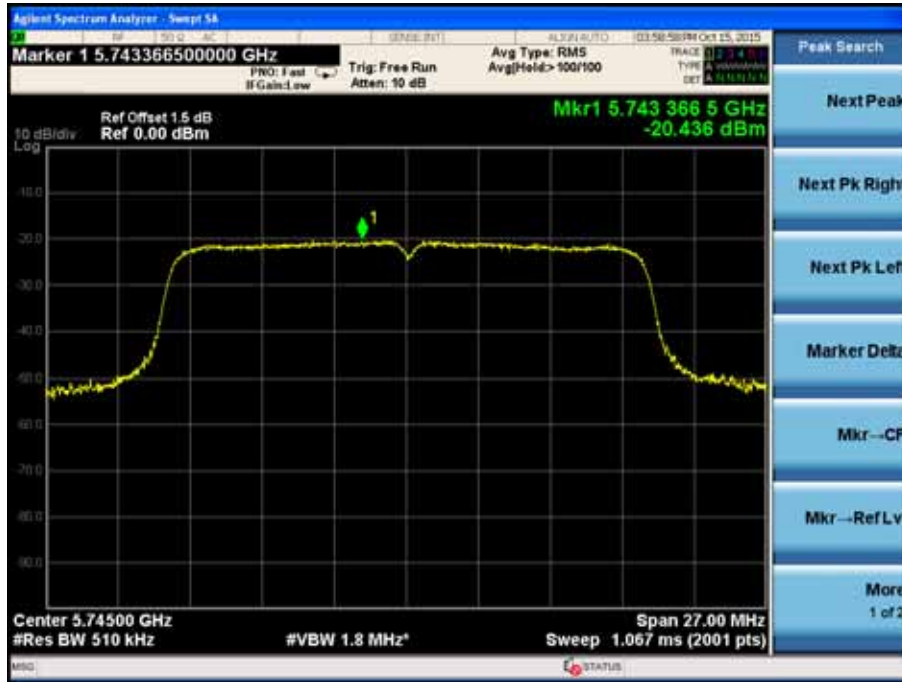


Channel 149



Channel 157



Channel 165



Product	:	AC450 Wireless Nano USB Adapter
Test Item	:	Peak Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 3: Transmit by 802.11n(40MHz)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm/MHz)	Duty Cycle (%)	Total PPSD (dBm/MHz)	Limit (dBm/MHz)
38	5190	-22.719	72.6	-21.328	11.0
46	5230	-16.137	72.6	-14.746	11.0
54	5270	-13.698	72.6	-12.307	11.0
62	5310	-22.890	72.6	-21.499	11.0
102	5510	-19.150	72.6	-17.759	11.0
110	5550	-15.577	72.6	-14.186	11.0
134	5670	-16.373	72.6	-14.982	11.0

Channel No.	Frequency (MHz)	Measurement Power Output (dBm/500KHz)	Duty Cycle (%)	Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)
151	5755	-26.555	72.6	-25.164	30.0
159	5795	-22.106	72.6	-20.715	30.0

Note1: When EUT duty cycle < 98%, the total PSD = Reading Level + 10*log(1/duty cycle)

Note2: The maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

Note3: For the band 5.725-5.85 GHz, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power.

Channel 38



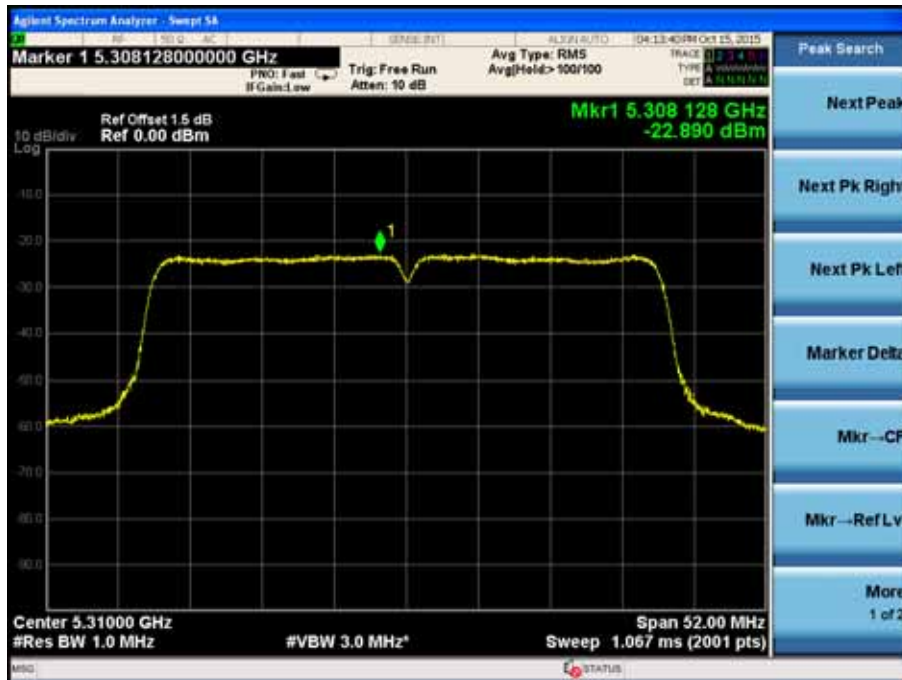
Channel 42



Channel 54



Channel 62



Channel 102



Channel 110



Channel 134



Channel 151



Channel 159



Product	:	AC450 Wireless Nano USB Adapter
Test Item	:	Peak Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 4: Transmit by 802.11ac(20MHz)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm/MHz)	Duty Cycle (%)	Total PPSD (dBm/MHz)	Limit (dBm/MHz)
36	5180	-21.325	84.76	-20.607	11.0
40	5200	-14.309	84.76	-13.591	11.0
48	5240	-10.854	84.76	-10.136	11.0
52	5260	-10.564	84.76	-9.846	11.0
60	5300	-11.271	84.76	-10.553	11.0
64	5320	-15.294	84.76	-14.576	11.0
100	5500	-10.958	84.76	-10.240	11.0
116	5580	-12.294	84.76	-11.576	11.0
132	5660	-12.778	84.76	-12.060	11.0
140	5700	-12.599	84.76	-11.881	11.0

Channel No.	Frequency (MHz)	Measurement Power Output (dBm/500KHz)	Duty Cycle (%)	Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)
149	5745	-20.039	84.76	-19.321	30.0
157	5785	-16.506	84.76	-15.788	30.0
165	5825	-19.295	84.76	-18.577	30.0

Note1: When EUT duty cycle < 98%, the total PSD = Reading Level + 10*log(1/duty cycle)

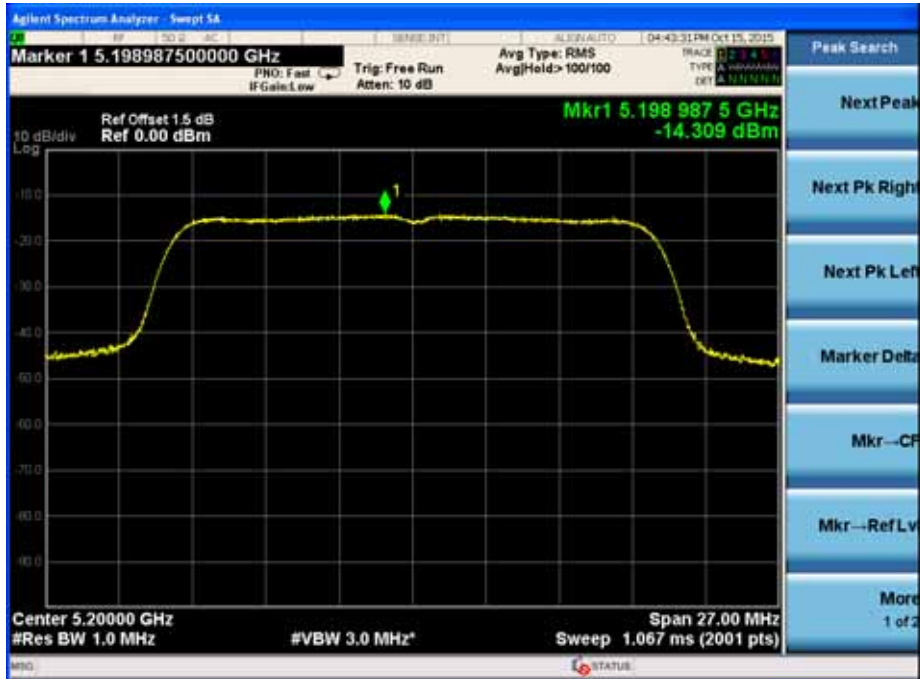
Note2: The maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

Note3: For the band 5.725-5.85 GHz, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power.

Channel 36



Channel 40



Channel 48



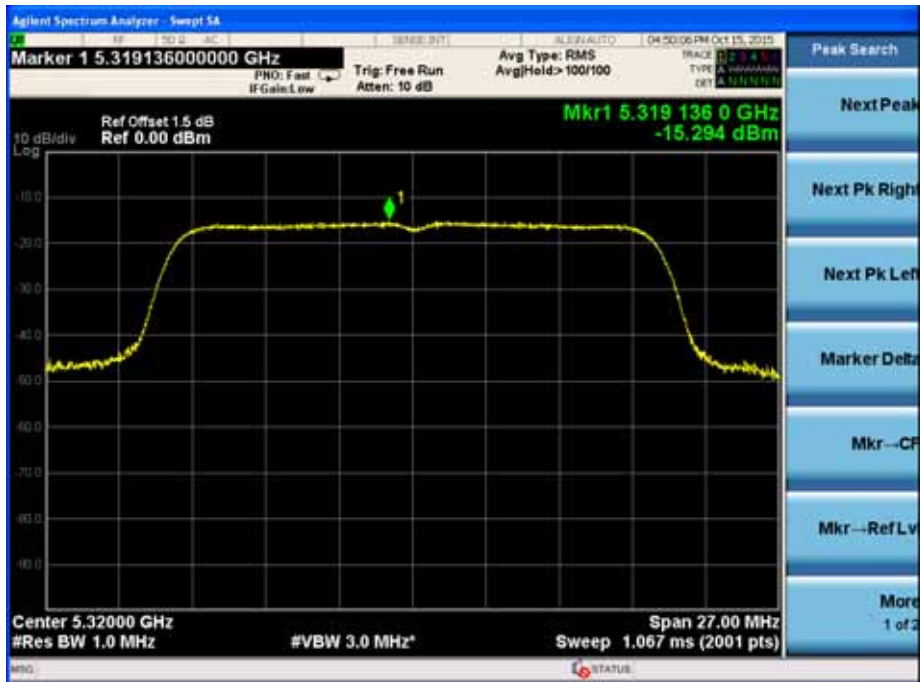
Channel 52



Channel 60



Channel 64



Channel 100



Channel 118



Channel 126



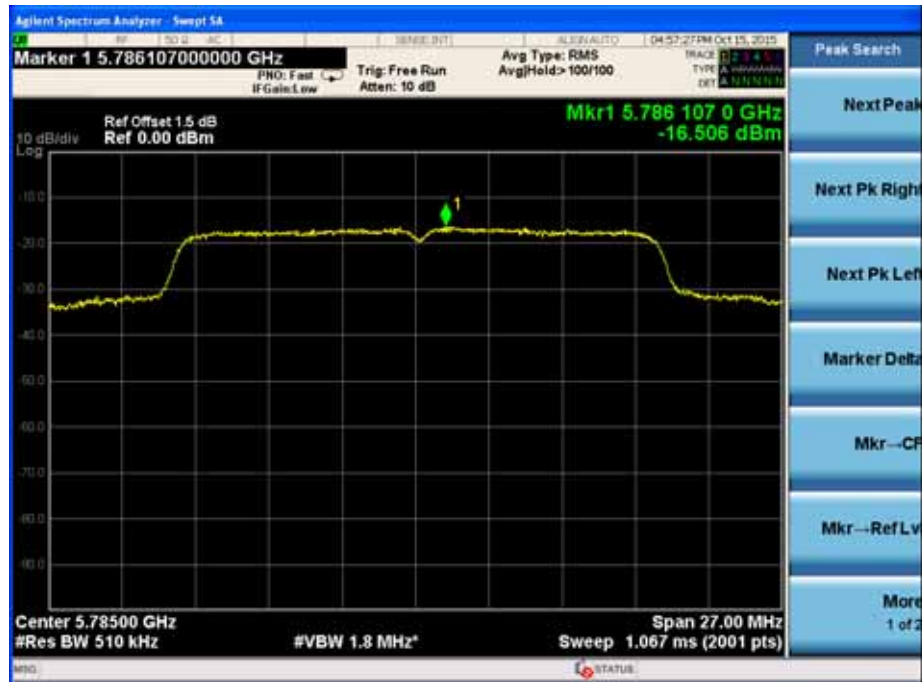
Channel 140



Channel 149



Channel 157



Channel 165



Product	:	AC450 Wireless Nano USB Adapter
Test Item	:	Peak Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 5: Transmit by 802.11ac(40MHz)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm/MHz)	Duty Cycle (%)	Total PPSD (dBm/MHz)	Limit (dBm/MHz)
38	5190	-26.008	74.74	-24.744	11.0
46	5230	-15.469	74.74	-14.205	11.0
54	5270	-14.203	74.74	-12.939	11.0
62	5310	-21.177	74.74	-19.913	11.0
102	5510	-19.183	74.74	-17.919	11.0
110	5550	-15.314	74.74	-14.050	11.0
134	5670	-16.725	74.74	-15.461	11.0

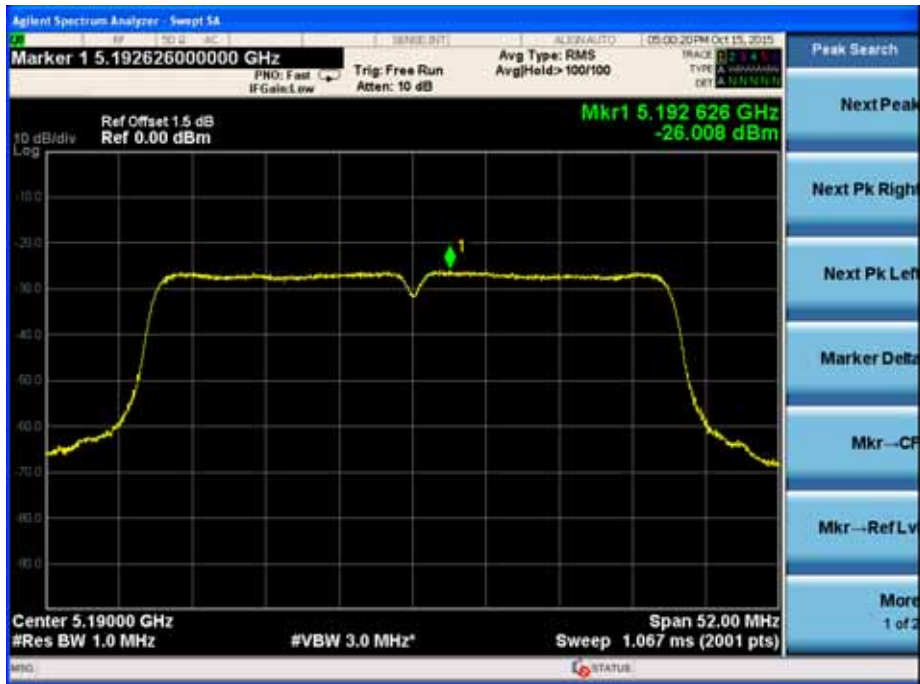
Channel No.	Frequency (MHz)	Measurement Power Output (dBm/500KHz)	Duty Cycle (%)	Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)
151	5755	-26.167	74.74	-24.903	30.0
159	5795	-21.580	74.74	-20.316	30.0

Note1: When EUT duty cycle < 98%, the total PSD = Reading Level + 10*log(1/duty cycle)

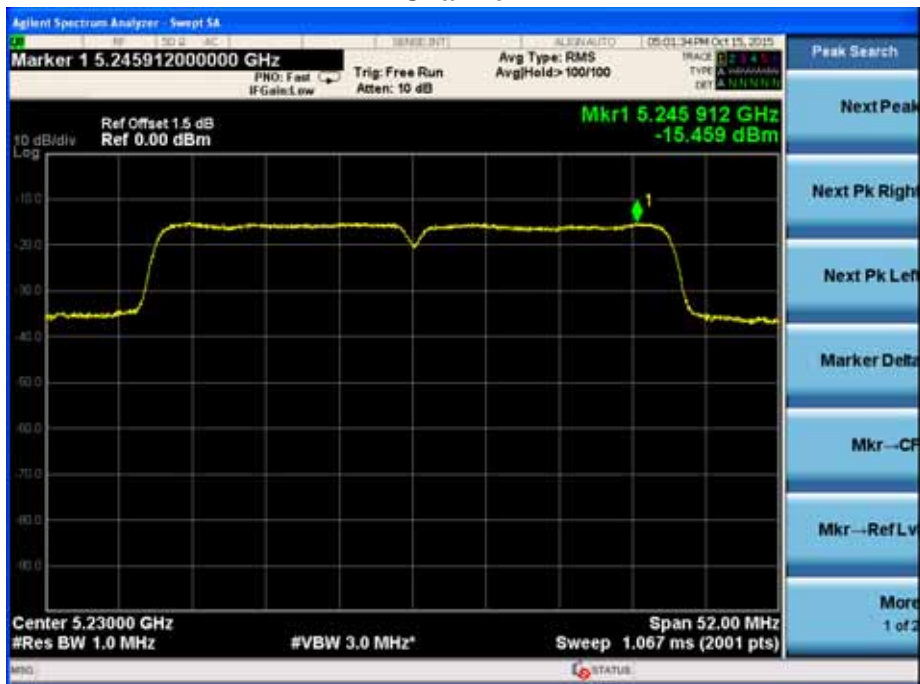
Note2: The maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

Note3: For the band 5.725-5.85 GHz, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power.

Channel 38



Channel 42



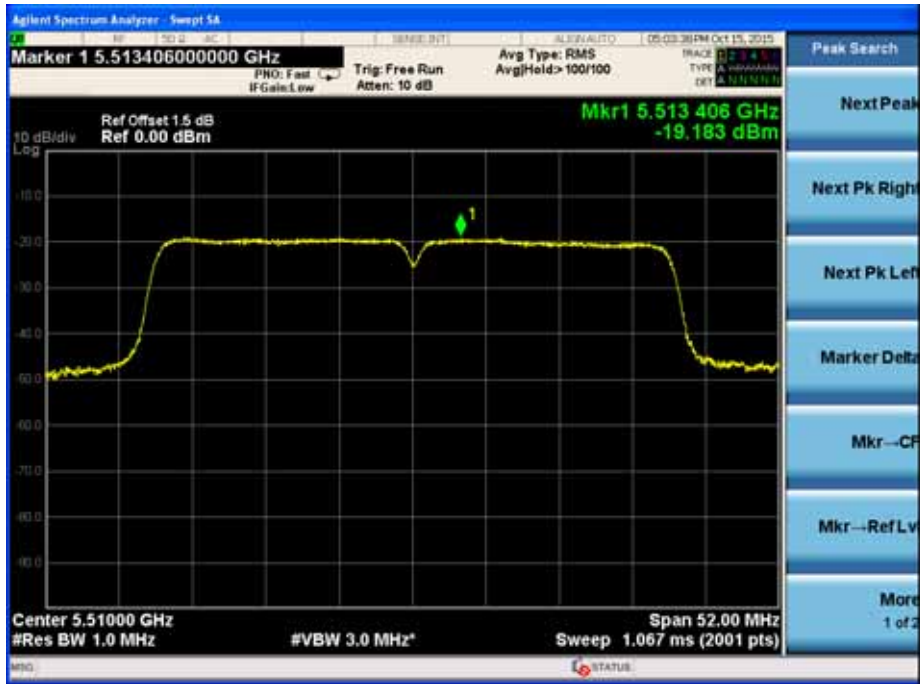
Channel 54



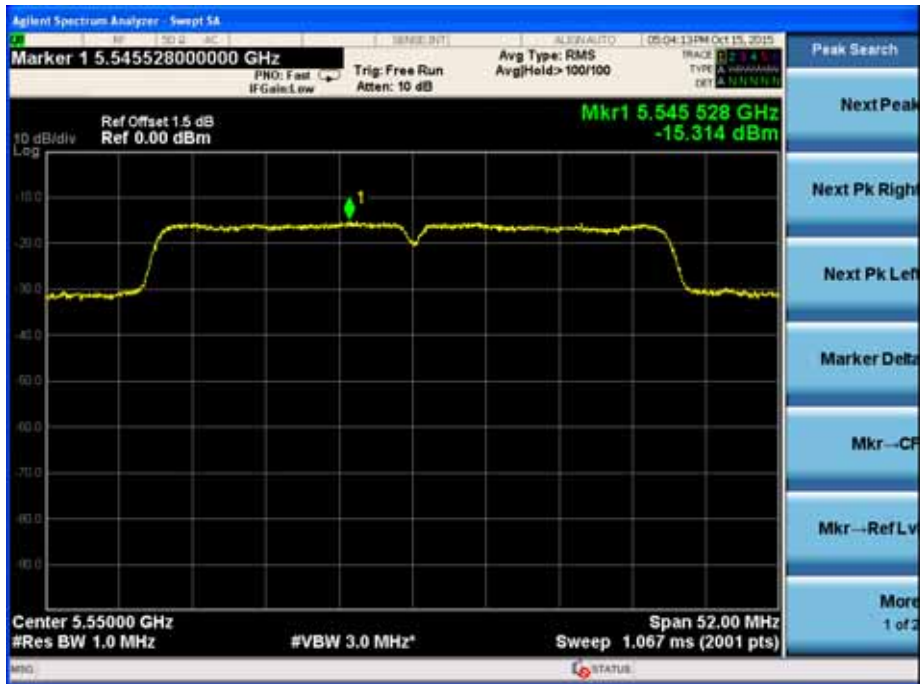
Channel 62



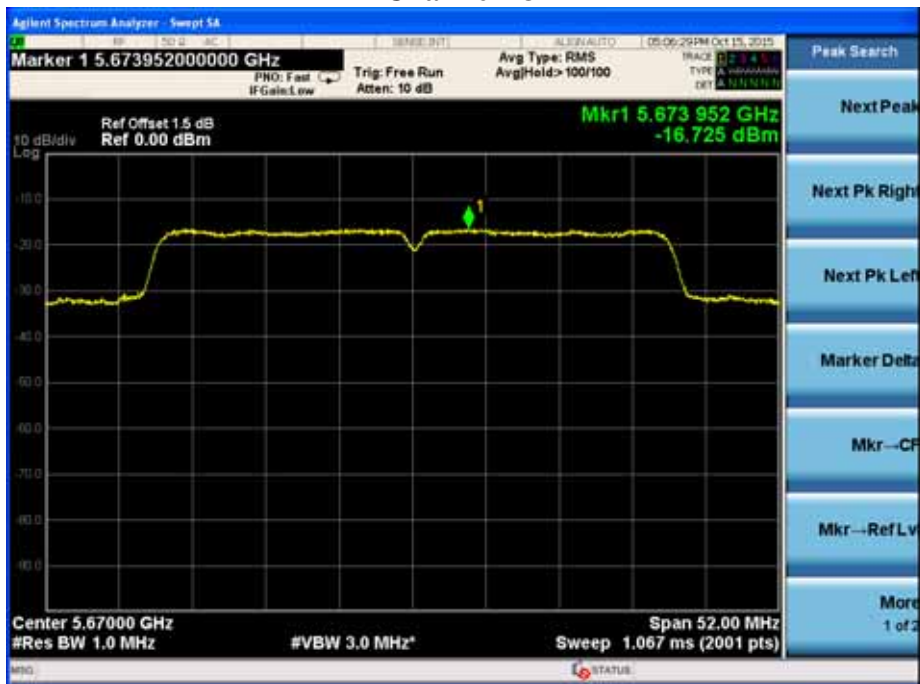
Channel 102



Channel 110



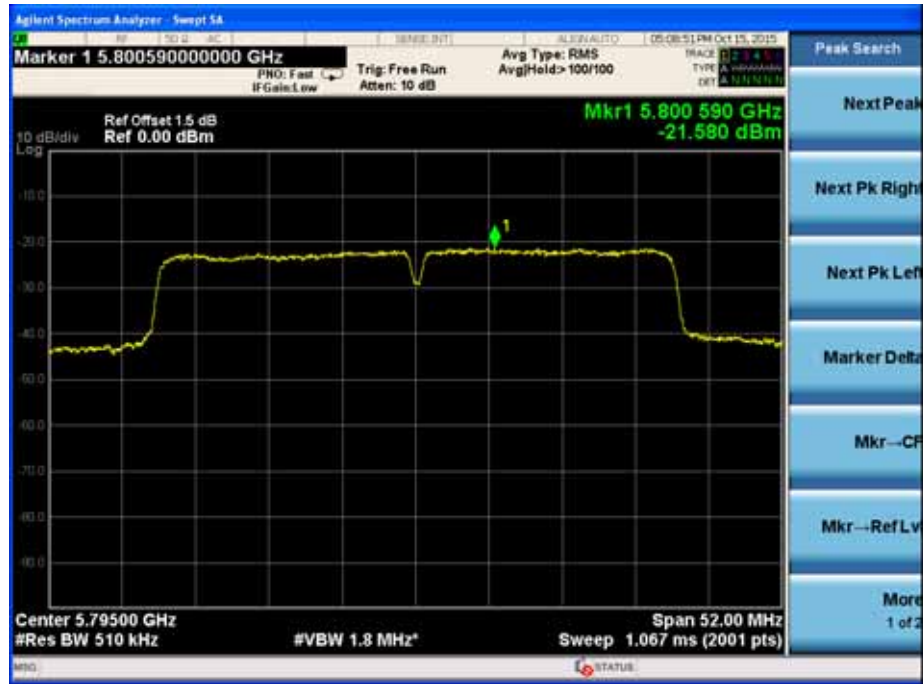
Channel 134



Channel 151



Channel 159



Product	:	AC450 Wireless Nano USB Adapter
Test Item	:	Peak Power Spectral Density
Test Site	:	TR-8
Test Mode	:	Mode 6: Transmit by 802.11ac(80MHz)

Channel No.	Frequency (MHz)	Measurement Power Output (dBm/MHz)	Duty Cycle (%)	Total PPSD (dBm/MHz)	Limit (dBm/MHz)
42	5210	-14.993	55.97	-12.473	11.0
58	5290	-12.220	55.97	-9.700	11.0
106	5530	-4.976	55.97	-2.456	11.0

Channel No.	Frequency (MHz)	Measurement Power Output (dBm/500KHz)	Duty Cycle (%)	Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)
155	5775	-11.528	55.97	-9.008	30.0

Note1: When EUT duty cycle < 98%, the total PSD = Reading Level + 10*log(1/duty cycle)

Note2: The maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

Note3: For the band 5.725-5.85 GHz, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power.

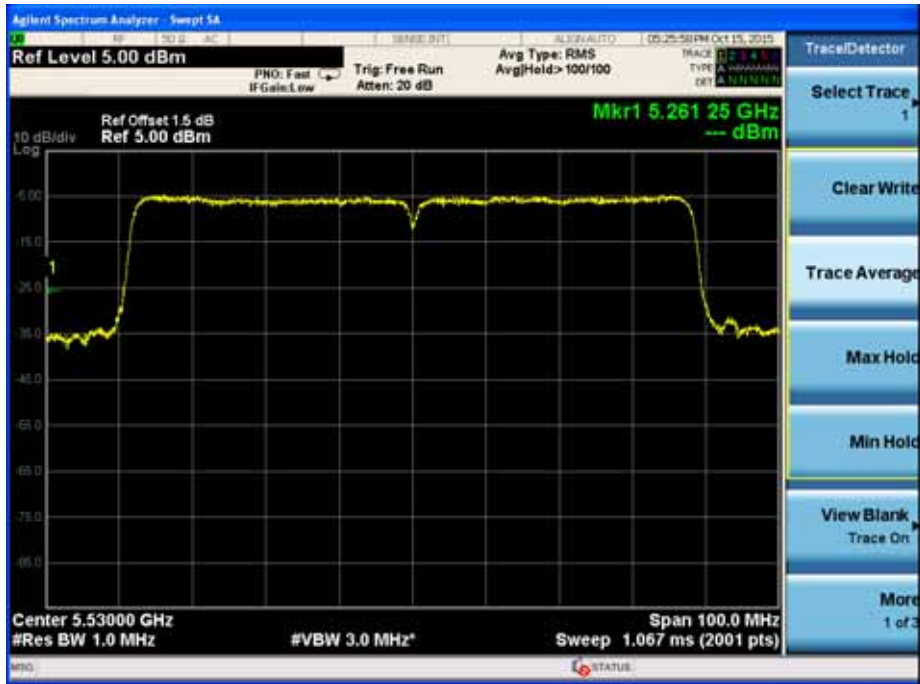
Channel 42



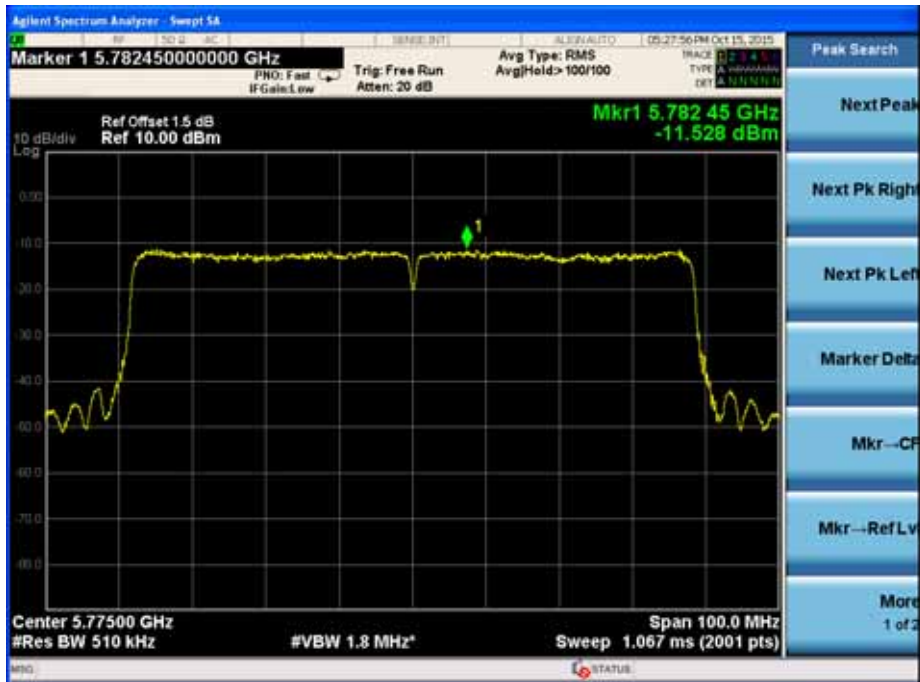
Channel 58



Channel 106



Channel 155



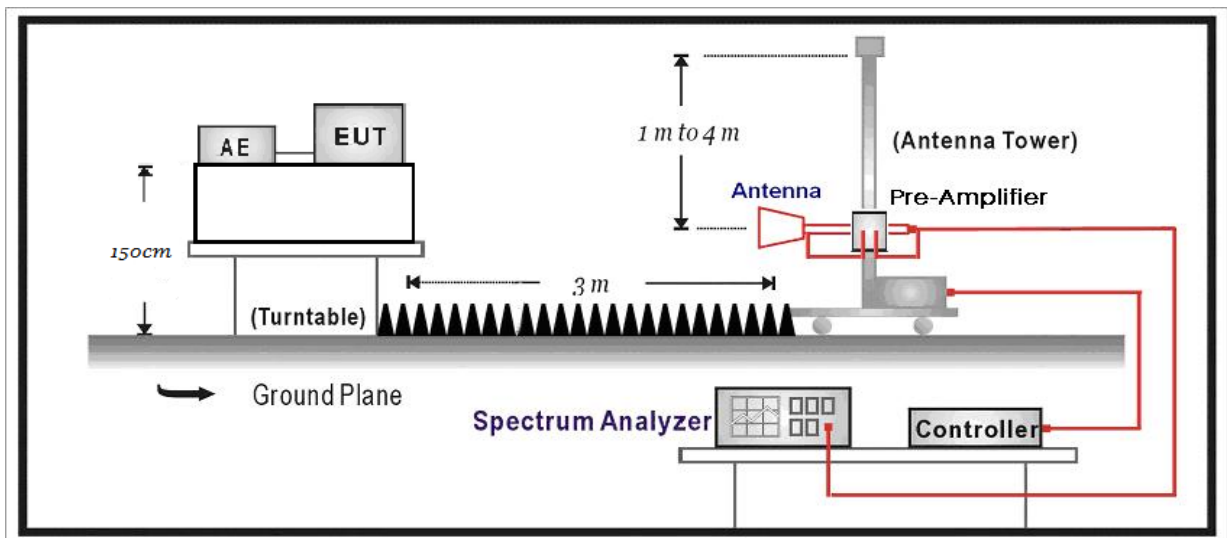
9. Radiated Emission Band Edge

9.1. Test Equipment

☒ Radiated Emission Band Edge / AC-5

Instrument	Manufacturer	Type No.	Serial No.	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2016.03.10
Preamplifier	Miteq	NSP1800-25	1364185	2016.05.03
Preamplifier	QuieTek	AP-040G	CHM-0906001	2016.05.03
Bilog Antenna	Teseq GmbH	CBL6112D	27612	2016.10.15
DRG Horn	ETS-Lindgren	3117	00123988	2017.01.04
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C1	2016.03.01
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2016.03.01
Coaxial Cable	Huber+Suhner	SUCOFLEX 102	AC5-C3	2016.03.01
EMI Receiver	Agilent	N9038A	MY51210196	2016.06.09
Temperature/Humidity Meter	Zhichen	ZC1-2	AC5-TH	2017.01.04

9.2. Test Setup



9.3. Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)

For 15.407(b) requirement:

- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (4) For transmitters operating in the 5.725-5.85 GHz band: All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.

Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dBuV/m)
5150 - 5250	-27	68.3
5250 - 5350	-27	68.3
5470 - 5725	-27	68.3
5725 - 5825	-27 [Note(1)]	68.3
	-17 [Note(2)]	78.3

Note(1): Outside the frequency range 5715 - 5835MHz.

Note(2): Within the frequency range from the band edge to 10MHz below or above the band edge, 5715 – 5725MHz and 5825 - 5835MHz.

9.4. Test Procedure

According to ANSI C63.4:2014& ANSI C63.10:2013&789033 D02 General UNII Test Procedures New Rules v01& FCC CFR Title 47 Part 15 Subpart E: 2015

The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4: 2014 on radiated measurement.

The procedure for peak unwanted emissions measurements above 1000 MHz is as follows: Peak emission levels are measured by setting the instrument as follows:

- 1) RBW = 1 MHz.
- 2) VBW \geq [3 \times RBW].
- 3) Detector = peak
- 4) Sweep time = auto.
- 5) Trace mode = max hold.
- 6) Allow sweeps to continue until the trace stabilizes. Note that if the transmission is not continuous, then the time required for the trace to stabilize will increase by a factor of approximately 1 / D, where D is the duty cycle. For example, at 50% duty cycle, the measurement time will increase by a factor of two, relative to measurement time for continuous transmission.

Average emission levels are measured by setting the instrument as follows:

- a) RBW = 1 MHz.
- b) Video bandwidth:
 - 1) If the EUT is configured to transmit with $D \geq 98\%$, then set $VBW \leq RBW / 100$ (i.e., 10 kHz), but not less than 10 Hz.
 - 2) If the EUT D is $< 98\%$, then set $VBW \geq 1 / T$, where T is defined in item a1) of 12.2.
- c) Video bandwidth mode or display mode:
 - 1) The instrument shall be set with video filtering applied in the power domain. Typically, this requires setting the detector mode to RMS (power averaging) and setting the average-VBW type to power (rms).
 - 2) As an alternative, the instrument may be set to linear detector mode. Video filtering shall be applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode to accomplish this. Others have a setting for

average-VBW type, which can be set to “voltage” regardless of the display mode.

d) Detector = peak.

e) Sweep time = auto.

f) Trace mode = max hold.

g) Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98% duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of $1/x$, where D is the duty cycle. For example, use at least 200 traces if the duty cycle is 25%. (If a specific emission is demonstrated to be continuous—i.e., 100% duty cycle—then rather than turning ON and OFF with the transmit cycle, at least 50 traces should be averaged.)

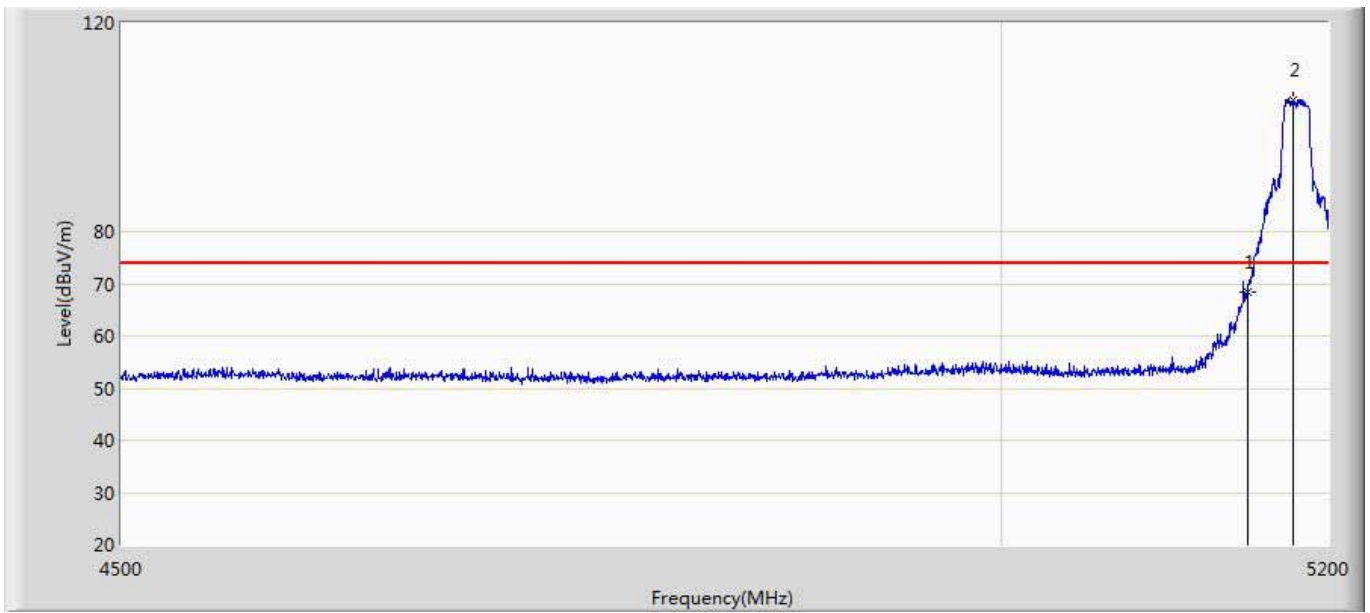
Note: When doing emission measurement above 1GHz, the horn Chainenna will be bended down a little (as horn Chainenna has the narrow beamwidth) in order to keeping the Chainenna in the “cone of radiation” of EUT. The 3dB beamwidth is 10~60 degrees for H-plane and 10~90 degrees for E-plane.

