FCC Test Report

Project No.	:	1703C090
Equipment	:	IP Phone
Test Model	:	X3SP
Series Model	:	X3S
Applicant	:	Fanvil Technology Co.Ltd
Address	:	3F, Block A, Gaoxinqi Building, Anhua Industrial Park, Qianjin 1st Rd. 35th Dist., Bao'An, Shenzhen, 518101, China

Date of Receipt	:	Mar. 10, 2017
Date of Test	:	Mar. 13, 2017 ~ May 17, 2017
Issued Date	:	May 18, 2017
Tested by	:	BTL Inc.

Testing Engineer : _____
(Pike Lee)

Technical Manager : _____
(Jeff Yang)

Authorized Signatory : _____
(Andy Chiu)

BTL INC.

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Testing Laboratory
0659

Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL'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. **BTL** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

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BTL'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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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCE-1-1703C090	Original Issue.	May 18, 2017

1. CERIFICATION

Equipment	:	IP Phone
Brand Name	:	Fanvil
Test Model	:	X3SP
Series Model		X3S
Applicant	:	Fanvil Technology Co.Ltd
Manufacturer	:	Fanvil Technology Co.Ltd
Address	:	3F, Block A, Gaoxinqi Building, Anhua Industrial Park, Qianjin 1st Rd. 35th Dist., Bao'An, Shenzhen, 518101, China
Factory	:	Fanvil Technology Co.Ltd
Address	:	3F, Block A, Gaoxinqi Building, Anhua Industrial Park, Qianjin 1st Rd. 35th Dist., Bao'An, Shenzhen, 518101, China
Date of Test	:	Mar. 13, 2017 ~ May 17, 2017
Test Sample	:	Engineering Sample
Standard(s)	:	FCC Part 15, Subpart B ANSI C63.4-2014

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCE-1-1703C090) 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).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

EMC Emission				
Standard(s)	Test Item	Limit	Judgment	Remark
FCC Part15, Subpart B ANSI C63.4-2014	Conducted Emission	Class B	PASS	
	Radiated emission Below 1 GHz	Class B	PASS	
	Radiated emission Above 1 GHz	Class B	PASS	NOTE(2)

NOTE:

(1) ” N/A” denotes test is not applicable to this device.

(2) The EUT’s max operating frequency is 166MHz which does exceed 108 MHz, so the test will be performed.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No. 68-1, Ln. 169, Sec.2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

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 BTL measurement uncertainty is less than the CISPR 16-4-2 U_{cispr} requirement.

The reported uncertainty of measurement **y** ± **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**%.

A. Conducted Measurement :

Test Site	Method	Measurement Frequency Range	U, (dB)
C05	CISPR	150 kHz~30MHz	3.06

B. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
CB11 (3m)	CISPR	30 MHz ~ 200 MHz	V	4.04
		30 MHz ~ 200 MHz	H	3.76
		200 MHz ~ 1, 000 MHz	V	4.24
		200 MHz ~ 1, 000 MHz	H	3.84

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
CB11 (3m)	CISPR	1GHz ~ 6GHz	V	4.46
		1GHz ~ 6GHz	H	4.40

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	IP Phone
Brand Name	Fanvil
Test Model	X3SP
Series Model	X3S
Model Difference	Only differ in hardware of PoE power supply module.
Power Source	1)DC Voltage supplied from AC/DC adapter. Manufacturer: SHENZHEN FRECOM ELECTRONICS CO.,LTD Model:F05L5-050060SPAU L.P.S. 2)Supplied from PoE.
Power Rating	1)I/P: 100-240V~50/60Hz 0.2A, O/P: DC 5V600mA 2)DC 48V

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

3.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generated 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	Handfree
Mode 2	Handset
Mode 3	Earphone

For Conducted Test	
Final Test Mode	Description
Mode 1	Handfree
Mode 2	Handset
Mode 3	Earphone

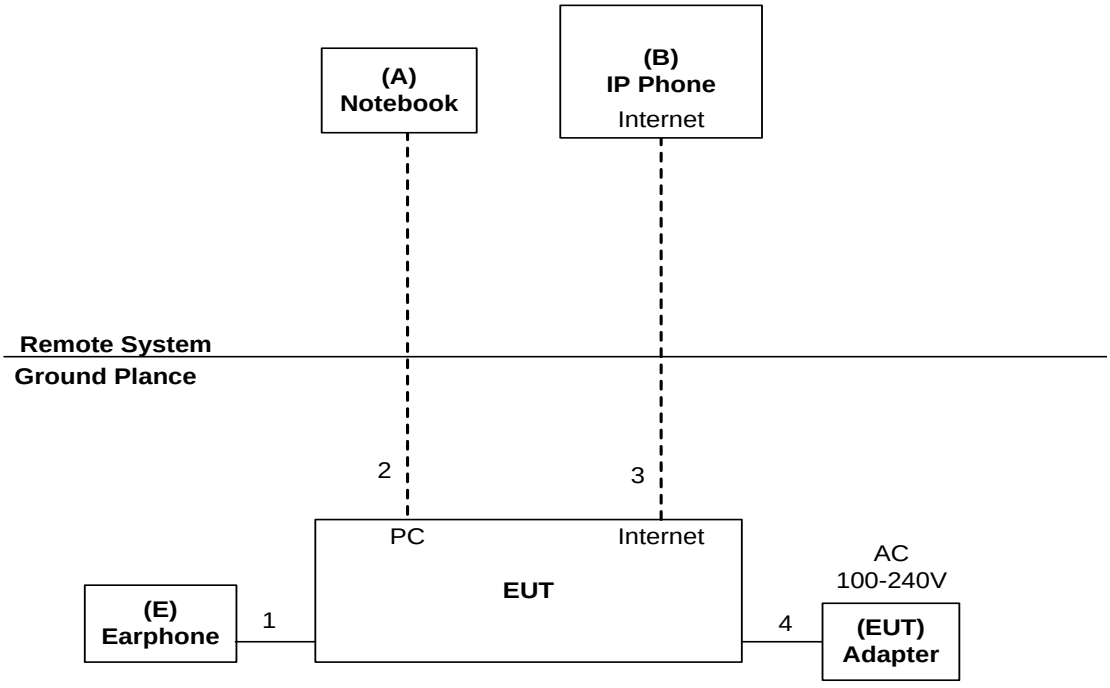
For Radiated Test	
Final Test Mode	Description
Mode 1	Handfree
Mode 2	Handset
Mode 3	Earphone

3.3 EUT OPERATING CONDITIONS

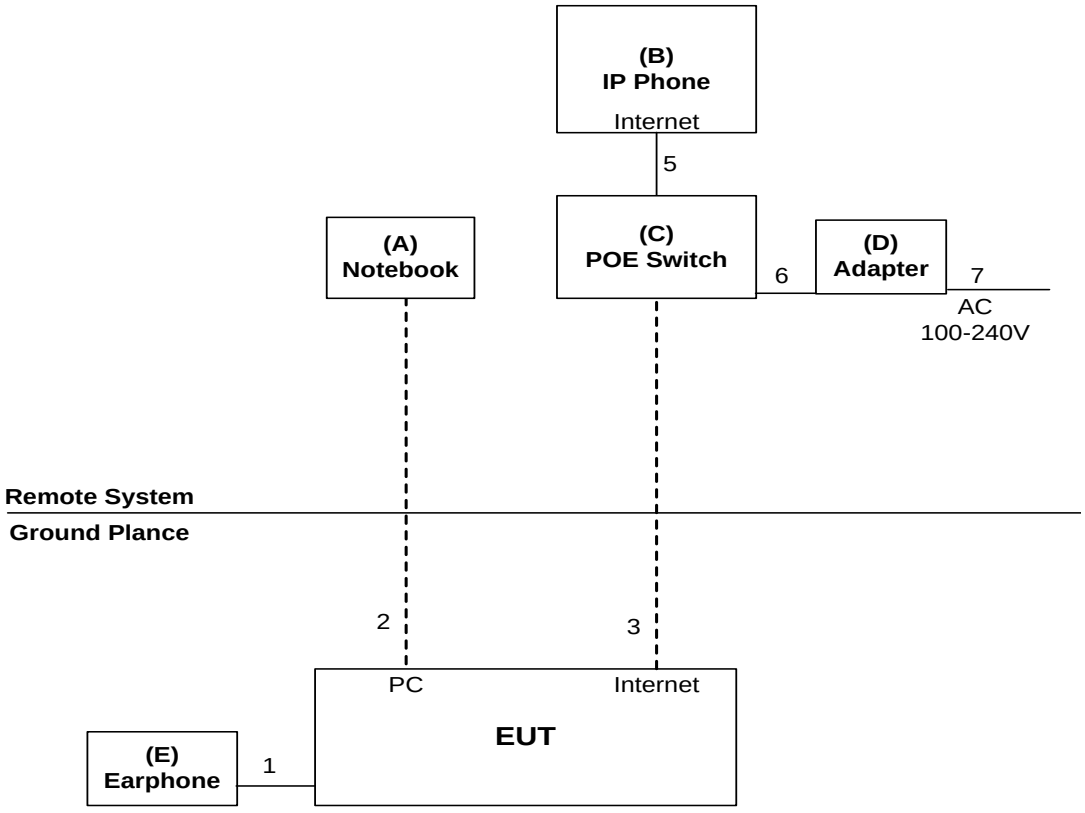
The EUT exercise program used during radiated and/or conducted emission measurement was designed to exercise the various system components in a manner similar to a typical use.

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Adapter



PoE



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	Series No.
A	Notebook	Lenovo	G40	DOC	YB09261386
B	IP Phone	Fanvil	X4SP	N/A	996HN6172000743
C	PoE Switch	Fanvil	DGS-1008P/Dlink	N/A	N/A
D	Adapter	Leader	NU60-F4B0125-I1NN	N/A	N/A
E	Earphone	Fanvil	A310QD	N/A	N/A

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1m	RJ11 Cable
2	NO	NO	10m	RJ45 Cable
3	NO	NO	10m	RJ45 Cable
4	NO	NO	1.5m	DC Cable
5	NO	NO	1.8m	RJ45 Cable
6	NO	YES	1.5m	DC Cable
7	NO	NO	1.8m	AC Cable

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) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor(if use)
Margin Level = Measurement Value - Limit Value

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	101050	Feb. 01, 2018
2	Test Cable	TIMES	CFD300-NL	C05	Jun. 13, 2017
3	EMI Test Receiver	R&S	ESR3	101854	May 12, 2018
4	Measurement Software	EZ	EZ_EMC (Version NB-03A)	N/A	N/A

Remark: “N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

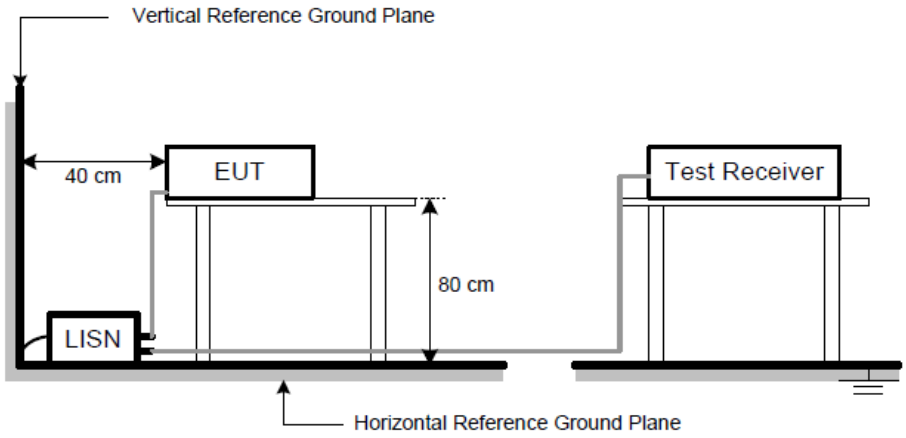
4.1.3 TEST PROCEDURE

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.
f. First the whole spectrum of emission caused by equipment under test(EUT) is recorded with Detector set to peak. Peak value recorded in table if the margin from QP Limit is larger than 2dB,otherwise,QP value is recorded, Measuring frequency range from 150KHz to 30MHz.

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP

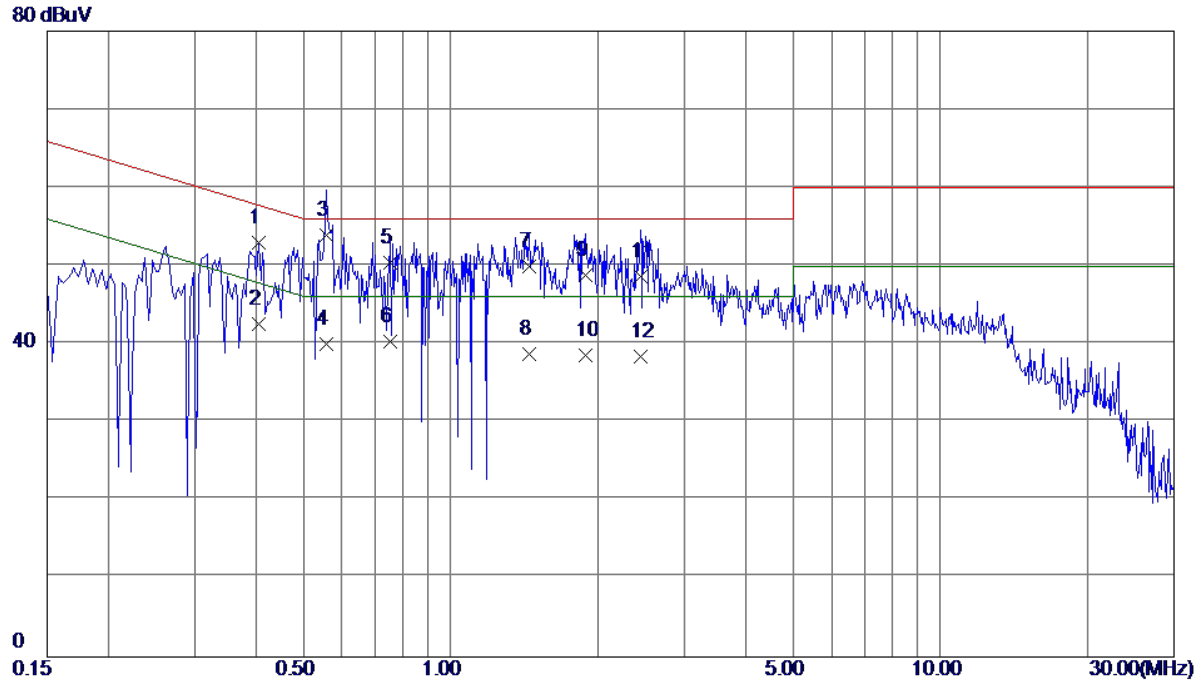


4.1.6 TEST RESULTS

Remark

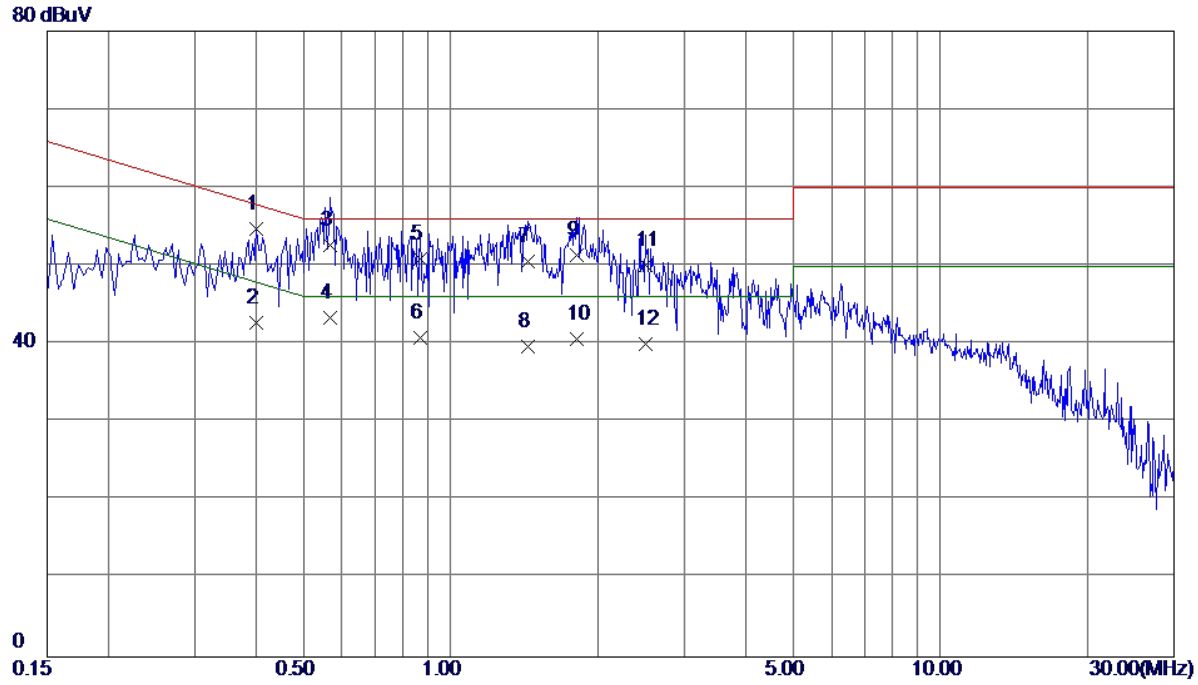
(1) Reading in which marked as QP means measurements by using are Quasi-Peak Mode with Detector BW=9KHz；SPA setting in RBW=10KHz,VBW =10KHz, Swp. Time = 0.3 sec./MHz。Reading in which marked as AV means measurements by using are Average Mode with instrument setting in RBW=10KHz,VBW=10KHz, Swp. Time =0.3 sec./MHz.
(2) 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.

