

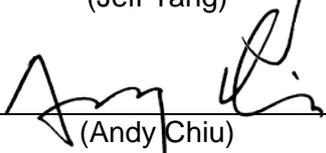
FCC Test Report

Project No. : 1609C208
Equipment : IP Phone
Test Model : F3P
Series Model : F3, F3CP, F3C
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 : Sep. 28, 2016
Date of Test : Sep. 28, 2016 ~ Jan. 04, 2017
Issued Date : Jan. 06, 2017
Tested by : BTL Inc.

Testing Engineer : 
(Pike Lee)

Technical Manager : 
(Jeff Yang)

Authorized Signatory : 
(Andy Chiu)

B T L I N C .

B1, No.37, Lane 365, Yang Guang St.,
Nei-Hu District, Taipei City 114, Taiwan.
TEL:+886-2-2657-3299 FAX: +886-2- 2657-3331



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.

BTL's report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

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

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.

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 EUT OPERATING CONDITIONS	10
3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	10
3.5 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 TEST RESULTS	14
4.2 RADIATED EMISSION MEASUREMENT	21
4.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT	21
4.2.2 MEASUREMENT INSTRUMENTS LIST	22
4.2.3 TEST PROCEDURE	23
4.2.4 DEVIATION FROM TEST STANDARD	23
4.2.5 TEST SETUP	24
4.2.6 TEST RESULTS-BELOW 1GHZ	25
4.2.7 TEST RESULTS-ABOVE 1GHZ	38

1. CERIFICATION

Equipment : IP Phone
Brand Name : Fanvil
Test Model : F3P
Series Model : F3, F3CP, F3C
Applicant : Fanvil Technology Co.Ltd
Manufacturer : Fanvil Technology Co.Ltd
Address : 3F, Block A, Gaoxingqi Building, Anhua Industrial Park, Qianjin 1st Rd. 35th
Dist., Bao'An, Shenzhen, 518101, China
Factory : Fanvil Technology Co.Ltd
Address : 3F, Block A, Gaoxingqi Building, Anhua Industrial Park, Qianjin 1st Rd. 35th
Dist., Bao'An, Shenzhen, 518101, China
Date of Test : Sep. 28, 2016 ~ Jan. 04, 2017
Test Sample : Engineering Sample
Standard(s) : FCC Part 15, Subpart B Class 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-1-1609C208) 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 166 MHz 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 $y \pm U$, 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%**.

A. Conducted Measurement :

Test Site	Method	Measurement Frequency Range	U, (dB)
C05	CISPR	150 kHz~30MHz	2.04

B. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
CB11 (3m)	CISPR	30MHz ~ 200MHz	V	4.04
		30MHz ~ 200MHz	H	3.76
		200MHz ~ 1,000MHz	V	4.24
		200MHz ~ 1,000MHz	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	F3P		
Series Model	F3, F3CP, F3C		
Model Difference	Model	Panel	PoE
	F3	2.8"	NO
	F3P	2.8"	YES
	F3CP	2.4"	YES
	F3C	2.4"	NO
Power Source	1# DC Voltage supplied from AC/DC adapter. Manufacturer: SHENZHEN FRECOM ELECTRONICS CO.,LTD. Model: F05L5-050060SPAU L.P.S 2# PoE Supplied		
Power Rating	1# I/P: 100-240V~50/60Hz 0.2A O/P: 5V 0.6A 2# PoE 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

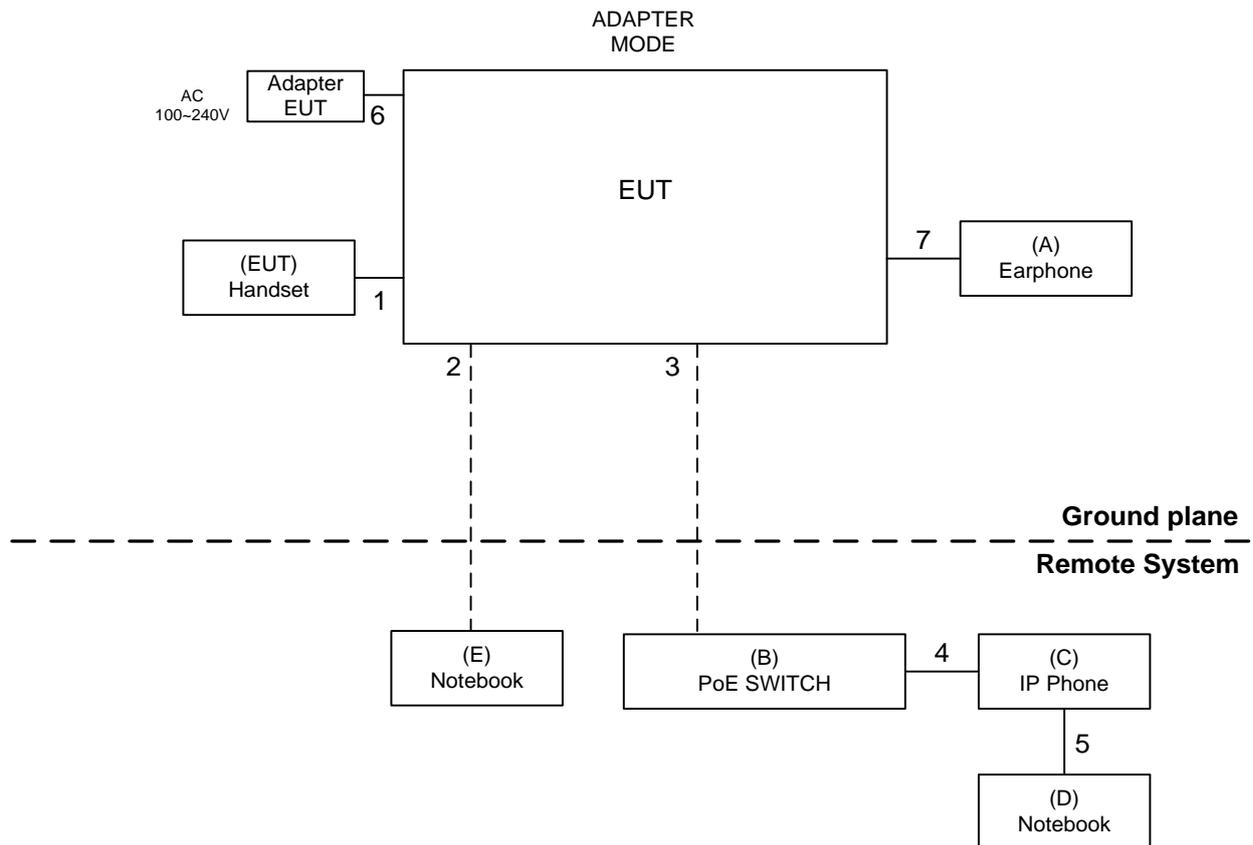
For Conducted Test	
Final Test Mode	Description
Mode 1	Handfree
Mode 2	Handset
Mode 3	Earphone

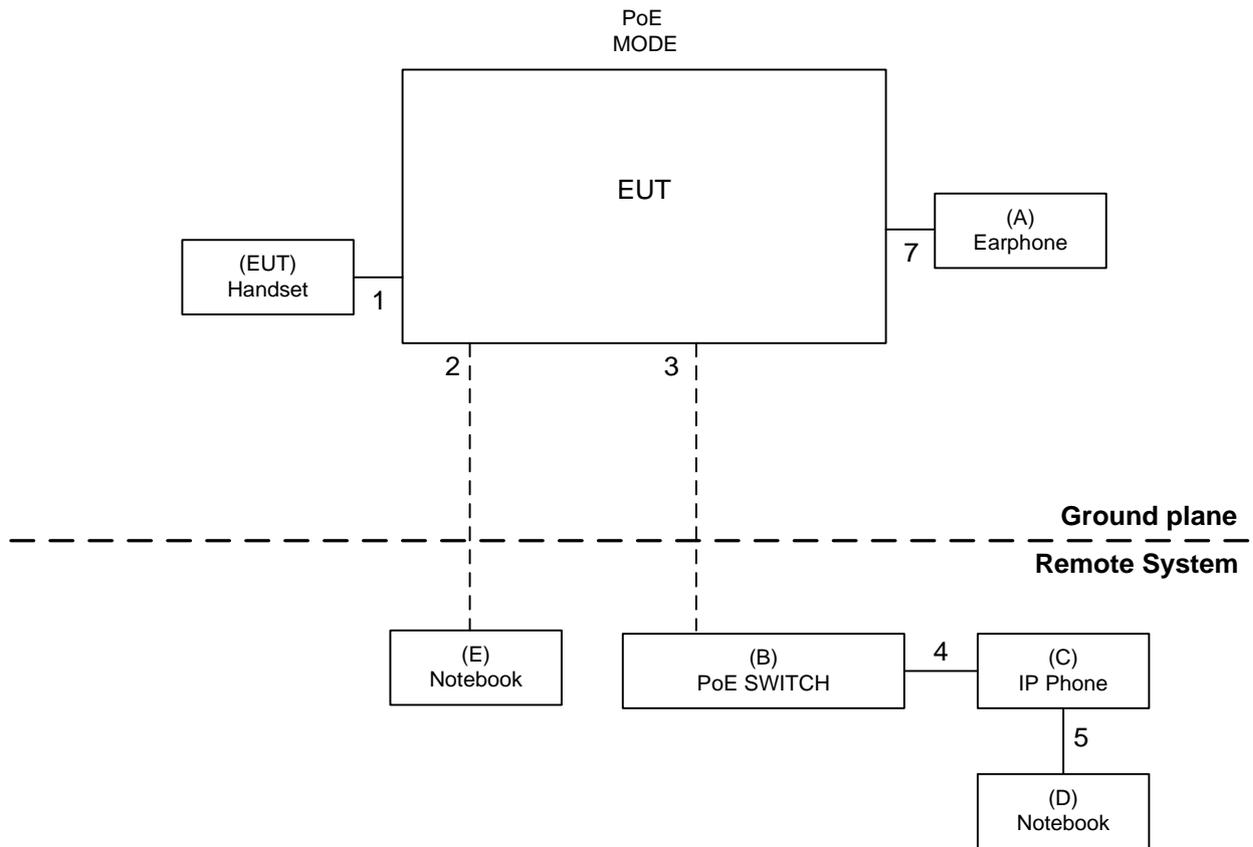
For Radiated Test	
Final Test Mode	Description
Mode 1	Handfree
Mode 2	Handset
Mode 3	Earphone

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





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	Earphone	FANVIL	N/A	N/A	N/A
B	PoE SWITCH	D-LINK	DGS-1008P	N/A	QB842D1000045
C	IP PHONE	FANVIL	X3P	N/A	N/A
D	Notebook	HP	8460P	DOC	CNU1301BJ3
E	Notebook	DELL	INSPIRON 1420	DOC	JX193A01SDC2

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.8m	RJ11 Cable
2	NO	NO	15m	RJ45 Cable
3	NO	NO	15m	RJ45 Cable
4	NO	NO	1m	RJ45 Cable
5	NO	NO	1m	RJ45 Cable
6	NO	NO	1.8m	DC Cable
7	NO	NO	2m	Earphone 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, 2017
2	Test Cable	TIMES	CFD300-NL	C05	Jun. 13, 2017
3	EMI Test Receiver	R&S	ESR3	101854	May 12, 2017
4	Measurement Software	EZ	EZ_EMG (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.

