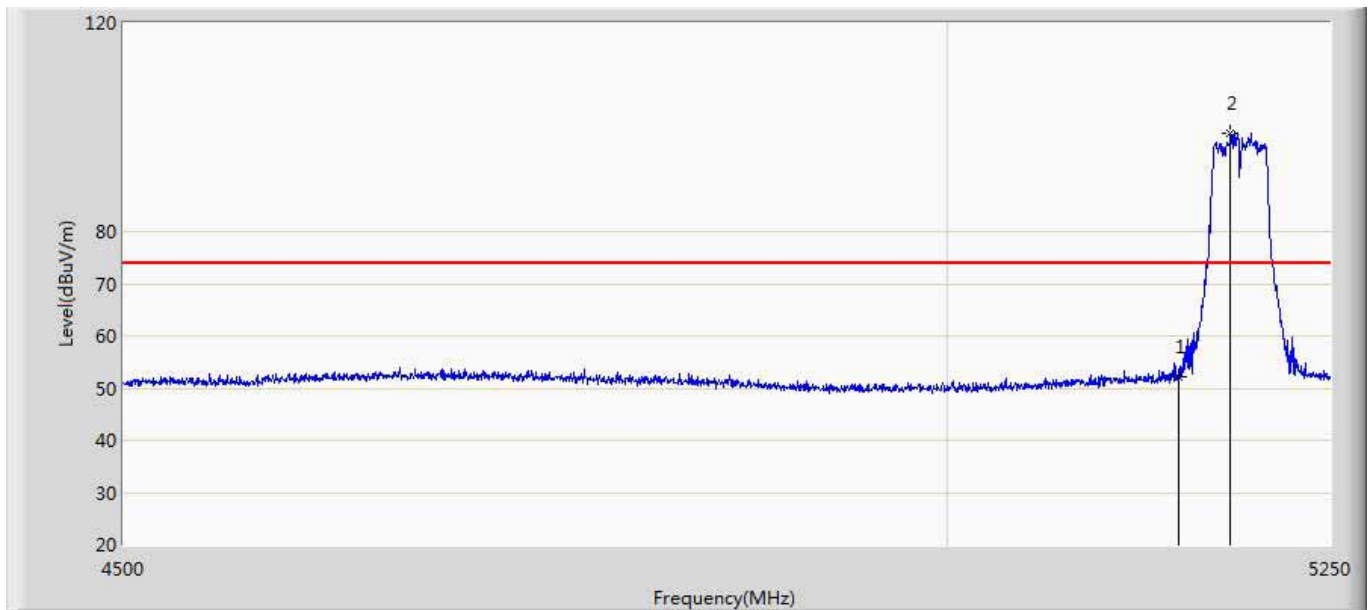
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	68.100	33.950	-5.900	74.000	34.150	PK
2	*	5197.220	109.233	75.036	35.233	74.000	34.197	PK

Site: AC5	Time: 2017/06/06 - 19:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 10:Transmit at 5190MHz by 802.11ac40 with Beamforming	



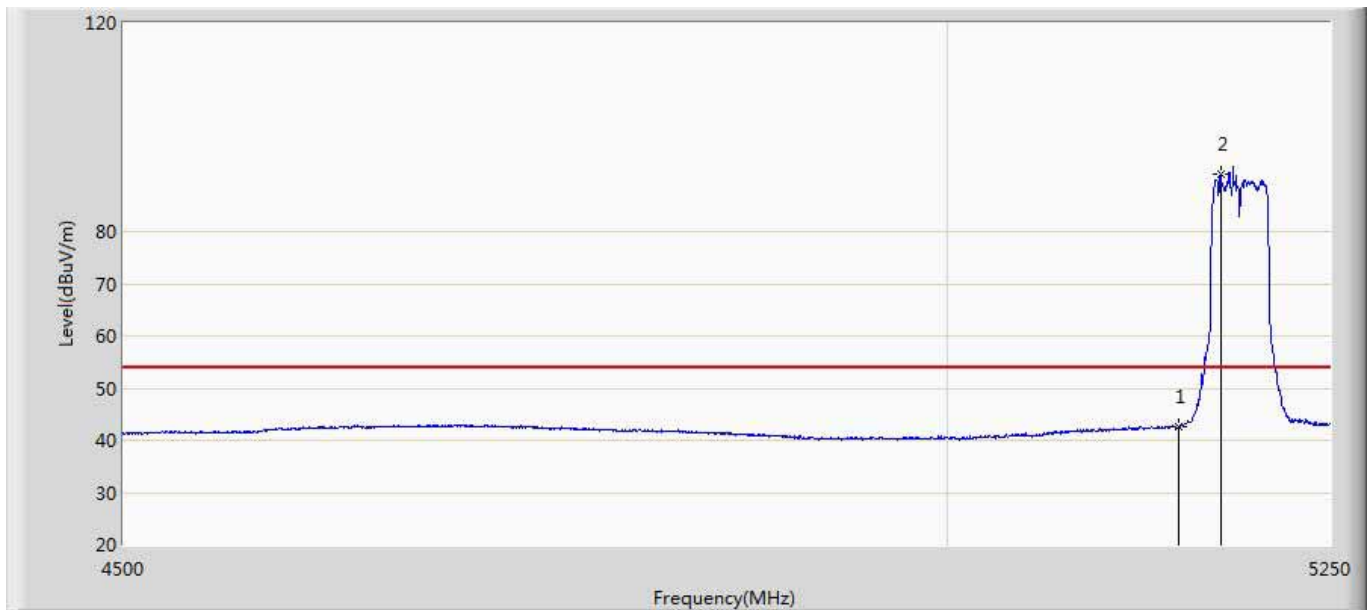
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.676	19.526	-0.324	54.000	34.150	AV
2	*	5172.370	103.409	69.237	49.409	54.000	34.172	AV

Site: AC5	Time: 2017/06/07 - 19:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 11:Transmit at 5210MHz by 802.11ac80 with Beamforming	



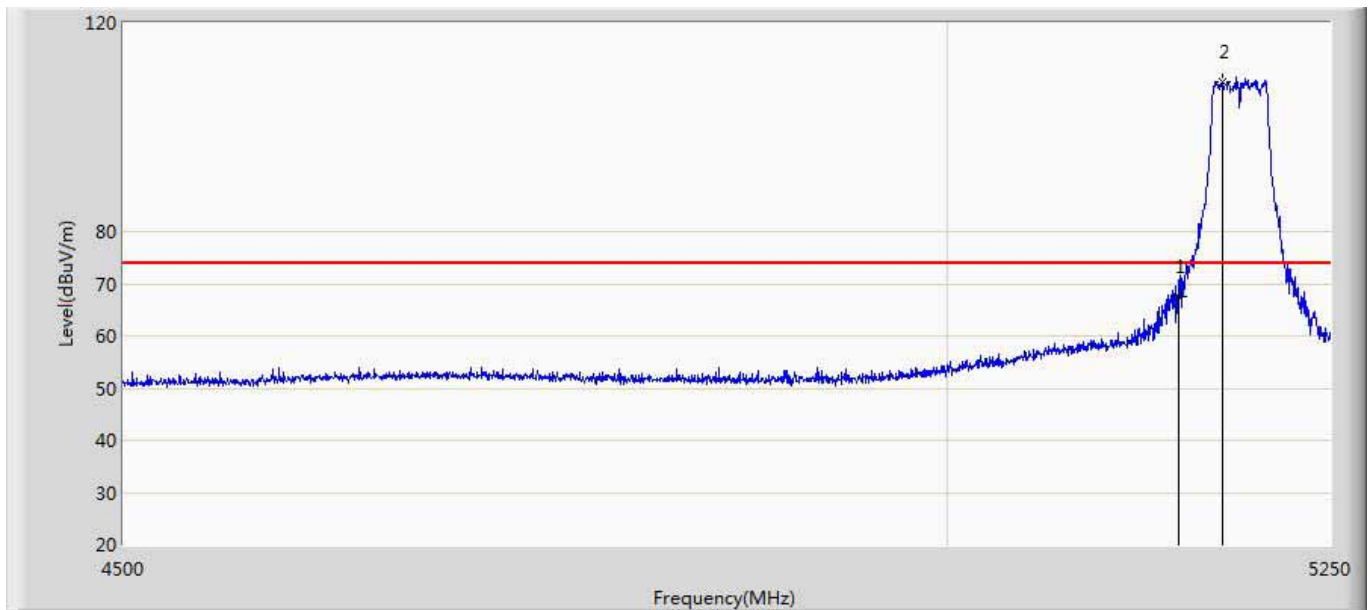
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.060	17.910	-21.940	74.000	34.150	PK
2	*	5183.625	98.802	64.618	24.802	74.000	34.184	PK

Site: AC5	Time: 2017/06/07 - 19:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 11:Transmit at 5210MHz by 802.11ac80 with Beamforming	



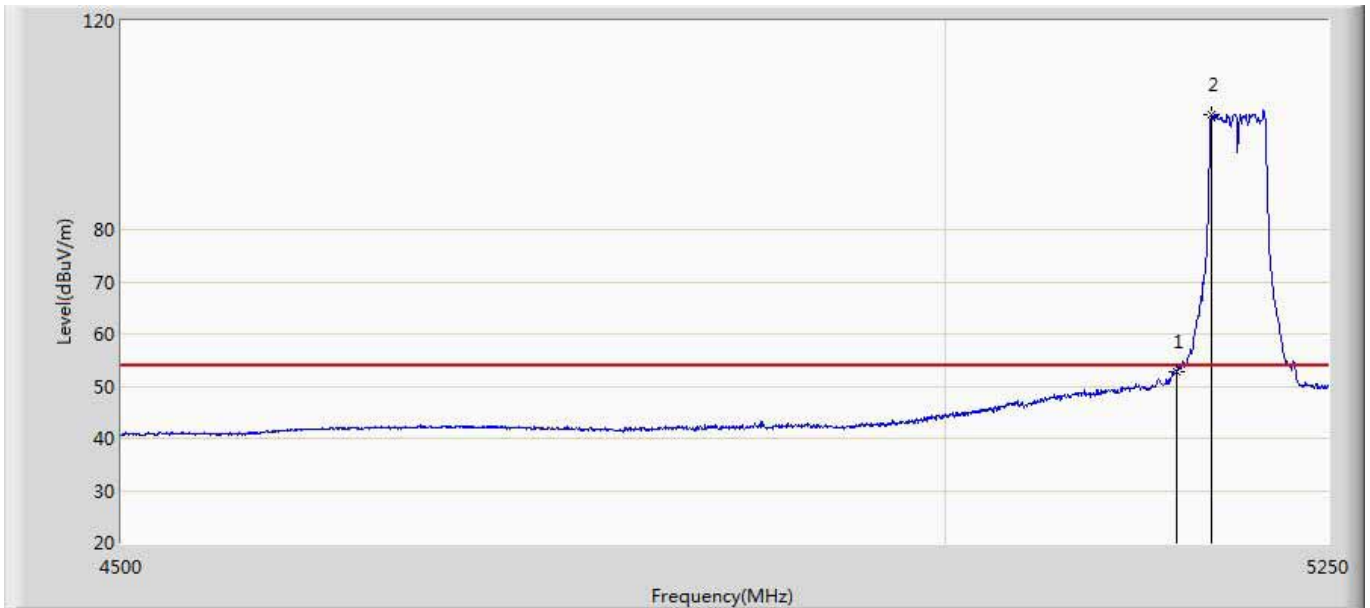
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	42.649	8.499	-11.351	54.000	34.150	AV
2	*	5177.250	91.023	56.846	37.023	54.000	34.177	AV