9.5. Uncertainty

The measurement uncertainty above 1GHz is defined as ± 3.9 dB

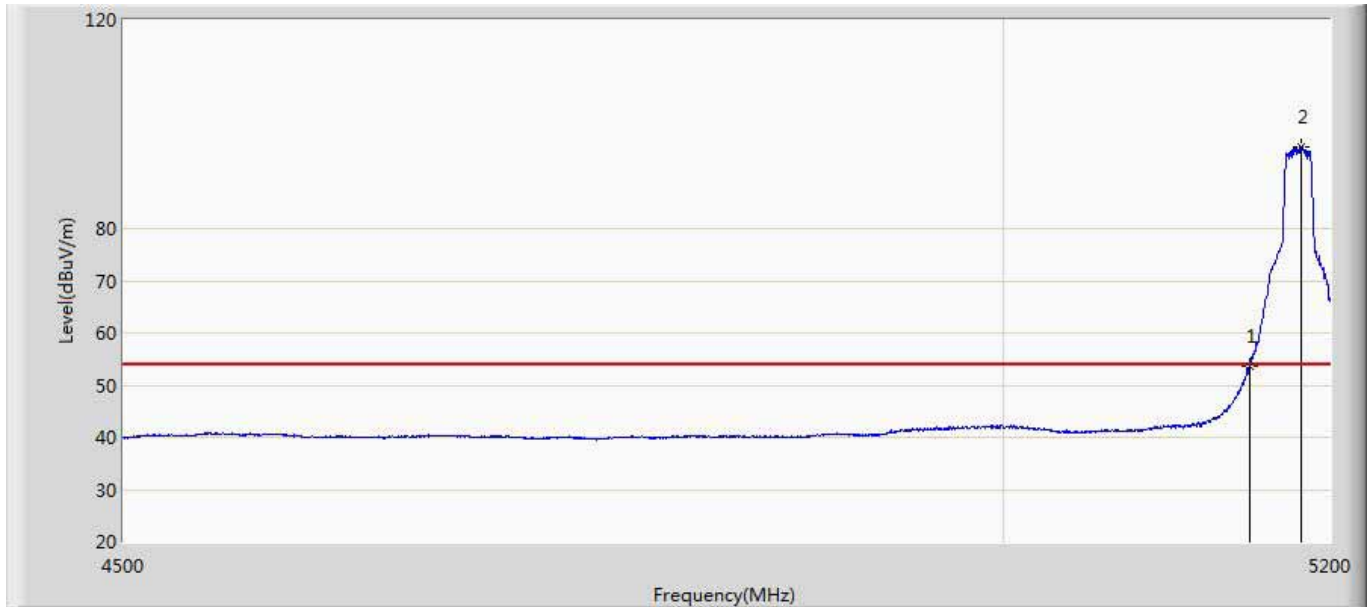
9.6. Test Result

Site: AC5	Time: 2015/11/07 - 13:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 1: Transmit at CH5180Mhz by 802.11a	



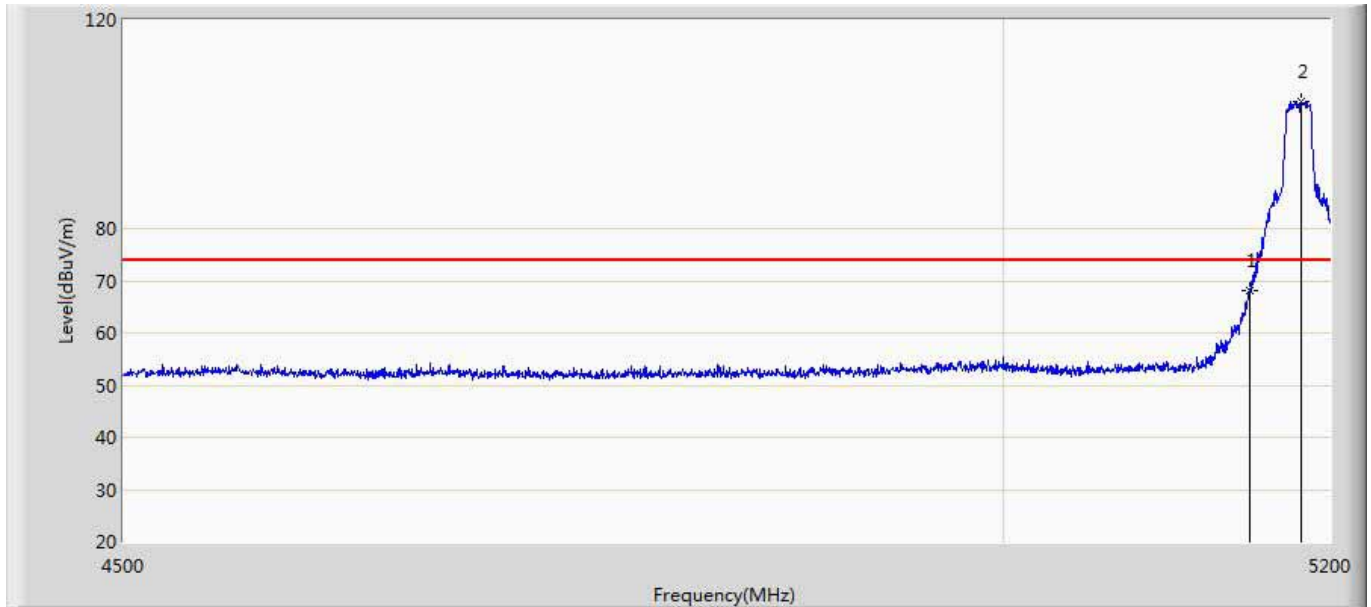
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	68.349	26.334	-5.651	74.000	42.015	PK
2	*	5177.950	105.305	63.160	31.305	74.000	42.145	PK

Site: AC5	Time: 2015/11/07 - 13:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 1: Transmit at CH5180Mhz by 802.11a	



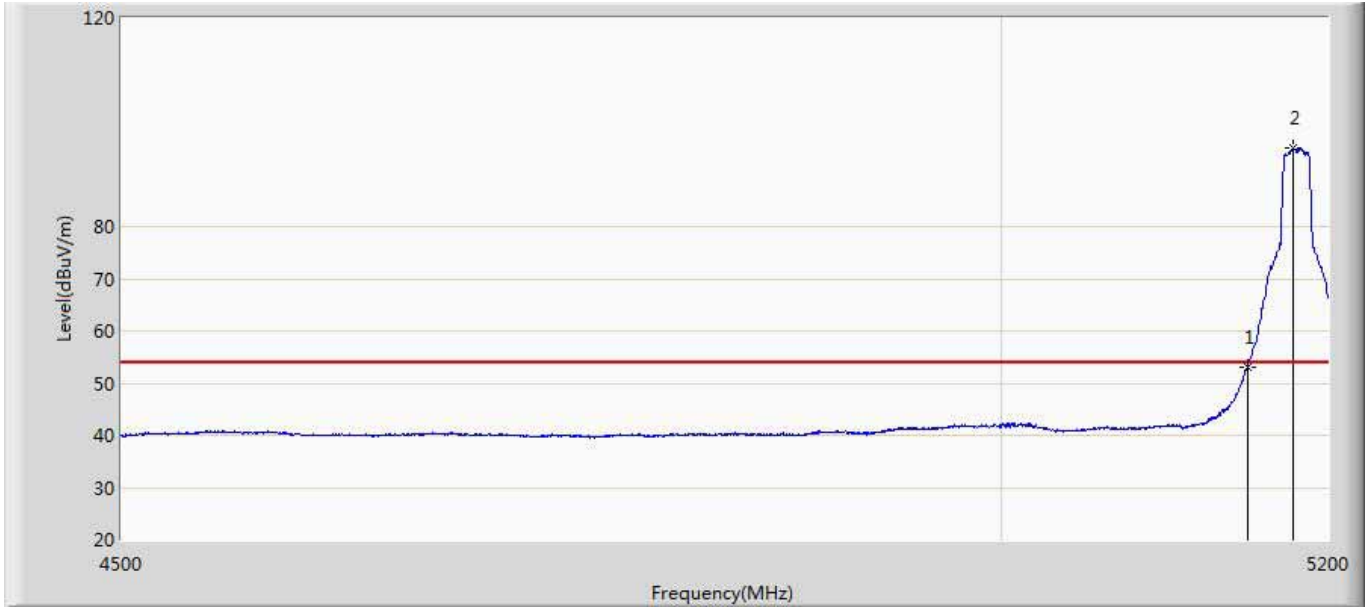
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.547	11.532	-0.453	54.000	42.015	AV
2	*	5181.800	95.757	53.612	41.757	54.000	42.146	AV

Site: AC5	Time: 2015/11/07 - 13:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 1: Transmit at CH5180Mhz by 802.11a	



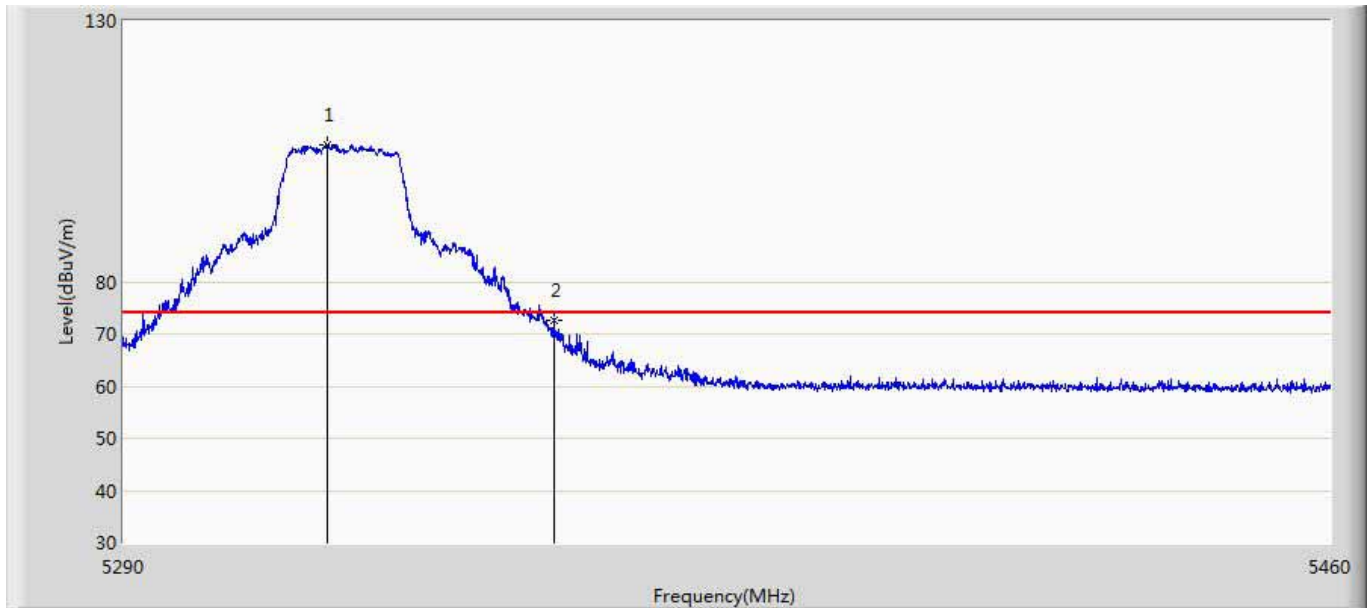
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	68.023	26.008	-5.977	74.000	42.015	PK
2	*	5182.150	104.351	62.207	30.351	74.000	42.144	PK

Site: AC5	Time: 2015/11/07 - 13:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 1: Transmit at CH5180Mhz by 802.11a	



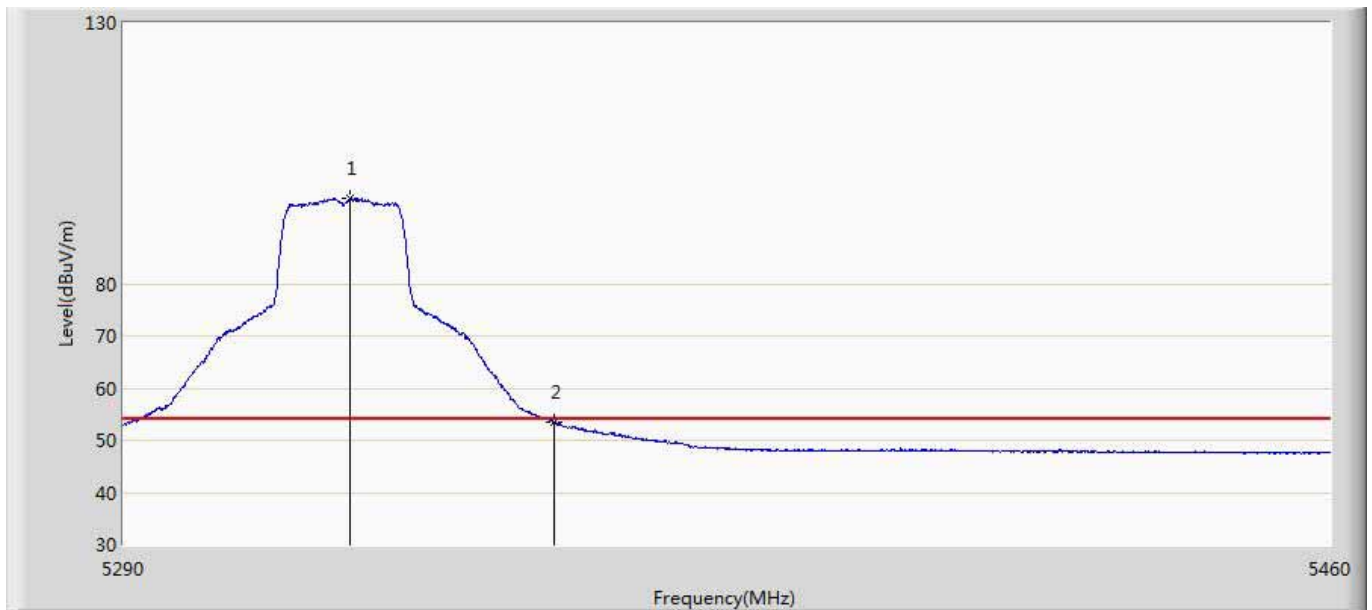
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.145	11.130	-0.855	54.000	42.015	AV
2	*	5178.650	95.003	52.858	41.003	54.000	42.146	AV

Profile: T1U-NEW-2015.11.07	Page No.: 17
Engineer: Scott	
Site: AC5	Time: 2015/11/07 - 14:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 1: Transmit at CH5320Mhz by 802.11a	



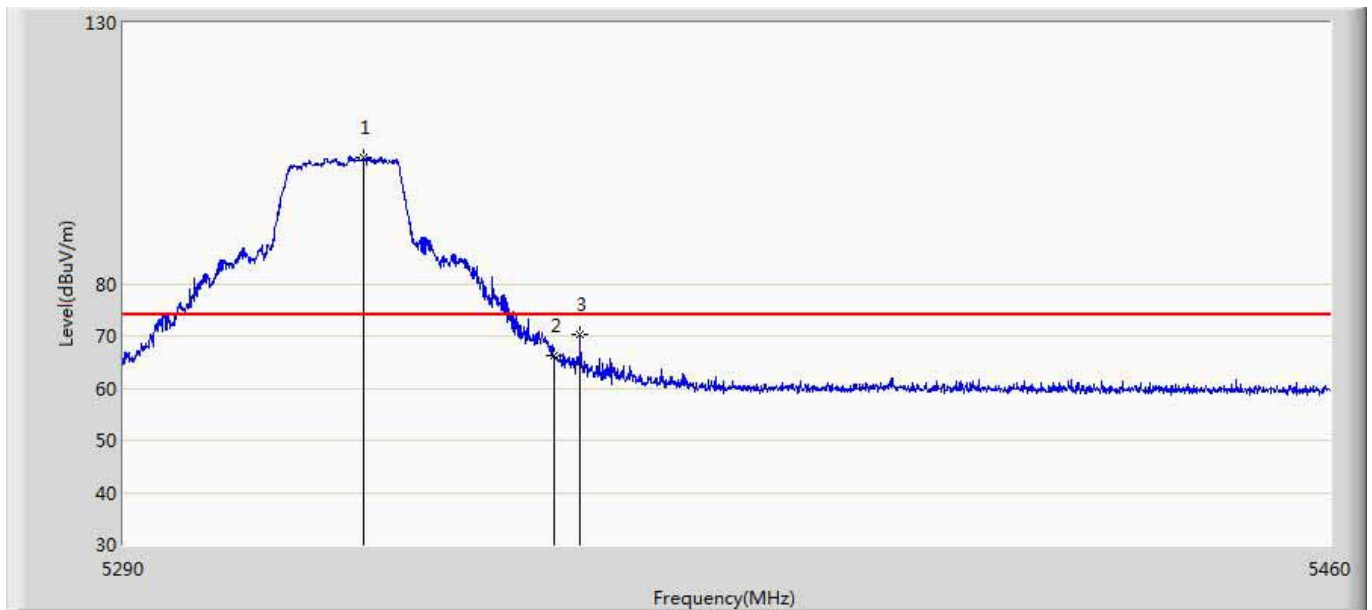
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5318.390	106.335	63.943	32.335	74.000	42.391	PK
2		5350.000	72.526	30.010	-1.474	74.000	42.516	PK

Profile: T1U-NEW-2015.11.07	Page No.: 18
Engineer: Scott	
Site: AC5	Time: 2015/11/07 - 14:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 1: Transmit at CH5320Mhz by 802.11a	



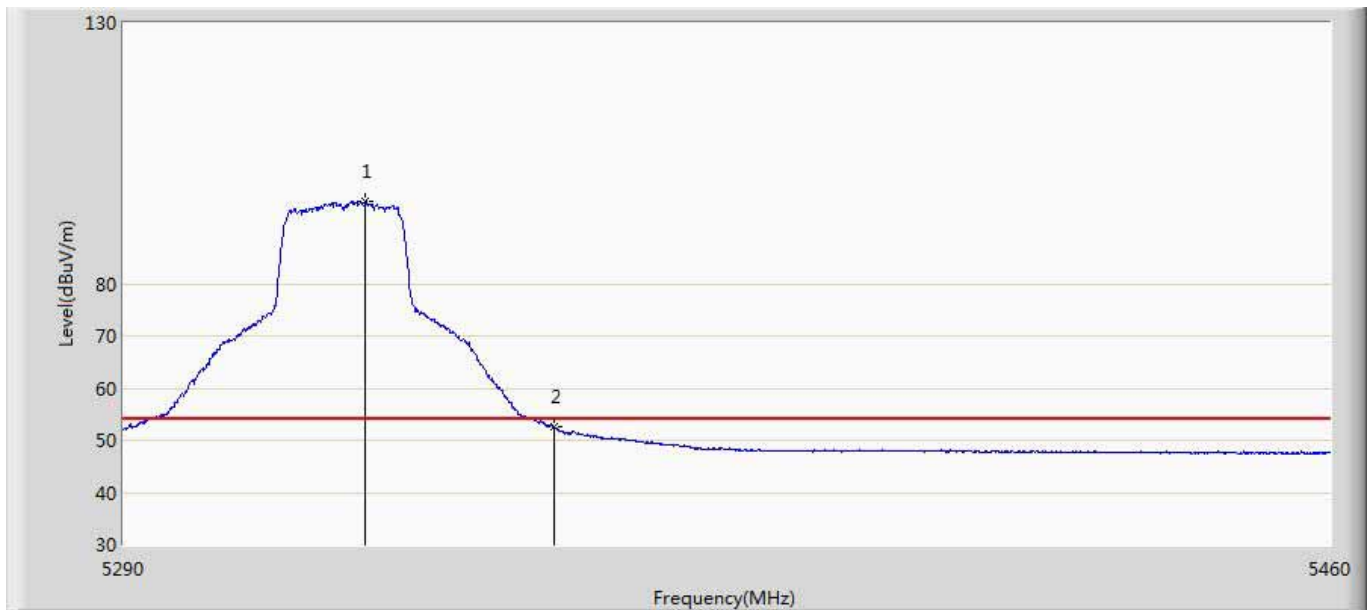
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5321.535	96.327	53.974	42.327	54.000	42.353	AV
2		5350.000	53.517	11.001	-0.483	54.000	42.516	AV

Profile: T1U-NEW-2015.11.07	Page No.: 19
Engineer: Scott	
Site: AC5	Time: 2015/11/07 - 14:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 1: Transmit at CH5320Mhz by 802.11a	



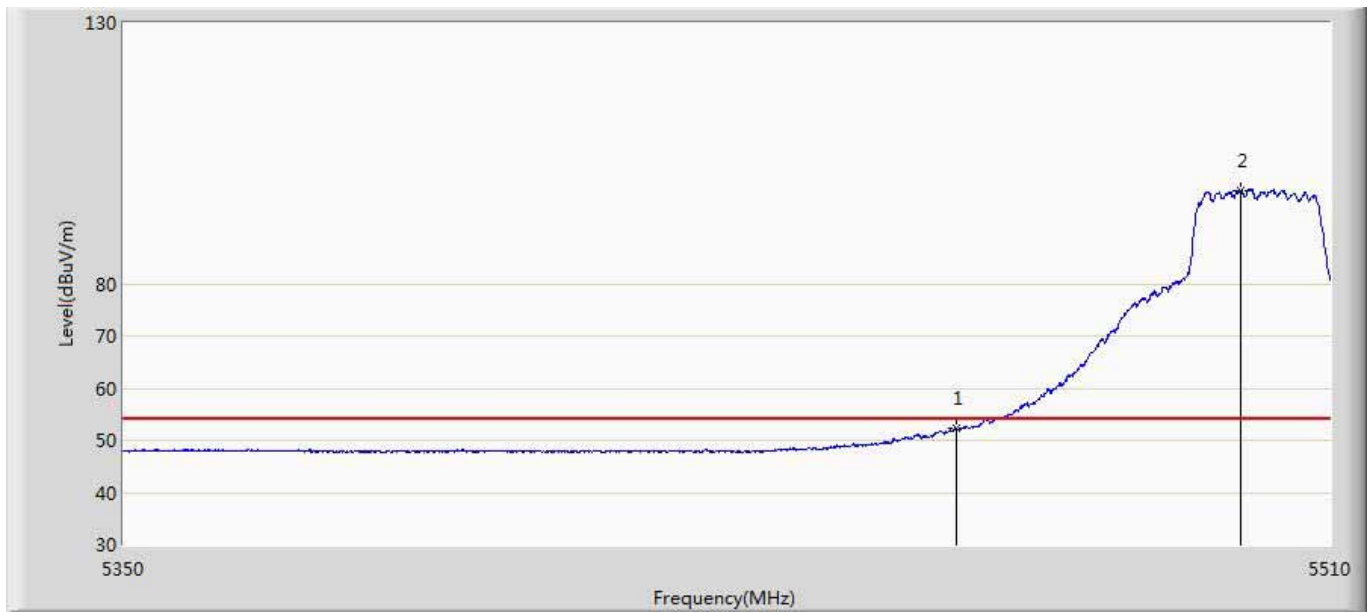
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5323.405	104.087	61.757	30.087	74.000	42.330	PK
2		5350.000	66.279	23.763	-7.721	74.000	42.516	PK
3		5353.750	70.201	27.650	-3.799	74.000	42.552	PK

Profile: T1U-NEW-2015.11.07	Page No.: 20
Engineer: Scott	
Site: AC5	Time: 2015/11/07 - 14:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 1: Transmit at CH5320Mhz by 802.11a	



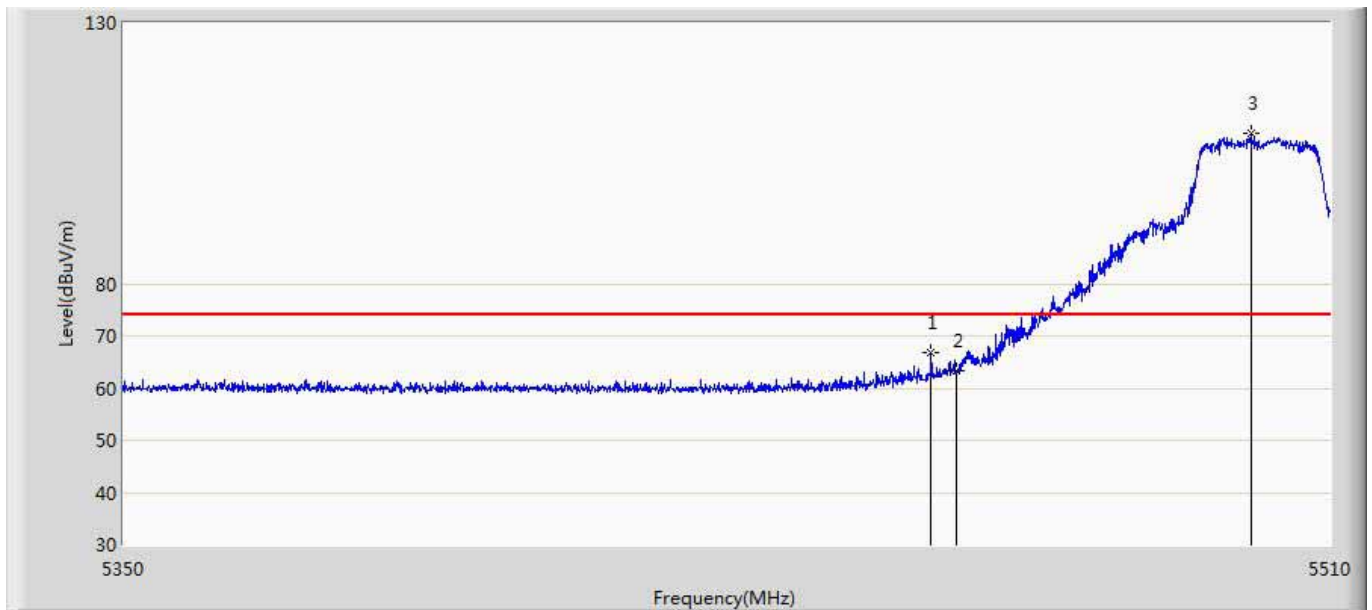
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5323.745	95.788	53.462	41.788	54.000	42.326	AV
2		5350.000	52.476	9.960	-1.524	54.000	42.516	AV

Profile: T1U-NEW-2015.11.07	Page No.: 21
Engineer: Scott	
Site: AC5	Time: 2015/11/07 - 15:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 1: Transmit at CH5500Mhz by 802.11a	



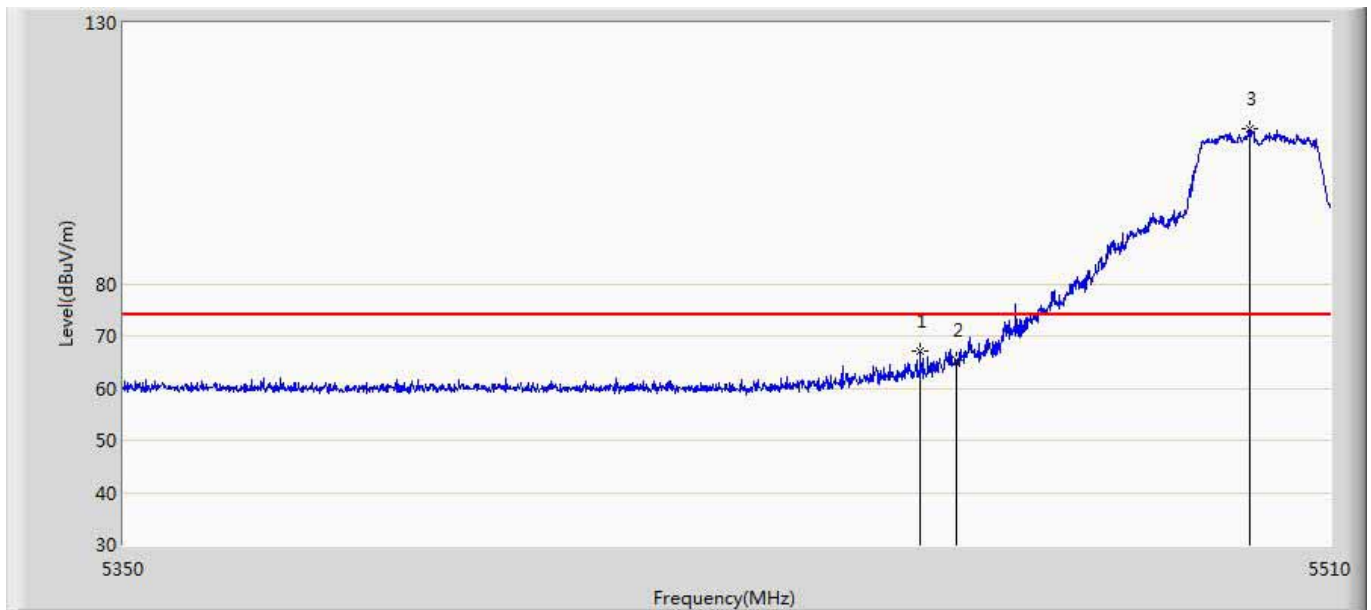
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	52.267	9.610	-1.733	54.000	42.657	AV
2	*	5498.080	97.927	55.249	43.927	54.000	42.678	AV

Profile: T1U-NEW-2015.11.07	Page No.: 22
Engineer: Scott	
Site: AC5	Time: 2015/11/07 - 15:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 1: Transmit at CH5500Mhz by 802.11a	



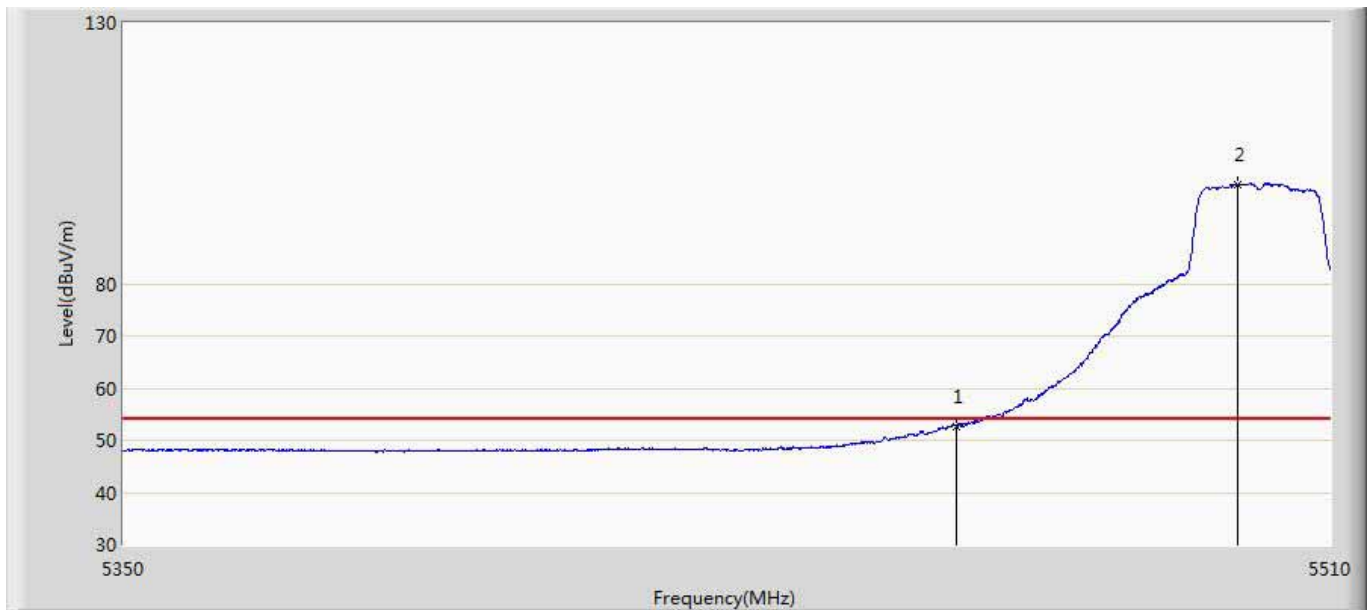
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5456.640	66.920	24.306	-7.080	74.000	42.614	PK
2		5460.000	63.259	20.602	-10.741	74.000	42.657	PK
3	*	5499.360	108.912	66.249	34.912	74.000	42.663	PK

Profile: T1U-NEW-2015.11.07	Page No.: 23
Engineer: Scott	
Site: AC5	Time: 2015/11/07 - 15:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 1: Transmit at CH5500Mhz by 802.11a	



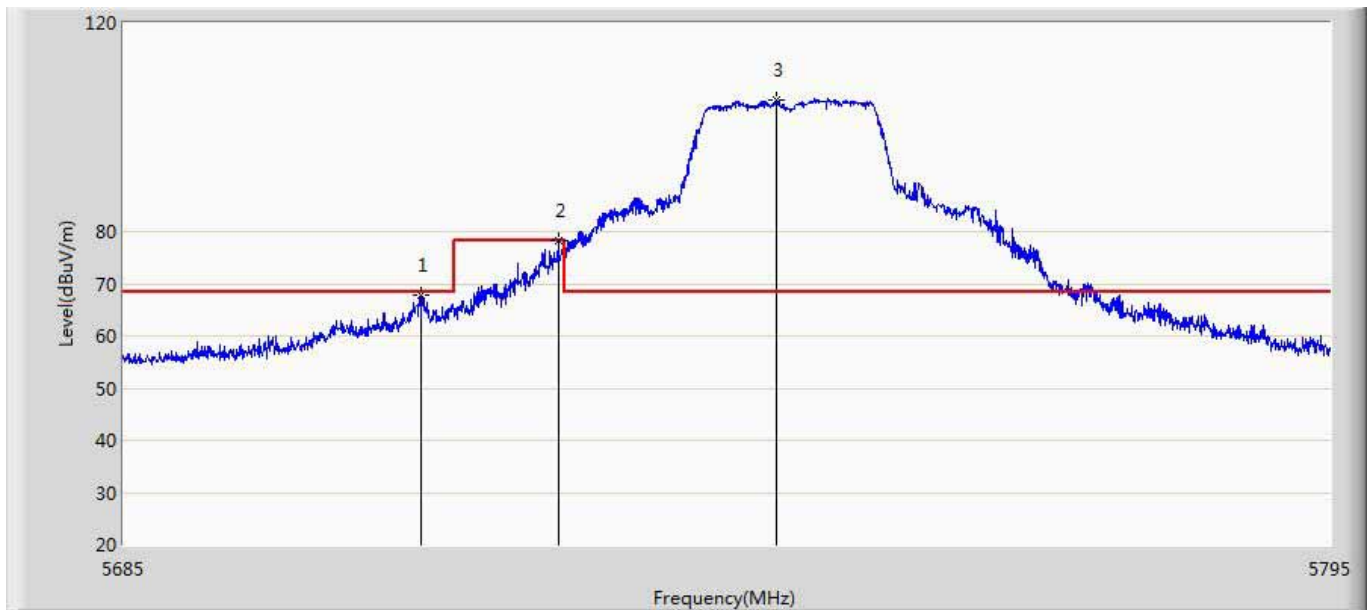
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5455.200	67.229	24.634	-6.771	74.000	42.595	PK
2		5460.000	65.224	22.567	-8.776	74.000	42.657	PK
3	*	5499.280	109.772	67.108	35.772	74.000	42.664	PK

Profile: T1U-NEW-2015.11.07	Page No.: 24
Engineer: Scott	
Site: AC5	Time: 2015/11/07 - 15:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 1: Transmit at CH5500Mhz by 802.11a	



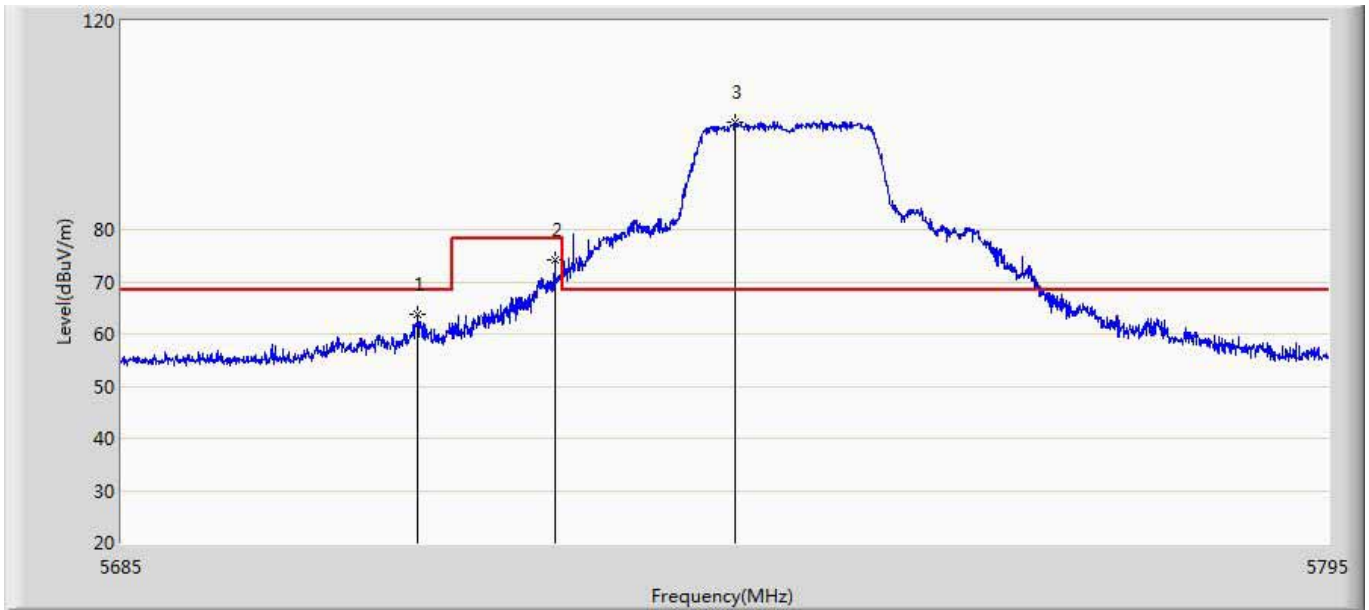
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	52.532	9.875	-1.468	54.000	42.657	AV
2	*	5497.680	99.113	56.430	45.113	54.000	42.683	AV

