



FCC TEST REPORT

Issued Date : Nov. 04, 2013
Project No. : 1309C142
Equipment : Cisco TelePresence Touch 10
Model Name : TTC5-09
Applicant : Hon Hai Precision Ind. Co.,Ltd.
Address : 5F-1, 5, Hsin-An Road, Hsinchu
Science-Based Industrial Park, Taiwan,
R.O.C.

Tested by: Neutron Engineering Inc. EMC Laboratory
Date of Receipt: Oct. 10, 2013
Date of Test: Oct. 10, 2013 ~ Nov. 01, 2013

NEUTRON ENGINEERING INC.

B1, No.37, Lane 365, Yang Guang St., NeiHu
District 114., Taipei, Taiwan
TEL : (02) 2657-3299 FAX : (02) 2657-3331





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 **R.O.C.**, or National Institute of Standards and Technology (**NIST**) of **U.S.A.**

Neutron's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **Neutron** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **Neutron** issued reports.

Neutron's reports must not be used by the client to claim product endorsement by the authorities or any agency of the Government.

This report is the confidential property of the client. As a mutual protection to the clients, the public and **Neutron-self**, extracts from the test report shall not be reproduced except in full with **Neutron's** authorized written approval.

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.



Table of Contents	Page
REPORT ISSUED HISTORY	4
1 . CERIFICATION	5
2 . SUMMARY OF TEST RESULTS	6
2.1 TEST FACILITY	7
2.2 MEASUREMENT UNCERTAINTY	7
3 . GENERAL INFORMATION	8
3.1 GENERAL DESCRIPTION OF EUT	8
3.2 DESCRIPTION OF TEST MODES	9
3.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	10
3.4 DESCRIPTION OF SUPPORT UNITS	11
4 . EMC EMISSION TEST	12
4.1 CONDUCTED EMISSION MEASUREMENT	12
4.1.1 POWER LINE CONDUCTED EMISSION	12
4.1.2 MEASUREMENT INSTRUMENTS LIST	12
4.1.3 TEST PROCEDURE	13
4.1.4 DEVIATION FROM TEST STANDARD	13
4.1.5 TEST SETUP	13
4.1.6 EUT OPERATING CONDITIONS	13
4.1.7 TEST RESULTS	14
4.2 RADIATED EMISSION MEASUREMENT	15
4.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT	15
4.2.2 MEASUREMENT INSTRUMENTS LIST	16
4.2.3 TEST PROCEDURE	17
4.2.4 DEVIATION FROM TEST STANDARD	17
4.2.5 TEST SETUP	18
4.2.6 EUT OPERATING CONDITIONS	18
4.2.7 TEST RESULTS-BETWEEN 30MHZ AND 1000MHZ	19
4.2.8 TEST RESULTS-ABOVE 1000MHZ	36



REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
NEI-FCCE-1-1309C142	Original Issue	Nov. 04, 2013



2. SUMMARY OF TEST RESULTS

EMISSION			
Standard(s)	Test Type	Result	Remarks
FCC Part 15, Subpart B: 2012 Class B	Conducted emission test	N/A	
	Radiated emission test	PASS	Meet the requirement of limit. Minimum passing margin is -7.40 dB at 481.05MHz



2.1 TEST FACILITY

The test facilities used to collect the test data in this report is **C02/CB08** at the location of 1F., No. 61, Ln. 77, Sing-ai Rd., Neihu Dist., Taipei City 114, Taiwan.

C02 : (VCCI RN: C-3477; FCC RN: 614388 & DN: TW1054)

CB08 : (VCCI RN: G-91; FCC RN: 614388 & DN: TW1054; IC Assigned Code: 4428C-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 $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately **95%**.

Measurement	Frequency	Uncertainty
Conducted emissions	150kHz ~ 30MHz	2.59 dB
Radiated emission	30MHz ~ 1GHz	3.55 dB
	Above 1GHz	4.05 dB



3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Cisco TelePresence Touch 10
Brand Name	Cisco
Model Name	TTC5-09
OEM Brand/Model Name	N/A
Model Difference	N/A
Product Description	More details of EUT technical specification, please refer to the User's Manual.
Power Source	PoE
Power Rating	DC 48V 0.25A
Connecting I/O Port(s)	USB port*2 Audio out port Ethernet port Micro USB port Micro HDMI port Bluetooth NFC

NOTE:

- (1) The EUT's highest working frequency is 2.4GHz.
- (2) The above EUT information was declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or User's Manual.



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.

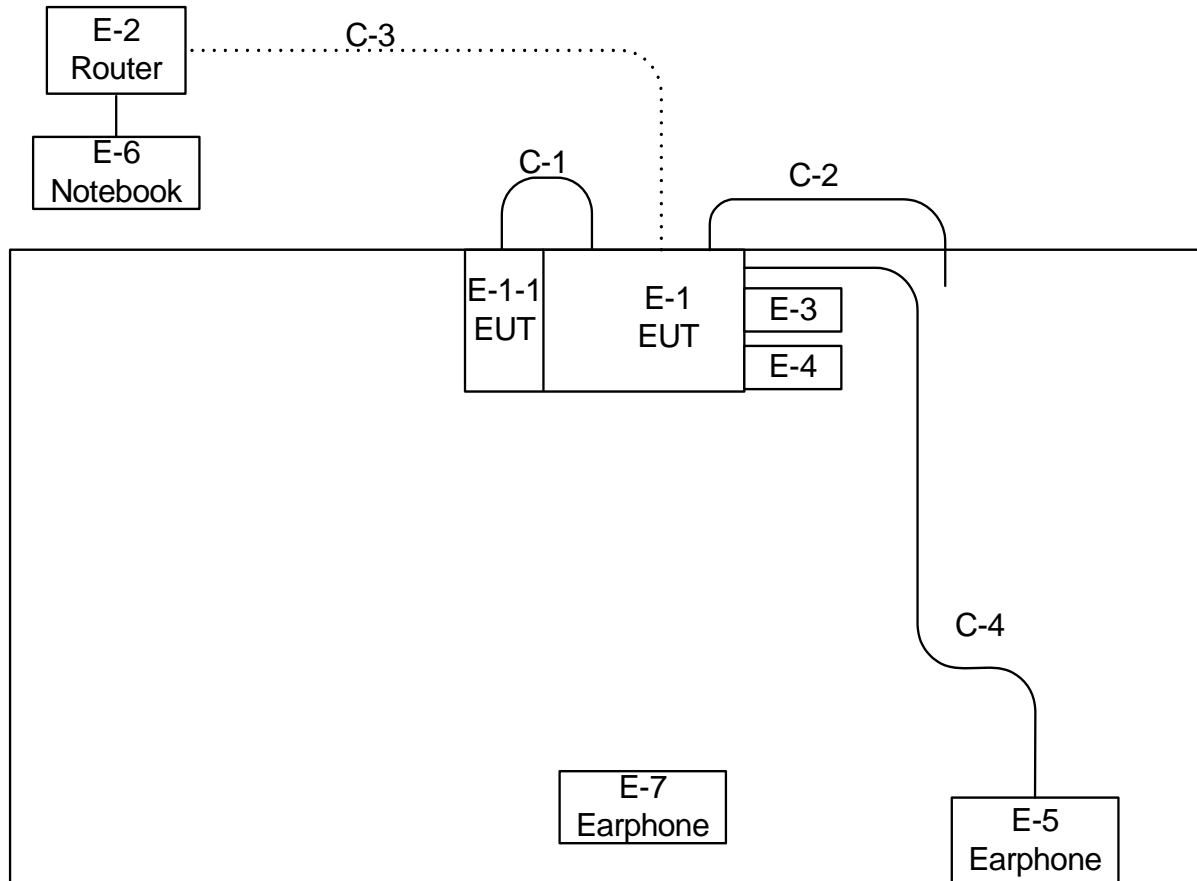
Pretest Mode	WORK MODE	LINK SPEED
Mode 1	Video+Network+CPU+USB+Speaker	100Mbps 10Mbps
Mode 2	Video+Network+CPU+USB+Handset	
Mode 3	Video+Network+CPU+USB+Headset	
Mode 4	Video+Network+CPU+USB+Bluetooth	
Mode 5	Drawing	
Mode 6	NFC	

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

For Radiated Test		
Final Test Mode	WORK MODE	LINK SPEED
Mode 1	Video+Network+CPU+USB+Speaker	100Mbps 10Mbps
Mode 2	Video+Network+CPU+USB+Handset	
Mode 3	Video+Network+CPU+USB+Headset	
Mode 4	Video+Network+CPU+USB+Bluetooth	
Mode 5	Drawing	
Mode 6	NFC	

3.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

For emission test



C-1 Micro HDMI Cable
 C-2 Micro USB Cable(for upgrade used)
 C-3 RJ45 Cable
 C-4 Earphone Cable
 E-3 Flash Disk
 E-4 Flash Disk

Item	Shielded Type	Ferrite Core	Length	Note
C-1	YES	NO	0.14m	Between the EUT and the EUT
C-2	YES	NO	1m	For upgrade used
C-3	NO	NO	15m	Between the EUT and a Router
C-4	NO	NO	1.5m	Between the EUT and a Earphone

Note:

- (1) The support equipment was authorized by Declaration of Conformity.
- (2) For detachable type I/O cable should be specified the length in m in 『Length』 column.



3.4 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.

For emission test

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.	Note
E-1 E-1-1	Cisco TelePresence Touch 10	Cisco	TTC5-09	DOC	N/A	EUT
E-2	Router	Cisco	Cisco 897A	DOC	FGL16222621	
E-3	Flash Disk	Kingston	DTI/1GB	DOC	39621564-014D517	
E-4	Flash Disk	Kingston	DTI/1GB	DOC	520B21E4-819957C	
E-5	Earphone	Apple	N/A	DOC	N/A	
E-6	Notebook	HP	8460P	DOC	CNU1301BJ3	
E-7	Earphone	N/A	N/A	DOC	N/A	



4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION (FREQUENCY RANGE 150KHZ-30MHZ)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	73.00	60.00	60.00	50.00

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.
- (3) All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

4.1.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	TWO-LINE V-NETWORK	R&S	ENV216	101084	Oct. 04, 2014
2	Test Cable	TIMES	CFD300-NL	C02	Jun. 16, 2014
3	EMI Test Receiver	Agilent	N9038A	MY51210215	Feb. 25, 2014
4	Measurement Software	EZ	EZ_EMG (Version NB-03A)	N/A	N/A

Note:

- (1) The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
- (2) The test was performed in C02.
- (3) The VCCI Site Registration No. is C-3477.(C02)

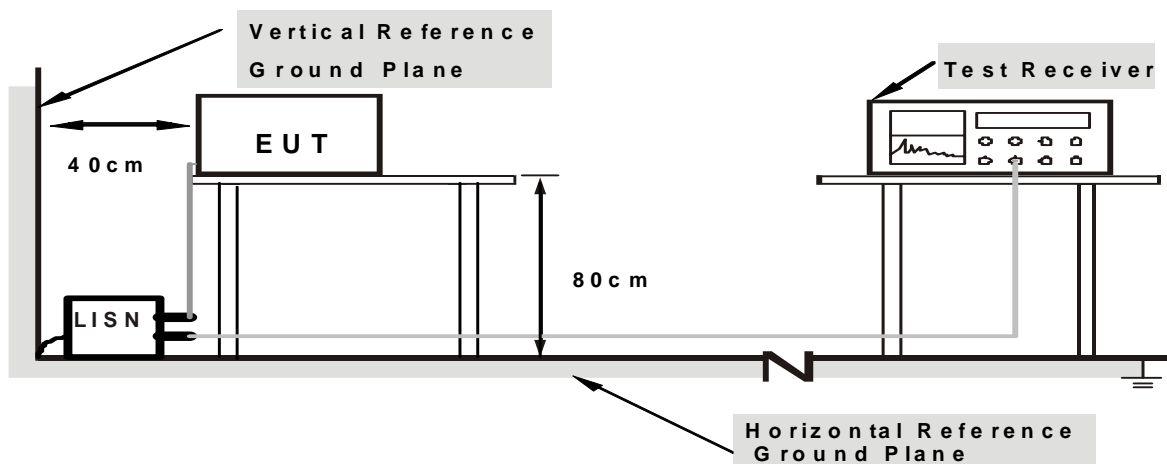
4.1.3 TEST PROCEDURE

- 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.
- 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.
- 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.
- LISN at least 80 cm from nearest part of EUT chassis.
- The frequency range from 150 kHz to 30 MHz was searched.
- 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:**
- Support units were connected to second LISN.
 - Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

4.1.6 EUT OPERATING CONDITIONS

The EUT exercise program used during radiated and/or conducted emission measurement was designed to exercise the various system components in a manner similar to a typical use.

- USB Port: One USB port connected to speaker, two USB ports connected to USB Flash Disk and the other for software upgrade used.
- Audio IN/OUT: EUT connected to earphone device.
- Ethernet port: EUT provides a 10/100Mbps connected to Router.
- EUT connected to NFC card via NFC function.
- EUT connected to earphone via bluetooth function.
- Packet size: 100Mbps and 10Mbps port of 10%. ISN Test condition of 10%.



4.1.7 TEST RESULTS

E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	N/A	Relative Humidity :	N/A
Pressure :	N/A	Test Power :	N/A
Test Mode :	N/A		

Note:

" N/A" denotes test is not applicable in this Test Report

Remark

- (1) Reading in which marked as QP means measurements by using are Quasi-Peak Mode with Detector BW=9KHz; SPA setting in RBW=10KHz,VBW =10KHz, Swp. Time = 0.2 sec./MHz ◦
Reading in which marked as AV means measurements by using are Average Mode with instrument setting in RBW=10KHz,VBW=10KHz, Swp. Time =0.2 sec./MHz ◦
- (2) Margin value = Measurement level – Limit value.
Correct factor = Insertion loss + Cable loss.
Measurement level = Correct factor + Reading level.
- (3) Measuring frequency range from 150KHz to 30MHz ◦



4.2 RADIATED EMISSION MEASUREMENT

4.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT (BELOW 1000MHZ)

FREQUENCY (MHz)	at 3m (dBuV/m)
30 – 88	40
88 – 216	43.5
216 - 960	46
960 - 1000	54

LIMITS OF RADIATED EMISSION MEASUREMENT (ABOVE 1000MHZ)

FREQUENCY (MHz)	Class A (dBuV/m) (at 3m)		Class B (dBuV/m) (at 3m)	
	PEAK	AVERAGE	PEAK	AVERAGE
Above 1000	80	60	74	54

Notes:

- (1) The lower limit shall apply at the transition frequencies.
- (2) Emission level (dBuV/m) = 20 log Emission level (uV/m).
- (3) All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

FREQUENCY RANGE OF RADIATED MEASUREMENT

Highest frequency generated or used with the EUT or on which the EUT operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 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

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	3m Chamber	ETS	CB08	N/A	Aug. 01, 2014
2	Log-Bicon Antenna	Schwarzbeck	VULB 9168	9168-352	Jun. 18, 2014
3	Pre-Amplifier	EMC	EMC330	980001	Jul. 17, 2014
4	Test Cable	TIMES	LMR-400	12M	May 14, 2014
5	Test Cable	TIMES	LMR-400	3M	May 14, 2014
6	Spectrum Analyzer	R&S	FSP-40	100129	Oct. 01, 2014
7	EMI Test Receiver	Agilent	N9038A	MY51210215	Feb. 25, 2014
8	Horn Antenna (1G)	Schwarzbeck	BBHA 9120 D	9120D-325	Jun. 15, 2014
9	Pre_Amplifier	Agilent	8449B	3008A01714	Apr. 16, 2014
10	Microflex Cable	HARBOUR INDUSTRIES	27478 LL142	1M	May 13, 2014
11	Microflex Cable	AISI	S104-SMAP-1	10M	May 15, 2014
12	Microflex Cable	HARBOUR INDUSTRIES	27478 LL142	3M	May 13, 2014
13	Spectrum Analyzer	R&S	FSP-40	100129	Oct. 01, 2014
14	Band Reject Filter	Wainwright instruments GmbH	WRCG2400/2483-2375/2505-50/10 SS	16	May. 03, 2014
15	Band Reject Filter	MICRO-TRONICS	BRC50703-01	007	May. 03, 2014
16	Band Reject Filter	MICRO-TRONICS	BRC50704-01	008	May. 03, 2014
17	Band Reject Filter	MICRO-TRONICS	BRC50705-01	010	May. 03, 2014

Note

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in CB08 (Below 1GHz/Above 1GHz)
3. The Horn antenna and HP preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
4. The FCC Site Registration No. is 614388.
5. The IC Site Registration No. is IC 4428A-1(CB08).
6. The VCCI Site Registration No. is G-91(CB08).