Site: AC5	Time: 2017/06/07 - 19:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 11:Transmit at 5210MHz by 802.11ac80 with Beamforming	



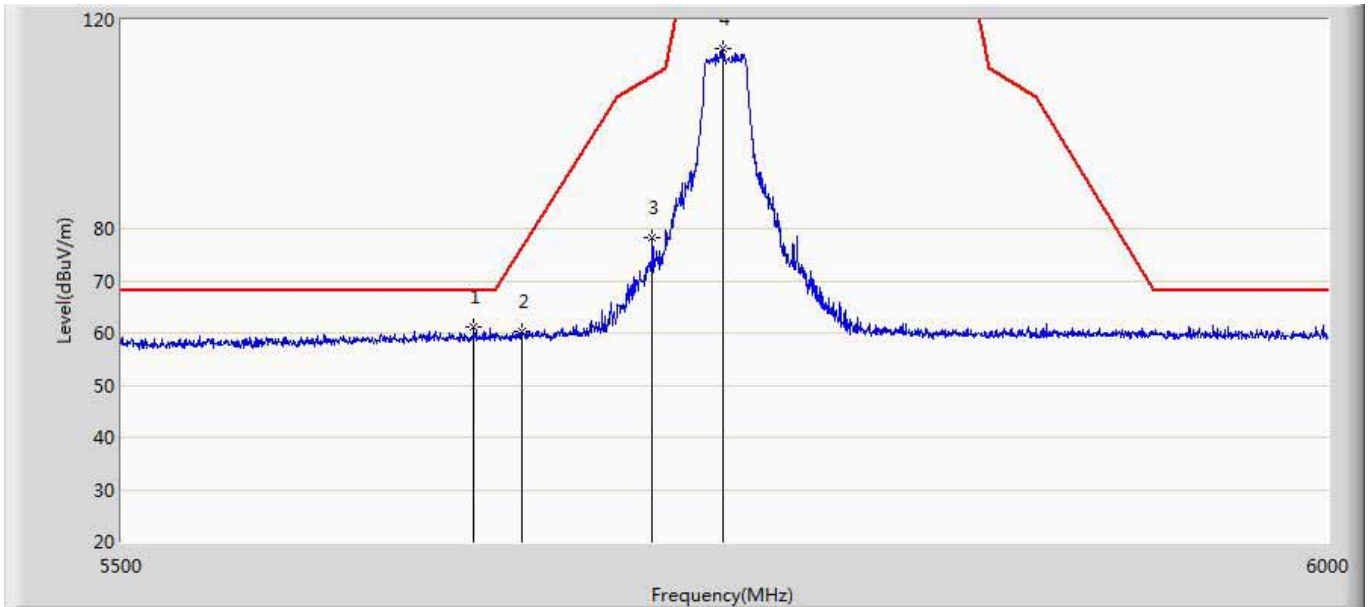
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	67.545	33.395	-6.455	74.000	34.150	PK
2	*	5178.000	108.646	74.468	34.646	74.000	34.178	PK

Site: AC5	Time: 2017/06/07 - 19:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 11:Transmit at 5210MHz by 802.11ac80 with Beamforming	



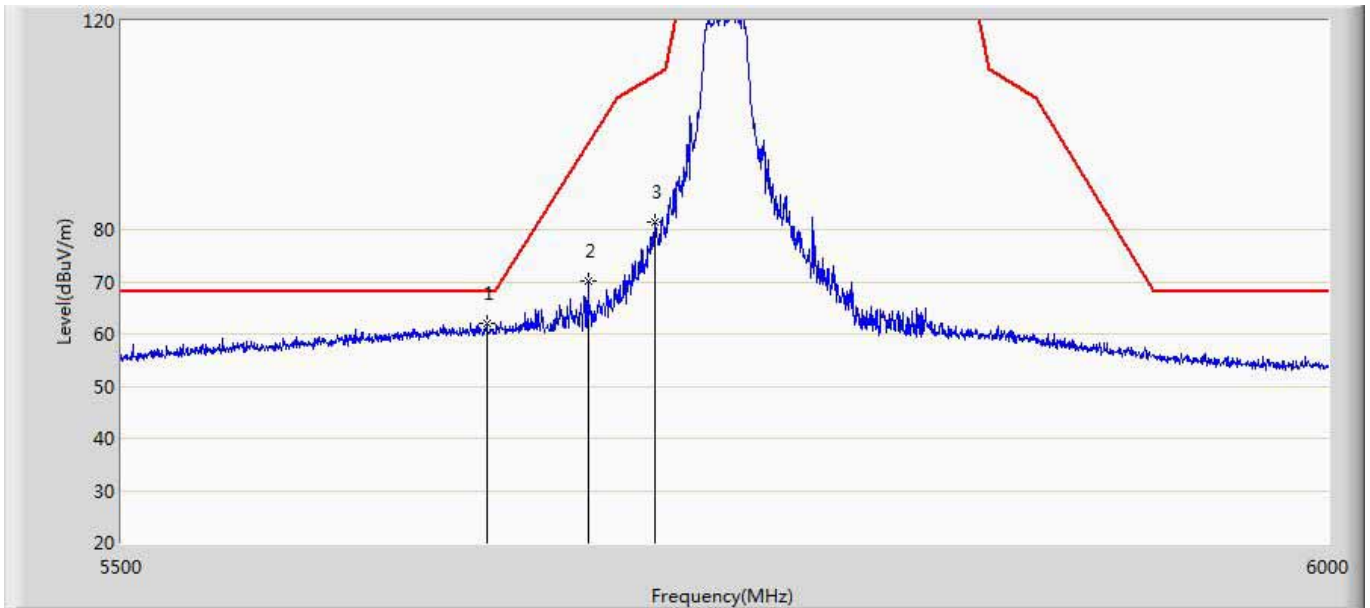
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.875	18.725	-1.125	54.000	34.150	AV
2	*	5172.000	101.915	67.743	47.915	54.000	34.172	AV

Site: AC5	Time: 2017/06/14 - 16:31
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 7:Transmit at 5745MHz by 802.11N20 with Beamforming	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5641.750	61.274	20.918	-6.926	68.200	40.356	PK
2		5661.000	60.354	19.863	-15.986	76.340	40.491	PK
3		5714.750	78.150	37.582	-31.180	109.330	40.568	PK
4		5743.750	114.515	73.931	-7.685	122.200	40.584	PK

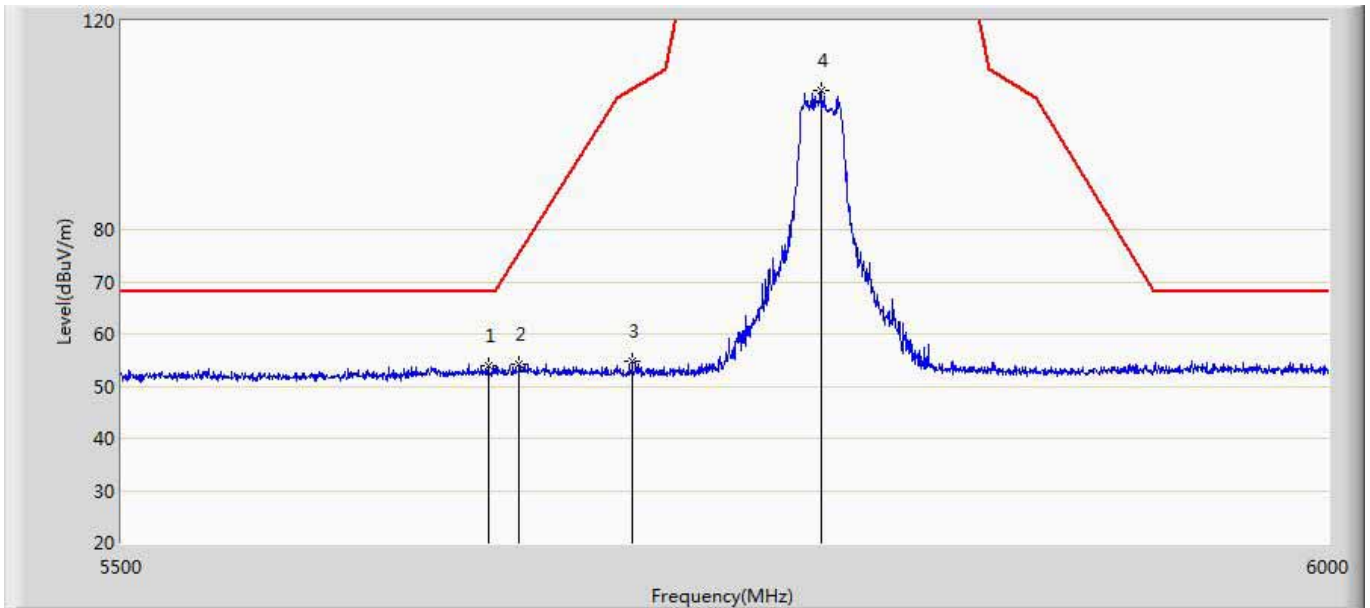
Site: AC5	Time: 2017/06/14 - 16:34
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 7:Transmit at 5745MHz by 802.11N20 with Beamforming	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5647.000	61.910	21.511	-6.290	68.200	40.399	PK
2		5688.250	70.136	29.621	-26.369	96.505	40.515	PK
3		5715.750	81.523	40.961	-28.087	109.610	40.562	PK

