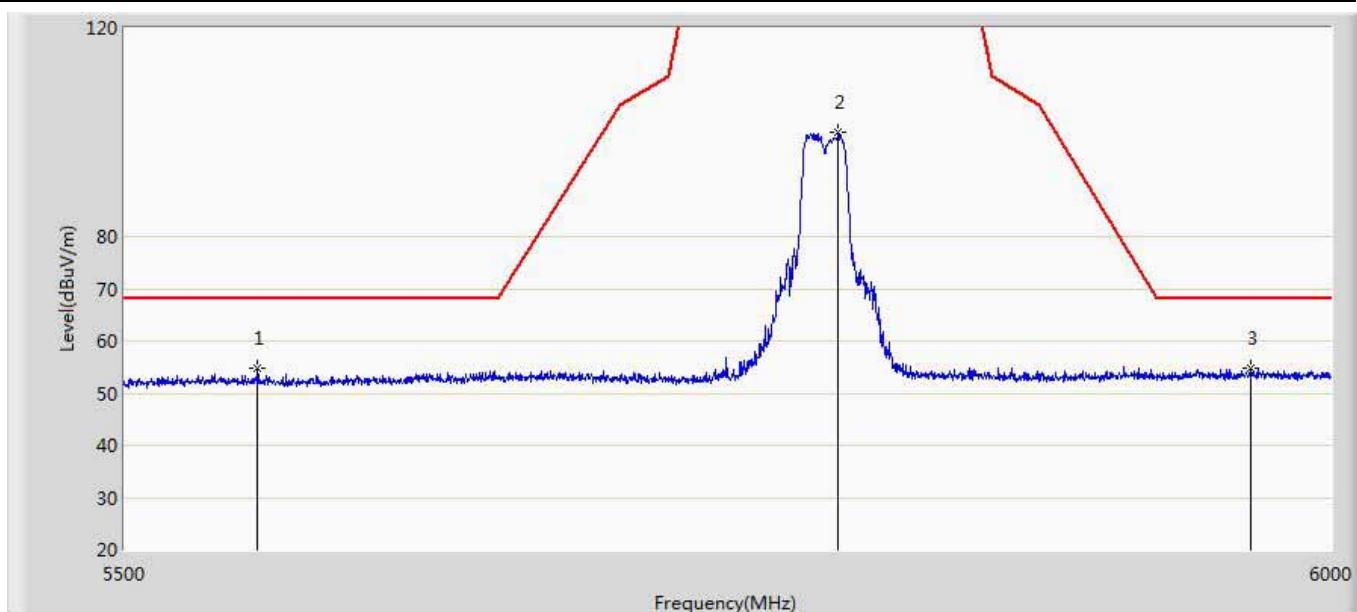
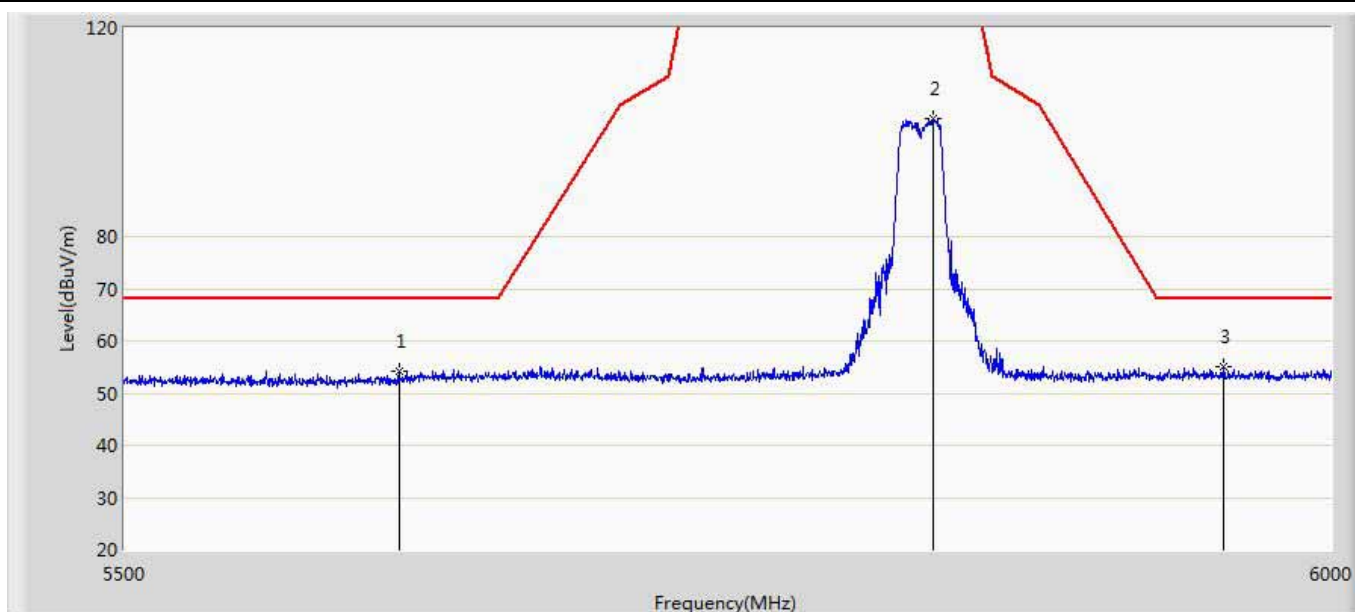


Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 19:02
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 1:Transmit 5785MHz by 11n20 Ant1+2+3	



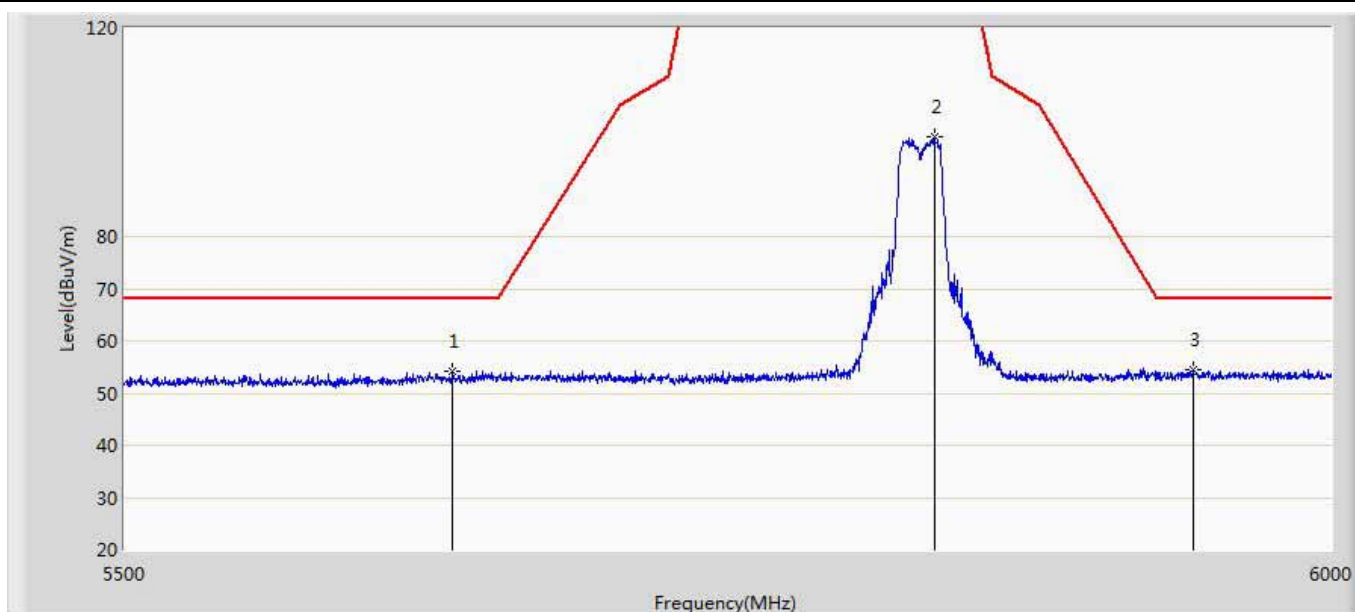
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5553.250	54.687	14.504	-13.513	68.200	40.183	PK
2		5790.750	100.041	59.296	-22.159	122.200	40.744	PK
3	*	5965.500	54.706	13.695	-13.494	68.200	41.011	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 19:05
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 1:Transmit 5825MHz by 11n20 Ant1+2+3	



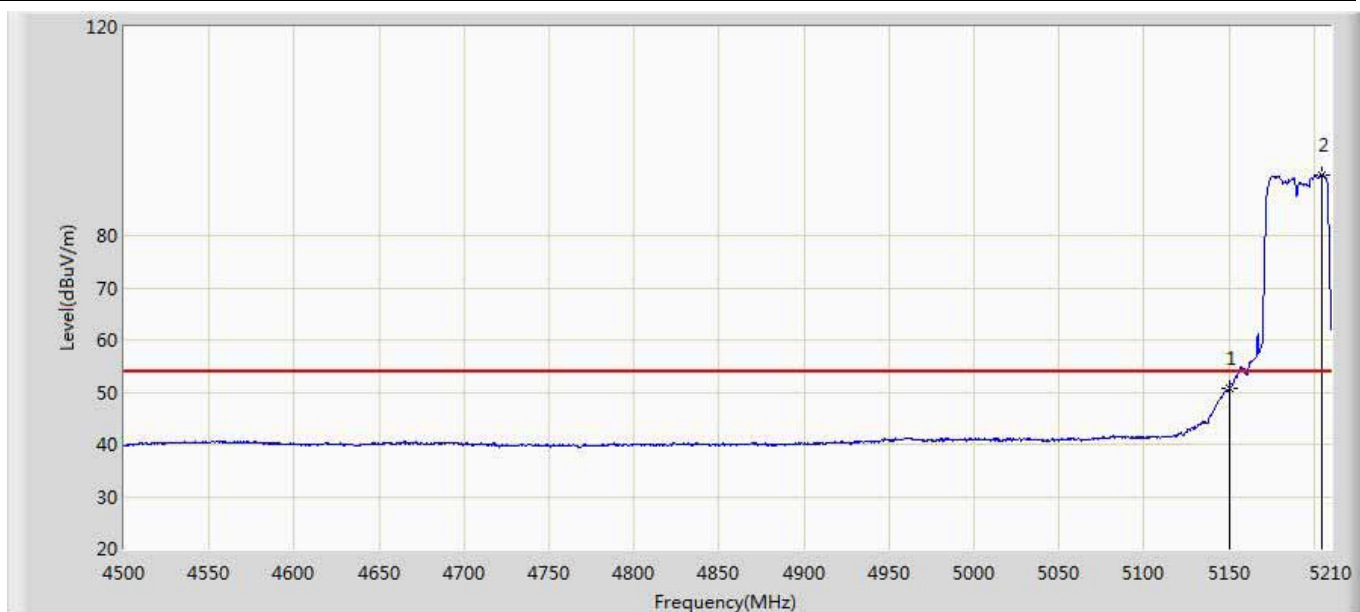
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5610.250	54.345	14.004	-13.855	68.200	40.342	PK
2		5830.250	102.589	61.859	-19.611	122.200	40.730	PK
3	*	5954.000	55.023	13.993	-13.177	68.200	41.031	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 19:27
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 1:Transmit 5825MHz by 11n20 Ant1+2+3	



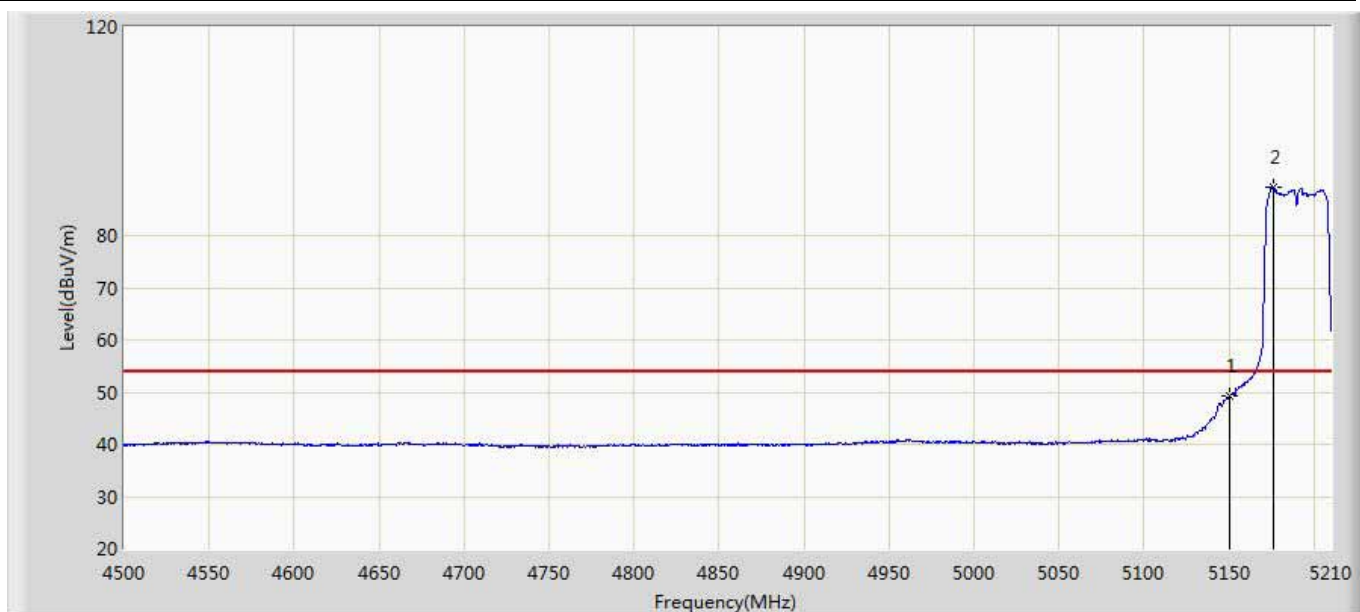
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5631.750	54.324	13.859	-13.876	68.200	40.464	PK
2		5830.750	99.095	58.361	-23.105	122.200	40.734	PK
3	*	5940.750	54.351	13.362	-13.849	68.200	40.988	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 07:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 2:Transmit 5190MHz by 11n40 Ant1+2+3	



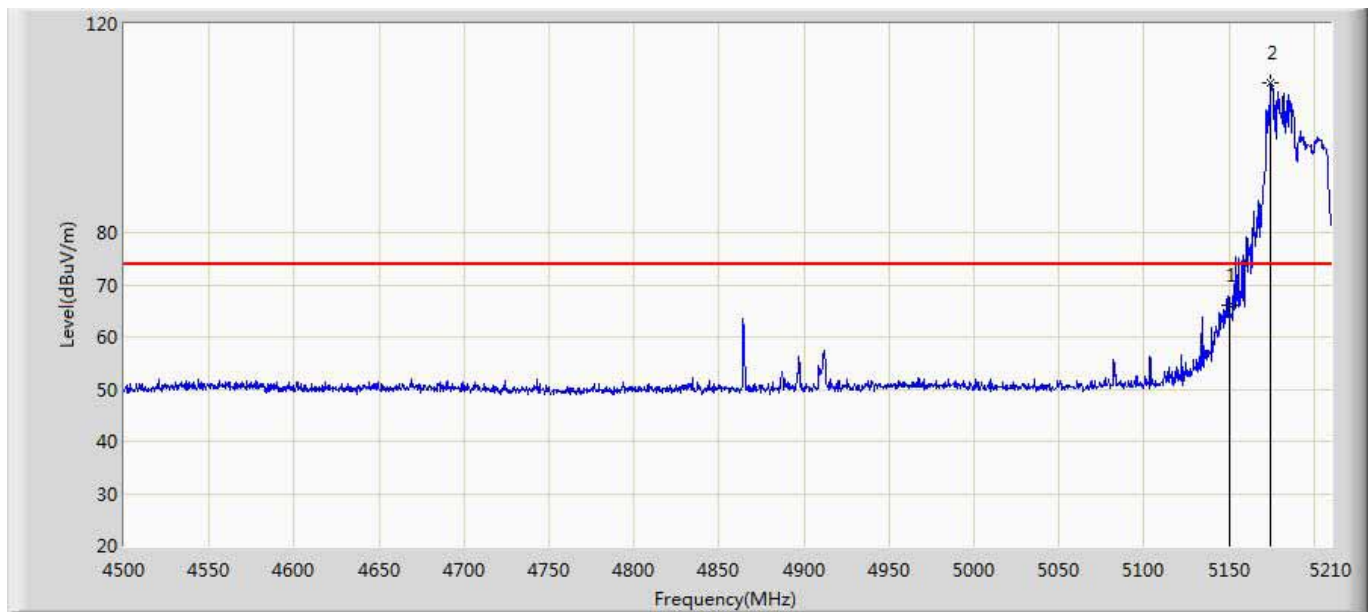
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.631	11.097	-3.369	54.000	39.534	AV
2	*	5204.320	91.607	51.898	37.607	54.000	39.709	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 07:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 2:Transmit 5190MHz by 11n40 Ant1+2+3	



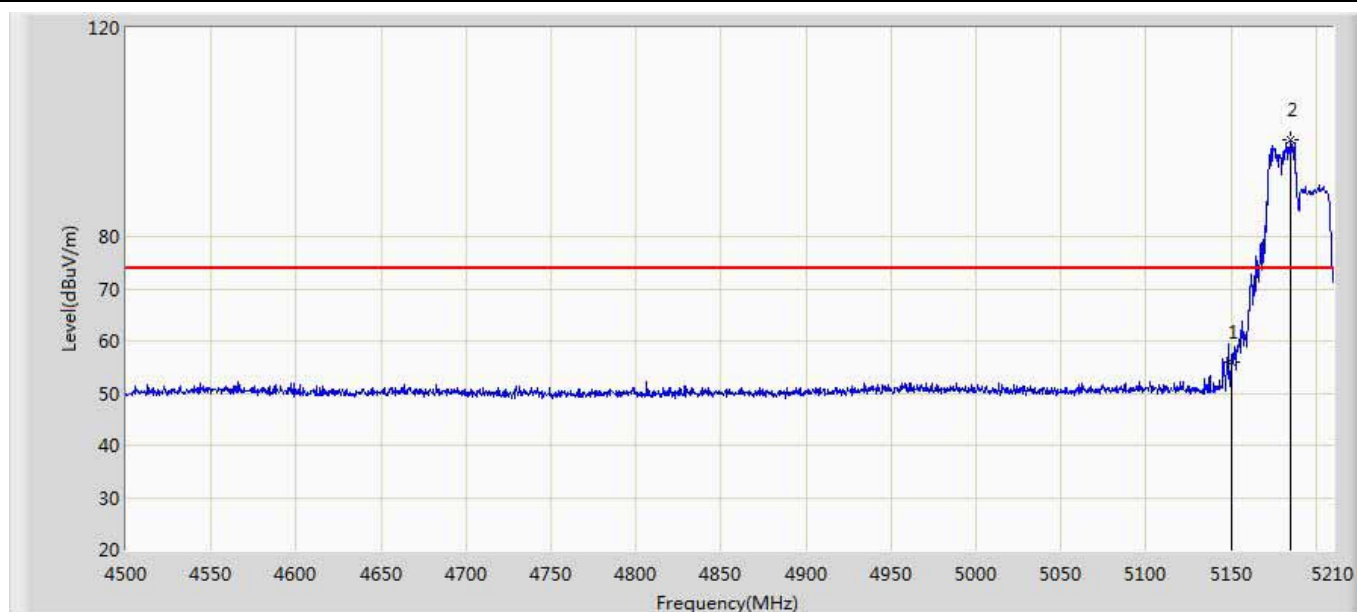
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	49.237	9.703	-4.763	54.000	39.534	AV
2	*	5176.275	89.195	49.597	35.195	54.000	39.598	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 07:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 2:Transmit 5190MHz by 11n40 Ant1+2+3	



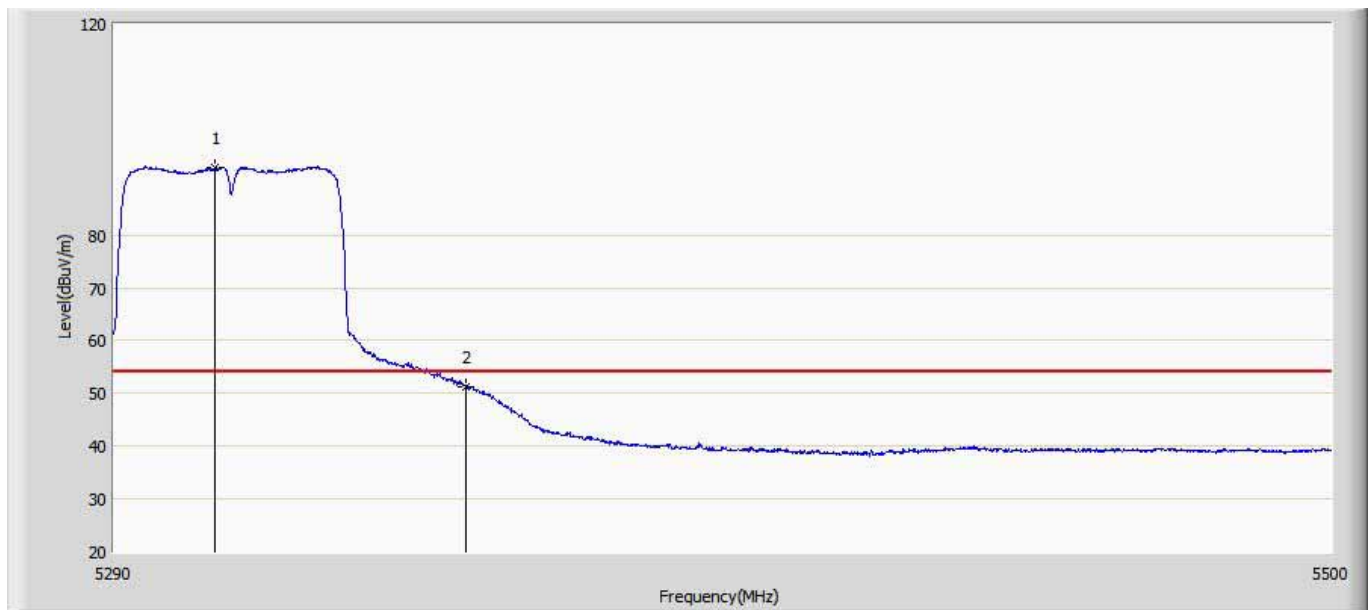
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	66.066	26.532	-7.934	74.000	39.534	PK
2	*	5174.500	108.730	69.118	34.730	74.000	39.612	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 07:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 2:Transmit 5190MHz by 11n40 Ant1+2+3	



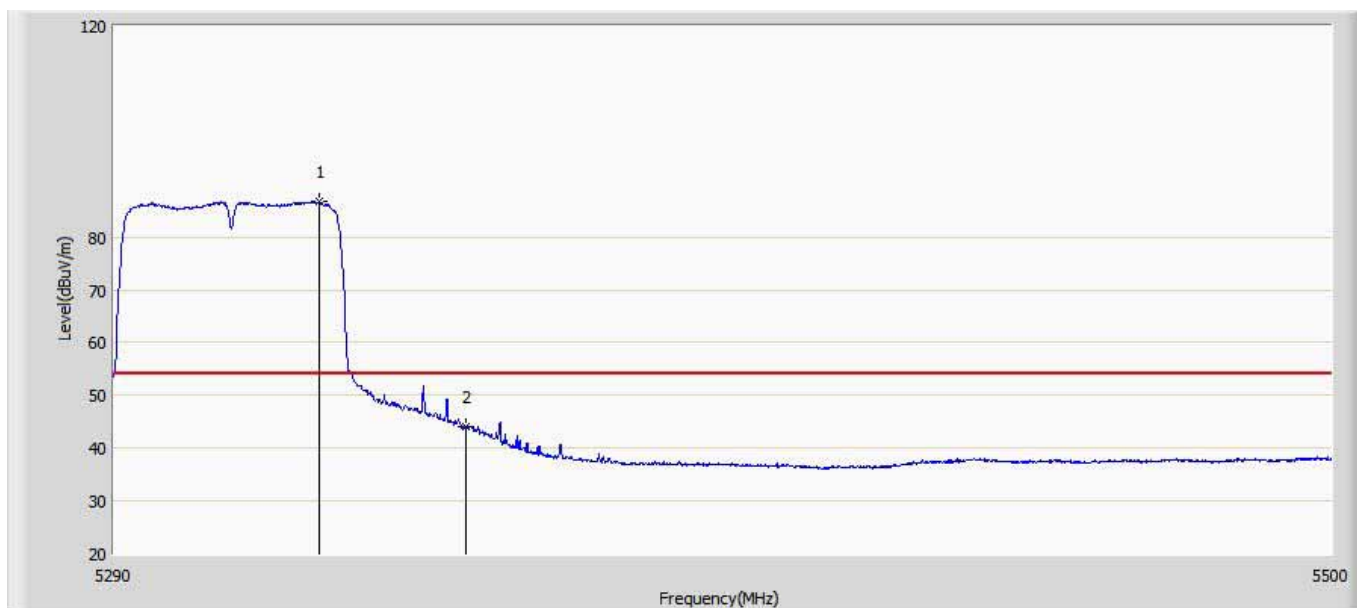
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	56.041	16.507	-17.959	74.000	39.534	PK
2	*	5185.505	98.544	58.958	24.544	74.000	39.586	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/07 - 16:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5310MHz by 802.11n40 Ant1+2+3 Ant1+2+3	



