EMC TEST Report

FCC ID: UCBSWP36288CETS01

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

Issued Date : Sep. 11, 2006
Report No. : 0603C057
Equipment : SKYPE PHONE
Model No. : SWP-36288+1; SWP-36288

Applicant : Global Link Digital Technology Co., LTD
Address : Qibaoyiding Ind. Area Liuchongwei
Wangjiang Dongguan City Guangdong
Province 52301, China

Tested by:
Neutron Engineering Inc. EMC Laboratory
Data of Test:
May 15, 2006 ~ Sep. 03, 2006

Testing Engineer : Alan Liu for.
(James Chiu)

Technical Manager : Jeff Yang
(Jeff Yang)

Authorized Signatory : Andy Chiu
(Andy Chiu)

NEUTRON ENGINEERING INC.

No. 132-1, Lane 329, Sec. 2, Palain Rd.,
Shijr City, Taipei, Taiwan
TEL : (02) 2646-5426 FAX : (02) 2646-6815

NVLAP Lab Code: 200145-0 ilac-MRA TAF Testing Laboratory 0659

Declaration

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

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

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

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

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

Limitation

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

Table of Contents **Page**

1 . CERTIFICATION 6

2 . SUMMARY OF TEST RESULTS 7

2.1 TEST FACILITY 8

2.2 MEASUREMENT UNCERTAINTY 8

3 . GENERAL INFORMATION 9

3.1 GENERAL DESCRIPTION OF EUT 9

3.2 DESCRIPTION OF TEST MODES 10

3.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED 11

3.4 DESCRIPTION OF SUPPORT UNITS 12

4 . EMC EMISSION TEST 13

4.1 CONDUCTED EMISSION MEASUREMENT 13

4.1.1 POWER LINE CONDUCTED EMISSION LIMITS 13

4.1.2 MEASUREMENT INSTRUMENTS LIST 13

4.1.3 TEST PROCEDURE 14

4.1.4 DEVIATION FROM TEST STANDARD 14

4.1.5 TEST SETUP 14

4.1.6 EUT OPERATING CONDITIONS 15

4.1.7 TEST RESULTS 16

4.2 RADIATED EMISSION MEASUREMENT 22

4.2.1 RADIATED EMISSION LIMITS 22

4.2.2 MEASUREMENT INSTRUMENTS LIST 23

4.2.3 TEST PROCEDURE 23

4.2.4 DEVIATION FROM TEST STANDARD 23

4.2.5 TEST SETUP 24

4.2.6 EUT OPERATING CONDITIONS 24

4.2.7 TEST RESULTS (Between 30 – 1000 MHz) 25

4.2.8 TEST RESULTS (Above 1000 MHz) 43

4.2.9 TEST RESULTS (Restricted Bands Requirements) 61

5 . NUMBER OF HOPPING CHANNEL 65

5.1 APPLIED PROCEDURES / LIMIT 65

5.1.1 MEASUREMENT INSTRUMENTS LIST 65

5.1.2 TEST PROCEDURE 65

5.1.3 DEVIATION FROM STANDARD 65

5.1.4 TEST SETUP 65

5.1.5 EUT OPERATION CONDITIONS 65

5.1.6 TEST RESULTS 66

Table of Contents **Page**

6 . AVERAGE TIME OF OCCUPANCY 67

6.1 APPLIED PROCEDURES / LIMIT 67
6.1.1 MEASUREMENT INSTRUMENTS LIST 67
6.1.2 TEST PROCEDURE 67
6.1.3 DEVIATION FROM STANDARD 67
6.1.4 TEST SETUP 67
6.1.5 EUT OPERATION CONDITIONS 67
6.1.6 TEST RESULTS 68

7 . BANDWITH TEST 70

7.1 APPLIED PROCEDURES / LIMIT 70
7.1.1 MEASUREMENT INSTRUMENTS LIST 70
7.1.2 TEST PROCEDURE 70
7.1.3 DEVIATION FROM STANDARD 70
7.1.4 TEST SETUP 70
7.1.5 EUT OPERATION CONDITIONS 70
7.1.6 TEST RESULTS 71

8 . PEAK OUTPUT POWER TEST 73

8.1 APPLIED PROCEDURES / LIMIT 73
8.1.1 MEASUREMENT INSTRUMENTS LIST 73
8.1.2 TEST PROCEDURE 73
8.1.3 DEVIATION FROM STANDARD 73
8.1.4 TEST SETUP 73
8.1.5 EUT OPERATION CONDITIONS 73
8.1.6 TEST RESULTS 74

9 . ANTENNA CONDUCTED SPURIOUS EMISSION 76

9.1 APPLIED PROCEDURES / LIMIT 76
9.1.1 MEASUREMENT INSTRUMENTS LIST 76
9.1.2 TEST PROCEDURE 76
9.1.3 DEVIATION FROM STANDARD 76
9.1.4 TEST SETUP 76
9.1.5 EUT OPERATION CONDITIONS 76
9.1.6 TEST RESULTS 77

10 . POWER SPECTRAL DENSITY TEST 87

10.1 APPLIED PROCEDURES / LIMIT 87
10.1.1 MEASUREMENT INSTRUMENTS LIST 87
10.1.2 TEST PROCEDURE 87
10.1.3 DEVIATION FROM STANDARD 87
10.1.4 TEST SETUP 87
10.1.5 EUT OPERATION CONDITIONS 87

Table of Contents **Page**

10.1.6 TEST RESULTS 88

11 . RF EXPOSURE TEST 90

11.1 APPLIED PROCEDURES / LIMIT 90

11.1.1 MEASUREMENT INSTRUMENTS LIST 90

11.1.2 TEST RESULTS 91

12 . EUT TEST PHOTO 92

13 . PRODUCT LABELING 96

1. CERTIFICATION

Equipment:	SKYPE PHONE
Trade Name :	Jetime; Globalink
Model No.:	SWP-36288+1; SWP-36288
Applicant:	Global Link Digital Technology Co., LTD
Manufacturer :	Global Link Digital Technology Co., LTD Qibaoyiding Ind. Area Liuchongwei Wangjiang Dongguan City Guangdong Province 52301, China
Test Item:	ENGINEERING SAMPLE
Standards:	FCC Part15, Subpart C / RSS-210: 2004/ ANCI C63.4 : 2003

The above equipment has been tested and found compliance with the requirement of the relative standards by Neutron Engineering Inc. EMC Laboratory.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. NEI-FCCP-1-0603C057) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP and CNLA according to the ISO-17025 quality assessment standard and technical standard(s).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part15 (15.247) , Subpart C				
Section	**Test Item**	**Hybrid System**		**Result**
		DSSS	**FHSS**	
15.207	Conducted Emission	Applicable	Applicable	PASS
15.247 (c)	Antenna conducted Spurious Emission	Applicable	Applicable	PASS
15.247 (a)(1)	Hopping Channel Carrier Frequency Separated	N/A	Applicable	PASS
15.247 (a)(1)(ii)	Number of Hopping Channel	N/A	Applicable	PASS
15.247 (a)(1)(ii)	Average Time of Occupancy	N/A	Applicable	PASS
15.247 (a)(1)(ii)	20dB Bandwidth	N/A	N/A	N/A
15.247 (a)(2)	6dB Bandwidth	Applicable	N/A	PASS
15.247 (b)	Peak Output Power	Applicable	Applicable	PASS
15.247 (c)	Radiated Spurious Emission	Applicable	Applicable	PASS
15.247 (d)	Power Spectral Density	Applicable	N/A	PASS
15.203	Antenna Requirement	Applicable	Applicable	PASS
1.1307 1.1310 2.1091 2.1093	RF Exposure Compliance	Applicable	Applicable	PASS

NOTE:

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

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is **C01/OS02** at the location of No.132-1, Lane 329, Sec. 2, Palain Road, Shijr City, Taipei, Taiwan.

2.2 MEASUREMENT UNCERTAINTY

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

A. Conducted Measurement :

Test Site	Method	Measurement Frequency Range	U，(dB)	NOTE
C01	ANSI	150 KHz ~ 30MHz	1.94	

B. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	Ant. H / V	U，(dB)	NOTE
OS-01	ANSI	30MHz ~ 200MHz	V	3.82	
		30MHz ~ 200MHz	H	3.60	
		200MHz ~ 1,000MHz	V	3.86	
		200MHz ~ 1,000MHz	H	3.94	
OS-02	ANSI	30MHz ~ 200MHz	V	2.48	
		30MHz ~ 200MHz	H	2.16	
		200MHz ~ 1,000MHz	V	2.50	
		200MHz ~ 1,000MHz	H	2.66	

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	SKYPE PHONE
Trade Name	Jetime; Globalink
Model No.	SWP-36288+1; SWP-36288
OEM Brand/Model No.	N/A
Model Difference	Model SWP-36288 is identical to model SWP-36288+1 except the model designation.
Product Description	Operation Frequency: 2410.56 ~ 2452.032 MHz Number Of Channel: 25 CH Channel Spacing: 1.728MHz Antenna Type: Internal Ant. Antenna Gain: Max: -0.71 dBi Peak Output Power: 2.55 dBm (Max.) Effective Radiated Power: 1.84 dBm (Max.) The EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.
Power Source	DC Voltage supplied from battery.
Power Rating	DC 3.6V
Connecting I/O Port(s)	Please refer to the User's Manual

Note:

1. From above models, model: SWP-36288+1 was selected as a representative model for the final test and this test report only for handset device. The support equipment - Base Station and adapter isn't covered in this test report.
2. The EUT employ a combination of both frequency hopping and digital modulation techniques and the channel list as following:

Channel List

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2410.560	10	2426.112	19	2441.664
02	2412.288	11	2427.840	20	2443.392
03	2414.016	12	2429.568	21	2445.120
04	2415.744	13	2431.296	22	2446.848
05	2417.742	14	2433.024	23	2448.576
06	2419.200	15	2434.752	24	2450.304
07	2420.928	16	2436.480	25	2452.032
08	2422.656	17	2438.208		
09	2424.384	18	2439.936		

3.2 DESCRIPTION OF TEST MODES

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

Pretest Test Mode	Description
1	CH 01 / 2410.56(MHz)
2	CH 13 / 2431.296(MHz)
3	CH 25 / 2452.032(MHz)