EUT	IP Phone	Model Name	X3SP
Temperature	24°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	Handfree		
Note	Adapter		
Test Engineer	Pike Lee		



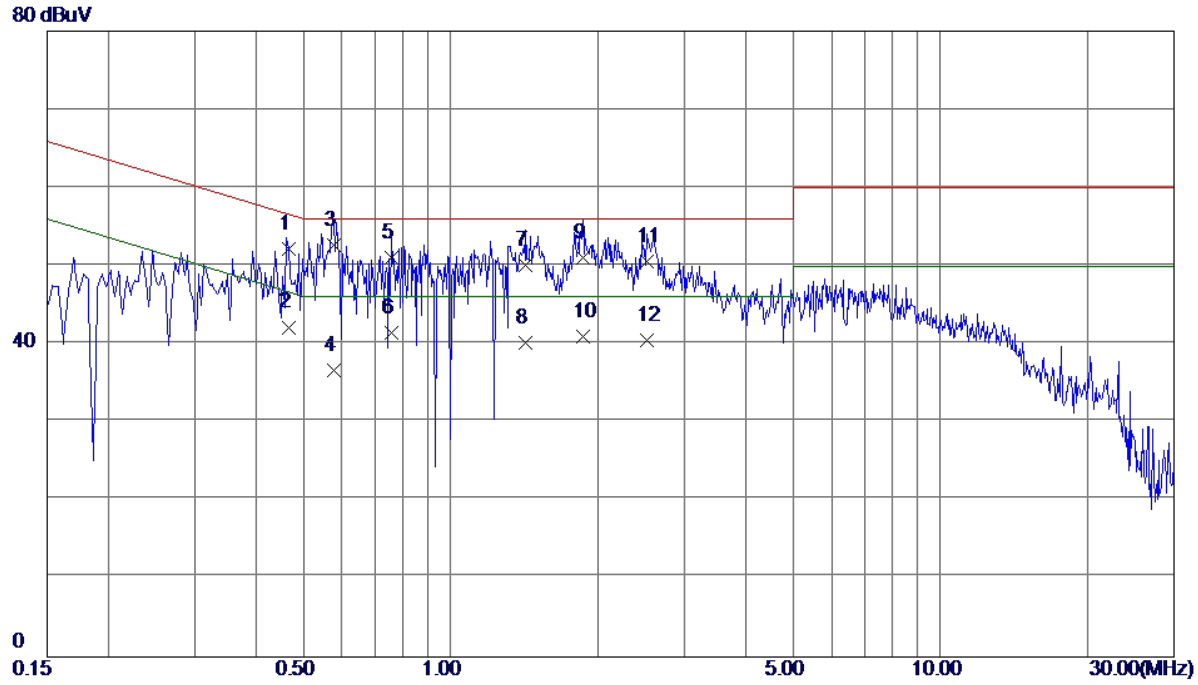
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1	0.4060	43.43	9.59	53.02	57.73	-4.71	QP
2	0.4060	33.00	9.59	42.59	47.73	-5.14	AVG
3 *	0.5580	44.20	9.70	53.90	56.00	-2.10	QP
4	0.5580	30.30	9.70	40.00	46.00	-6.00	AVG
5	0.7539	40.60	9.77	50.37	56.00	-5.63	QP
6	0.7539	30.60	9.77	40.37	46.00	-5.63	AVG
7	1.4500	39.90	9.95	49.85	56.00	-6.15	QP
8	1.4500	28.70	9.95	38.65	46.00	-7.35	AVG
9	1.8820	38.80	10.00	48.80	56.00	-7.20	QP
10	1.8820	28.60	10.00	38.60	46.00	-7.40	AVG
11	2.4380	38.40	10.21	48.61	56.00	-7.39	QP
12	2.4380	28.20	10.21	38.41	46.00	-7.59	AVG

EUT	IP Phone	Model Name	X3SP
Temperature	24°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Phase	Neutral
Test Mode	Handfree		
Note	Adapter		
Test Engineer	Pike Lee		



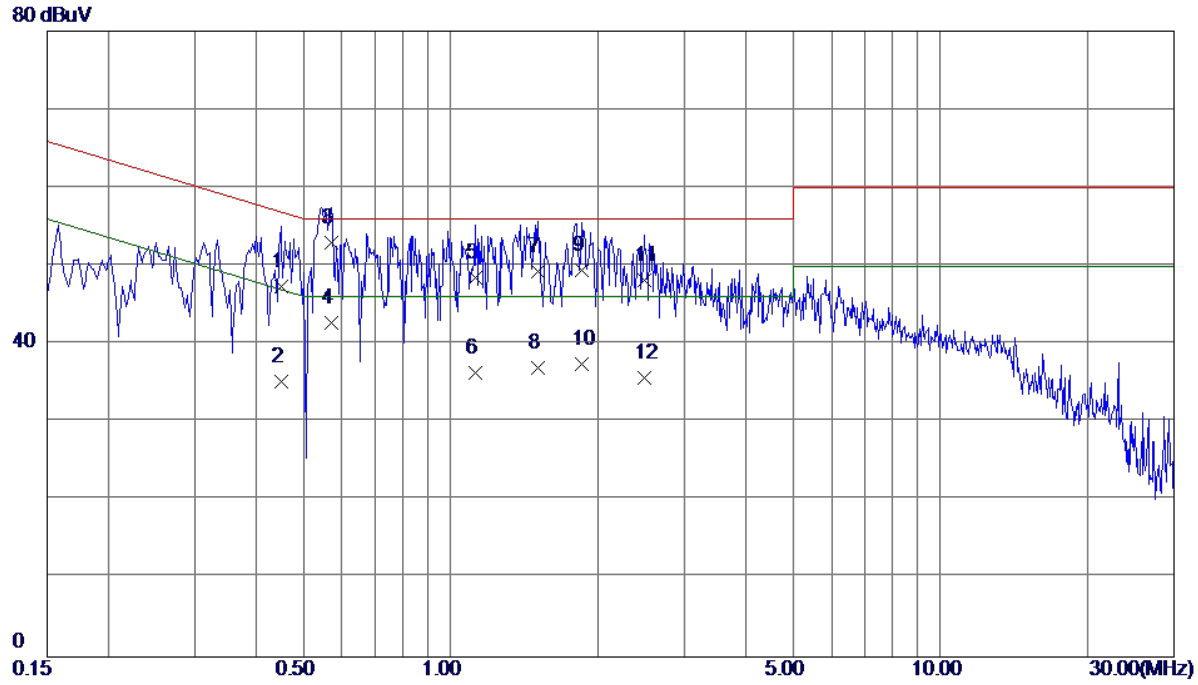
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1	0.4020	45.28	9.48	54.76	57.81	-3.05	QP
2	0.4020	33.20	9.48	42.68	47.81	-5.13	AVG
3	0.5660	43.20	9.50	52.70	56.00	-3.30	QP
4 *	0.5660	33.90	9.50	43.40	46.00	-2.60	AVG
5	0.8660	41.21	9.69	50.90	56.00	-5.10	QP
6	0.8660	31.11	9.69	40.80	46.00	-5.20	AVG
7	1.4420	40.80	9.77	50.57	56.00	-5.43	QP
8	1.4420	29.90	9.77	39.67	46.00	-6.33	AVG
9	1.8060	41.60	9.80	51.40	56.00	-4.60	QP
10	1.8060	30.90	9.80	40.70	46.00	-5.30	AVG
11	2.4980	40.10	9.93	50.03	56.00	-5.97	QP
12	2.4980	30.00	9.93	39.93	46.00	-6.07	AVG

EUT	IP Phone	Model Name	X3SP
Temperature	24°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	Handset		
Note	Adapter		
Test Engineer	Pike Lee		



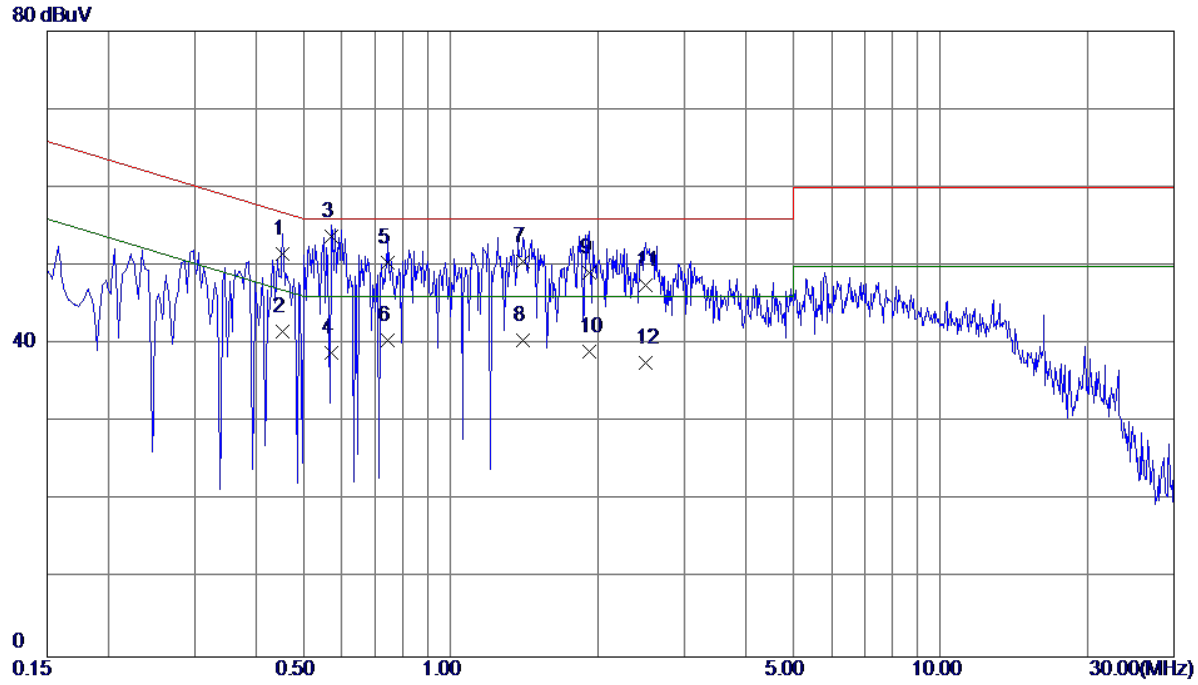
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1	0.4661	42.52	9.65	52.17	56.58	-4.41	QP
2	0.4661	32.51	9.65	42.16	46.58	-4.42	AVG
3 *	0.5780	42.90	9.70	52.60	56.00	-3.40	QP
4	0.5780	26.90	9.70	36.60	46.00	-9.40	AVG
5	0.7580	41.31	9.77	51.08	56.00	-4.92	QP
6	0.7580	31.64	9.77	41.41	46.00	-4.59	AVG
7	1.4220	40.20	9.94	50.14	56.00	-5.86	QP
8	1.4220	30.20	9.94	40.14	46.00	-5.86	AVG
9	1.8620	41.00	10.00	51.00	56.00	-5.00	QP
10	1.8620	31.00	10.00	41.00	46.00	-5.00	AVG
11	2.5140	40.30	10.24	50.54	56.00	-5.46	QP
12	2.5140	30.30	10.24	40.54	46.00	-5.46	AVG

EUT	IP Phone	Model Name	X3SP
Temperature	24°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Phase	Neutral
Test Mode	Handset		
Note	Adapter		
Test Engineer	Pike Lee		



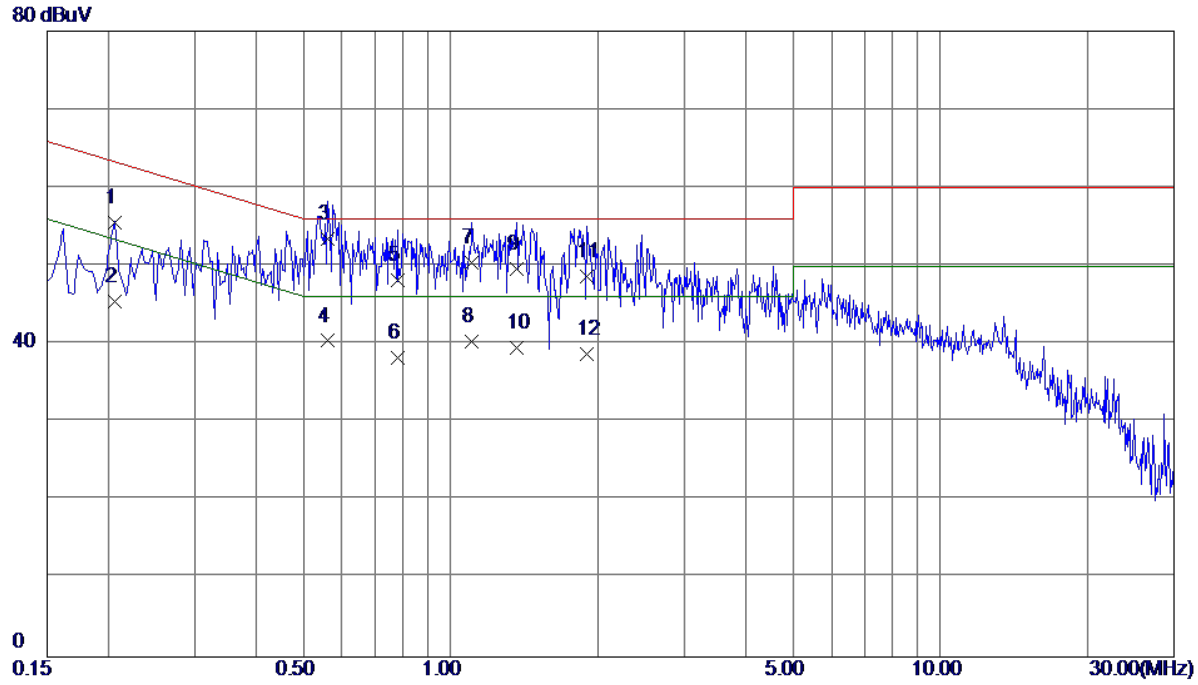
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1	0.4500	37.80	9.49	47.29	56.88	-9.59	QP
2	0.4500	25.70	9.49	35.19	46.88	-11.69	AVG
3 *	0.5700	43.50	9.50	53.00	56.00	-3.00	QP
4	0.5700	33.20	9.50	42.70	46.00	-3.30	AVG
5	1.1220	38.70	9.75	48.45	56.00	-7.55	QP
6	1.1220	26.60	9.75	36.35	46.00	-9.65	AVG
7	1.5060	39.50	9.78	49.28	56.00	-6.72	QP
8	1.5060	27.20	9.78	36.98	46.00	-9.02	AVG
9	1.8580	39.60	9.80	49.40	56.00	-6.60	QP
10	1.8580	27.60	9.80	37.40	46.00	-8.60	AVG
11	2.4820	38.20	9.93	48.13	56.00	-7.87	QP
12	2.4820	25.80	9.93	35.73	46.00	-10.27	AVG

