FCC&IC Radio Test Report

FCC ID: MCLCS-E340W

IC: 2878D-CSE340W

This report concerns (check one): ■ **Original Grant** □ **Class II Change**

Issued Date	:	Sep. 12, 2013
Project No.	:	1308C100
Equipment	:	Cisco Edge 340
Model Name	:	CS-E340W
Applicant	:	HON HAI Precision Ind. Co., Ltd.
Address	:	5F-1, 5, Hsin-An Road, Hsinchu Science-Based Industrial Park, Hsinchu, Taiwan

Tested by: Neutron Engineering Inc. EMC Laboratory
Date of Receipt: Aug. 12, 2013
Date of Test: Aug. 12, 2013 ~ Sep. 11, 2013

Neutron Engineering Inc.
No.3,Jinshagang 1st Road, ShiXia,
Dalang Town, Dong Guan, China.
TEL: 0769-8318-3000
FAX: 0769-8319-6000

Declaration

Neutron represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with the standards traceable to National Measurement Laboratory (**NML**) of **CHINA**, or National Institute of Standards and Technology (**NIST**) of **U.S.A.**

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Neutron's laboratory quality assurance procedures are in compliance with the **ISO Guide 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

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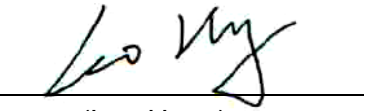
1. CERTIFICATION

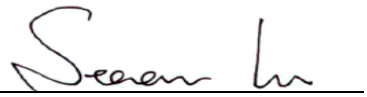
Equipment	:	Cisco Edge 340
Brand Name	:	Cisco
Model Name	:	CS-E340W
Applicant	:	HON HAI Precision Ind. Co., Ltd.
Manufacturer	:	Hon Hai Precision Ind Co., Ltd
Address	:	Hsinchu Science Park Branch Office 5F-1 5, Hsin-an Rd Hsinchu Science Based Industrial Park Hsinchu, Taiwan
Factory	:	HONG FU JIN PRECISION INDUSTRY (SHEN ZHEN) CO LTD
Address	:	Bldg D10, F21, No 2, 2 nd DONGGUAN RD, 10 th YOUSONG INDUSTRIAL DISTRICT, LONGHUA TOWN,BAOAN, SHENZHEN, GUANGDONG, CHINA.
Date of Test	:	Aug. 12, 2013 ~ Sep. 11, 2013
Test Item	:	ENGINEERING SAMPLE
Standard(s)	:	FCC Part15, Subpart C(15.247) / ANSI C63.4-2009 Canada RSS-210:2010 RSS-GEN Issue 3, Dec 2010

The above equipment has been tested and found compliance with the requirement of the relative standards by Neutron Engineering Inc. EMC Laboratory.
This test report consists of 252 pages in total.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. NEI-FICP-5-1308C100) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

Test result included in this report is only for the 5745~5825MHz part of the product.

Testing Engineer : 
(David Mao)

Technical Manager : 
(Leo Hung)

Authorized Signatory : 
(Steven Lu)

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

Applied Standard(s): FCC Part15 (15.247) , Subpart C Canada RSS-210:2010; RSS-GEN Issue 3, Dec 2010				
Standard(s) Section		Test Item	Judgment	Remark
15.207	RSS-GEN 7.2.2	Conducted Emission	PASS	
15.247(d)	RSS-210 Annex 8 (A8.5)	Antenna conducted Spurious Emission	PASS	
15.247(a)(2)	RSS-210 Annex 8 (A8.2(a))	6dB Bandwidth	PASS	
15.247(b)(3)	RSS-210 Annex 8 (A8.4(4))	Peak Output Power	PASS	
15.247(e)	RSS-210 Annex 8 (A8.2(b))	Power Spectral Density	PASS	
15.203	-	Antenna Requirement	PASS	
15.209/15.205	RSS-210 Annex 8 (A8.5)	Transmitter Radiated Emissions	PASS	

NOTE:

(1)" N/A" denotes test is not applicable in this test report.

(2) The test follows FCC KDB Publication No. 558074 D01 DTS Meas Guidance v03r01 (Measurement Guidelines of DTS)

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is **DG-C02/DG-CB03** at the location of No.3,Jinshagang 1st Road, ShiXia, Dalang Town, Dong Guan, China.523792
Neutron's test firm number for FCC: 319330
Neutron's test firm number for IC: 4428B-1

2.2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

The reported uncertainty of measurement y ± U，where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2，providing a level of confidence of approximately 95 %。

A. Conducted Measurement :

Test Site	Method	Measurement Frequency ange	U，(dB)	NOTE
DG-C02	CISPR	150 KHz ~ 30MHz	1.94	

B. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	Ant. H / V	U，(dB)	NOTE
DG-CB03	CISPR	9KHz~30MHz	V	3.79	
		9KHz~30MHz	H	3.57	
		30MHz ~ 200MHz	V	3.82	
		30MHz ~ 200MHz	H	3.60	
		200MHz ~ 1,000MHz	V	3.86	
		200MHz ~ 1,000MHz	H	3.94	
		1GHz~18GHz	V	3.12	
		1GHz~18GHz	H	3.68	
		18GHz~40GHz	V	4.15	
		18GHz~40GHz	H	4.14	

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

<table>
<tr><td>Equipment</td><td>Cisco Edge 340</td></tr>
<tr><td>Brand Name</td><td>Cisco</td></tr>
<tr><td>Model Name</td><td>CS-E340W</td></tr>
<tr><td>Model Different</td><td>N/A</td></tr>
<tr><td>Product Description</td><td>
<table>
<tr><td>Operation Frequency</td><td>5745~5825 MHz</td></tr>
<tr><td>Modulation Technology</td><td>802.11a/n:OFDM</td></tr>
<tr><td>Bit Rate of Transmitter</td><td>300Mbps</td></tr>
<tr><td>Number of Channel</td><td>5 CH, Please see note 2.(Page 9)</td></tr>
<tr><td>Antenna Designation</td><td rowspan="2">Please see note 3.(Page 9)</td></tr>
<tr><td>Antenna Gain(Peak)</td></tr>
<tr><td>Output Power (Max.)-Integral Antenna</td><td>802.11a: 20.88 dBm
802.11n 20M: 21.92 dBm
802.11n 40M: 16.61 dBm</td></tr>
<tr><td>Output Power (Max.)-Dipole Antenna with external cable</td><td>802.11a: 20.83 dBm
802.11n 20M: 21.63 dBm
802.11n 40M: 16.56 dBm</td></tr>
</table>
More details of EUT technical specification, please refer to the User's Manual.
</td></tr>
<tr><td>Power Source</td><td>DC voltage supplied from AC/DC adapter
#1 Brand /Model name: LITEON /PA-1600-2A-LF
#2 Brand /Model name: DELTA /EADP-60MB B
#3 PoE</td></tr>
<tr><td>Power Rating</td><td>#1 I/P 100-240V 50-60Hz 2A O/P 12V 5A
#2 I/P 100-240V 50-60Hz 1.5A O/P 12V 5A
#3 DC 48V</td></tr>
<tr><td>Connecting I/O Port(s)</td><td>USB port*4
IR Extension port
Console port
RS232 port
Audio out port
Audio in port
HDMI port
VGA port
Gigabit Ethernet port
Power
SD card
802.11a/b/g/n</td></tr>
</table>

Note:
1. For a more detailed features description, please refer to the manufacturer’s specifications or the User's Manual.

2.

802.11a / 802.11n 20M					
C annel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	**5745**	153	5765	**157**	**5785**
161	5805	**165**	**5825**		

802.11n 40M			
Channel	Frequency (MHz)	Channel	Frequency (MHz)
151	**5755**	**159**	**5795**

3. Table for Filed Antenna

Group 1

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	FOXCONN	FX01G64-0G-EF	Integral	N/A	3.2
2	FOXCONN	FX01G65-0G-EF	Integral	N/A	3.6

Group 2

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
3	FOXCONN	FX01G67-0G-EF	Dipole	N/A	2.82
4	FOXCONN	FX01G67-0G-EF	Dipole	N/A	2.82

Note: The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and two receivers (2T2R), all transmit signals are completely uncorrelated, then, **Direction gain = G_{ANT}**, that is Directional gain=2.82 for Dipole antenna and Directional gain=3.6 for Integral Antenna.

This external dipole antenna can be connected to the EUT either directly or by a external cable, after assessing it is the worst case when the antenna is connected to the EUT by the external cable.

4.

Operating Mode / TX Mode	2TX
802.11a	V (ANT 1 & ANT 2 or ANT 3 & ANT 4)
802.11n(20MHz)	V (ANT 1 & ANT 2 or ANT 3 & ANT 4)
802.11n(40MHz)	V (ANT 1 & ANT 2 or ANT 3 & ANT 4)

3.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	TX A Mode CHANNEL 149/157/165
Mode 2	TX N20 Mode CHANNEL 149/157/165
Mode 3	TX N40 Mode CHANNEL 151/159
Mode 4	TX Mode

The EUT system operated these modes were found to be the worst case during the pre-scanning test as following:

For Conducted Test	
Final Test Mode	Description
Mode 4	TX Mode

For Conducted test, the Dipole antenna with external cable is found to be the worst case and recorded.

For Radiated Test	
Final Test Mode	Description
Mode 1	TX A Mode CHANNEL 149/157/165
Mode 2	TX N20 Mode CHANNEL 149/157/165
Mode 3	TX N40 Mode CHANNEL 151/159

For Radiated Below 1G test, the 802.11a mode is found to be the worst case and recorded.

Note:

(1) The measurements are performed at the high, middle, low available channels.

3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product

Integral Antenna:

Test software version	RT5x9x_V1.0.8.0_AP		
Frequency	5745 MHz	5785 MHz	5825MHz
TX A Mode	18	1B	1D
TX N20 Mode	1A	1C	1E

Test software version	RT5x9x_V1.0.8.0_AP	
Frequency	5745 MHz	5825MHz
TX N40 Mode	10	14

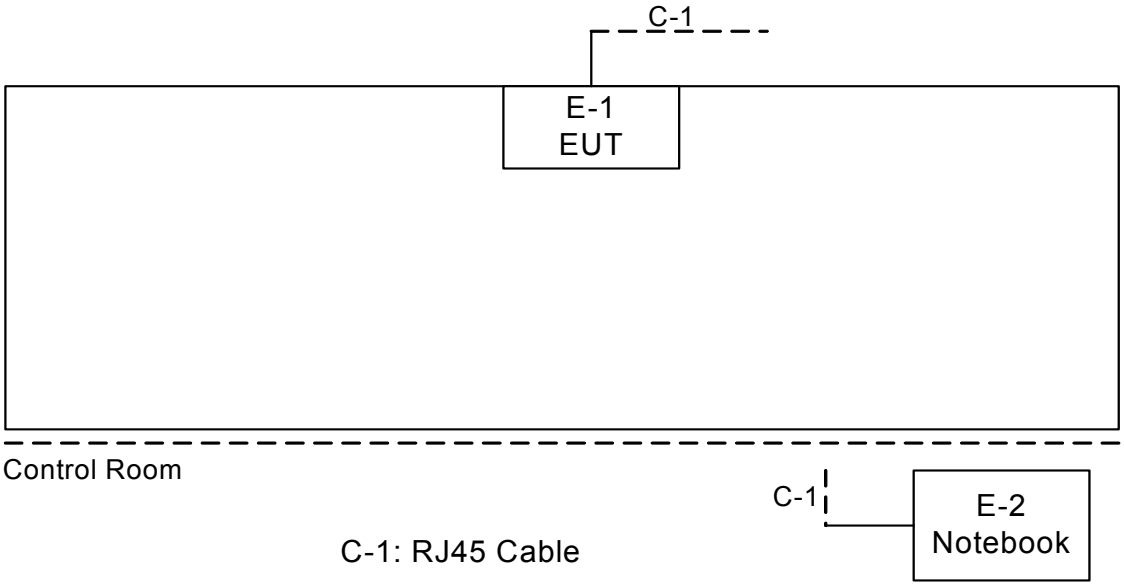
Dipole Antenna with external cable:

Test software version	RT5x9x_V1.0.8.0_AP		
Frequency	5745 MHz	5785 MHz	5825MHz
TX A Mode	19	1B	1E
TX N20 Mode	1C	1E	21

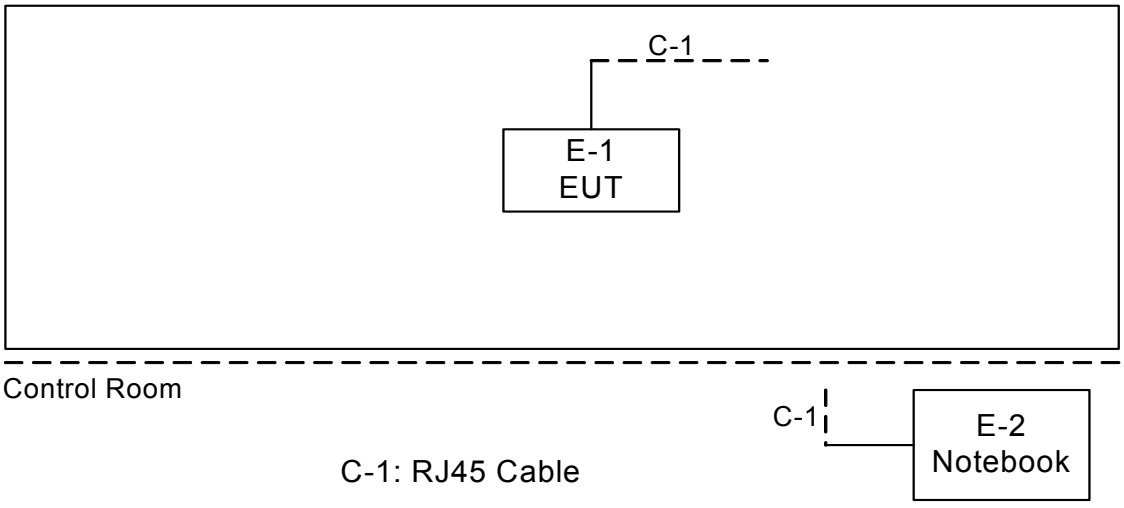
Test software version	RT5x9x_V1.0.8.0_AP	
Frequency	5745 MHz	5825MHz
TX N40 Mode	12	14

3.4 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Conducted TX Mode:



Radiated TX Mode:



Item	Shielded Type	Ferrite Core	Length	Note
C-1	NO	NO	10m	Between the EUT and a Notebook

Note:

(1) For detachable type I/O cable should be specified the length in m in『Length』column.

3.5 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID/IC	Series No.	Note
E-1	Cisco Edge 340	Cisco	CS-E340W	MCLCS-E340W / 2878D-CSE340W	N/A	EUT
E-2	Notebook	DELL	Inspiron 14-N4030	DOC	N/A	

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION Limits (Frequency Range 150KHz-30MHz)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)		Standard
	Quasi-peak	Average	Quasi-peak	Average	
0.15 -0.5	79.0	66.0	66 - 56 *	56 - 46 *	CISPR
0.50 -5.0	73.00	60.00	56.00	46.00	CISPR
5.0 -30.0	73.00	60.00	60.00	50.00	CISPR

0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	73.00	60.00	56.00	46.00	FCC
5.0 -30.0	73.00	60.00	60.00	50.00	FCC

Note:

(1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

4.1.2 MEASUREMENT INSTRUMENTS LIST AND SETTING

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	00052765	Apr. 25, 2014
2	LISN	R&S	ENV216	100087	Nov.16, 2013
3	Test Cable	N/A	C_17	N/A	Mar.15, 2014
4	EMI TEST RECEIVER	R&S	ESCS30	826547/022	Apr. 25, 2014
5	50Ω Terminator	SHX	TF2-3G-A	08122902	Apr. 25, 2014

Remark: “N/A” denotes no model name, serial no. or calibration specified.

All calibration period of equipment list is one year.

The test was performed in DG-C02.

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

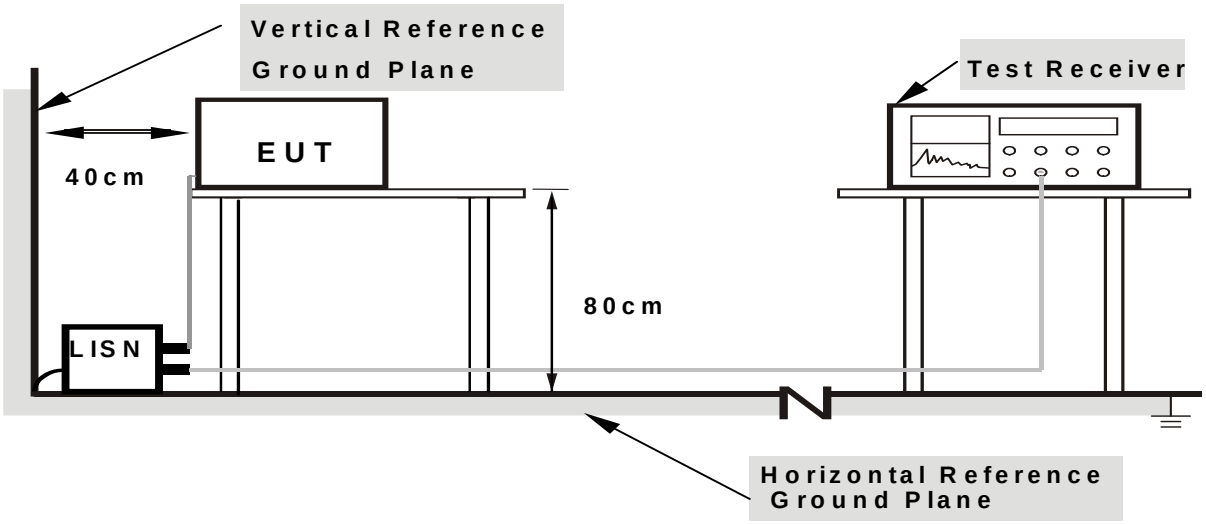
4.1.3 TEST PROCEDURE

a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
d. LISN at least 80 cm from nearest part of EUT chassis.
e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP



Note: 1.Support units were connected to second LISN.
2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

4.1.6 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.
The EUT was programmed to be in continuously transmitting/TX mode.

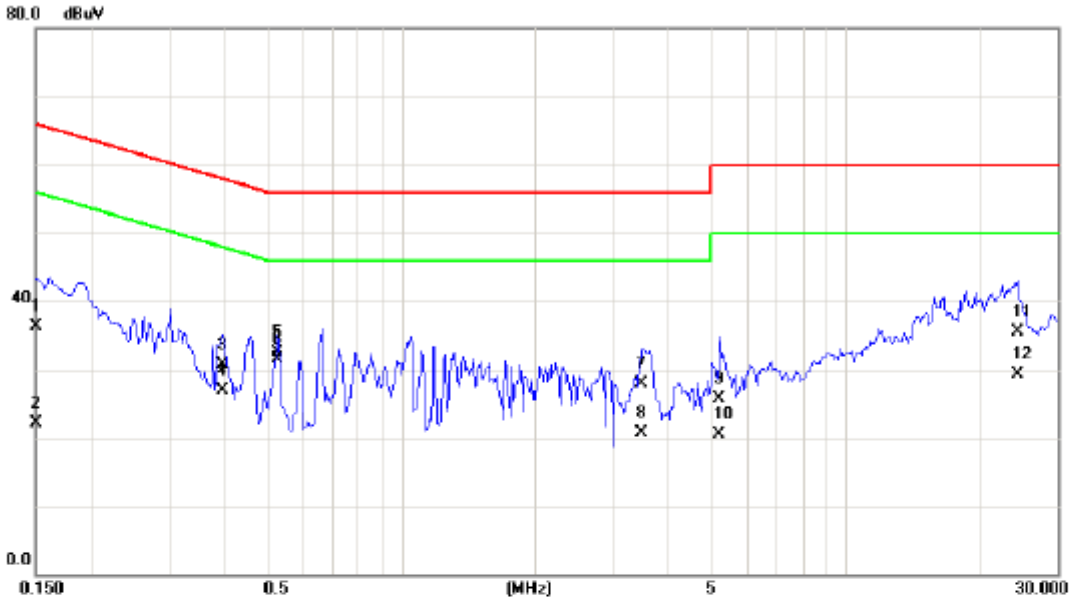
4.1.7 TEST RESULTS

Remark:

(1) All readings are QP Mode value unless otherwise stated AVG in column of『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform ◦ In this case, a " * " marked in AVG Mode column of Interference Voltage Measured ◦

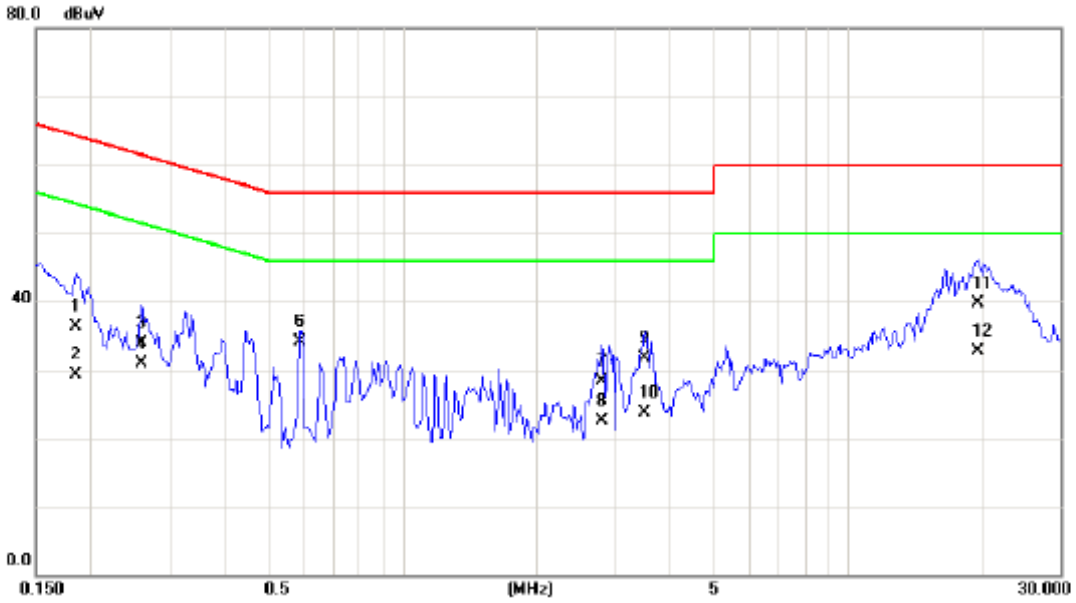
(2) Measuring frequency range from 150KHz to 30MHz ◦

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	50 %
Test Power:	AC 120V/60Hz	Phase:	Line
Test Mode:	WIFI / Adapter: PA-1600-2A-LF		



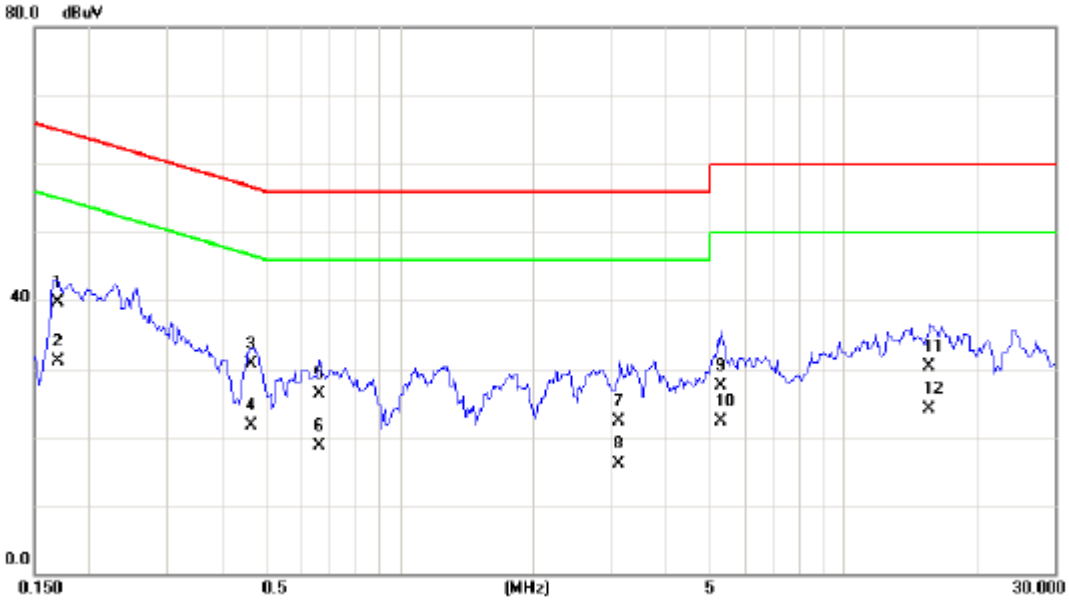
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	26.75	9.61	36.36	66.00	-29.64	QP	
2		0.1500	12.45	9.61	22.06	56.00	-33.94	AVG	
3		0.3961	20.95	9.66	30.61	57.93	-27.32	QP	
4		0.3961	17.15	9.66	26.81	47.93	-21.12	AVG	
5		0.5250	22.75	9.68	32.43	56.00	-23.57	QP	
6	*	0.5250	21.85	9.68	31.53	46.00	-14.47	AVG	
7		3.4883	18.15	9.83	27.98	56.00	-28.02	QP	
8		3.4883	10.95	9.83	20.78	46.00	-25.22	AVG	
9		5.2031	15.85	9.91	25.76	60.00	-34.24	QP	
10		5.2031	10.55	9.91	20.46	50.00	-29.54	AVG	
11		24.2773	24.55	10.86	35.41	60.00	-24.59	QP	
12		24.2773	18.35	10.86	29.21	50.00	-20.79	AVG	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	50 %
Test Power:	AC 120V/60Hz	Phase:	Neutral
Test Mode:	WIFI / Adapter: PA-1600-2A-LF		



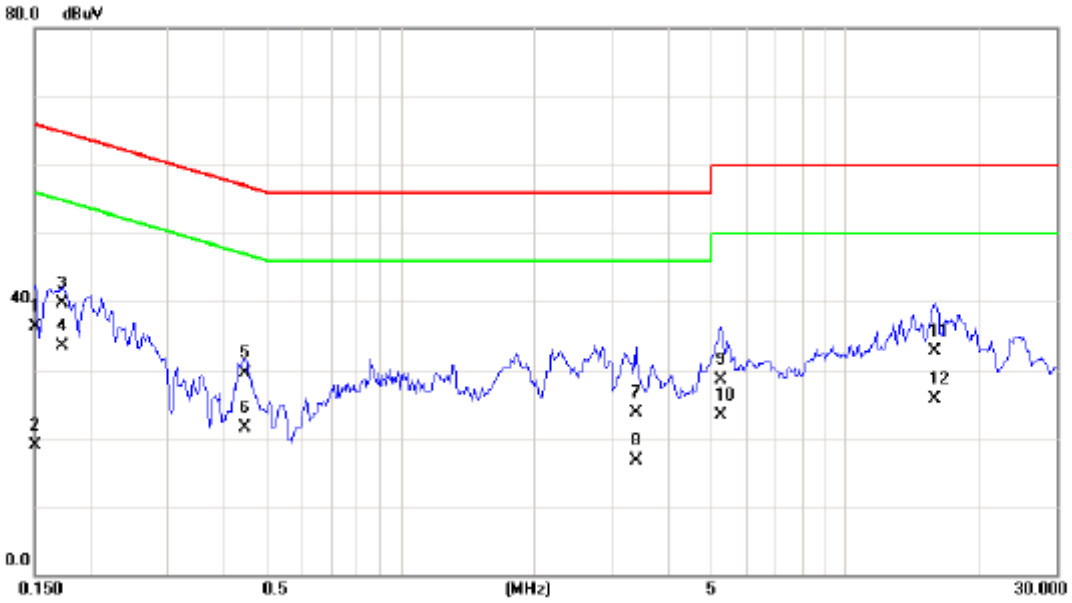
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1852	26.67	9.62	36.29	64.25	-27.96	QP	
2		0.1852	19.67	9.62	29.29	54.25	-24.96	AVG	
3		0.2594	24.27	9.62	33.89	61.45	-27.56	QP	
4		0.2594	21.36	9.62	30.98	51.45	-20.47	AVG	
5		0.5914	24.47	9.69	34.16	56.00	-21.84	QP	
6	*	0.5914	24.36	9.69	34.05	46.00	-11.95	AVG	
7		2.8220	18.56	9.80	28.36	56.00	-27.64	QP	
8		2.8220	12.66	9.80	22.46	46.00	-23.54	AVG	
9		3.4922	21.86	9.83	31.69	56.00	-24.31	QP	
10		3.4922	13.86	9.83	23.69	46.00	-22.31	AVG	
11		19.5508	29.07	10.58	39.65	60.00	-20.35	QP	
12		19.5508	22.17	10.58	32.75	50.00	-17.25	AVG	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	50 %
Test Power:	AC 120V/60Hz	Phase:	Line
Test Mode:	WIFI / Adapter: EADP-60MB B		



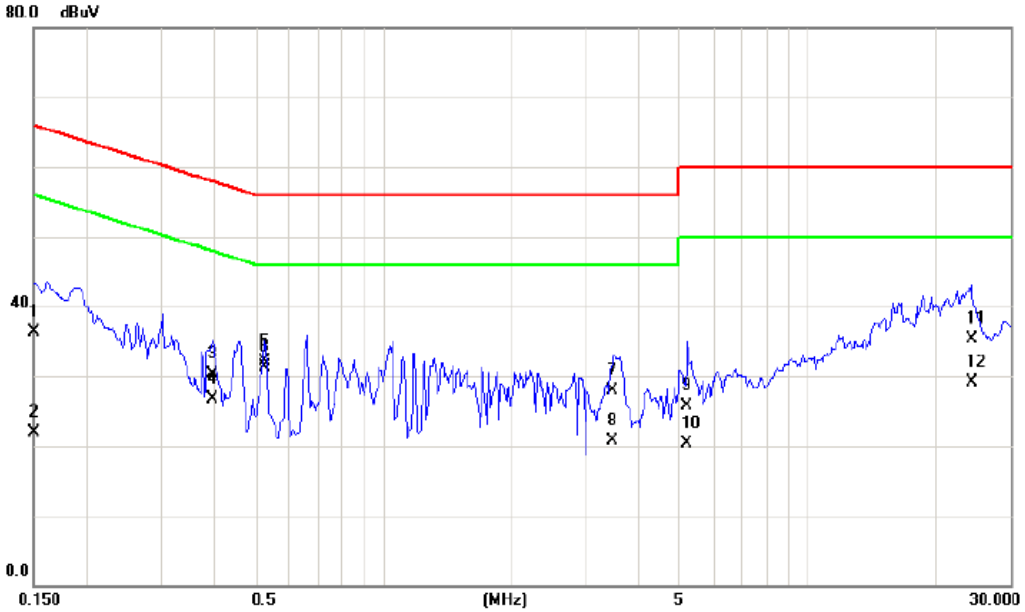
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1695	30.02	9.61	39.63	64.98	-25.35	QP	
2	*	0.1695	21.42	9.61	31.03	54.98	-23.95	AVG	
3		0.4625	21.12	9.67	30.79	56.65	-25.86	QP	
4		0.4625	12.02	9.67	21.69	46.65	-24.96	AVG	
5		0.6578	16.52	9.69	26.21	56.00	-29.79	QP	
6		0.6578	9.02	9.69	18.71	46.00	-27.29	AVG	
7		3.1328	12.52	9.82	22.34	56.00	-33.66	QP	
8		3.1328	6.22	9.82	16.04	46.00	-29.96	AVG	
9		5.3047	17.52	9.91	27.43	60.00	-32.57	QP	
10		5.3047	12.42	9.91	22.33	50.00	-27.67	AVG	
11		15.6953	20.02	10.38	30.40	60.00	-29.60	QP	
12		15.6953	13.82	10.38	24.20	50.00	-25.80	AVG	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	50 %
Test Power:	AC 120V/60Hz	Phase:	Neutral
Test Mode:	WIFI / Adapter: EADP-60MB B		



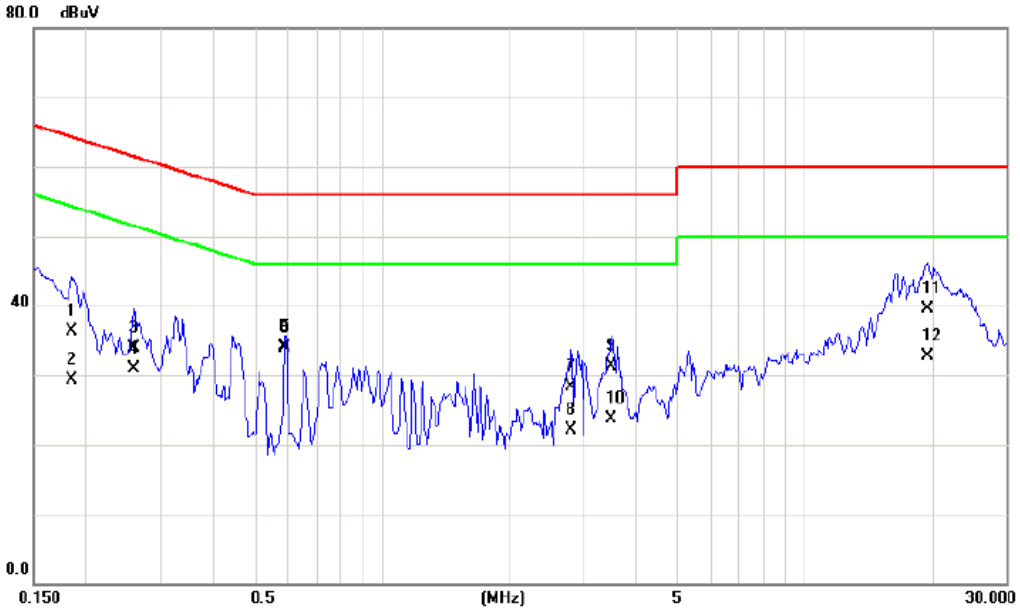
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1508	26.72	9.60	36.32	65.96	-29.64	QP	
2		0.1508	9.32	9.60	18.92	55.96	-37.04	AVG	
3		0.1734	30.02	9.60	39.62	64.80	-25.18	QP	
4	*	0.1734	23.82	9.60	33.42	54.80	-21.38	AVG	
5		0.4470	19.92	9.66	29.58	56.93	-27.35	QP	
6		0.4470	11.92	9.66	21.58	46.93	-25.35	AVG	
7		3.3906	13.92	9.87	23.79	56.00	-32.21	QP	
8		3.3906	6.92	9.87	16.79	46.00	-29.21	AVG	
9		5.2617	18.62	9.98	28.60	60.00	-31.40	QP	
10		5.2617	13.42	9.98	23.40	50.00	-26.60	AVG	
11		15.9531	21.92	10.73	32.65	60.00	-27.35	QP	
12		15.9531	15.02	10.73	25.75	50.00	-24.25	AVG	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	50 %
Test Power:	AC 120V/60Hz	Phase:	Line
Test Mode:	WIFI / POE		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1500	26.66	9.61	36.27	66.00	-29.73	QP	
2		0.1500	12.33	9.61	21.94	56.00	-34.06	AVG	
3		0.3961	20.65	9.66	30.31	57.93	-27.62	QP	
4		0.3961	17.01	9.66	26.67	47.93	-21.26	AVG	
5		0.5250	22.45	9.68	32.13	56.00	-23.87	QP	
6	*	0.5250	21.65	9.68	31.33	46.00	-14.67	AVG	
7		3.4883	18.03	9.83	27.86	56.00	-28.14	QP	
8		3.4883	10.87	9.83	20.70	46.00	-25.30	AVG	
9		5.2031	15.76	9.91	25.67	60.00	-34.33	QP	
10		5.2031	10.39	9.91	20.30	50.00	-29.70	AVG	
11		24.2773	24.47	10.86	35.33	60.00	-24.67	QP	
12		24.2773	18.24	10.86	29.10	50.00	-20.90	AVG	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	50 %
Test Power:	AC 120V/60Hz	Phase:	Neutral
Test Mode:	WIFI / POE		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1852	26.65	9.62	36.27	64.25	-27.98	QP	
2		0.1852	19.65	9.62	29.27	54.25	-24.98	AVG	
3		0.2594	24.22	9.62	33.84	61.45	-27.61	QP	
4		0.2594	21.33	9.62	30.95	51.45	-20.50	AVG	
5		0.5914	24.44	9.69	34.13	56.00	-21.87	QP	
6	*	0.5914	24.25	9.69	33.94	46.00	-12.06	AVG	
7		2.8220	18.50	9.80	28.30	56.00	-27.70	QP	
8		2.8220	12.32	9.80	22.12	46.00	-23.88	AVG	
9		3.4922	21.45	9.83	31.28	56.00	-24.72	QP	
10		3.4922	13.88	9.83	23.71	46.00	-22.29	AVG	
11		19.5508	29.00	10.58	39.58	60.00	-20.42	QP	
12		19.5508	22.11	10.58	32.69	50.00	-17.31	AVG	

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS (Frequency Range 9KHz-1000MHz)

20dB in any 100 KHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a) & RSS-210 section 2.2& Annex 8 (A8.5), then the 15.209(a)& RSS-Gen limit in the table below has to be followed.

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
960~1000	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

Frequency (MHz)	(dBuV/m) (at 3 meters)	
	PEAK	AVERAGE
Above 1000	74	54

Notes:

(1) The limit for radiated test was performed according to FCC PART 15C.

(2) The tighter limit applies at the band edges.

(3) Emission level (dBuV/m)=20log Emission level (uV/m).

FREQUENCY RANGE OF RADIATED MEASUREMENT (For unintentional radiators)

Highest frequency generated or Upper frequency of measurement used in the device or on which the device operates or tunes (MHz)	Range (MHz)
Below 1.705	30
1.705 – 108	1000
108 – 500	2000
500 – 1000	5000
Above 1000	5^{th} harmonic of the highest frequency or 40 GHz, whichever is lower

4.2.2 MEASUREMENT INSTRUMENTS LIST ANS SETTING

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Apr. 25, 2014
2	Amplifier	HP	8447D	2944A09673	Apr. 25, 2014
3	Test Receiver	R&S	ESCI	100382	Apr. 25, 2014
4	Test Cable	N/A	C-01_CB03	N/A	Jul. 02, 2014
5	Antenna	ETS	3115	00075789	Apr. 25, 2014
6	Amplifier	Agilent	8449B	3008A02274	Apr. 25, 2014
7	Spectrum	Agilent	E4408B	US39240143	Nov. 16, 2013
8	Test Cable	HUBER+SUHNER	C-45	N/A	Apr. 30, 2014
9	Controller	CT	SC100	N/A	N/A
10	Horn Antenna	EMCO	3115	9605-4803	Apr. 25, 2014
11	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Apr. 25, 2014
12	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Oct. 23, 2013

Remark: “N/A” denotes no model name, serial no. or calibration specified.
All calibration period of Equipment List is One Year.
The test was performed in DG-CB03.

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB / VB (Emission in restricted band)	1MHz / 1MHz for Peak, 1 MHz / 10Hz for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~90kHz for PK/AVG detector
Start ~ Stop Frequency	90kHz~110kHz for QP detector
Start ~ Stop Frequency	110kHz~490kHz for PK/AVG detector
Start ~ Stop Frequency	490kHz~30MHz for QP detector
Start ~ Stop Frequency	30MHz~1000MHz for QP detector

4.2.3 TEST PROCEDURE

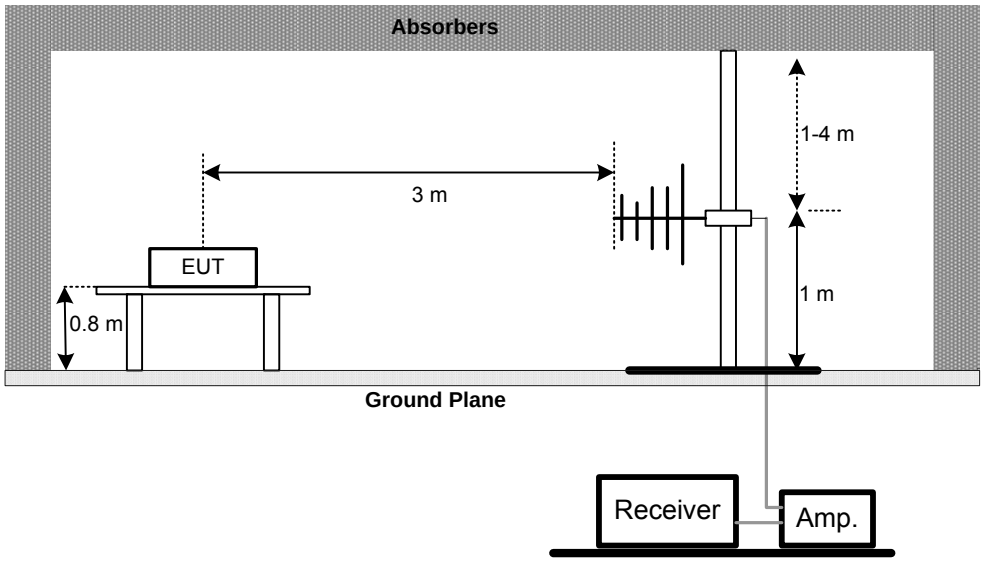
a. The measuring distance of at 1.5 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.4 DEVIATION FROM TEST STANDARD

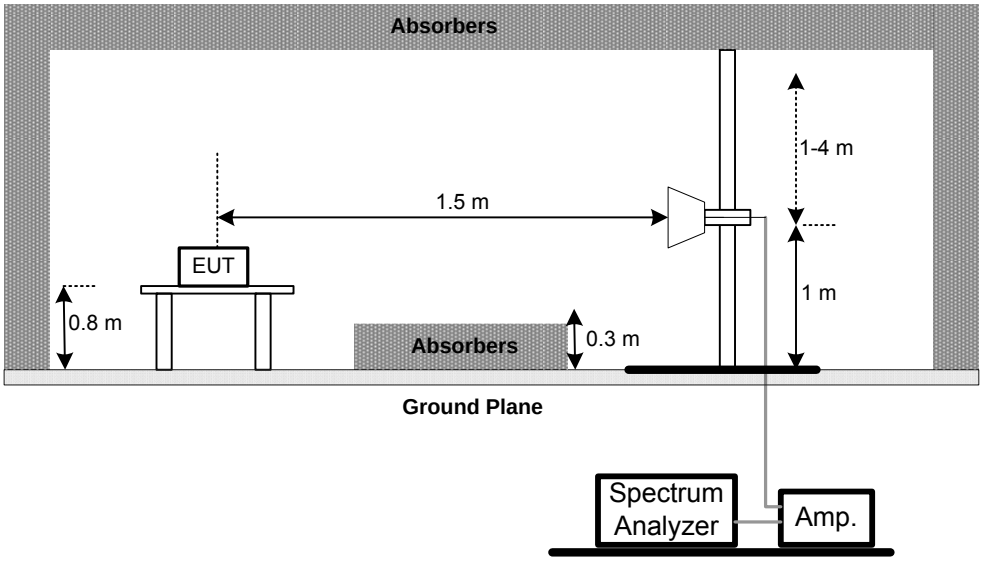
No deviation

4.2.5 TEST SETUP

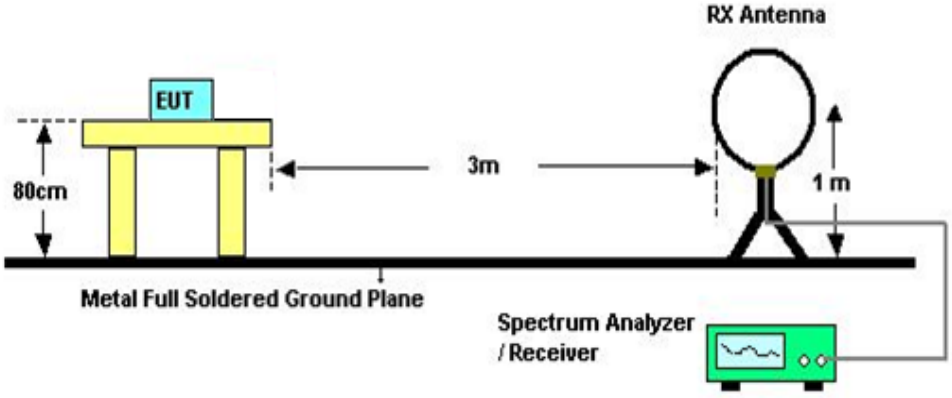
(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



(B) Radiated Emission Test Set-Up Frequency Above 1 GHz



(C) For radiated emissions below 30MHz



4.2.6 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **4.1.6** Unless otherwise a special operating condition is specified in the follows during the testing.