4.2.3 TEST PROCEDURE

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber room. The table was rotated 360 degrees to determine the position of the highest radiation. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
<Frequency Range below 1GHz>
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter fully-anechoic chamber room. The table was rotated 360 degrees to determine the position of the highest radiation. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
<Frequency Range above 1GHz>
- 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 radiated 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. If the peak scan value lower limit more than 20dB, then this signal data does not show in table °
- g. For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note

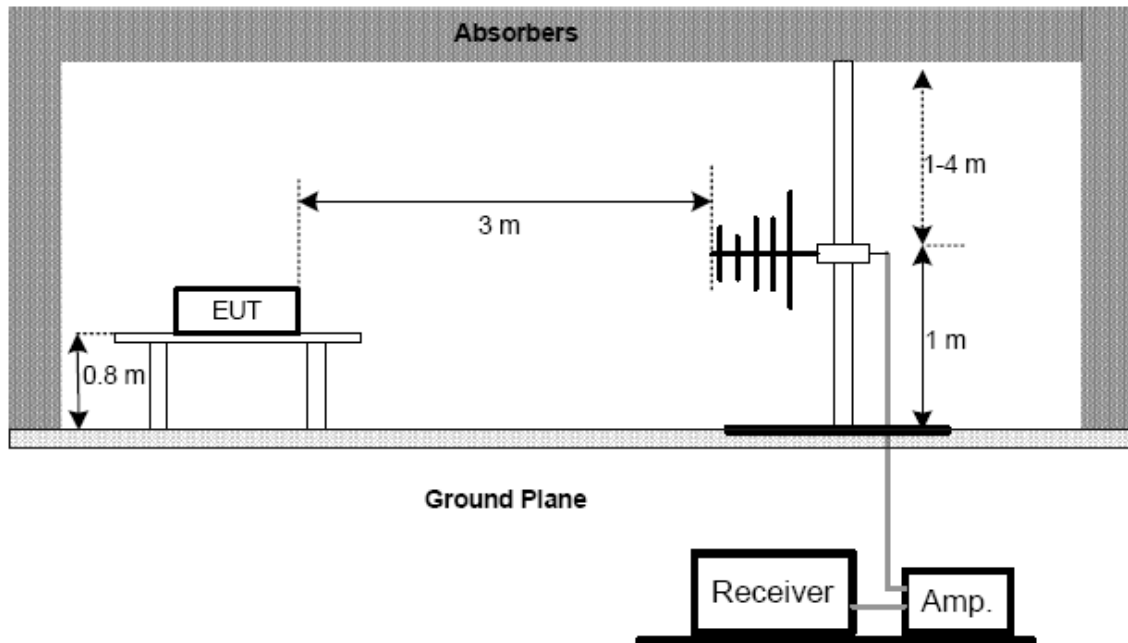
1. The resolution bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection(QP) at frequency below 1 GHz.
2. The resolution bandwidth is 1MHz and video bandwidth of test receiver/spectrum analyzer is 1MHz for Peak (PK) detection at frequency above 1 GHz. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz for Average (AV) detection at frequency above 1 GHz.
3. For measurement of frequency 1GHz -6GHz, the EUT was set 3 meters away from the receiver antenna.
Emission level (dBuV/m)=20log Emission level (uV/m).
The limits above 6GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1m
Distance extrapolation factor = 20 log (3m/1m) dB ;
Limit line = specific limits (dBuV) + 9.5 dB.

4.2.4 DEVIATION FROM TEST STANDARD

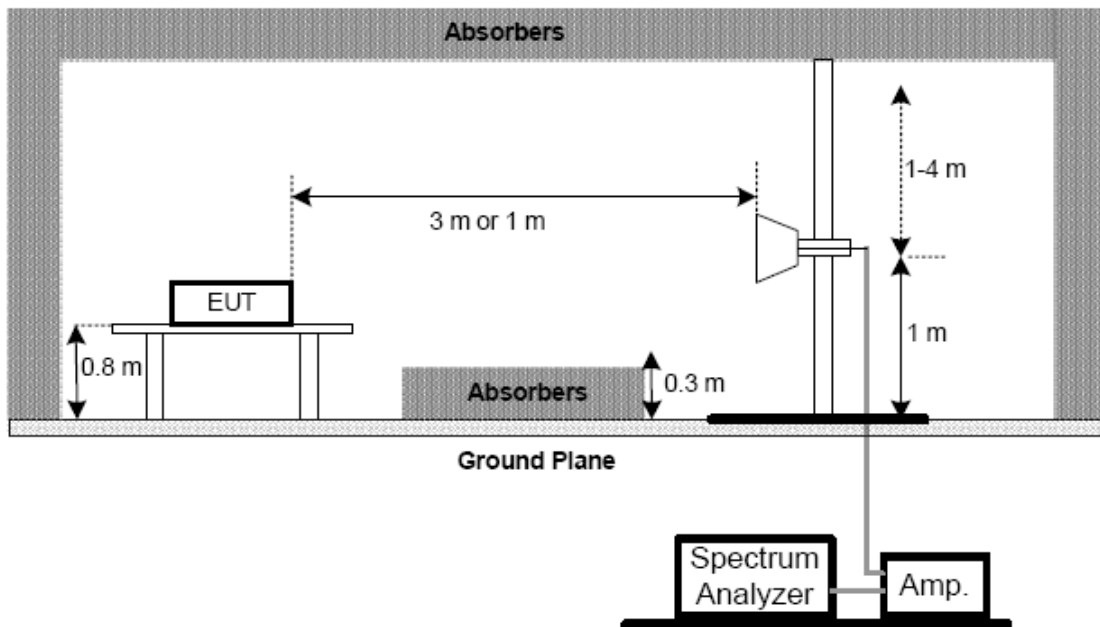
No deviation

4.2.5 TEST SETUP

Below 1000MHz



Above 1000MHz



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.



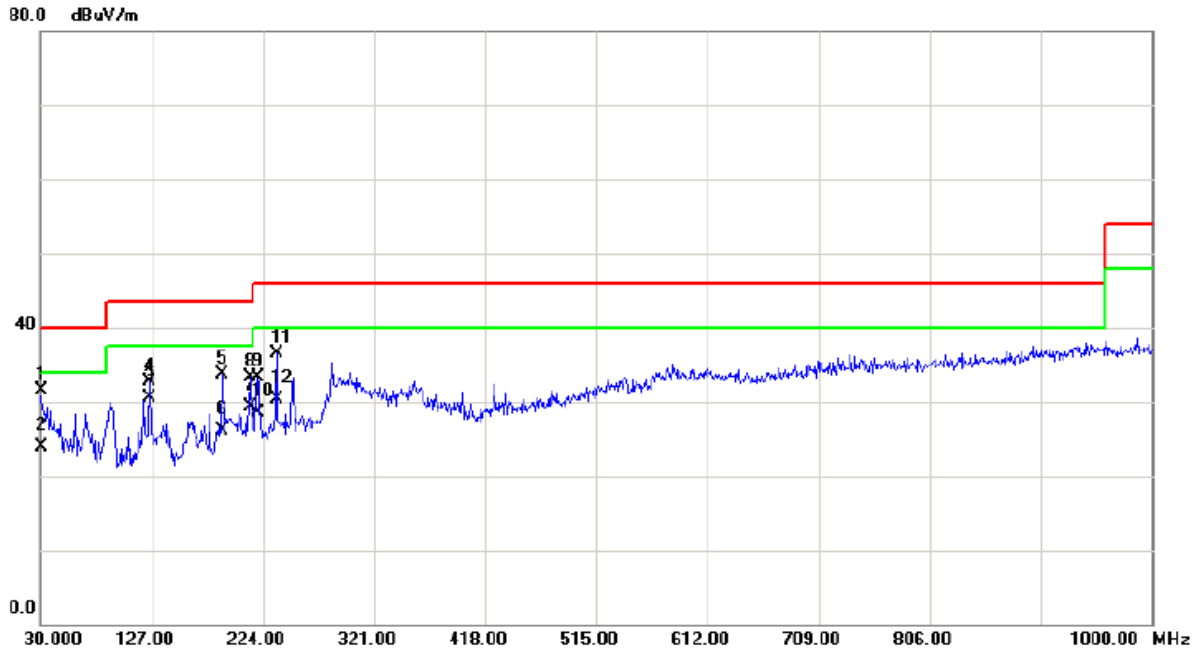
4.2.7 TEST RESULTS-BETWEEN 30MHZ AND 1000MHZ

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) Measuring frequency range from 30MHz to 1000MHz ◦
- (3) Measured level (dBuV/m)= Raw value (dBuV) + Correction Factor(dB/m).
Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor(dB).
Margin value = Emission level – Limit value.



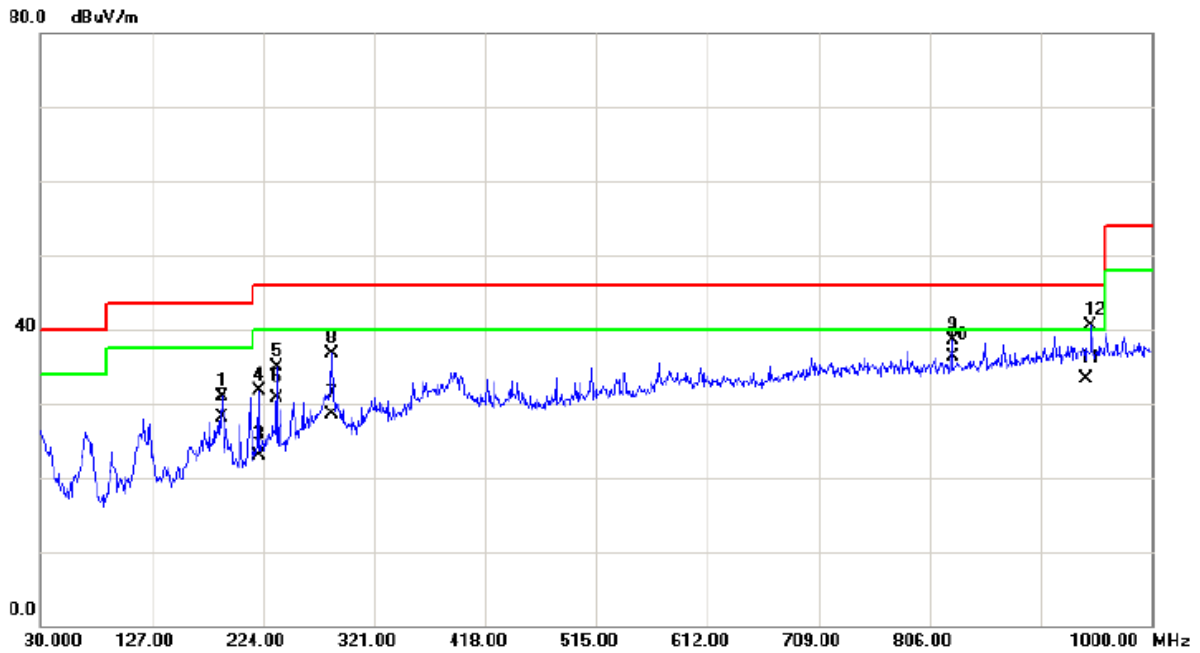
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Speaker / Low angle / 100Mbps		
Polarization:	Vertical		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	30.0000	52.04	-20.50	31.54	40.00	-8.46	peak	
2		30.0000	44.50	-20.50	24.00	40.00	-16.00	QP	
3		125.0080	51.29	-20.79	30.50	43.50	-13.00	QP	
4		125.0600	53.57	-20.79	32.78	43.50	-10.72	peak	
5		188.1100	55.99	-22.22	33.77	43.50	-9.73	peak	
6		188.3765	48.39	-22.25	26.14	43.50	-17.36	QP	
7		213.0890	51.71	-22.32	29.39	43.50	-14.11	QP	
8		213.3300	55.61	-22.31	33.30	43.50	-10.20	peak	
9		219.6350	55.46	-22.24	33.22	46.00	-12.78	peak	
10		219.9641	50.64	-22.23	28.41	46.00	-17.59	QP	
11		235.6400	57.81	-21.38	36.43	46.00	-9.57	peak	
12		235.7632	51.59	-21.37	30.22	46.00	-15.78	QP	



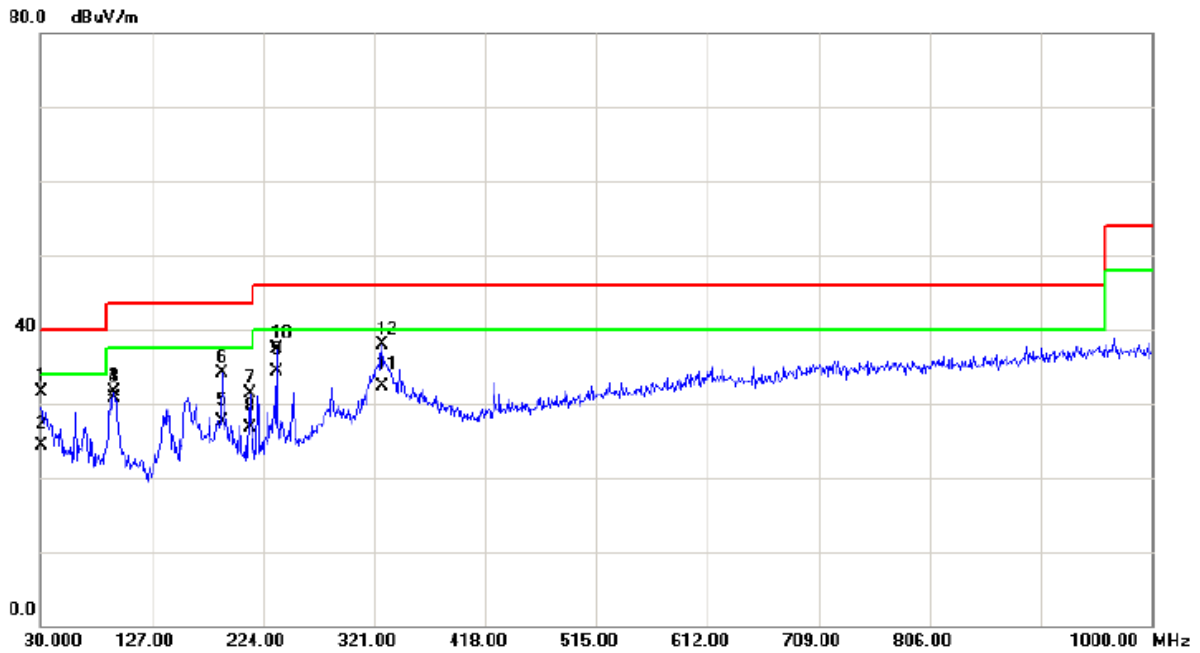
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Speaker / Low angle / 100Mbps		
Polarization:	Horizontal		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		188.1100	53.20	-22.22	30.98	43.50	-12.52	peak	
2		188.3312	50.35	-22.25	28.10	43.50	-15.40	QP	
3		219.9670	45.08	-22.23	22.85	46.00	-23.15	QP	
4		220.1200	53.93	-22.22	31.71	46.00	-14.29	peak	
5		235.6400	56.29	-21.38	34.91	46.00	-11.09	peak	
6		235.7718	52.08	-21.37	30.71	46.00	-15.29	QP	
7		284.1150	47.72	-19.18	28.54	46.00	-17.46	QP	
8		284.1400	55.80	-19.18	36.62	46.00	-9.38	peak	
9		825.4000	46.88	-8.35	38.53	46.00	-7.47	peak	
10		825.5160	44.71	-8.34	36.37	46.00	-9.63	QP	
11		943.4200	39.72	-6.46	33.26	46.00	-12.74	QP	
12	*	946.6500	46.86	-6.44	40.42	46.00	-5.58	peak	



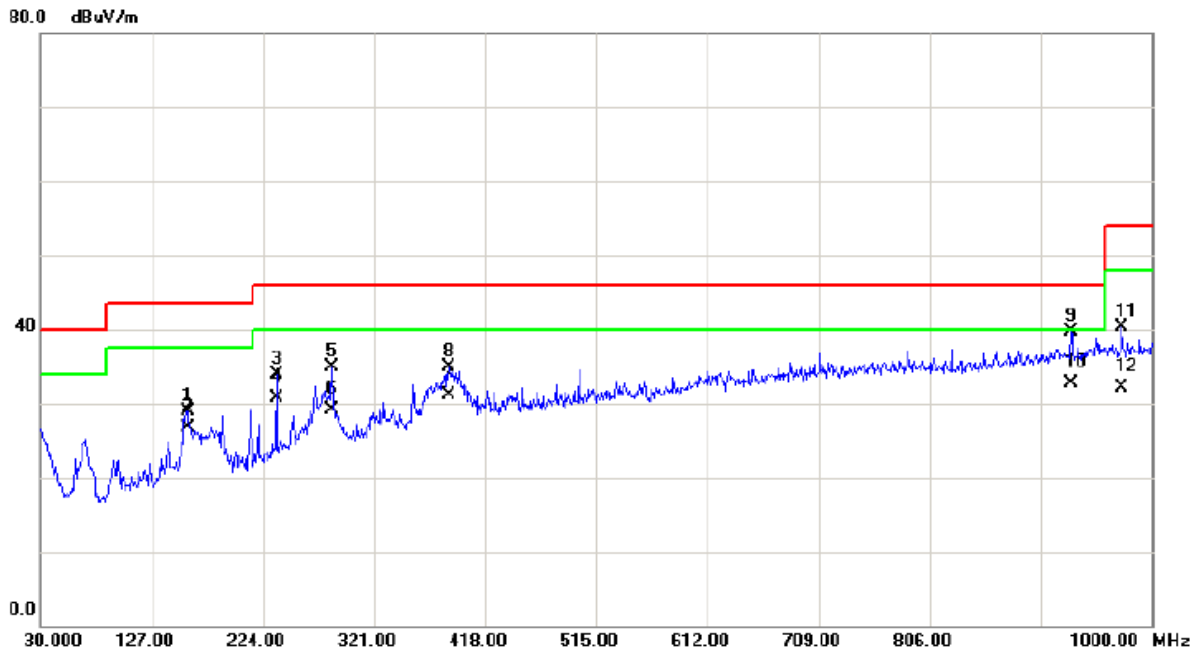
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Speaker / High angle / 100Mbps		
Polarization:	Vertical		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		30.0000	52.02	-20.50	31.52	40.00	-8.48	peak	
2		30.0000	44.77	-20.50	24.27	40.00	-15.73	QP	
3		94.3950	56.15	-25.45	30.70	43.50	-12.80	QP	
4		94.5050	56.95	-25.43	31.52	43.50	-11.98	peak	
5		188.2982	49.79	-22.25	27.54	43.50	-15.96	QP	
6		188.5950	56.36	-22.28	34.08	43.50	-9.42	peak	
7		213.3300	53.70	-22.31	31.39	43.50	-12.11	peak	
8		213.3725	49.05	-22.31	26.74	43.50	-16.76	QP	
9		235.7478	55.72	-21.38	34.34	46.00	-11.66	QP	
10		236.1250	58.71	-21.34	37.37	46.00	-8.63	peak	
11		326.2700	50.28	-17.91	32.37	46.00	-13.63	QP	
12	*	327.7900	55.83	-17.90	37.93	46.00	-8.07	peak	