Profile: T1U-NEW-2015.11.07	Page No.: 25
Engineer: Scott	
Site: AC5	Time: 2015/11/07 - 16:08
Limit: FCC-15.407 new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 1: Transmit at CH5745Mhz by 802.11a	



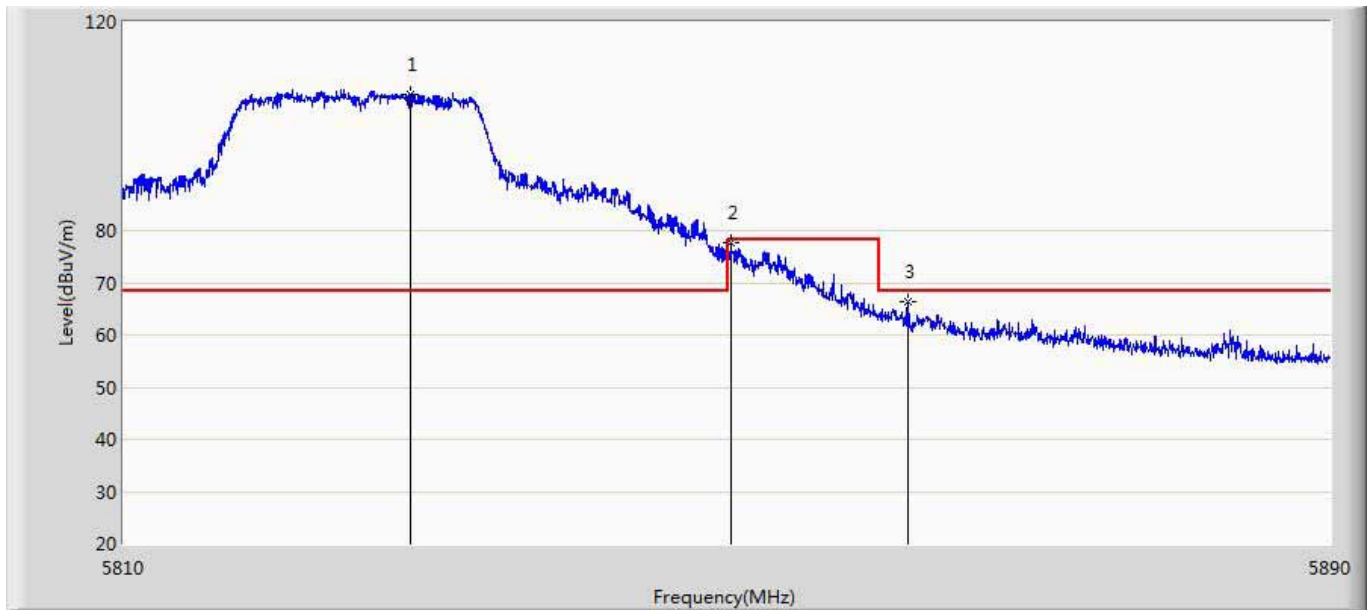
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5711.895	67.911	24.600	-0.389	68.300	43.311	PK
2		5724.435	78.226	34.958	-0.074	78.300	43.268	PK
3	*	5744.235	105.262	61.964	36.962	68.300	43.299	PK

Profile: T1U-NEW-2015.11.07	Page No.: 26
Engineer: Scott	
Site: AC5	Time: 2015/11/07 - 16:14
Limit: FCC-15.407 new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 1: Transmit at CH5745Mhz by 802.11a	



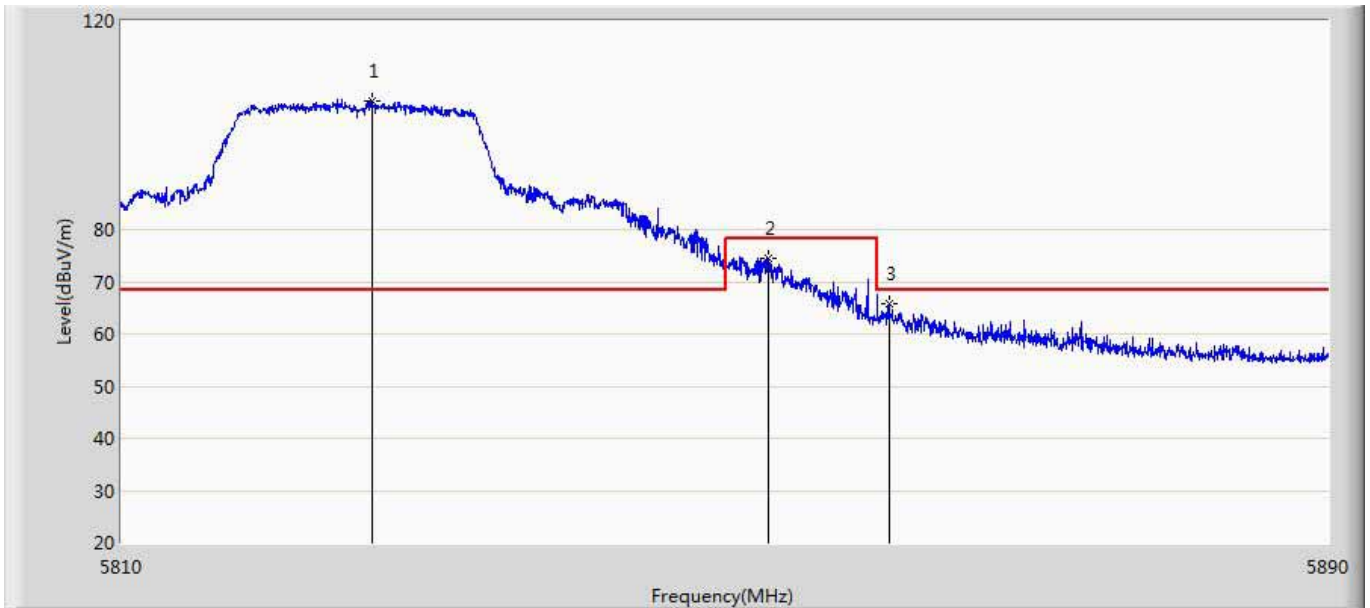
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5711.840	63.630	20.319	-4.670	68.300	43.311	PK
2		5724.270	74.092	30.824	-4.208	78.300	43.269	PK
3	*	5740.660	100.604	57.307	32.304	68.300	43.297	PK

Profile: T1U-NEW-2015.11.07	Page No.: 29
Engineer: Scott	
Site: AC5	Time: 2015/11/07 - 16:27
Limit: FCC-15.407 new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 1: Transmit at CH5825Mhz by 802.11a	



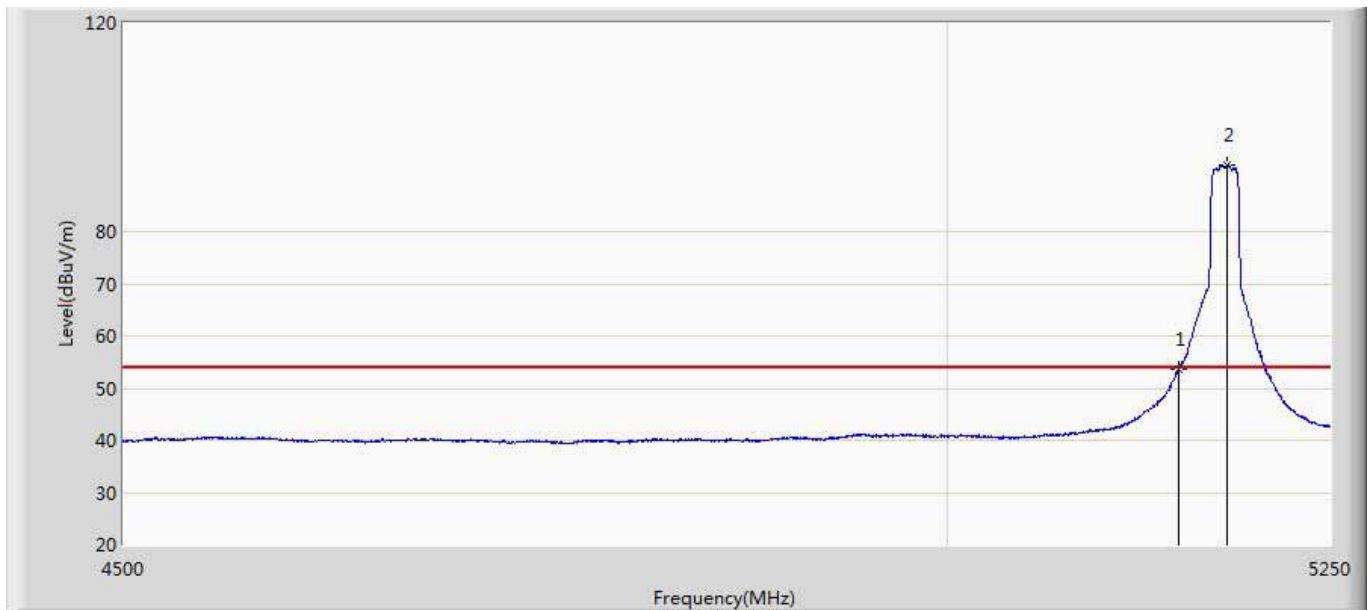
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5828.920	105.967	62.556	37.667	68.300	43.411	PK
2		5850.120	77.678	34.208	-0.622	78.300	43.470	PK
3		5861.920	66.269	22.708	-2.031	68.300	43.561	PK

Profile: T1U-NEW-2015.11.07	Page No.: 30
Engineer: Scott	
Site: AC5	Time: 2015/11/07 - 16:28
Limit: FCC-15.407 new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 1: Transmit at CH5825Mhz by 802.11a	



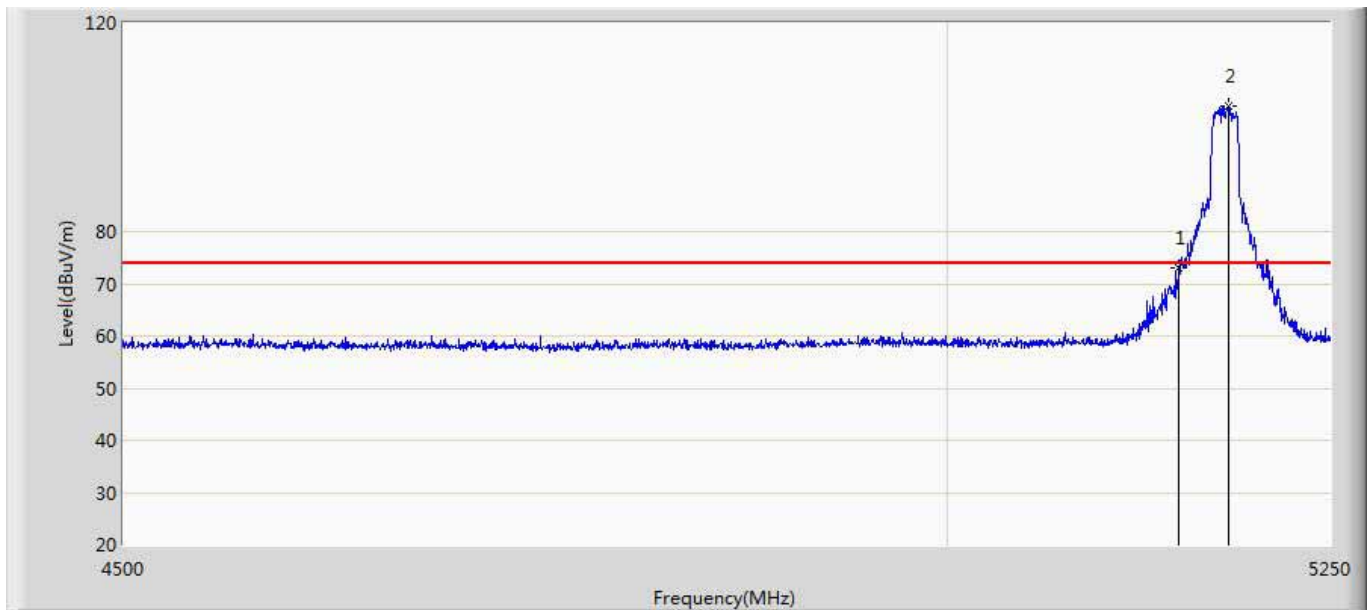
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5826.560	104.650	61.244	36.350	68.300	43.406	PK
2		5852.800	74.350	30.859	-3.950	78.300	43.491	PK
3		5860.760	65.782	22.230	-2.518	68.300	43.551	PK

Profile: T1U-NEW-2015.11.07	Page No.: 31
Engineer: Scott	
Site: AC5	Time: 2015/11/09 - 15:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 2: Transmit at CH5180Mhz by 802.11n20	



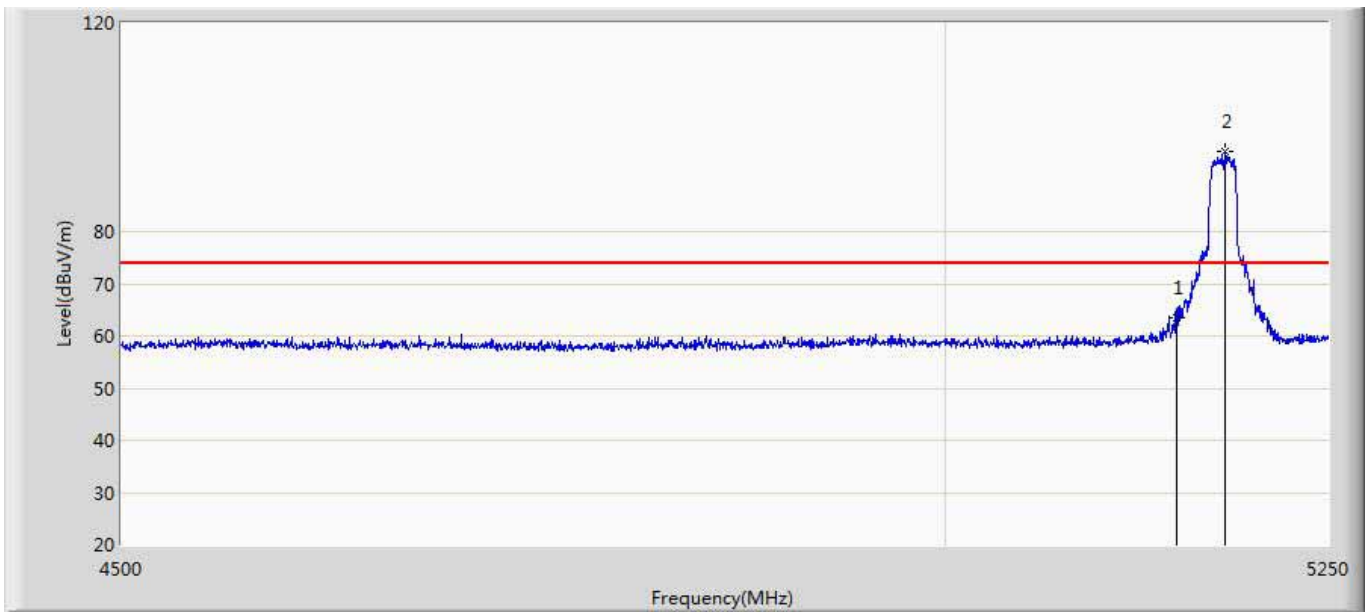
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.672	11.657	-0.328	54.000	42.015	AV
2	*	5181.375	92.692	50.547	38.692	54.000	42.145	AV

Profile: T1U-NEW-2015.11.07	Page No.: 32
Engineer: Scott	
Site: AC5	Time: 2015/11/09 - 15:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 2: Transmit at CH5180Mhz by 802.11n20	



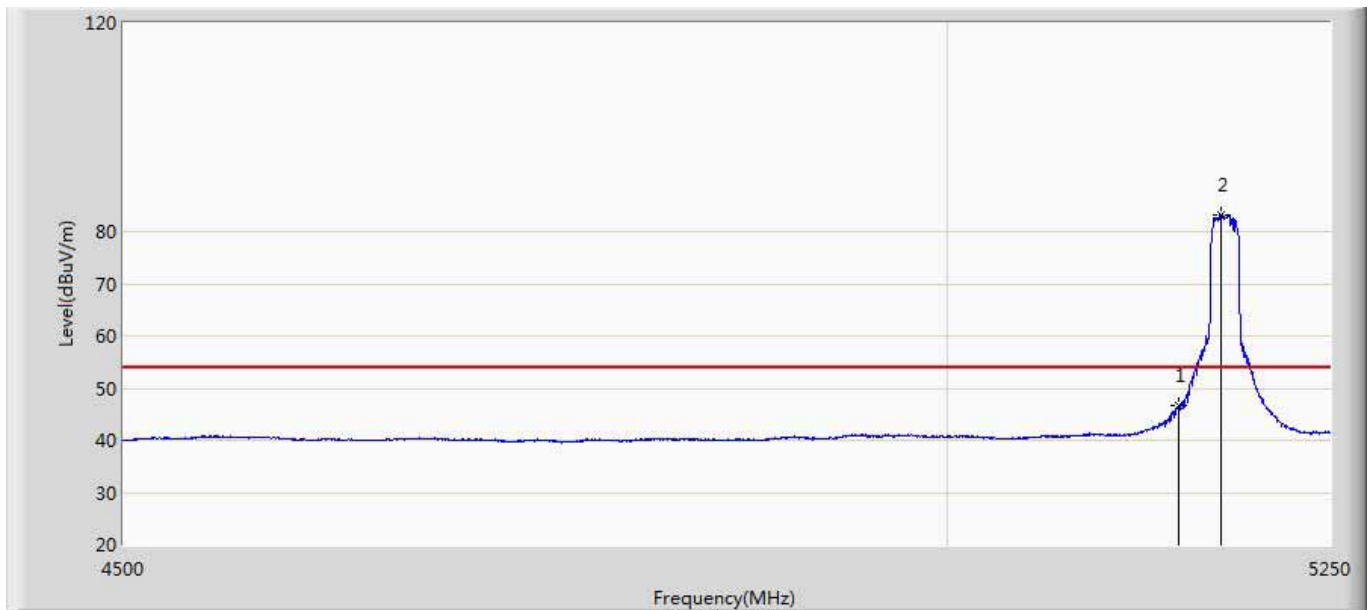
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	72.956	30.941	-1.044	74.000	42.015	PK
2	*	5182.125	104.091	61.947	30.091	74.000	42.144	PK

Profile: T1U-NEW-2015.11.07	Page No.: 33
Engineer: Scott	
Site: AC5	Time: 2015/11/09 - 15:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 2: Transmit at CH5180Mhz by 802.11n20	



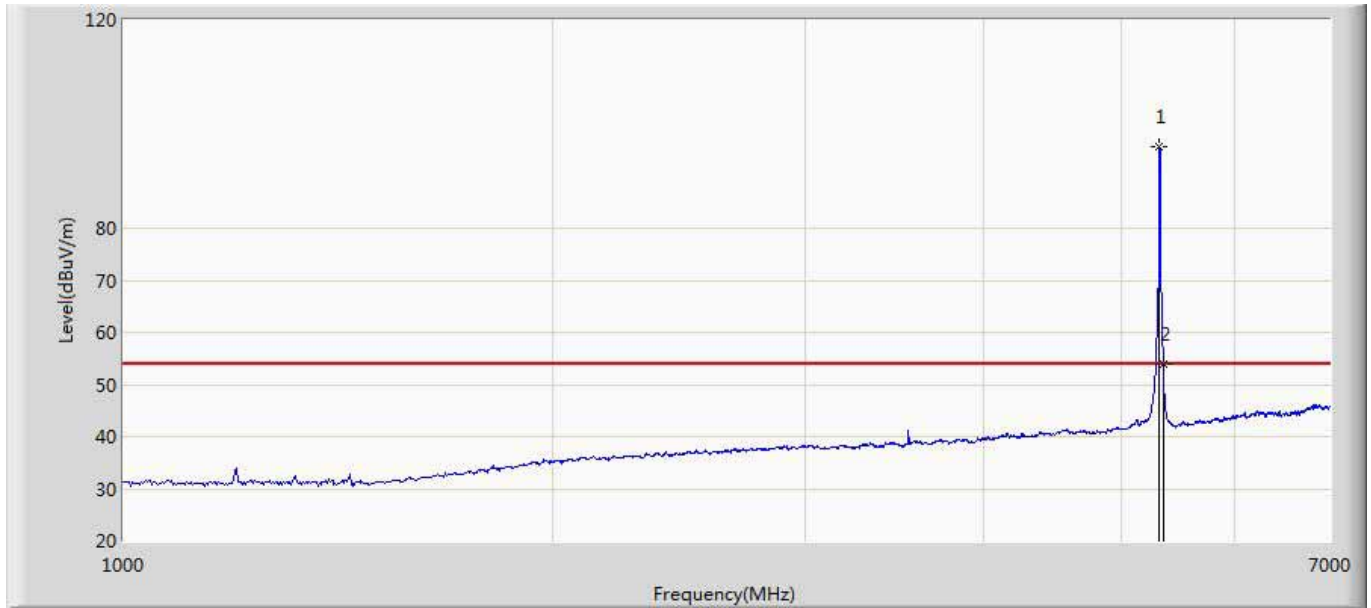
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	63.556	21.541	-10.444	74.000	42.015	PK
2	*	5181.750	95.343	53.198	21.343	74.000	42.146	PK

Profile: T1U-NEW-2015.11.07	Page No.: 34
Engineer: Scott	
Site: AC5	Time: 2015/11/09 - 15:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 2: Transmit at CH5180Mhz by 802.11n20	



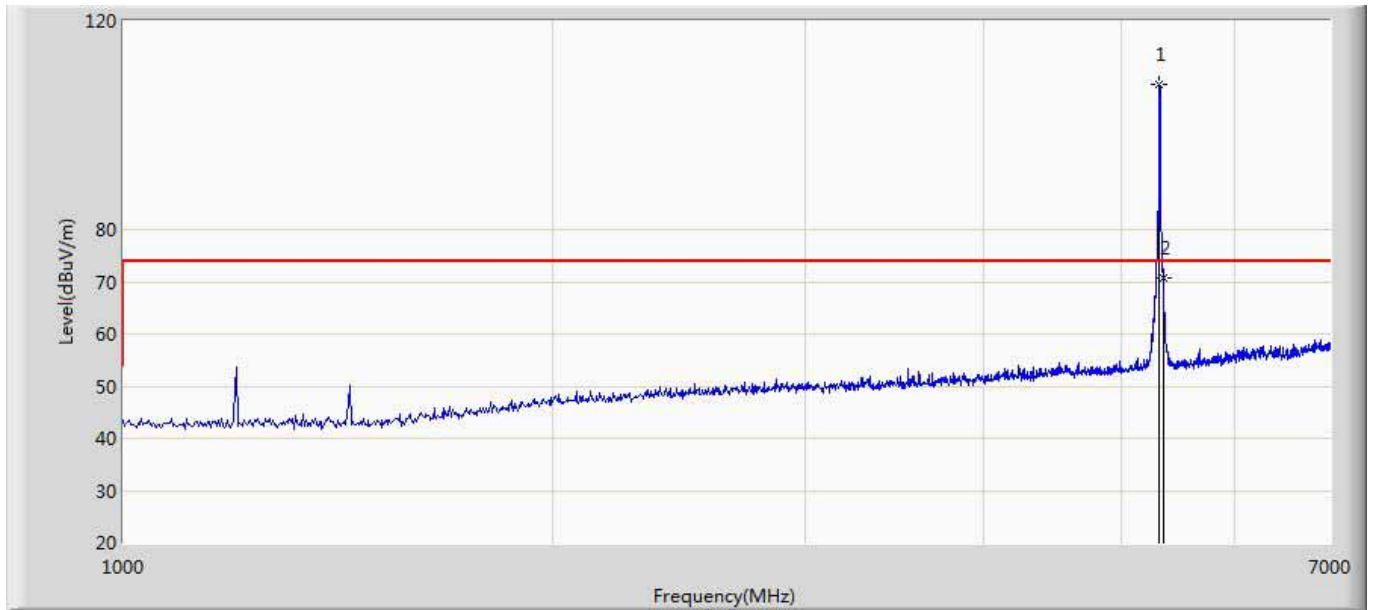
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	46.628	4.613	-7.372	54.000	42.015	AV
2	*	5177.250	83.265	41.120	29.265	54.000	42.145	AV

Site: AC5	Time: 2015/09/21 - 17:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 2 Transmit at channel 5320Mhz by 802.11n20	



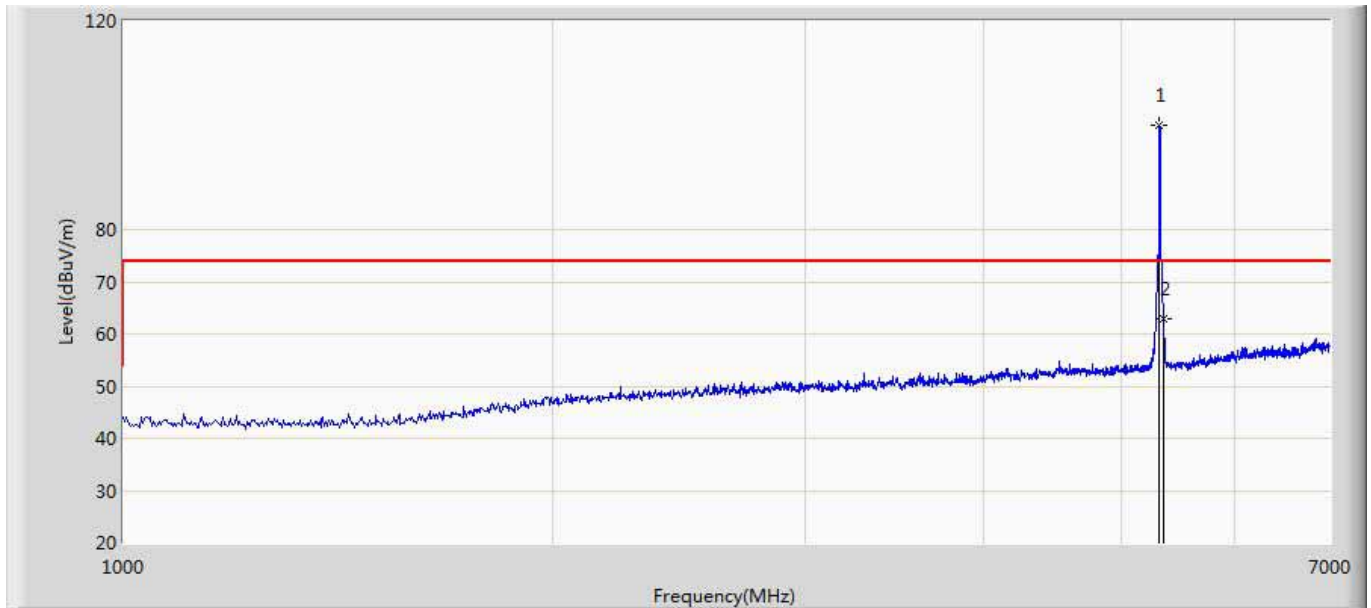
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5317.000	95.635	53.239	41.635	54.000	42.396	AV
2		5350.000	53.807	11.291	-0.193	54.000	42.516	AV

Site: AC5	Time: 2015/09/21 - 17:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 2 Transmit at channel 5320Mhz by 802.11n20	



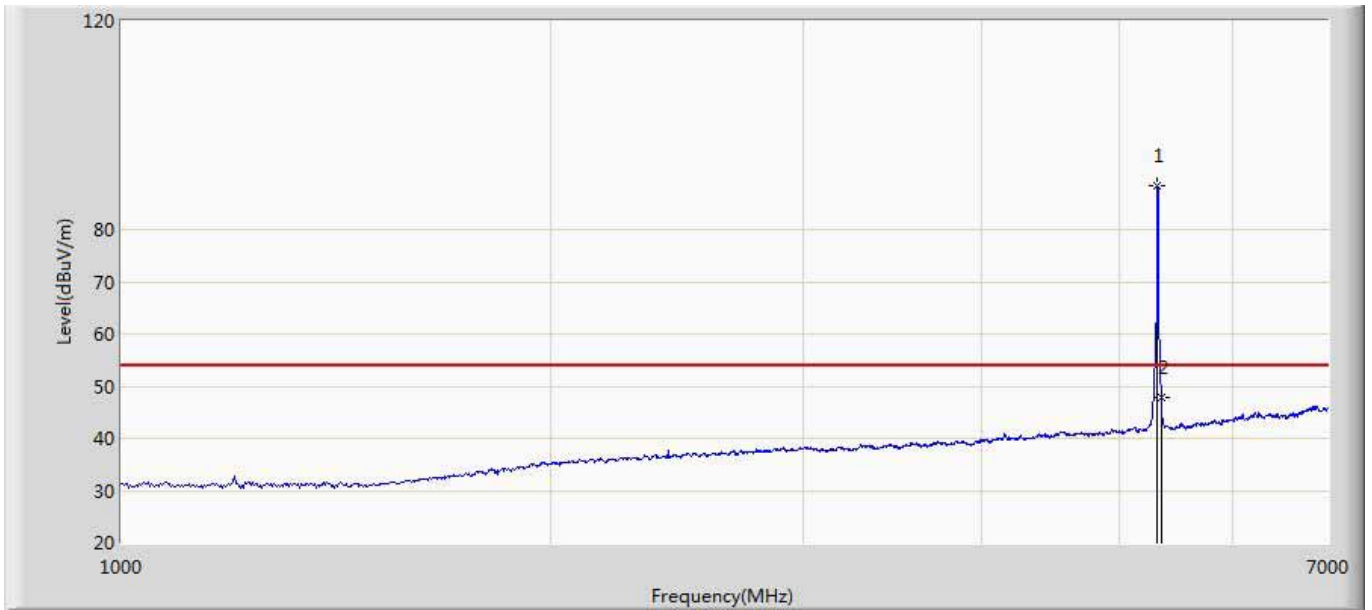
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5320.000	107.892	65.520	33.892	74.000	42.372	PK
2		5350.000	70.812	28.296	-3.188	74.000	42.516	PK

Site: AC5	Time: 2015/09/21 - 17:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 2 Transmit at channel 5320Mhz by 802.11n20	



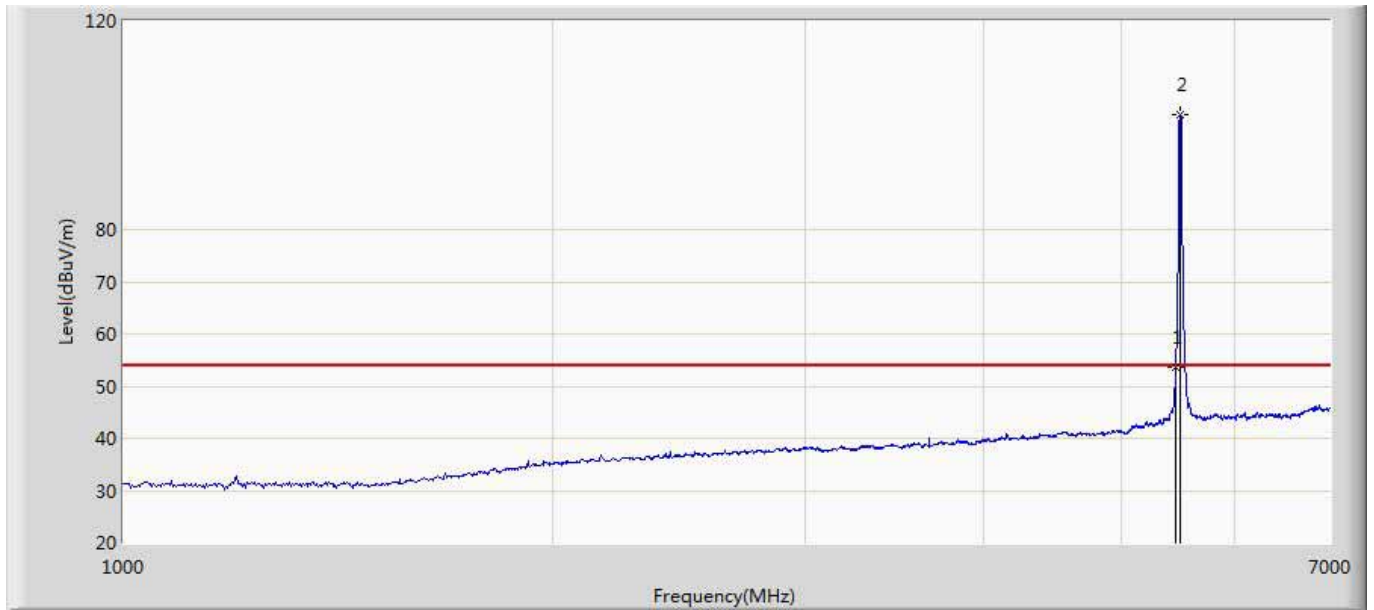
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5317.000	100.092	57.696	26.092	74.000	42.396	PK
2		5350.000	62.941	20.425	-11.059	74.000	42.516	PK

Site: AC5	Time: 2015/09/21 - 17:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 2 Transmit at channel 5320Mhz by 802.11n20	



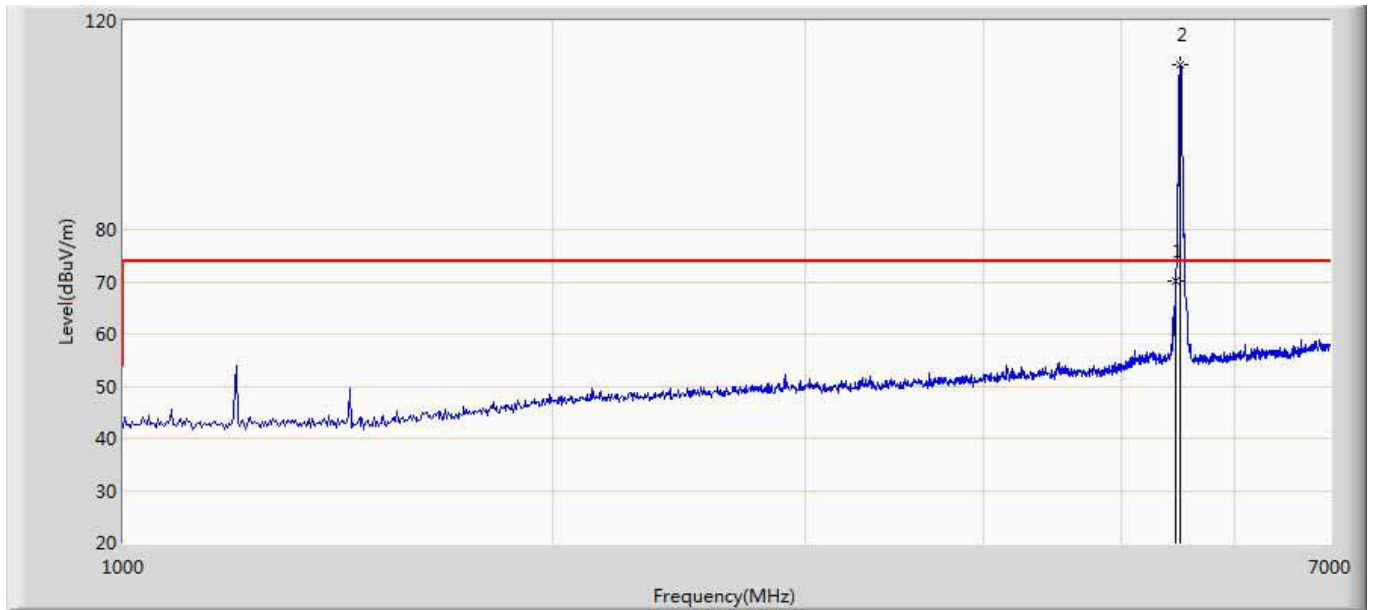
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5314.000	88.540	46.144	34.540	54.000	42.396	AV
2		5350.000	47.932	5.416	-6.068	54.000	42.516	AV

Site: AC5	Time: 2015/09/21 - 17:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 2 Transmit at channel 5500Mhz by 802.11n20	