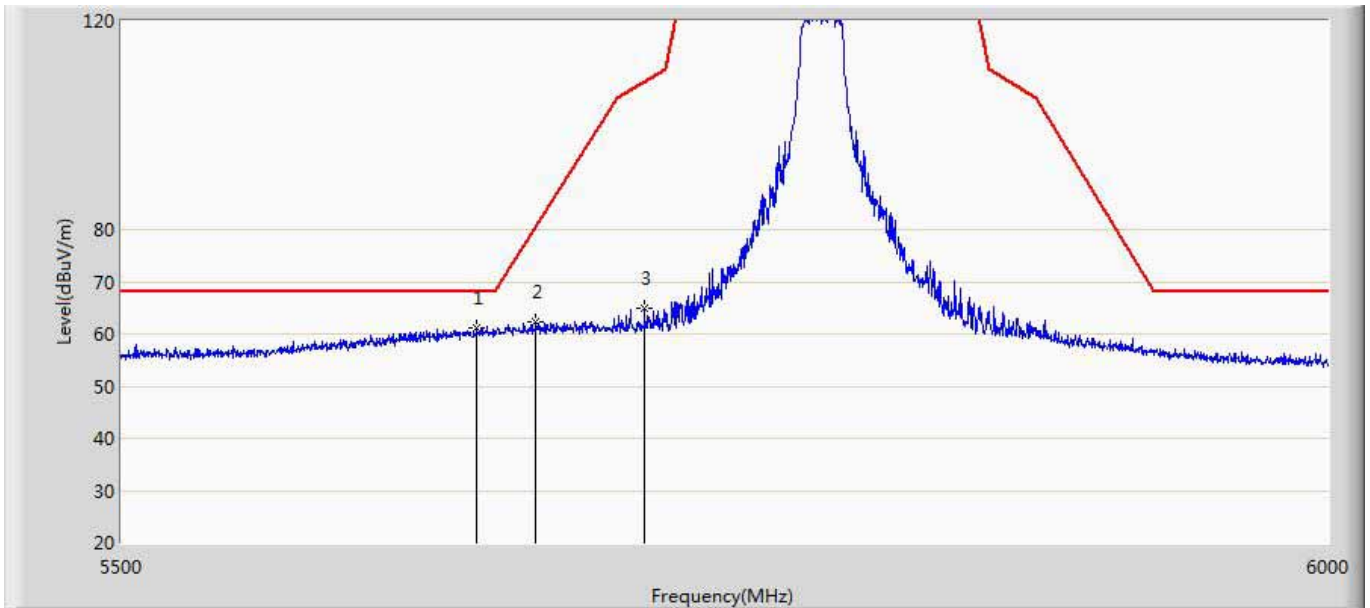


Site: AC5	Time: 2017/06/14 - 17:00
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 7:Transmit at 5785MHz by 802.11N20 with Beamforming	



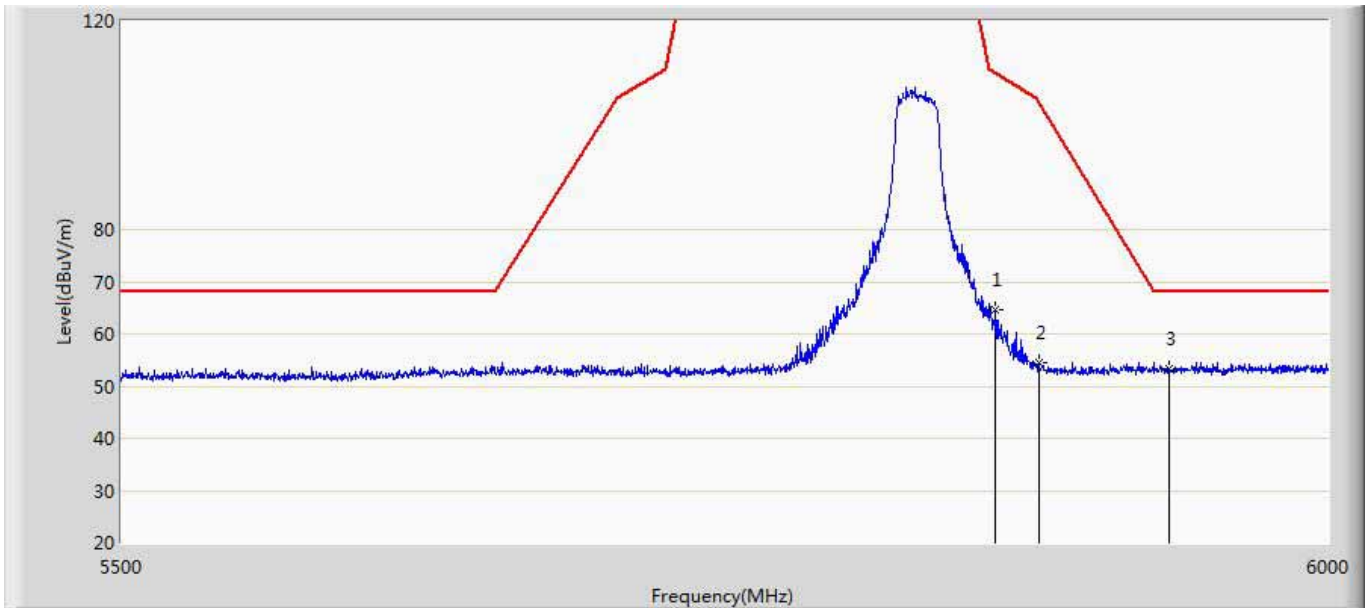
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5647.500	53.984	13.581	-14.216	68.200	40.403	PK
2		5660.250	54.135	13.644	-21.650	75.785	40.491	PK
3		5706.500	54.657	14.069	-52.363	107.020	40.587	PK
4		5784.750	106.626	65.922	-15.574	122.200	40.704	PK

Site: AC5	Time: 2017/06/14 - 17:06
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 7: Transmit at 5785MHz by 802.11N20 with Beamforming	



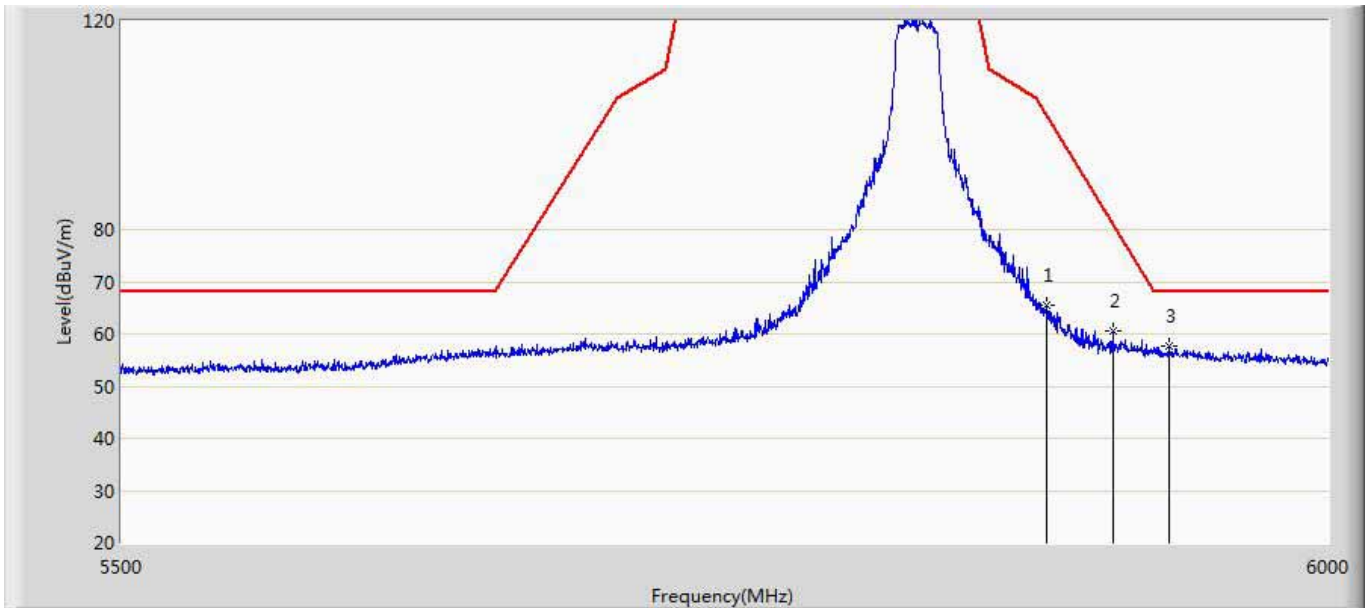
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5642.750	61.175	20.811	-7.025	68.200	40.363	PK
2		5667.000	62.418	21.925	-18.362	80.780	40.493	PK
3		5711.500	64.943	24.358	-43.477	108.420	40.585	PK

Site: AC5	Time: 2017/06/14 - 17:07
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 7:Transmit at 5825MHz by 802.11N20 with Beamforming	



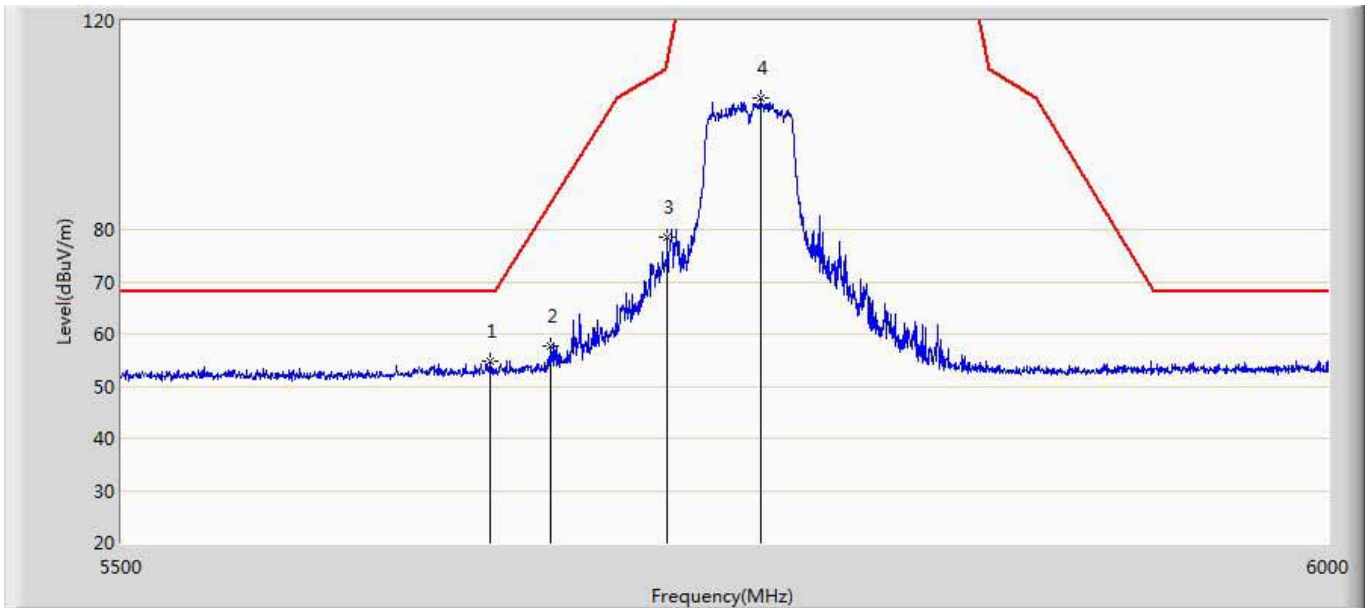
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5857.750	64.754	23.893	-45.276	110.030	40.861	PK
2		5876.250	54.505	13.674	-49.770	104.275	40.831	PK
3	*	5931.750	53.420	12.515	-14.780	68.200	40.905	PK