EUT	IP Phone	Model Name	X3SP
Temperature	24°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	Earphone		
Note	Adapter		
Test Engineer	Pike Lee		



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1	0.4540	41.90	9.64	51.54	56.80	-5.26	QP
2	0.4540	31.90	9.64	41.54	46.80	-5.26	AVG
3 *	0.5700	44.10	9.70	53.80	56.00	-2.20	QP
4	0.5700	29.20	9.70	38.90	46.00	-7.10	AVG
5	0.7460	40.70	9.76	50.46	56.00	-5.54	QP
6	0.7460	30.70	9.76	40.46	46.00	-5.54	AVG
7	1.4020	40.60	9.94	50.54	56.00	-5.46	QP
8	1.4020	30.60	9.94	40.54	46.00	-5.46	AVG
9	1.9140	39.10	10.00	49.10	56.00	-6.90	QP
10	1.9140	29.10	10.00	39.10	46.00	-6.90	AVG
11	2.5020	37.30	10.24	47.54	56.00	-8.46	QP
12	2.5020	27.30	10.24	37.54	46.00	-8.46	AVG

EUT	IP Phone	Model Name	X3SP
Temperature	24°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Phase	Neutral
Test Mode	Earphone		
Note	Adapter		
Test Engineer	Pike Lee		



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1	0.2061	45.95	9.57	55.52	63.36	-7.84	QP
2	0.2061	35.90	9.57	45.47	53.36	-7.89	AVG
3 *	0.5620	44.00	9.50	53.50	56.00	-2.50	QP
4	0.5620	30.90	9.50	40.40	46.00	-5.60	AVG
5	0.7780	38.60	9.60	48.20	56.00	-7.80	QP
6	0.7780	28.60	9.60	38.20	46.00	-7.80	AVG
7	1.1060	40.60	9.75	50.35	56.00	-5.65	QP
8	1.1060	30.60	9.75	40.35	46.00	-5.65	AVG
9	1.3660	39.80	9.77	49.57	56.00	-6.43	QP
10	1.3660	29.80	9.77	39.57	46.00	-6.43	AVG
11	1.8980	38.90	9.80	48.70	56.00	-7.30	QP
12	1.8980	28.90	9.80	38.70	46.00	-7.30	AVG

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Below 1 GHz
Measurement Method and Applied Limits:
ANSI C63.4:

Frequency (MHz)	Class A (at 10m)		Class B (at 3m)	
	(uV/m) Field strength	(dBuV/m) Field strength	(uV/m) Field strength	(dBuV/m) Field strength
30 - 88	90	39	100	40
88 - 216	150	43.5	150	43.5
216 - 960	210	46.4	200	46
Above 960	300	49.5	500	54

Above 1 GHz
Measurement Method and Applied Limits:
ANSI C63.4:

Frequency (MHz)	Class A				Class B	
	(dBuV/m) (at 3m)		(dBuV/m) (at 10m)		(dBuV/m) (at 3m)	
	Peak	Average	Peak	Average	Peak	Average
Above 1000	80	60	69.5	49.5	74	54

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

NOTE:
(1) The limit for radiated test was performed according to as following:
FCC Part 15, Subpart B
(2) The tighter limit applies at the band edges.
(3) Emission level (dBuV/m) = 20log Emission level (uV/m).
3m Emission level = 10m Emission level + 20log(10m/3m).
(4) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
Margin Level = Measurement Value - Limit Value

4.2.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Log-Bicon Antenna	Schwarzbeck	VULB 9168	9168-586	Jan. 20, 2018
2	Horn Antenna	Schwarzbeck	BBHA-9120D	D 546	Nov. 03, 2017
3	Pre-Amplifier	HP	8447D	2944A08891	Mar.18, 2018
4	Pre-Amplifier	Agilent	8449B	3008A02331	Jan. 21, 2018
5	Pre-Amplifier	EMCI	EMC2654045	980030	Feb. 13, 2018
6	Test Cable	EMCI	EMC8D-NM-NM-8000	150301	Mar.18, 2018
7	Test Cable	EMCI	EMC104-SM-SM-1000	150304	Mar.18, 2018
8	Test Cable	EMCI	EMC104-SM-SM-2500	140303	Mar.18, 2018
9	Test Cable	EMCI	EMC104-SM-SM-5000	140302	Mar.18, 2018
10	Test Cable	EMCI	EMC104-SM-SM-2500	150306	Mar.18, 2018
11	Test Cable	EMCI	EMC104-SM-SM-800	150305	Mar.18, 2018
12	EMI Test Receiver	R&S	N9038A	MY51210215	Jun. 06, 2017
13	Measurement Software	Farad	EZ_EMC (Version NB-03A)	N/A	N/A

Remark: “N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

4.2.3 TEST PROCEDURE

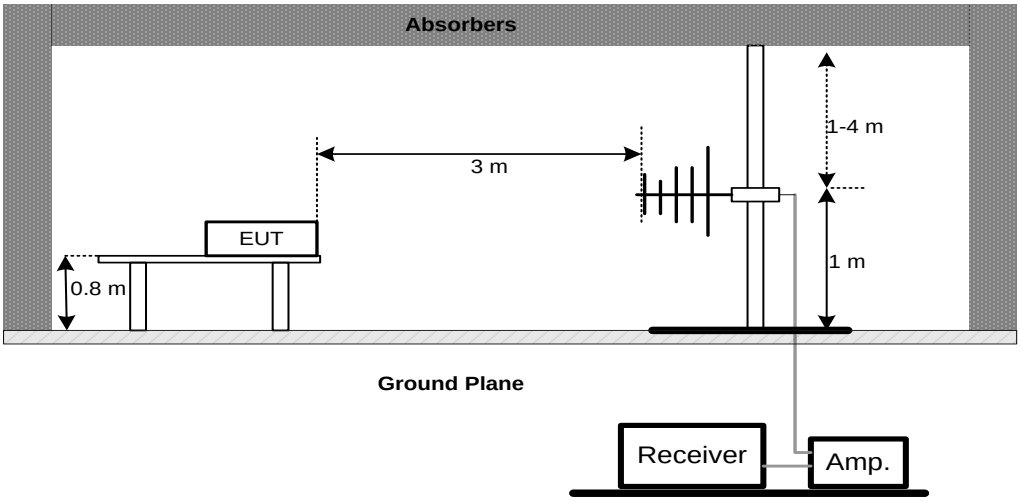
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(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. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
g. 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. (below 1GHz)
h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn‘t perform. (above 1GHz)
i. For the actual test configuration, please refer to the related Item - Block Diagram of system tested (please refer to 3.3).

4.2.4 DEVIATION FROM TEST STANDARD

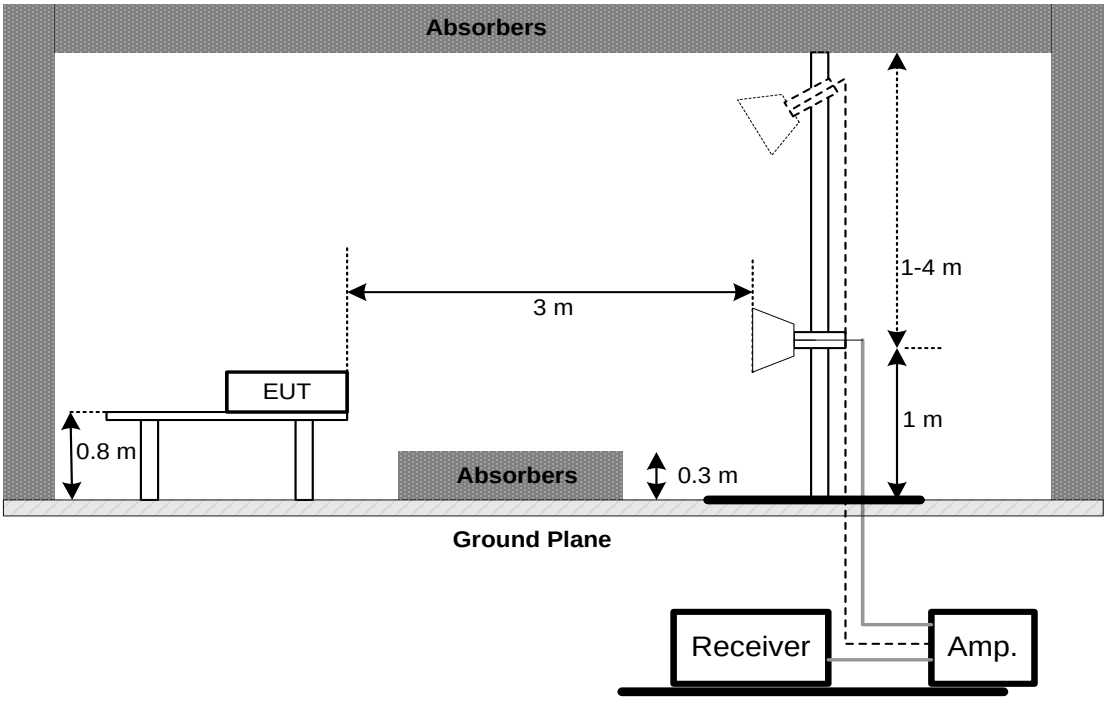
No deviation

4.2.5 TEST SETUP

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



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



4.2.6 TEST RESULTS-BELOW 1GHZ

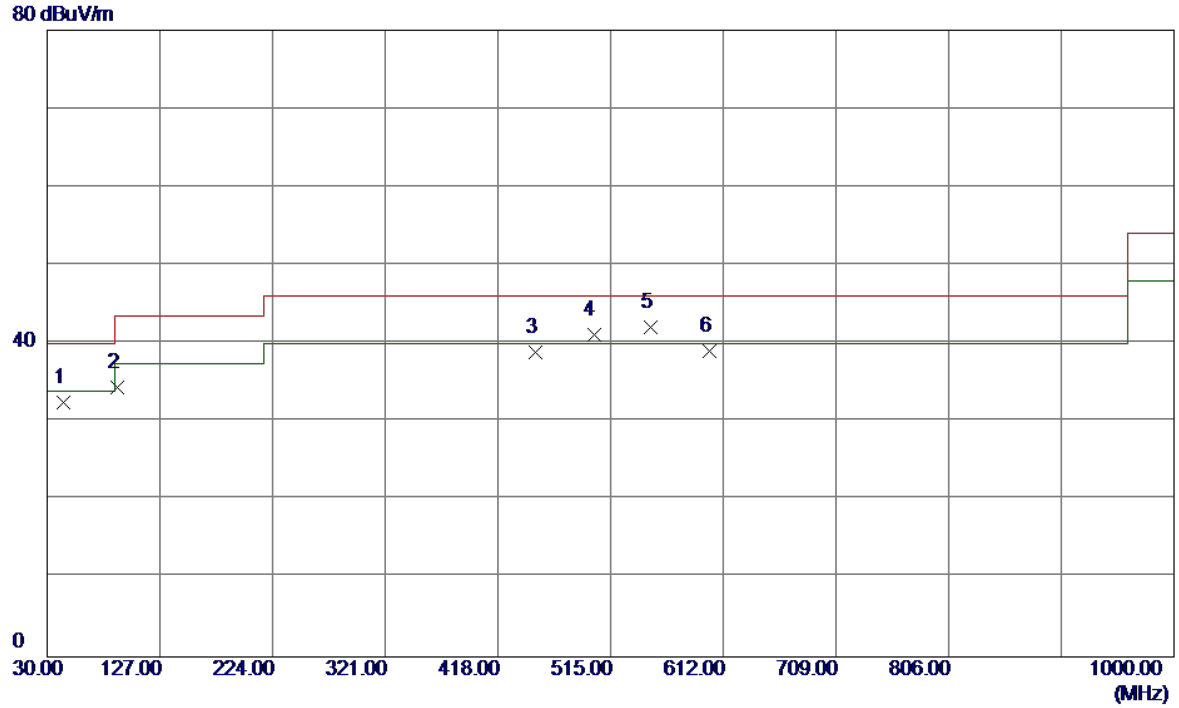
Remark：

(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。

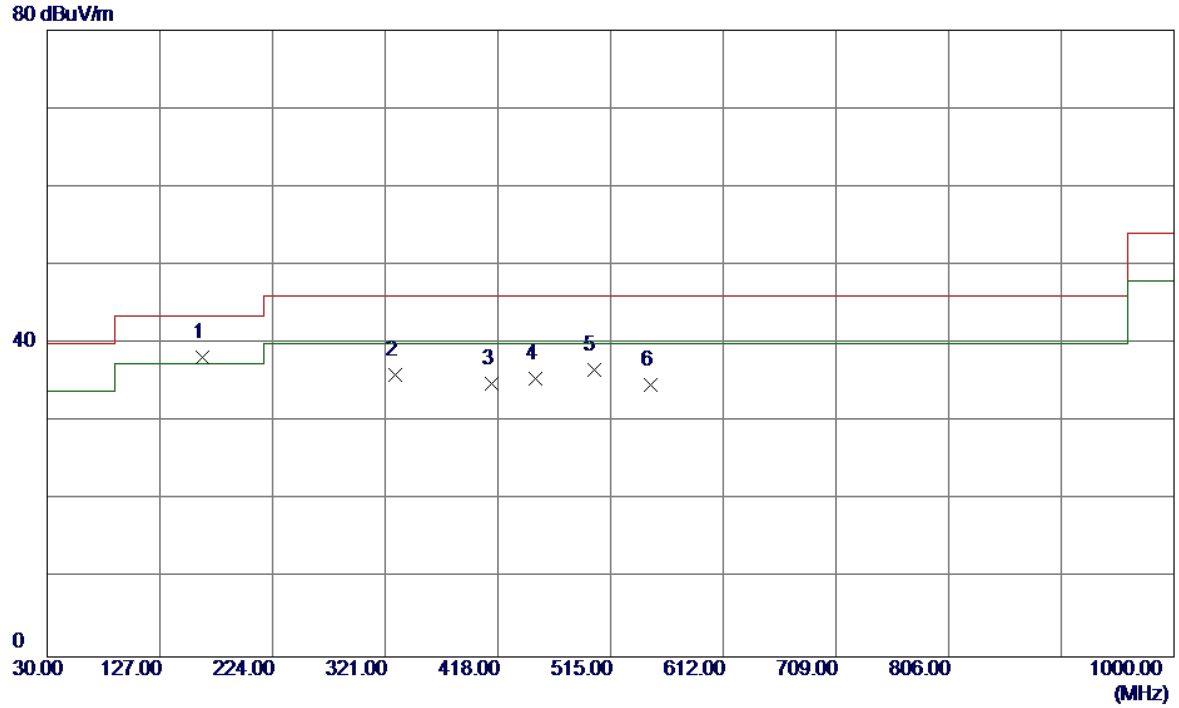
(3) If the peak scan value lower limit more than 20dB, then this signal data does not show in table。

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Handfree		
Note	Adapter		
Test Engineer	Pike Lee		