4.2.7 TEST RESULTS (BETWEEN 30 – 1000 MHZ)

Remark:

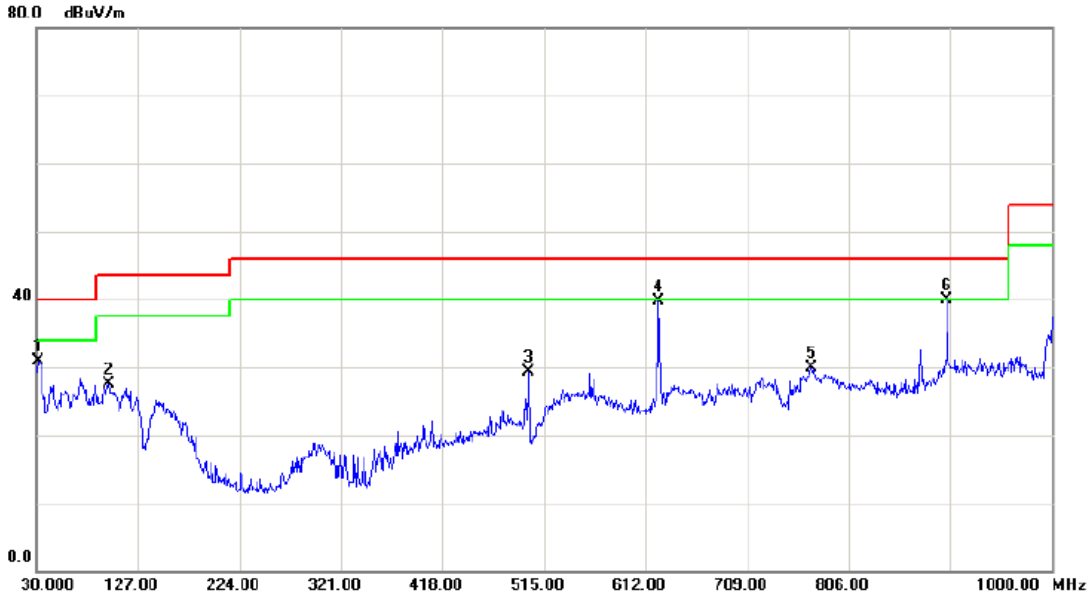
(1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz ; SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = 0.3 sec./MHz ◦

(2) All readings are Peak unless otherwise stated QP in column of 『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform ◦

(3) Measuring frequency range from 30MHz to 1000MHz ◦

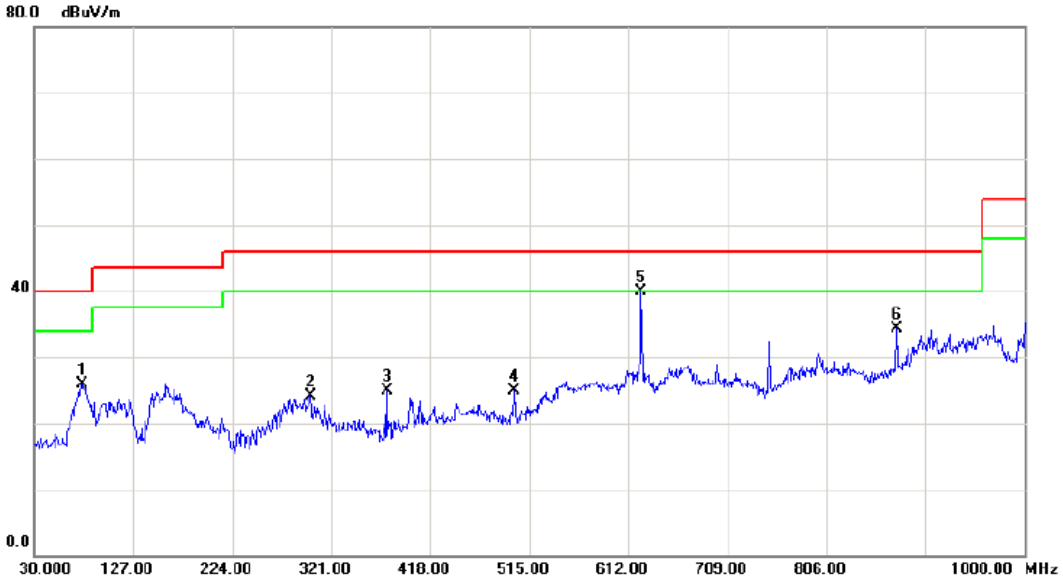
(4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table ◦

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Vertical
Test Mode :	TX A Mode 5745MHz / Adapter: PA-1600-2A-LF / Integral Antenna		



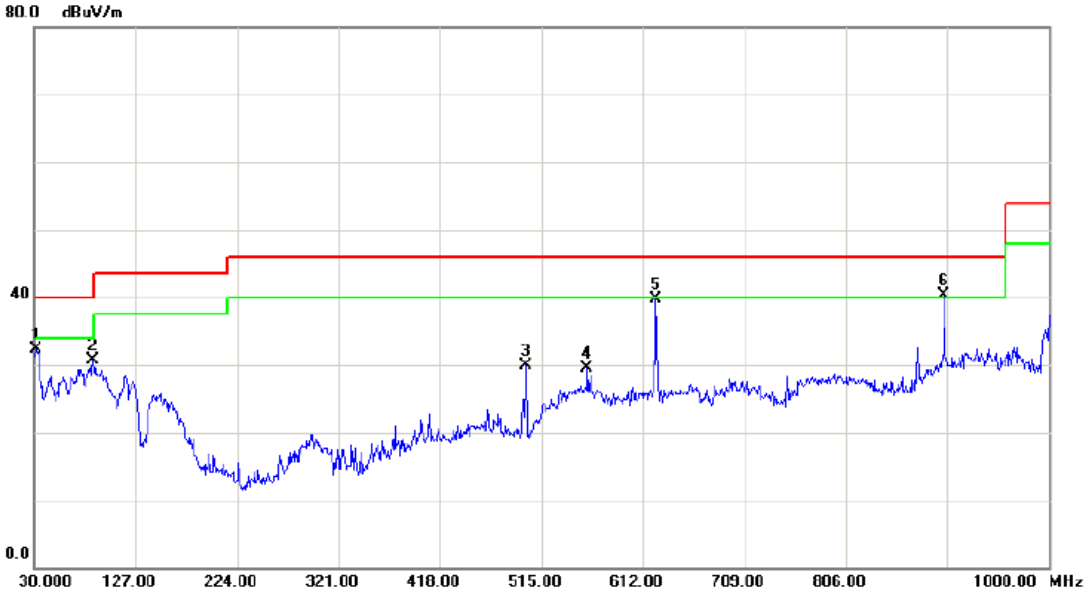
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		31.9400	45.69	-14.86	30.83	40.00	-9.17	peak	
2		98.8700	43.78	-16.21	27.57	43.50	-15.93	peak	
3		500.4500	39.84	-10.50	29.34	46.00	-16.66	peak	
4		624.6100	46.70	-7.06	39.64	46.00	-6.36	peak	
5		770.1100	33.80	-3.81	29.99	46.00	-16.01	peak	
6	*	900.0900	39.19	0.63	39.82	46.00	-6.18	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Horizontal
Test Mode :	TX A Mode 5745MHz / Adapter: PA-1600-2A-LF / Integral Antenna		



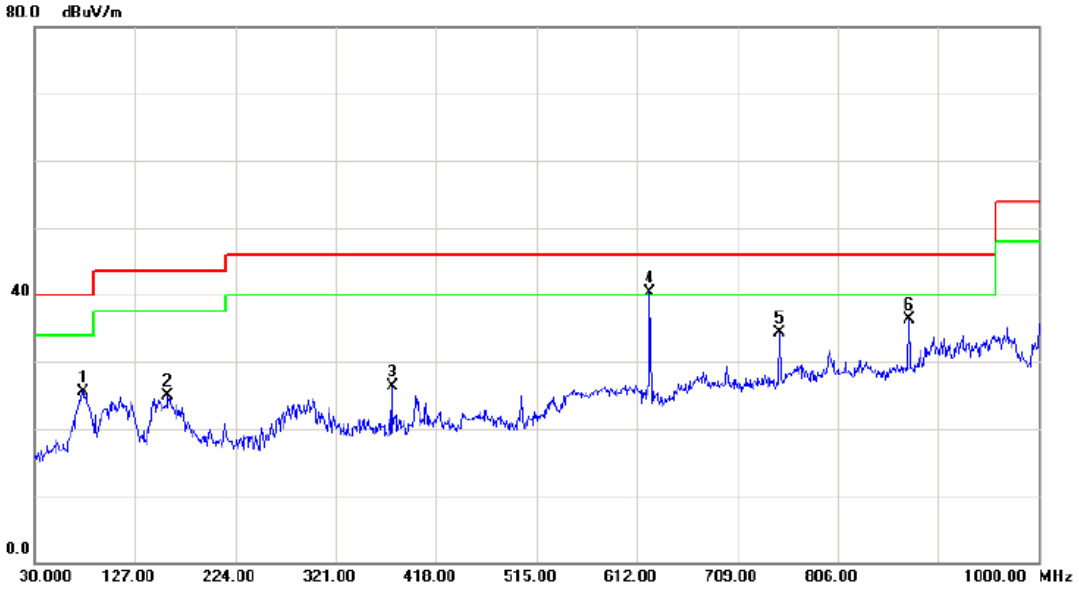
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		76.5600	42.01	-16.06	25.95	40.00	-14.05	peak	
2		300.6300	35.03	-10.95	24.08	46.00	-21.92	peak	
3		375.3200	35.39	-10.56	24.83	46.00	-21.17	peak	
4		500.4500	35.48	-10.50	24.98	46.00	-21.02	peak	
5	*	624.6100	46.87	-7.06	39.81	46.00	-6.19	peak	
6		874.8700	36.01	-1.78	34.23	46.00	-11.77	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Vertical
Test Mode :	TX A Mode 5785MHz / Adapter: PA-1600-2A-LF / Integral Antenna		



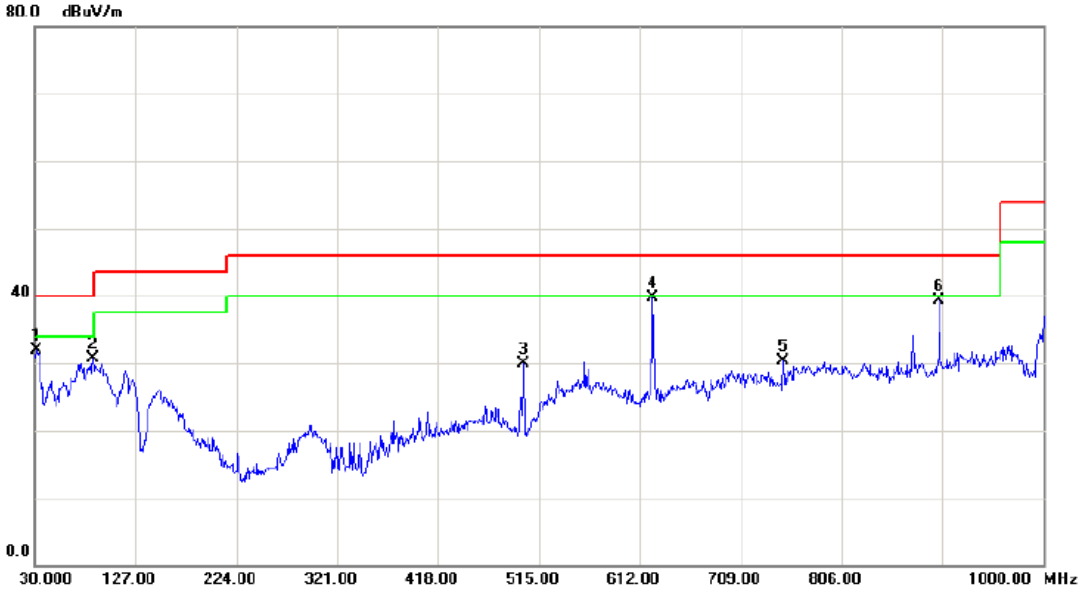
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		31.9400	47.19	-14.86	32.33	40.00	-7.67	peak	
2		86.2600	47.54	-16.78	30.76	40.00	-9.24	peak	
3		500.4500	40.34	-10.50	29.84	46.00	-16.16	peak	
4		558.6500	35.79	-6.25	29.54	46.00	-16.46	peak	
5		624.6100	46.70	-7.06	39.64	46.00	-6.36	peak	
6	*	900.0900	39.69	0.63	40.32	46.00	-5.68	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Horizontal
Test Mode :	TX A Mode 5785MHz / Adapter: PA-1600-2A-LF / Integral Antenna		



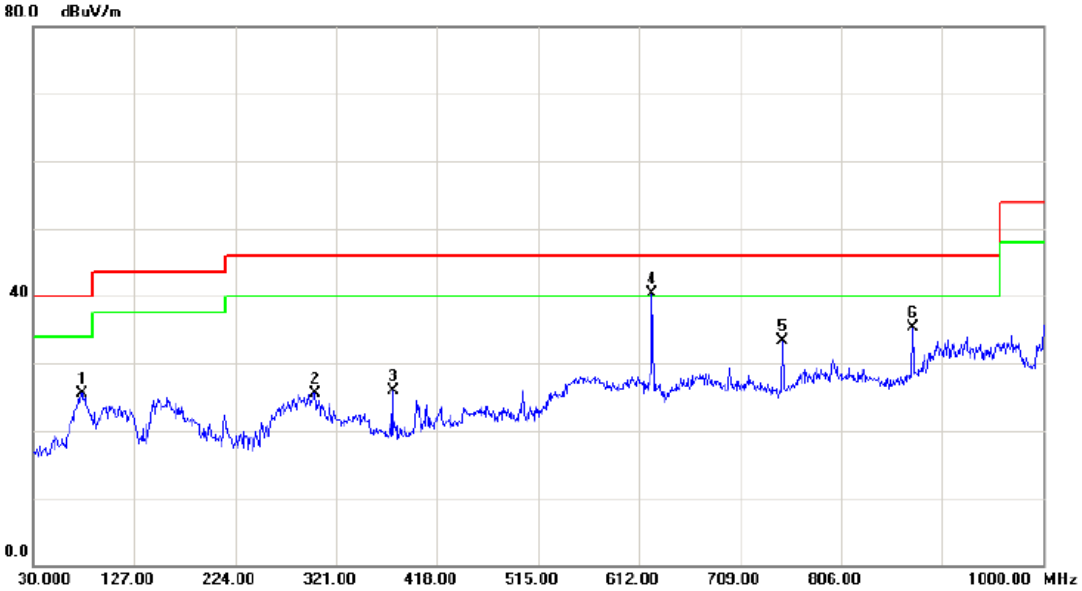
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		76.5600	41.51	-16.06	25.45	40.00	-14.55	peak	
2		159.0100	37.82	-12.83	24.99	43.50	-18.51	peak	
3		375.3200	36.89	-10.56	26.33	46.00	-19.67	peak	
4	*	624.6100	47.37	-7.06	40.31	46.00	-5.69	peak	
5		749.7400	39.52	-5.30	34.22	46.00	-11.78	peak	
6		874.8700	38.01	-1.78	36.23	46.00	-9.77	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Vertical
Test Mode :	TX A Mode 5825MHz / Adapter: PA-1600-2A-LF / Integral Antenna		



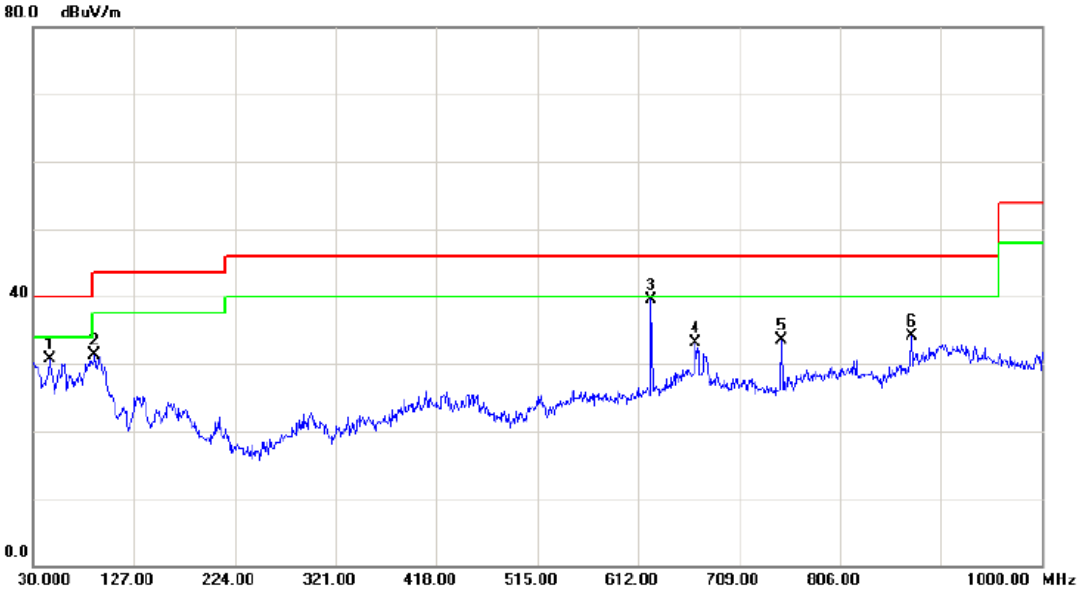
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		31.9400	46.69	-14.86	31.83	40.00	-8.17	peak	
2		86.2600	47.54	-16.78	30.76	40.00	-9.24	peak	
3		500.4500	40.34	-10.50	29.84	46.00	-16.16	peak	
4	*	624.6100	46.70	-7.06	39.64	46.00	-6.36	peak	
5		749.7400	35.67	-5.30	30.37	46.00	-15.63	peak	
6		900.0900	38.69	0.63	39.32	46.00	-6.68	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Horizontal
Test Mode :	TX A Mode 5825MHz / Adapter: PA-1600-2A-LF / Integral Antenna		



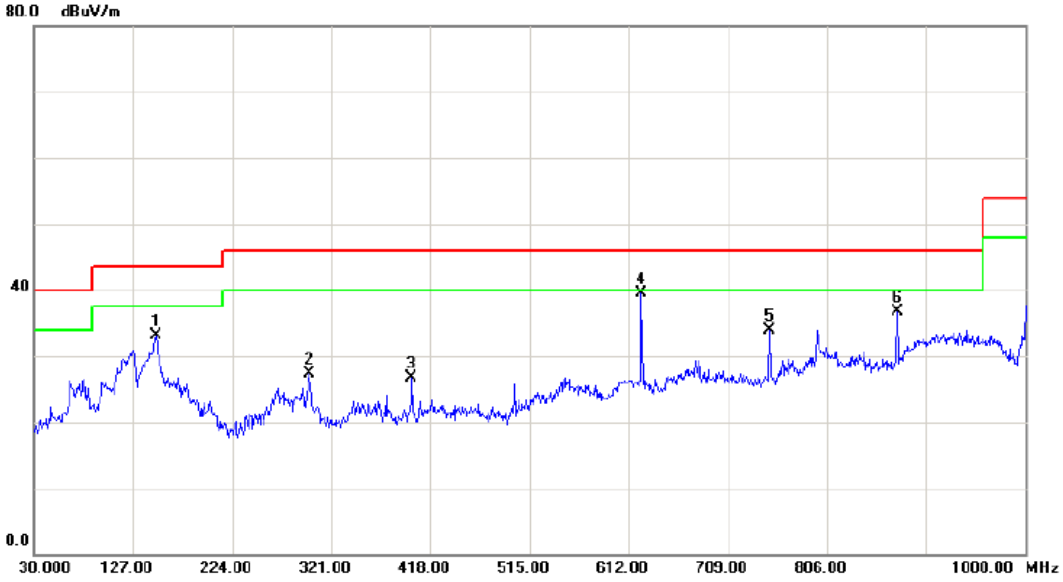
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		76.5600	41.51	-16.06	25.45	40.00	-14.55	peak	
2		300.6300	36.53	-10.95	25.58	46.00	-20.42	peak	
3		375.3200	36.39	-10.56	25.83	46.00	-20.17	peak	
4	*	624.6100	47.37	-7.06	40.31	46.00	-5.69	peak	
5		749.7400	38.52	-5.30	33.22	46.00	-12.78	peak	
6		874.8700	37.01	-1.78	35.23	46.00	-10.77	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Vertical
Test Mode :	TX A Mode 5745MHz / Adapter: EADP-60MB B / Integral Antenna		



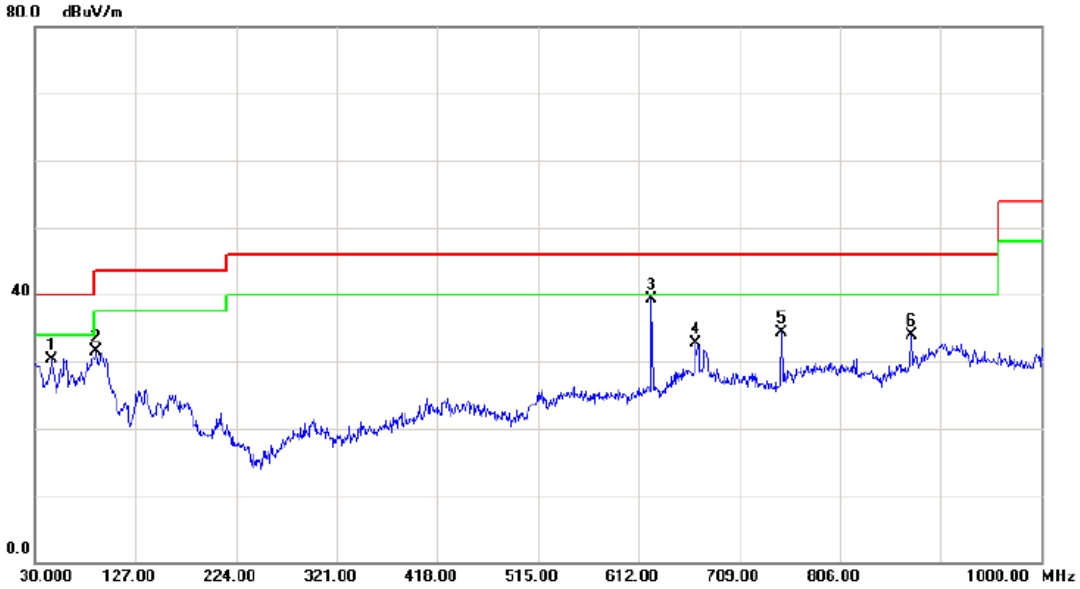
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		45.5200	44.57	-13.95	30.62	40.00	-9.38	peak	
2		89.1700	48.07	-16.80	31.27	43.50	-12.23	peak	
3	*	624.6100	46.55	-7.06	39.49	46.00	-6.51	peak	
4		667.2900	38.38	-5.37	33.01	46.00	-12.99	peak	
5		749.7400	38.78	-5.30	33.48	46.00	-12.52	peak	
6		874.8700	35.87	-1.78	34.09	46.00	-11.91	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Horizontal
Test Mode :	TX A Mode 5745MHz / Adapter: EADP-60MB B / Integral Antenna		



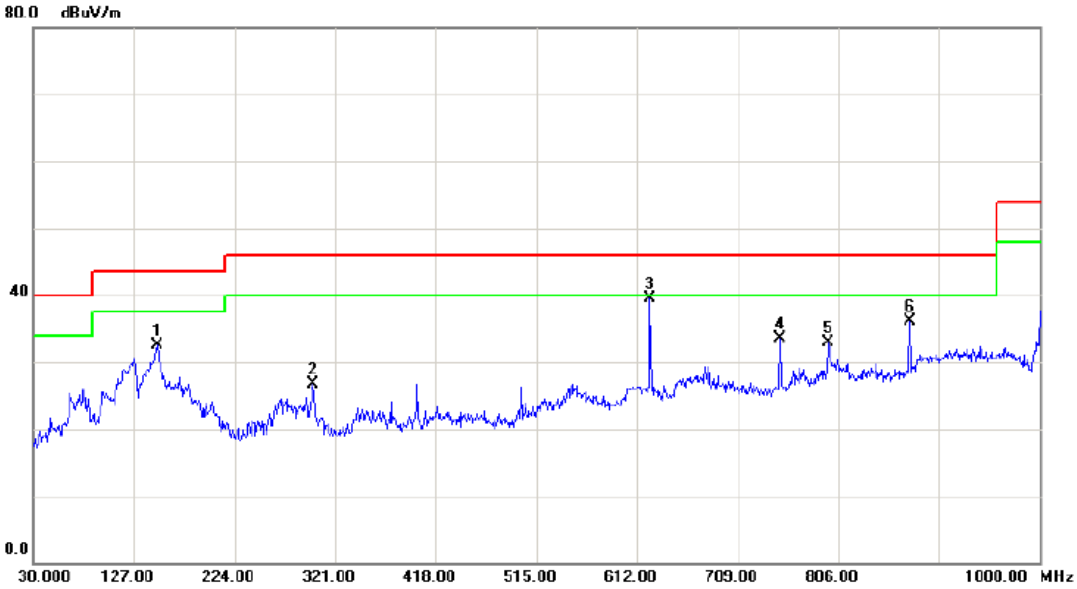
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		149.3100	46.63	-13.61	33.02	43.50	-10.48	peak	
2		299.6600	38.18	-10.97	27.21	46.00	-18.79	peak	
3		399.5700	36.54	-9.79	26.75	46.00	-19.25	peak	
4	*	624.6100	46.59	-7.06	39.53	46.00	-6.47	peak	
5		749.7400	39.28	-5.30	33.98	46.00	-12.02	peak	
6		874.8700	38.46	-1.78	36.68	46.00	-9.32	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Vertical
Test Mode :	TX A Mode 5785MHz / Adapter: EADP-60MB B / Integral Antenna		



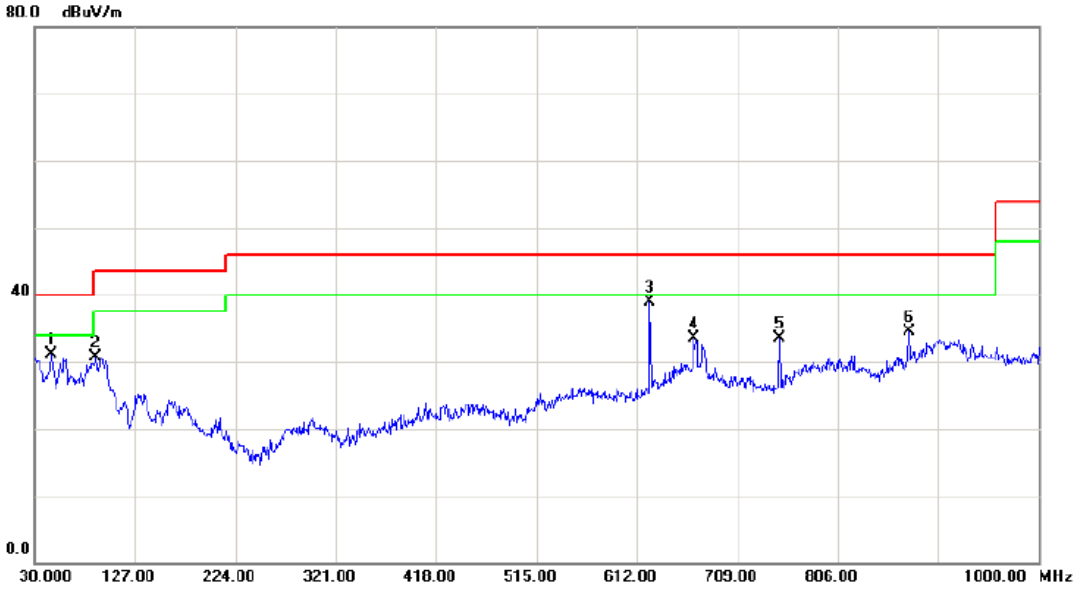
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		45.5200	44.33	-13.95	30.38	40.00	-9.62	peak	
2		89.1700	48.33	-16.80	31.53	43.50	-11.97	peak	
3	*	624.6100	46.31	-7.06	39.25	46.00	-6.75	peak	
4		667.2900	38.13	-5.37	32.76	46.00	-13.24	peak	
5		749.7400	39.54	-5.30	34.24	46.00	-11.76	peak	
6		874.8700	35.63	-1.78	33.85	46.00	-12.15	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Horizontal
Test Mode :	TX A Mode 5785MHz / Adapter: EADP-60MB B / Integral Antenna		



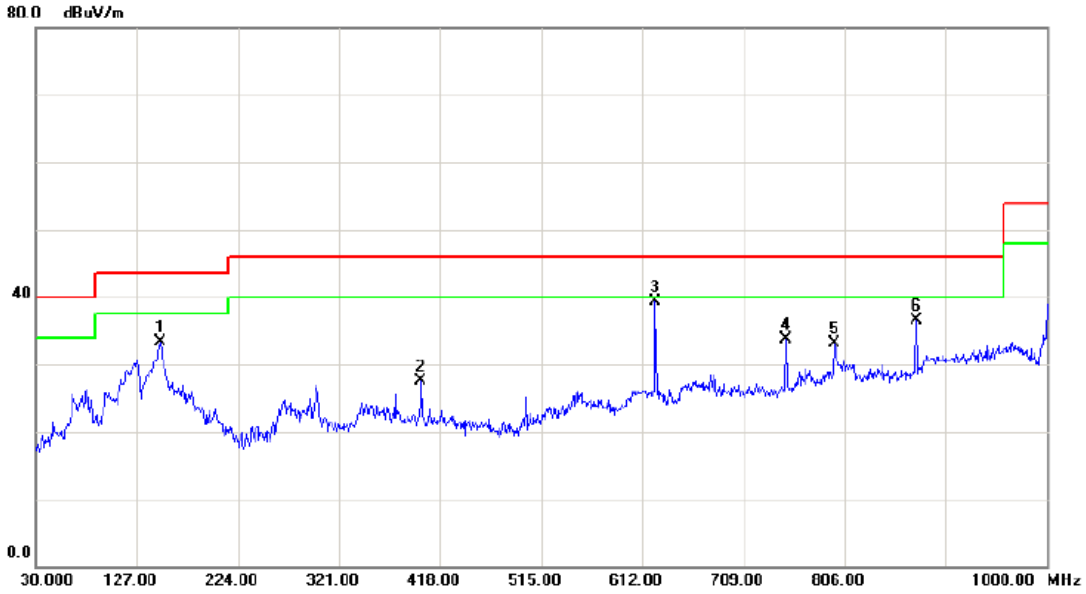
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		149.3100	46.13	-13.61	32.52	43.50	-10.98	peak	
2		299.6600	37.68	-10.97	26.71	46.00	-19.29	peak	
3	*	624.6100	46.59	-7.06	39.53	46.00	-6.47	peak	
4		749.7400	38.78	-5.30	33.48	46.00	-12.52	peak	
5		796.3000	34.73	-1.89	32.84	46.00	-13.16	peak	
6		874.8700	37.96	-1.78	36.18	46.00	-9.82	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Vertical
Test Mode :	TX A Mode 5825MHz / Adapter: EADP-60MB B / Integral Antenna		



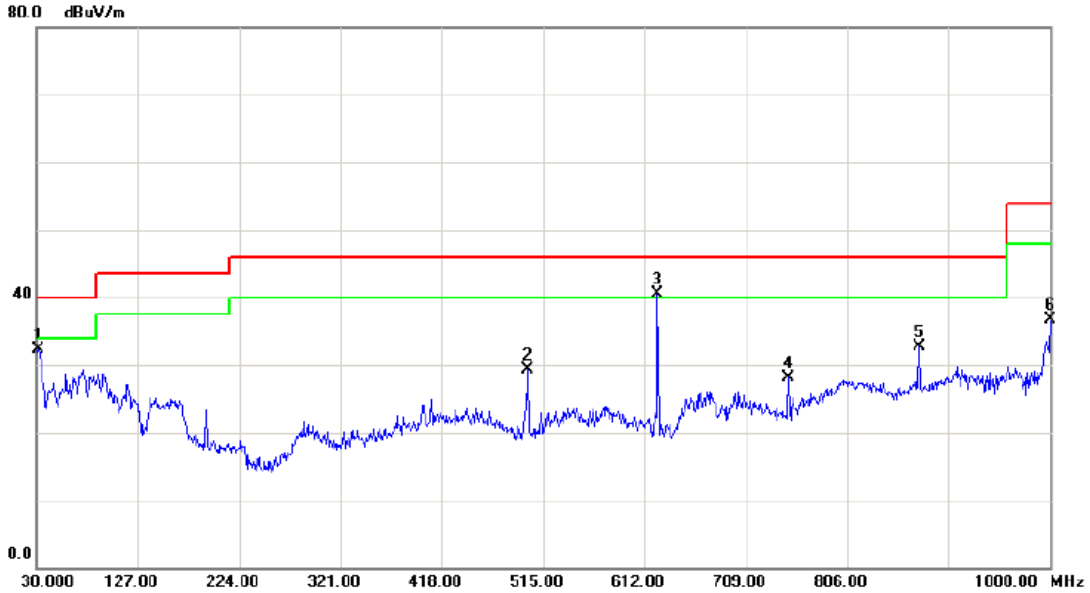
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		45.5200	45.07	-13.95	31.12	40.00	-8.88	peak	
2		89.1700	47.57	-16.80	30.77	43.50	-12.73	peak	
3	*	624.6100	46.05	-7.06	38.99	46.00	-7.01	peak	
4		667.2900	38.88	-5.37	33.51	46.00	-12.49	peak	
5		749.7400	38.78	-5.30	33.48	46.00	-12.52	peak	
6		874.8700	36.37	-1.78	34.59	46.00	-11.41	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Horizontal
Test Mode :	TX A Mode 5825MHz / Adapter: EADP-60MB B / Integral Antenna		



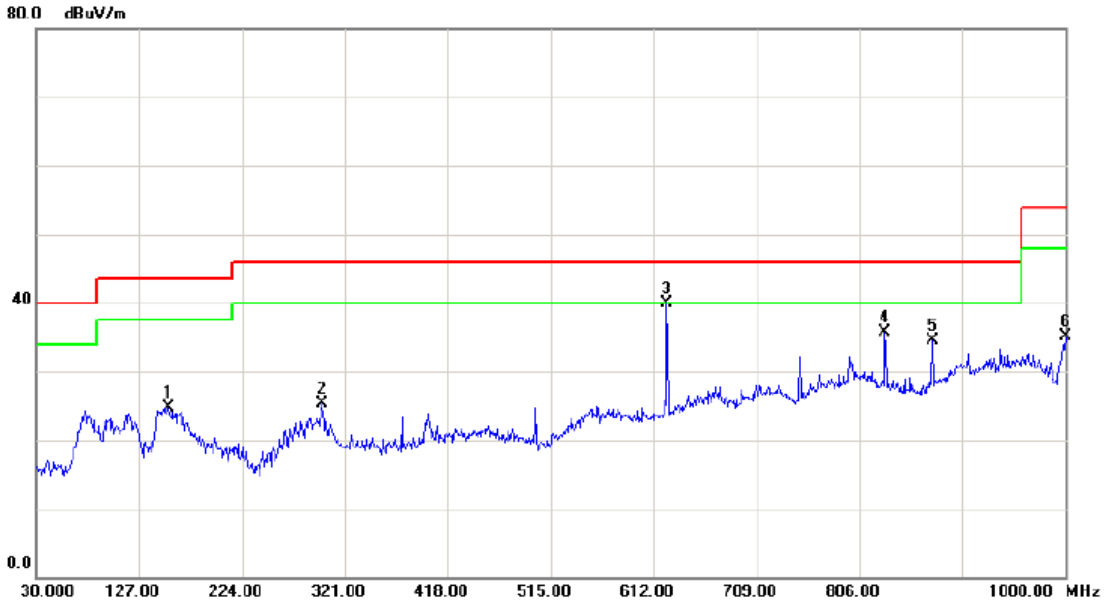
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		149.3100	46.87	-13.61	33.26	43.50	-10.24	peak	
2		399.5700	37.28	-9.79	27.49	46.00	-18.51	peak	
3	*	624.6100	46.34	-7.06	39.28	46.00	-6.72	peak	
4		749.7400	39.02	-5.30	33.72	46.00	-12.28	peak	
5		796.3000	34.98	-1.89	33.09	46.00	-12.91	peak	
6		874.8700	38.20	-1.78	36.42	46.00	-9.58	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Vertical
Test Mode :	TX A Mode 5745MHz / Adapter: PA-1600-2A-LF / Dipole Antenna with external cable		



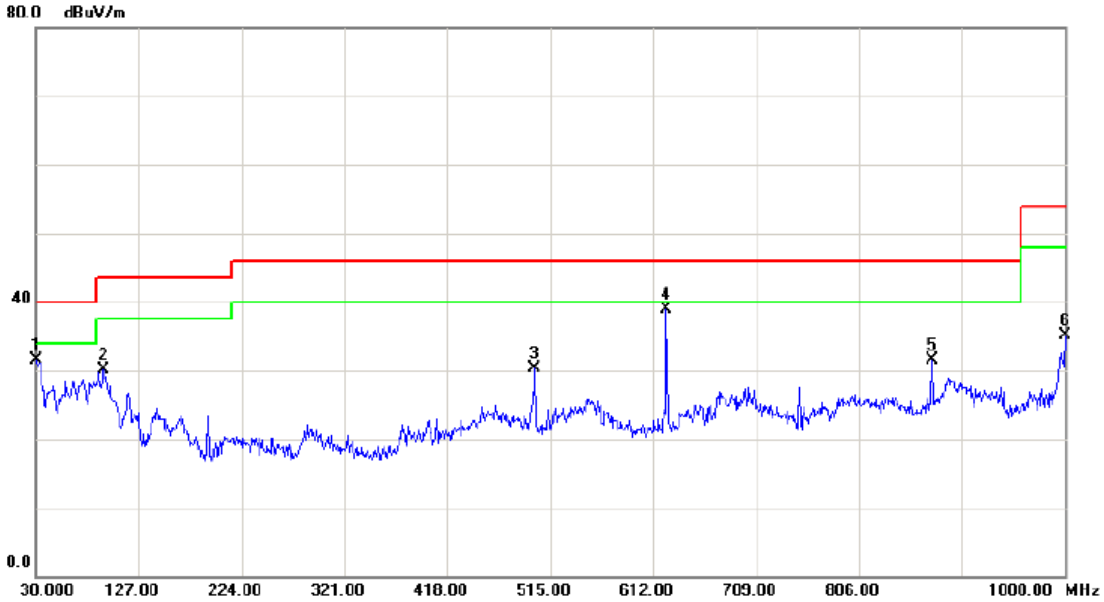
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		31.9400	47.17	-14.86	32.31	40.00	-7.69	peak	
2		500.4500	39.75	-10.50	29.25	46.00	-16.75	peak	
3	*	624.6100	47.60	-7.06	40.54	46.00	-5.46	peak	
4		749.7400	33.32	-5.30	28.02	46.00	-17.98	peak	
5		874.8700	34.41	-1.78	32.63	46.00	-13.37	peak	
6		1000.000	37.23	-0.54	36.69	54.00	-17.31	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Horizontal
Test Mode :	TX A Mode 5745MHz / Adapter: PA-1600-2A-LF / Dipole Antenna with external cable		



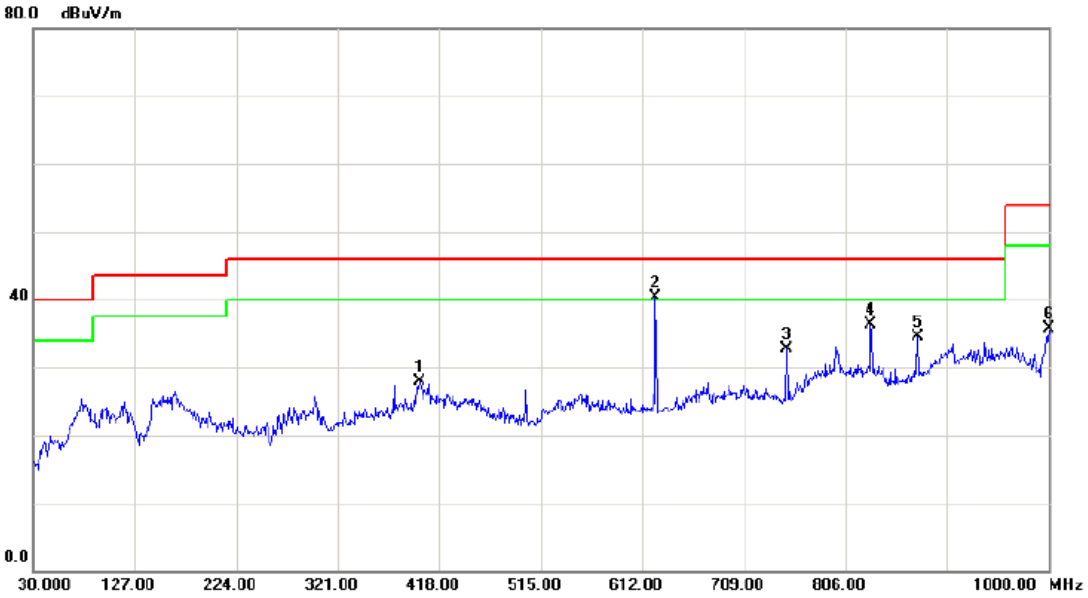
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		155.1300	37.93	-13.13	24.80	43.50	-18.70	peak	
2		299.6600	36.18	-10.97	25.21	46.00	-20.79	peak	
3	*	624.6100	46.87	-7.06	39.81	46.00	-6.19	peak	
4		830.2500	38.93	-3.15	35.78	46.00	-10.22	peak	
5		874.8700	36.24	-1.78	34.46	46.00	-11.54	peak	
6		1000.000	35.65	-0.54	35.11	54.00	-18.89	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Vertical
Test Mode :	TX A Mode 5785MHz / Adapter: PA-1600-2A-LF / Dipole Antenna with external cable		



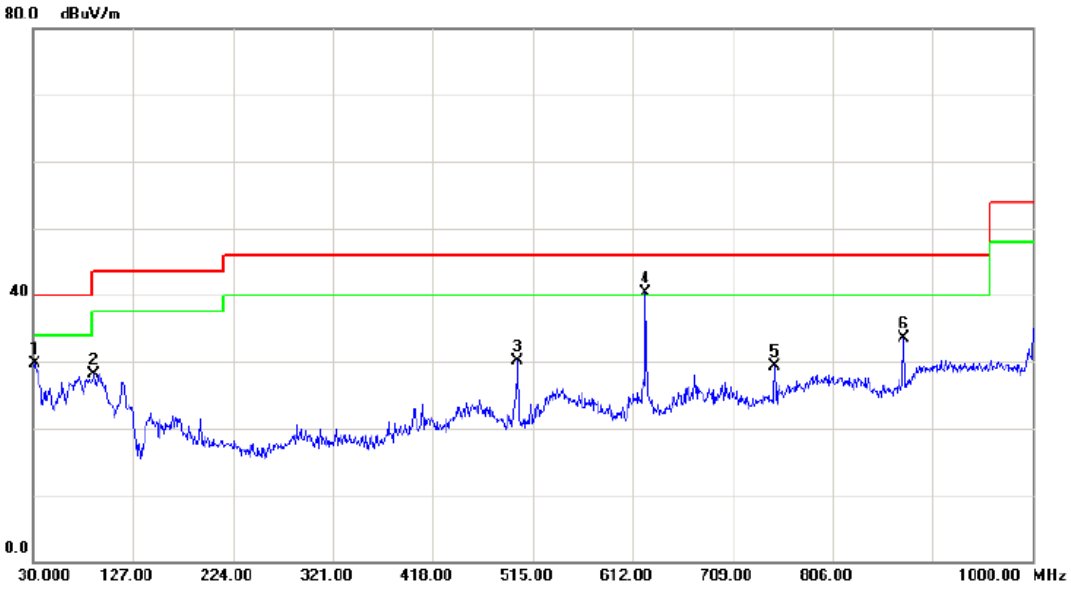
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		30.9700	46.45	-15.01	31.44	40.00	-8.56	peak	
2		94.0200	47.01	-16.85	30.16	43.50	-13.34	peak	
3		500.4500	40.71	-10.50	30.21	46.00	-15.79	peak	
4	*	624.6100	46.06	-7.06	39.00	46.00	-7.00	peak	
5		874.8700	33.37	-1.78	31.59	46.00	-14.41	peak	
6		1000.000	35.69	-0.54	35.15	54.00	-18.85	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Horizontal
Test Mode :	TX A Mode 5785MHz / Adapter: PA-1600-2A-LF / Dipole Antenna with external cable		



