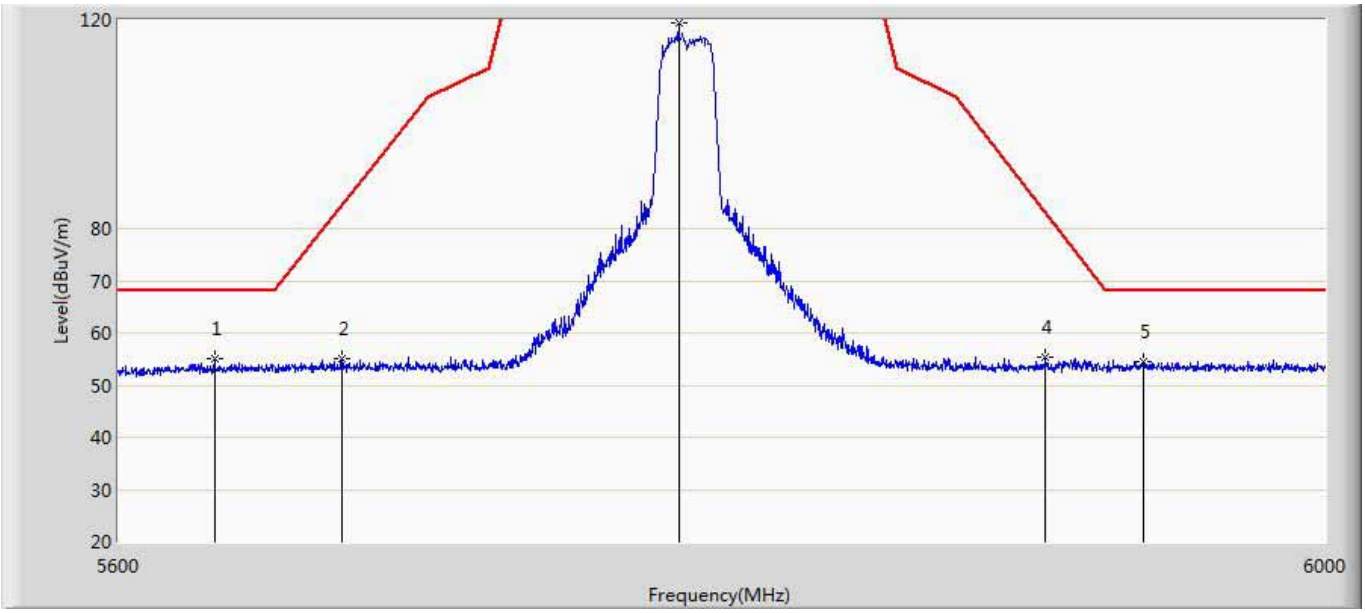
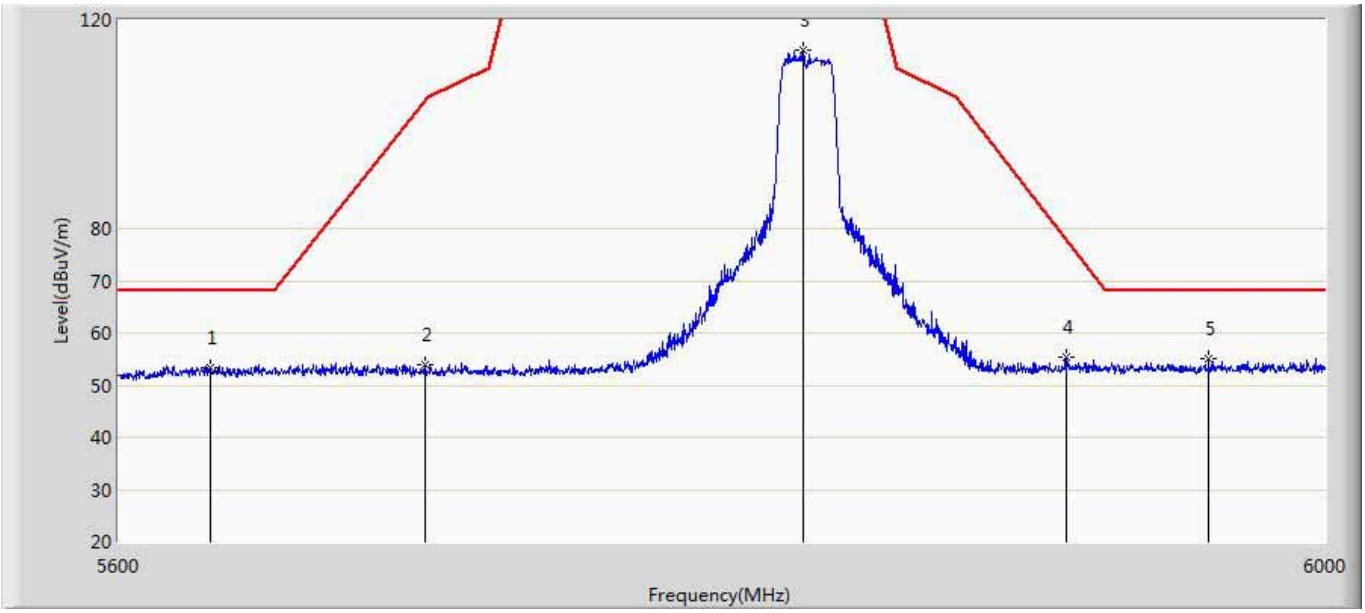
Site: AC5	Time: 2016/12/22 - 20:46
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode 7:Transmit at channel 5785MHz by 11AC20 with Beamforming	



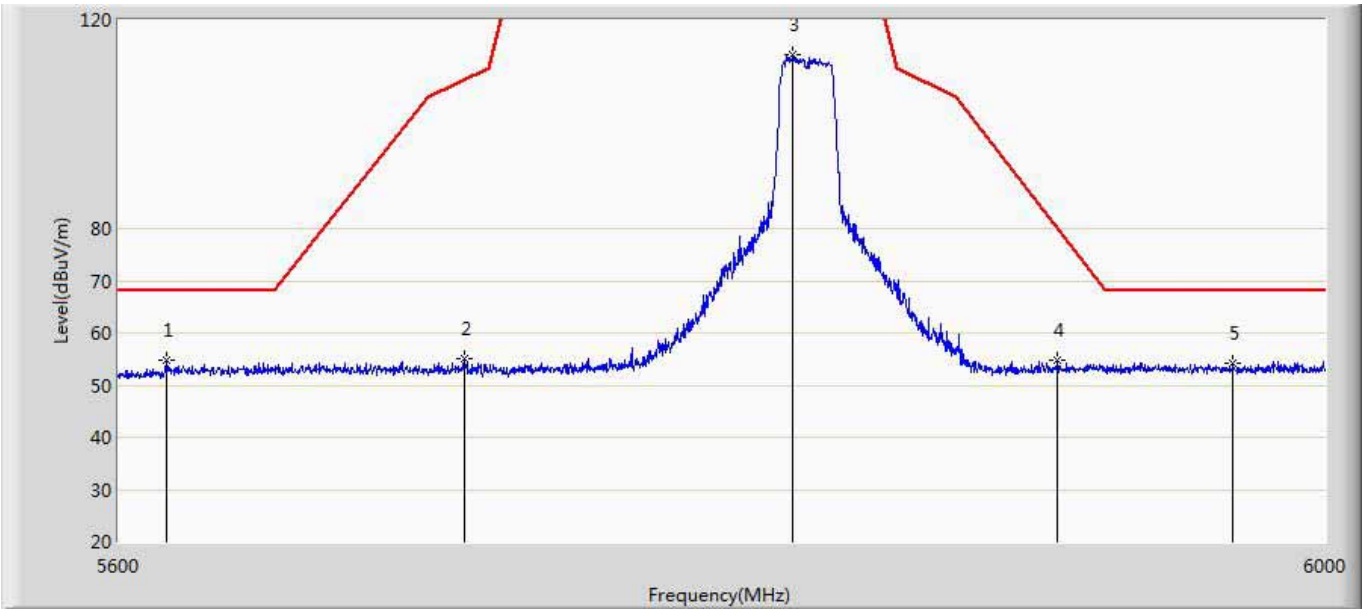
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5631.000	55.171	14.697	-13.029	68.200	40.474	PK
2		5672.200	55.054	14.559	-29.574	84.628	40.495	PK
3	*	5782.400	119.334	78.645	-2.866	122.200	40.689	PK
4		5905.000	55.365	14.413	-27.635	83.000	40.953	PK
5		5938.000	54.597	13.634	-13.603	68.200	40.963	PK

Site: AC5	Time: 2016/12/22 - 20:48
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode 7:Transmit at channel 5825MHz by 11AC20 with Beamforming	



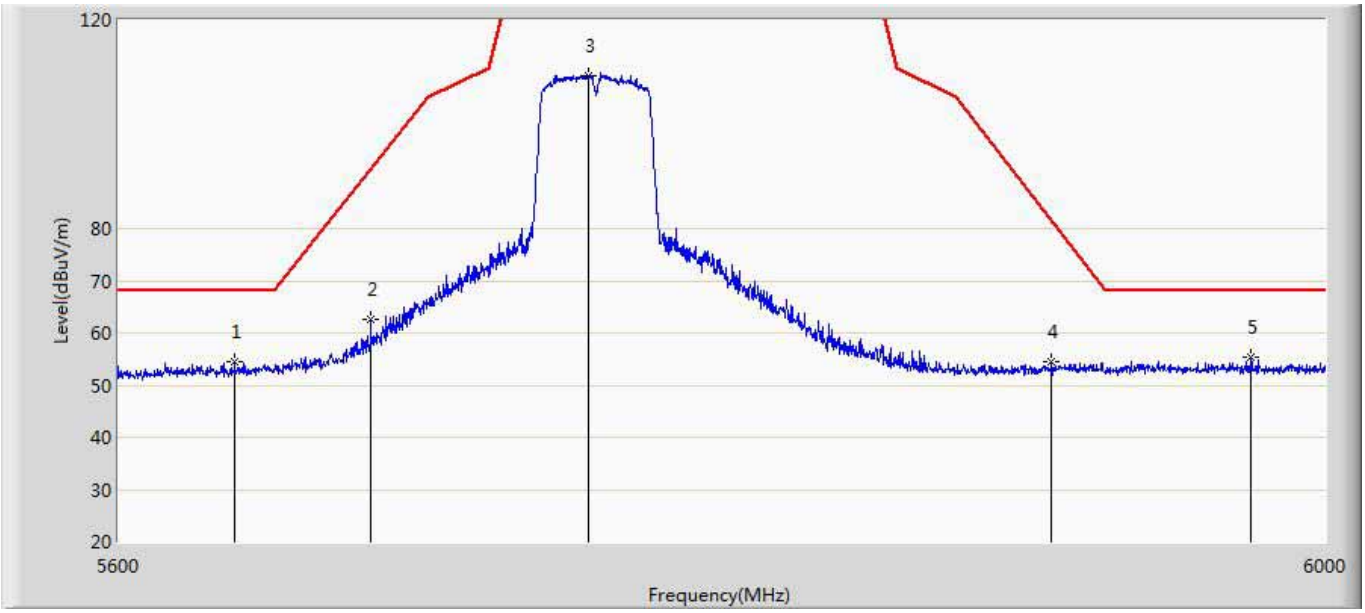
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5629.400	53.407	12.913	-14.793	68.200	40.494	PK
2		5699.000	54.008	13.455	-50.452	104.460	40.553	PK
3	*	5823.600	114.134	73.405	-8.066	122.200	40.729	PK
4		5911.800	55.332	14.292	-22.636	77.968	41.040	PK
5		5960.200	54.960	13.944	-13.240	68.200	41.017	PK

Site: AC5	Time: 2016/12/22 - 20:49
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode 7:Transmit at channel 5825MHz by 11AC20 with Beamforming	



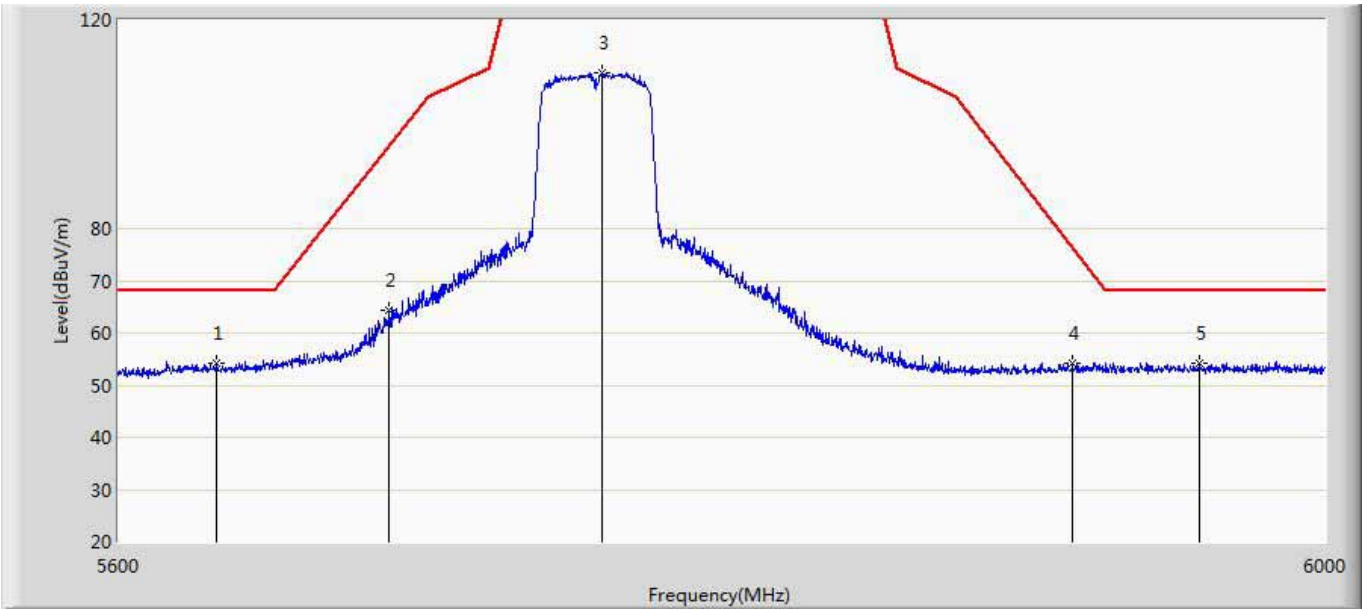
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5615.400	54.738	14.314	-13.462	68.200	40.424	PK
2		5711.800	54.994	14.410	-53.510	108.504	40.584	PK
3	*	5820.400	113.319	72.578	-8.881	122.200	40.740	PK
4		5909.000	54.911	13.907	-25.129	80.040	41.004	PK
5		5968.600	54.113	13.097	-14.087	68.200	41.016	PK

Site: AC5	Time: 2016/12/22 - 20:50
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode 8:Transmit at channel 5755MHz by 11AC40 with Beamforming	



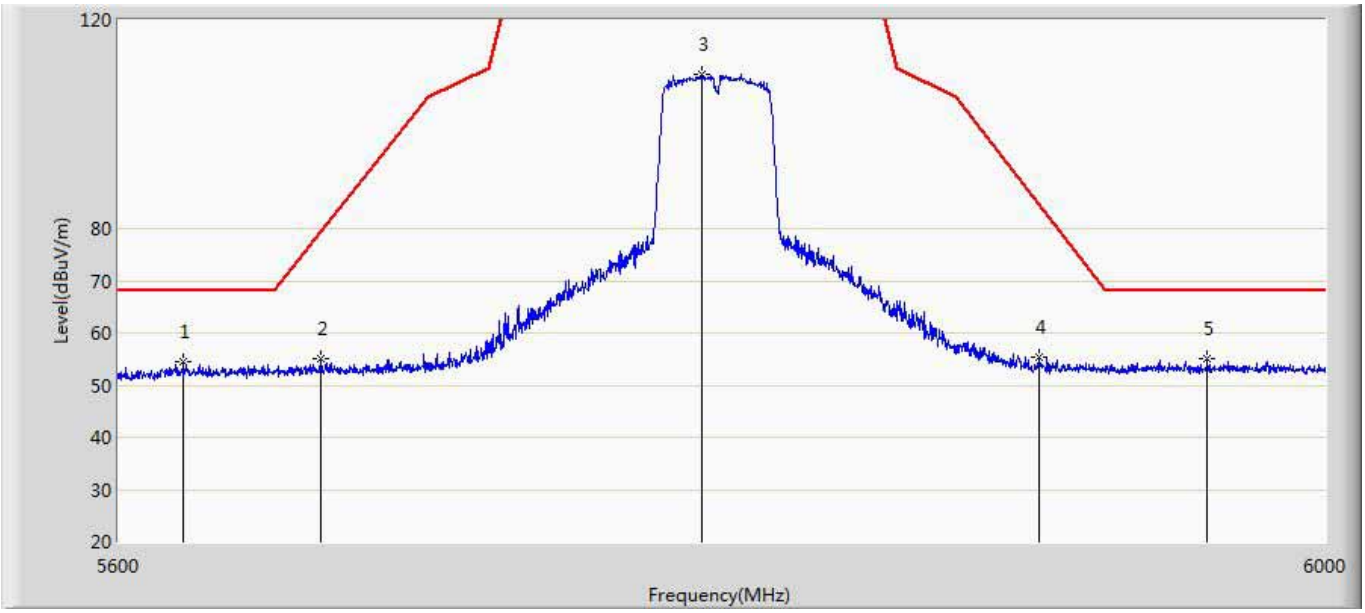
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5637.400	54.383	13.989	-13.817	68.200	40.394	PK
2		5681.400	62.628	22.123	-28.808	91.436	40.505	PK
3	*	5752.400	109.320	68.717	-12.880	122.200	40.603	PK
4		5907.000	54.573	13.595	-26.947	81.520	40.979	PK
5		5974.800	55.233	14.205	-12.967	68.200	41.028	PK

Site: AC5	Time: 2016/12/22 - 20:52
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode 8:Transmit at channel 5755MHz by 11AC40 with Beamforming	



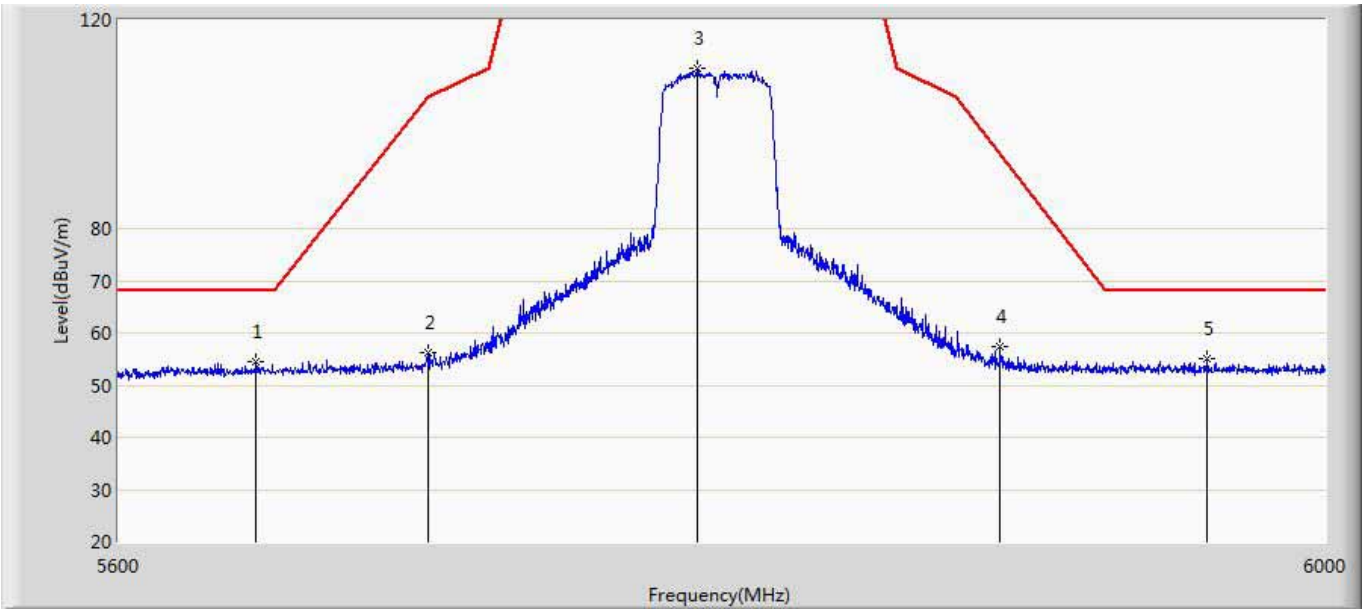
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5631.400	54.329	13.860	-13.871	68.200	40.469	PK
2		5687.400	64.411	23.897	-31.465	95.876	40.514	PK
3	*	5757.200	109.958	69.344	-12.242	122.200	40.614	PK
4		5914.000	54.092	13.046	-22.248	76.340	41.046	PK
5		5957.200	54.130	13.107	-14.070	68.200	41.023	PK

Site: AC5	Time: 2016/12/22 - 20:53
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode 8:Transmit at channel 5795MHz by 11AC40 with Beamforming	



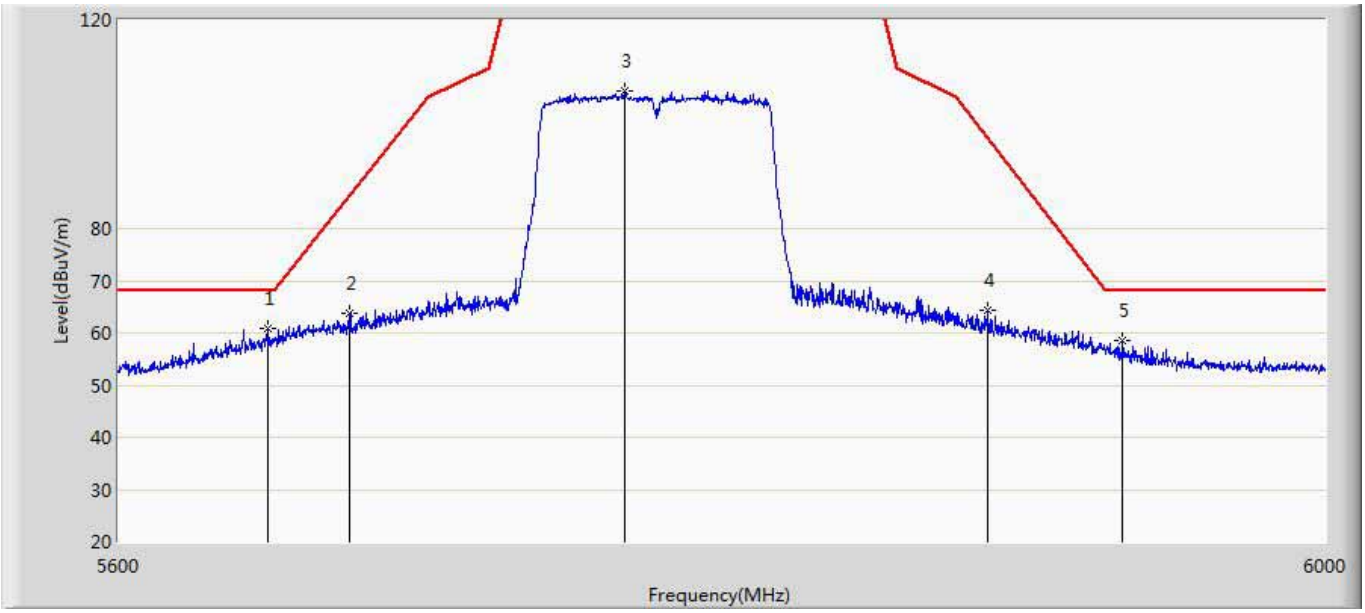
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5621.000	54.535	14.021	-13.665	68.200	40.514	PK
2		5665.200	55.000	14.507	-24.448	79.448	40.492	PK
3	*	5790.200	109.580	68.839	-12.620	122.200	40.741	PK
4		5902.600	55.472	14.551	-29.304	84.776	40.921	PK
5		5959.800	55.050	14.033	-13.150	68.200	41.017	PK

Site: AC5	Time: 2016/12/22 - 20:55
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode 8:Transmit at channel 5795MHz by 11AC40 with Beamforming	



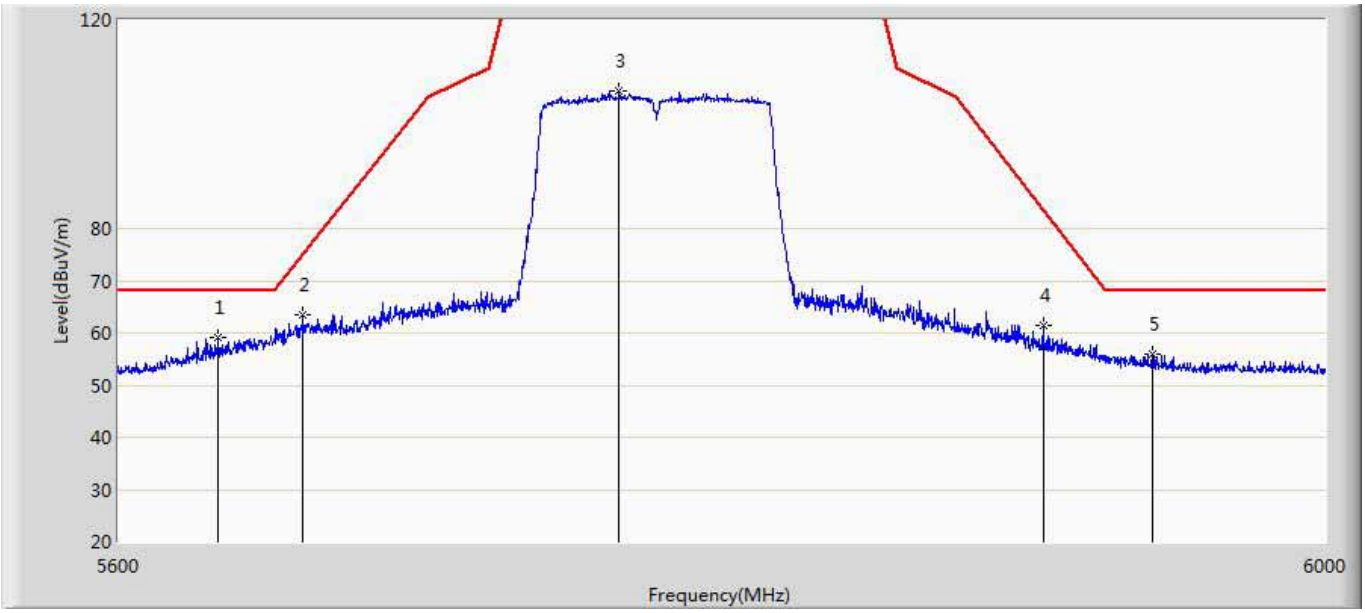
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5644.200	54.549	14.173	-13.651	68.200	40.376	PK
2		5700.000	56.095	15.537	-49.105	105.200	40.557	PK
3	*	5788.400	110.678	69.949	-11.522	122.200	40.729	PK
4		5889.600	57.347	16.515	-37.049	94.396	40.831	PK
5		5959.800	55.013	13.996	-13.187	68.200	41.017	PK

Site: AC5	Time: 2016/12/22 - 20:57
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode 9:Transmit at channel 5775MHz by 11AC80 with Beamforming	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5648.000	60.902	20.495	-7.298	68.200	40.408	PK
2		5674.400	63.822	23.327	-22.434	86.256	40.495	PK
3		5764.600	106.376	65.747	-15.824	122.200	40.629	PK
4		5885.400	64.279	23.450	-33.225	97.504	40.829	PK
5		5931.000	58.494	17.596	-9.706	68.200	40.898	PK

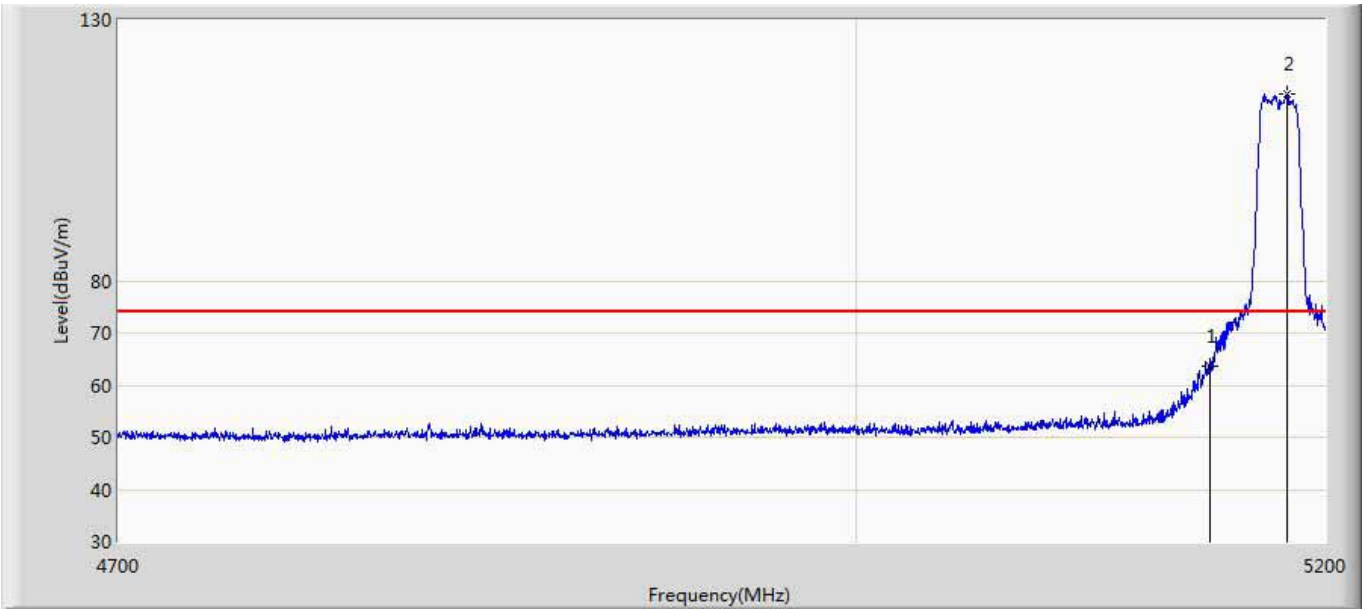
Site: AC5	Time: 2016/12/22 - 20:59
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode 9:Transmit at channel 5775MHz by 11AC80 with Beamforming	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5632.200	58.989	18.530	-9.211	68.200	40.459	PK
2		5659.600	63.461	22.970	-11.843	75.304	40.491	PK
3		5762.800	106.340	65.714	-15.860	122.200	40.626	PK
4		5904.200	61.571	20.629	-22.021	83.592	40.942	PK
5		5941.400	55.983	14.988	-12.217	68.200	40.994	PK

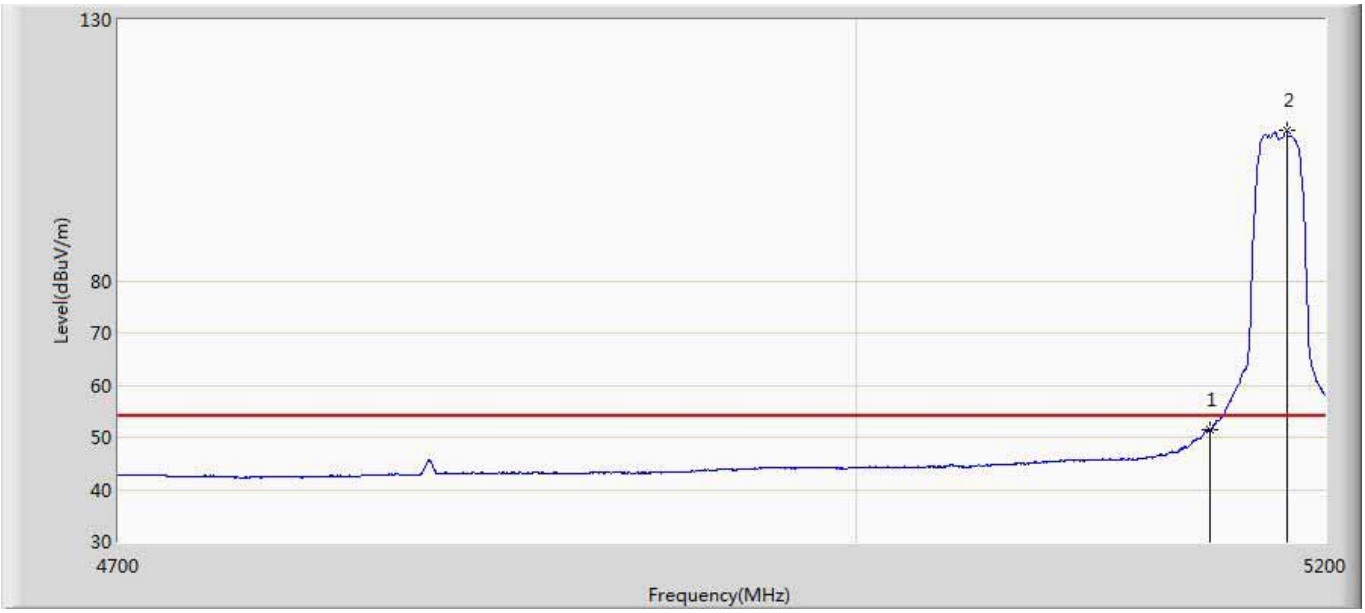
APEX0367:

Site: AC5	Time: 2016/12/02 - 11:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode1:Transmit at CH5180 by 802.11a	



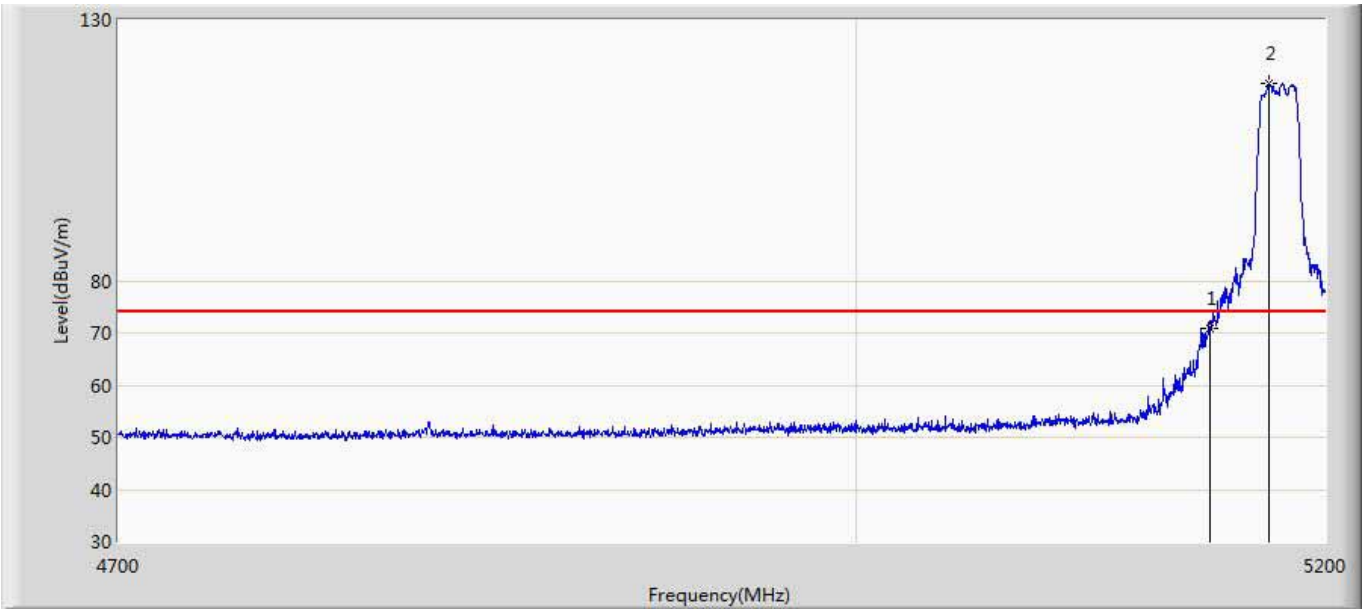
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	63.715	23.661	-10.285	74.000	40.054	PK
2	*	5183.750	115.852	75.729	41.852	74.000	40.124	PK

Site: AC5	Time: 2016/12/02 - 13:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode1:Transmit at CH5180 by 802.11a	



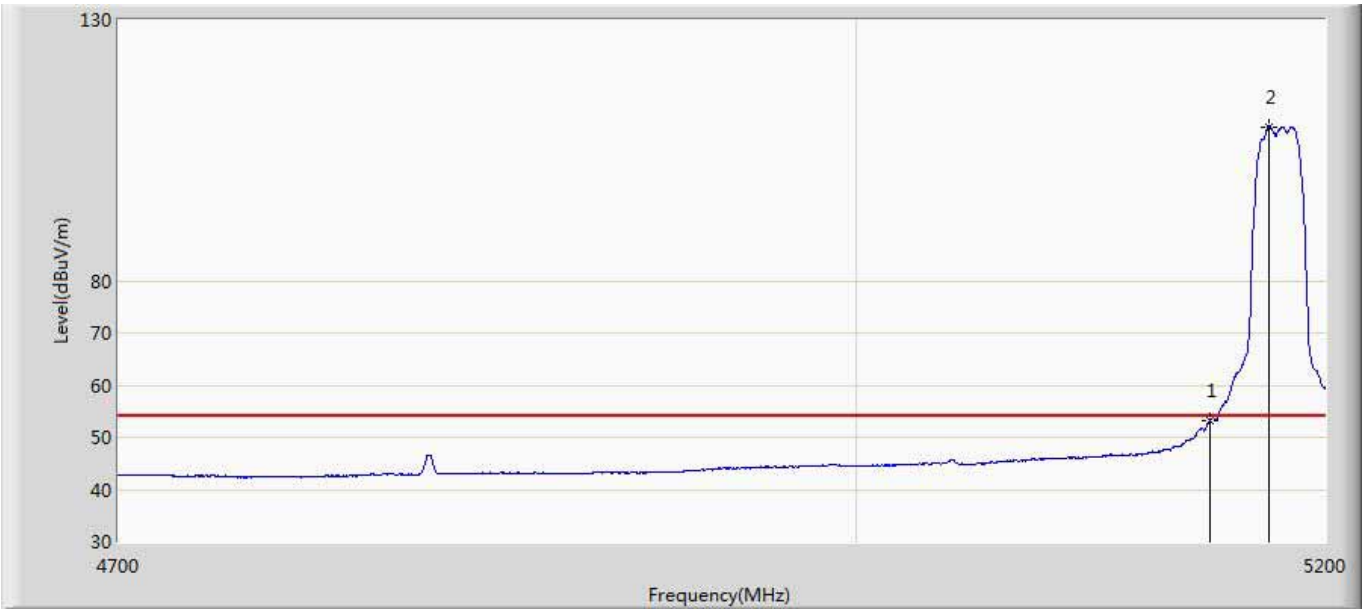
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	51.480	11.426	-2.520	54.000	40.054	AV
2	*	5183.250	108.858	68.735	54.858	54.000	40.123	AV

Site: AC5	Time: 2016/12/02 - 13:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode1:Transmit at CH5180 by 802.11a	



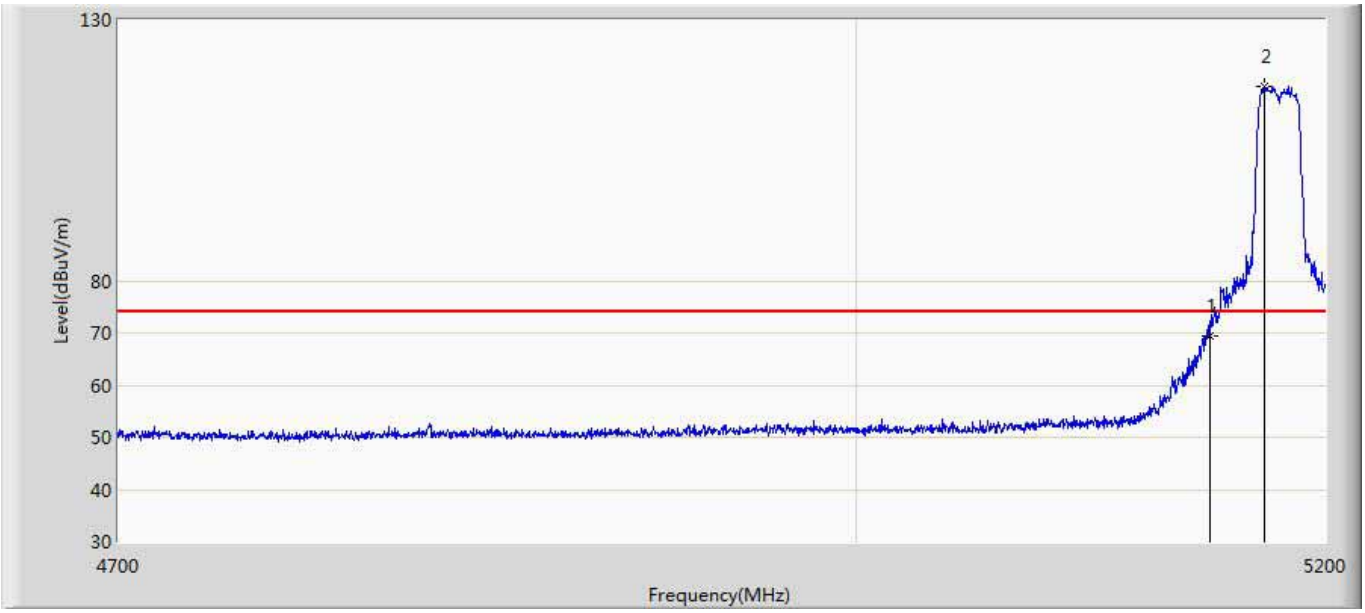
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	71.006	30.952	-2.994	74.000	40.054	PK
2	*	5176.000	117.784	77.671	43.784	74.000	40.113	PK

Site: AC5	Time: 2016/12/02 - 13:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode1:Transmit at CH5180 by 802.11a	



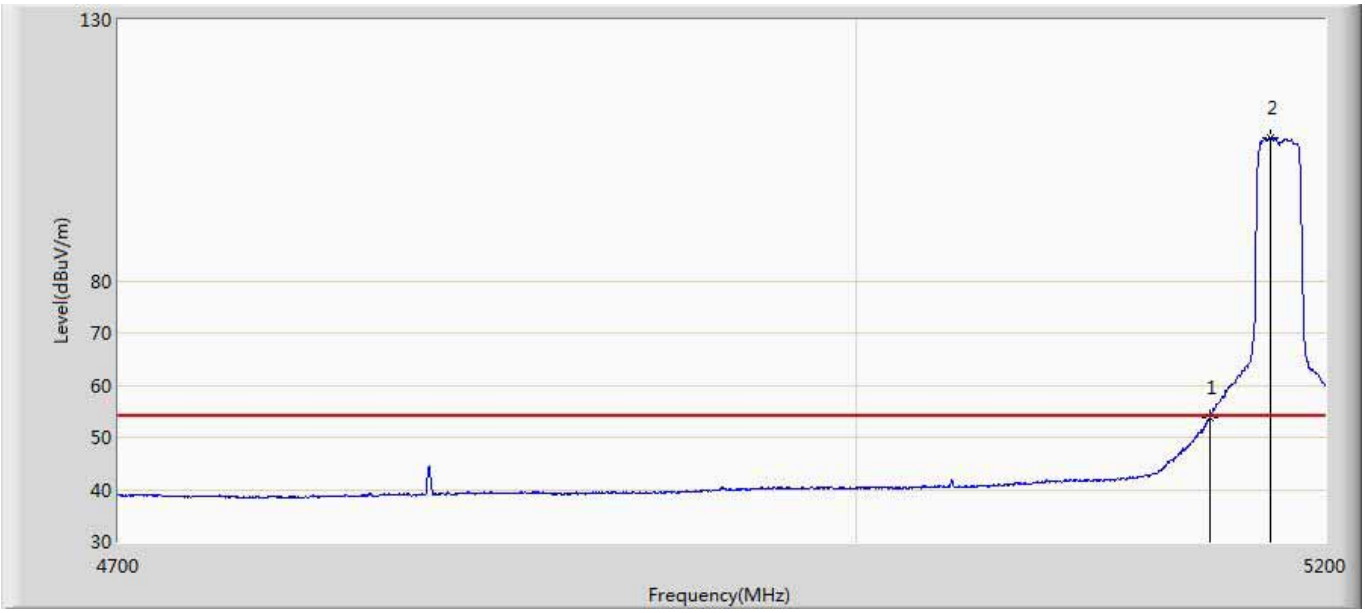
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.199	13.145	-0.801	54.000	40.054	AV
2	*	5176.000	109.518	69.405	55.518	54.000	40.113	AV

Site: AC5	Time: 2016/12/02 - 13:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode2:Transmit at CH5180 by 802.11n20	



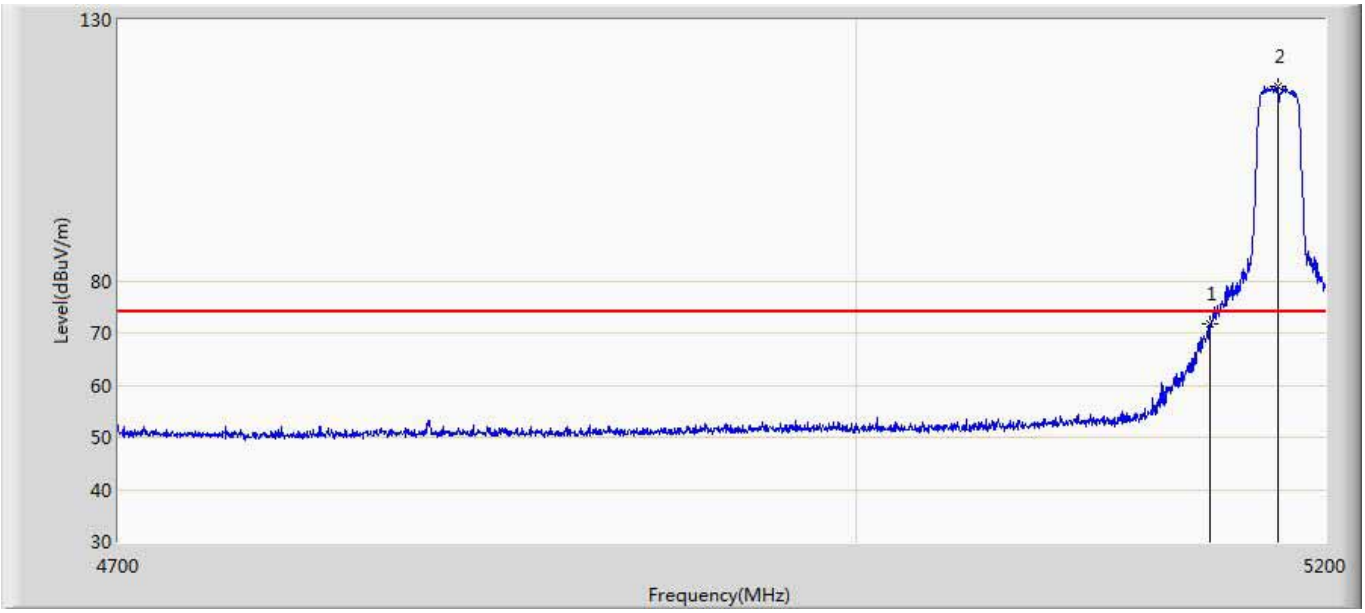
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	69.512	29.458	-4.488	74.000	40.054	PK
2	*	5173.500	117.203	77.094	43.203	74.000	40.110	PK

Site: AC5	Time: 2016/12/02 - 13:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode2:Transmit at CH5180 by 802.11n20	



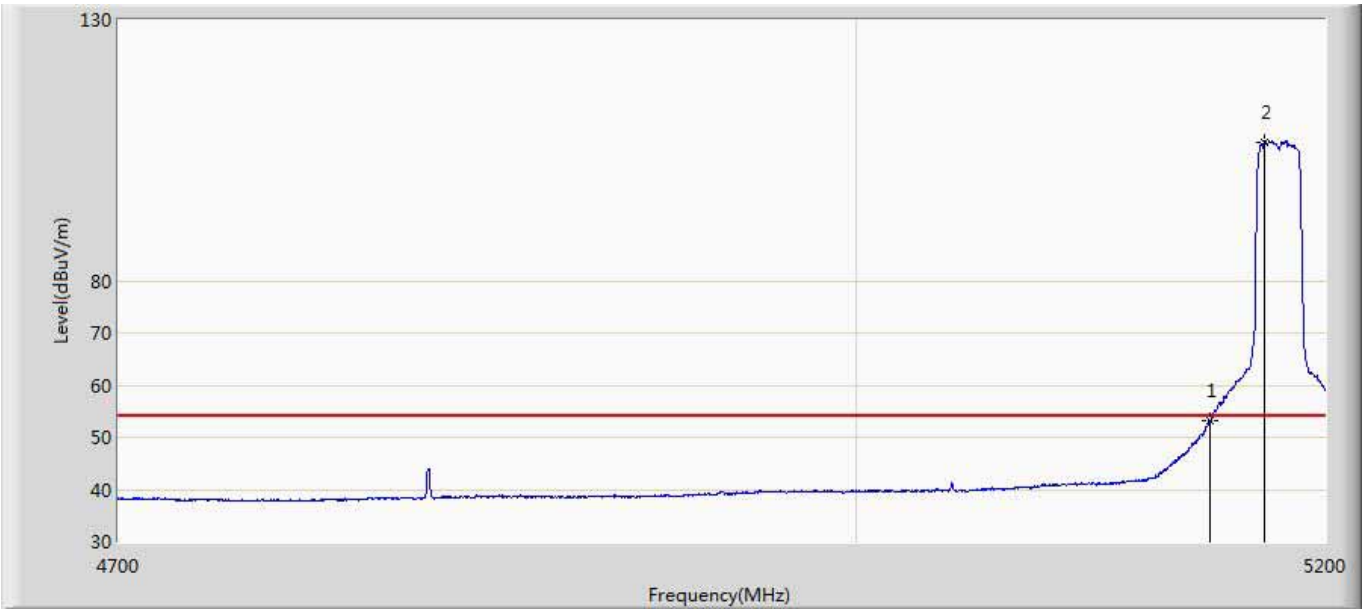
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.651	13.597	-0.349	54.000	40.054	AV
2	*	5176.500	107.489	67.375	53.489	54.000	40.114	AV

Site: AC5	Time: 2016/12/02 - 13:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode2:Transmit at CH5180 by 802.11n20	



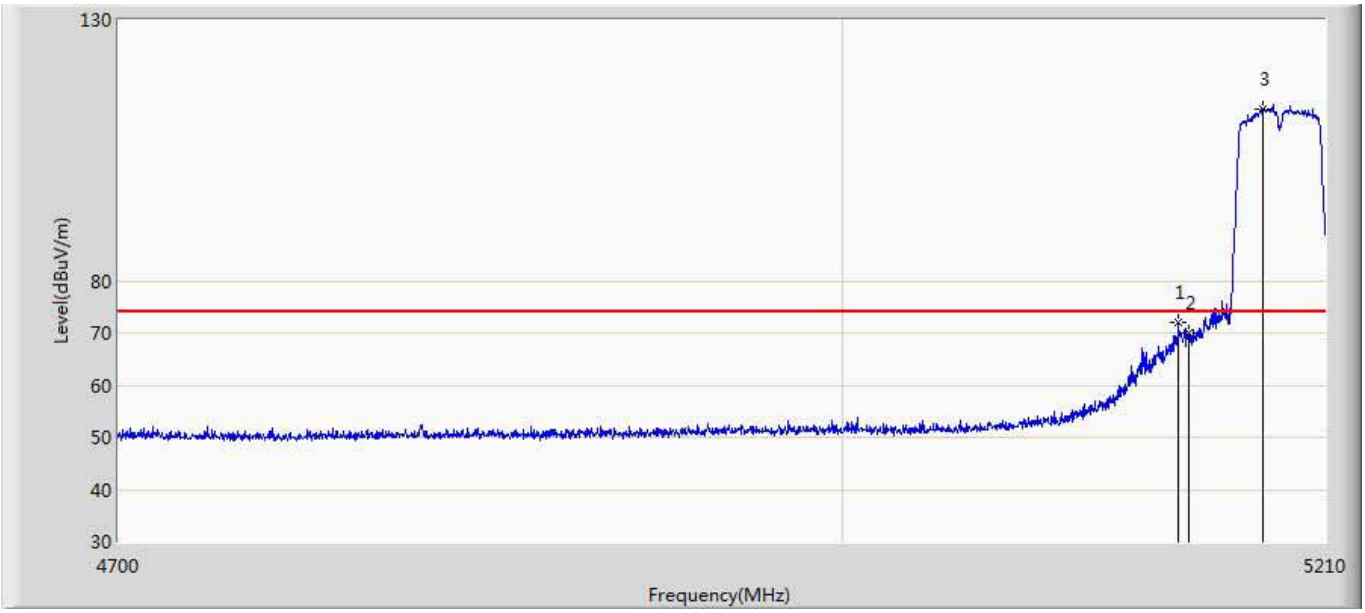
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	71.683	31.629	-2.317	74.000	40.054	PK
2	*	5179.500	117.241	77.123	43.241	74.000	40.119	PK

Site: AC5	Time: 2016/12/02 - 13:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode2:Transmit at CH5180 by 802.11n20	



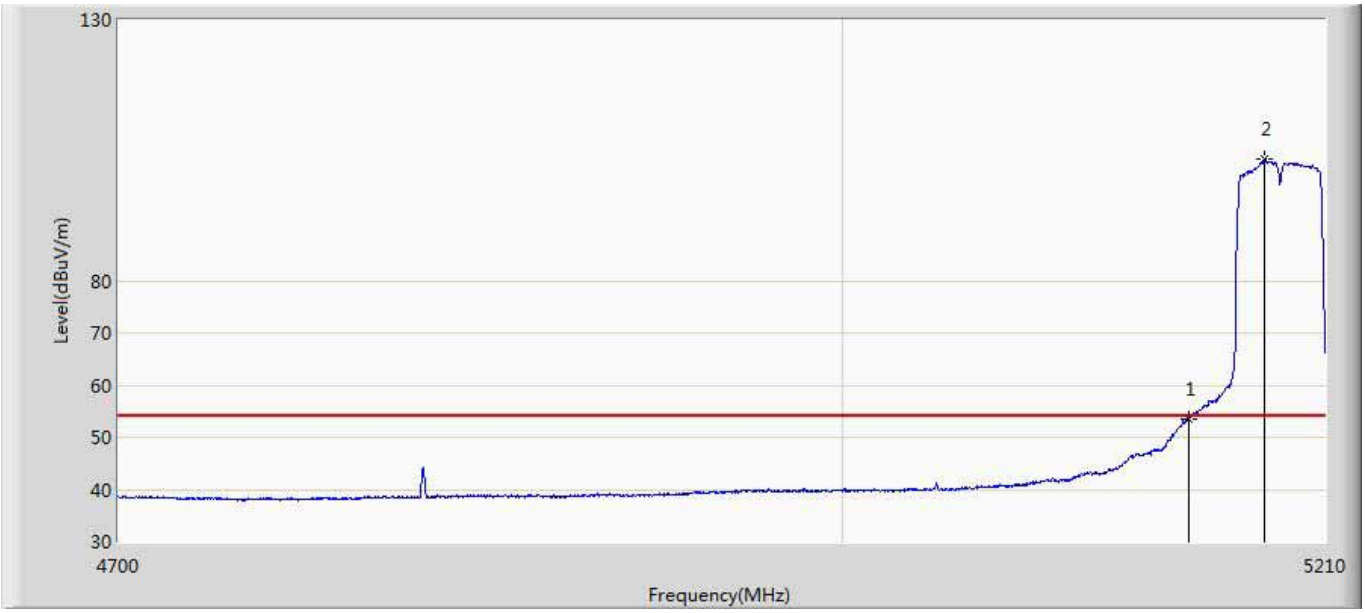
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.176	13.122	-0.824	54.000	40.054	AV
2	*	5173.500	106.570	66.461	52.570	54.000	40.110	AV

Site: AC5	Time: 2016/12/02 - 13:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode3:Transmit at CH5190 by 802.11n40	



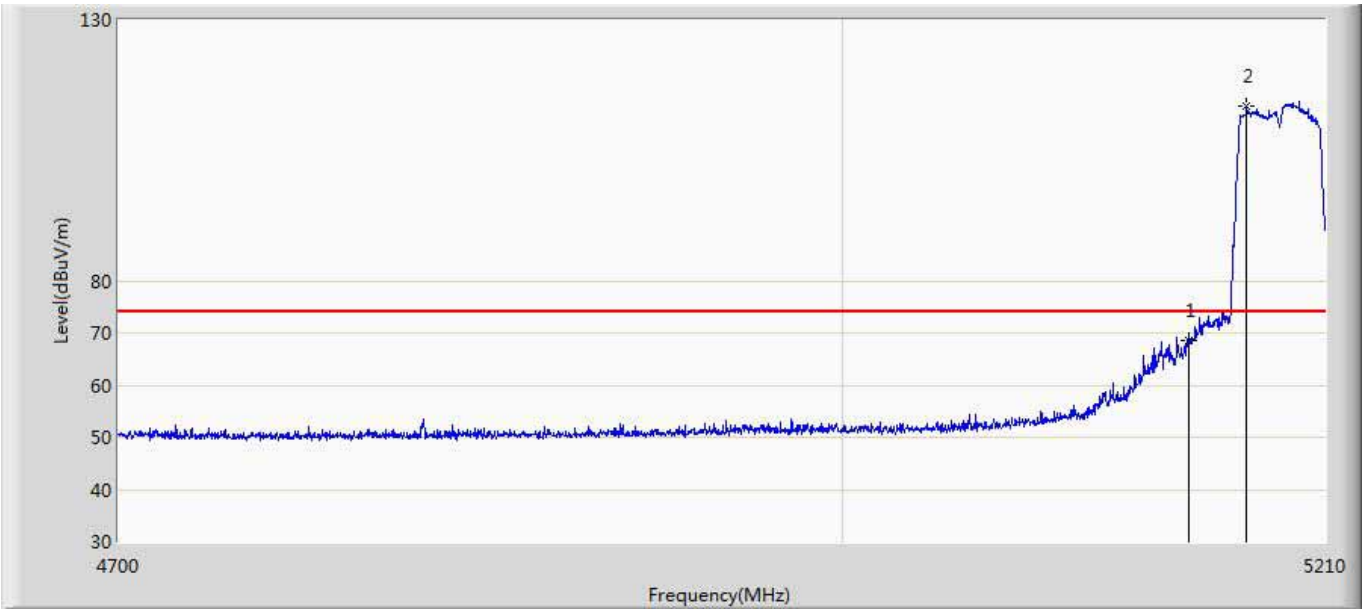
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5145.230	72.009	31.950	-1.991	74.000	40.059	PK
2		5150.000	70.032	29.978	-3.968	74.000	40.054	PK
3	*	5182.205	112.814	72.692	38.814	74.000	40.122	PK

Site: AC5	Time: 2016/12/02 - 13:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode3:Transmit at CH5190 by 802.11n40	



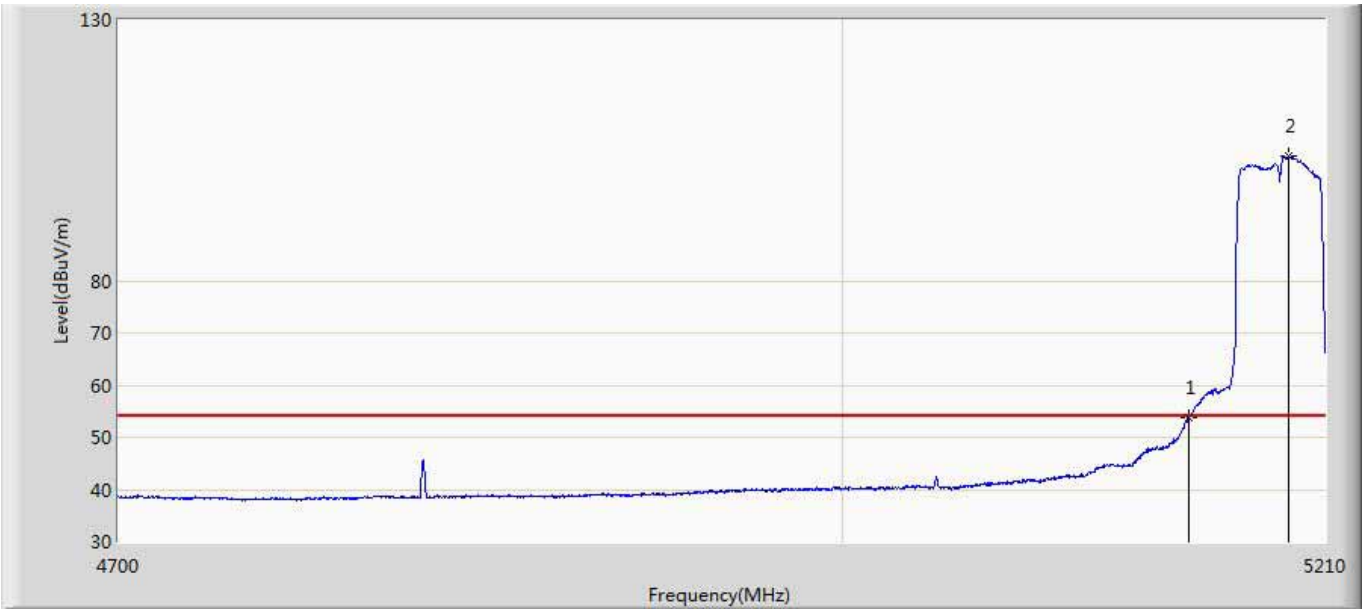
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.546	13.492	-0.454	54.000	40.054	AV
2	*	5183.480	103.303	63.180	49.303	54.000	40.123	AV

Site: AC5	Time: 2016/12/02 - 14:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode3:Transmit at CH5190 by 802.11n40	



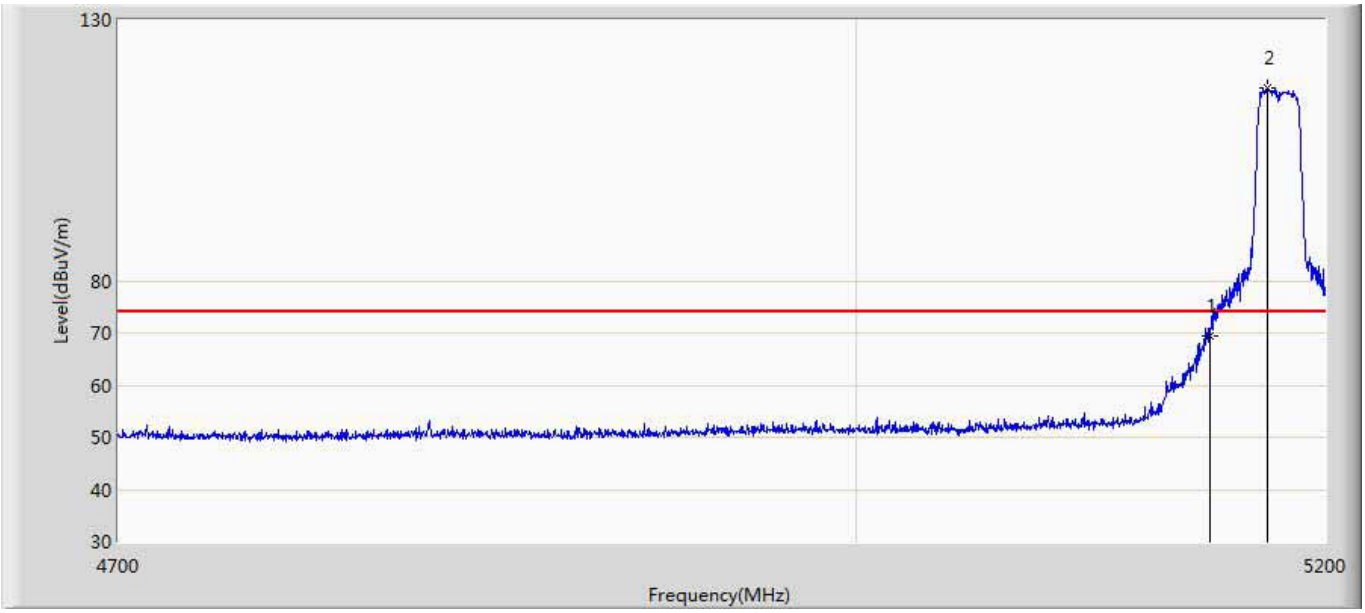
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	68.669	28.615	-5.331	74.000	40.054	PK
2	*	5175.320	113.564	73.452	39.564	74.000	40.111	PK

Site: AC5	Time: 2016/12/02 - 14:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode3:Transmit at CH5190 by 802.11n40	