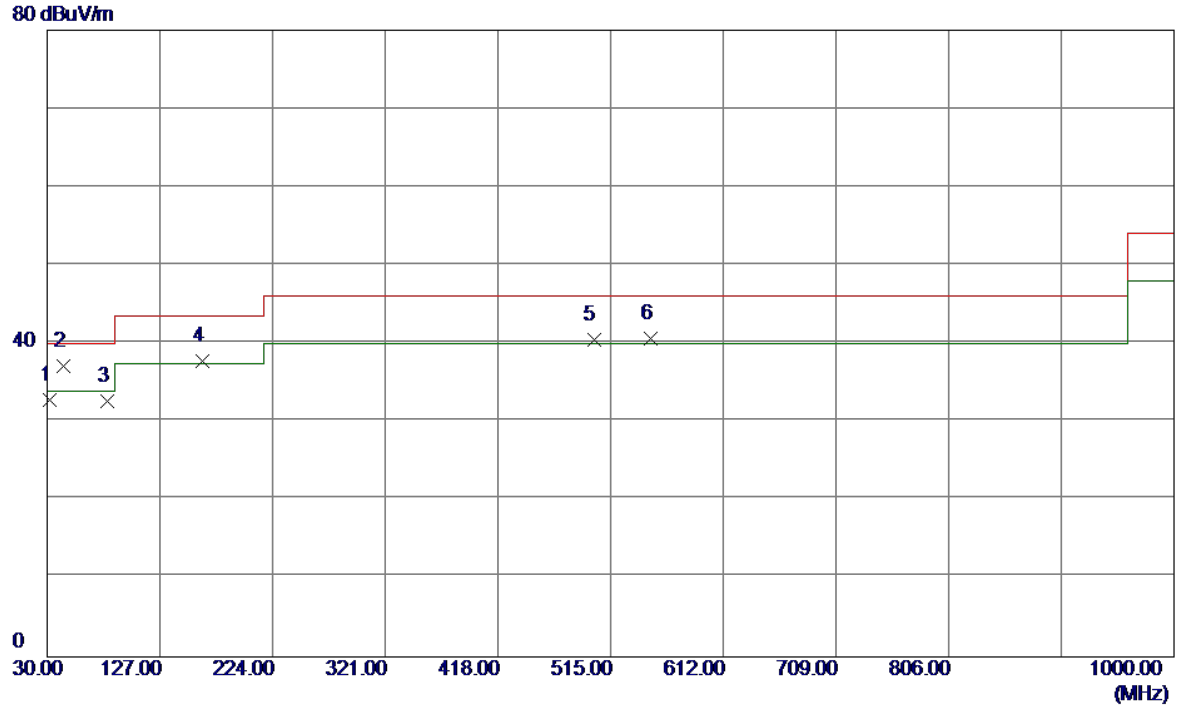
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1	43.5800	44.54	-12.07	32.47	40.00	-7.53	QP
2	90.1400	51.60	-17.27	34.33	43.50	-9.17	QP
3	450.0100	45.79	-6.98	38.81	46.00	-7.19	QP
4	500.4500	46.99	-5.84	41.15	46.00	-4.85	QP
5 *	549.9200	46.59	-4.55	42.04	46.00	-3.96	QP
6	600.3600	42.71	-3.73	38.98	46.00	-7.02	QP

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Handfree		
Note	Adapter		
Test Engineer	Pike Lee		



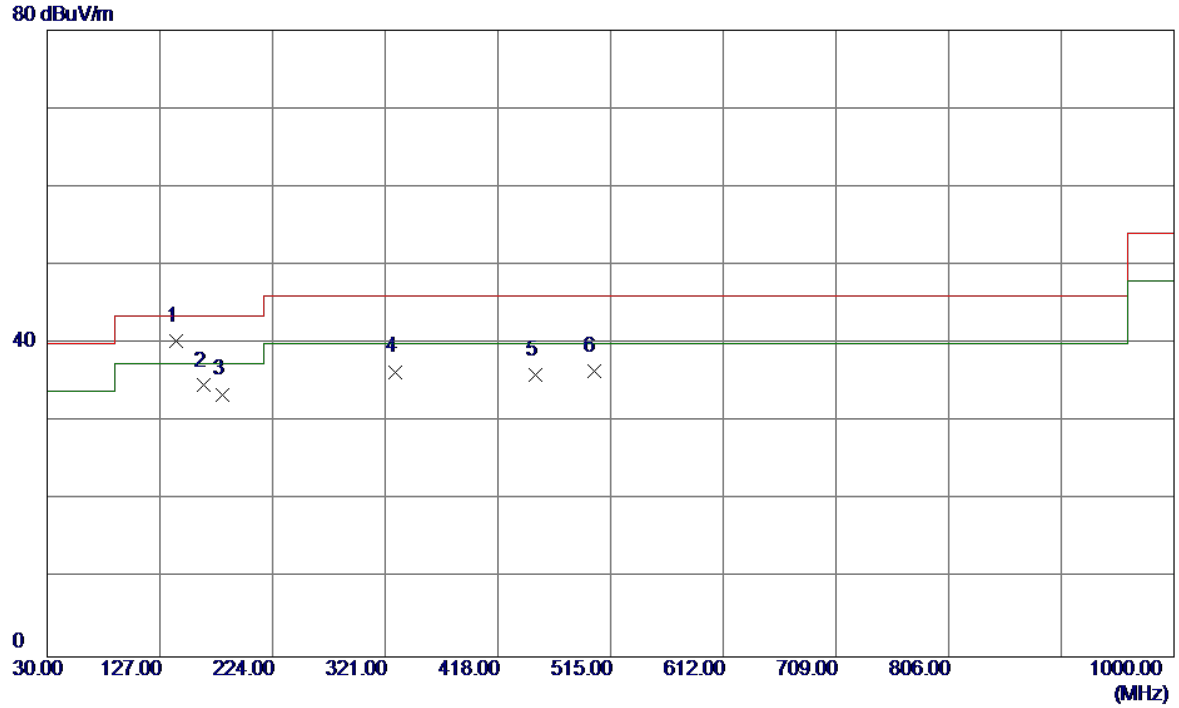
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1 *	163.8600	49.66	-11.36	38.30	43.50	-5.20	QP
2	329.7300	45.99	-9.95	36.04	46.00	-9.96	QP
3	412.1800	42.82	-7.91	34.91	46.00	-11.09	QP
4	450.0100	42.46	-6.98	35.48	46.00	-10.52	QP
5	500.4500	42.55	-5.84	36.71	46.00	-9.29	QP
6	549.9200	39.31	-4.55	34.76	46.00	-11.24	QP

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	60%
Test Voltage	DC 48V	Polarization	Vertical
Test Mode	Handfree		
Note	PoE		
Test Engineer	Pike Lee		



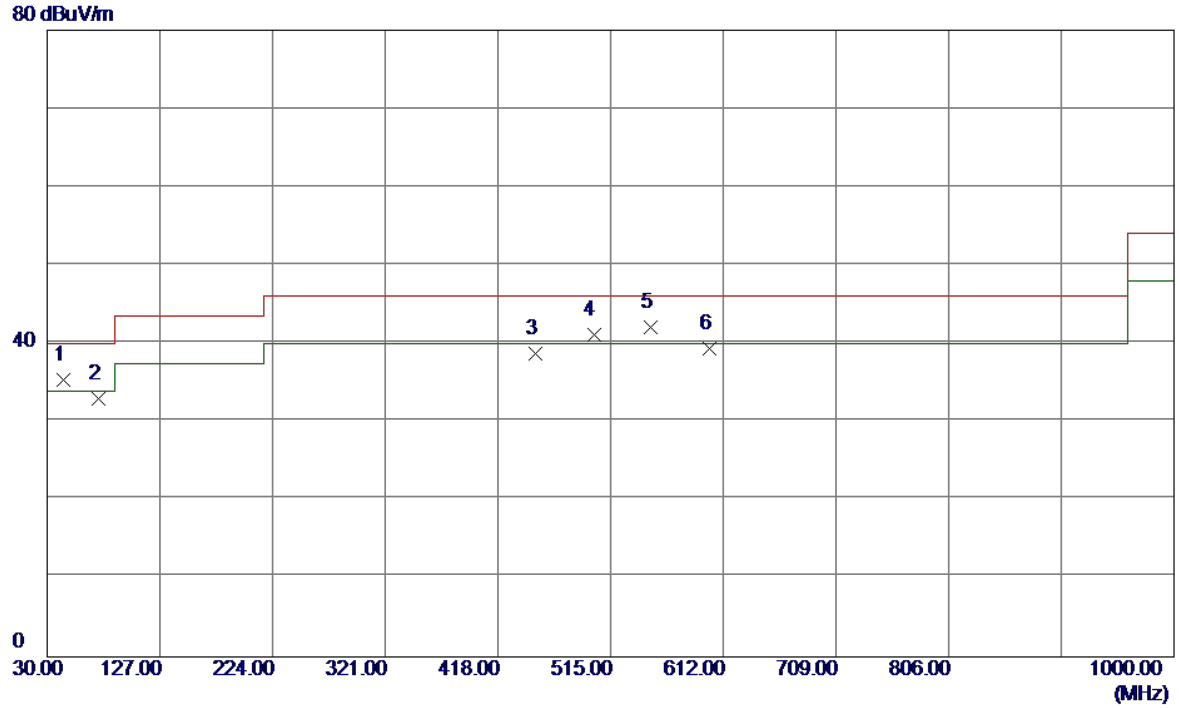
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1	31.9400	46.48	-13.68	32.80	40.00	-7.20	QP
2 *	43.5800	49.22	-12.07	37.15	40.00	-2.85	QP
3	81.4100	49.49	-16.80	32.69	40.00	-7.31	QP
4	163.8600	49.06	-11.36	37.70	43.50	-5.80	QP
5	500.4500	46.35	-5.84	40.51	46.00	-5.49	QP
6	549.9200	45.26	-4.55	40.71	46.00	-5.29	QP

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	60%
Test Voltage	DC 48V	Polarization	Horizontal
Test Mode	Handfree		
Note	PoE		
Test Engineer	Pike Lee		



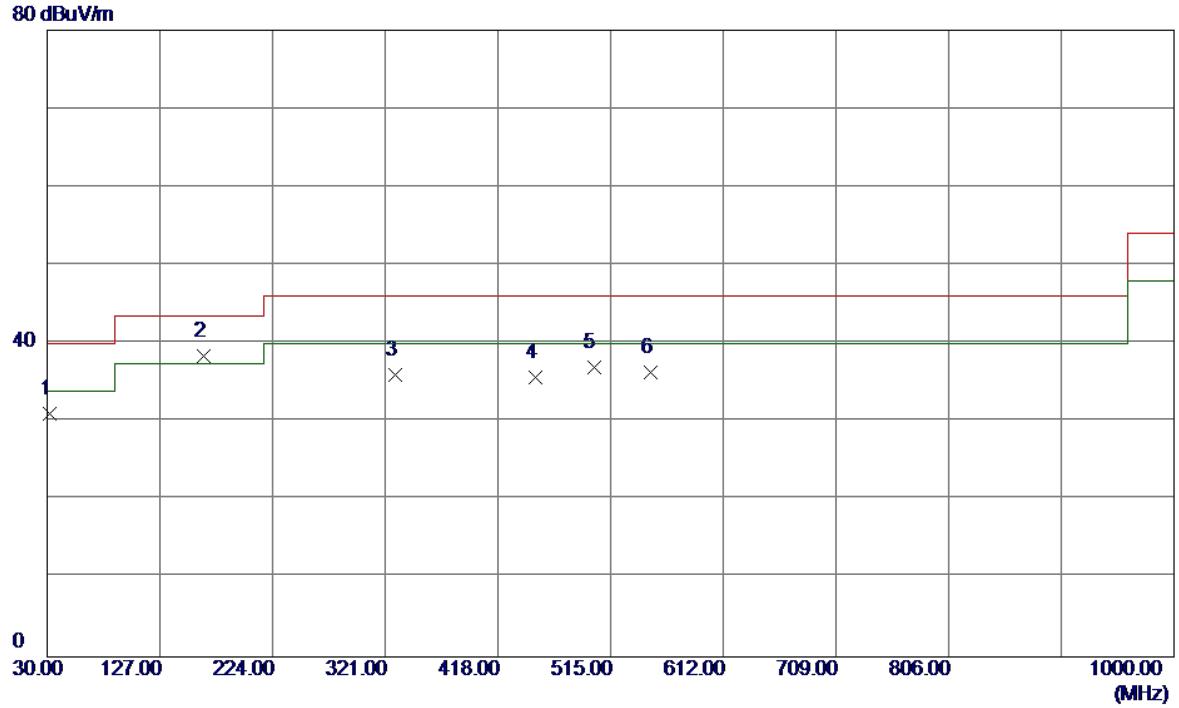
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1 *	140.5800	52.81	-12.42	40.39	43.50	-3.11	QP
2	164.8300	45.96	-11.32	34.64	43.50	-8.86	QP
3	181.3200	44.96	-11.44	33.52	43.50	-9.98	QP
4	329.7300	46.35	-9.95	36.40	46.00	-9.60	QP
5	450.0100	42.92	-6.98	35.94	46.00	-10.06	QP
6	500.4500	42.27	-5.84	36.43	46.00	-9.57	QP

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Handset		
Note	Adapter		
Test Engineer	Pike Lee		



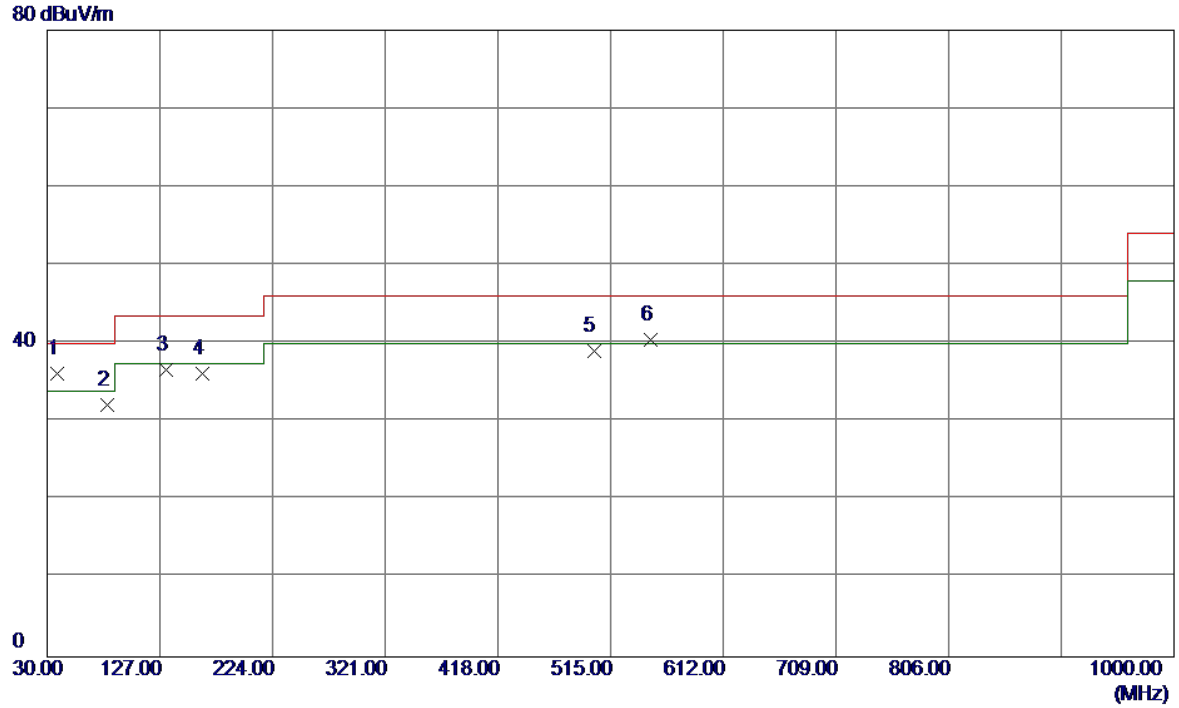
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1	43.5800	47.47	-12.07	35.40	40.00	-4.60	QP
2	74.6200	48.50	-15.60	32.90	40.00	-7.10	QP
3	450.0100	45.73	-6.98	38.75	46.00	-7.25	QP
4	500.4500	46.94	-5.84	41.10	46.00	-4.90	QP
5 *	549.9200	46.59	-4.55	42.04	46.00	-3.96	QP
6	600.3600	43.02	-3.73	39.29	46.00	-6.71	QP

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Handset		
Note	Adapter		
Test Engineer	Pike Lee		