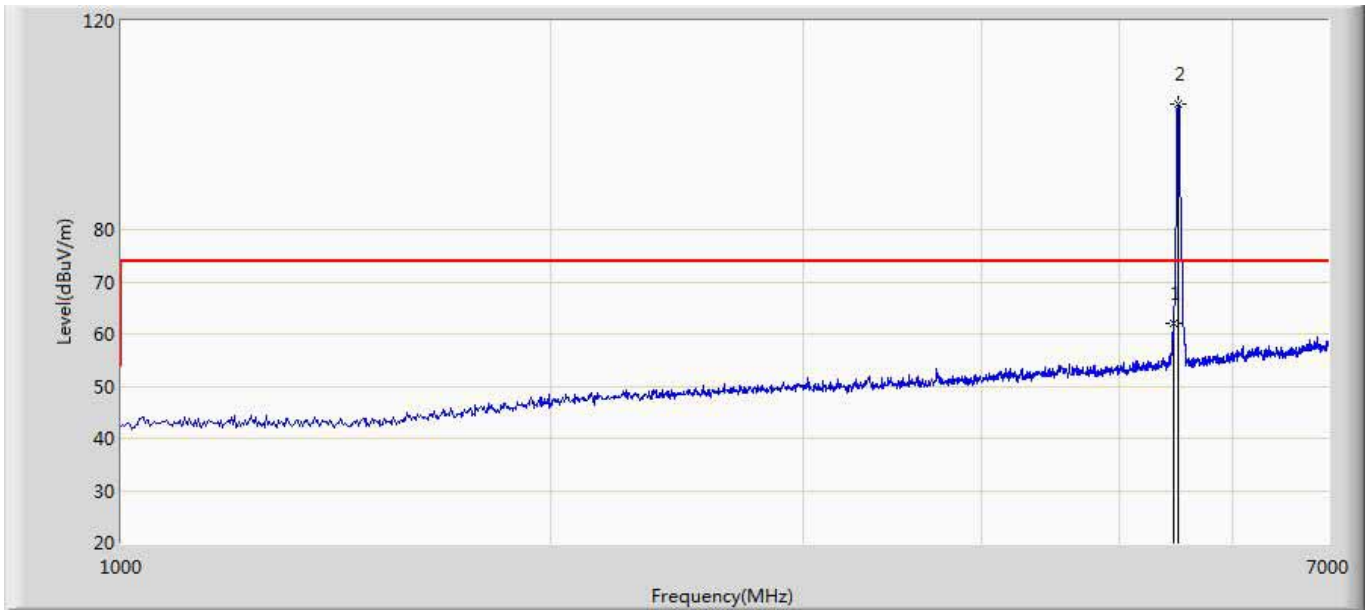
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	53.680	11.023	-0.320	54.000	42.657	AV
2	*	5497.000	102.040	59.349	48.040	54.000	42.691	AV

Site: AC5	Time: 2015/09/21 - 17:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 2 Transmit at channel 5500Mhz by 802.11n20	



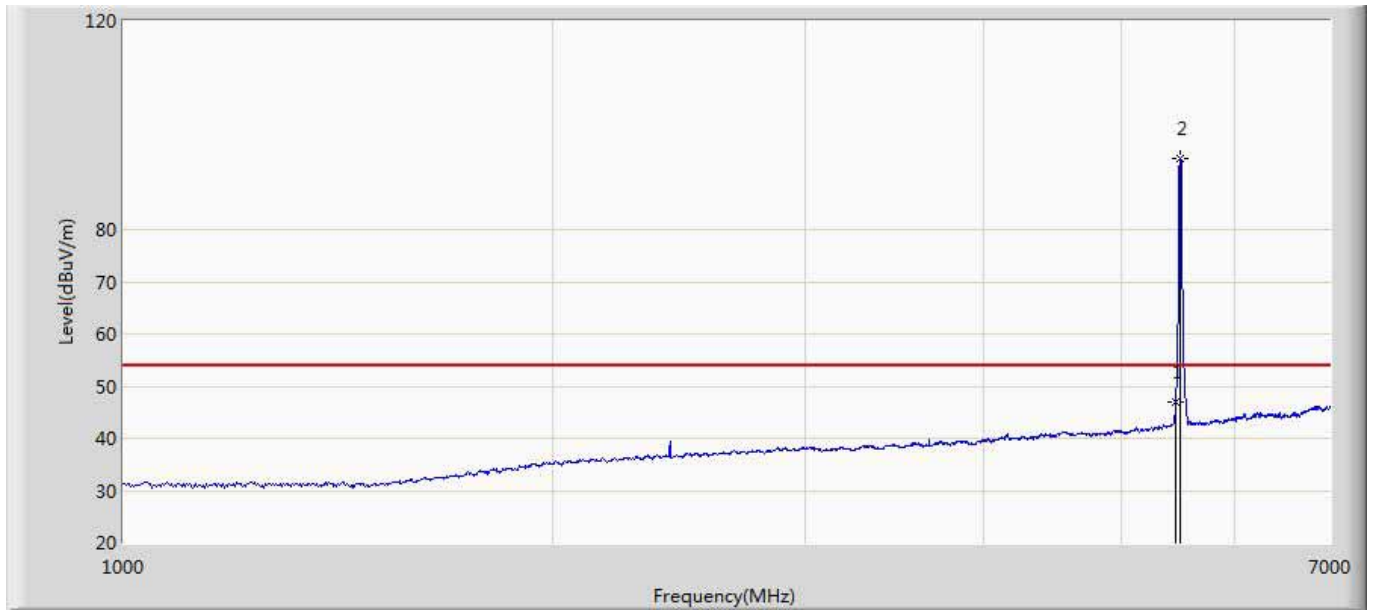
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	70.132	27.475	-3.868	74.000	42.657	PK
2	*	5503.000	111.453	68.834	37.453	74.000	42.619	PK

Site: AC5	Time: 2015/09/21 - 17:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 2 Transmit at channel 5500Mhz by 802.11n20	



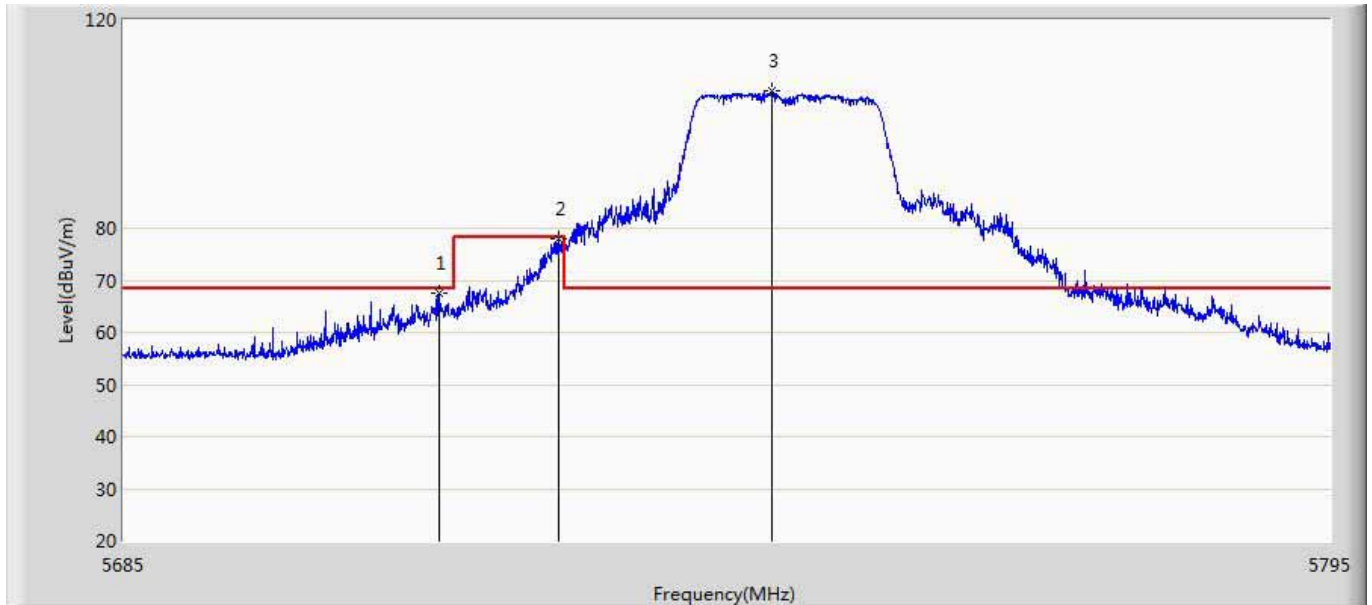
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	62.036	19.379	-11.964	74.000	42.657	PK
2	*	5500.000	103.922	61.267	29.922	74.000	42.655	PK

Site: AC5	Time: 2015/09/21 - 17:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 2 Transmit at channel 5500Mhz by 802.11n20	



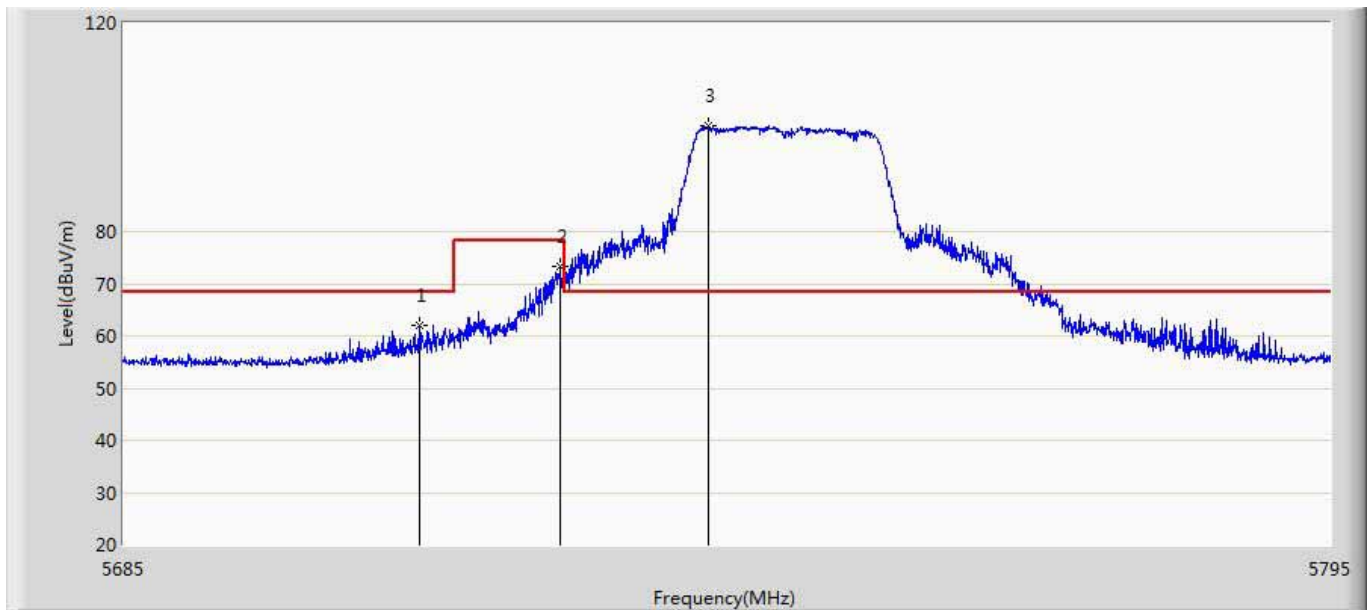
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	47.049	4.392	-6.951	54.000	42.657	AV
2	*	5497.000	93.624	50.933	39.624	54.000	42.691	AV

Site: AC5	Time: 2015/09/21 - 18:06
Limit: FCC-15.407 new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 2 Transmit at channel 5745Mhz by 802.11n20	



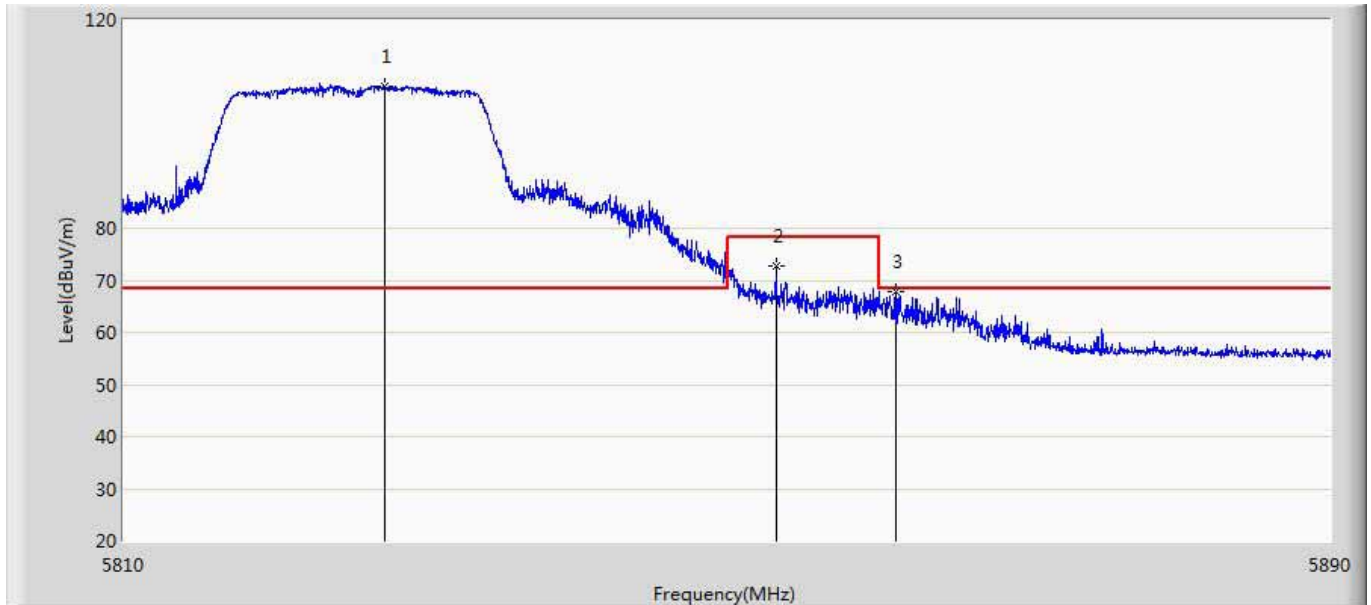
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5713.545	67.400	24.095	-0.900	68.300	43.305	PK
2		5724.490	77.950	34.682	-0.350	78.300	43.268	PK
3	*	5743.850	106.298	62.998	37.998	68.300	43.300	PK

Site: AC5	Time: 2015/09/21 - 18:13
Limit: FCC-15.407 new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 2 Transmit at channel 5745Mhz by 802.11n20	



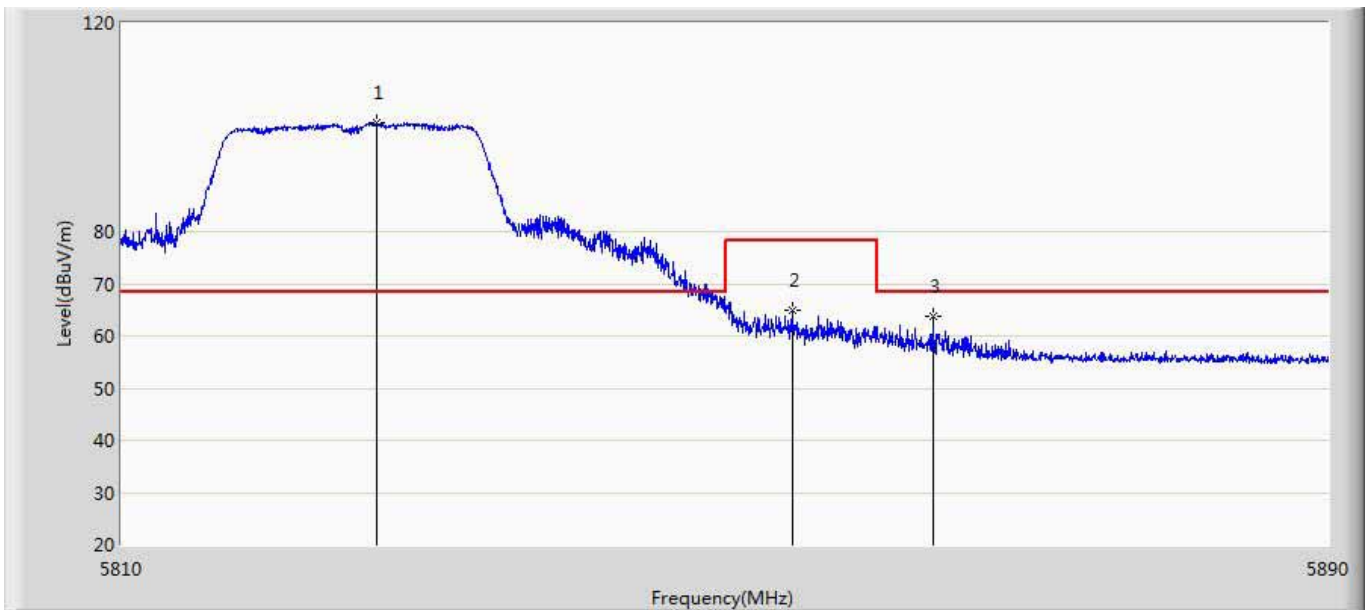
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5711.785	62.012	18.701	-6.288	68.300	43.311	PK
2		5724.655	73.408	30.141	-4.892	78.300	43.267	PK
3	*	5738.020	100.187	56.896	31.887	68.300	43.291	PK

Site: AC5	Time: 2015/09/21 - 18:18
Limit: FCC-15.407 new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 2 Transmit at channel 5825Mhz by 802.11n20	



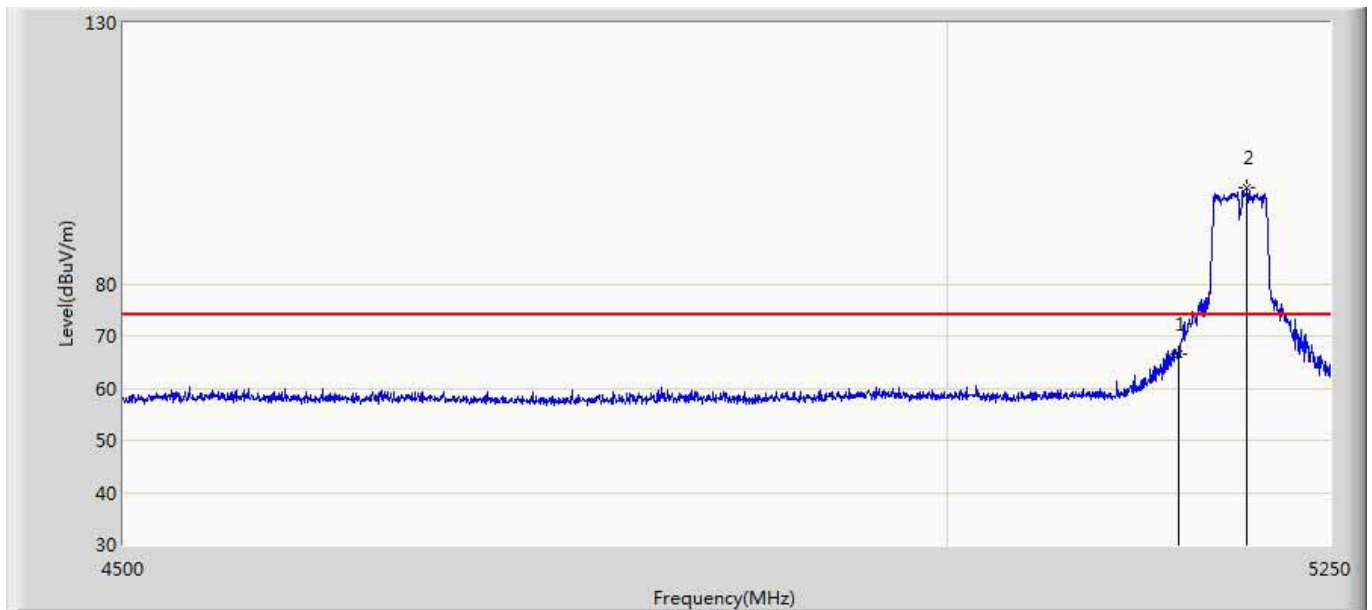
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5827.240	107.378	63.970	39.078	68.300	43.408	PK
2		5853.160	72.708	29.215	-5.592	78.300	43.494	PK
3		5861.080	67.934	24.380	-0.366	68.300	43.554	PK

Site: AC5	Time: 2015/09/21 - 18:36
Limit: FCC-15.407 new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 2 Transmit at channel 5825Mhz by 802.11n20	



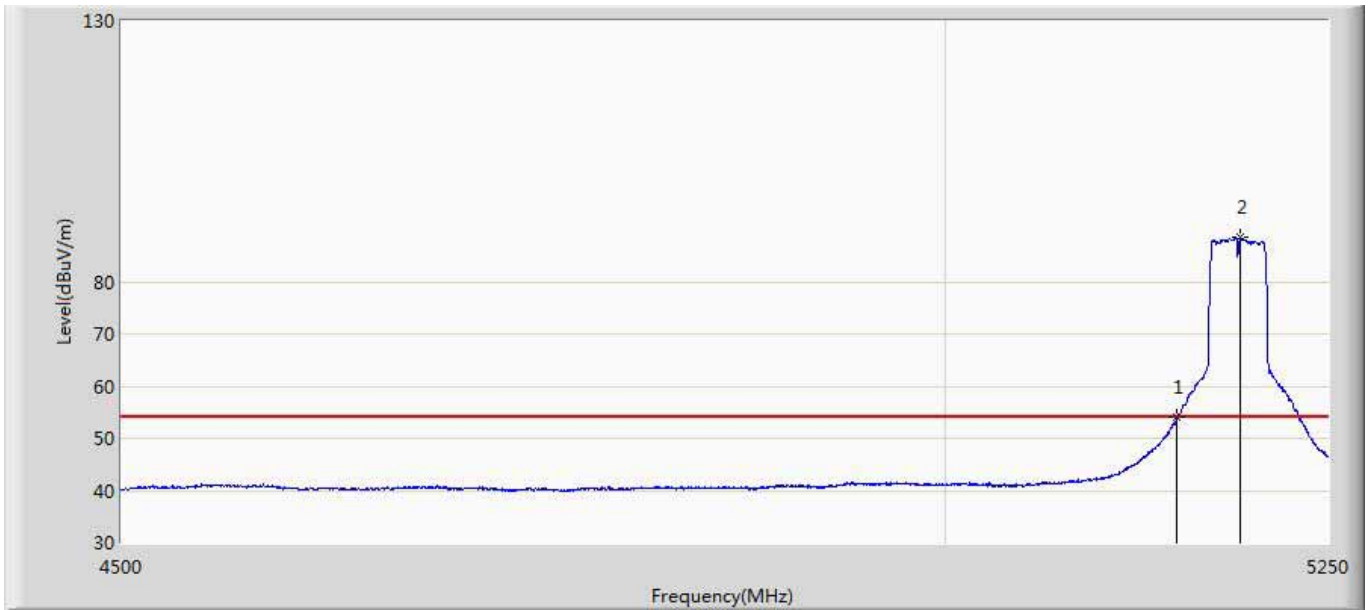
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5826.840	100.917	57.510	32.617	68.300	43.407	PK
2		5854.360	64.962	21.459	-13.338	78.300	43.502	PK
3		5863.680	63.831	20.265	-4.469	68.300	43.566	PK

Profile: T1U-NEW-2015.11.07	Page No.: 43
Engineer: Scott	
Site: AC5	Time: 2015/11/09 - 15:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 3: Transmit at CH5190Mhz by 802.11n40	



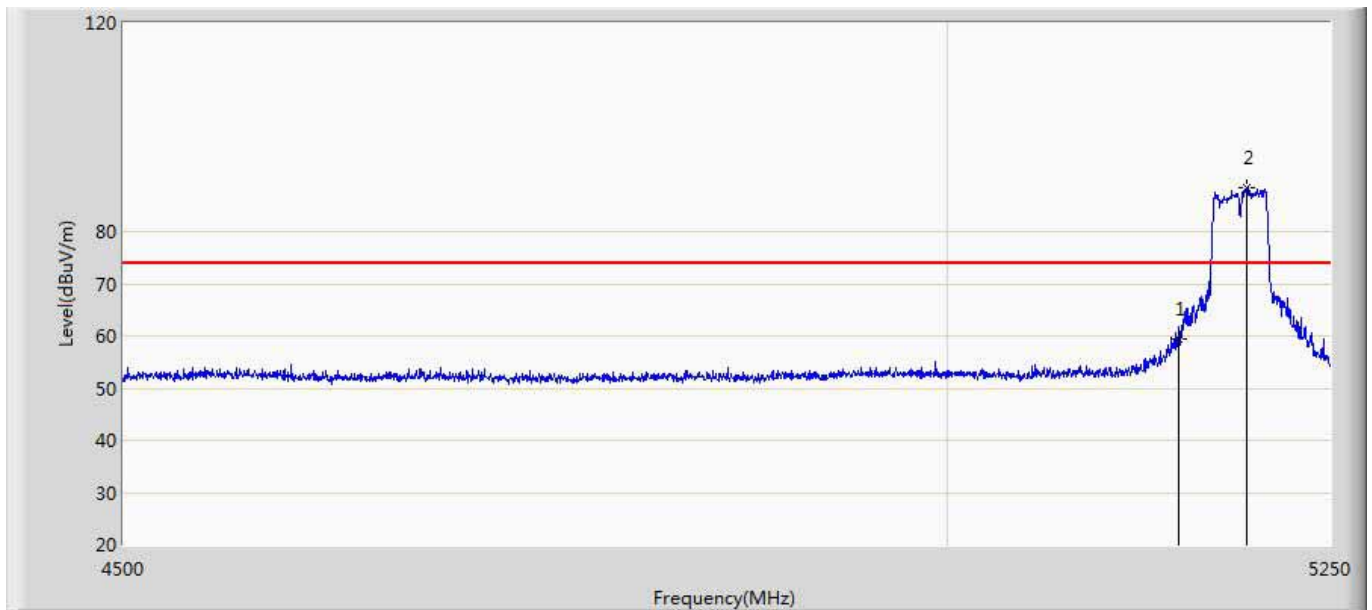
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	66.651	24.636	-7.349	74.000	42.015	PK
2	*	5194.875	98.267	56.204	24.267	74.000	42.063	PK

Profile: T1U-NEW-2015.11.07	Page No.: 44
Engineer: Scott	
Site: AC5	Time: 2015/11/09 - 15:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 3: Transmit at CH5190Mhz by 802.11n40	



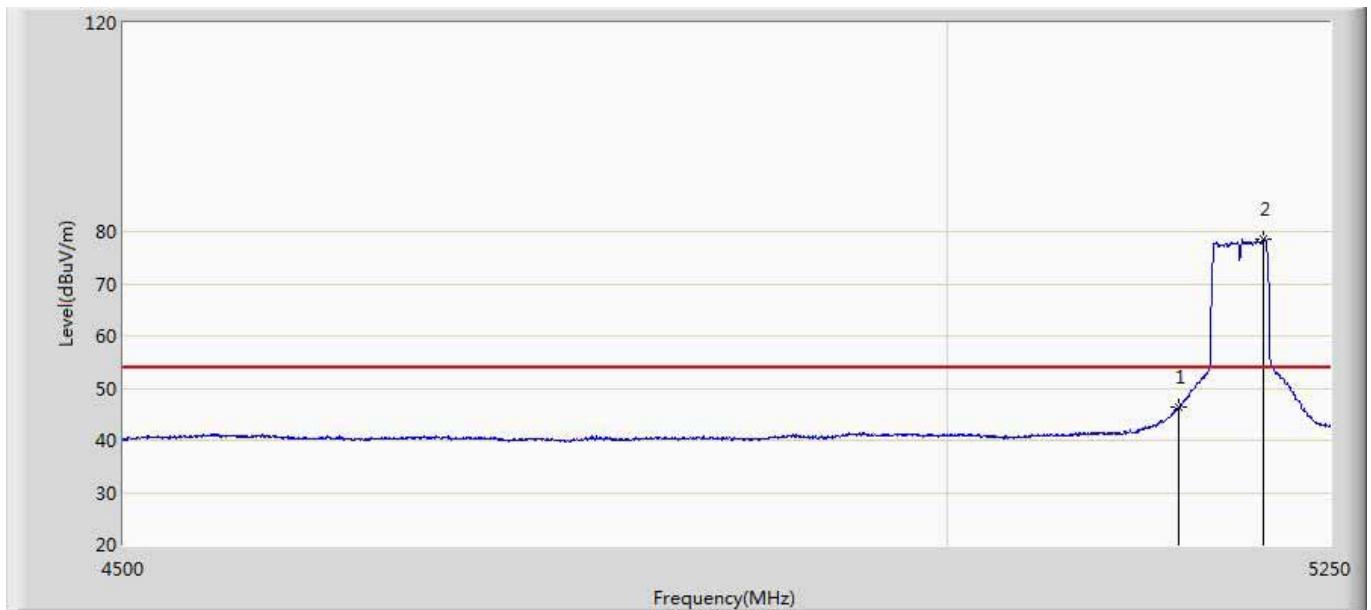
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.941	11.926	-0.059	54.000	42.015	AV
2	*	5191.500	88.627	46.543	34.627	54.000	42.084	AV

Profile: T1U-NEW-2015.11.07	Page No.: 45
Engineer: Scott	
Site: AC5	Time: 2015/11/09 - 16:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 3: Transmit at CH5190Mhz by 802.11n40	



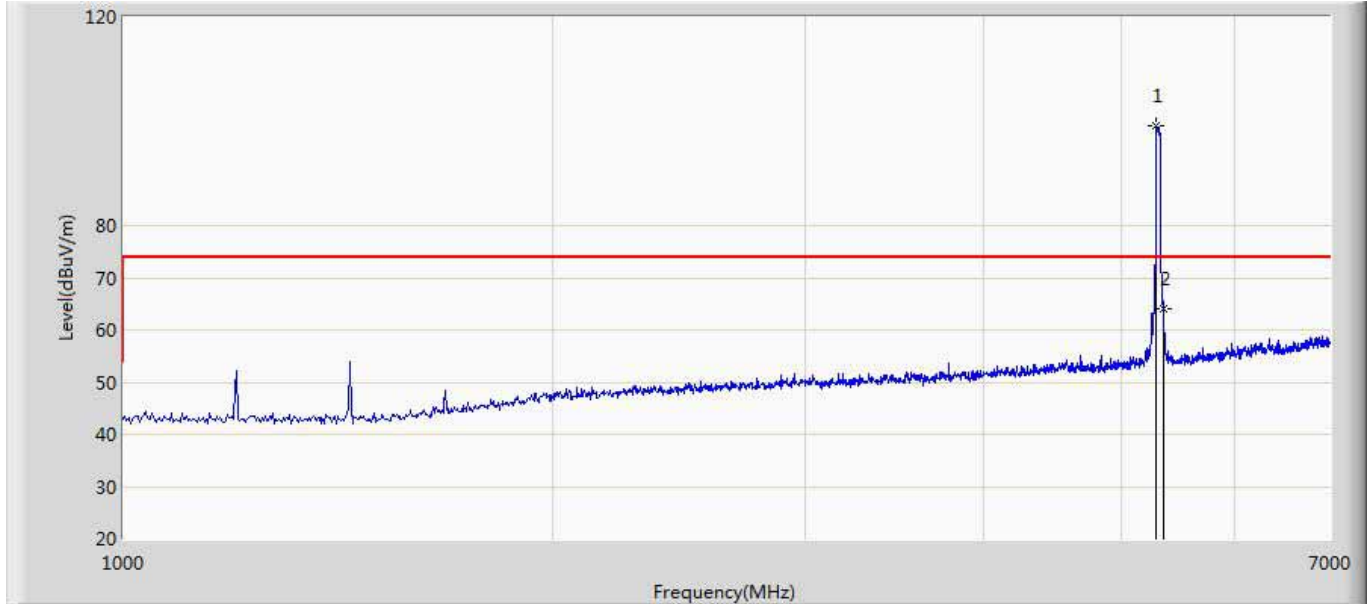
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	59.343	17.328	-14.657	74.000	42.015	PK
2	*	5194.875	88.550	46.487	14.550	74.000	42.063	PK

Profile: T1U-NEW-2015.11.07	Page No.: 46
Engineer: Scott	
Site: AC5	Time: 2015/11/09 - 16:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 3: Transmit at CH5190Mhz by 802.11n40	



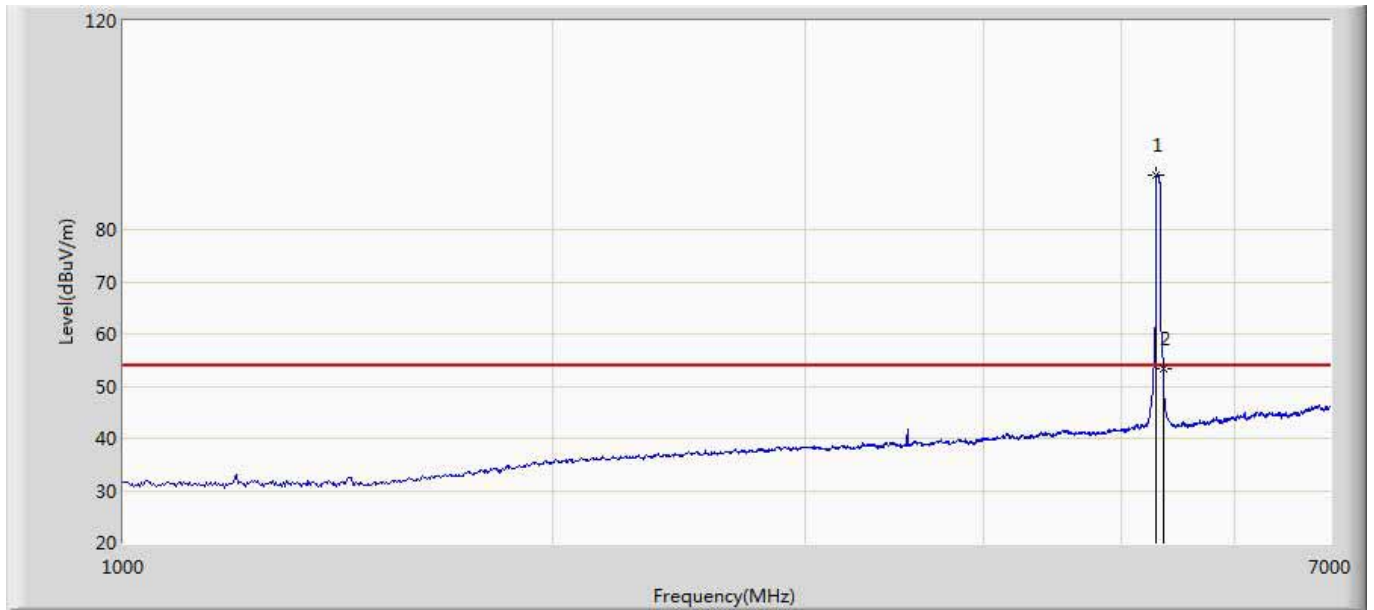
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	46.408	4.393	-7.592	54.000	42.015	AV
2	*	5205.375	78.563	36.547	24.563	54.000	42.016	AV

Site: AC5	Time: 2015/09/22 - 20:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 3 Transmit at channel 5310Mhz by 802.11n40	



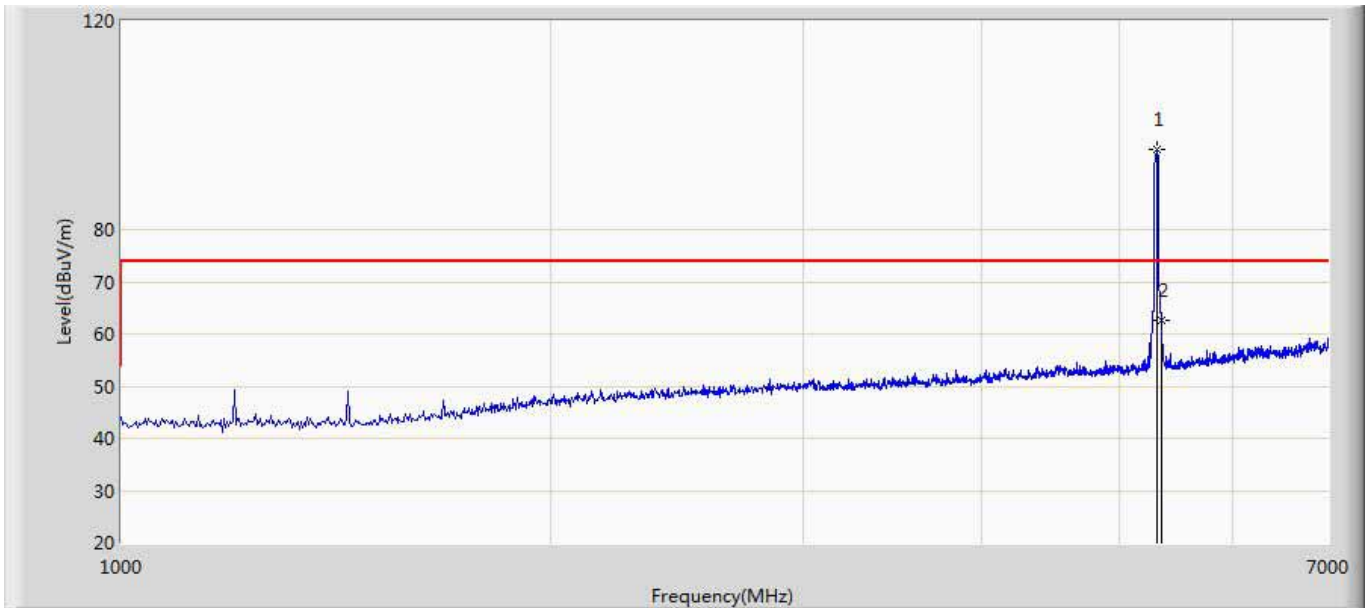
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5293.000	99.240	56.995	25.240	74.000	42.245	PK
2		5350.000	64.098	21.582	-9.902	74.000	42.516	PK

Site: AC5	Time: 2015/09/22 - 20:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 3 Transmit at channel 5310Mhz by 802.11n40	