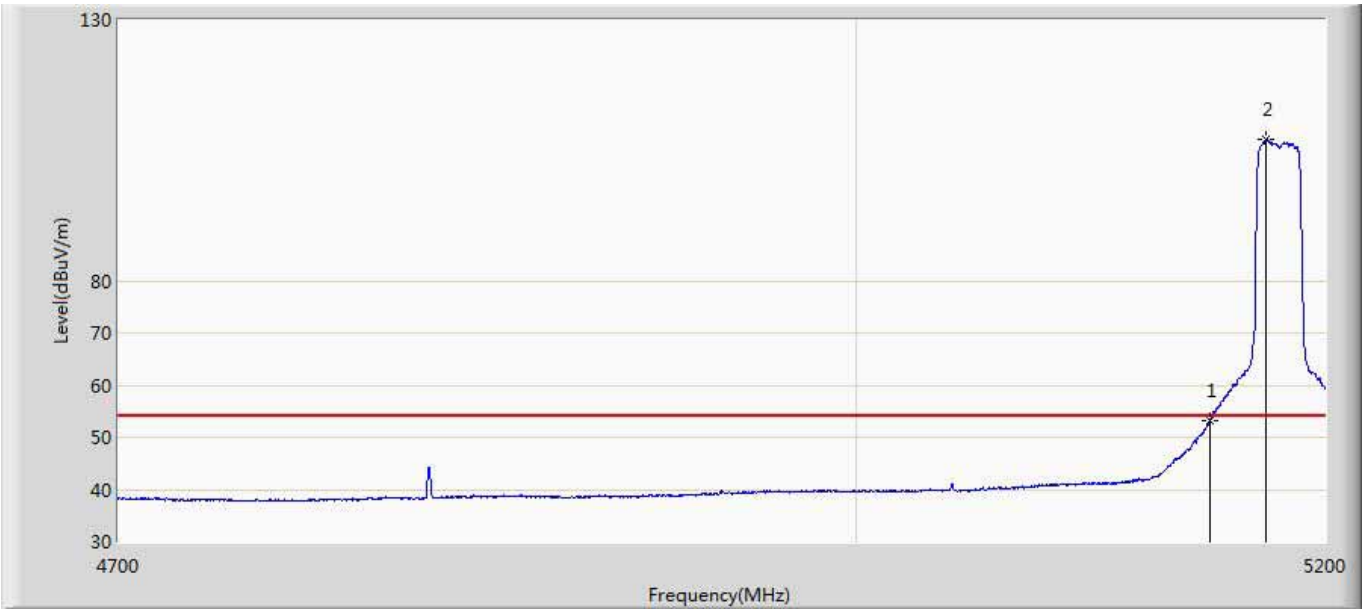
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.849	13.795	-0.151	54.000	40.054	AV
2	*	5193.680	103.811	63.680	49.811	54.000	40.131	AV

Site: AC5	Time: 2016/12/02 - 14:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode4:Transmit at CH5180 by 802.11ac20	



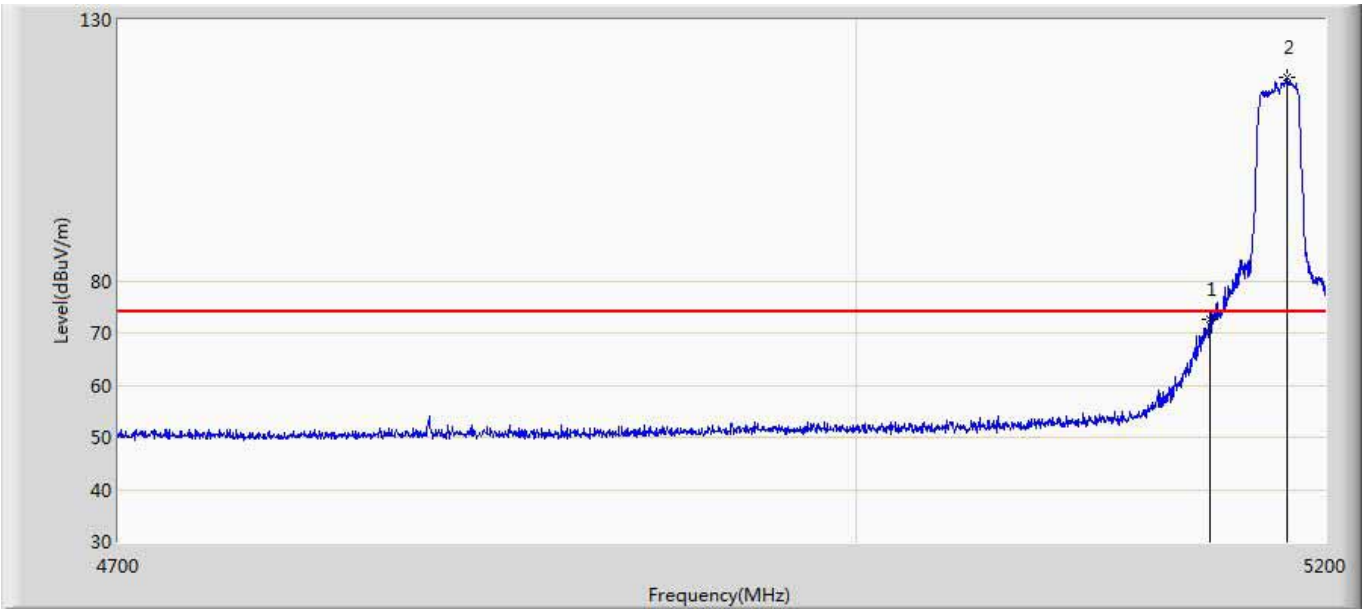
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	69.305	29.251	-4.695	74.000	40.054	PK
2	*	5174.750	116.994	76.883	42.994	74.000	40.111	PK

Site: AC5	Time: 2016/12/02 - 14:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode4:Transmit at CH5180 by 802.11ac20	



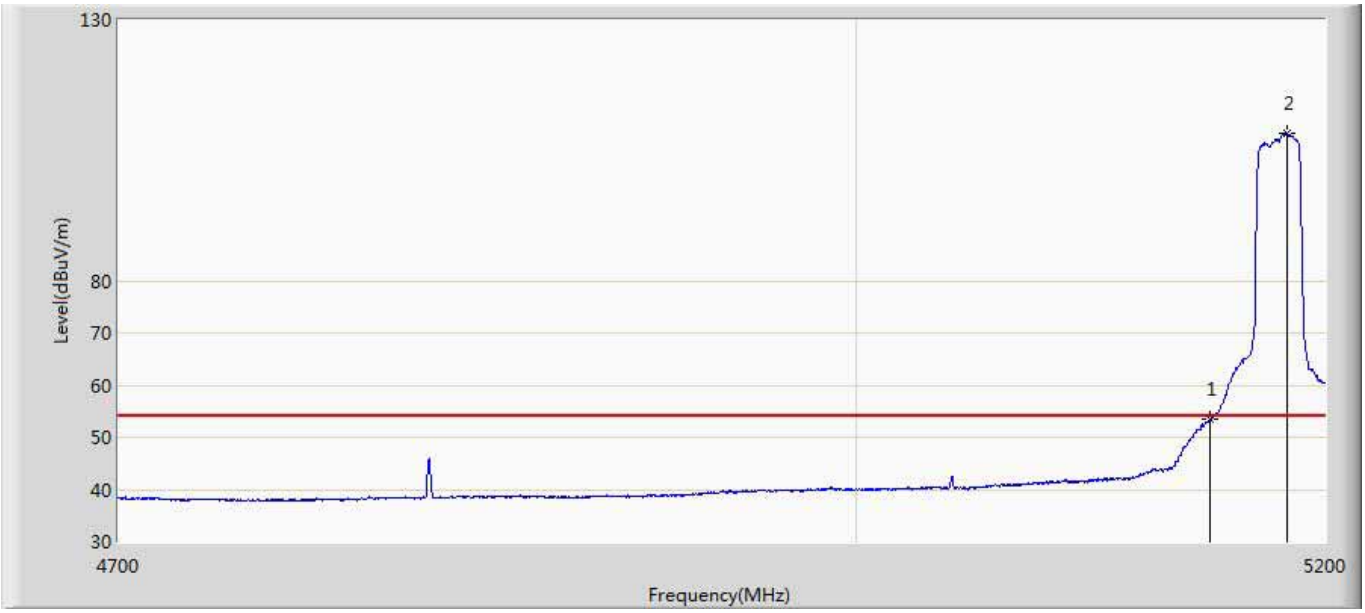
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.249	13.195	-0.751	54.000	40.054	AV
2	*	5174.500	107.015	66.904	53.015	54.000	40.111	AV

Site: AC5	Time: 2016/12/02 - 14:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode4:Transmit at CH5180 by 802.11ac20	



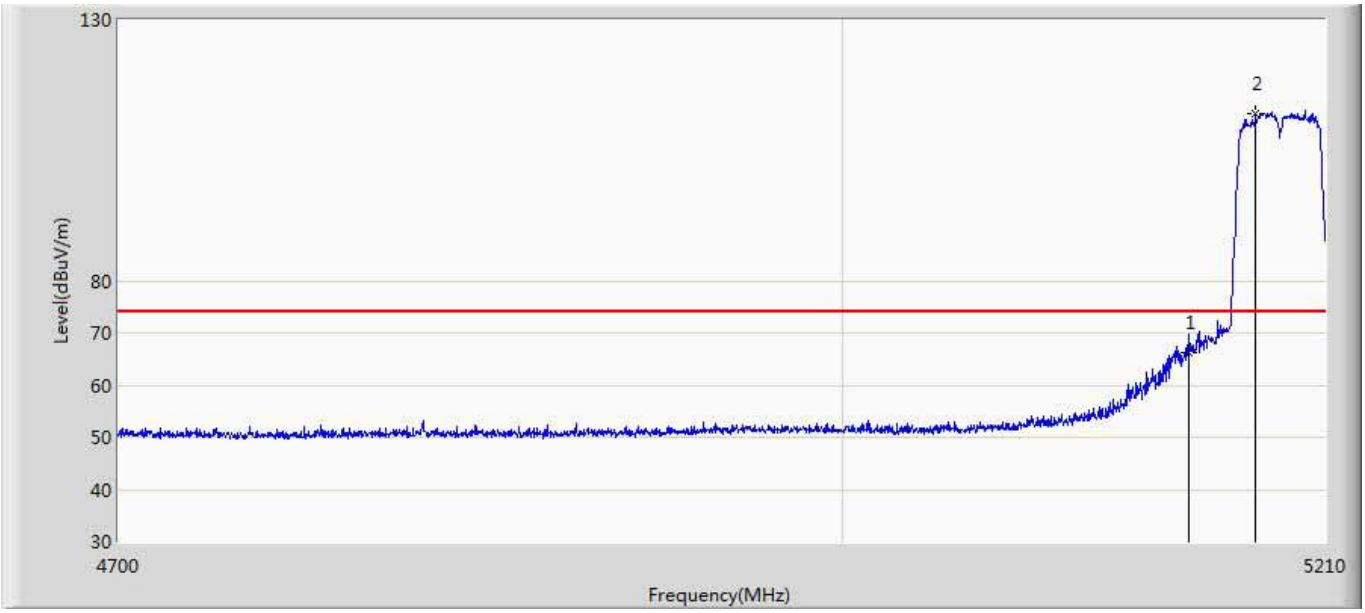
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	72.682	32.628	-1.318	74.000	40.054	PK
2	*	5183.750	118.925	78.802	44.925	74.000	40.124	PK

Site: AC5	Time: 2016/12/02 - 14:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode4:Transmit at CH5180 by 802.11ac20	



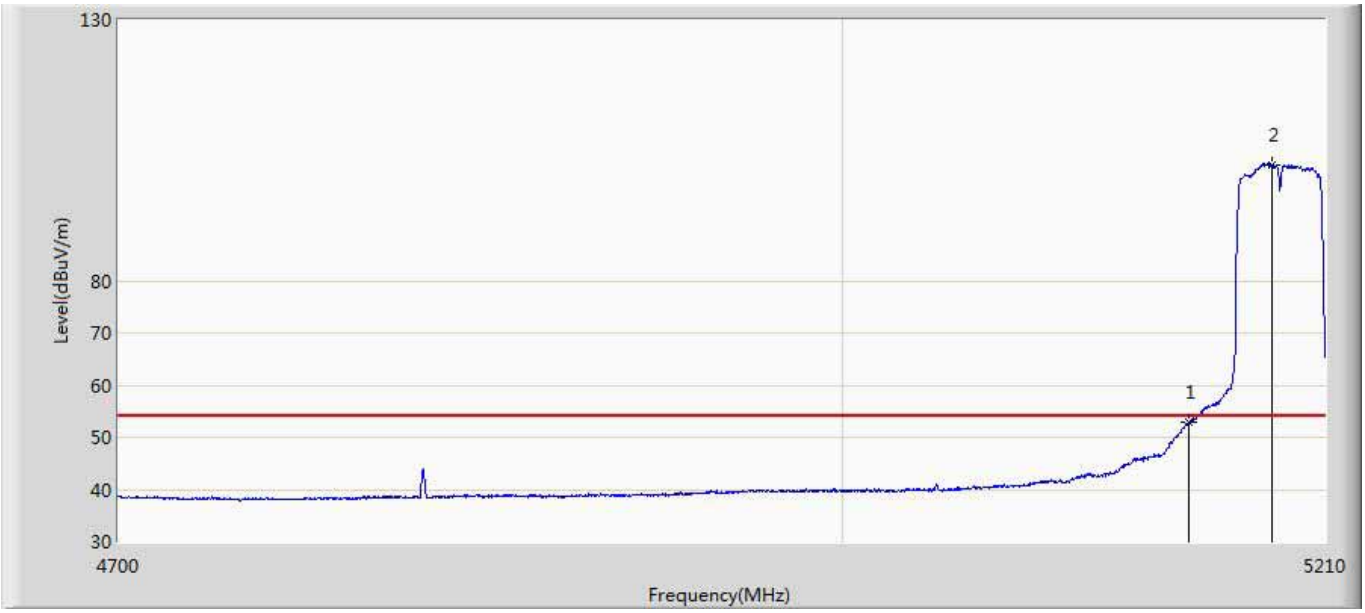
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.586	13.532	-0.414	54.000	40.054	AV
2	*	5183.250	108.255	68.132	54.255	54.000	40.123	AV

Site: AC5	Time: 2016/12/02 - 14:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode5:Transmit at CH5190 by 802.11ac40	



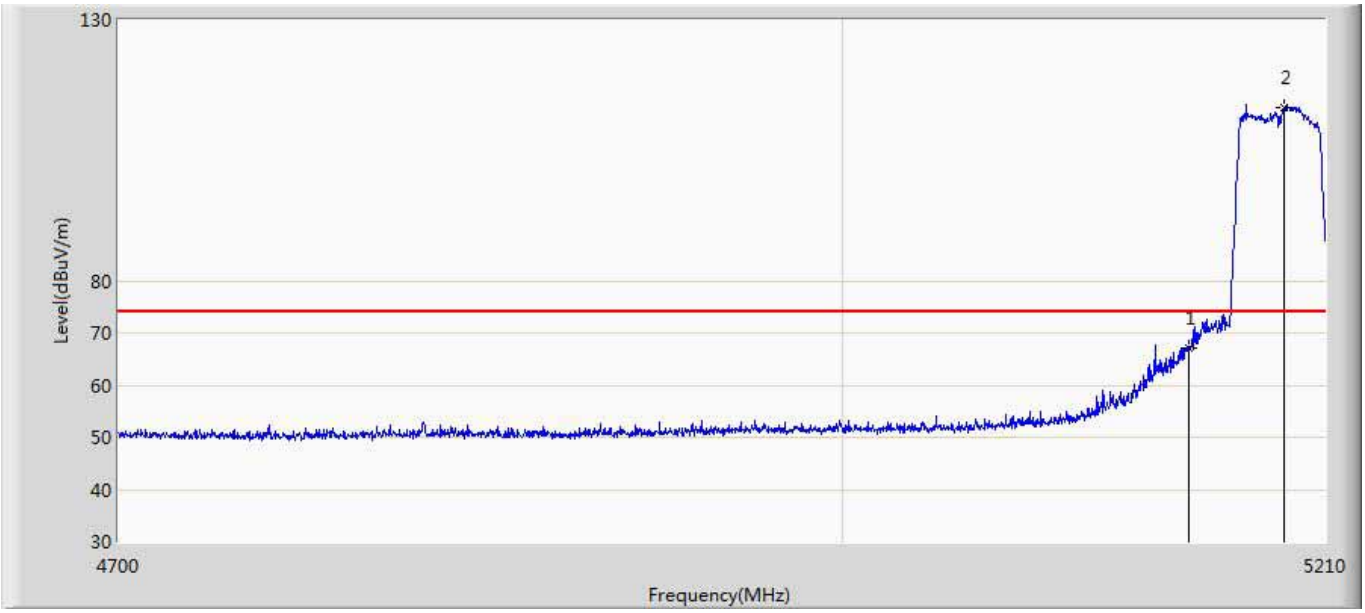
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	66.180	26.126	-7.820	74.000	40.054	PK
2	*	5179.145	111.953	71.835	37.953	74.000	40.117	PK

Site: AC5	Time: 2016/12/02 - 14:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode5:Transmit at CH5190 by 802.11ac40	



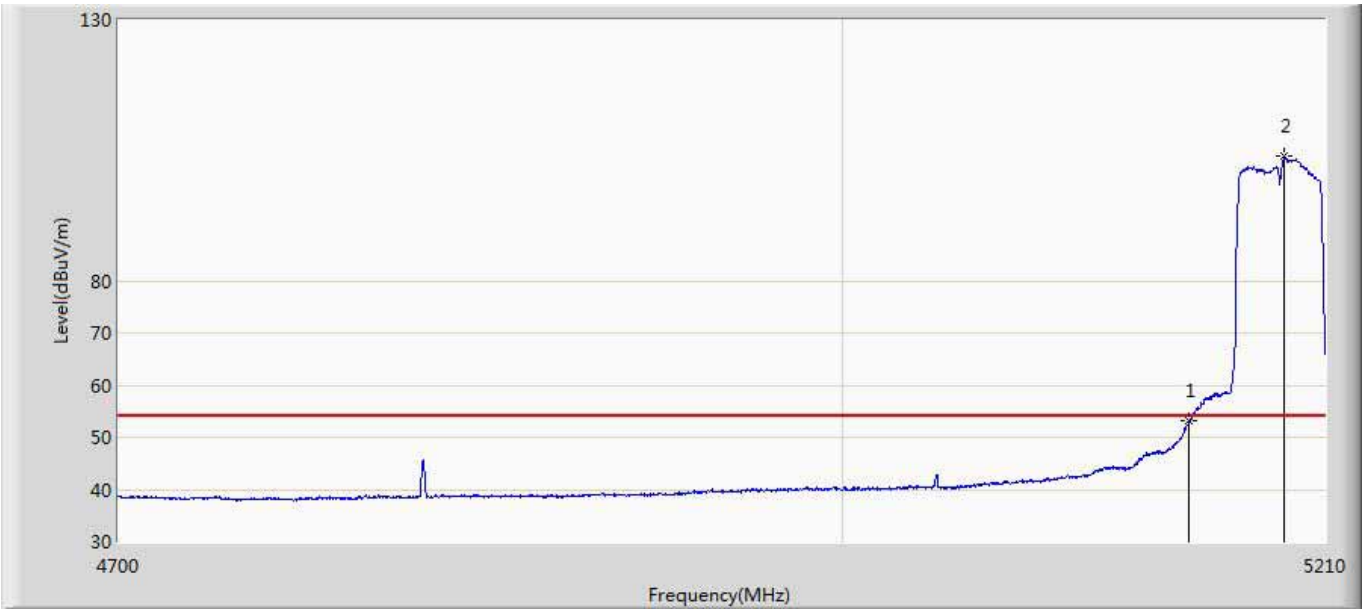
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.894	12.840	-1.106	54.000	40.054	AV
2	*	5186.285	102.297	62.172	48.297	54.000	40.125	AV

Site: AC5	Time: 2016/12/02 - 14:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode5:Transmit at CH5190 by 802.11ac40	



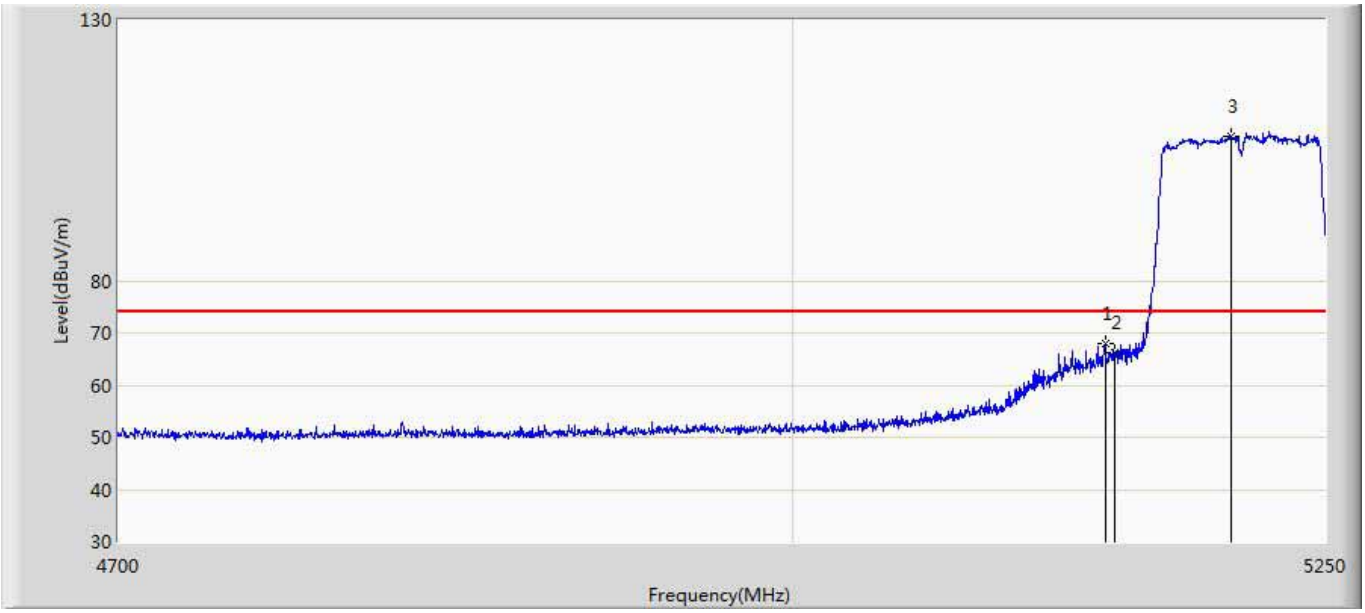
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	67.112	27.058	-6.888	74.000	40.054	PK
2	*	5191.640	113.223	73.094	39.223	74.000	40.130	PK

Site: AC5	Time: 2016/12/02 - 14:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode5:Transmit at CH5190 by 802.11ac40	



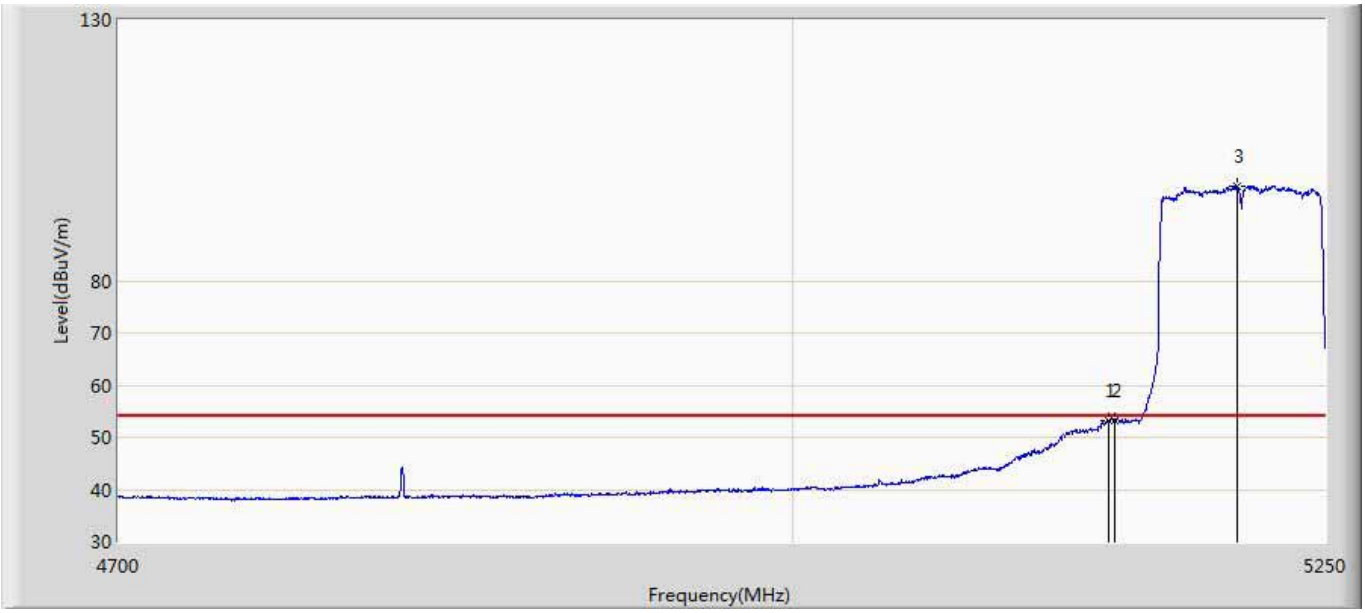
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.055	13.001	-0.945	54.000	40.054	AV
2	*	5191.895	103.780	63.650	49.780	54.000	40.130	AV

Site: AC5	Time: 2016/12/02 - 14:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode6:Transmit at CH5210 by 802.11ac80	



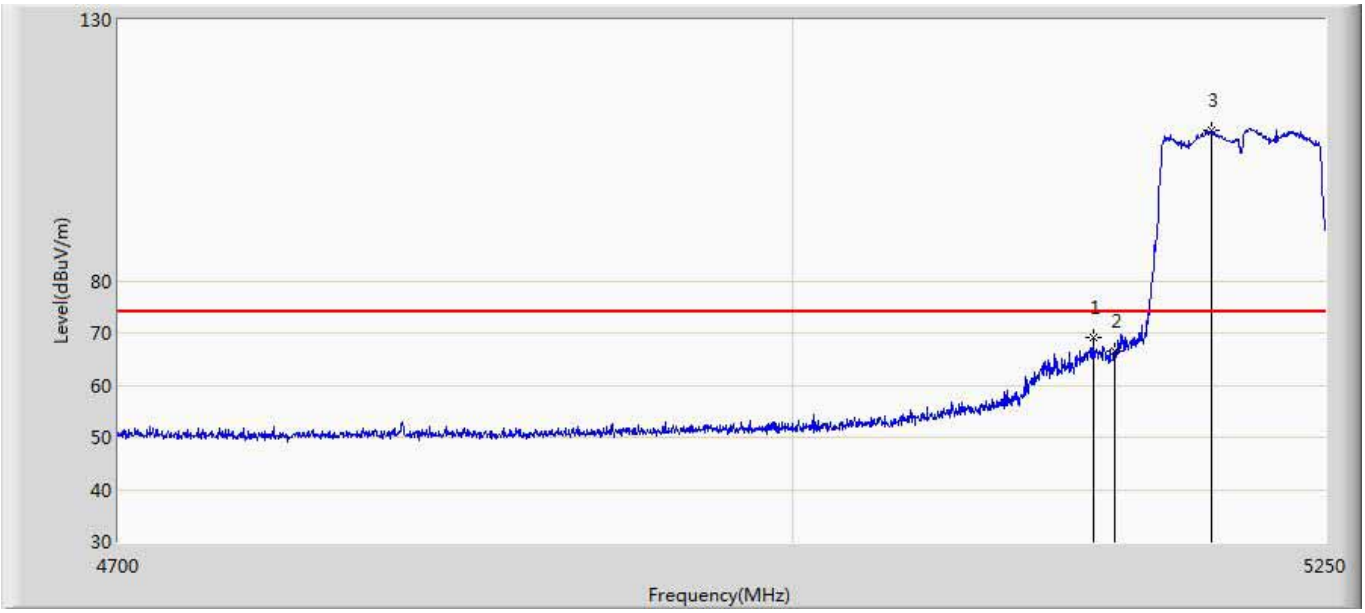
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5145.225	67.923	27.864	-6.077	74.000	40.059	PK
2		5150.000	66.247	26.193	-7.753	74.000	40.054	PK
3	*	5204.900	107.810	67.670	33.810	74.000	40.140	PK

Site: AC5	Time: 2016/12/02 - 14:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode6:Transmit at CH5210 by 802.11ac80	



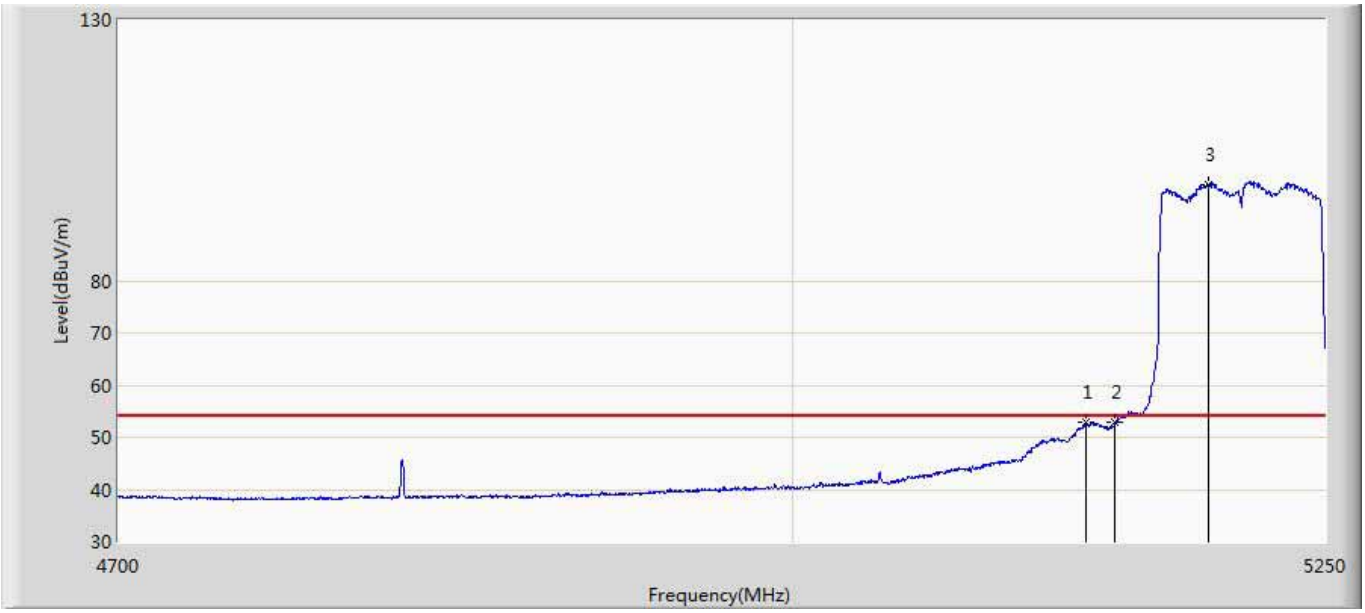
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5146.600	53.332	13.278	-0.668	54.000	40.054	AV
2		5150.000	53.168	13.114	-0.832	54.000	40.054	AV
3	*	5207.650	98.227	58.085	44.227	54.000	40.142	AV

Site: AC5	Time: 2016/12/02 - 14:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode6:Transmit at CH5210 by 802.11ac80	



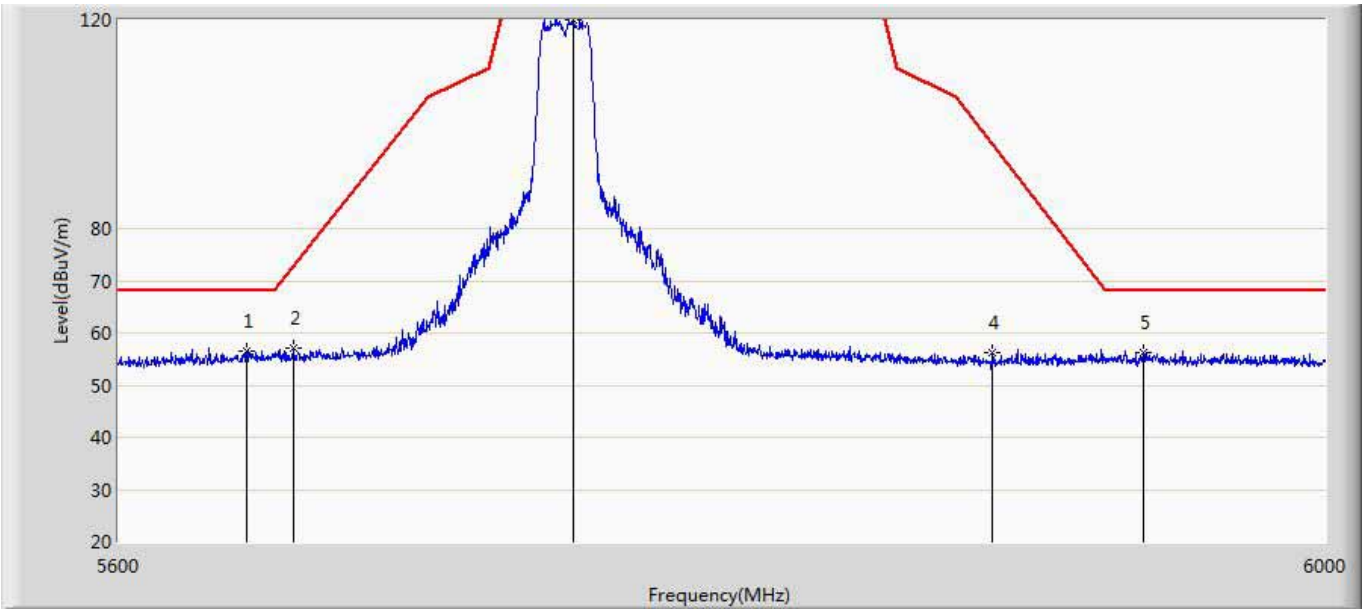
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5139.450	69.094	29.011	-4.906	74.000	40.082	PK
2		5150.000	66.616	26.562	-7.384	74.000	40.054	PK
3	*	5195.550	108.806	68.674	34.806	74.000	40.133	PK