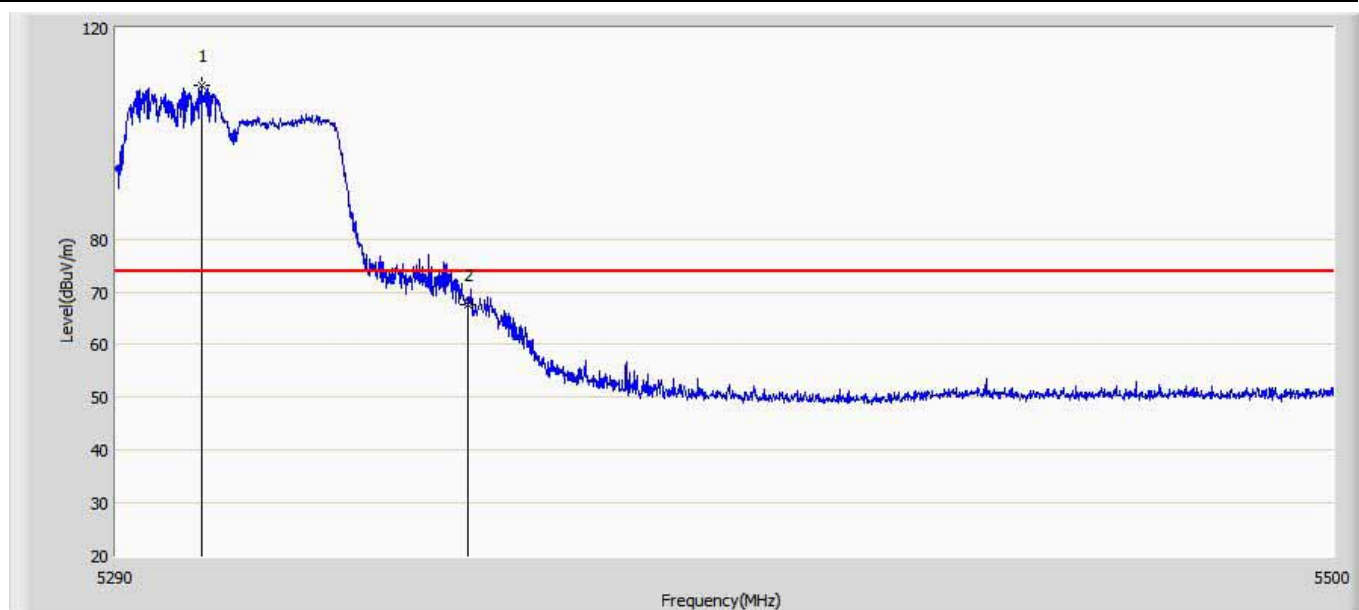
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5307.220	92.641	55.965	38.641	54.000	36.676	AV
2		5350.000	51.188	14.402	-2.812	54.000	36.786	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/07 - 16:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5310MHz by 802.11n40 Ant1+2+3	



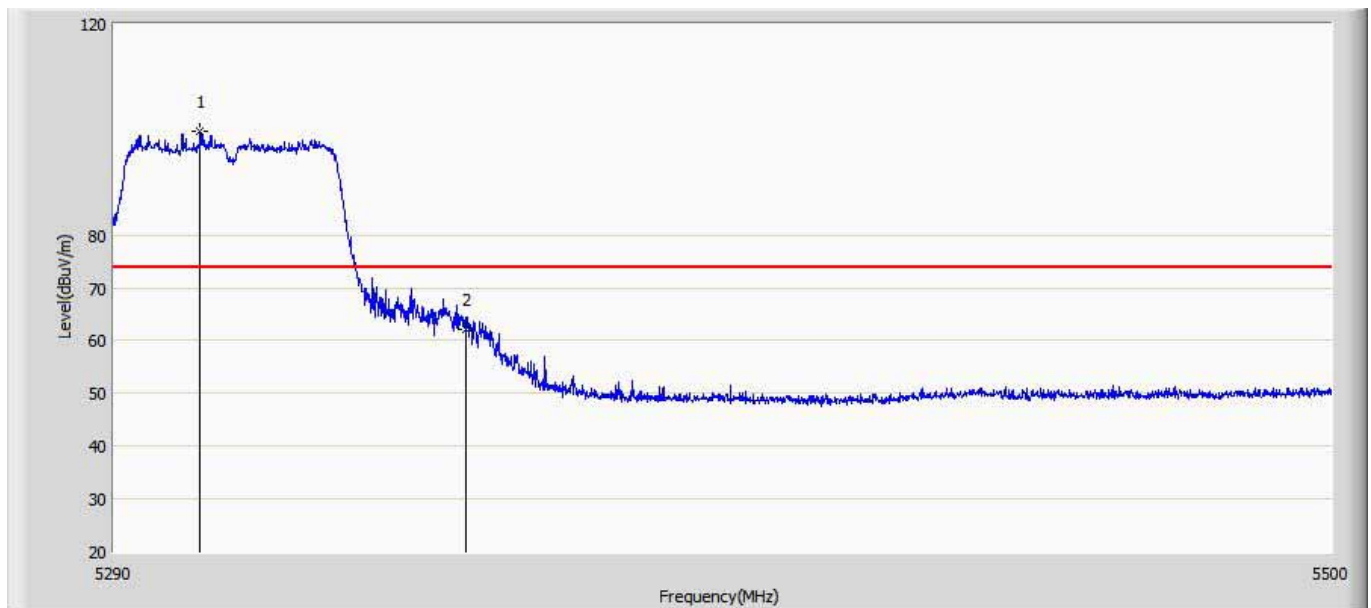
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5324.965	86.637	49.865	32.637	54.000	36.772	AV
2		5350.000	44.061	7.275	-9.939	54.000	36.786	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/07 - 16:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5310MHz by 802.11n40 Ant1+2+3	



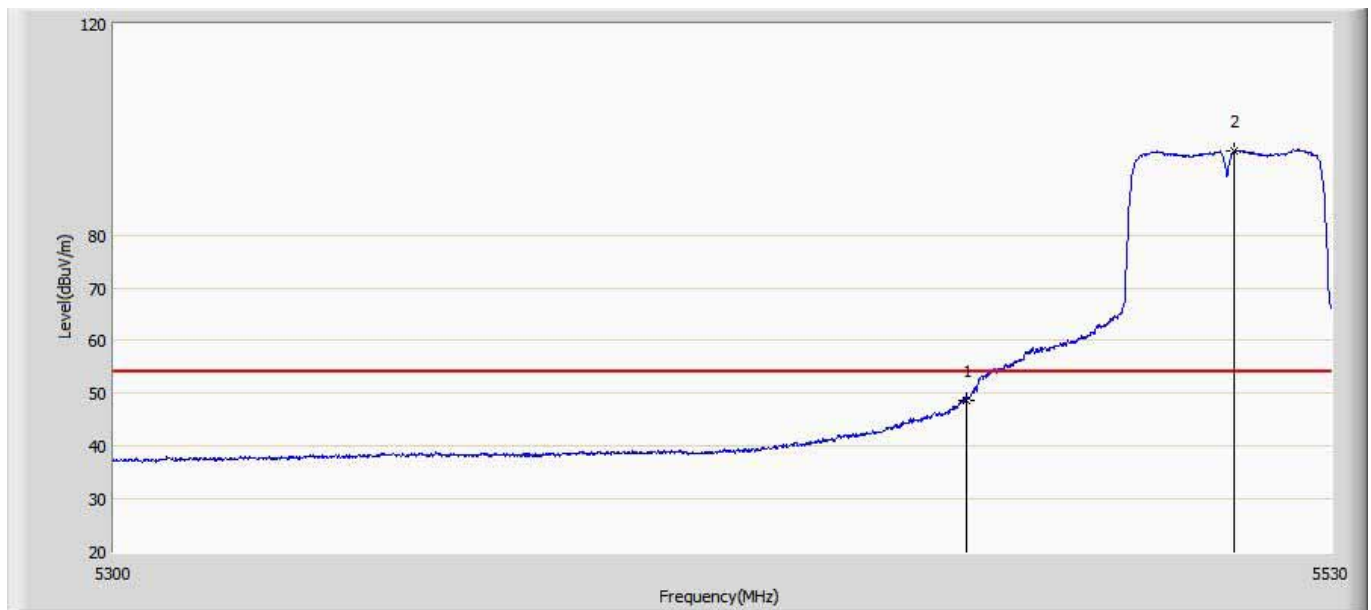
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5304.490	109.013	72.345	35.013	74.000	36.668	PK
2		5350.000	67.683	30.897	-6.317	74.000	36.786	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/07 - 16:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5310MHz by 802.11n40 Ant1+2+3	



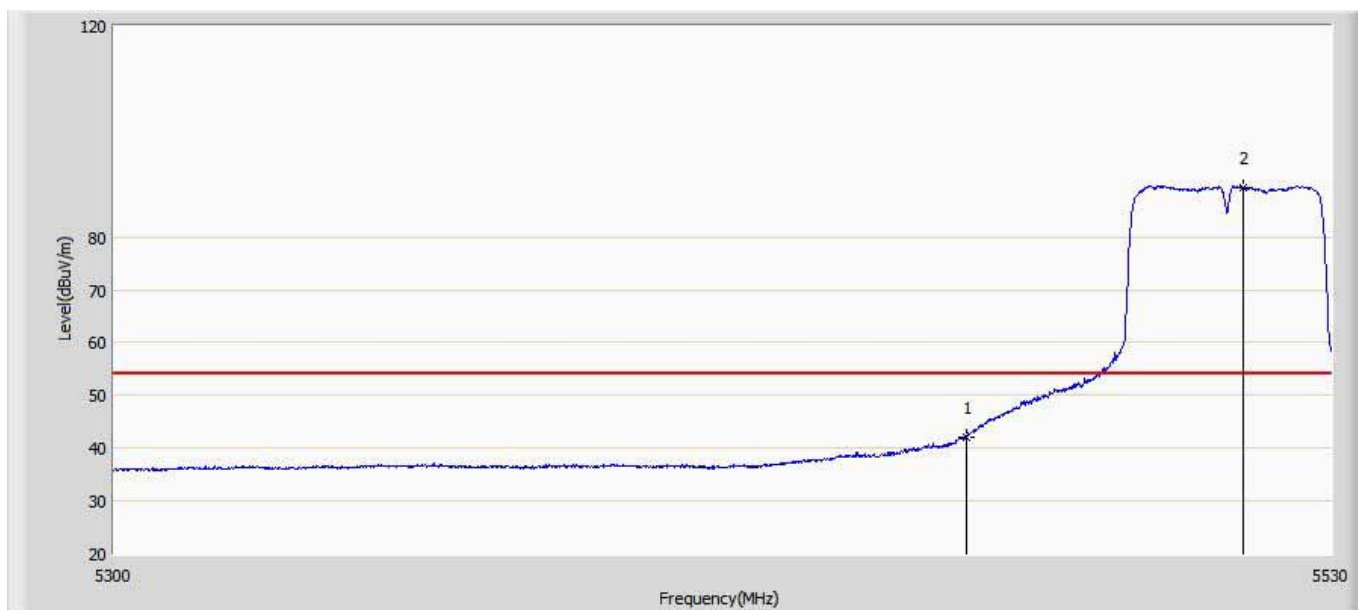
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5304.700	99.625	62.956	25.625	74.000	36.669	PK
2		5350.000	62.030	25.244	-11.970	74.000	36.786	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/07 - 16:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 2: Transmit at 5510MHz by 802.11n40 Ant1+2+3	



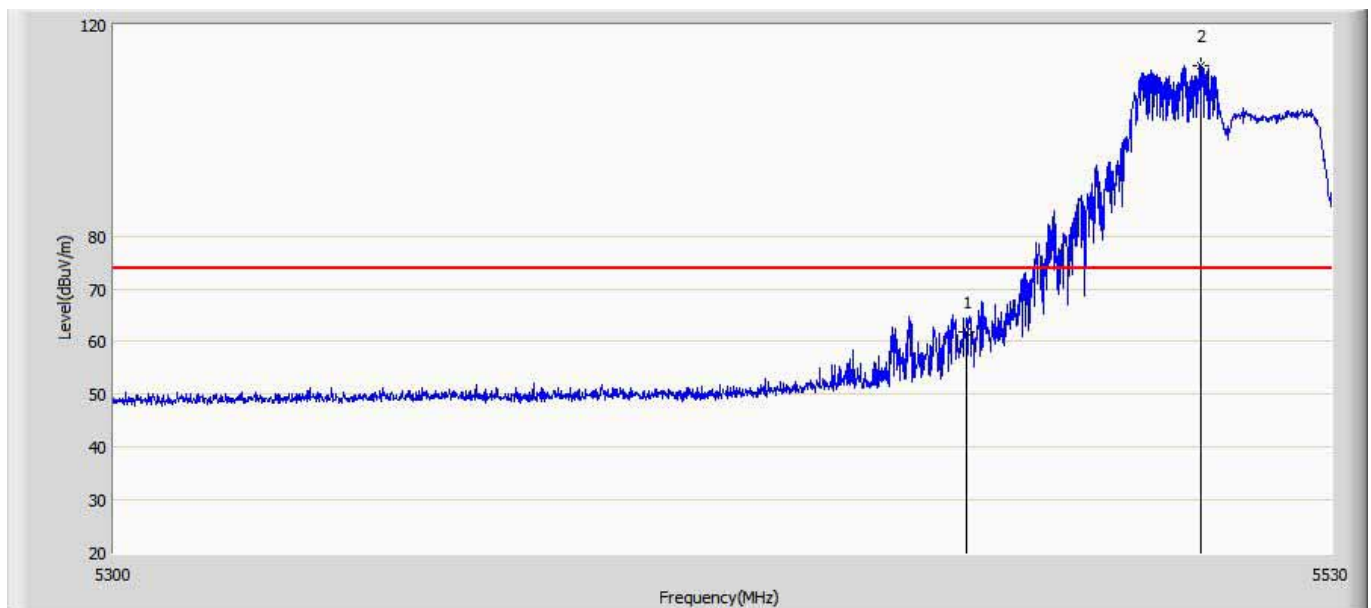
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	48.788	10.642	-5.212	54.000	38.146	AV
2	*	5511.485	95.959	57.840	41.959	54.000	38.119	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/07 - 17:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5510MHz by 802.11n40 Ant1+2+3	



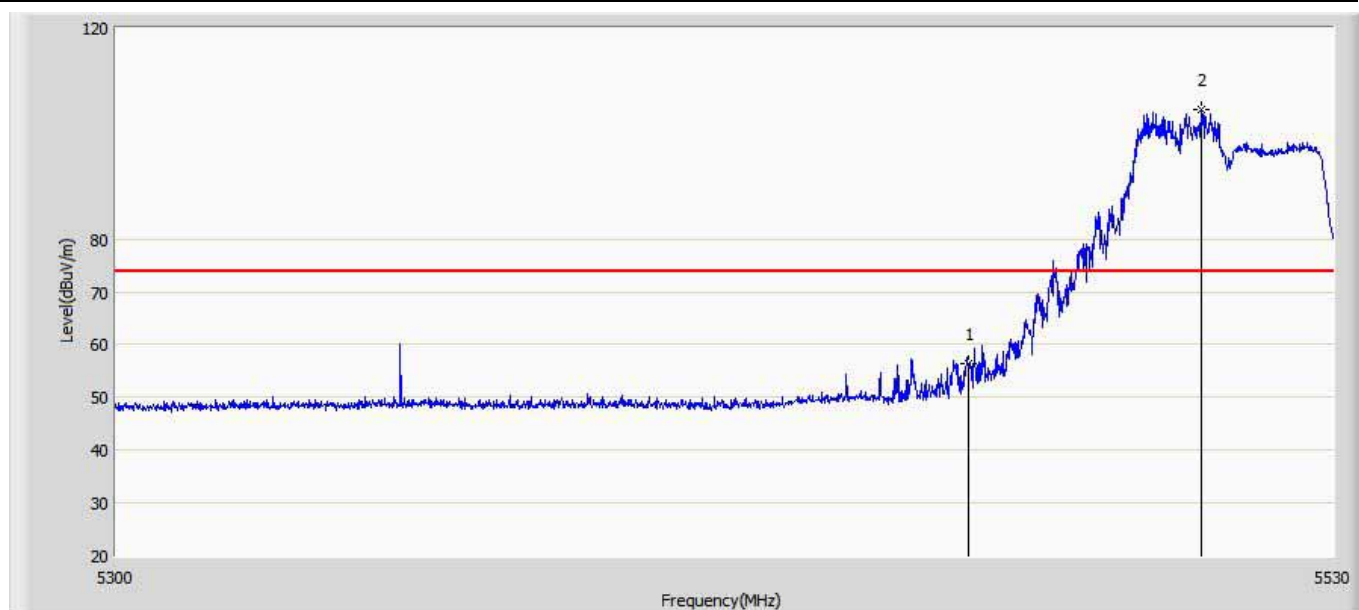
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	42.022	3.876	-11.978	54.000	38.146	AV
2	*	5513.210	89.465	51.342	35.465	54.000	38.123	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/07 - 17:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5510MHz by 802.11n40 Ant1+2+3	



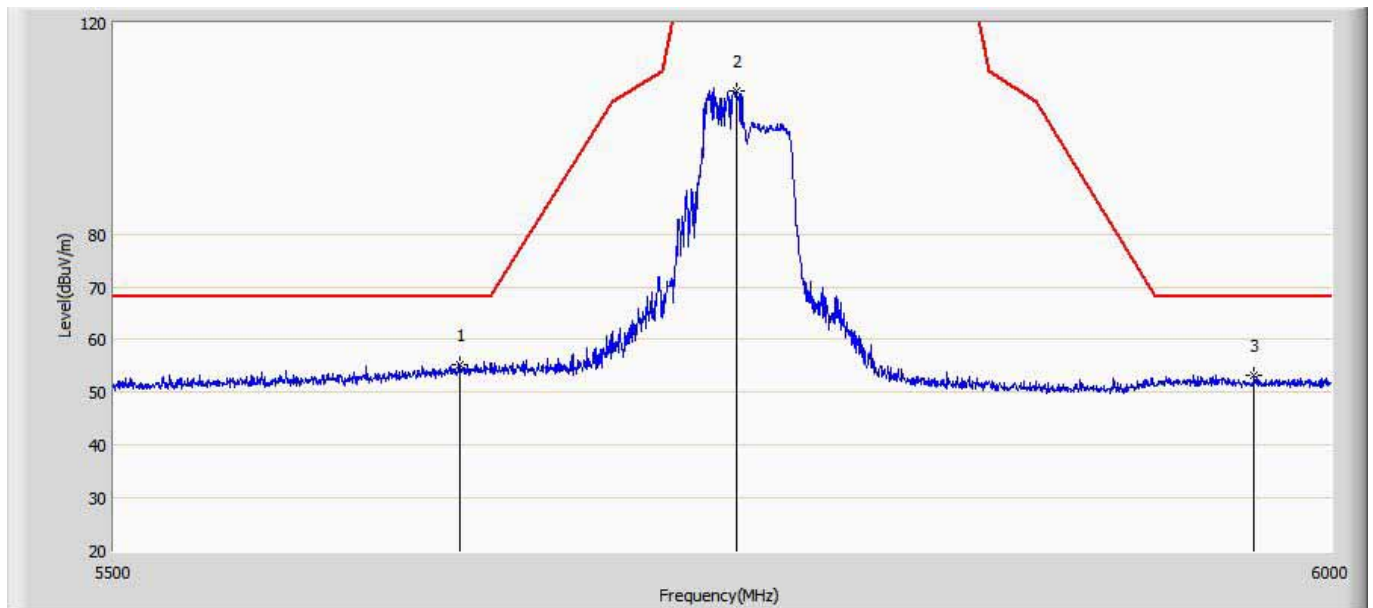
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	61.727	23.581	-12.273	74.000	38.146	PK
2	*	5504.930	112.265	74.161	38.265	74.000	38.104	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/07 - 17:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5510MHz by 802.11n40 Ant1+2+3	



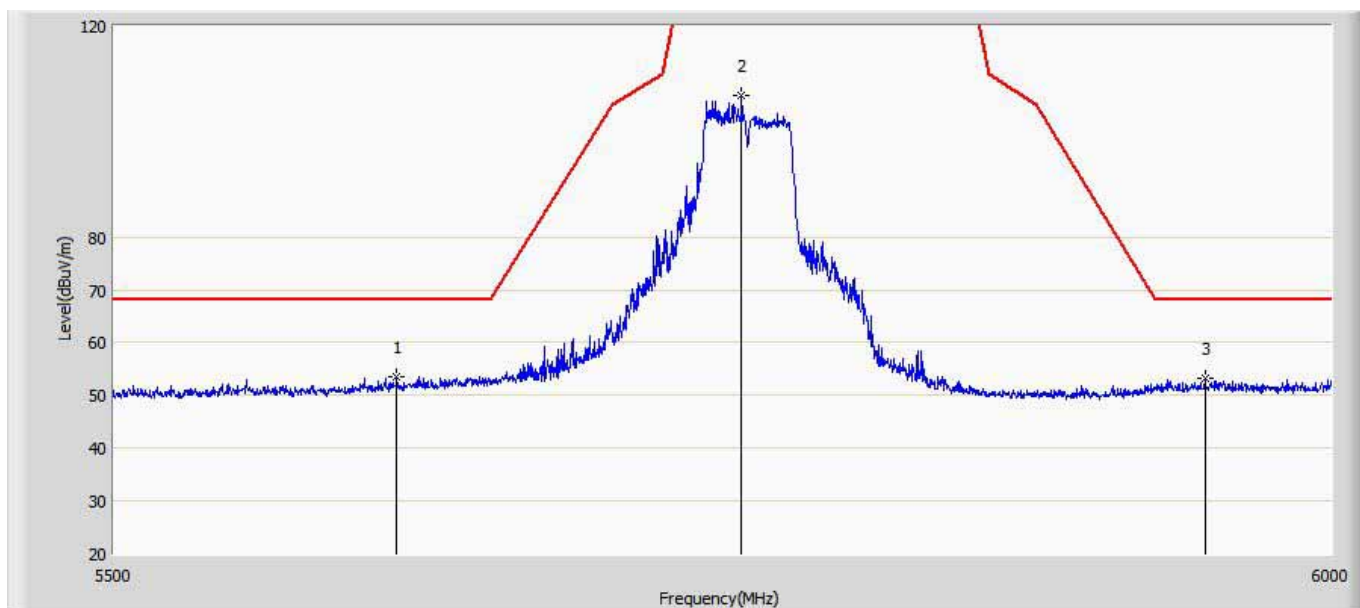
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	56.318	18.172	-17.682	74.000	38.146	PK
2	*	5504.700	104.519	66.415	30.519	74.000	38.104	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/07 - 17:20
Limit: FCC-15.407 new new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5755MHz by 802.11n40 Ant1+2+3	