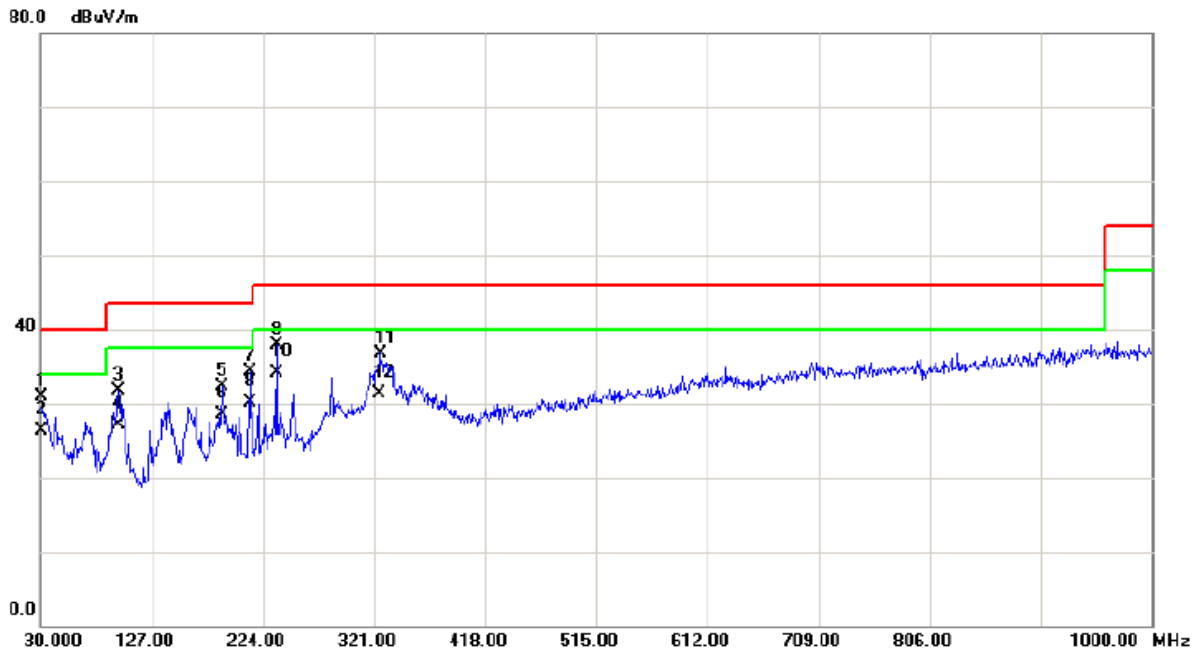
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Speaker / High angle / 100Mbps		
Polarization:	Horizontal		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		158.0400	48.83	-19.88	28.95	43.50	-14.55	peak	
2		158.8200	46.62	-19.88	26.74	43.50	-16.76	QP	
3		235.6400	55.23	-21.38	33.85	46.00	-12.15	peak	
4		235.7600	52.05	-21.37	30.68	46.00	-15.32	QP	
5		284.1400	54.16	-19.18	34.98	46.00	-11.02	peak	
6		284.4550	48.27	-19.18	29.09	46.00	-16.91	QP	
7		385.6550	47.77	-16.59	31.18	46.00	-14.82	QP	
8		385.9900	51.54	-16.57	34.97	46.00	-11.03	peak	
9	*	929.1900	46.31	-6.60	39.71	46.00	-6.29	peak	
10		930.0125	39.27	-6.60	32.67	46.00	-13.33	QP	
11		973.8100	46.64	-6.39	40.25	54.00	-13.75	peak	
12		975.0575	38.43	-6.40	32.03	54.00	-21.97	QP	



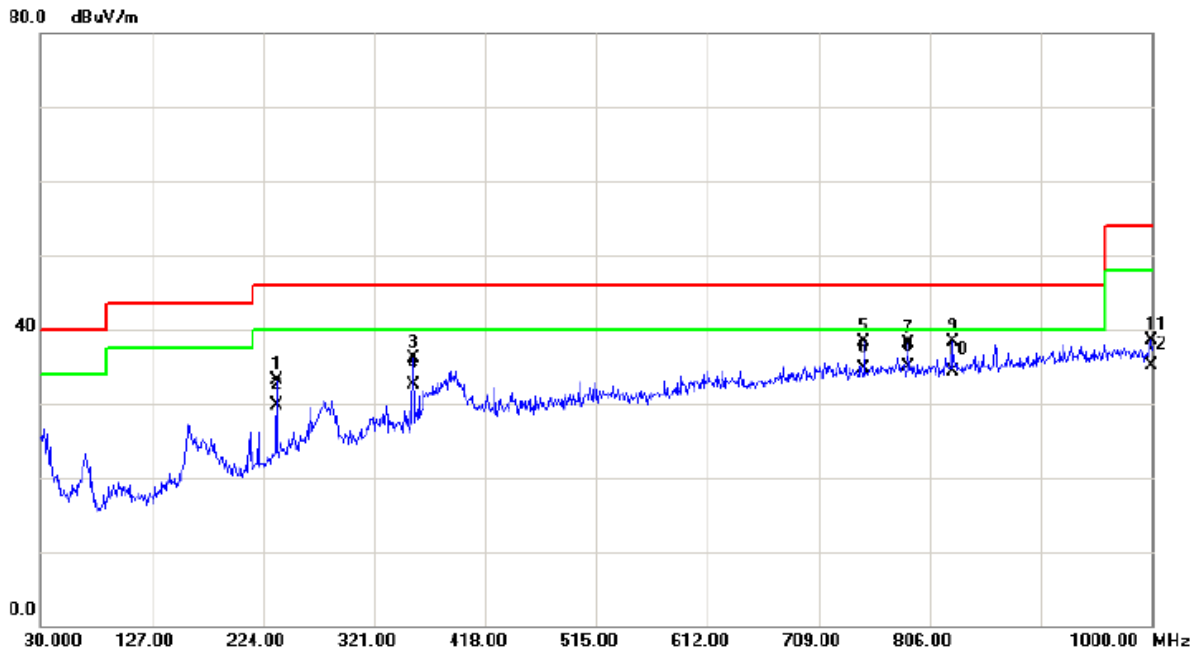
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Handset / High angle / 100Mbps		
Polarization:	Vertical		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		30.0000	51.35	-20.50	30.85	40.00	-9.15	peak	
2		30.0000	46.82	-20.50	26.32	40.00	-13.68	QP	
3		98.3850	56.58	-24.82	31.76	43.50	-11.74	peak	
4		98.3850	51.88	-24.82	27.06	43.50	-16.44	QP	
5		188.1100	54.58	-22.22	32.36	43.50	-11.14	peak	
6		188.1100	50.80	-22.22	28.58	43.50	-14.92	QP	
7		213.3300	56.63	-22.31	34.32	43.50	-9.18	peak	
8		213.3300	52.33	-22.31	30.02	43.50	-13.48	QP	
9	*	235.6400	59.25	-21.38	37.87	46.00	-8.13	peak	
10		235.6400	55.44	-21.38	34.06	46.00	-11.94	QP	
11		326.3350	54.71	-17.91	36.80	46.00	-9.20	peak	
12		326.3350	49.27	-17.91	31.36	46.00	-14.64	QP	



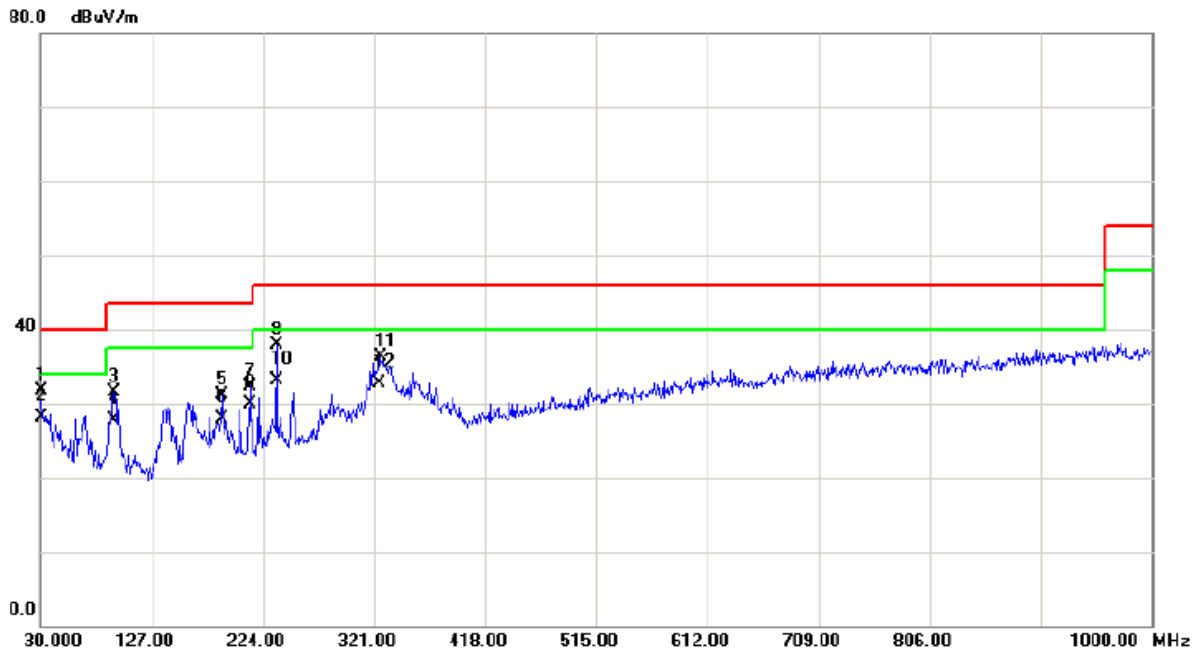
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Handset / High angle / 100Mbps		
Polarization:	Horizontal		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		235.6400	54.40	-21.38	33.02	46.00	-12.98	peak	
2		235.6400	51.06	-21.38	29.68	46.00	-16.32	QP	
3		354.9500	53.68	-17.54	36.14	46.00	-9.86	peak	
4		354.9500	49.99	-17.54	32.45	46.00	-13.55	QP	
5	*	748.7700	47.45	-9.07	38.38	46.00	-7.62	peak	
6		748.7700	43.72	-9.07	34.65	46.00	-11.35	QP	
7		786.6000	46.88	-8.82	38.06	46.00	-7.94	peak	
8		786.6000	43.79	-8.82	34.97	46.00	-11.03	QP	
9		825.4000	46.58	-8.35	38.23	46.00	-7.77	peak	
10		825.4000	42.66	-8.35	34.31	46.00	-11.69	QP	
11		999.0300	44.80	-6.38	38.42	54.00	-15.58	peak	
12		999.0300	41.39	-6.38	35.01	54.00	-18.99	QP	



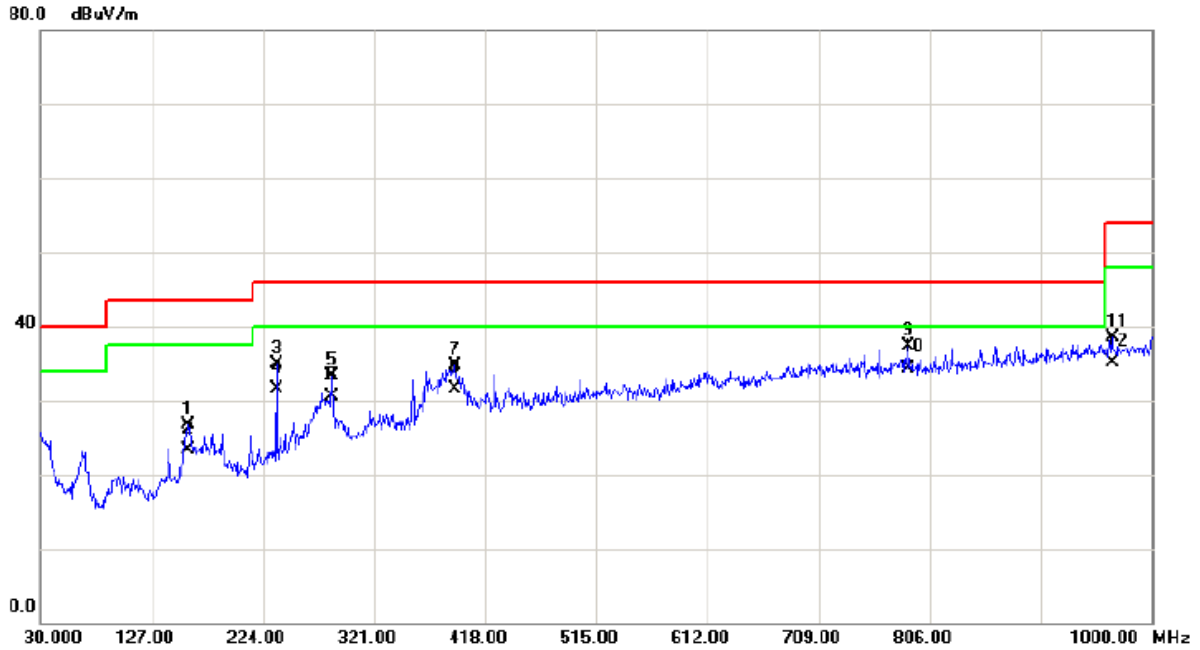
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Headset / High angle / 100Mbps		
Polarization:	Vertical		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		30.0000	52.15	-20.50	31.65	40.00	-8.35	peak	
2		30.0000	48.54	-20.50	28.04	40.00	-11.96	QP	
3		94.5050	57.03	-25.43	31.60	43.50	-11.90	peak	
4		94.5050	53.07	-25.43	27.64	43.50	-15.86	QP	
5		188.5950	53.45	-22.28	31.17	43.50	-12.33	peak	
6		188.5950	50.13	-22.28	27.85	43.50	-15.65	QP	
7		213.3300	54.63	-22.31	32.32	43.50	-11.18	peak	
8		213.3300	52.19	-22.31	29.88	43.50	-13.62	QP	
9	*	235.6400	59.20	-21.38	37.82	46.00	-8.18	peak	
10		235.6400	54.44	-21.38	33.06	46.00	-12.94	QP	
11		326.3350	54.25	-17.91	36.34	46.00	-9.66	peak	
12		326.3350	50.52	-17.91	32.61	46.00	-13.39	QP	



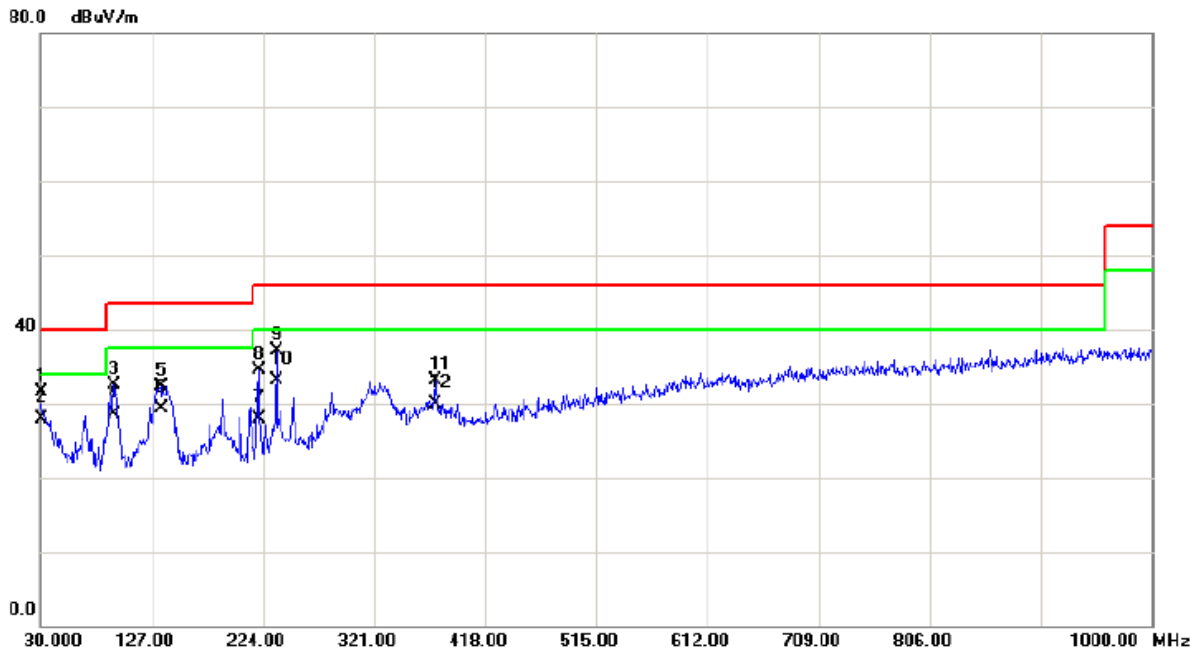
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Headset / High angle / 100Mbps		
Polarization:	Horizontal		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		159.0100	46.51	-19.88	26.63	43.50	-16.87	peak	
2		159.0100	43.13	-19.88	23.25	43.50	-20.25	QP	
3		235.6400	56.24	-21.38	34.86	46.00	-11.14	peak	
4		235.6400	52.83	-21.38	31.45	46.00	-14.55	QP	
5		284.1400	52.39	-19.18	33.21	46.00	-12.79	peak	
6		284.1400	49.65	-19.18	30.47	46.00	-15.53	QP	
7		391.8100	51.00	-16.39	34.61	46.00	-11.39	peak	
8		391.8100	47.85	-16.39	31.46	46.00	-14.54	QP	
9	*	786.6000	46.05	-8.82	37.23	46.00	-8.77	peak	
10		786.6000	43.20	-8.82	34.38	46.00	-11.62	QP	
11		965.0800	44.86	-6.39	38.47	54.00	-15.53	peak	
12		965.0800	41.48	-6.39	35.09	54.00	-18.91	QP	