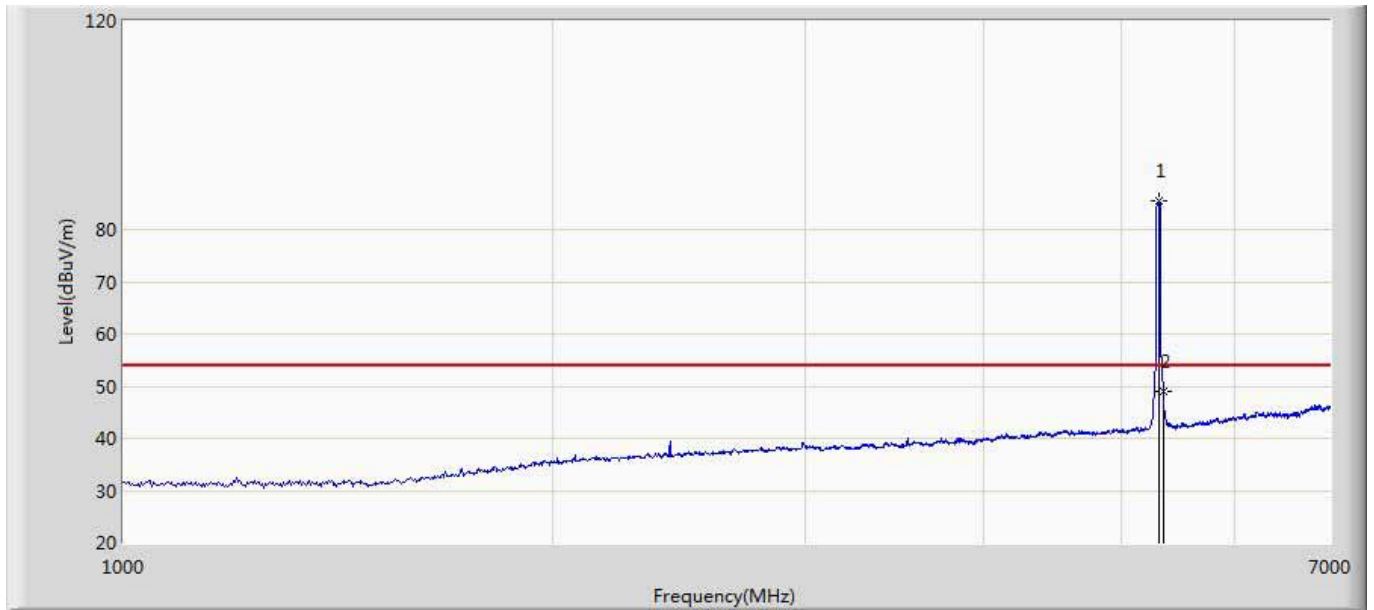
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5293.000	90.348	48.103	36.348	54.000	42.245	AV
2		5350.000	53.302	10.786	-0.698	54.000	42.516	AV

Site: AC5	Time: 2015/09/22 - 20:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 3 Transmit at channel 5310Mhz by 802.11n40	



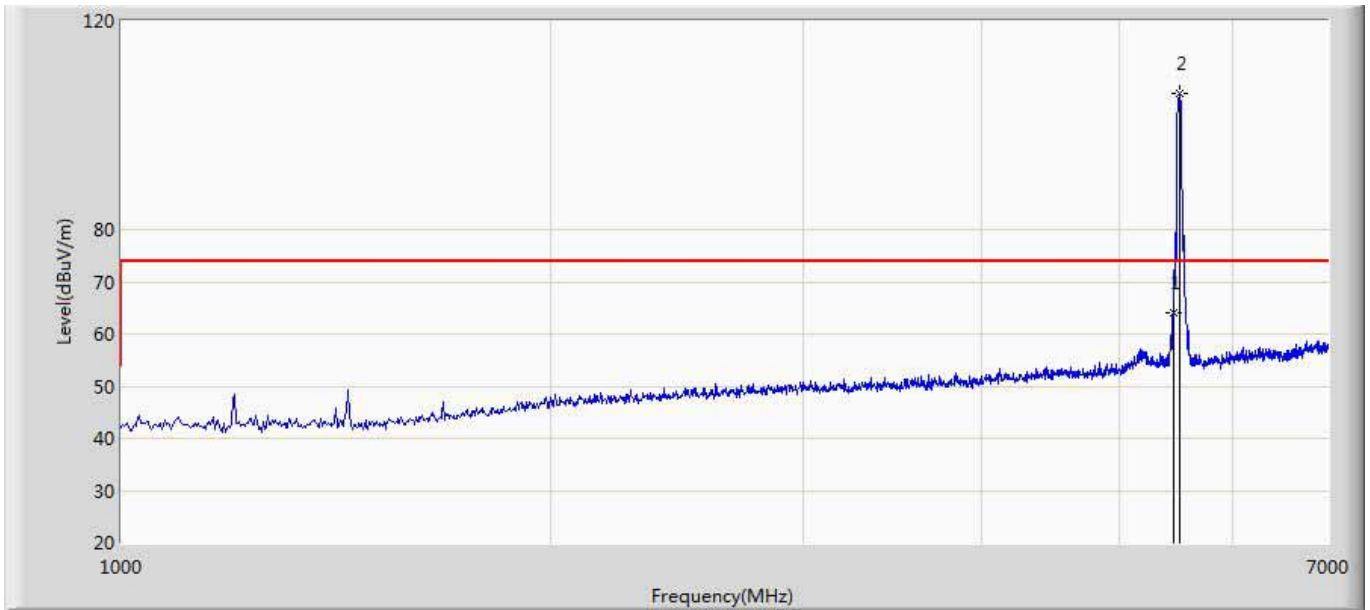
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5317.000	95.421	53.025	21.421	74.000	42.396	PK
2		5350.000	62.629	20.113	-11.371	74.000	42.516	PK

Site: AC5	Time: 2015/09/22 - 20:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 3 Transmit at channel 5310Mhz by 802.11n40	



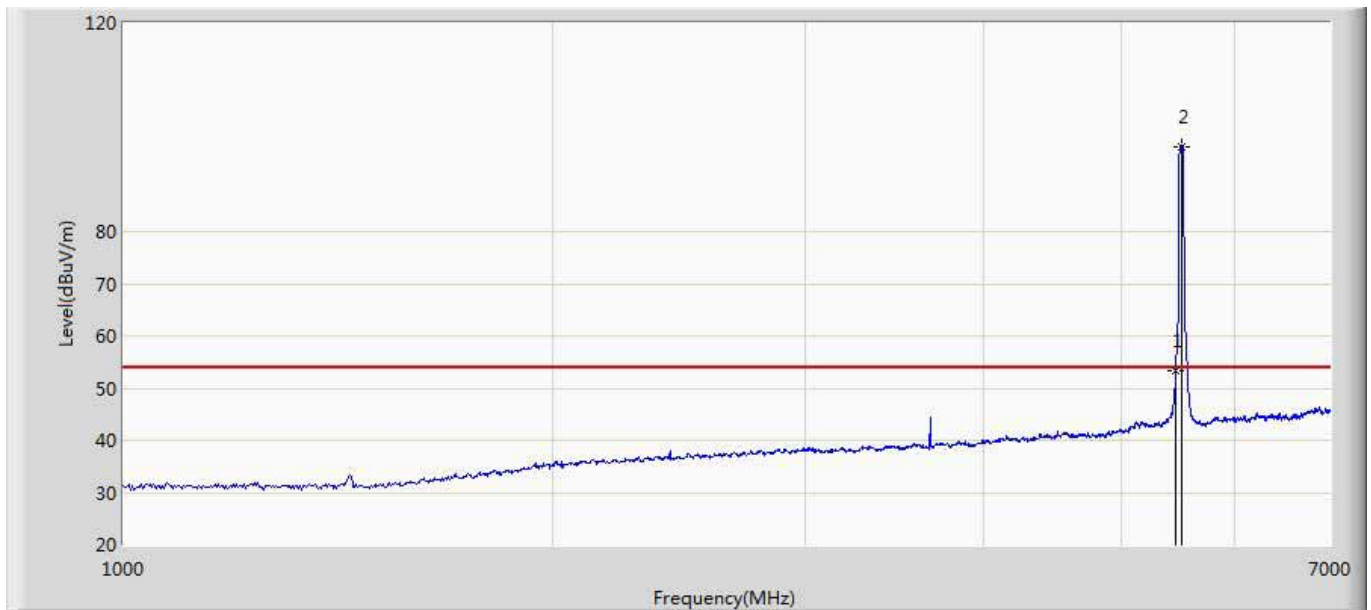
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5308.000	85.543	43.149	31.543	54.000	42.394	AV
2		5350.000	49.029	6.513	-4.971	54.000	42.516	AV

Site: AC5	Time: 2015/09/22 - 21:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 3 Transmit at channel 5510Mhz by 802.11n40	



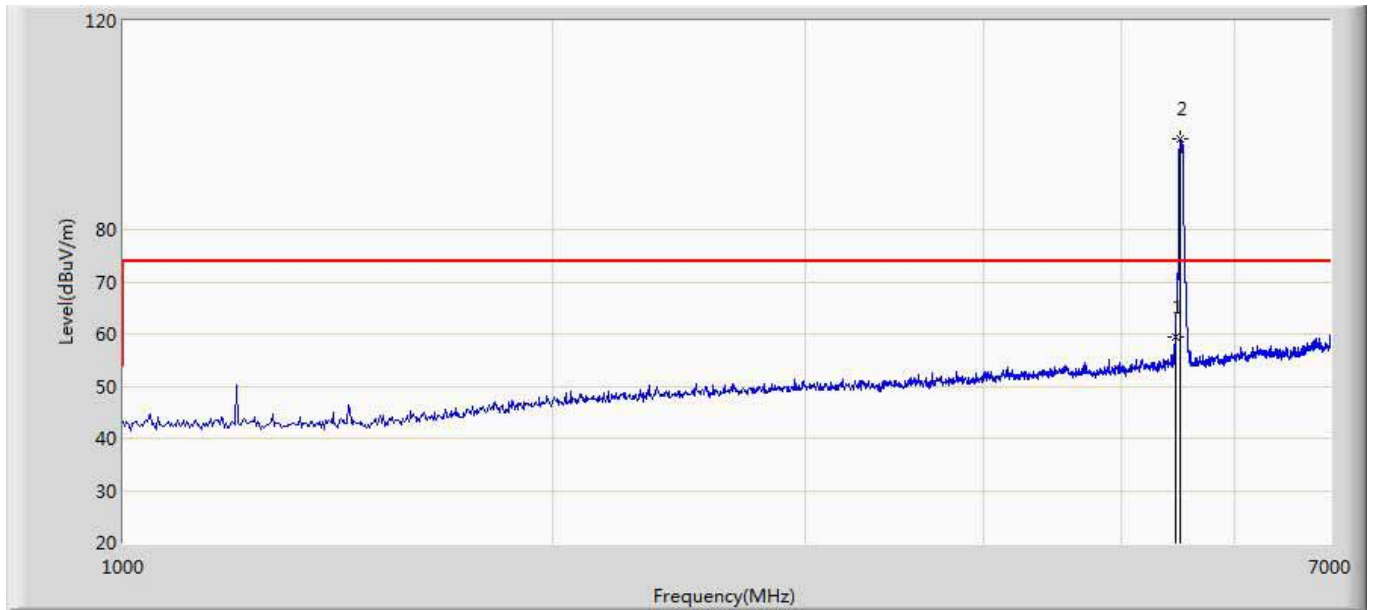
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	64.072	21.415	-9.928	74.000	42.657	PK
2	*	5515.000	106.033	63.266	32.033	74.000	42.767	PK

Site: AC5	Time: 2015/09/22 - 21:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 3 Transmit at channel 5510Mhz by 802.11n40	



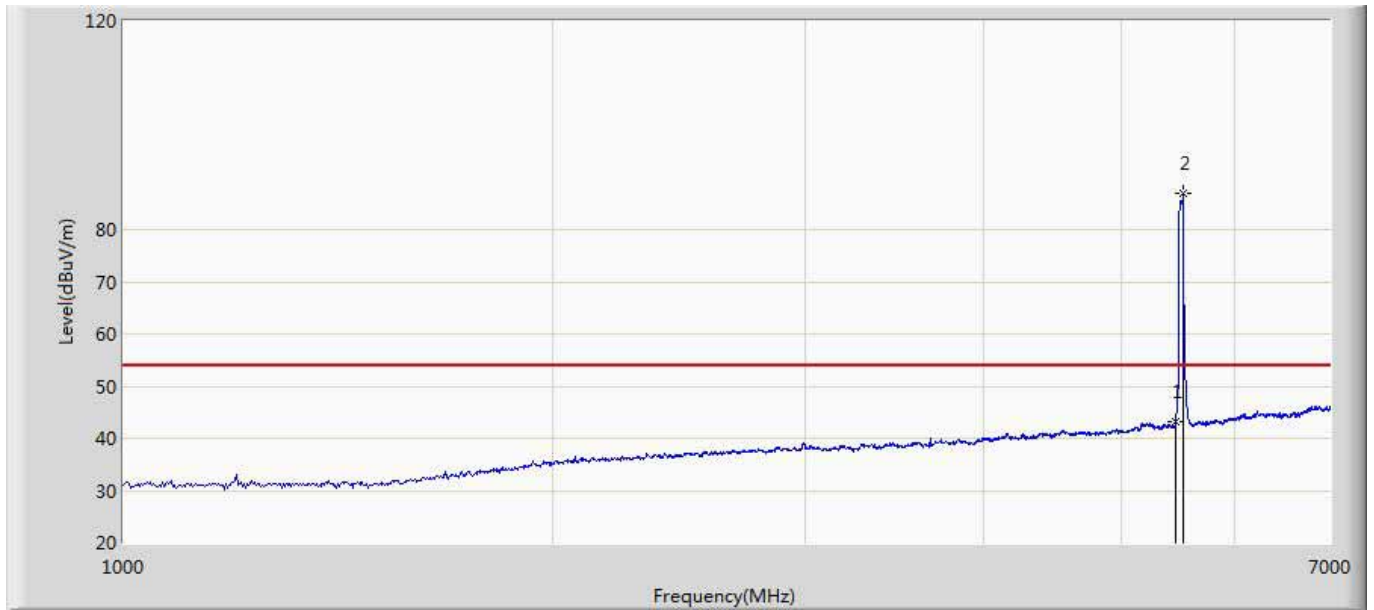
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	53.445	10.788	-0.555	54.000	42.657	AV
2	*	5509.000	96.269	53.606	42.269	54.000	42.664	AV

Site: AC5	Time: 2015/09/22 - 21:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 3 Transmit at channel 5510Mhz by 802.11n40	



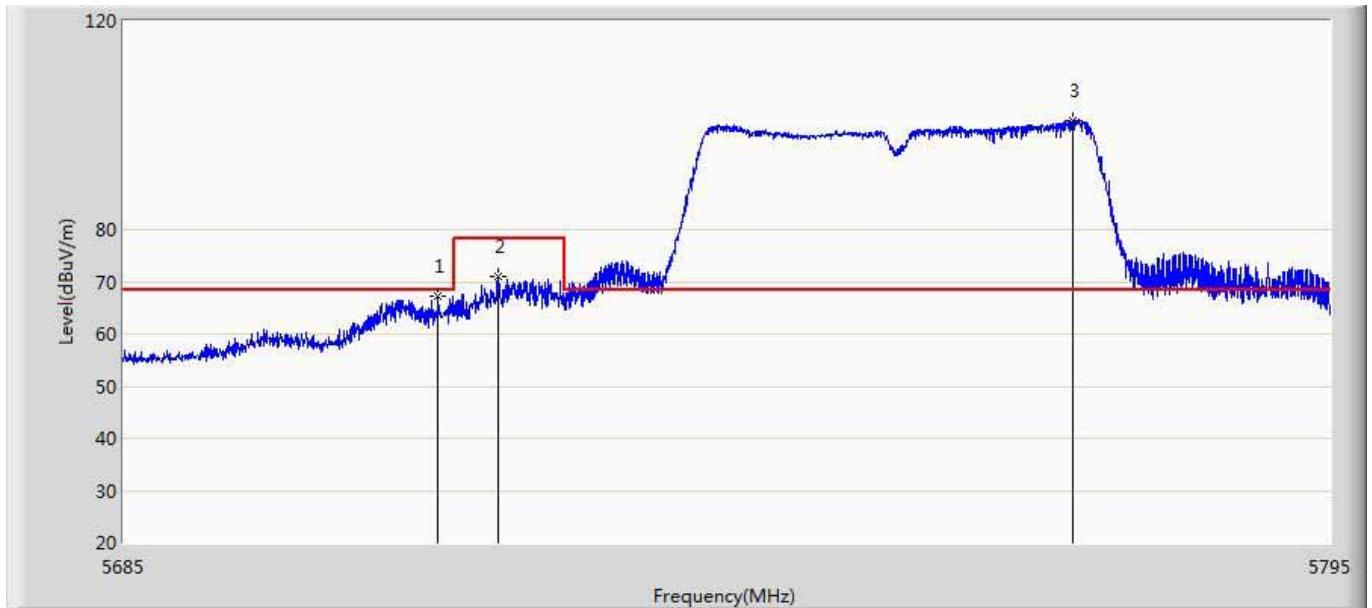
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	59.395	16.738	-14.605	74.000	42.657	PK
2	*	5494.000	97.471	54.743	23.471	74.000	42.728	PK

Site: AC5	Time: 2015/09/22 - 21:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 3 Transmit at channel 5510Mhz by 802.11n40	



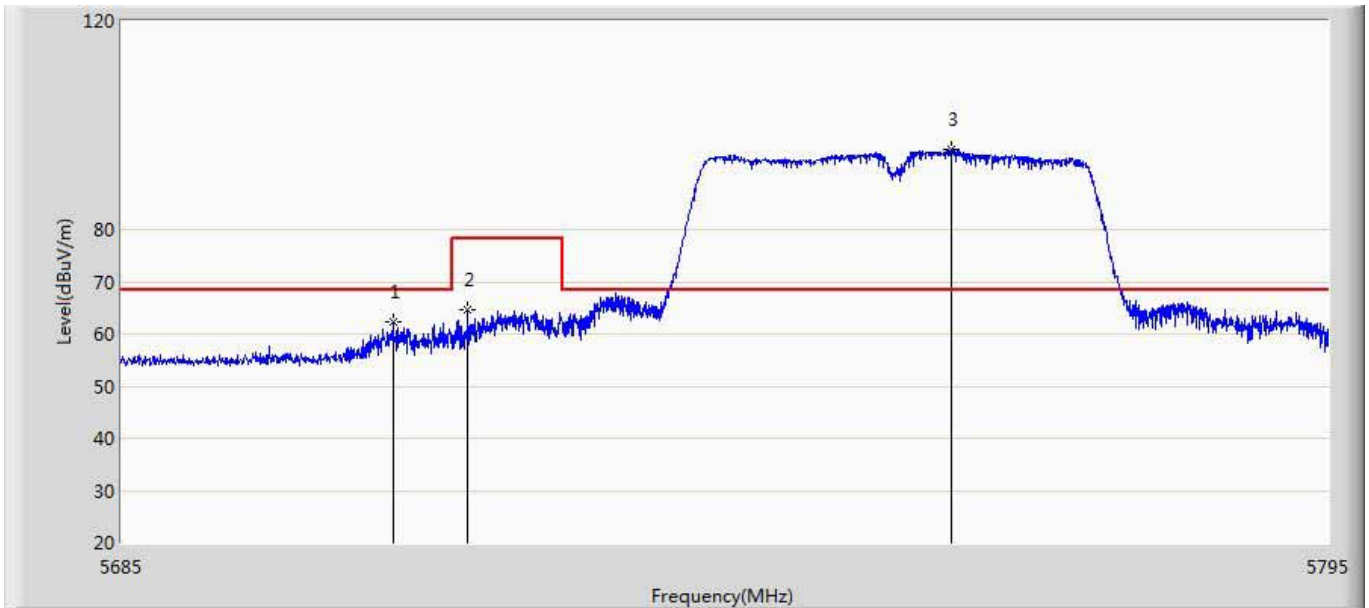
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	43.245	0.588	-10.755	54.000	42.657	AV
2	*	5527.000	86.926	44.040	32.926	54.000	42.886	AV

Site: AC5	Time: 2015/09/22 - 21:24
Limit: FCC-15.407 new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 3 Transmit at channel 5755Mhz by 802.11n40	



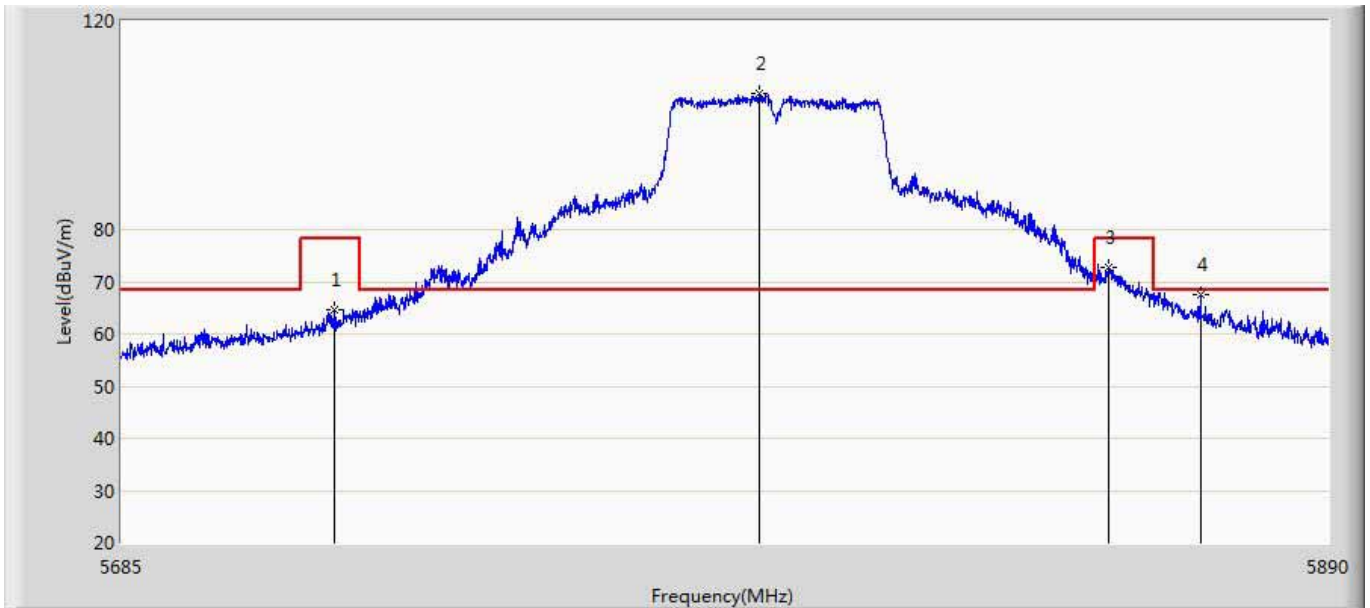
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5713.490	67.202	23.897	-1.098	68.300	43.305	PK
2		5718.990	70.946	27.660	-7.354	78.300	43.287	PK
3	*	5771.405	101.007	57.699	32.707	68.300	43.308	PK

Site: AC5	Time: 2015/09/22 - 21:29
Limit: FCC-15.407 new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 3 Transmit at channel 5755Mhz by 802.11n40	



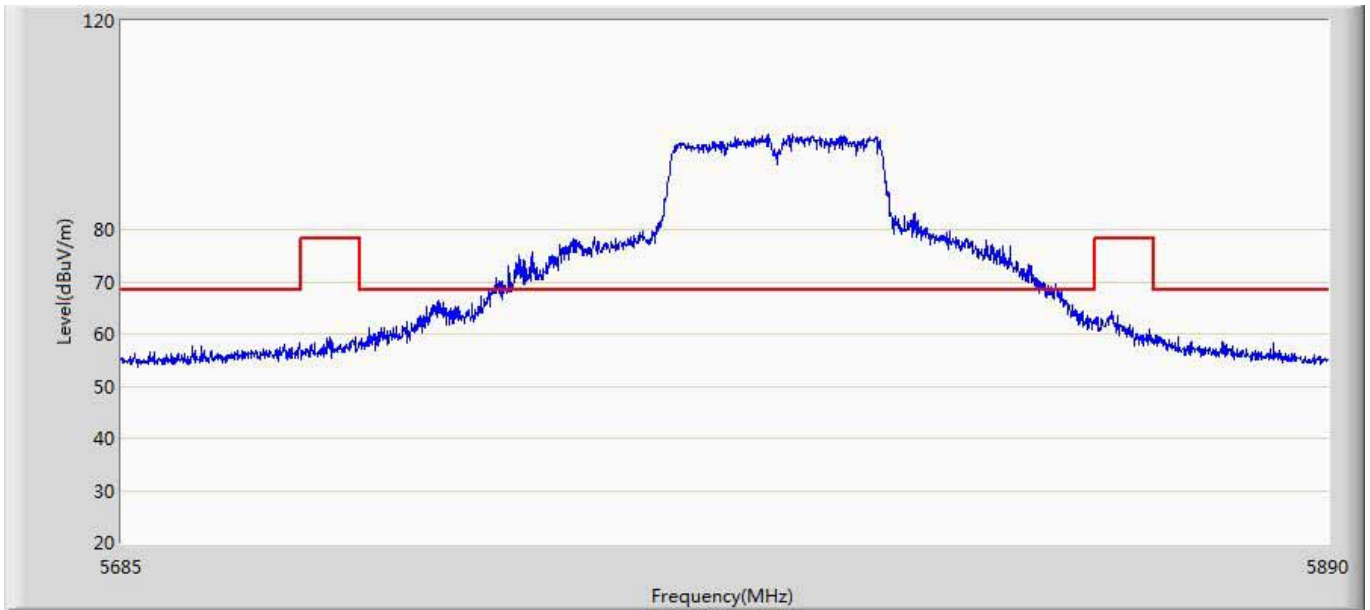
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5709.585	62.248	18.930	-6.052	68.300	43.319	PK
2		5716.405	64.571	21.276	-13.729	78.300	43.295	PK
3	*	5760.405	95.332	52.087	27.032	68.300	43.245	PK

Site: AC5	Time: 2015/09/22 - 21:46
Limit: FCC-15.407 new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 3 Transmit at channel 5795Mhz by 802.11n40	



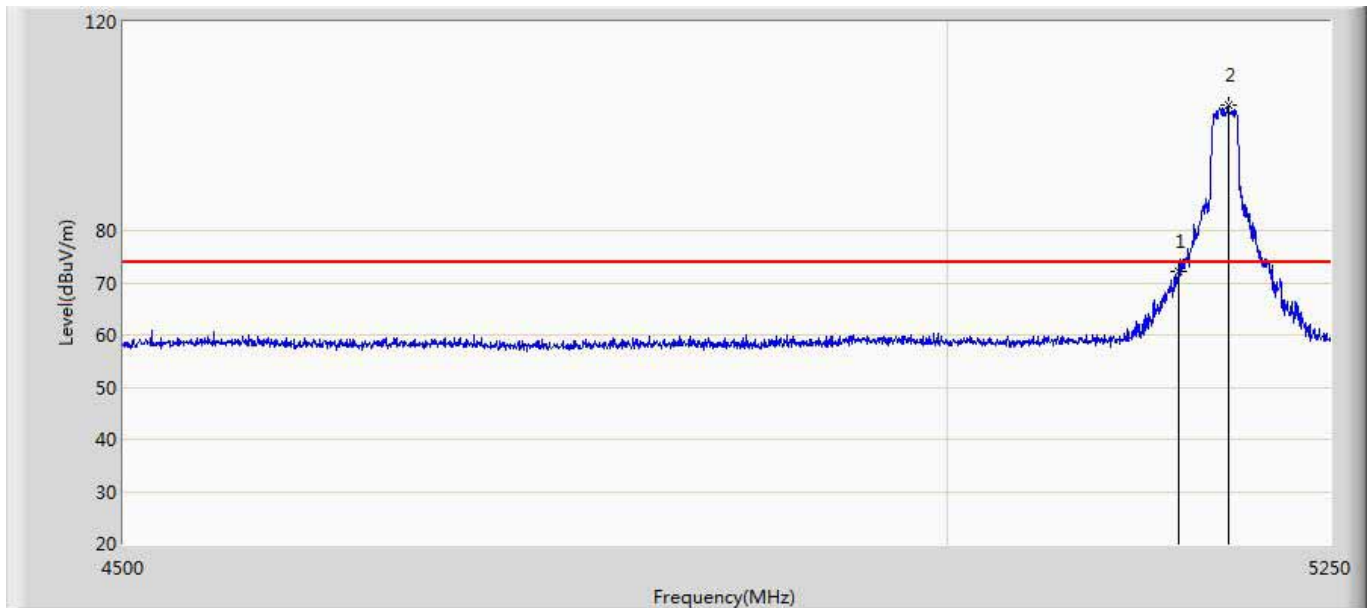
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5720.670	64.656	21.375	-13.644	78.300	43.281	PK
2	*	5792.625	106.125	62.834	37.825	68.300	43.291	PK
3		5852.178	72.703	29.217	-5.597	78.300	43.486	PK
4		5868.065	67.560	23.980	-0.740	68.300	43.581	PK

Site: AC5	Time: 2015/09/22 - 21:48
Limit: FCC-15.407 new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 3 Transmit at channel 5795Mhz by 802.11n40	



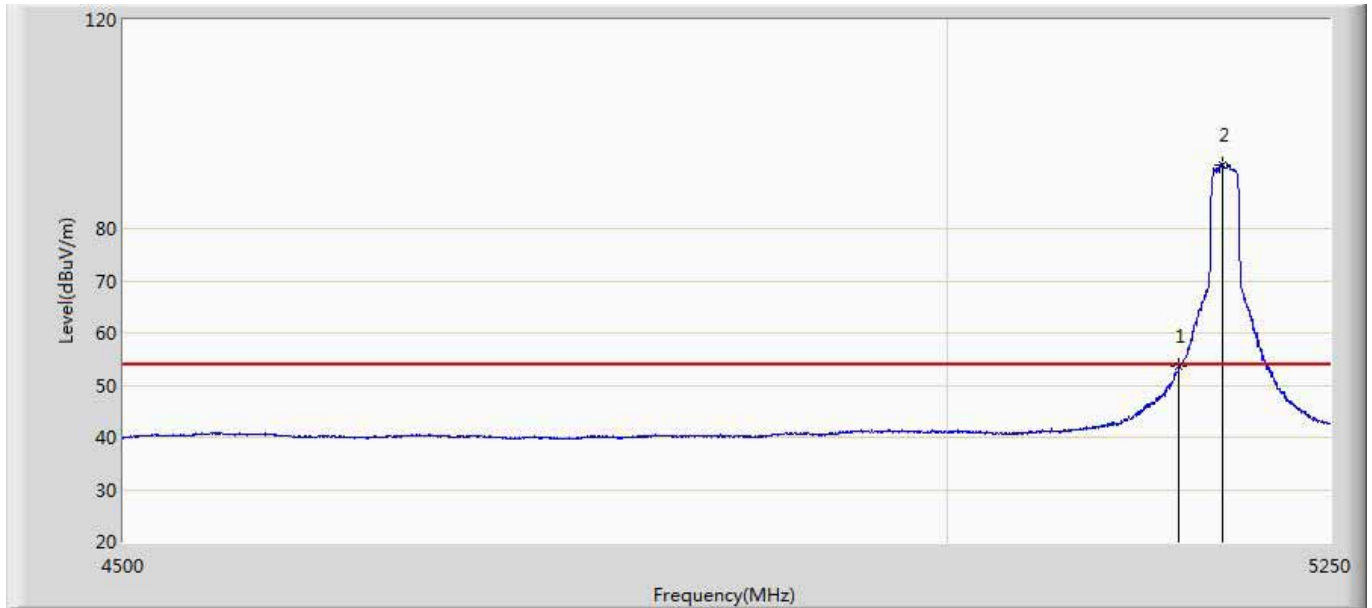
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5720.670	64.656	21.375	-13.644	78.300	43.281	PK
2	*	5792.625	106.125	62.834	37.825	68.300	43.291	PK

Profile: T1U-NEW-2015.11.07	Page No.: 52
Engineer: Scott	
Site: AC5	Time: 2015/11/09 - 16:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 4: Transmit at CH5180Mhz by 802.11AC20	



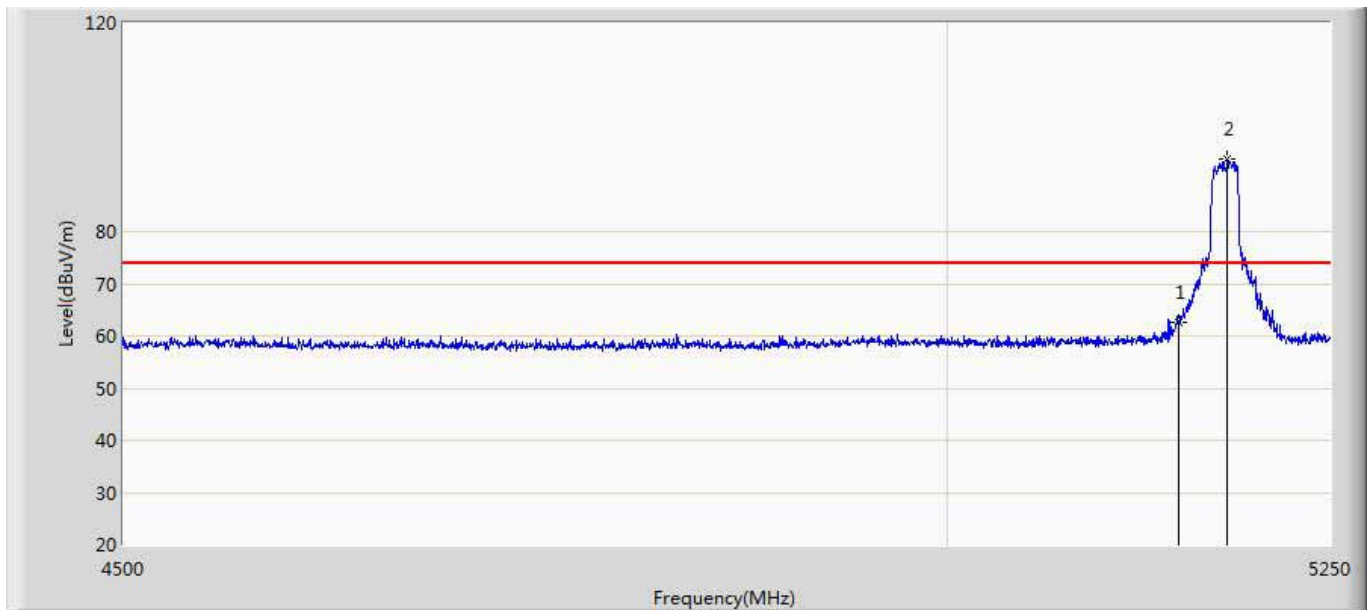
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	72.264	30.249	-1.736	74.000	42.015	PK
2	*	5182.125	104.192	62.048	30.192	74.000	42.144	PK

Profile: T1U-NEW-2015.11.07	Page No.: 51
Engineer: Scott	
Site: AC5	Time: 2015/11/09 - 16:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 4: Transmit at CH5180Mhz by 802.11AC20	



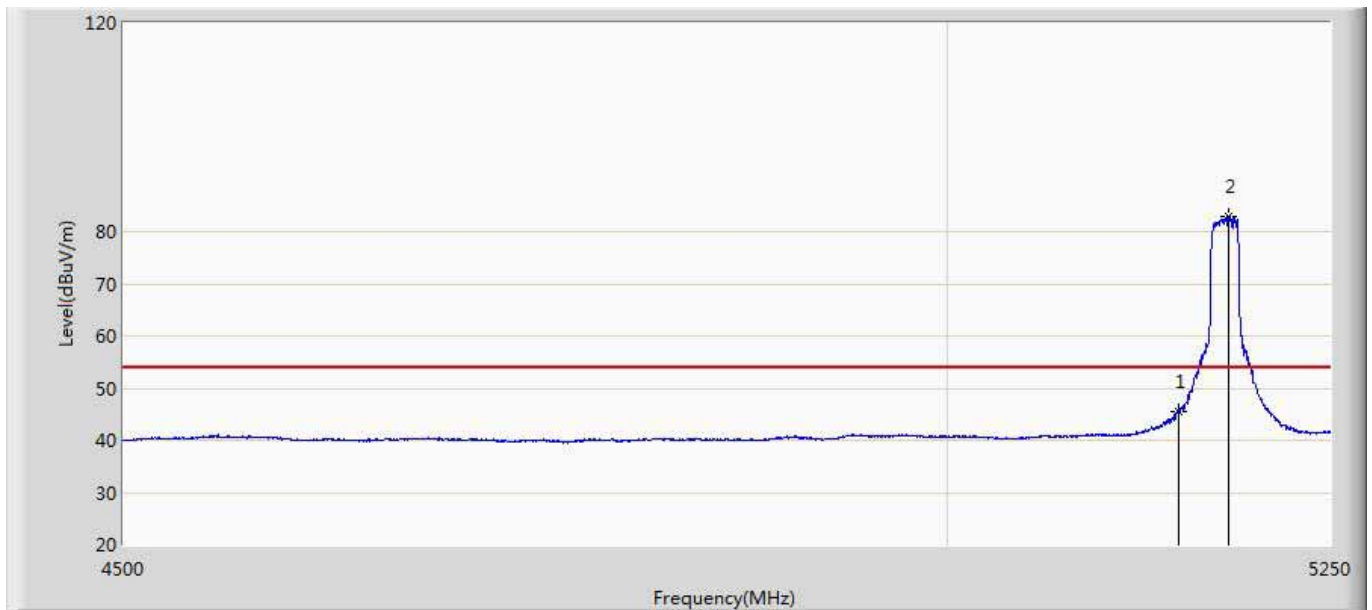
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.616	11.601	-0.384	54.000	42.015	AV
2	*	5178.375	92.302	50.157	38.302	54.000	42.145	AV

Profile: T1U-NEW-2015.11.07	Page No.: 53
Engineer: Scott	
Site: AC5	Time: 2015/11/09 - 16:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 4: Transmit at CH5180Mhz by 802.11AC20	