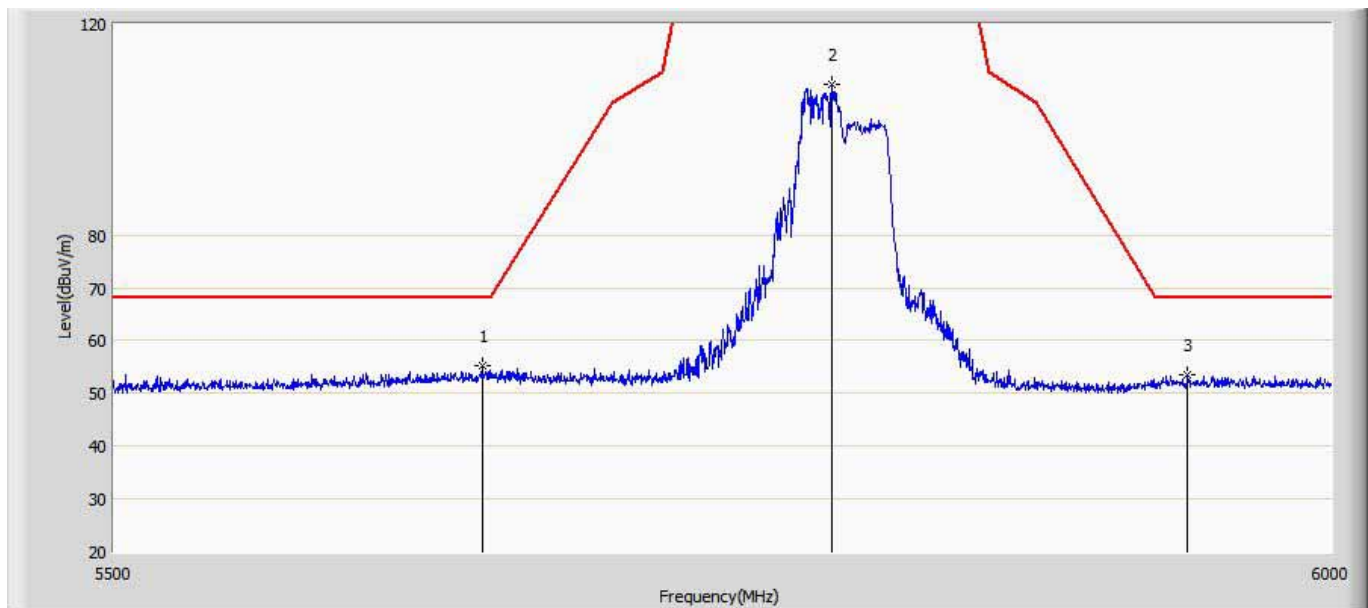
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5637.750	55.272	17.091	-12.928	68.200	38.181	PK
2		5750.500	107.126	69.120	-15.074	122.200	38.006	PK
3		5967.250	53.367	14.172	-14.833	68.200	39.195	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/07 - 17:45
Limit: FCC-15.407 new new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5755MHz by 802.11n40 Ant1+2+3	



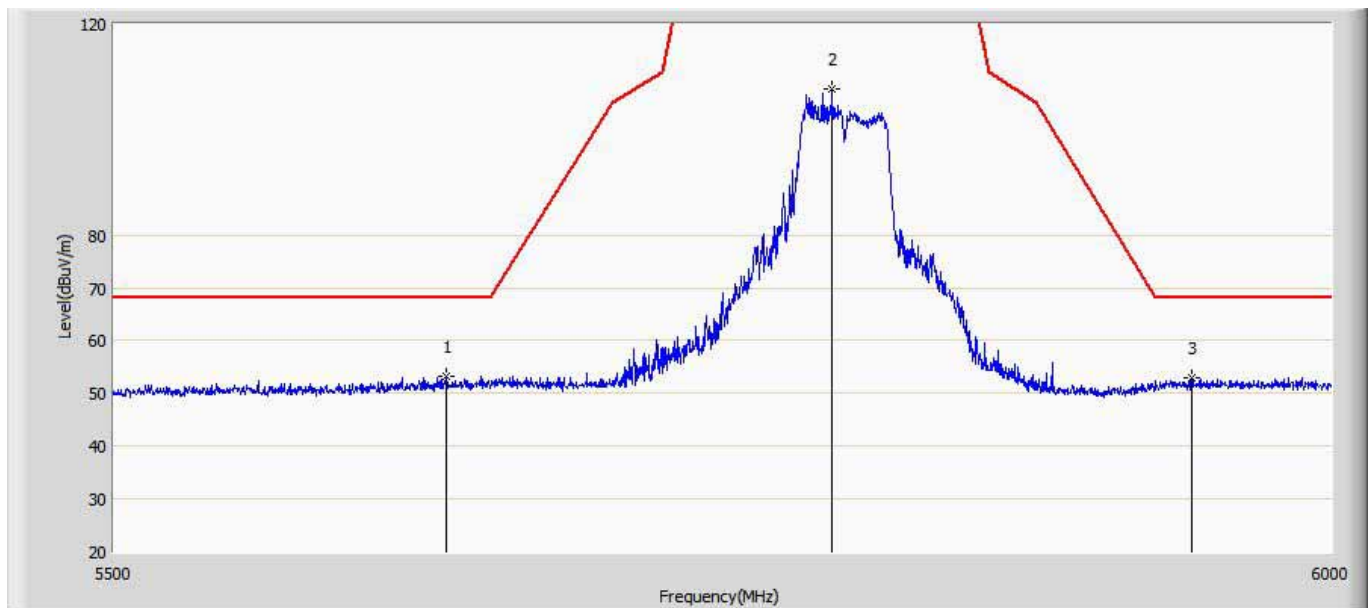
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5612.500	53.467	15.390	-14.733	68.200	38.077	PK
2		5752.500	106.721	68.724	-15.479	122.200	37.997	PK
3		5946.250	53.210	13.918	-14.990	68.200	39.292	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/07 - 17:47
Limit: FCC-15.407 new new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5795MHz by 802.11n40 Ant1+2+3	



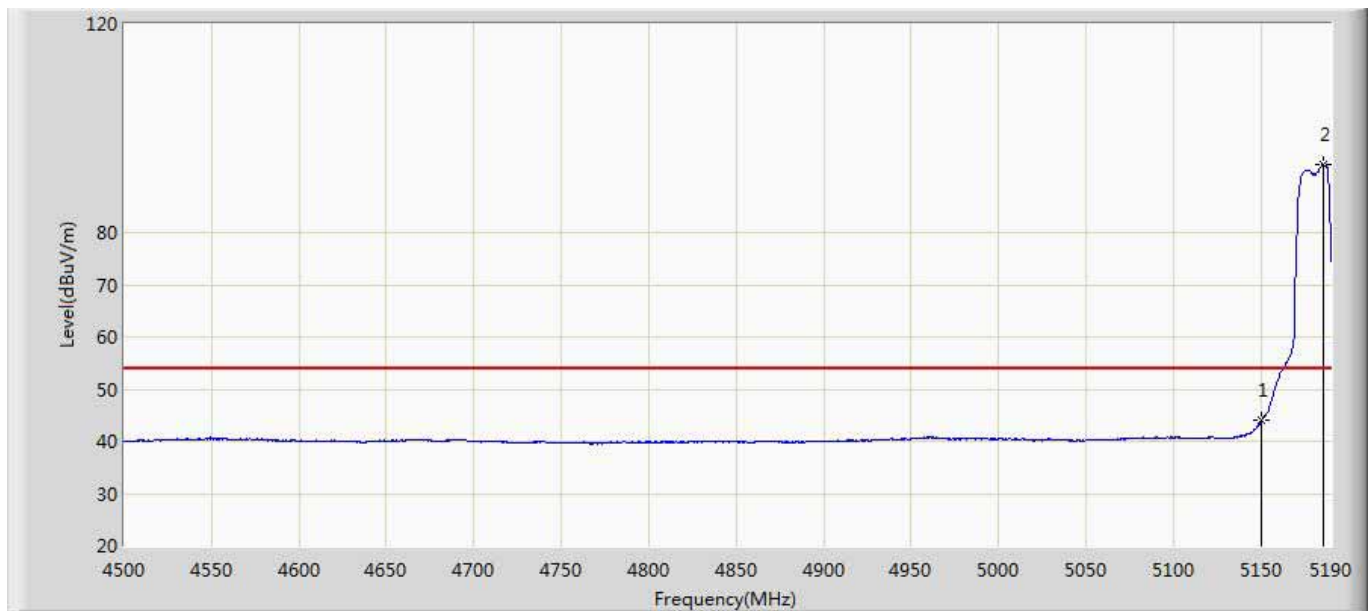
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5646.750	55.340	17.124	-12.860	68.200	38.216	PK
2		5789.750	108.645	70.570	-13.555	122.200	38.075	PK
3		5939.000	53.593	14.332	-14.607	68.200	39.261	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/07 - 17:50
Limit: FCC-15.407 new new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5795MHz by 802.11n40 Ant1+2+3	



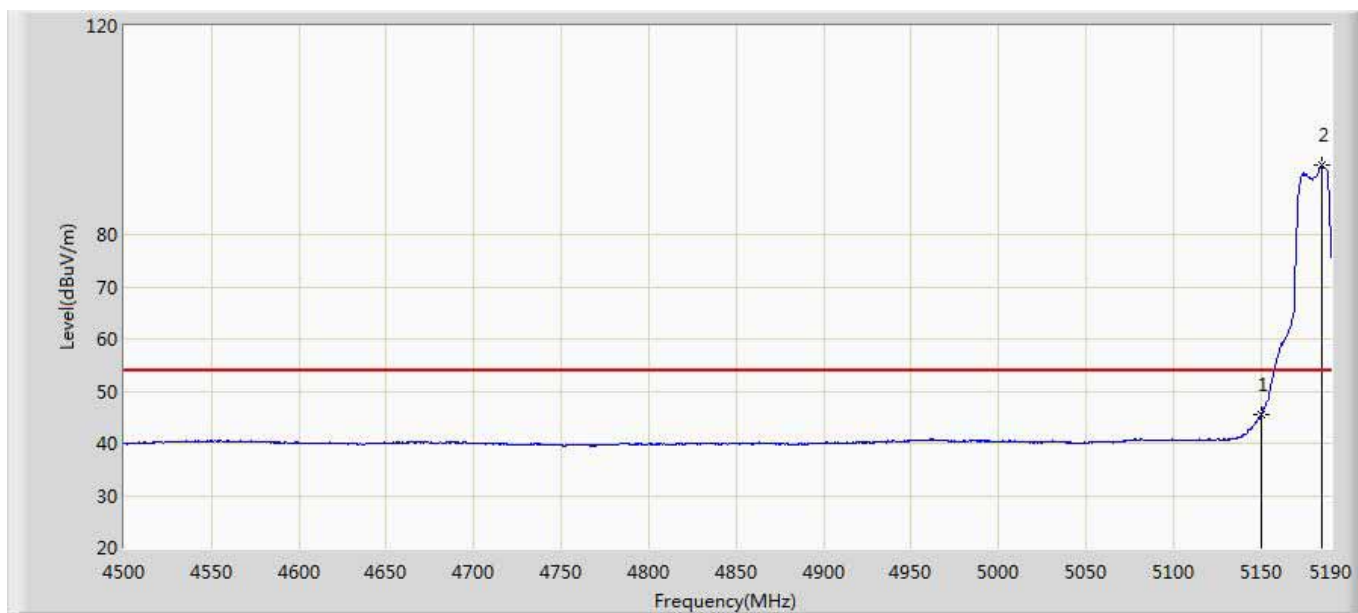
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5632.500	53.288	15.124	-14.913	68.200	38.163	PK
2	*	5789.750	107.564	69.488	-14.636	122.200	38.075	PK
3		5940.500	53.040	13.773	-15.160	68.200	39.267	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 09:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 3:Transmit 5180MHz by 11ac20 Ant1+2+3	



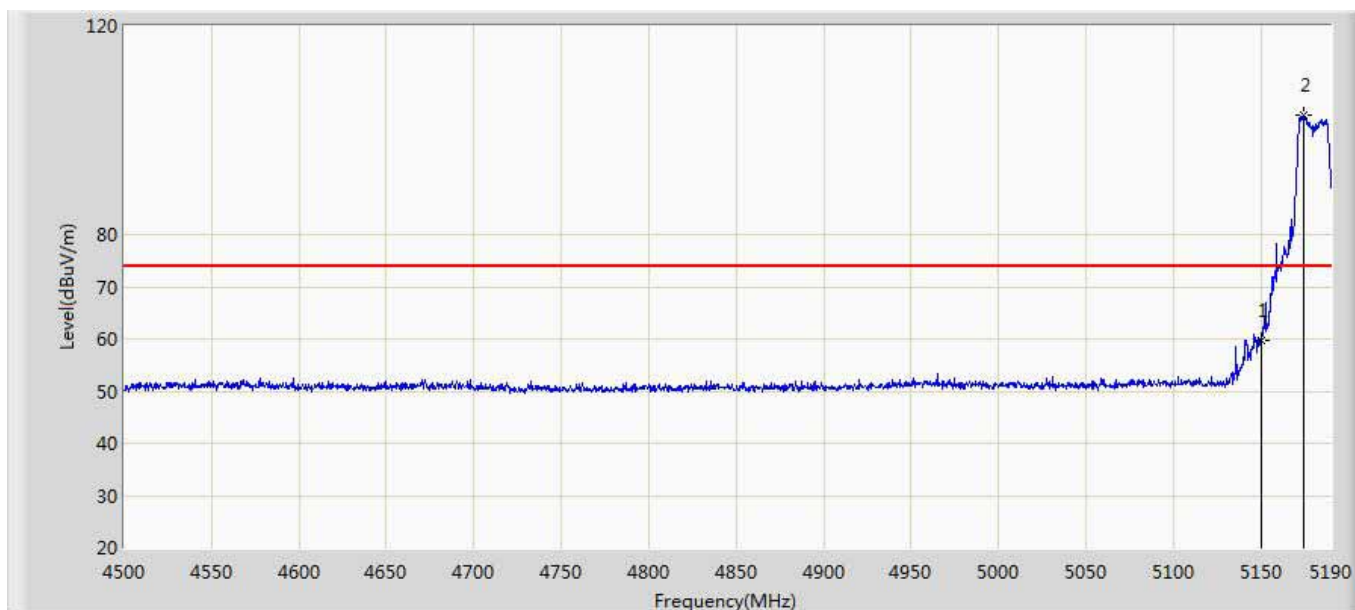
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	43.942	4.408	-10.058	54.000	39.534	AV
2	*	5185.860	93.175	53.586	39.175	54.000	39.589	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 09:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 3:Transmit 5180MHz by 11ac20 Ant1+2+3	



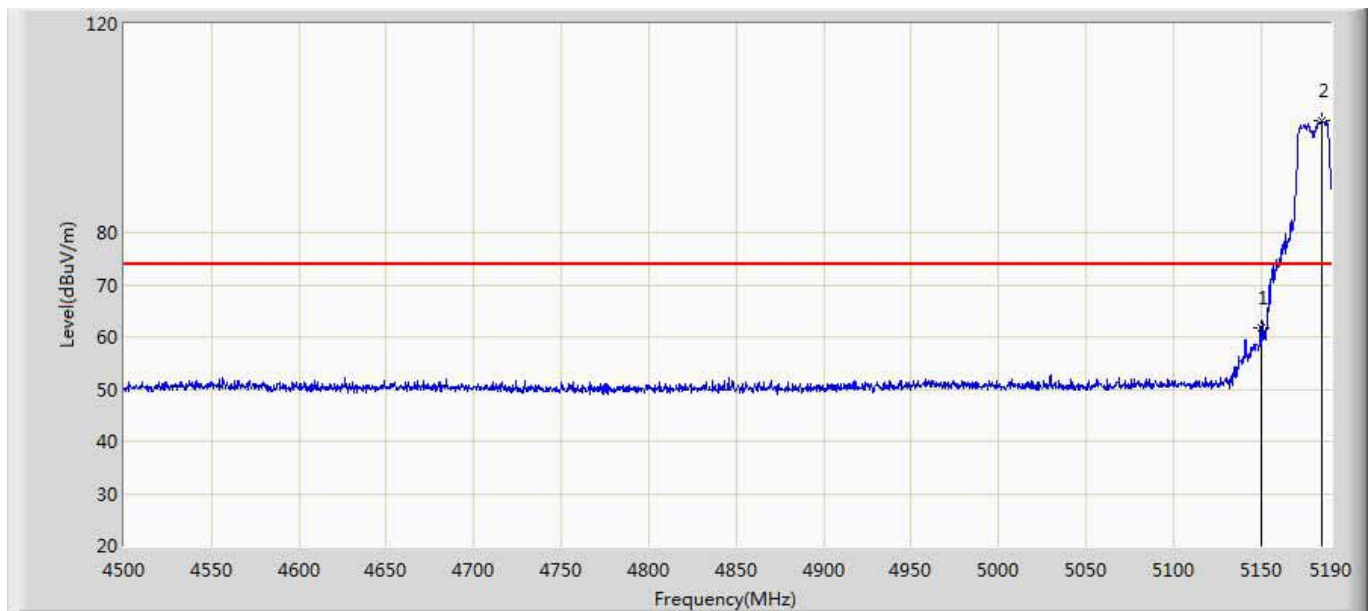
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	45.370	5.836	-8.630	54.000	39.534	AV
2	*	5185.170	93.191	53.608	39.191	54.000	39.582	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 09:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 3:Transmit 5180MHz by 11ac20 Ant1+2+3	



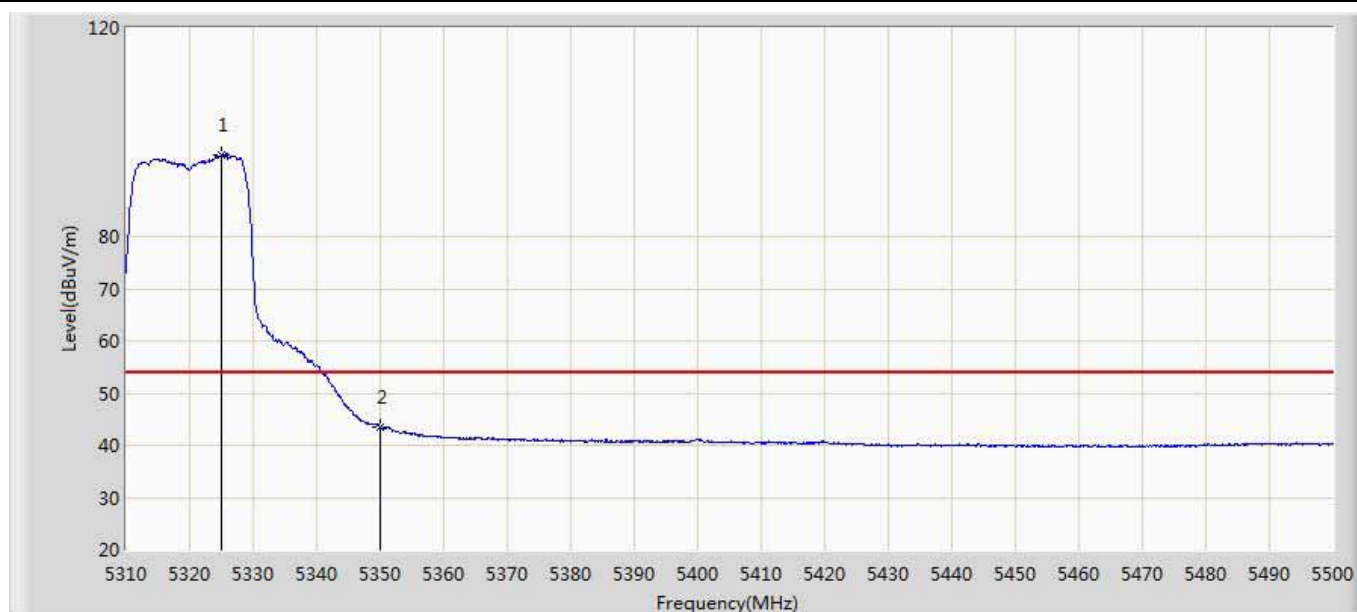
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	59.604	20.070	-14.396	74.000	39.534	PK
2	*	5174.820	102.901	63.292	28.901	74.000	39.610	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 09:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 3:Transmit 5180MHz by 11ac20 Ant1+2+3	



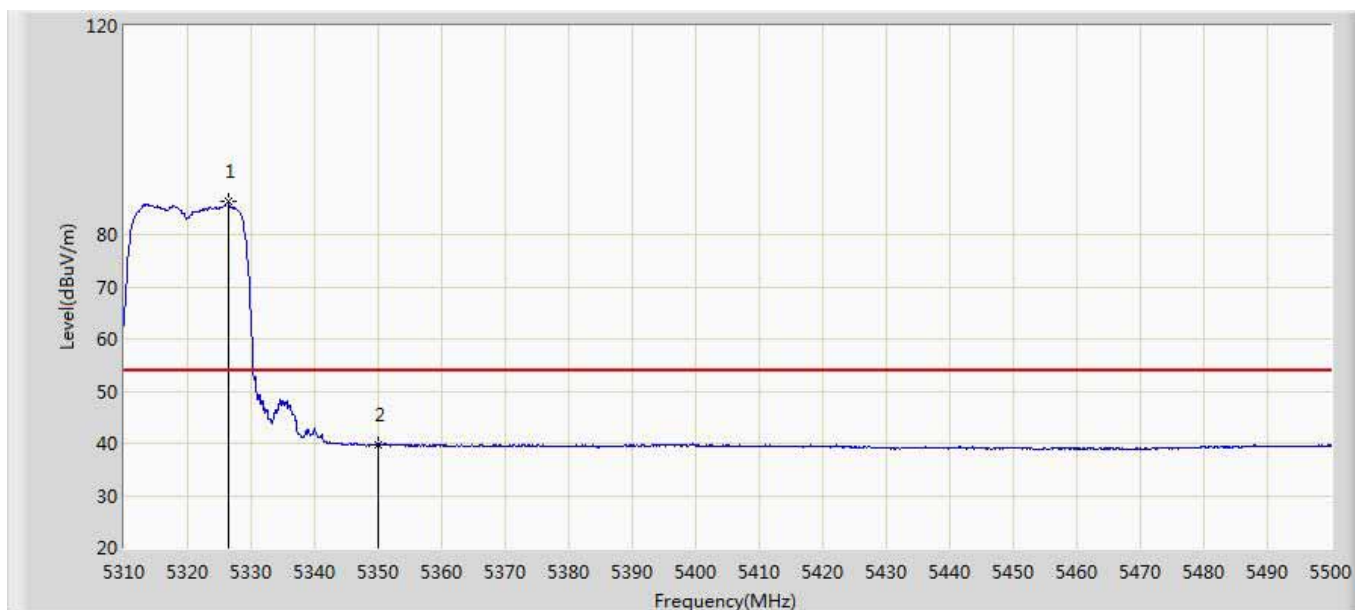
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	61.871	22.337	-12.129	74.000	39.534	PK
2	*	5184.825	101.567	61.988	27.567	74.000	39.580	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 09:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 3:Transmit 5320MHz by 11ac20 Ant1+2+3	