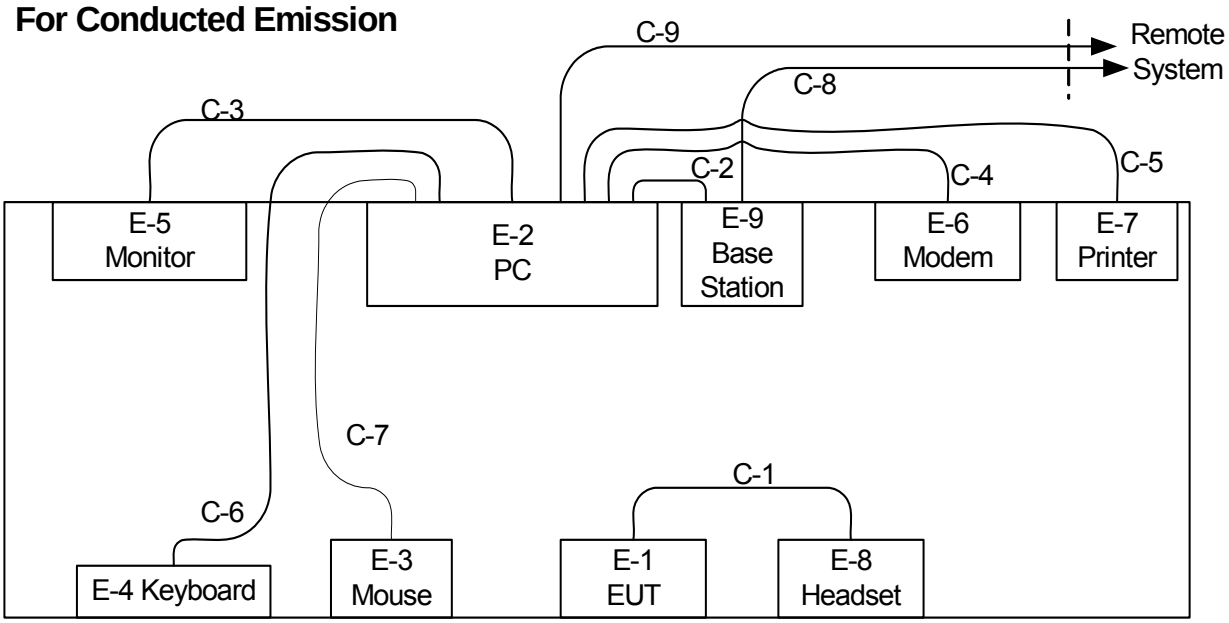
For Conducted / Radiated Test	
Final Test Mode	Description
1	CH 01 / 2410.56(MHz)
2	CH 13 / 2431.296(MHz)
3	CH 25 / 2452.032(MHz)

Note:

(1) The measurements are performed at the highest, middle, lowest available channels.

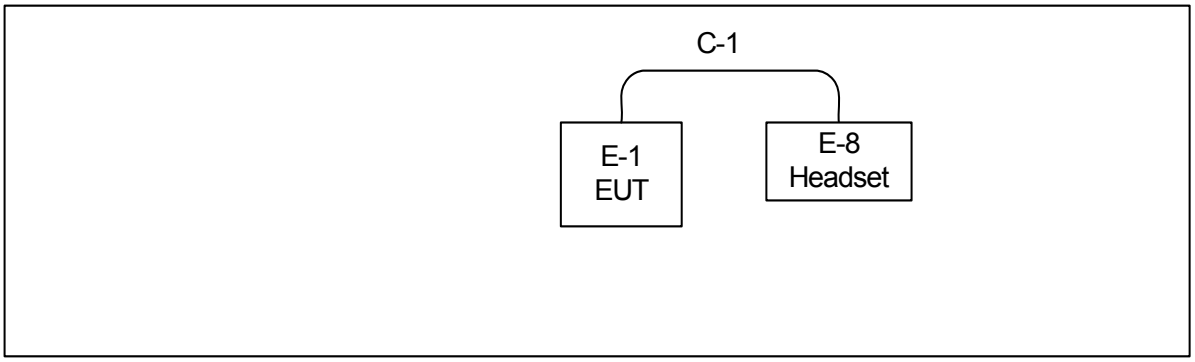
3.3 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

For Conducted Emission



C-1 Audio Cable
C-2 Data Cable
C-3 VGA Cable
C-4 Interface Cable
C-5 Centronics Cable
C-6 Data Cable
C-7 Data Cable
C-8 RJ-11 Cable
C-9 RJ-45 Cable

For Radiated Emission



3.4 DESCRIPTION OF SUPPORT UNITS

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

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.	Note
E-1	SKYPE PHONE	Globalink	SWP-36288+1	UCBSWD36288CETS01	N/A	EUT
E-2	PC	IBM	8196-I5V	DOC	99M1136	
E-3	PS/2 Mouse	Logitech	M-SBF69	DOC	HCA44601156	
E-4	PS/2 K/B	Logitech	Y-SJ17(ACK260A)	DOC	SYU44664880	
E-5	19”TFT LCD Monitor	Samsung	SyncMaster 193T	DOC	NB19HMEX101919K	
E-6	Modem	ACEEX	DM-1414V	DOC	8041708	
E-7	Printer	SII	DPU-414	DOC	1045105A	
E-8	Headset	N/A	Ergotech	N/A	N/A	
E-9	Base Station	Globalink	N/A	N/A	N/A	

Item	Shielded Type	Ferrite Core	Length	Note
C-1	NO	NO	1.8M	
C-2	YES	NO	1.8M	
C-3	YES	YES	1.8M	
C-4	YES	NO	1.5M	
C-5	YES	NO	1.8M	
C-6	YES	NO	1.8M	
C-7	YES	NO	1.8M	
C-8	NO	NO	20M	
C-9	YES	NO	20M	

Note:

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

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

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

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

Note:

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

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

4.1.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	Rolf Heine	NNB-2/16Z	98053	Dec. 19, 2006
2	4L-V-LISN	Rolf Heine	NNB-4/63TL	02/10040	Apr. 06, 2007
3	Pulse Limiter	Electro-Metrics	EM-7600	112644	Nov. 29, 2006
4	50Ω Terminator	N/A	N/A	N/A	May 11, 2007
5	Test Cable	N/A	C01	N/A	Nov. 29, 2006
6	EMI Test Receiver	R&S	ESCI	100082	Feb. 01, 2007

Remark: ” N/A” denotes No Model No. , Serial No. or No Calibration specified.

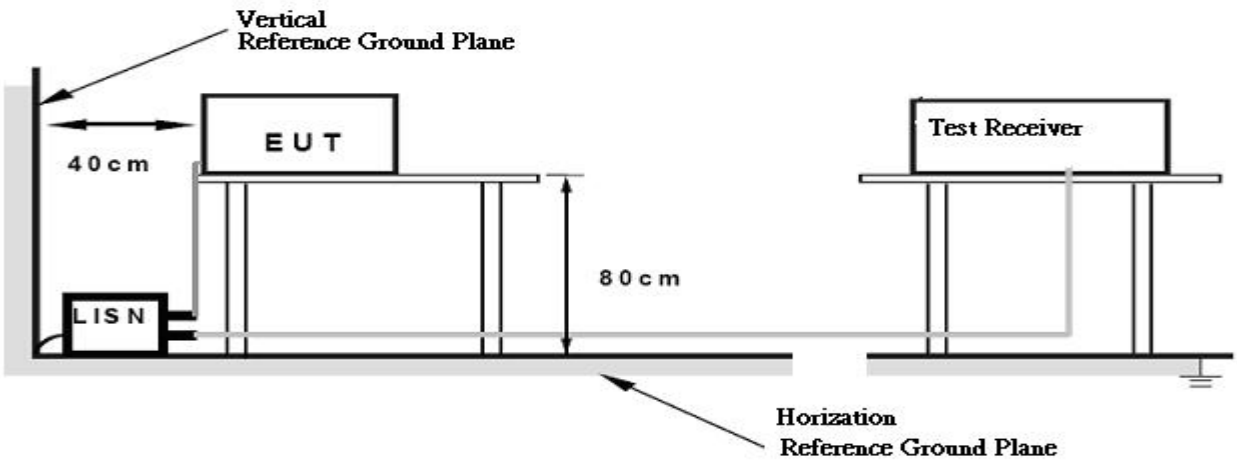
4.1.3 TEST PROCEDURE

a. The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
d. LISN at least 80 cm from nearest part of EUT chassis.
e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP



4.1.6 EUT OPERATING CONDITIONS

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

The hybrid systems are those that employ a combination of both frequency hopping and digital modulation techniques. The frequency hopping operation of the hybrid system, with the direct sequence or digital modulation operation turned off, shall have an average time of occupancy on any frequency not to exceed 0.4 seconds within a time period in seconds equal to the number of hopping frequencies employed multiplied by 0.4. The digital modulation operation of the hybrid system, with the frequency hopping operation turned off, shall comply with the power density requirements.

About RF device, it's programmed to continuously transmit & receive during test. This operating condition was tested and used to collect the included data.

4.1.7 TEST RESULTS

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	65 %
Pressure：	1003 hPa	Test Power ：	AC 120V/60Hz
Test Mode ：	CH 01 / 2410.56(MHz)		

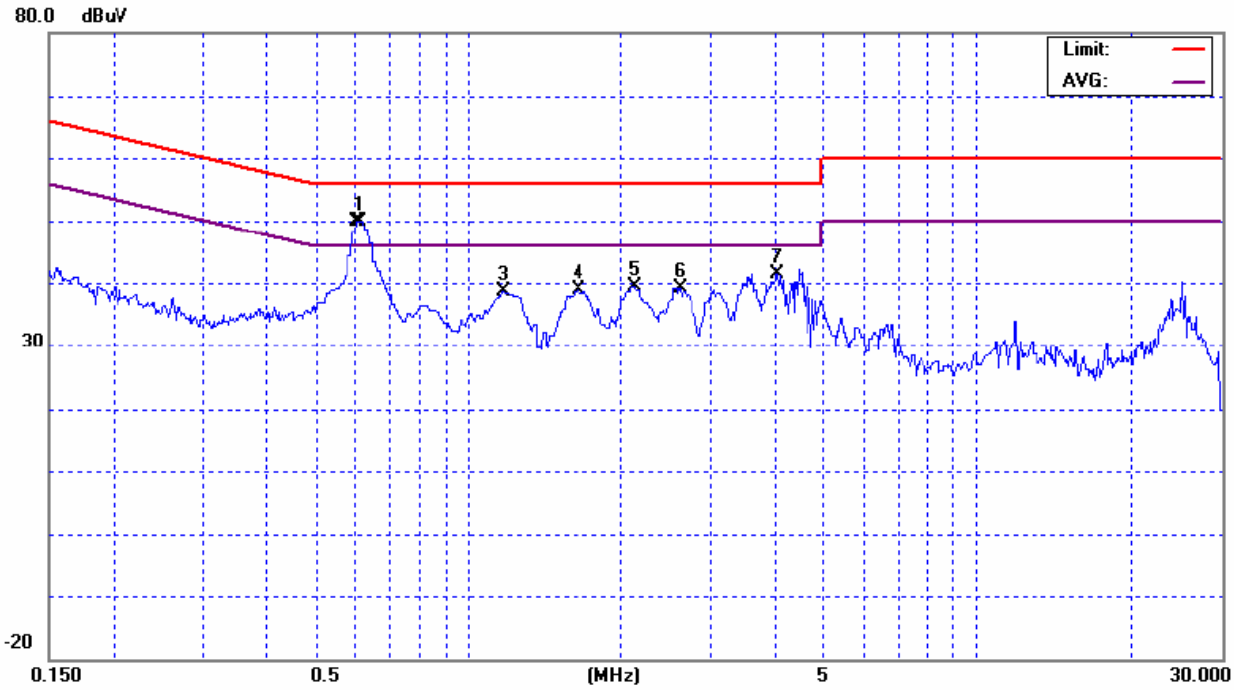
Freq. (MHz)	Terminal L/N	Measured(dBuV)		Limits(dBuV)		Margin (dB)	Note
		QP-Mode	AV-Mode	QP-Mode	AV-Mode		
0.61	Line	49.90	41.78	56.00	46.00	-4.22	(AV)
1.18	Line	38.71	*	56.00	46.00	-17.29	(QP)
1.65	Line	38.82	*	56.00	46.00	-17.18	(QP)
2.13	Line	39.37	*	56.00	46.00	-16.63	(QP)
2.60	Line	39.16	*	56.00	46.00	-16.84	(QP)
4.03	Line	41.47	*	56.00	46.00	-14.53	(QP)