Site: AC5	Time: 2017/06/14 - 17:10
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 7: Transmit at 5825MHz by 802.11N20 with Beamforming	



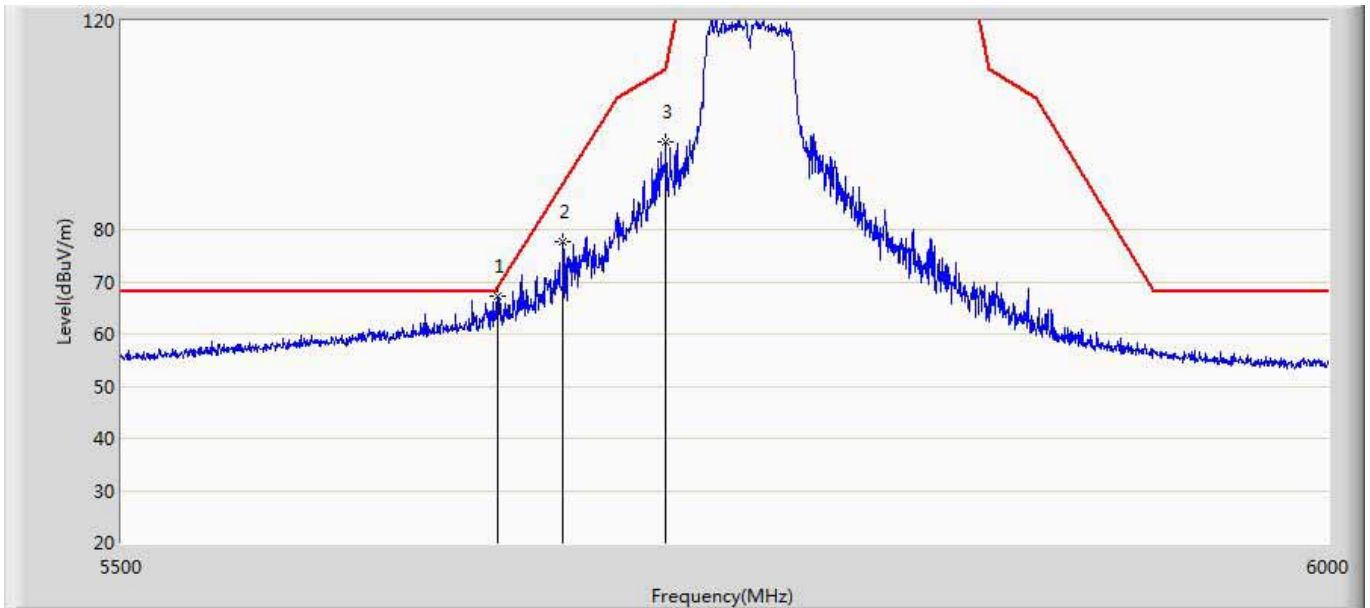
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5879.250	65.635	24.811	-36.420	102.055	40.824	PK
2		5907.500	60.579	19.594	-20.571	81.150	40.984	PK
3	*	5932.000	57.605	16.697	-10.595	68.200	40.908	PK

Site: AC5	Time: 2017/06/14 - 17:13
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 5755MHz by 802.11N40 with Beamforming	



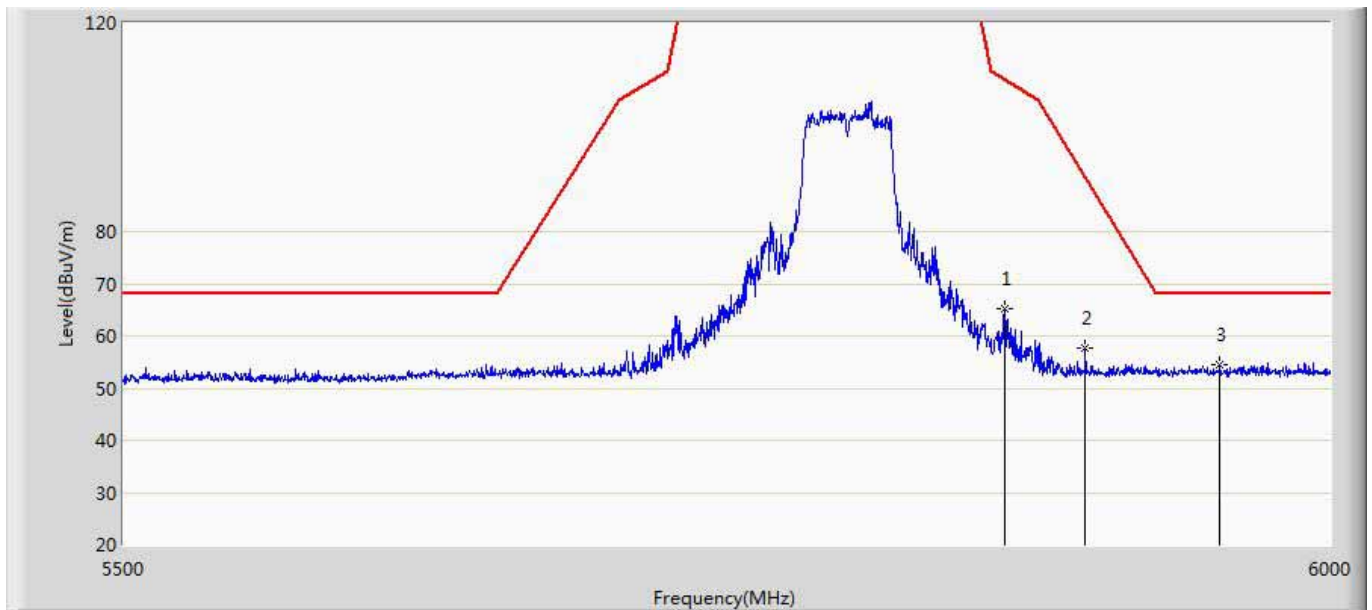
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5648.250	54.688	14.278	-13.512	68.200	40.409	PK
2		5672.750	57.736	17.241	-27.299	85.035	40.495	PK
3		5721.000	78.416	37.883	-34.664	113.080	40.533	PK
4		5759.500	105.150	64.531	-17.050	122.200	40.619	PK

Site: AC5	Time: 2017/06/14 - 17:15
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 5755MHz by 802.11N40 with Beamforming	



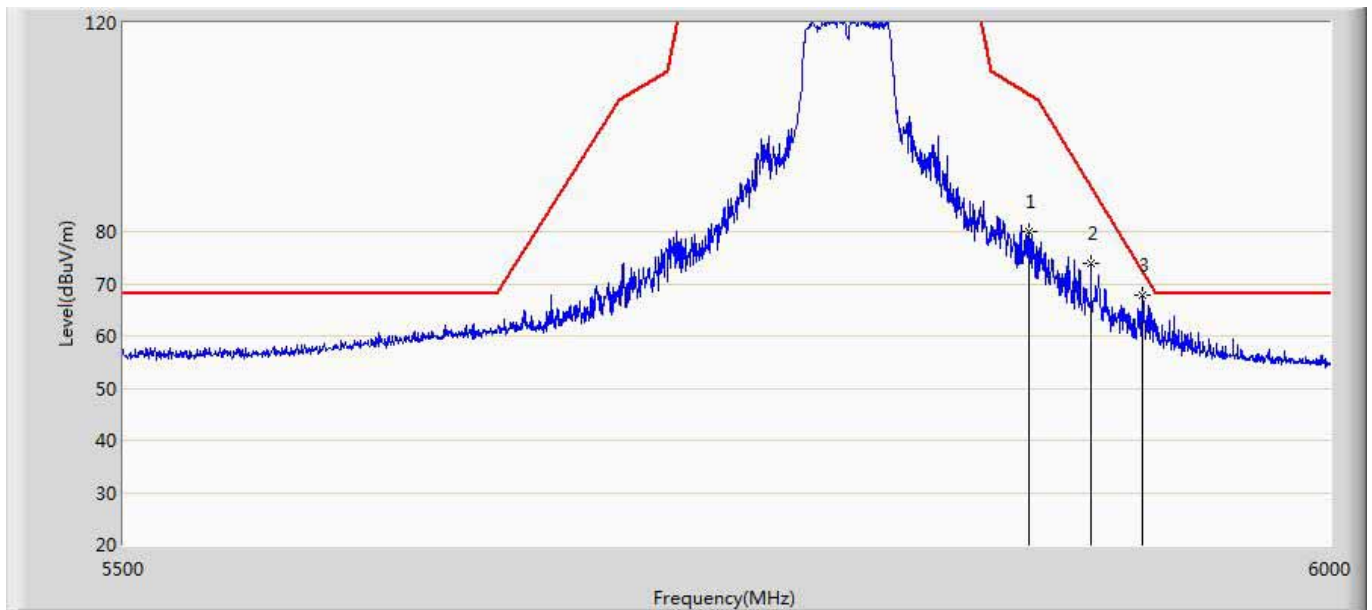
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5651.500	67.202	26.765	-2.108	69.310	40.437	PK
2		5678.000	77.562	37.062	-11.358	88.920	40.500	PK
3		5720.250	96.833	56.296	-14.537	111.370	40.537	PK

Site: AC5	Time: 2017/06/14 - 17:17
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 5795MHz by 802.11N40 with Beamforming	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5860.750	65.260	24.395	-43.930	109.190	40.865	PK
2		5895.250	57.565	16.730	-32.650	90.215	40.835	PK
3	*	5952.750	54.425	13.392	-13.775	68.200	41.033	PK