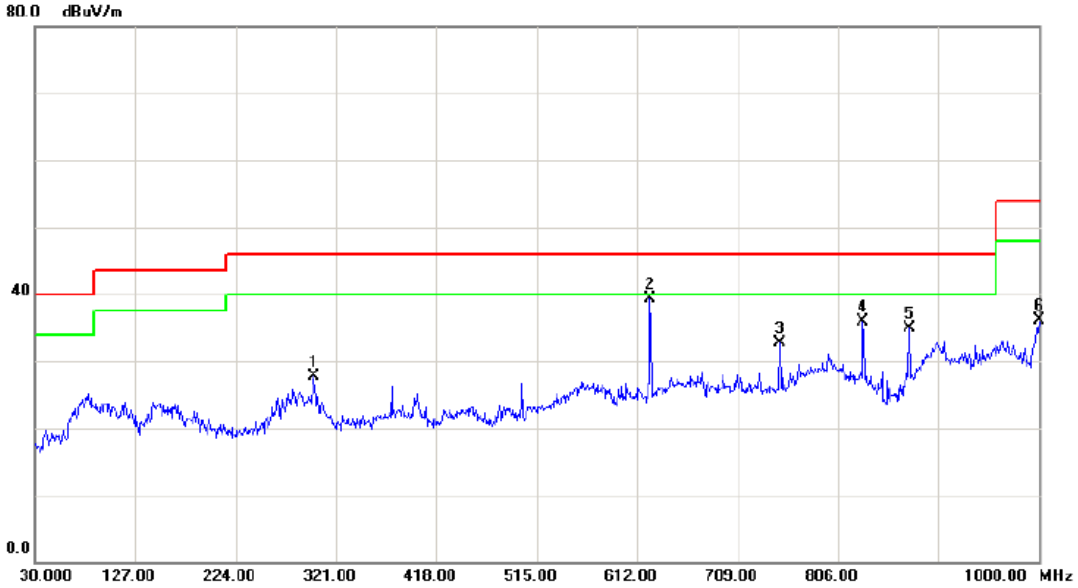
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		399.5700	37.76	-9.79	27.97	46.00	-18.03	peak	
2	*	624.6100	47.37	-7.06	40.31	46.00	-5.69	peak	
3		749.7400	37.99	-5.30	32.69	46.00	-13.31	peak	
4		830.2500	39.43	-3.15	36.28	46.00	-9.72	peak	
5		874.8700	36.24	-1.78	34.46	46.00	-11.54	peak	
6		1000.000	36.15	-0.54	35.61	54.00	-18.39	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Vertical
Test Mode :	TX A Mode 5825MHz / Adapter: PA-1600-2A-LF / Dipole Antenna with external cable		



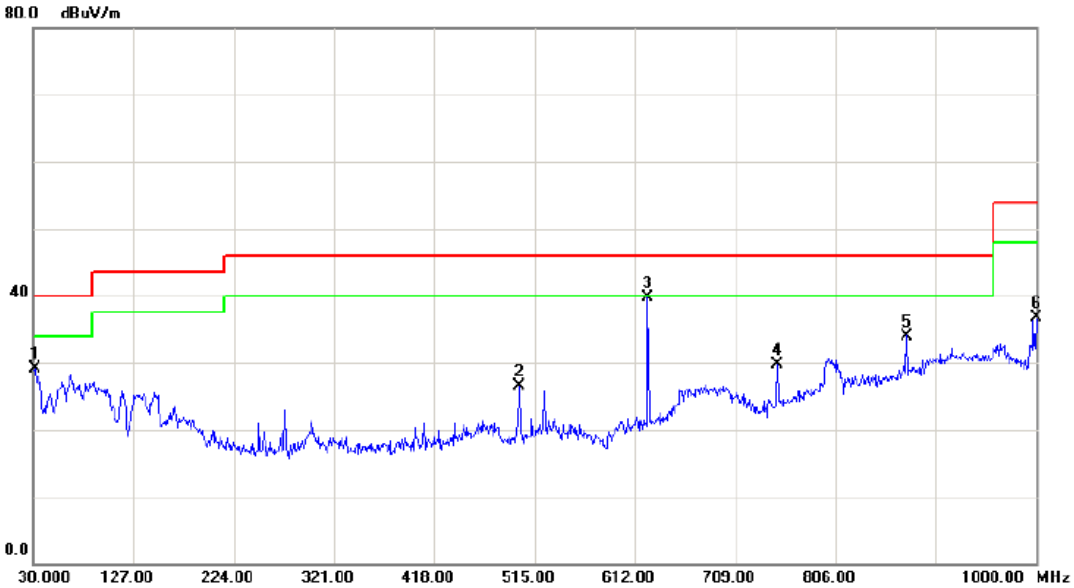
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		31.9400	44.49	-14.86	29.63	40.00	-10.37	peak	
2		89.1700	44.84	-16.80	28.04	43.50	-15.46	peak	
3		500.4500	40.57	-10.50	30.07	46.00	-15.93	peak	
4	*	624.6100	47.41	-7.06	40.35	46.00	-5.65	peak	
5		749.7400	34.63	-5.30	29.33	46.00	-16.67	peak	
6		874.8700	35.23	-1.78	33.45	46.00	-12.55	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Horizontal
Test Mode :	TX A Mode 5825MHz / Adapter: PA-1600-2A-LF / Dipole Antenna with external cable		



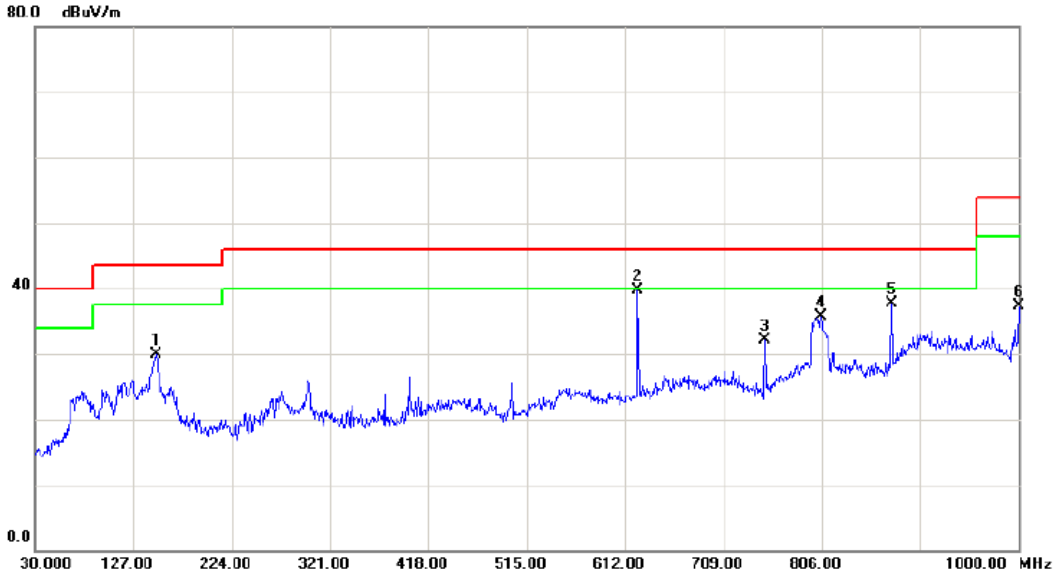
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		299.6600	38.72	-10.97	27.75	46.00	-18.25	peak	
2	*	624.6100	46.41	-7.06	39.35	46.00	-6.65	peak	
3		749.7400	38.03	-5.30	32.73	46.00	-13.27	peak	
4		830.2500	38.97	-3.15	35.82	46.00	-10.18	peak	
5		874.8700	36.78	-1.78	35.00	46.00	-11.00	peak	
6		1000.000	36.69	-0.54	36.15	54.00	-17.85	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Vertical
Test Mode :	TX A Mode 5745MHz / Adapter: EADP-60MB B / Dipole Antenna with external cable		



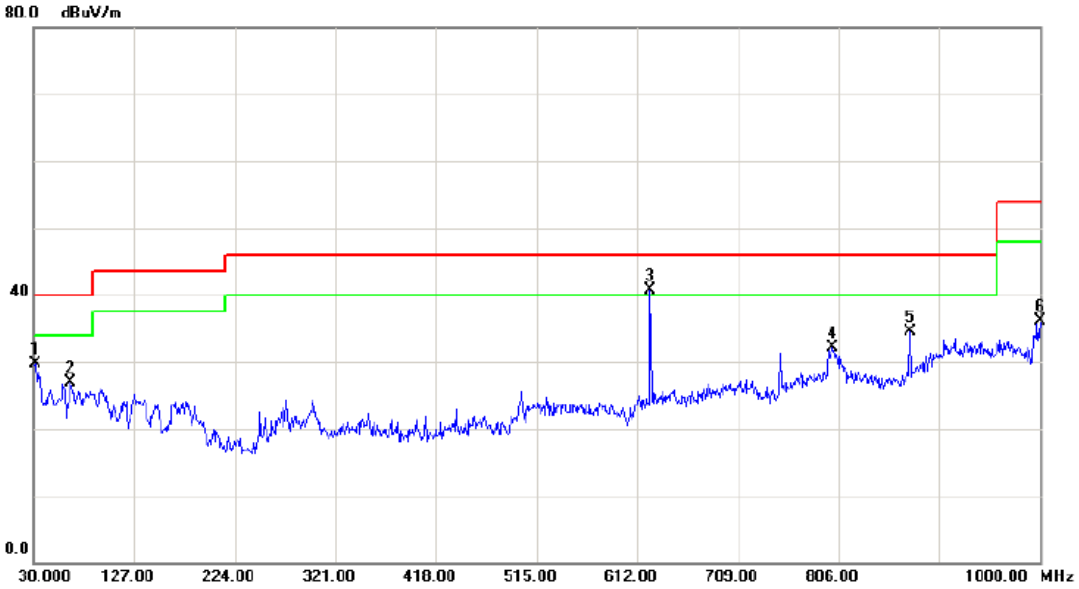
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		31.9400	44.03	-14.86	29.17	40.00	-10.83	peak	
2		500.4500	37.01	-10.50	26.51	46.00	-19.49	peak	
3	*	624.6100	46.85	-7.06	39.79	46.00	-6.21	peak	
4		749.7400	35.06	-5.30	29.76	46.00	-16.24	peak	
5		874.8700	35.78	-1.78	34.00	46.00	-12.00	peak	
6		1000.000	37.19	-0.54	36.65	54.00	-17.35	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Horizontal
Test Mode :	TX A Mode 5745MHz / Adapter: EADP-60MB B / Dipole Antenna with external cable		



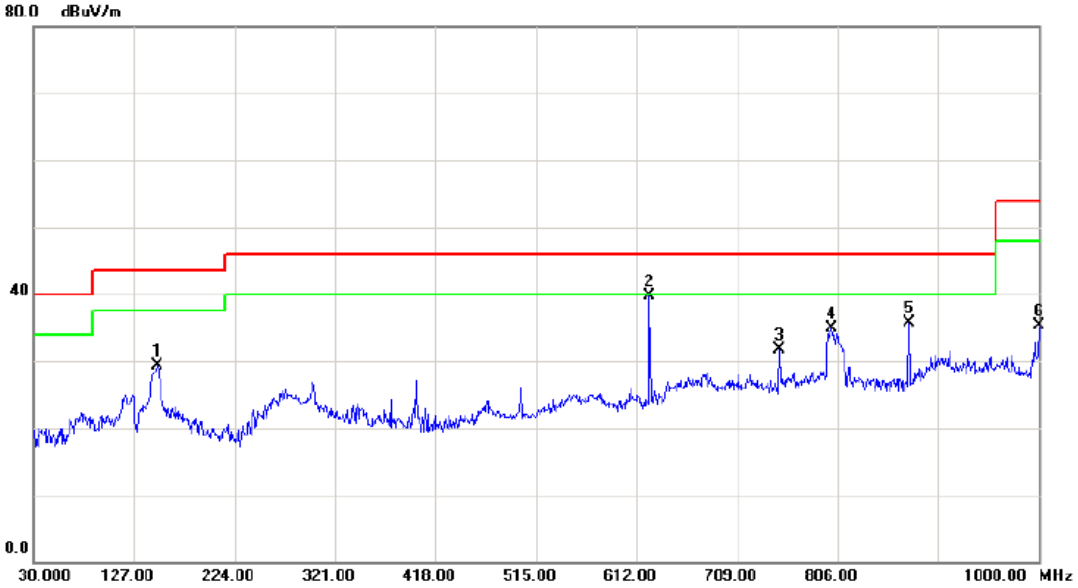
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		149.3100	43.43	-13.61	29.82	43.50	-13.68	peak	
2	*	624.6100	46.78	-7.06	39.72	46.00	-6.28	peak	
3		749.7400	37.47	-5.30	32.17	46.00	-13.83	peak	
4		805.0300	37.48	-1.87	35.61	46.00	-10.39	peak	
5		874.8700	39.53	-1.78	37.75	46.00	-8.25	peak	
6		1000.000	37.89	-0.54	37.35	54.00	-16.65	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Vertical
Test Mode :	TX A Mode 5785MHz / Adapter: EADP-60MB B / Dipole Antenna with external cable		



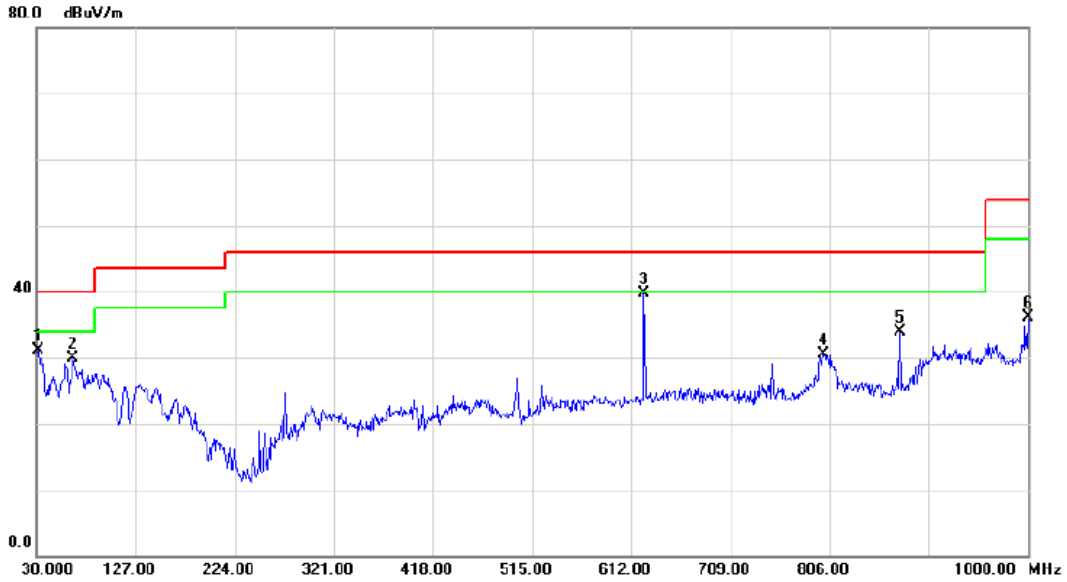
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		31.9400	44.53	-14.86	29.67	40.00	-10.33	peak	
2		65.8900	42.19	-15.25	26.94	40.00	-13.06	peak	
3	*	624.6100	47.85	-7.06	40.79	46.00	-5.21	peak	
4		800.1800	33.81	-1.62	32.19	46.00	-13.81	peak	
5		874.8700	36.28	-1.78	34.50	46.00	-11.50	peak	
6		1000.000	36.69	-0.54	36.15	54.00	-17.85	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Horizontal
Test Mode :	TX A Mode 5785MHz / Adapter: EADP-60MB B / Dipole Antenna with external cable		



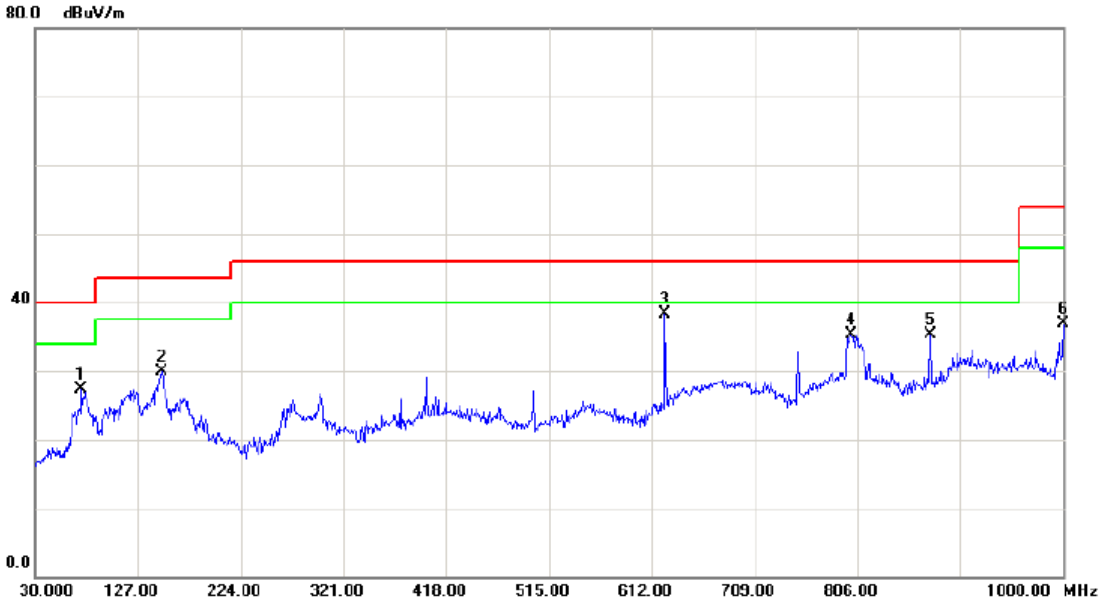
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		149.3100	42.93	-13.61	29.32	43.50	-14.18	peak	
2	*	624.6100	46.78	-7.06	39.72	46.00	-6.28	peak	
3		749.7400	36.97	-5.30	31.67	46.00	-14.33	peak	
4		800.1800	36.51	-1.62	34.89	46.00	-11.11	peak	
5		874.8700	37.53	-1.78	35.75	46.00	-10.25	peak	
6		1000.000	35.89	-0.54	35.35	54.00	-18.65	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Vertical
Test Mode :	TX A Mode 5825MHz / Adapter: EADP-60MB B / Dipole Antenna with external cable		



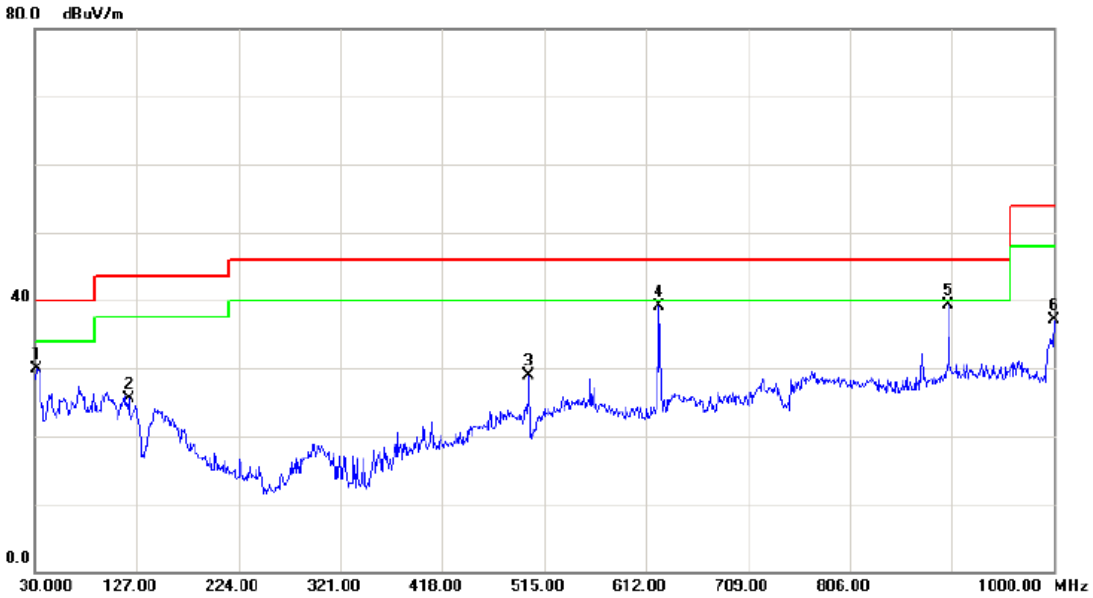
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		31.9400	45.92	-14.86	31.06	40.00	-8.94	peak	
2		65.8900	45.09	-15.25	29.84	40.00	-10.16	peak	
3	*	624.6100	46.75	-7.06	39.69	46.00	-6.31	peak	
4		800.1800	32.21	-1.62	30.59	46.00	-15.41	peak	
5		874.8700	35.68	-1.78	33.90	46.00	-12.10	peak	
6		1000.000	36.58	-0.54	36.04	54.00	-17.96	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Horizontal
Test Mode :	TX A Mode 5825MHz / Adapter: EADP-60MB B / Dipole Antenna with external cable		



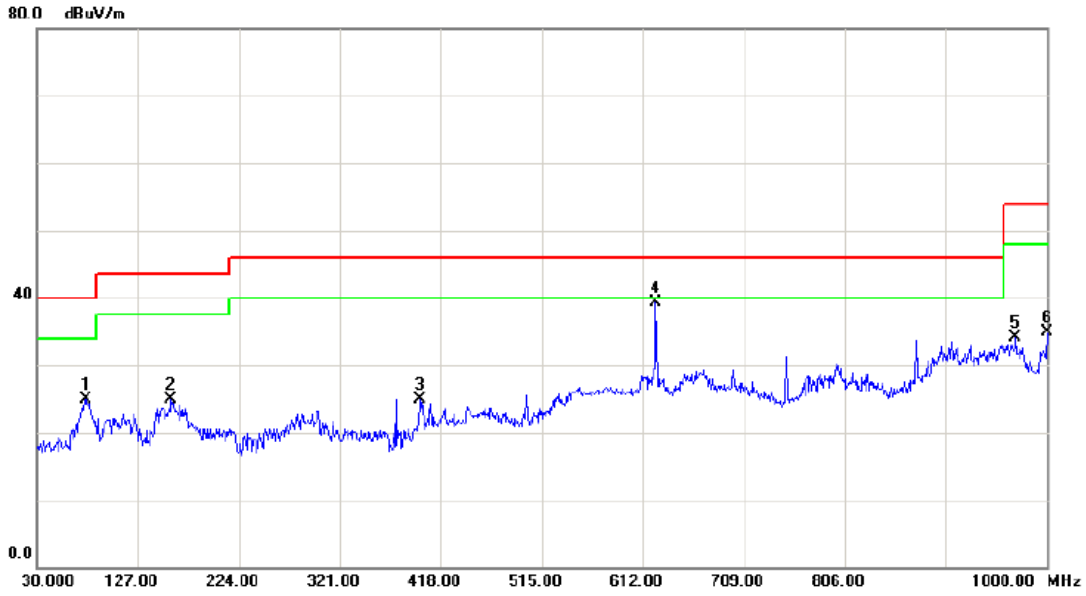
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		73.6500	43.14	-15.83	27.31	40.00	-12.69	peak	
2		149.3100	43.43	-13.61	29.82	43.50	-13.68	peak	
3	*	624.6100	45.28	-7.06	38.22	46.00	-7.78	peak	
4		800.1800	37.01	-1.62	35.39	46.00	-10.61	peak	
5		874.8700	37.03	-1.78	35.25	46.00	-10.75	peak	
6		1000.000	37.39	-0.54	36.85	54.00	-17.15	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Vertical
Test Mode :	TX A Mode 5745MHz / POE / Integral Antenna		



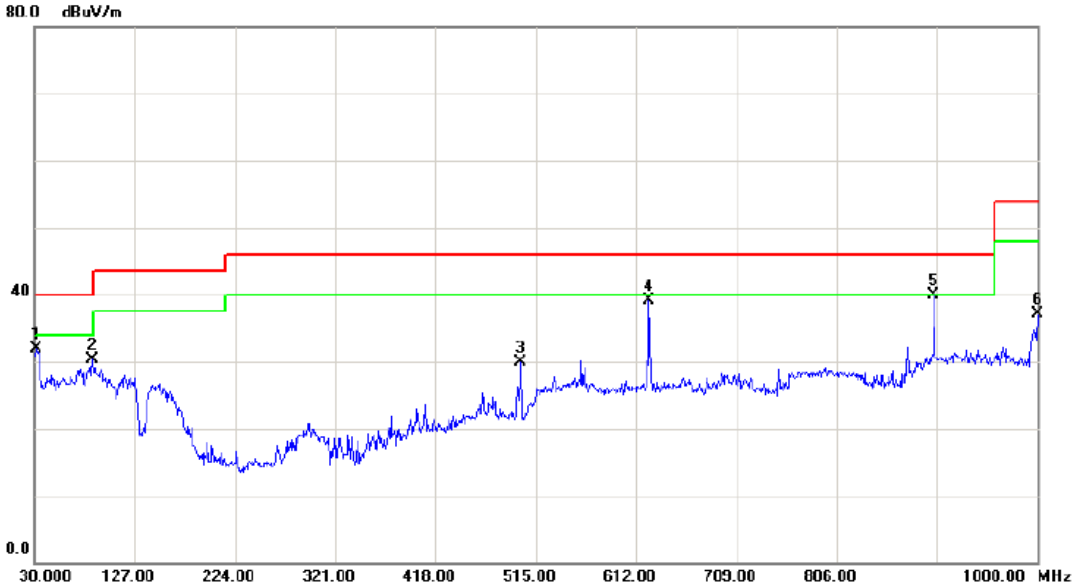
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		31.9400	44.69	-14.86	29.83	40.00	-10.17	peak	
2		119.2400	39.44	-13.98	25.46	43.50	-18.04	peak	
3		500.4500	39.34	-10.50	28.84	46.00	-17.16	peak	
4		624.6100	46.20	-7.06	39.14	46.00	-6.86	peak	
5	*	900.0900	38.69	0.63	39.32	46.00	-6.68	peak	
6		1000.000	37.63	-0.54	37.09	54.00	-16.91	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Horizontal
Test Mode :	TX A Mode 5745MHz / POE / Integral Antenna		



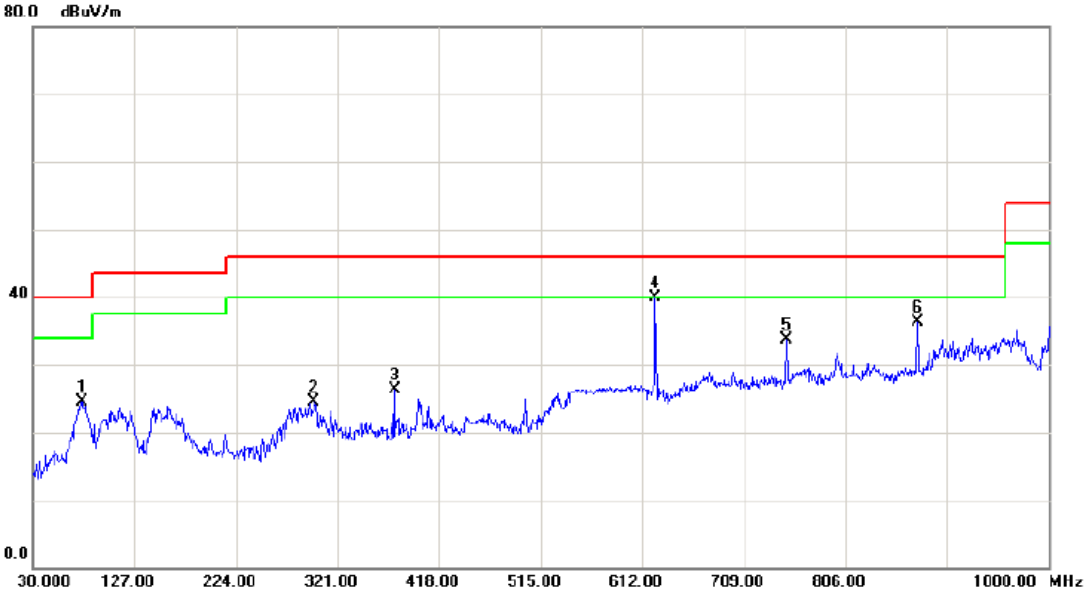
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		76.5600	41.01	-16.06	24.95	40.00	-15.05	peak	
2		159.0100	37.82	-12.83	24.99	43.50	-18.51	peak	
3		397.6300	34.85	-9.86	24.99	46.00	-21.01	peak	
4	*	624.6100	46.37	-7.06	39.31	46.00	-6.69	peak	
5		969.9300	34.70	-0.54	34.16	54.00	-19.84	peak	
6		1000.000	35.50	-0.54	34.96	54.00	-19.04	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Vertical
Test Mode :	TX A Mode 5785MHz / POE / Integral Antenna		



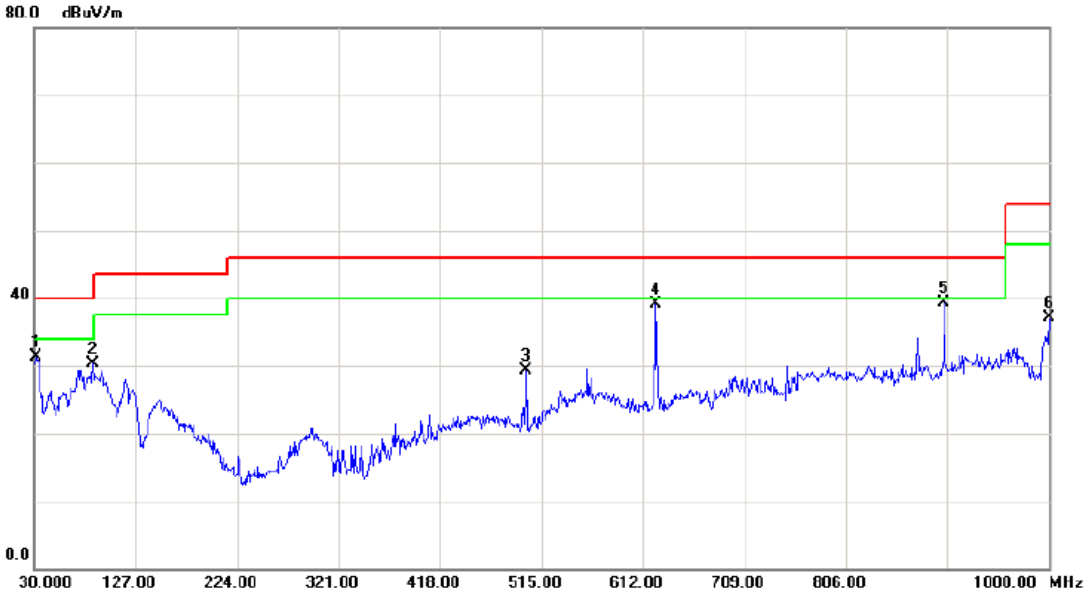
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		31.9400	46.69	-14.86	31.83	40.00	-8.17	peak	
2		86.2600	47.04	-16.78	30.26	40.00	-9.74	peak	
3		500.4500	40.34	-10.50	29.84	46.00	-16.16	peak	
4		624.6100	46.20	-7.06	39.14	46.00	-6.86	peak	
5	*	900.0900	39.19	0.63	39.82	46.00	-6.18	peak	
6		1000.000	37.63	-0.54	37.09	54.00	-16.91	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Horizontal
Test Mode :	TX A Mode 5785MHz / POE / Integral Antenna		



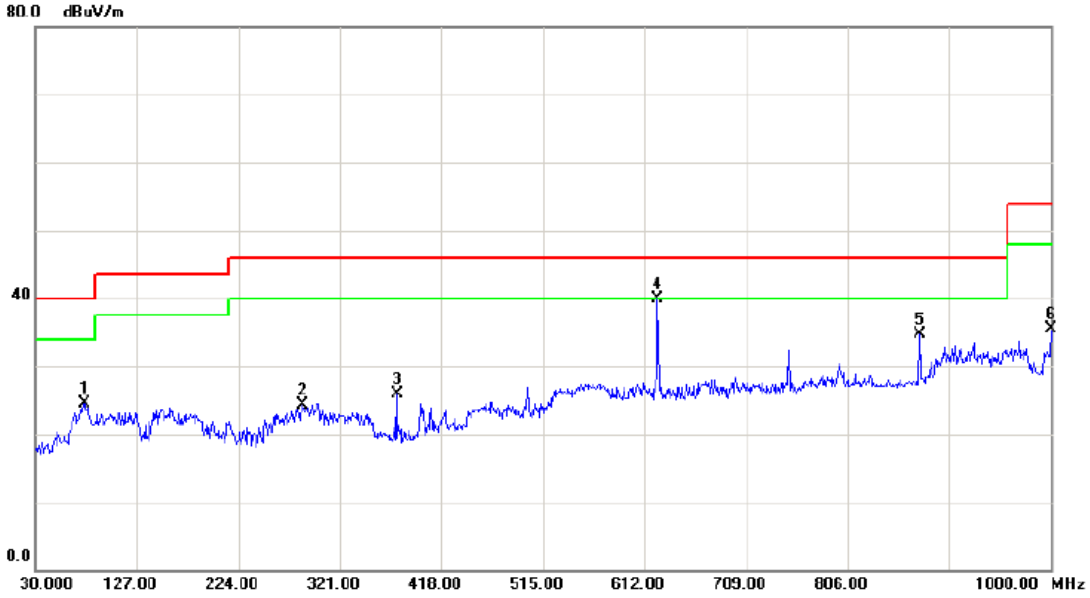
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		76.5600	40.51	-16.06	24.45	40.00	-15.55	peak	
2		298.6900	35.58	-11.05	24.53	46.00	-21.47	peak	
3		375.3200	36.89	-10.56	26.33	46.00	-19.67	peak	
4	*	624.6100	46.87	-7.06	39.81	46.00	-6.19	peak	
5		749.7400	39.02	-5.30	33.72	46.00	-12.28	peak	
6		874.8700	38.01	-1.78	36.23	46.00	-9.77	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Vertical
Test Mode :	TX A Mode 5825MHz / POE / Integral Antenna		



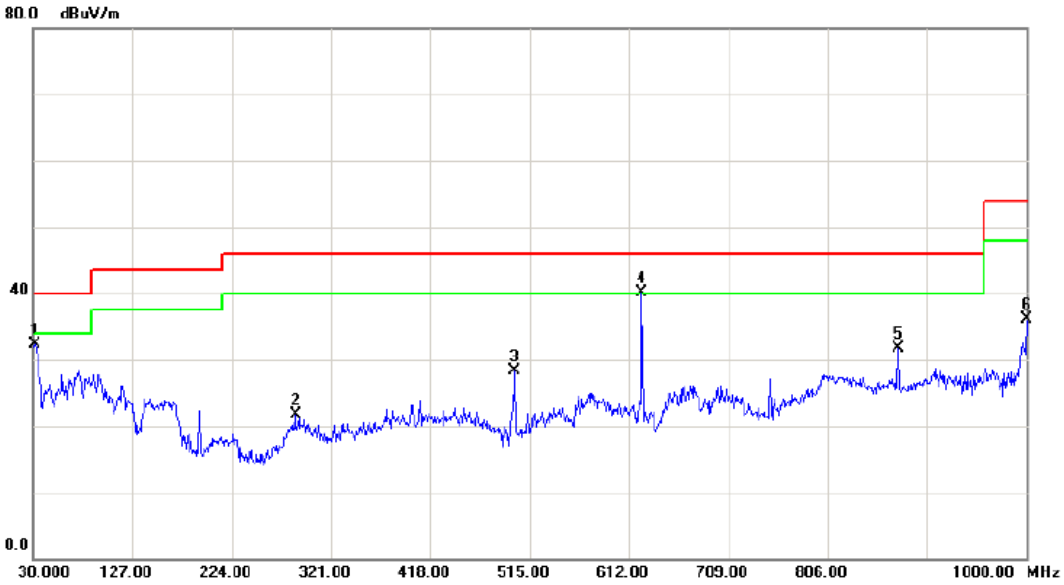
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		31.9400	46.19	-14.86	31.33	40.00	-8.67	peak	
2		86.2600	47.04	-16.78	30.26	40.00	-9.74	peak	
3		500.4500	39.84	-10.50	29.34	46.00	-16.66	peak	
4		624.6100	46.20	-7.06	39.14	46.00	-6.86	peak	
5	*	900.0900	38.69	0.63	39.32	46.00	-6.68	peak	
6		1000.000	37.63	-0.54	37.09	54.00	-16.91	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Horizontal
Test Mode :	TX A Mode 5825MHz / POE / Integral Antenna		



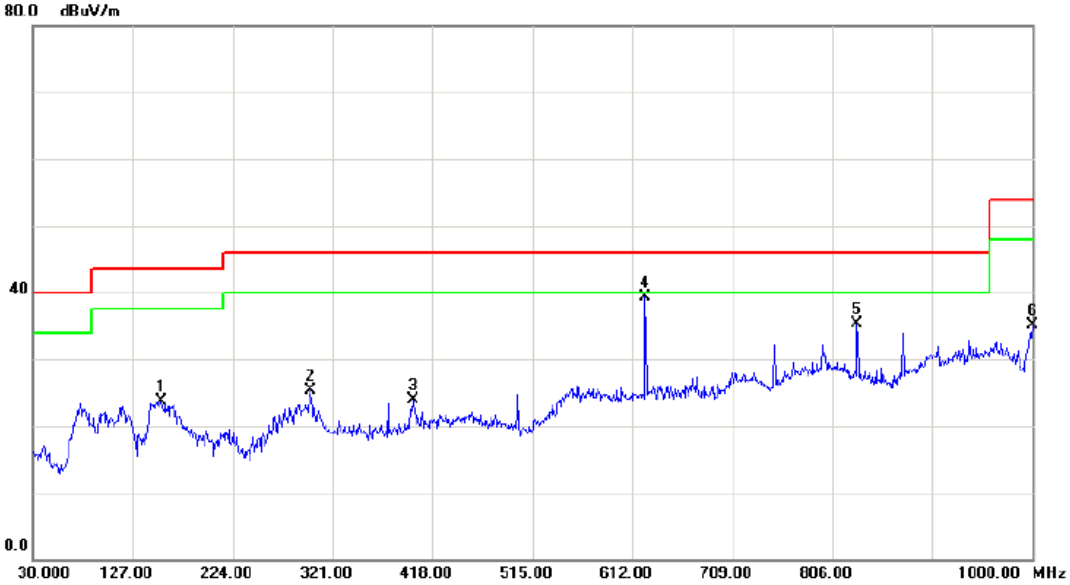
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		76.5600	40.51	-16.06	24.45	40.00	-15.55	peak	
2		285.1100	36.40	-12.11	24.29	46.00	-21.71	peak	
3		375.3200	36.39	-10.56	25.83	46.00	-20.17	peak	
4	*	624.6100	46.87	-7.06	39.81	46.00	-6.19	peak	
5		874.8700	36.51	-1.78	34.73	46.00	-11.27	peak	
6		1000.000	36.00	-0.54	35.46	54.00	-18.54	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Vertical
Test Mode :	TX A Mode 5745MHz / POE / Dipoe Antenna with external cable		



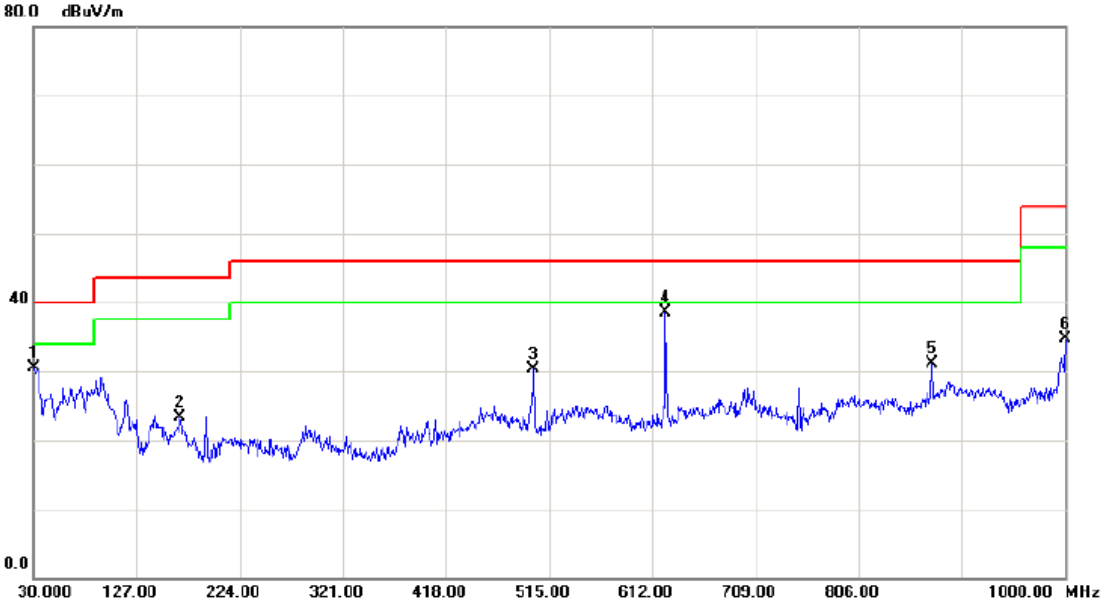
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		31.9400	47.17	-14.86	32.31	40.00	-7.69	peak	
2		286.0800	33.74	-12.03	21.71	46.00	-24.29	peak	
3		500.4500	38.75	-10.50	28.25	46.00	-17.75	peak	
4	*	624.6100	47.10	-7.06	40.04	46.00	-5.96	peak	
5		874.8700	33.41	-1.78	31.63	46.00	-14.37	peak	
6		1000.000	36.73	-0.54	36.19	54.00	-17.81	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Horizontal
Test Mode :	TX A Mode 5745MHz / POE / Dipoe Antenna with external cable		



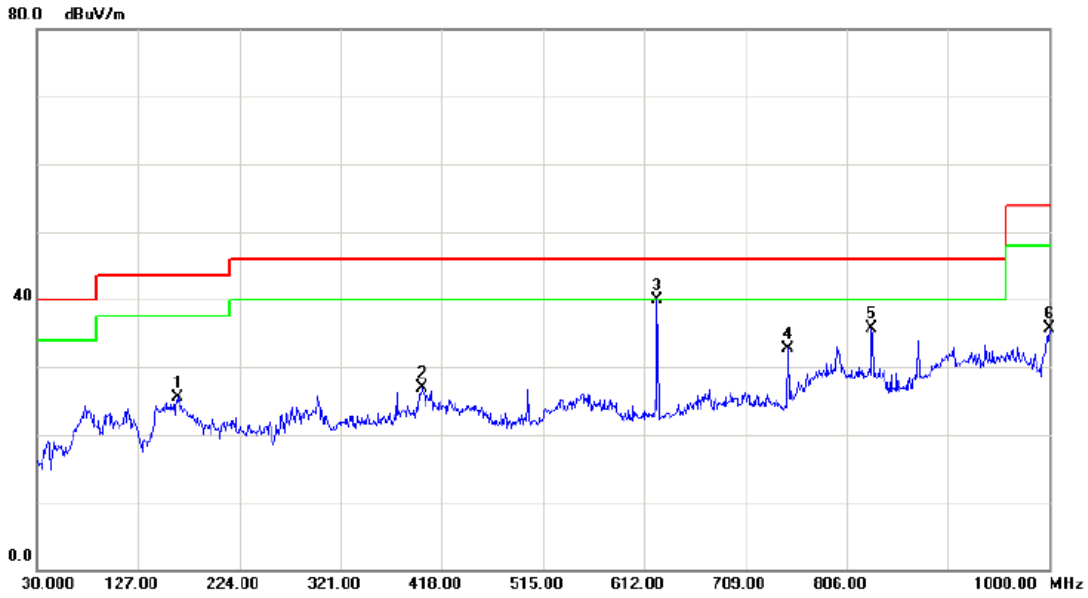
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		155.1300	36.93	-13.13	23.80	43.50	-19.70	peak	
2		299.6600	36.18	-10.97	25.21	46.00	-20.79	peak	
3		399.5700	33.76	-9.79	23.97	46.00	-22.03	peak	
4	*	624.6100	46.37	-7.06	39.31	46.00	-6.69	peak	
5		830.2500	38.43	-3.15	35.28	46.00	-10.72	peak	
6		1000.000	35.65	-0.54	35.11	54.00	-18.89	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Vertical
Test Mode :	TX A Mode 5785MHz / POE / Dipoe Antenna with external cable		