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=1MHz,VBW=10Hz, 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。

(3) Measuring frequency range from 150KHz to 30MHz。



EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	65 %
Pressure：	1003 hPa	Test Power ：	AC 120V/60Hz
Test Mode ：	CH 01 / 2410.56(MHz)		

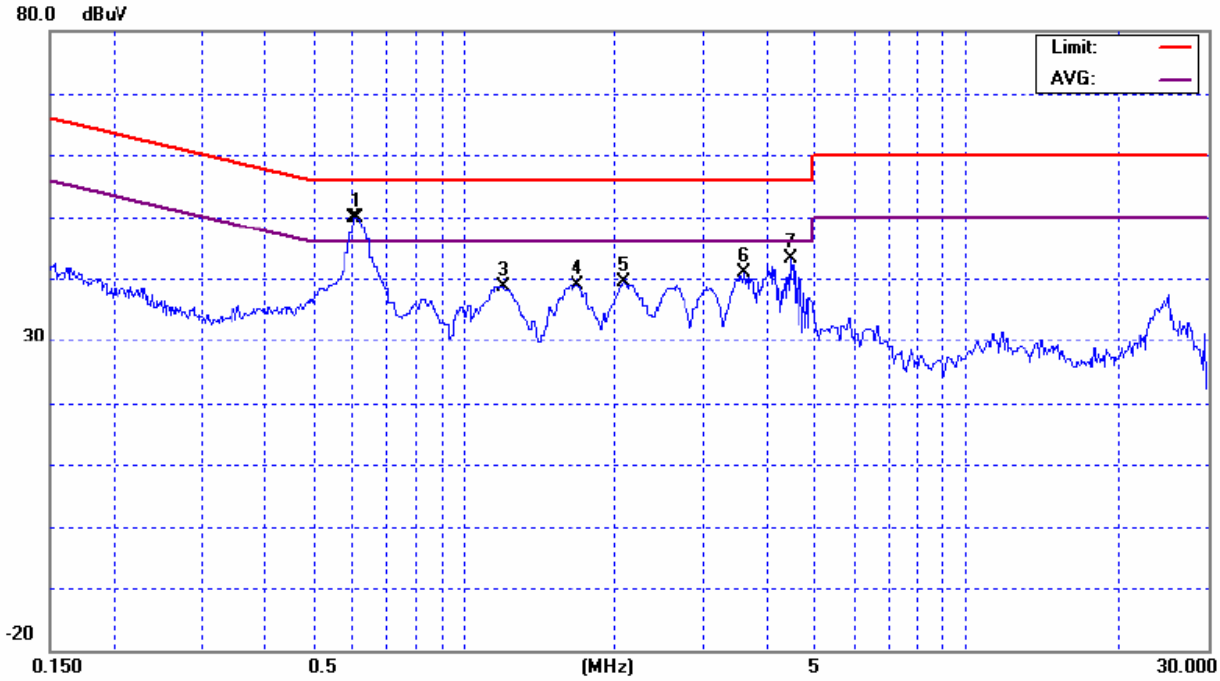
Freq. (MHz)	Terminal L/N	Measured(dBuV)		Limits(dBuV)		Margin (dB)	Note
		QP-Mode	AV-Mode	QP-Mode	AV-Mode		
0.61	Neutral	49.98	42.34	56.00	46.00	-3.66	(AV)
1.20	Neutral	38.66	*	56.00	46.00	-17.34	(QP)
1.68	Neutral	38.85	*	56.00	46.00	-17.15	(QP)
2.09	Neutral	39.35	*	56.00	46.00	-16.65	(QP)
3.62	Neutral	40.76	*	56.00	46.00	-15.24	(QP)
4.45	Neutral	43.02	*	56.00	46.00	-12.98	(QP)

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=1MHz,VBW=10Hz, 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。

(3) Measuring frequency range from 150KHz to 30MHz。



EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	65 %
Pressure：	1003 hPa	Test Power ：	AC 120V/60Hz
Test Mode ：	CH 13 / 2431.296(MHz)		

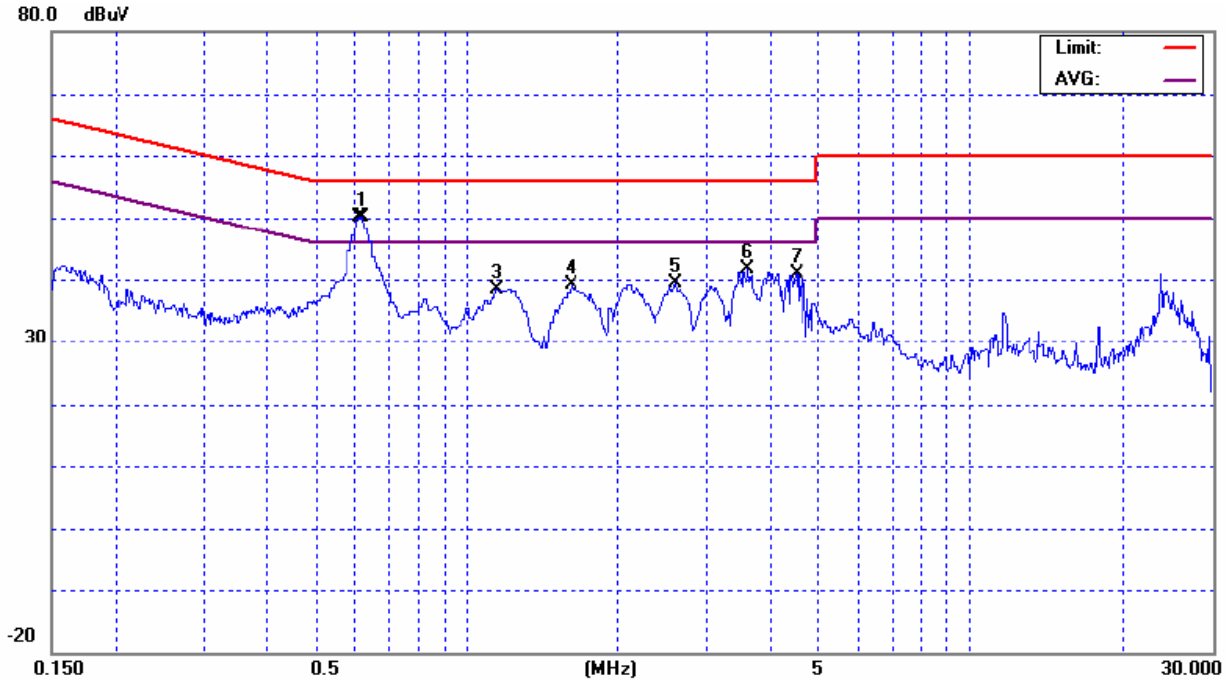
Freq. (MHz)	Terminal L/N	Measured(dBuV)		Limits(dBuV)		Margin (dB)	Note
		QP-Mode	AV-Mode	QP-Mode	AV-Mode		
0.62	Line	50.09	41.93	56.00	46.00	-4.07	(AV)
1.21	Line	38.50	*	56.00	46.00	-17.50	(QP)
1.65	Line	38.73	*	56.00	46.00	-17.27	(QP)
2.59	Line	39.01	*	56.00	46.00	-16.99	(QP)
4.45	Line	42.16	*	56.00	46.00	-13.84	(QP)
25.38	Line	38.17	*	60.00	50.00	-21.83	(QP)

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=1MHz,VBW=10Hz, 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。

(3) Measuring frequency range from 150KHz to 30MHz。



EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	65 %
Pressure：	1003 hPa	Test Power ：	AC 120V/60Hz
Test Mode ：	CH 13 / 2431.296(MHz)		

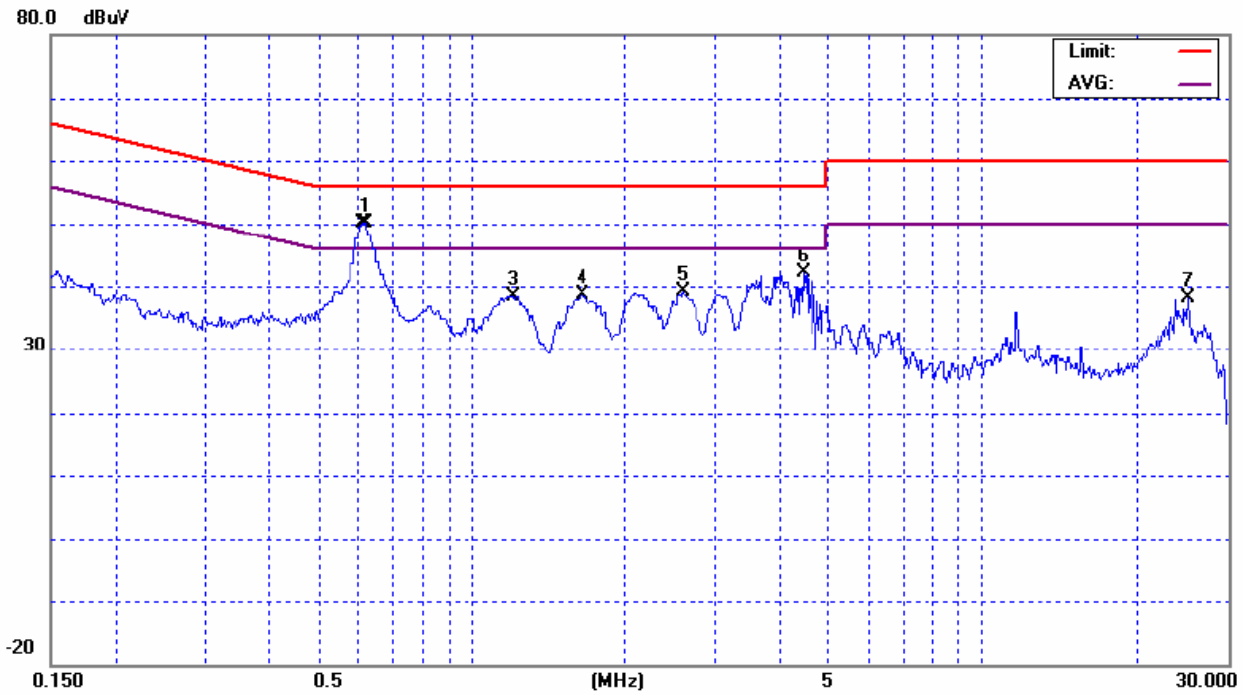
Freq. (MHz)	Terminal L/N	Measured(dBuV)		Limits(dBuV)		Margin (dB)	Note
		QP-Mode	AV-Mode	QP-Mode	AV-Mode		
0.62	Neutral	50.16	42.02	56.00	46.00	-3.98	(AV)
1.15	Neutral	38.44	*	56.00	46.00	-17.56	(QP)
1.61	Neutral	39.11	*	56.00	46.00	-16.89	(QP)
2.59	Neutral	39.26	*	56.00	46.00	-16.74	(QP)
3.62	Neutral	41.73	*	56.00	46.00	-14.27	(QP)
4.51	Neutral	40.96	*	56.00	46.00	-15.04	(QP)