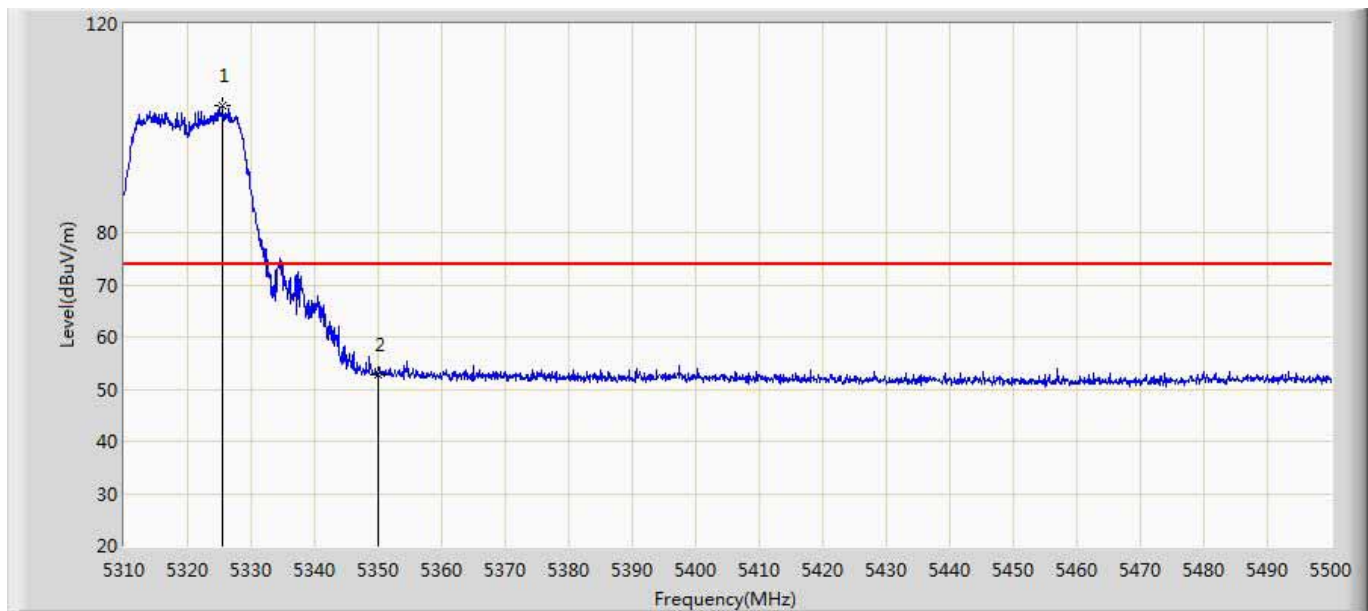
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5325.010	95.625	55.718	41.625	54.000	39.907	AV
2		5350.000	43.480	3.609	-10.520	54.000	39.871	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 09:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 3:Transmit 5320MHz by 11ac20 Ant1+2+3	



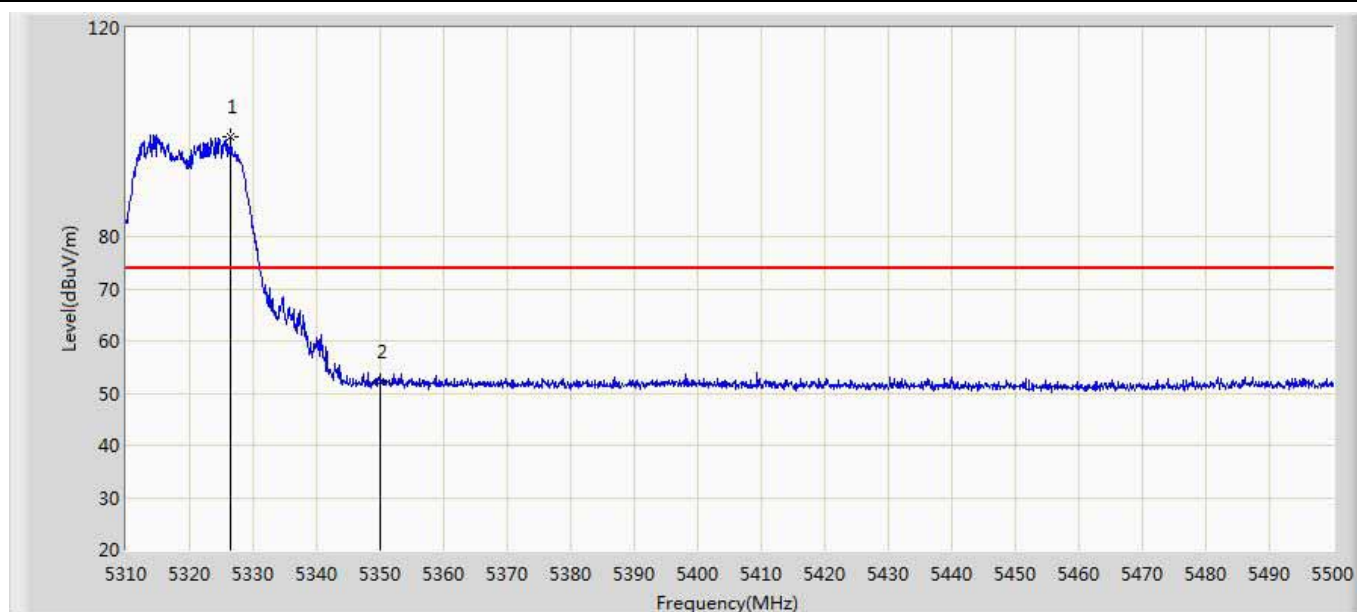
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5326.435	86.331	46.430	32.331	54.000	39.901	AV
2		5350.000	39.843	-0.028	-14.157	54.000	39.871	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 10:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 3:Transmit 5320MHz by 11ac20 Ant1+2+3	



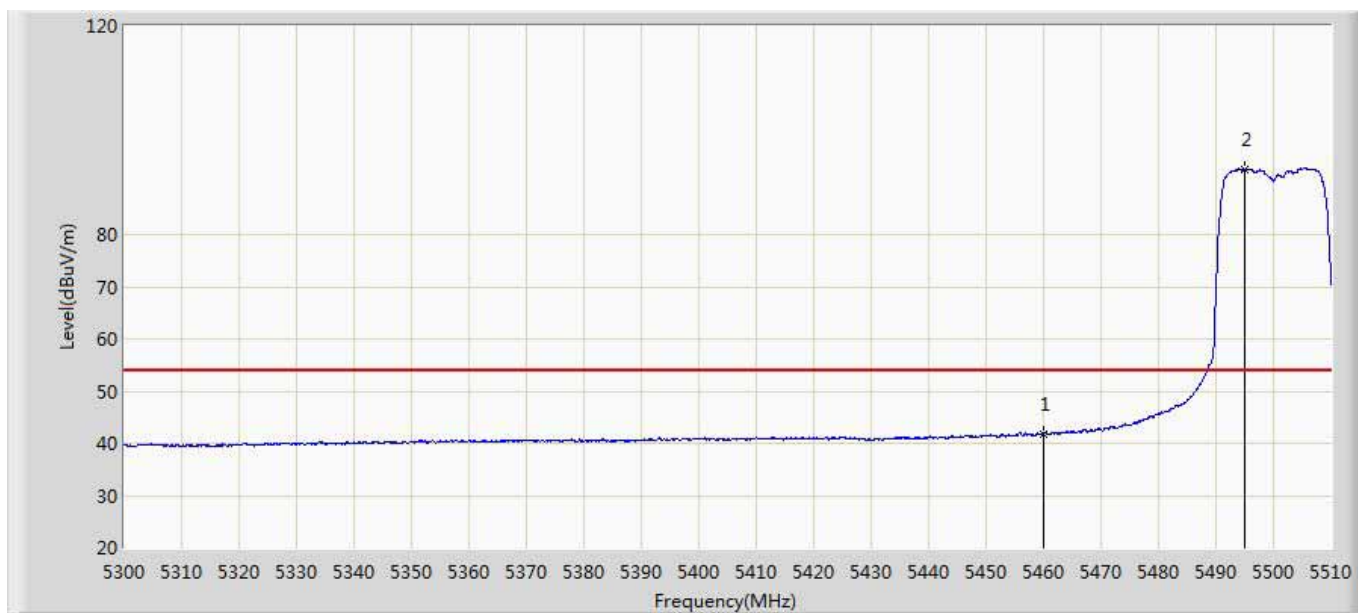
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5325.580	104.205	64.301	30.205	74.000	39.905	PK
2		5350.000	52.870	12.999	-21.130	74.000	39.871	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 10:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 3:Transmit 5320MHz by 11ac20 Ant1+2+3	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5326.530	99.259	59.358	25.259	74.000	39.901	PK
2		5350.000	52.243	12.372	-21.757	74.000	39.871	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 10:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 3:Transmit 5500MHz by 11ac20 Ant1+2+3	



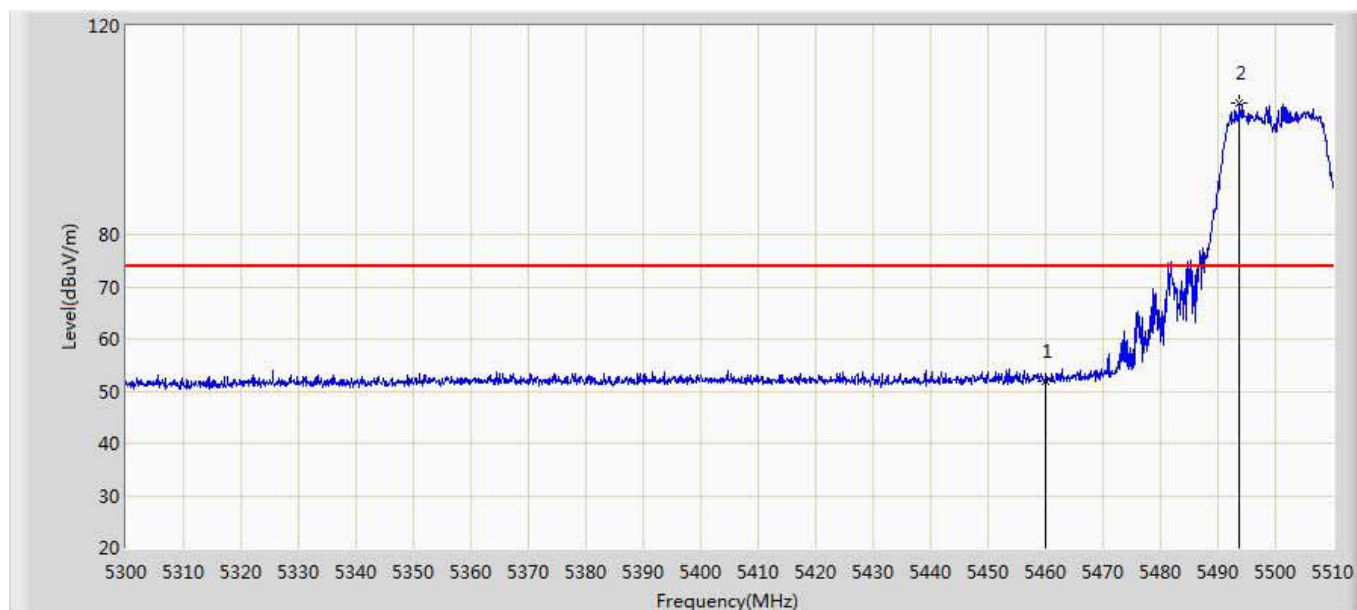
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	41.814	1.780	-12.186	54.000	40.034	AV
2	*	5495.090	92.543	52.404	38.543	54.000	40.139	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 10:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 3:Transmit 5500MHz by 11ac20 Ant1+2+3	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	39.443	-0.591	-14.557	54.000	40.034	AV
2	*	5497.820	87.570	47.438	33.570	54.000	40.132	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 10:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 3:Transmit 5500MHz by 11ac20 Ant1+2+3	



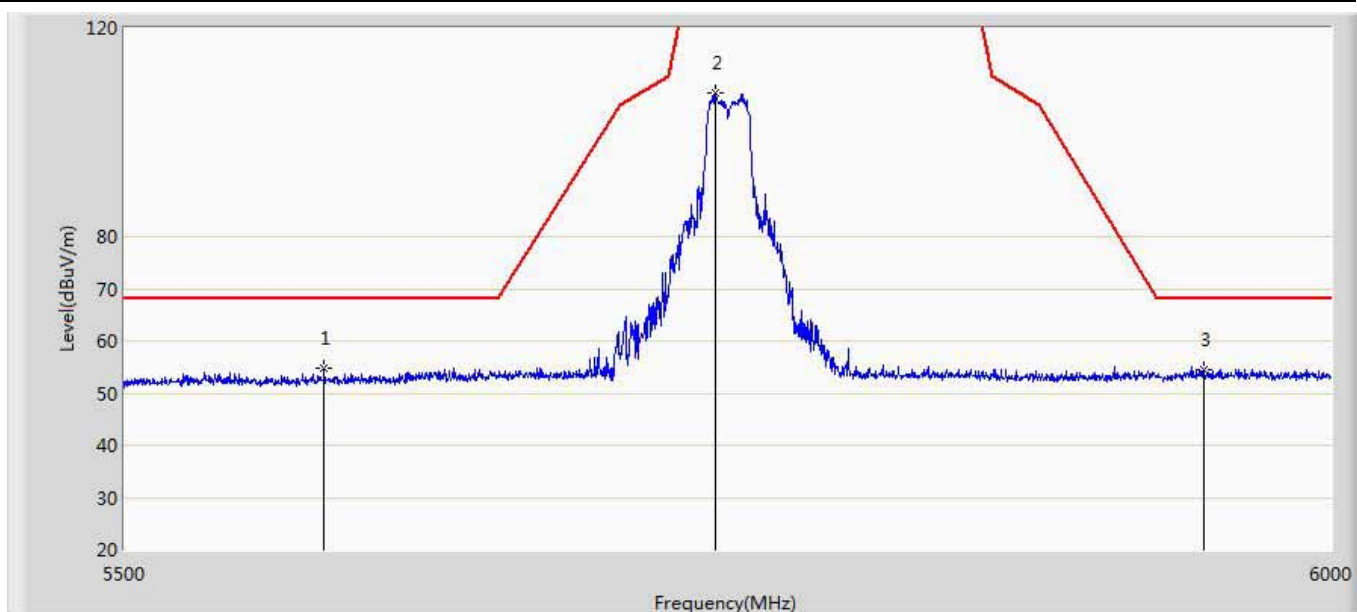
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	51.915	11.881	-22.085	74.000	40.034	PK
2	*	5493.725	105.252	65.109	31.252	74.000	40.143	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 10:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 3:Transmit 5500MHz by 11ac20 Ant1+2+3	



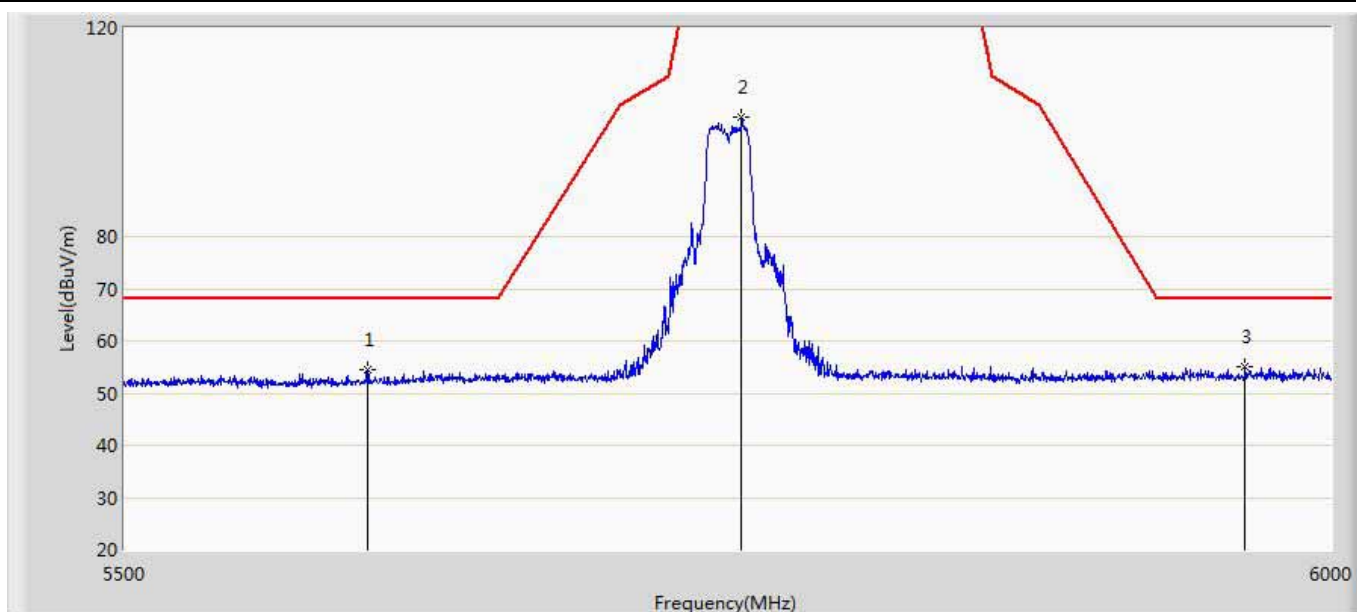
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	51.808	11.774	-22.192	74.000	40.034	PK
2	*	5495.300	100.290	60.151	26.290	74.000	40.139	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 19:45
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 3:Transmit 5745MHz by 11ac20 Ant1+2+3	



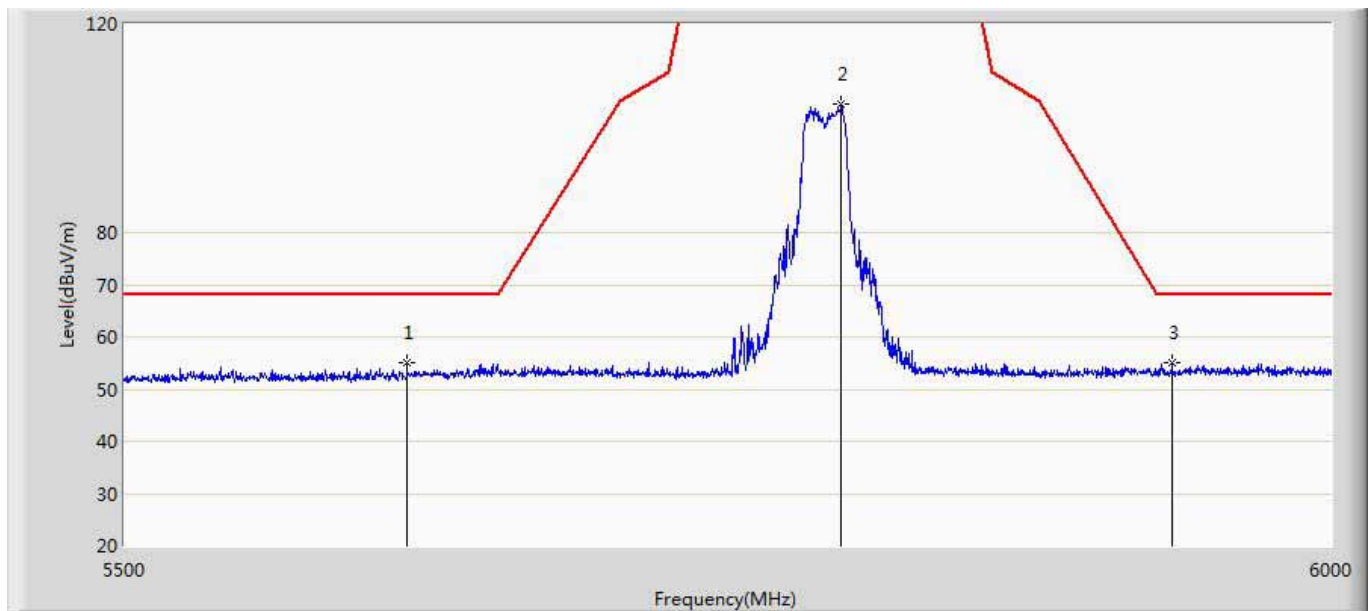
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5580.000	54.713	14.412	-13.487	68.200	40.301	PK
2		5739.500	107.661	67.095	-14.539	122.200	40.566	PK
3		5945.250	54.371	13.341	-13.829	68.200	41.031	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 19:49
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 3:Transmit 5745MHz by 11ac20 Ant1+2+3	



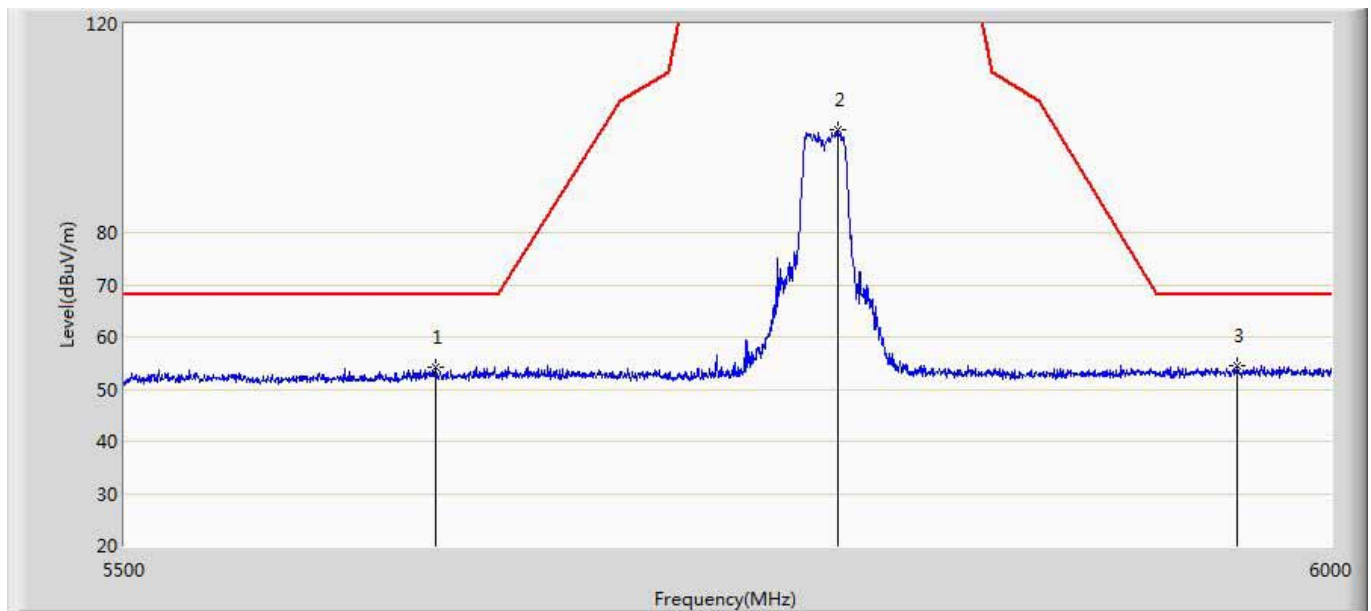
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5597.500	54.514	14.193	-13.686	68.200	40.321	PK
2		5750.500	102.815	62.216	-19.385	122.200	40.599	PK
3	*	5962.750	54.952	13.941	-13.248	68.200	41.010	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 19:51
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 3:Transmit 5785MHz by 11ac20 Ant1+2+3	



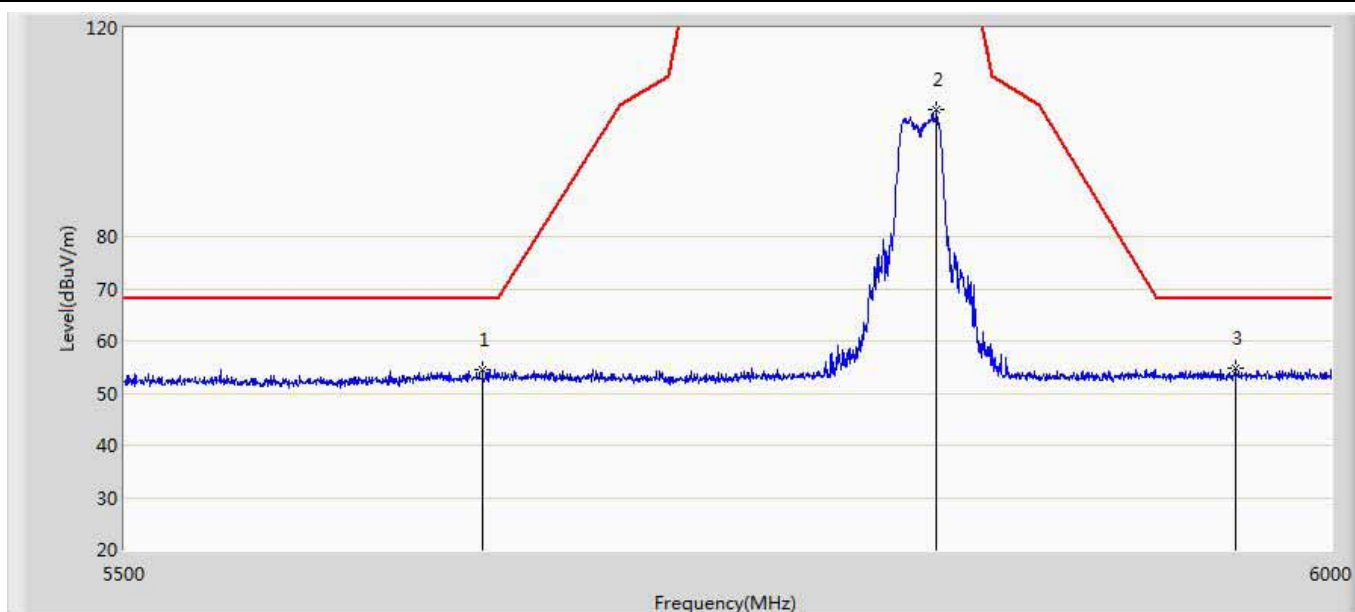
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5613.250	55.136	14.747	-13.064	68.200	40.389	PK
2		5792.000	104.610	63.857	-17.590	122.200	40.753	PK
3	*	5931.750	55.166	14.261	-13.034	68.200	40.905	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 19:56
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 3:Transmit 5785MHz by 11ac20 Ant1+2+3	