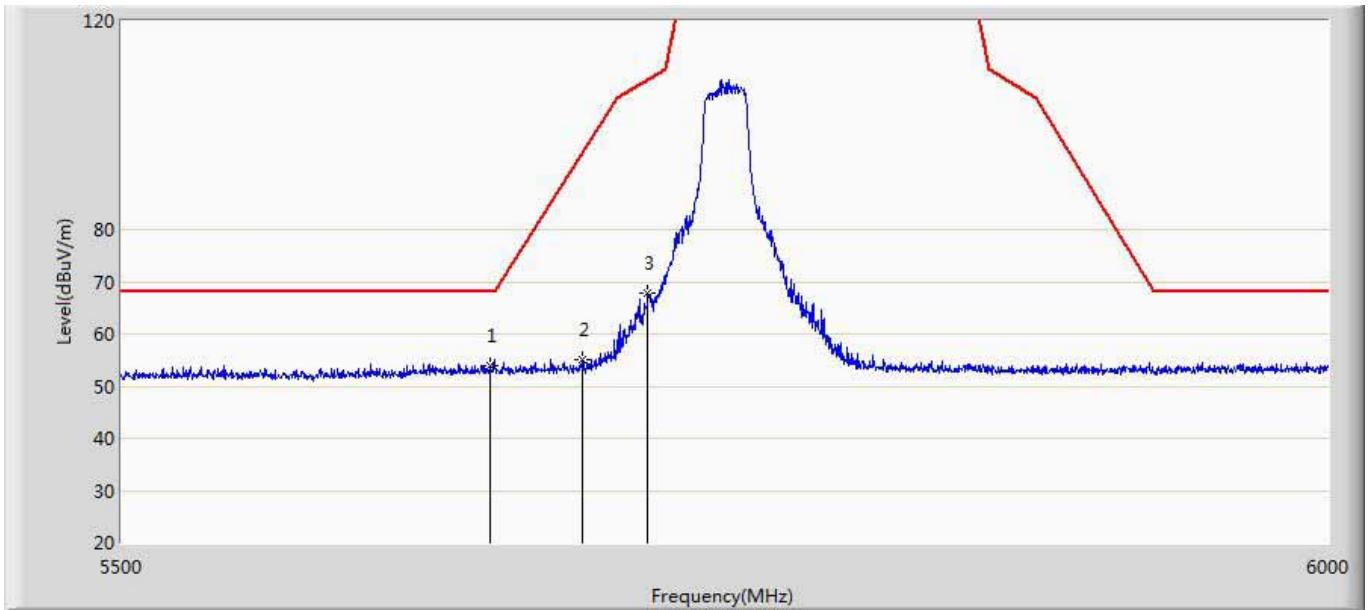
Site: AC5	Time: 2017/06/14 - 17:22
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 8:Transmit at 5795MHz by 802.11N40 with Beamforming	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5871.250	79.916	39.072	-26.334	106.250	40.844	PK
2		5897.500	73.817	32.962	-14.733	88.550	40.855	PK
3	*	5919.500	67.911	26.919	-4.359	72.270	40.992	PK

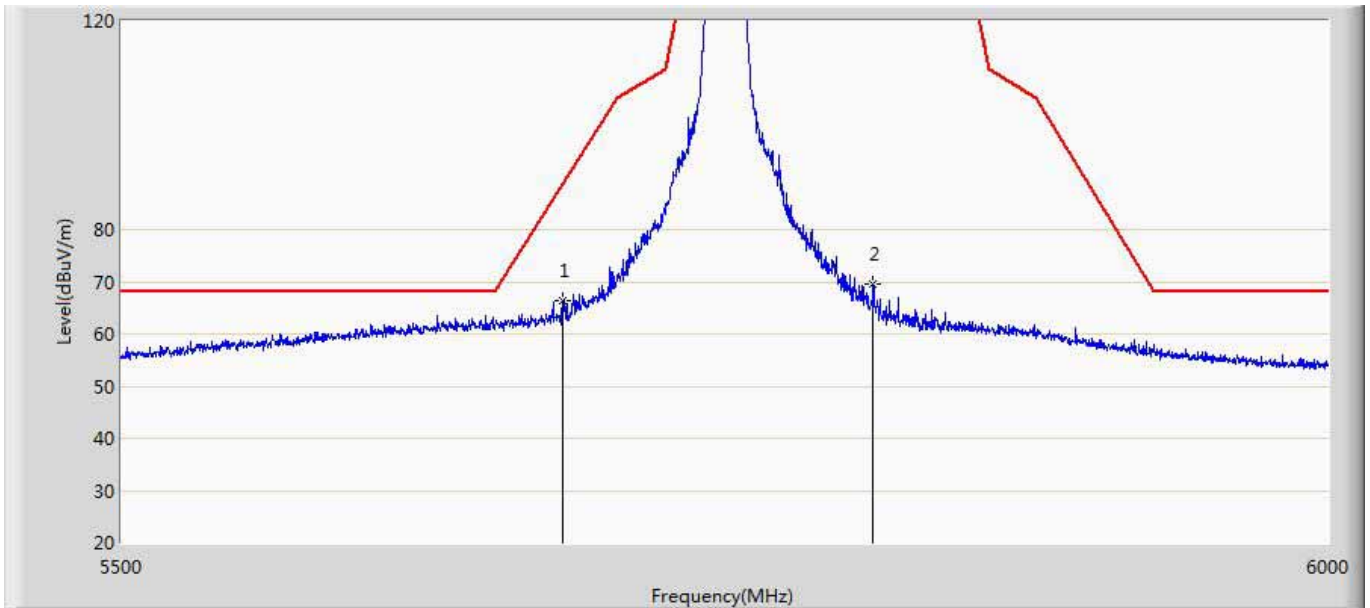


Site: AC5	Time: 2017/06/14 - 17:24
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 5745MHz by 802.11AC20 with Beamforming	



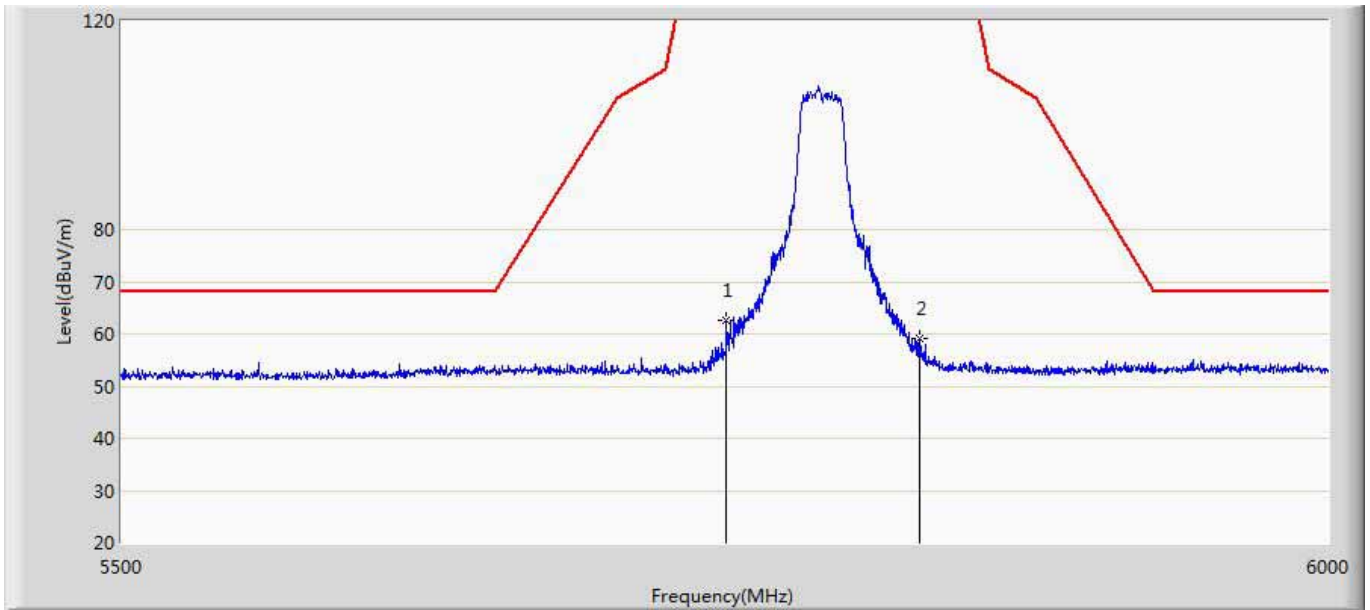
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5648.250	53.930	13.520	-14.270	68.200	40.409	PK
2		5686.250	55.187	14.675	-39.838	95.025	40.512	PK
3		5713.000	67.761	27.184	-41.079	108.840	40.577	PK

Site: AC5	Time: 2017/06/14 - 17:26
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 5745MHz by 802.11AC20 with Beamforming	



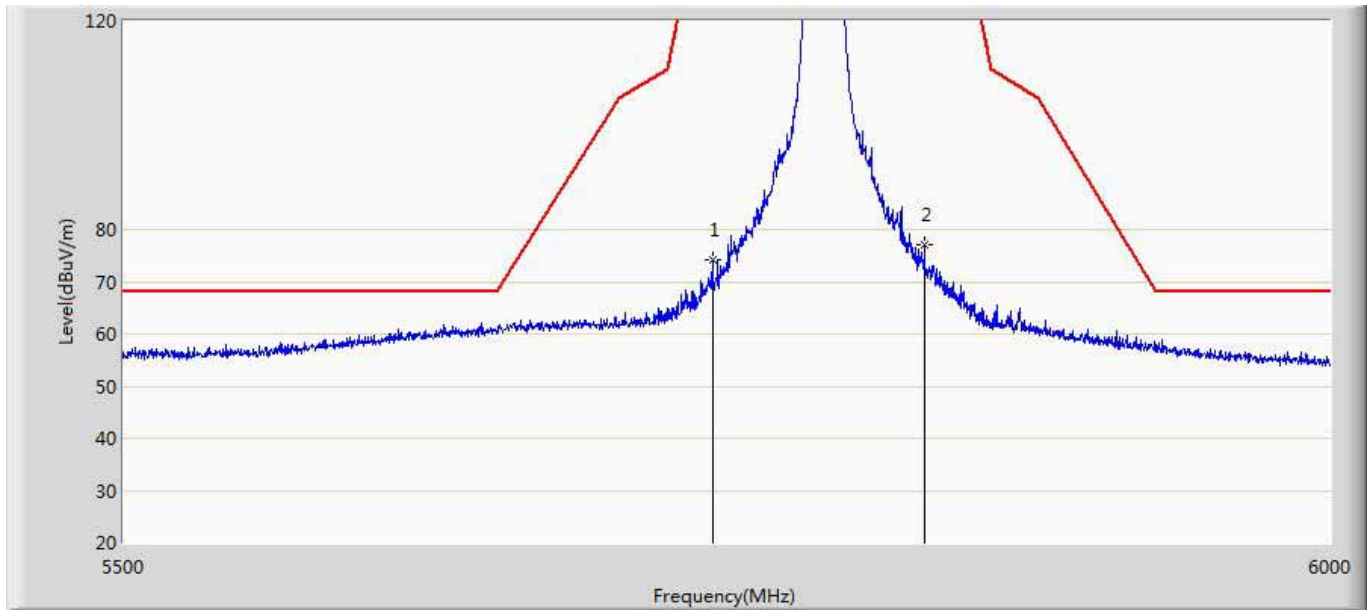
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5677.750	66.492	25.992	-22.243	88.735	40.500	PK
2		5806.500	69.562	28.790	-52.638	122.200	40.772	PK