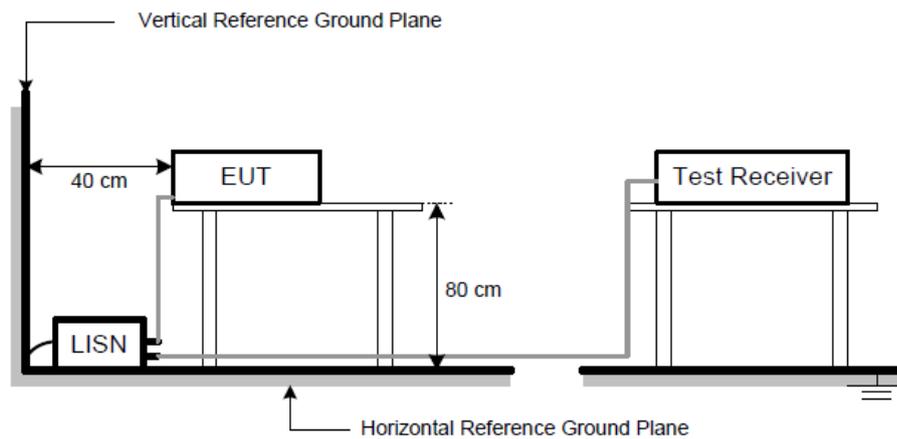
4.1.3 TEST PROCEDURE

- 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

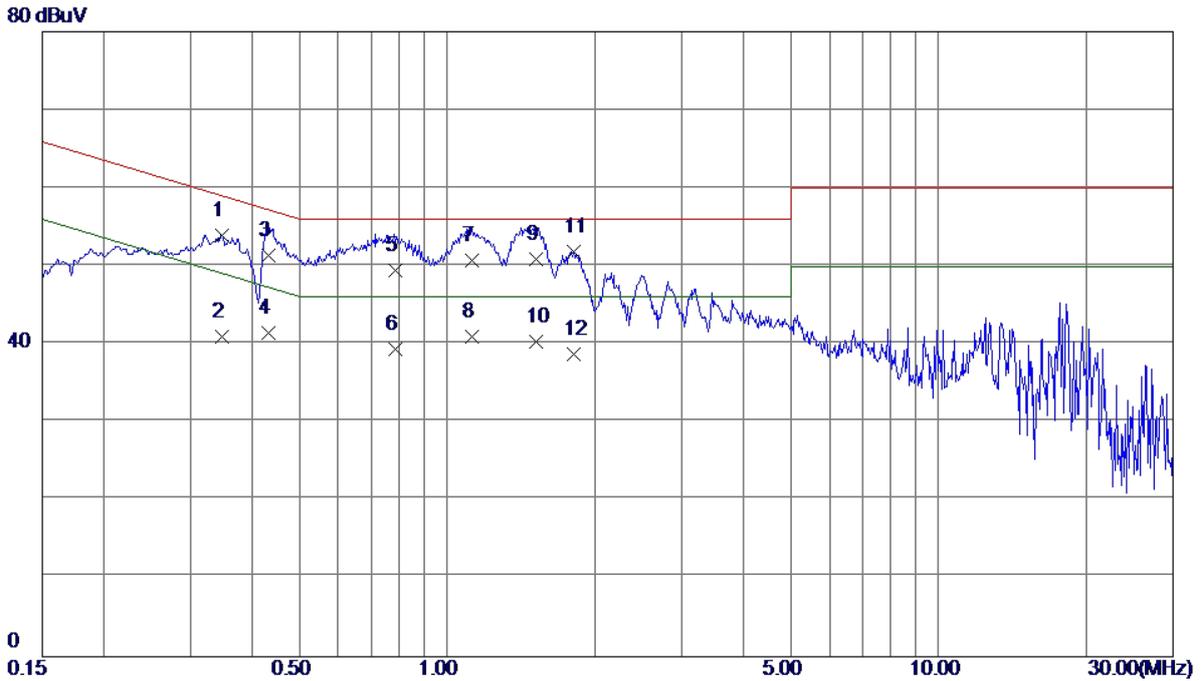


4.1.6 TEST RESULTS

Remark

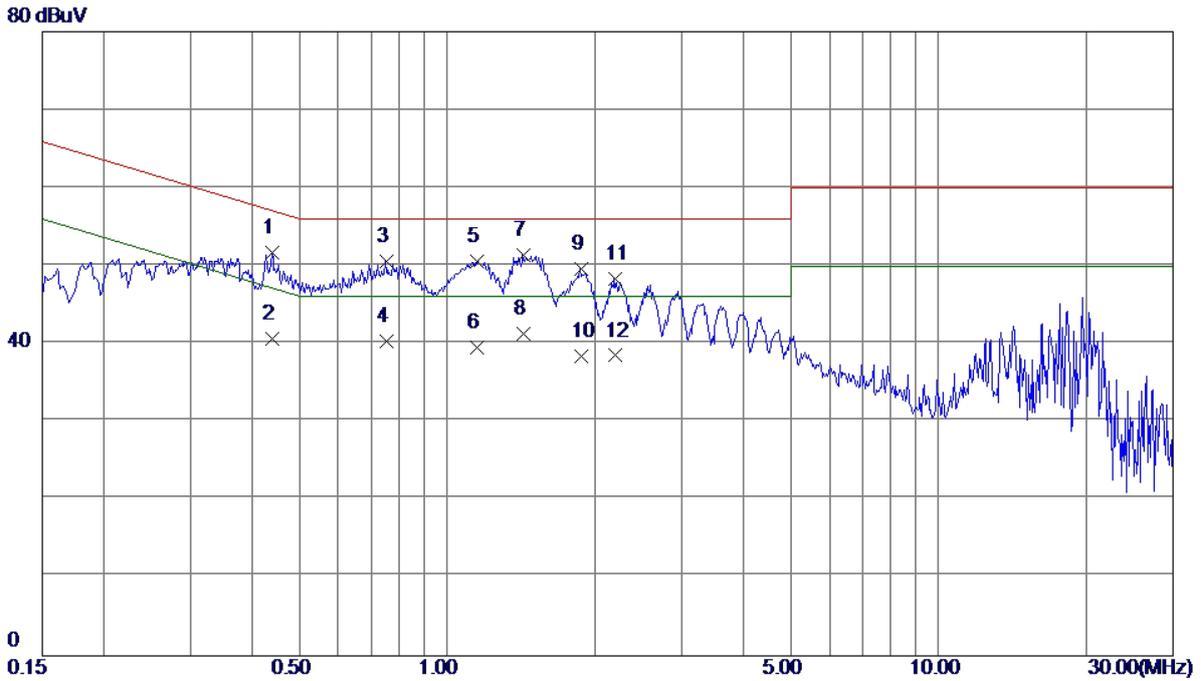
- (1) Reading in which marked as QP means measurements by using are Quasi-Peak Mode with Detector BW=9KHz; SPA setting in RBW=10KHz,VBW =10KHz, Swp. Time = 0.3 sec./MHz.
Reading in which marked as AV means measurements by using are Average Mode with instrument setting in RBW=10KHz,VBW=10KHz, Swp. Time =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	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	Handfree		
Test Engineer	Pike Lee		



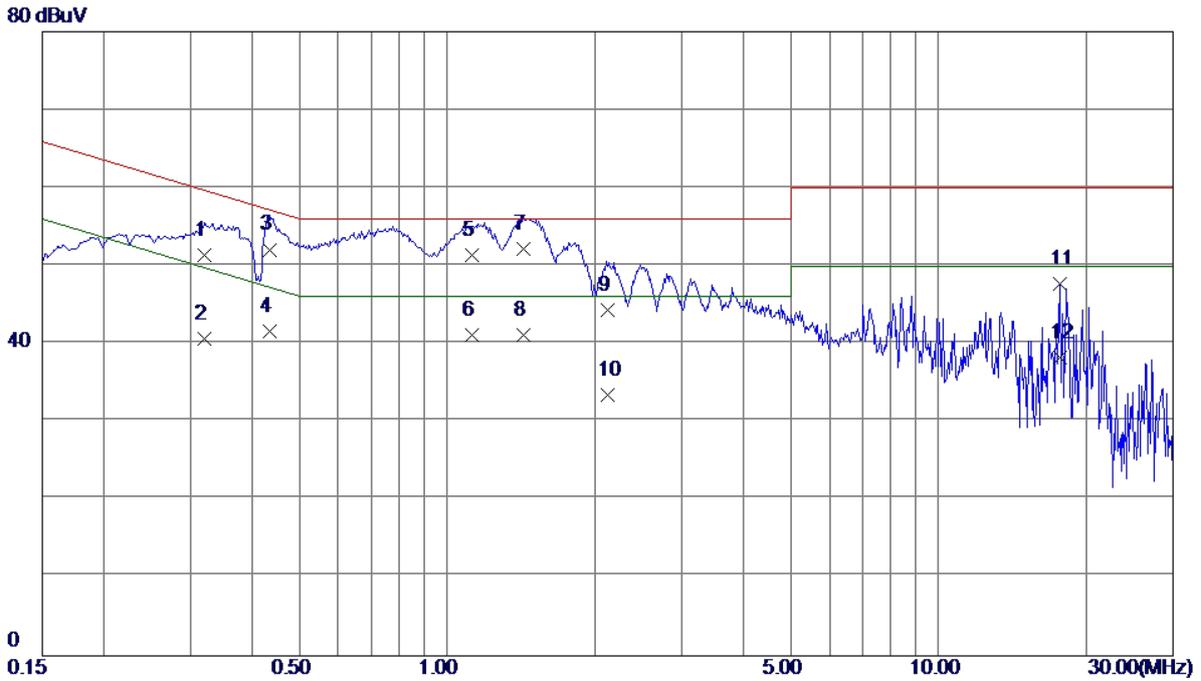
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1	0.3480	44.25	9.68	53.93	59.01	-5.08	QP
2	0.3480	31.26	9.68	40.94	49.01	-8.07	AVG
3	0.4335	41.69	9.69	51.38	57.19	-5.81	QP
4	0.4335	31.79	9.69	41.48	47.19	-5.71	AVG
5	0.7822	39.68	9.70	49.38	56.00	-6.62	QP
6	0.7822	29.68	9.70	39.38	46.00	-6.62	AVG
7	1.1265	41.07	9.72	50.79	56.00	-5.21	QP
8	1.1265	31.17	9.72	40.89	46.00	-5.11	AVG
9	1.5135	41.11	9.74	50.85	56.00	-5.15	QP
10	1.5135	30.51	9.74	40.25	46.00	-5.75	AVG
11 *	1.8128	42.05	9.76	51.81	56.00	-4.19	QP
12	1.8128	28.94	9.76	38.70	46.00	-7.30	AVG

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Phase	Neutral
Test Mode	Handfree		
Test Engineer	Pike Lee		



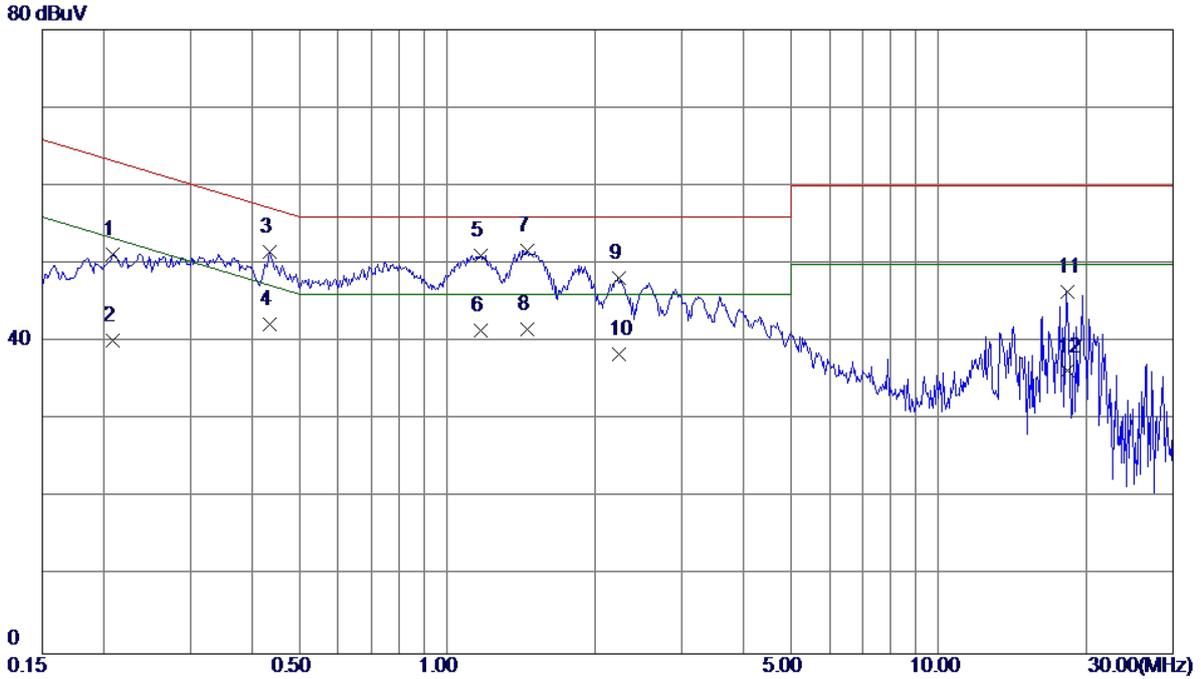
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1	0.4402	41.96	9.69	51.65	57.06	-5.41	QP
2	0.4402	30.89	9.69	40.58	47.06	-6.48	AVG
3	0.7507	40.79	9.70	50.49	56.00	-5.51	QP
4	0.7507	30.67	9.70	40.37	46.00	-5.63	AVG
5	1.1512	40.83	9.72	50.55	56.00	-5.45	QP
6	1.1512	29.81	9.72	39.53	46.00	-6.47	AVG
7 *	1.4258	41.56	9.74	51.30	56.00	-4.70	QP
8	1.4258	31.48	9.74	41.22	46.00	-4.78	AVG
9	1.8735	39.80	9.76	49.56	56.00	-6.44	QP
10	1.8735	28.60	9.76	38.36	46.00	-7.64	AVG
11	2.1975	38.50	9.78	48.28	56.00	-7.72	QP
12	2.1975	28.70	9.78	38.48	46.00	-7.52	AVG

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	Handset		
Test Engineer	Pike Lee		



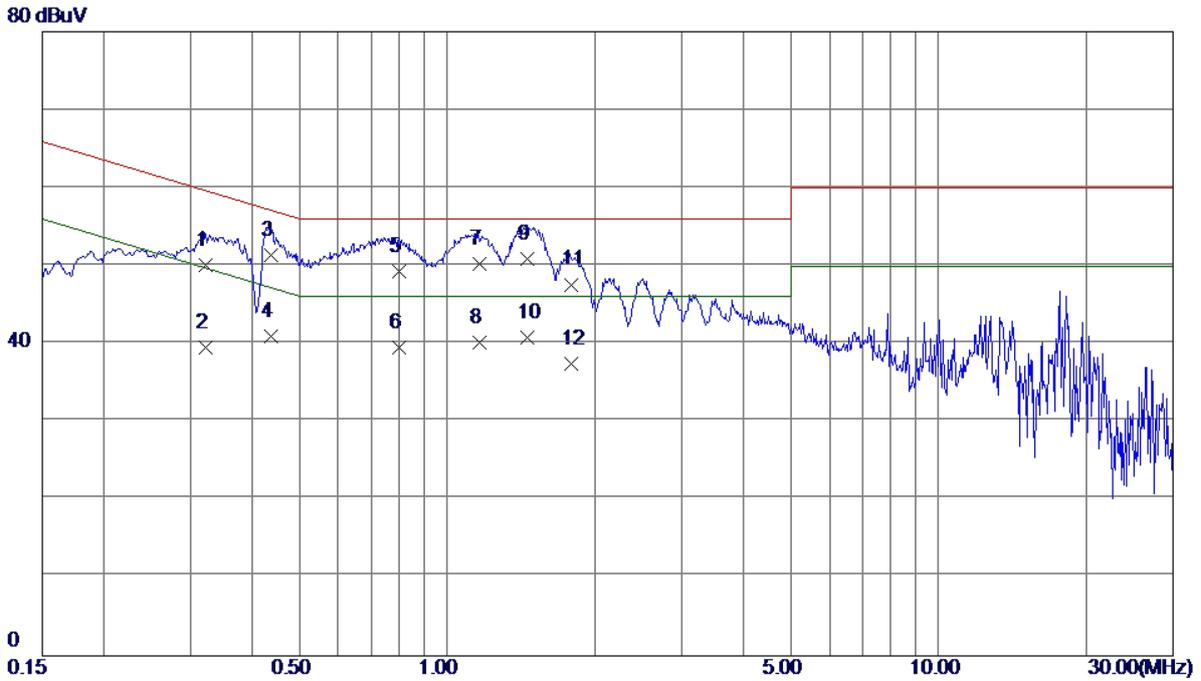
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1	0.3209	41.69	9.68	51.37	59.68	-8.31	QP
2	0.3209	30.89	9.68	40.57	49.68	-9.11	AVG
3	0.4357	42.39	9.69	52.08	57.14	-5.06	QP
4	0.4357	31.89	9.69	41.58	47.14	-5.56	AVG
5	1.1220	41.67	9.72	51.39	56.00	-4.61	QP
6	1.1220	31.47	9.72	41.19	46.00	-4.81	AVG
7 *	1.4325	42.42	9.74	52.16	56.00	-3.84	QP
8	1.4325	31.42	9.74	41.16	46.00	-4.84	AVG
9	2.1165	34.60	9.78	44.38	56.00	-11.62	QP
10	2.1165	23.70	9.78	33.48	46.00	-12.52	AVG
11	17.6933	37.82	9.90	47.72	60.00	-12.28	QP
12	17.6933	28.38	9.90	38.28	50.00	-11.72	AVG

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Phase	Neutral
Test Mode	Handset		
Test Engineer	Pike Lee		