Site: AC5	Time: 2016/12/02 - 14:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode6:Transmit at CH5210 by 802.11ac80	



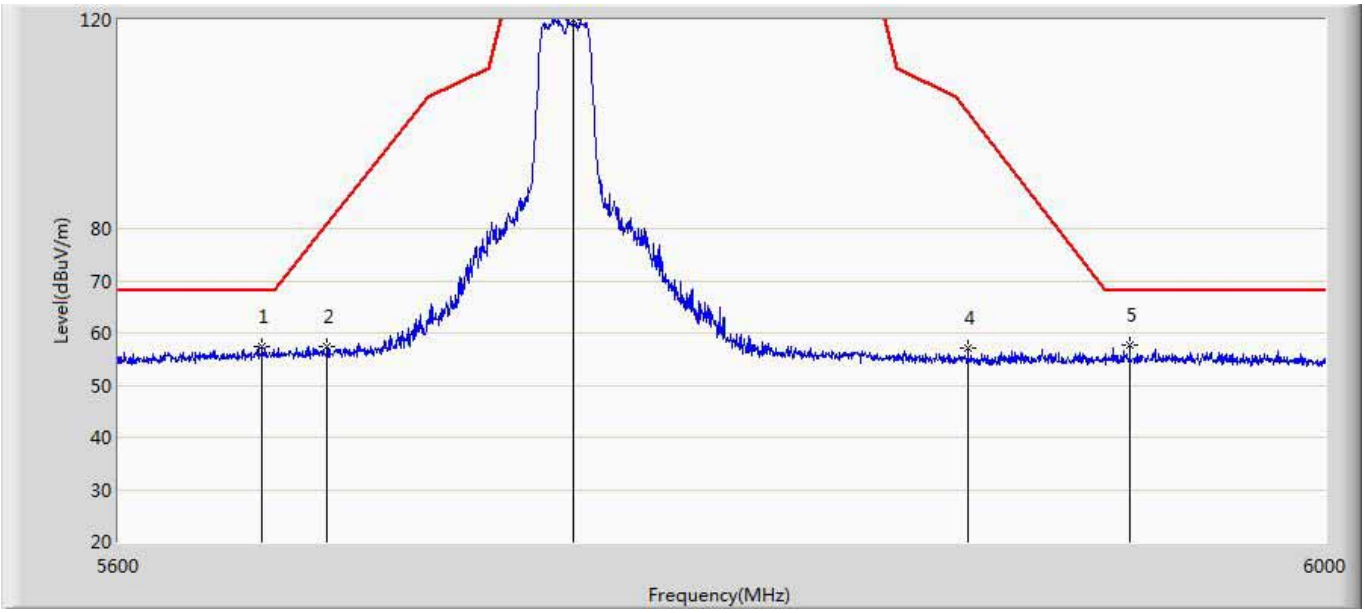
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5136.150	52.848	12.752	-1.152	54.000	40.096	AV
2		5150.000	52.797	12.743	-1.203	54.000	40.054	AV
3	*	5194.450	98.519	58.387	44.519	54.000	40.131	AV

Site: AC5	Time: 2016/12/02 - 15:05
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode1:Transmit at CH5745 by 802.11a	



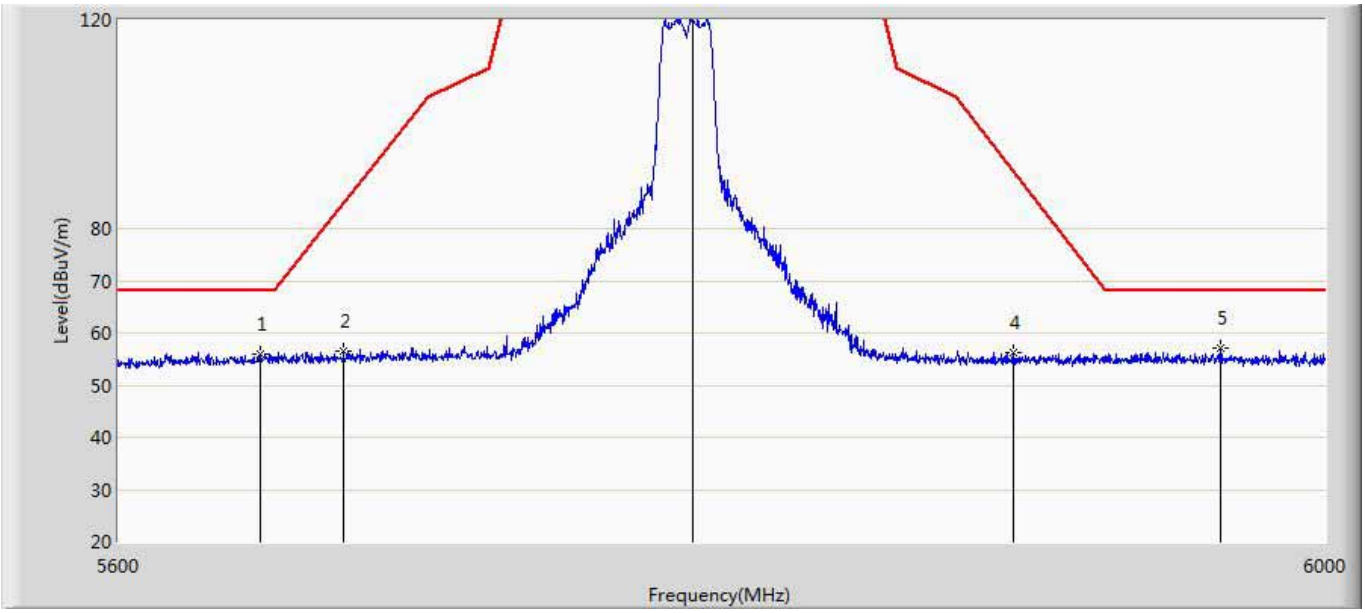
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5641.200	56.632	15.636	-11.568	68.200	40.996	PK
2		5656.400	56.979	15.990	-15.957	72.936	40.989	PK
3	*	5747.400	120.083	78.922	-2.117	122.200	41.160	PK
4		5887.200	56.322	14.946	-39.850	96.172	41.376	PK
5		5938.200	56.221	14.647	-11.979	68.200	41.574	PK

Site: AC5	Time: 2016/12/02 - 15:08
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode1:Transmit at CH5745 by 802.11a	



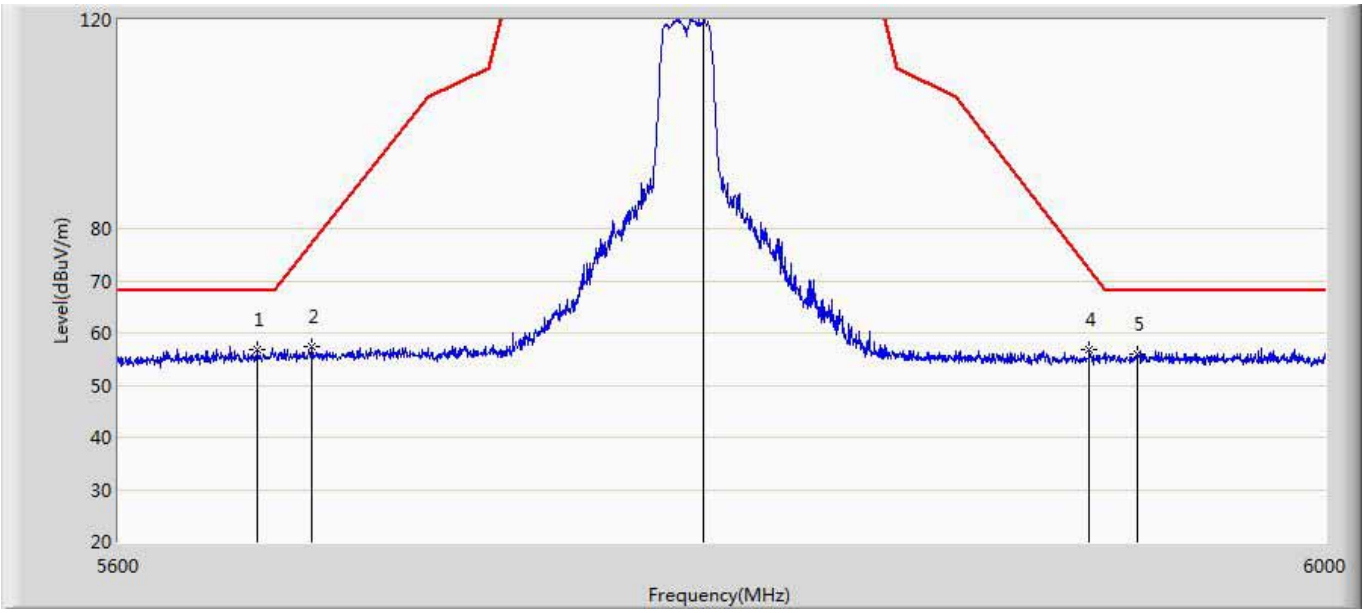
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5646.400	57.473	16.480	-10.727	68.200	40.994	PK
2		5667.200	57.459	16.473	-23.469	80.928	40.986	PK
3	*	5747.800	119.863	78.703	-2.337	122.200	41.160	PK
4		5878.800	57.023	15.643	-45.365	102.388	41.380	PK
5		5933.400	57.651	16.081	-10.549	68.200	41.571	PK

Site: AC5	Time: 2016/12/02 - 15:10
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode1:Transmit at CH5785 by 802.11a	



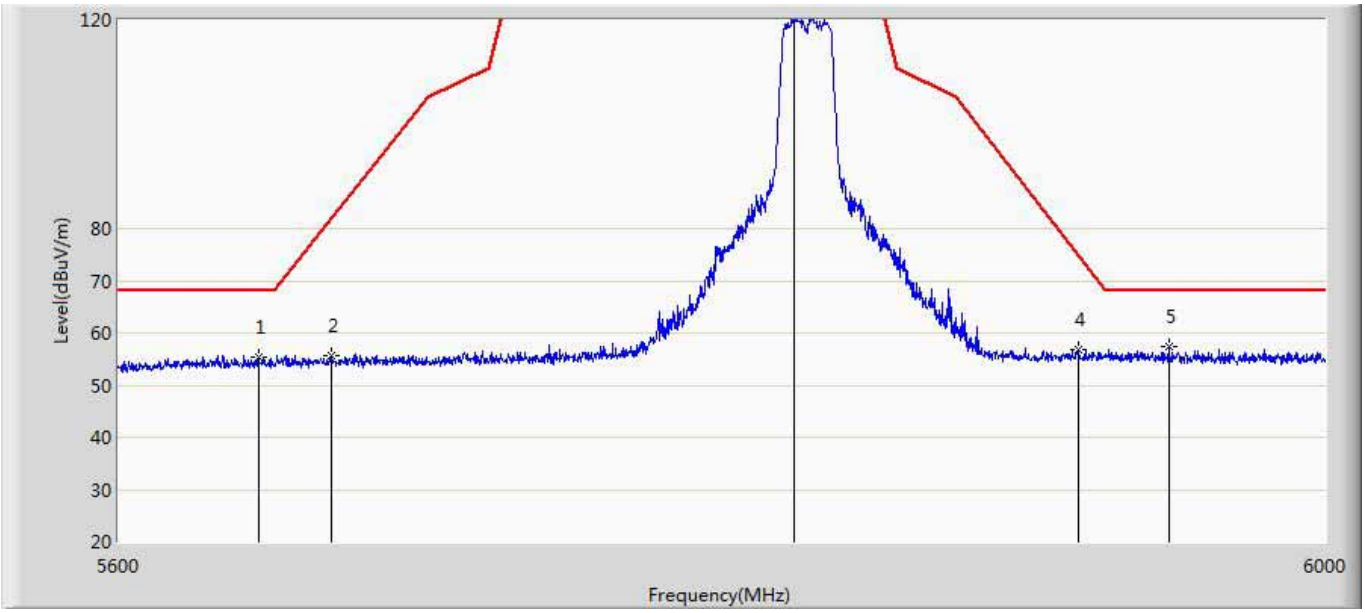
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5645.800	55.911	14.917	-12.289	68.200	40.994	PK
2		5672.600	56.558	15.573	-28.366	84.924	40.985	PK
3	*	5787.000	120.828	79.644	-1.372	122.200	41.184	PK
4		5894.000	56.225	14.852	-34.915	91.140	41.373	PK
5		5964.400	57.041	15.450	-11.159	68.200	41.592	PK

Site: AC5	Time: 2016/12/02 - 15:12
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode1:Transmit at CH5785 by 802.11a	



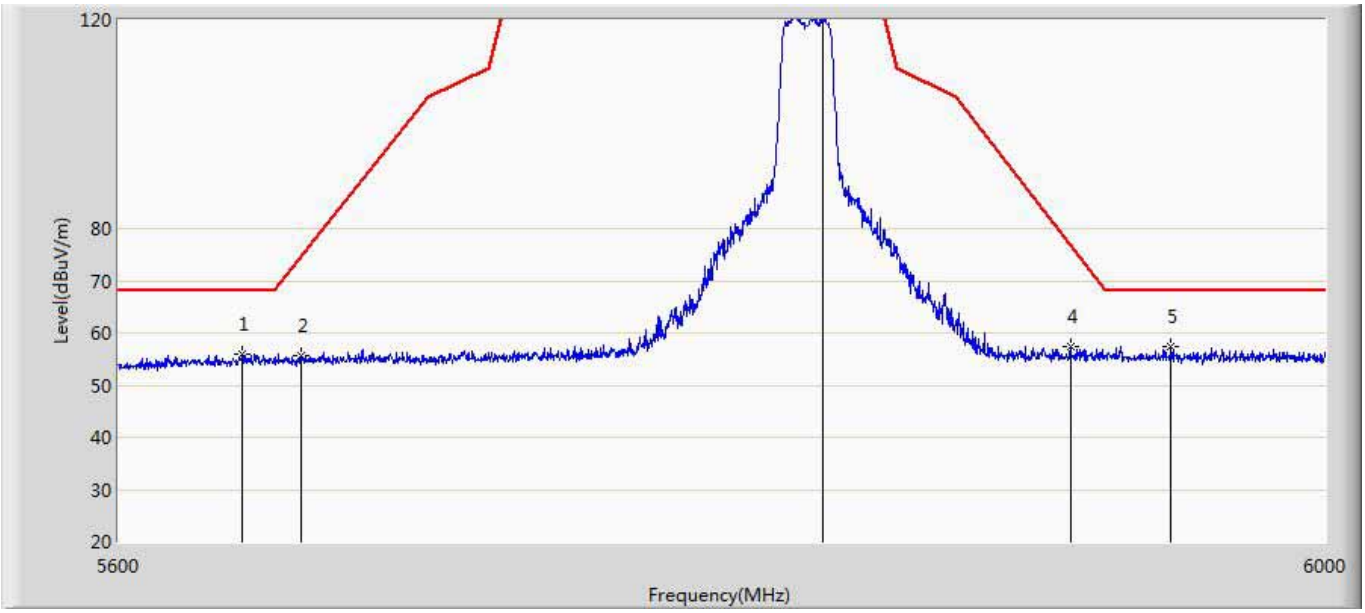
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5644.600	56.735	15.741	-11.465	68.200	40.994	PK
2		5662.200	57.465	16.478	-19.763	77.228	40.987	PK
3	*	5790.600	120.856	79.670	-1.344	122.200	41.186	PK
4		5919.800	56.894	15.405	-15.154	72.048	41.490	PK
5		5935.800	56.078	14.506	-12.122	68.200	41.572	PK

Site: AC5	Time: 2016/12/02 - 15:13
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode1:Transmit at CH5825 by 802.11a	



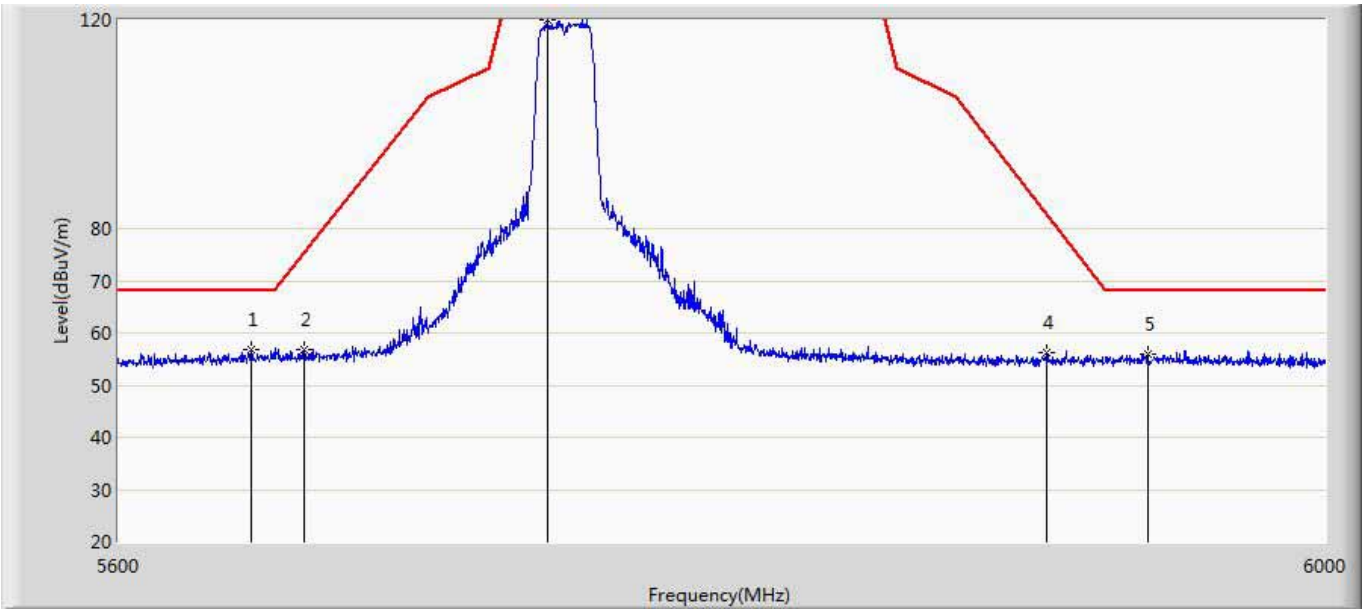
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5645.000	55.415	14.421	-12.785	68.200	40.994	PK
2		5668.600	55.677	14.691	-26.287	81.964	40.986	PK
3	*	5820.600	120.688	79.402	-1.512	122.200	41.286	PK
4		5915.800	56.954	15.495	-18.054	75.008	41.459	PK
5		5946.600	57.282	15.702	-10.918	68.200	41.579	PK

Site: AC5	Time: 2016/12/02 - 15:15
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode1:Transmit at CH5825 by 802.11a	



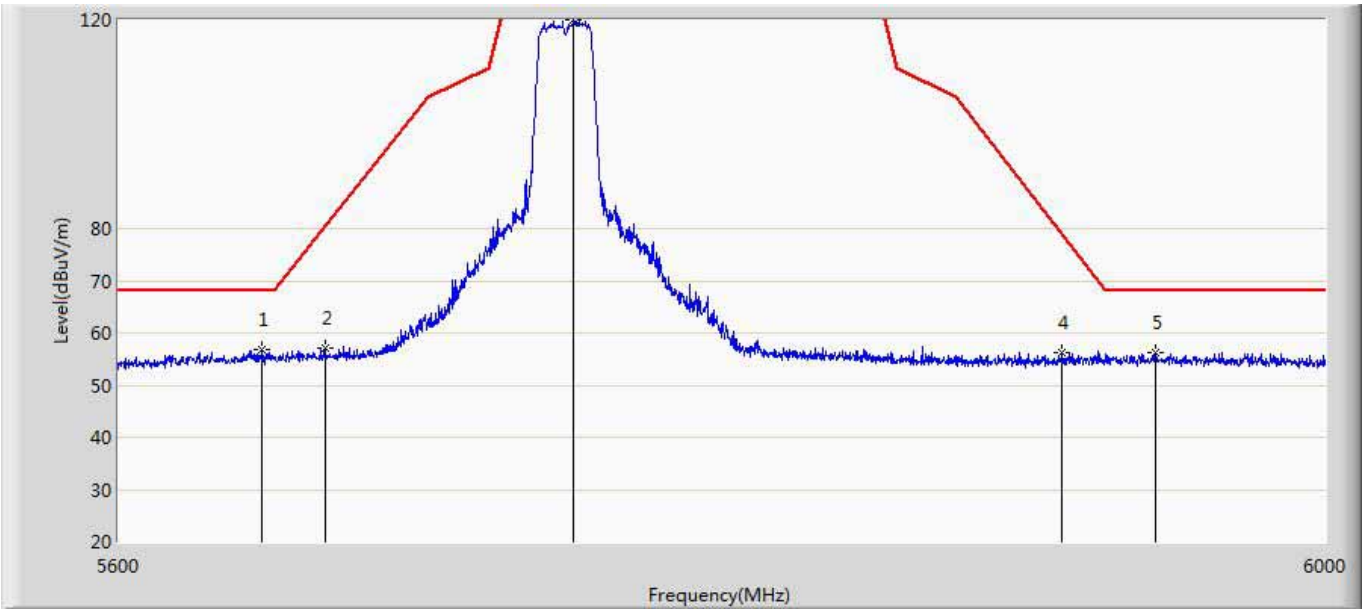
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5639.800	55.916	14.920	-12.284	68.200	40.995	PK
2		5658.800	55.674	14.686	-19.038	74.712	40.988	PK
3	*	5830.400	120.486	79.180	-1.714	122.200	41.306	PK
4		5913.400	57.456	16.016	-19.328	76.784	41.441	PK
5		5947.400	57.496	15.916	-10.704	68.200	41.581	PK

Site: AC5	Time: 2016/12/02 - 15:17
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode2:Transmit at CH5745 by 802.11n20	



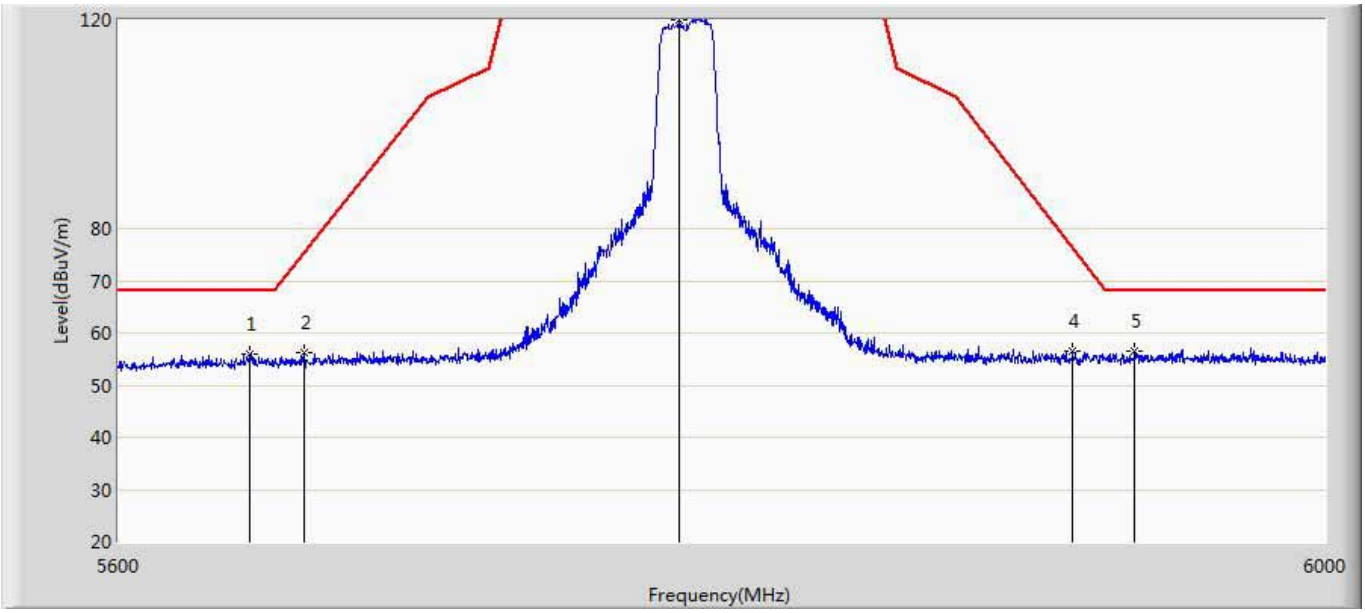
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5642.800	56.857	15.862	-11.343	68.200	40.996	PK
2		5660.000	56.883	15.895	-18.717	75.600	40.988	PK
3	*	5739.400	120.032	78.880	-2.168	122.200	41.152	PK
4		5905.400	56.298	14.890	-26.406	82.704	41.408	PK
5		5939.400	56.001	14.426	-12.199	68.200	41.574	PK

Site: AC5	Time: 2016/12/02 - 15:20
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode2:Transmit at CH5745 by 802.11n20	



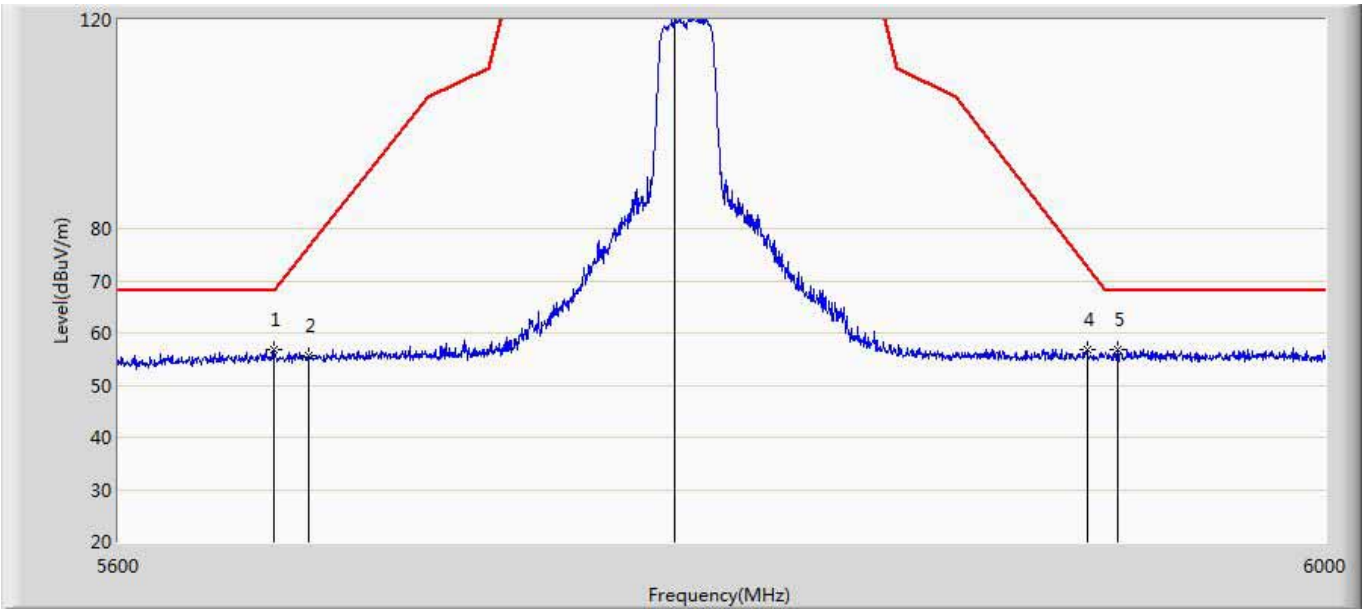
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5646.400	56.791	15.798	-11.409	68.200	40.994	PK
2		5666.600	56.961	15.975	-23.523	80.484	40.986	PK
3	*	5747.600	119.913	78.753	-2.287	122.200	41.160	PK
4		5910.600	56.229	14.801	-22.627	78.856	41.428	PK
5		5942.000	56.264	14.688	-11.936	68.200	41.577	PK

Site: AC5	Time: 2016/12/02 - 15:22
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode2:Transmit at CH5785 by 802.11n20	



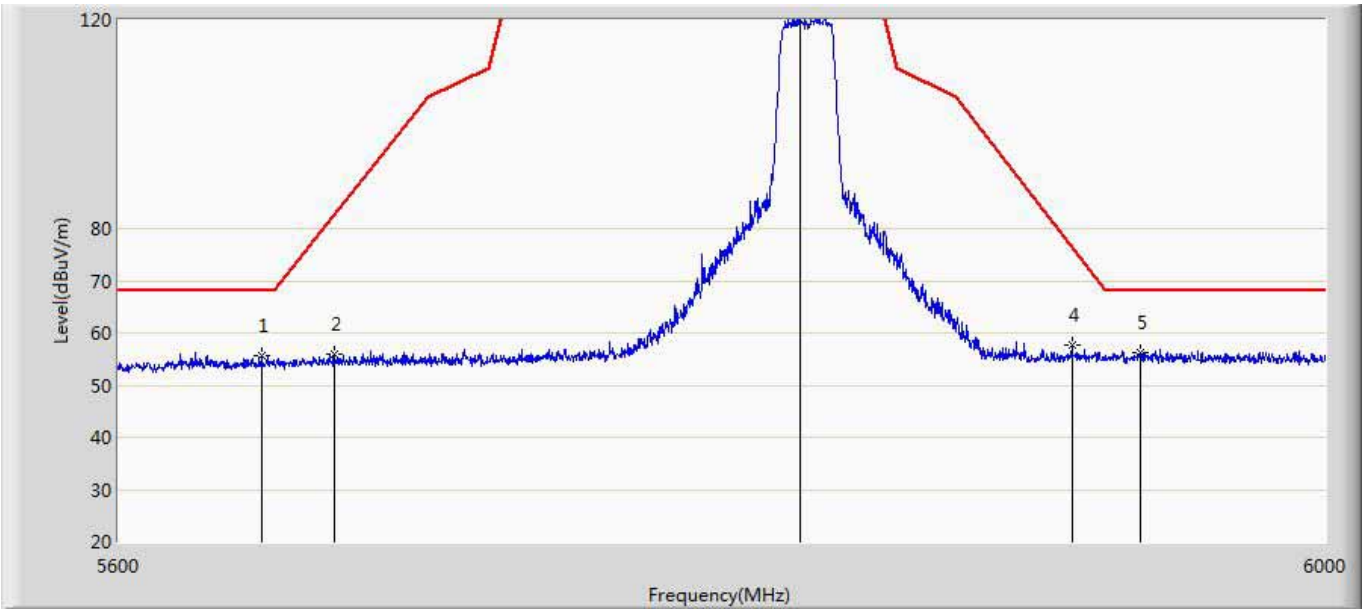
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5642.200	55.959	14.964	-12.241	68.200	40.996	PK
2		5659.800	56.280	15.292	-19.172	75.452	40.988	PK
3	*	5782.600	119.928	78.746	-2.272	122.200	41.182	PK
4		5914.000	56.583	15.138	-19.757	76.340	41.444	PK
5		5935.000	56.458	14.886	-11.742	68.200	41.571	PK

Site: AC5	Time: 2016/12/02 - 15:24
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode2:Transmit at CH5785 by 802.11n20	