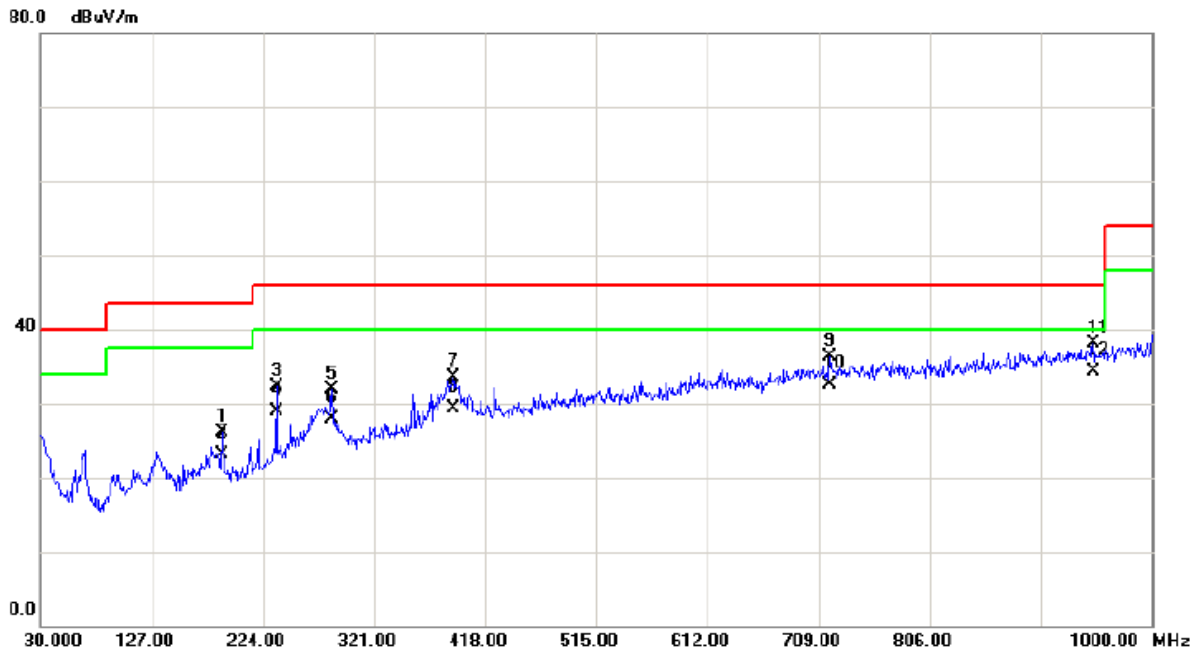
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Drawing / High angle / 100Mbps		
Polarization:	Vertical		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	30.0000	52.06	-20.50	31.56	40.00	-8.44	peak	
2		30.0000	48.35	-20.50	27.85	40.00	-12.15	QP	
3		94.5050	57.88	-25.43	32.45	43.50	-11.05	peak	
4		94.5050	53.92	-25.43	28.49	43.50	-15.01	QP	
5		135.2450	52.29	-19.89	32.40	43.50	-11.10	peak	
6		135.2450	49.27	-19.89	29.38	43.50	-14.12	QP	
7		219.9037	50.23	-22.23	28.00	46.00	-18.00	QP	
8		220.1200	56.77	-22.22	34.55	46.00	-11.45	peak	
9		235.6400	58.54	-21.38	37.16	46.00	-8.84	peak	
10		235.6400	54.43	-21.38	33.05	46.00	-12.95	QP	
11		374.8350	50.01	-16.94	33.07	46.00	-12.93	peak	
12		374.8350	46.83	-16.94	29.89	46.00	-16.11	QP	



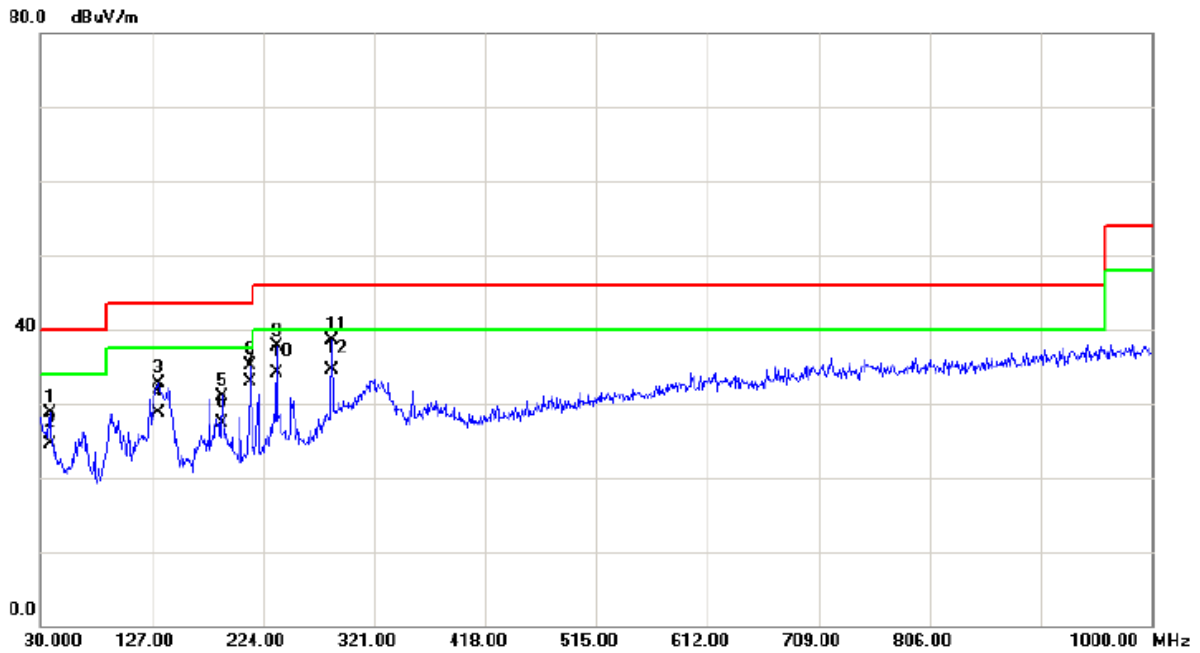
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Drawing / High angle / 100Mbps		
Polarization:	Horizontal		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		188.1100	48.26	-22.22	26.04	43.50	-17.46	peak	
2		188.1100	45.27	-22.22	23.05	43.50	-20.45	QP	
3		235.6400	53.59	-21.38	32.21	46.00	-13.79	peak	
4		235.6400	50.35	-21.38	28.97	46.00	-17.03	QP	
5		284.1400	51.05	-19.18	31.87	46.00	-14.13	peak	
6		284.1400	47.07	-19.18	27.89	46.00	-18.11	QP	
7		389.8700	50.03	-16.46	33.57	46.00	-12.43	peak	
8		389.8700	45.80	-16.46	29.34	46.00	-16.66	QP	
9		718.7000	46.31	-9.92	36.39	46.00	-9.61	peak	
10		718.7000	42.38	-9.92	32.46	46.00	-13.54	QP	
11	*	948.5900	44.43	-6.41	38.02	46.00	-7.98	peak	
12		948.5900	40.62	-6.41	34.21	46.00	-11.79	QP	



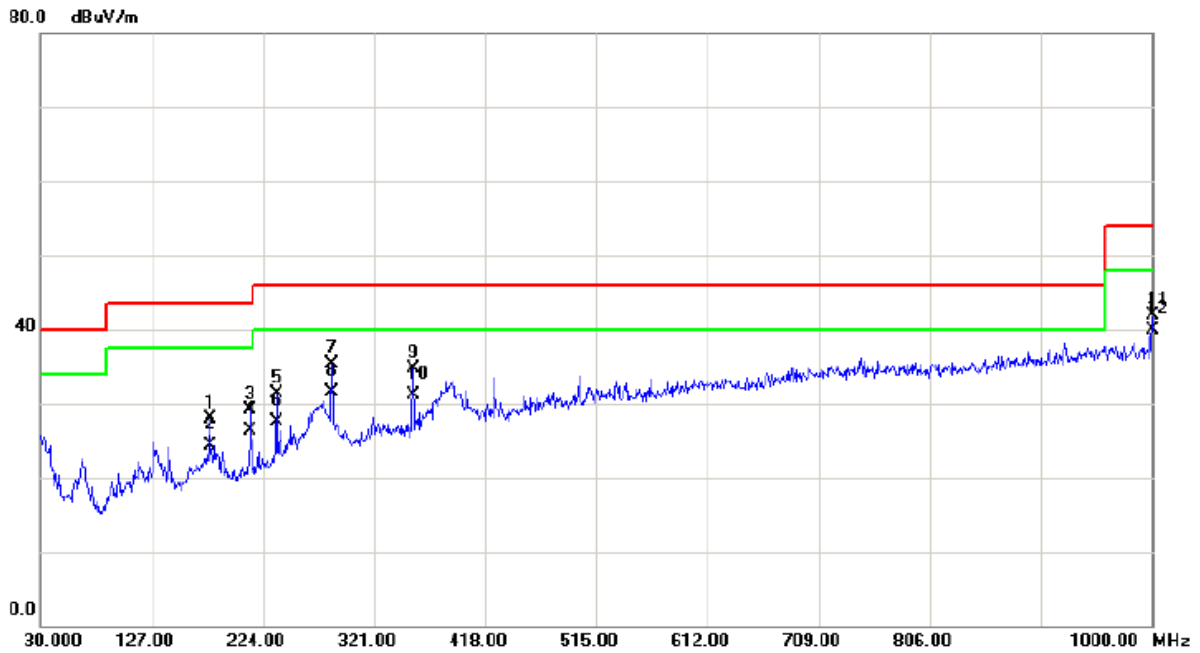
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	NFC / High angle / 100Mbps		
Polarization:	Vertical		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		37.7600	48.71	-19.96	28.75	40.00	-11.25	peak	
2		37.7600	44.55	-19.96	24.59	40.00	-15.41	QP	
3		132.8200	52.67	-20.04	32.63	43.50	-10.87	peak	
4		132.8200	48.83	-20.04	28.79	43.50	-14.71	QP	
5		188.1100	53.22	-22.22	31.00	43.50	-12.50	peak	
6		188.1100	49.56	-22.22	27.34	43.50	-16.16	QP	
7		213.1395	55.32	-22.32	33.00	43.50	-10.50	QP	
8		213.3300	57.49	-22.31	35.18	43.50	-8.32	peak	
9		235.6400	59.10	-21.38	37.72	46.00	-8.28	peak	
10		235.6400	55.44	-21.38	34.06	46.00	-11.94	QP	
11	*	284.1400	57.68	-19.18	38.50	46.00	-7.50	peak	
12		284.1400	53.76	-19.18	34.58	46.00	-11.42	QP	



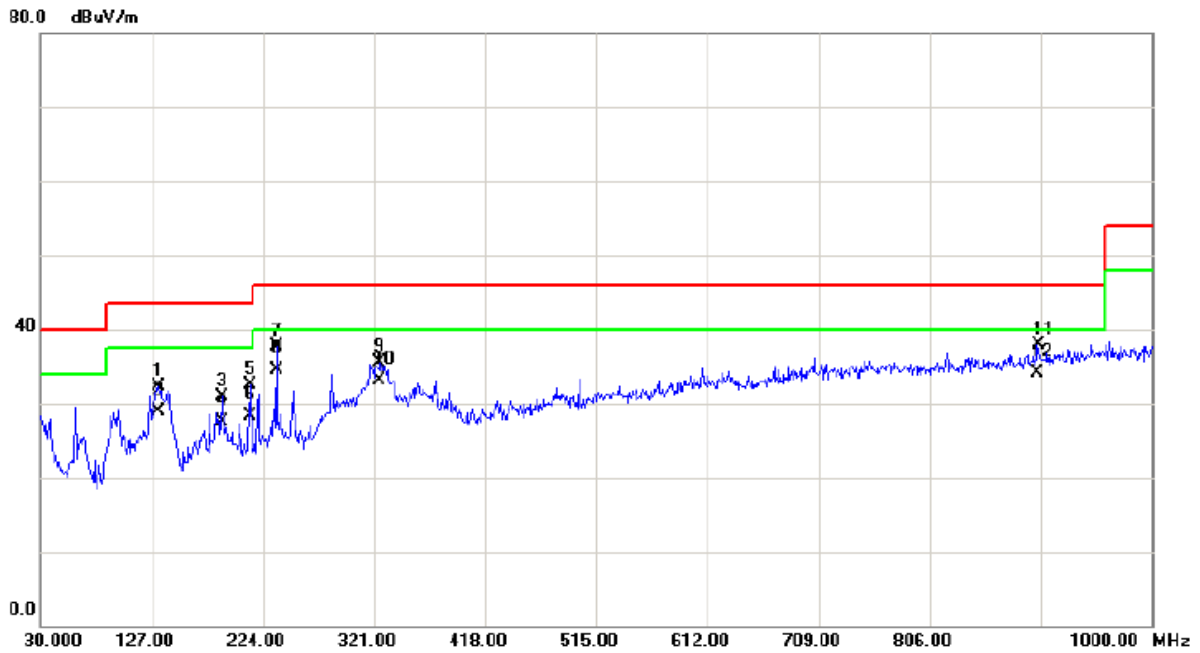
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	NFC / High angle / 100Mbps		
Polarization:	Horizontal		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		177.4400	48.96	-21.00	27.96	43.50	-15.54	peak	
2		177.4400	45.39	-21.00	24.39	43.50	-19.11	QP	
3		213.3300	51.32	-22.31	29.01	43.50	-14.49	peak	
4		213.3300	48.59	-22.31	26.28	43.50	-17.22	QP	
5		235.6400	52.76	-21.38	31.38	46.00	-14.62	peak	
6		235.6400	48.97	-21.38	27.59	46.00	-18.41	QP	
7	*	284.1400	54.51	-19.18	35.33	46.00	-10.67	peak	
8		284.1400	50.72	-19.18	31.54	46.00	-14.46	QP	
9		354.9500	52.29	-17.54	34.75	46.00	-11.25	peak	
10		354.9500	48.59	-17.54	31.05	46.00	-14.95	QP	
11		1000.000	48.37	-6.38	41.99	54.00	-12.01	peak	
12		1000.000	46.28	-6.38	39.90	54.00	-14.10	QP	



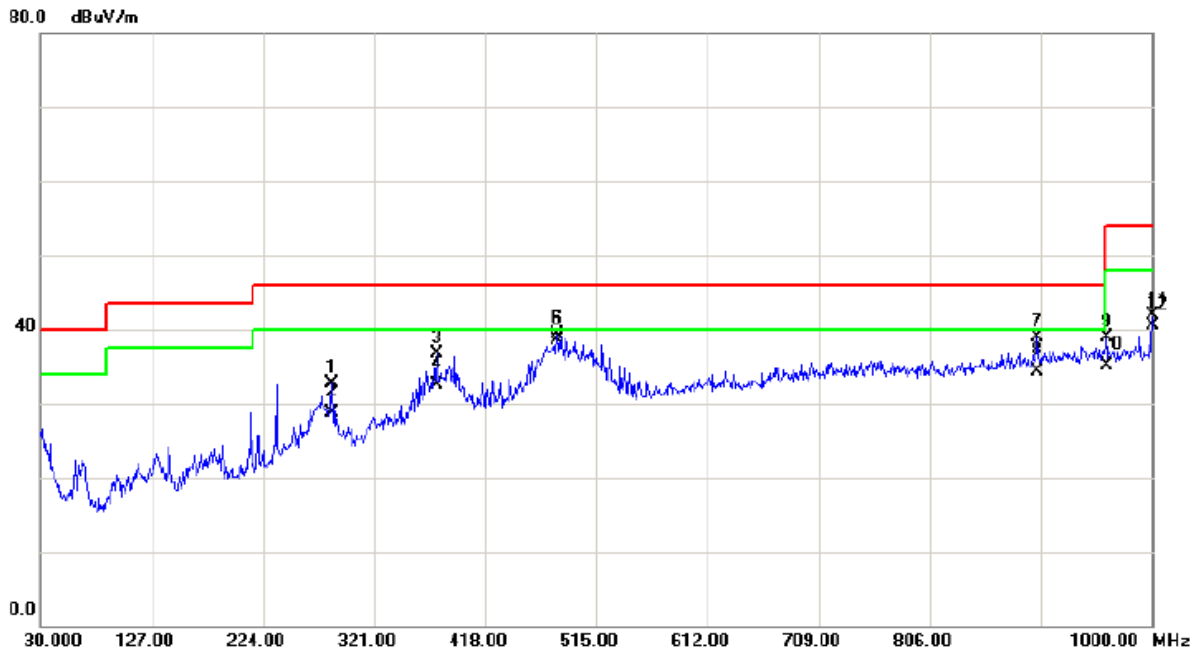
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Bluetooth / High angle / 100Mbps		
Polarization:	Vertical		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		132.8200	52.31	-20.04	32.27	43.50	-11.23	peak	
2		132.8200	49.01	-20.04	28.97	43.50	-14.53	QP	
3		188.1100	53.17	-22.22	30.95	43.50	-12.55	peak	
4		188.1100	49.76	-22.22	27.54	43.50	-15.96	QP	
5		213.3300	54.77	-22.31	32.46	43.50	-11.04	peak	
6		213.3300	50.60	-22.31	28.29	43.50	-15.21	QP	
7		235.6400	59.15	-21.38	37.77	46.00	-8.23	peak	
8		235.6400	55.91	-21.38	34.53	46.00	-11.47	QP	
9		325.8500	53.42	-17.91	35.51	46.00	-10.49	peak	
10		325.8500	50.99	-17.91	33.08	46.00	-12.92	QP	
11	*	900.5750	44.88	-6.88	38.00	46.00	-8.00	peak	
12		900.5750	41.04	-6.88	34.16	46.00	-11.84	QP	