Site: AC5	Time: 2017/06/14 - 17:29
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 5785MHz by 802.11AC20 with Beamforming	



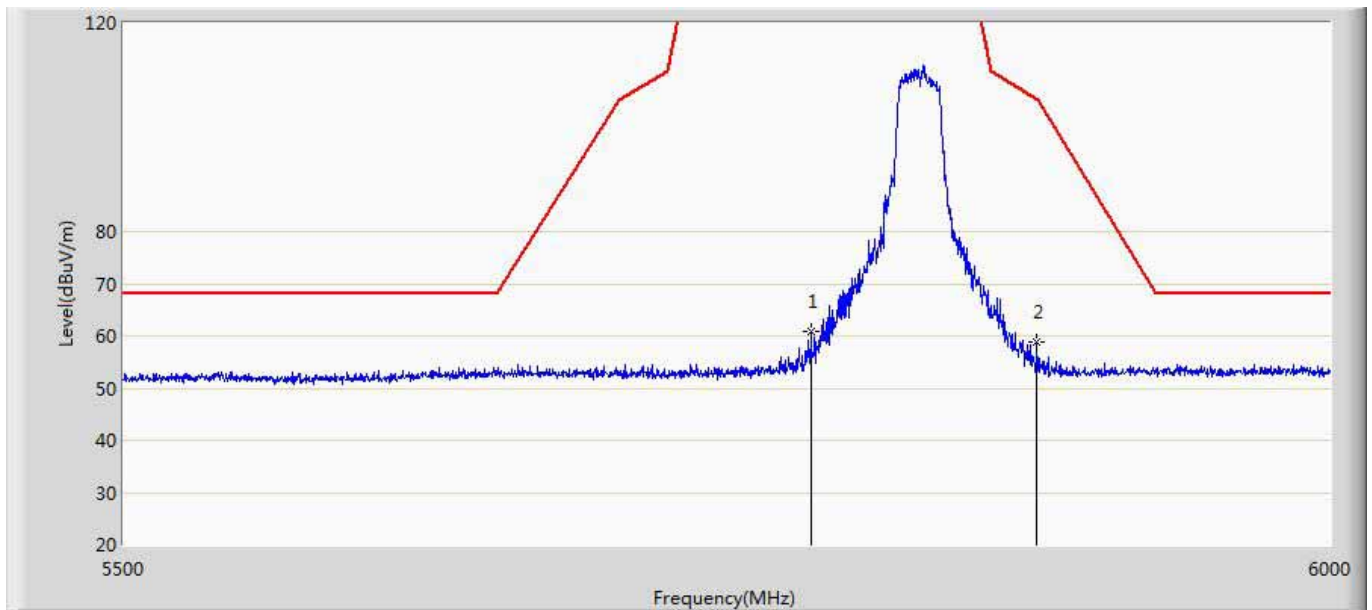
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5745.250	62.660	22.073	-59.540	122.200	40.587	PK
2		5826.250	59.035	18.315	-63.165	122.200	40.720	PK

Site: AC5	Time: 2017/06/14 - 17:31
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 5785MHz by 802.11AC20 with Beamforming	



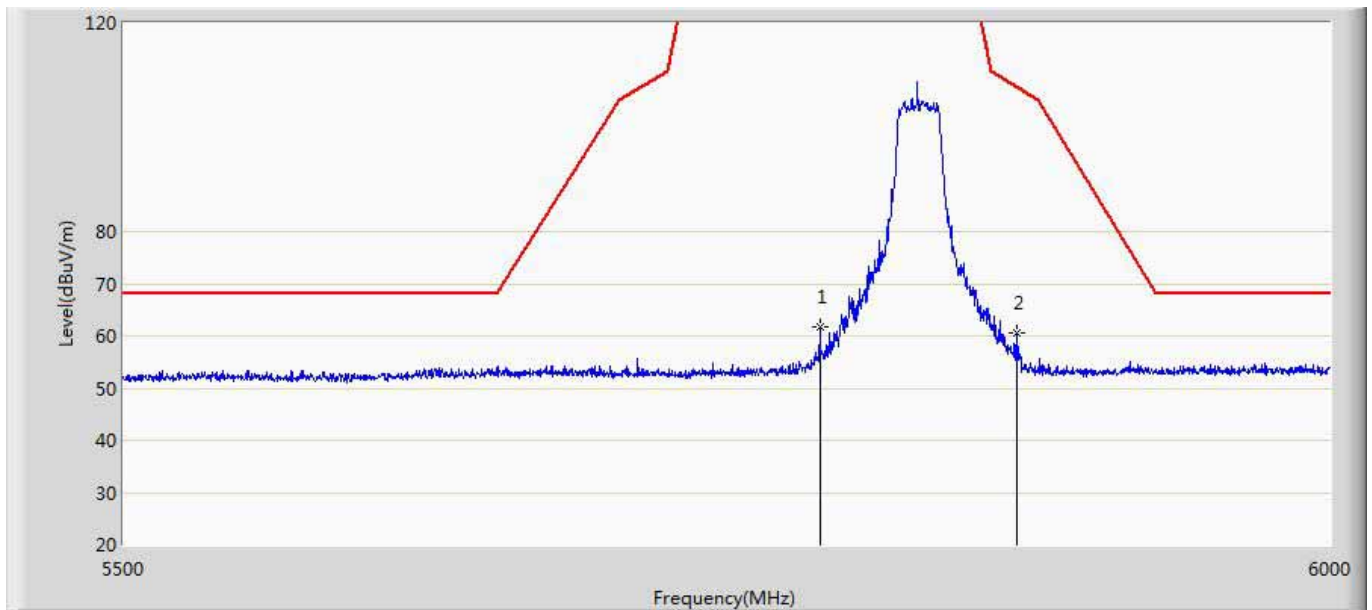
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5738.750	74.160	33.597	-48.040	122.200	40.563	PK
2	*	5827.250	77.028	36.312	-45.172	122.200	40.716	PK

Site: AC5	Time: 2017/06/14 - 17:33
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 5825MHz by 802.11AC20 with Beamforming	



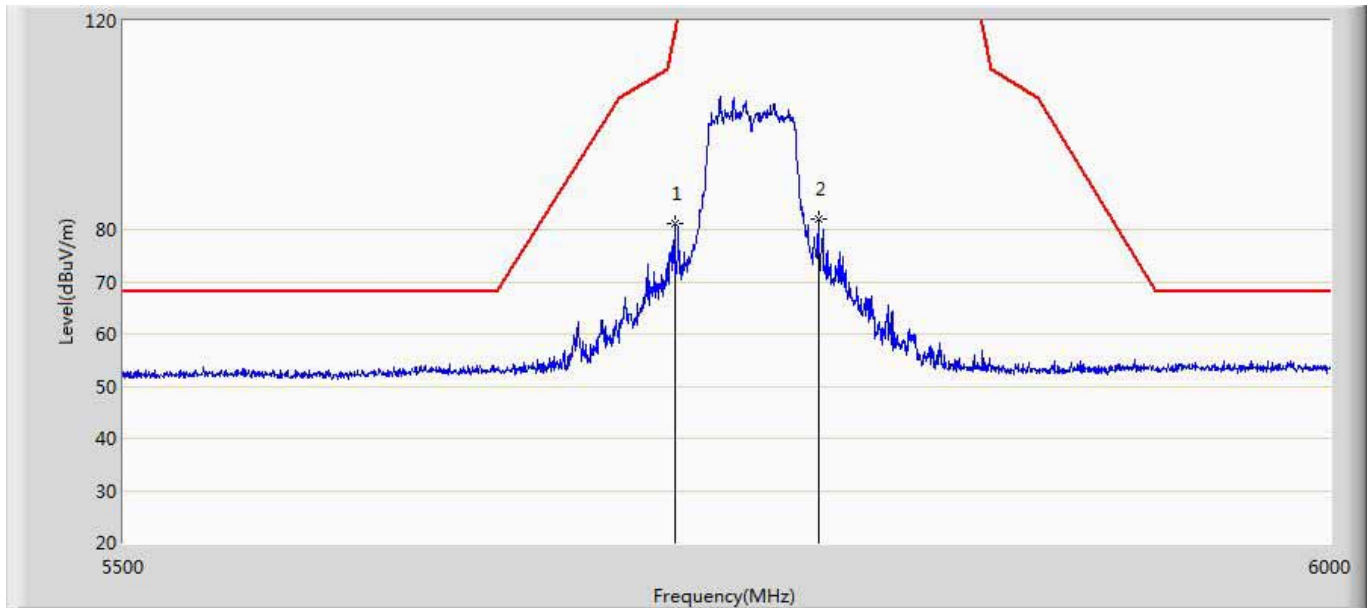
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5779.750	60.820	20.149	-61.380	122.200	40.671	PK
2	*	5874.500	58.868	18.032	-46.472	105.340	40.836	PK

Site: AC5	Time: 2017/06/14 - 17:34
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 9:Transmit at 5825MHz by 802.11AC20 with Beamforming	