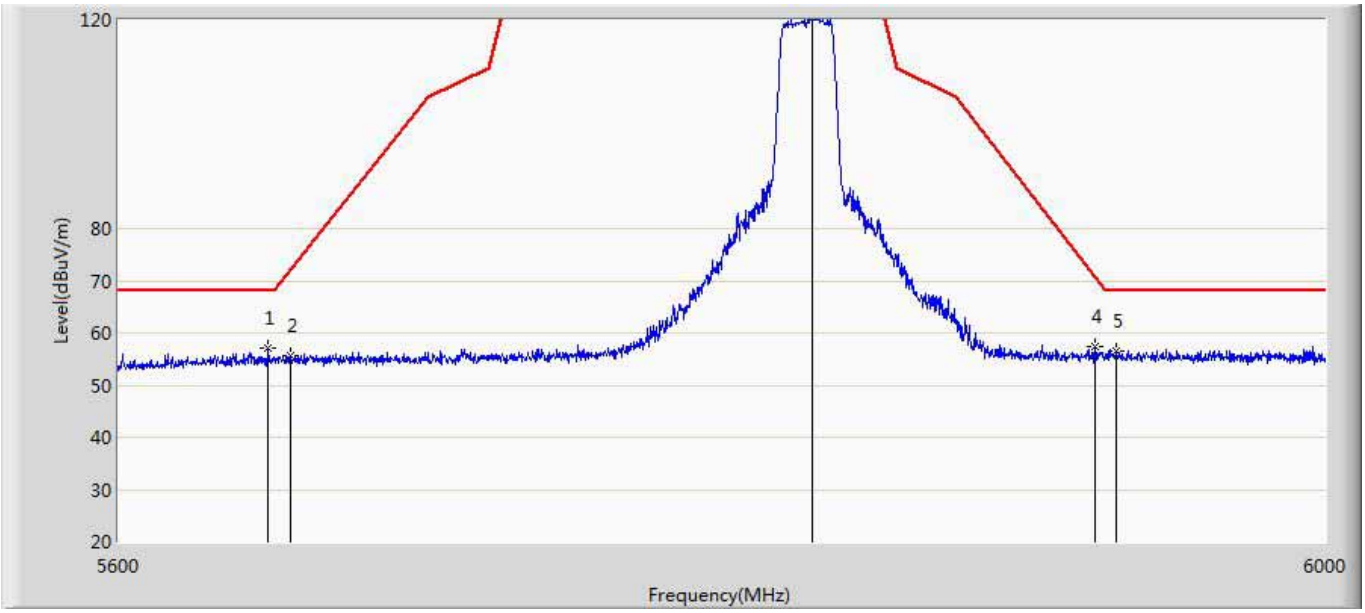
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5650.000	56.706	15.714	-11.494	68.200	40.992	PK
2		5661.400	55.621	14.634	-21.015	76.636	40.987	PK
3	*	5781.000	121.285	80.104	-0.915	122.200	41.181	PK
4		5919.000	56.693	15.210	-15.947	72.640	41.483	PK
5		5929.200	56.932	15.370	-11.268	68.200	41.562	PK

Site: AC5	Time: 2016/12/02 - 15:32
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode2:Transmit at CH5825 by 802.11n20	



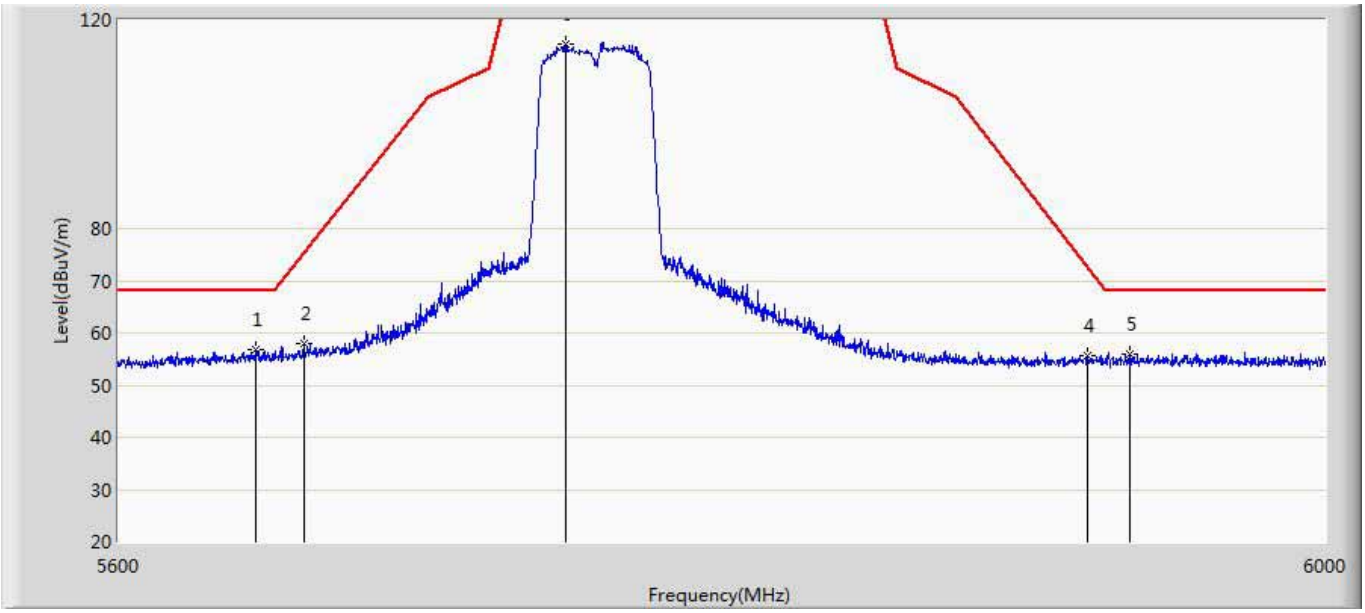
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5646.000	55.530	14.536	-12.670	68.200	40.994	PK
2		5669.600	55.823	14.838	-26.881	82.704	40.985	PK
3	*	5822.600	120.920	79.632	-1.280	122.200	41.287	PK
4		5913.800	57.559	16.116	-18.929	76.488	41.443	PK
5		5937.200	56.264	14.691	-11.936	68.200	41.573	PK

Site: AC5	Time: 2016/12/02 - 15:35
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode2:Transmit at CH5825 by 802.11n20	



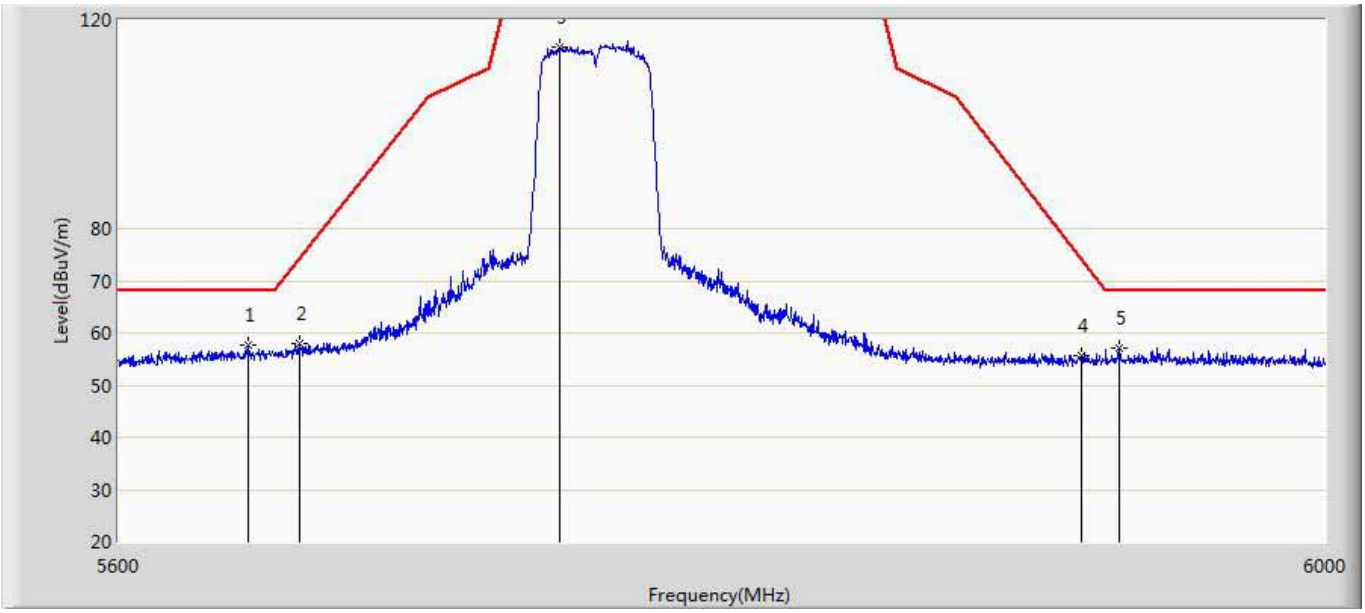
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5648.200	57.042	16.049	-11.158	68.200	40.992	PK
2		5655.400	55.729	14.740	-16.467	72.196	40.989	PK
3	*	5826.800	120.560	79.269	-1.640	122.200	41.291	PK
4		5921.600	57.528	16.025	-13.188	70.716	41.503	PK
5		5929.000	56.507	14.947	-11.693	68.200	41.561	PK

Site: AC5	Time: 2016/12/02 - 15:37
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode3:Transmit at CH5755 by 802.11n40	



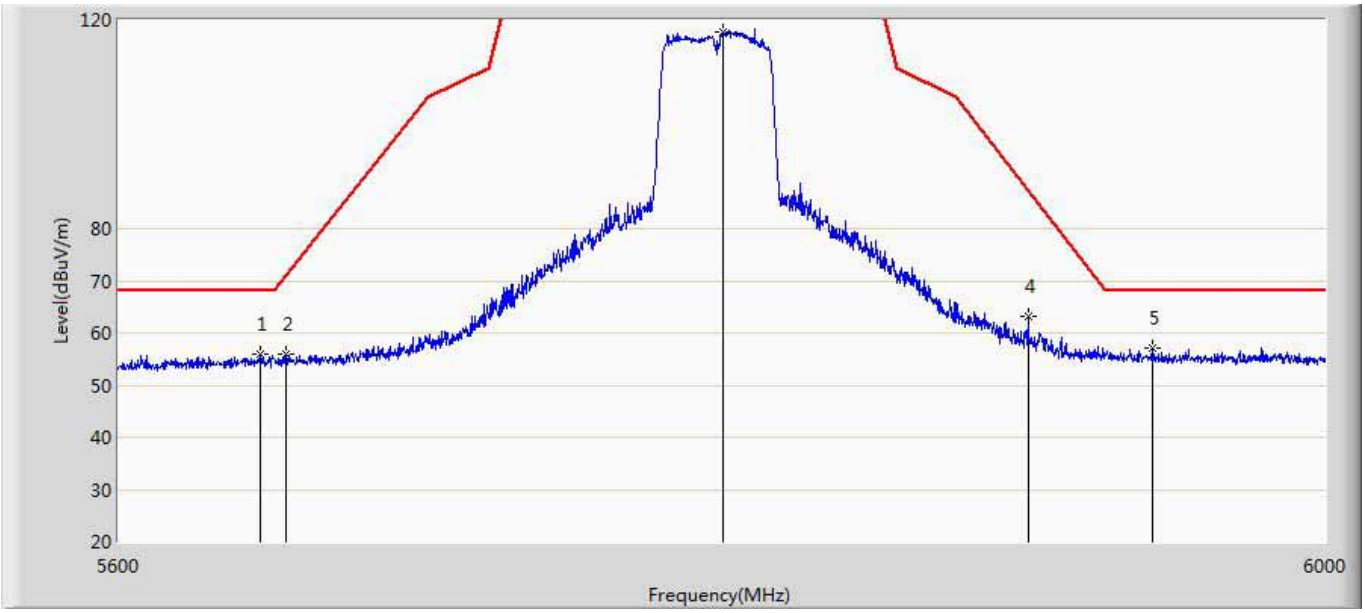
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5644.200	56.879	15.885	-11.321	68.200	40.995	PK
2		5659.800	58.069	17.081	-17.383	75.452	40.988	PK
3	*	5745.000	115.507	74.340	-6.693	122.200	41.167	PK
4		5919.000	55.762	14.279	-16.878	72.640	41.483	PK
5		5933.200	55.984	14.414	-12.216	68.200	41.571	PK

Site: AC5	Time: 2016/12/02 - 15:42
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode3:Transmit at CH5755 by 802.11n40	



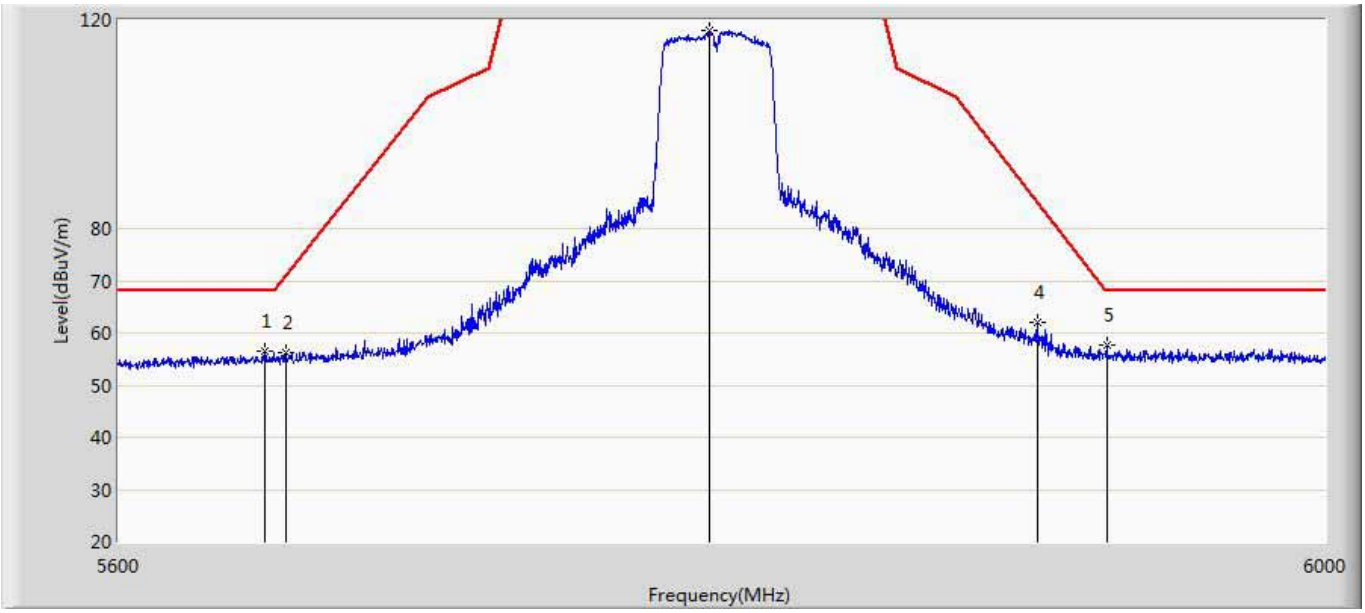
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5641.600	57.723	16.727	-10.477	68.200	40.996	PK
2		5658.200	58.042	17.054	-16.226	74.268	40.988	PK
3	*	5743.400	114.896	73.725	-7.304	122.200	41.171	PK
4		5917.200	55.622	14.153	-18.350	73.972	41.469	PK
5		5929.800	57.207	15.641	-10.993	68.200	41.567	PK

Site: AC5	Time: 2016/12/02 - 15:44
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode3:Transmit at CH5795 by 802.11n40	



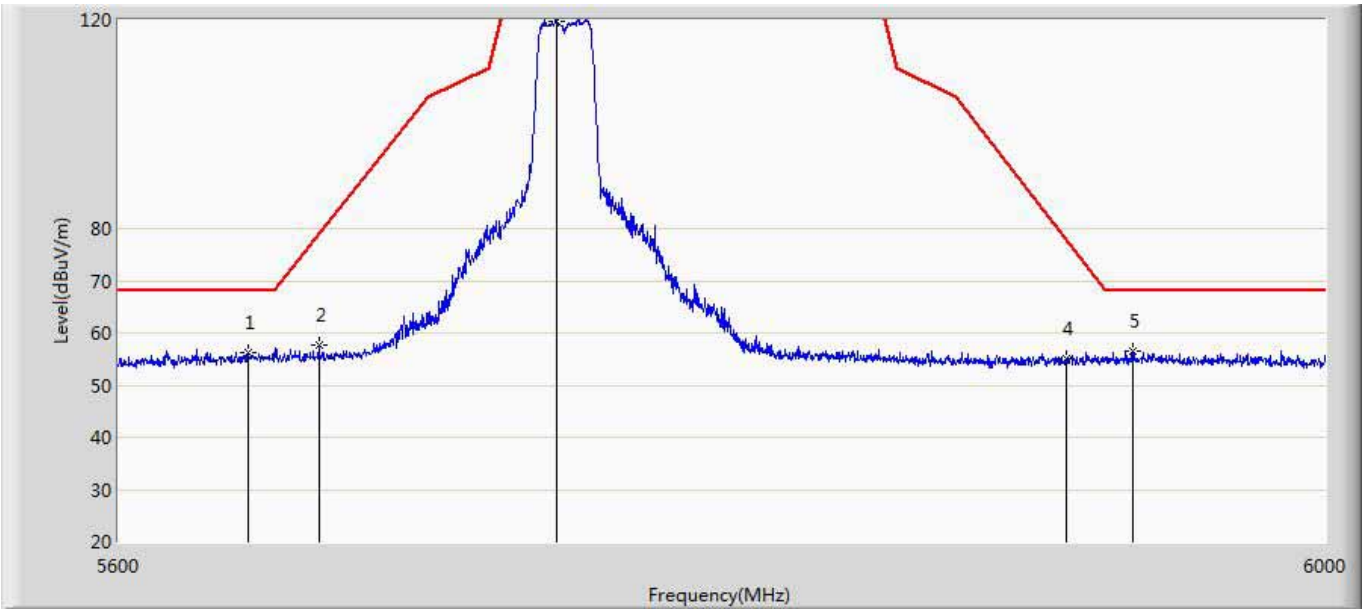
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5645.600	56.008	15.014	-12.192	68.200	40.993	PK
2		5653.800	55.907	14.917	-15.105	71.012	40.990	PK
3	*	5797.000	117.780	76.576	-4.420	122.200	41.204	PK
4		5899.000	63.320	21.937	-24.120	87.440	41.383	PK
5		5941.400	57.214	15.638	-10.986	68.200	41.576	PK

Site: AC5	Time: 2016/12/02 - 15:46
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode3:Transmit at CH5795 by 802.11n40	



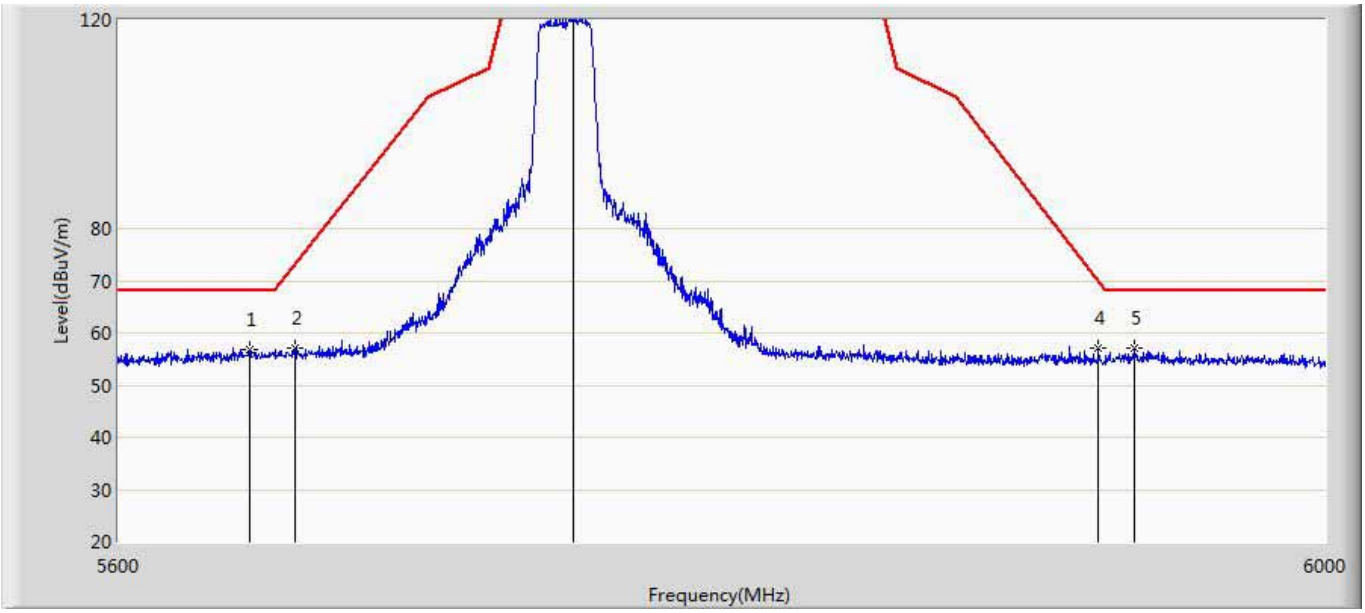
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5647.400	56.627	15.634	-11.573	68.200	40.993	PK
2		5654.200	56.219	15.229	-15.089	71.308	40.990	PK
3	*	5792.400	118.100	76.913	-4.100	122.200	41.187	PK
4		5902.000	61.986	20.591	-23.234	85.220	41.394	PK
5		5925.600	57.565	16.031	-10.635	68.200	41.534	PK

Site: AC5	Time: 2016/12/02 - 15:48
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode4:Transmit at CH5745 by 802.11ac20	



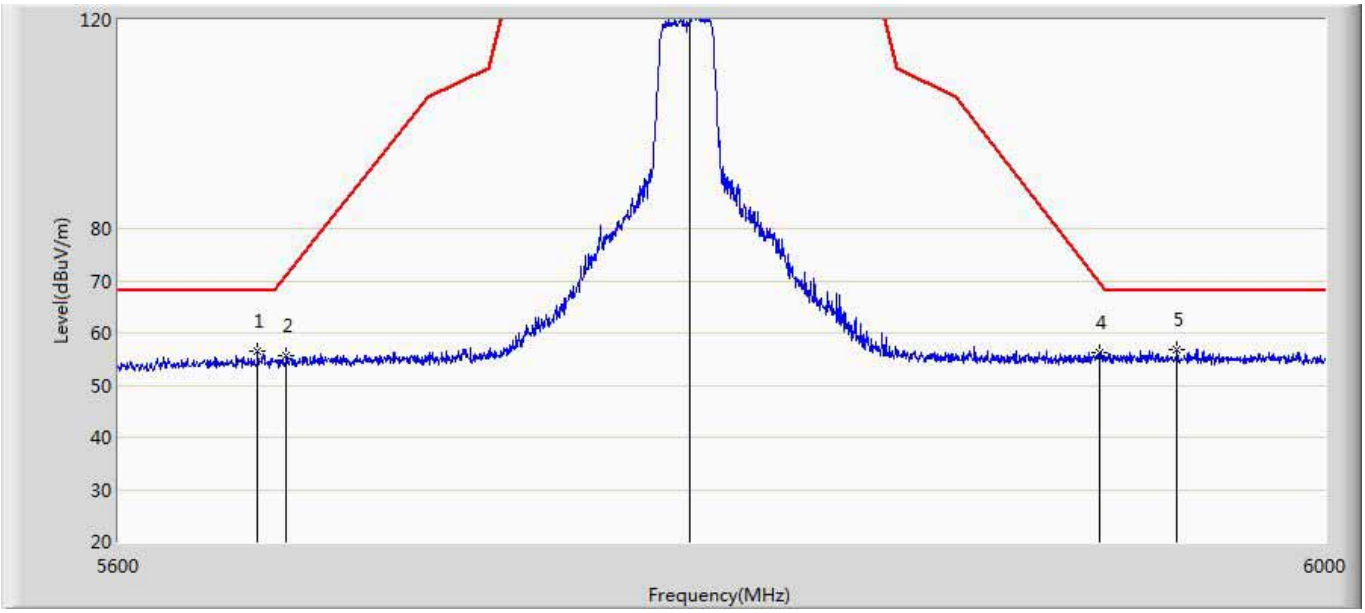
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5642.000	56.137	15.141	-12.063	68.200	40.995	PK
2		5664.600	57.696	16.710	-21.308	79.004	40.986	PK
3	*	5742.400	119.849	78.680	-2.351	122.200	41.169	PK
4		5912.200	55.031	13.597	-22.641	77.672	41.434	PK
5		5934.600	56.640	15.069	-11.560	68.200	41.571	PK

Site: AC5	Time: 2016/12/02 - 15:50
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode4:Transmit at CH5745 by 802.11ac20	



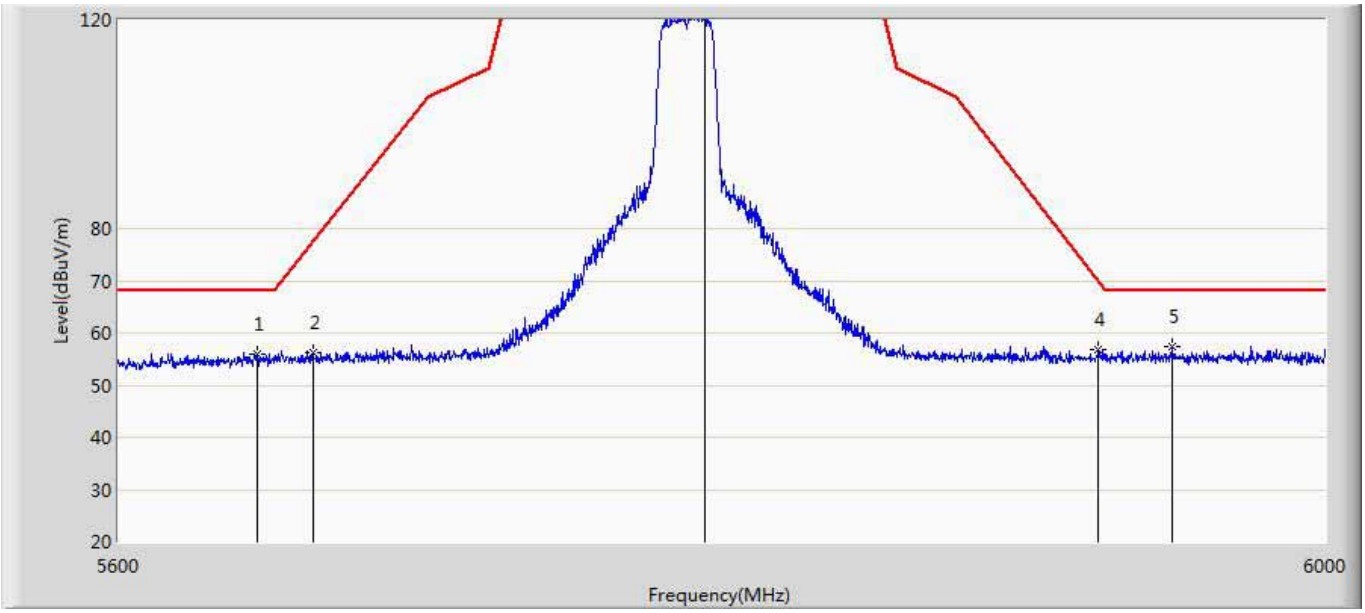
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5642.400	56.900	15.905	-11.300	68.200	40.995	PK
2		5656.800	57.172	16.183	-16.060	73.232	40.988	PK
3	*	5747.400	120.721	79.560	-1.479	122.200	41.160	PK
4		5922.800	57.092	15.579	-12.736	69.828	41.513	PK
5		5935.200	57.149	15.577	-11.051	68.200	41.571	PK

Site: AC5	Time: 2016/12/02 - 15:52
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode4:Transmit at CH5785 by 802.11ac20	



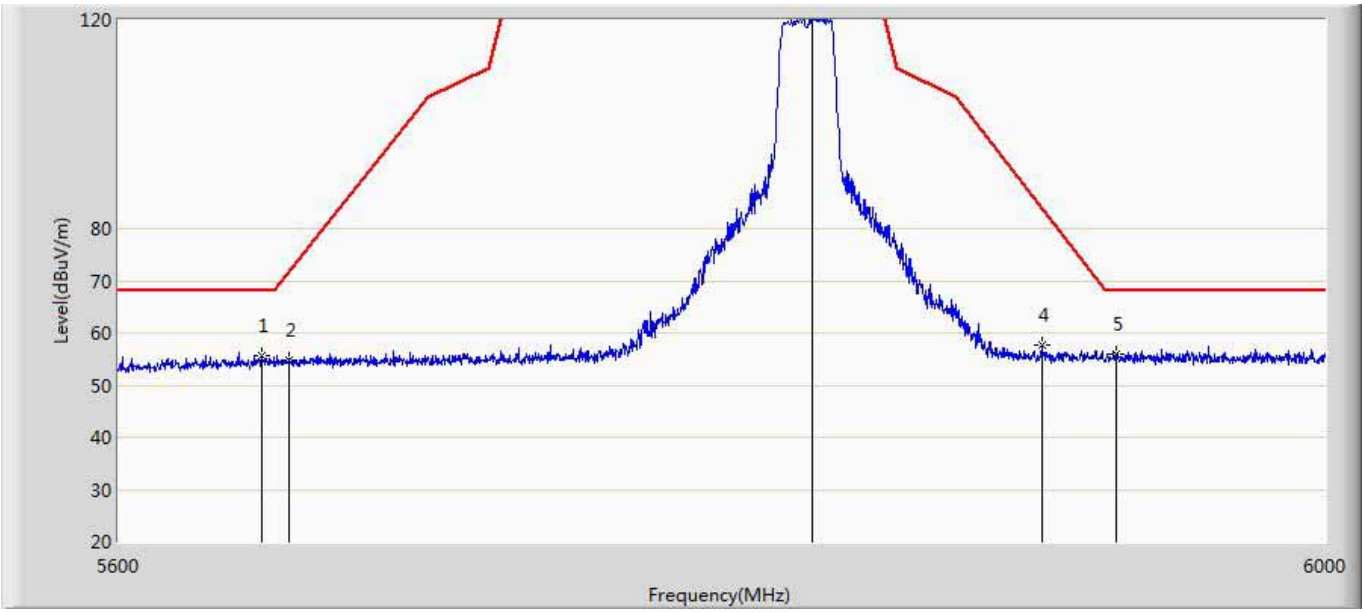
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5644.800	56.397	15.403	-11.803	68.200	40.994	PK
2		5654.200	55.679	14.689	-15.629	71.308	40.990	PK
3	*	5786.200	121.160	79.976	-1.040	122.200	41.184	PK
4		5923.000	56.236	14.722	-13.444	69.680	41.514	PK
5		5949.600	56.877	15.295	-11.323	68.200	41.582	PK

Site: AC5	Time: 2016/12/02 - 15:54
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode4:Transmit at CH5785 by 802.11ac20	



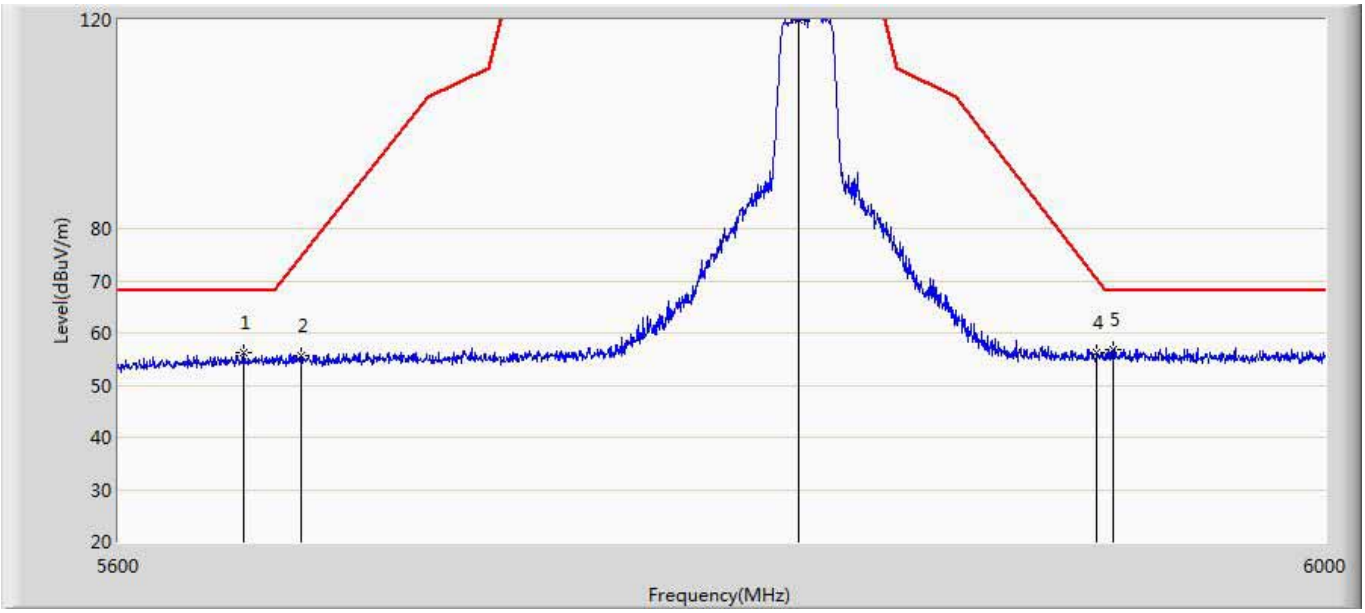
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5644.800	55.960	14.966	-12.240	68.200	40.994	PK
2		5662.800	56.329	15.342	-21.343	77.672	40.987	PK
3	*	5790.800	121.419	80.233	-0.781	122.200	41.186	PK
4		5922.800	56.780	15.267	-13.048	69.828	41.513	PK
5		5947.800	57.431	15.850	-10.769	68.200	41.580	PK