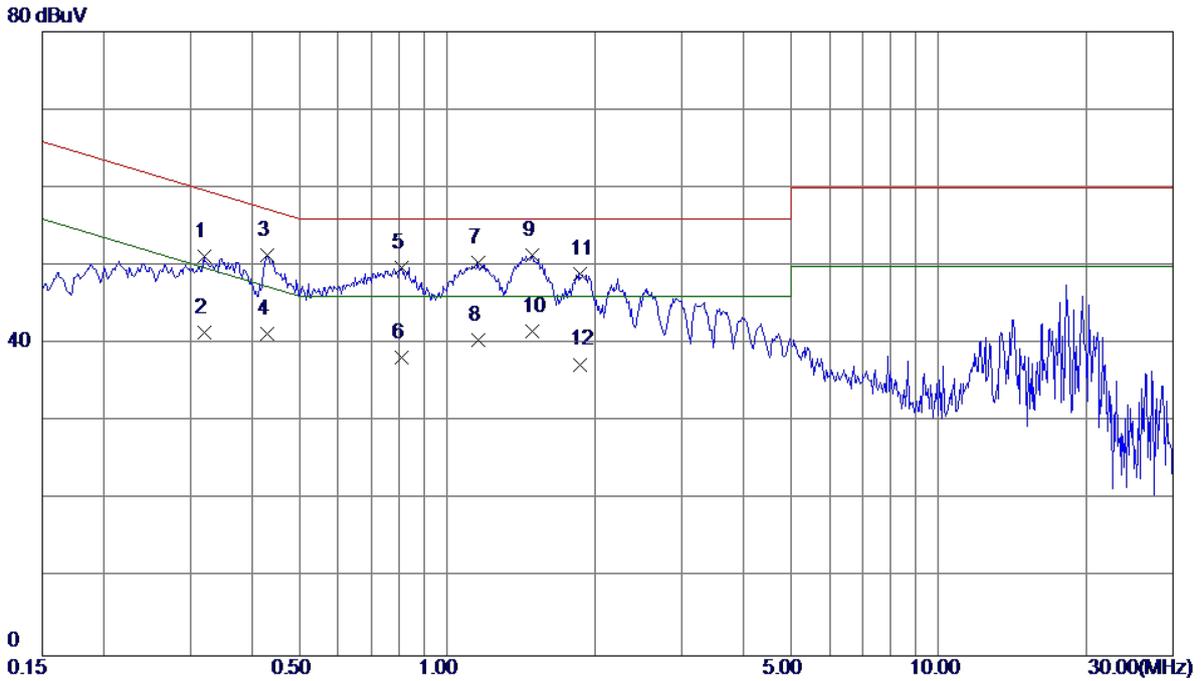
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV	Limit dBuV	Margin dB	Detector
1	0.2085	41.51	9.68	51.19	63.26	-12.07	QP
2	0.2085	30.49	9.68	40.17	53.26	-13.09	AVG
3	0.4357	41.78	9.69	51.47	57.14	-5.67	QP
4	0.4357	32.59	9.69	42.28	47.14	-4.86	AVG
5	1.1737	41.37	9.72	51.09	56.00	-4.91	QP
6	1.1737	31.71	9.72	41.43	46.00	-4.57	AVG
7 *	1.4595	42.02	9.74	51.76	56.00	-4.24	QP
8	1.4595	31.79	9.74	41.53	46.00	-4.47	AVG
9	2.2313	38.31	9.78	48.09	56.00	-7.91	QP
10	2.2313	28.60	9.78	38.38	46.00	-7.62	AVG
11	18.2445	36.42	9.91	46.33	60.00	-13.67	QP
12	18.2445	26.33	9.91	36.24	50.00	-13.76	AVG

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Phase	Line
Test Mode	Earphone		
Test Engineer	Pike Lee		



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1	0.3232	40.40	9.68	50.08	59.62	-9.54	QP
2	0.3232	29.90	9.68	39.58	49.62	-10.04	AVG
3	0.4380	41.69	9.69	51.38	57.10	-5.72	QP
4	0.4380	31.29	9.69	40.98	47.10	-6.12	AVG
5	0.8002	39.58	9.70	49.28	56.00	-6.72	QP
6	0.8002	29.78	9.70	39.48	46.00	-6.52	AVG
7	1.1625	40.59	9.72	50.31	56.00	-5.69	QP
8	1.1625	30.49	9.72	40.21	46.00	-5.79	AVG
9 *	1.4573	41.11	9.74	50.85	56.00	-5.15	QP
10	1.4573	31.01	9.74	40.75	46.00	-5.25	AVG
11	1.7858	37.84	9.76	47.60	56.00	-8.40	QP
12	1.7858	27.74	9.76	37.50	46.00	-8.50	AVG

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Phase	Neutral
Test Mode	Earphone		
Test Engineer	Pike Lee		



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector
1	0.3209	41.59	9.68	51.27	59.68	-8.41	QP
2	0.3209	31.75	9.68	41.43	49.68	-8.25	AVG
3	0.4312	41.62	9.69	51.31	57.23	-5.92	QP
4	0.4312	31.59	9.69	41.28	47.23	-5.95	AVG
5	0.8092	40.10	9.70	49.80	56.00	-6.20	QP
6	0.8092	28.58	9.70	38.28	46.00	-7.72	AVG
7	1.1580	40.68	9.72	50.40	56.00	-5.60	QP
8	1.1580	30.71	9.72	40.43	46.00	-5.57	AVG
9	1.4910	41.60	9.74	51.34	56.00	-4.66	QP
10 *	1.4910	31.80	9.74	41.54	46.00	-4.46	AVG
11	1.8668	39.14	9.76	48.90	56.00	-7.10	QP
12	1.8668	27.60	9.76	37.36	46.00	-8.64	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. 21, 2017
2	Horn Antenna	Schwarzbeck	BBHA-9120D	D 546	Nov. 04, 2017
3	Pre-Amplifier	HP	8447D	2944A08891	Mar.19, 2017
4	Pre-Amplifier	Agilent	8449B	3008A02331	Jan. 22, 2017
5	Pre-Amplifier	EMCI	EMC2654045	980030	Feb. 14, 2017
6	Test Cable	EMCI	EMC8D-NM-N M-8000	150301	Mar.19, 2017
7	Test Cable	EMCI	EMC104-SM-S M-1000	150304	Mar.19, 2017
8	Test Cable	EMCI	EMC104-SM-S M-2500	140303	Mar.19, 2017
9	Test Cable	EMCI	EMC104-SM-S M-5000	140302	Mar.19, 2017
10	Test Cable	EMCI	EMC104-SM-S M-2500	150306	Mar.19, 2017
11	Test Cable	EMCI	EMC104-SM-S M-800	150305	Mar.19, 2017
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

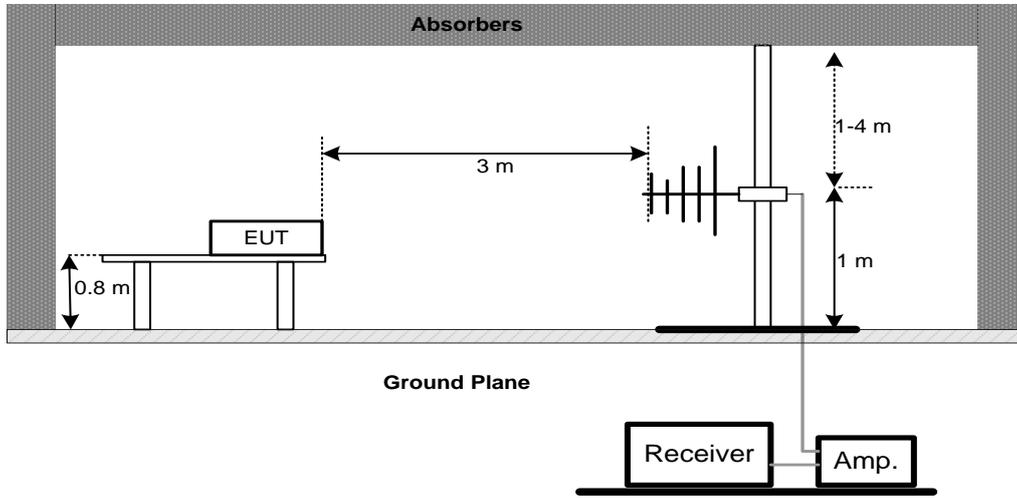
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The measuring distance 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

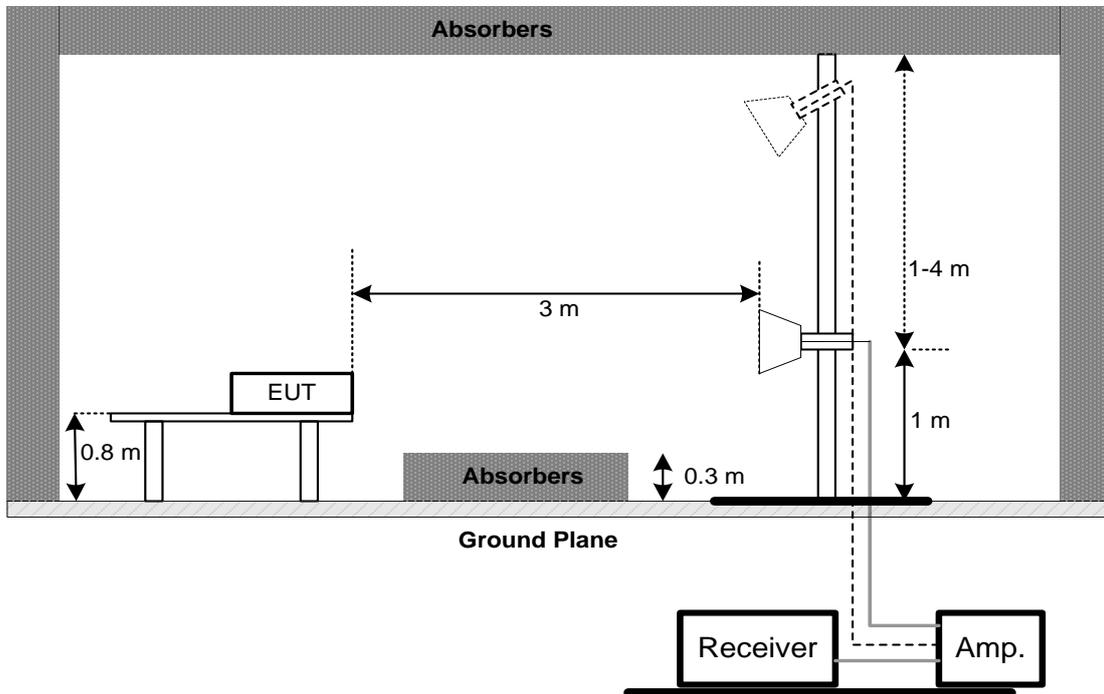
No deviation

4.2.5 TEST SETUP

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



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



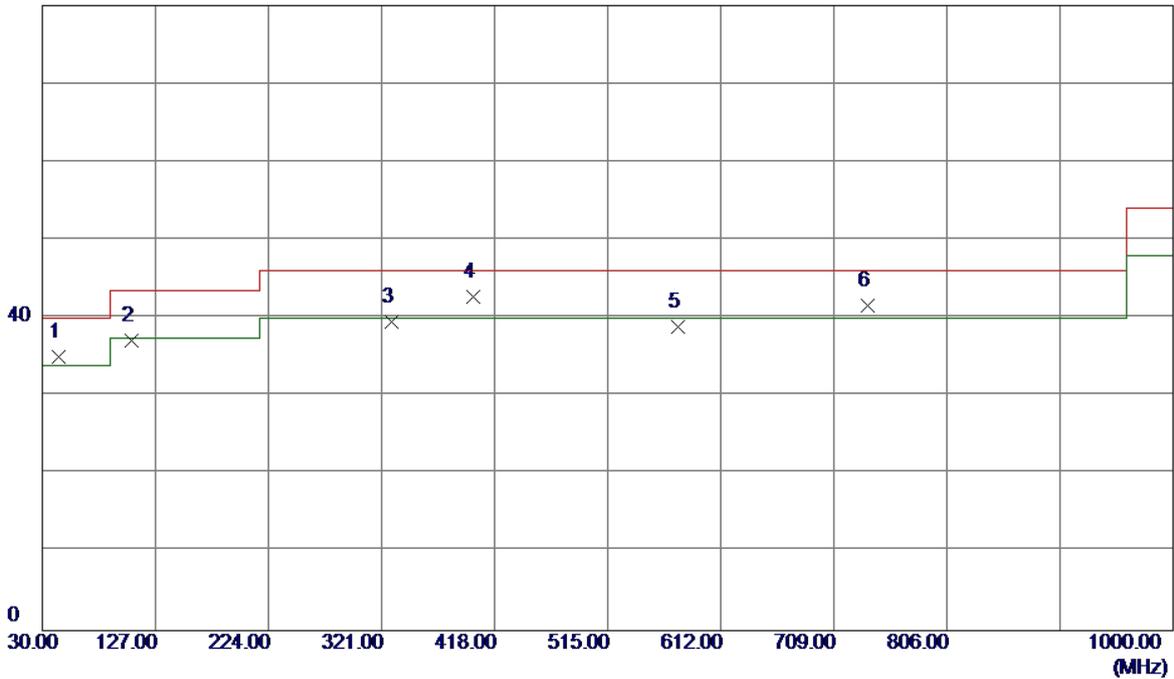
4.2.6 TEST RESULTS-BELOW 1GHZ

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	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Handfree		
Note	Adapter		
Test Engineer	Pike Lee		

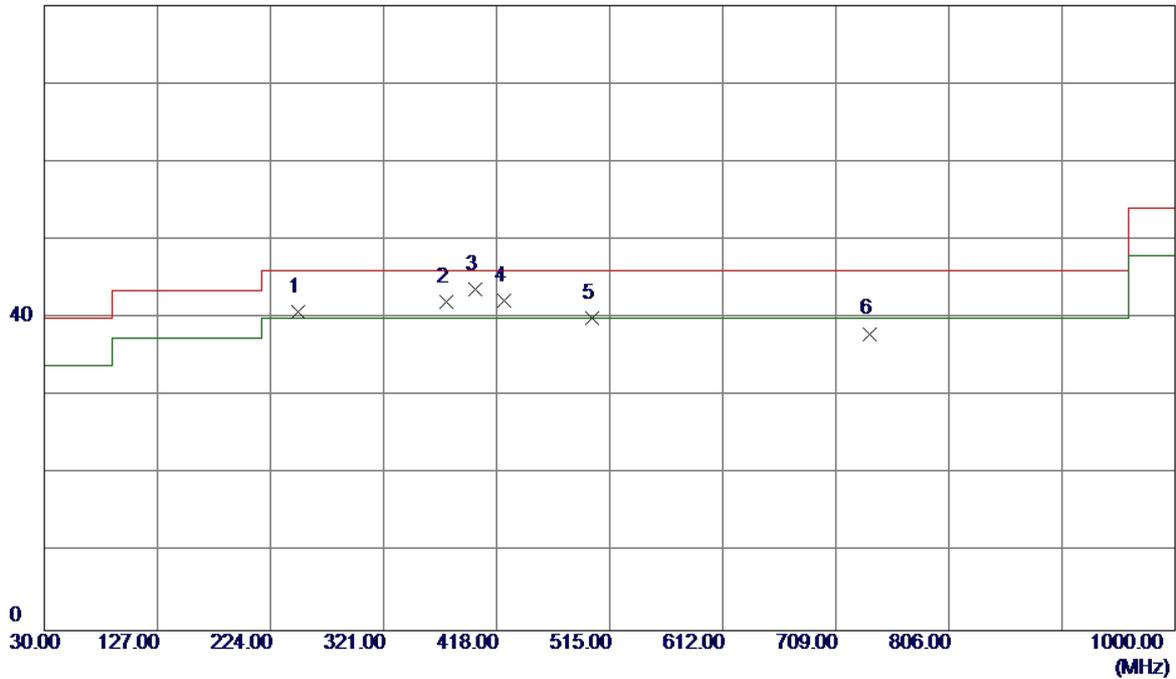
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	44.0650	43.32	-8.30	35.02	40.00	-4.98	QP
2	106.6300	48.28	-11.19	37.09	43.50	-6.41	QP
3	329.7300	45.21	-5.73	39.48	46.00	-6.52	QP
4 *	400.0550	47.40	-4.70	42.70	46.00	-3.30	QP
5	575.1400	40.82	-1.87	38.95	46.00	-7.05	QP
6	738.5850	40.34	1.20	41.54	46.00	-4.46	QP