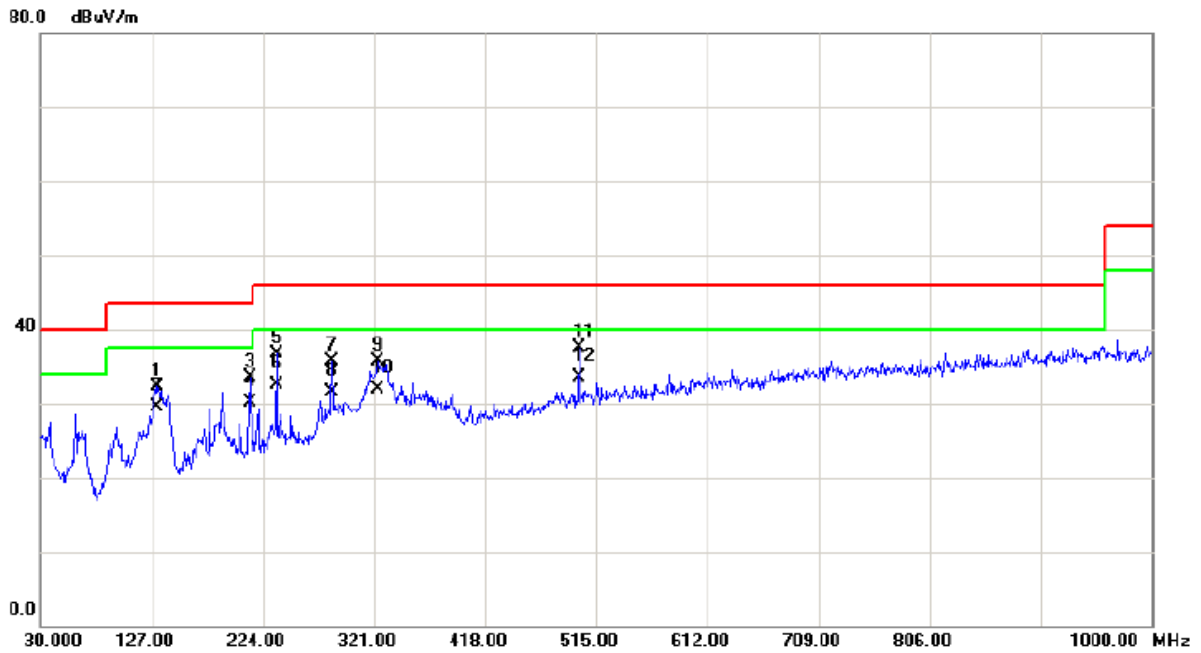
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Bluetooth / High angle / 100Mbps		
Polarization:	Horizontal		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		284.1400	51.93	-19.18	32.75	46.00	-13.25	peak	
2		284.1400	47.97	-19.18	28.79	46.00	-17.21	QP	
3		375.3200	53.70	-16.92	36.78	46.00	-9.22	peak	
4		375.3200	49.38	-16.92	32.46	46.00	-13.54	QP	
5	*	481.0500	53.79	-14.49	39.30	46.00	-6.70	peak	
6		481.0500	53.09	-14.49	38.60	46.00	-7.40	QP	
7		900.0900	45.83	-6.88	38.95	46.00	-7.05	peak	
8		900.0900	41.24	-6.88	34.36	46.00	-11.64	QP	
9		960.2300	45.35	-6.40	38.95	54.00	-15.05	peak	
10		960.2300	41.47	-6.40	35.07	54.00	-18.93	QP	
11		1000.000	48.31	-6.38	41.93	54.00	-12.07	peak	
12		1000.000	46.93	-6.38	40.55	54.00	-13.45	QP	



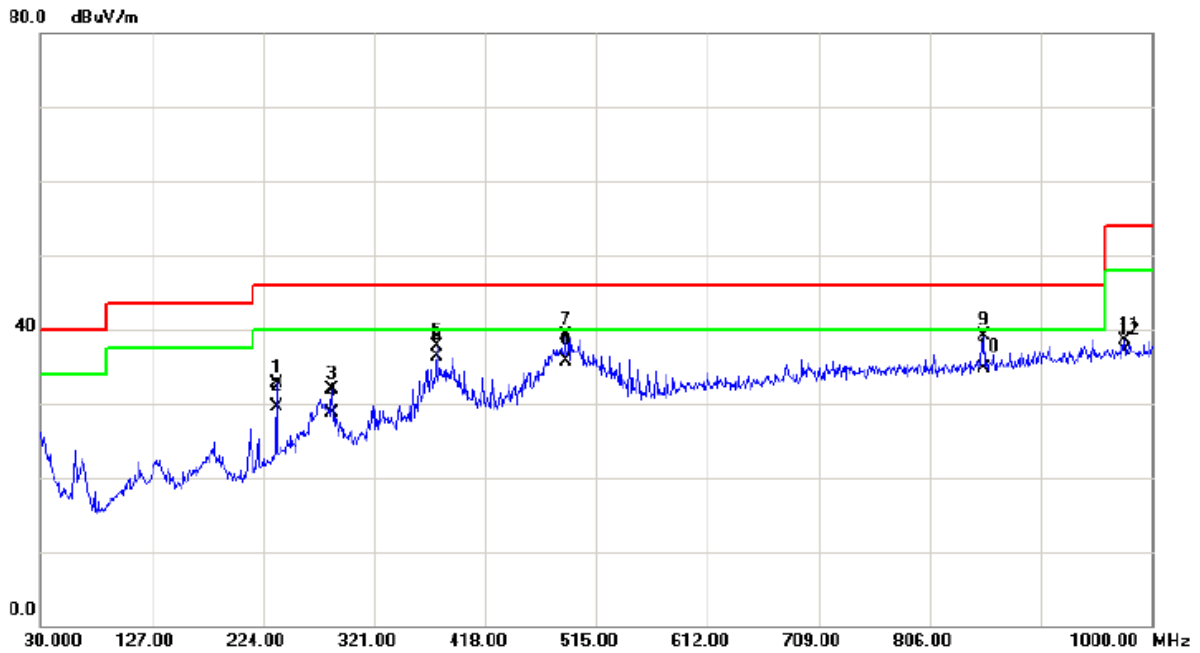
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Bluetooth / High angle / 10Mbps		
Polarization:	Vertical		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		131.3650	52.40	-20.13	32.27	43.50	-11.23	peak	
2		131.3650	49.59	-20.13	29.46	43.50	-14.04	QP	
3		213.3300	55.83	-22.31	33.52	43.50	-9.98	peak	
4		213.3300	52.35	-22.31	30.04	43.50	-13.46	QP	
5		235.6400	58.05	-21.38	36.67	46.00	-9.33	peak	
6		235.6400	53.87	-21.38	32.49	46.00	-13.51	QP	
7		284.1400	54.97	-19.18	35.79	46.00	-10.21	peak	
8		284.1400	50.72	-19.18	31.54	46.00	-14.46	QP	
9		324.3950	53.53	-17.92	35.61	46.00	-10.39	peak	
10		324.3950	49.86	-17.92	31.94	46.00	-14.06	QP	
11	*	499.9650	51.75	-14.16	37.59	46.00	-8.41	peak	
12		499.9650	47.65	-14.16	33.49	46.00	-12.51	QP	



E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Bluetooth / High angle / 10Mbps		
Polarization:	Horizontal		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		235.6400	54.07	-21.38	32.69	46.00	-13.31	peak	
2		235.6400	50.93	-21.38	29.55	46.00	-16.45	QP	
3		284.1400	50.99	-19.18	31.81	46.00	-14.19	peak	
4		284.1400	47.92	-19.18	28.74	46.00	-17.26	QP	
5		375.3200	54.55	-16.92	37.63	46.00	-8.37	peak	
6		375.3200	53.26	-16.92	36.34	46.00	-9.66	QP	
7	*	487.8400	53.58	-14.38	39.20	46.00	-6.80	peak	
8		487.8400	50.06	-14.38	35.68	46.00	-10.32	QP	
9		853.5300	47.08	-7.88	39.20	46.00	-6.80	peak	
10		853.5300	42.57	-7.88	34.69	46.00	-11.31	QP	
11		975.7500	44.92	-6.39	38.53	54.00	-15.47	peak	
12		975.7500	43.45	-6.39	37.06	54.00	-16.94	QP	



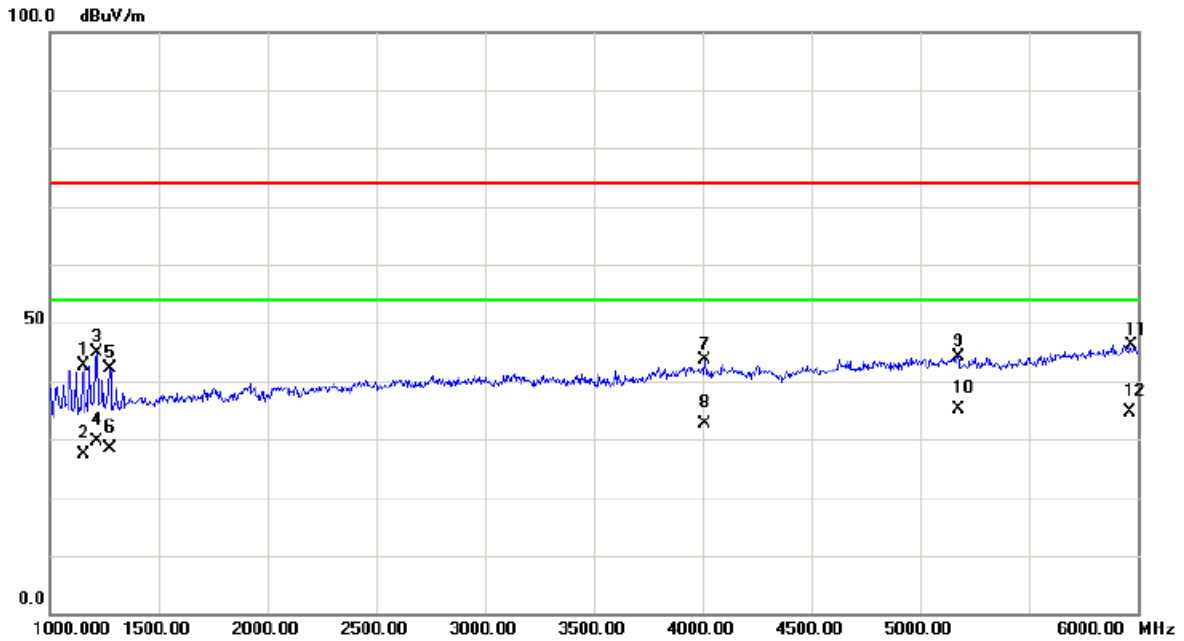
4.2.8 TEST RESULTS-ABOVE 1000MHZ

Remark :

- (1) Reading in which marked as Peak or AVG means measurements by using are Peak Mode or AVG with Detector BW=1MHz ; SPA setting in RBW=1MHz, VBW =1MHz, Swp. Time = 0.3 sec./MHz, AVG Mode with detector BW=1MHz ; SPA setting in RBW=1MHz, VBW =10Hz, Swp. Time = 0.3 sec./MHz ◦
- (2) Measuring frequency range from 1GHz to 18GHz ◦
- (3) Measured level (dBuV/m)= Raw value (dBuV) + Correction Factor(dB/m).
Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor(dB).
Margin value = Emission level – Limit value.



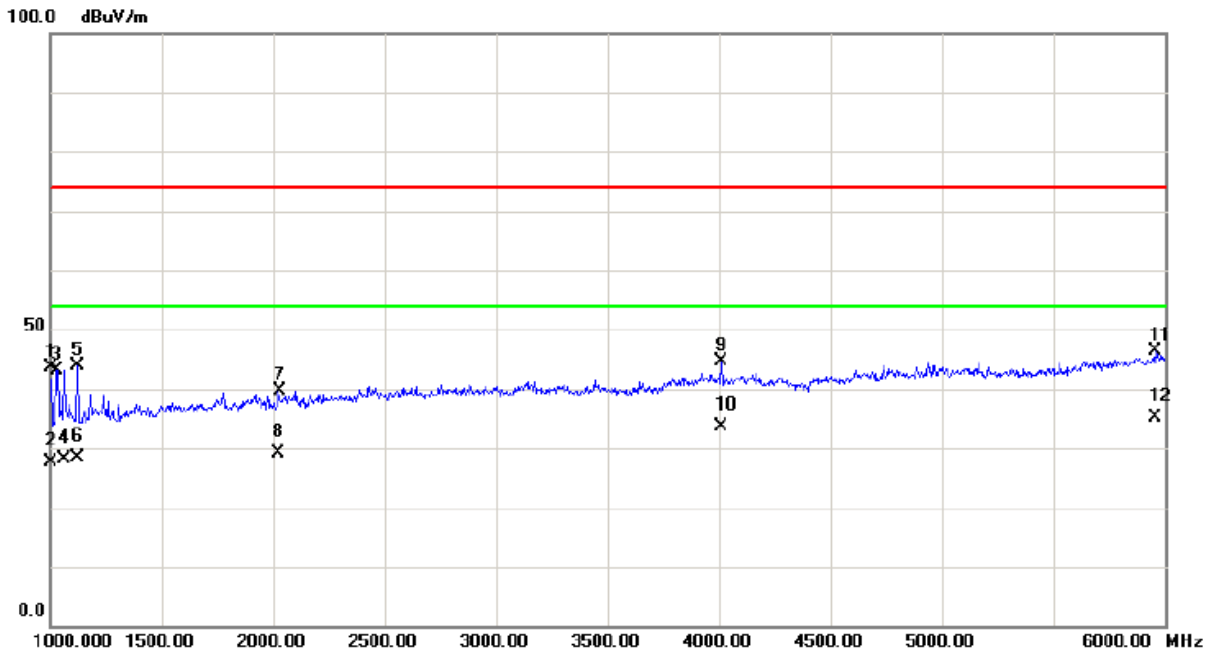
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Speaker / Low angle / 100Mbps		
Polarization:	Vertical		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		1155.000	38.30	4.34	42.64	74.00	-31.36	peak	
2		1155.000	23.02	4.34	27.36	54.00	-26.64	AVG	
3		1215.000	40.45	4.44	44.89	74.00	-29.11	peak	
4		1215.000	25.07	4.44	29.51	54.00	-24.49	AVG	
5		1277.500	37.67	4.55	42.22	74.00	-31.78	peak	
6		1277.500	23.71	4.55	28.26	54.00	-25.74	AVG	
7		4012.500	35.05	8.67	43.72	74.00	-30.28	peak	
8		4012.500	23.92	8.67	32.59	54.00	-21.41	AVG	
9		5175.000	34.14	10.11	44.25	74.00	-29.75	peak	
10	*	5175.000	25.04	10.11	35.15	54.00	-18.85	AVG	
11		5967.500	34.89	11.22	46.11	74.00	-27.89	peak	
12		5967.500	23.37	11.22	34.59	54.00	-19.41	AVG	



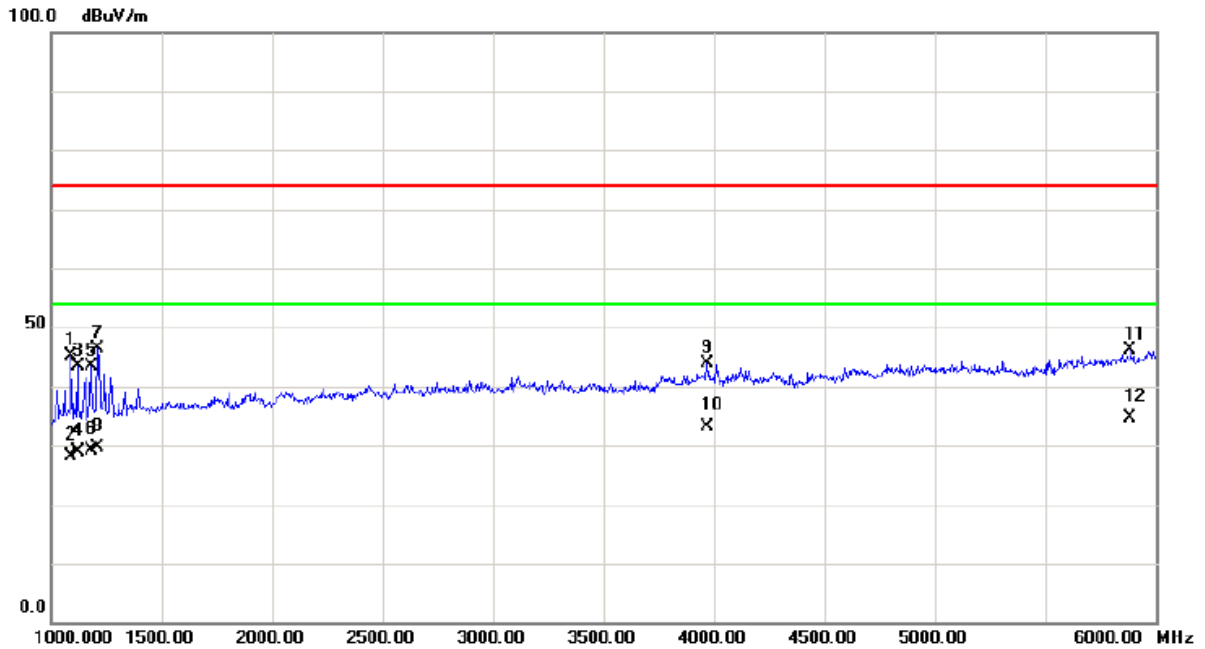
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Speaker / Low angle / 100Mbps		
Polarization:	Horizontal		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		1000.000	39.48	4.07	43.55	74.00	-30.45	peak	
2		1000.000	23.54	4.07	27.61	54.00	-26.39	AVG	
3		1032.500	39.09	4.13	43.22	74.00	-30.78	peak	
4		1062.500	24.01	4.18	28.19	54.00	-25.81	AVG	
5		1125.000	39.54	4.29	43.83	74.00	-30.17	peak	
6		1125.000	24.00	4.29	28.29	54.00	-25.71	AVG	
7		2027.500	33.95	5.68	39.63	74.00	-34.37	peak	
8		2027.500	23.53	5.68	29.21	54.00	-24.79	AVG	
9		4012.500	35.96	8.67	44.63	74.00	-29.37	peak	
10		4012.500	24.94	8.67	33.61	54.00	-20.39	AVG	
11		5957.500	35.06	11.20	46.26	74.00	-27.74	peak	
12	*	5957.500	24.00	11.20	35.20	54.00	-18.80	AVG	