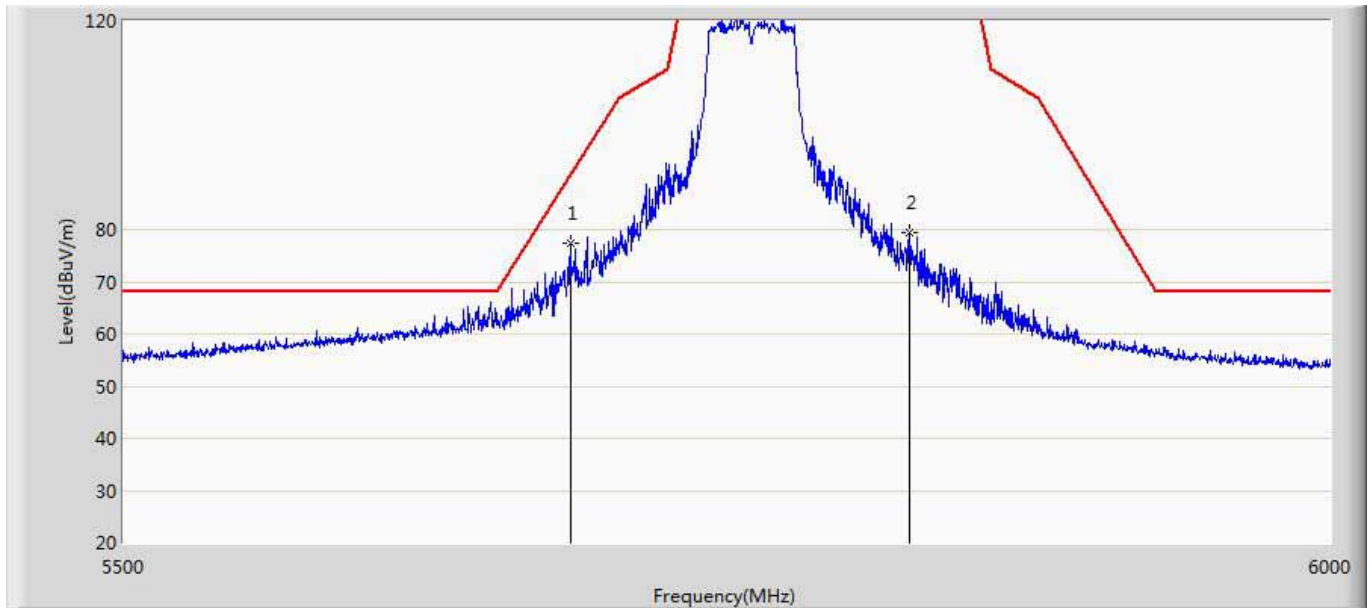
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5783.250	61.786	21.092	-60.414	122.200	40.694	PK
2	*	5866.250	60.602	19.746	-47.048	107.650	40.856	PK

Site: AC5	Time: 2017/06/14 - 17:37
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 10:Transmit at 5755MHz by 802.11AC40 with Beamforming	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5723.250	81.190	40.669	-37.020	118.210	40.521	PK
2		5782.750	82.037	41.346	-40.163	122.200	40.691	PK

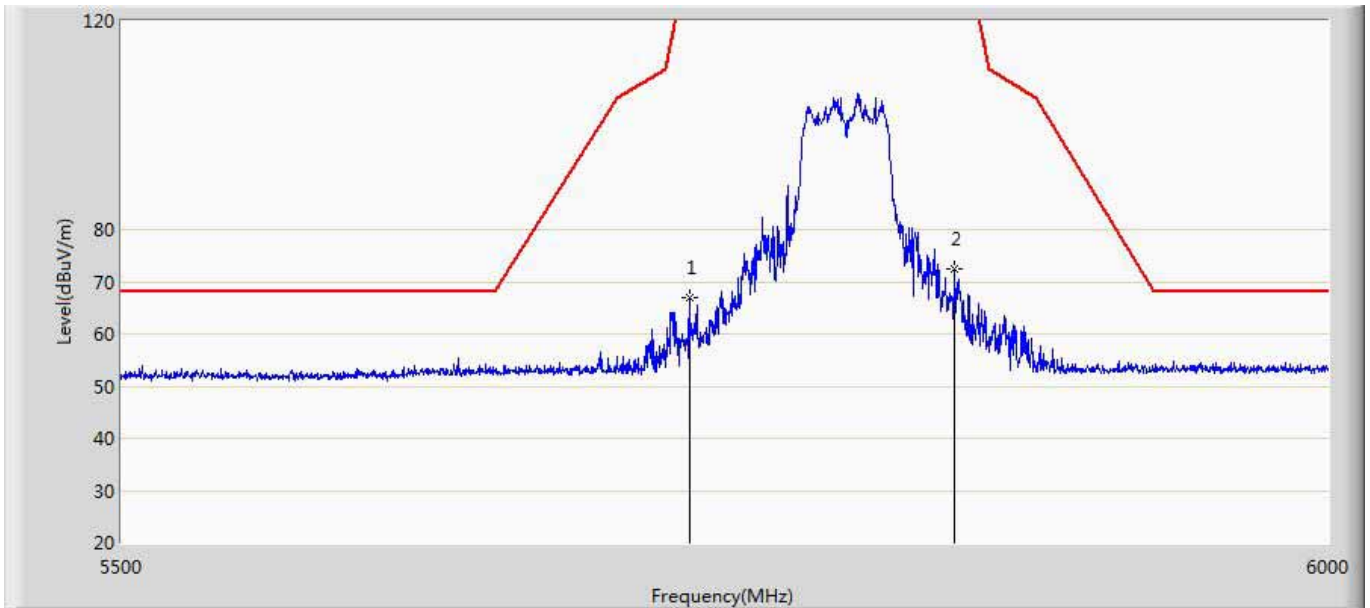
Site: AC5	Time: 2017/06/14 - 17:39
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 10:Transmit at 5755MHz by 802.11AC40 with Beamforming	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5680.250	77.313	36.810	-13.272	90.585	40.503	PK
2		5821.000	79.368	38.630	-42.832	122.200	40.738	PK

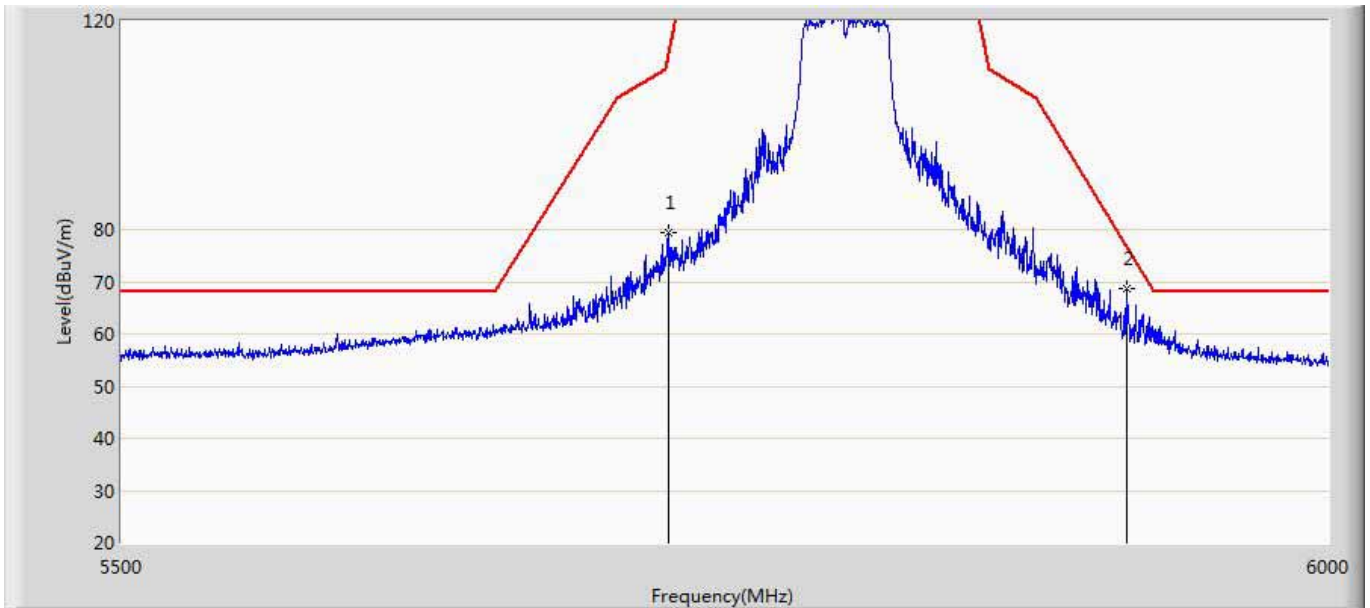


Site: AC5	Time: 2017/06/14 - 17:42
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 10:Transmit at 5795MHz by 802.11AC40 with Beamforming	



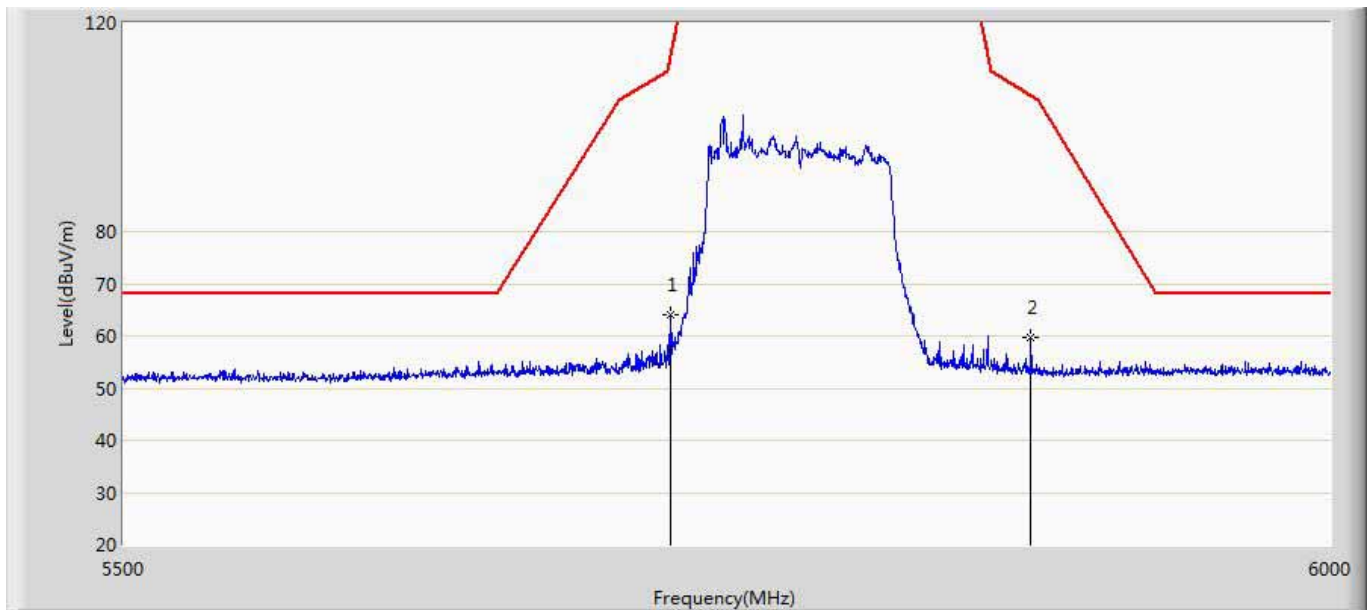
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5730.000	66.822	26.298	-55.378	122.200	40.524	PK
2	*	5840.750	72.457	31.648	-49.743	122.200	40.809	PK