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=1MHz,VBW=10Hz, 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。

(3) Measuring frequency range from 150KHz to 30MHz。



EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	65 %
Pressure：	1003 hPa	Test Power ：	AC 120V/60Hz
Test Mode ：	CH 25 / 2452.032(MHz)		

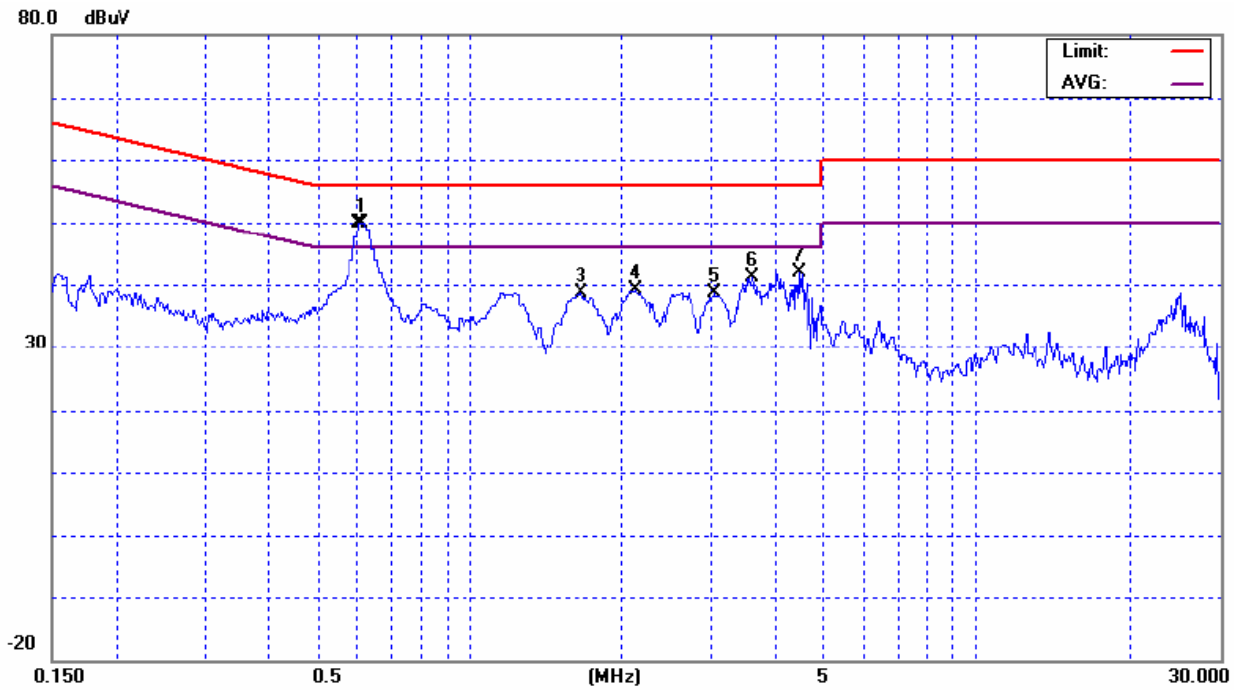
Freq. (MHz)	Terminal L/N	Measured(dBuV)		Limits(dBuV)		Margin (dB)	Note
		QP-Mode	AV-Mode	QP-Mode	AV-Mode		
0.61	Line	50.00	42.53	56.00	46.00	-3.47	(AV)
1.66	Line	38.54	*	56.00	46.00	-17.46	(QP)
2.13	Line	39.06	*	56.00	46.00	-16.94	(QP)
3.05	Line	38.72	*	56.00	46.00	-17.28	(QP)
3.61	Line	41.18	*	56.00	46.00	-14.82	(QP)
4.45	Line	41.84	*	56.00	46.00	-14.16	(QP)

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=1MHz,VBW=10Hz, 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。

(3) Measuring frequency range from 150KHz to 30MHz。



EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	65 %
Pressure：	1003 hPa	Test Power ：	AC 120V/60Hz
Test Mode ：	CH 25 / 2452.032(MHz)		

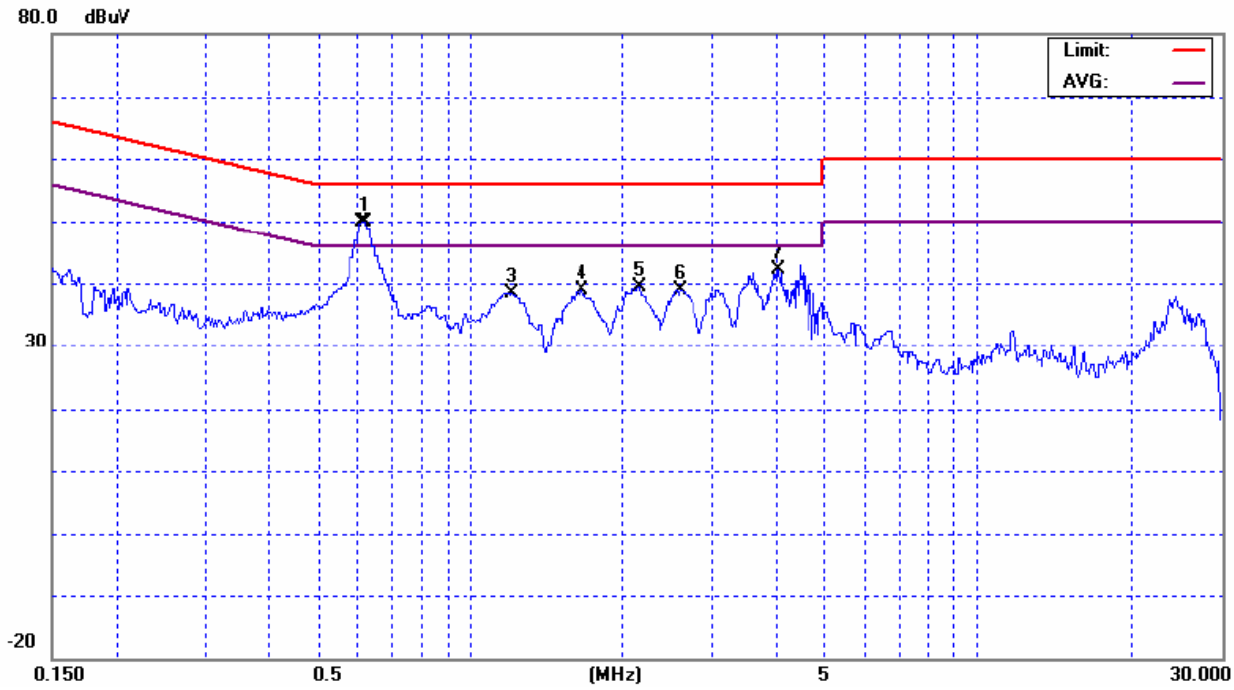
Freq. (MHz)	Terminal L/N	Measured(dBuV)		Limits(dBuV)		Margin (dB)	Note
		QP-Mode	AV-Mode	QP-Mode	AV-Mode		
0.62	Neutral	49.85	41.78	56.00	46.00	-4.22	(AV)
1.21	Neutral	38.50	*	56.00	46.00	-17.50	(QP)
1.66	Neutral	38.78	*	56.00	46.00	-17.22	(QP)
2.15	Neutral	39.48	*	56.00	46.00	-16.52	(QP)
2.59	Neutral	38.97	*	56.00	46.00	-17.03	(QP)
4.03	Neutral	42.02	*	56.00	46.00	-13.98	(QP)

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=1MHz,VBW=10Hz, 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。

(3) Measuring frequency range from 150KHz to 30MHz。



4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS (Frequency Range 30MHz-1000MHz)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)		Standard
	10m	30m	10m	3m	
30.00 -230.00	40.00	30.00	30.00	40.00	CISPR
230.0 -1000.0	47.00	37.00	37.00	47.00	CISPR
30.00 - 88.00	39.00	N/A	30.00	40.00	FCC
88.00 - 216.0	43.50	N/A	33.50	43.50	FCC
216.0 -960.0	46.00	N/A	36.00	46.00	FCC
above 960.0	49.50	N/A	46.00	54.00	FCC

Note:

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

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

(3) A measuring distance 0f 10m is a primary used. However, either 3m or 10m (instead of 10m) distance my be allowed. If the distance is 3m, add 10dB to the QP-limit above. If the distance is 10m, subtract 10dB from the QP-limit above.

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

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

Notes:

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

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

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

FREQUENCY RANGE OF RADIATED MEASUREMENT (For unintentional radiators)

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

4.2.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Log-Bicon Antenna	MESS-ELEKTRONIK	VULB 9160	3177	Feb. 06, 2007
2	Test Cable	N/A	10M_OS02	N/A	Nov. 29, 2006
3	Test Cable	N/A	OS02-1/-2/-3	N/A	Nov. 29, 2006
4	Pre-Amplifier	Anritsu	MH648A	M09961	Nov. 29, 2006
5	EMI Test Receiver	R&S	ESCI	100082	Feb. 01, 2007
6	Antenna Mast	Chance Most	CMTB-1.5	N/A	N/A
7	Turn Table	Chance Most	CMTB-1.5	N/A	N/A

Remark: ” N/A” denotes No Model No. / Serial No. and No Calibration specified.