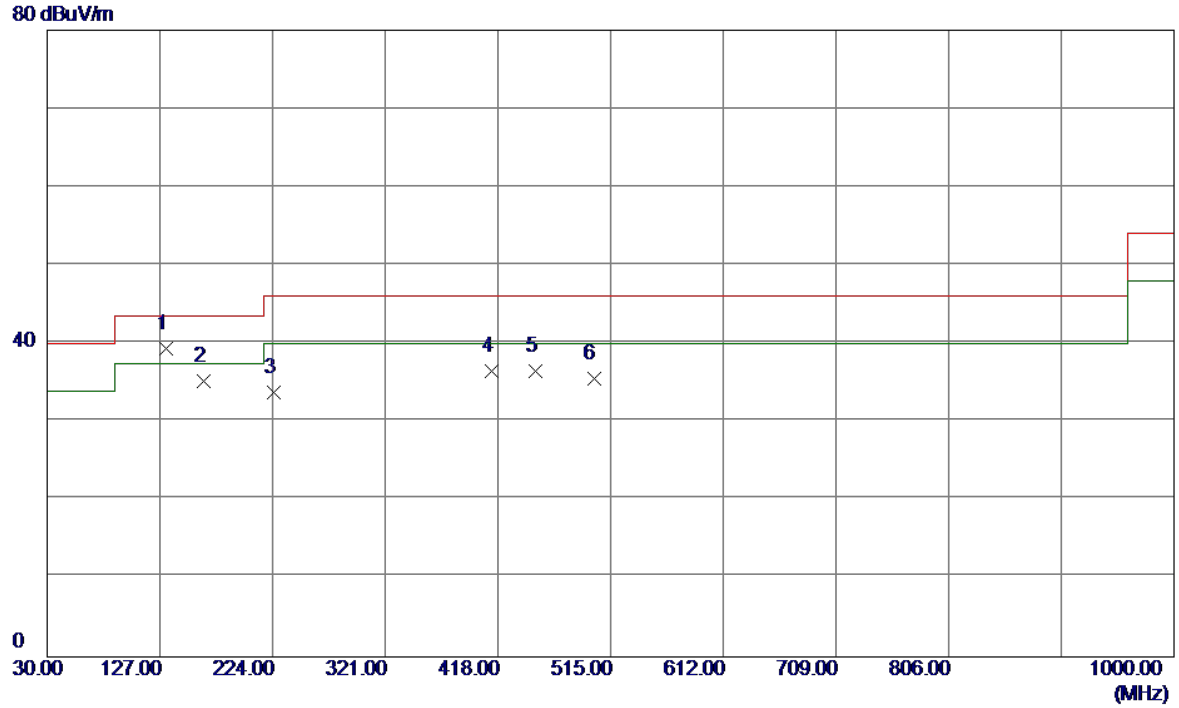
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1	31.9400	44.67	-13.68	30.99	40.00	-9.01	QP
2 *	164.8300	49.79	-11.32	38.47	43.50	-5.03	QP
3	329.7300	45.94	-9.95	35.99	46.00	-10.01	QP
4	450.0100	42.70	-6.98	35.72	46.00	-10.28	QP
5	500.4500	42.74	-5.84	36.90	46.00	-9.10	QP
6	549.9200	40.88	-4.55	36.33	46.00	-9.67	QP

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	60%
Test Voltage	DC 48V	Polarization	Vertical
Test Mode	Handset		
Note	PoE		
Test Engineer	Pike Lee		



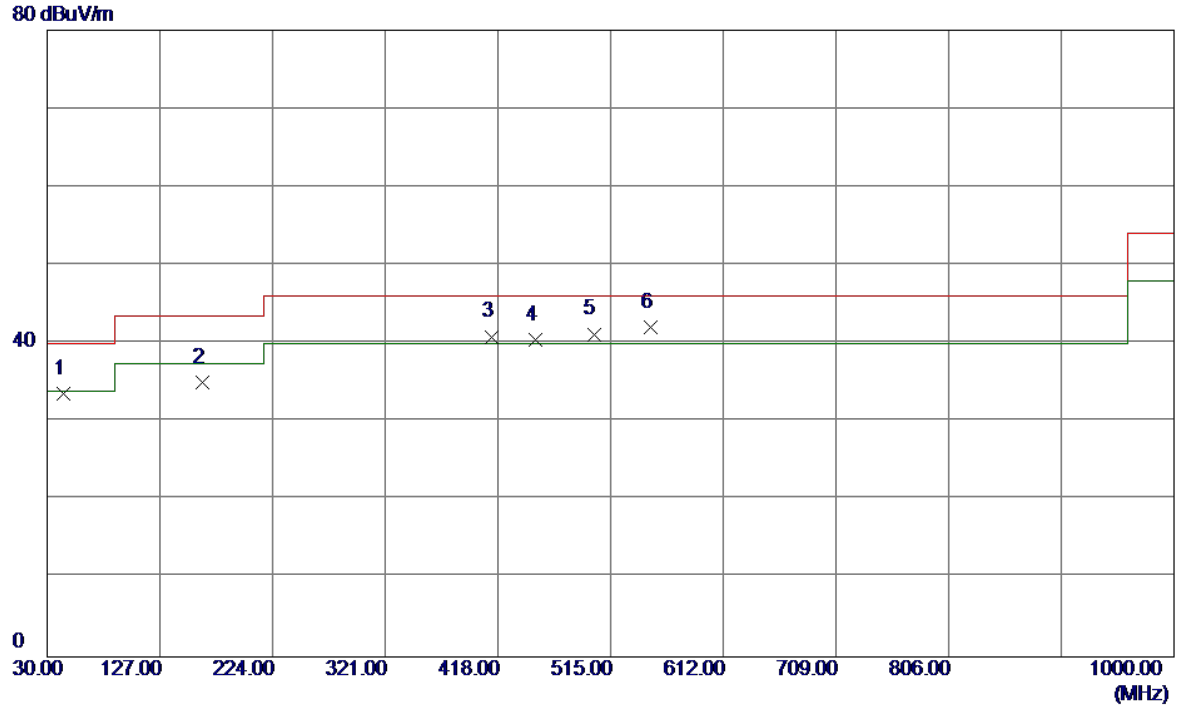
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1 *	38.7300	48.97	-12.77	36.20	40.00	-3.80	QP
2	81.4100	48.90	-16.80	32.10	40.00	-7.90	QP
3	132.8200	49.47	-12.85	36.62	43.50	-6.88	QP
4	163.8600	47.53	-11.36	36.17	43.50	-7.33	QP
5	500.4500	44.89	-5.84	39.05	46.00	-6.95	QP
6	549.9200	44.98	-4.55	40.43	46.00	-5.57	QP

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	60%
Test Voltage	DC 48V	Polarization	Horizontal
Test Mode	Handset		
Note	PoE		
Test Engineer	Pike Lee		



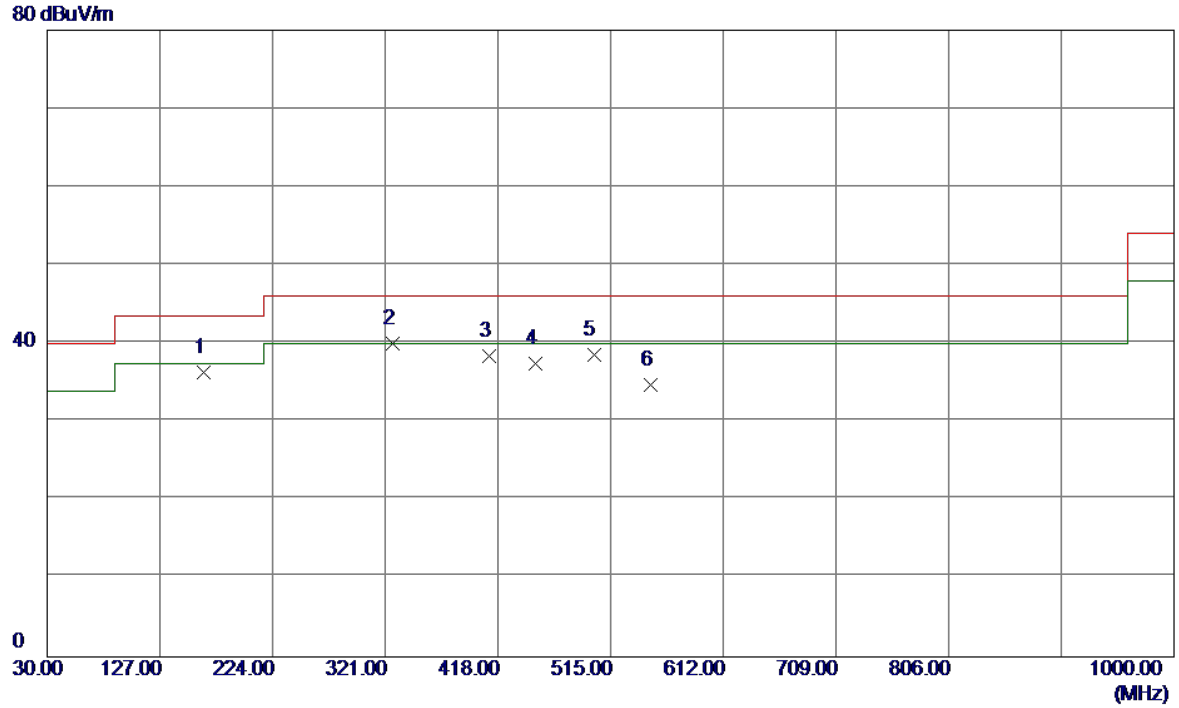
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1 *	132.8200	52.21	-12.85	39.36	43.50	-4.14	QP
2	164.8300	46.52	-11.32	35.20	43.50	-8.30	QP
3	224.9700	47.20	-13.39	33.81	46.00	-12.19	QP
4	412.1800	44.41	-7.91	36.50	46.00	-9.50	QP
5	450.0100	43.42	-6.98	36.44	46.00	-9.56	QP
6	500.4500	41.40	-5.84	35.56	46.00	-10.44	QP

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Earphone		
Note	Adapter		
Test Engineer	Pike Lee		



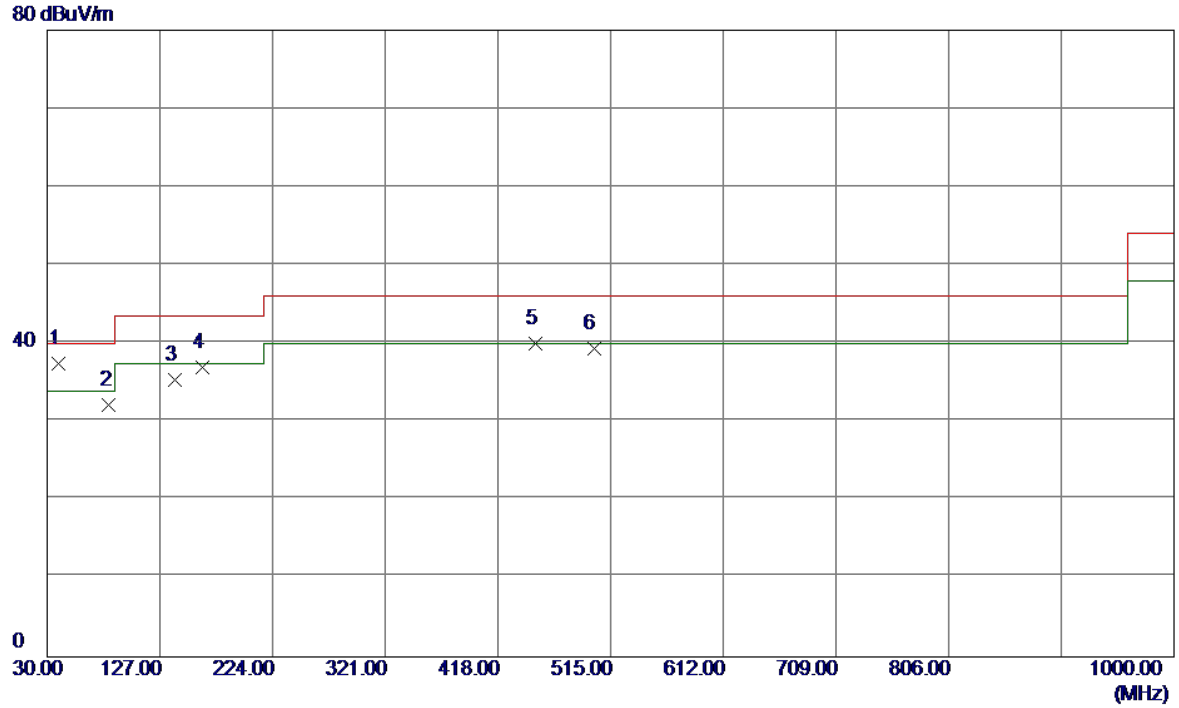
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1	43.5800	45.74	-12.07	33.67	40.00	-6.33	QP
2	163.8600	46.39	-11.36	35.03	43.50	-8.47	QP
3	412.1800	48.79	-7.91	40.88	46.00	-5.12	QP
4	450.0100	47.50	-6.98	40.52	46.00	-5.48	QP
5	500.4500	47.04	-5.84	41.20	46.00	-4.80	QP
6 *	549.9200	46.60	-4.55	42.05	46.00	-3.95	QP

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	60%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Earphone		
Note	Adapter		
Test Engineer	Pike Lee		



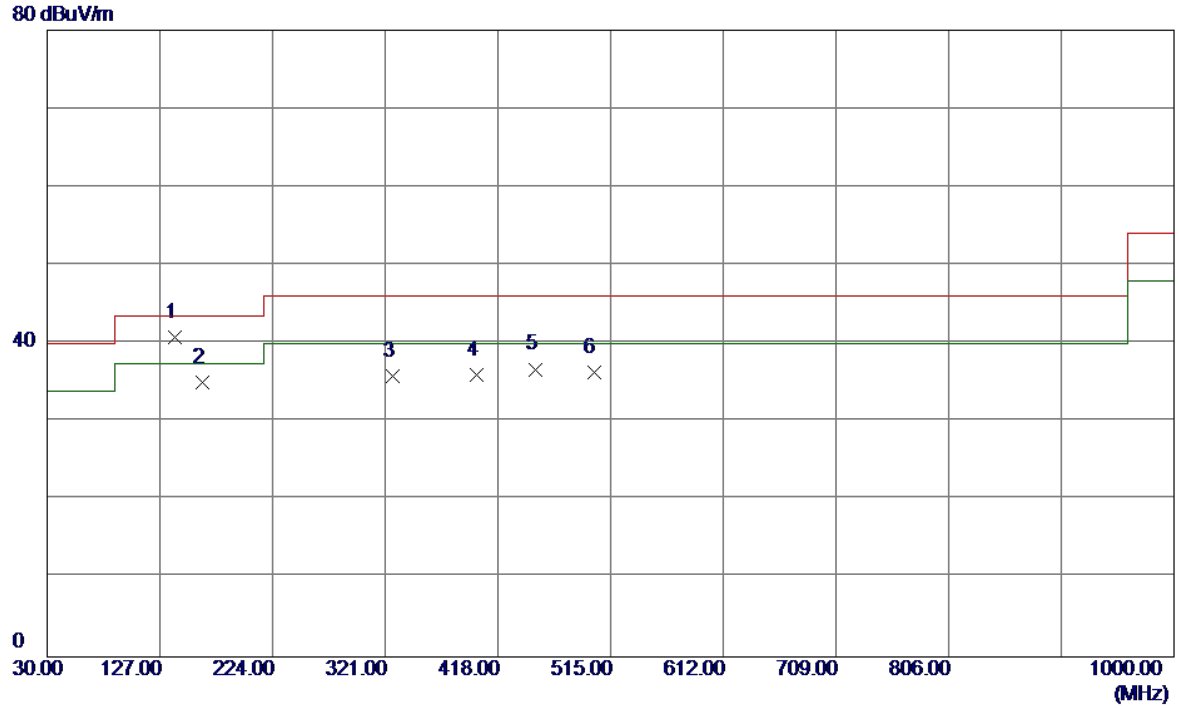
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1	164.8300	47.65	-11.32	36.33	43.50	-7.17	QP
2 *	327.7900	50.00	-10.00	40.00	46.00	-6.00	QP
3	410.2400	46.41	-7.96	38.45	46.00	-7.55	QP
4	450.0100	44.39	-6.98	37.41	46.00	-8.59	QP
5	500.4500	44.41	-5.84	38.57	46.00	-7.43	QP
6	549.9200	39.32	-4.55	34.77	46.00	-11.23	QP