Site: AC5	Time: 2016/12/02 - 15:56
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode4:Transmit at CH5825 by 802.11ac20	



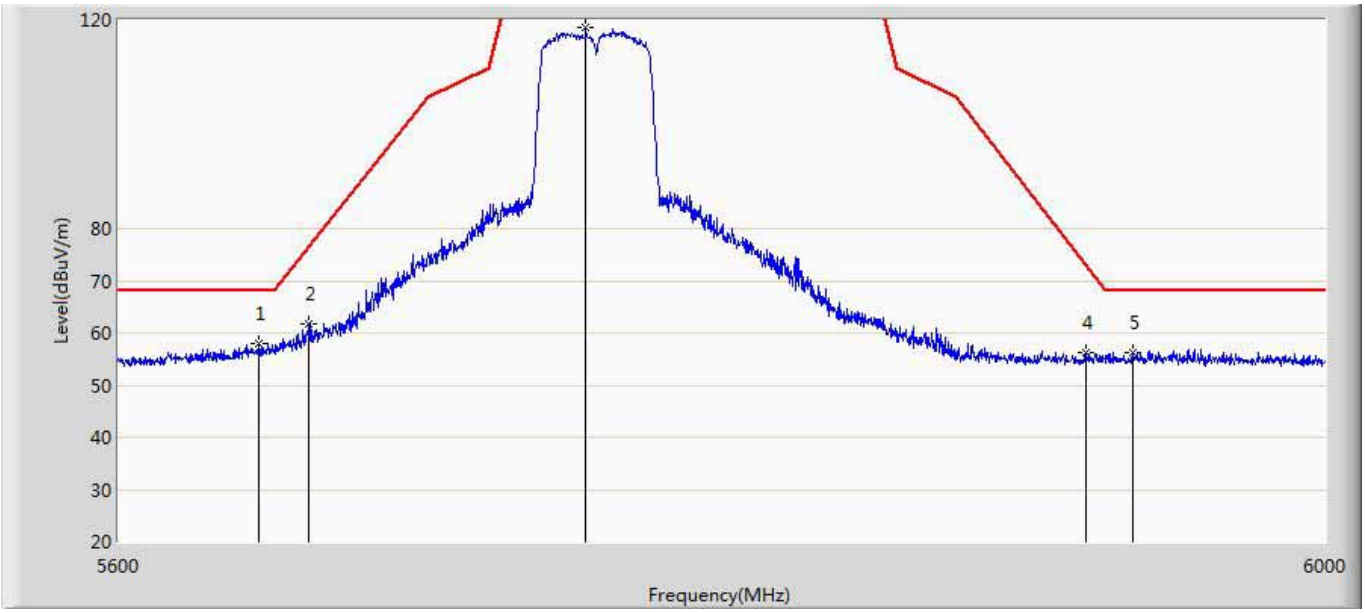
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5646.200	55.602	14.608	-12.598	68.200	40.993	PK
2		5654.800	54.704	13.714	-17.048	71.752	40.989	PK
3	*	5826.800	120.606	79.315	-1.594	122.200	41.291	PK
4		5903.600	57.826	16.425	-26.210	84.036	41.401	PK
5		5928.800	55.919	14.360	-12.281	68.200	41.558	PK

Site: AC5	Time: 2016/12/02 - 15:58
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode4:Transmit at CH5825 by 802.11ac20	



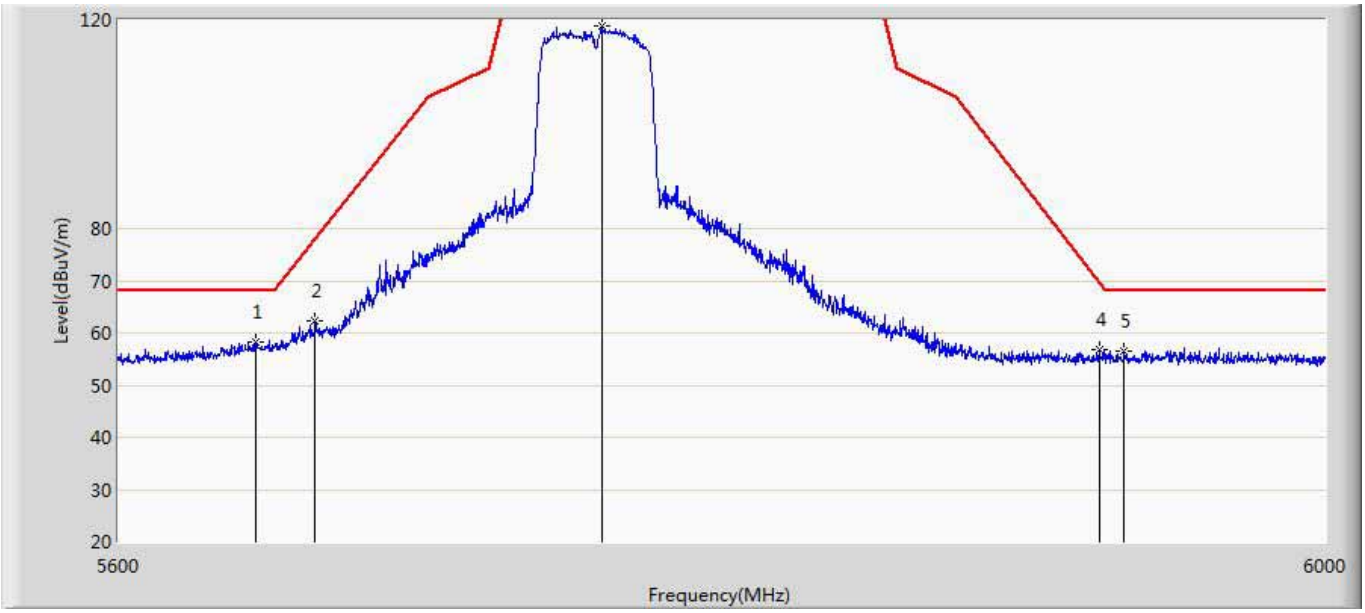
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5640.200	56.131	15.135	-12.069	68.200	40.996	PK
2		5658.800	55.683	14.695	-19.029	74.712	40.988	PK
3	*	5822.400	120.035	78.748	-2.165	122.200	41.287	PK
4		5922.200	56.215	14.707	-14.057	70.272	41.508	PK
5		5927.600	56.837	15.287	-11.363	68.200	41.550	PK

Site: AC5	Time: 2016/12/02 - 17:55
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode5:Transmit at CH5755 by 802.11ac40	



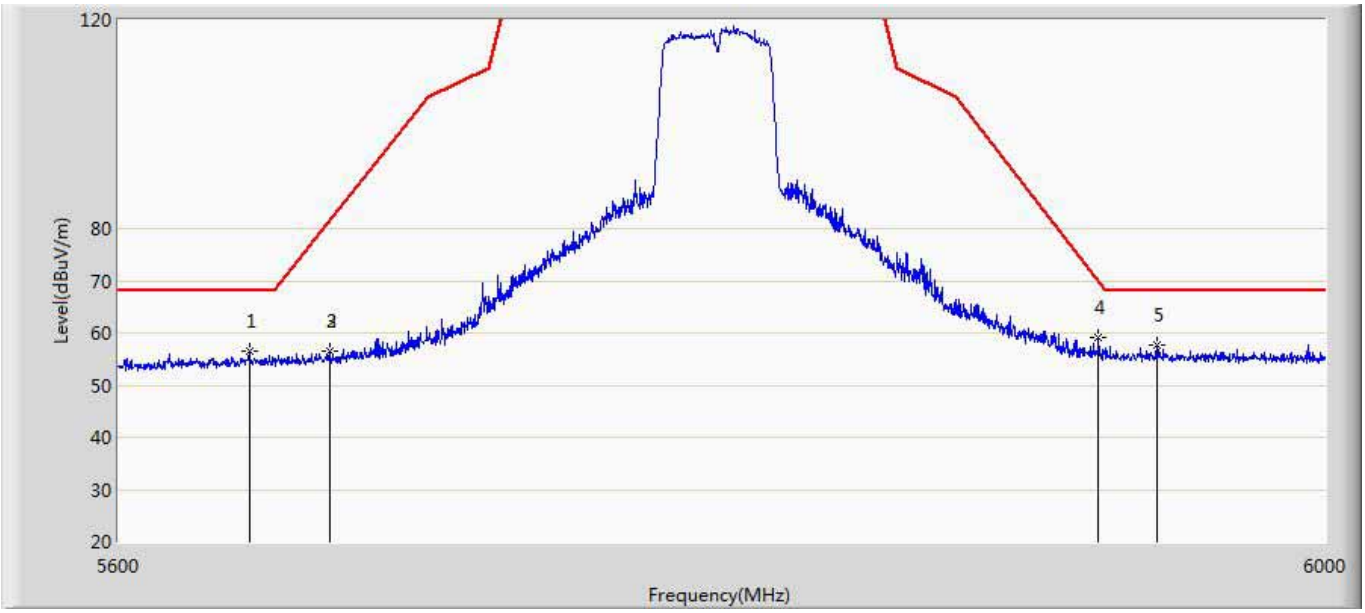
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5645.400	57.986	16.992	-10.214	68.200	40.994	PK
2		5661.400	61.654	20.667	-14.982	76.636	40.987	PK
3	*	5751.800	118.506	77.357	-3.694	122.200	41.149	PK
4		5918.600	56.232	14.752	-16.704	72.936	41.480	PK
5		5934.400	56.243	14.672	-11.957	68.200	41.571	PK

Site: AC5	Time: 2016/12/02 - 17:56
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode5:Transmit at CH5755 by 802.11ac40	



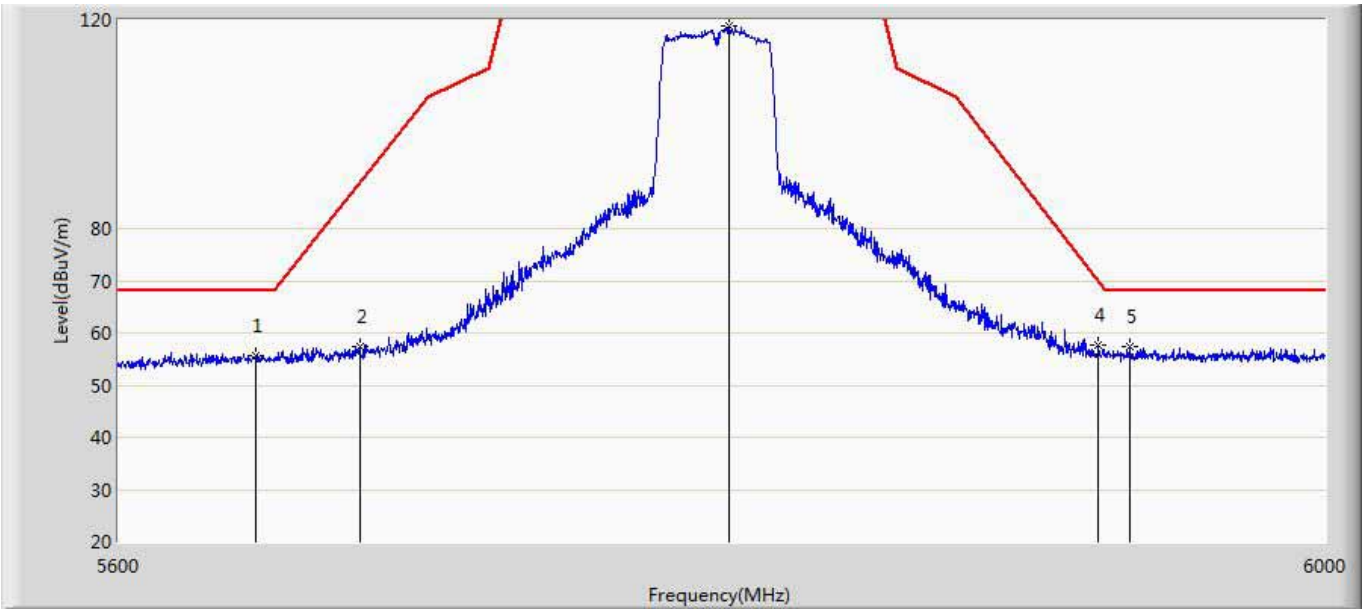
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5644.200	58.124	17.130	-10.076	68.200	40.995	PK
2		5663.400	62.433	21.446	-15.683	78.116	40.987	PK
3	*	5757.000	118.770	77.634	-3.430	122.200	41.136	PK
4		5923.200	56.721	15.205	-12.811	69.532	41.515	PK
5		5931.600	56.620	15.051	-11.580	68.200	41.569	PK

Site: AC5	Time: 2016/12/02 - 17:58
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode5:Transmit at CH5795 by 802.11ac40	



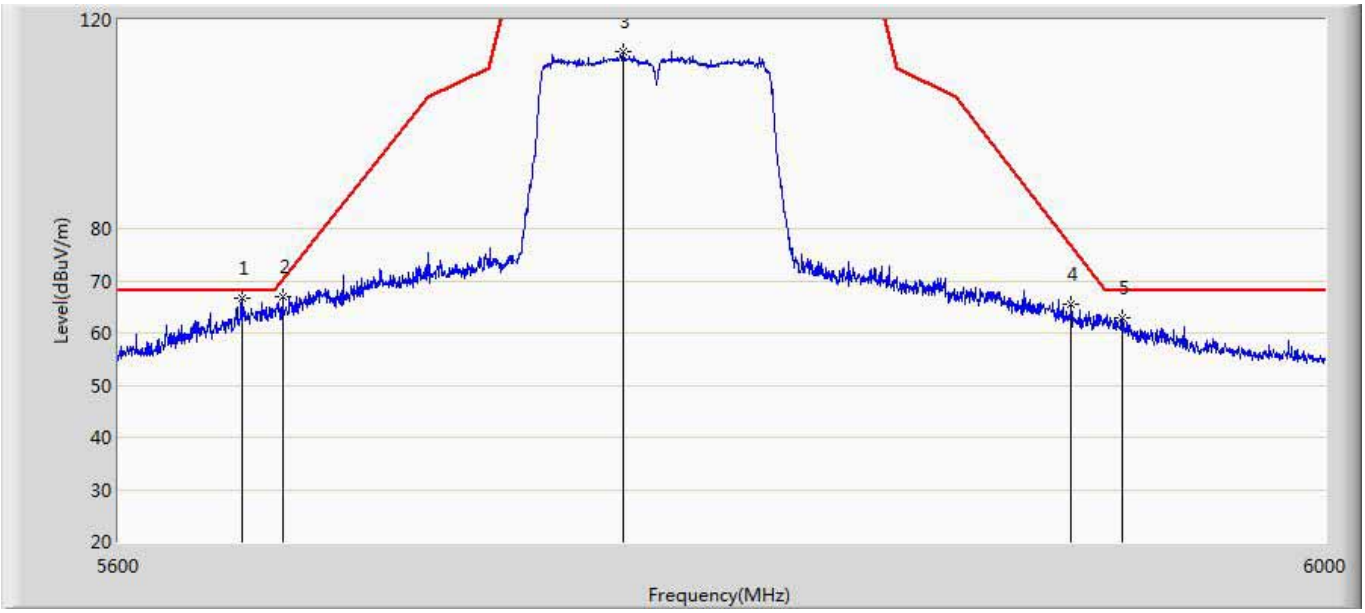
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5642.200	56.452	15.457	-11.748	68.200	40.996	PK
2		5668.000	56.458	15.472	-25.062	81.520	40.986	PK
3		5668.000	56.458	15.472	-25.062	81.520	40.986	PK
4		5922.800	58.995	17.482	-10.833	69.828	41.513	PK
5	*	5942.800	57.669	16.092	-10.531	68.200	41.577	PK

Site: AC5	Time: 2016/12/02 - 17:59
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode5:Transmit at CH5795 by 802.11ac40	



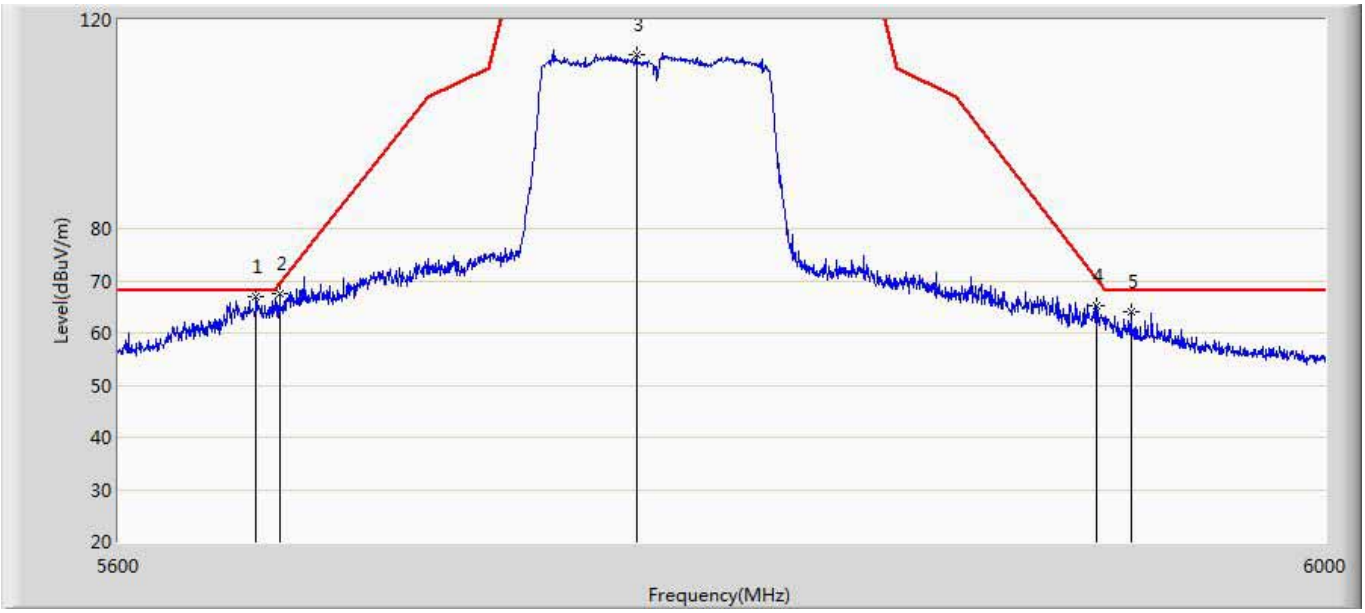
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5644.400	55.731	14.737	-12.469	68.200	40.995	PK
2		5677.800	57.440	16.454	-31.332	88.772	40.986	PK
3	*	5799.200	118.856	77.640	-3.344	122.200	41.215	PK
4		5922.800	57.793	16.280	-12.035	69.828	41.513	PK
5		5933.200	57.412	15.842	-10.788	68.200	41.571	PK

Site: AC5	Time: 2016/12/02 - 18:01
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode6:Transmit at CH5775 by 802.11ac80	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5639.600	66.608	25.612	-1.592	68.200	40.995	PK
2		5653.000	67.024	26.034	-3.396	70.420	40.990	PK
3		5764.000	113.974	72.834	-8.226	122.200	41.140	PK
4		5913.600	65.370	23.928	-11.266	76.636	41.442	PK
5		5930.800	63.041	21.472	-5.159	68.200	41.568	PK

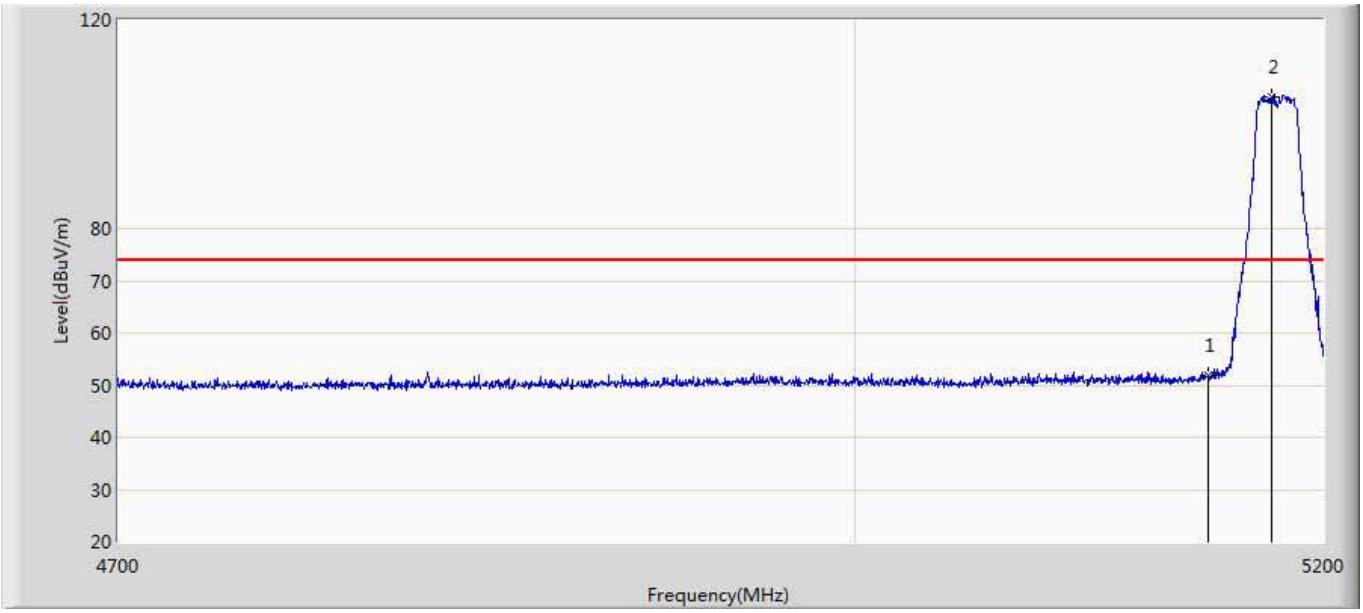
Site: AC5	Time: 2016/12/02 - 18:09
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode6:Transmit at CH5775 by 802.11ac80	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5644.200	67.067	26.073	-0.933	68.200	40.995	PK
2		5652.000	67.616	26.625	-2.064	69.680	40.991	PK
3		5768.400	113.470	72.317	-8.730	122.200	41.153	PK
4		5922.200	65.133	23.625	-5.139	70.272	41.508	PK
5		5934.000	63.962	22.391	-4.238	68.200	41.571	PK

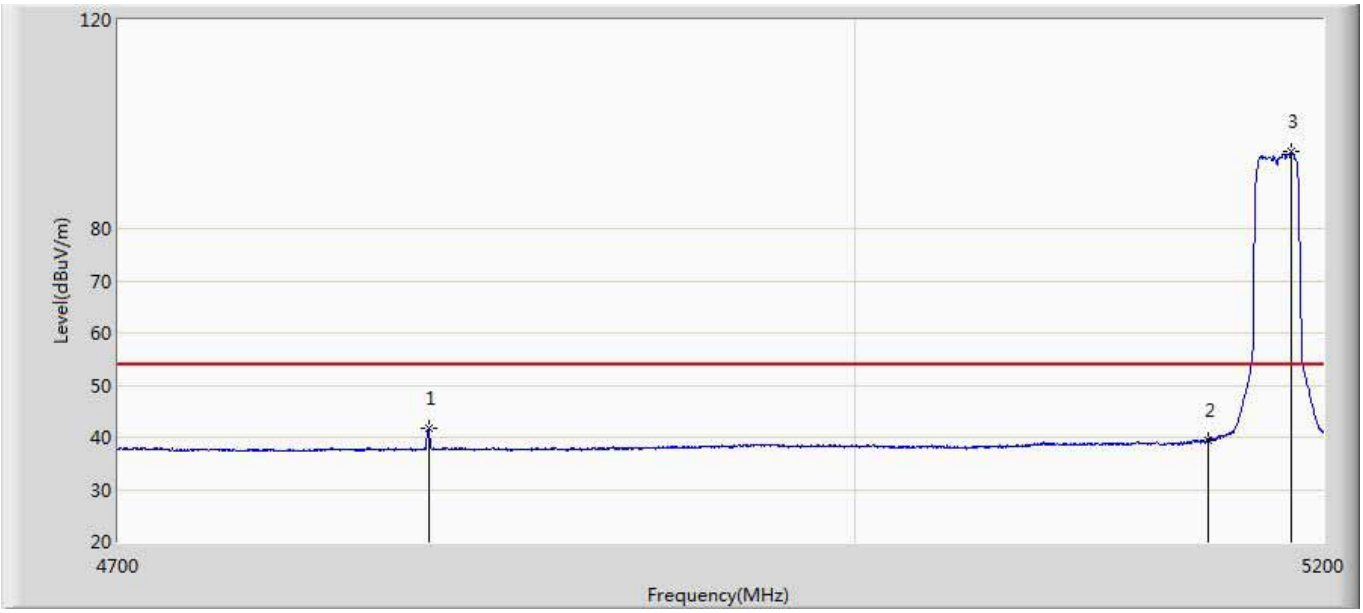
APEX0367 with Beamforming:

Site: AC5	Time: 2016/12/22 - 19:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode 7:Transmit at channel 5180MHz by 11AC20 with Beamforming	



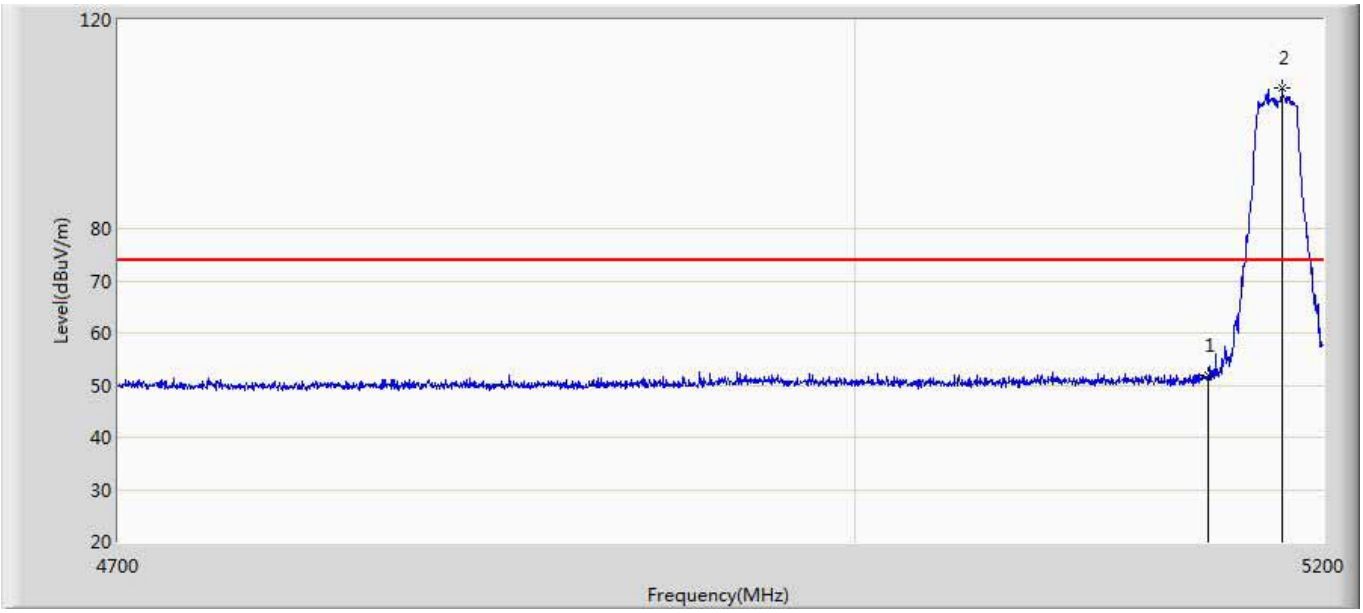
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	51.905	12.371	-22.095	74.000	39.534	PK
2	*	5177.500	105.297	65.708	31.297	74.000	39.589	PK

Site: AC5	Time: 2016/12/22 - 19:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode 7:Transmit at channel 5180MHz by 11AC20 with Beamforming	



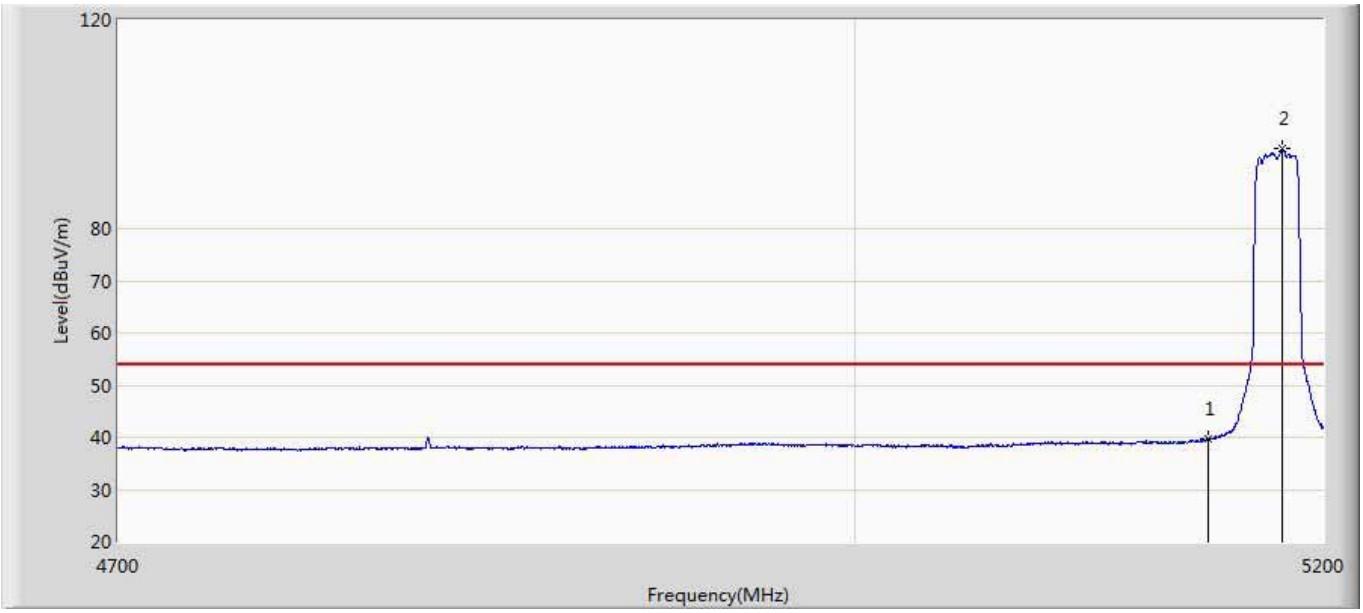
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	41.739	2.540	-12.261	54.000	39.199	AV
2		5150.000	39.541	0.007	-14.459	54.000	39.534	AV
3	*	5186.500	94.714	55.119	40.714	54.000	39.595	AV

Site: AC5	Time: 2016/12/22 - 19:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode 7:Transmit at channel 5180MHz by 11AC20 with Beamforming	