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Handfree		
Note	Adapter		
Test Engineer	Pike Lee		

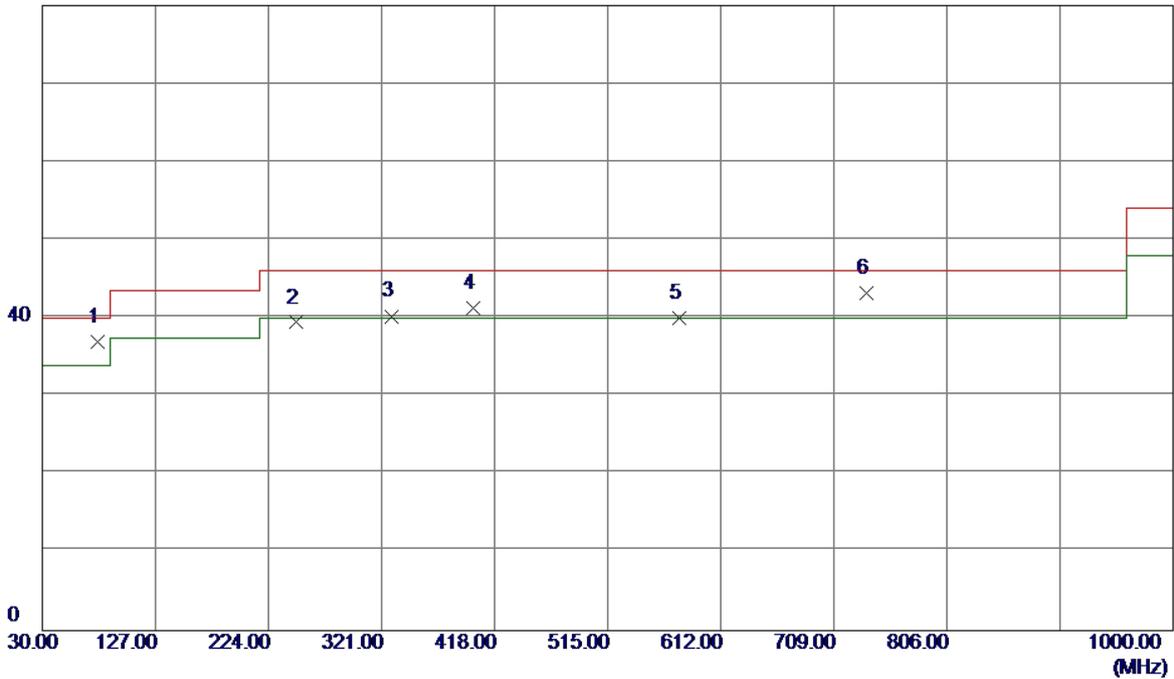
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	247.2800	49.42	-8.57	40.85	46.00	-5.15	QP
2	374.8350	47.12	-4.99	42.13	46.00	-3.87	QP
3 *	400.0550	48.32	-4.70	43.62	46.00	-2.38	QP
4	424.7900	46.52	-4.24	42.28	46.00	-3.72	QP
5	499.9650	43.32	-3.29	40.03	46.00	-5.97	QP
6	738.1000	36.81	1.19	38.00	46.00	-8.00	QP

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	PoE 48V	Polarization	Vertical
Test Mode	Handfree		
Note	POE		
Test Engineer	Pike Lee		

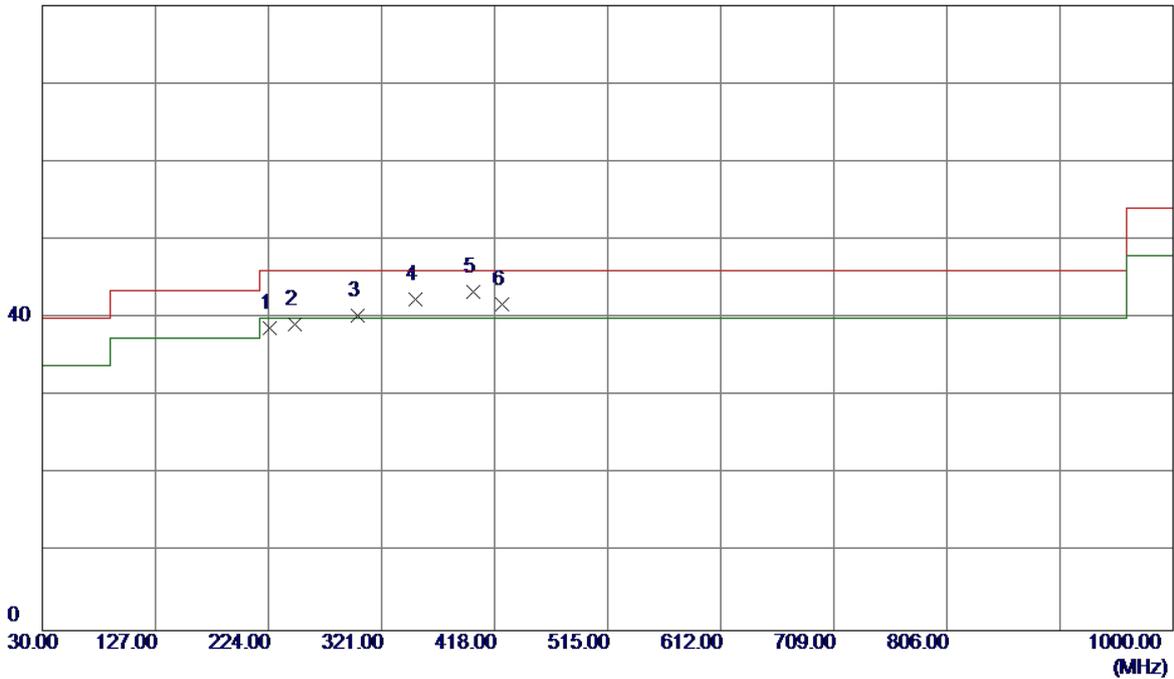
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	77.0450	49.06	-12.09	36.97	40.00	-3.03	QP
2	247.2800	48.01	-8.57	39.44	46.00	-6.56	QP
3	329.7300	45.97	-5.73	40.24	46.00	-5.76	QP
4	400.0550	46.02	-4.70	41.32	46.00	-4.68	QP
5	576.1100	41.77	-1.84	39.93	46.00	-6.07	QP
6 *	737.1300	42.02	1.17	43.19	46.00	-2.81	QP

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	PoE 48V	Polarization	Horizontal
Test Mode	Handfree		
Note	POE		
Test Engineer	Pike Lee		

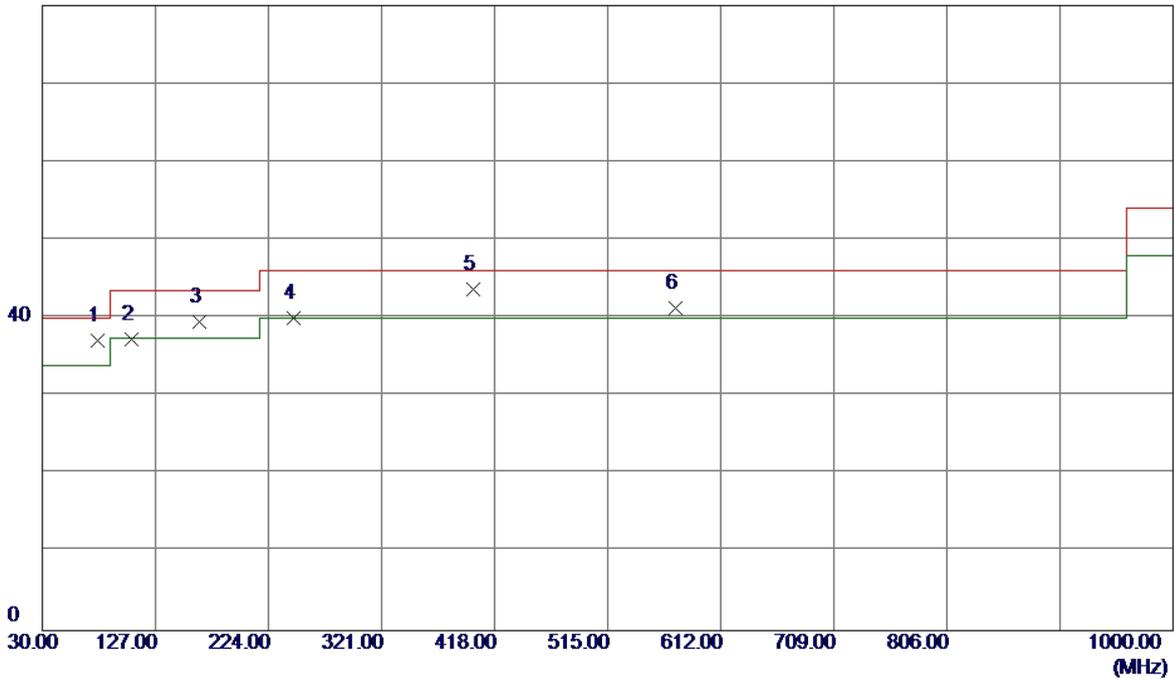
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	224.9700	48.57	-9.88	38.69	46.00	-7.31	QP
2	246.3100	47.77	-8.61	39.16	46.00	-6.84	QP
3	300.1450	46.68	-6.40	40.28	46.00	-5.72	QP
4	350.1000	47.62	-5.27	42.35	46.00	-3.65	QP
5 *	400.0550	48.10	-4.70	43.40	46.00	-2.60	QP
6	424.7900	45.95	-4.24	41.71	46.00	-4.29	QP

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Handset		
Note	Adapter		
Test Engineer	Pike Lee		

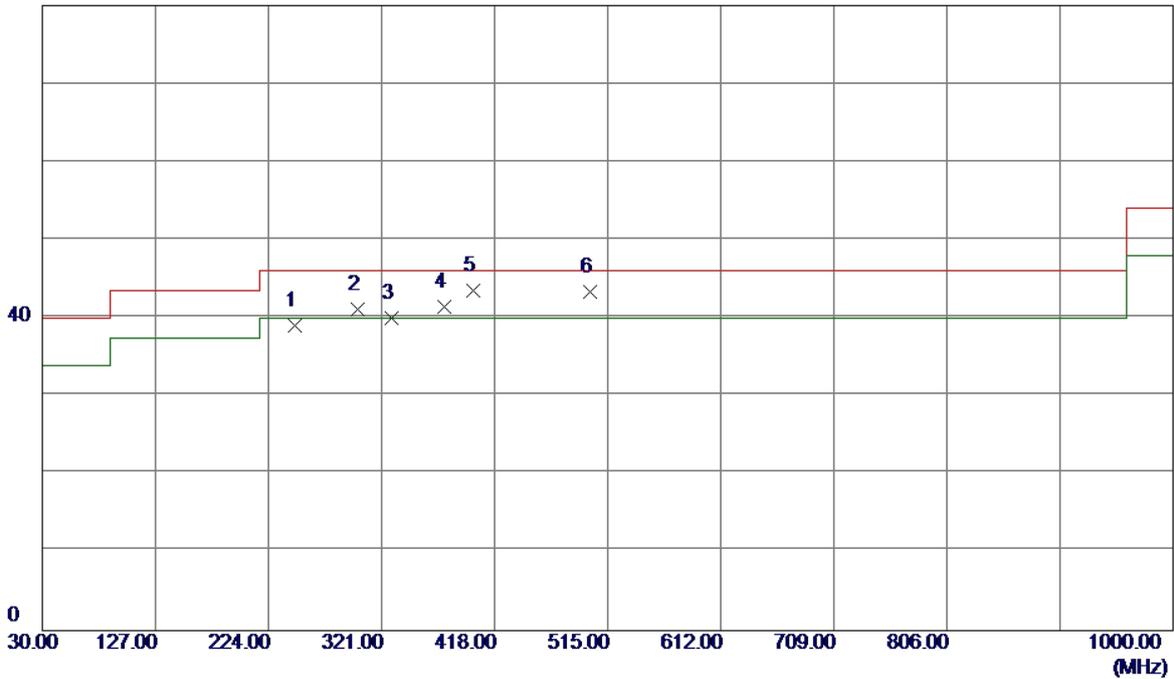
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	77.0450	49.28	-12.09	37.19	40.00	-2.81	QP
2	106.6300	48.41	-11.19	37.22	43.50	-6.28	QP
3	164.8300	47.65	-8.15	39.50	43.50	-4.00	QP
4	245.8250	48.64	-8.63	40.01	46.00	-5.99	QP
5 *	400.0550	48.33	-4.70	43.63	46.00	-2.37	QP
6	573.6850	43.21	-1.90	41.31	46.00	-4.69	QP

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Handset		
Note	Adapter		
Test Engineer	Pike Lee		

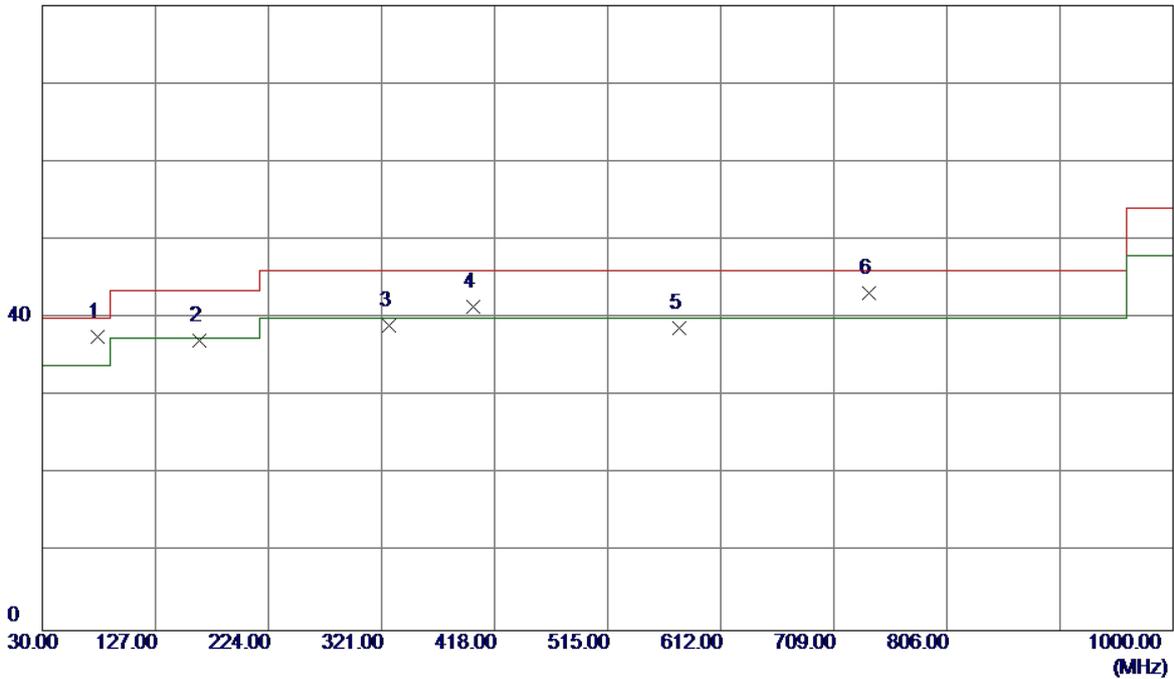
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	246.7950	47.64	-8.59	39.05	46.00	-6.95	QP
2	300.1450	47.46	-6.40	41.06	46.00	-4.94	QP
3	329.7300	45.71	-5.73	39.98	46.00	-6.02	QP
4	374.8350	46.49	-4.99	41.50	46.00	-4.50	QP
5 *	400.0550	48.15	-4.70	43.45	46.00	-2.55	QP
6	499.9650	46.60	-3.29	43.31	46.00	-2.69	QP