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	60%
Test Voltage	DC 48V	Polarization	Vertical
Test Mode	Earphone		
Note	PoE		
Test Engineer	Pike Lee		



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1 *	39.7000	50.16	-12.71	37.45	40.00	-2.55	QP
2	83.3500	49.08	-16.91	32.17	40.00	-7.83	QP
3	139.6100	47.81	-12.47	35.34	43.50	-8.16	QP
4	163.8600	48.39	-11.36	37.03	43.50	-6.47	QP
5	450.0100	47.03	-6.98	40.05	46.00	-5.95	QP
6	500.4500	45.13	-5.84	39.29	46.00	-6.71	QP

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	60%
Test Voltage	DC 48V	Polarization	Horizontal
Test Mode	Earphone		
Note	PoE		
Test Engineer	Pike Lee		



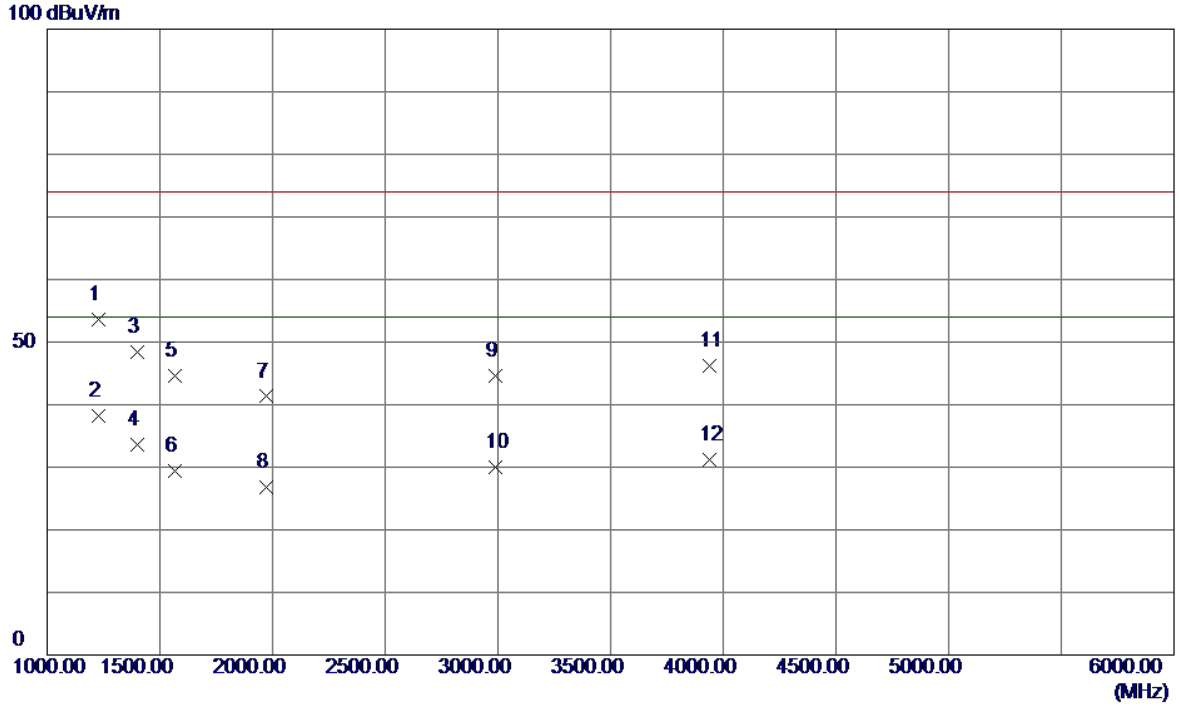
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1 *	139.6100	53.22	-12.47	40.75	43.50	-2.75	QP
2	163.8600	46.41	-11.36	35.05	43.50	-8.45	QP
3	327.7900	45.77	-10.00	35.77	46.00	-10.23	QP
4	399.5700	44.26	-8.22	36.04	46.00	-9.96	QP
5	450.0100	43.70	-6.98	36.72	46.00	-9.28	QP
6	500.4500	42.23	-5.84	36.39	46.00	-9.61	QP

4.2.7 TEST RESULTS-ABOVE 1GHZ

Remark：

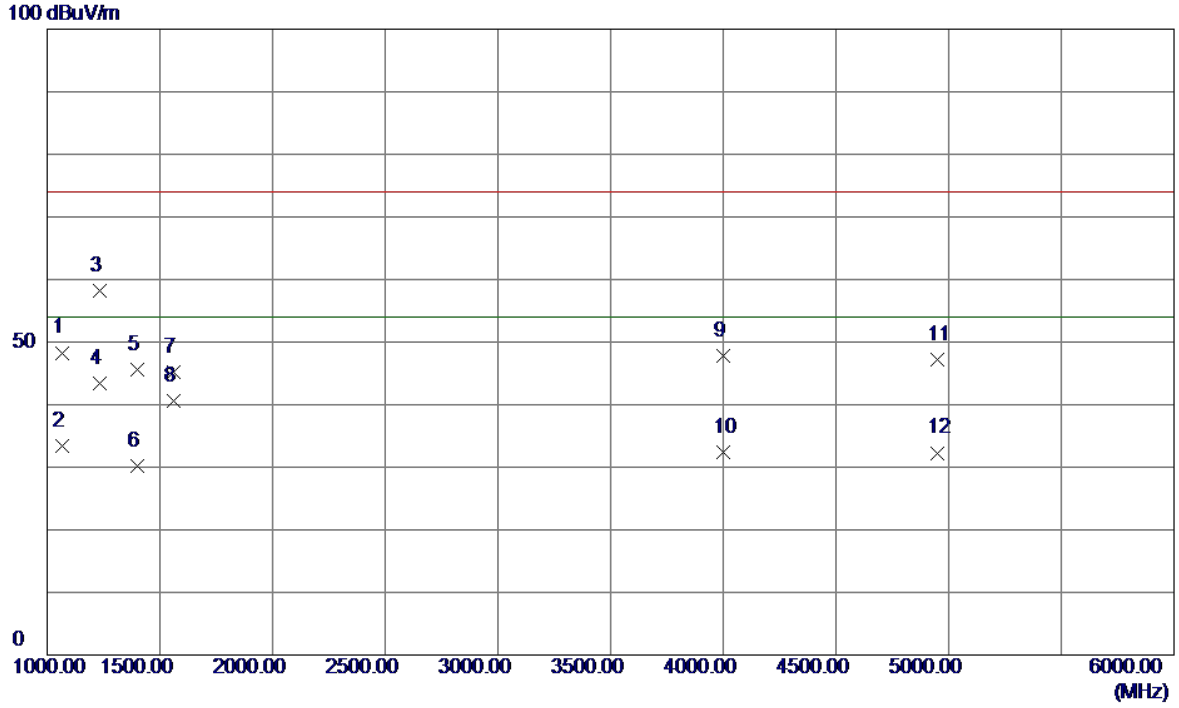
(1) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
(2) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission.
(3) 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.
(4) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	45%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Handfree		
Note	Adapter		
Test Engineer	Pike Lee		



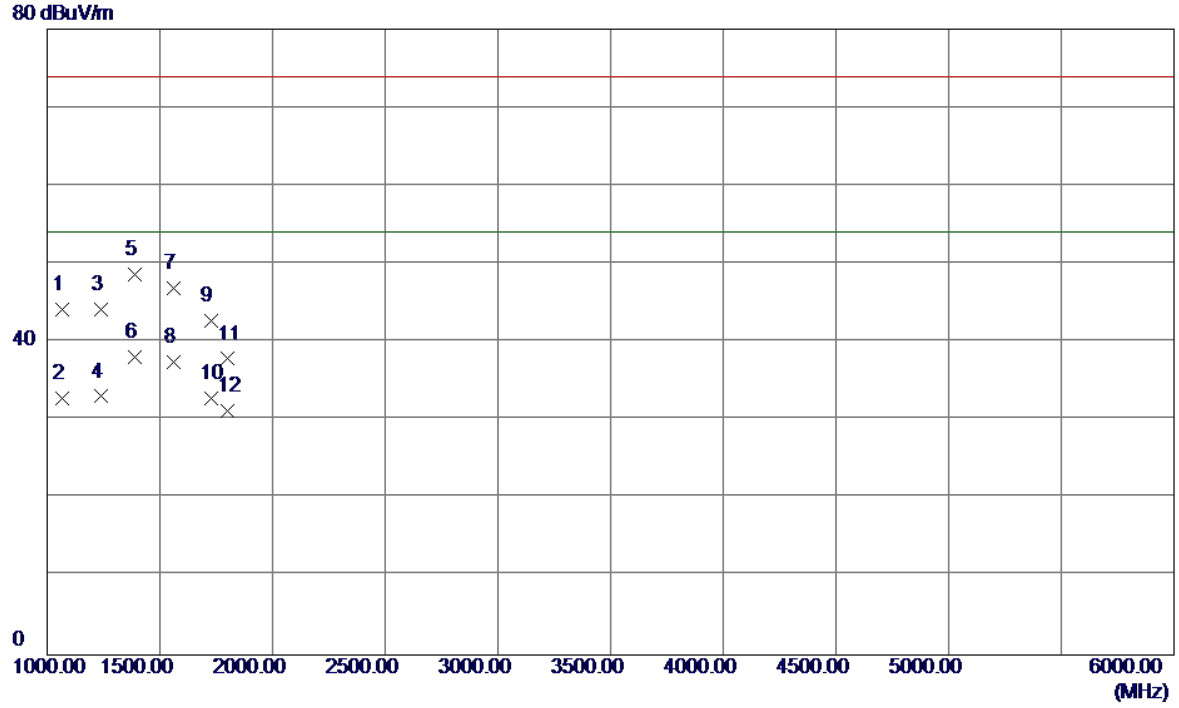
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1	1230.0000	57.72	-4.09	53.63	74.00	-20.37	Peak
2 *	1230.0000	42.27	-4.09	38.18	54.00	-15.82	AVG
3	1400.0000	51.94	-3.53	48.41	74.00	-25.59	Peak
4	1400.0000	37.21	-3.53	33.68	54.00	-20.32	AVG
5	1567.5000	47.74	-3.23	44.51	74.00	-29.49	Peak
6	1567.5000	32.70	-3.23	29.47	54.00	-24.53	AVG
7	1972.5000	44.68	-3.38	41.30	74.00	-32.70	Peak
8	1972.5000	30.16	-3.38	26.78	54.00	-27.22	AVG
9	2990.0000	41.76	2.92	44.68	74.00	-29.32	Peak
10	2990.0000	27.06	2.92	29.98	54.00	-24.02	AVG
11	3940.0000	41.08	5.11	46.19	74.00	-27.81	Peak
12	3940.0000	26.06	5.11	31.17	54.00	-22.83	AVG

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	45%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Handfree		
Note	Adapter		
Test Engineer	Pike Lee		



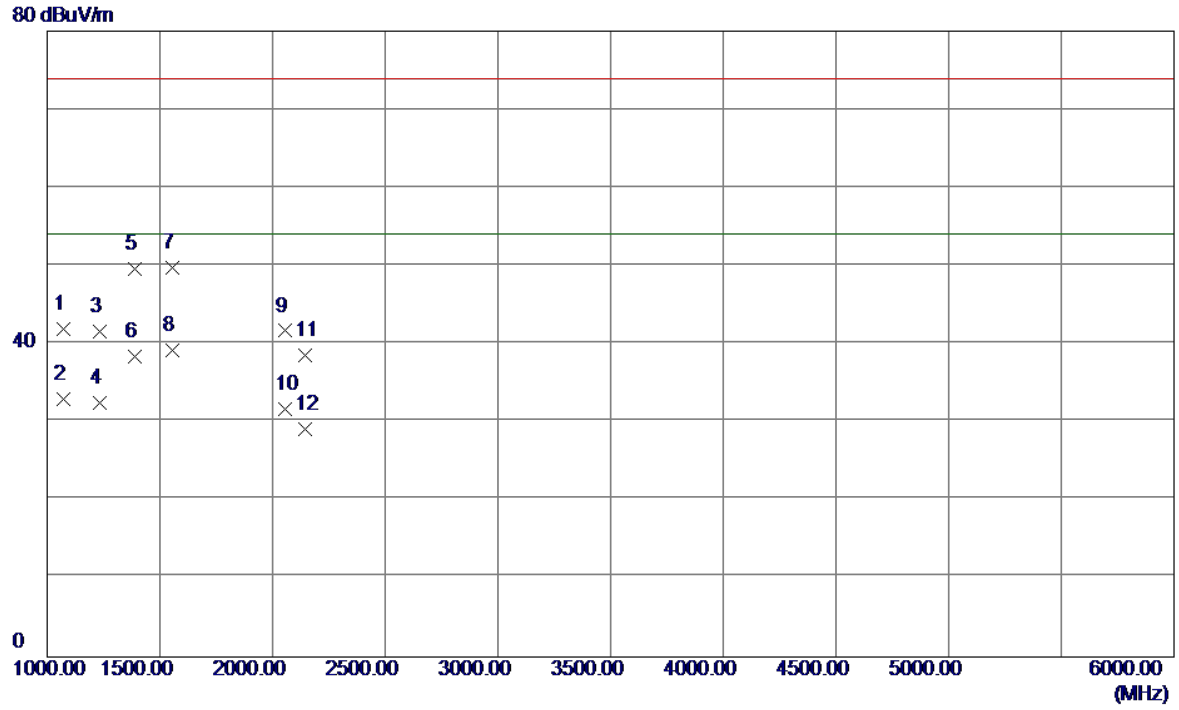
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1	1065.0000	52.94	-4.64	48.30	74.00	-25.70	Peak
2	1065.0000	38.12	-4.64	33.48	54.00	-20.52	AVG
3	1232.5000	62.32	-4.08	58.24	74.00	-15.76	Peak
4 *	1232.5000	47.47	-4.08	43.39	54.00	-10.61	AVG
5	1402.5000	49.12	-3.52	45.60	74.00	-28.40	Peak
6	1402.5000	33.70	-3.52	30.18	54.00	-23.82	AVG
7	1560.0000	48.43	-3.22	45.21	74.00	-28.79	Peak
8	1560.0000	43.80	-3.22	40.58	54.00	-13.42	AVG
9	4000.0000	42.49	5.34	47.83	74.00	-26.17	Peak
10	4000.0000	27.14	5.34	32.48	54.00	-21.52	AVG
11	4950.0000	41.05	6.17	47.22	74.00	-26.78	Peak
12	4950.0000	26.13	6.17	32.30	54.00	-21.70	AVG

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	60%
Test Voltage	DC 48V	Polarization	Vertical
Test Mode	Handfree		
Note	PoE		
Test Engineer	Pike Lee		