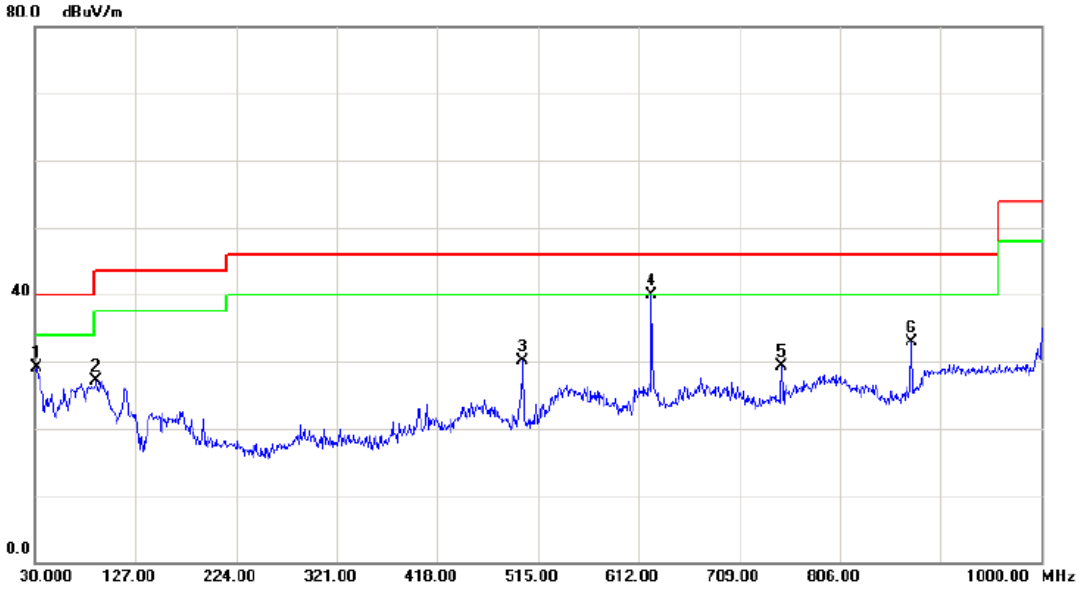
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		30.9700	45.45	-15.01	30.44	40.00	-9.56	peak	
2		167.7400	36.04	-12.81	23.23	43.50	-20.27	peak	
3		500.4500	40.71	-10.50	30.21	46.00	-15.79	peak	
4	*	624.6100	45.56	-7.06	38.50	46.00	-7.50	peak	
5		874.8700	32.87	-1.78	31.09	46.00	-14.91	peak	
6		1000.000	35.19	-0.54	34.65	54.00	-19.35	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Horizontal
Test Mode :	TX A Mode 5785MHz / POE / Dipoe Antenna with external cable		



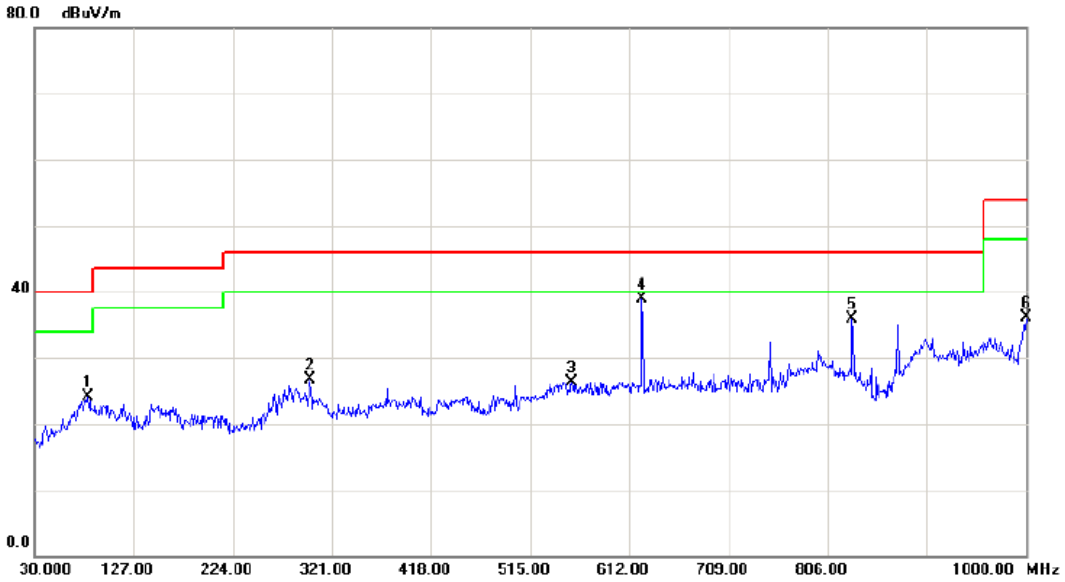
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		164.8300	38.21	-12.79	25.42	43.50	-18.08	peak	
2		399.5700	36.76	-9.79	26.97	46.00	-19.03	peak	
3	*	624.6100	46.87	-7.06	39.81	46.00	-6.19	peak	
4		749.7400	37.99	-5.30	32.69	46.00	-13.31	peak	
5		830.2500	38.93	-3.15	35.78	46.00	-10.22	peak	
6		1000.000	36.15	-0.54	35.61	54.00	-18.39	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Vertical
Test Mode :	TX A Mode 5825MHz / POE / Dipoe Antenna with external cable		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		31.9400	43.99	-14.86	29.13	40.00	-10.87	peak	
2		89.1700	43.84	-16.80	27.04	43.50	-16.46	peak	
3		500.4500	40.57	-10.50	30.07	46.00	-15.93	peak	
4	*	624.6100	46.91	-7.06	39.85	46.00	-6.15	peak	
5		749.7400	34.63	-5.30	29.33	46.00	-16.67	peak	
6		874.8700	34.73	-1.78	32.95	46.00	-13.05	peak	

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25℃	Relative Humidity:	58 %
Test Voltage :	AC 120V/60Hz	Phase:	Horizontal
Test Mode :	TX A Mode 5825MHz / POE / Dipoe Antenna with external cable		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		82.3800	40.78	-16.63	24.15	40.00	-15.85	peak	
2		299.6600	37.72	-10.97	26.75	46.00	-19.25	peak	
3		555.7400	32.51	-6.12	26.39	46.00	-19.61	peak	
4	*	624.6100	45.91	-7.06	38.85	46.00	-7.15	peak	
5		830.2500	38.97	-3.15	35.82	46.00	-10.18	peak	
6		1000.000	36.69	-0.54	36.15	54.00	-17.85	peak	

4.2.8 TEST RESULTS (ABOVE 1000 MHZ)

EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX A Mode 5745MHz / Integral Antenna		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
#5725.00	V	14.46	5.57	44.34	58.80	49.91	80.27	72.49	X/E
5748.20	**V**	**55.85**	**48.07**	**44.42**	**100.27**	**92.49**			**X/F**
11493.15	V	39.14	27.47	18.47	57.61	45.94	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

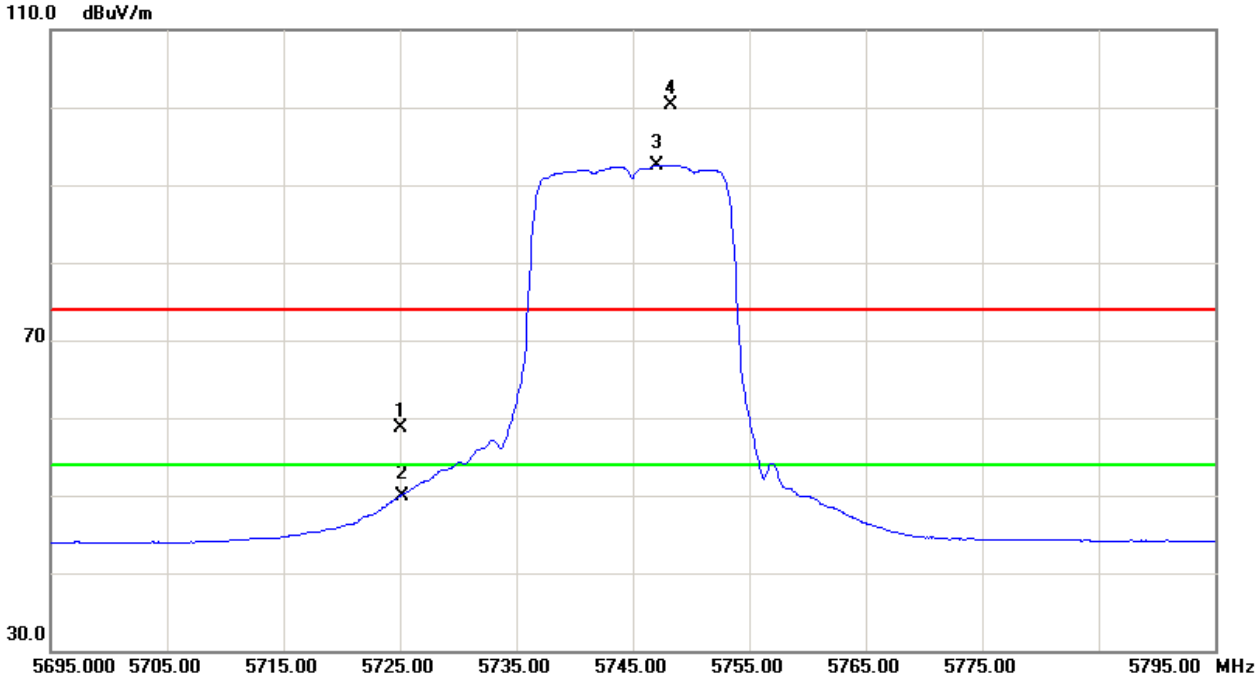
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

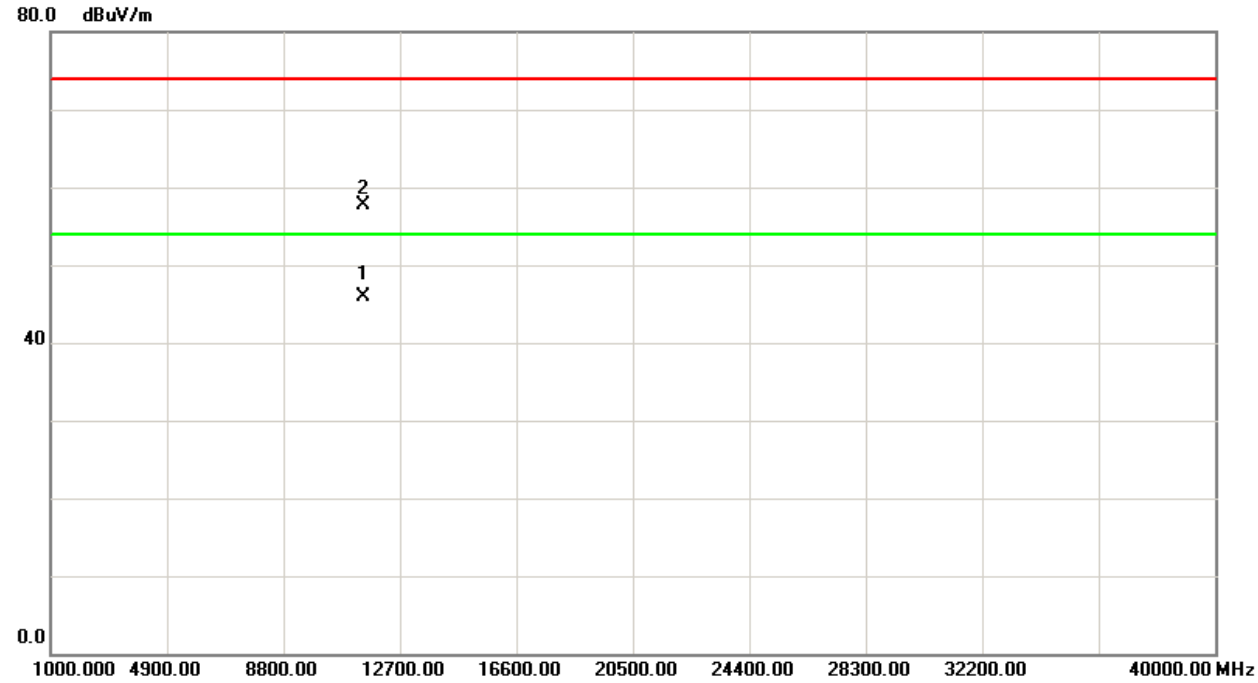
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH149 (Above 1000 MHz, Vertical)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX A Mode 5745MHz / Integral Antenna		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
# 5725.00	H	29.32	17.23	44.34	73.66	61.57	89.36	81.01	X/E
5748.10	**H**	**64.94**	**56.59**	**44.42**	**109.36**	**101.01**			**X/F**
11483.91	H	38.79	27.76	18.44	57.23	46.20	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

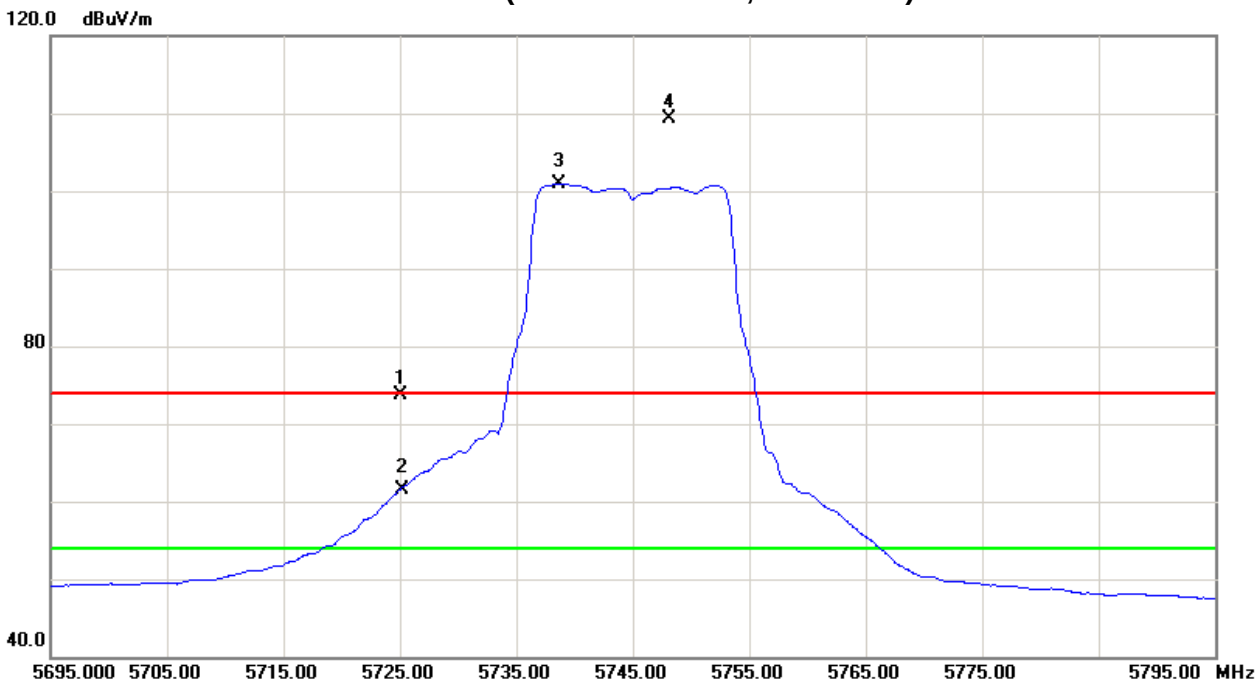
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

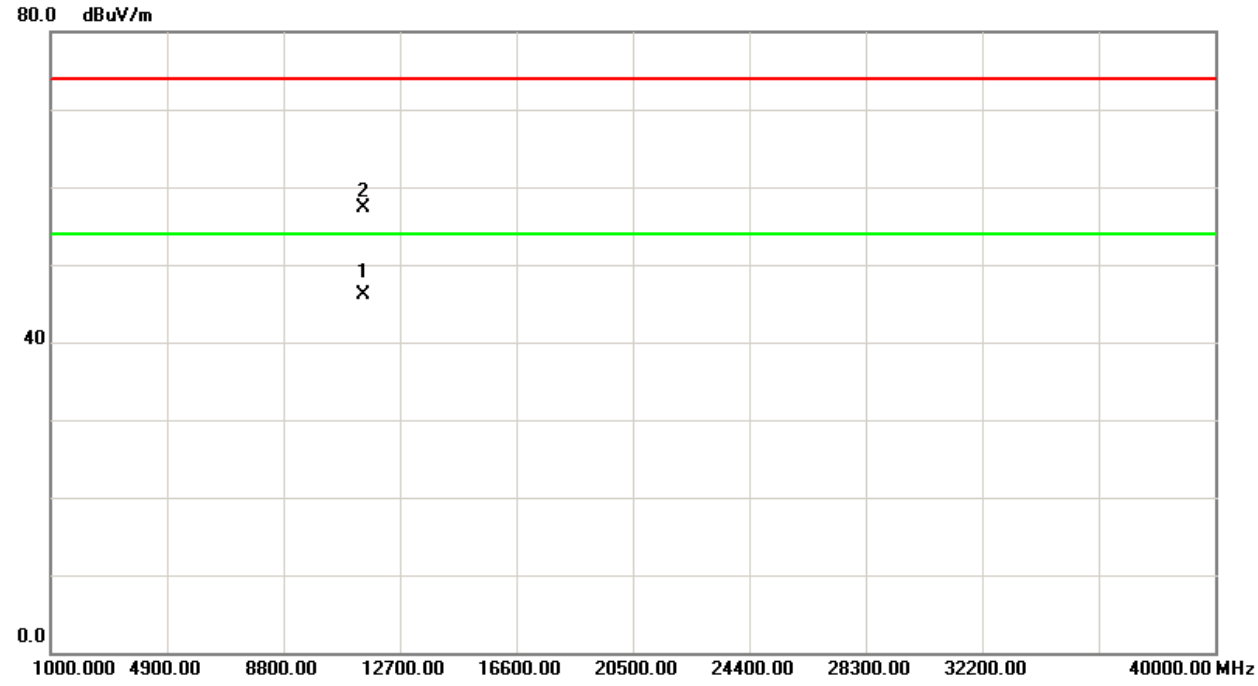
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH149 (Above 1000 MHz, Horizontal)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX A Mode 5785MHz / Integral Antenna		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
5780.50	**V**	**56.03**	**48.46**	**44.54**	**100.57**	**93.00**			**X/F**
11573.24	V	39.21	27.48	18.67	57.88	46.15	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

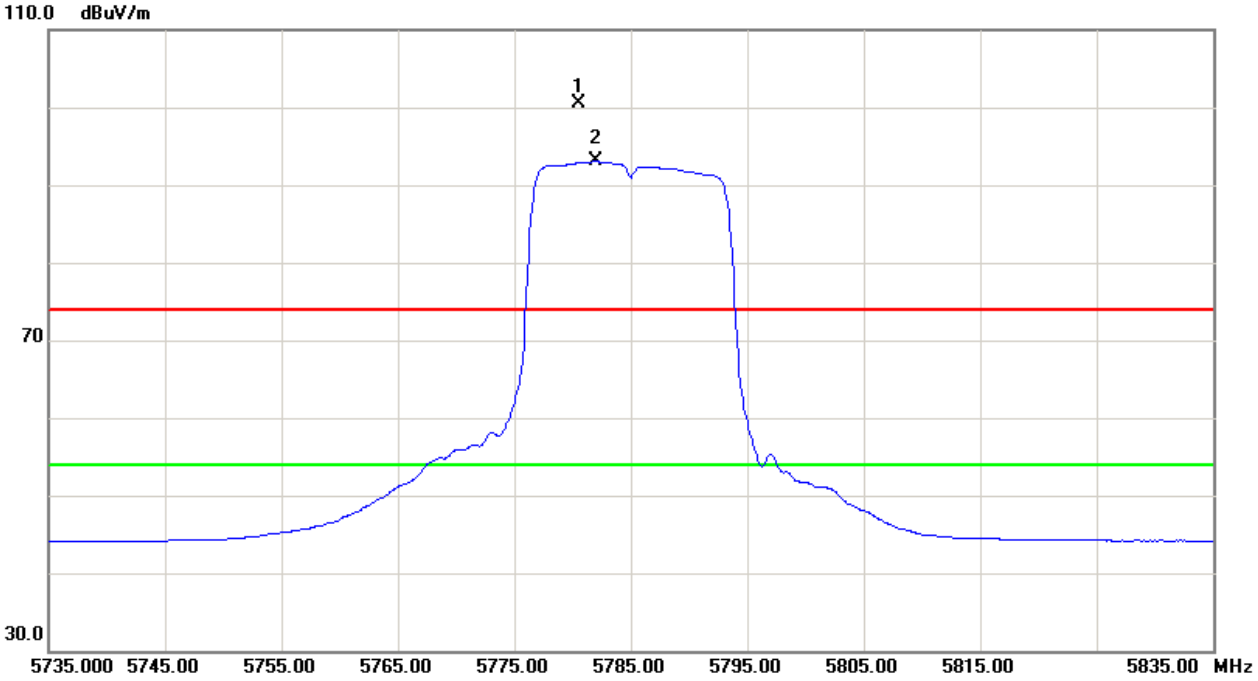
(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

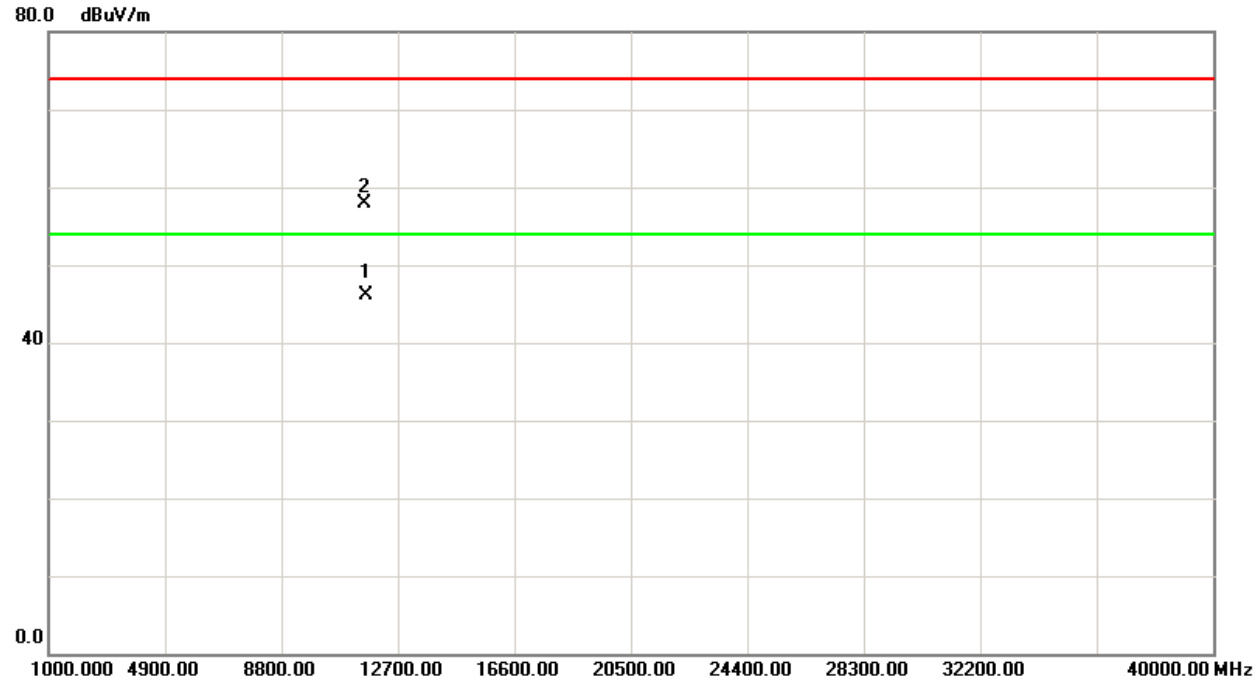
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

TX CH157 (Above 1000 MHz, Vertical)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX A Mode 5785MHz / Integral Antenna		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
5781.10	**H**	**64.13**	**56.44**	**44.54**	**108.67**	**100.98**			**X/F**
11569.17	H	38.74	27.47	18.67	57.41	46.14	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

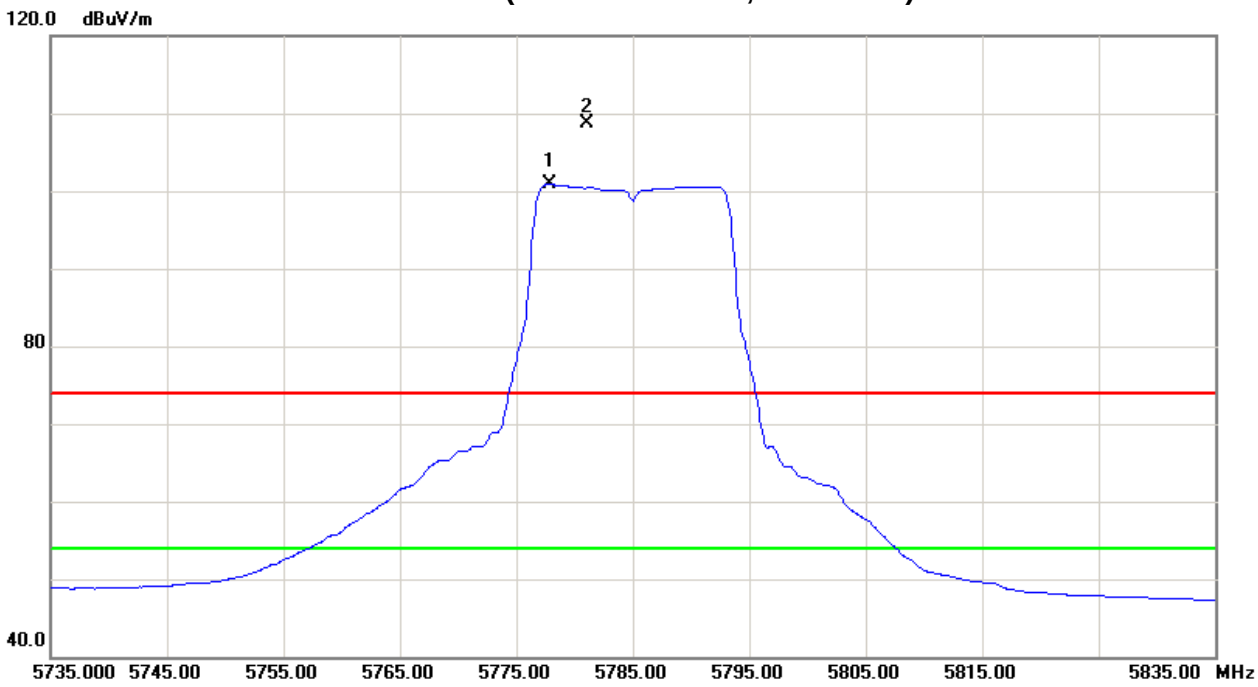
(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

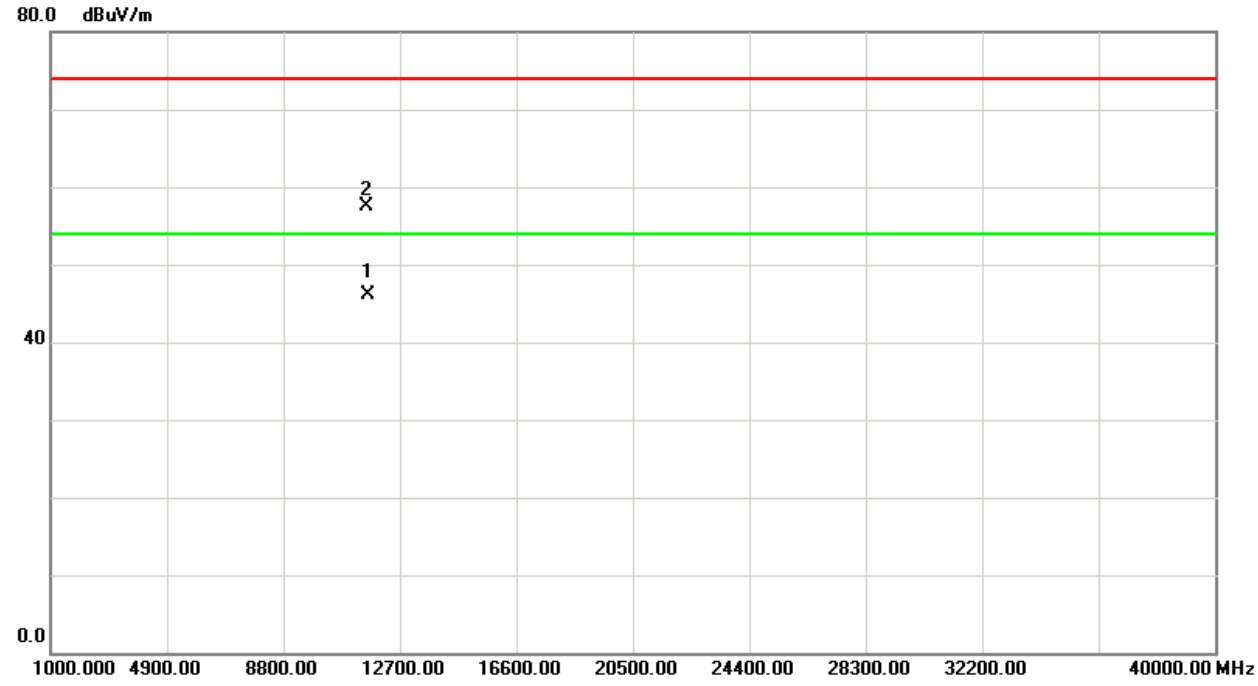
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

TX CH157 (Above 1000 MHz, Horizontal)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX A Mode 5825MHz / Integral Antenna		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
5828.30	**V**	**54.93**	**47.81**	**44.70**	**99.63**	**92.51**			**X/F**
#5850.00	V	8.70	1.02	44.78	53.48	45.80	79.63	72.51	X/E
11654.35	V	39.17	27.67	18.87	58.04	46.54	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

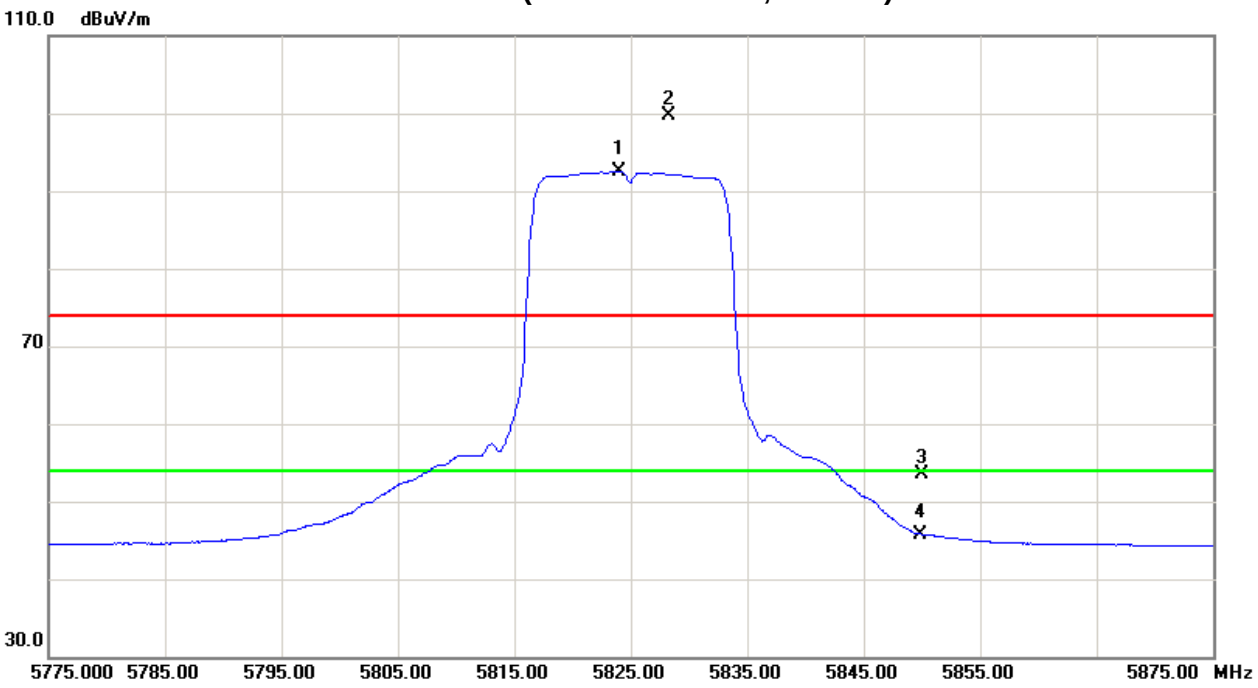
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

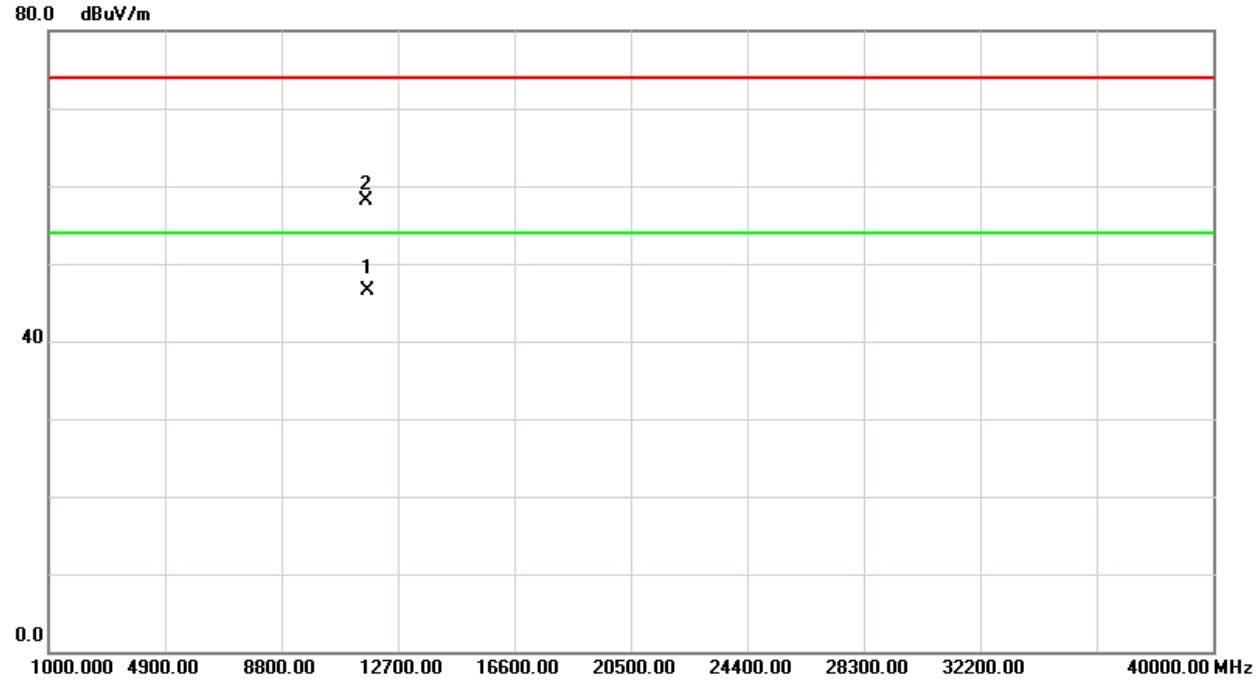
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH165 (Above 1000 MHz, Vertical)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX A Mode 5825MHz / Integral Antenna		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
5824.50	**H**	**64.09**	**56.64**	**44.69**	**108.78**	**101.33**			**X/F**
#5850.00	H	19.91	9.20	44.78	64.69	53.98	88.78	81.33	X/E
11652.44	H	38.54	27.31	18.87	57.41	46.18	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

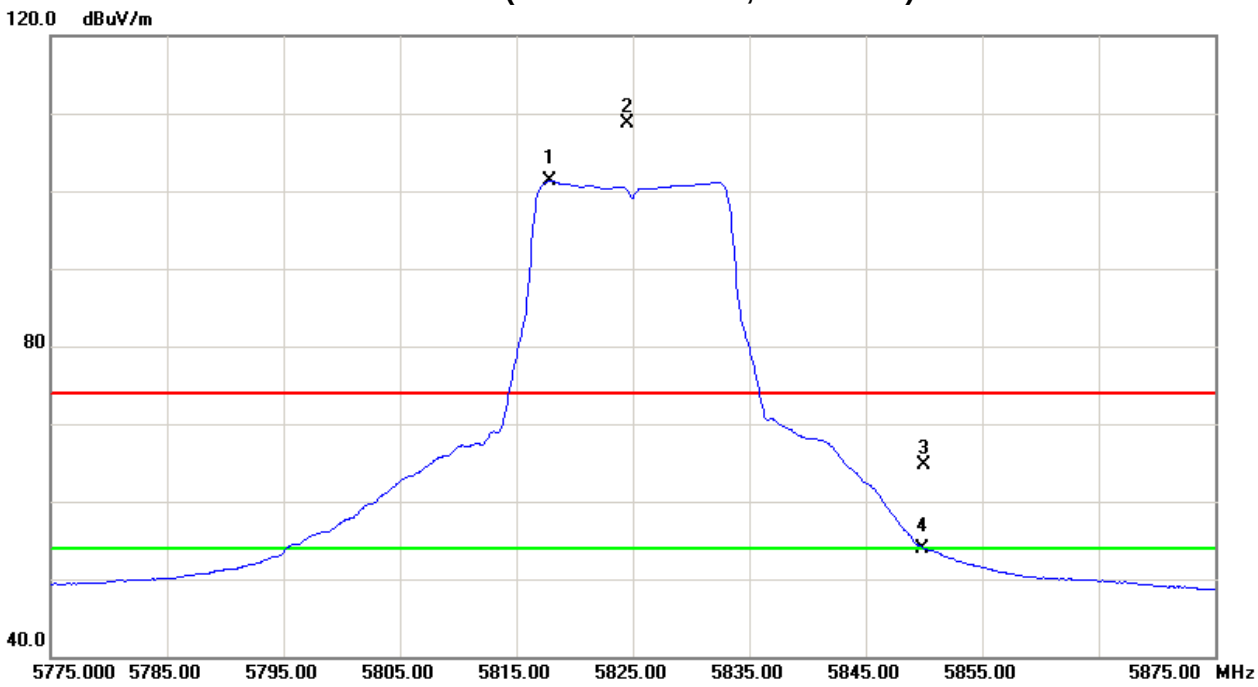
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

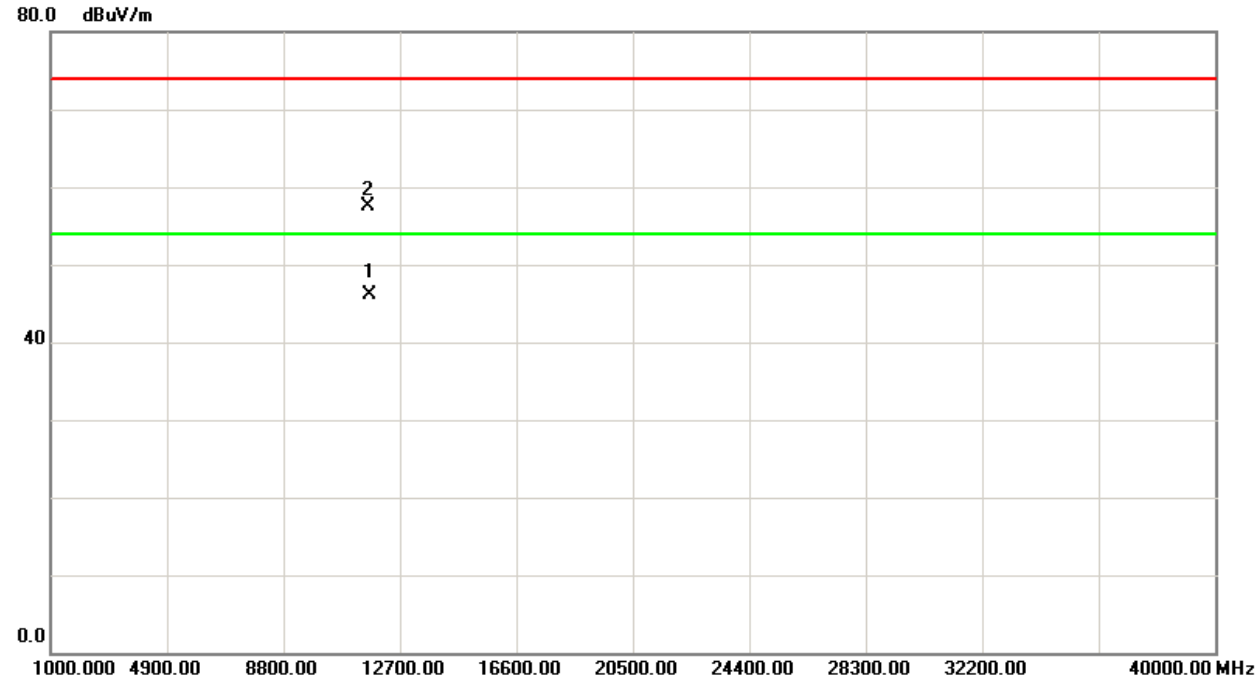
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH165 (Above 1000 MHz, Horizontal)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N20 Mode 5745MHz / Integral Antenna		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
# 5725.00	V	12.94	4.20	44.34	57.28	48.54	79.22	69.90	X/E
5747.50	**V**	**54.80**	**45.48**	**44.42**	**99.22**	**89.90**			**X/F**
11492.32	V	39.48	27.75	18.47	57.95	46.22	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

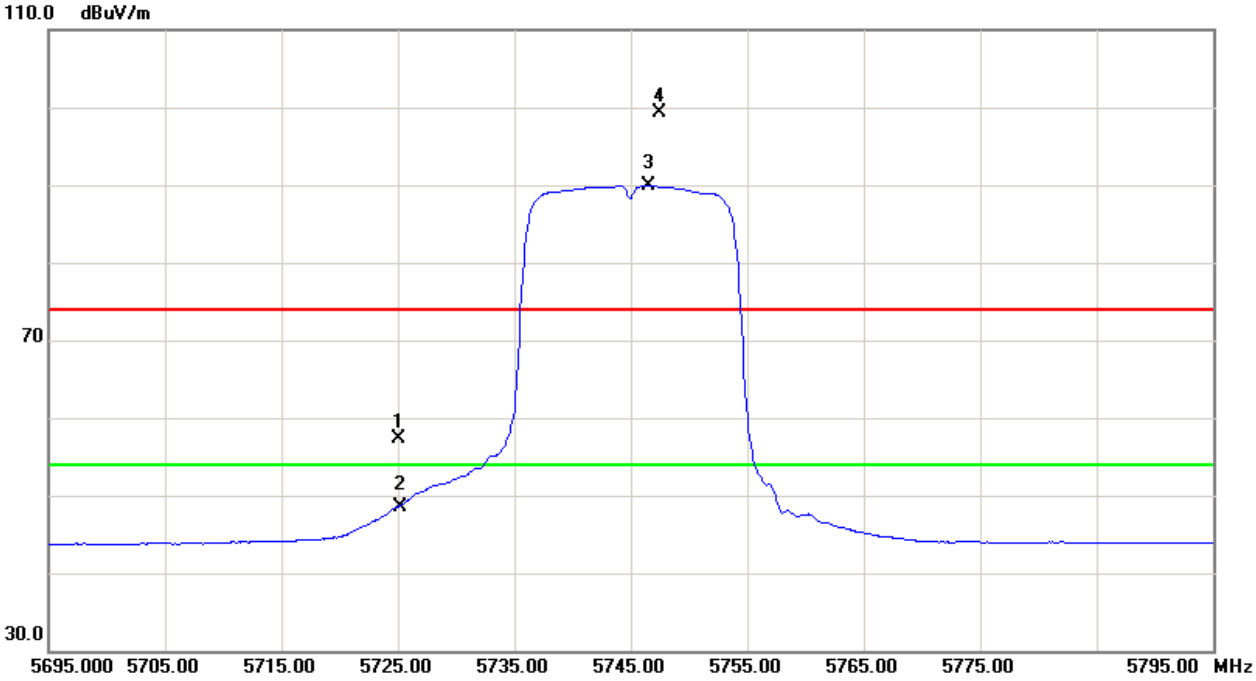
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