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	PoE 48V	Polarization	Vertical
Test Mode	Handset		
Note	POE		
Test Engineer	Pike Lee		

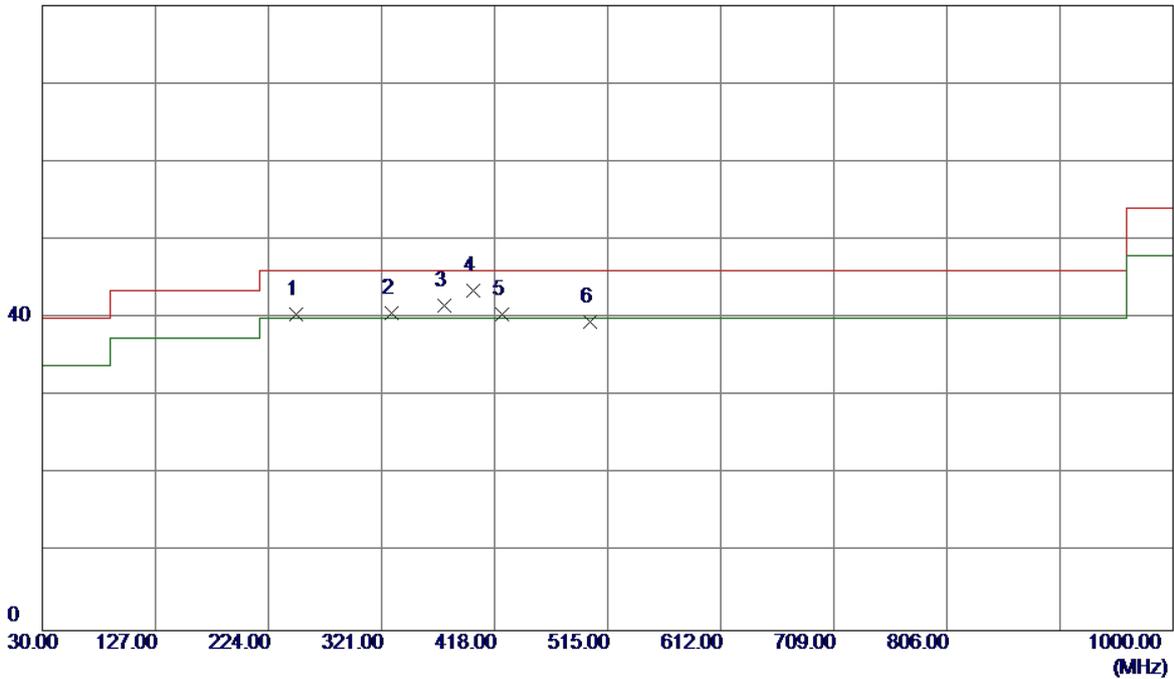
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1 *	77.0450	49.62	-12.09	37.53	40.00	-2.47	QP
2	164.3450	45.31	-8.14	37.17	43.50	-6.33	QP
3	327.7900	44.86	-5.77	39.09	46.00	-6.91	QP
4	400.0550	46.17	-4.70	41.47	46.00	-4.53	QP
5	576.5949	40.53	-1.83	38.70	46.00	-7.30	QP
6	739.0700	42.03	1.21	43.24	46.00	-2.76	QP

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	PoE 48V	Polarization	Horizontal
Test Mode	Handset		
Note	POE		
Test Engineer	Pike Lee		

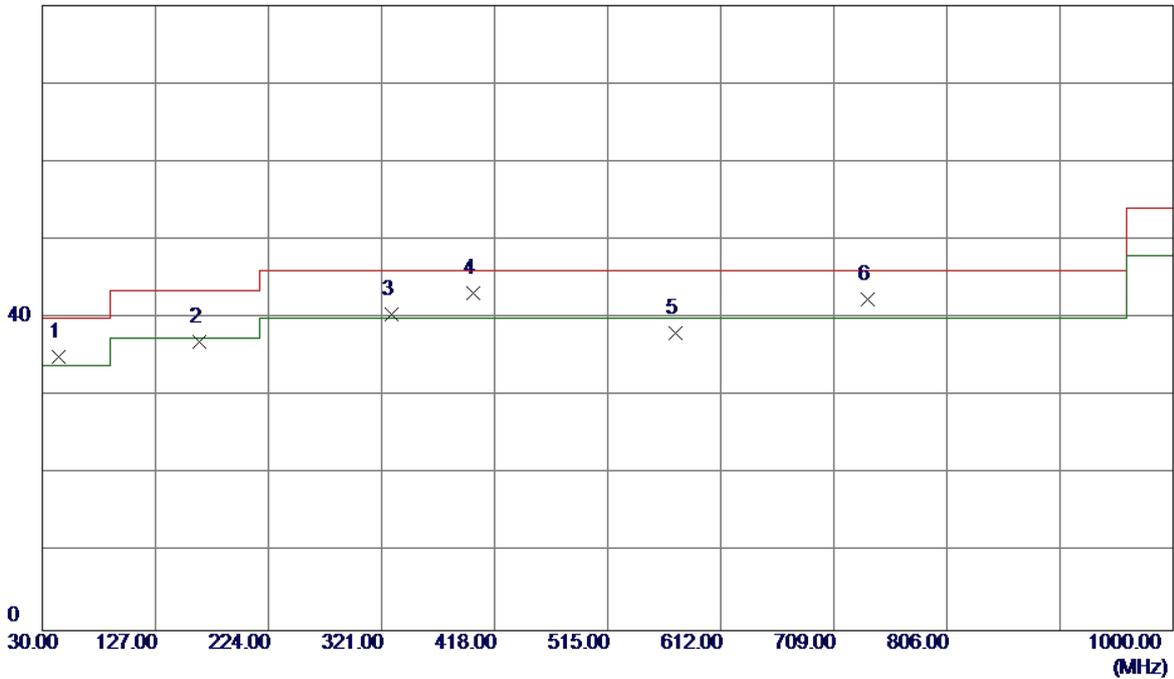
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	247.2800	49.07	-8.57	40.50	46.00	-5.50	QP
2	329.7300	46.32	-5.73	40.59	46.00	-5.41	QP
3	374.8350	46.58	-4.99	41.59	46.00	-4.41	QP
4 *	400.0550	48.15	-4.70	43.45	46.00	-2.55	QP
5	424.7900	44.72	-4.24	40.48	46.00	-5.52	QP
6	499.9650	42.82	-3.29	39.53	46.00	-6.47	QP

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Earphone		
Note	Adapter		
Test Engineer	Pike Lee		

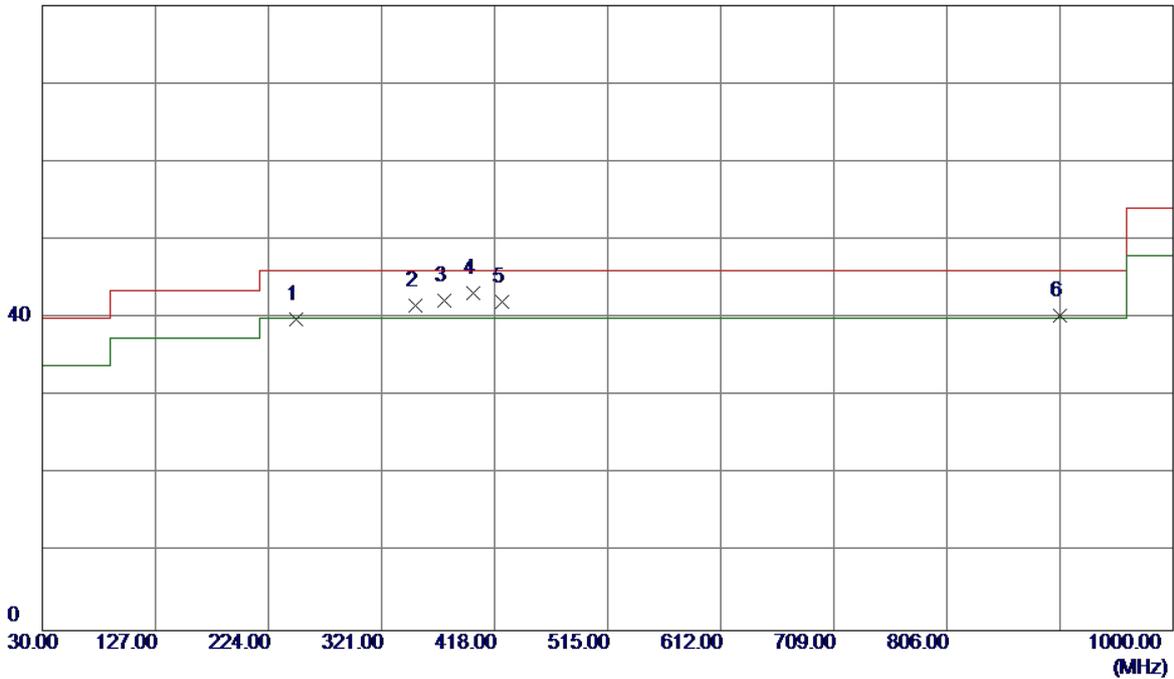
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	43.5800	43.32	-8.35	34.97	40.00	-5.03	QP
2	164.3450	45.17	-8.14	37.03	43.50	-6.47	QP
3	329.7300	46.20	-5.73	40.47	46.00	-5.53	QP
4 *	400.0550	47.95	-4.70	43.25	46.00	-2.75	QP
5	573.2000	40.04	-1.92	38.12	46.00	-7.88	QP
6	737.6150	41.20	1.18	42.38	46.00	-3.62	QP

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Earphone		
Note	Adapter		
Test Engineer	Pike Lee		

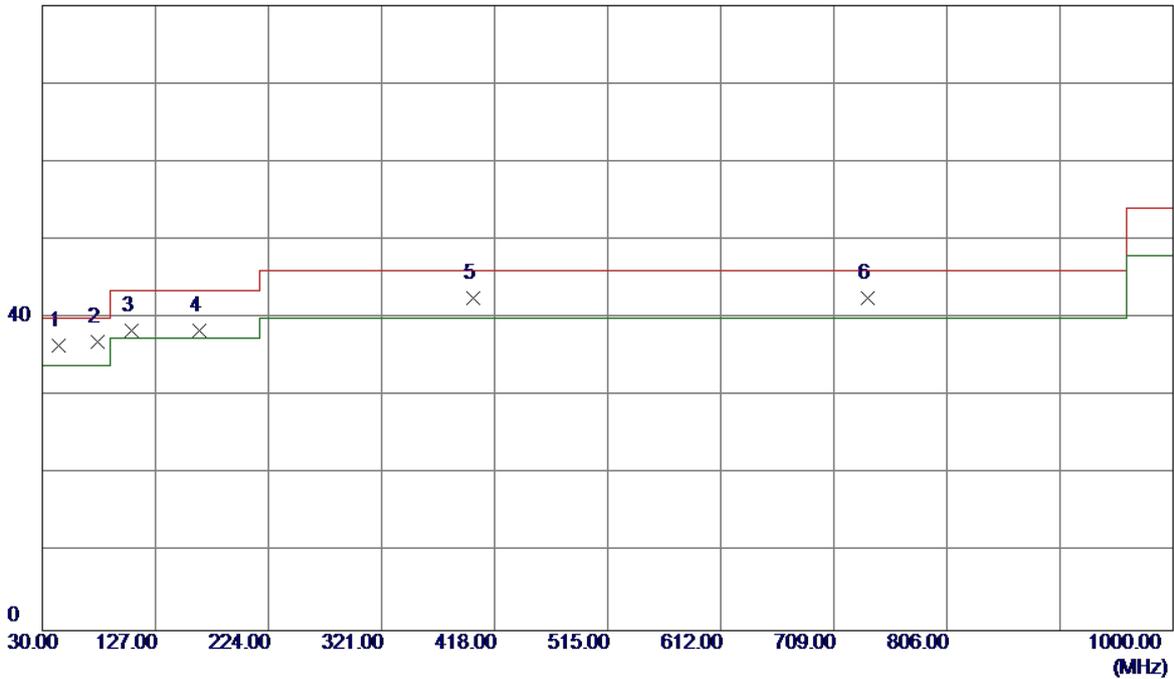
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	247.2800	48.47	-8.57	39.90	46.00	-6.10	QP
2	350.1000	46.82	-5.27	41.55	46.00	-4.45	QP
3	374.8350	47.23	-4.99	42.24	46.00	-3.76	QP
4 *	400.0550	47.90	-4.70	43.20	46.00	-2.80	QP
5	424.7900	46.37	-4.24	42.13	46.00	-3.87	QP
6	903.0000	36.43	3.89	40.32	46.00	-5.68	QP

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	PoE 48V	Polarization	Vertical
Test Mode	Earphone		
Note	POE		
Test Engineer	Pike Lee		

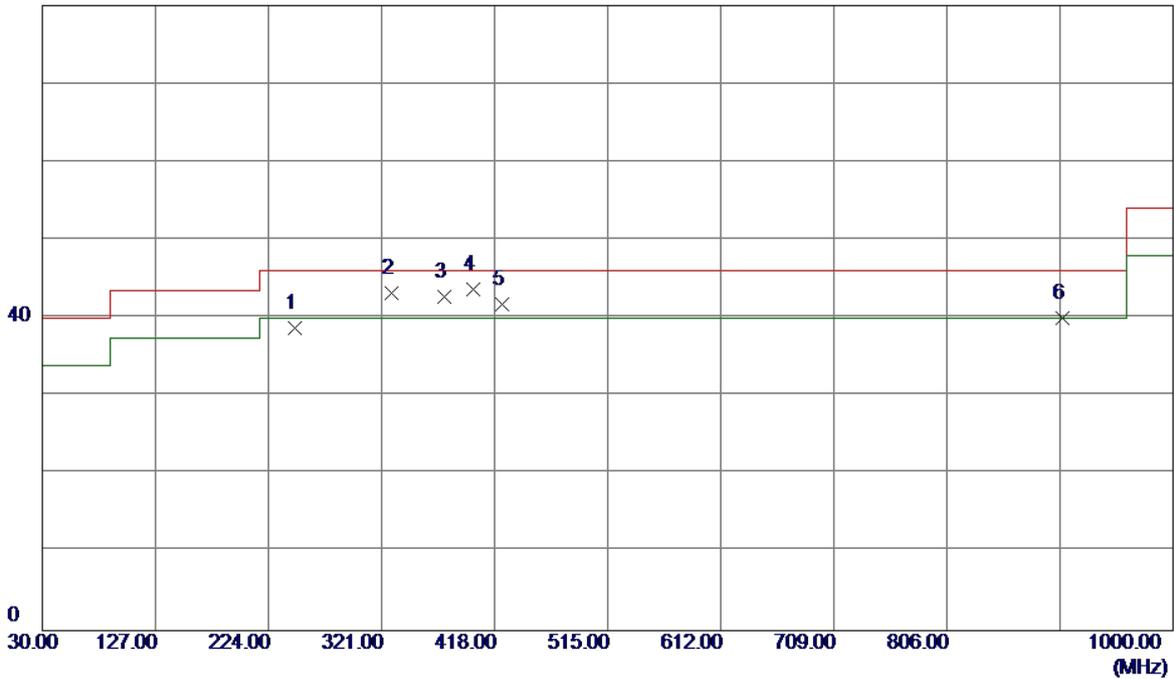
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	43.5800	44.79	-8.35	36.44	40.00	-3.56	QP
2 *	77.0450	49.06	-12.09	36.97	40.00	-3.03	QP
3	106.6300	49.54	-11.19	38.35	43.50	-5.15	QP
4	164.3450	46.52	-8.14	38.38	43.50	-5.12	QP
5	400.0550	47.29	-4.70	42.59	46.00	-3.41	QP
6	738.1000	41.33	1.19	42.52	46.00	-3.48	QP