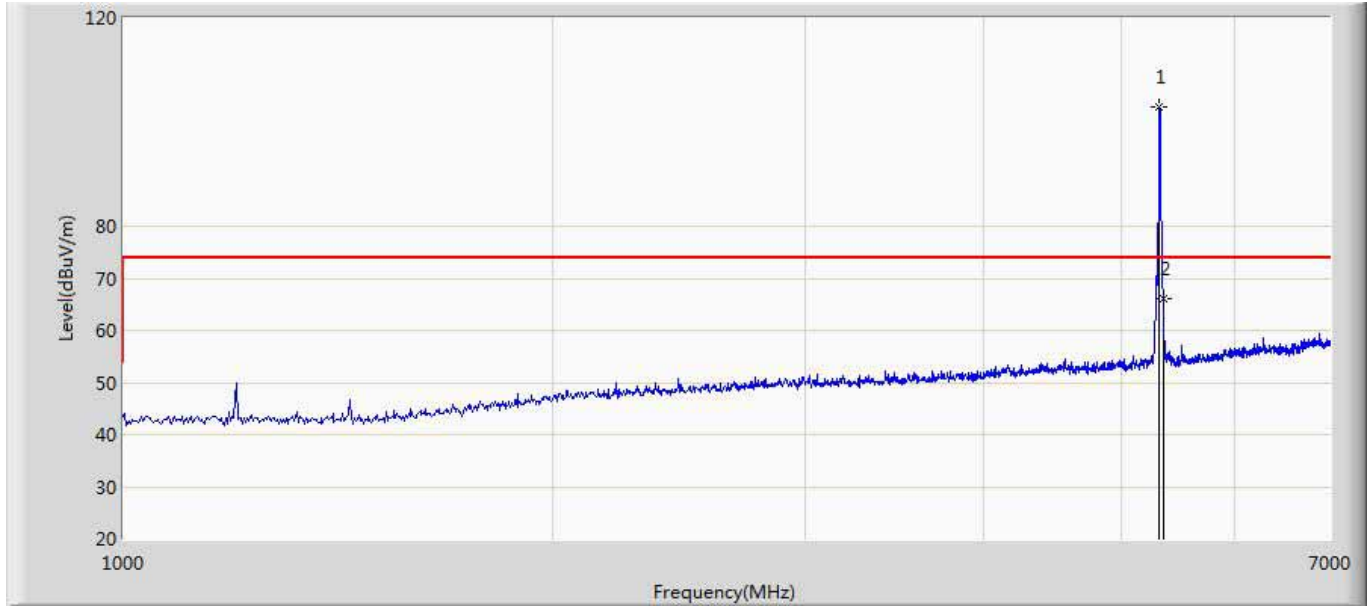
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	62.732	20.717	-11.268	74.000	42.015	PK
2	*	5181.750	93.821	51.676	19.821	74.000	42.146	PK

Profile: T1U-NEW-2015.11.07	Page No.: 54
Engineer: Scott	
Site: AC5	Time: 2015/11/09 - 16:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 4: Transmit at CH5180Mhz by 802.11AC20	



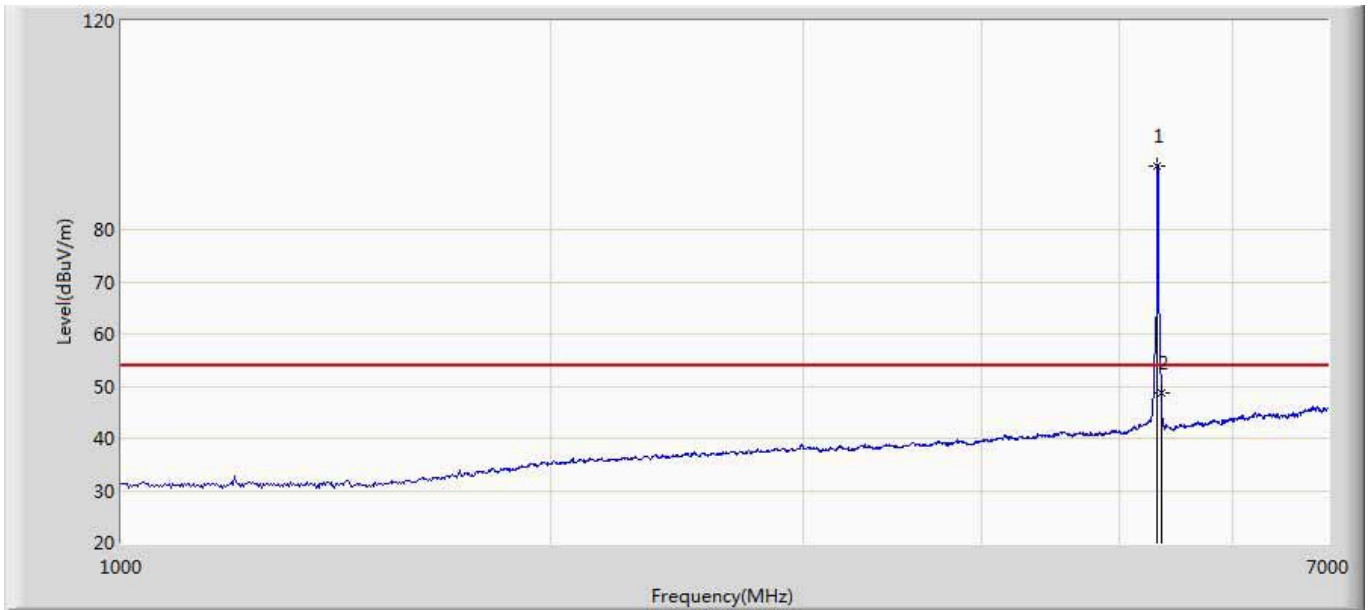
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	45.643	3.628	-8.357	54.000	42.015	AV
2	*	5182.125	83.002	40.858	29.002	54.000	42.144	AV

Site: AC5	Time: 2015/09/22 - 22:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 4 Transmit at channel 5320Mhz by 802.11ac20	



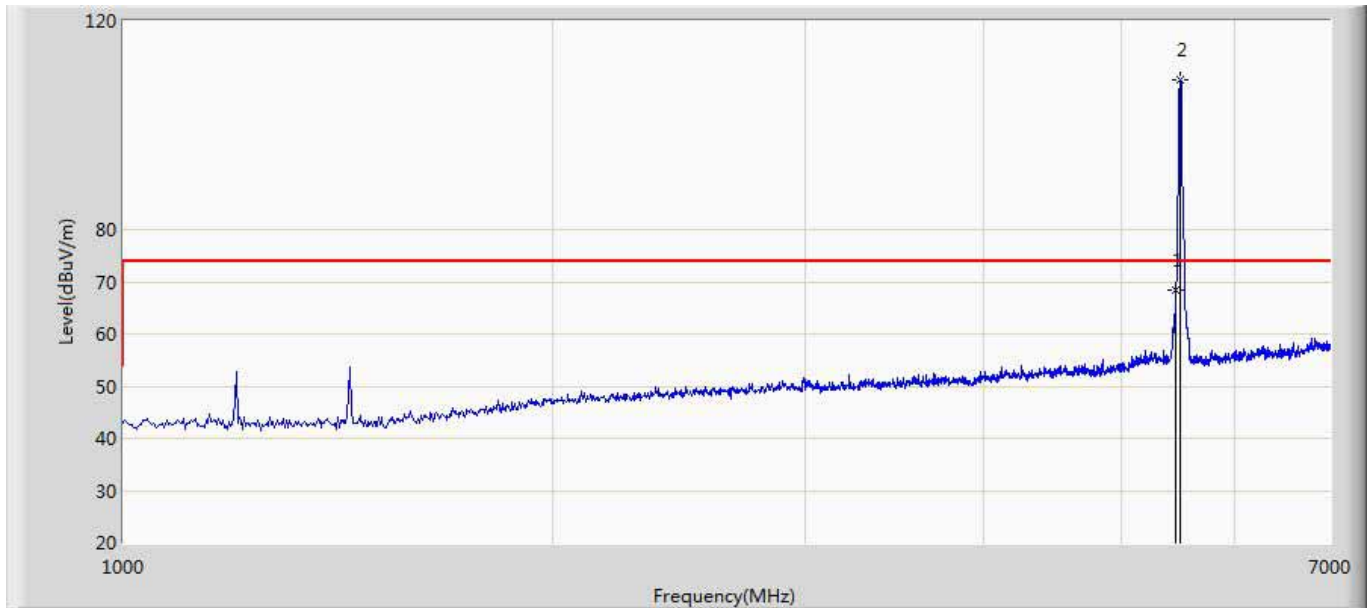
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5317.000	102.801	60.405	28.801	74.000	42.396	PK
2		5350.000	66.207	23.691	-7.793	74.000	42.516	PK

Site: AC5	Time: 2015/09/22 - 22:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 4 Transmit at channel 5320Mhz by 802.11ac20	



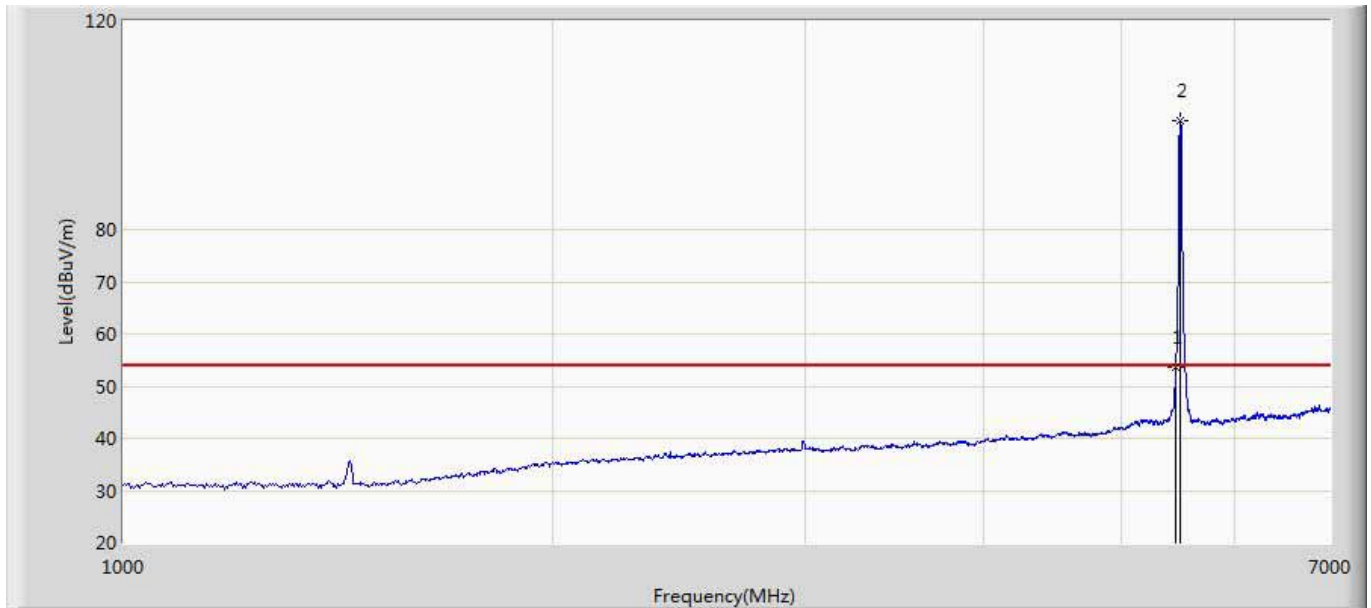
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5314.000	92.306	49.910	38.306	54.000	42.396	AV
2		5350.000	48.828	6.312	-5.172	54.000	42.516	AV

Site: AC5	Time: 2015/09/22 - 23:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 4 Transmit at channel 5500Mhz by 802.11ac20	



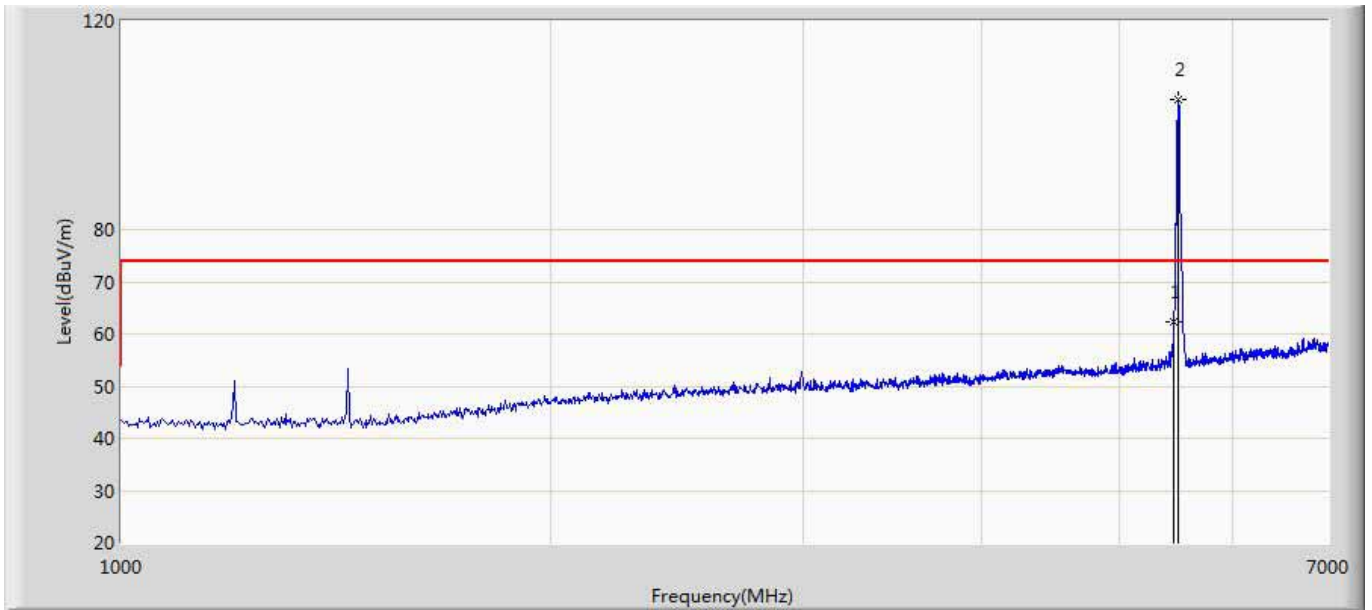
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	68.335	25.678	-5.665	74.000	42.657	PK
2	*	5503.000	108.744	66.125	34.744	74.000	42.619	PK

Site: AC5	Time: 2015/09/22 - 23:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 4 Transmit at channel 5500Mhz by 802.11ac20	



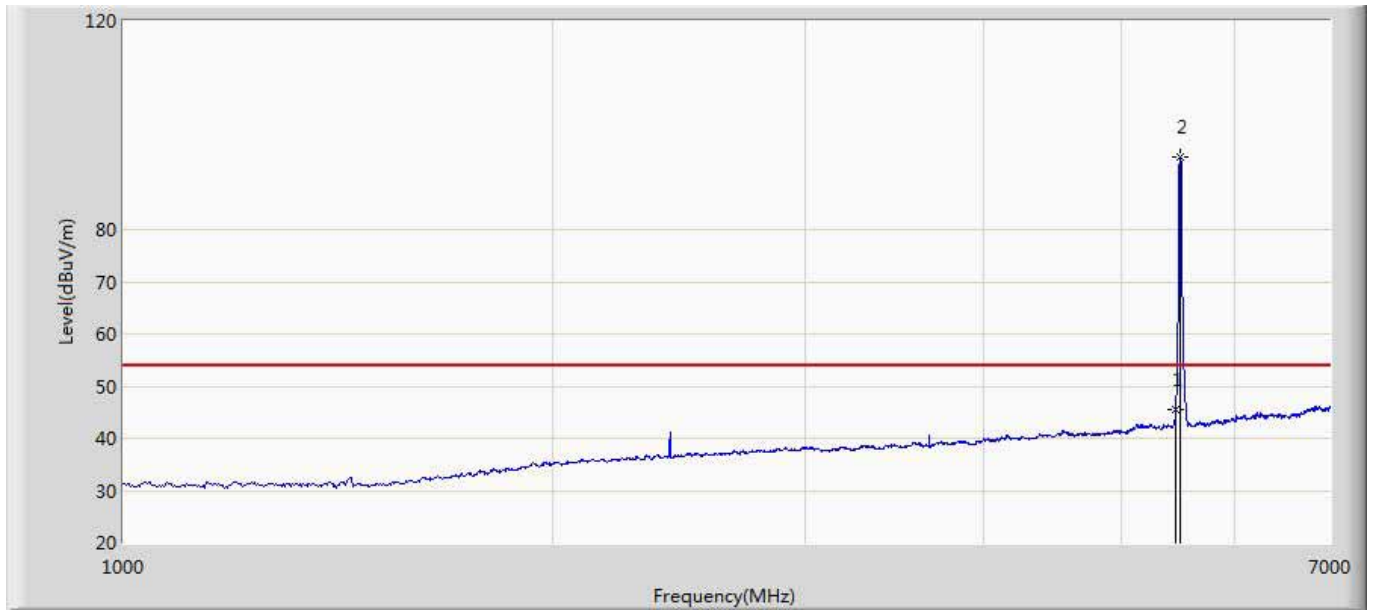
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	53.733	11.076	-0.267	54.000	42.657	AV
2	*	5500.000	100.776	58.121	46.776	54.000	42.655	AV

Site: AC5	Time: 2015/09/22 - 23:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 4 Transmit at channel 5500Mhz by 802.11ac20	



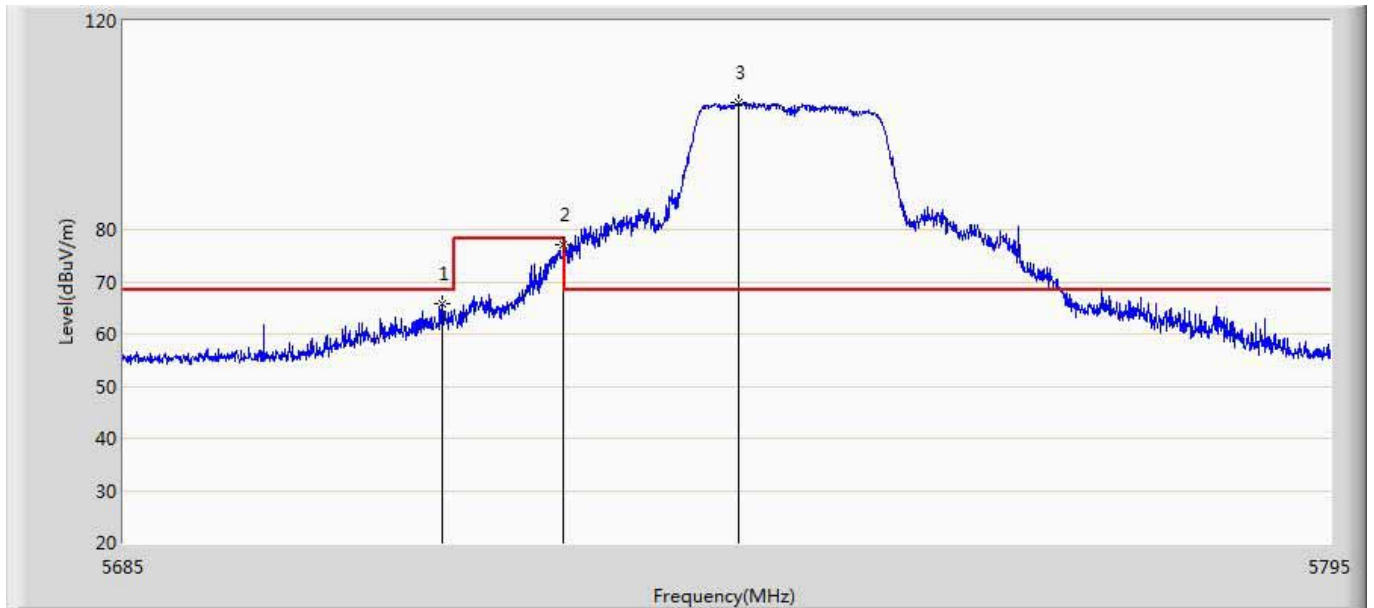
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	62.278	19.621	-11.722	74.000	42.657	PK
2	*	5500.000	104.812	62.157	30.812	74.000	42.655	PK

Site: AC5	Time: 2015/09/22 - 23:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 4 Transmit at channel 5500Mhz by 802.11ac20	



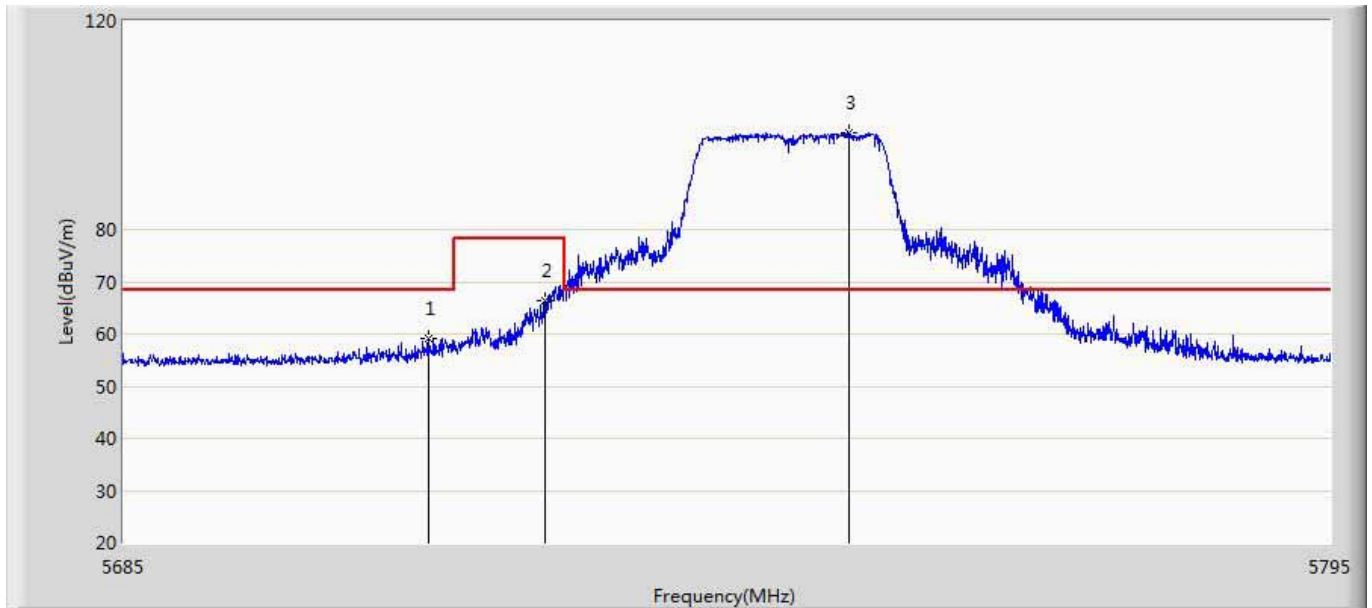
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	45.625	2.968	-8.375	54.000	42.657	AV
2	*	5500.000	93.966	51.311	39.966	54.000	42.655	AV

Site: AC5	Time: 2015/09/22 - 23:11
Limit: FCC-15.407 new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 4 Transmit at channel 5745Mhz by 802.11ac20	



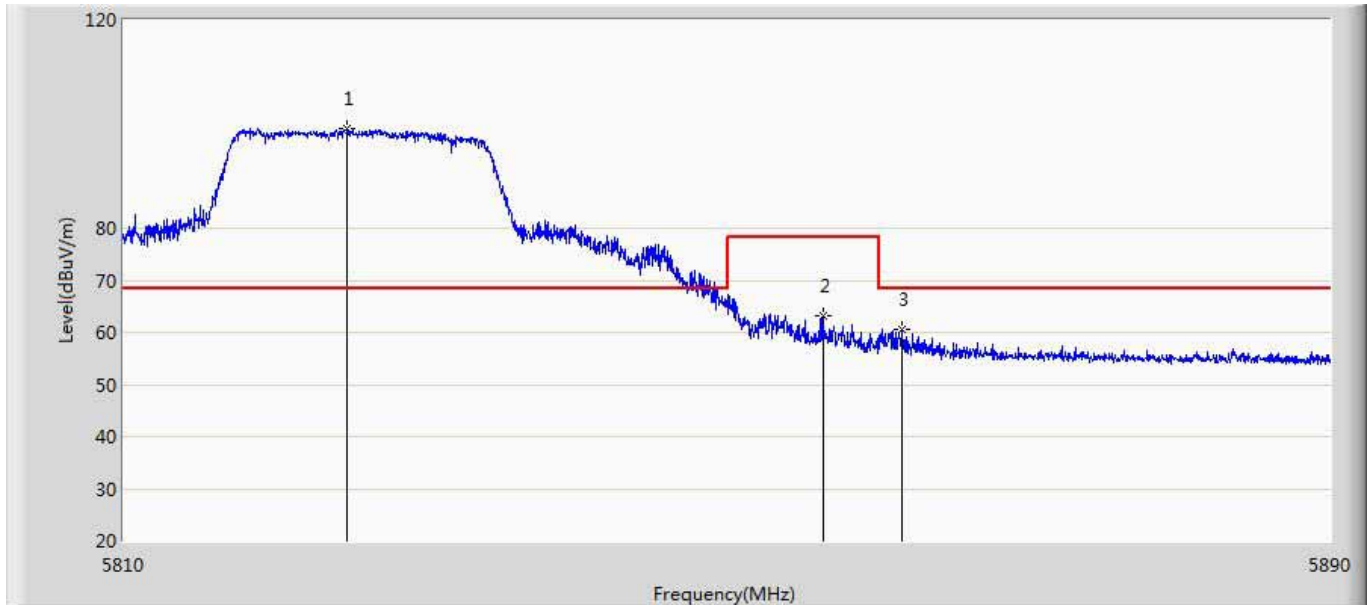
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5713.820	65.823	22.519	-2.477	68.300	43.304	PK
2		5724.930	77.153	33.887	-1.147	78.300	43.267	PK
3	*	5740.825	104.343	61.045	36.043	68.300	43.298	PK

Site: AC5	Time: 2015/09/22 - 23:16
Limit: FCC-15.407 new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 4 Transmit at channel 5745Mhz by 802.11ac20	



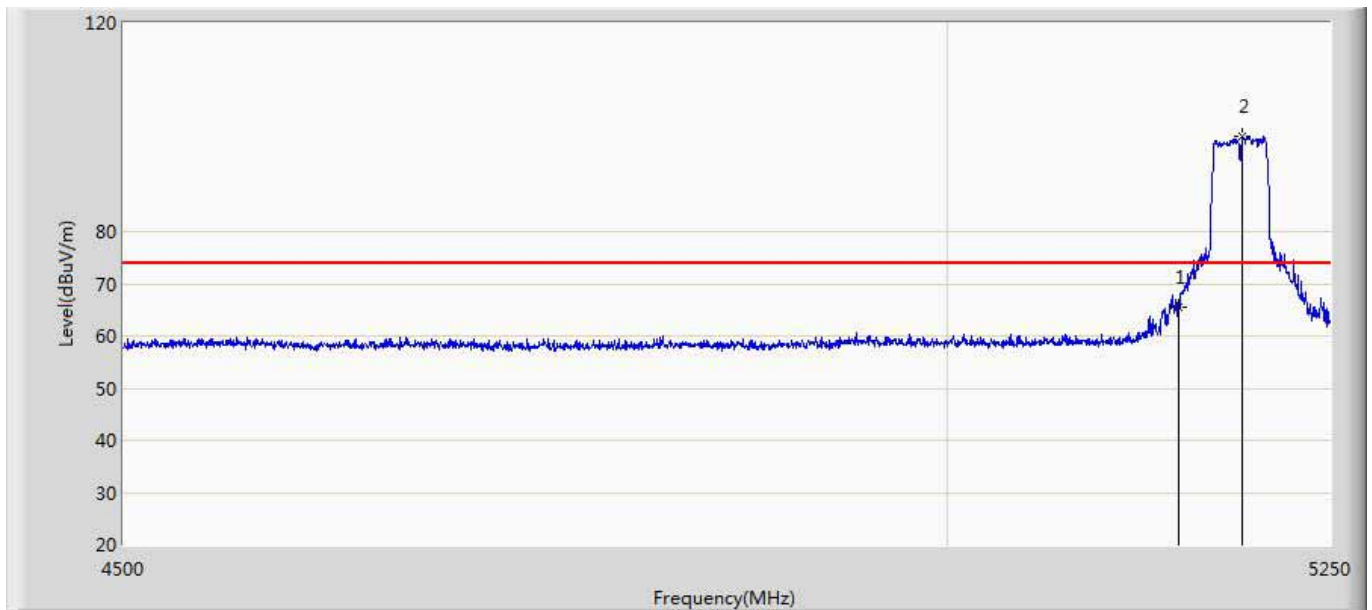
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5712.610	59.133	15.825	-9.167	68.300	43.308	PK
2		5723.170	66.438	23.166	-11.862	78.300	43.272	PK
3	*	5750.945	98.583	55.308	30.283	68.300	43.274	PK

Site: AC5	Time: 2015/09/22 - 23:29
Limit: FCC-15.407 new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 4 Transmit at channel 5825Mhz by 802.11ac20	



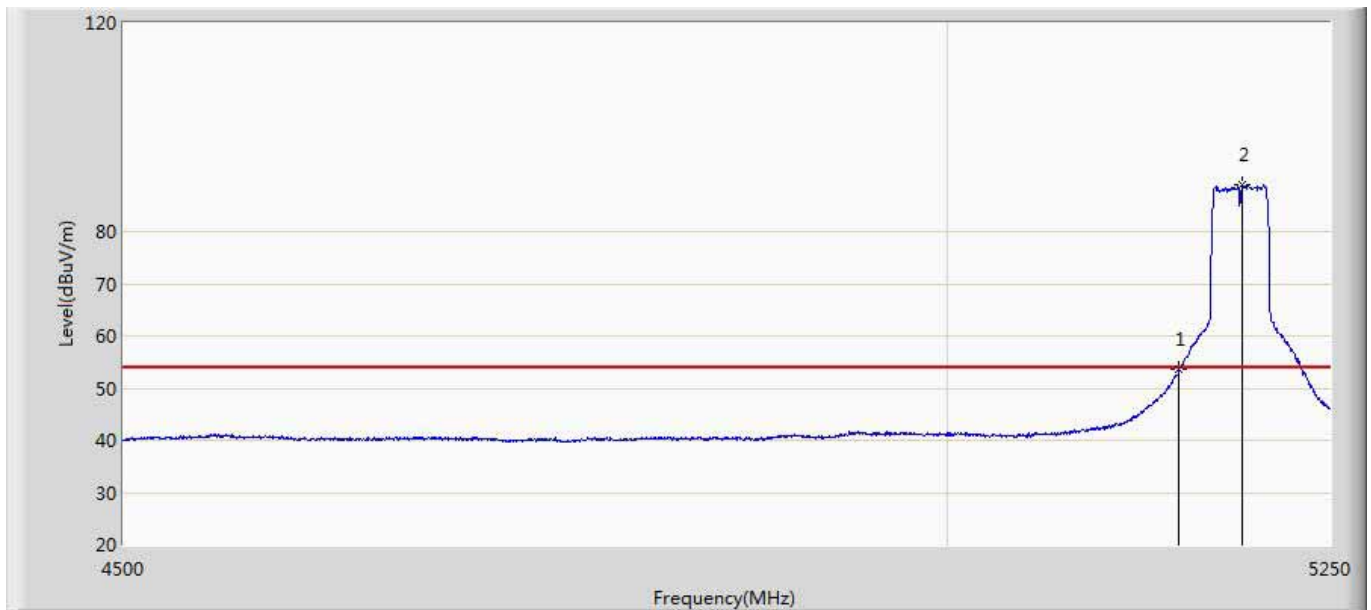
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5824.760	99.058	55.656	30.758	68.300	43.402	PK
2		5856.240	63.091	19.574	-15.209	78.300	43.517	PK
3		5861.480	60.535	16.978	-7.765	68.300	43.557	PK

Profile: T1U-NEW-2015.11.07	Page No.: 61
Engineer: Scott	
Site: AC5	Time: 2015/11/09 - 17:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 5: Transmit at CH5190Mhz by 802.11AC40	



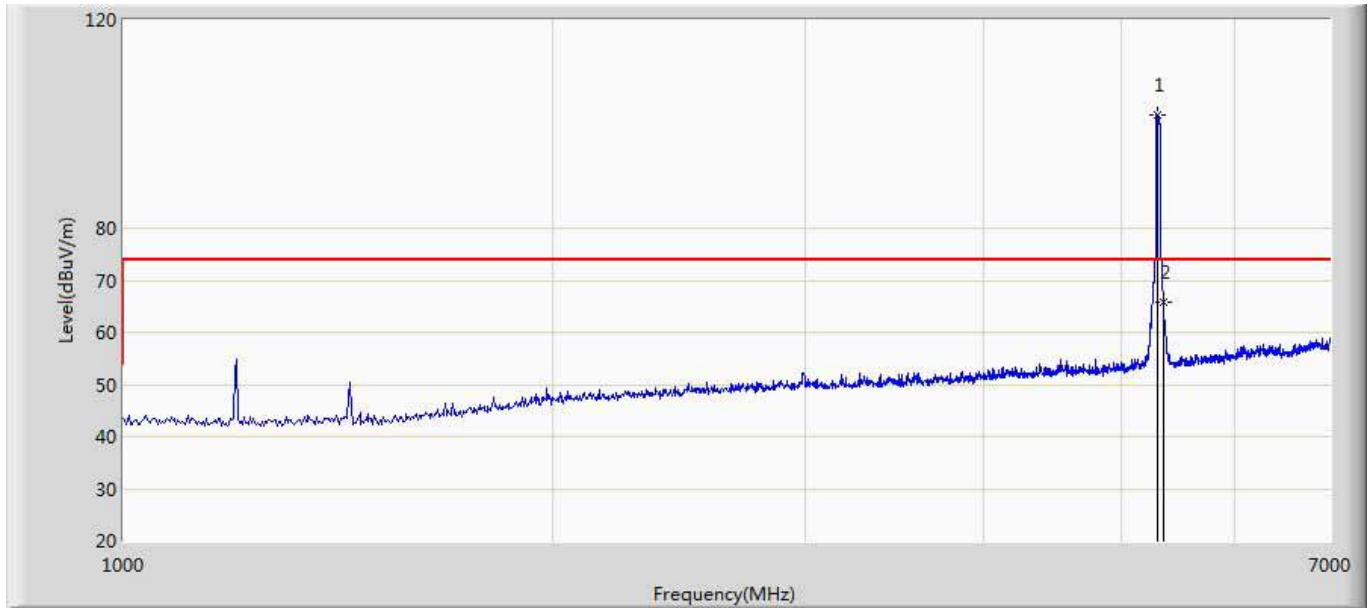
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	65.382	23.367	-8.618	74.000	42.015	PK
2	*	5191.875	98.290	56.208	24.290	74.000	42.082	PK

Profile: T1U-NEW-2015.11.07	Page No.: 62
Engineer: Scott	
Site: AC5	Time: 2015/11/09 - 17:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 5: Transmit at CH5190Mhz by 802.11AC40	



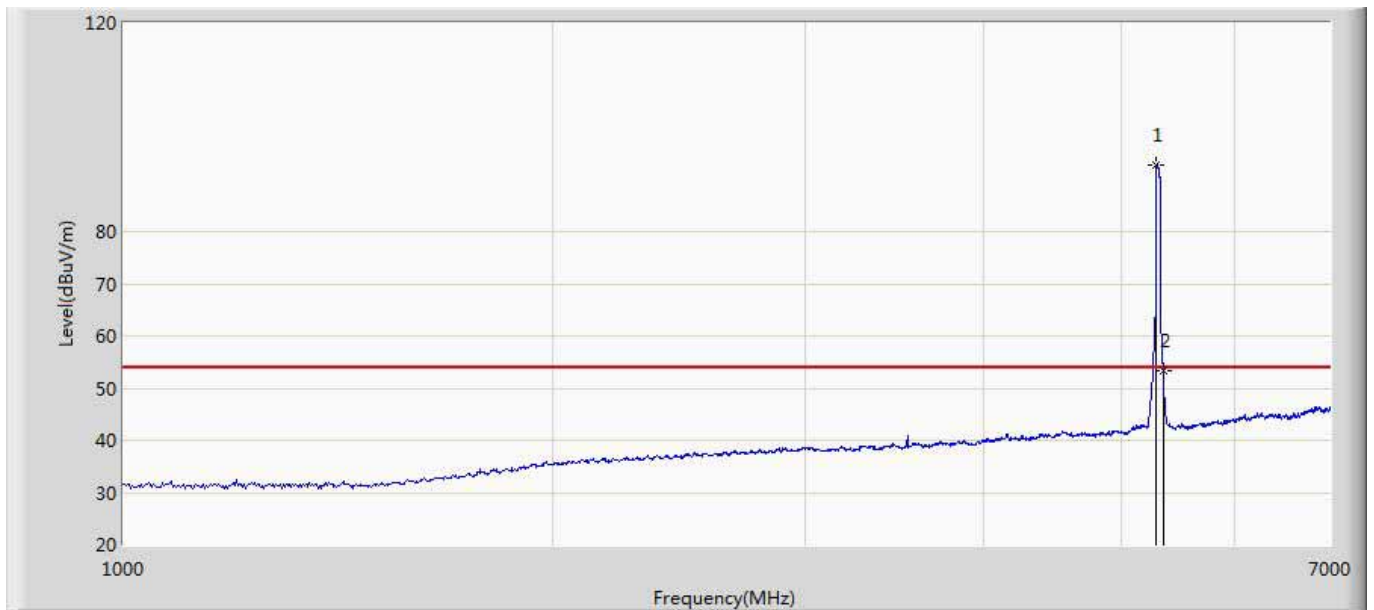
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.726	11.711	-0.274	54.000	42.015	AV
2	*	5191.500	88.918	46.834	34.918	54.000	42.084	AV

Site: AC5	Time: 2015/09/23 - 00:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 5 Transmit at channel 5310Mhz by 802.11ac40	