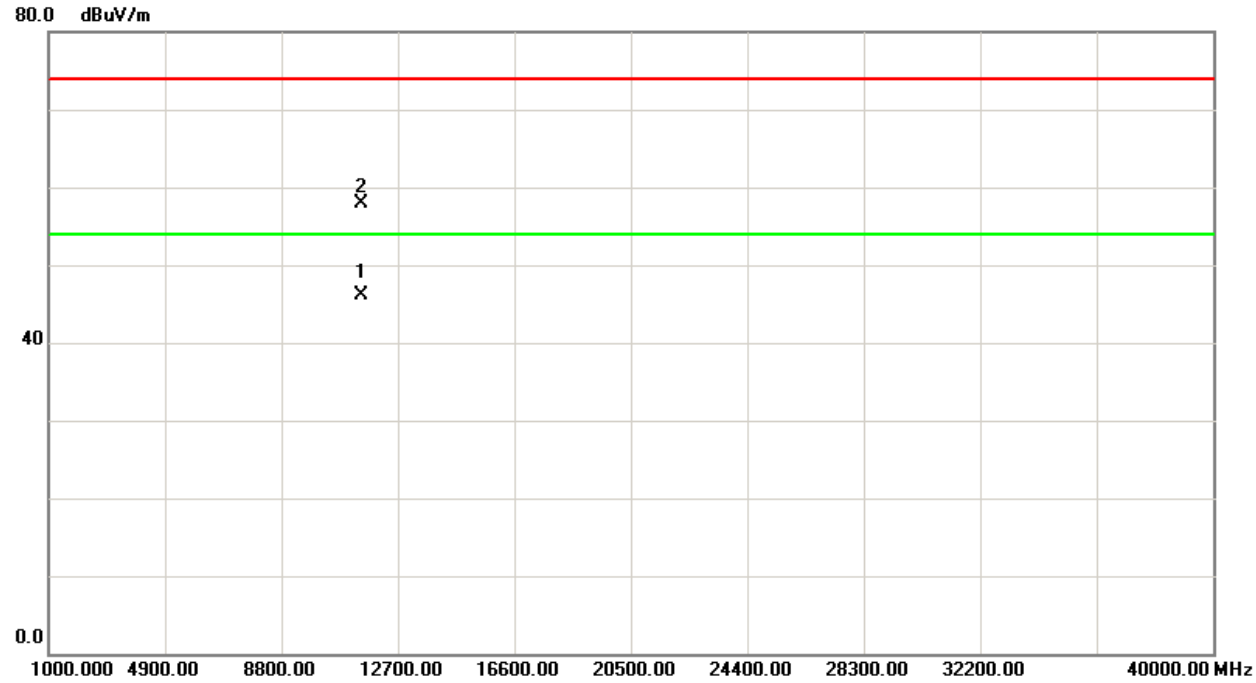
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH149 (Above 1000 MHz, Vertical)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N20 Mode 5745MHz / Integral Antenna		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
# 5725.00	H	24.34	44.34	44.34	68.68	88.68	89.11	79.70	X/E
5750.70	**H**	**64.67**	**55.26**	**44.44**	**109.11**	**99.70**			**X/F**
11503.26	H	38.64	27.45	18.49	57.13	45.94	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

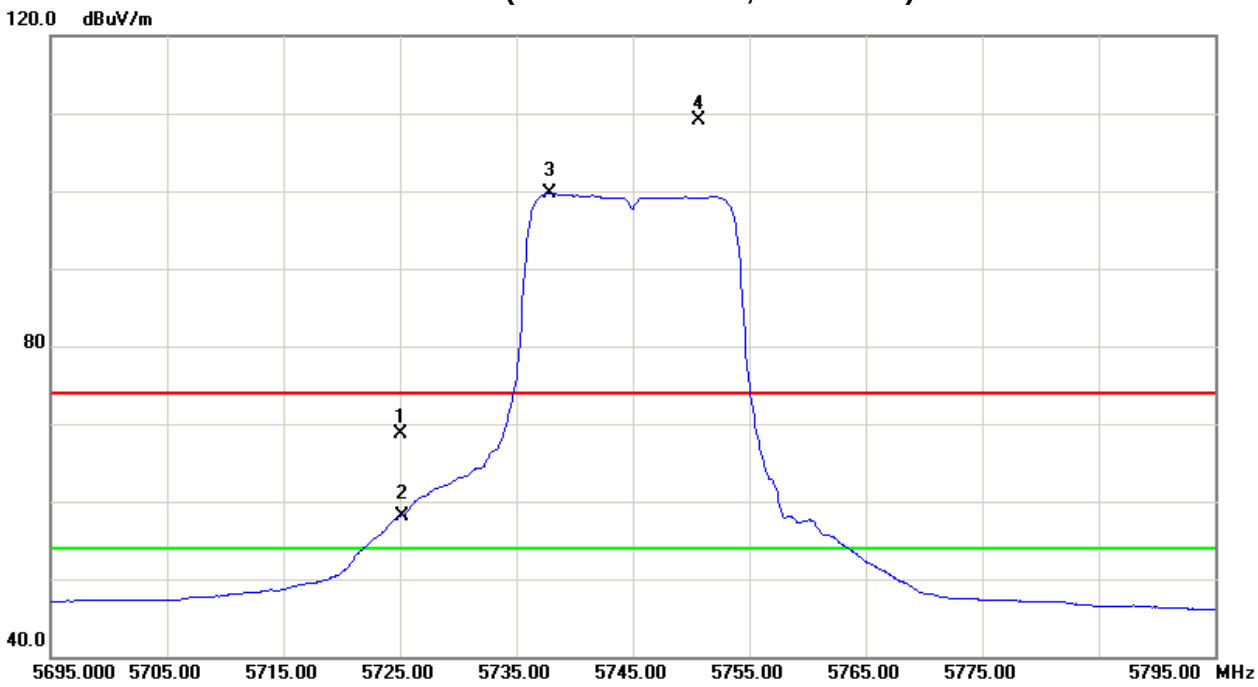
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

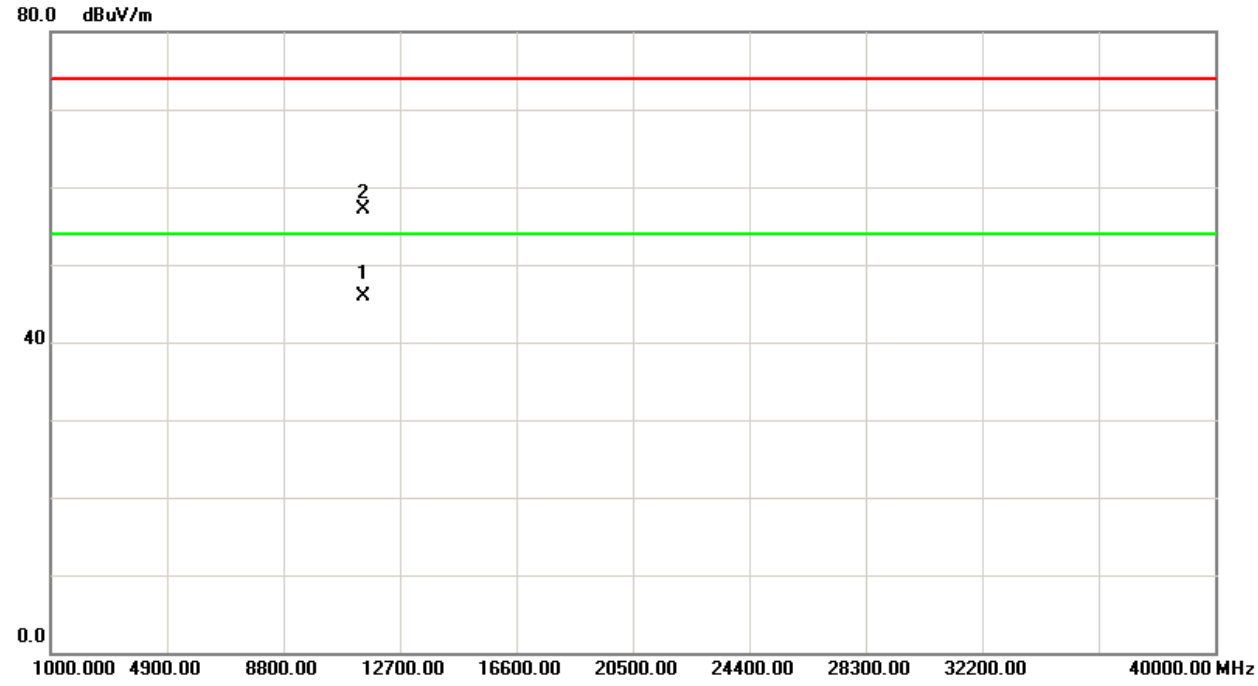
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH149 (Above 1000 MHz, Horizontal)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N20 Mode 5785MHz / Integral Antenna		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
5787.60	**V**	**53.94**	**44.99**	**44.56**	**98.50**	**89.55**			**X/F**
11577.13	V	39.65	27.48	18.68	58.33	46.16	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

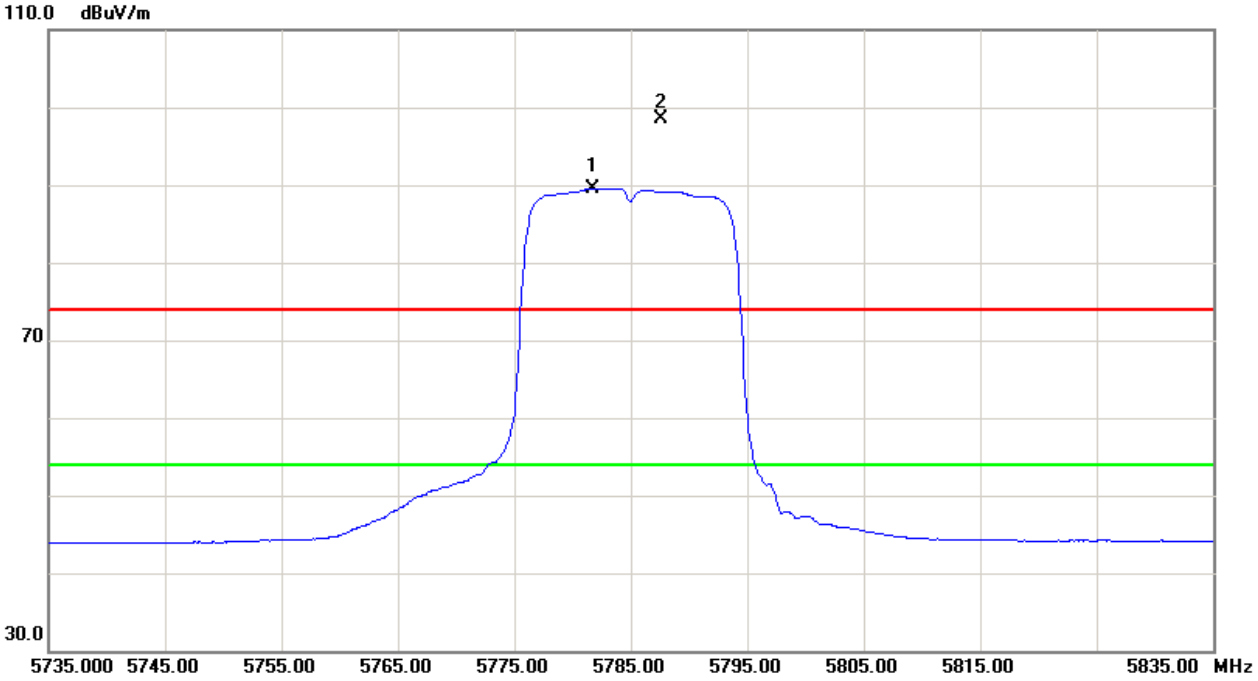
(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

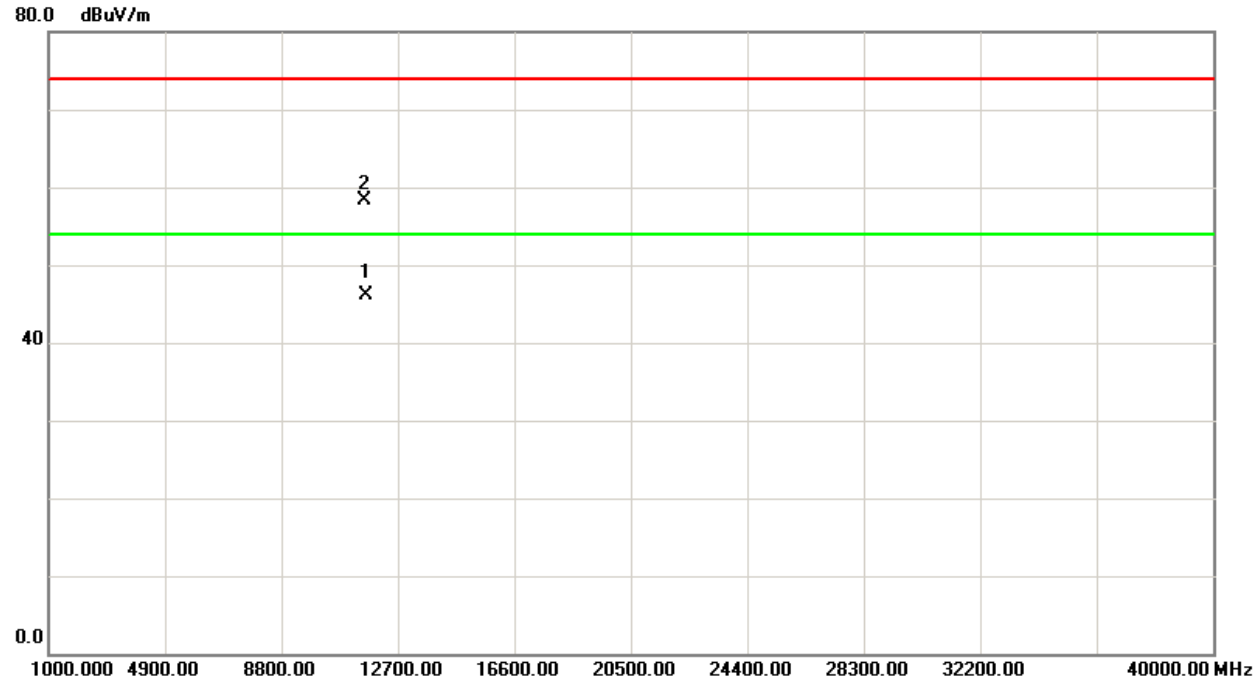
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

TX CH157 (Above 1000 MHz, Vertical)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N20 Mode 5785MHz / Integral Antenna		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
5787.60	**H**	**63.59**	**54.85**	**44.56**	**108.15**	**99.41**			**X/F**
11563.26	H	38.75	27.65	18.65	57.40	46.30	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

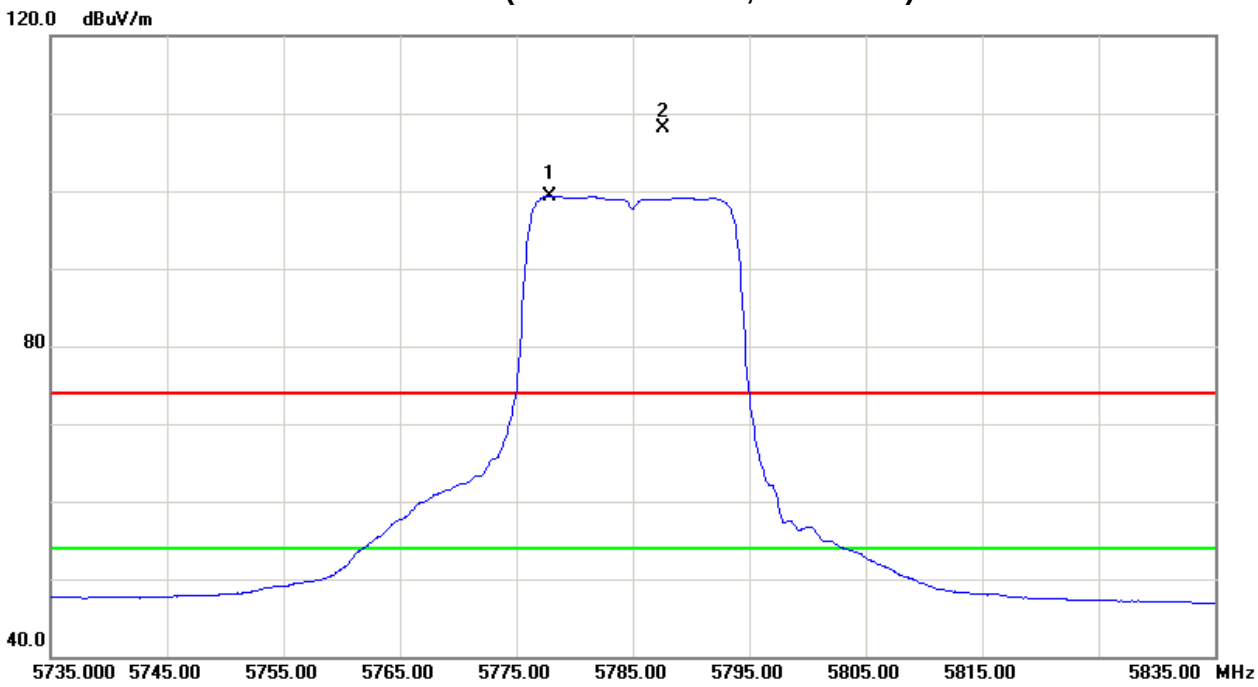
(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

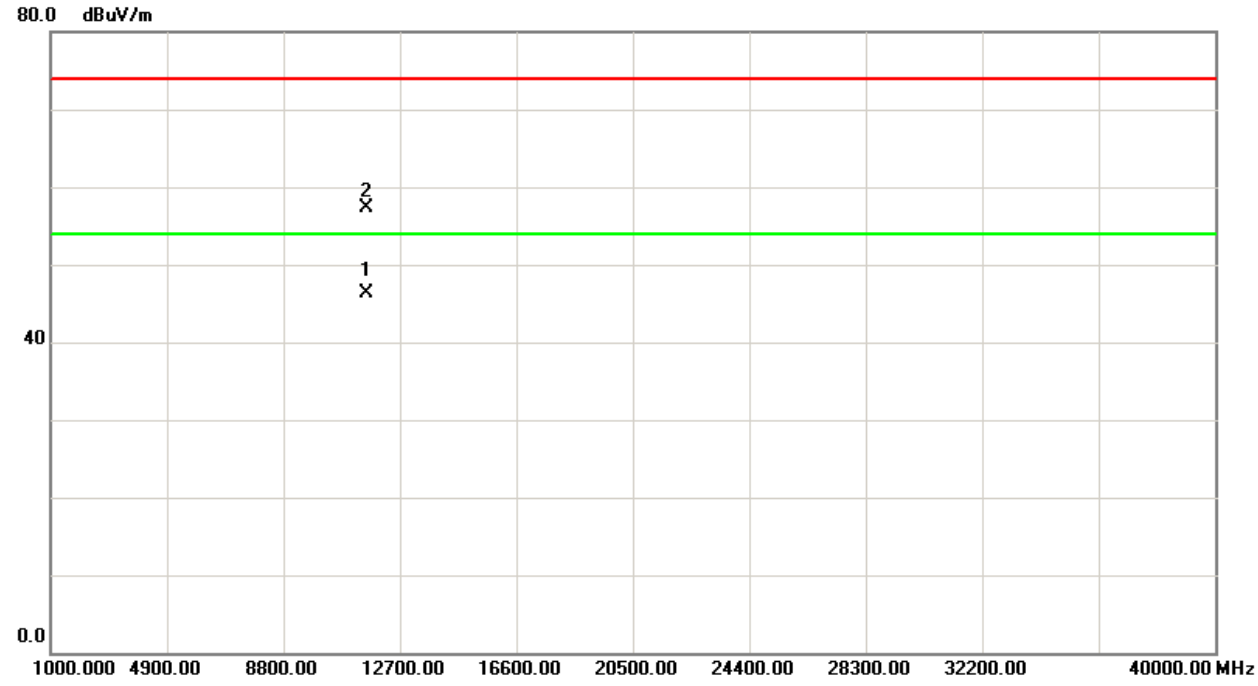
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

TX CH157 (Above 1000 MHz, Horizontal)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N20 Mode 5825MHz / Integral Antenna		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
5822.00	**V**	**53.64**	**44.69**	**44.69**	**98.33**	**89.38**			**X/F**
#5850.00	V	7.84	-0.18	44.78	52.62	44.60	78.33	69.38	X/E
11654.34	V	39.76	27.48	18.87	58.63	46.35	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

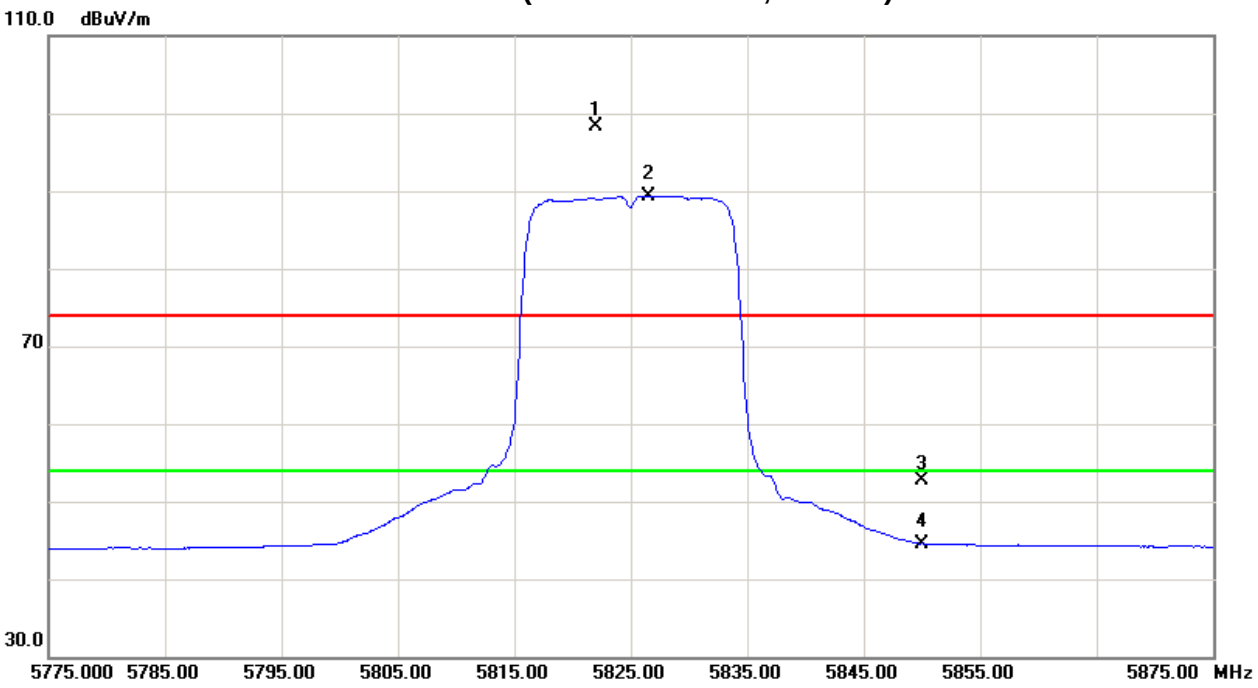
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

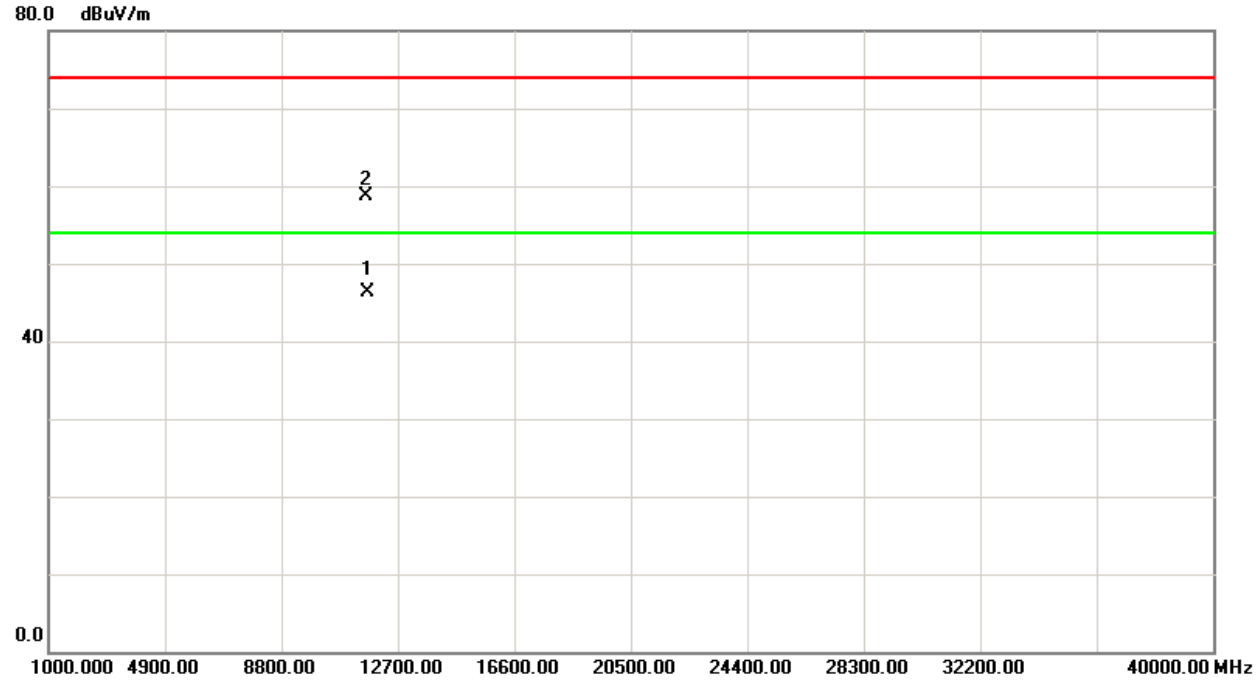
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH165 (Above 1000 MHz, Vertical)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N20Mode 5825MHz / Integral Antenna		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
5828.10	**H**	**63.71**	**55.07**	**44.70**	**108.41**	**99.77**			**X/F**
#5850.00	H	12.50	4.49	44.78	57.28	49.27	88.41	79.77	X/E
11643.27	H	38.65	27.47	18.85	57.50	46.32	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

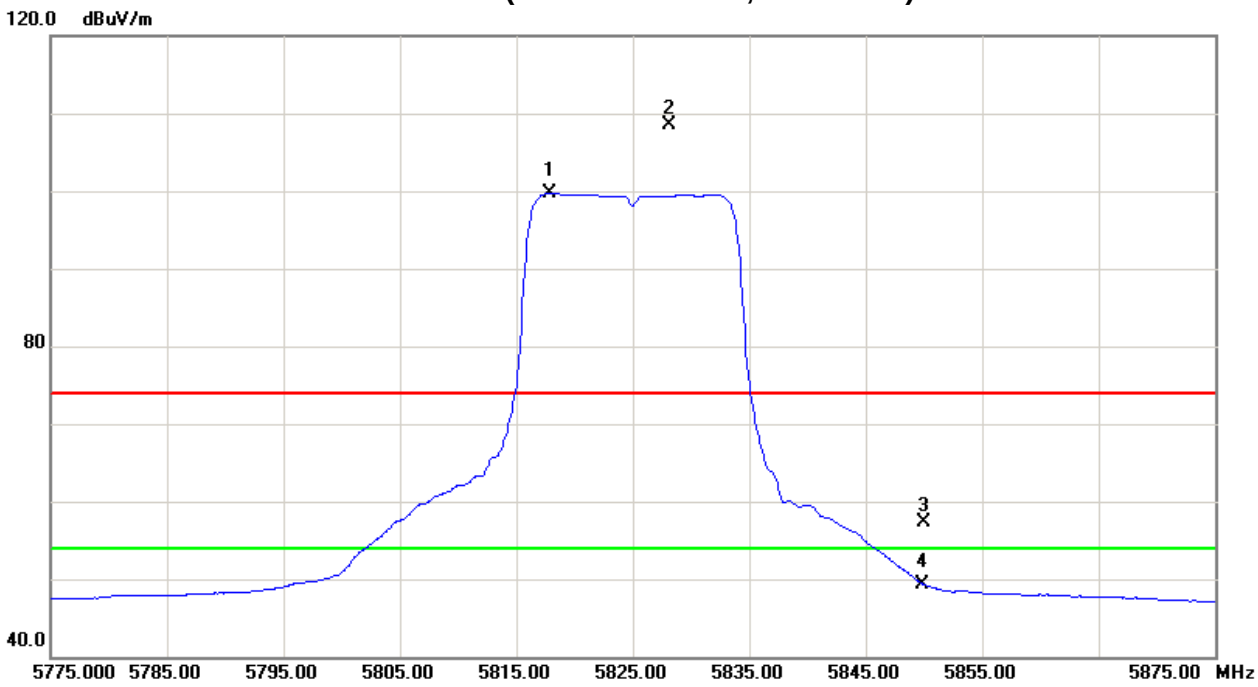
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

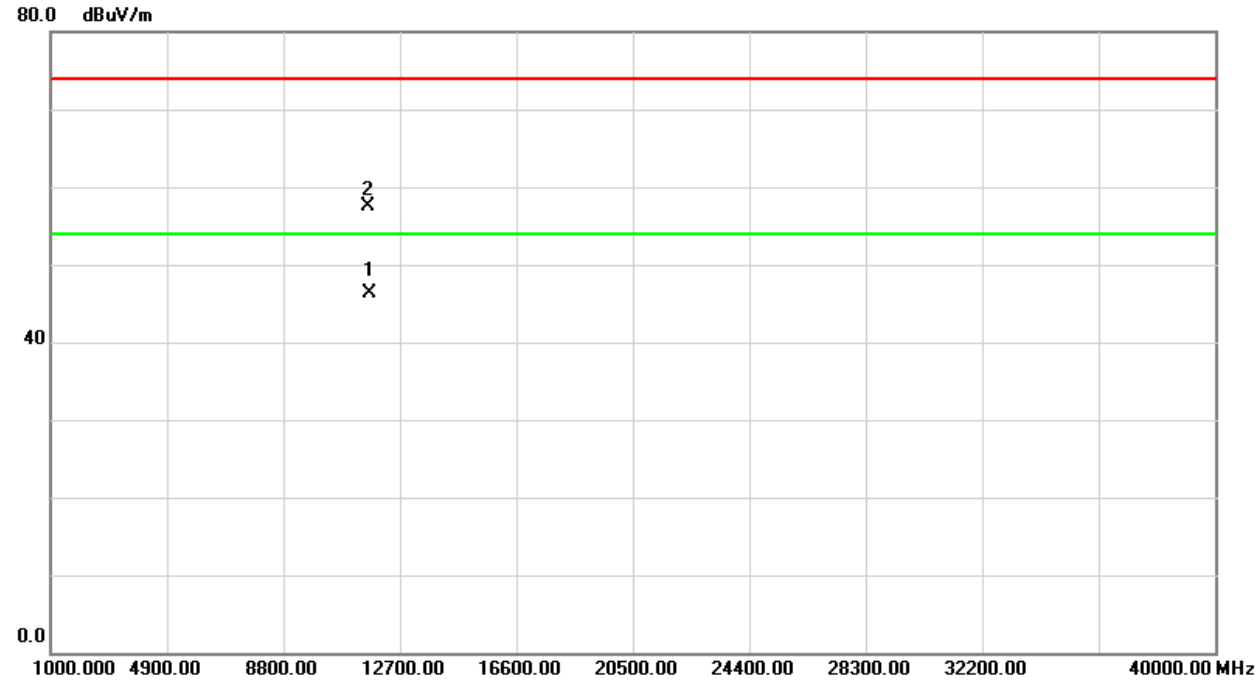
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH165 (Above 1000 MHz, Horizontal)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N40 Mode 5755MHz / Integral Antenna		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
# 5725.00	V	10.54	0.66	44.34	54.88	45.00	73.17	63.67	X/E
5744.20	**V**	**48.76**	**39.26**	**44.41**	**93.17**	**83.67**			**X/F**
11502.34	V	35.37	23.46	18.49	53.86	41.95	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

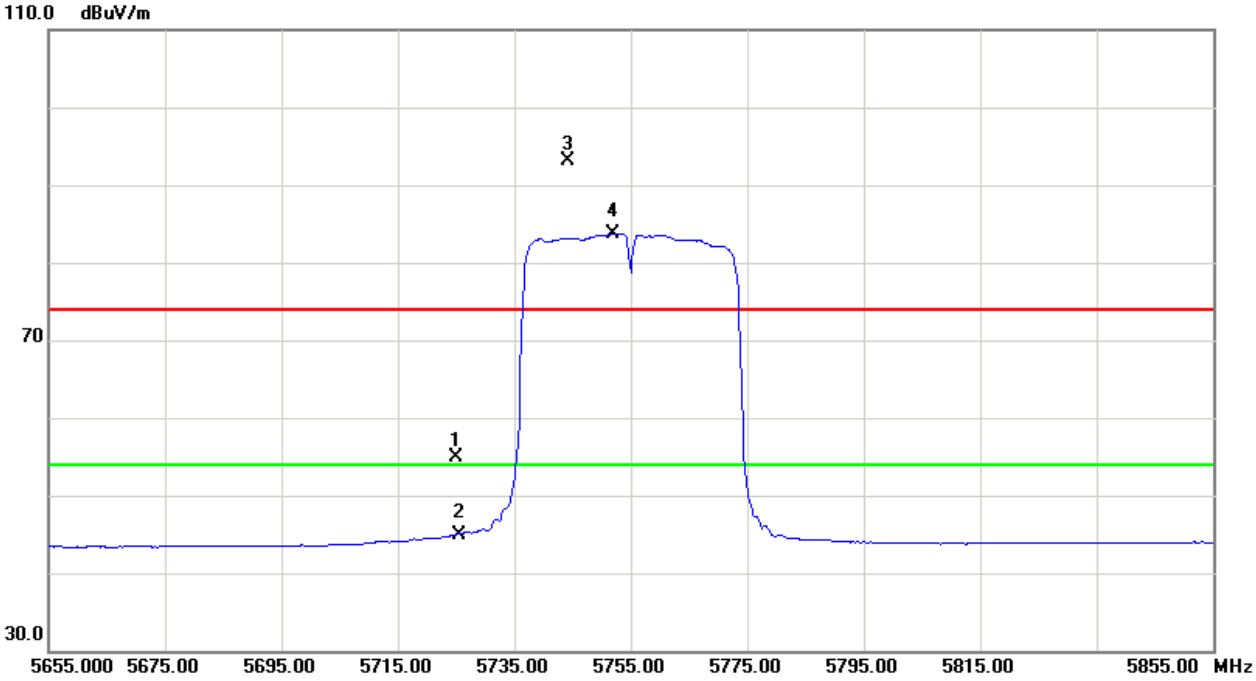
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

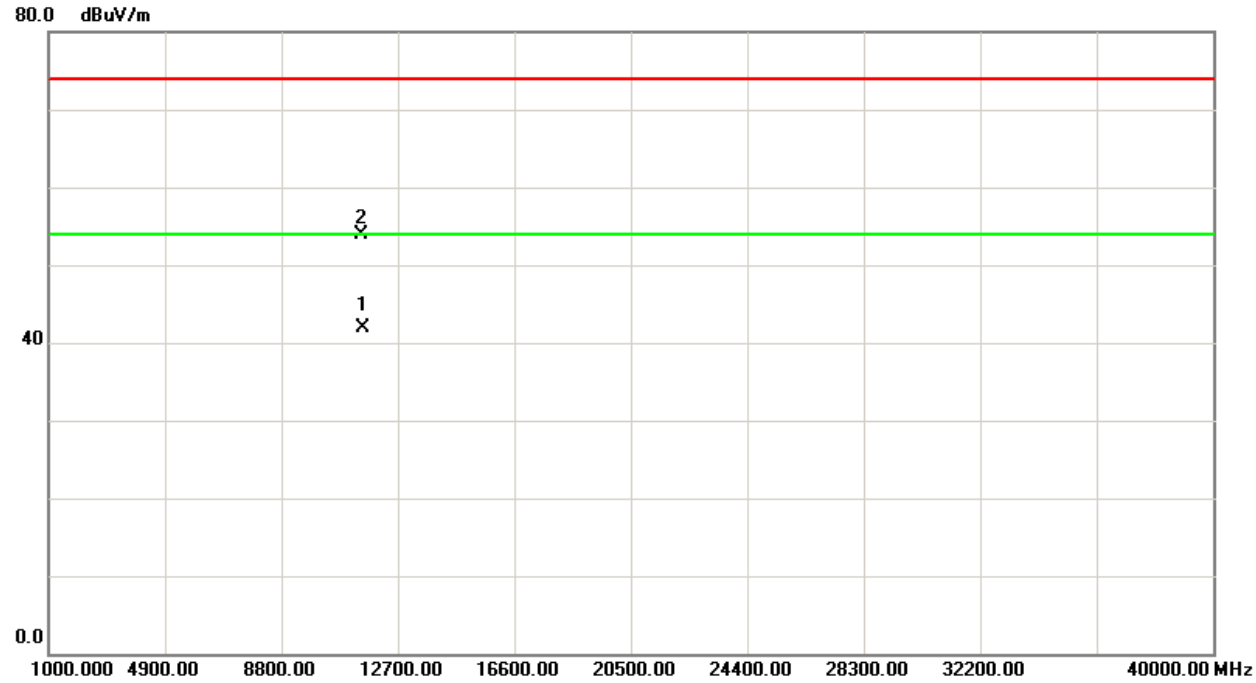
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH151 (Above 1000 MHz, Vertical)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N40 Mode 5755MHz / Integral Antenna		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
# 5725.00	H	15.14	6.50	44.34	59.48	50.84	81.74	72.61	X/E
5744.80	**H**	**57.33**	**48.20**	**44.41**	**101.74**	**92.61**			**X/F**
11511.24	H	35.65	23.46	18.51	54.16	41.97	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

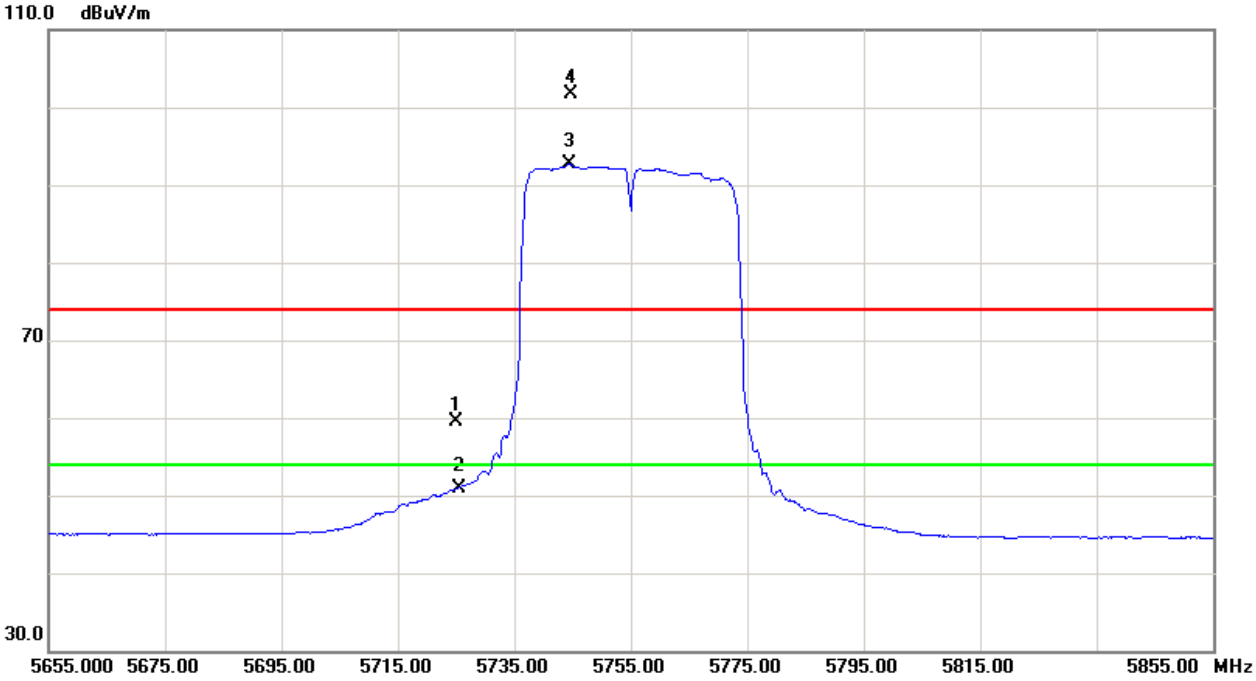
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

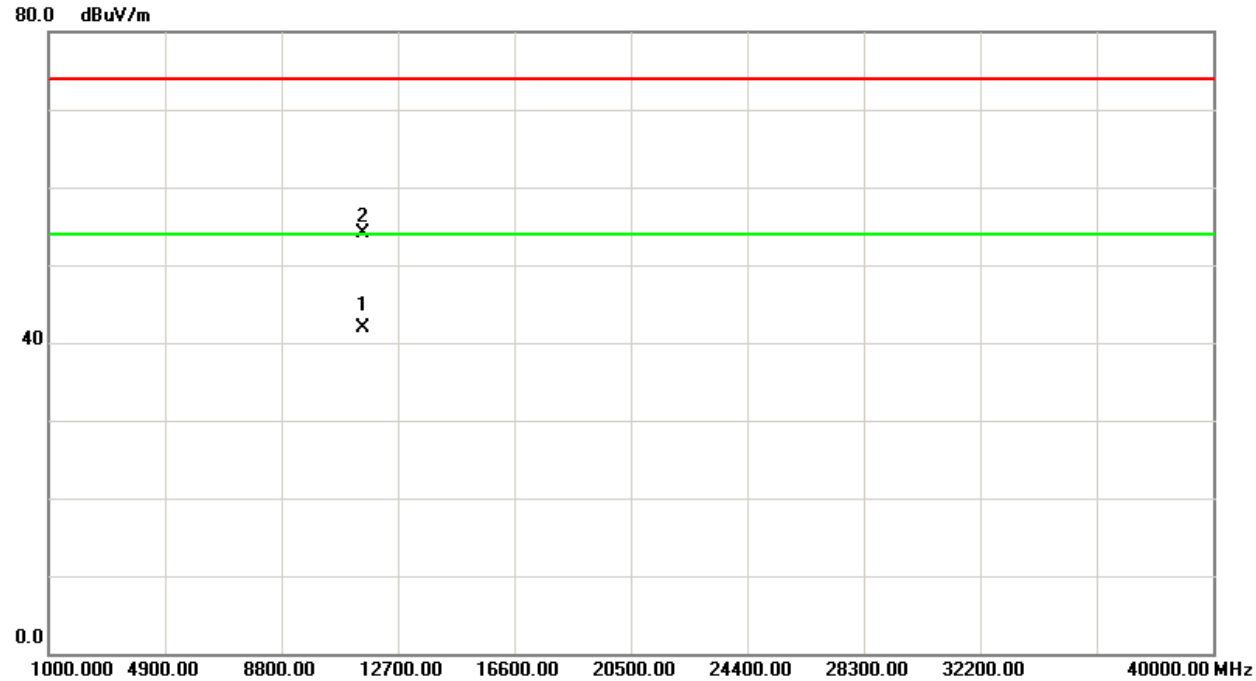
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH151 (Above 1000 MHz, Horizontal)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N40 Mode 5795MHz / Integral Antenna		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
5805.20	**V**	**49.92**	**41.53**	**44.63**	**94.55**	**86.16**			**X/F**
#5850.00	V	6.31	-0.53	44.78	51.09	44.25	74.55	66.16	X/E
11597.23	V	35.56	23.57	18.74	54.30	42.31	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

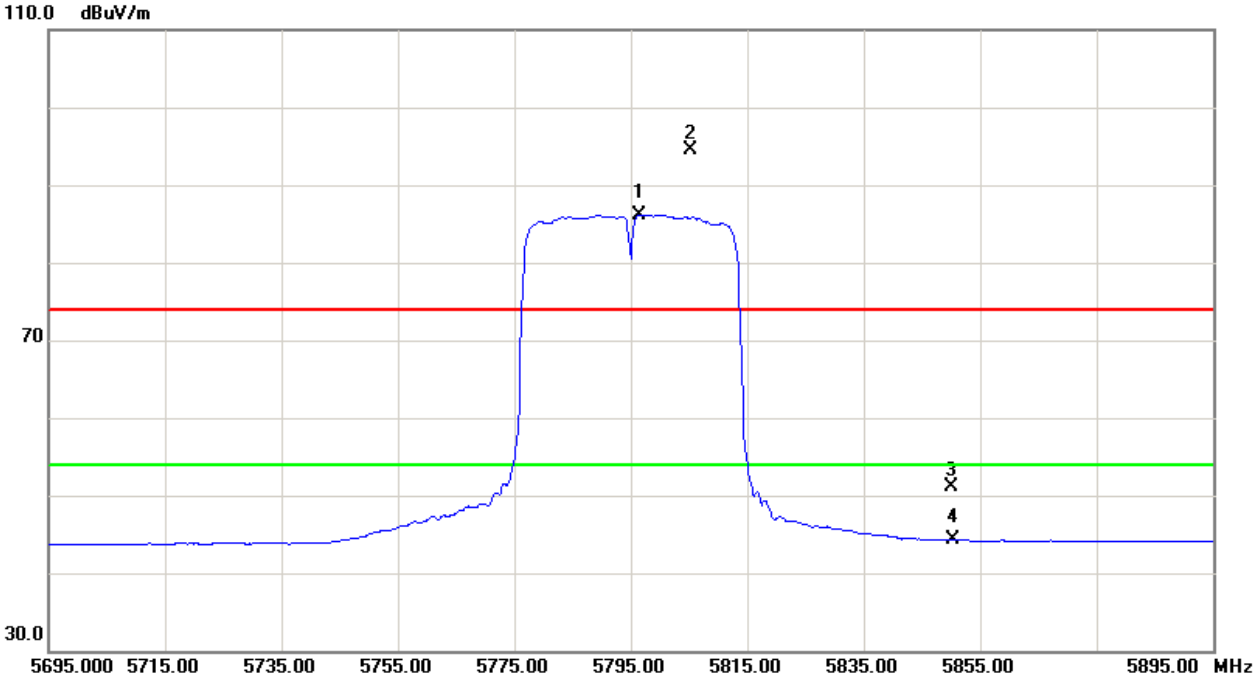
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