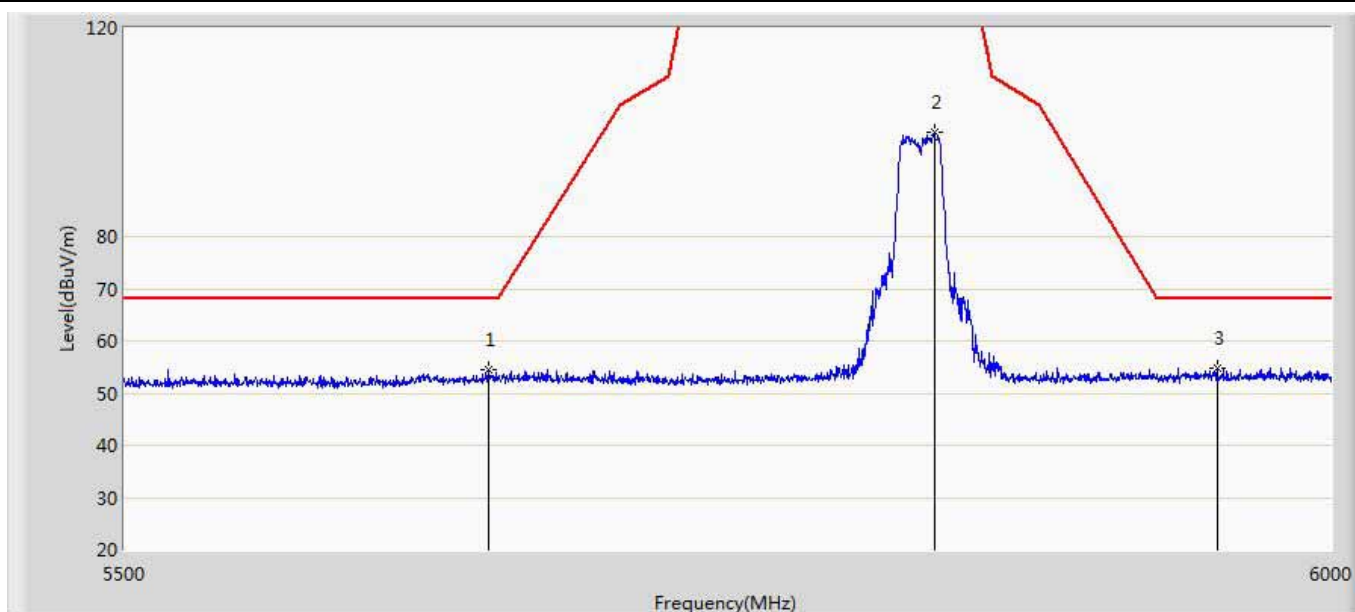
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5624.750	54.344	13.792	-13.856	68.200	40.552	PK
2		5790.500	99.819	59.076	-22.381	122.200	40.743	PK
3	*	5959.750	54.496	13.479	-13.704	68.200	41.017	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 19:57
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 3:Transmit 5825MHz by 11ac20 Ant1+2+3	



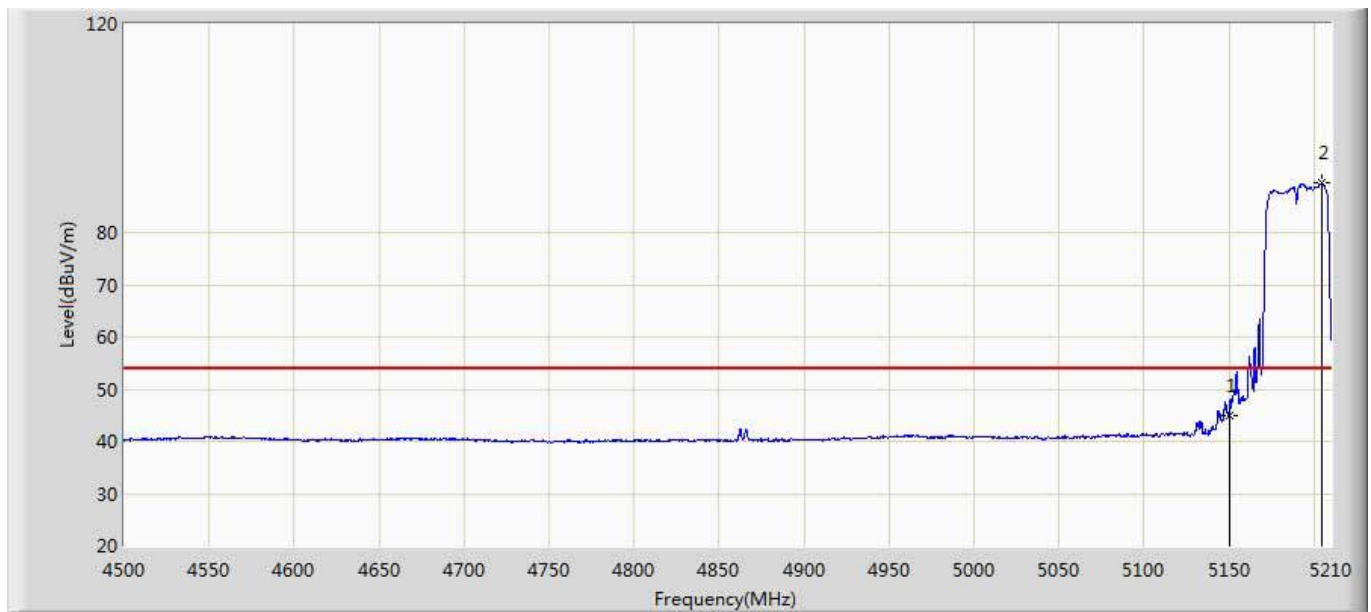
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5644.000	54.497	14.123	-13.703	68.200	40.374	PK
2		5831.750	104.222	63.480	-17.978	122.200	40.741	PK
3	*	5959.000	54.689	13.670	-13.511	68.200	41.019	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 20:00
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 3:Transmit 5825MHz by 11ac20 Ant1+2+3	



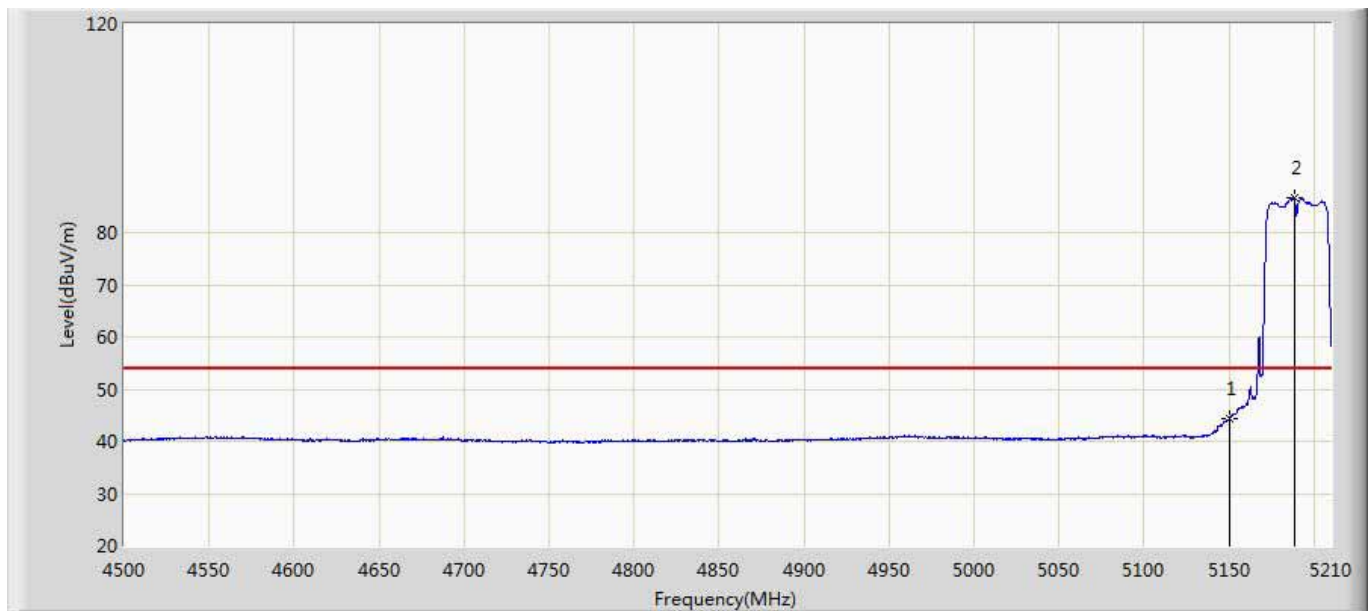
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5646.250	54.493	14.100	-13.707	68.200	40.393	PK
2		5831.000	99.883	59.147	-22.317	122.200	40.736	PK
3	*	5951.000	54.885	13.848	-13.315	68.200	41.038	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 10:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 4:Transmit 5190MHz by 11ac40 Ant1+2+3	



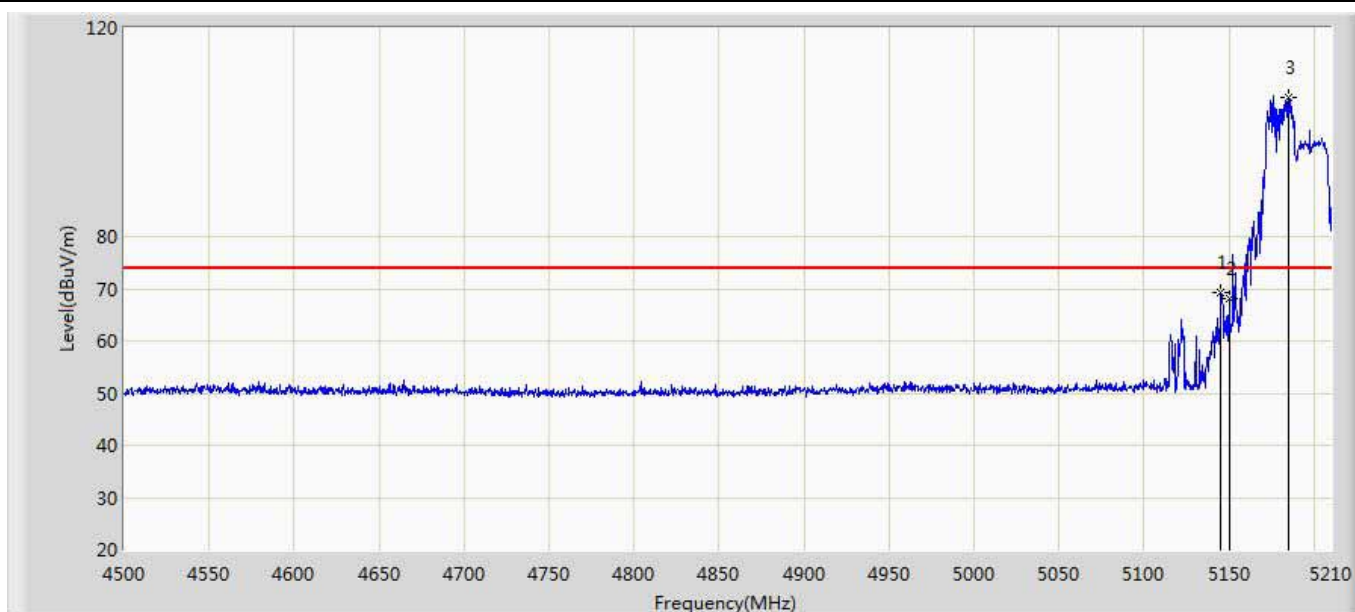
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	44.993	5.459	-9.007	54.000	39.534	AV
2	*	5204.675	89.528	49.819	35.528	54.000	39.709	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 10:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 4:Transmit 5190MHz by 11ac40 Ant1+2+3	



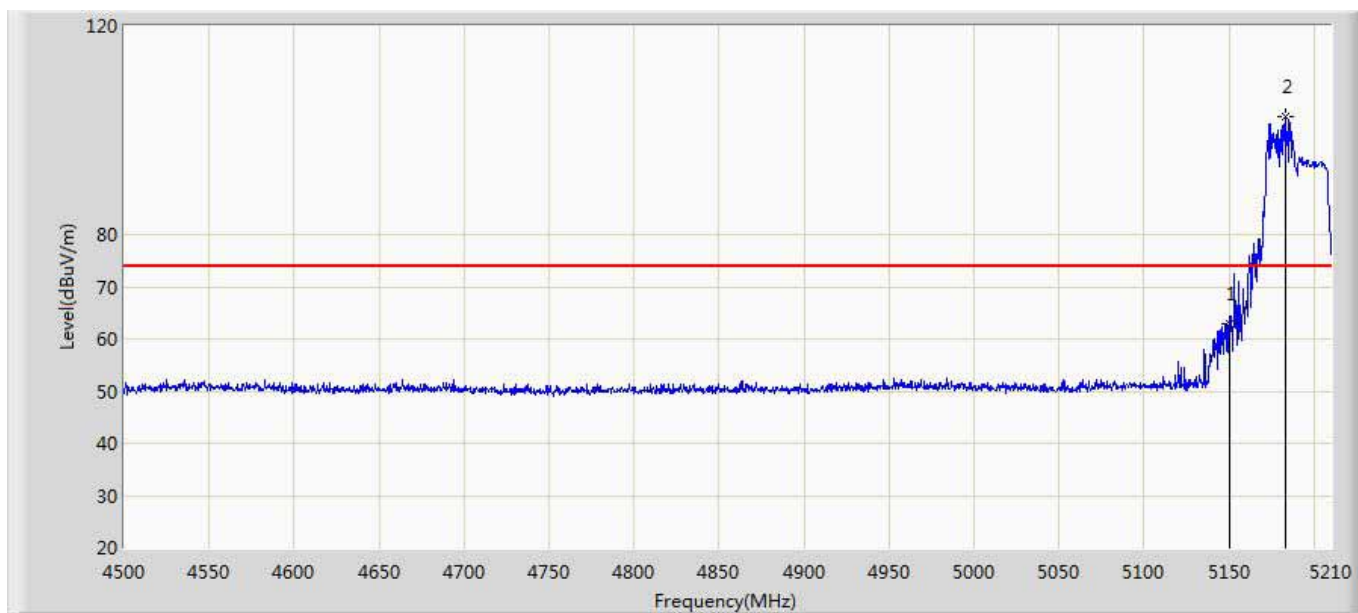
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	44.321	4.787	-9.679	54.000	39.534	AV
2	*	5188.345	86.642	47.031	32.642	54.000	39.611	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 10:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 4:Transmit 5190MHz by 11ac40 Ant1+2+3	



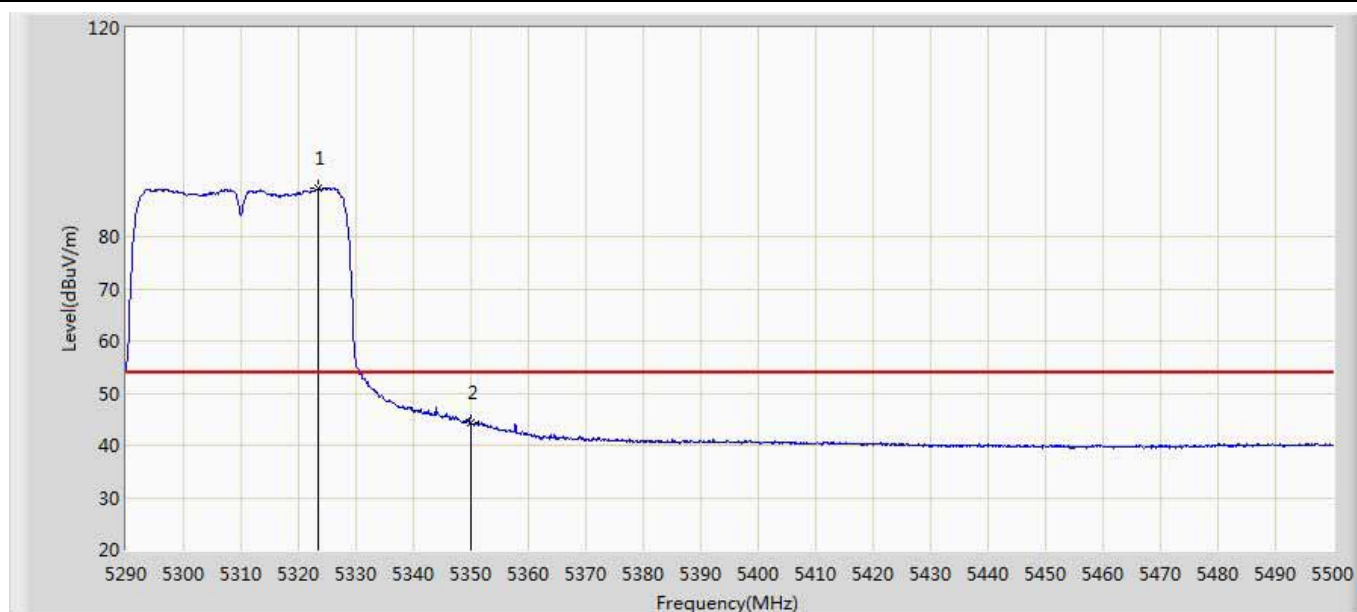
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5145.035	69.190	29.681	-4.810	74.000	39.509	PK
2		5150.000	68.145	28.611	-5.855	74.000	39.534	PK
3	*	5185.505	106.581	66.995	32.581	74.000	39.586	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 10:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 4:Transmit 5190MHz by 11ac40 Ant1+2+3	



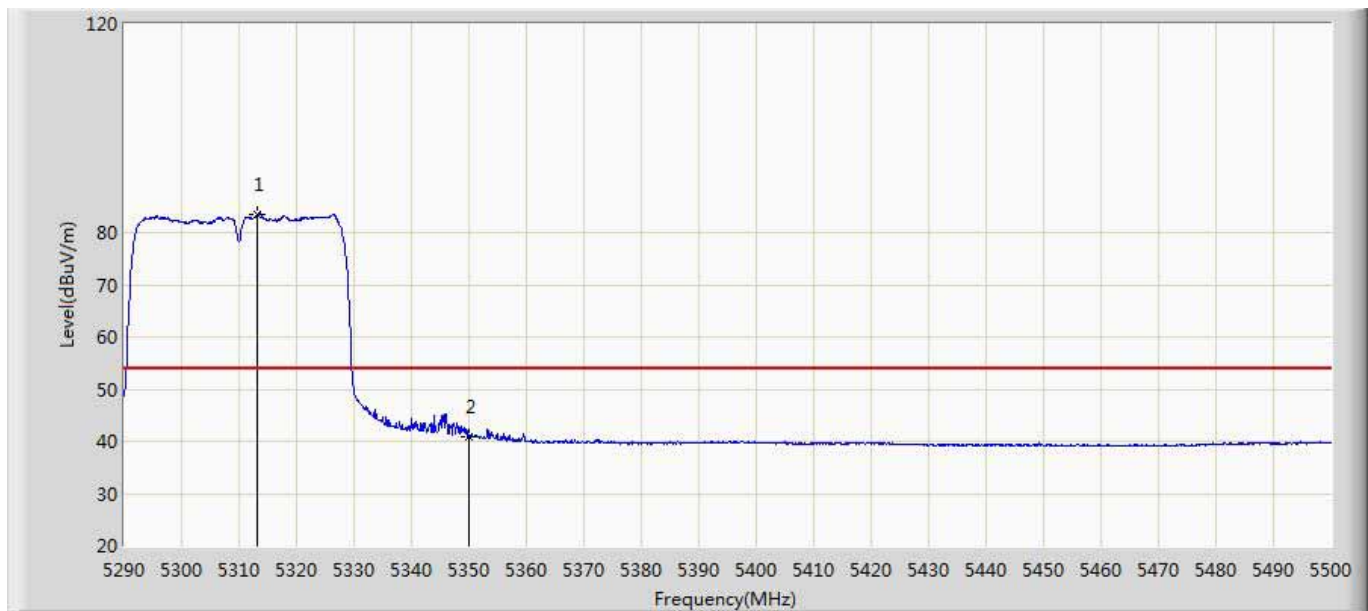
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	62.862	23.328	-11.138	74.000	39.534	PK
2	*	5183.020	102.492	62.929	28.492	74.000	39.563	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 10:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 4:Transmit 5310MHz by 11ac40 Ant1+2+3	



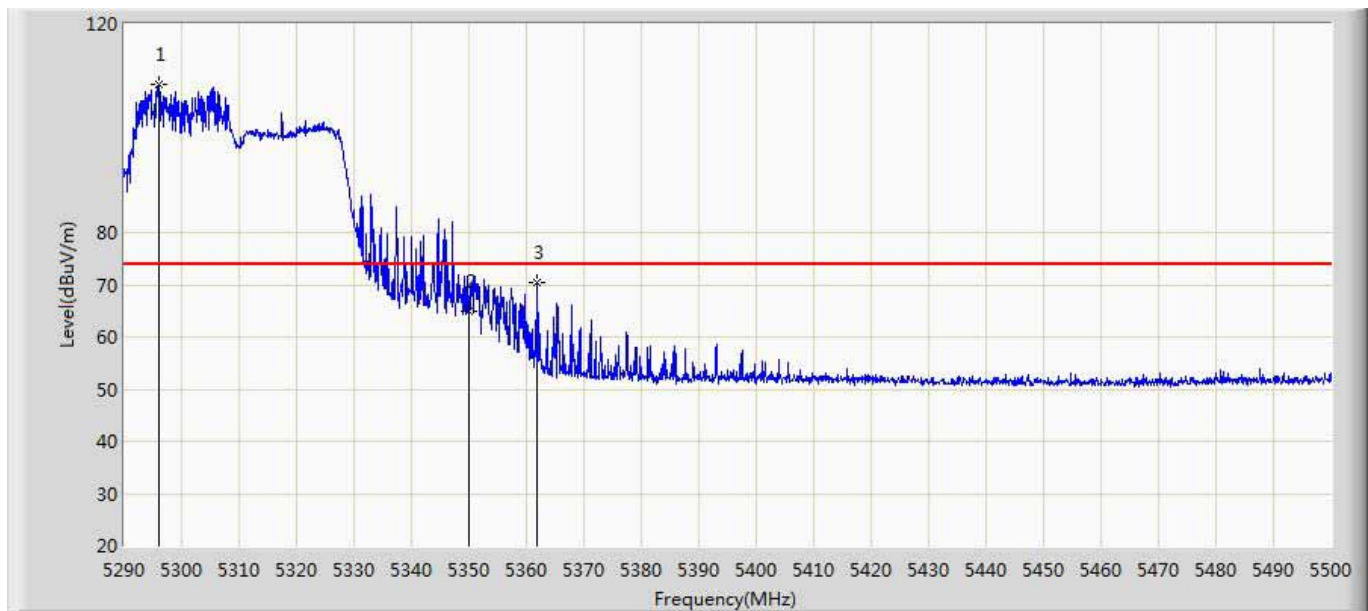
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5323.390	89.205	49.292	35.205	54.000	39.913	AV
2		5350.000	44.221	4.350	-9.779	54.000	39.871	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 11:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 4:Transmit 5310MHz by 11ac40 Ant1+2+3	