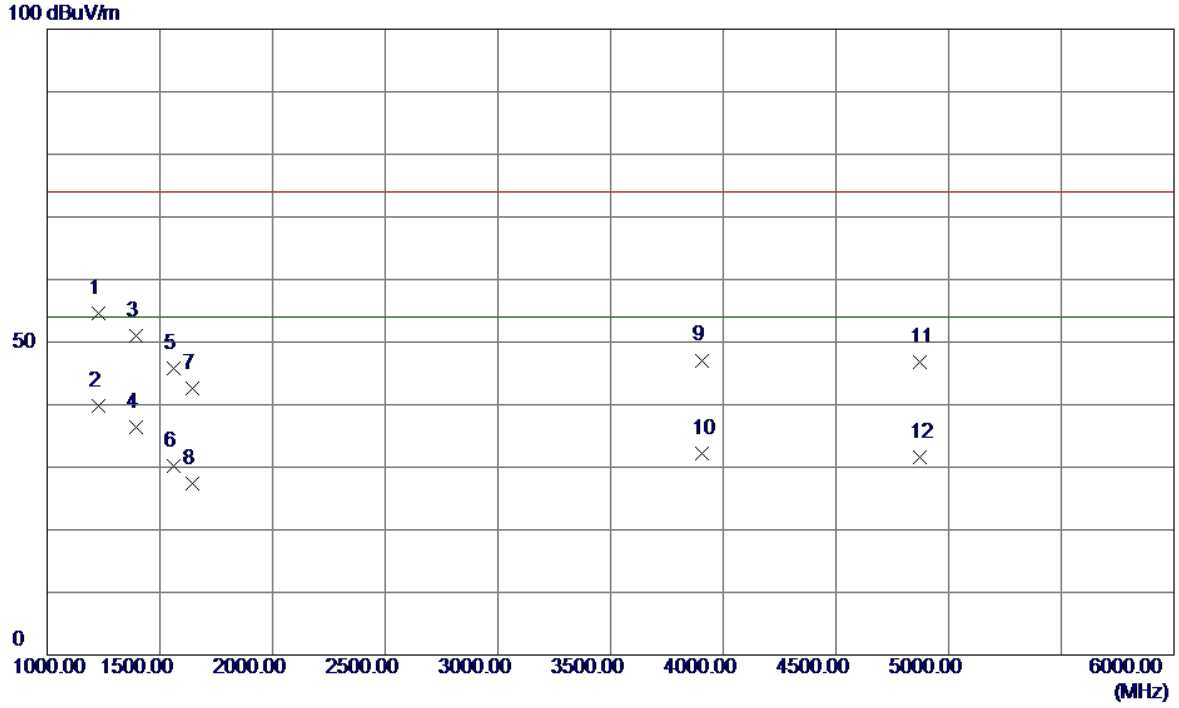
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1	1065.0000	49.49	-5.35	44.14	74.00	-29.86	Peak
2	1065.0000	38.14	-5.35	32.79	54.00	-21.21	AVG
3	1240.0000	48.80	-4.64	44.16	74.00	-29.84	Peak
4	1240.0000	37.68	-4.64	33.04	54.00	-20.96	AVG
5	1390.0000	52.65	-4.03	48.62	74.00	-25.38	Peak
6 *	1390.0000	42.13	-4.03	38.10	54.00	-15.90	AVG
7	1560.0000	50.20	-3.37	46.83	74.00	-27.17	Peak
8	1560.0000	40.76	-3.37	37.39	54.00	-16.61	AVG
9	1725.0000	45.46	-2.76	42.70	74.00	-31.30	Peak
10	1725.0000	35.58	-2.76	32.82	54.00	-21.18	AVG
11	1800.0000	40.33	-2.49	37.84	74.00	-36.16	Peak
12	1800.0000	33.69	-2.49	31.20	54.00	-22.80	AVG

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	60%
Test Voltage	DC 48V	Polarization	Horizontal
Test Mode	Handfree		
Note	PoE		
Test Engineer	Pike Lee		



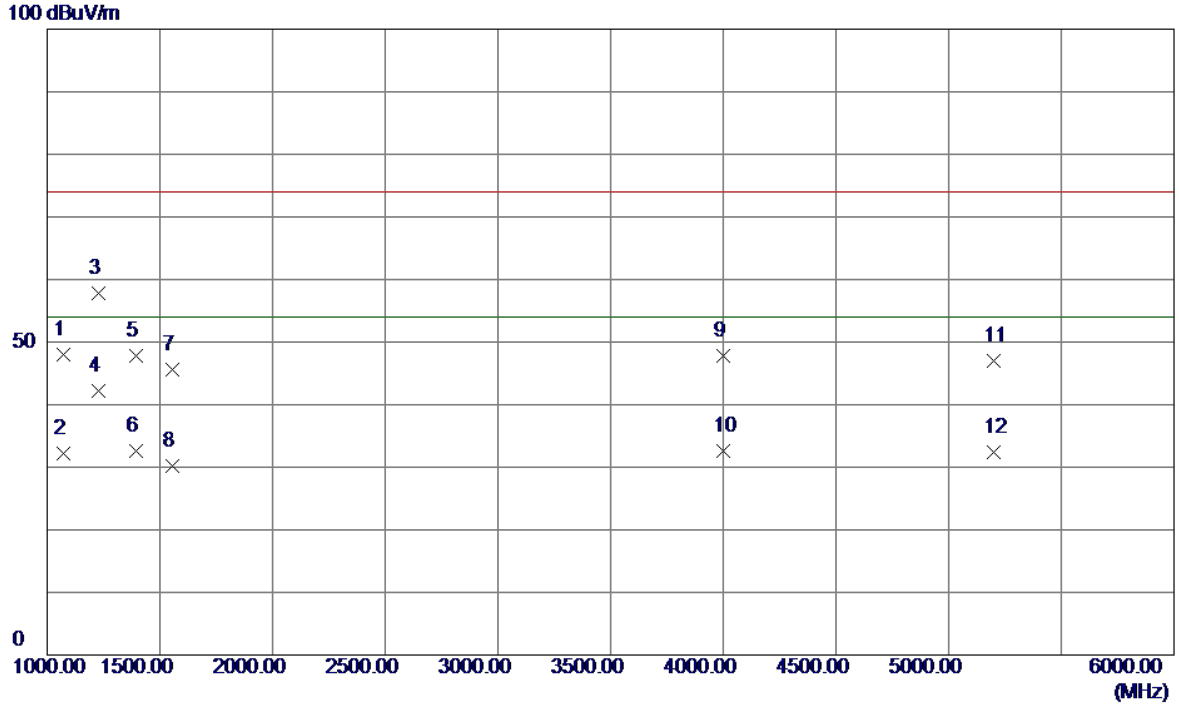
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1	1070.0000	47.19	-5.33	41.86	74.00	-32.14	Peak
2	1070.0000	38.27	-5.33	32.94	54.00	-21.06	AVG
3	1235.0000	46.30	-4.66	41.64	74.00	-32.36	Peak
4	1235.0000	37.15	-4.66	32.49	54.00	-21.51	AVG
5	1390.0000	53.69	-4.03	49.66	74.00	-24.34	Peak
6	1390.0000	42.39	-4.03	38.36	54.00	-15.64	AVG
7	1555.0000	53.08	-3.38	49.70	74.00	-24.30	Peak
8 *	1555.0000	42.62	-3.38	39.24	54.00	-14.76	AVG
9	2055.0000	43.15	-1.47	41.68	74.00	-32.32	Peak
10	2055.0000	33.16	-1.47	31.69	54.00	-22.31	AVG
11	2145.0000	39.55	-1.00	38.55	74.00	-35.45	Peak
12	2145.0000	30.17	-1.00	29.17	54.00	-24.83	AVG

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	45%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Handset		
Note	Adapter		
Test Engineer	Pike Lee		



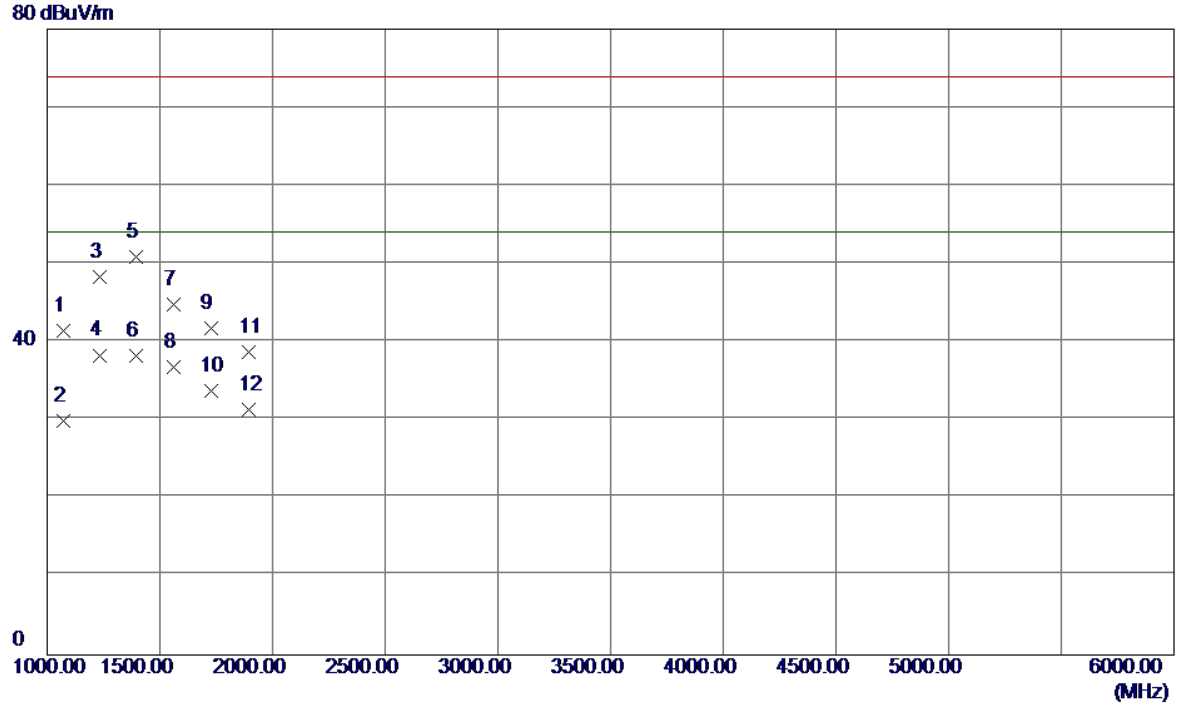
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1	1227.5000	58.61	-4.10	54.51	74.00	-19.49	Peak
2 *	1227.5000	43.89	-4.10	39.79	54.00	-14.21	AVG
3	1395.0000	54.63	-3.55	51.08	74.00	-22.92	Peak
4	1395.0000	40.04	-3.55	36.49	54.00	-17.51	AVG
5	1560.0000	48.96	-3.22	45.74	74.00	-28.26	Peak
6	1560.0000	33.37	-3.22	30.15	54.00	-23.85	AVG
7	1642.5000	45.87	-3.25	42.62	74.00	-31.38	Peak
8	1642.5000	30.73	-3.25	27.48	54.00	-26.52	AVG
9	3907.5000	42.11	4.99	47.10	74.00	-26.90	Peak
10	3907.5000	27.17	4.99	32.16	54.00	-21.84	AVG
11	4872.5000	40.91	5.98	46.89	74.00	-27.11	Peak
12	4872.5000	25.60	5.98	31.58	54.00	-22.42	AVG

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	45%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Handset		
Note	Adapter		
Test Engineer	Pike Lee		



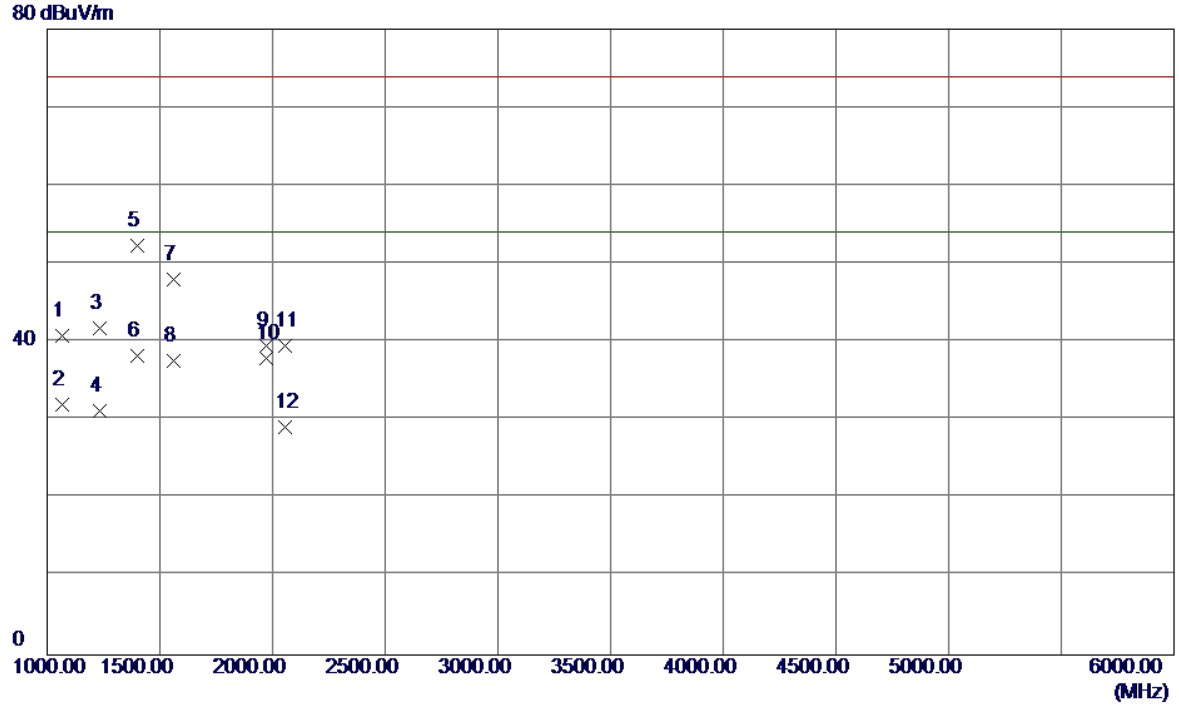
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1	1070.0000	52.61	-4.62	47.99	74.00	-26.01	Peak
2	1070.0000	36.78	-4.62	32.16	54.00	-21.84	AVG
3	1230.0000	61.97	-4.09	57.88	74.00	-16.12	Peak
4 *	1230.0000	46.24	-4.09	42.15	54.00	-11.85	AVG
5	1395.0000	51.36	-3.55	47.81	74.00	-26.19	Peak
6	1395.0000	36.23	-3.55	32.68	54.00	-21.32	AVG
7	1557.5000	48.80	-3.22	45.58	74.00	-28.42	Peak
8	1557.5000	33.37	-3.22	30.15	54.00	-23.85	AVG
9	4000.0000	42.49	5.34	47.83	74.00	-26.17	Peak
10	4000.0000	27.35	5.34	32.69	54.00	-21.31	AVG
11	5200.0000	40.32	6.74	47.06	74.00	-26.94	Peak
12	5200.0000	25.74	6.74	32.48	54.00	-21.52	AVG

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	60%
Test Voltage	DC 48V	Polarization	Vertical
Test Mode	Handset		
Note	PoE		
Test Engineer	Pike Lee		