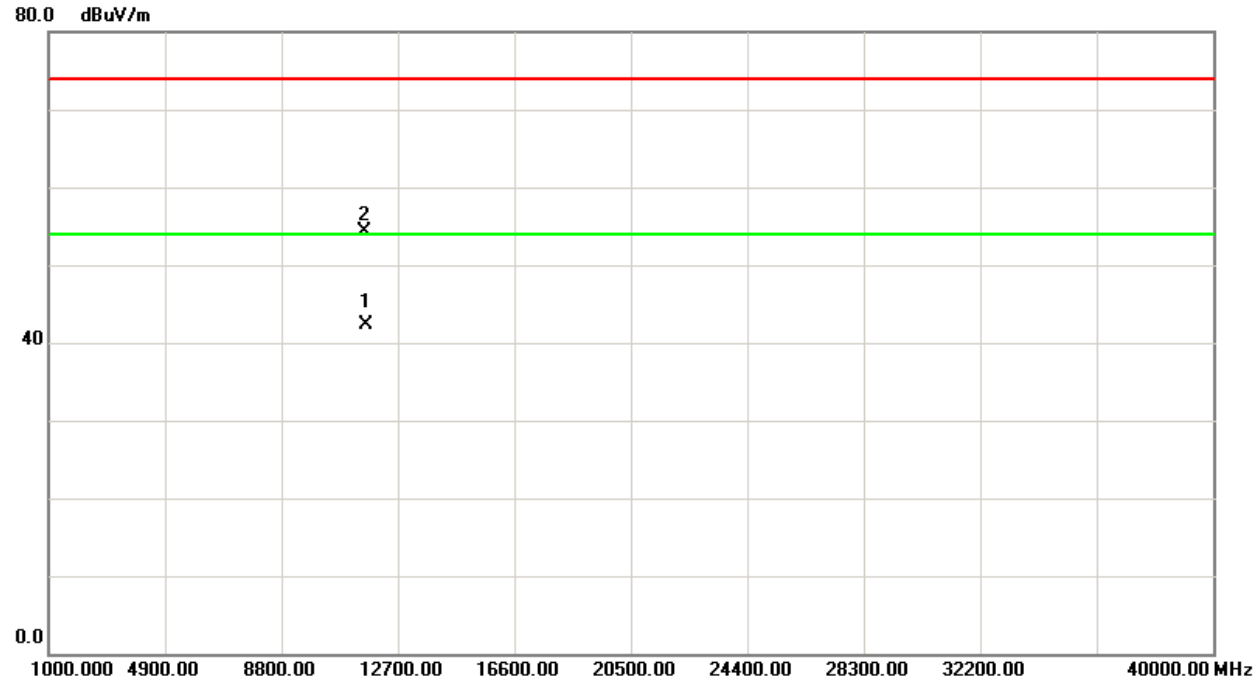
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH159 (Above 1000 MHz, Vertical)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N40 Mode 5795MHz / Integral Antenna		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
5784.80	**H**	**57.30**	**48.34**	**44.55**	**101.85**	**92.89**			**X/F**
#5850.00	H	10.14	0.13	44.78	54.92	44.91	81.85	72.89	X/E
11595.17	H	35.31	23.16	18.73	54.04	41.89	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

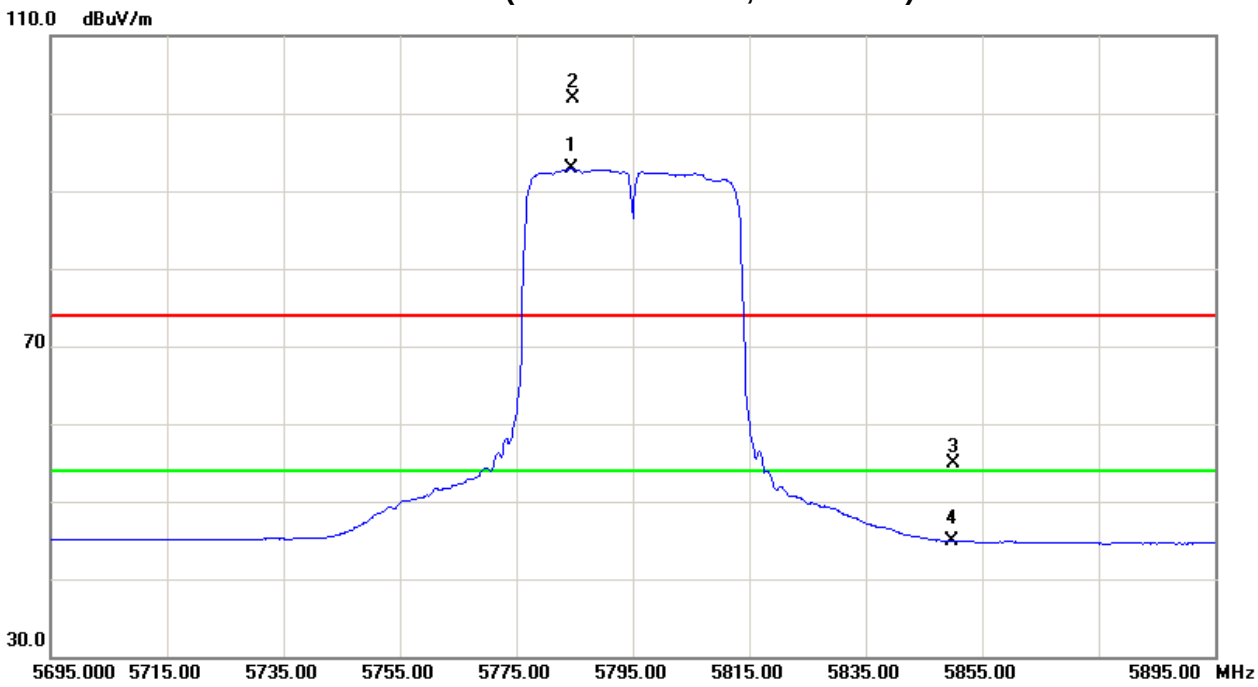
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

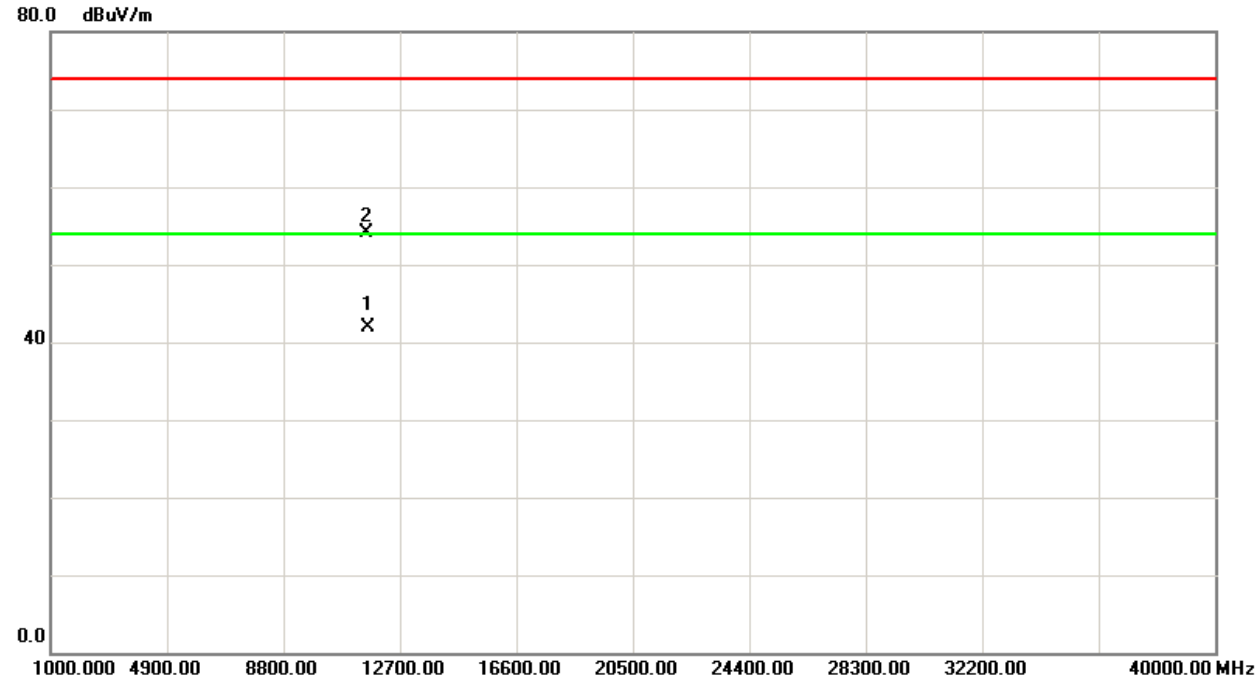
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH159 (Above 1000 MHz, Horizontal)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX A Mode 5745MHz / Dipole Antenna with external cable		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
#5725.00	V	28.25	13.71	44.34	72.59	58.05	87.13	78.41	X/E
5741.80	**V**	**62.72**	**54.00**	**44.41**	**107.13**	**98.41**			**X/F**
11493.10	V	39.06	27.64	18.47	57.53	46.11	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

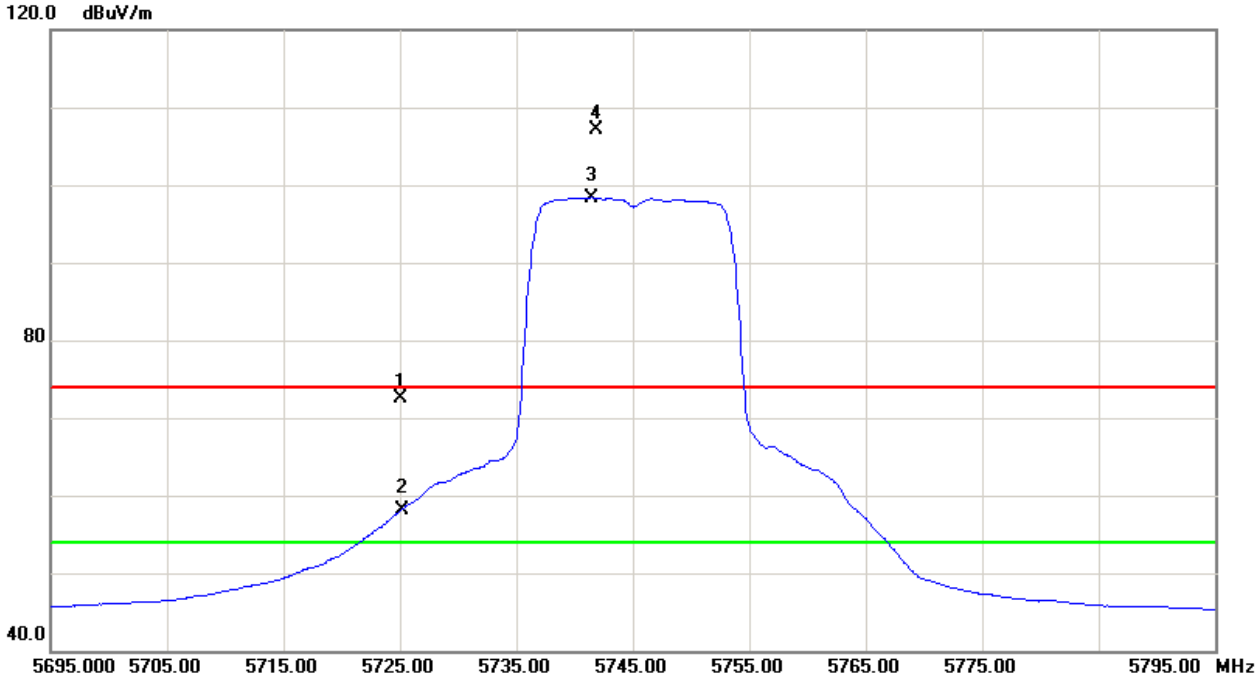
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

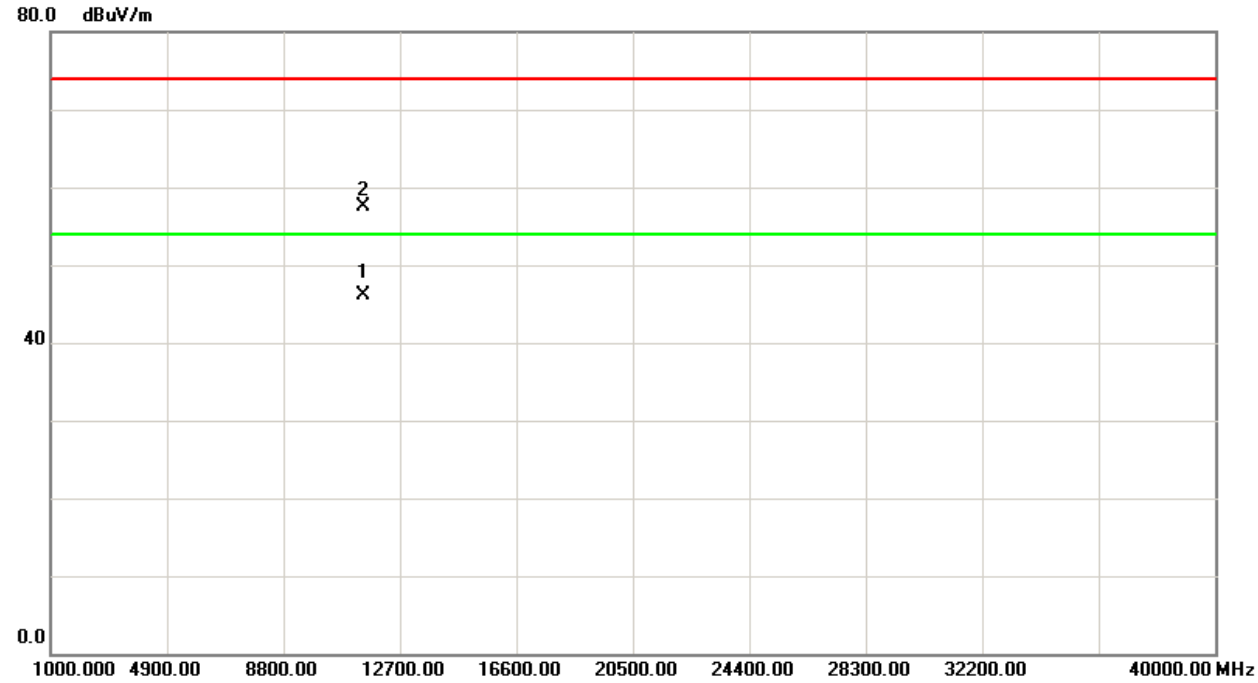
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH149 (Above 1000 MHz, Vertical)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX A Mode 5745MHz / Dipole Antenna with external cable		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
# 5725.00	H	19.11	6.09	44.34	63.45	50.43	80.29	71.68	X/E
5746.50	**H**	**55.87**	**47.26**	**44.42**	**100.29**	**91.68**			**X/F**
11483.90	H	38.79	27.68	18.44	57.23	46.12	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

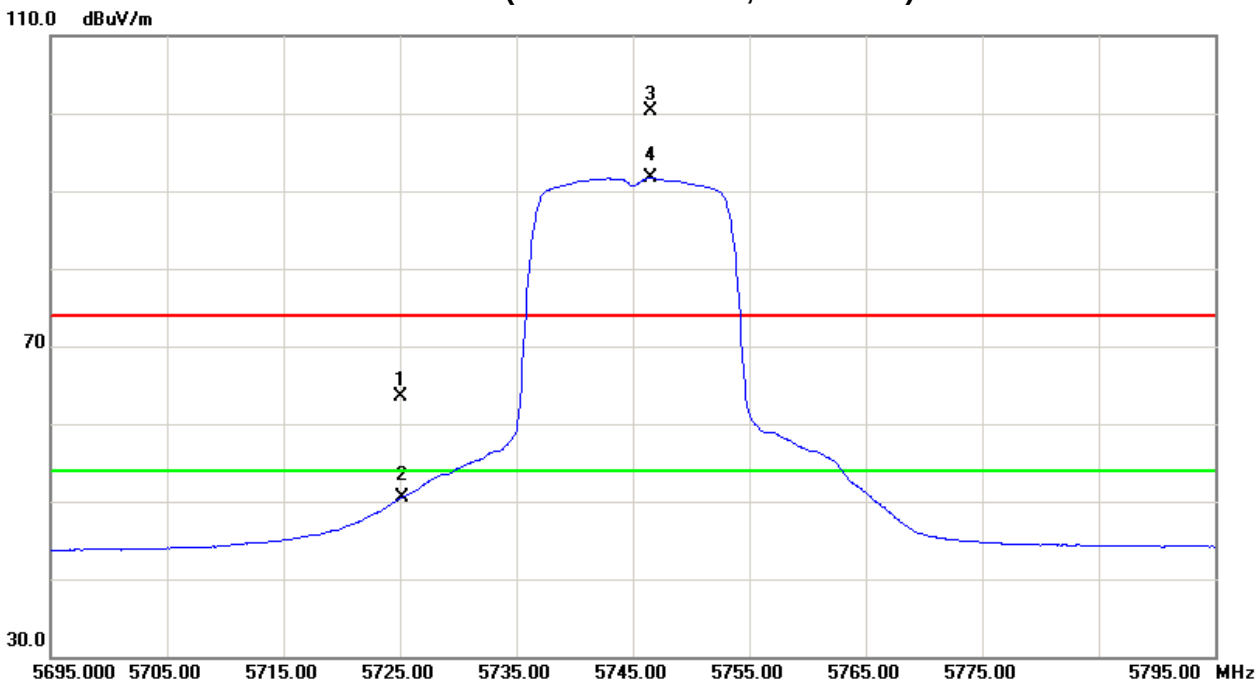
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

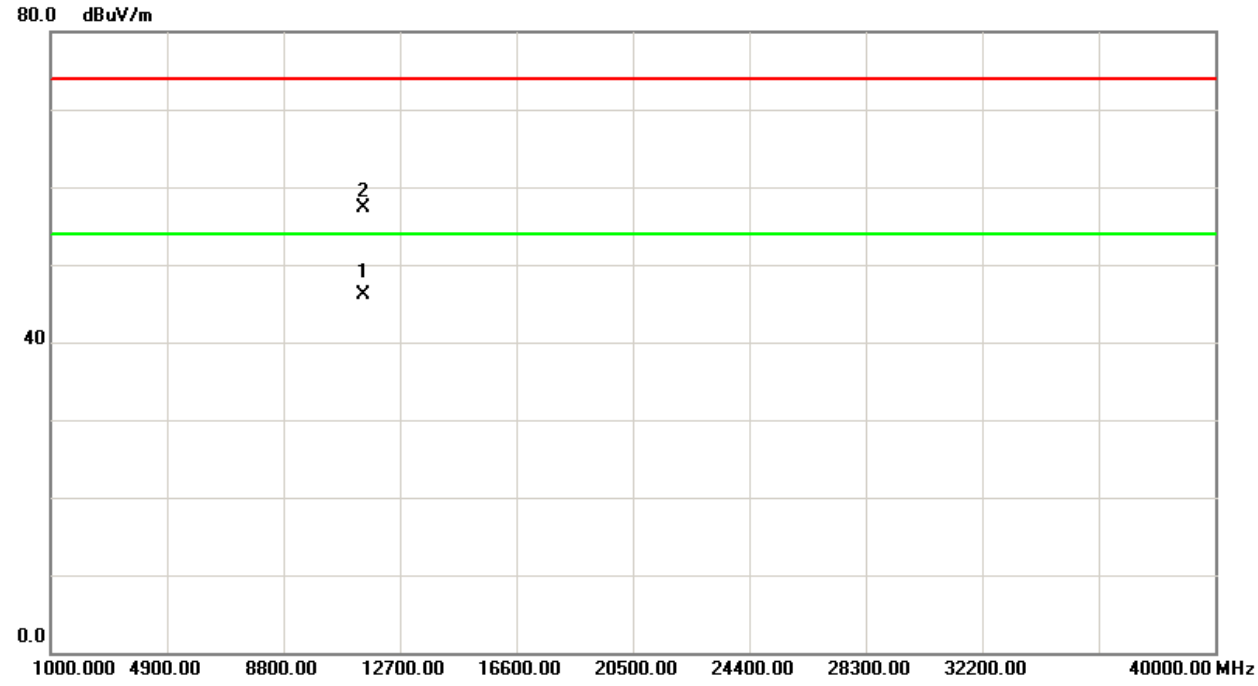
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH149 (Above 1000 MHz, Horizontal)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX A Mode 5785MHz / Dipole Antenna with external cable		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
5778.40	**V**	**63.73**	**54.51**	**44.54**	**108.27**	**99.05**			**X/F**
11573.27	V	39.52	27.48	18.67	58.19	46.15	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

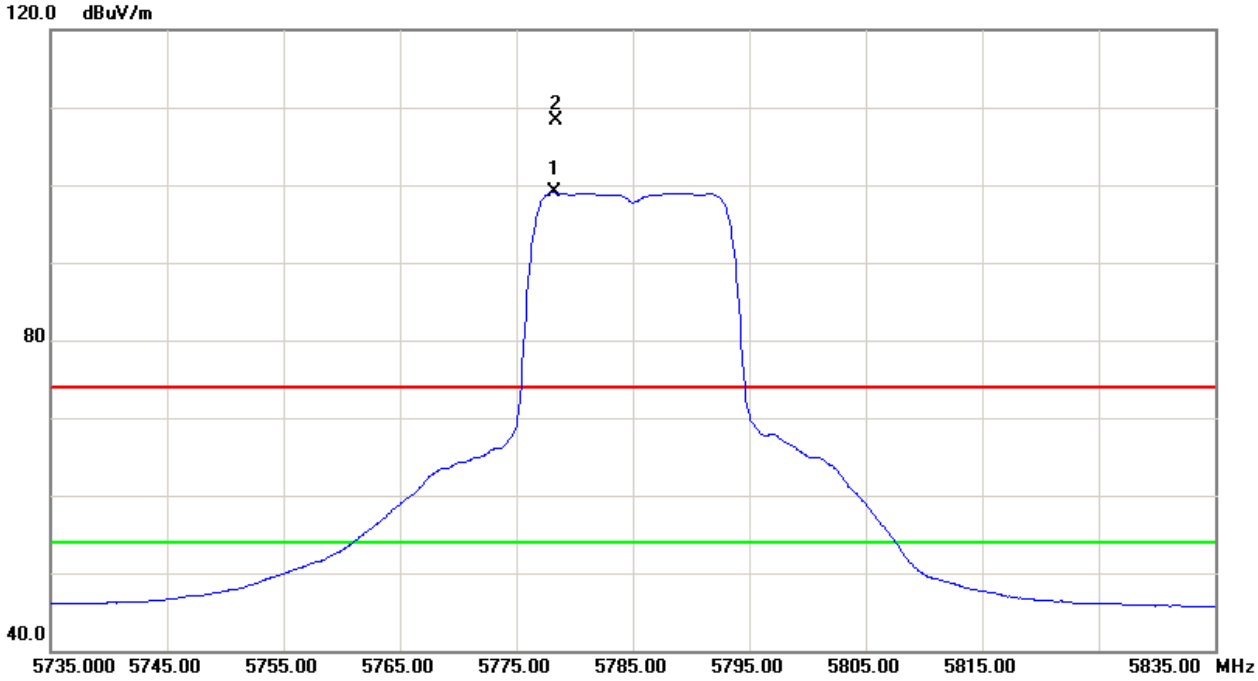
(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

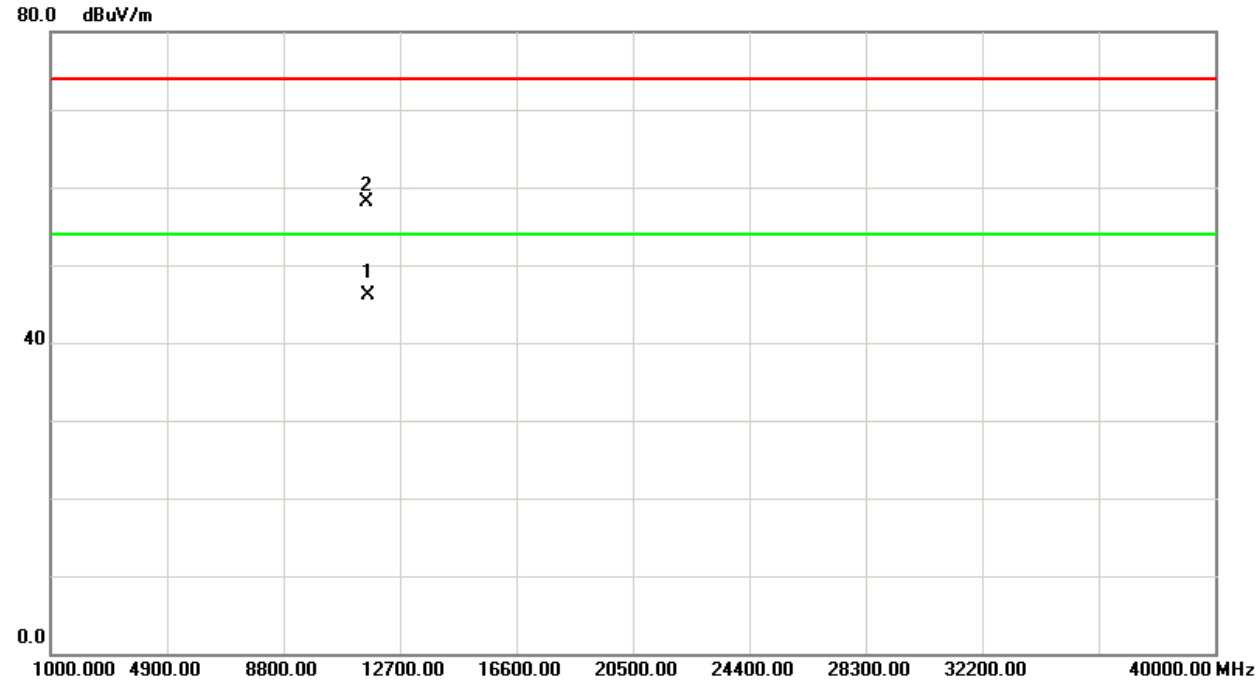
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

TX CH157 (Above 1000 MHz, Vertical)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX A Mode 5785MHz / Dipole Antenna with external cable		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
5781.90	**H**	**54.83**	**46.34**	**44.55**	**99.38**	**90.89**			**X/F**
11569.10	H	38.76	27.42	18.67	57.43	46.09	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

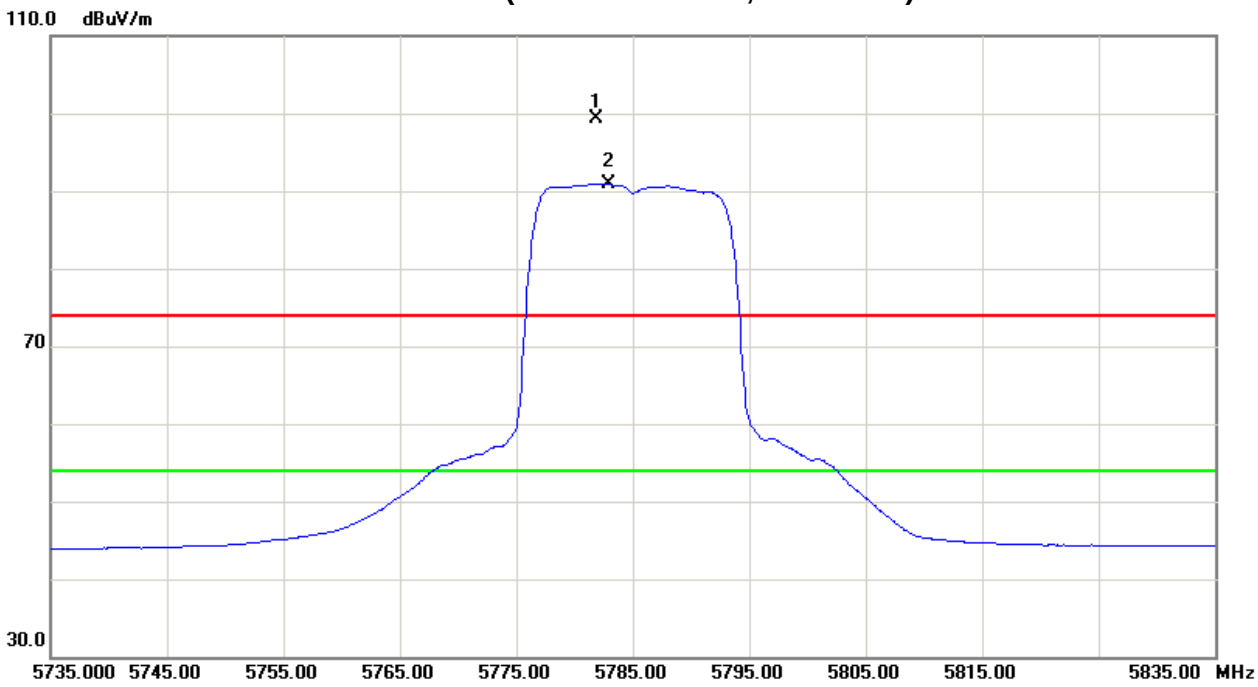
(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

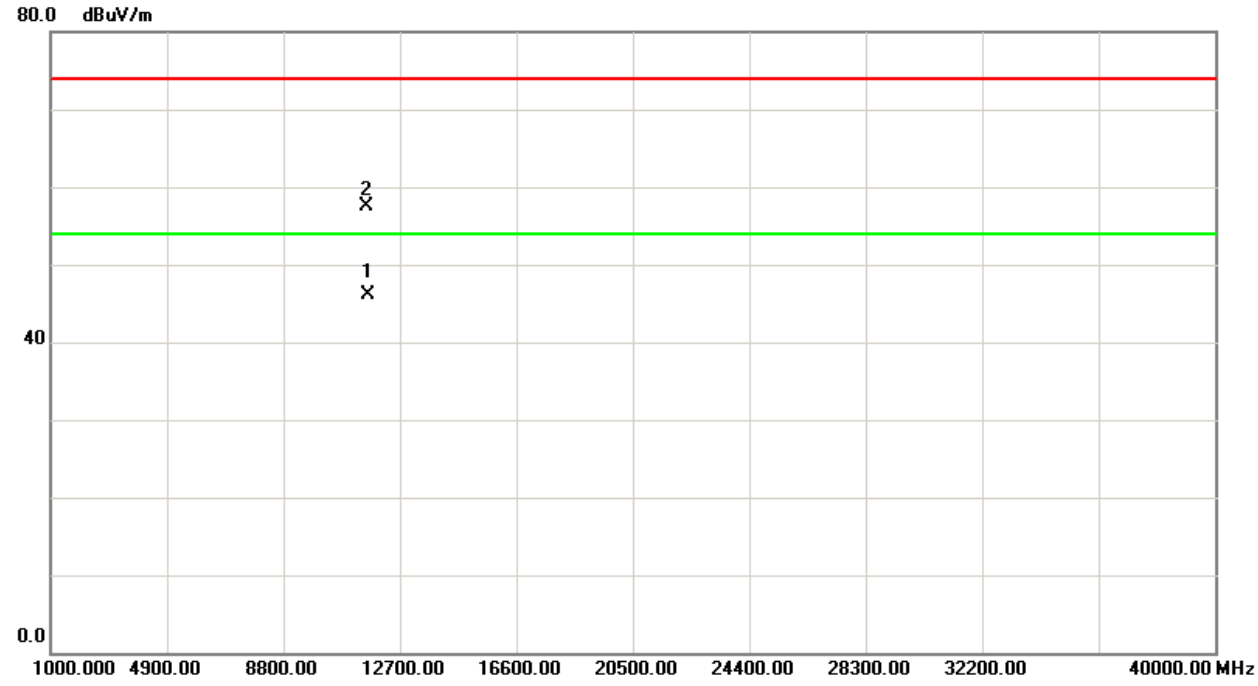
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

TX CH157 (Above 1000 MHz, Horizontal)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX A Mode 5825MHz / Dipole Antenna with external cable		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
5829.00	**V**	**62.83**	**54.36**	**44.71**	**107.54**	**99.07**			**X/F**
#5850.00	V	21.03	5.50	44.78	65.81	50.28	87.54	79.07	X/E
11651.35	V	39.11	27.65	18.87	57.98	46.52	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

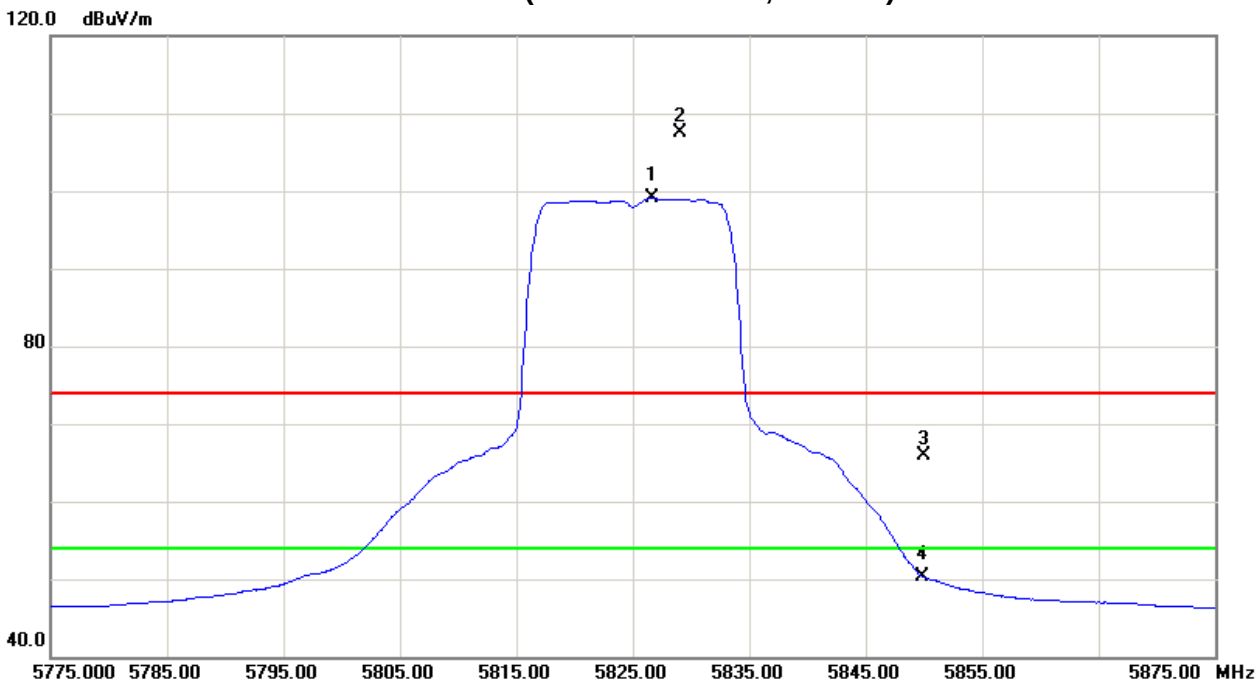
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

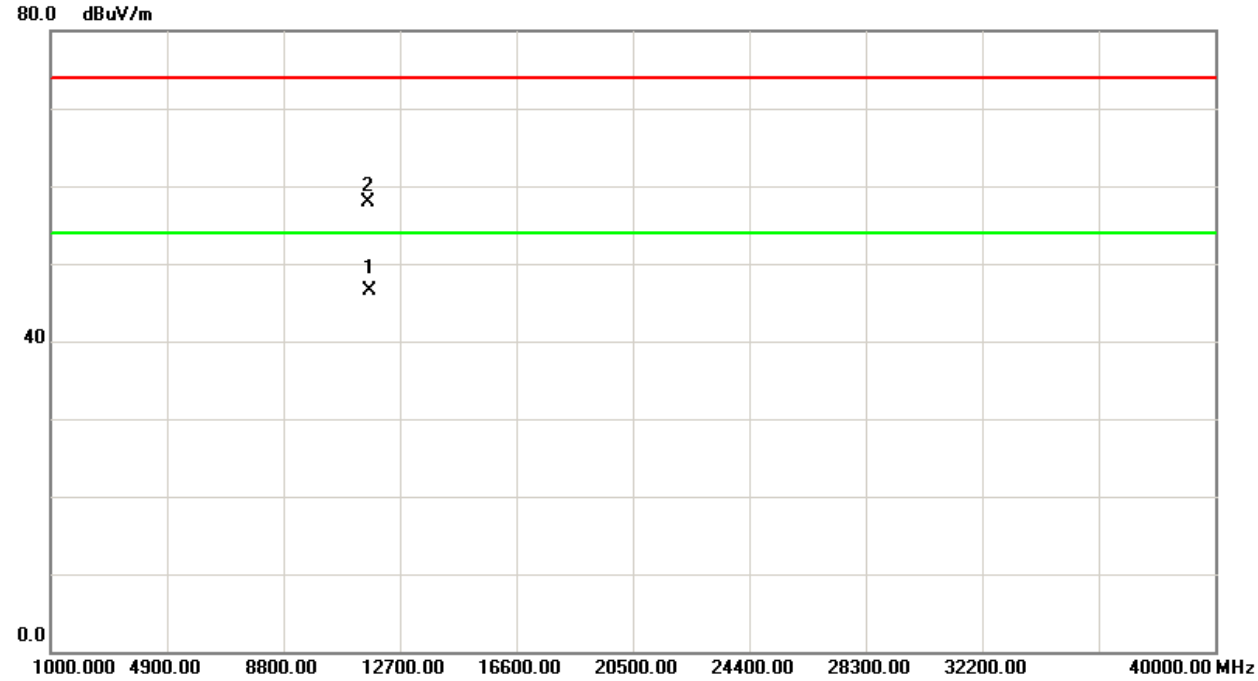
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH165 (Above 1000 MHz, Vertical)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX A Mode 5825MHz / Dipole Antenna with external cable		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
5821.60	**H**	**53.75**	**45.22**	**44.68**	**98.43**	**89.90**			**X/F**
#5850.00	H	10.35	0.46	44.78	55.13	45.24	78.43	69.90	X/E
11652.41	H	38.54	27.22	18.87	57.41	46.09	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

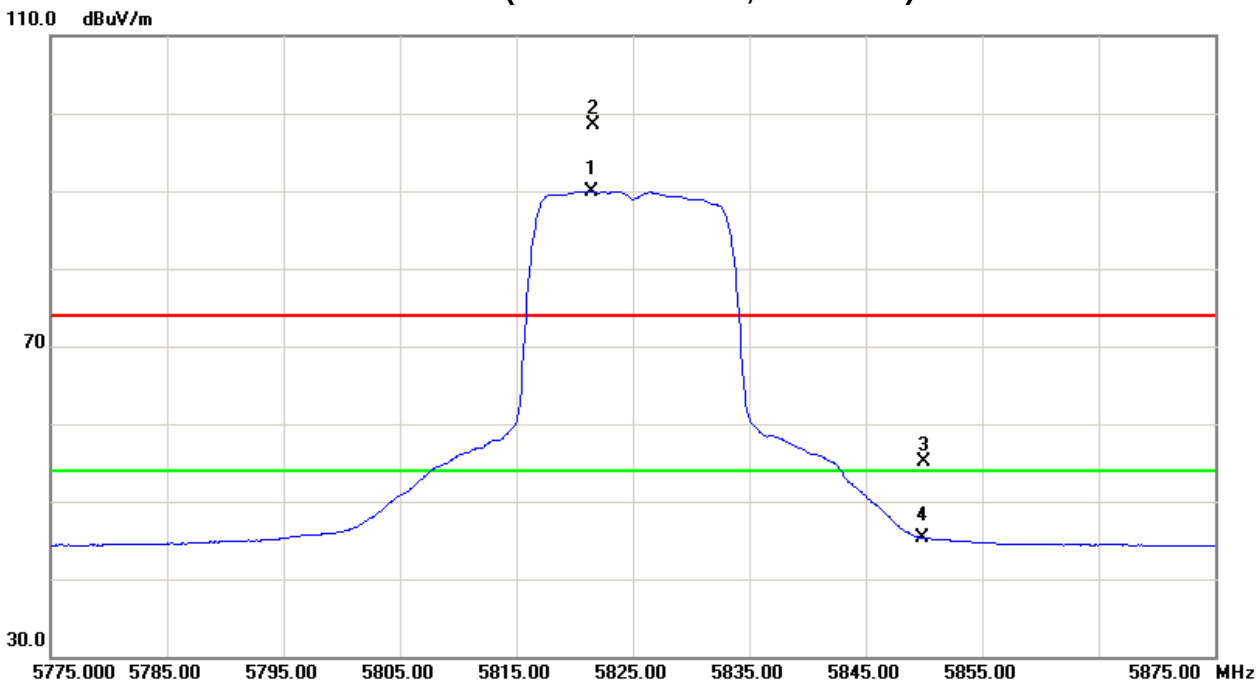
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

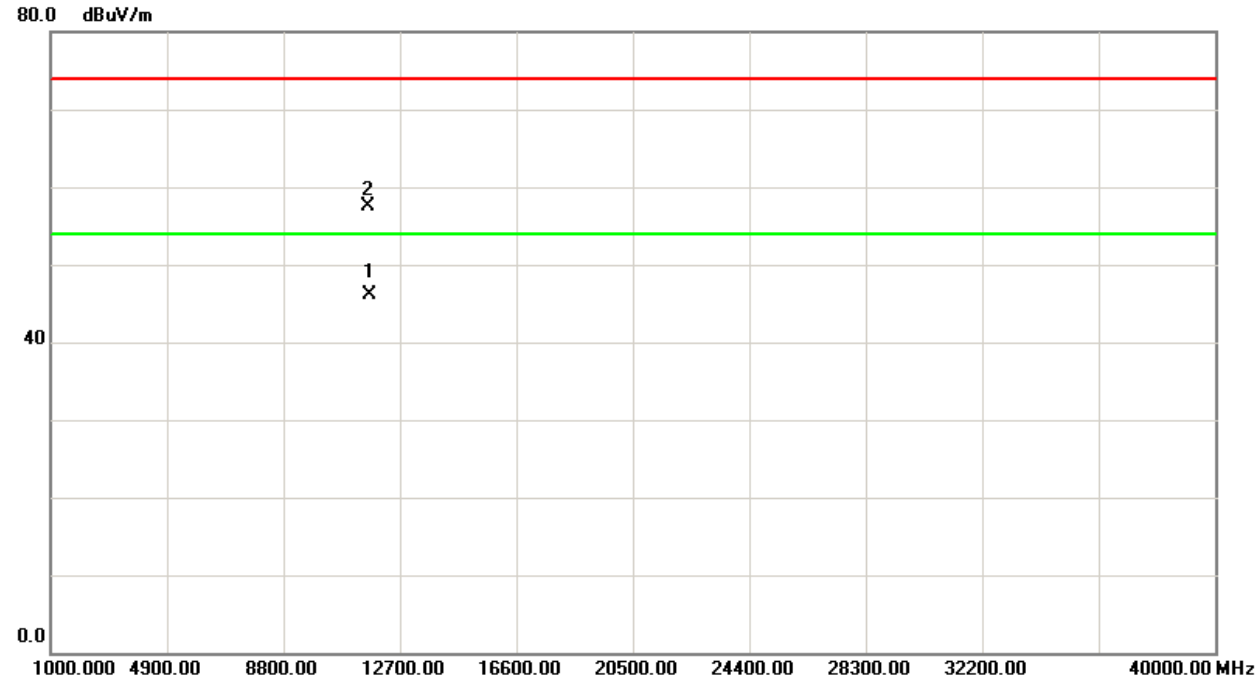
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH165 (Above 1000 MHz, Horizontal)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N20 Mode 5745MHz / Dipole Antenna with external cable		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
# 5725.00	V	22.31	11.31	44.34	66.65	55.65	88.67	77.70	X/E
5741.90	**V**	**64.26**	**53.29**	**44.41**	**108.67**	**97.70**			**X/F**
11492.31	V	39.42	27.75	18.47	57.89	46.22	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