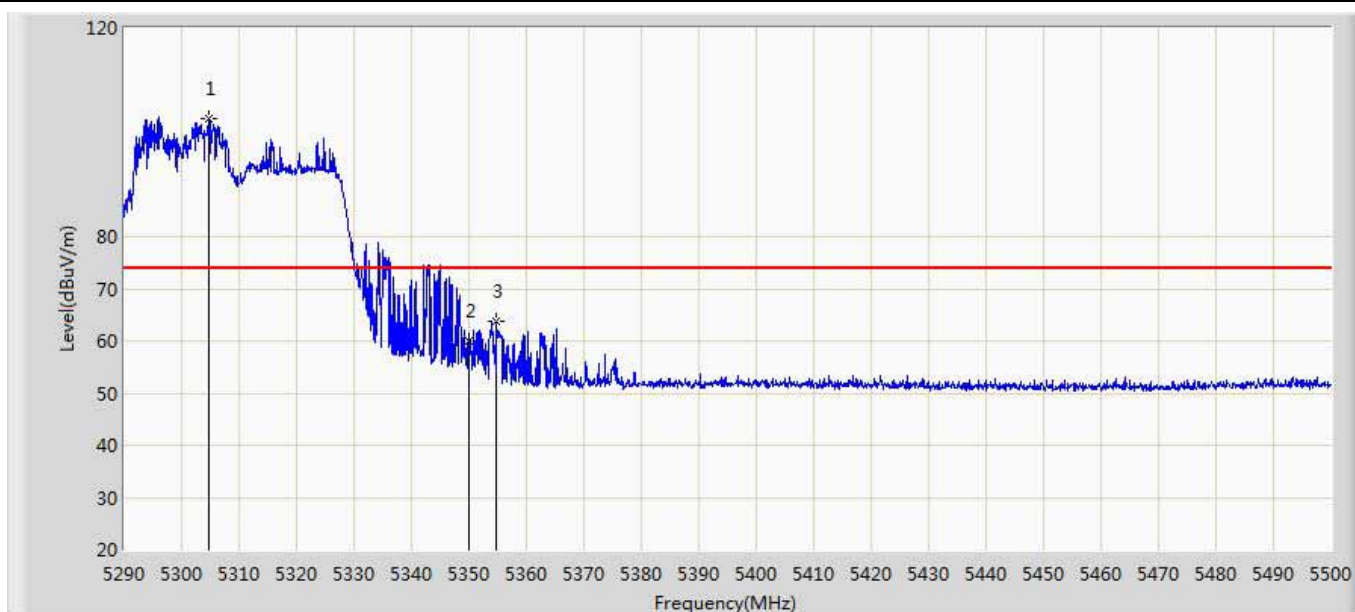
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5313.205	83.531	43.628	29.531	54.000	39.903	AV
2		5350.000	40.973	1.102	-13.027	54.000	39.871	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 11:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 4:Transmit 5310MHz by 11ac40 Ant1+2+3	



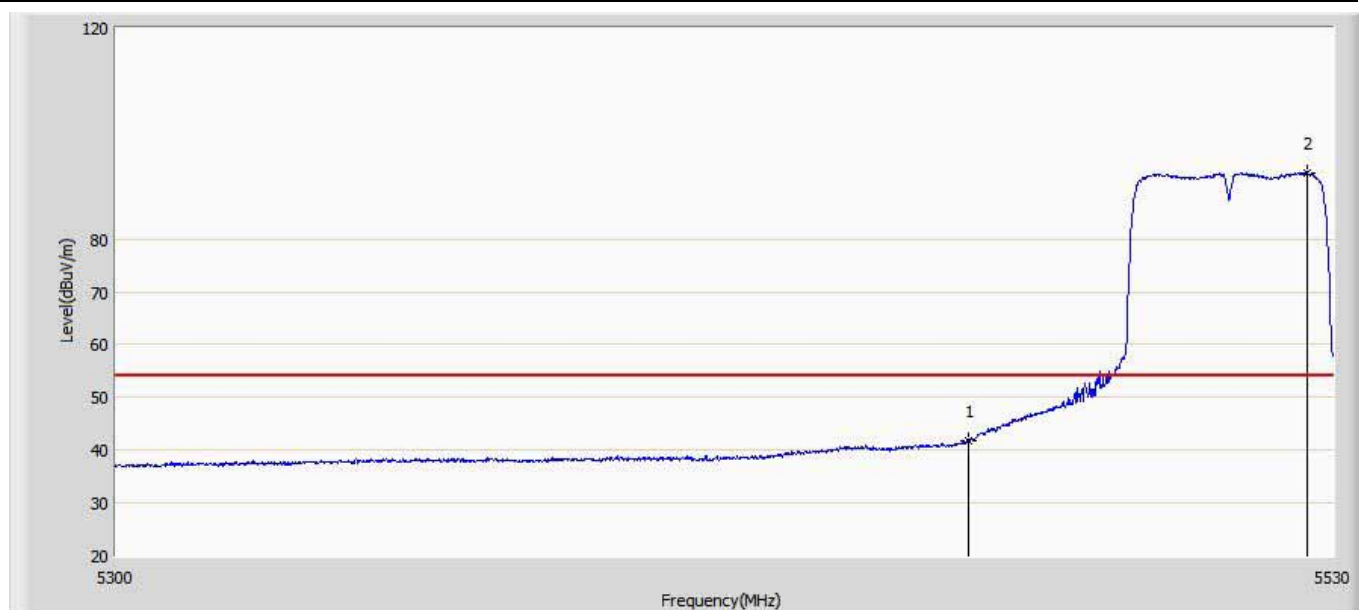
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5295.985	108.261	68.432	34.261	74.000	39.830	PK
2		5350.000	64.906	25.035	-9.094	74.000	39.871	PK
3		5361.715	70.360	30.473	-3.640	74.000	39.887	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 11:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 4:Transmit 5310MHz by 11ac40 Ant1+2+3	



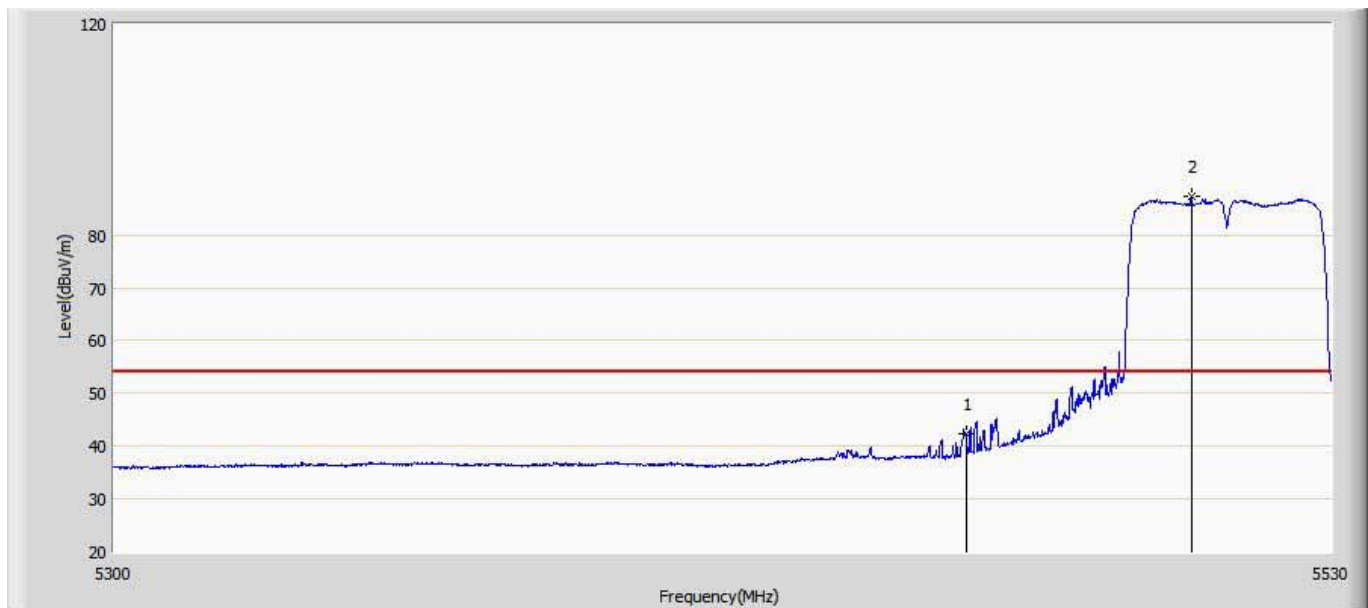
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5304.805	102.559	62.711	28.559	74.000	39.848	PK
2		5350.000	59.996	20.125	-14.004	74.000	39.871	PK
3		5354.785	63.710	23.834	-10.290	74.000	39.876	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/07 - 17:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5510MHz by 802.11ac40 Ant1+2+3	



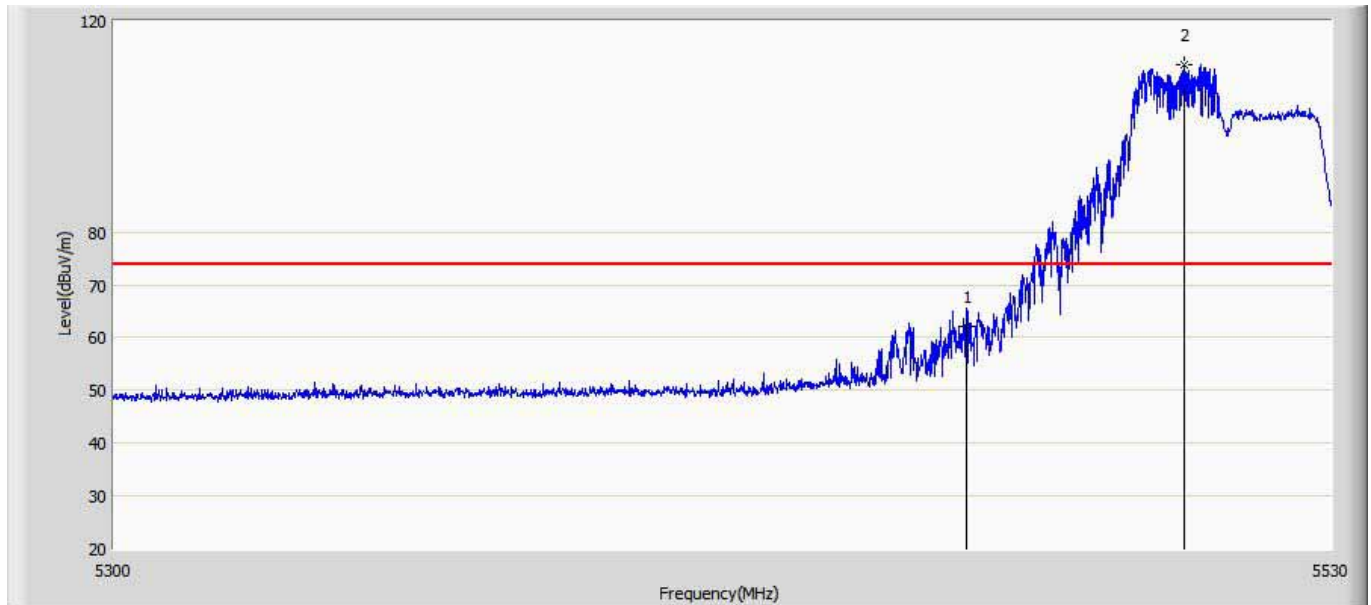
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	41.901	3.755	-12.099	54.000	38.146	AV
2	*	5524.940	92.632	54.493	38.632	54.000	38.139	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/07 - 17:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5510MHz by 802.11ac40 Ant1+2+3	



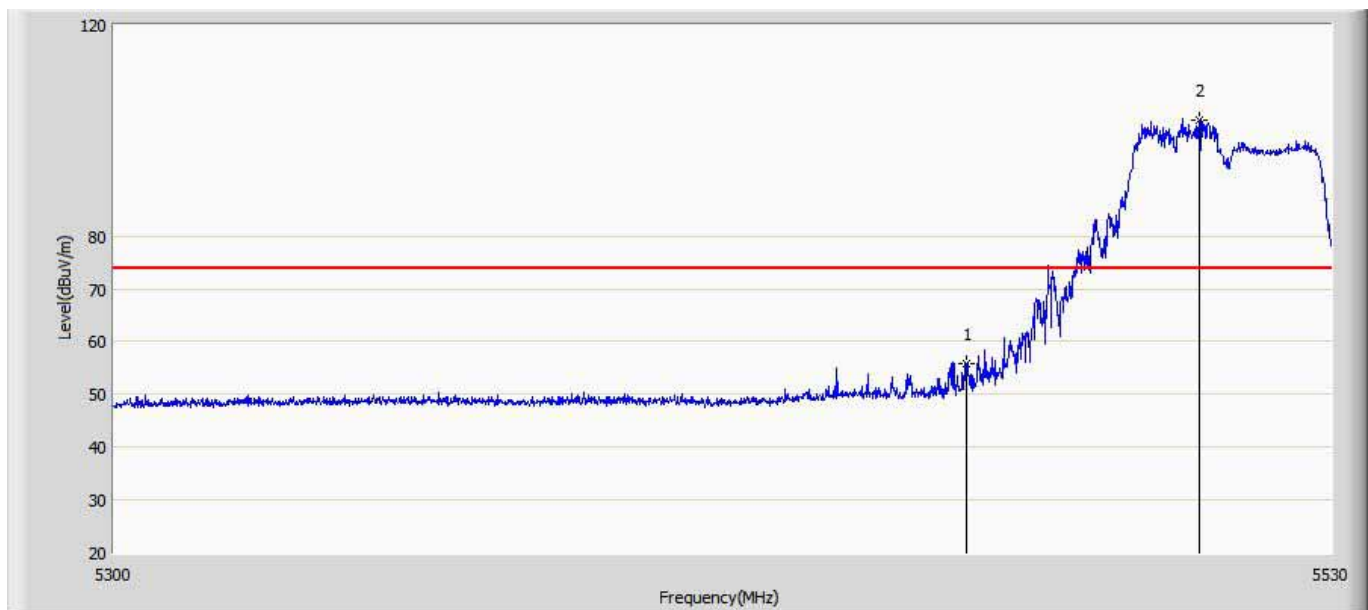
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	42.364	4.218	-11.636	54.000	38.146	AV
2	*	5503.090	87.305	49.198	33.305	54.000	38.107	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/07 - 17:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5510MHz by 802.11ac40 Ant1+2+3	



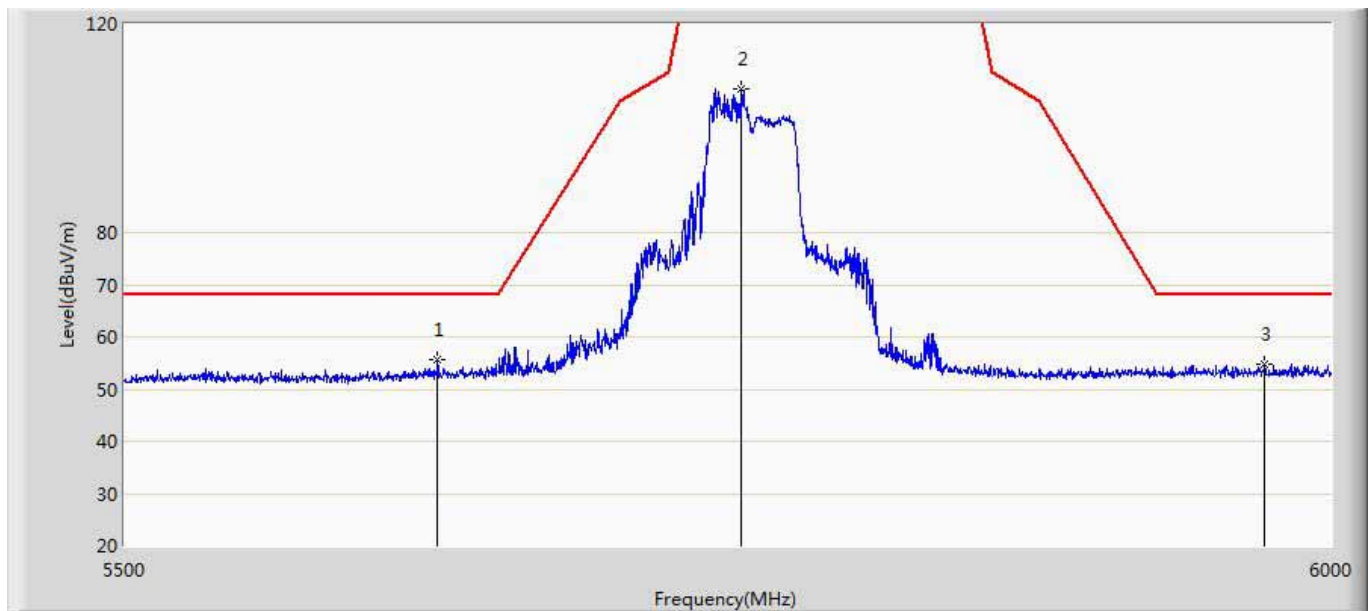
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	62.127	23.981	-11.873	74.000	38.146	PK
2	*	5501.710	111.786	73.677	37.786	74.000	38.109	PK

Profile: T9UH	Page No.: 133
Engineer: Eric	
Site: AC5	Time: 2017/09/07 - 17:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5510MHz by 802.11ac40 Ant1+2+3	



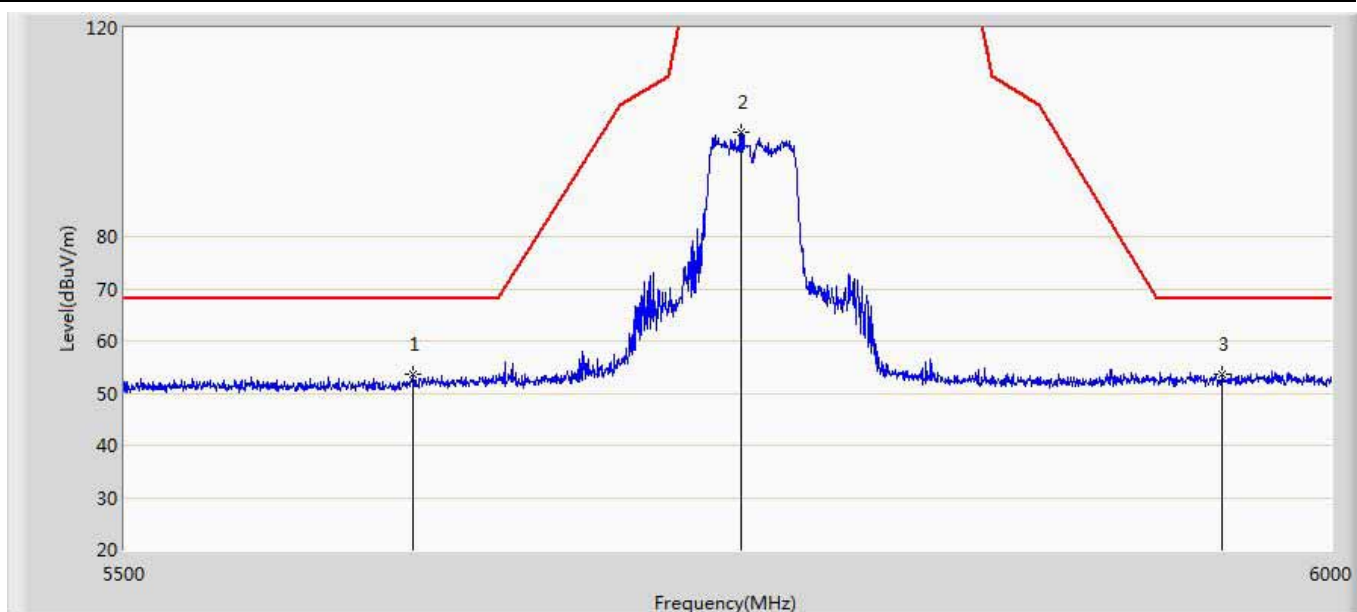
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	55.794	17.648	-18.206	74.000	38.146	PK
2	*	5504.700	101.851	63.747	27.851	74.000	38.104	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 20:03
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 4:Transmit 5755MHz by 11ac40 Ant1+2+3	



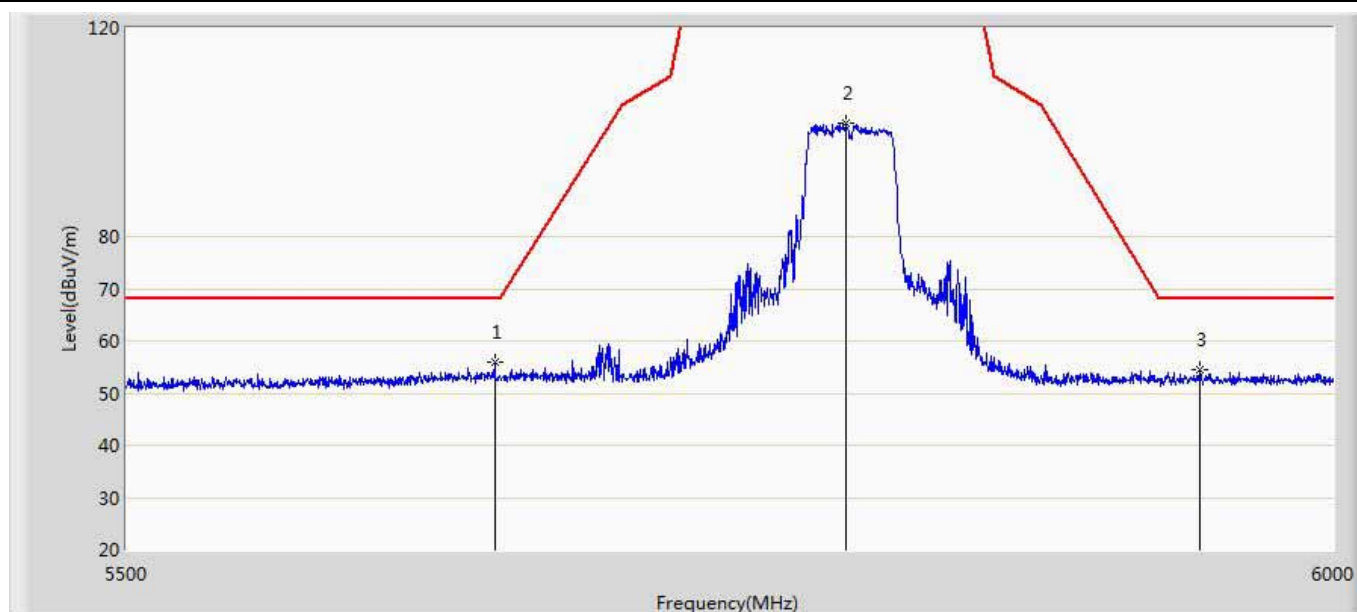
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5625.750	55.537	14.997	-12.663	68.200	40.539	PK
2		5750.000	107.550	66.952	-14.650	122.200	40.598	PK
3		5971.500	54.680	13.658	-13.520	68.200	41.022	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 20:07
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 4:Transmit 5755MHz by 11ac40 Ant1+2+3	