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	PoE 48V	Polarization	Horizontal
Test Mode	Earphone		
Note	POE		
Test Engineer	Pike Lee		

80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	246.7950	47.35	-8.59	38.76	46.00	-7.24	QP
2	329.7300	48.87	-5.73	43.14	46.00	-2.86	QP
3	374.8350	47.64	-4.99	42.65	46.00	-3.35	QP
4 *	400.0550	48.33	-4.70	43.63	46.00	-2.37	QP
5	424.7900	45.97	-4.24	41.73	46.00	-4.27	QP
6	904.9400	36.03	3.92	39.95	46.00	-6.05	QP

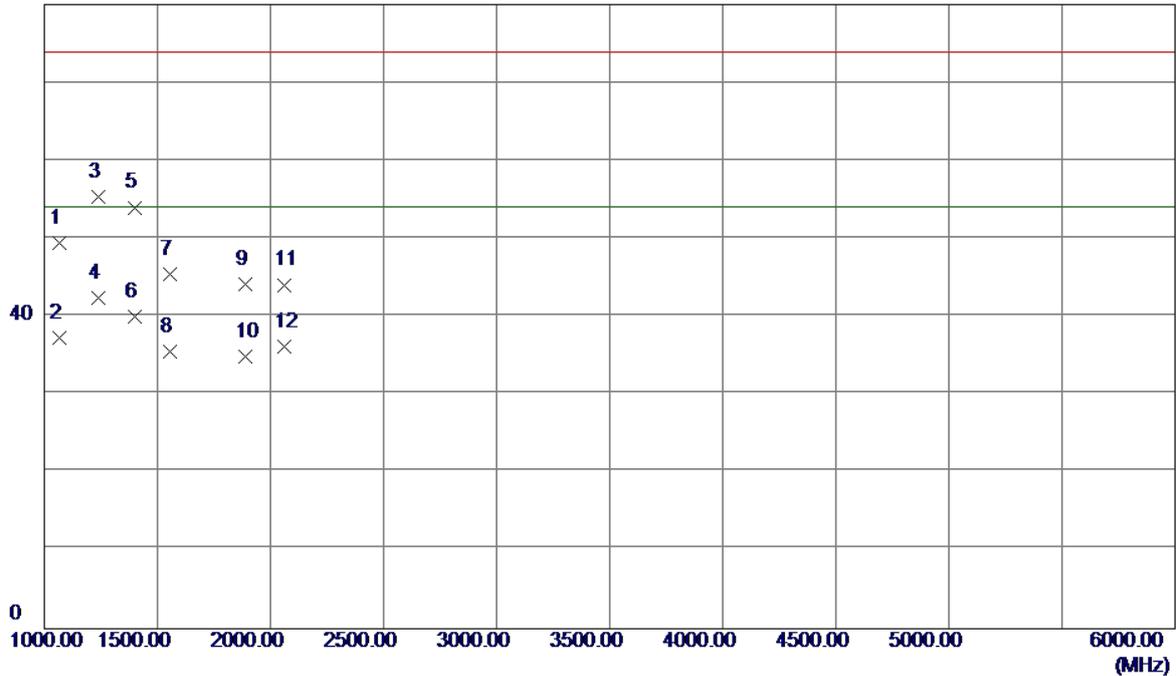
4.2.7 TEST RESULTS-ABOVE 1GHZ

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	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Handfree		
Note	Adapter		
Test Engineer	Pike Lee		

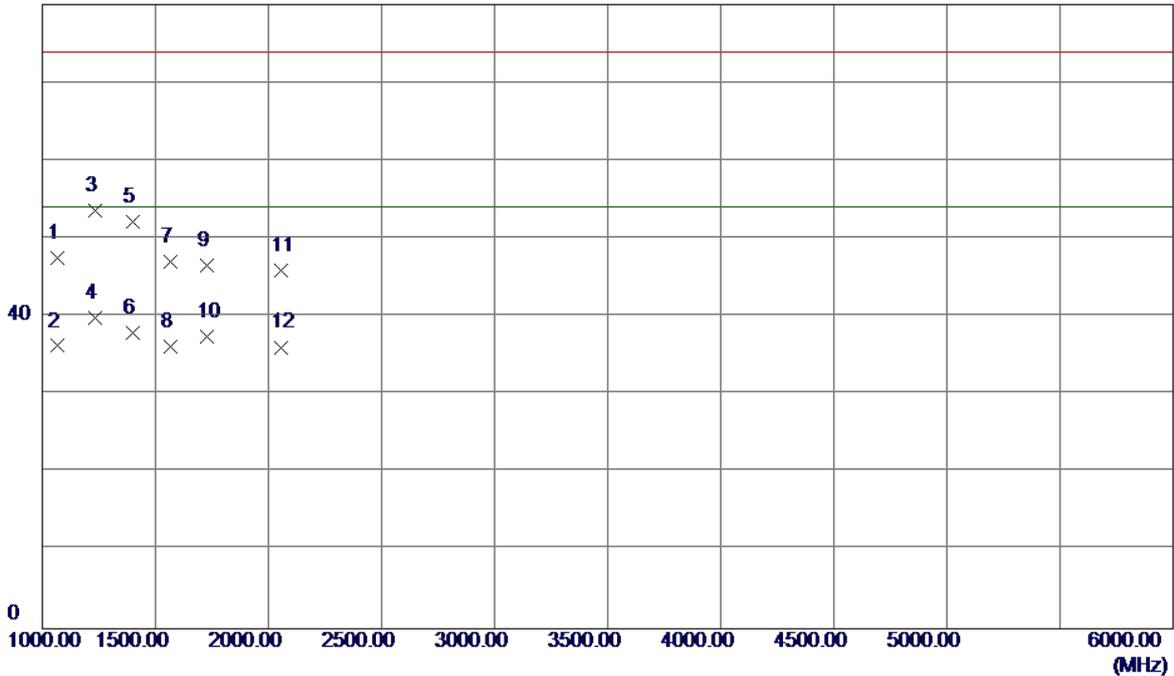
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1065.0000	55.27	-5.77	49.50	74.00	-24.50	Peak
2	1065.0000	43.03	-5.77	37.26	54.00	-16.74	AVG
3	1237.5000	60.24	-4.85	55.39	74.00	-18.61	Peak
4 *	1237.5000	47.31	-4.85	42.46	54.00	-11.54	AVG
5	1402.5000	57.97	-3.97	54.00	74.00	-20.00	Peak
6	1402.5000	43.96	-3.97	39.99	54.00	-14.01	AVG
7	1555.0000	48.83	-3.33	45.50	74.00	-28.50	Peak
8	1555.0000	38.88	-3.33	35.55	54.00	-18.45	AVG
9	1890.0000	46.85	-2.63	44.22	74.00	-29.78	Peak
10	1890.0000	37.51	-2.63	34.88	54.00	-19.12	AVG
11	2060.0000	46.28	-2.20	44.08	74.00	-29.92	Peak
12	2060.0000	38.32	-2.20	36.12	54.00	-17.88	AVG

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Handfree		
Note	Adapter		
Test Engineer	Pike Lee		

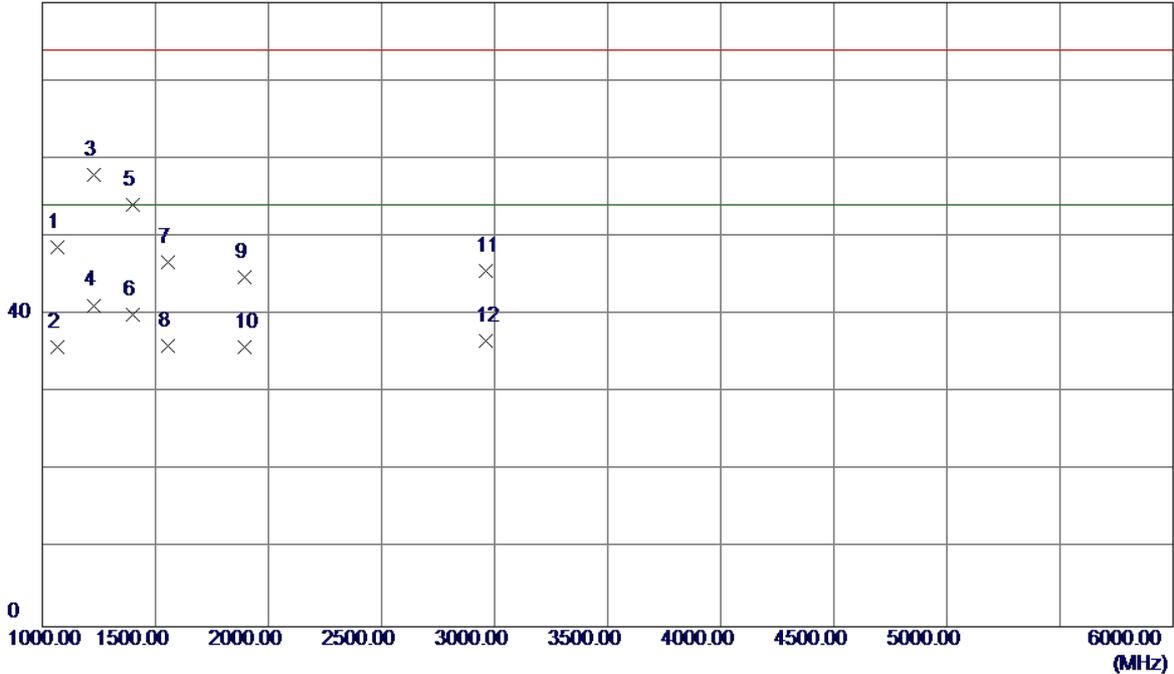
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1065.0000	53.24	-5.77	47.47	74.00	-26.53	Peak
2	1065.0000	42.01	-5.77	36.24	54.00	-17.76	AVG
3	1235.0000	58.40	-4.87	53.53	74.00	-20.47	Peak
4 *	1235.0000	44.77	-4.87	39.90	54.00	-14.10	AVG
5	1397.5000	56.14	-4.00	52.14	74.00	-21.86	Peak
6	1397.5000	41.97	-4.00	37.97	54.00	-16.03	AVG
7	1565.0000	50.33	-3.31	47.02	74.00	-26.98	Peak
8	1565.0000	39.53	-3.31	36.22	54.00	-17.78	AVG
9	1730.0000	49.49	-2.97	46.52	74.00	-27.48	Peak
10	1730.0000	40.40	-2.97	37.43	54.00	-16.57	AVG
11	2057.5000	48.15	-2.21	45.94	74.00	-28.06	Peak
12	2057.5000	38.29	-2.21	36.08	54.00	-17.92	AVG

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	PoE 48V	Polarization	Vertical
Test Mode	Handfree		
Note	POE		
Test Engineer	Pike Lee		

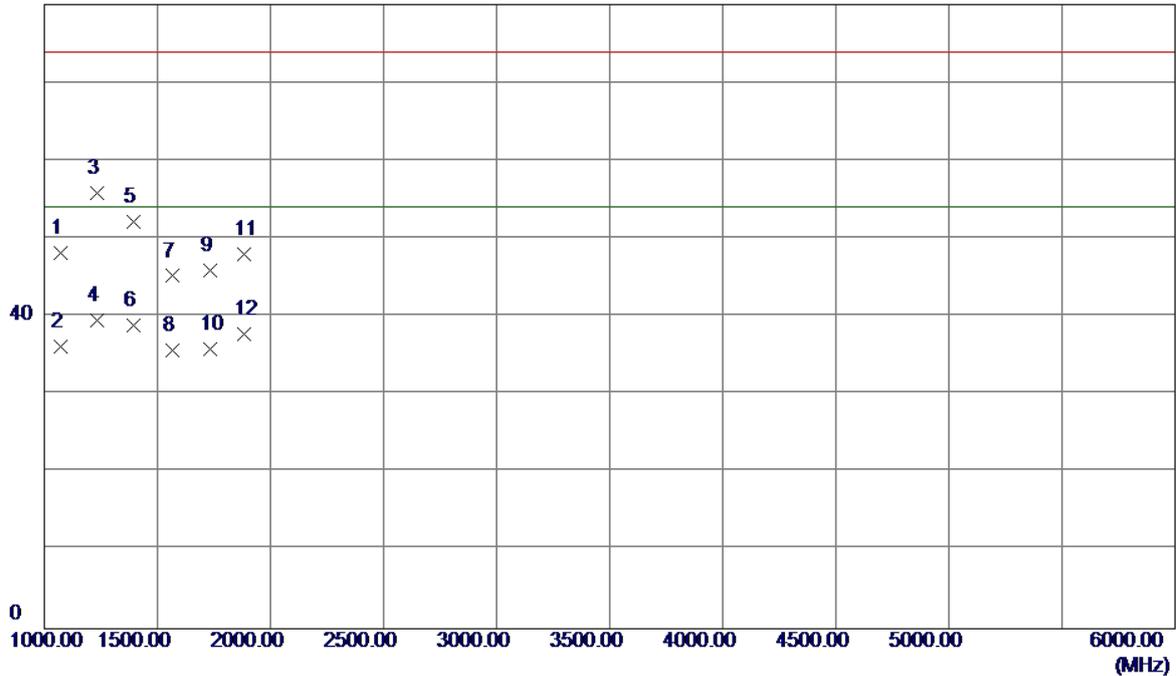
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1065.0000	54.34	-5.77	48.57	74.00	-25.43	Peak
2	1065.0000	41.55	-5.77	35.78	54.00	-18.22	AVG
3	1230.0000	62.84	-4.89	57.95	74.00	-16.05	Peak
4 *	1230.0000	46.09	-4.89	41.20	54.00	-12.80	AVG
5	1400.0000	58.04	-3.98	54.06	74.00	-19.94	Peak
6	1400.0000	44.02	-3.98	40.04	54.00	-13.96	AVG
7	1557.5000	50.06	-3.33	46.73	74.00	-27.27	Peak
8	1557.5000	39.39	-3.33	36.06	54.00	-17.94	AVG
9	1892.5000	47.44	-2.63	44.81	74.00	-29.19	Peak
10	1892.5000	38.51	-2.63	35.88	54.00	-18.12	AVG
11	2960.0000	44.66	0.94	45.60	74.00	-28.40	Peak
12	2960.0000	35.65	0.94	36.59	54.00	-17.41	AVG

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	PoE 48V	Polarization	Horizontal
Test Mode	Handfree		
Note	POE		
Test Engineer	Pike Lee		