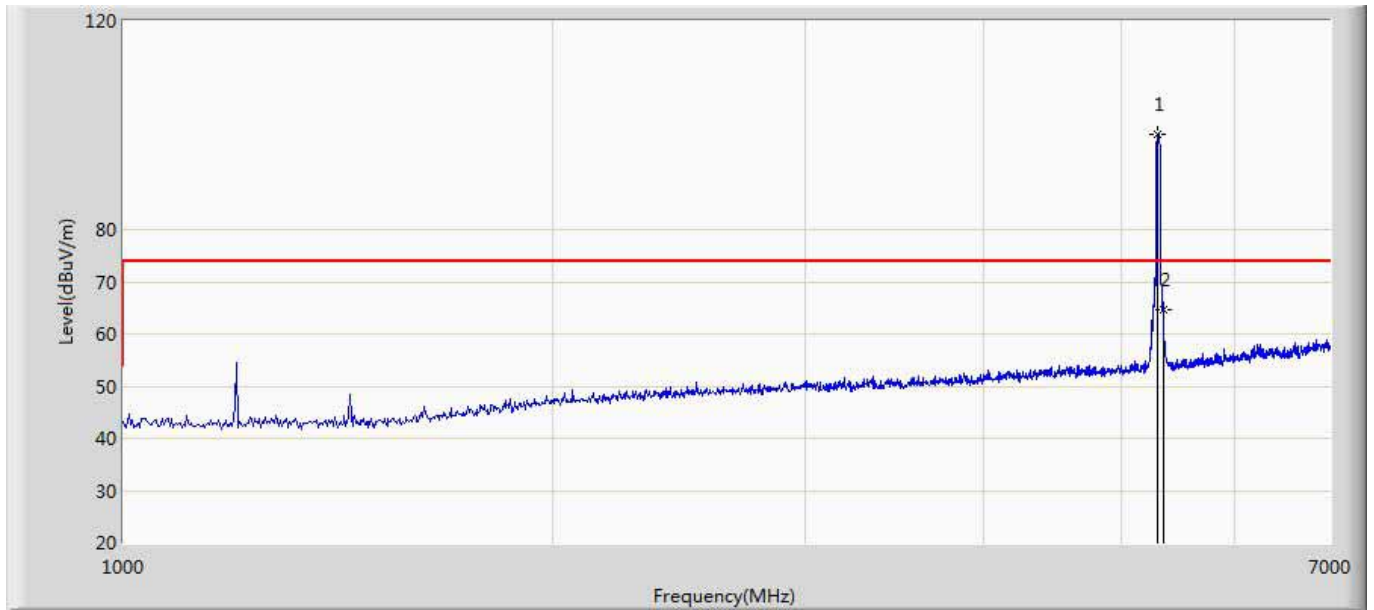
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5305.000	101.818	59.425	27.818	74.000	42.393	PK
2		5350.000	65.797	23.281	-8.203	74.000	42.516	PK

Site: AC5	Time: 2015/09/23 - 00:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 5 Transmit at channel 5310Mhz by 802.11ac40	



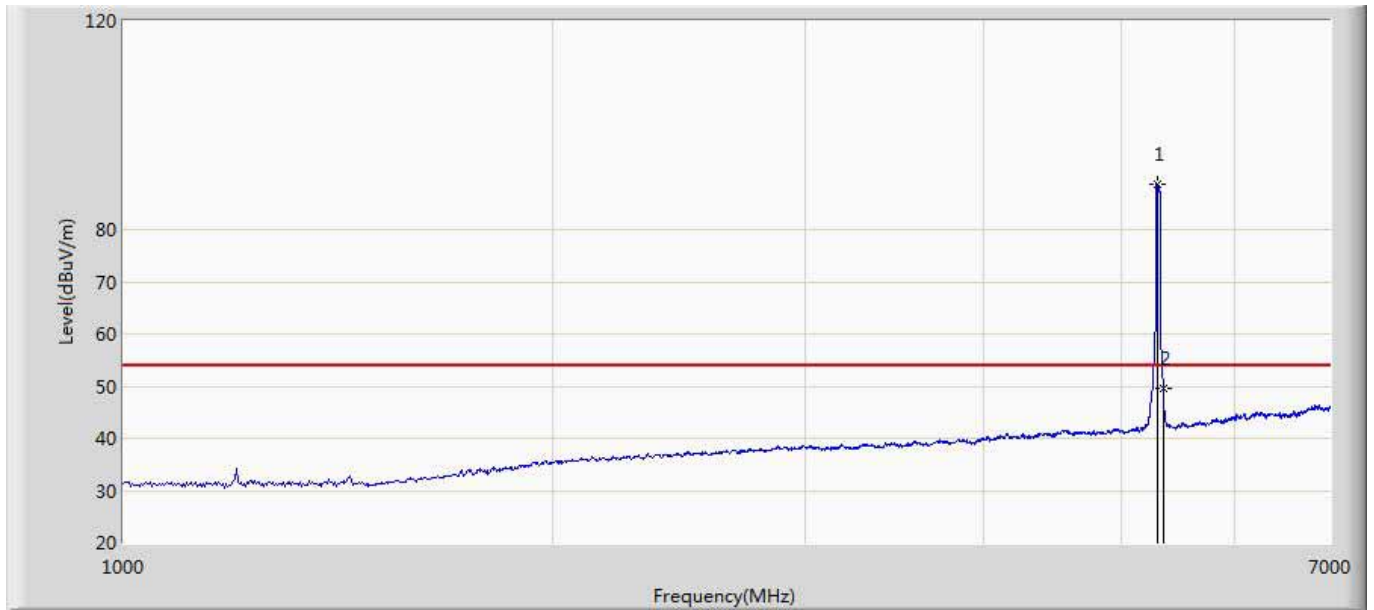
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5293.000	92.834	50.589	38.834	54.000	42.245	AV
2		5350.000	53.371	10.855	-0.629	54.000	42.516	AV

Site: AC5	Time: 2015/09/23 - 00:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 5 Transmit at channel 5310Mhz by 802.11ac40	



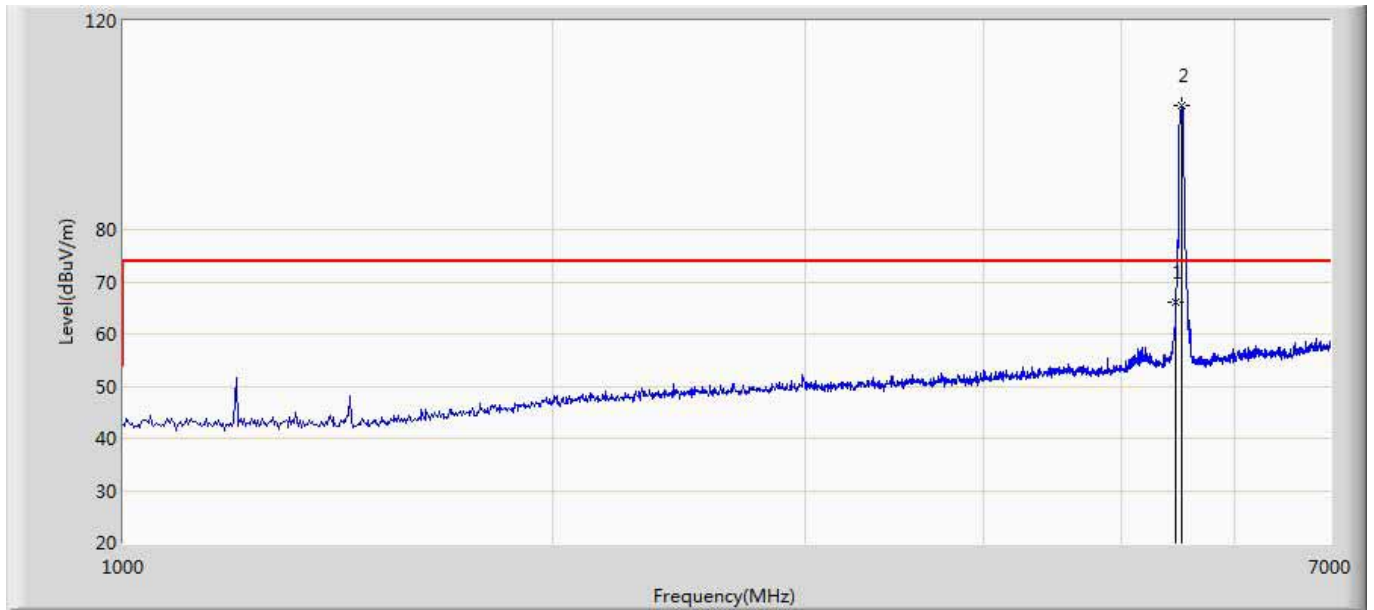
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5299.000	98.349	55.994	24.349	74.000	42.355	PK
2		5350.000	64.530	22.014	-9.470	74.000	42.516	PK

Site: AC5	Time: 2015/09/23 - 00:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 5 Transmit at channel 5310Mhz by 802.11ac40	



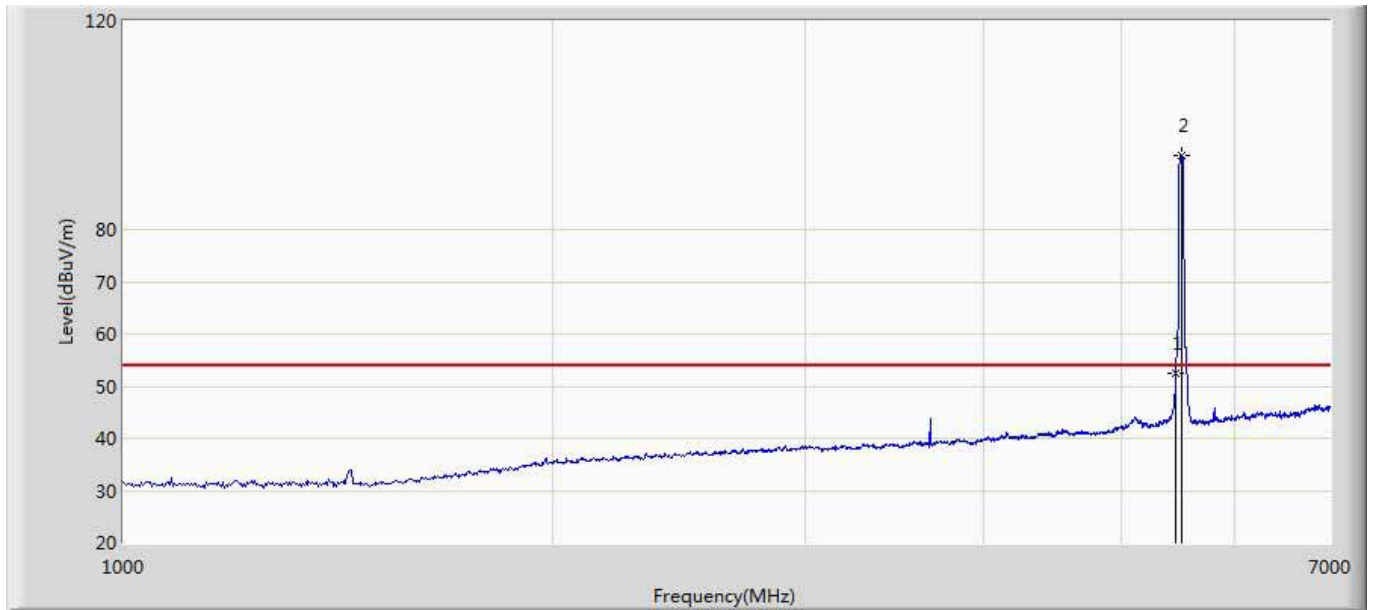
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5299.000	88.816	46.461	34.816	54.000	42.355	AV
2		5350.000	49.582	7.066	-4.418	54.000	42.516	AV

Site: AC5	Time: 2015/09/23 - 00:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 5 Transmit at channel 5510Mhz by 802.11ac40	



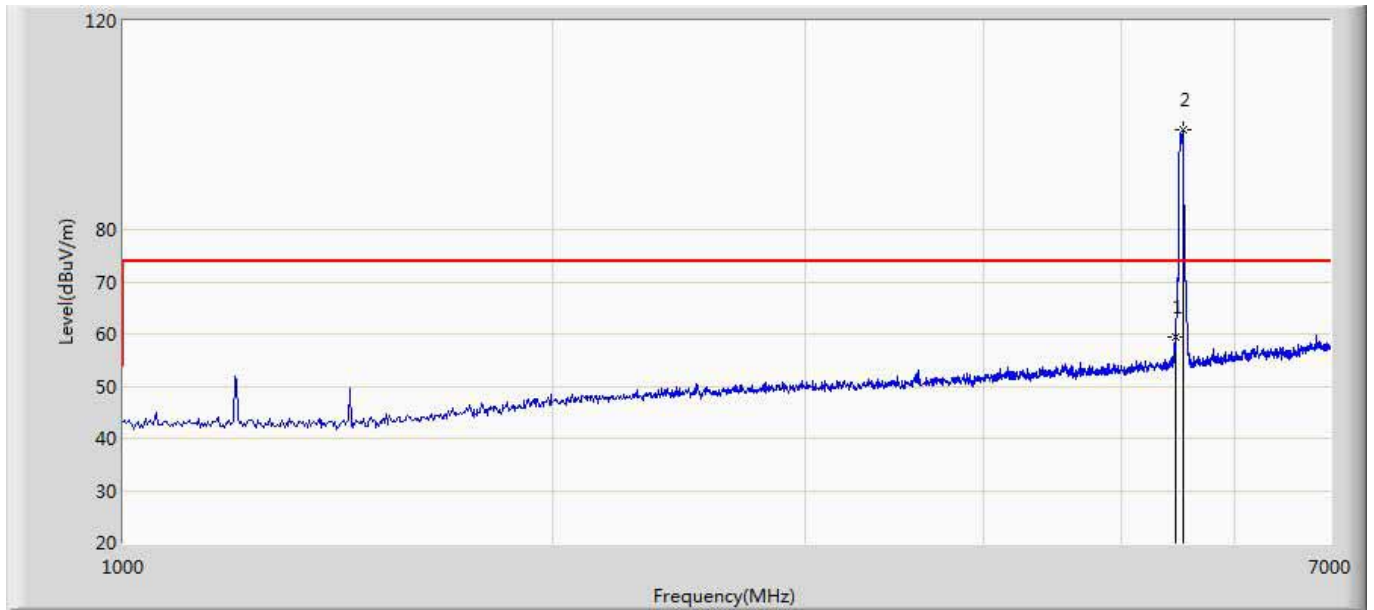
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	65.965	23.308	-8.035	74.000	42.657	PK
2	*	5515.000	103.879	61.112	29.879	74.000	42.767	PK

Site: AC5	Time: 2015/09/23 - 00:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 5 Transmit at channel 5510Mhz by 802.11ac40	



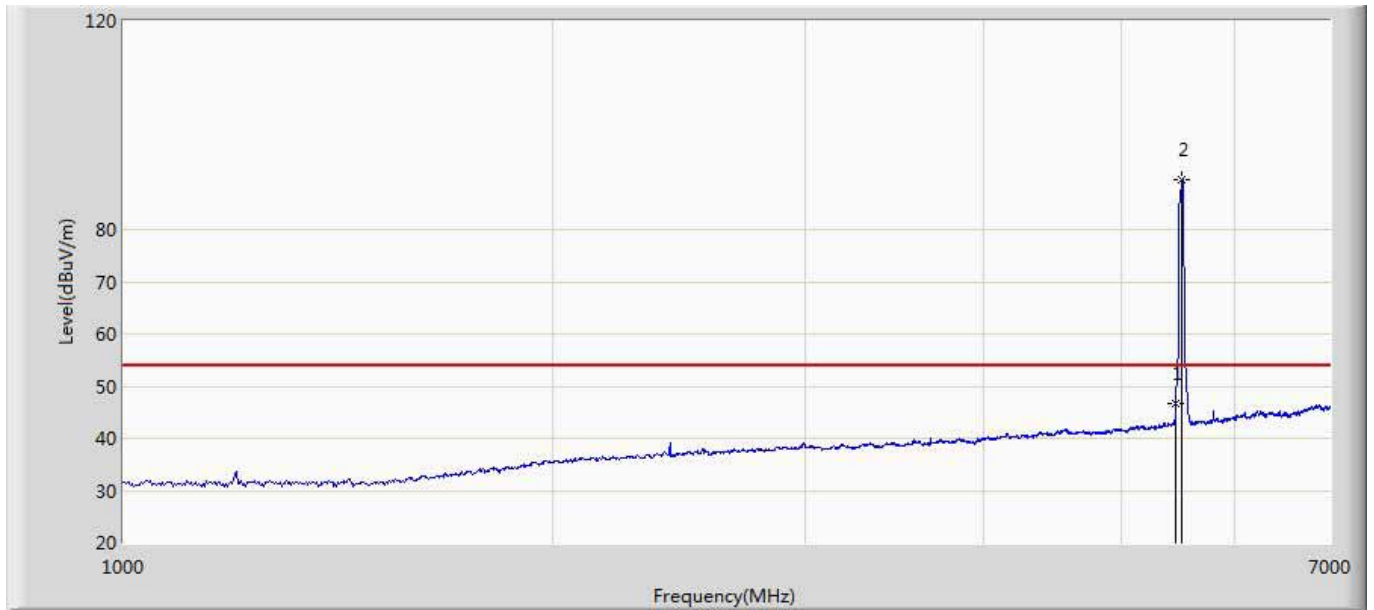
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	52.473	9.816	-1.527	54.000	42.657	AV
2	*	5515.000	94.192	51.425	40.192	54.000	42.767	AV

Site: AC5	Time: 2015/09/23 - 00:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 5 Transmit at channel 5510Mhz by 802.11ac40	



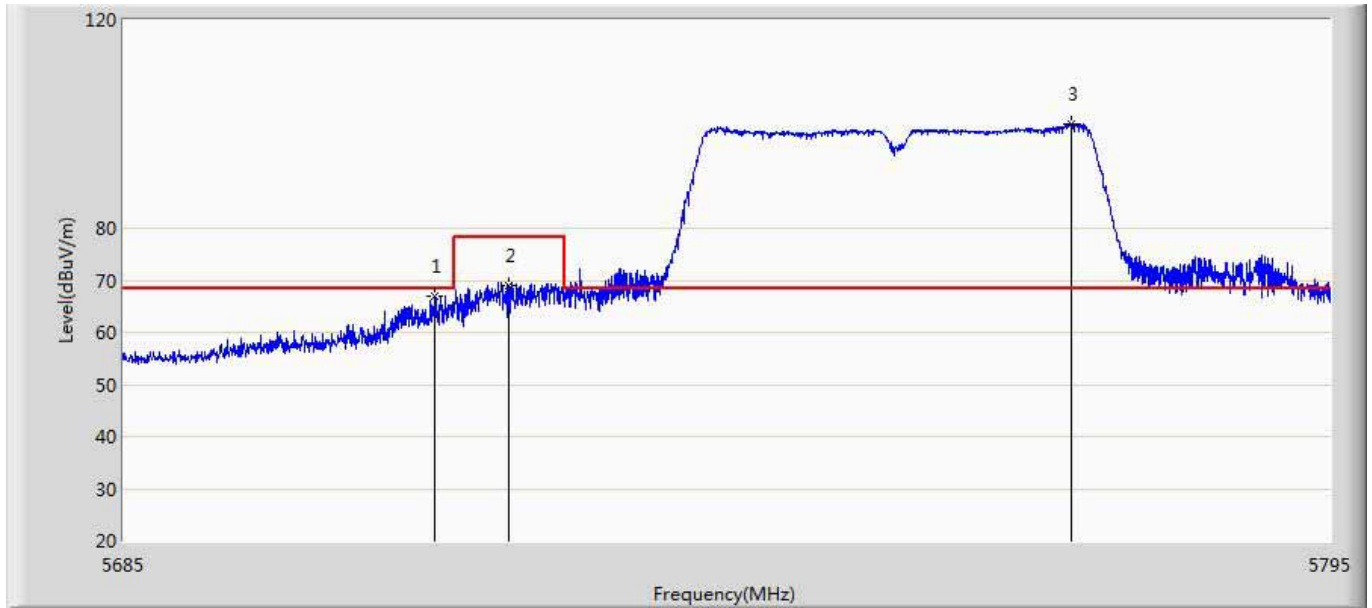
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	59.469	16.812	-14.531	74.000	42.657	PK
2	*	5527.000	98.988	56.102	24.988	74.000	42.886	PK

Site: AC5	Time: 2015/09/23 - 00:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 5 Transmit at channel 5510Mhz by 802.11ac40	



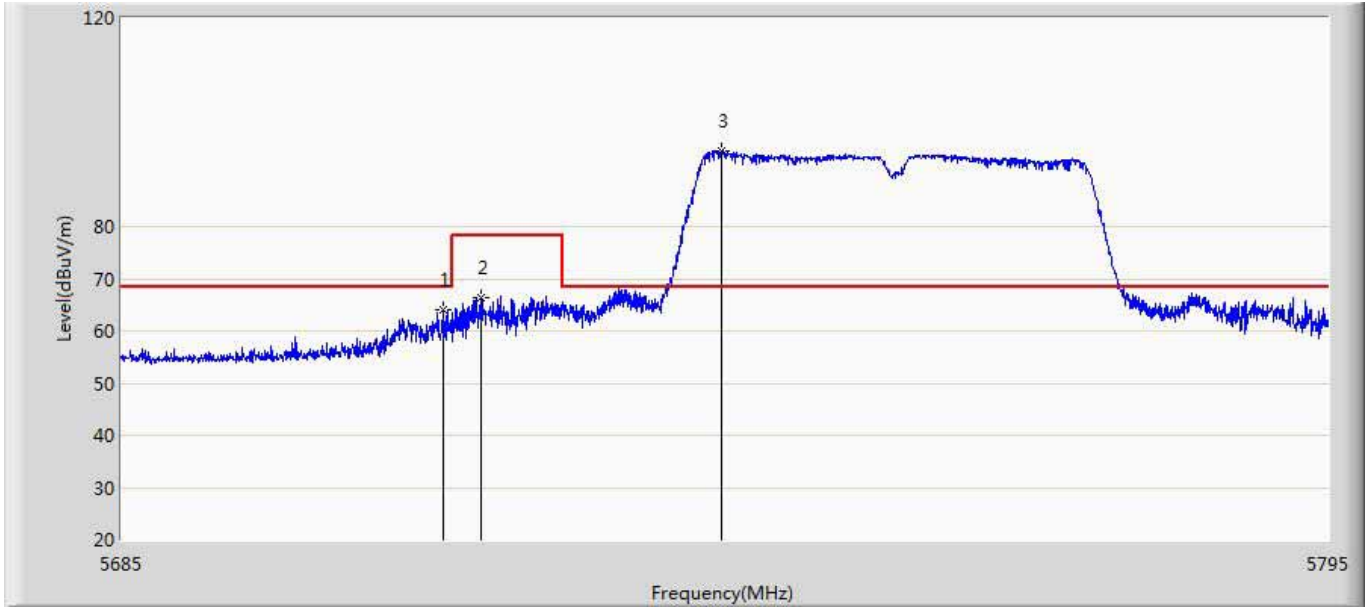
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	46.736	4.079	-7.264	54.000	42.657	AV
2	*	5512.000	89.448	46.733	35.448	54.000	42.715	AV

Site: AC5	Time: 2015/09/23 - 00:56
Limit: FCC-15.407 new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 5 Transmit at channel 5755Mhz by 802.11ac40	



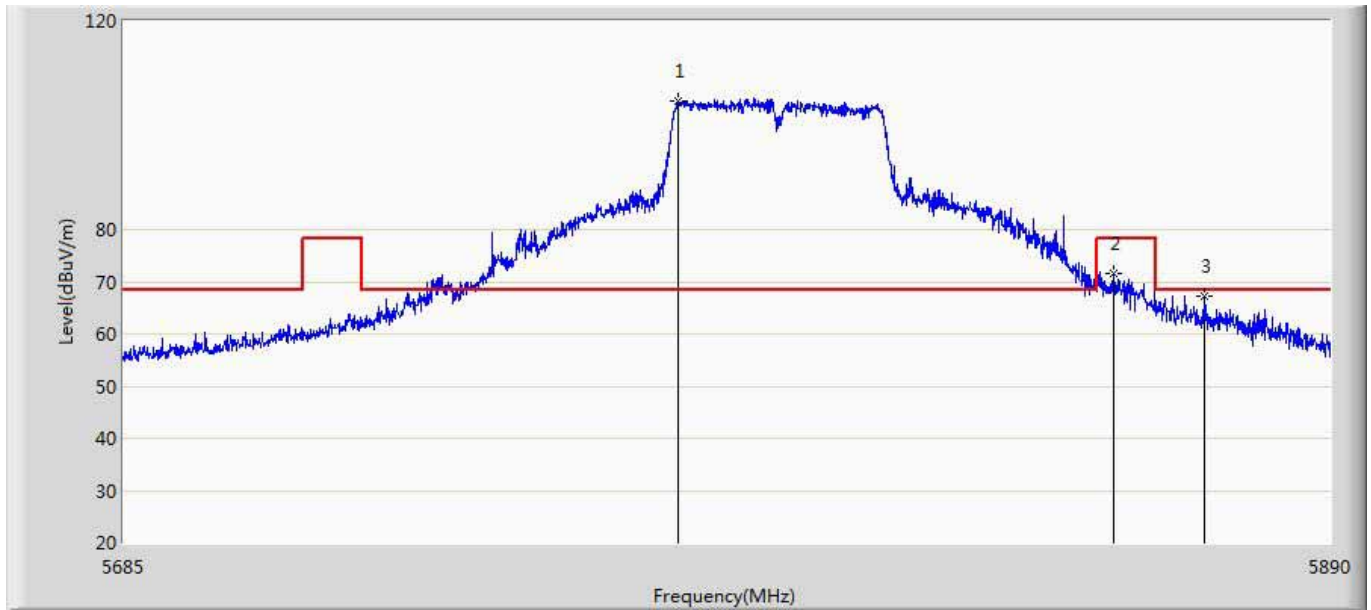
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5713.215	67.078	23.772	-1.222	68.300	43.306	PK
2		5719.980	68.938	25.655	-9.362	78.300	43.283	PK
3	*	5771.295	100.101	56.793	31.801	68.300	43.308	PK

Site: AC5	Time: 2015/09/23 - 00:58
Limit: FCC-15.407 new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 5 Transmit at channel 5755Mhz by 802.11ac40	



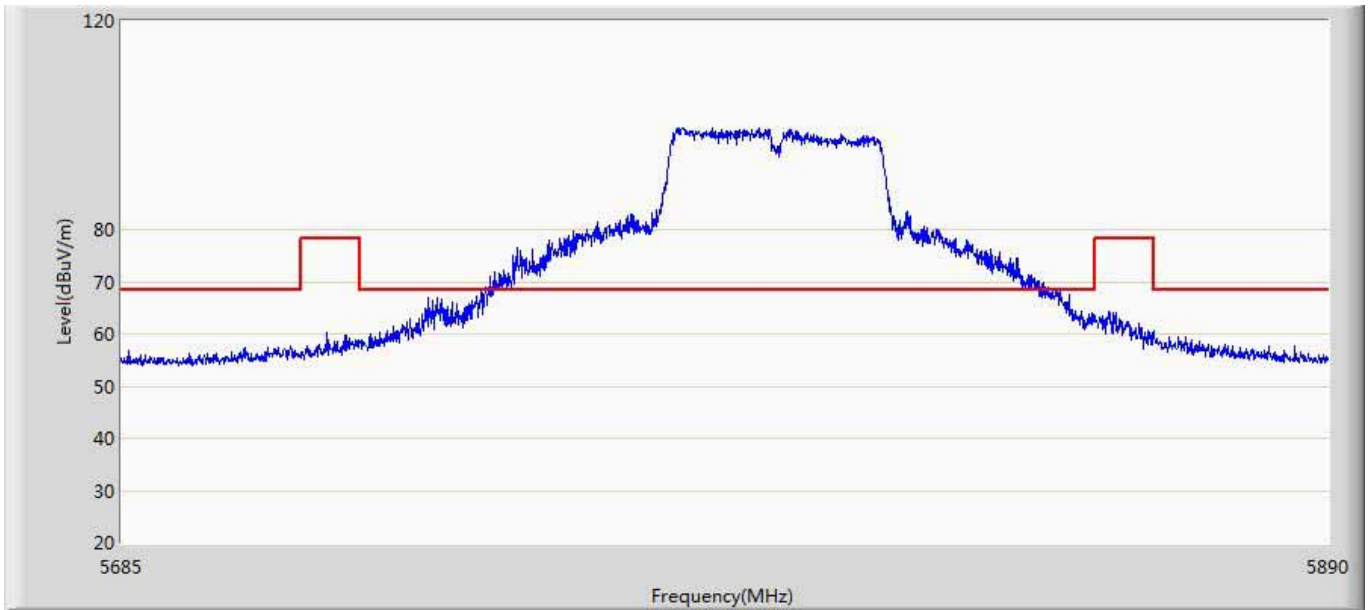
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5714.150	64.036	20.733	-4.264	68.300	43.303	PK
2		5717.560	66.399	23.108	-11.901	78.300	43.292	PK
3	*	5739.450	94.484	51.190	26.184	68.300	43.294	PK

Site: AC5	Time: 2015/09/23 - 01:00
Limit: FCC-15.407 new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 5 Transmit at channel 5795Mhz by 802.11ac40	



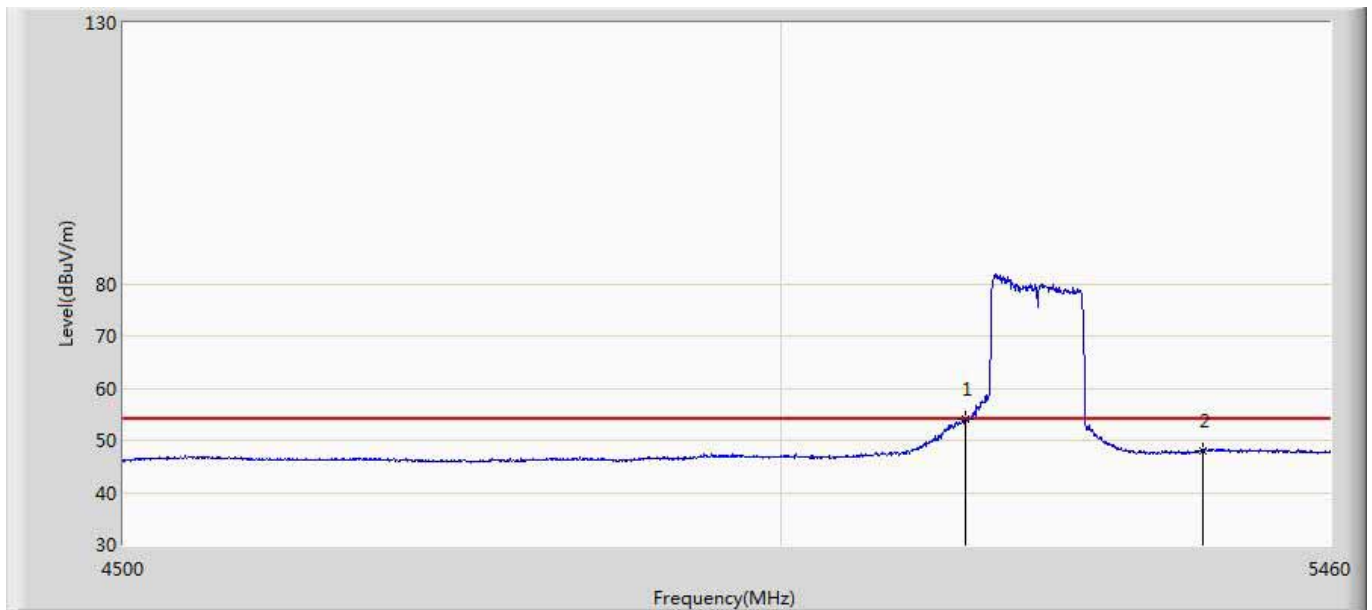
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5778.480	104.702	61.366	36.402	68.300	43.336	PK
2		5852.792	71.704	28.213	-6.596	78.300	43.491	PK
3		5868.373	67.128	23.547	-1.172	68.300	43.581	PK

Site: AC5	Time: 2015/09/23 - 01:08
Limit: FCC-15.407 new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 5 Transmit at channel 5795Mhz by 802.11ac40	



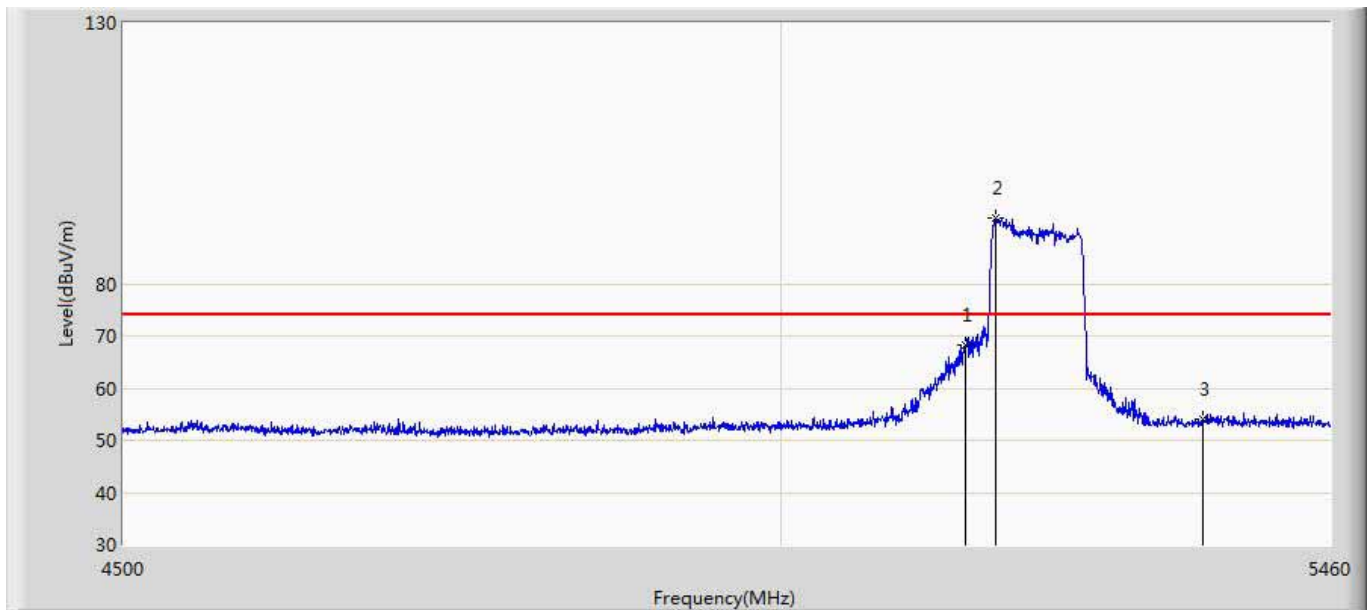
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5778.480	104.702	61.366	36.402	68.300	43.336	PK
2		5852.792	71.704	28.213	-6.596	78.300	43.491	PK
3		5868.373	67.128	23.547	-1.172	68.300	43.581	PK

Profile: T1U-NEW-2015.11.07	Page No.: 65
Engineer: Scott	
Site: AC5	Time: 2015/11/11 - 10:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 6: Transmit at CH5210Mhz by 802.11AC80	



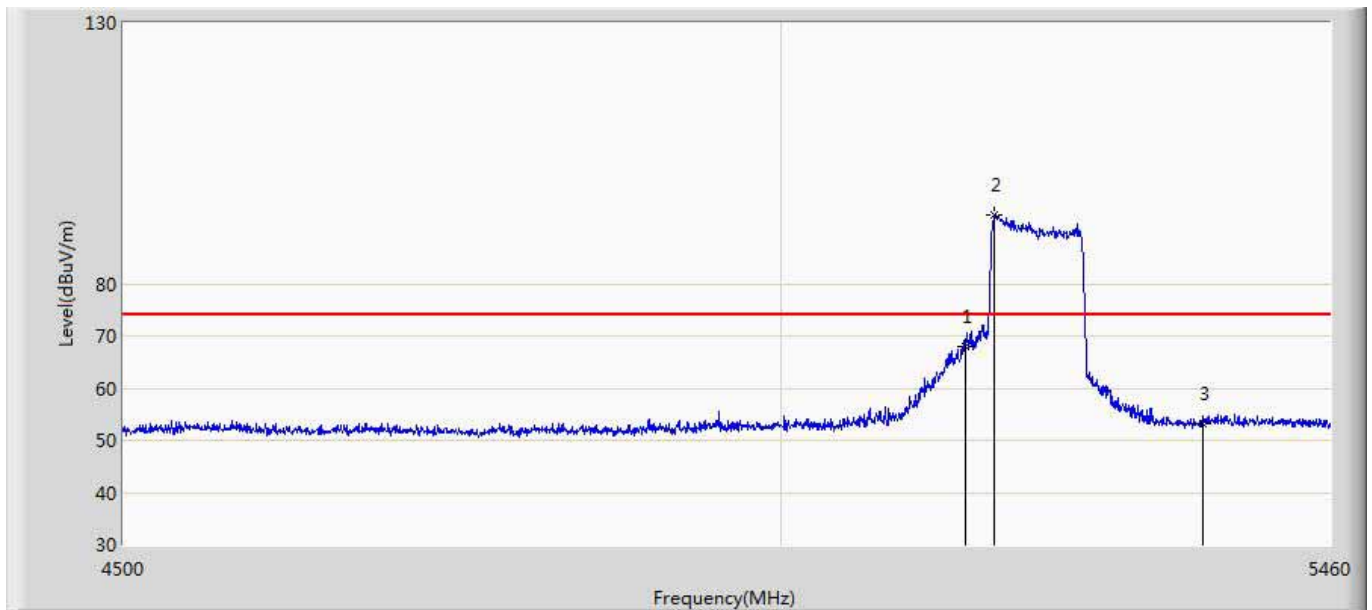
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5150.000	53.991	11.976	-0.009	54.000	42.015	AV
2		5350.000	48.079	5.563	-5.921	54.000	42.516	AV

Profile: T1U-NEW-2015.11.07	Page No.: 66
Engineer: Scott	
Site: AC5	Time: 2015/11/11 - 10:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 6: Transmit at CH5210Mhz by 802.11AC80	