Site: AC5	Time: 2017/06/14 - 17:43
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 10:Transmit at 5795MHz by 802.11AC40 with Beamforming	



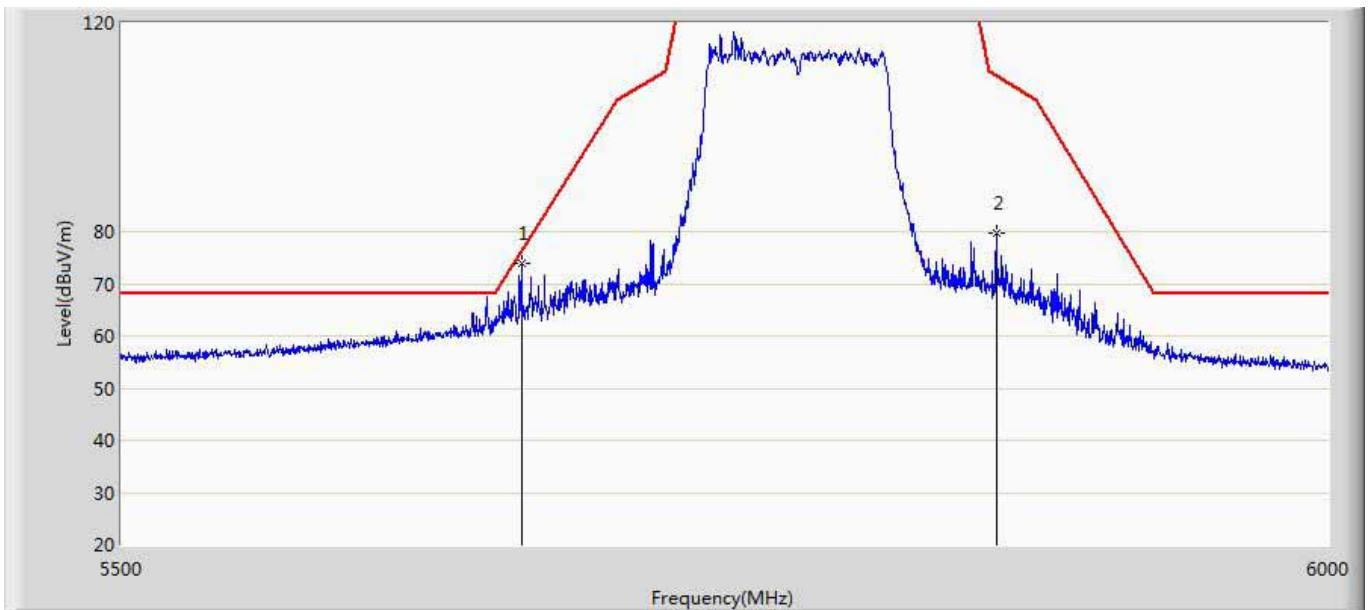
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5721.250	79.561	39.029	-34.089	113.650	40.532	PK
2	*	5913.750	68.639	27.590	-7.886	76.525	41.048	PK

Site: AC5	Time: 2017/06/14 - 17:46
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 11:Transmit at 5775MHz by 802.11AC80 with Beamforming	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5721.250	64.082	23.550	-49.568	113.650	40.532	PK
2	*	5872.000	59.691	18.849	-46.349	106.040	40.842	PK

Site: AC5	Time: 2017/06/14 - 17:47
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 Smart Wi-Fi Router	Power: AC 120V/60Hz
Note: Mode 11:Transmit at 5775MHz by 802.11AC80 with Beamforming	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5661.000	73.856	33.365	-2.484	76.340	40.491	PK
2		5858.250	79.785	38.924	-30.105	109.890	40.862	PK

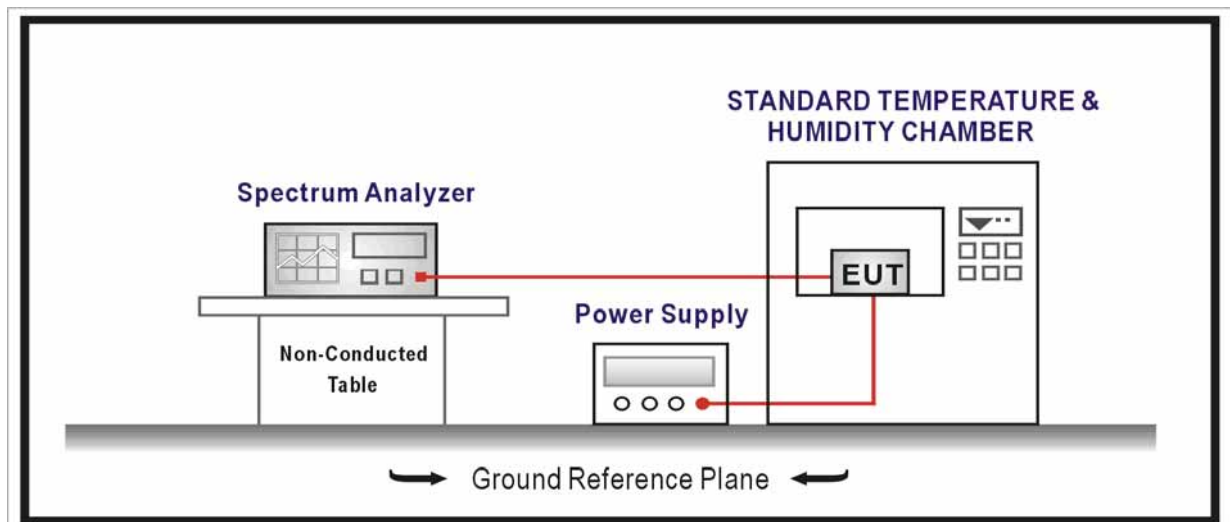
## 10. Frequency Stability

### 10.1. Test Equipment

Frequency Stability / TR-7					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2017.02.04	2018.02.04
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2017.04.09	2018.04.09
MXA Signal Analyzer	Keysight	N9020A	MY56060147	2017.04.09	2018.04.09
AC Power Supply	IDRC	CF-500TP	979422	2016.09.16	2017.09.16
DC Power Supply	IDRC	CD-035-020PR	977272	2016.09.16	2017.09.16
Programmable Temperature & Humidity Chamber	Gaoyu	TH-1P-B	WIT-05121302	2017.01.04	2018.01.03
Temperature/Humidity Meter	zhichen	ZC1-2	TR7-TH	2017.04.10	2018.04.10

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

### 10.2. Test Setup



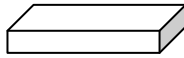
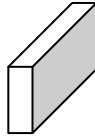
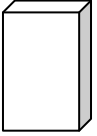
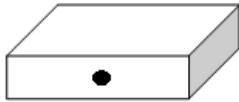


### 10.3. Limit

Frequency Stability Limit	
UNII Devices	
<input checked="" type="checkbox"/>	In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.
IEEE Std. 802.11n-2009	
<input checked="" type="checkbox"/>	The transmitter center frequency tolerance shall be $\pm 20$ ppm maximum for the 5 GHz band and $\pm 25$ ppm maximum for the 2.4 GHz band.

### 10.4. Test Procedure

Frequency Stability Test Method			
	References Rule	Chapter	Description
<input checked="" type="checkbox"/>	ANSI C63.10	6.8	Frequency stability tests
	<input checked="" type="checkbox"/> ANSI C63.10	6.8.1	Frequency stability with respect to ambient temperature
	<input checked="" type="checkbox"/> ANSI C63.10	6.8.2	Frequency stability when varying supply voltage

**10.5. EUT test Axis definition**

Item	Frequency Stability			
Device Category	<input type="checkbox"/>	Outdoor AP		
	<input checked="" type="checkbox"/>	Indoor AP		
	<input type="checkbox"/>	Fixed point-to-point AP		
	<input type="checkbox"/>	Outdoor fixed point-to-multipoint AP		
	<input type="checkbox"/>	Client		
Test mode	Mode 1-11			
Test method	<input type="checkbox"/>	Radiated		
		X Axis	Y Axis	Z Axis
				
		Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>
	<input checked="" type="checkbox"/>	Conducted		
	<input type="checkbox"/>	Chain 1		
				
	<input type="checkbox"/>	Chain 1	Chain 2	
				
	<input checked="" type="checkbox"/>	Chain 1	Chain 2	Chain 3
				



## 10.6. Test Result

Product Name	: AC1900 Smart Wi-Fi Router	Power	: AC 120V/60Hz
Test Site	: TR7	Test Date	: 2017.05.12
Test Mode	: Mode 1~11		

### Frequency Stability under Temperature

Temperature Interval ( )	Test Frequency (MHz)	Deviation (Hz)	Deviation (ppm)
-30	5180.000	-96	-0.0185
-20	5180.000	-89	-0.0172
-10	5180.000	108	0.0208
0	5180.000	101	0.0195
10	5180.000	-125	-0.0241
20	5180.000	121	0.0234
30	5180.000	-111	-0.0214
40	5180.000	-152	-0.0293
50	5180.000	116	0.0224
-30	5785.000	-86	-0.0149
-20	5785.000	-98	-0.0169
-10	5785.000	256	0.0443
0	5785.000	182	0.0315
10	5785.000	162	0.0280
20	5785.000	118	0.0204
30	5785.000	156	0.0270
40	5785.000	121	0.0209
50	5785.000	126	0.0218

### Frequency Stability under Voltage

AC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Deviation (ppm)
93.5	5180.000	101	0.0195
110	5180.000	121	0.0234
126.5	5180.000	112	0.0216
93.5	5785.000	119	0.0206
110	5785.000	115	0.0199
126.5	5785.000	-156	-0.0270

## 11. Antenna Requirement

### 11.1. Limit

Antenna Requirement Limit	
<p>An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, §15.213, §15.217, §15.219, or §15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.</p>	

### 11.2. Antenna Connector Construction

Antenna Connector Construction	
<input type="checkbox"/>	The use of a permanently attached antenna
<input type="checkbox"/>	The antenna use of a unique coupling to the intentional radiator
<input checked="" type="checkbox"/>	The use of a nonstandard antenna jack or electrical connector
Please refer to the attached document "Internal Photograph" to show the antenna connector.	

\_\_\_\_\_ The End \_\_\_\_\_