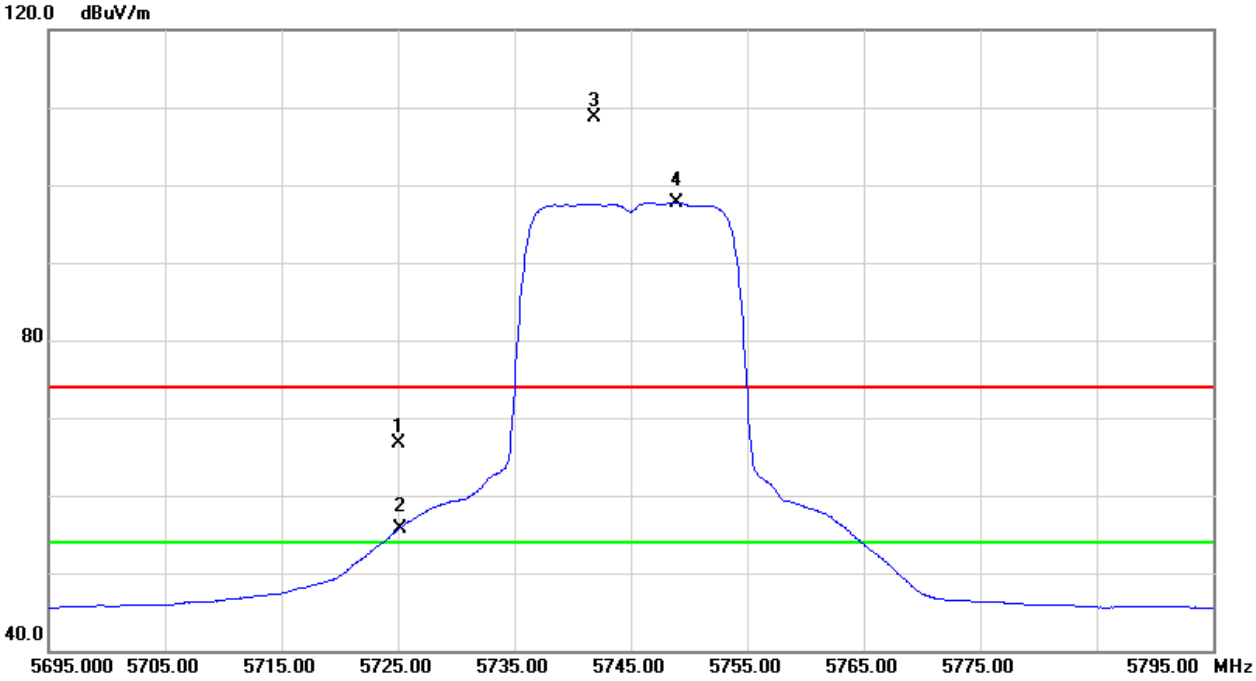
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

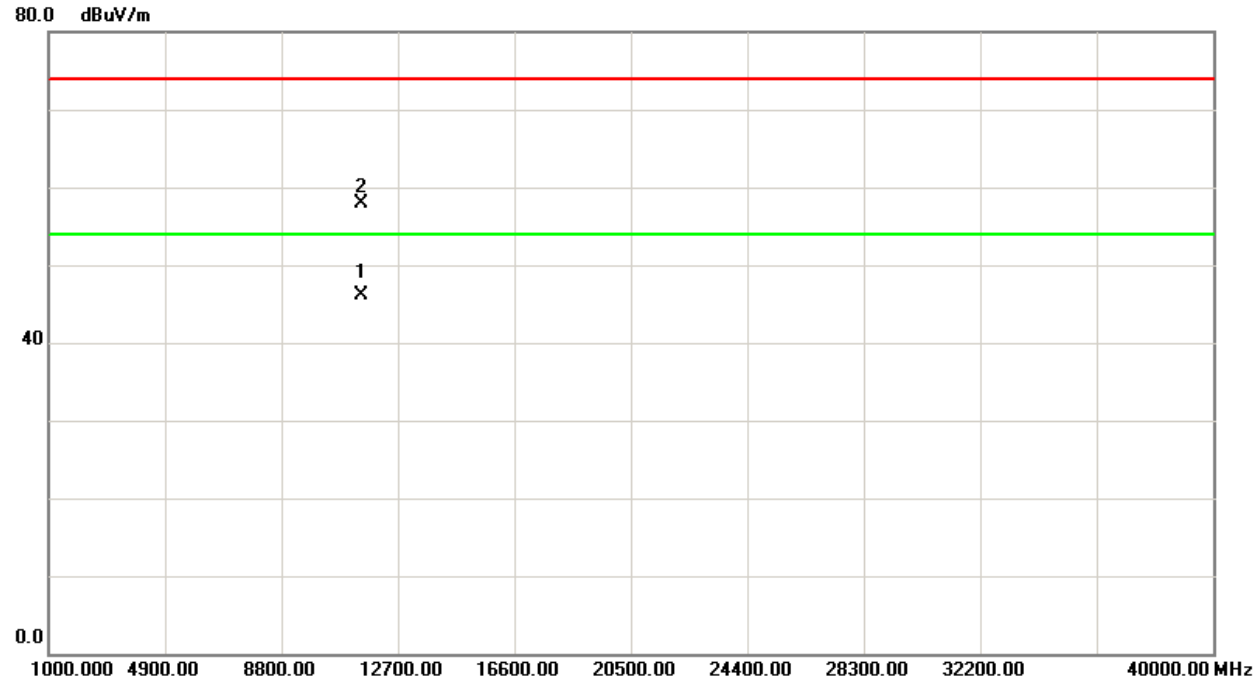
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH149 (Above 1000 MHz, Vertical)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N20 Mode 5745MHz / Dipole Antenna with external cable		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
# 5725.00	H	15.48	1.67	44.34	59.82	46.01	77.70	67.67	X/E
5748.20	**H**	**53.28**	**43.25**	**44.42**	**97.70**	**87.67**			**X/F**
11503.27	H	38.65	27.47	18.49	57.14	45.96	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

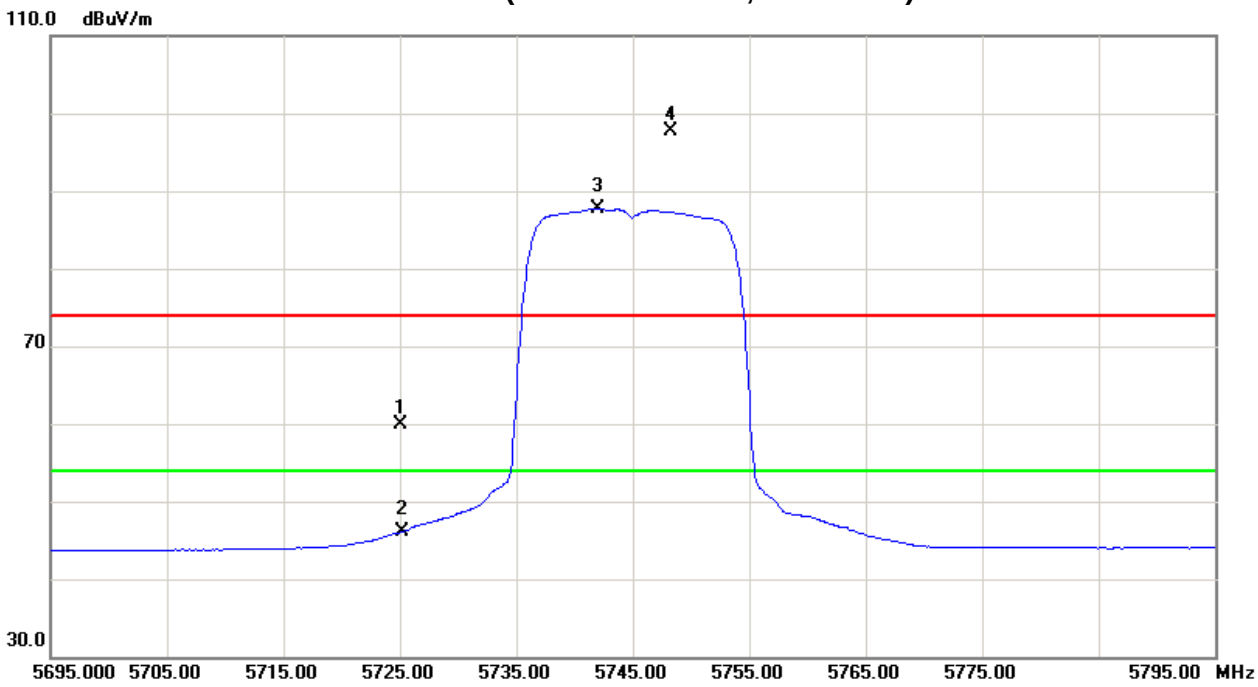
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

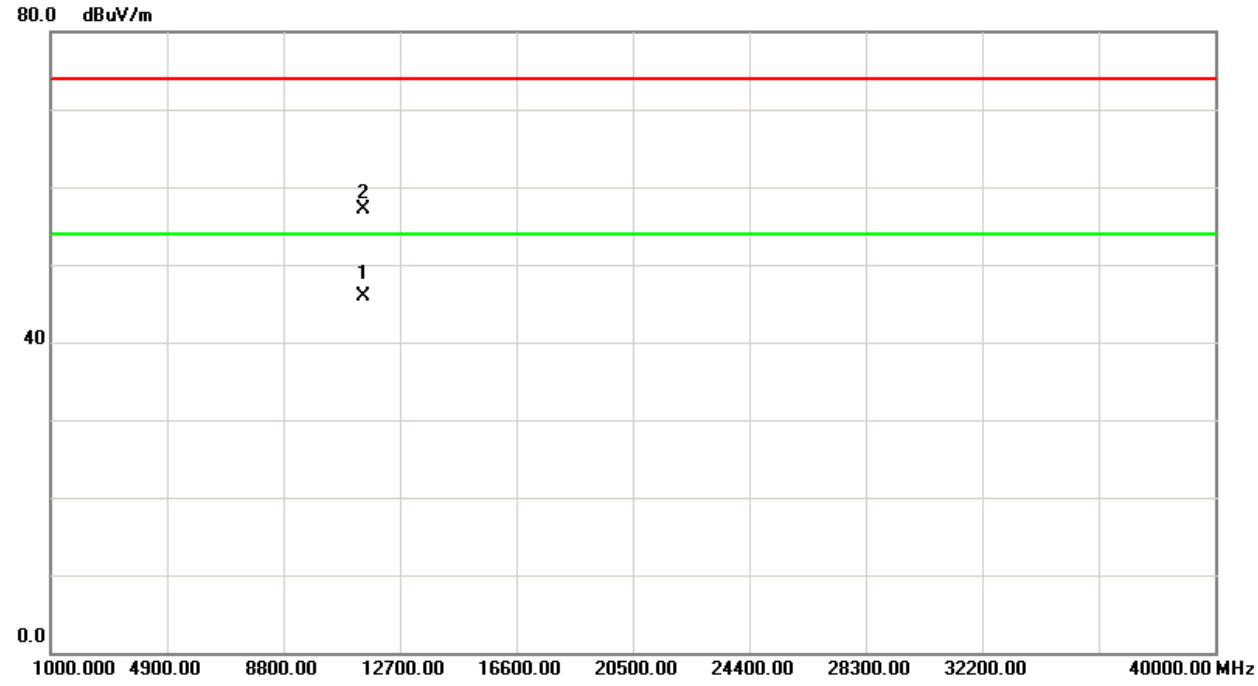
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH149 (Above 1000 MHz, Horizontal)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N20 Mode 5785MHz / Dipole Antenna with external cable		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
5781.90	**V**	**62.69**	**52.81**	**44.55**	**107.24**	**97.36**			**X/F**
11577.15	V	39.66	27.57	18.68	58.34	46.25	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

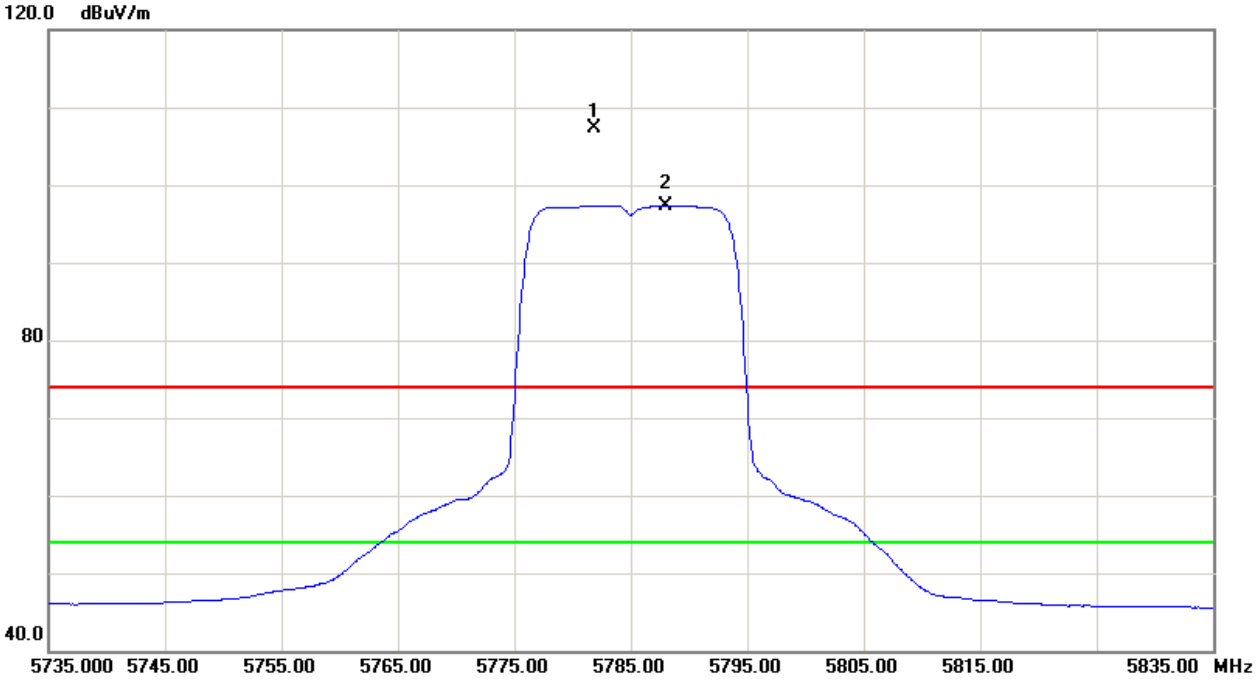
(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

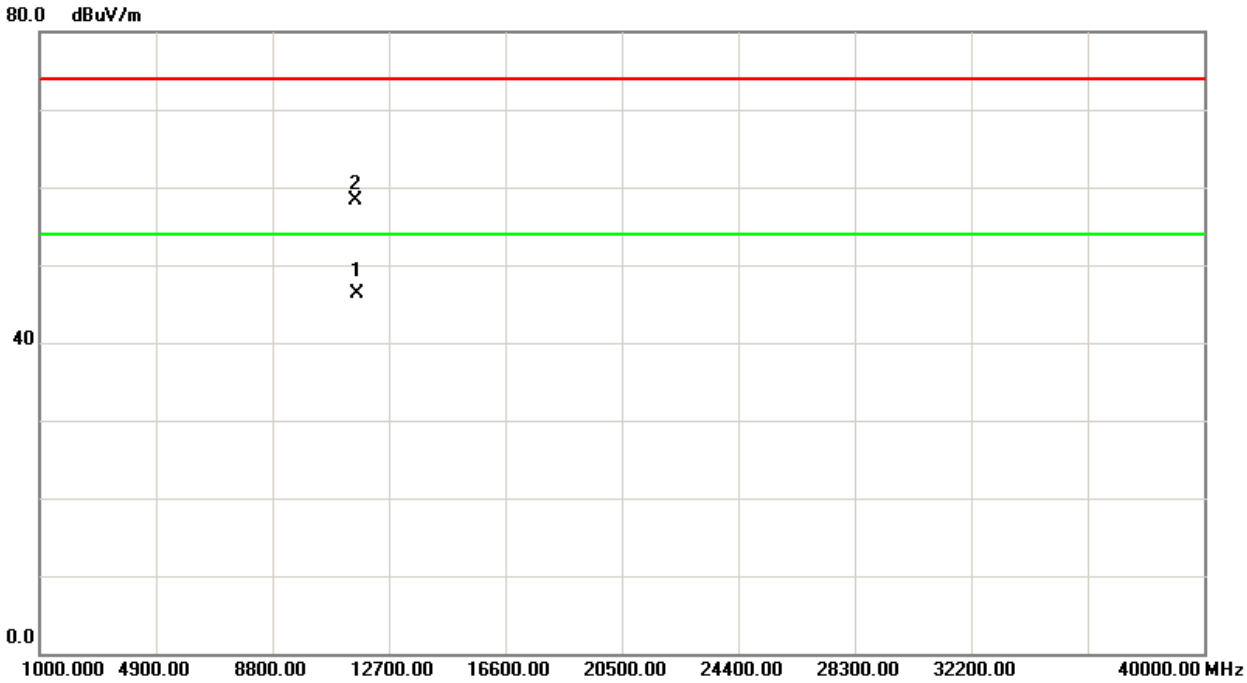
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

TX CH157 (Above 1000 MHz, Vertical)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N20 Mode 5785MHz / Dipole Antenna with external cable		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
5788.40	**H**	**52.42**	**42.57**	**44.57**	**96.99**	**87.14**			**X/F**
11563.24	H	38.86	27.57	18.65	57.51	46.22	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

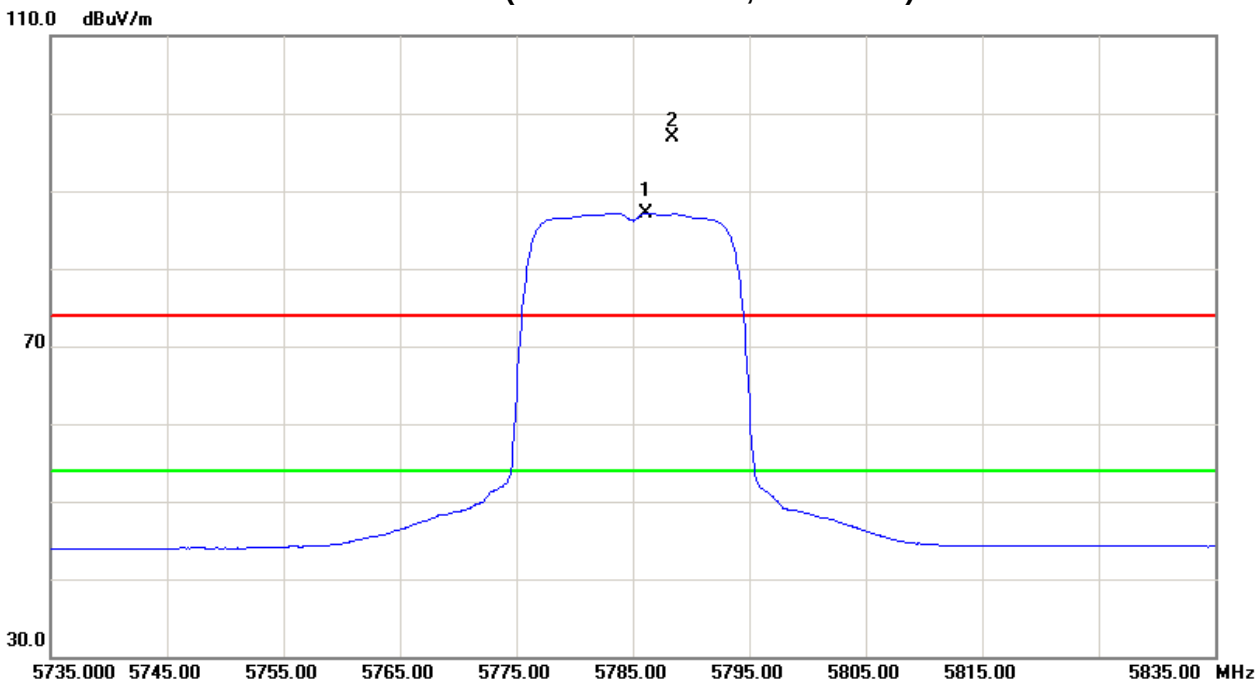
(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

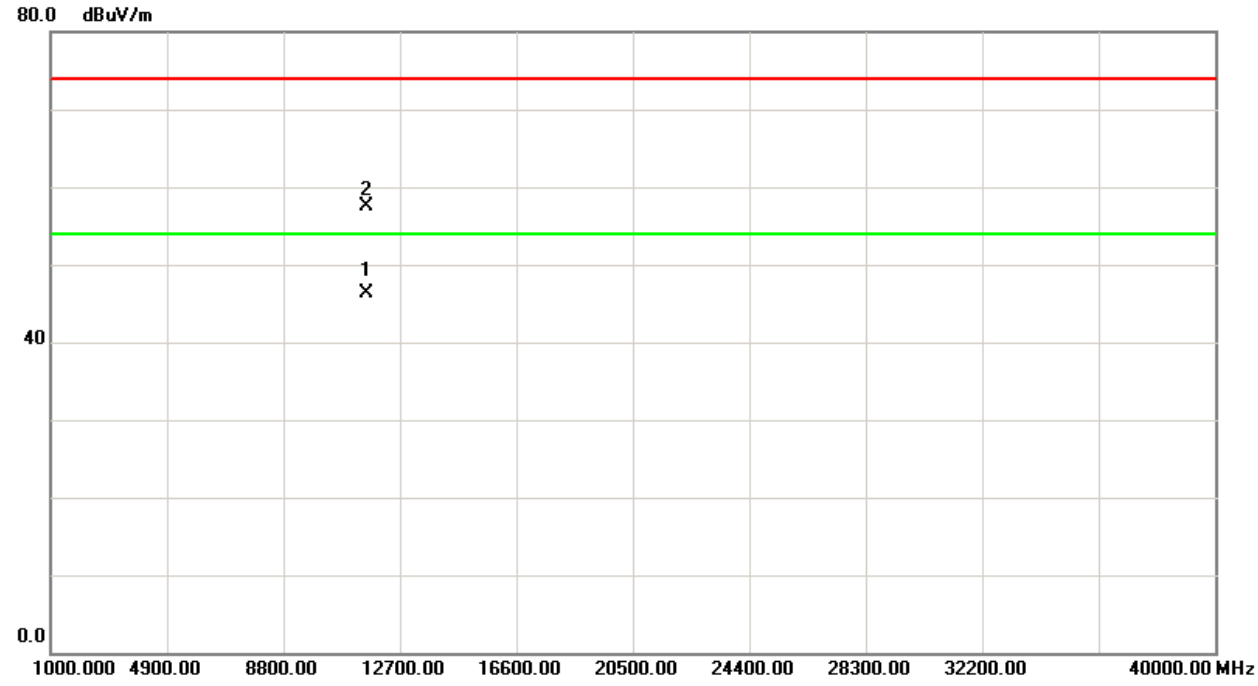
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

TX CH157 (Above 1000 MHz, Horizontal)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N20 Mode 5825MHz / Dipole Antenna with external cable		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
5819.40	**V**	**62.99**	**53.09**	**44.67**	**107.66**	**97.76**			**X/F**
#5850.00	V	12.14	3.95	44.78	56.92	48.73	87.66	77.76	X/E
11654.34	V	39.75	27.57	18.87	58.62	46.44	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

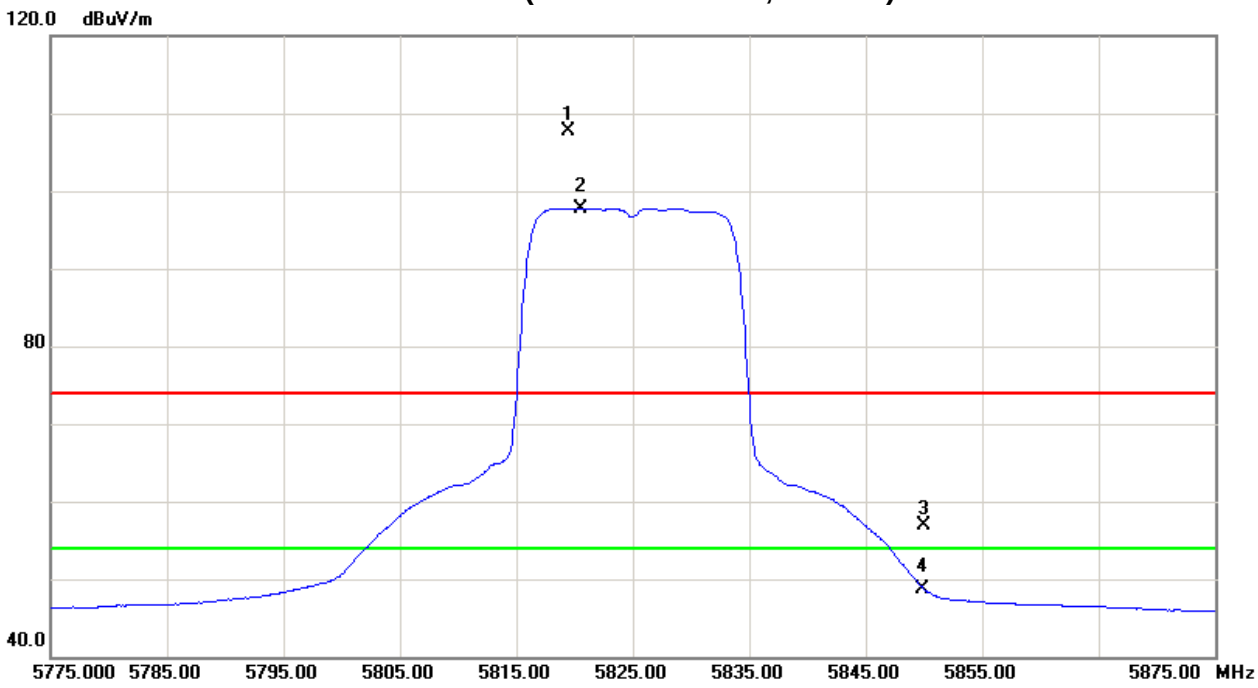
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

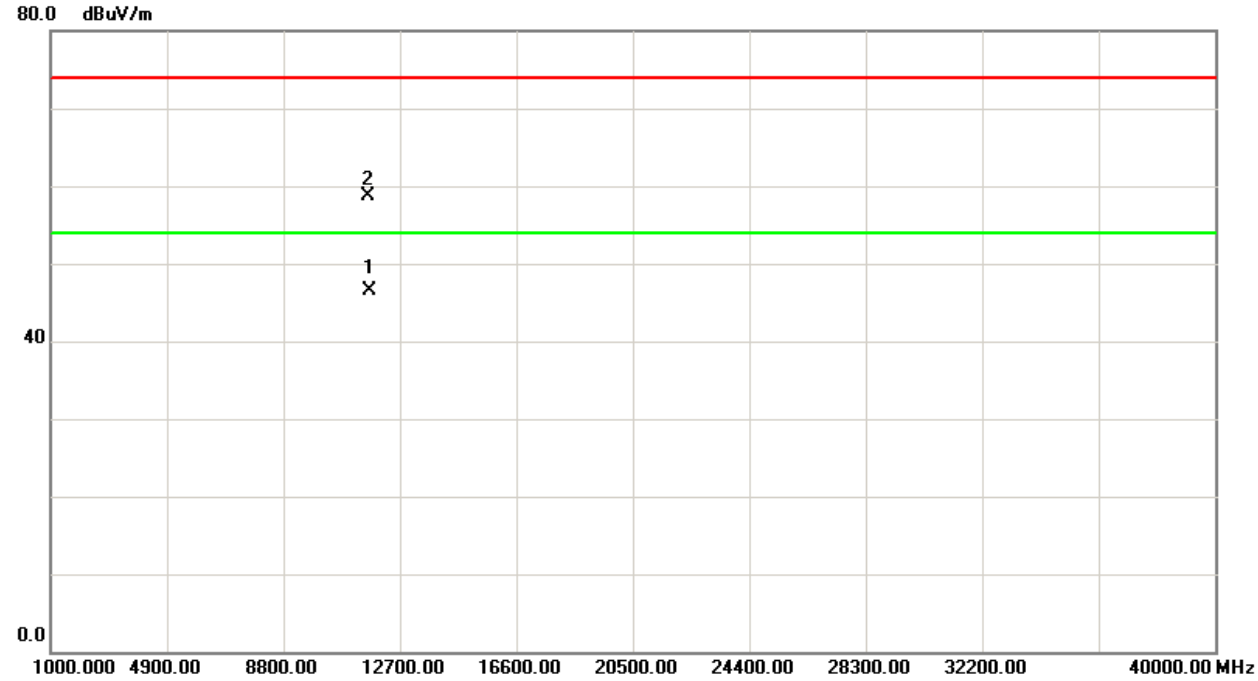
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH165 (Above 1000 MHz, Vertical)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N20Mode 5825MHz / Dipole Antenna with external cable		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
5818.40	**H**	**51.15**	**40.72**	**44.67**	**95.82**	**85.39**			**X/F**
#5850.00	H	8.24	-0.34	44.78	53.02	44.44	75.82	65.39	X/E
11643.25	H	38.46	27.35	18.85	57.31	46.20	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

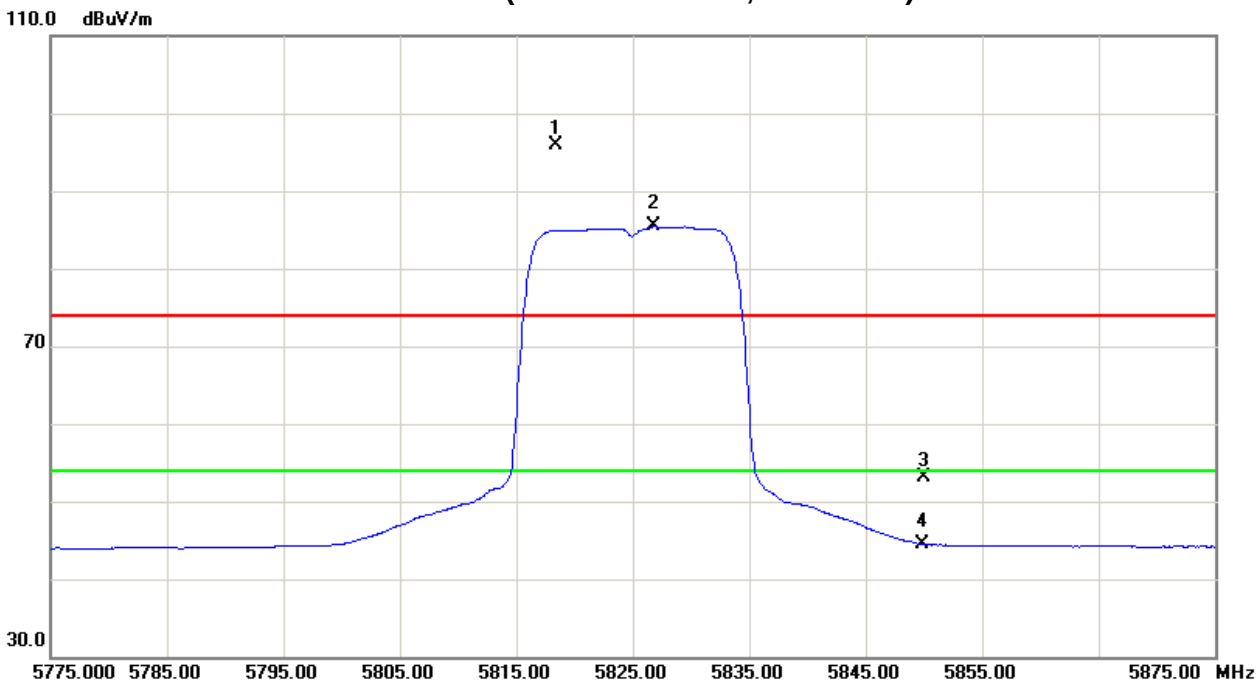
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

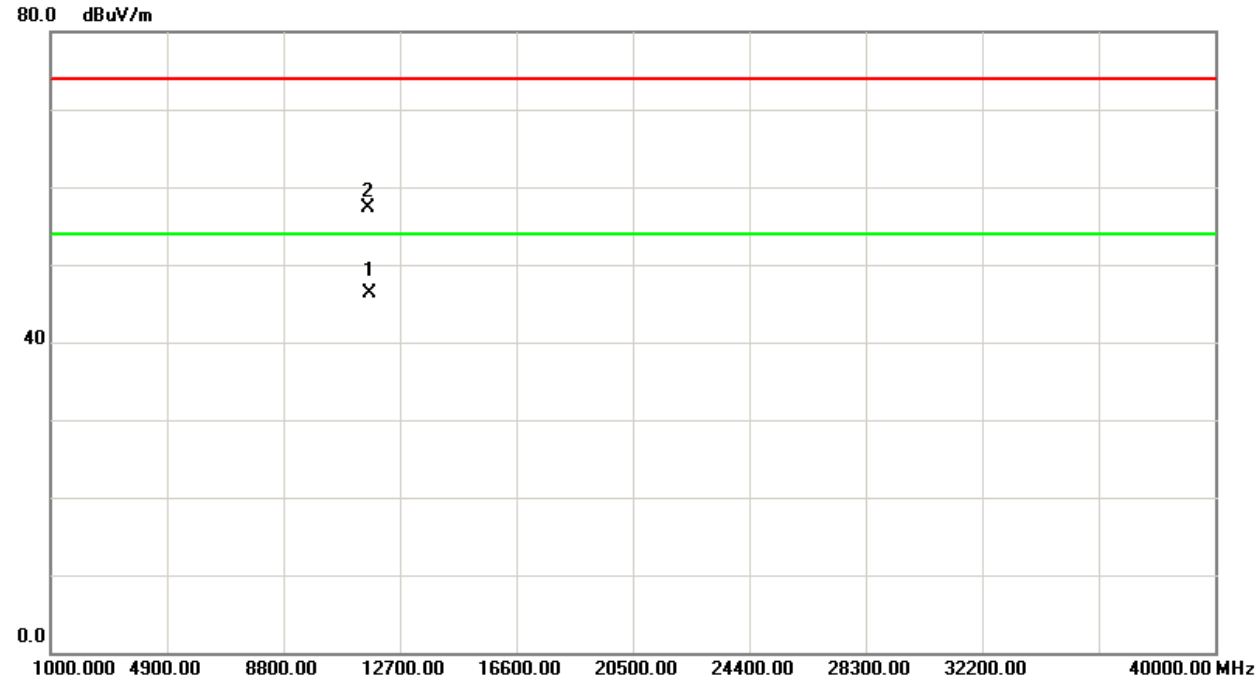
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH165 (Above 1000 MHz, Horizontal)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N40 Mode 5755MHz / Dipole Antenna with external cable		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
# 5725.00	V	14.49	3.94	44.34	58.83	48.28	78.68	68.72	X/E
5756.60	**V**	**54.22**	**44.26**	**44.46**	**98.68**	**88.72**			**X/F**
11502.34	V	35.34	23.50	18.49	53.83	41.99	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

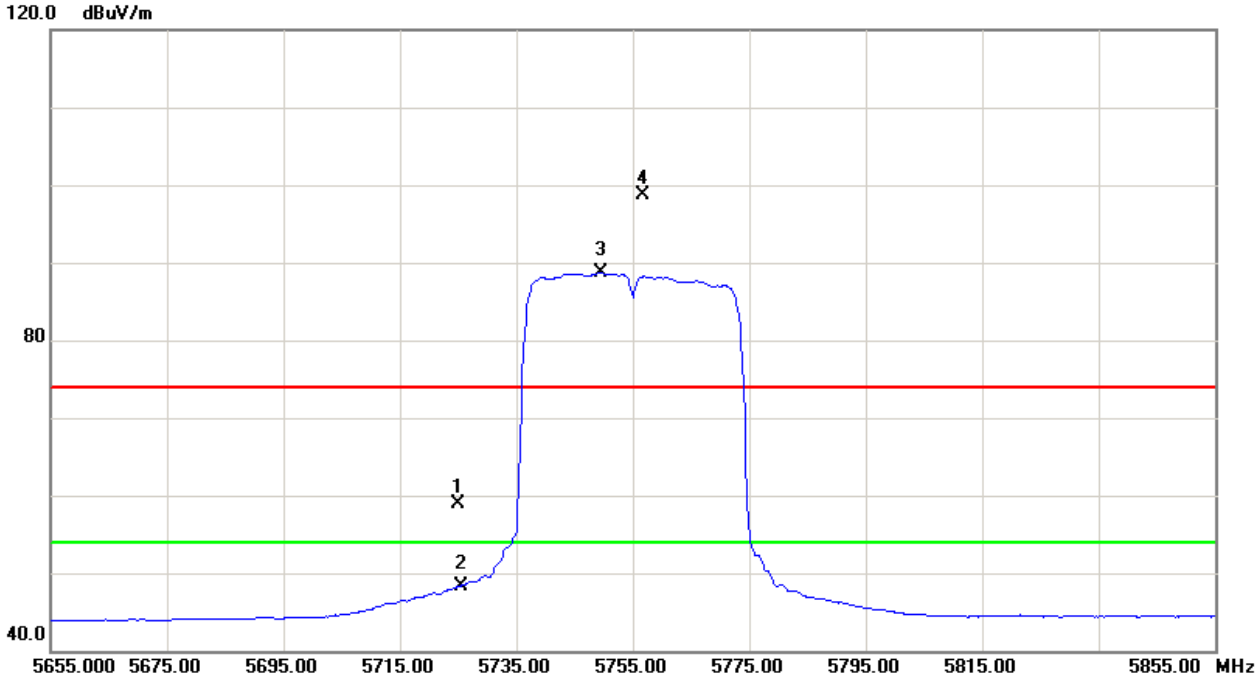
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

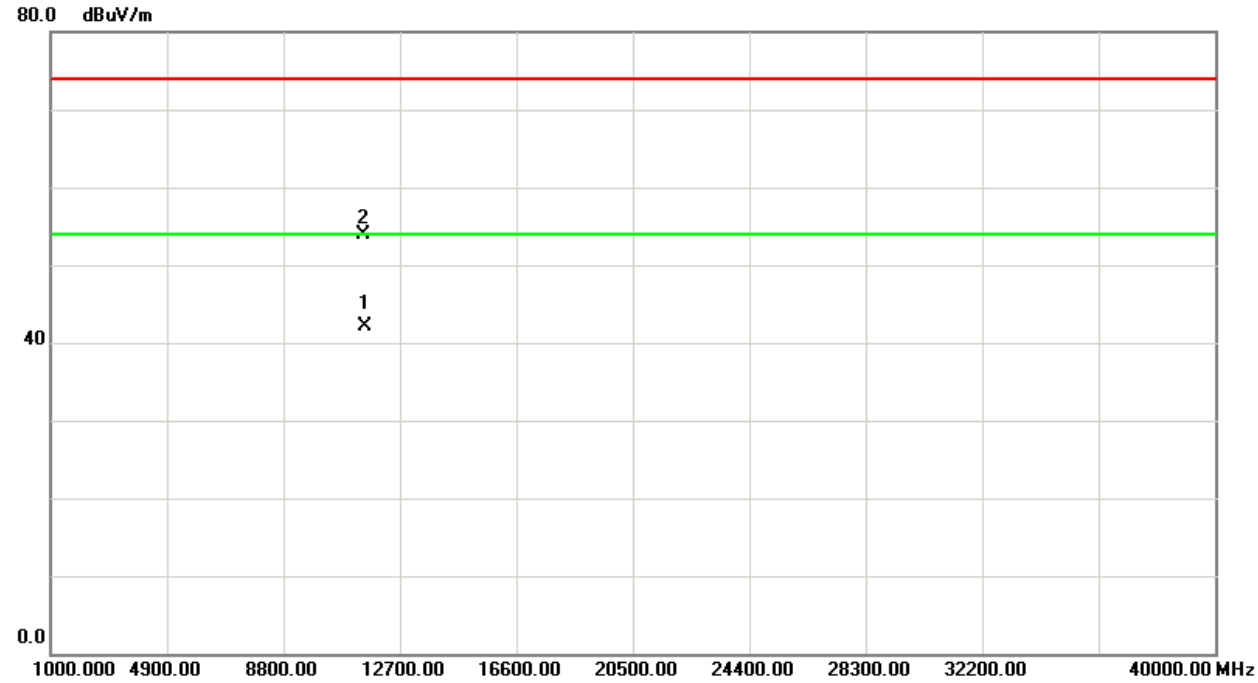
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH151 (Above 1000 MHz, Vertical)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N40 Mode 5755MHz / Dipole Antenna with external cable		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
# 5725.00	H	9.63	-0.42	44.34	53.97	43.92	67.11	57.04	X/E
5752.60	**H**	**42.66**	**32.59**	**44.45**	**87.11**	**77.04**			**X/F**
11511.24	H	35.25	23.12	18.51	53.76	41.63	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

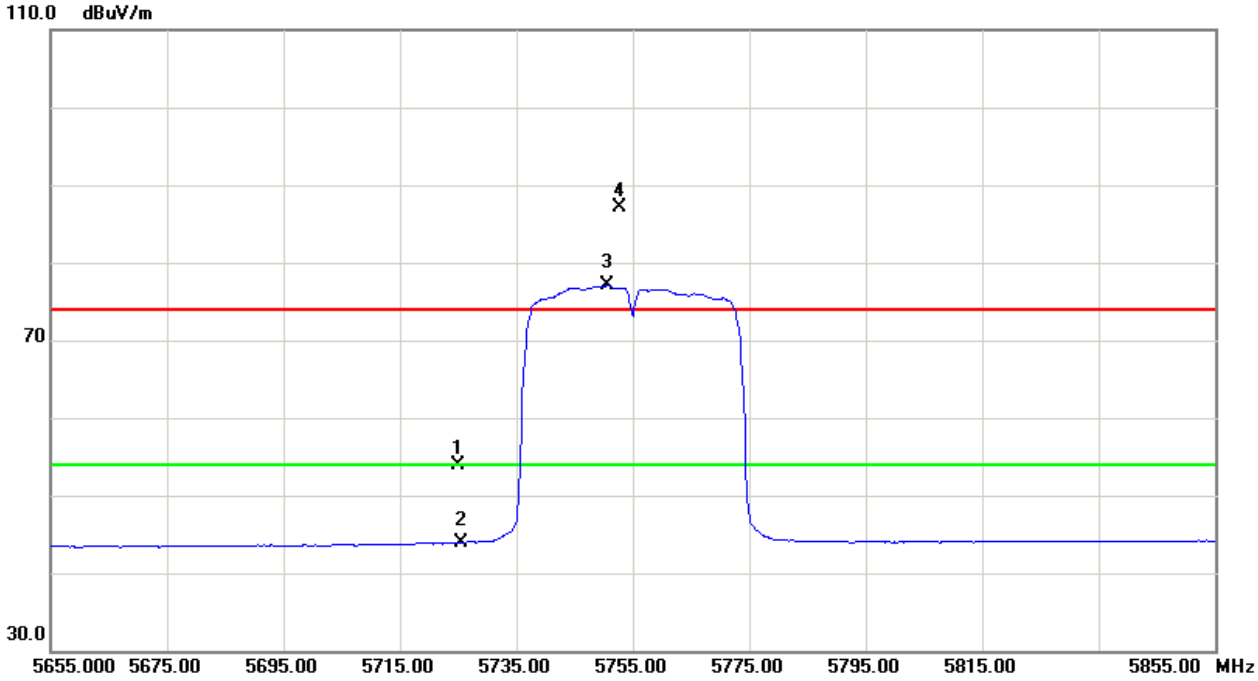
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