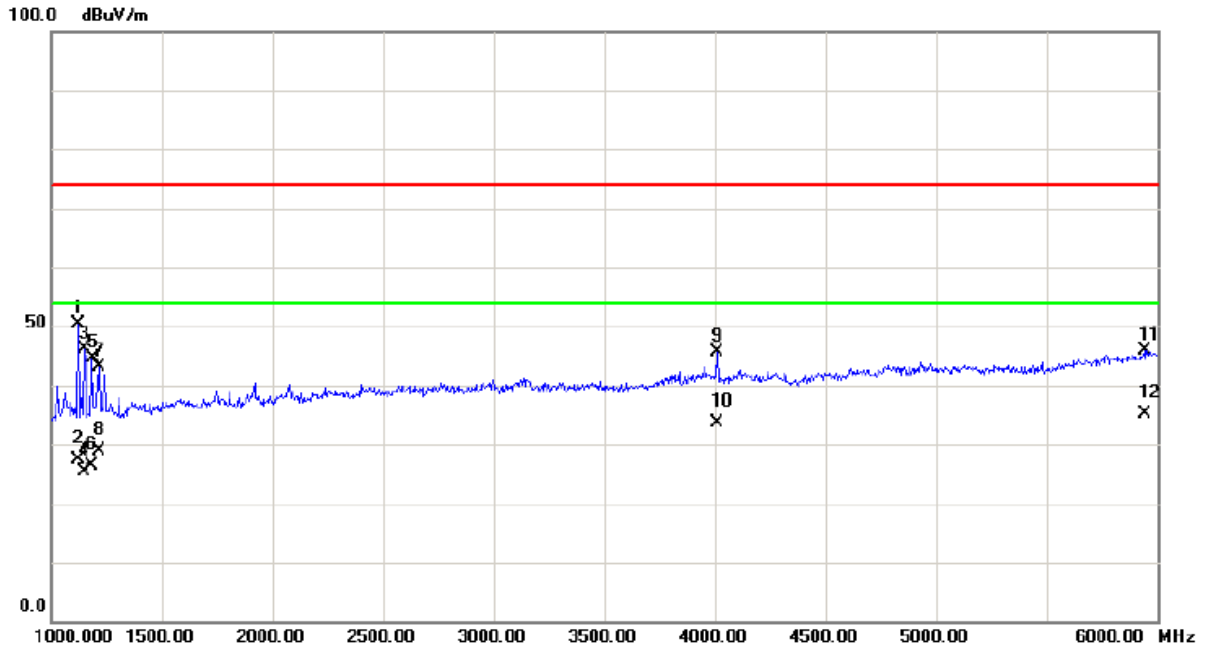
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Speaker / High angle / 100Mbps		
Polarization:	Vertical		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		1092.500	40.90	4.23	45.13	74.00	-28.87	peak	
2		1092.500	23.97	4.23	28.20	54.00	-25.80	AVG	
3		1120.000	39.01	4.28	43.29	74.00	-30.71	peak	
4		1120.000	24.63	4.28	28.91	54.00	-25.09	AVG	
5		1182.500	38.94	4.39	43.33	74.00	-30.67	peak	
6		1182.500	24.69	4.39	29.08	54.00	-24.92	AVG	
7		1212.500	41.83	4.44	46.27	74.00	-27.73	peak	
8		1212.500	25.11	4.44	29.55	54.00	-24.45	AVG	
9		3972.500	35.26	8.66	43.92	74.00	-30.08	peak	
10		3972.500	24.50	8.66	33.16	54.00	-20.84	AVG	
11		5885.000	35.07	11.09	46.16	74.00	-27.84	peak	
12	*	5885.000	23.47	11.09	34.56	54.00	-19.44	AVG	



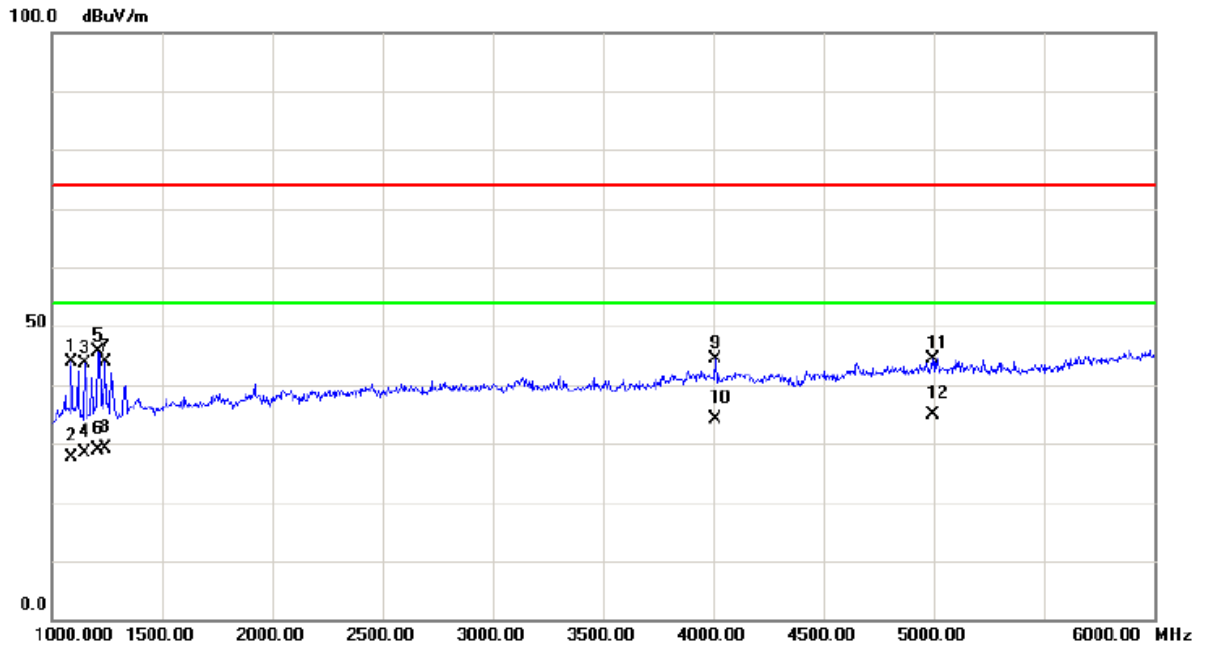
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Speaker / High angle / 100Mbps		
Polarization:	Horizontal		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		1125.000	46.21	4.29	50.50	74.00	-23.50	peak	
2		1125.000	22.99	4.29	27.28	54.00	-26.72	AVG	
3		1152.500	41.82	4.34	46.16	74.00	-27.84	peak	
4		1152.500	21.06	4.34	25.40	54.00	-28.60	AVG	
5		1187.500	40.19	4.40	44.59	74.00	-29.41	peak	
6		1187.500	22.03	4.40	26.43	54.00	-27.57	AVG	
7		1215.000	38.68	4.44	43.12	74.00	-30.88	peak	
8		1215.000	24.47	4.44	28.91	54.00	-25.09	AVG	
9		4012.500	36.99	8.67	45.66	74.00	-28.34	peak	
10		4012.500	24.86	8.67	33.53	54.00	-20.47	AVG	
11		5942.500	34.60	11.18	45.78	74.00	-28.22	peak	
12	*	5942.500	23.87	11.18	35.05	54.00	-18.95	AVG	



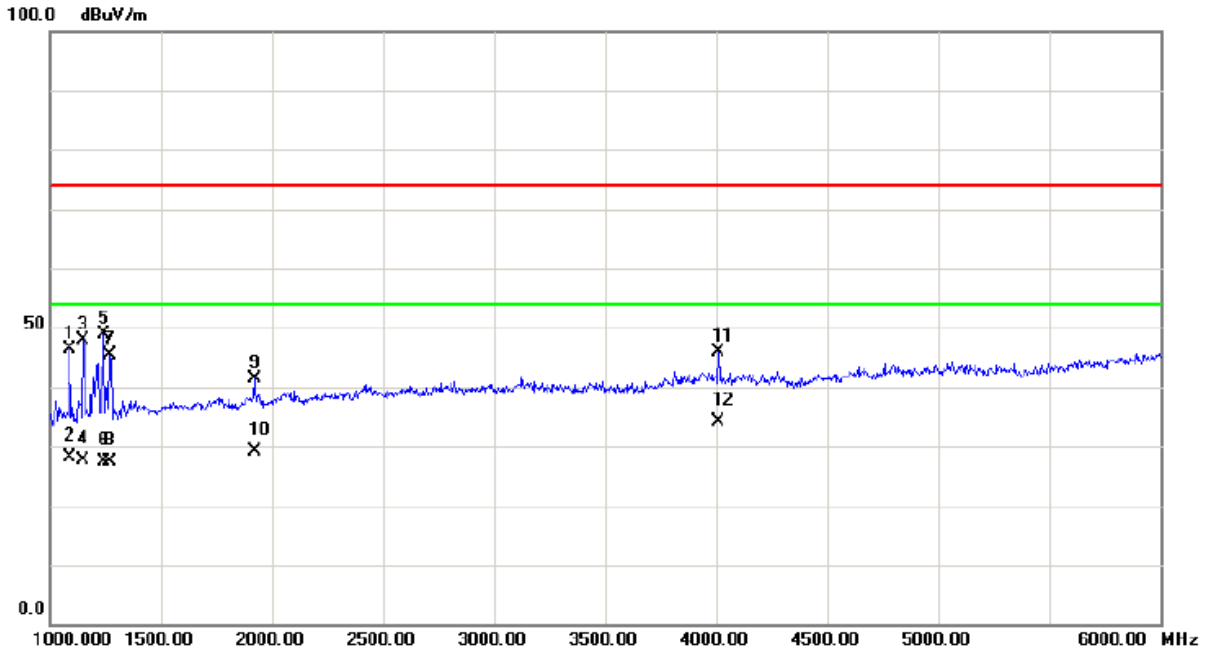
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Handset / High angle / 100Mbps		
Polarization:	Vertical		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		1090.000	39.68	4.23	43.91	74.00	-30.09	peak	
2		1090.000	23.32	4.23	27.55	54.00	-26.45	AVG	
3		1150.000	39.20	4.33	43.53	74.00	-30.47	peak	
4		1150.000	24.16	4.33	28.49	54.00	-25.51	AVG	
5		1212.500	41.30	4.44	45.74	74.00	-28.26	peak	
6		1212.500	24.50	4.44	28.94	54.00	-25.06	AVG	
7		1245.000	39.50	4.50	44.00	74.00	-30.00	peak	
8		1245.000	24.51	4.50	29.01	54.00	-24.99	AVG	
9		4012.500	35.75	8.67	44.42	74.00	-29.58	peak	
10		4012.500	25.39	8.67	34.06	54.00	-19.94	AVG	
11		4997.500	34.42	9.90	44.32	74.00	-29.68	peak	
12	*	4997.500	24.91	9.90	34.81	54.00	-19.19	AVG	



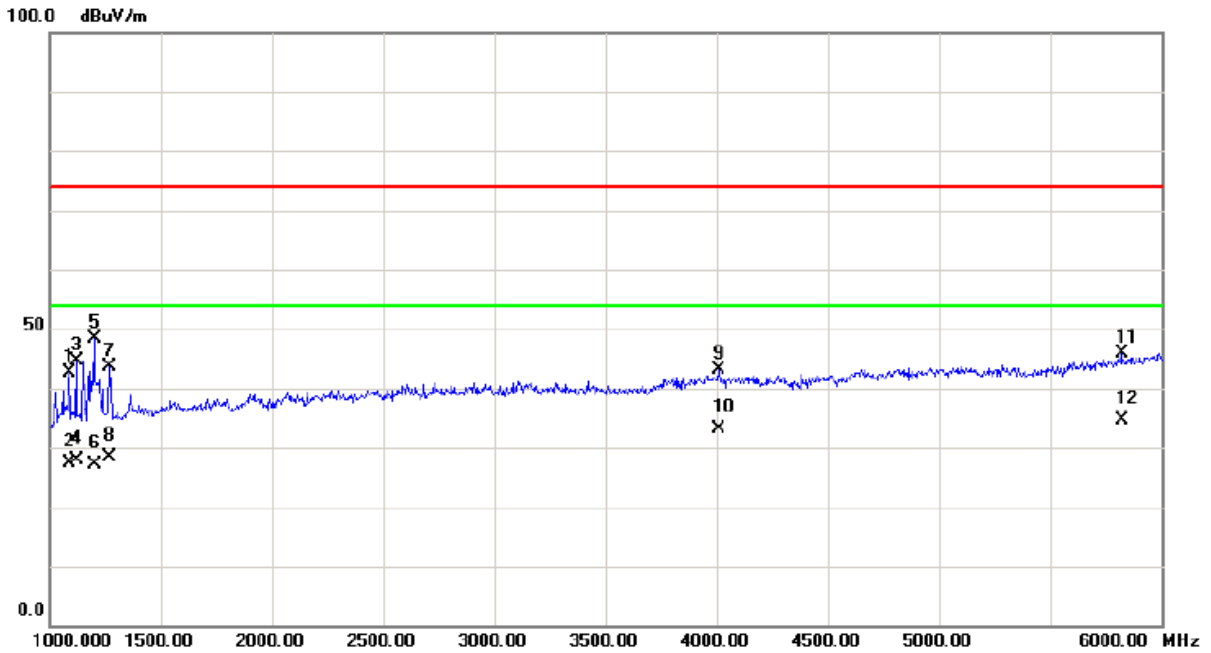
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Handset / High angle / 100Mbps		
Polarization:	Horizontal		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		1092.500	42.12	4.23	46.35	74.00	-27.65	peak	
2		1092.500	23.94	4.23	28.17	54.00	-25.83	AVG	
3		1152.500	43.42	4.34	47.76	74.00	-26.24	peak	
4		1152.500	23.20	4.34	27.54	54.00	-26.46	AVG	
5		1242.500	44.42	4.49	48.91	74.00	-25.09	peak	
6		1242.500	22.99	4.49	27.48	54.00	-26.52	AVG	
7		1272.500	40.77	4.54	45.31	74.00	-28.69	peak	
8		1272.500	22.82	4.54	27.36	54.00	-26.64	AVG	
9		1920.000	35.91	5.53	41.44	74.00	-32.56	peak	
10		1920.000	23.55	5.53	29.08	54.00	-24.92	AVG	
11		4010.000	37.28	8.66	45.94	74.00	-28.06	peak	
12	*	4010.000	25.52	8.66	34.18	54.00	-19.82	AVG	



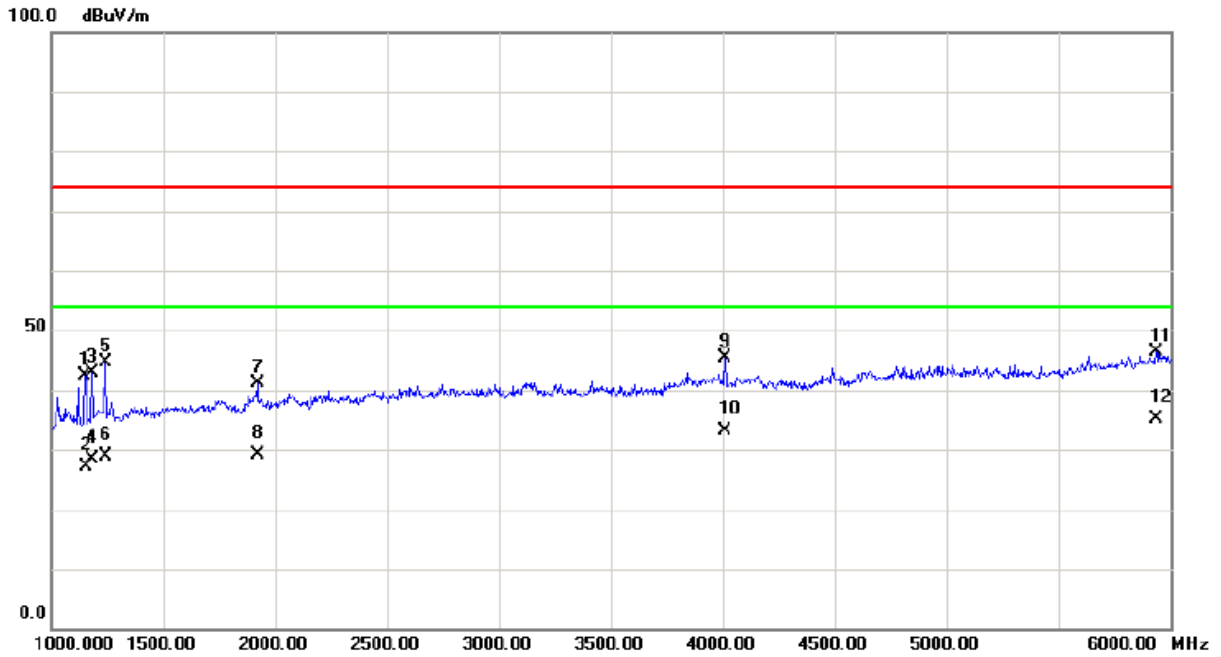
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Headset / High angle / 100Mbps		
Polarization:	Vertical		



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	1090.000	38.32	4.23	42.55	74.00	-31.45	peak	
2	1090.000	23.23	4.23	27.46	54.00	-26.54	AVG	
3	1120.000	40.37	4.28	44.65	74.00	-29.35	peak	
4	1120.000	23.60	4.28	27.88	54.00	-26.12	AVG	
5	1202.500	43.90	4.42	48.32	74.00	-25.68	peak	
6	1202.500	22.80	4.42	27.22	54.00	-26.78	AVG	
7	1272.500	39.18	4.54	43.72	74.00	-30.28	peak	
8	1272.500	23.90	4.54	28.44	54.00	-25.56	AVG	
9	4010.000	34.39	8.66	43.05	74.00	-30.95	peak	
10	4010.000	24.40	8.66	33.06	54.00	-20.94	AVG	
11	5822.500	34.87	10.99	45.86	74.00	-28.14	peak	
12 *	5822.500	23.53	10.99	34.52	54.00	-19.48	AVG	