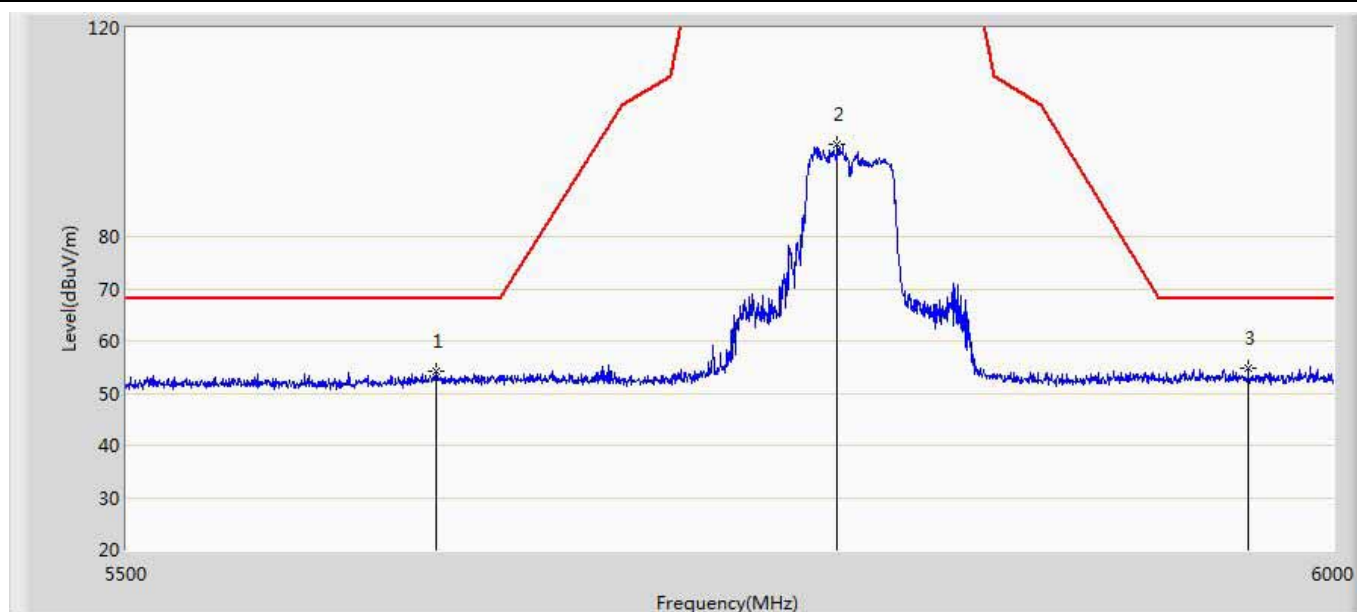
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5616.000	53.622	13.189	-14.578	68.200	40.434	PK
2		5750.000	100.101	59.503	-22.099	122.200	40.598	PK
3	*	5953.250	53.656	12.624	-14.544	68.200	41.032	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 20:08
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 4:Transmit 5795MHz by 11ac40 Ant1+2+3	



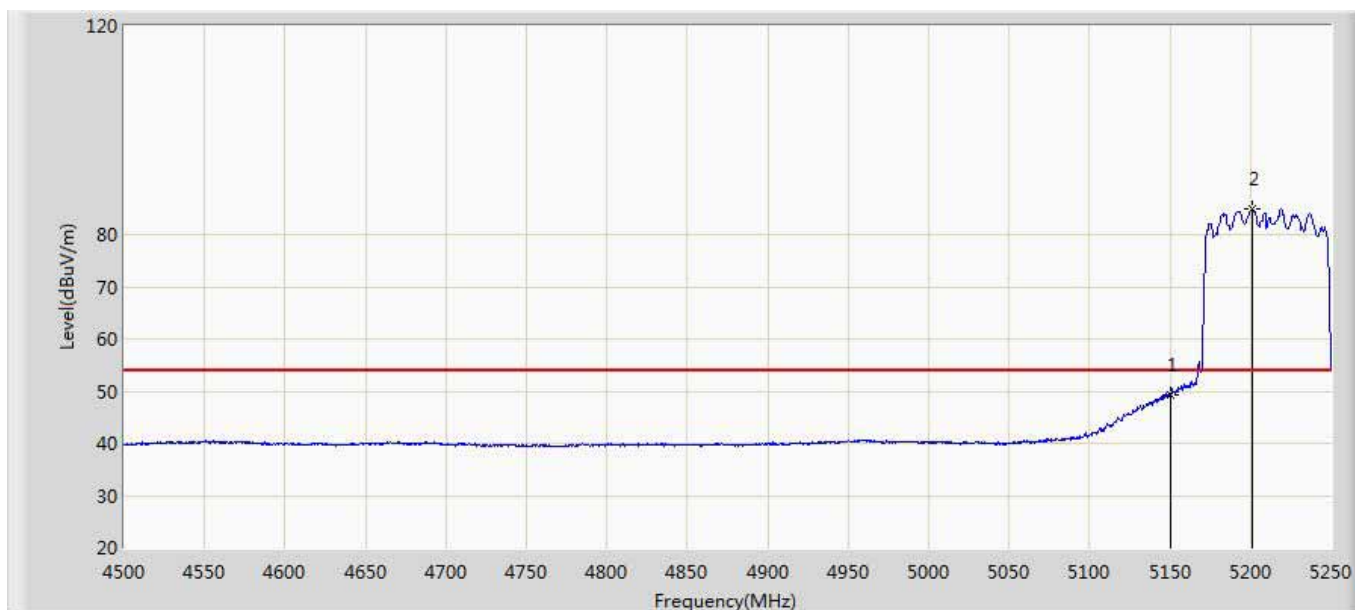
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5648.000	56.069	15.662	-12.131	68.200	40.408	PK
2		5792.750	101.867	61.109	-20.333	122.200	40.758	PK
3		5943.000	54.405	13.396	-13.795	68.200	41.009	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 20:11
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 4:Transmit 5795MHz by 11ac40 Ant1+2+3	



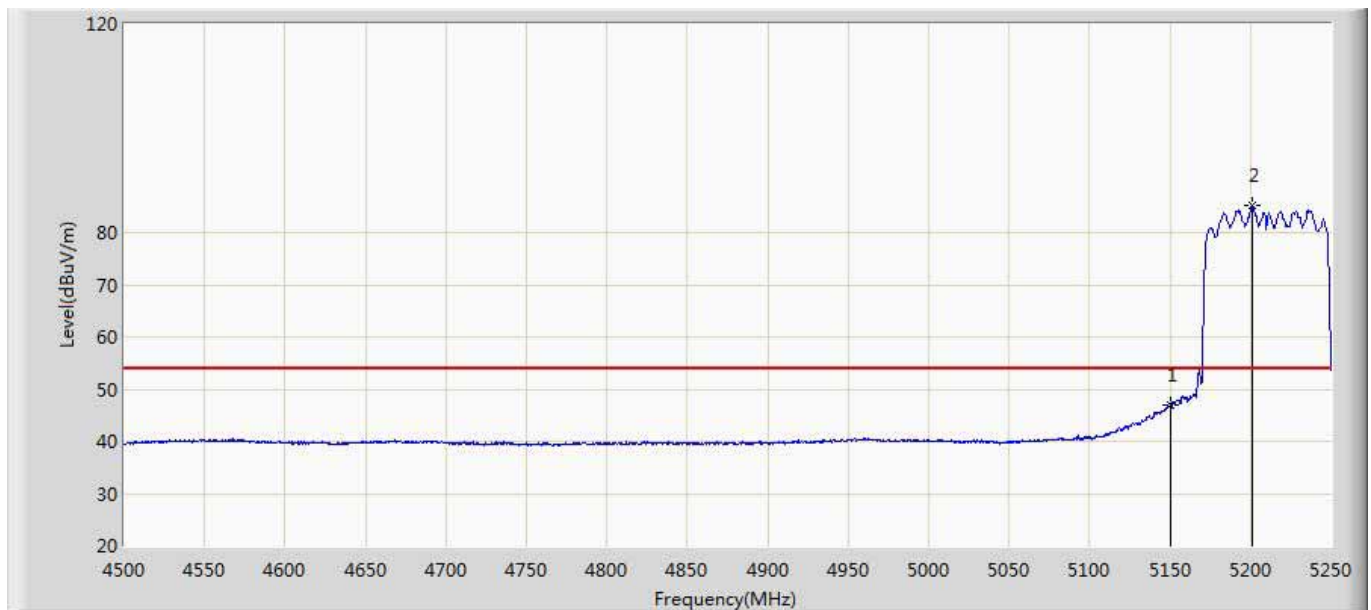
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5624.500	54.183	13.628	-14.017	68.200	40.556	PK
2		5789.500	97.545	56.809	-24.655	122.200	40.737	PK
3	*	5963.500	54.815	13.806	-13.385	68.200	41.009	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 07:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 5:Transmit 5210MHz by 11ac80 Ant1+2+3	



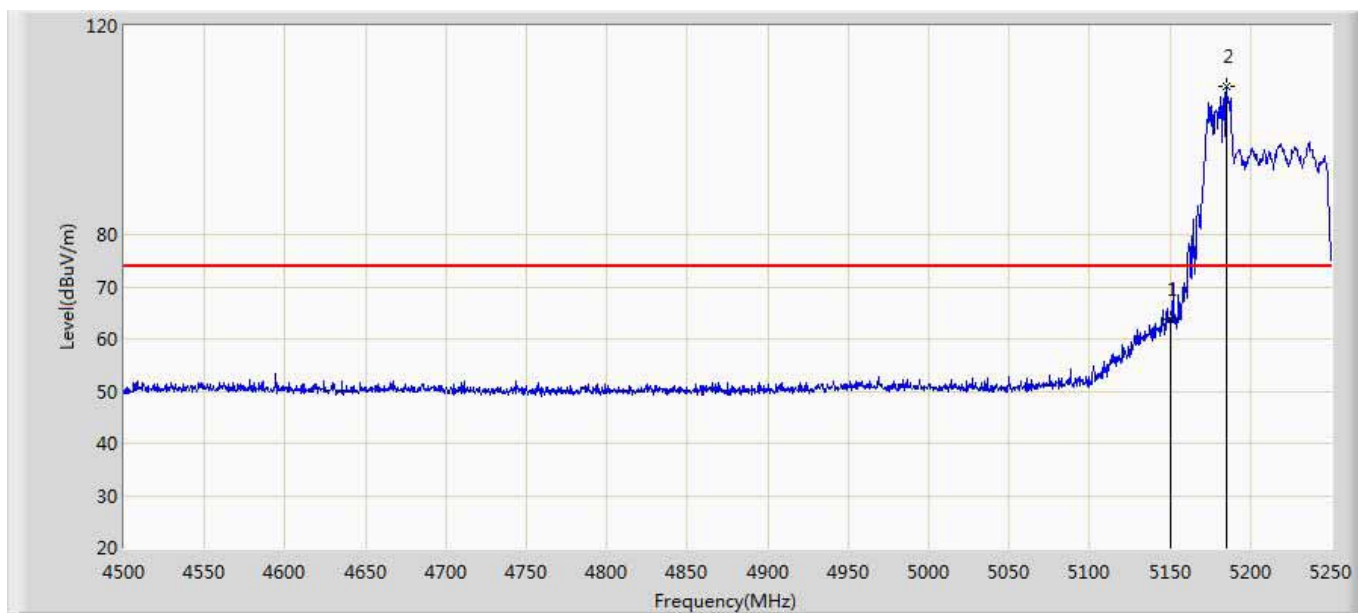
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	49.419	9.885	-4.581	54.000	39.534	AV
2	*	5200.875	84.975	45.266	30.975	54.000	39.709	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 07:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 5:Transmit 5210MHz by 11ac80 Ant1+2+3	



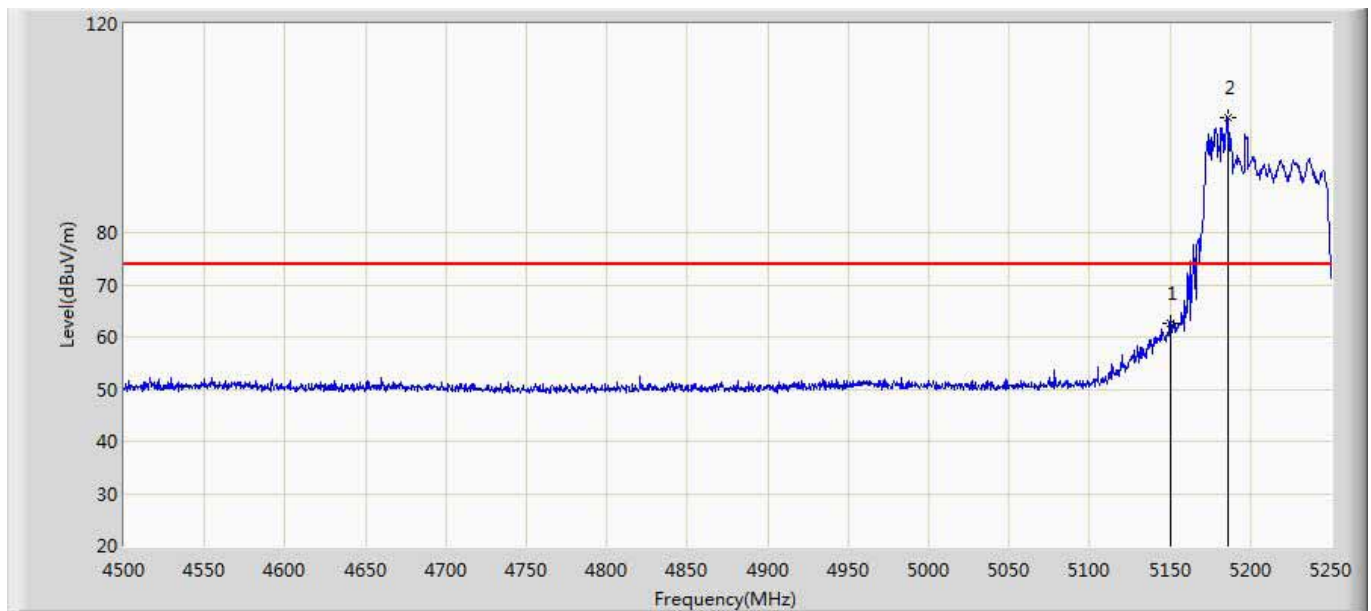
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	46.844	7.310	-7.156	54.000	39.534	AV
2	*	5200.875	85.245	45.536	31.245	54.000	39.709	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 07:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 5:Transmit 5210MHz by 11ac80 Ant1+2+3	



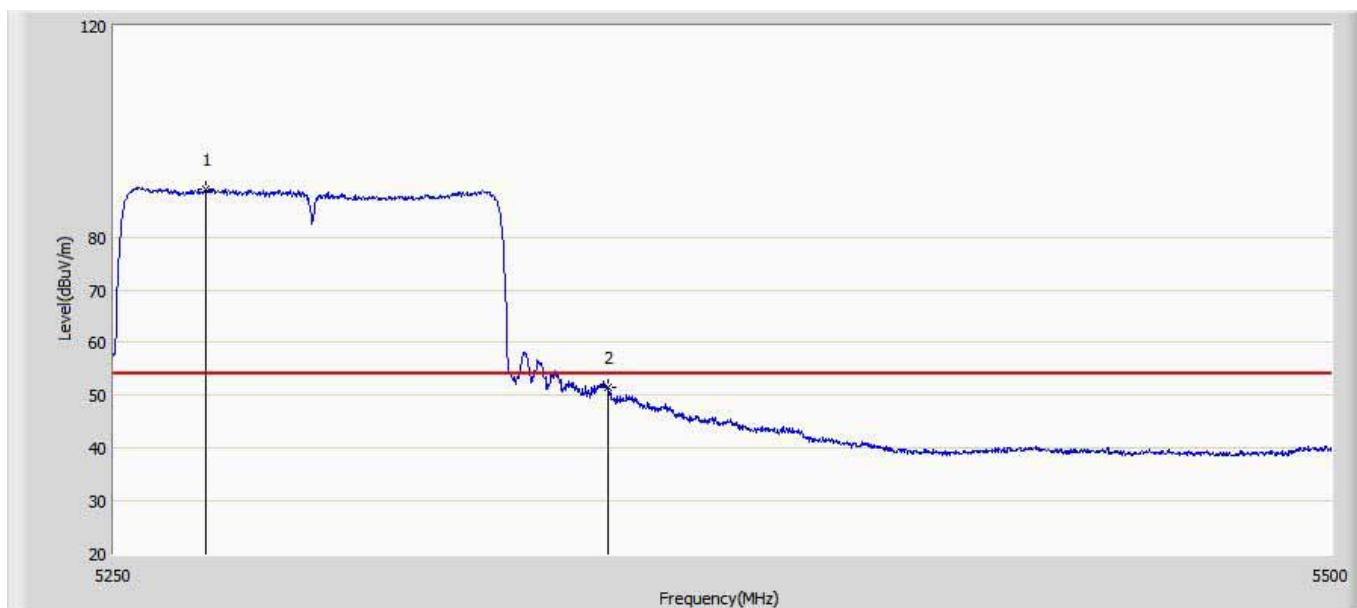
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	63.898	24.364	-10.102	74.000	39.534	PK
2	*	5184.750	108.429	68.850	34.429	74.000	39.579	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 07:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 5:Transmit 5210MHz by 11ac80 Ant1+2+3	



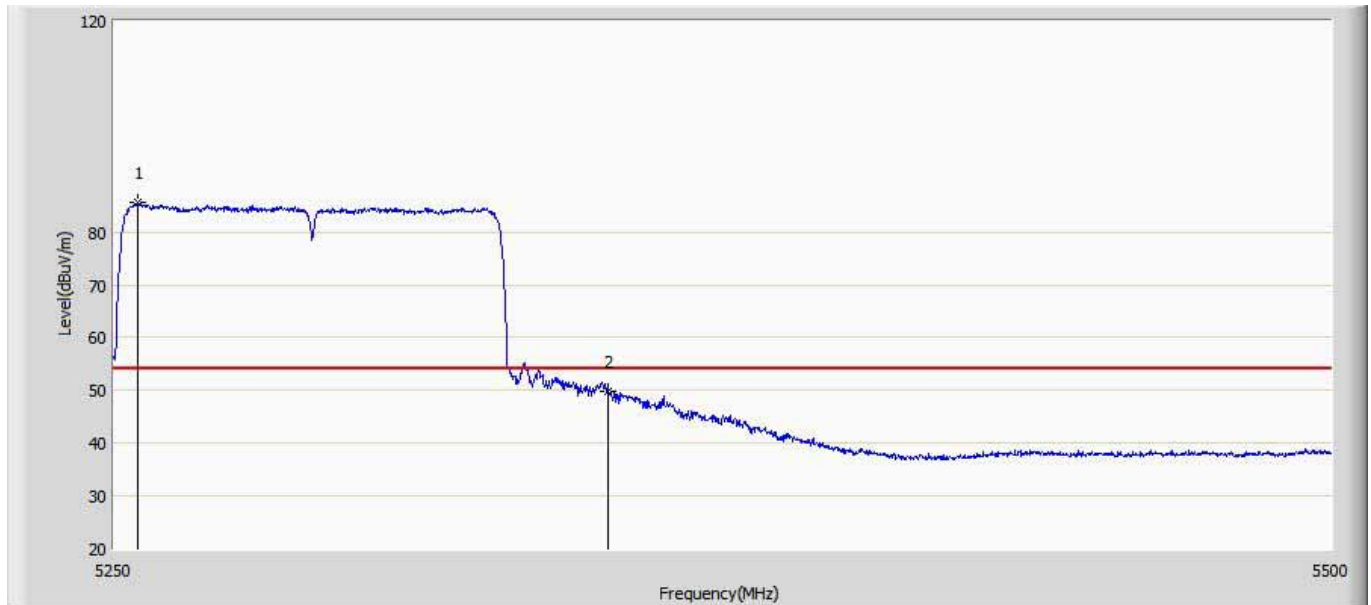
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	62.549	23.015	-11.451	74.000	39.534	PK
2	*	5185.875	102.156	62.567	28.156	74.000	39.589	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/07 - 17:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5290MHz by 802.11ac80 Ant1+2+3	



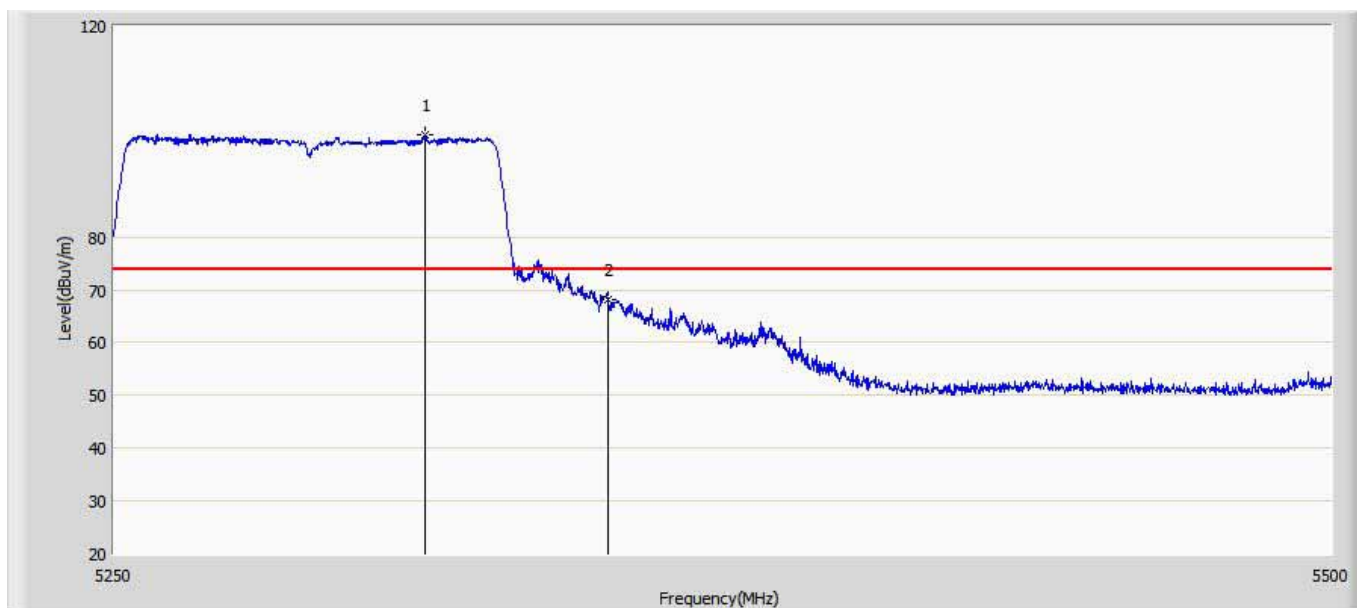
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5268.500	89.175	52.529	35.175	54.000	36.646	AV
2		5350.000	51.409	14.623	-2.591	54.000	36.786	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/07 - 18:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5290MHz by 802.11ac80 Ant1+2+3	



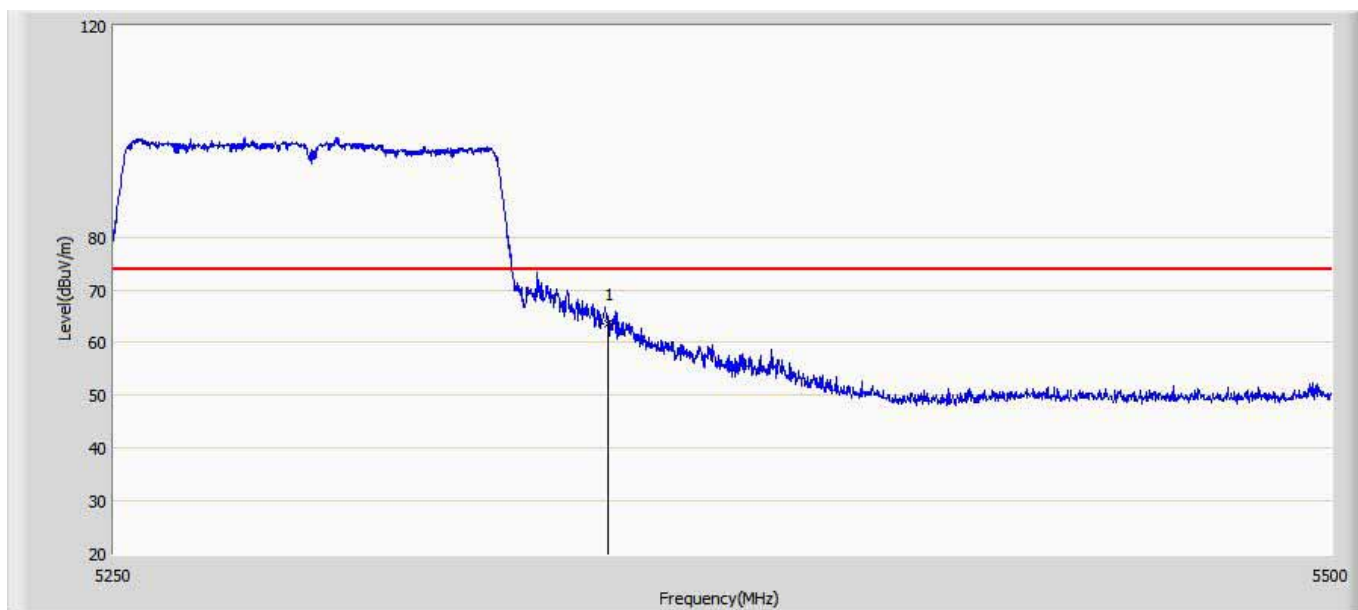
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5254.750	85.703	48.993	31.703	54.000	36.710	AV
2		5350.000	49.814	13.028	-4.186	54.000	36.786	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/07 - 18:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5290MHz by 802.11ac80 Ant1+2+3	