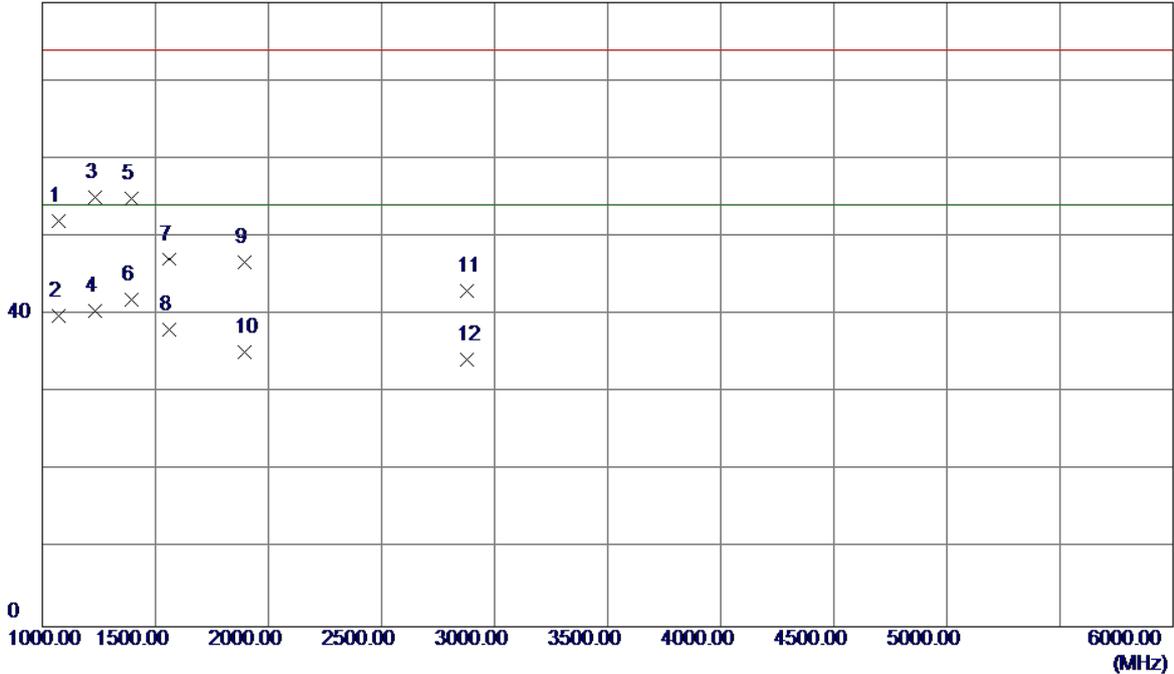
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1070.0000	53.85	-5.75	48.10	74.00	-25.90	Peak
2	1070.0000	41.91	-5.75	36.16	54.00	-17.84	AVG
3	1232.5000	60.77	-4.88	55.89	74.00	-18.11	Peak
4 *	1232.5000	44.34	-4.88	39.46	54.00	-14.54	AVG
5	1392.5000	56.22	-4.02	52.20	74.00	-21.80	Peak
6	1392.5000	42.97	-4.02	38.95	54.00	-15.05	AVG
7	1565.0000	48.51	-3.31	45.20	74.00	-28.80	Peak
8	1565.0000	38.95	-3.31	35.64	54.00	-18.36	AVG
9	1732.5000	48.83	-2.96	45.87	74.00	-28.13	Peak
10	1732.5000	38.76	-2.96	35.80	54.00	-18.20	AVG
11	1885.0000	50.63	-2.64	47.99	74.00	-26.01	Peak
12	1885.0000	40.46	-2.64	37.82	54.00	-16.18	AVG

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Handset		
Note	Adapter		
Test Engineer	Pike Lee		

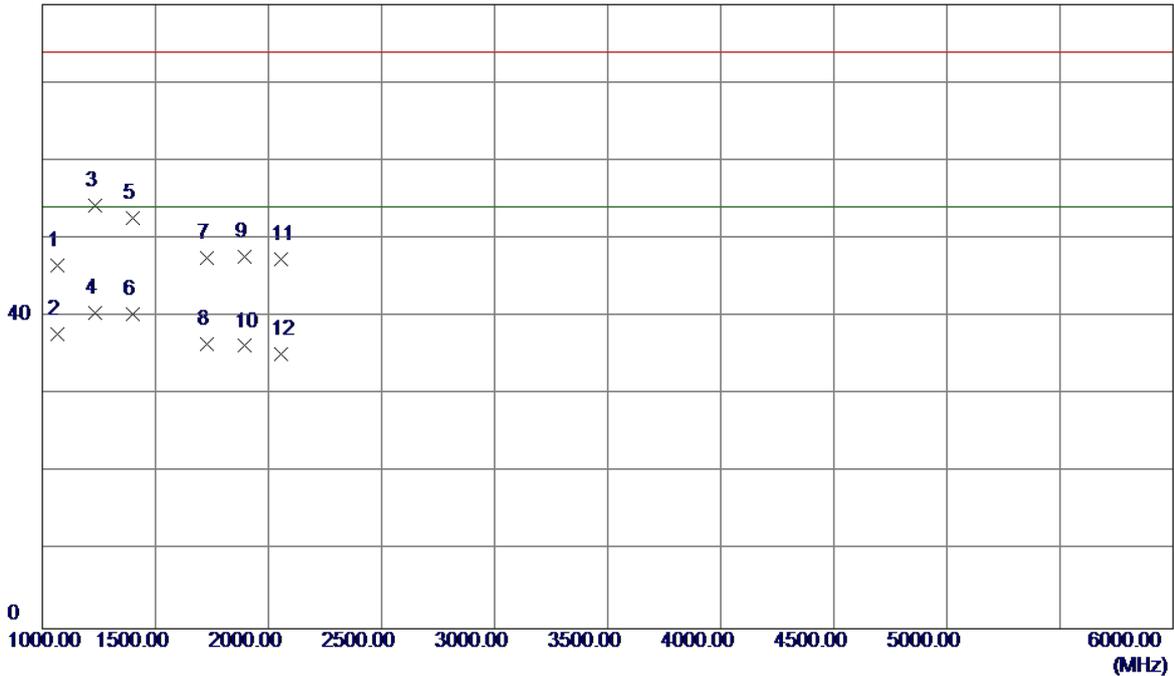
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1070.0000	57.82	-5.75	52.07	74.00	-21.93	Peak
2	1070.0000	45.56	-5.75	39.81	54.00	-14.19	AVG
3	1232.5000	59.89	-4.88	55.01	74.00	-18.99	Peak
4	1232.5000	45.34	-4.88	40.46	54.00	-13.54	AVG
5	1395.0000	58.83	-4.01	54.82	74.00	-19.18	Peak
6 *	1395.0000	45.93	-4.01	41.92	54.00	-12.08	AVG
7	1562.5000	50.44	-3.32	47.12	74.00	-26.88	Peak
8	1562.5000	41.43	-3.32	38.11	54.00	-15.89	AVG
9	1892.5000	49.42	-2.63	46.79	74.00	-27.21	Peak
10	1892.5000	37.82	-2.63	35.19	54.00	-18.81	AVG
11	2880.0000	42.43	0.65	43.08	74.00	-30.92	Peak
12	2880.0000	33.52	0.65	34.17	54.00	-19.83	AVG

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Handset		
Note	Adapter		
Test Engineer	Pike Lee		

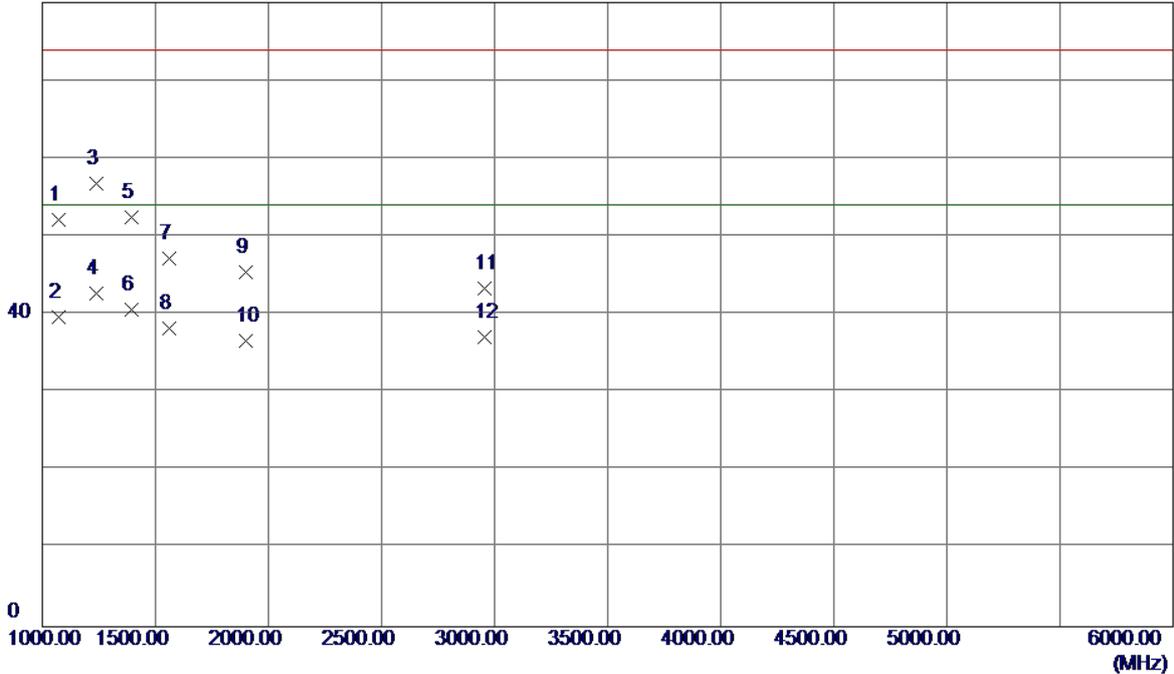
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1065.0000	52.32	-5.77	46.55	74.00	-27.45	Peak
2	1065.0000	43.48	-5.77	37.71	54.00	-16.29	AVG
3	1232.5000	59.09	-4.88	54.21	74.00	-19.79	Peak
4 *	1232.5000	45.29	-4.88	40.41	54.00	-13.59	AVG
5	1397.5000	56.61	-4.00	52.61	74.00	-21.39	Peak
6	1397.5000	44.36	-4.00	40.36	54.00	-13.64	AVG
7	1727.5000	50.49	-2.97	47.52	74.00	-26.48	Peak
8	1727.5000	39.39	-2.97	36.42	54.00	-17.58	AVG
9	1895.0000	50.25	-2.62	47.63	74.00	-26.37	Peak
10	1895.0000	38.86	-2.62	36.24	54.00	-17.76	AVG
11	2055.0000	49.55	-2.22	47.33	74.00	-26.67	Peak
12	2055.0000	37.48	-2.22	35.26	54.00	-18.74	AVG

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	PoE 48V	Polarization	Vertical
Test Mode	Handset		
Note	POE		
Test Engineer	Pike Lee		

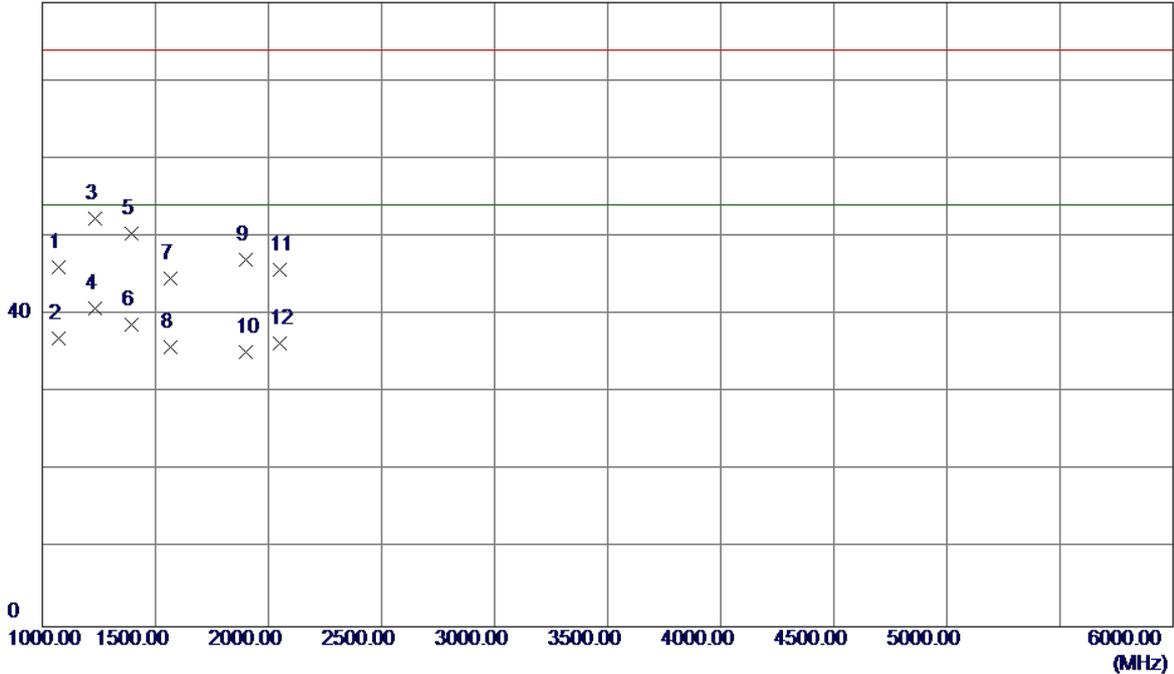
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1072.5000	57.91	-5.73	52.18	74.00	-21.82	Peak
2	1072.5000	45.46	-5.73	39.73	54.00	-14.27	AVG
3	1237.5000	61.60	-4.85	56.75	74.00	-17.25	Peak
4 *	1237.5000	47.53	-4.85	42.68	54.00	-11.32	AVG
5	1392.5000	56.52	-4.02	52.50	74.00	-21.50	Peak
6	1392.5000	44.66	-4.02	40.64	54.00	-13.36	AVG
7	1562.5000	50.51	-3.32	47.19	74.00	-26.81	Peak
8	1562.5000	41.61	-3.32	38.29	54.00	-15.71	AVG
9	1897.5000	48.01	-2.62	45.39	74.00	-28.61	Peak
10	1897.5000	39.23	-2.62	36.61	54.00	-17.39	AVG
11	2957.5000	42.48	0.93	43.41	74.00	-30.59	Peak
12	2957.5000	36.19	0.93	37.12	54.00	-16.88	AVG

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	PoE 48V	Polarization	Horizontal
Test Mode	Handset		
Note	POE		
Test Engineer	Pike Lee		