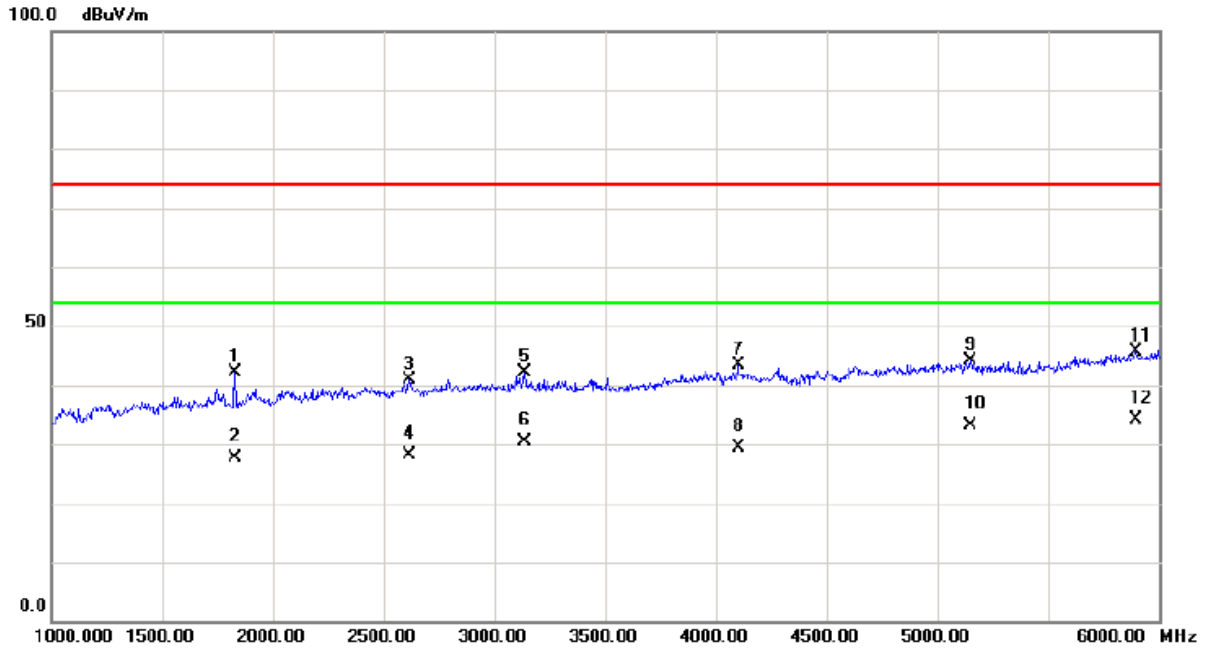
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Headset / High angle / 100Mbps		
Polarization:	Horizontal		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		1152.500	37.98	4.34	42.32	74.00	-31.68	peak	
2		1155.000	22.85	4.34	27.19	54.00	-26.81	AVG	
3		1185.000	38.53	4.39	42.92	74.00	-31.08	peak	
4		1185.000	24.03	4.39	28.42	54.00	-25.58	AVG	
5		1242.500	40.06	4.49	44.55	74.00	-29.45	peak	
6		1242.500	24.28	4.49	28.77	54.00	-25.23	AVG	
7		1920.000	35.49	5.53	41.02	74.00	-32.98	peak	
8		1920.000	23.48	5.53	29.01	54.00	-24.99	AVG	
9		4010.000	36.80	8.66	45.46	74.00	-28.54	peak	
10		4010.000	24.51	8.66	33.17	54.00	-20.83	AVG	
11		5935.000	35.23	11.17	46.40	74.00	-27.60	peak	
12	*	5935.000	23.92	11.17	35.09	54.00	-18.91	AVG	



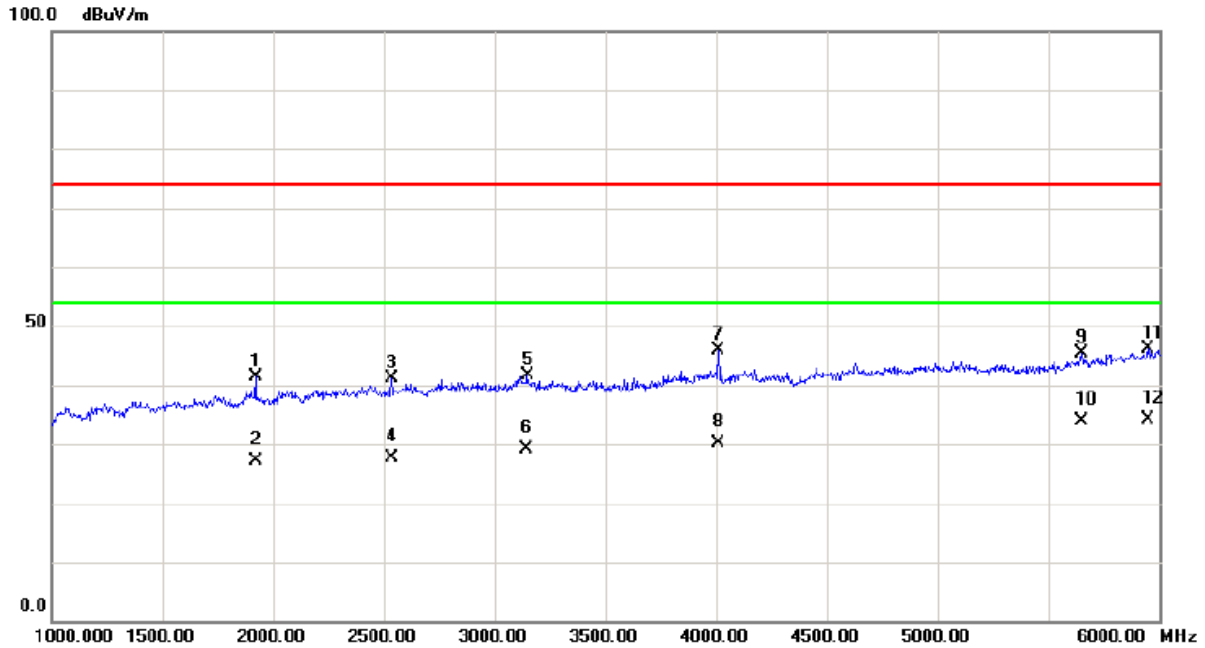
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Drawing / High angle / 100Mbps		
Polarization:	Vertical		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		1830.000	36.77	5.40	42.17	74.00	-31.83	peak	
2		1830.000	22.16	5.40	27.56	54.00	-26.44	AVG	
3		2615.000	34.03	6.89	40.92	74.00	-33.08	peak	
4		2615.000	21.20	6.89	28.09	54.00	-25.91	AVG	
5		3135.000	33.45	8.59	42.04	74.00	-31.96	peak	
6		3135.000	21.67	8.59	30.26	54.00	-23.74	AVG	
7		4102.500	34.57	8.79	43.36	74.00	-30.64	peak	
8		4102.500	20.52	8.79	29.31	54.00	-24.69	AVG	
9		5150.000	34.04	10.08	44.12	74.00	-29.88	peak	
10		5150.000	22.96	10.08	33.04	54.00	-20.96	AVG	
11		5897.500	34.64	11.11	45.75	74.00	-28.25	peak	
12	*	5897.500	22.95	11.11	34.06	54.00	-19.94	AVG	



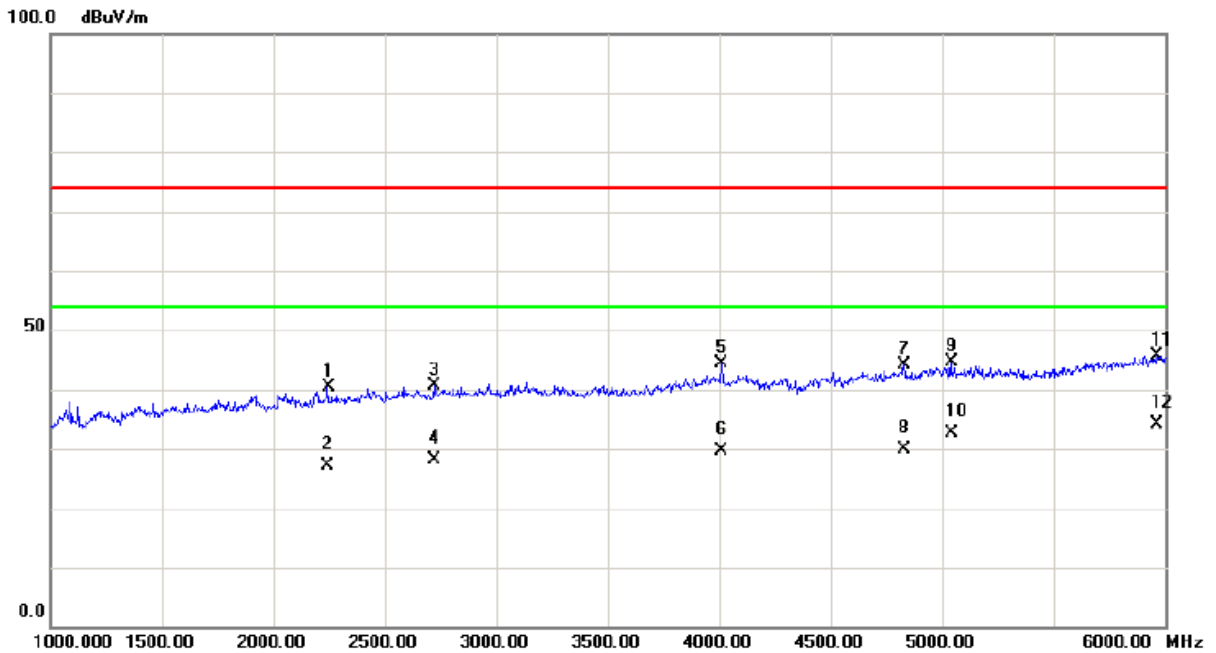
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Drawing / High angle / 100Mbps		
Polarization:	Horizontal		



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	1920.000	35.92	5.53	41.45	74.00	-32.55	peak	
2	1920.000	21.53	5.53	27.06	54.00	-26.94	AVG	
3	2537.500	34.51	6.57	41.08	74.00	-32.92	peak	
4	2537.500	21.02	6.57	27.59	54.00	-26.41	AVG	
5	3147.500	33.01	8.60	41.61	74.00	-32.39	peak	
6	3147.500	20.46	8.60	29.06	54.00	-24.94	AVG	
7	4010.000	37.27	8.66	45.93	74.00	-28.07	peak	
8	4010.000	21.47	8.66	30.13	54.00	-23.87	AVG	
9	5652.500	34.60	10.73	45.33	74.00	-28.67	peak	
10	5652.500	23.23	10.73	33.96	54.00	-20.04	AVG	
11	5950.000	35.00	11.19	46.19	74.00	-27.81	peak	
12 *	5950.000	22.86	11.19	34.05	54.00	-19.95	AVG	



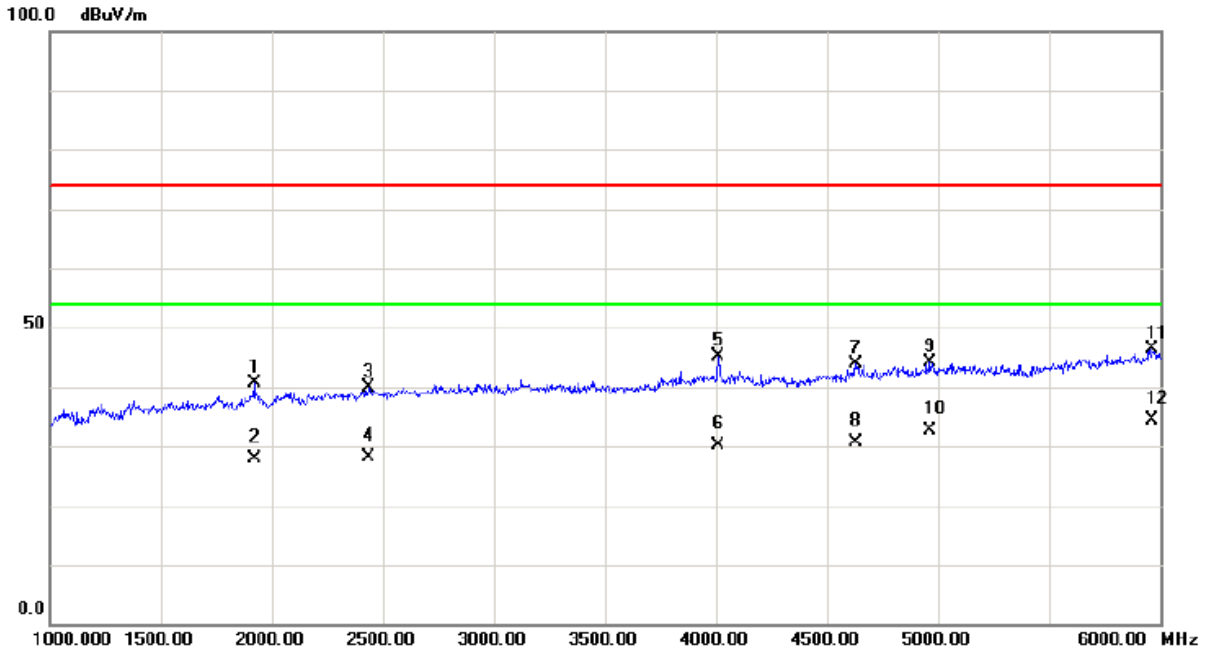
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	NFC / High angle / 100Mbps		
Polarization:	Vertical		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2247.500	34.38	6.02	40.40	74.00	-33.60	peak	
2		2247.500	21.14	6.02	27.16	54.00	-26.84	AVG	
3		2722.500	33.22	7.34	40.56	74.00	-33.44	peak	
4		2722.500	20.69	7.34	28.03	54.00	-25.97	AVG	
5		4010.000	35.64	8.66	44.30	74.00	-29.70	peak	
6		4010.000	21.00	8.66	29.66	54.00	-24.34	AVG	
7		4830.000	34.43	9.70	44.13	74.00	-29.87	peak	
8		4830.000	20.27	9.70	29.97	54.00	-24.03	AVG	
9		5042.500	34.59	9.95	44.54	74.00	-29.46	peak	
10		5042.500	22.66	9.95	32.61	54.00	-21.39	AVG	
11		5962.500	34.46	11.21	45.67	74.00	-28.33	peak	
12	*	5962.500	22.87	11.21	34.08	54.00	-19.92	AVG	



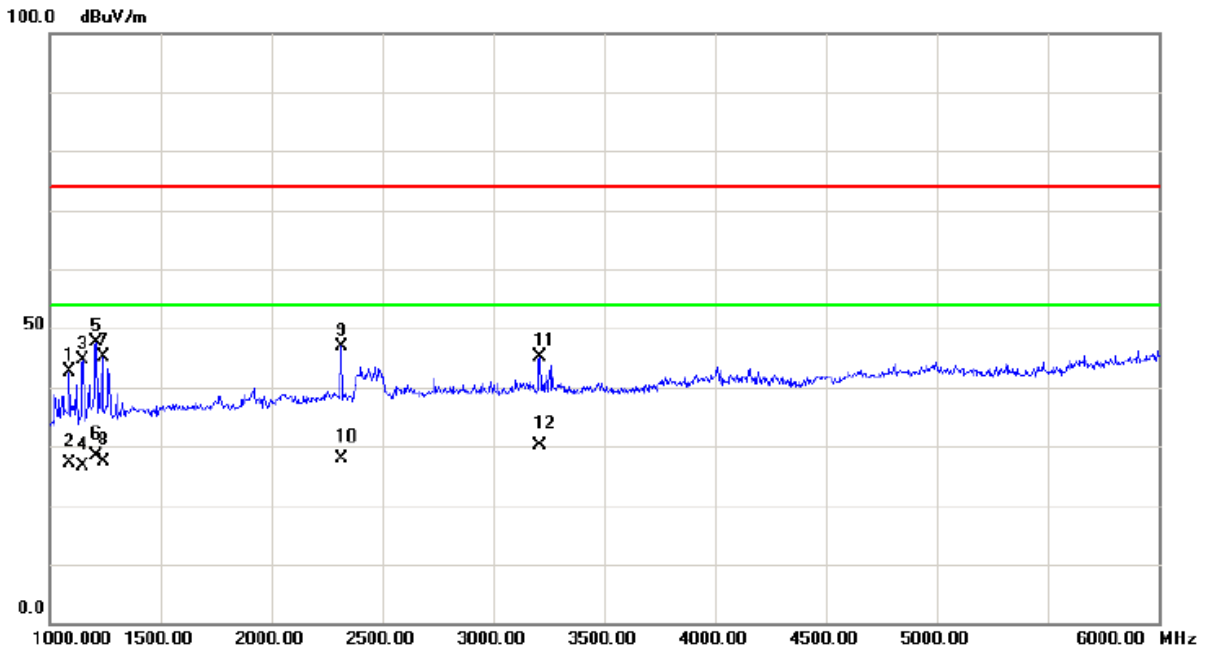
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	NFC / High angle / 100Mbps		
Polarization:	Horizontal		



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	1920.000	35.01	5.53	40.54	74.00	-33.46	peak	
2	1920.000	22.38	5.53	27.91	54.00	-26.09	AVG	
3	2435.000	33.61	6.31	39.92	74.00	-34.08	peak	
4	2435.000	21.72	6.31	28.03	54.00	-25.97	AVG	
5	4010.000	36.57	8.66	45.23	74.00	-28.77	peak	
6	4010.000	21.37	8.66	30.03	54.00	-23.97	AVG	
7	4632.500	34.35	9.47	43.82	74.00	-30.18	peak	
8	4632.500	21.11	9.47	30.58	54.00	-23.42	AVG	
9	4965.000	34.18	9.86	44.04	74.00	-29.96	peak	
10	4965.000	22.83	9.86	32.69	54.00	-21.31	AVG	
11	5965.000	35.20	11.22	46.42	74.00	-27.58	peak	
12 *	5965.000	23.07	11.22	34.29	54.00	-19.71	AVG	