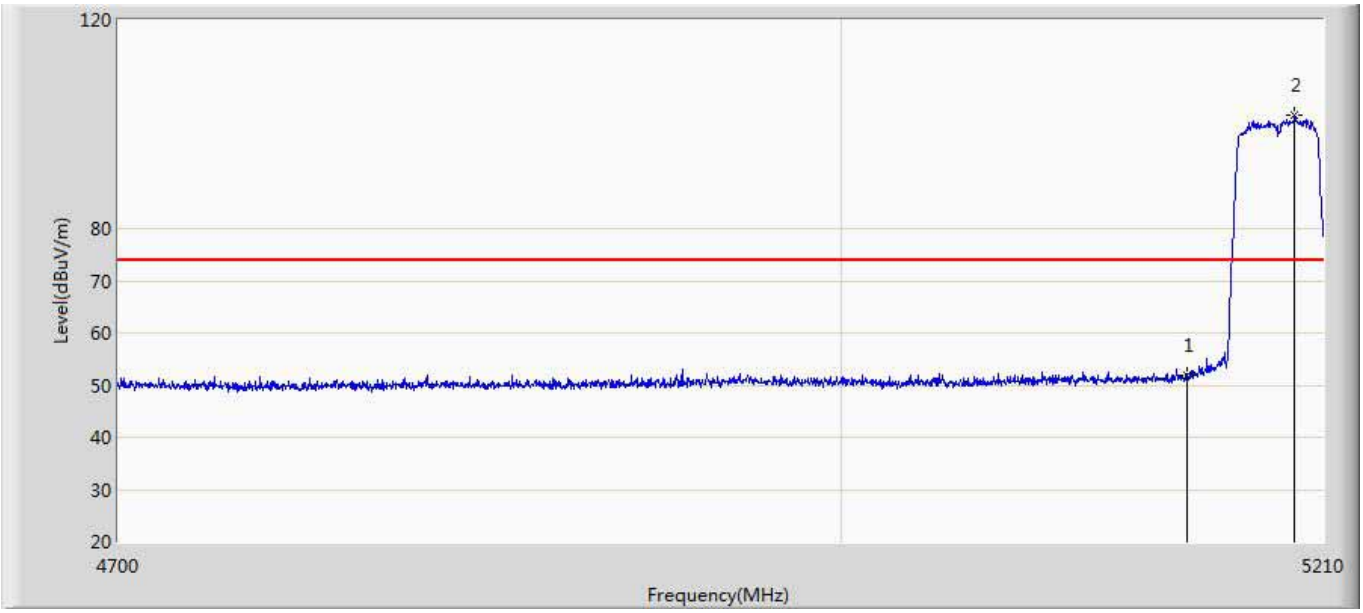
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	51.822	12.288	-22.178	74.000	39.534	PK
2	*	5182.250	106.933	67.377	32.933	74.000	39.556	PK

Site: AC5	Time: 2016/12/22 - 19:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode 7:Transmit at channel 5180MHz by 11AC20 with Beamforming	



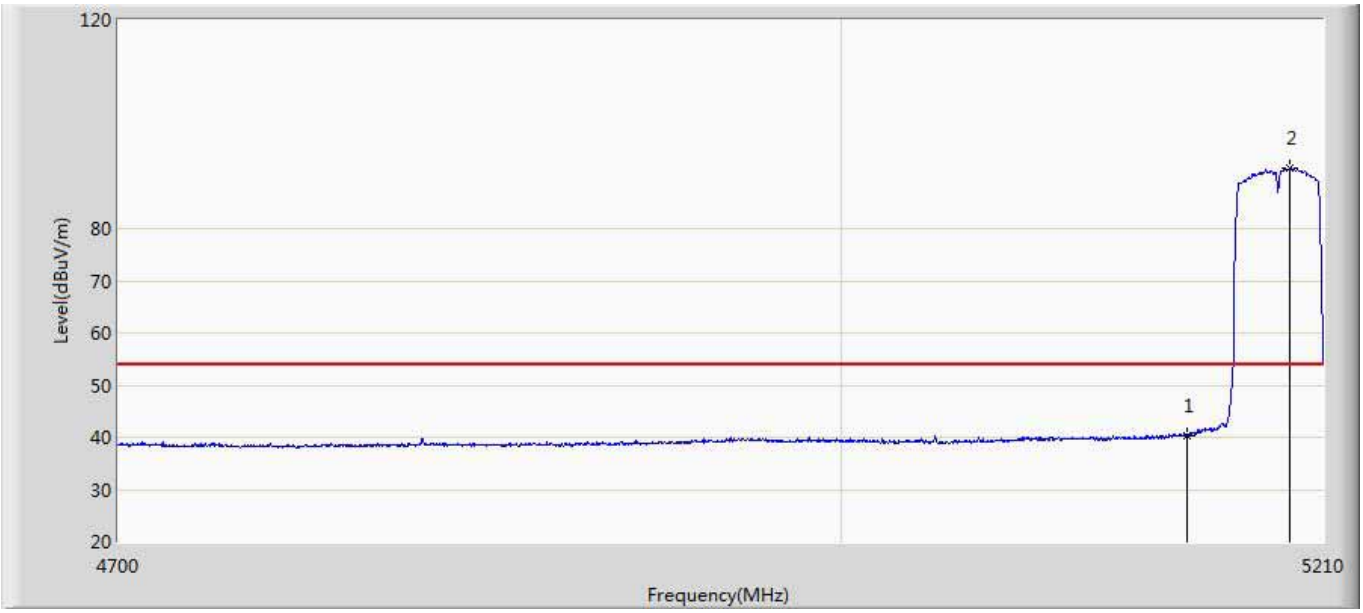
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	39.807	0.273	-14.193	54.000	39.534	AV
2	*	5182.000	95.360	55.806	41.360	54.000	39.554	AV

Site: AC5	Time: 2016/12/22 - 21:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode 8:Transmit at channel 5190MHz by 11AC40 with Beamforming	



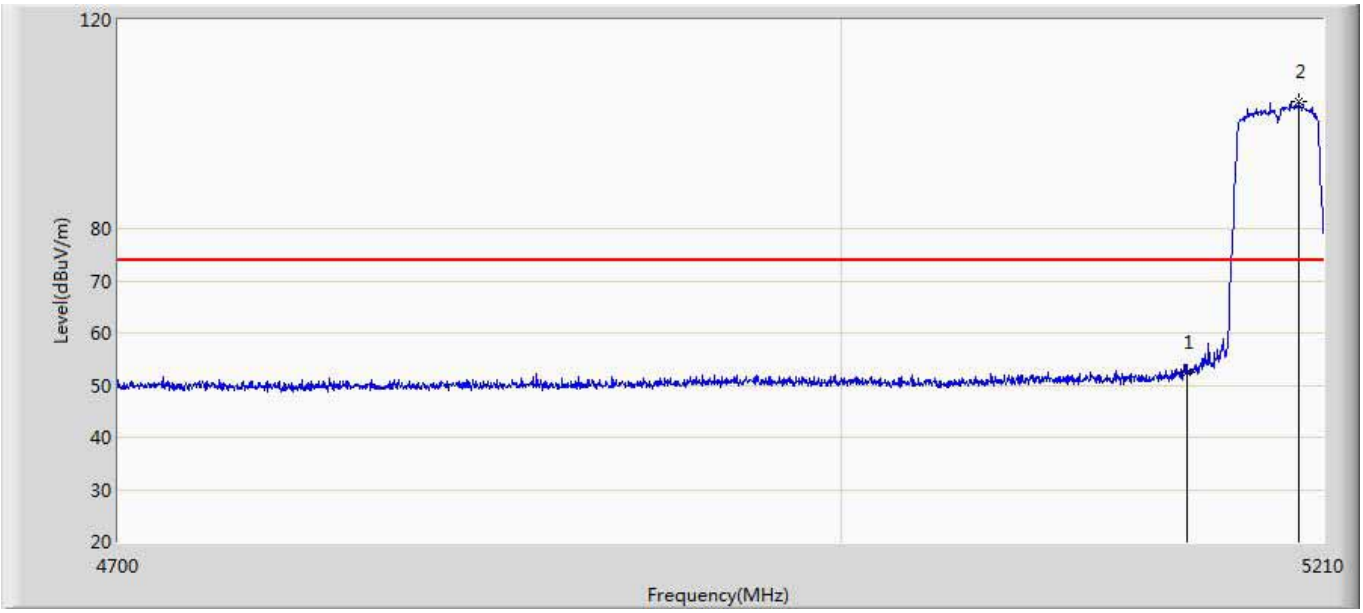
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	51.901	12.367	-22.099	74.000	39.534	PK
2	*	5197.505	101.642	61.947	27.642	74.000	39.695	PK

Site: AC5	Time: 2016/12/22 - 21:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode 8:Transmit at channel 5190MHz by 11AC40 with Beamforming	



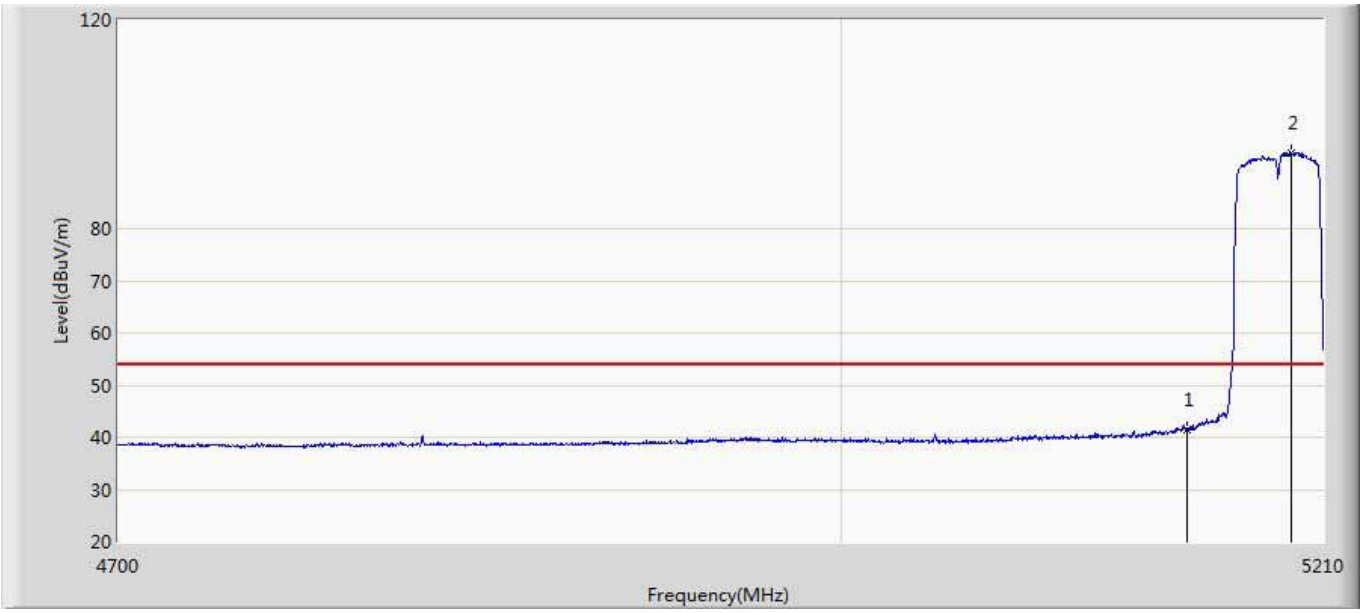
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	40.414	0.880	-13.586	54.000	39.534	AV
2	*	5194.955	91.661	51.989	37.661	54.000	39.672	AV

Site: AC5	Time: 2016/12/22 - 21:07
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode 8:Transmit at channel 5190MHz by 11AC40 with Beamforming	



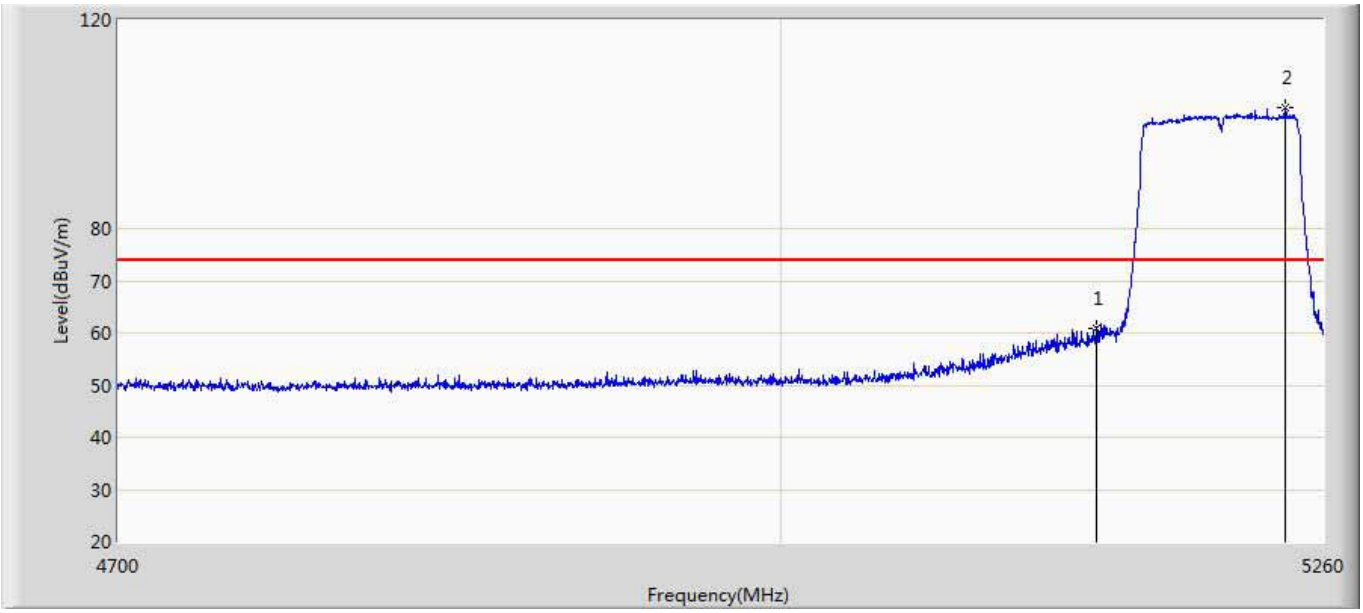
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.411	12.877	-21.589	74.000	39.534	PK
2	*	5199.545	104.323	64.615	30.323	74.000	39.709	PK

Site: AC5	Time: 2016/12/22 - 21:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode 8:Transmit at channel 5190MHz by 11AC40 with Beamforming	



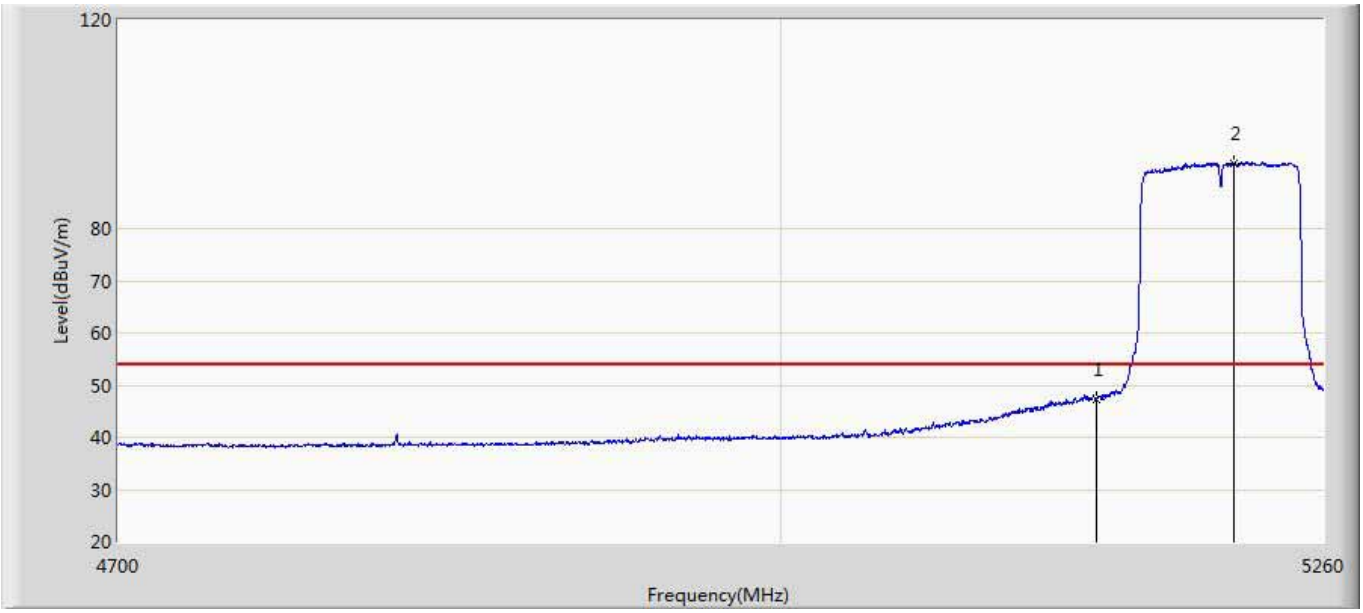
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	41.503	1.969	-12.497	54.000	39.534	AV
2	*	5196.230	94.437	54.754	40.437	54.000	39.683	AV

Site: AC5	Time: 2016/12/22 - 21:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode 9:Transmit at channel 5210MHz by 11AC80 with Beamforming	



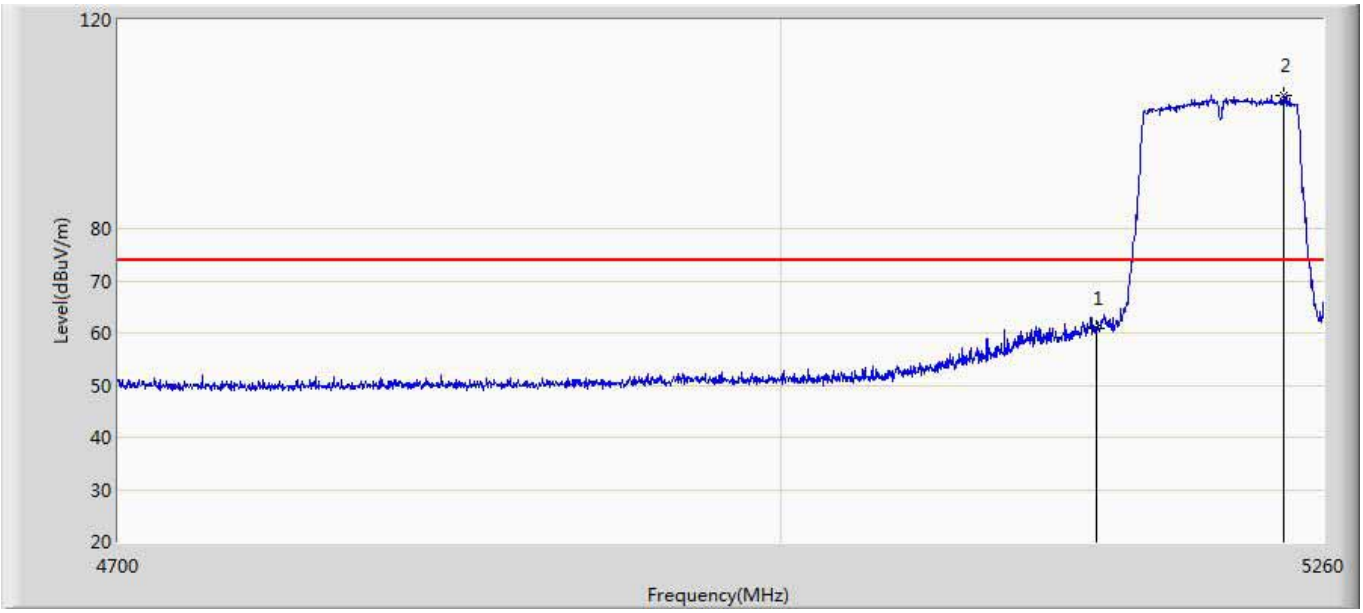
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	60.928	21.394	-13.072	74.000	39.534	PK
2	*	5241.240	103.207	63.462	29.207	74.000	39.745	PK

Site: AC5	Time: 2016/12/22 - 21:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode 9:Transmit at channel 5210MHz by 11AC80 with Beamforming	



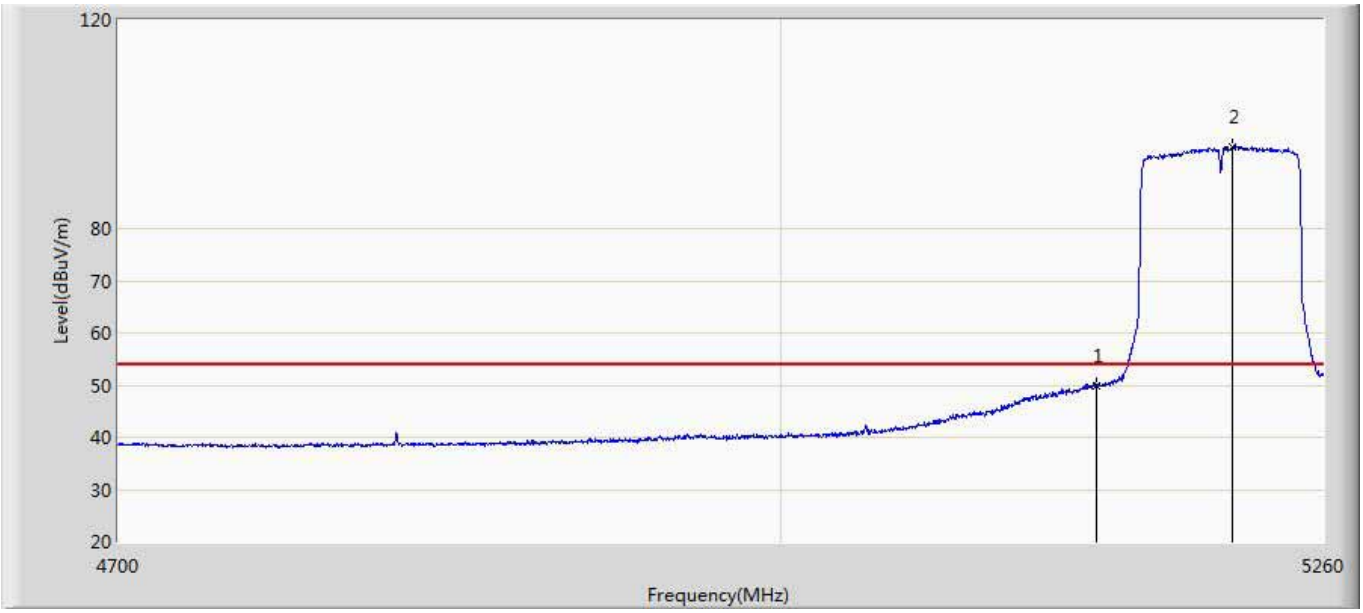
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	47.350	7.816	-6.650	54.000	39.534	AV
2	*	5216.040	92.528	52.818	38.528	54.000	39.710	AV

Site: AC5	Time: 2016/12/22 - 21:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode 9:Transmit at channel 5210MHz by 11AC80 with Beamforming	



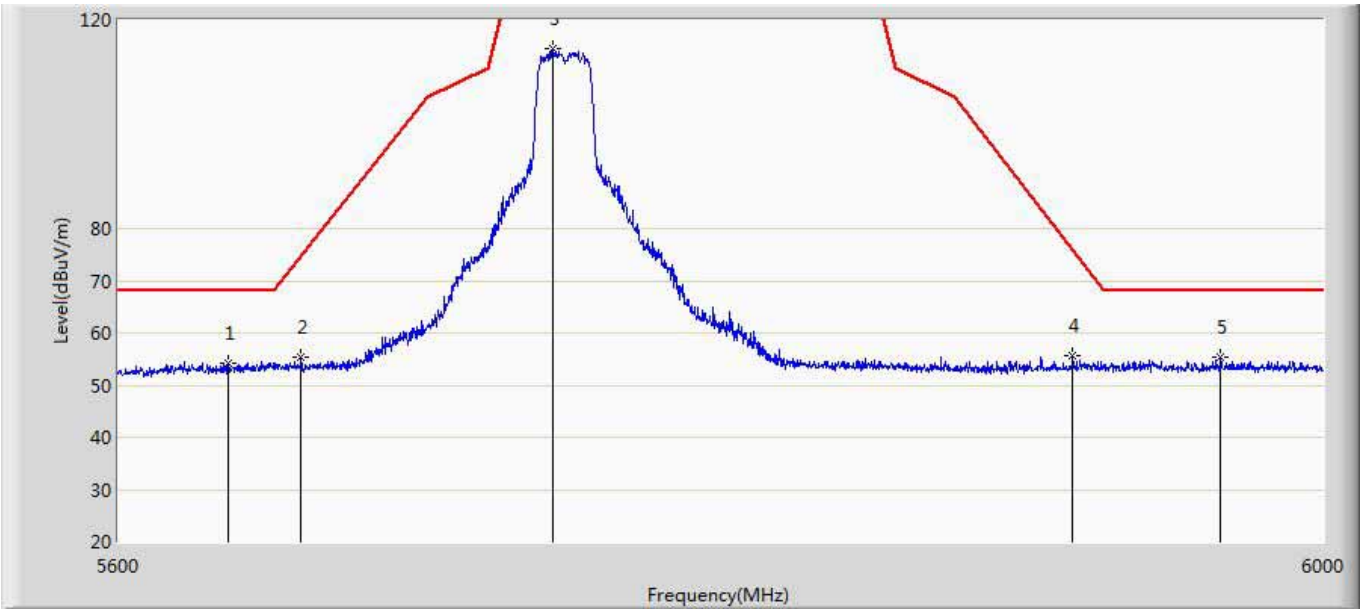
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	60.823	21.289	-13.177	74.000	39.534	PK
2	*	5240.960	105.603	65.862	31.603	74.000	39.741	PK

Site: AC5	Time: 2016/12/22 - 21:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode 9:Transmit at channel 5210MHz by 11AC80 with Beamforming	



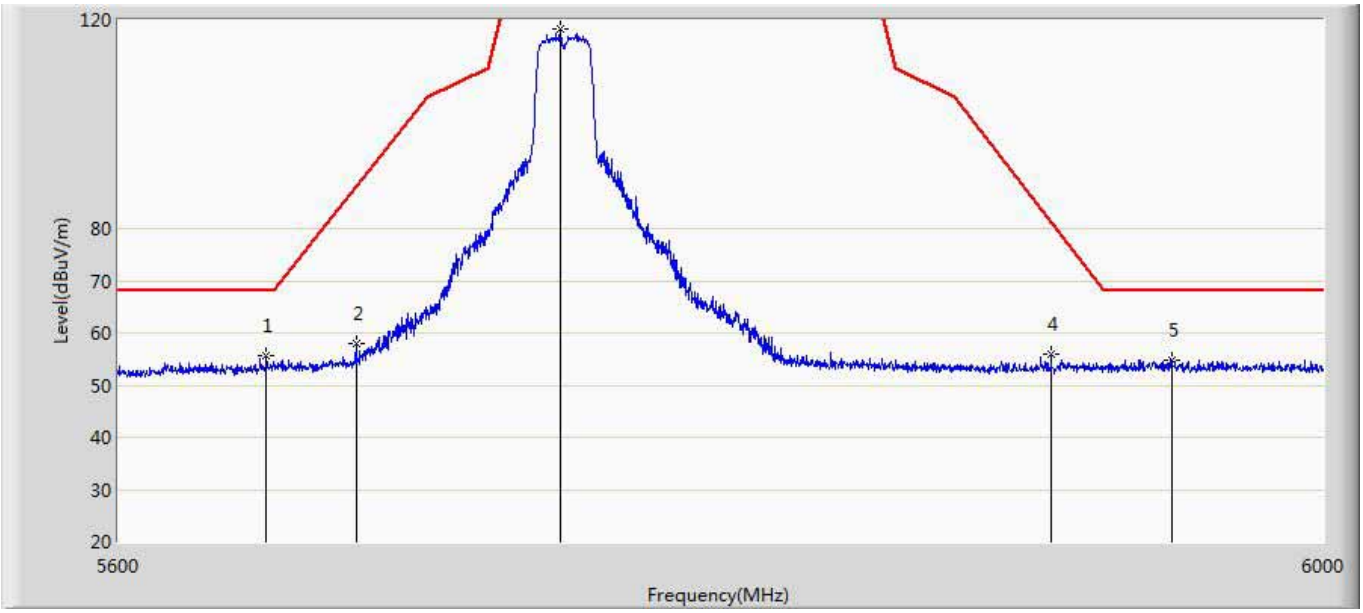
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	49.928	10.394	-4.072	54.000	39.534	AV
2	*	5215.760	95.621	55.911	41.621	54.000	39.711	AV

Site: AC5	Time: 2016/12/22 - 21:16
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode 7:Transmit at channel 5745MHz by 11AC20 with Beamforming	



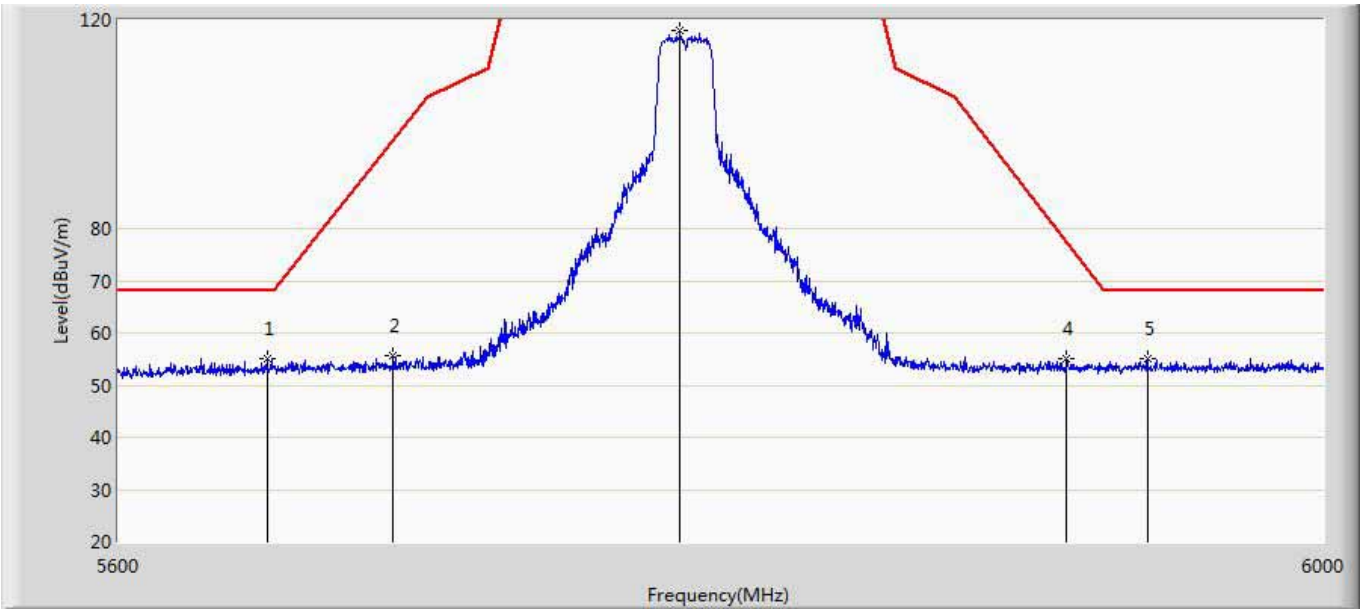
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5635.400	54.251	13.832	-13.949	68.200	40.419	PK
2		5659.000	55.359	14.868	-19.501	74.860	40.490	PK
3	*	5741.000	114.585	74.012	-7.615	122.200	40.573	PK
4		5914.600	55.621	14.581	-20.275	75.896	41.040	PK
5		5965.000	55.358	14.348	-12.842	68.200	41.009	PK

Site: AC5	Time: 2016/12/22 - 21:18
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode 7:Transmit at channel 5745MHz by 11AC20 with Beamforming	



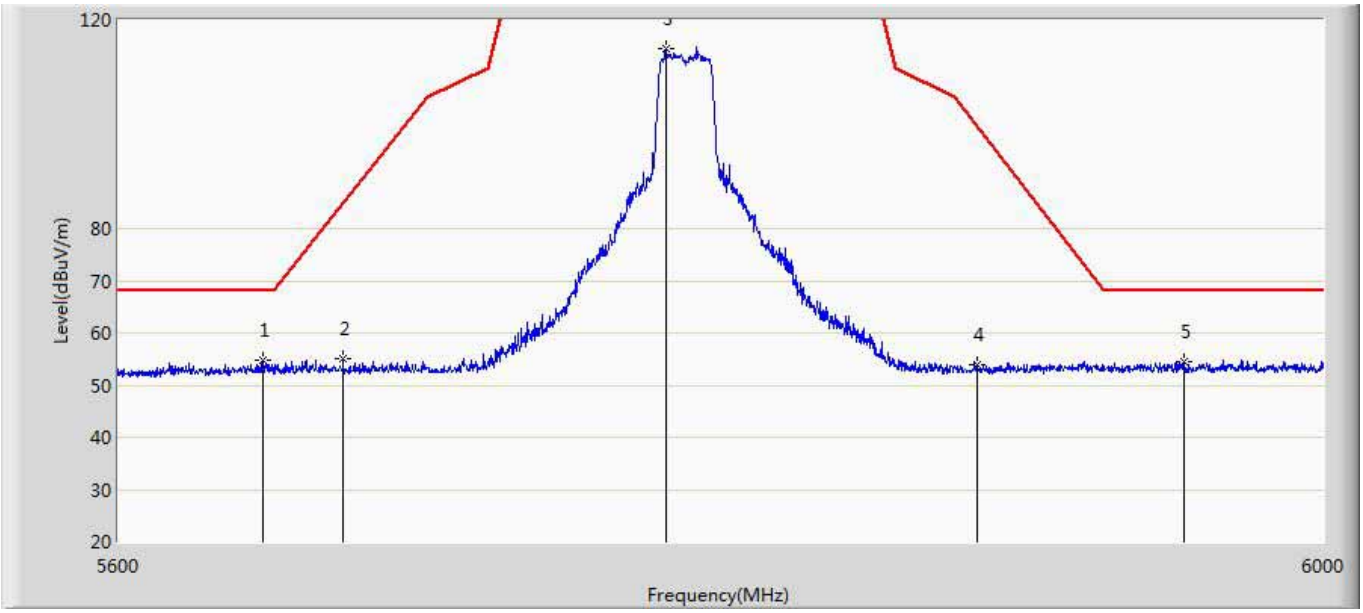
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5647.800	55.628	15.222	-12.572	68.200	40.406	PK
2		5676.800	57.829	17.331	-30.203	88.032	40.499	PK
3	*	5743.600	118.237	77.654	-3.963	122.200	40.584	PK
4		5907.400	55.939	14.956	-25.285	81.224	40.983	PK
5		5948.400	54.788	13.745	-13.412	68.200	41.043	PK