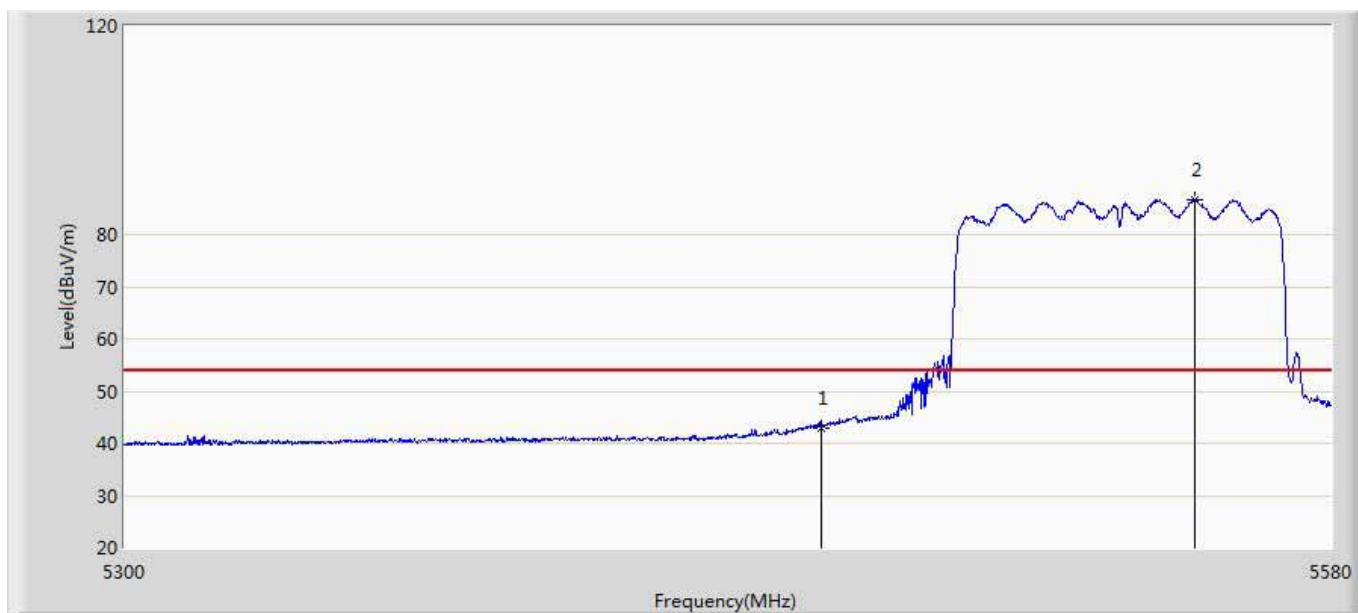
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5313.000	99.360	62.667	25.360	74.000	36.693	PK
2		5350.000	68.089	31.303	-5.911	74.000	36.786	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/07 - 18:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5290MHz by 802.11ac80 Ant1+2+3	



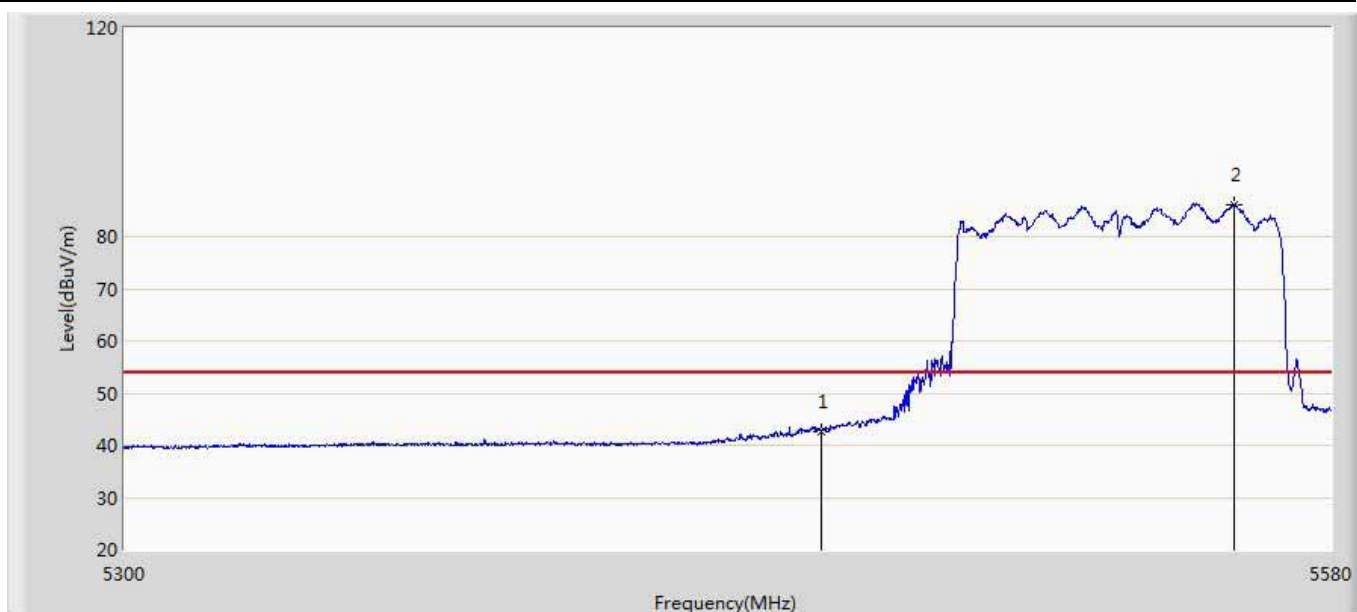
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5350.000	63.662	26.876	-10.338	74.000	36.786	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 20:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 5:Transmit 5530MHz by 11ac80 Ant1+2+3	



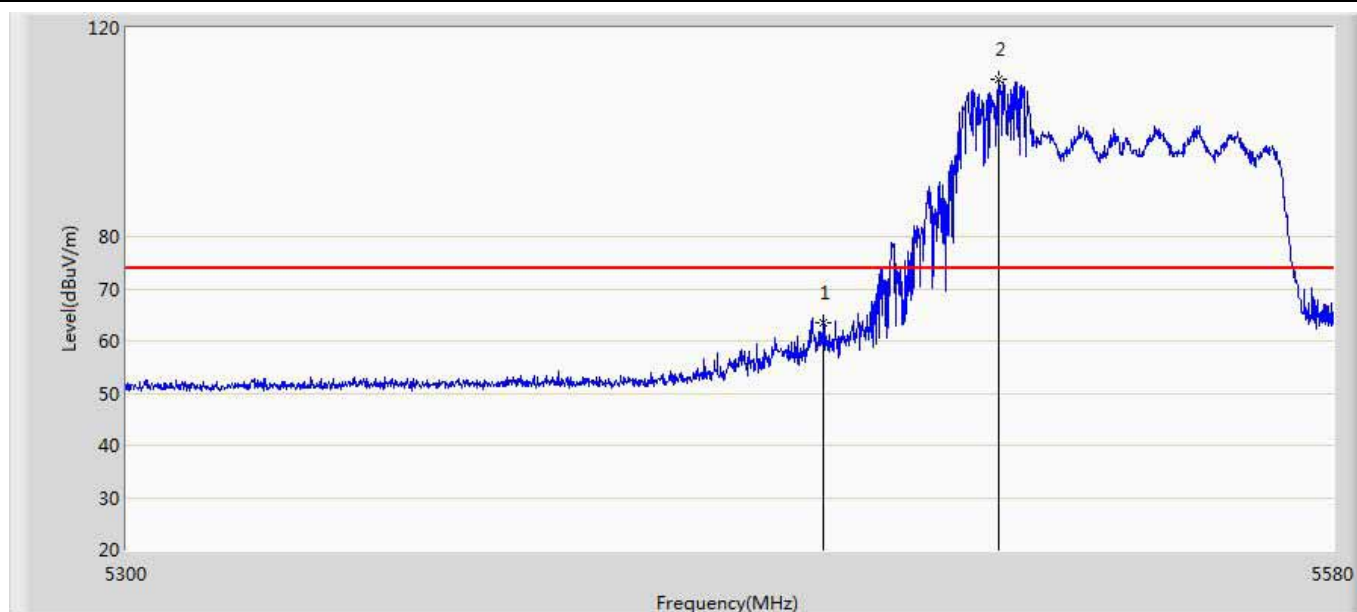
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	42.900	2.866	-11.100	54.000	40.034	AV
2	*	5547.520	86.808	46.572	32.808	54.000	40.237	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 20:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 5:Transmit 5530MHz by 11ac80 Ant1+2+3	



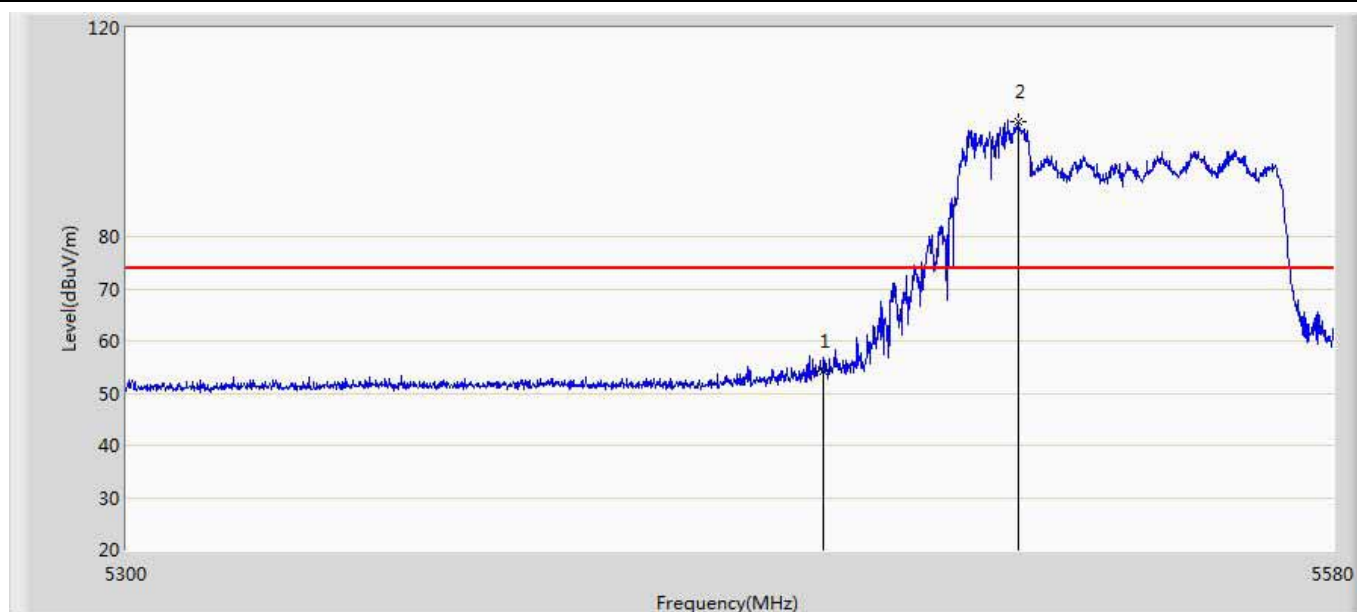
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	42.623	2.589	-11.377	54.000	40.034	AV
2	*	5557.180	86.024	45.858	32.024	54.000	40.166	AV

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 20:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 5:Transmit 5530MHz by 11ac80 Ant1+2+3	



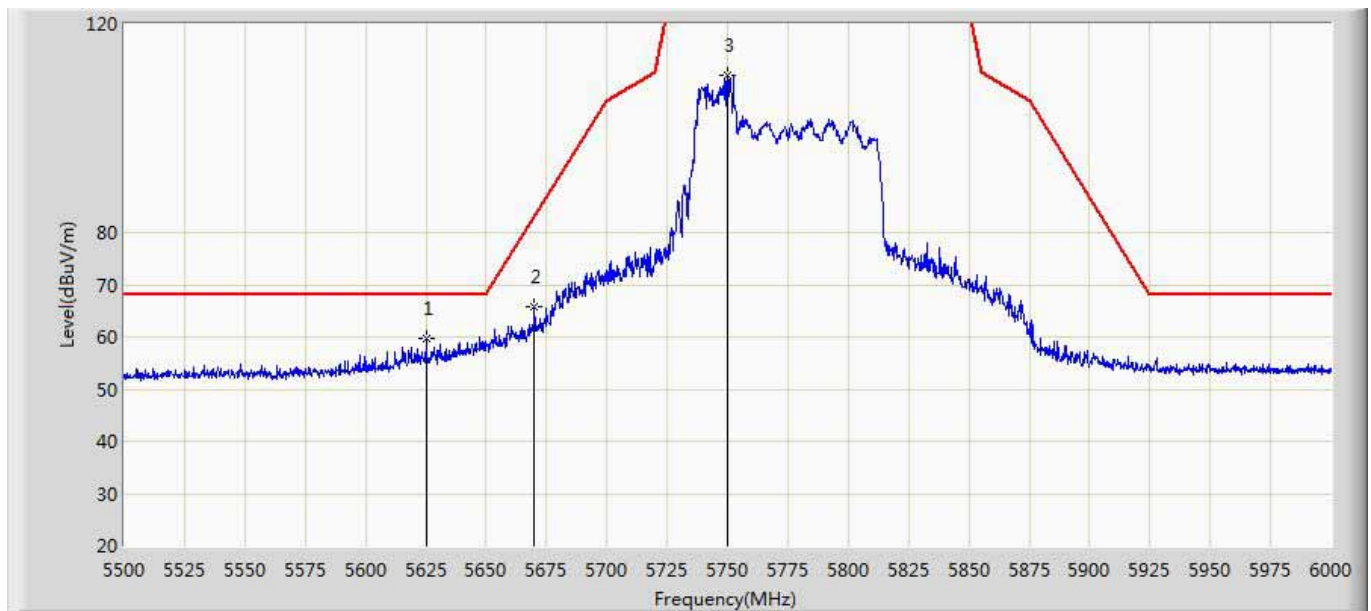
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	63.489	23.455	-10.511	74.000	40.034	PK
2	*	5501.180	110.269	70.147	36.269	74.000	40.122	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 20:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 5:Transmit 5530MHz by 11ac80 Ant1+2+3	



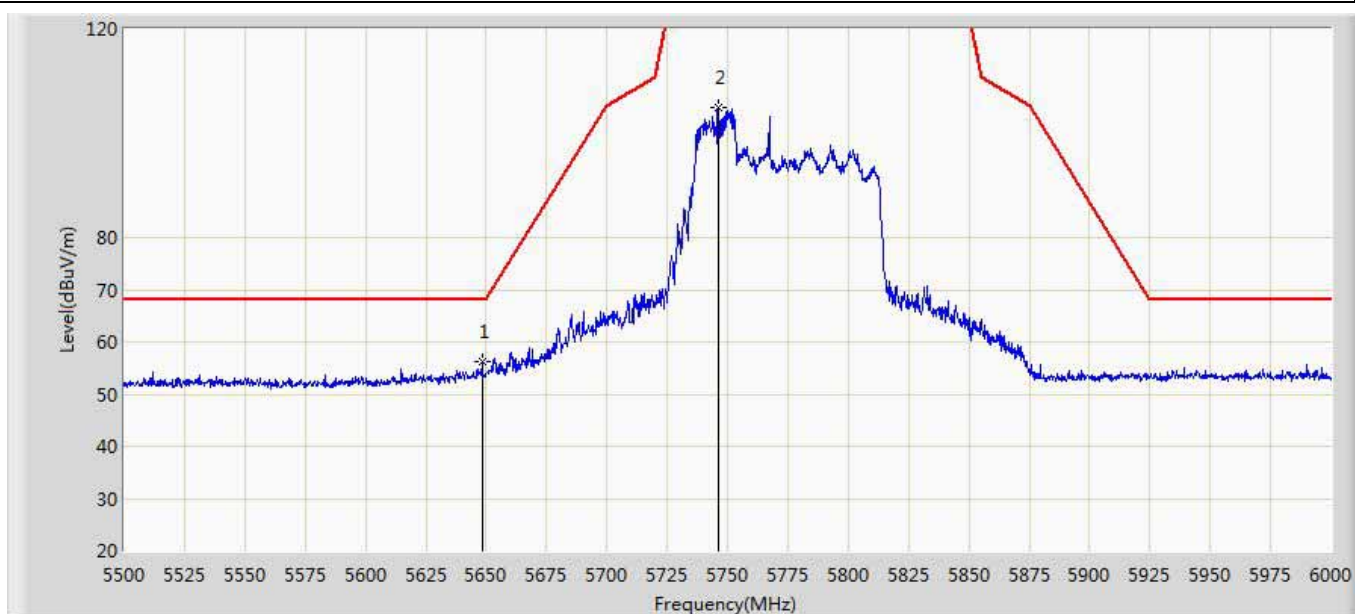
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	54.279	14.245	-19.721	74.000	40.034	PK
2	*	5505.660	102.035	61.923	28.035	74.000	40.112	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 07:59
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 5:Transmit 5775MHz by 11ac80 Ant1+2+3	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5625.250	59.588	19.042	-8.612	68.200	40.546	PK
2		5670.000	65.678	25.184	-17.322	83.000	40.494	PK
3		5749.750	110.075	69.478	-12.125	122.200	40.598	PK

Engineer: Eric	
Site: AC5	Time: 2017/09/08 - 07:52
Limit: FCC-15.407 new new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC1900 High Gain Wireless Dual Band USB Adapter	Power: AC 120V/60Hz
Note: Mode 5:Transmit 5775MHz by 11ac80 Ant1+2+3	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5648.250	56.294	15.884	-11.906	68.200	40.409	PK
2		5746.250	104.990	64.401	-17.210	122.200	40.590	PK

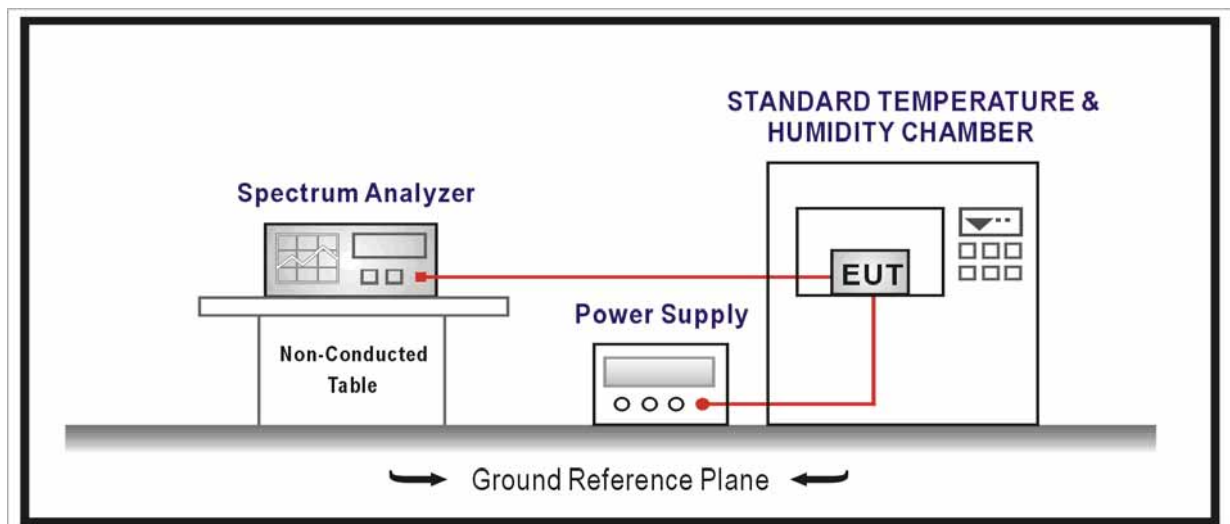
10. Frequency Stability

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	2017.09.16	2018.09.16
DC Power Supply	IDRC	CD-035-020PR	977272	2017.09.16	2018.09.16
Programmable Temperature & Humidity Chamber	Gaoyu	TH-1P-B	WIT-05121302	2017.01.04	2018.01.04
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



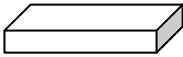
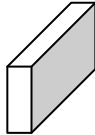
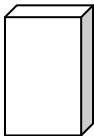
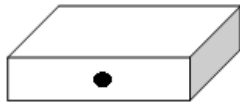
10.3. Limit

Frequency Stability Limit	
UNII Devices	
☒	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 ± 25 ppm 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	☐	Indoor use		
	☐	Outdoor use		
	☐	Fix position use		
	☒	Client use		
Test mode	Mode 1-5			
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	: AC1900 High Gain Wireless Dual Band USB Adapter	Power	: AC 120V/60Hz
Test Mode	: Carrier Wave	Test Site	: TR8
Test Date	: 2017.09.04		

Frequency Stability under Temperature at 0min

Temperature Interval (°C)	Test Frequency (MHz)	Deviation (Hz)
-30	5220.000	156
	5785.000	-171
-20	5220.000	-163
	5785.000	198
-10	5220.000	-134
	5785.000	-101
0	5220.000	115
	5785.000	102
10	5220.000	-118
	5785.000	174
20	5220.000	-201
	5785.000	-157
30	5220.000	216
	5785.000	-133
40	5220.000	-98
	5785.000	107
50	5220.000	105
	5785.000	-124

Frequency Stability under Temperature at 2min

Temperature Interval (°C)	Test Frequency (MHz)	Deviation (Hz)
-30	5220.000	167
	5785.000	-191
-20	5220.000	-129
	5785.000	212
-10	5220.000	-122
	5785.000	-90
0	5220.000	111
	5785.000	107
10	5220.000	-125
	5785.000	172
20	5220.000	-215
	5785.000	-136
30	5220.000	224
	5785.000	-118
40	5220.000	-105
	5785.000	122
50	5220.000	110
	5785.000	-128

Frequency Stability under Temperature at 5min

Temperature Interval (°C)	Test Frequency (MHz)	Deviation (Hz)
-30	5220.000	155
	5785.000	-186
-20	5220.000	-147
	5785.000	207
-10	5220.000	-134
	5785.000	-99
0	5220.000	125
	5785.000	103
10	5220.000	-131
	5785.000	176
20	5220.000	-219
	5785.000	-166
30	5220.000	202
	5785.000	-154
40	5220.000	-121
	5785.000	117
50	5220.000	109
	5785.000	-132

Frequency Stability under Temperature at 10min

Temperature Interval (°C)	Test Frequency (MHz)	Deviation (Hz)
-30	5220.000	174
	5785.000	-183
-20	5220.000	-139
	5785.000	217
-10	5220.000	-122
	5785.000	-101
0	5220.000	125
	5785.000	108
10	5220.000	-115
	5785.000	173
20	5220.000	-207
	5785.000	-148
30	5220.000	226
	5785.000	-147
40	5220.000	-122
	5785.000	113
50	5220.000	104
	5785.000	-135

Frequency Stability under Voltage

AC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)
102	5220.000	107
	5785.000	-116
120	5220.000	182
	5785.000	-214
138	5220.000	-163
	5785.000	225

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 _____