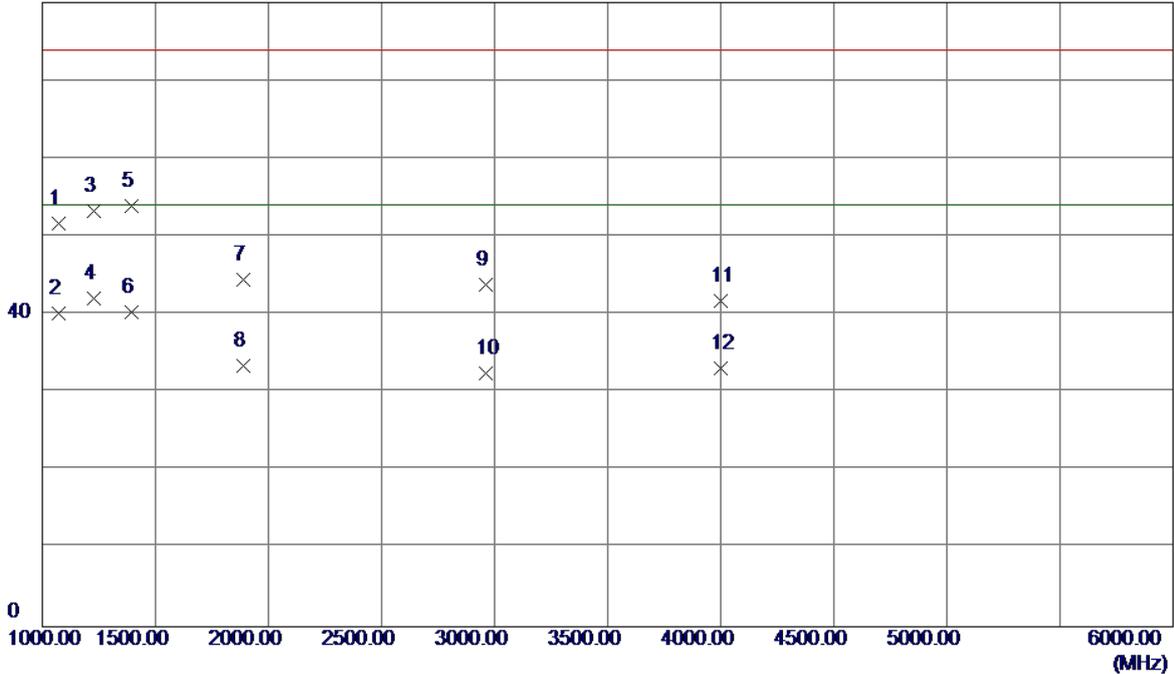
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1070.0000	51.84	-5.75	46.09	74.00	-27.91	Peak
2	1070.0000	42.64	-5.75	36.89	54.00	-17.11	AVG
3	1232.5000	57.22	-4.88	52.34	74.00	-21.66	Peak
4 *	1232.5000	45.70	-4.88	40.82	54.00	-13.18	AVG
5	1395.0000	54.46	-4.01	50.45	74.00	-23.55	Peak
6	1395.0000	42.68	-4.01	38.67	54.00	-15.33	AVG
7	1565.0000	47.97	-3.31	44.66	74.00	-29.34	Peak
8	1565.0000	39.17	-3.31	35.86	54.00	-18.14	AVG
9	1897.5000	49.69	-2.62	47.07	74.00	-26.93	Peak
10	1897.5000	37.80	-2.62	35.18	54.00	-18.82	AVG
11	2047.5000	47.94	-2.24	45.70	74.00	-28.30	Peak
12	2047.5000	38.62	-2.24	36.38	54.00	-17.62	AVG

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Polarization	Vertical
Test Mode	Earphone		
Note	Adapter		
Test Engineer	Pike Lee		

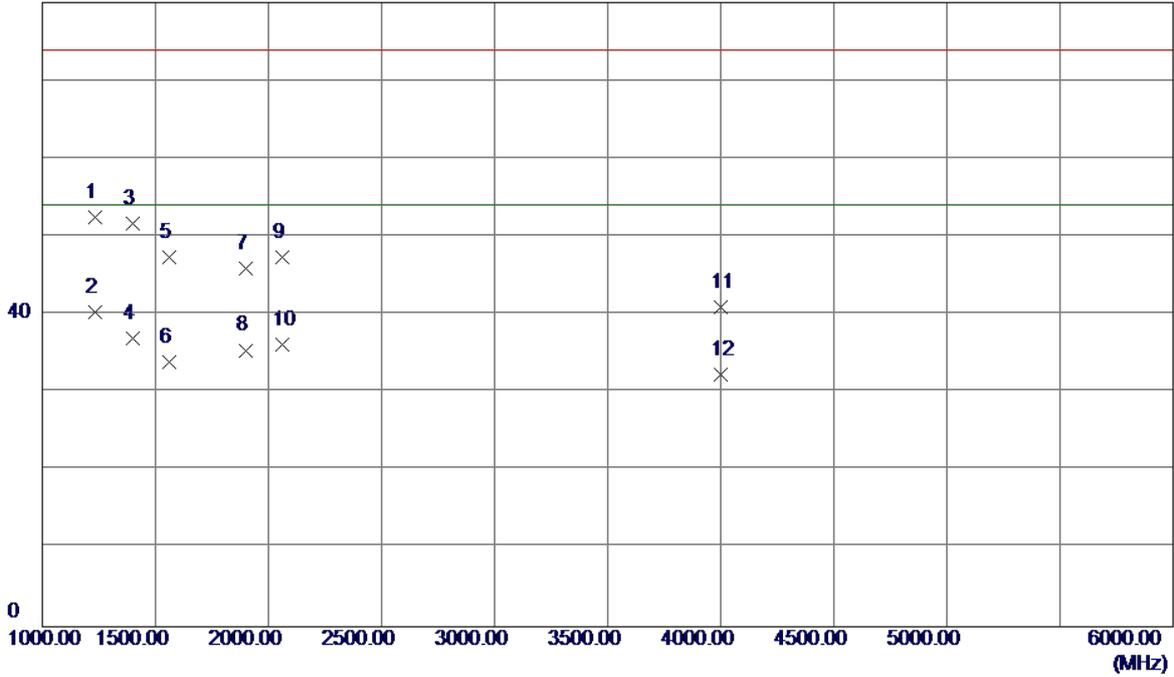
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1070.0000	57.37	-5.75	51.62	74.00	-22.38	Peak
2	1070.0000	45.85	-5.75	40.10	54.00	-13.90	AVG
3	1230.0000	58.13	-4.89	53.24	74.00	-20.76	Peak
4 *	1230.0000	46.93	-4.89	42.04	54.00	-11.96	AVG
5	1392.5000	57.96	-4.02	53.94	74.00	-20.06	Peak
6	1392.5000	44.37	-4.02	40.35	54.00	-13.65	AVG
7	1890.0000	47.08	-2.63	44.45	74.00	-29.55	Peak
8	1890.0000	36.12	-2.63	33.49	54.00	-20.51	AVG
9	2962.5000	42.86	0.95	43.81	74.00	-30.19	Peak
10	2962.5000	31.54	0.95	32.49	54.00	-21.51	AVG
11	4000.0000	39.28	2.49	41.77	74.00	-32.23	Peak
12	4000.0000	30.70	2.49	33.19	54.00	-20.81	AVG

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	AC 120V/60Hz	Polarization	Horizontal
Test Mode	Earphone		
Note	Adapter		
Test Engineer	Pike Lee		

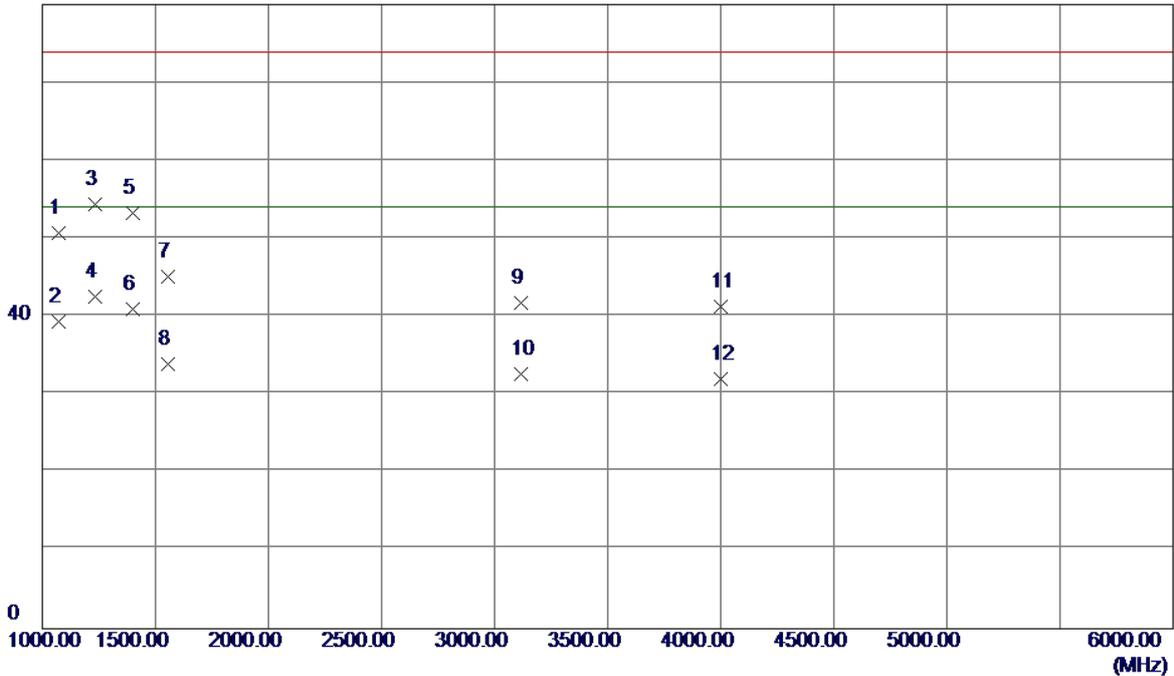
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1232.5000	57.39	-4.88	52.51	74.00	-21.49	Peak
2 *	1232.5000	45.25	-4.88	40.37	54.00	-13.63	AVG
3	1400.0000	55.62	-3.98	51.64	74.00	-22.36	Peak
4	1400.0000	40.94	-3.98	36.96	54.00	-17.04	AVG
5	1560.0000	50.62	-3.32	47.30	74.00	-26.70	Peak
6	1560.0000	37.21	-3.32	33.89	54.00	-20.11	AVG
7	1897.5000	48.54	-2.62	45.92	74.00	-28.08	Peak
8	1897.5000	38.06	-2.62	35.44	54.00	-18.56	AVG
9	2060.0000	49.56	-2.20	47.36	74.00	-26.64	Peak
10	2060.0000	38.43	-2.20	36.23	54.00	-17.77	AVG
11	4000.0000	38.42	2.49	40.91	74.00	-33.09	Peak
12	4000.0000	29.88	2.49	32.37	54.00	-21.63	AVG

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	PoE 48V	Polarization	Vertical
Test Mode	Earphone		
Note	POE		
Test Engineer	Pike Lee		

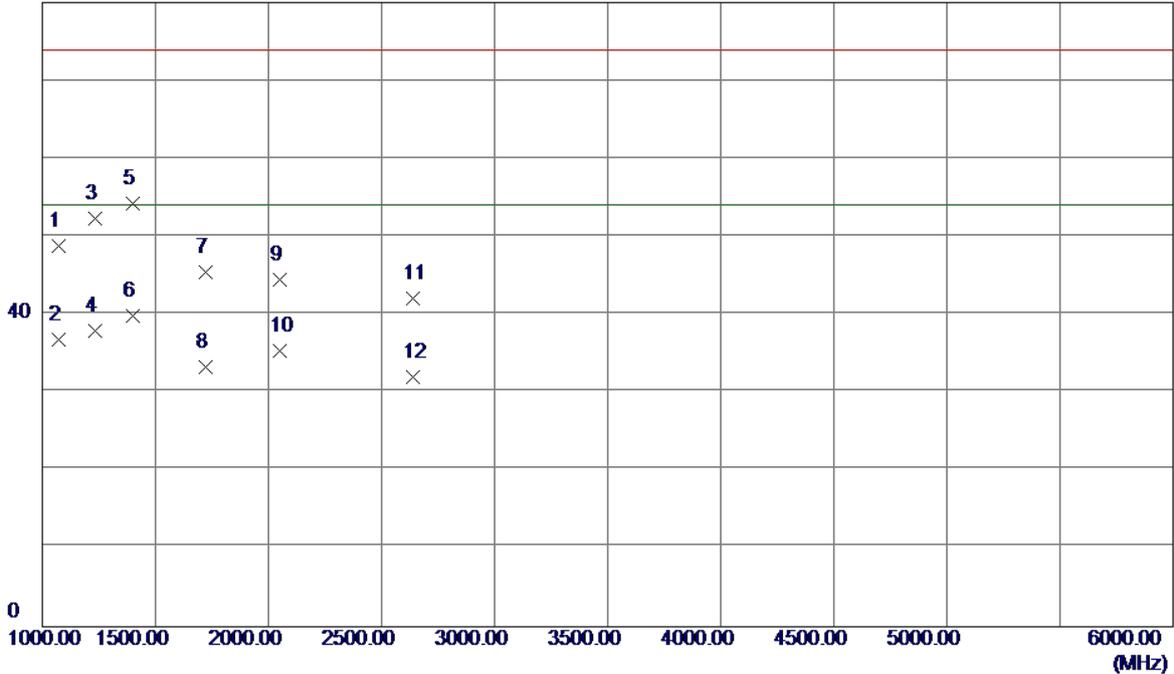
80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1070.0000	56.54	-5.75	50.79	74.00	-23.21	Peak
2	1070.0000	45.16	-5.75	39.41	54.00	-14.59	AVG
3	1232.5000	59.28	-4.88	54.40	74.00	-19.60	Peak
4 *	1232.5000	47.44	-4.88	42.56	54.00	-11.44	AVG
5	1397.5000	57.33	-4.00	53.33	74.00	-20.67	Peak
6	1397.5000	44.97	-4.00	40.97	54.00	-13.03	AVG
7	1555.0000	48.50	-3.33	45.17	74.00	-28.83	Peak
8	1555.0000	37.24	-3.33	33.91	54.00	-20.09	AVG
9	3117.5000	40.60	1.23	41.83	74.00	-32.17	Peak
10	3117.5000	31.40	1.23	32.63	54.00	-21.37	AVG
11	4000.0000	38.85	2.49	41.34	74.00	-32.66	Peak
12	4000.0000	29.45	2.49	31.94	54.00	-22.06	AVG

EUT	IP Phone	Model Name	F3P
Temperature	24°C	Relative Humidity	52%
Test Voltage	PoE 48V	Polarization	Horizontal
Test Mode	Earphone		
Note	POE		
Test Engineer	Pike Lee		

80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector
1	1070.0000	54.54	-5.75	48.79	74.00	-25.21	Peak
2	1070.0000	42.49	-5.75	36.74	54.00	-17.26	AVG
3	1232.5000	57.19	-4.88	52.31	74.00	-21.69	Peak
4	1232.5000	42.78	-4.88	37.90	54.00	-16.10	AVG
5	1400.0000	58.25	-3.98	54.27	74.00	-19.73	Peak
6 *	1400.0000	43.86	-3.98	39.88	54.00	-14.12	AVG
7	1720.0000	48.44	-2.99	45.45	74.00	-28.55	Peak
8	1720.0000	36.34	-2.99	33.35	54.00	-20.65	AVG
9	2050.0000	46.74	-2.23	44.51	74.00	-29.49	Peak
10	2050.0000	37.53	-2.23	35.30	54.00	-18.70	AVG
11	2637.5000	42.25	-0.24	42.01	74.00	-31.99	Peak
12	2637.5000	32.22	-0.24	31.98	54.00	-22.02	AVG