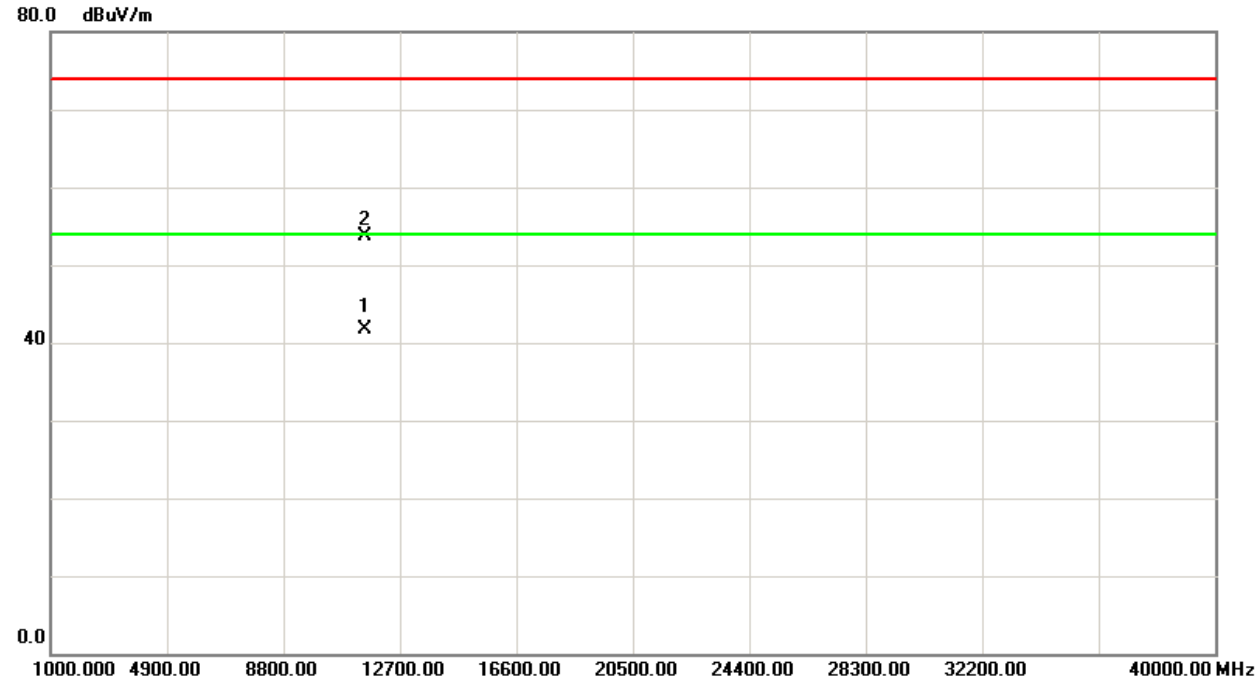
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH151 (Above 1000 MHz, Horizontal)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N40 Mode 5795MHz / Dipole Antenna with external cable		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
5796.60	**V**	**55.32**	**45.27**	**44.59**	**99.91**	**89.86**			**X/F**
#5850.00	V	9.32	-0.16	44.78	54.10	44.62	79.91	69.86	X/E
11597.23	V	35.54	23.51	18.74	54.28	42.25	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

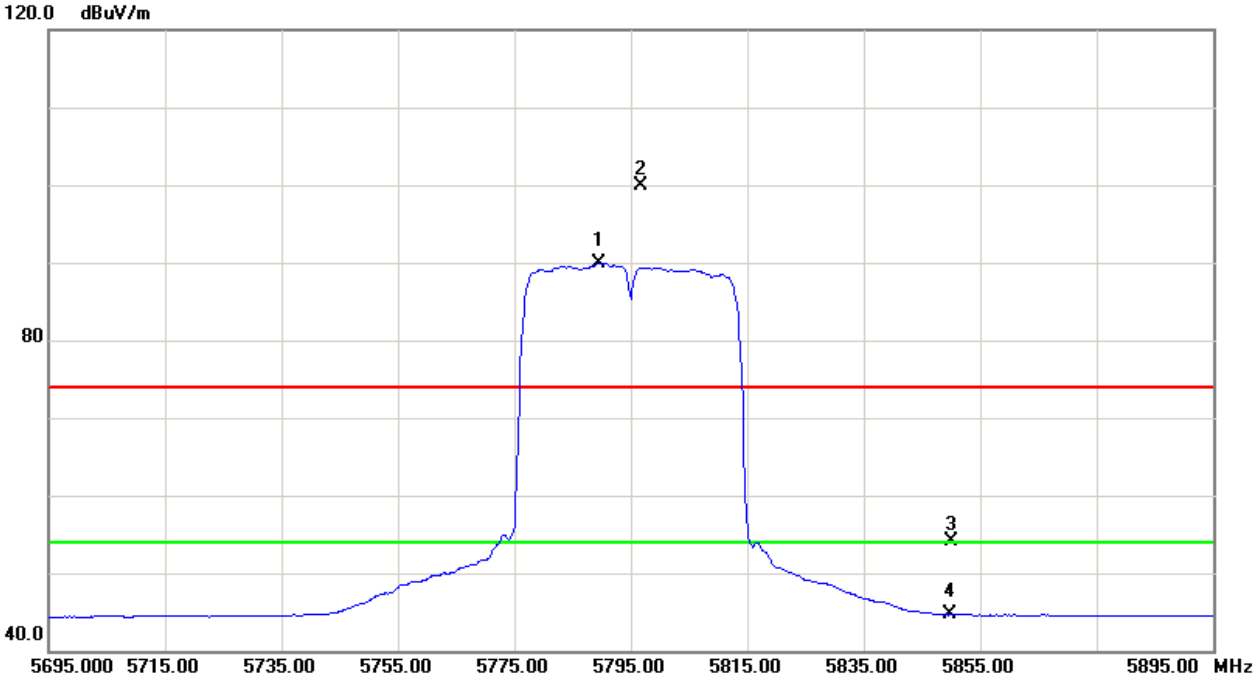
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

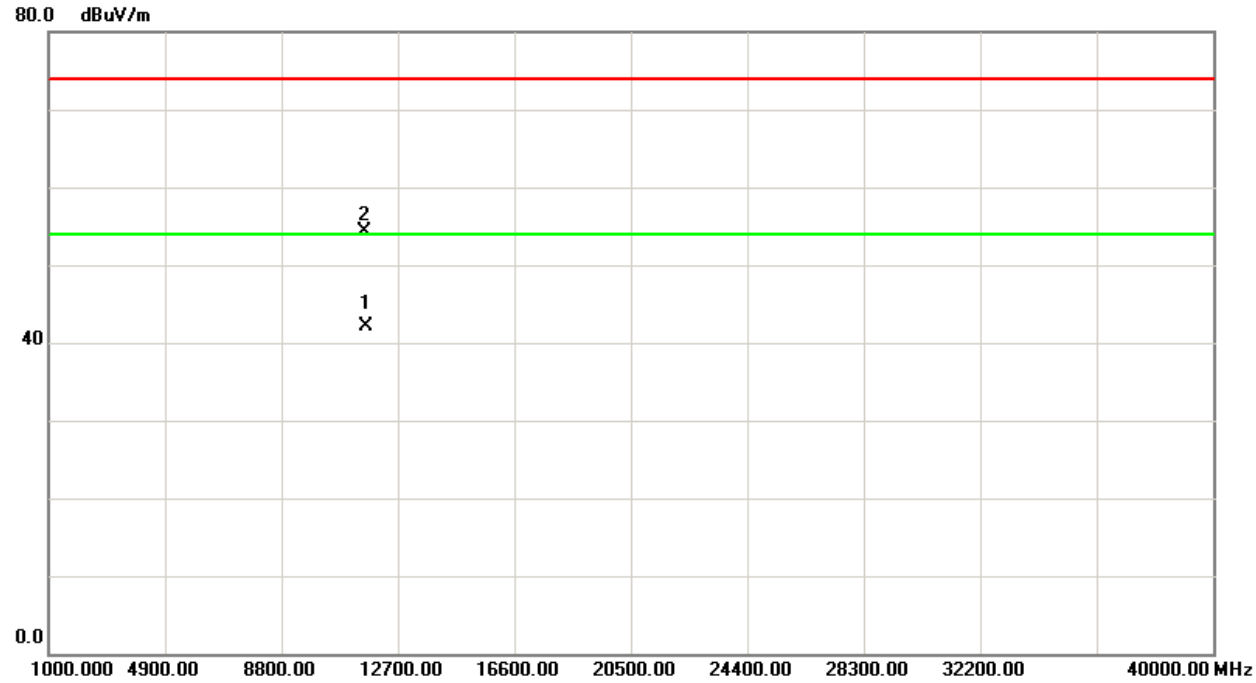
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH159 (Above 1000 MHz, Vertical)





EUT:	Cisco Edge 340	Model Name :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N40 Mode 5795MHz / Dipole Antenna with external cable		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
5784.60	**H**	**44.12**	**33.61**	**44.55**	**88.67**	**78.16**			**X/F**
#5850.00	H	9.31	-0.64	44.78	54.09	44.14	68.67	58.16	X/E
11595.14	H	35.31	23.17	18.73	54.04	41.90	74.00	54.00	X/H

Remark:

(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(2) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(3) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

(4) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

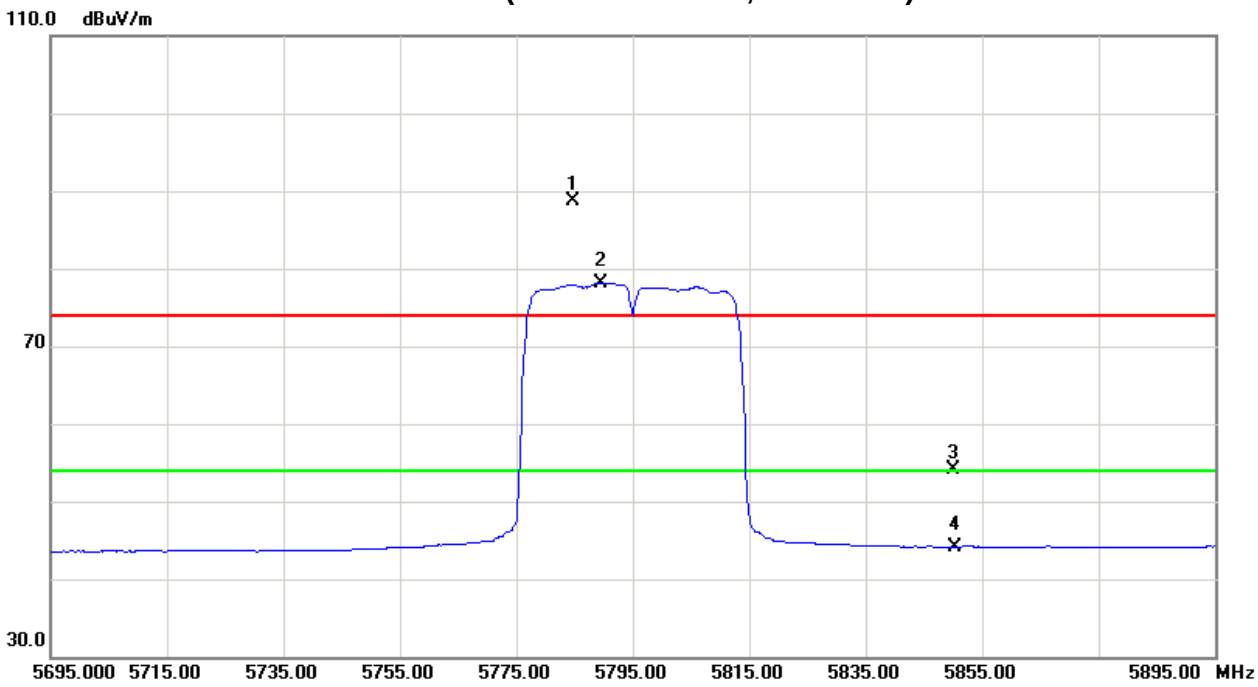
(5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

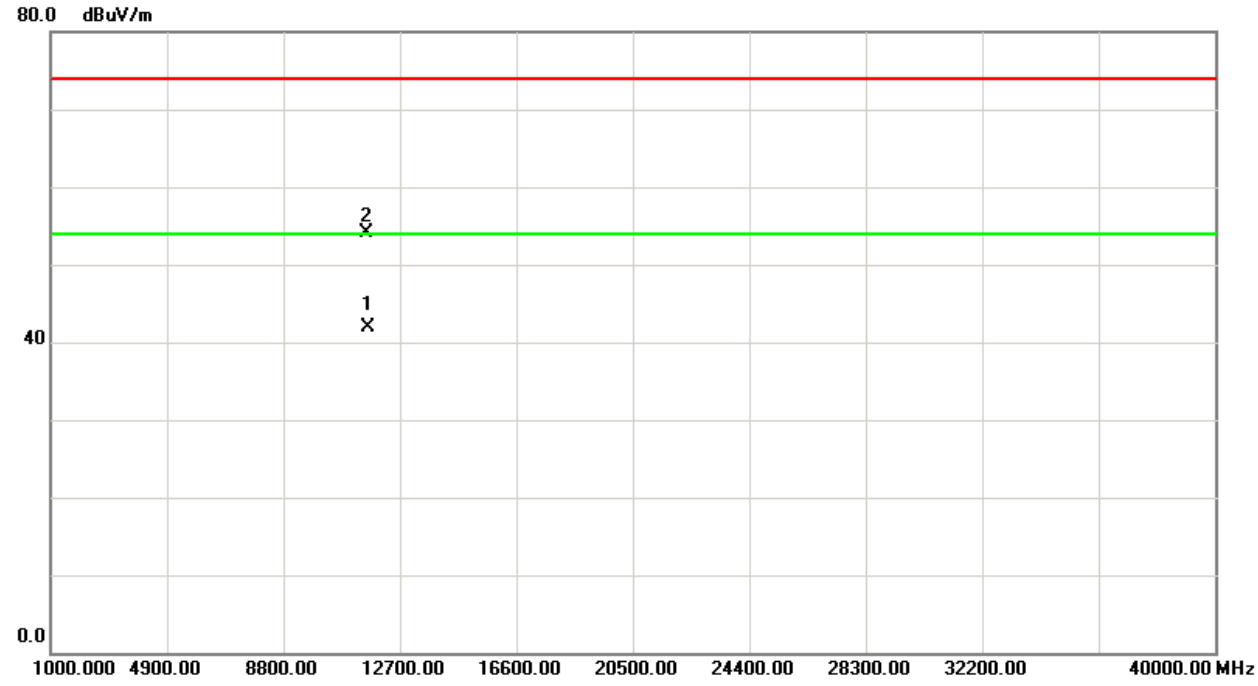
(6) EUT Orthogonal Axis:
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(7) During the measurements above 1 GHz it is taken care of that the EUT is always within the 3 dB cone of radiation BW of the used antenna

(8) "#" The radiated frequency is out of the restricted band. Limit line= fundamental - 20dB

TX CH159 (Above 1000 MHz, Horizontal)





5. BANDWIDTH TEST

5.1 Applied procedures / limit

FCC Part15 (15.247) , Subpart C/ RSS-GEN and RSS-210				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(a)(2) RSS-GEN section 4.6.1 RSS-210 Annex 8 (A8.2(a))	Bandwidth	N/A	5725 - 5825	PASS

5.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 16, 2013

Remark: “N/A” denotes no model name, serial no. or calibration specified.
All calibration period of Equipment List is One Year.

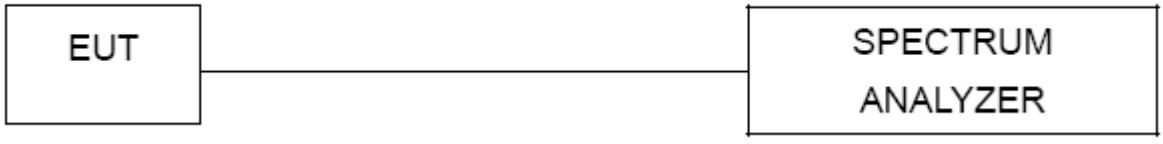
5.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
b. Spectrum Setting : RBW= 100KHz, VBW=300KHz, Sweep time = Auto

5.1.3 DEVIATION FROM STANDARD

No deviation.

5.1.4 TEST SETUP



5.1.5 EUT OPERATION CONDITIONS

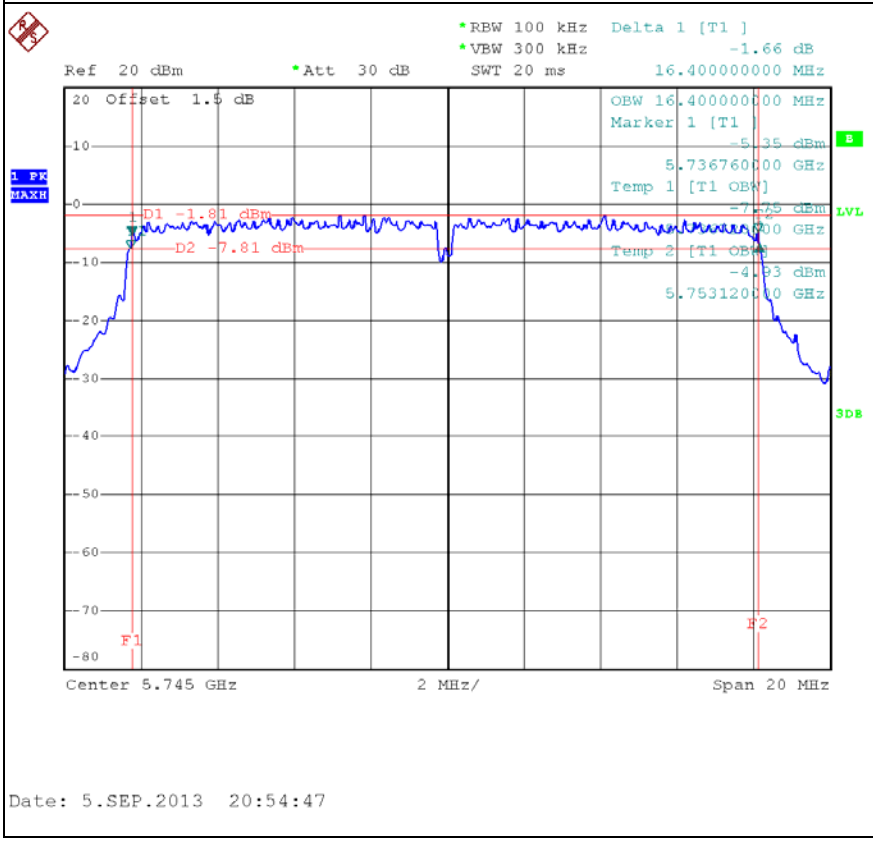
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

5.1.6 TEST RESULTS

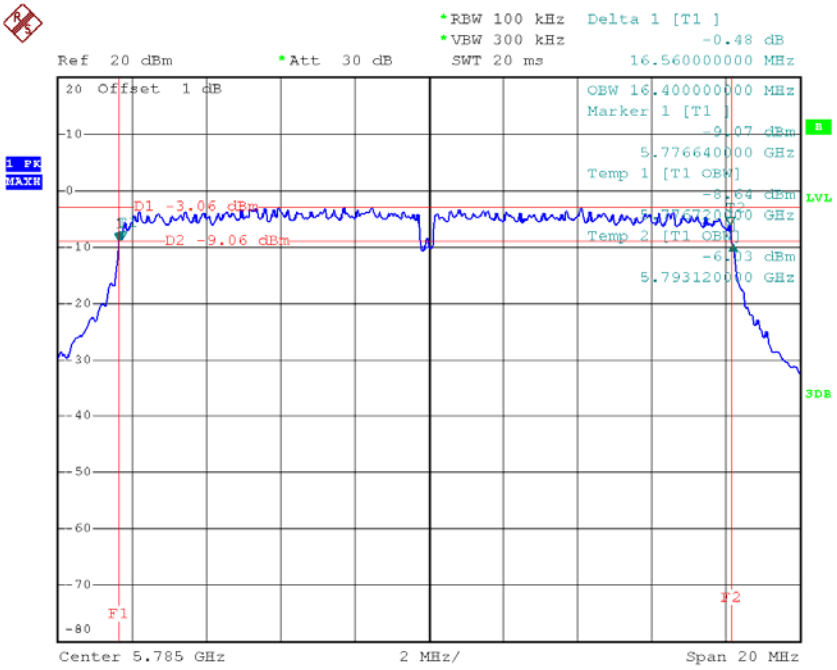
EUT:	Cisco Edge 340	Model Name. :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX A Mode /CH149, CH157, CH165 / ANT 1 / Integral Antenna		

Test Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Test Result
CH149	5745	16.40	16.40	PASS
CH157	5785	16.56	16.40	PASS
CH165	5825	16.52	16.44	PASS

TX CH149

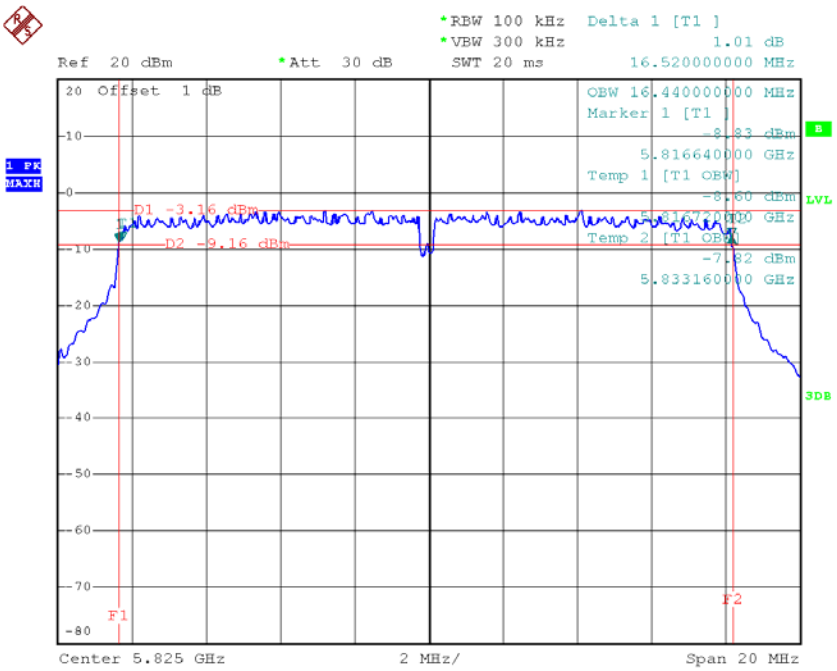


TX CH157



Date: 5.SEP.2013 21:13:21

TX CH165

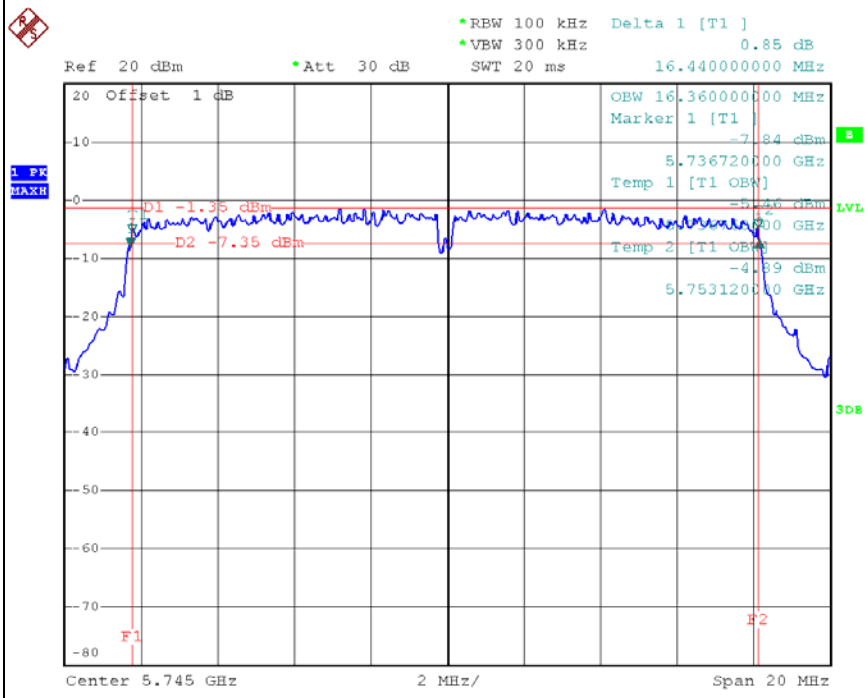


Date: 5.SEP.2013 21:04:17

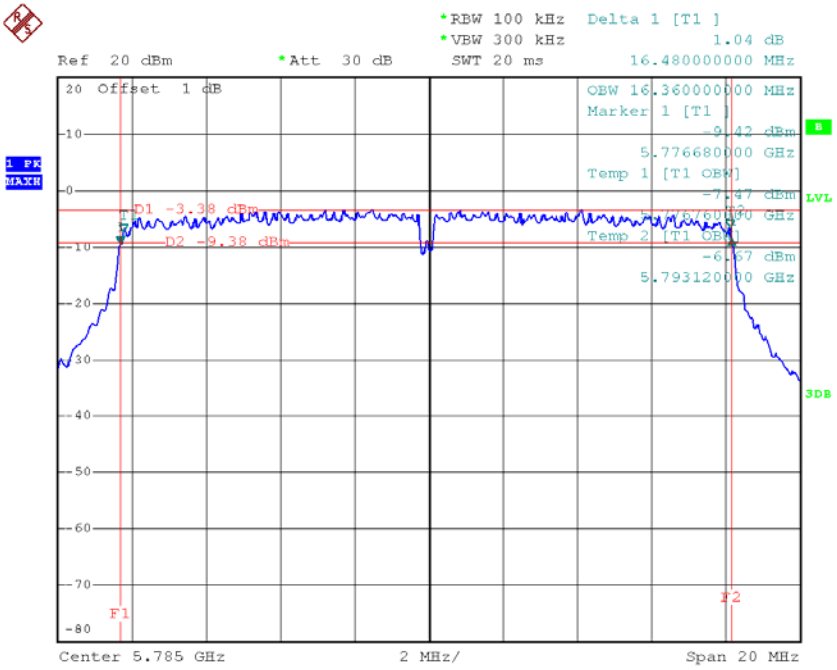
EUT:	Cisco Edge 340	Model Name. :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX A Mode /CH149, CH157, CH165 / ANT 2 / Integral Antenna		

Test Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Test Result
CH149	5745	16.44	16.36	PASS
CH157	5785	16.48	16.36	PASS
CH165	5825	16.52	16.40	PASS

TX CH149

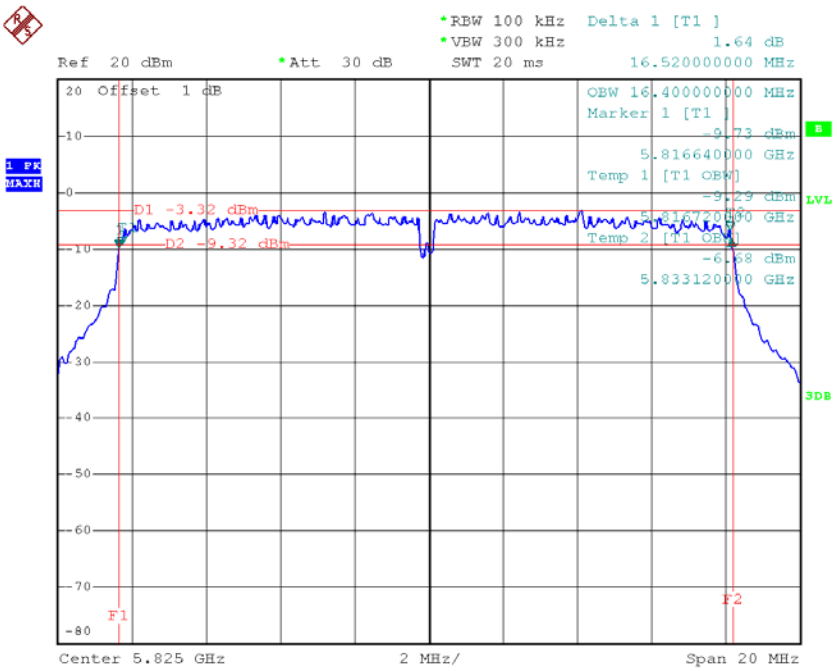


TX CH157



Date: 5.SEP.2013 21:13:56

TX CH165

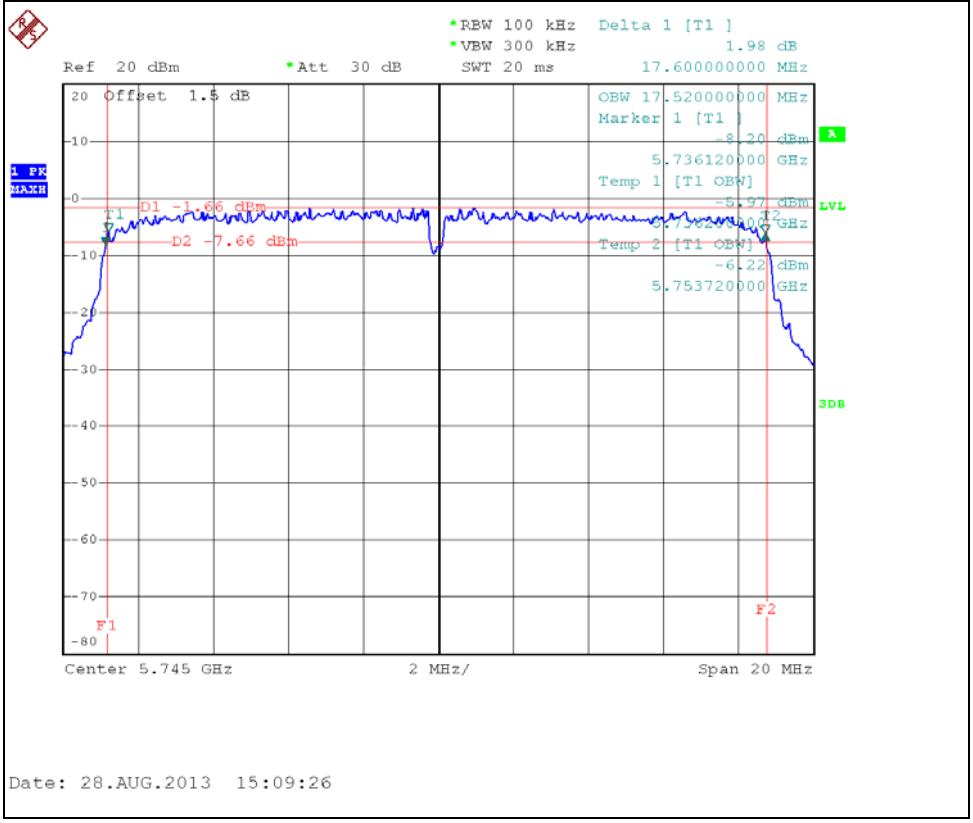


Date: 5.SEP.2013 21:05:14

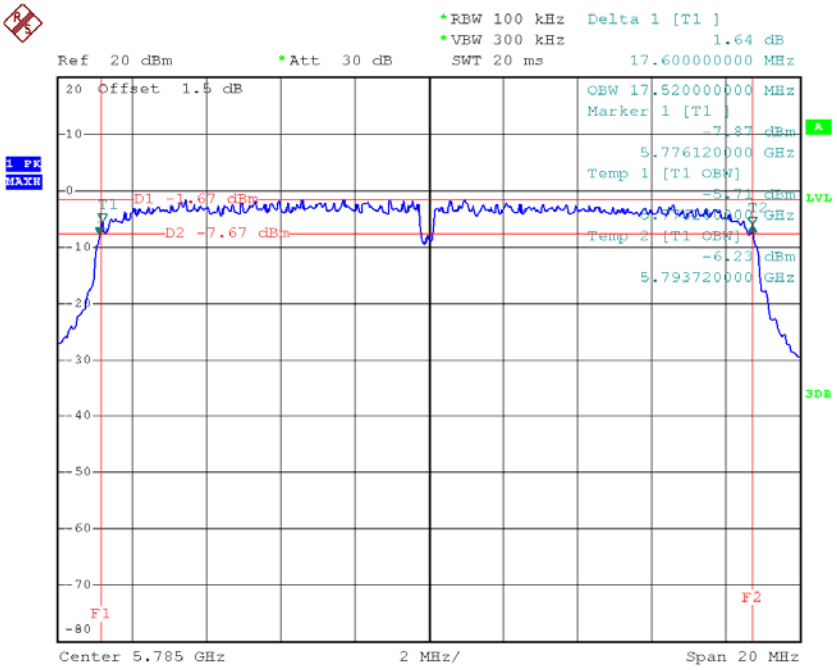
EUT:	Cisco Edge 340	Model Name. :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N20 Mode /CH149, CH157, CH165 / ANT 1 / Integral Antenna		

Test Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Test Result
CH149	5745	17.60	17.52	PASS
CH157	5785	17.60	17.52	PASS
CH165	5825	17.64	17.48	PASS

TX CH149

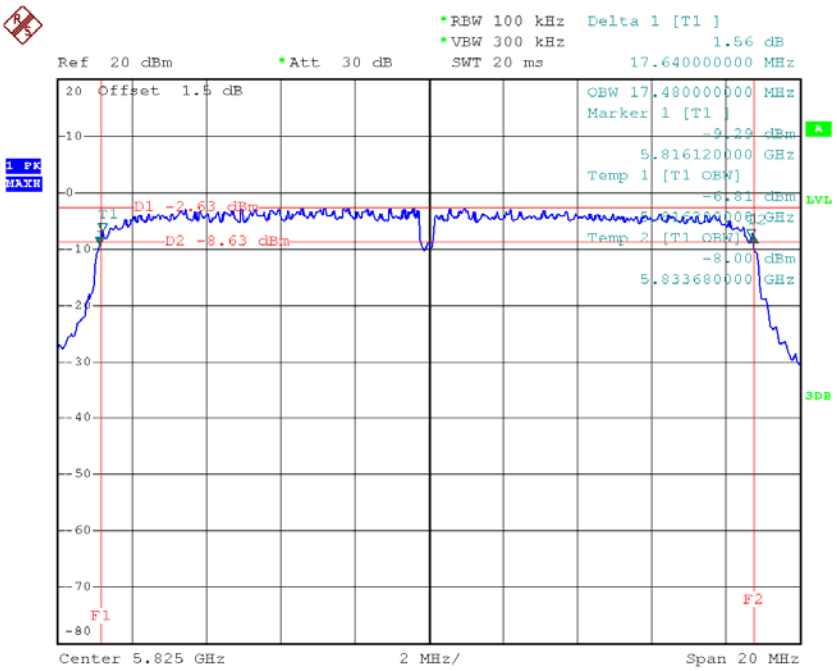


TX CH157



Date: 28.AUG.2013 15:37:31

TX CH165

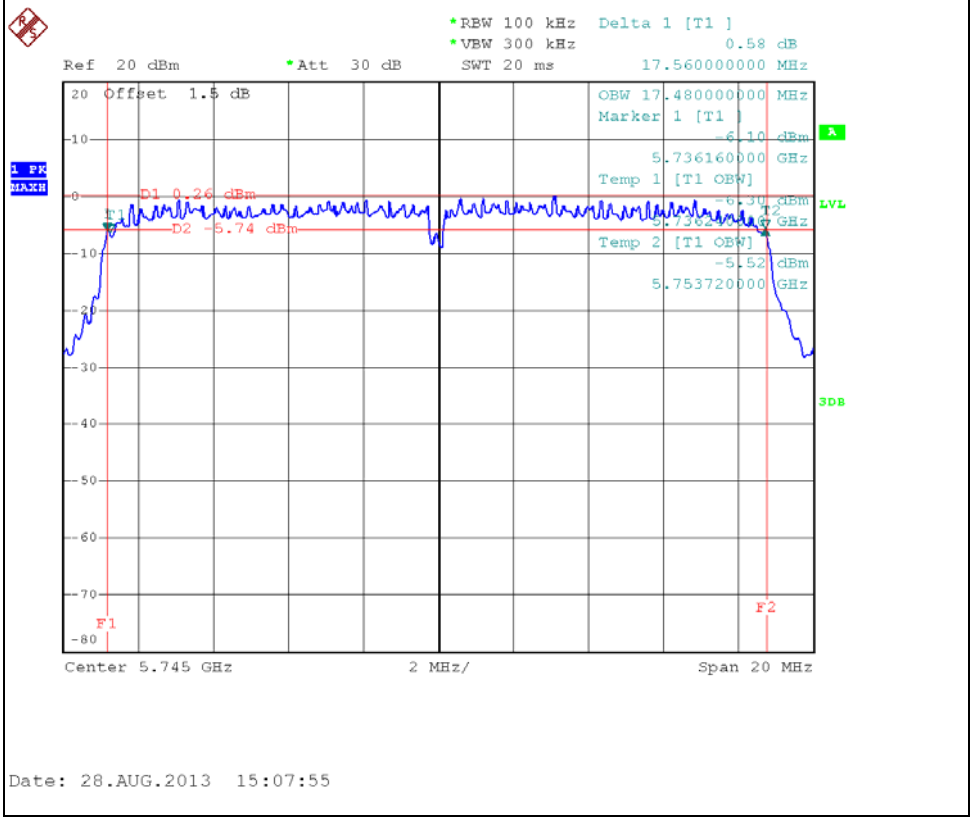


Date: 28.AUG.2013 15:27:17

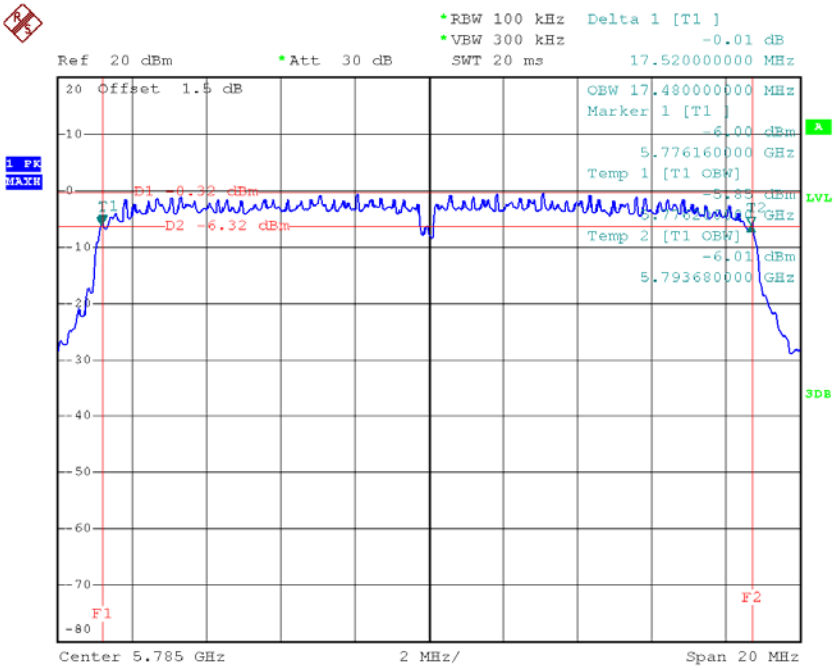
EUT:	Cisco Edge 340	Model Name. :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N20 Mode /CH149, CH157, CH165 / ANT 2 / Integral Antenna		

Test Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Test Result
CH149	5745	17.56	17.48	PASS
CH157	5785	17.52	17.48	PASS
CH165	5825	17.56	17.48	PASS

TX CH149

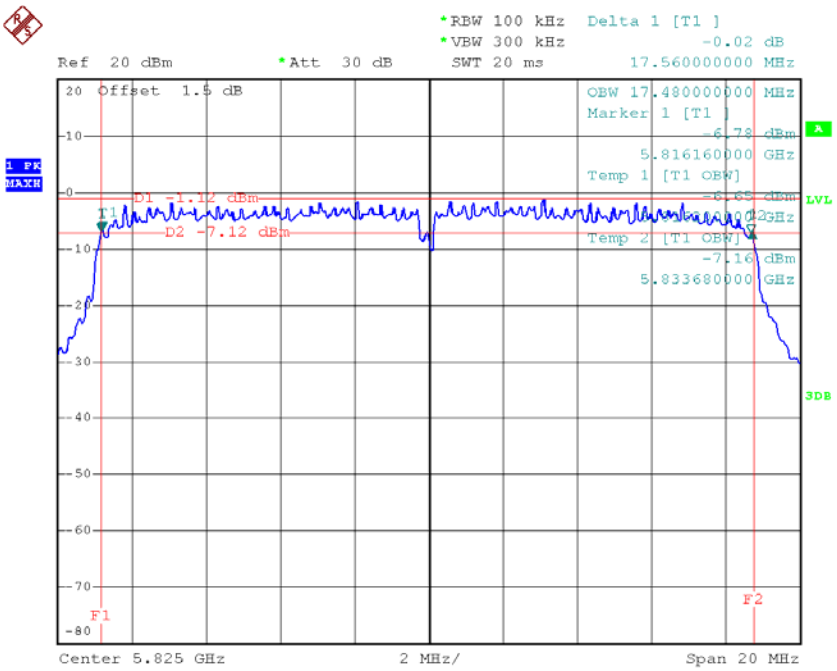


TX CH157



Date: 28.AUG.2013 15:36:54

TX CH165

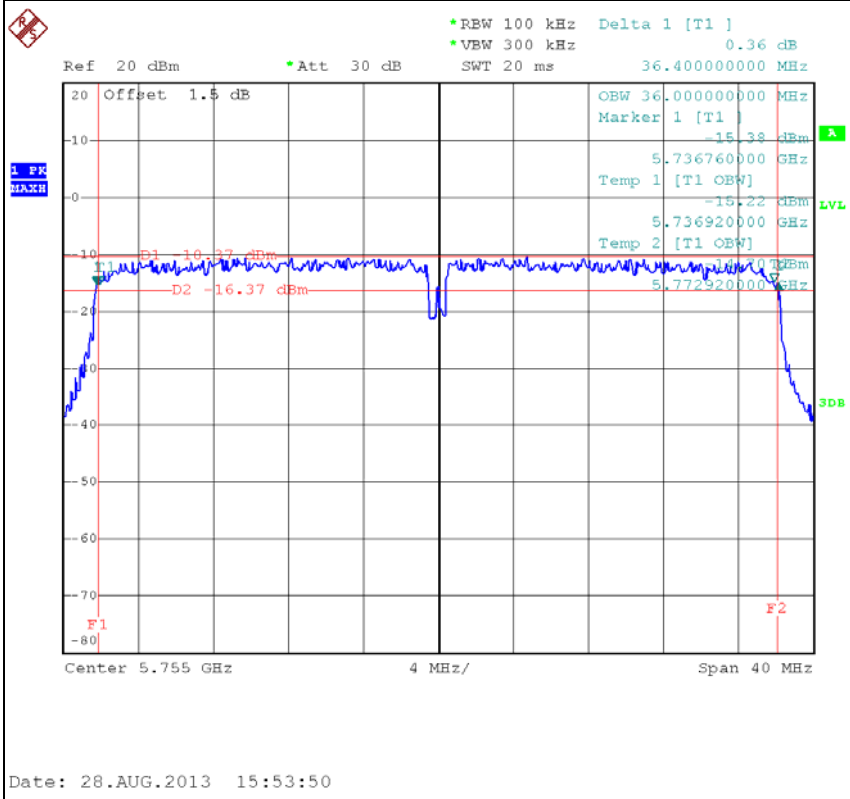


Date: 28.AUG.2013 15:28:27

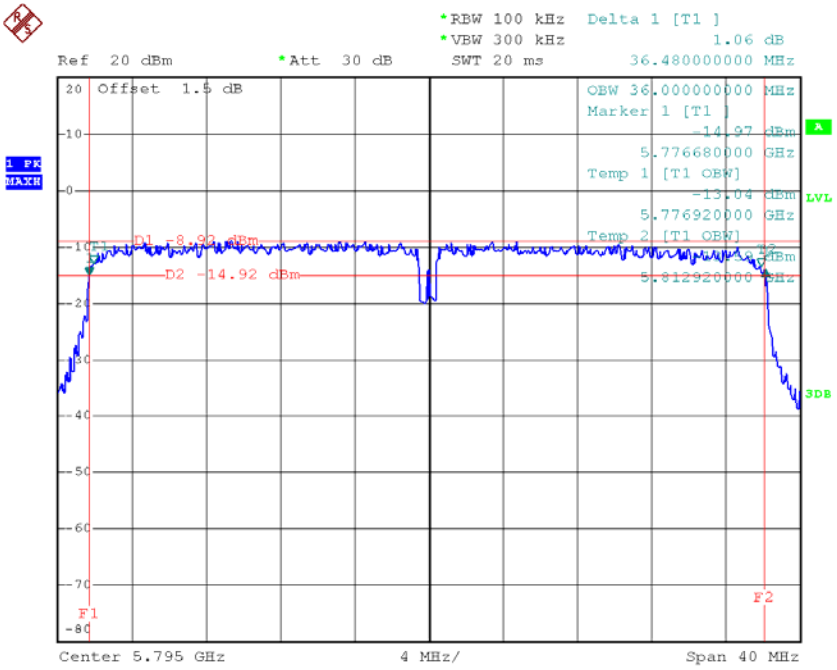
EUT:	Cisco Edge 340	Model Name. :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N40 Mode /CH151, CH159 / ANT 1 / Integral Antenna		

Test Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Test Result
CH151	5755	36.40	36.00	PASS
CH159	5795	36.48	36.00	PASS

TX CH151



TX CH159



Date: 28.AUG.2013 16:07:02

EUT:	Cisco Edge 340	Model Name. :	CS-E340W
Temperature:	25 ℃	Relative Humidity:	58 %
Pressure:	1010 hPa	Test Voltage :	AC 120V/60Hz
Test Mode :	TX N40 Mode /CH151, CH159 / ANT 2 / Integral Antenna		

Test Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Test Result
CH151	5755	36.40	35.92	PASS
CH159	5795	36.40	36.00	PASS

TX CH151