Site: AC5	Time: 2016/12/22 - 21:19
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode 7:Transmit at channel 5785MHz by 11AC20 with Beamforming	



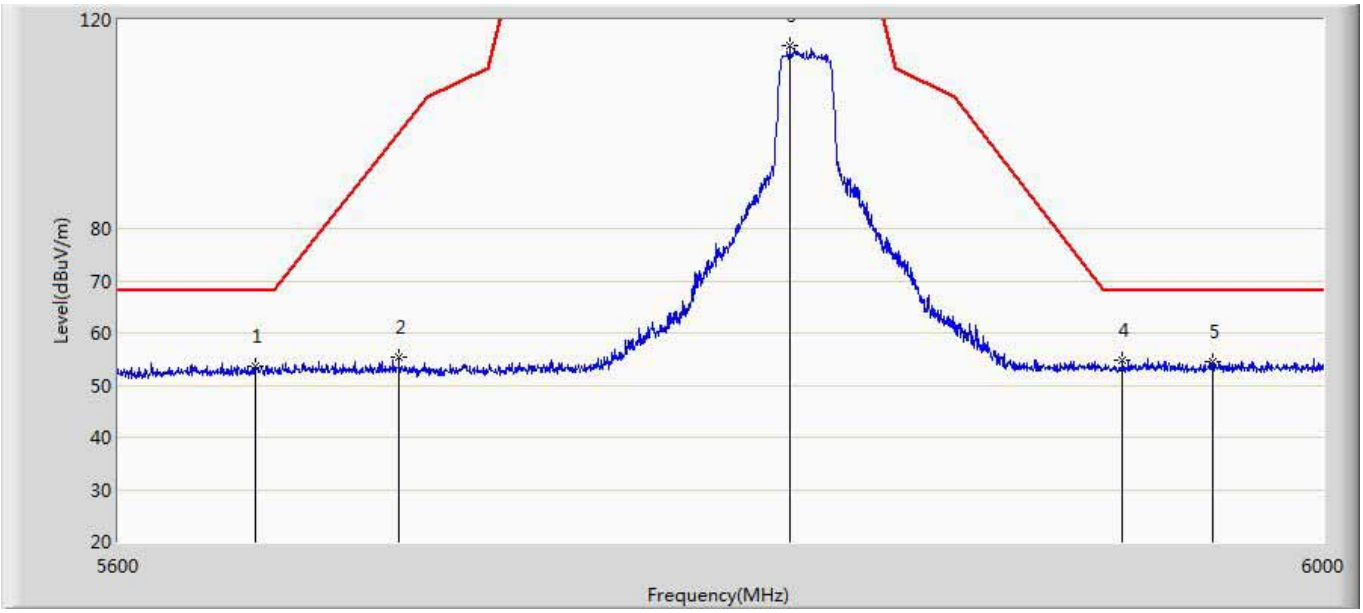
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5648.000	55.056	14.649	-13.144	68.200	40.408	PK
2		5689.000	55.633	15.117	-41.427	97.060	40.516	PK
3	*	5783.200	117.908	77.214	-4.292	122.200	40.694	PK
4		5912.600	55.068	14.017	-22.308	77.376	41.050	PK
5		5940.000	55.213	14.231	-12.987	68.200	40.981	PK

Site: AC5	Time: 2016/12/22 - 21:21
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode 7:Transmit at channel 5785MHz by 11AC20 with Beamforming	



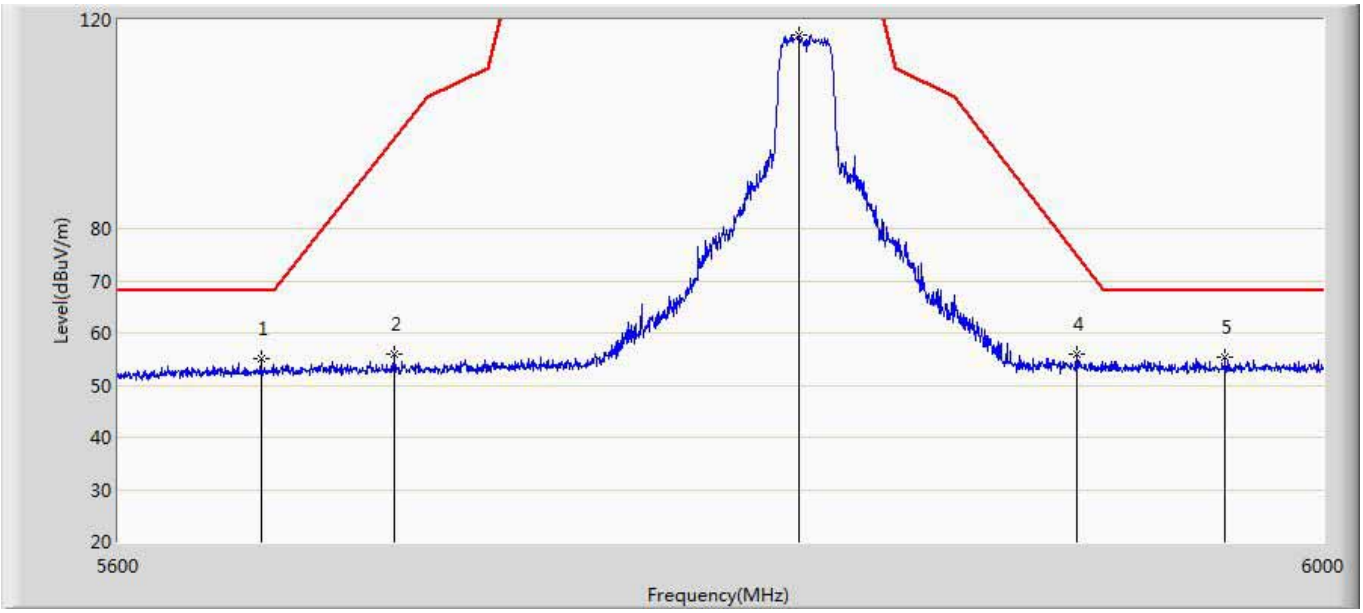
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5646.600	54.823	14.427	-13.377	68.200	40.396	PK
2		5672.600	54.982	14.487	-29.942	84.924	40.495	PK
3	*	5778.400	114.470	73.808	-7.730	122.200	40.662	PK
4		5882.600	54.014	13.187	-45.562	99.576	40.827	PK
5		5952.600	54.631	13.597	-13.569	68.200	41.034	PK

Site: AC5	Time: 2016/12/22 - 21:22
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode 7:Transmit at channel 5825MHz by 11AC20 with Beamforming	



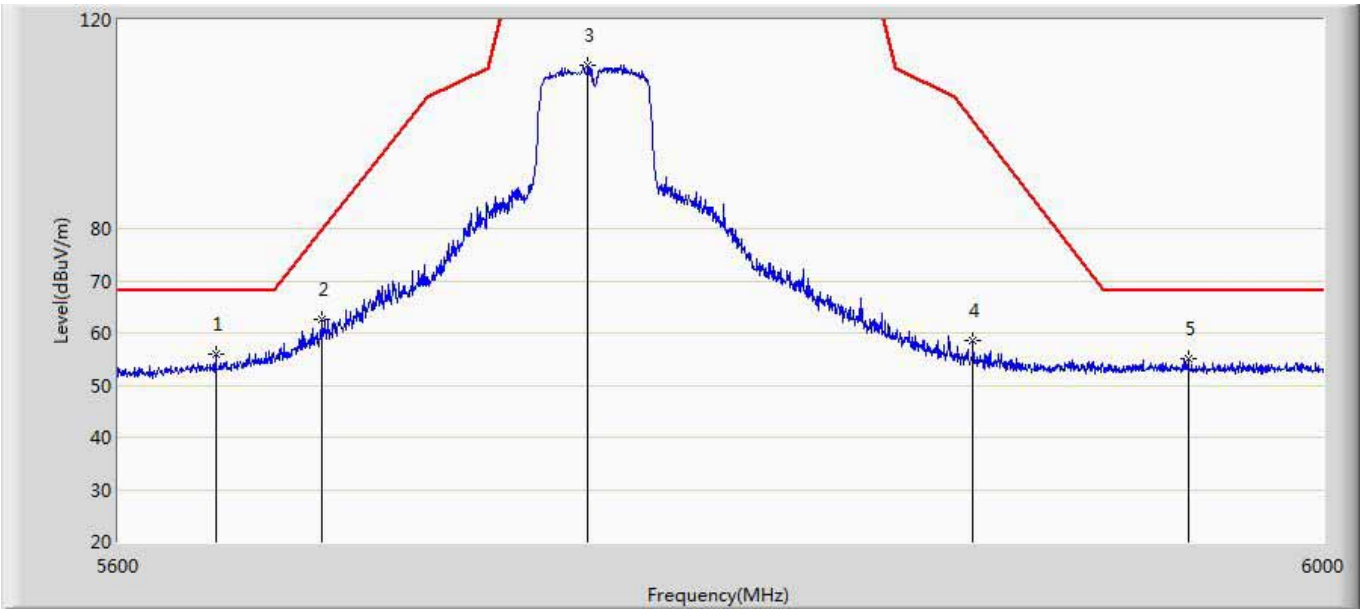
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5644.200	53.715	13.339	-14.485	68.200	40.376	PK
2		5690.800	55.268	14.749	-43.124	98.392	40.519	PK
3	*	5819.600	115.111	74.368	-7.089	122.200	40.743	PK
4		5931.600	54.841	13.937	-13.359	68.200	40.904	PK
5		5962.400	54.384	13.373	-13.816	68.200	41.012	PK

Site: AC5	Time: 2016/12/22 - 21:23
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode 7:Transmit at channel 5825MHz by 11AC20 with Beamforming	



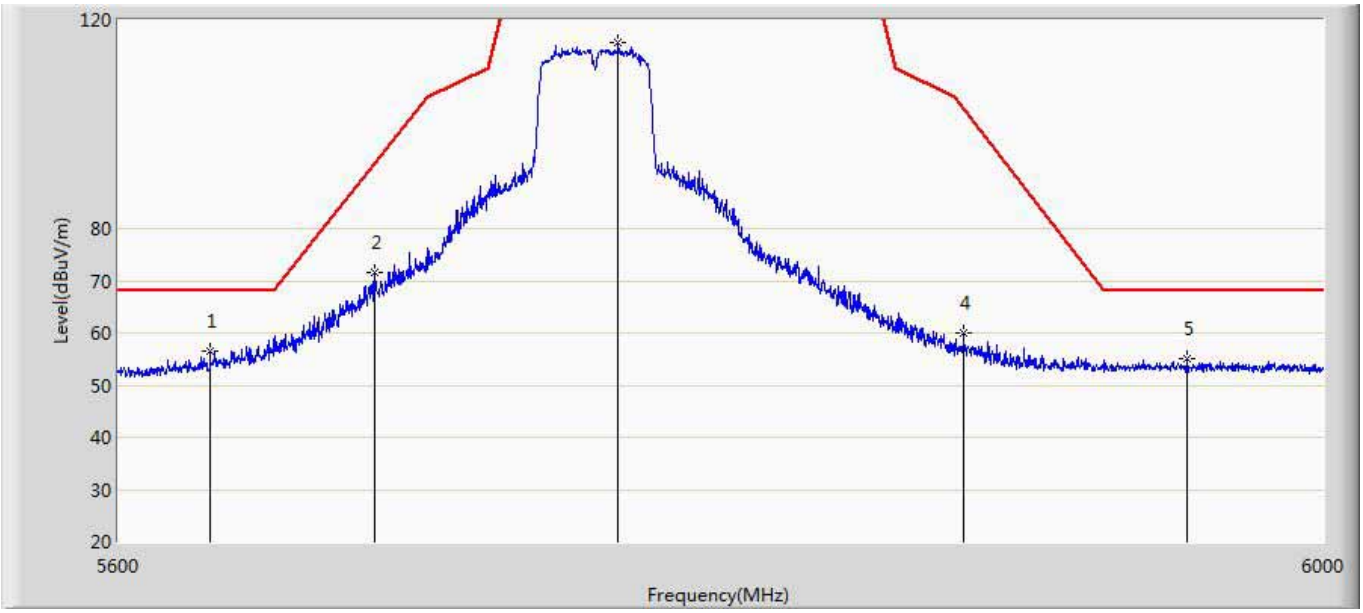
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5646.000	54.938	14.547	-13.262	68.200	40.391	PK
2		5689.200	55.960	15.444	-41.248	97.208	40.516	PK
3	*	5822.600	117.089	76.356	-5.111	122.200	40.732	PK
4		5915.800	55.931	14.903	-19.077	75.008	41.028	PK
5		5966.600	55.340	14.327	-12.860	68.200	41.013	PK

Site: AC5	Time: 2016/12/22 - 21:24
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode 8:Transmit at channel 5755MHz by 11AC40 with Beamforming	



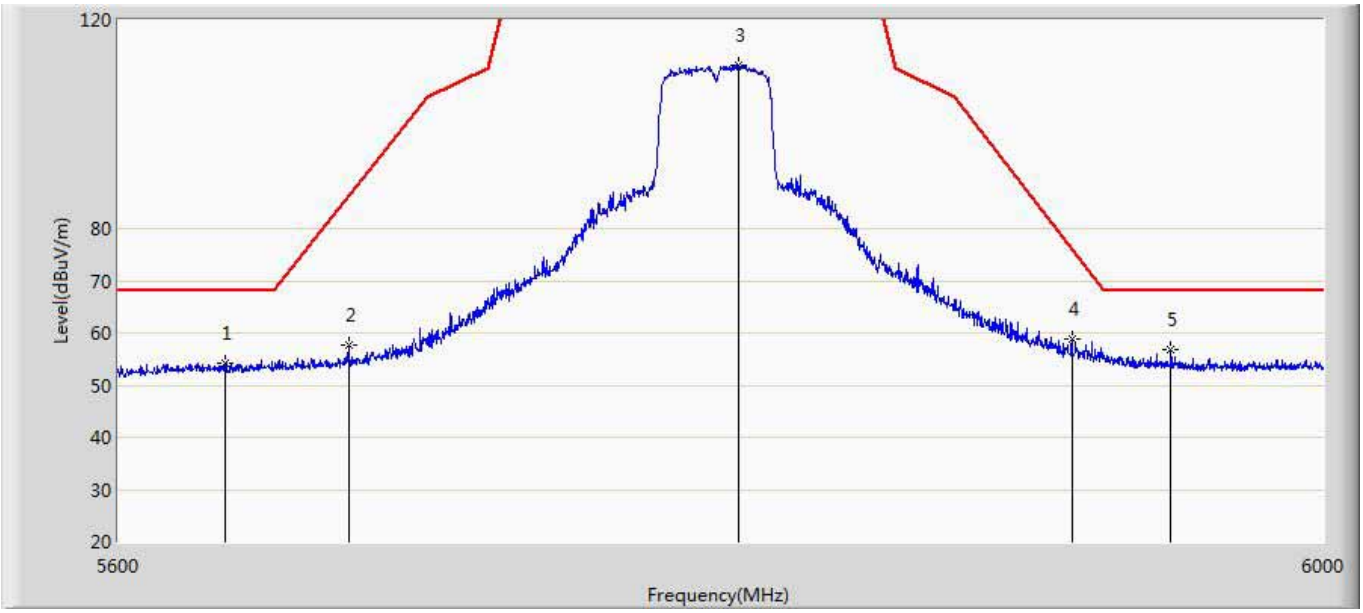
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5631.400	55.846	15.377	-12.354	68.200	40.469	PK
2		5665.600	62.716	22.223	-17.028	79.744	40.493	PK
3	*	5752.800	111.250	70.646	-10.950	122.200	40.604	PK
4		5881.000	58.539	17.713	-42.221	100.760	40.826	PK
5		5954.000	55.154	14.124	-13.046	68.200	41.031	PK

Site: AC5	Time: 2016/12/22 - 21:26
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode 8:Transmit at channel 5755MHz by 11AC40 with Beamforming	



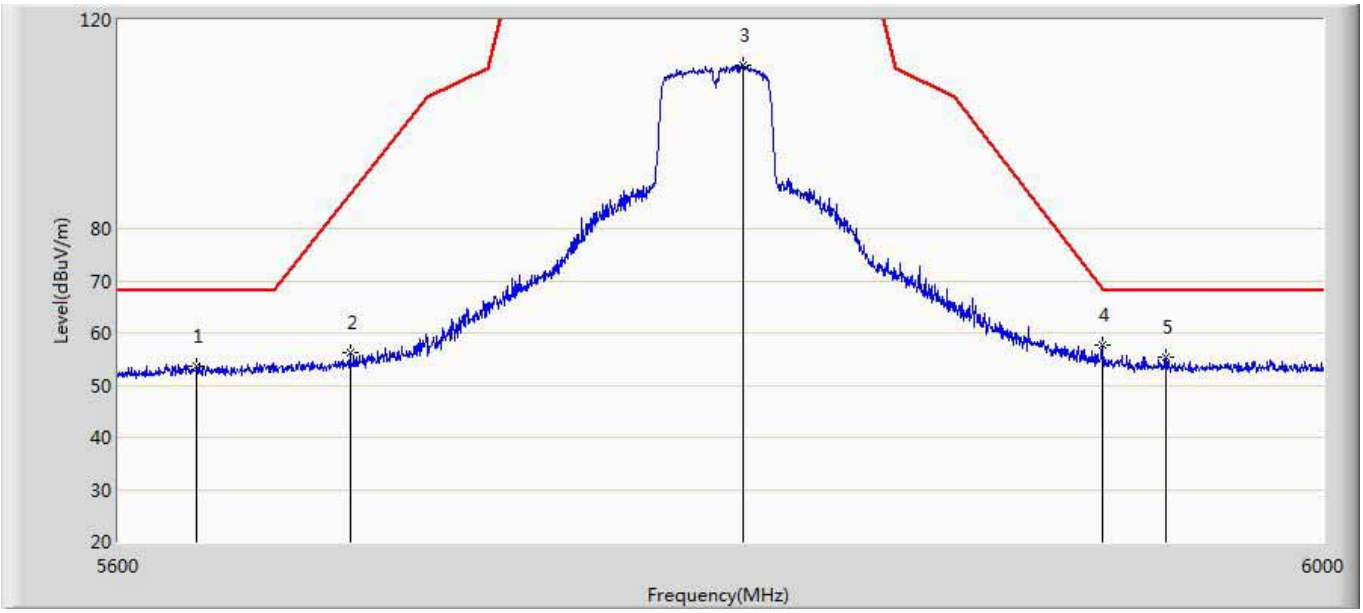
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5629.600	56.627	16.135	-11.573	68.200	40.492	PK
2		5682.800	71.509	31.002	-20.963	92.472	40.507	PK
3	*	5762.800	115.616	74.990	-6.584	122.200	40.626	PK
4		5877.800	60.006	19.179	-43.122	103.128	40.827	PK
5		5953.600	54.956	13.925	-13.244	68.200	41.031	PK

Site: AC5	Time: 2016/12/22 - 21:27
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode 8:Transmit at channel 5795MHz by 11AC40 with Beamforming	



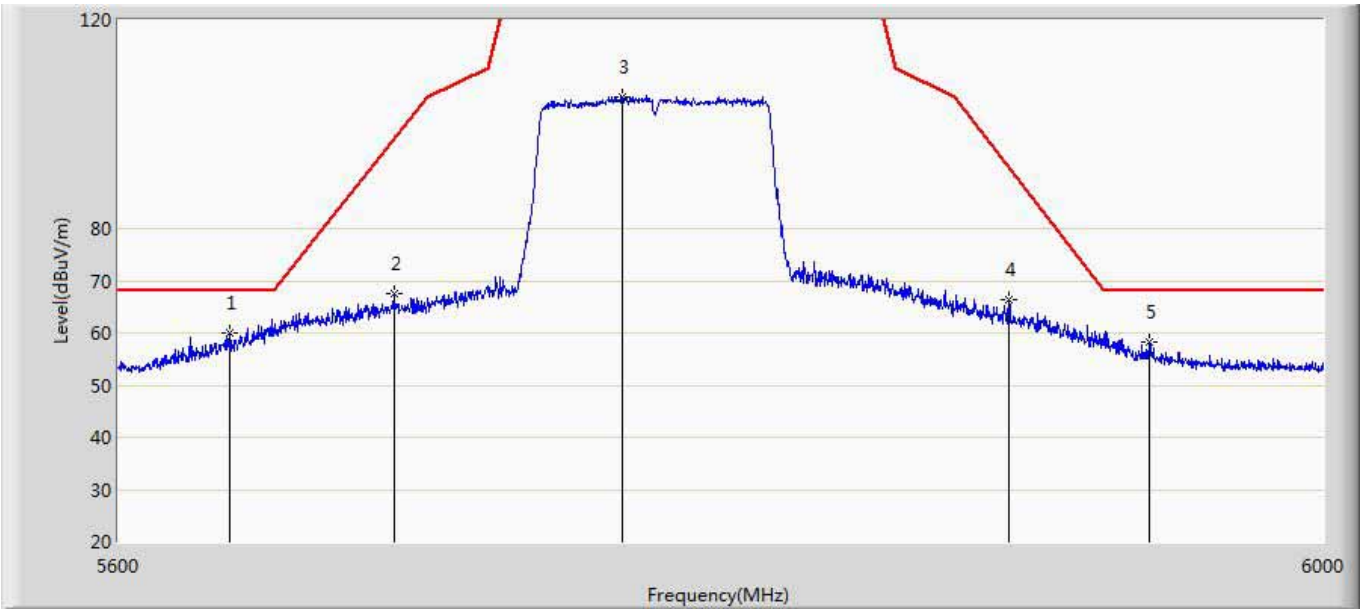
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5634.400	54.073	13.641	-14.127	68.200	40.432	PK
2		5674.400	57.683	17.188	-28.573	86.256	40.495	PK
3	*	5802.800	111.225	70.455	-10.975	122.200	40.770	PK
4		5914.400	58.814	17.772	-17.230	76.044	41.042	PK
5		5948.000	56.832	15.788	-11.368	68.200	41.044	PK

Site: AC5	Time: 2016/12/22 - 21:29
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode 8:Transmit at channel 5795MHz by 11AC40 with Beamforming	



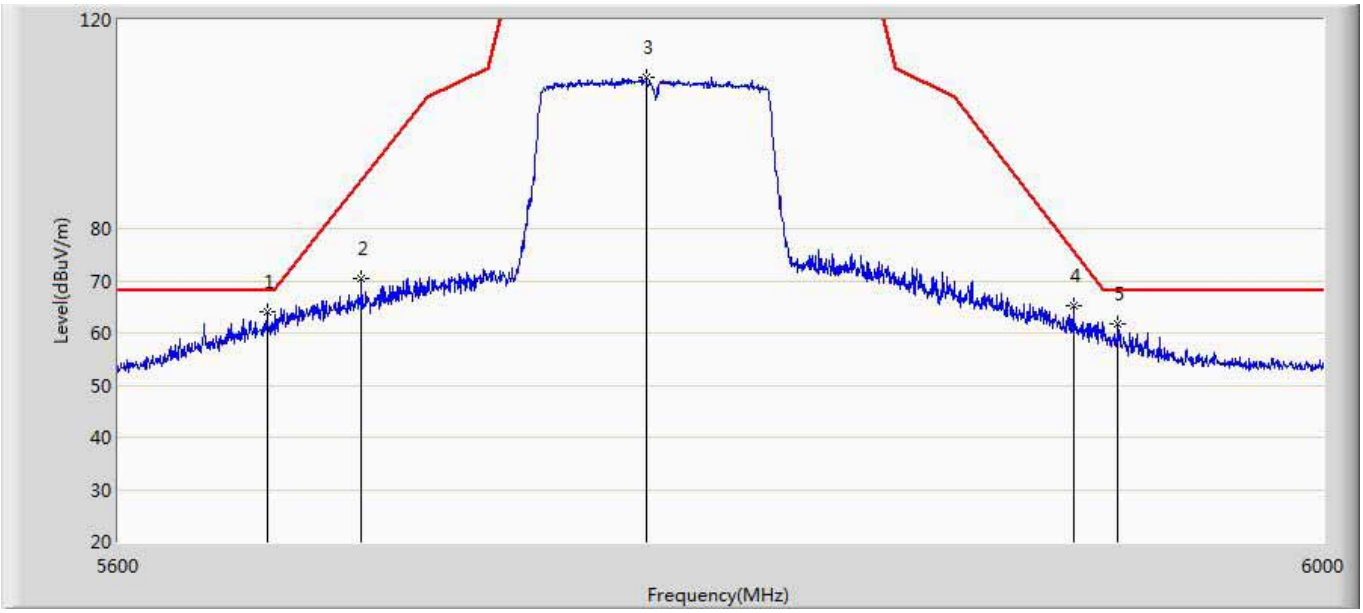
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5625.200	53.735	13.188	-14.465	68.200	40.547	PK
2		5675.000	56.237	15.741	-30.463	86.700	40.496	PK
3		5804.200	111.178	70.407	-11.022	122.200	40.771	PK
4	*	5924.600	57.645	16.703	-10.851	68.496	40.942	PK
5		5946.400	55.400	14.359	-12.800	68.200	41.041	PK

Site: AC5	Time: 2016/12/22 - 21:31
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Access Point	Power: PoE 57V
Note: Mode 9:Transmit at channel 5775MHz by 11AC80 with Beamforming	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5636.000	59.976	19.564	-8.224	68.200	40.412	PK
2		5689.200	67.637	27.121	-29.571	97.208	40.516	PK
3		5764.200	105.316	64.688	-16.884	122.200	40.628	PK
4		5893.200	66.376	25.542	-25.356	91.732	40.834	PK
5		5940.400	58.142	17.157	-10.058	68.200	40.986	PK

Site: AC5	Time: 2016/12/22 - 21:32
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Access Point	Power: PoE 57V
Note: Mode 9:Transmit at channel 5775MHz by 11AC80 with Beamforming	



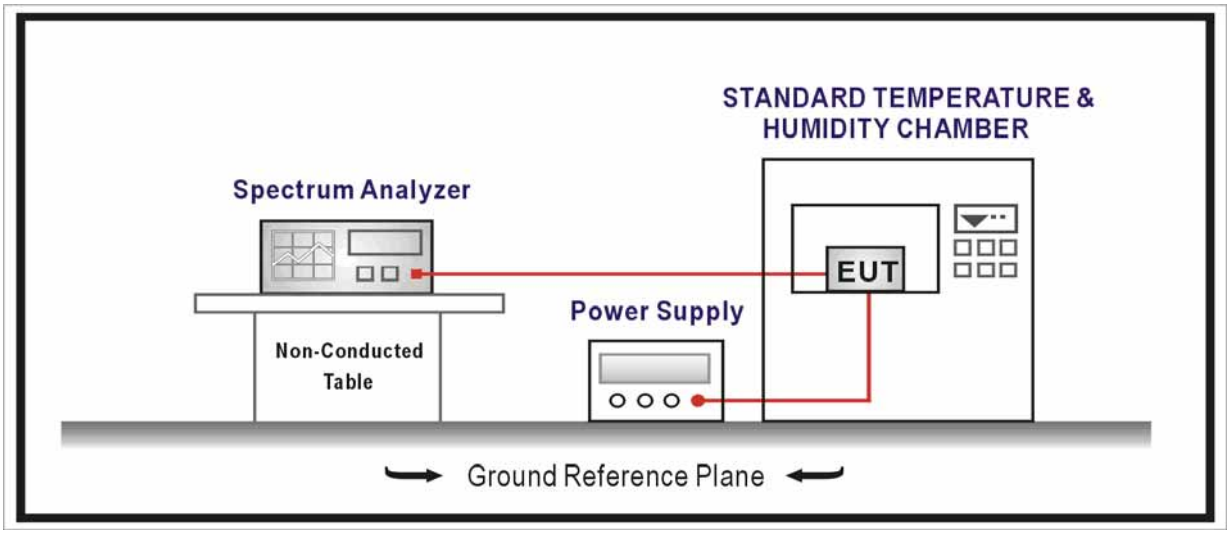
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5648.000	64.197	23.790	-4.003	68.200	40.408	PK
2		5678.600	70.424	29.923	-18.940	89.364	40.501	PK
3		5772.000	109.047	68.404	-13.153	122.200	40.643	PK
4		5914.800	65.106	24.068	-10.642	75.748	41.039	PK
5		5930.000	61.702	20.813	-6.498	68.200	40.889	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	2016.02.04	2017.02.04
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2016.04.09	2017.04.09
MXA Signal Anlyzer	Keysight	N9020A	MY56060147	2016.04.09	2017.04.09
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	2016.04.10	2017.04.10
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

10.2. Test Setup



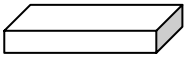
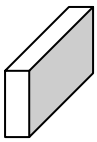
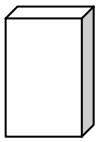
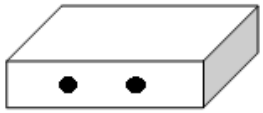
10.3. Limit

Frequency Stability Limit	
UNII Devices	
☒	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	
☒	The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band and ± 25ppm maximum for the 2.4 GHz band.

10.4. Test Procedure

Frequency Stability Test Method				
	References Rule		Chapter	Description
☒	ANSI C63.10		6.8	Frequency stability tests
	☒	ANSI C63.10	6.8.1	Frequency stability with respect to ambient temperature
	☒	ANSI C63.10	6.8.2	Frequency stability when varying supply voltage

10.5. EUT test Axis definition

Item	Frequency Stability			
Device Category	☒	Outdoor AP		
	☐	Indoor AP		
	☐	Fixed point-to-point AP		
	☒	Outdoor fixed point-to-multipoint AP		
	☐	Client		
Test mode	Mode 1-9			
Test method	☐	Radiated		
		X Axis	Y Axis	Z Axis
				
		Worst Axis ☐	Worst Axis ☐	Worst Axis ☐
	☒	Conducted		
	☐	Chain 1		
	☒	Chain 1	Chain 2	
				
	☐	Chain 1	Chain 2	Chain 3

10.6. Test Result

Product Name	:	Access Point	Power	:	PoE 57V
Model No.	:	APEX0365	Test Site	:	TR7
Test Mode	:	Carrier Wave	Test Date	:	2016.12.12

Frequency Stability under Temperature

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

Frequency Stability under Voltage

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

Product Name	:	Access Point	Power	:	PoE 57V
Module No.	:	APEX0367	Test Site	:	TR7
Test Mode	:	Carrier Wave	Test Date	:	2016.12.7

Frequency Stability under Temperature

Temperature Interval (℃)	Test Frequency (MHz)	Deviation (Hz)	Deviation (ppm)
-30	5180.000	161	0.0311
-20	5180.000	-132	-0.0255
-10	5180.000	-152	-0.0293
0	5180.000	104	0.0201
10	5180.000	96	0.0185
20	5180.000	-72	-0.0139
30	5180.000	108	0.0208
40	5180.000	-120	-0.0232
50	5180.000	-125	-0.0241
-30	5785.000	-118	-0.0204
-20	5785.000	134	0.0232
-10	5785.000	123	0.0213
0	5785.000	96	0.0166
10	5785.000	103	0.0178
20	5785.000	89	0.0154
30	5785.000	165	0.0285
40	5785.000	178	0.0308
50	5785.000	99	0.0171

Frequency Stability under Voltage

AC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)	Deviation (ppm)
93.5	5180.000	155	0.0299
110	5180.000	116	0.0224
126.5	5180.000	127	0.0245
93.5	5785.000	-103	-0.0178
110	5785.000	151	0.0261
126.5	5785.000	-116	-0.0201

11. Antenna Requirement

11.1. Limit

Antenna Requirement Limit
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.

11.2. Antenna Connector Construction

Antenna Connector Construction	
☐	The use of a permanently attached antenna
☐	The antenna use of a unique coupling to the intentional radiator
☒	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