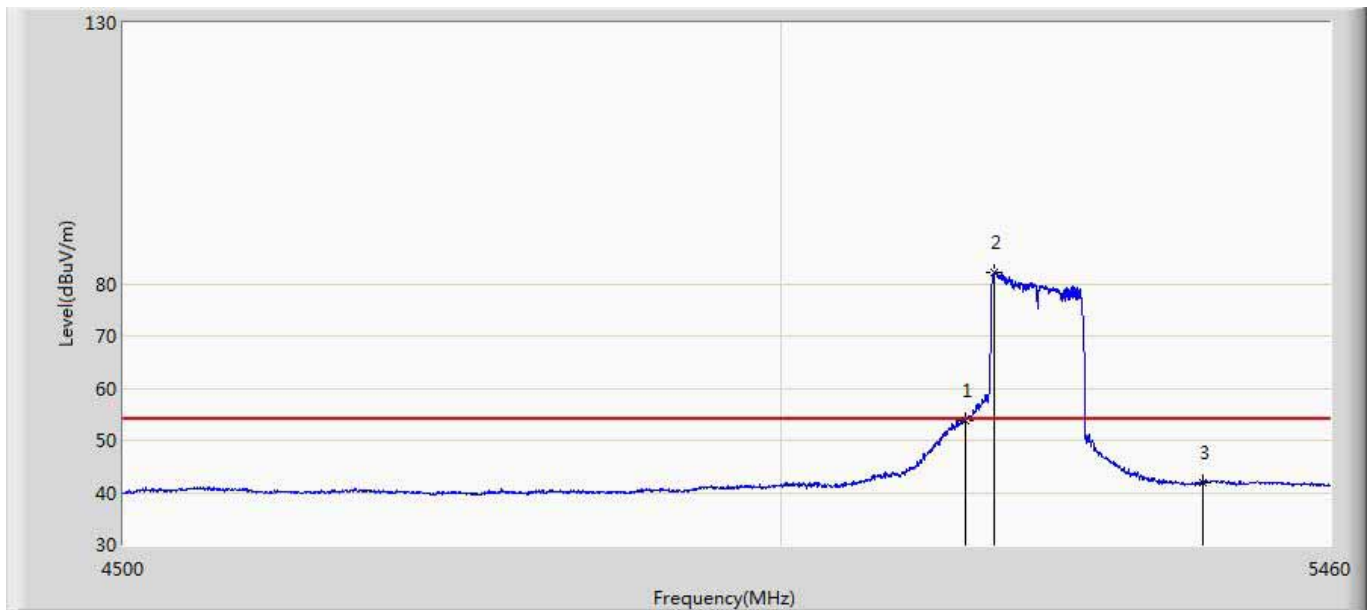
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	68.193	26.178	-5.807	74.000	42.015	PK
2	*	5175.360	92.554	50.409	18.554	74.000	42.145	PK
3		5350.000	54.047	11.531	-19.953	74.000	42.516	PK

Profile: T1U-NEW-2015.11.07	Page No.: 67
Engineer: Scott	
Site: AC5	Time: 2015/11/11 - 10:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 6: Transmit at CH5210Mhz by 802.11AC80	



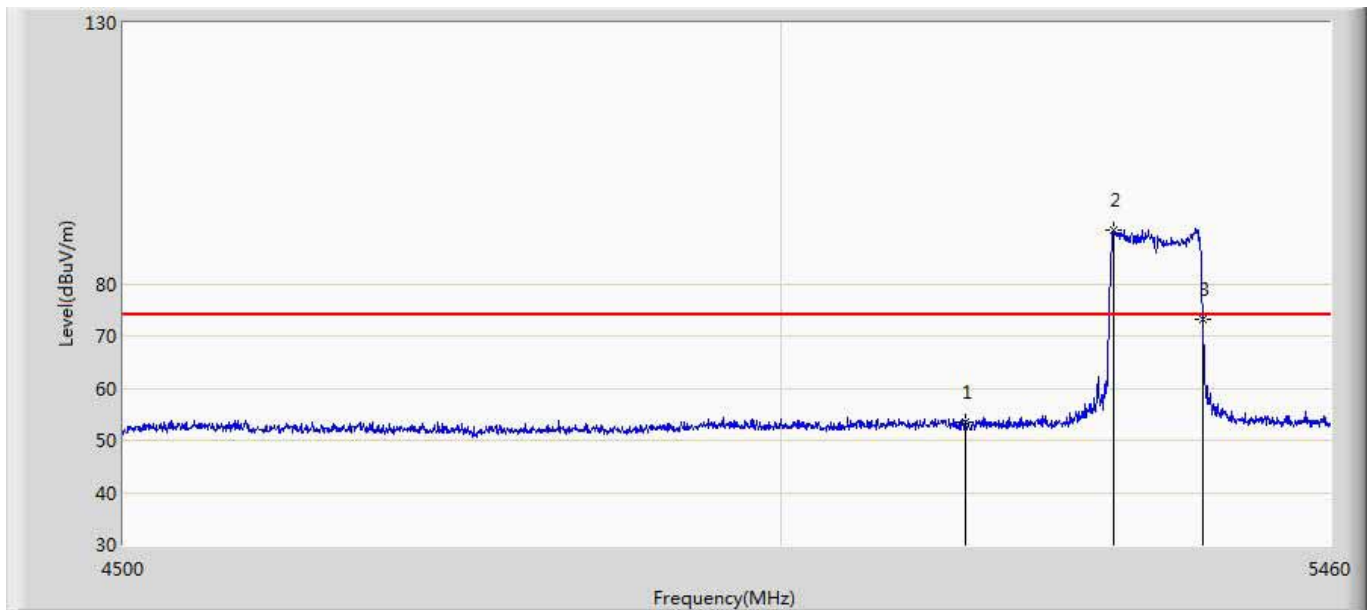
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	68.114	26.099	-5.886	74.000	42.015	PK
2	*	5174.400	93.071	50.926	19.071	74.000	42.145	PK
3		5350.000	53.148	10.632	-20.852	74.000	42.516	PK

Profile: T1U-NEW-2015.11.07	Page No.: 68
Engineer: Scott	
Site: AC5	Time: 2015/11/11 - 10:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 6: Transmit at CH5210Mhz by 802.11AC80	



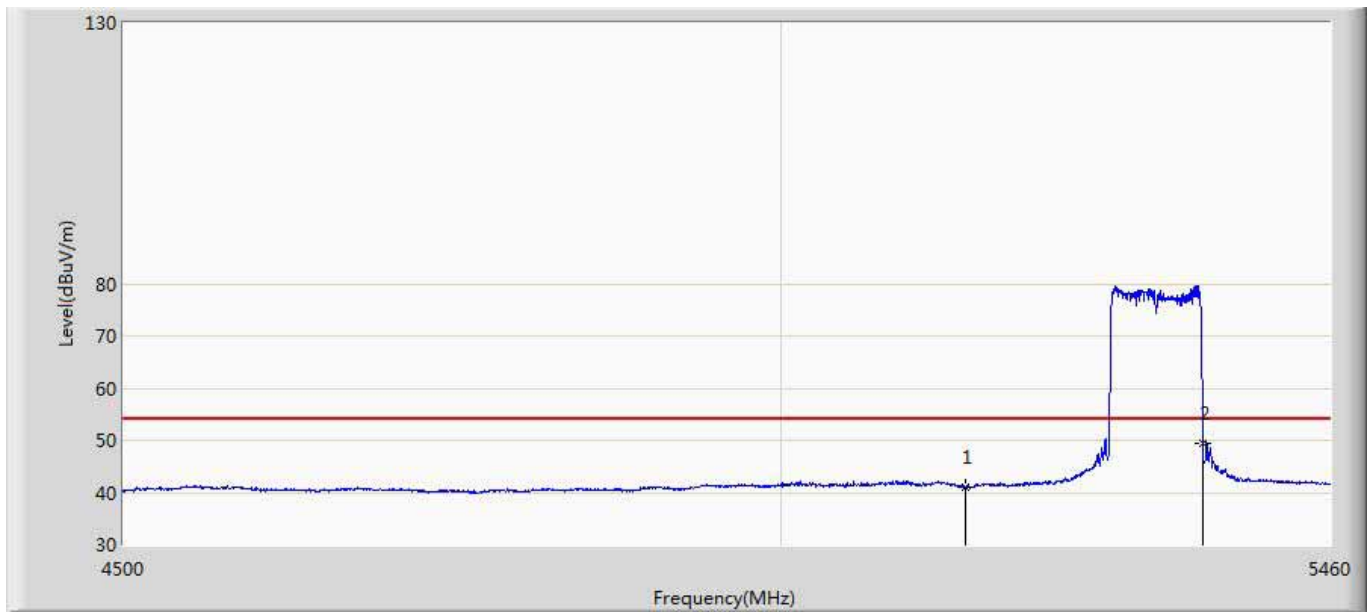
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.734	11.719	-0.266	54.000	42.015	AV
2	*	5173.440	82.238	40.093	28.238	54.000	42.145	AV
3		5350.000	41.999	-0.517	-12.001	54.000	42.516	AV

Profile: T1U-NEW-2015.11.07	Page No.: 69
Engineer: Scott	
Site: AC5	Time: 2015/11/11 - 11:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 6: Transmit at CH5290Mhz by 802.11AC80	



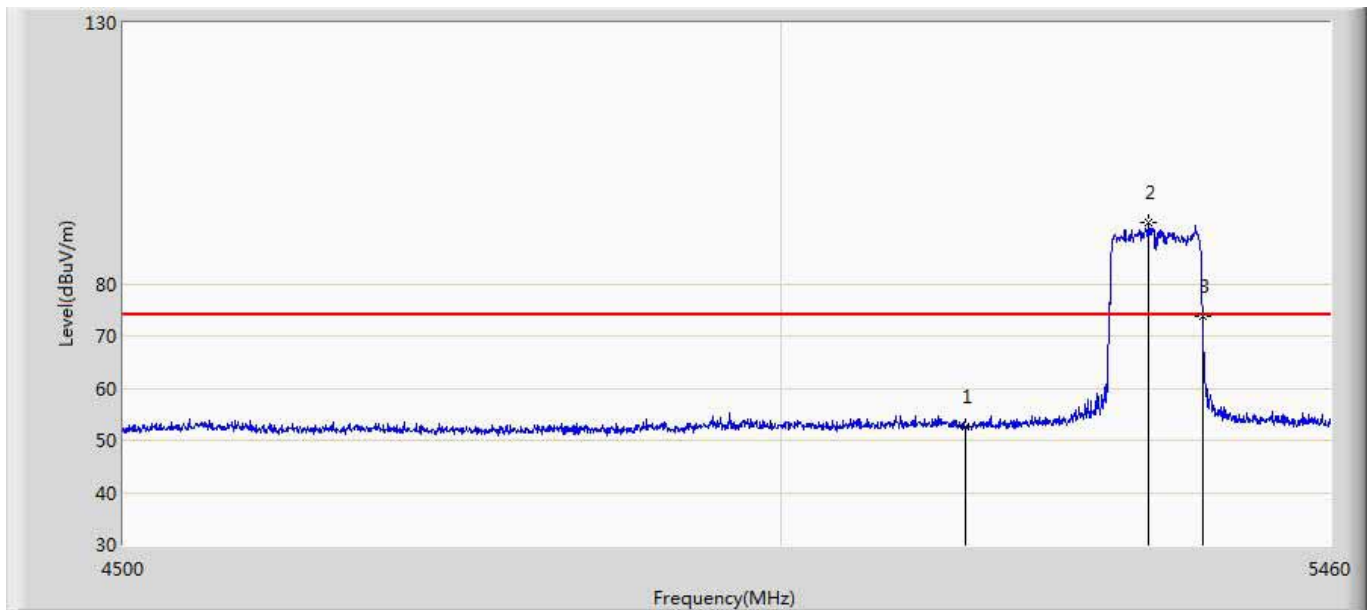
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.489	11.474	-20.511	74.000	42.015	PK
2	*	5274.240	90.410	48.205	16.410	74.000	42.205	PK
3		5350.000	73.294	30.778	-0.706	74.000	42.516	PK

Profile: T1U-NEW-2015.11.07	Page No.: 70
Engineer: Scott	
Site: AC5	Time: 2015/11/11 - 11:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 6: Transmit at CH5290Mhz by 802.11AC80	



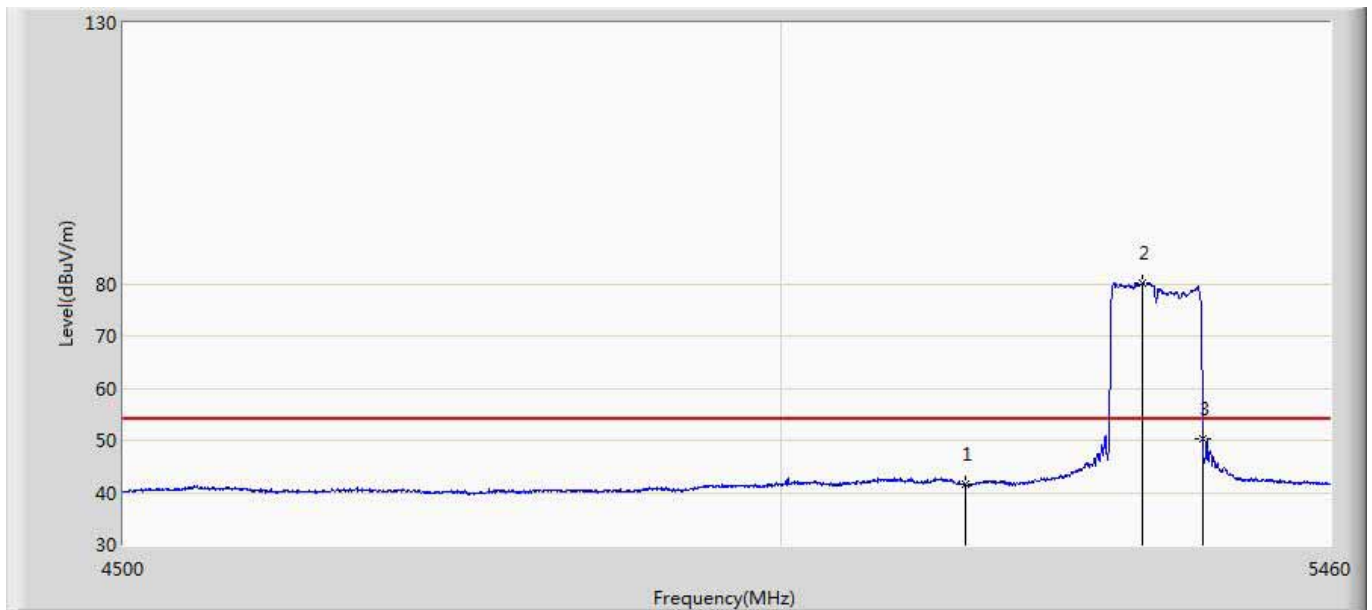
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	41.066	-0.949	-12.934	54.000	42.015	AV
2	*	5350.000	49.331	6.815	-4.669	54.000	42.516	AV

Profile: T1U-NEW-2015.11.07	Page No.: 71
Engineer: Scott	
Site: AC5	Time: 2015/11/11 - 11:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 6: Transmit at CH5290Mhz by 802.11AC80	



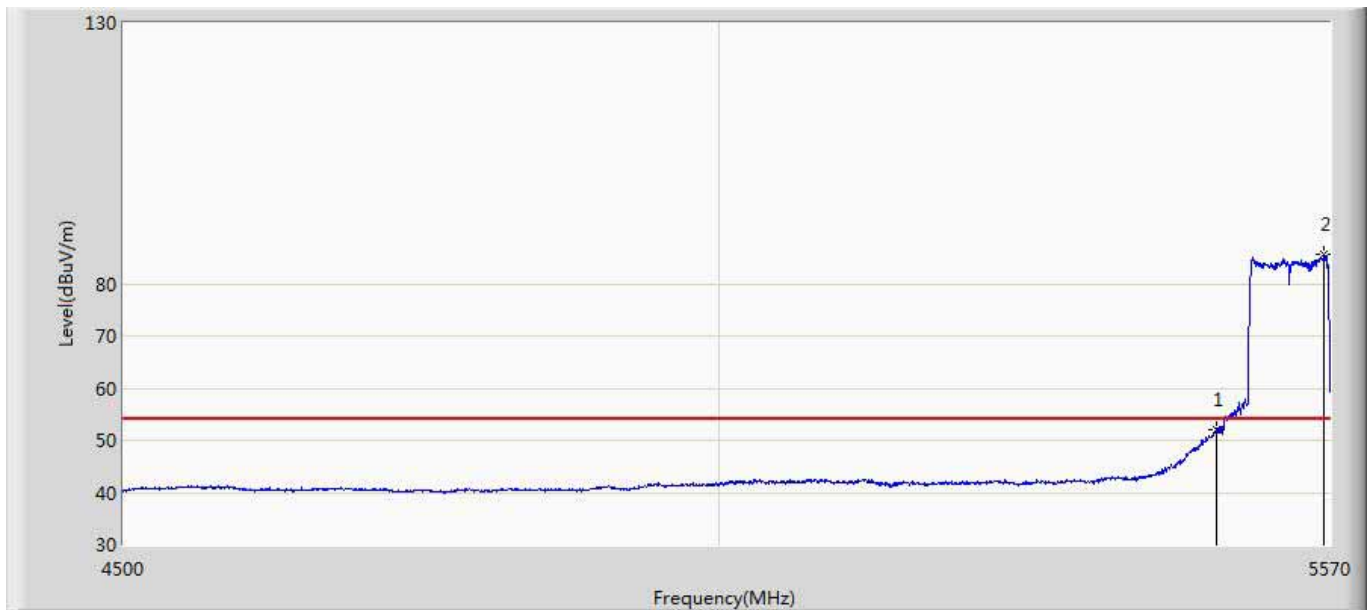
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.581	10.566	-21.419	74.000	42.015	PK
2	*	5303.040	91.872	49.479	17.872	74.000	42.393	PK
3		5350.000	73.661	31.145	-0.339	74.000	42.516	PK

Profile: T1U-NEW-2015.11.07	Page No.: 72
Engineer: Scott	
Site: AC5	Time: 2015/11/11 - 11:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 6: Transmit at CH5290Mhz by 802.11AC80	



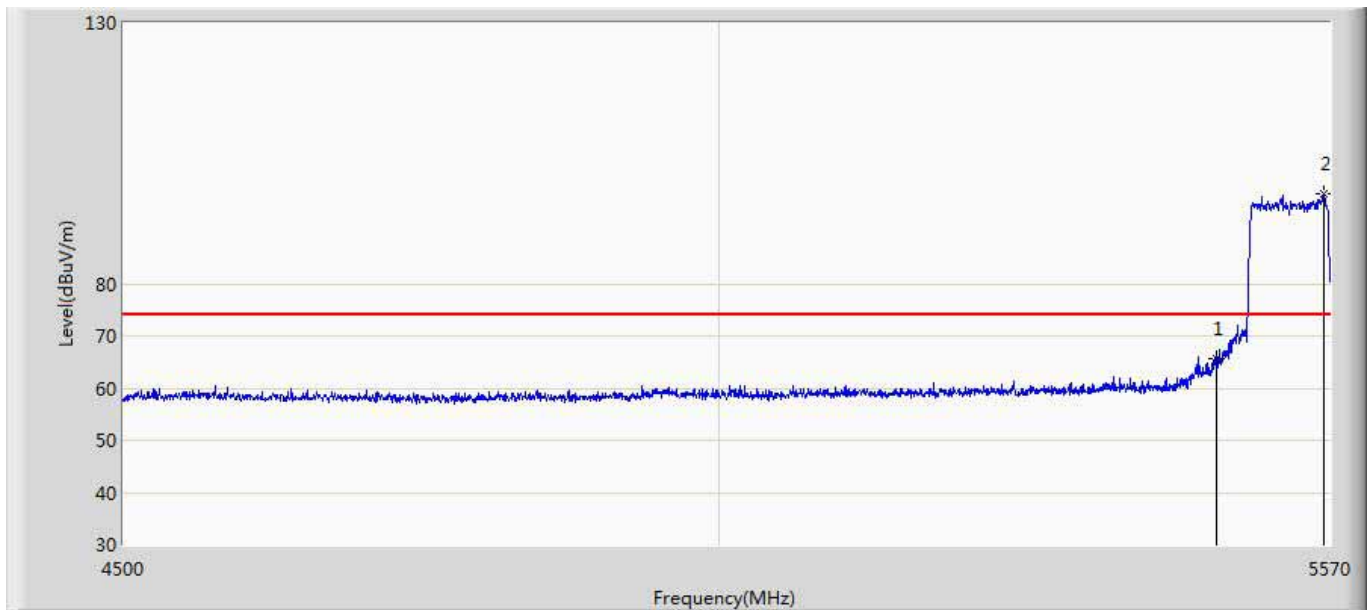
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	41.518	-0.497	-12.482	54.000	42.015	AV
2	*	5297.760	80.278	37.946	26.278	54.000	42.333	AV
3		5350.000	50.208	7.692	-3.792	54.000	42.516	AV

Profile: T1U-NEW-2015.11.07	Page No.: 73
Engineer: Scott	
Site: AC5	Time: 2015/11/11 - 11:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 6: Transmit at CH5530Mhz by 802.11AC80	



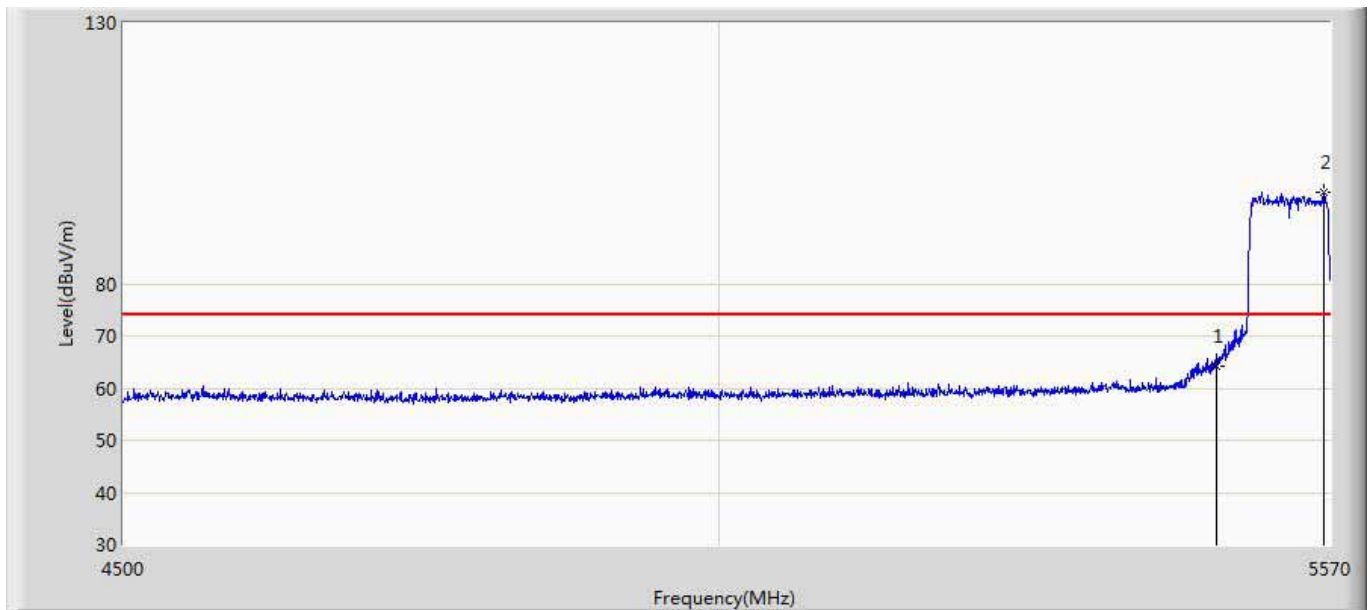
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	52.027	9.370	-1.973	54.000	42.657	AV
2	*	5564.650	85.516	42.746	31.516	54.000	42.770	AV

Profile: T1U-NEW-2015.11.07	Page No.: 74
Engineer: Scott	
Site: AC5	Time: 2015/11/11 - 11:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 6: Transmit at CH5530Mhz by 802.11AC80	



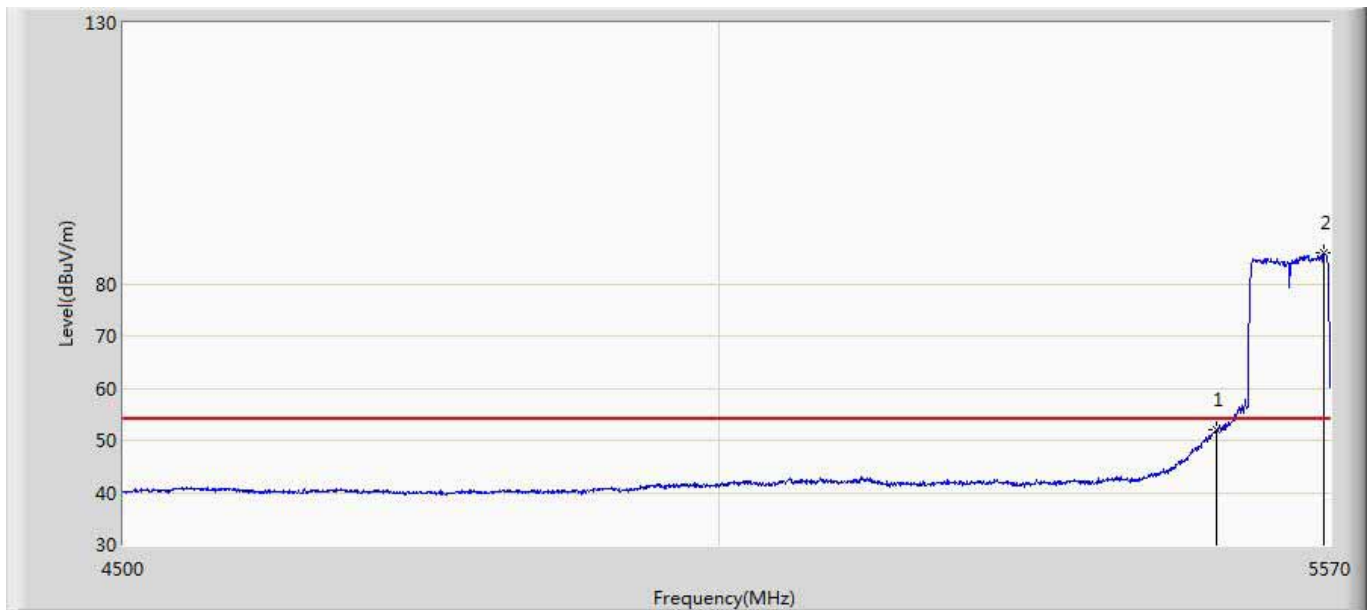
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	65.708	23.051	-8.292	74.000	42.657	PK
2	*	5563.580	97.245	54.488	23.245	74.000	42.757	PK

Profile: T1U-NEW-2015.11.07	Page No.: 75
Engineer: Scott	
Site: AC5	Time: 2015/11/11 - 11:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 6: Transmit at CH5530Mhz by 802.11AC80	



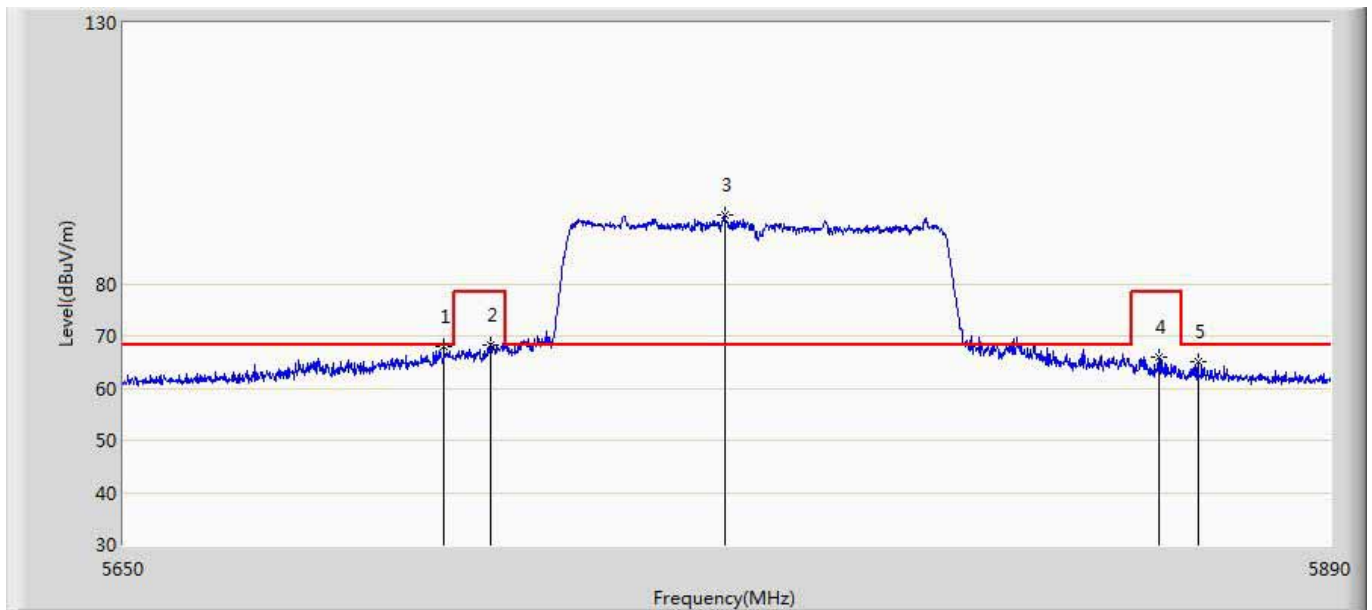
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	64.325	21.668	-9.675	74.000	42.657	PK
2	*	5563.580	97.563	54.806	23.563	74.000	42.757	PK

Profile: T1U-NEW-2015.11.07	Page No.: 76
Engineer: Scott	
Site: AC5	Time: 2015/11/11 - 11:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 6: Transmit at CH5530Mhz by 802.11AC80	



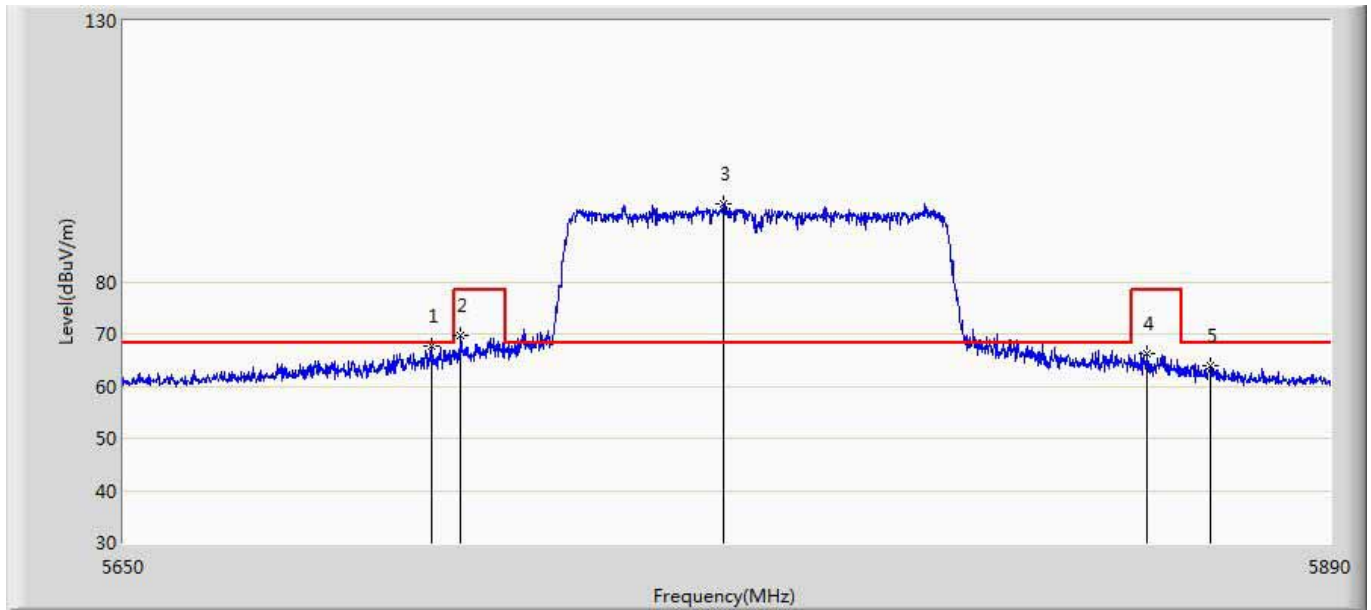
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	51.909	9.252	-2.091	54.000	42.657	AV
2	*	5564.650	85.874	43.104	31.874	54.000	42.770	AV

Profile: T1U-NEW-2015.11.07	Page No.: 77
Engineer: Scott	
Site: AC5	Time: 2015/11/11 - 11:56
Limit: FCC-15.407 new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 6: Transmit at CH5775Mhz by 802.11AC80	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5712.880	67.968	24.661	-0.332	68.300	43.307	PK
2		5721.880	68.395	25.118	-9.905	78.300	43.276	PK
3	*	5768.320	93.220	49.929	24.920	68.300	43.291	PK
4		5855.320	65.831	22.321	-12.469	78.300	43.510	PK
5		5863.240	65.025	21.460	-3.275	68.300	43.565	PK

Profile: T1U-NEW-2015.11.07	Page No.: 78
Engineer: Scott	
Site: AC5	Time: 2015/11/11 - 13:06
Limit: FCC-15.407 new	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: AC450 微型 USB 無線網路卡	Power: 120V/60Hz
Note: Mode 6: Transmit at CH5775Mhz by 802.11AC80	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5710.480	67.752	24.437	-0.548	68.300	43.315	PK
2		5716.120	69.786	26.490	-8.514	78.300	43.297	PK
3	*	5768.200	94.945	51.655	26.645	68.300	43.290	PK
4		5852.920	66.190	22.698	-12.110	78.300	43.491	PK
5		5865.880	64.022	20.449	-4.278	68.300	43.573	PK

10. Frequency Stability

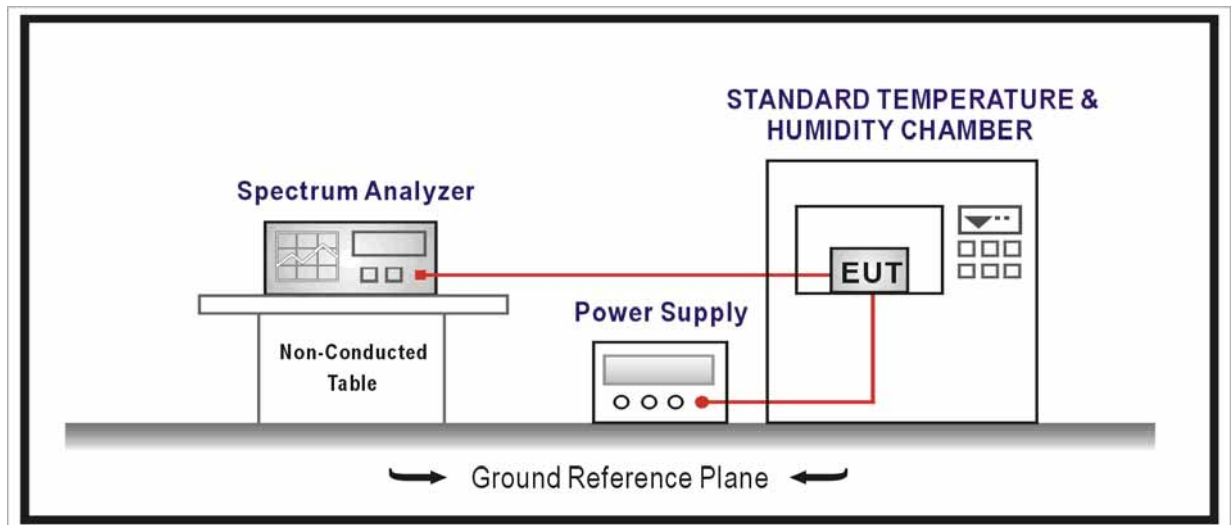
10.1. Test Equipment

Frequency Stability / TR-8

Instrument	Manufacturer	Type No.	Serial No.	Cal. Due Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2017.01.04
AC Power Supply	IDRC	CF-500TP	979422	2016.09.16
DC Power Supply	IDRC	CD-035-020PR	977272	2016.09.16
Programmable Temperature & Humidity Chamber	Gaoyu	TH-1P-B	WIT-05121302	2017.01.04
Temperature/Humidity Meter	zhicheng	ZC1-2	TR8-TH	2016.04.09

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

For FCC

Manufactures of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

10.4. Test Procedure

Frequency Stability Under Temperature Variations:

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to highest. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C decreased per stage until the lowest temperature reached.

Frequency Stability Under Voltage Variations:

Set chamber temperature to 20°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation ($\pm 15\%$) and endpoint, record the maximum frequency change.

10.5. Uncertainty

The measurement uncertainty is defined as ± 100 Hz

10.6. Test Result

Product	:	AC450 Wireless Nano USB Adapter
Test Item	:	Frequency Stability
Test Site	:	TR-8
Test Mode	:	Carrier Transmit

Frequency Stability under Temperature

Temperature Interval (°C)	Test Frequency (MHz)	Deviation (Hz)
-30	5200.000	189
-20	5200.000	-199
-10	5200.000	-143
0	5200.000	236
10	5200.000	-126
20	5200.000	-95
30	5200.000	128
40	5200.000	111
50	5200.000	-125

Frequency Stability under Voltage

AC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)
102	5200.000	156
120	5200.000	115
138	5200.000	119

Frequency Stability under Temperature

Temperature Interval (°C)	Test Frequency (MHz)	Deviation (Hz)
-30	5280.000	156
-20	5280.000	188
-10	5280.000	175
0	5280.000	236
10	5280.000	-126
20	5280.000	-196
30	5280.000	129
40	5280.000	110
50	5280.000	-125

Frequency Stability under Voltage

AC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)
102	5280.000	-166
120	5280.000	138
138	5280.000	188

Frequency Stability under Temperature

Temperature Interval (°C)	Test Frequency (MHz)	Deviation (Hz)
-30	5580.000	-117
-20	5580.000	138
-10	5580.000	-168
0	5580.000	128
10	5580.000	-103
20	5580.000	-127
30	5580.000	188
40	5580.000	102
50	5580.000	-157

Frequency Stability under Voltage

AC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)
102	5580.000	-161
120	5580.000	190
138	5580.000	247

Frequency Stability under Temperature

Temperature Interval (°C)	Test Frequency (MHz)	Deviation (Hz)
-30	5805.000	120
-20	5805.000	188
-10	5805.000	-172
0	5805.000	-103
10	5805.000	-157
20	5805.000	102
30	5805.000	110
40	5805.000	119
50	5805.000	-171

Frequency Stability under Voltage

AC Voltage (V)	Test Frequency (MHz)	Deviation (Hz)
102	5805.000	189
120	5805.000	-102
138	5805.000	193

— The End —