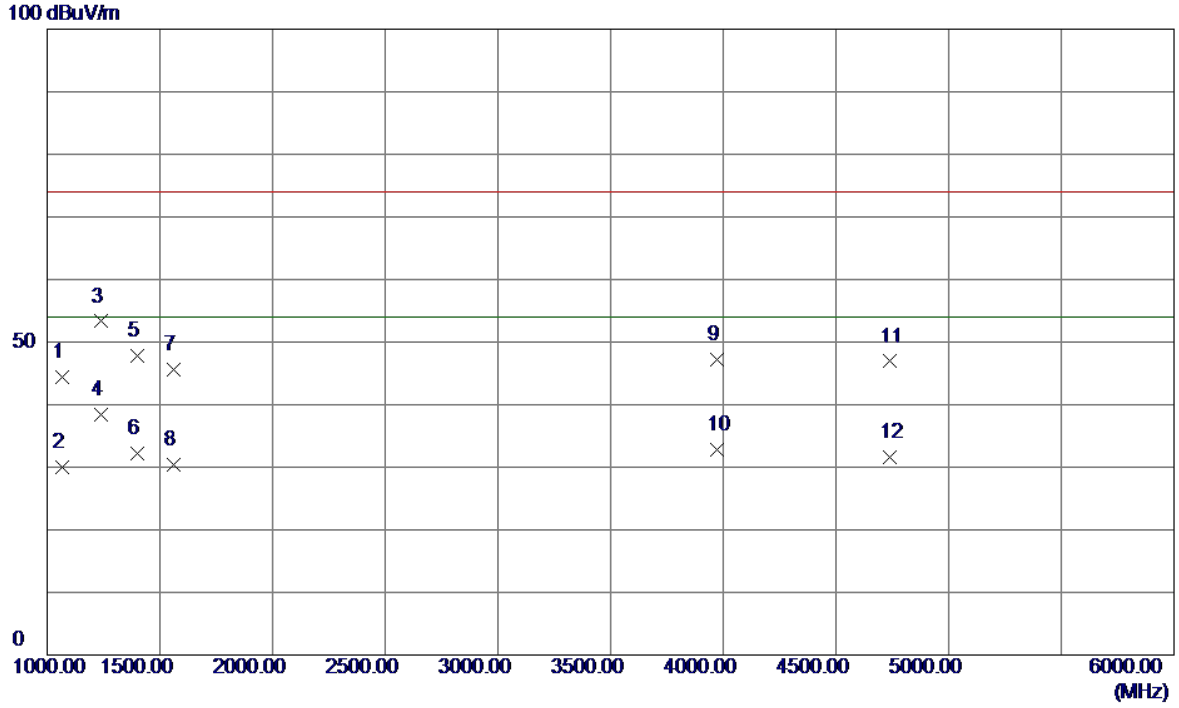
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1	1070.0000	46.75	-5.33	41.42	74.00	-32.58	Peak
2	1070.0000	35.25	-5.33	29.92	54.00	-24.08	AVG
3	1235.0000	53.01	-4.66	48.35	74.00	-25.65	Peak
4 *	1235.0000	42.98	-4.66	38.32	54.00	-15.68	AVG
5	1395.0000	54.89	-4.01	50.88	74.00	-23.12	Peak
6	1395.0000	42.31	-4.01	38.30	54.00	-15.70	AVG
7	1560.0000	48.10	-3.37	44.73	74.00	-29.27	Peak
8	1560.0000	40.16	-3.37	36.79	54.00	-17.21	AVG
9	1725.0000	44.57	-2.76	41.81	74.00	-32.19	Peak
10	1725.0000	36.52	-2.76	33.76	54.00	-20.24	AVG
11	1895.0000	40.87	-2.14	38.73	74.00	-35.27	Peak
12	1895.0000	33.48	-2.14	31.34	54.00	-22.66	AVG

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	60%
Test Voltage	DC 48V	Polarization	Horizontal
Test Mode	Handset		
Note	PoE		
Test Engineer	Pike Lee		



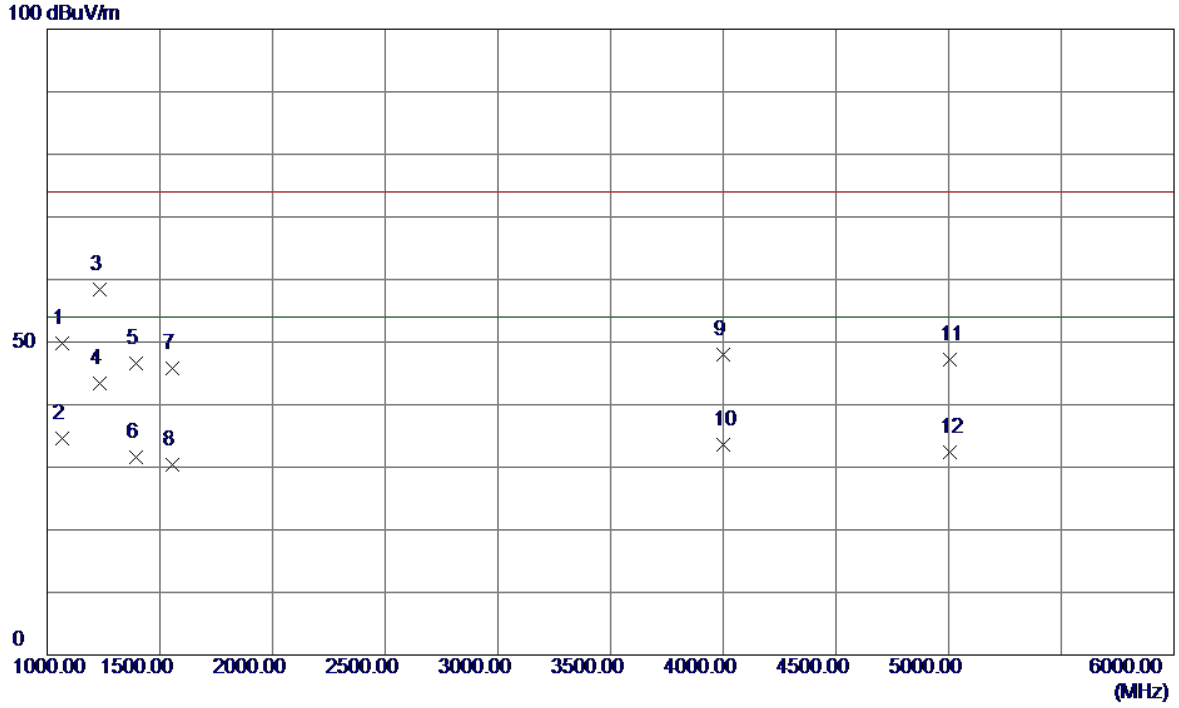
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1	1065.0000	46.21	-5.35	40.86	74.00	-33.14	Peak
2	1065.0000	37.28	-5.35	31.93	54.00	-22.07	AVG
3	1235.0000	46.42	-4.66	41.76	74.00	-32.24	Peak
4	1235.0000	35.91	-4.66	31.25	54.00	-22.75	AVG
5	1400.0000	56.25	-3.99	52.26	74.00	-21.74	Peak
6 *	1400.0000	42.17	-3.99	38.18	54.00	-15.82	AVG
7	1560.0000	51.34	-3.37	47.97	74.00	-26.03	Peak
8	1560.0000	40.95	-3.37	37.58	54.00	-16.42	AVG
9	1970.0000	41.42	-1.87	39.55	74.00	-34.45	Peak
10	1970.0000	39.84	-1.87	37.97	54.00	-16.03	AVG
11	2055.0000	40.97	-1.47	39.50	74.00	-34.50	Peak
12	2055.0000	30.64	-1.47	29.17	54.00	-24.83	AVG

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	45%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Earphone		
Note	Adapter		
Test Engineer	Pike Lee		



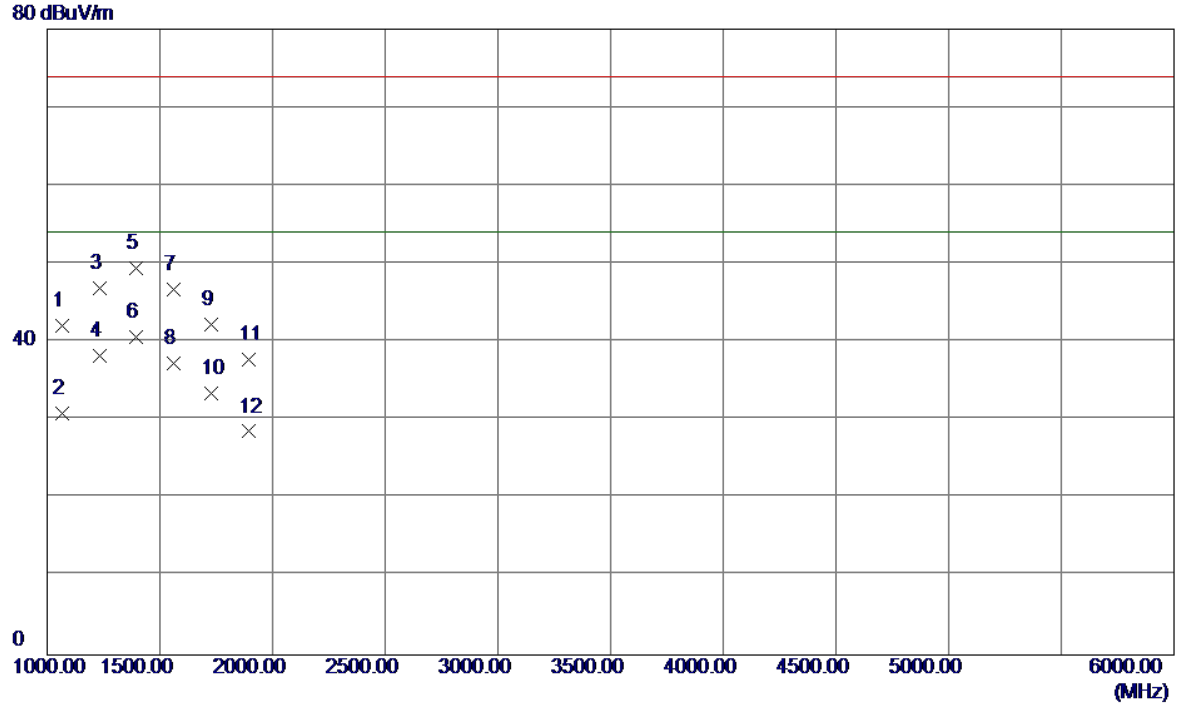
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1	1065.0000	49.10	-4.64	44.46	74.00	-29.54	Peak
2	1065.0000	34.62	-4.64	29.98	54.00	-24.02	AVG
3	1237.5000	57.37	-4.07	53.30	74.00	-20.70	Peak
4 *	1237.5000	42.55	-4.07	38.48	54.00	-15.52	AVG
5	1397.5000	51.42	-3.54	47.88	74.00	-26.12	Peak
6	1397.5000	35.70	-3.54	32.16	54.00	-21.84	AVG
7	1562.5000	48.76	-3.22	45.54	74.00	-28.46	Peak
8	1562.5000	33.70	-3.22	30.48	54.00	-23.52	AVG
9	3970.0000	41.90	5.23	47.13	74.00	-26.87	Peak
10	3970.0000	27.56	5.23	32.79	54.00	-21.21	AVG
11	4740.0000	41.24	5.66	46.90	74.00	-27.10	Peak
12	4740.0000	26.03	5.66	31.69	54.00	-22.31	AVG

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	45%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Earphone		
Note	Adapter		
Test Engineer	Pike Lee		



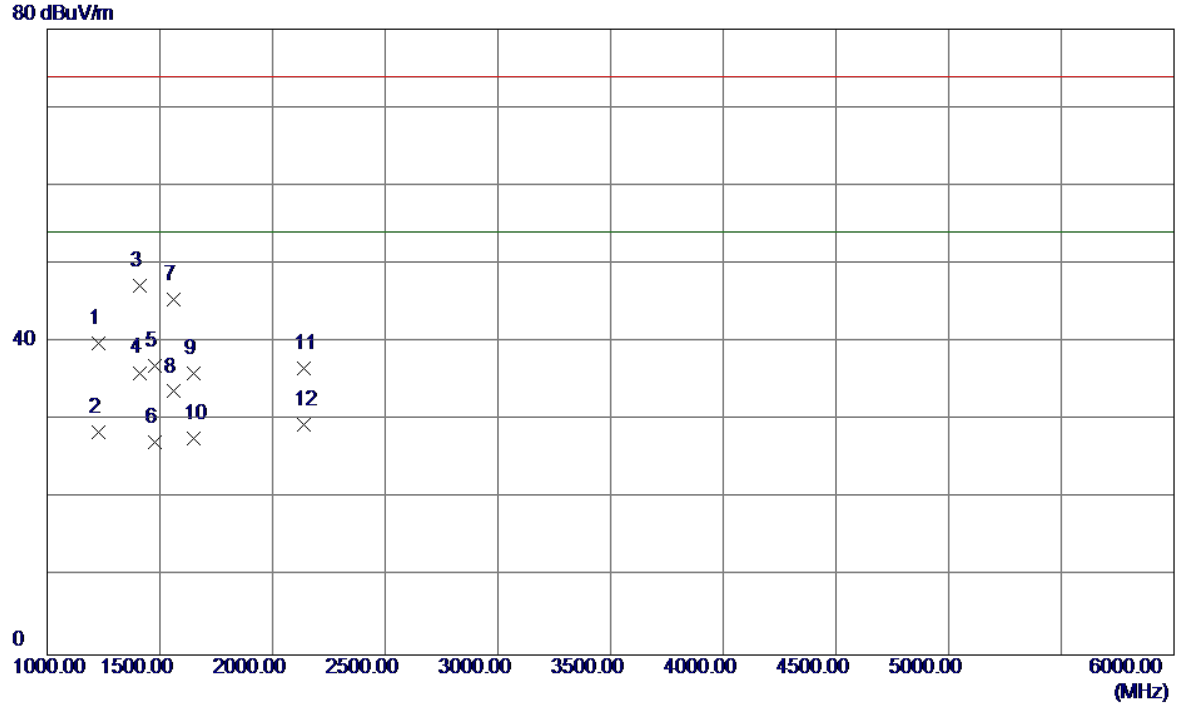
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1	1067.5000	54.46	-4.63	49.83	74.00	-24.17	Peak
2	1067.5000	39.21	-4.63	34.58	54.00	-19.42	AVG
3	1232.5000	62.46	-4.08	58.38	74.00	-15.62	Peak
4 *	1232.5000	47.44	-4.08	43.36	54.00	-10.64	AVG
5	1395.0000	50.06	-3.55	46.51	74.00	-27.49	Peak
6	1395.0000	35.13	-3.55	31.58	54.00	-22.42	AVG
7	1557.5000	49.06	-3.22	45.84	74.00	-28.16	Peak
8	1557.5000	33.70	-3.22	30.48	54.00	-23.52	AVG
9	4000.0000	42.68	5.34	48.02	74.00	-25.98	Peak
10	4000.0000	28.24	5.34	33.58	54.00	-20.42	AVG
11	5007.5000	40.96	6.31	47.27	74.00	-26.73	Peak
12	5007.5000	26.18	6.31	32.49	54.00	-21.51	AVG

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	60%
Test Voltage	DC 48V	Polarization	Vertical
Test Mode	Earphone		
Note	PoE		
Test Engineer	Pike Lee		



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1	1065.0000	47.37	-5.35	42.02	74.00	-31.98	Peak
2	1065.0000	36.16	-5.35	30.81	54.00	-23.19	AVG
3	1235.0000	51.57	-4.66	46.91	74.00	-27.09	Peak
4	1235.0000	42.91	-4.66	38.25	54.00	-15.75	AVG
5	1395.0000	53.42	-4.01	49.41	74.00	-24.59	Peak
6 *	1395.0000	44.72	-4.01	40.71	54.00	-13.29	AVG
7	1560.0000	50.14	-3.37	46.77	74.00	-27.23	Peak
8	1560.0000	40.61	-3.37	37.24	54.00	-16.76	AVG
9	1730.0000	45.02	-2.75	42.27	74.00	-31.73	Peak
10	1730.0000	36.20	-2.75	33.45	54.00	-20.55	AVG
11	1895.0000	39.87	-2.14	37.73	74.00	-36.27	Peak
12	1895.0000	30.70	-2.14	28.56	54.00	-25.44	AVG

EUT	IP Phone	Model Name	X3SP
Temperature	25°C	Relative Humidity	60%
Test Voltage	DC 48V	Polarization	Horizontal
Test Mode	Earphone		
Note	PoE		
Test Engineer	Pike Lee		



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin	
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector
1	1230.0000	44.59	-4.68	39.91	74.00	-34.09	Peak
2	1230.0000	33.21	-4.68	28.53	54.00	-25.47	AVG
3	1410.0000	51.08	-3.95	47.13	74.00	-26.87	Peak
4 *	1410.0000	40.03	-3.95	36.08	54.00	-17.92	AVG
5	1480.0000	40.57	-3.67	36.90	74.00	-37.10	Peak
6	1480.0000	30.91	-3.67	27.24	54.00	-26.76	AVG
7	1560.0000	48.78	-3.37	45.41	74.00	-28.59	Peak
8	1560.0000	37.05	-3.37	33.68	54.00	-20.32	AVG
9	1650.0000	39.06	-3.04	36.02	74.00	-37.98	Peak
10	1650.0000	30.73	-3.04	27.69	54.00	-26.31	AVG
11	2140.0000	37.73	-1.02	36.71	74.00	-37.29	Peak
12	2140.0000	30.42	-1.02	29.40	54.00	-24.60	AVG