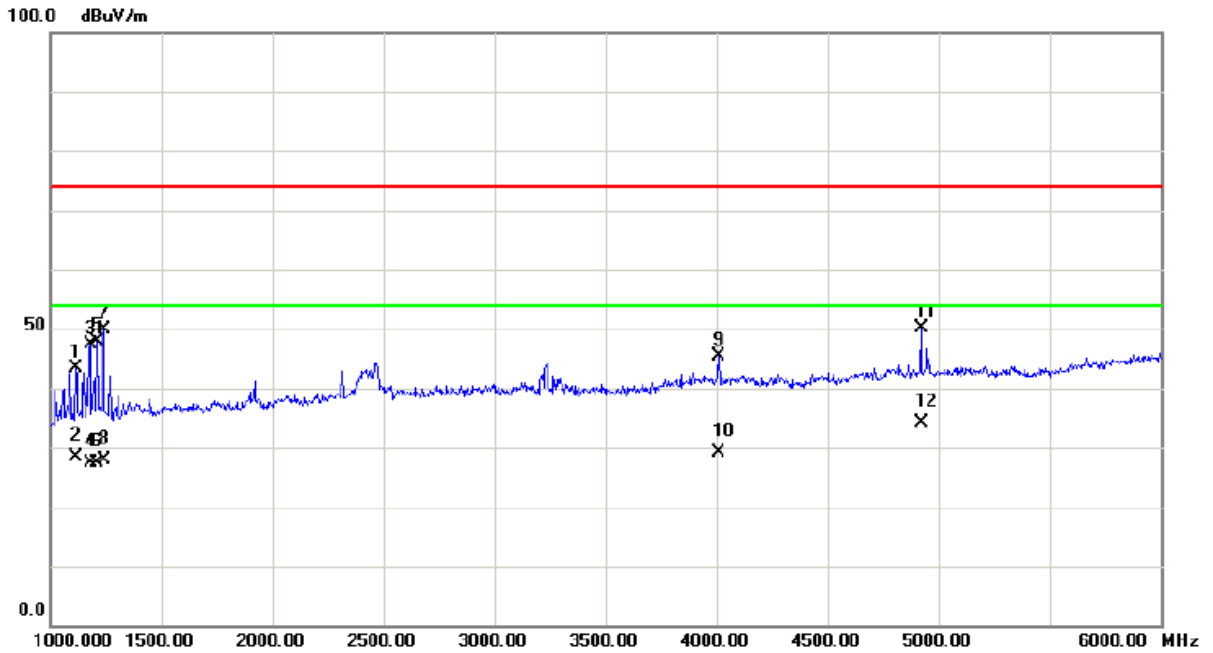
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Bluetooth / High angle / 100Mbps		
Polarization:	Vertical		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		1090.000	38.39	4.23	42.62	74.00	-31.38	peak	
2		1090.000	22.92	4.23	27.15	54.00	-26.85	AVG	
3		1150.000	40.29	4.33	44.62	74.00	-29.38	peak	
4		1150.000	22.28	4.33	26.61	54.00	-27.39	AVG	
5		1210.000	43.09	4.44	47.53	74.00	-26.47	peak	
6		1210.000	23.83	4.44	28.27	54.00	-25.73	AVG	
7		1242.500	40.53	4.49	45.02	74.00	-28.98	peak	
8		1242.500	22.79	4.49	27.28	54.00	-26.72	AVG	
9		2317.500	40.84	6.13	46.97	74.00	-27.03	peak	
10		2317.500	21.87	6.13	28.00	54.00	-26.00	AVG	
11		3210.000	36.40	8.63	45.03	74.00	-28.97	peak	
12	*	3210.000	21.41	8.63	30.04	54.00	-23.96	AVG	



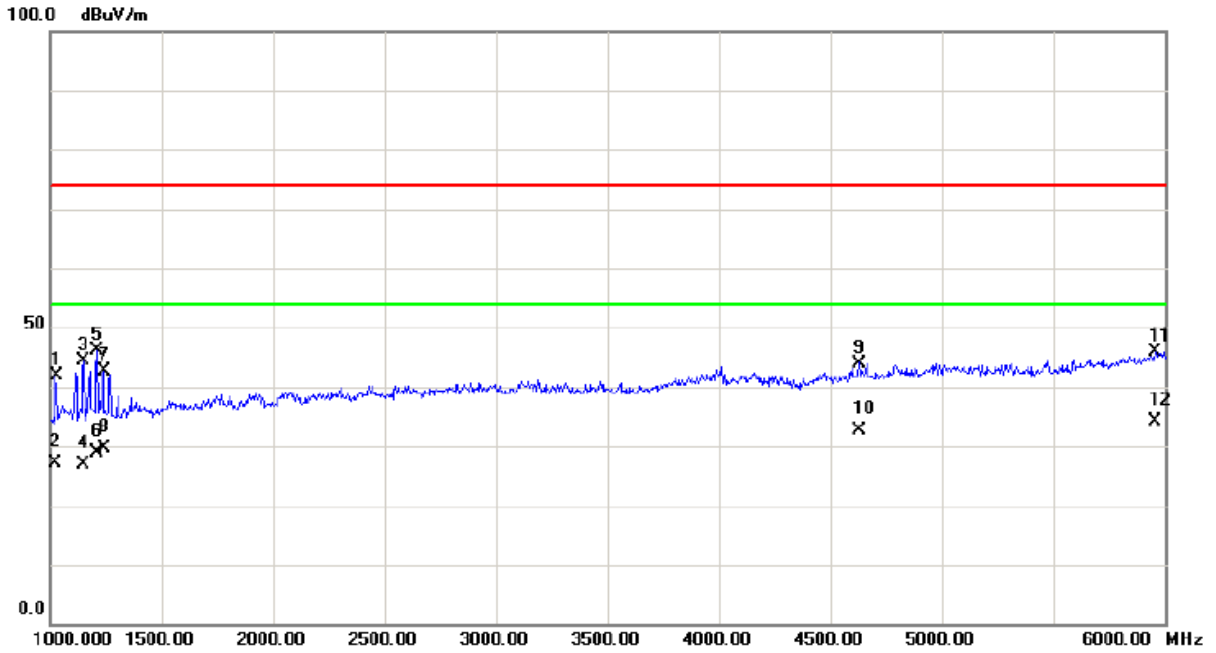
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Bluetooth / High angle / 100Mbps		
Polarization:	Horizontal		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		1117.500	39.20	4.27	43.47	74.00	-30.53	peak	
2		1117.500	24.03	4.27	28.30	54.00	-25.70	AVG	
3		1180.000	42.91	4.38	47.29	74.00	-26.71	peak	
4		1180.000	22.96	4.38	27.34	54.00	-26.66	AVG	
5		1210.000	43.40	4.44	47.84	74.00	-26.16	peak	
6		1210.000	23.06	4.44	27.50	54.00	-26.50	AVG	
7		1240.000	45.45	4.49	49.94	74.00	-24.06	peak	
8		1240.000	23.31	4.49	27.80	54.00	-26.20	AVG	
9		4010.000	36.78	8.66	45.44	74.00	-28.56	peak	
10		4010.000	20.40	8.66	29.06	54.00	-24.94	AVG	
11		4922.500	40.20	9.81	50.01	74.00	-23.99	peak	
12	*	4922.500	24.40	9.81	34.21	54.00	-19.79	AVG	



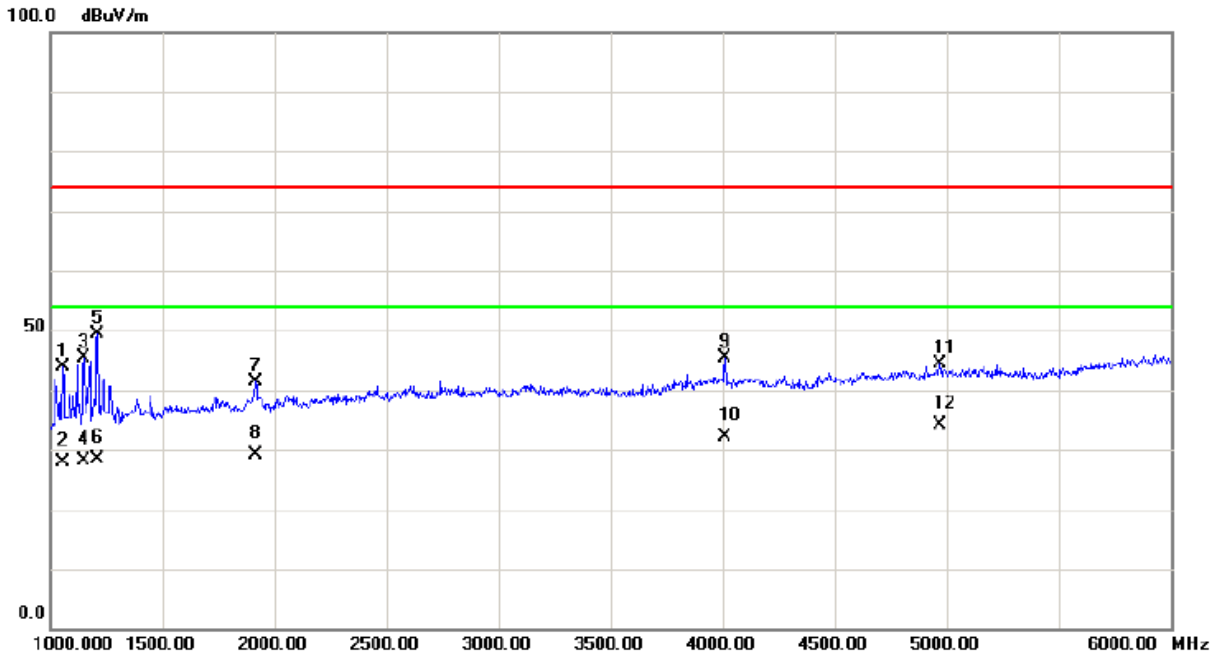
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Speaker / High angle / 10Mbps		
Polarization:	Vertical		



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	1027.500	37.79	4.12	41.91	74.00	-32.09	peak	
2	1027.500	23.07	4.12	27.19	54.00	-26.81	AVG	
3	1150.000	40.08	4.33	44.41	74.00	-29.59	peak	
4	1150.000	22.64	4.33	26.97	54.00	-27.03	AVG	
5	1210.000	41.57	4.44	46.01	74.00	-27.99	peak	
6	1210.000	24.47	4.44	28.91	54.00	-25.09	AVG	
7	1240.000	38.17	4.49	42.66	74.00	-31.34	peak	
8	1240.000	25.15	4.49	29.64	54.00	-24.36	AVG	
9	4632.500	34.53	9.47	44.00	74.00	-30.00	peak	
10	4632.500	23.14	9.47	32.61	54.00	-21.39	AVG	
11	5955.000	34.67	11.20	45.87	74.00	-28.13	peak	
12 *	5955.000	22.88	11.20	34.08	54.00	-19.92	AVG	



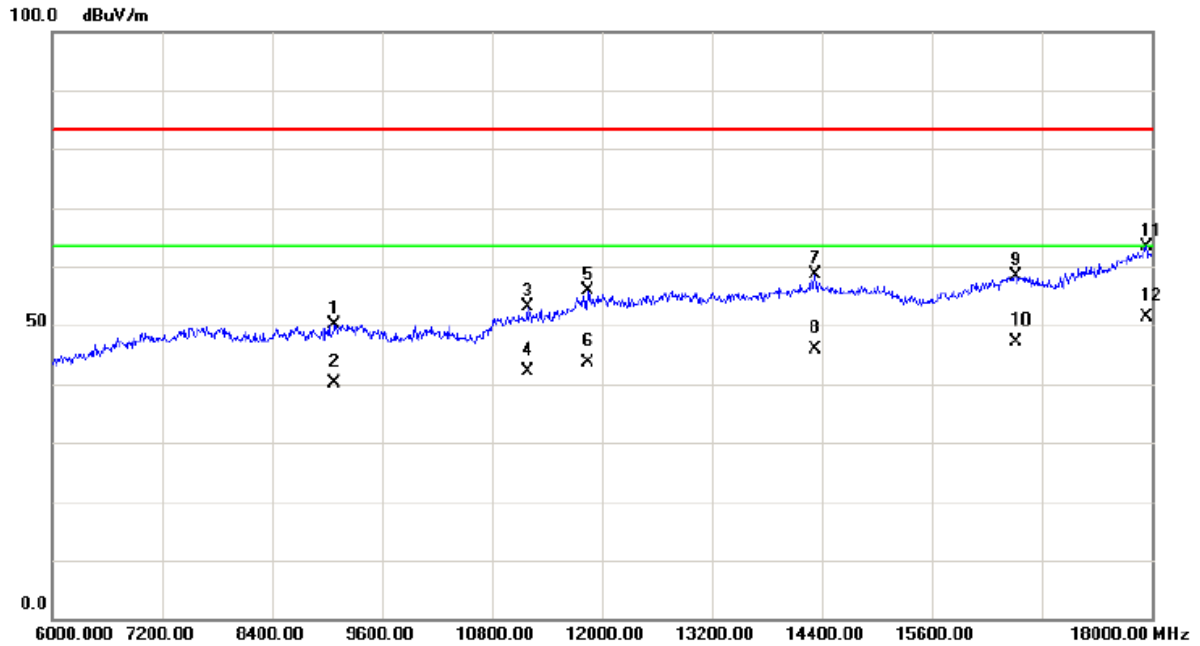
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Speaker / High angle / 10Mbps		
Polarization:	Horizontal		



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	1057.500	39.75	4.17	43.92	74.00	-30.08	peak	
2	1057.500	23.72	4.17	27.89	54.00	-26.11	AVG	
3	1150.000	41.09	4.33	45.42	74.00	-28.58	peak	
4	1150.000	23.73	4.33	28.06	54.00	-25.94	AVG	
5	1210.000	45.01	4.44	49.45	74.00	-24.55	peak	
6	1210.000	24.04	4.44	28.48	54.00	-25.52	AVG	
7	1917.500	35.74	5.52	41.26	74.00	-32.74	peak	
8	1917.500	23.49	5.52	29.01	54.00	-24.99	AVG	
9	4010.000	36.77	8.66	45.43	74.00	-28.57	peak	
10	4010.000	23.50	8.66	32.16	54.00	-21.84	AVG	
11	4972.500	34.56	9.87	44.43	74.00	-29.57	peak	
12 *	4972.500	24.21	9.87	34.08	54.00	-19.92	AVG	



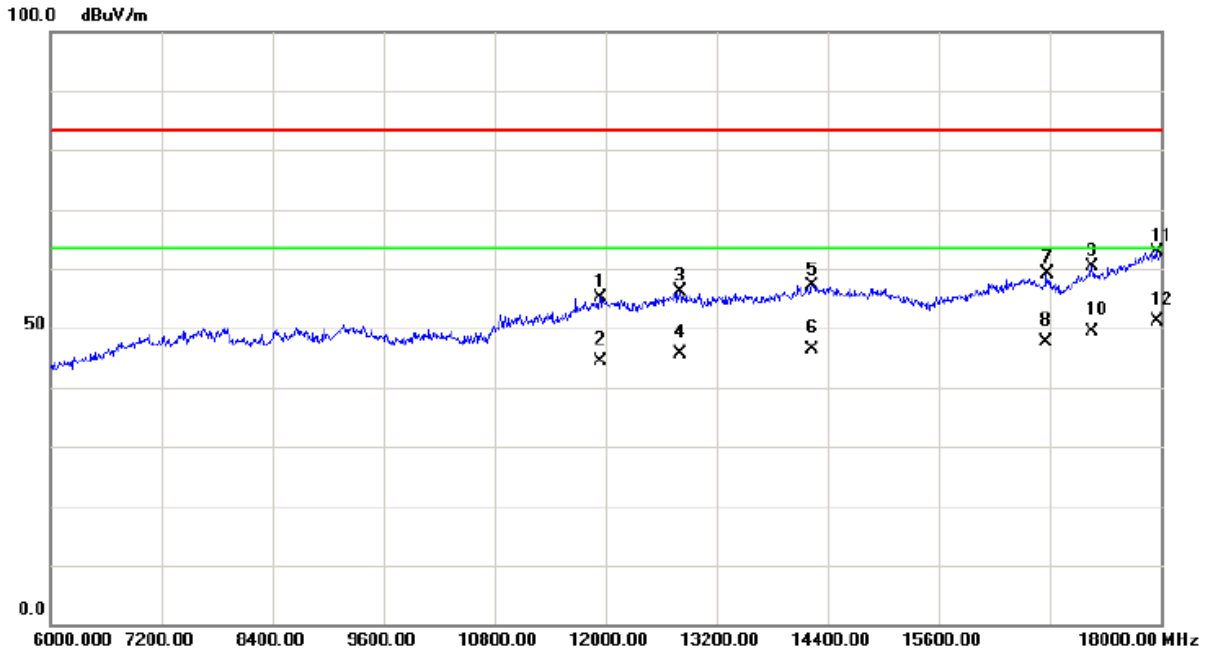
E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Speaker / High angle / 100Mbps		
Polarization:	Vertical		



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	9084.000	36.33	13.92	50.25	83.50	-33.25	peak	
2	9084.000	26.33	13.92	40.25	63.50	-23.25	AVG	
3	11184.00	39.37	13.65	53.02	83.50	-30.48	peak	
4	11184.00	28.51	13.65	42.16	63.50	-21.34	AVG	
5	11850.00	41.57	14.33	55.90	83.50	-27.60	peak	
6	11850.00	29.26	14.33	43.59	63.50	-19.91	AVG	
7	14328.00	41.96	16.71	58.67	83.50	-24.83	peak	
8	14328.00	29.29	16.71	46.00	63.50	-17.50	AVG	
9	16518.00	43.25	15.24	58.49	83.50	-25.01	peak	
10	16518.00	31.87	15.24	47.11	63.50	-16.39	AVG	
11	17940.00	46.24	17.12	63.36	83.50	-20.14	peak	
12 *	17940.00	34.15	17.12	51.27	63.50	-12.23	AVG	



E.U.T :	Cisco TelePresence Touch 10	Model Name :	TTC5-09
Temperature :	25°C	Relative Humidity :	60 %
Pressure :	1010 hPa	Test Power :	PoE 48V
Test Mode :	Video+Network+CPU+USB+Speaker / High angle / 100Mbps		
Polarization:	Horizontal		



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	11940.00	40.57	14.61	55.18	83.50	-28.32	peak	
2	11940.00	29.70	14.61	44.31	63.50	-19.19	AVG	
3	12810.00	41.14	14.98	56.12	83.50	-27.38	peak	
4	12810.00	30.70	14.98	45.68	63.50	-17.82	AVG	
5	14232.00	40.68	16.52	57.20	83.50	-26.30	peak	
6	14232.00	29.77	16.52	46.29	63.50	-17.21	AVG	
7	16770.00	42.94	16.07	59.01	83.50	-24.49	peak	
8	16770.00	31.61	16.07	47.68	63.50	-15.82	AVG	
9	17262.00	43.41	16.89	60.30	83.50	-23.20	peak	
10	17262.00	32.51	16.89	49.40	63.50	-14.10	AVG	
11	17958.00	45.88	17.12	63.00	83.50	-20.50	peak	
12 *	17958.00	34.09	17.12	51.21	63.50	-12.29	AVG	

PHOTOGRAPHS OF EUT