4.2.3 TEST PROCEDURE

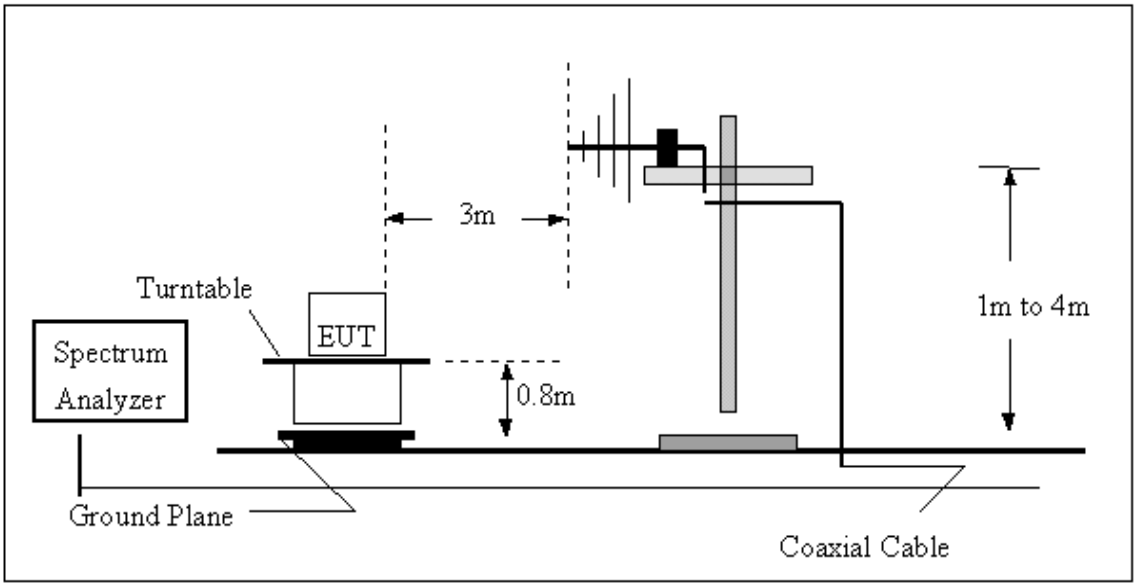
a. The measuring distance of at 10 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3m or 10 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.4 DEVIATION FROM TEST STANDARD

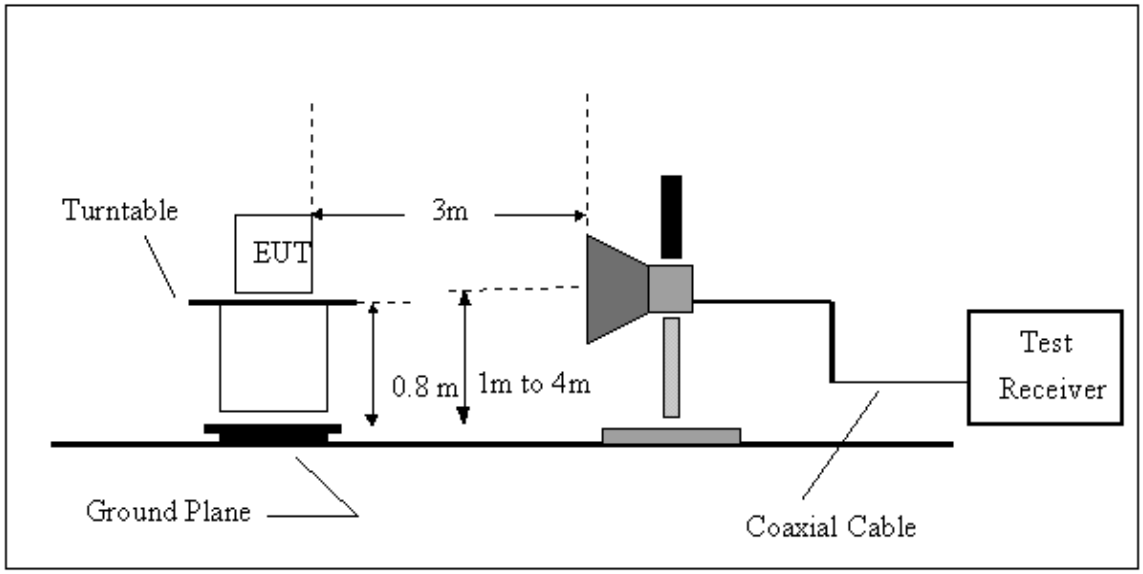
No deviation

4.2.5 TEST SETUP

(A) Radiated Emission Test Set-Up, Frequency Below 1000MHz



(B) Radiated Emission Test Set-UP Frequency Over 1 GHz



4.2.6 EUT OPERATING CONDITIONS

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

4.2.7 TEST RESULTS **(Between 30 – 1000 MHz)**

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	26 ℃	Relative Humidity：	52 %
Pressure：	1003 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 01 / 2410.56(MHz)	EUT Orthogonal Axes：	X

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
32.43	V	43.60	-8.87	34.73	40.00	- 5.27	(QP)
78.50	V	40.77	-10.04	30.73	40.00	- 9.27	
151.25	V	33.89	-6.21	27.68	43.50	- 15.82	
289.48	V	47.82	-4.42	43.40	46.00	- 2.60	
481.05	V	35.36	0.02	35.38	46.00	- 10.62	
527.13	V	33.79	1.04	34.83	46.00	- 11.17	

Remark：

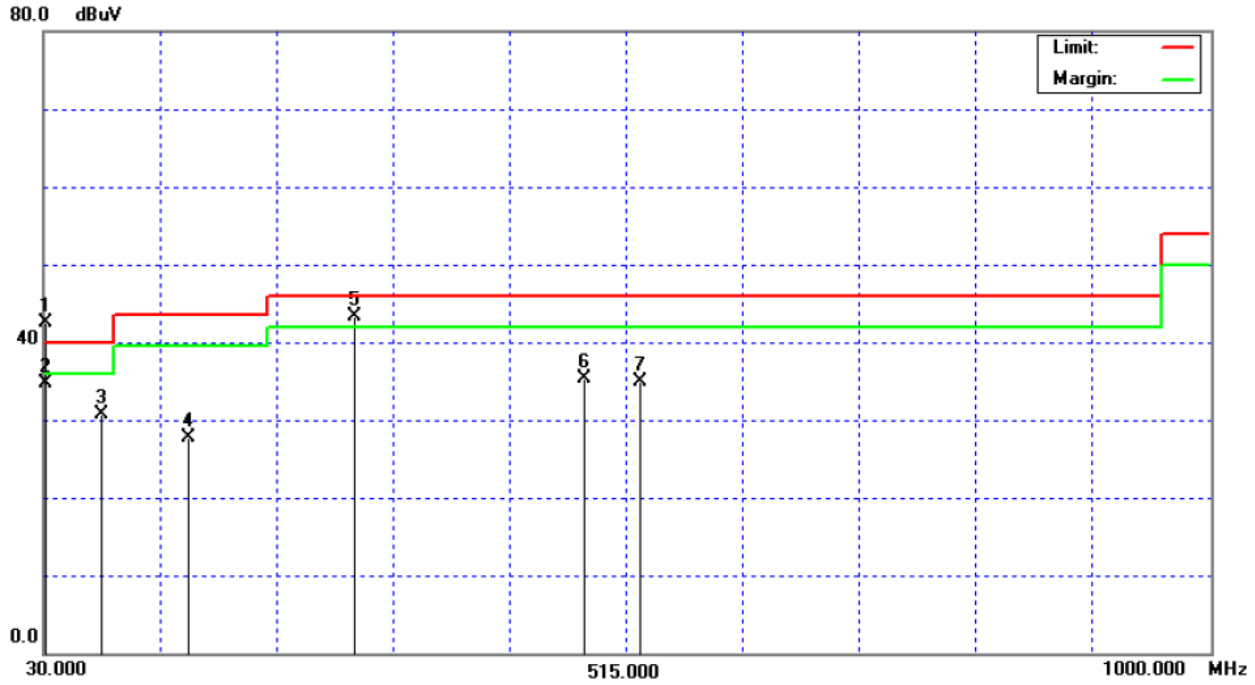
(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

(4) Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Peak detector mode or QP detector mode of the emission 。

(5) 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.



EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	26 ℃	Relative Humidity：	52 %
Pressure：	1003 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 01 / 2410.56(MHz)	EUT Orthogonal Axes：	X

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
37.28	H	34.96	-8.00	26.96	40.00	- 13.04	
78.50	H	38.27	-10.04	28.23	40.00	- 11.77	
194.90	H	37.46	-8.11	29.35	43.50	- 14.15	
289.47	H	44.92	-4.42	40.50	46.00	- 5.50	
333.13	H	44.35	-3.49	40.86	46.00	- 5.14	
505.30	H	34.92	0.52	35.44	46.00	- 10.56	

Remark：

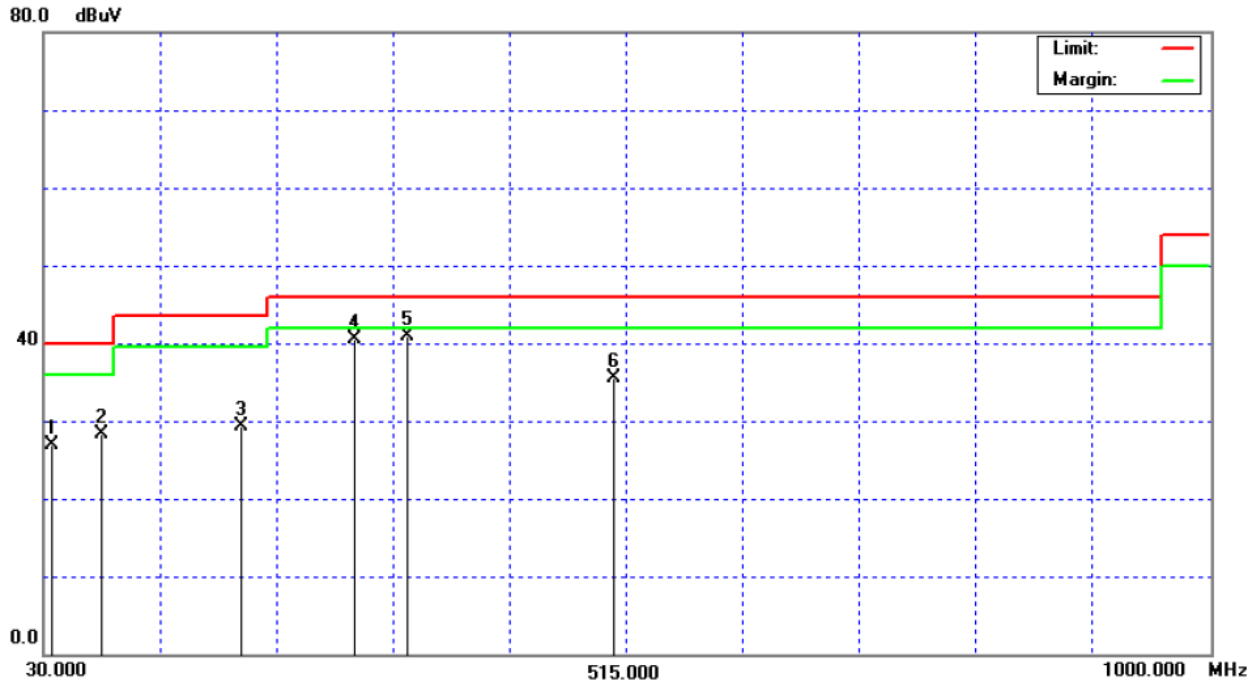
(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

(4) Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Peak detector mode or QP detector mode of the emission 。

(5) 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.



EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	26 ℃	Relative Humidity：	52 %
Pressure：	1003 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 01 / 2410.56(MHz)	EUT Orthogonal Axes：	Y

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
32.42	V	40.40	-8.87	31.53	40.00	- 8.47	
78.34	V	37.98	-10.01	27.97	40.00	- 12.03	
151.25	V	35.40	-6.21	29.19	43.50	- 14.31	
289.47	V	44.70	-4.42	40.28	46.00	- 5.72	
481.11	V	32.81	0.02	32.83	46.00	- 13.17	
527.13	V	35.77	1.04	36.81	46.00	- 9.19	

Remark：

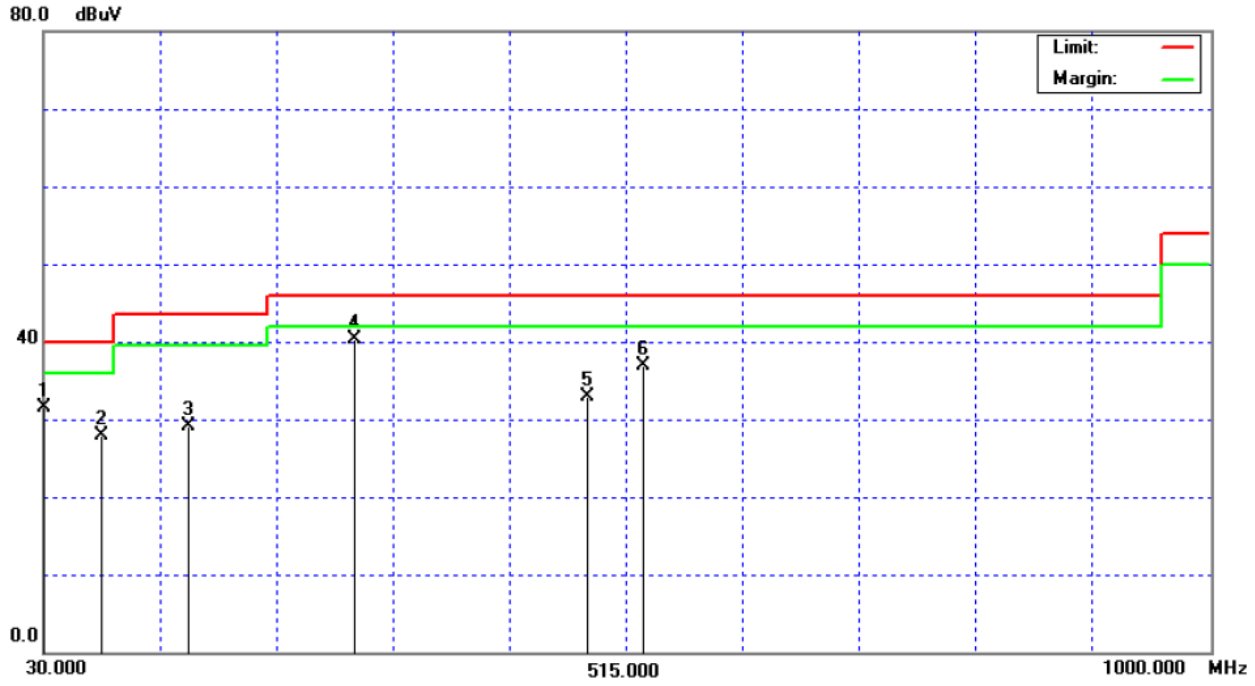
(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

(4) Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Peak detector mode or QP detector mode of the emission 。

(5) 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.



EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	26 ℃	Relative Humidity：	52 %
Pressure：	1003 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 01 / 2410.56(MHz)	EUT Orthogonal Axes：	Y

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
37.34	H	36.00	-7.98	28.02	40.00	- 11.98	
76.40	H	35.11	-9.67	25.44	40.00	- 14.56	
195.44	H	35.89	-8.13	27.76	43.50	- 15.74	
289.48	H	44.15	-4.42	39.73	46.00	- 6.27	
333.13	H	40.90	-3.49	37.41	46.00	- 8.59	
509.50	H	32.00	0.62	32.62	46.00	- 13.38	

Remark：

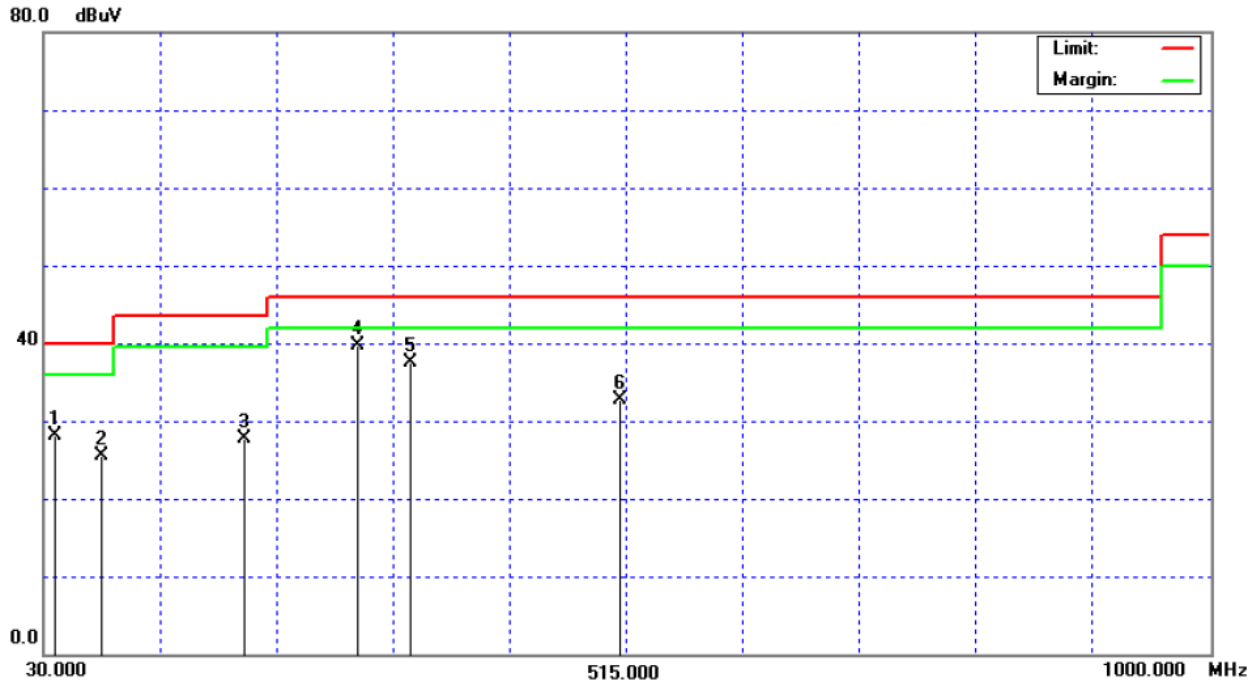
(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

(4) Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Peak detector mode or QP detector mode of the emission 。

(5) 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.



EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	26 ℃	Relative Humidity：	52 %
Pressure：	1003 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 01 / 2410.56(MHz)	EUT Orthogonal Axes：	Z

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
33.10	V	40.40	-8.79	31.61	40.00	- 8.39	
76.99	V	42.40	-9.77	32.63	40.00	- 7.37	
151.40	V	35.14	-6.20	28.94	43.50	- 14.56	
289.43	V	44.40	-4.42	39.98	46.00	- 6.02	
481.24	V	34.80	0.02	34.82	46.00	- 11.18	
527.20	V	34.76	1.04	35.80	46.00	- 10.20	

Remark：

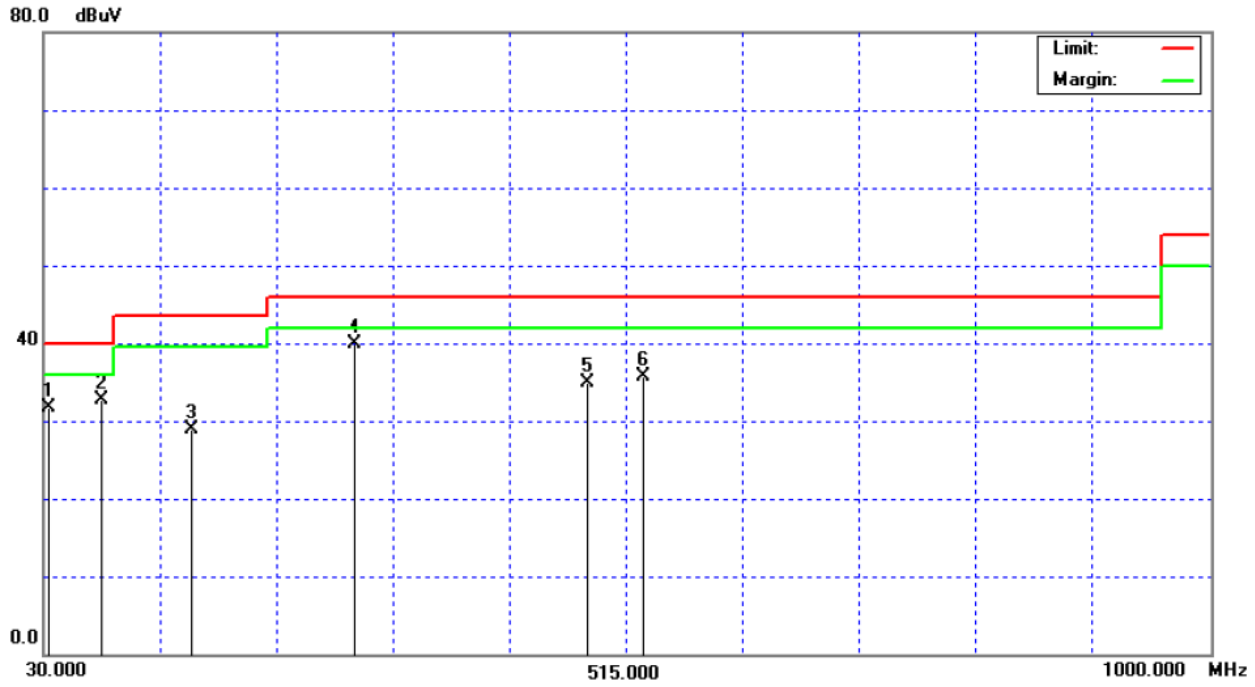
(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

(4) Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Peak detector mode or QP detector mode of the emission 。

(5) 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.



EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	26 ℃	Relative Humidity：	52 %
Pressure：	1003 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 01 / 2410.56(MHz)	EUT Orthogonal Axes：	Z

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
37.80	H	37.45	-7.87	29.58	40.00	- 10.42	
78.55	H	39.67	-10.05	29.62	40.00	- 10.38	
194.96	H	33.95	-8.11	25.84	43.50	- 17.66	
289.47	H	40.08	-4.42	35.66	46.00	- 10.34	
332.85	H	42.70	-3.49	39.21	46.00	- 6.79	
505.50	H	32.00	0.52	32.52	46.00	- 13.48	

Remark：

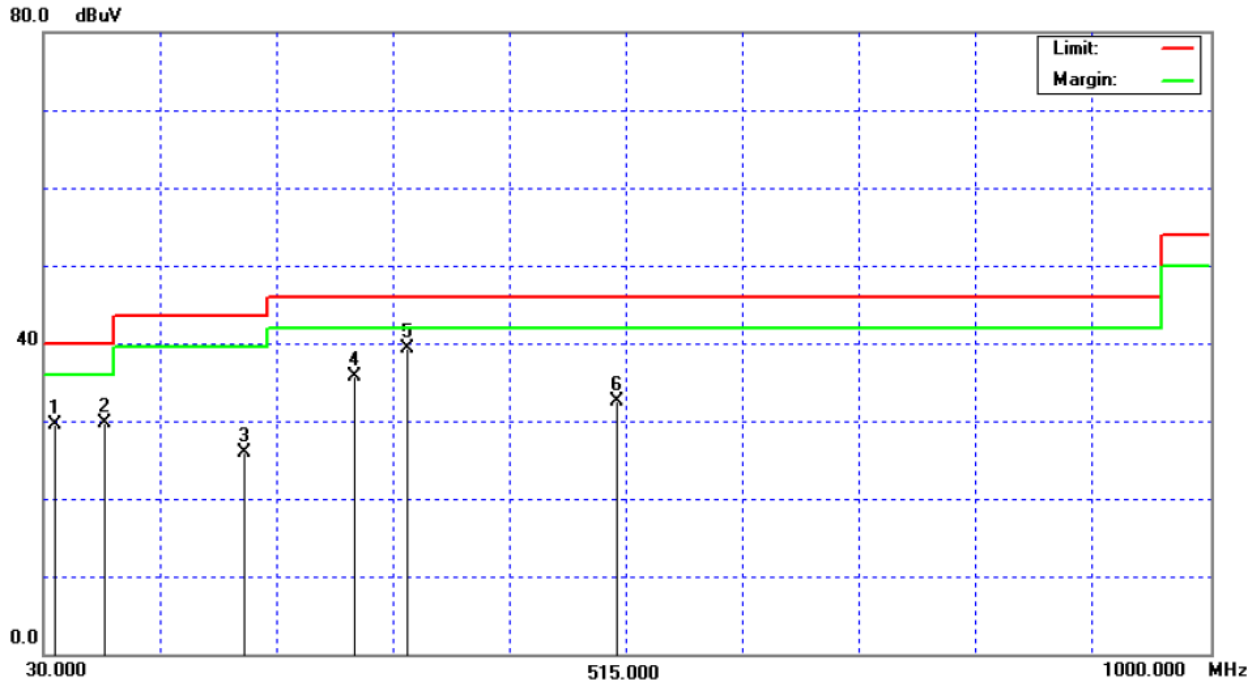
(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

(4) Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Peak detector mode or QP detector mode of the emission 。

(5) 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.



EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	26 ℃	Relative Humidity：	52 %
Pressure：	1003 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 13 / 2431.296(MHz)	EUT Orthogonal Axes：	X

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
32.43	V	46.13	-8.87	37.26	40.00	- 2.74	(QP)
78.50	V	41.31	-10.04	31.27	40.00	- 8.73	
143.98	V	36.89	-6.47	30.42	43.50	- 13.08	
289.48	V	43.60	-4.42	39.18	46.00	- 6.82	
335.55	V	42.96	-3.46	39.50	46.00	- 6.50	
517.43	V	34.65	0.81	35.46	46.00	- 10.54	

Remark：

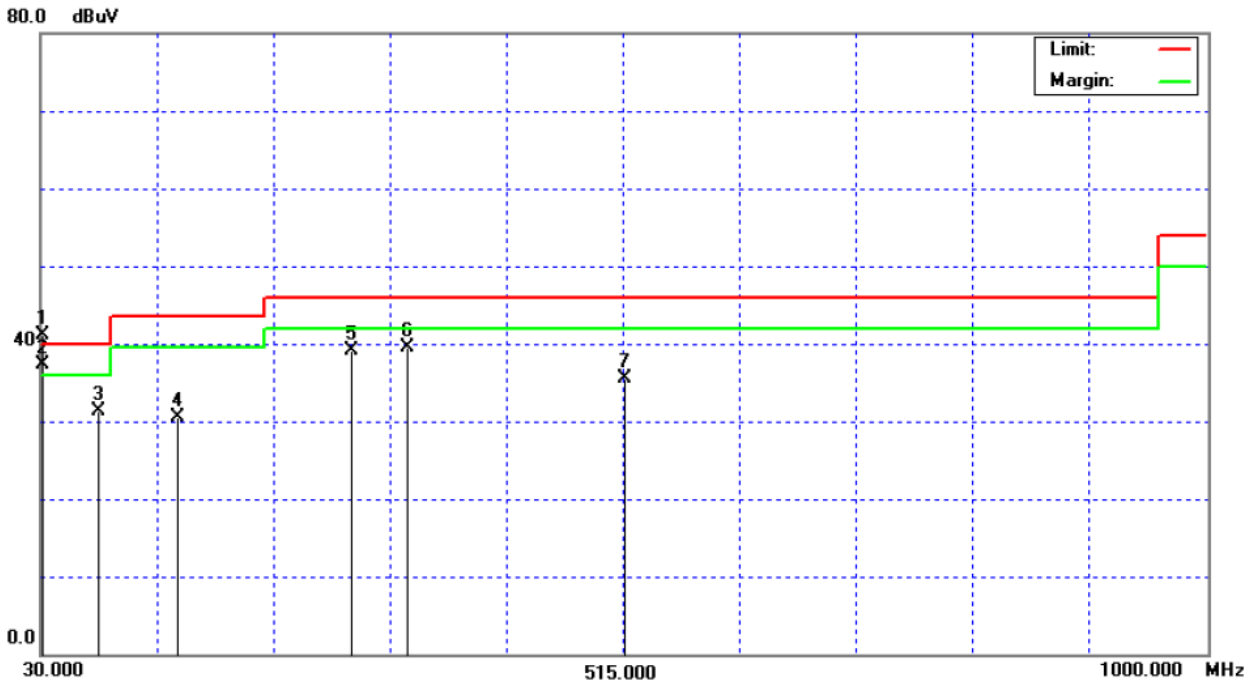
(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

(4) Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Peak detector mode or QP detector mode of the emission 。

(5) 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.



EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	26 ℃	Relative Humidity：	52 %
Pressure：	1003 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 13 / 2431.296(MHz)	EUT Orthogonal Axes：	X

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
80.93	H	38.27	-10.41	27.86	40.00	- 12.14	
143.98	H	35.44	-6.47	28.97	43.50	- 14.53	
335.55	H	46.65	-3.46	43.19	46.00	- 2.81	
529.55	H	37.23	1.10	38.33	46.00	- 7.67	
563.50	H	38.72	2.05	40.77	46.00	- 5.23	
677.48	H	35.75	4.87	40.62	46.00	- 5.38	

Remark：

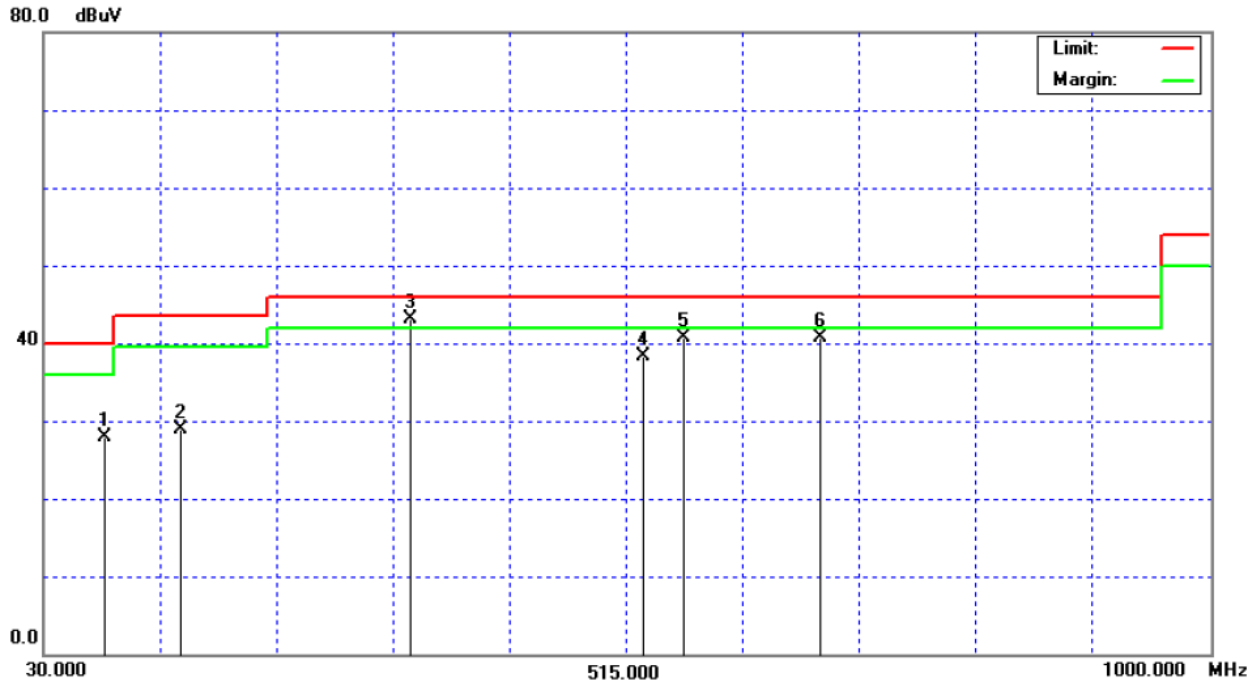
(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

(4) Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Peak detector mode or QP detector mode of the emission 。

(5) 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.



EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	26 ℃	Relative Humidity：	52 %
Pressure：	1003 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 13 / 2431.296(MHz)	EUT Orthogonal Axes：	Y

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
33.14	V	42.87	-8.78	34.09	40.00	- 5.91	
76.71	V	38.09	-9.72	28.37	40.00	- 11.63	
143.77	V	39.04	-6.48	32.56	43.50	- 10.94	
289.54	V	40.99	-4.42	36.57	46.00	- 9.43	
335.51	V	41.16	-3.46	37.70	46.00	- 8.30	
516.89	V	35.00	0.80	35.80	46.00	- 10.20	

Remark：

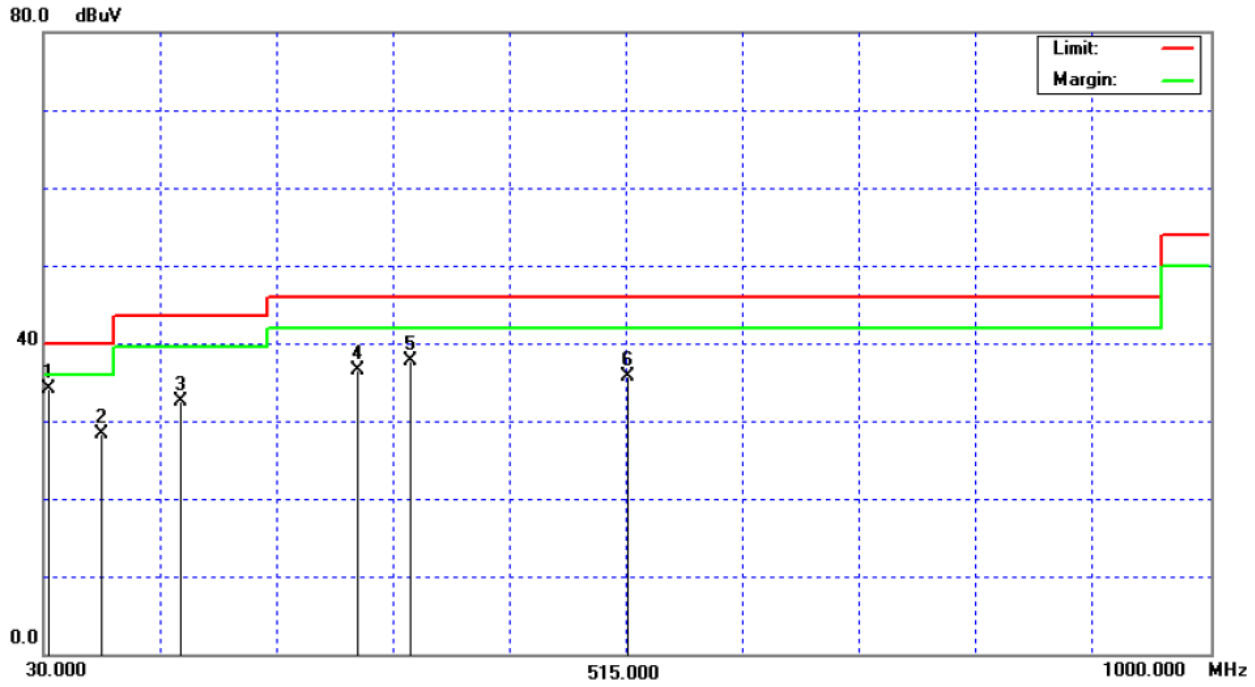
(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

(4) Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Peak detector mode or QP detector mode of the emission 。

(5) 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.



EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	26 ℃	Relative Humidity：	52 %
Pressure：	1003 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 13 / 2431.296(MHz)	EUT Orthogonal Axes：	Y

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
66.52	H	33.13	-8.13	25.00	40.00	- 15.00	
143.94	H	38.50	-6.47	32.03	43.50	- 11.47	
336.00	H	40.43	-3.45	36.98	46.00	- 9.02	
529.90	H	37.84	1.11	38.95	46.00	- 7.05	
562.54	H	30.66	2.02	32.68	46.00	- 13.32	
677.35	H	31.83	4.87	36.70	46.00	- 9.30	

Remark：

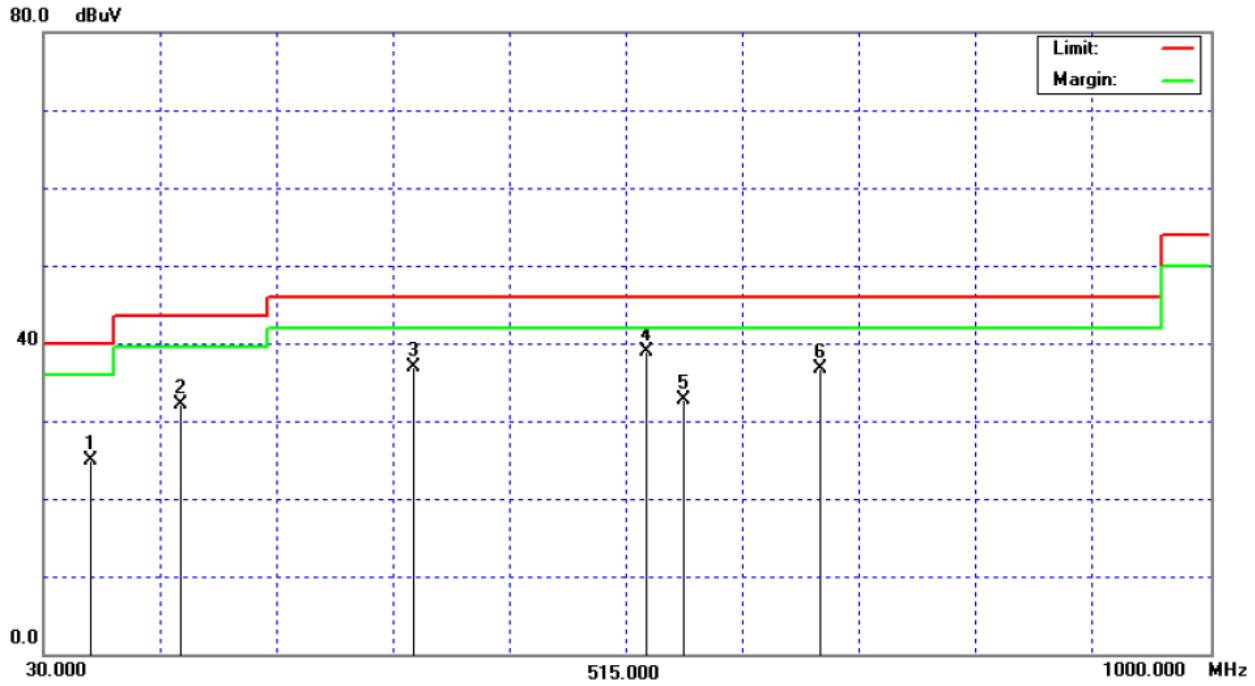
(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

(4) Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Peak detector mode or QP detector mode of the emission 。

(5) 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.



EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	26 ℃	Relative Humidity：	52 %
Pressure：	1003 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 13 / 2431.296(MHz)	EUT Orthogonal Axes：	Z

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
32.33	V	42.20	-8.88	33.32	40.00	- 6.68	
78.09	V	38.50	-9.97	28.53	40.00	- 11.47	
143.77	V	36.07	-6.48	29.59	43.50	- 13.91	
289.49	V	41.76	-4.42	37.34	46.00	- 8.66	
335.09	V	38.88	-3.47	35.41	46.00	- 10.59	
517.60	V	31.05	0.81	31.86	46.00	- 14.14	

Remark：

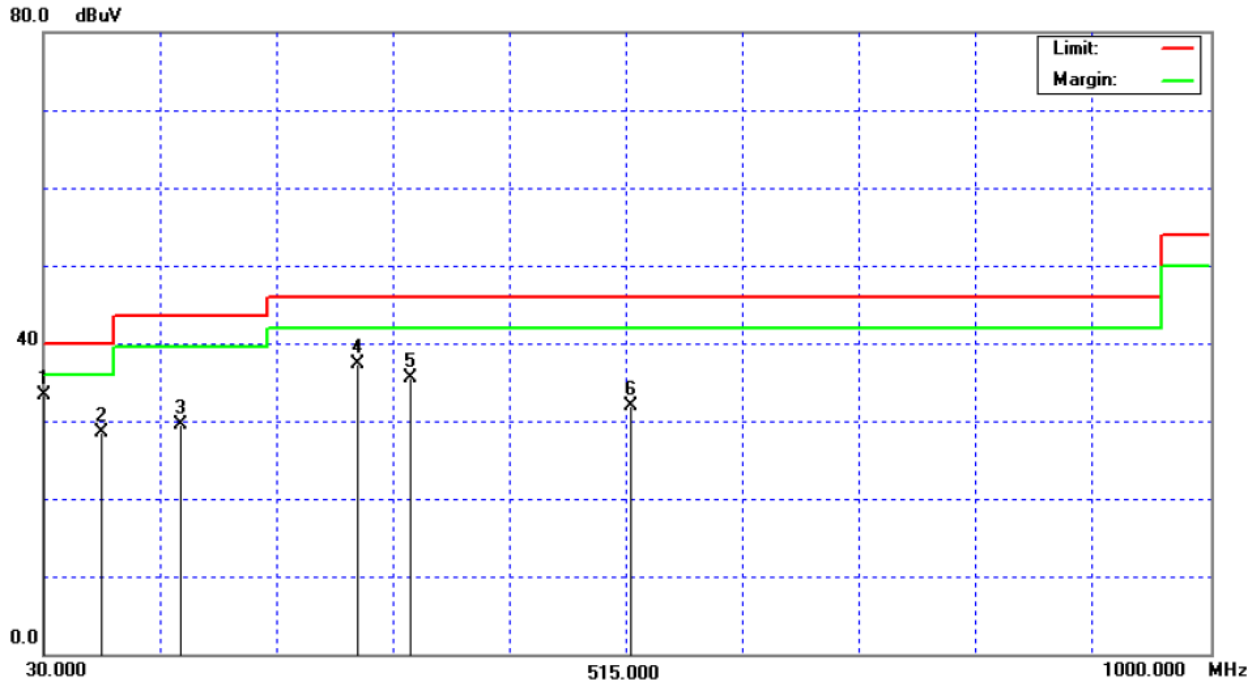
(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

(4) Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Peak detector mode or QP detector mode of the emission 。

(5) 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.



EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	26 ℃	Relative Humidity：	52 %
Pressure：	1003 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 13 / 2431.296(MHz)	EUT Orthogonal Axes：	Z

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
79.99	H	39.67	-10.27	29.40	40.00	- 10.60	
143.86	H	38.00	-6.47	31.53	43.50	- 11.97	
335.41	H	42.54	-3.46	39.08	46.00	- 6.92	
529.51	H	34.40	1.10	35.50	46.00	- 10.50	
563.52	H	37.49	2.05	39.54	46.00	- 6.46	
677.08	H	31.18	4.86	36.04	46.00	- 9.96	

Remark：

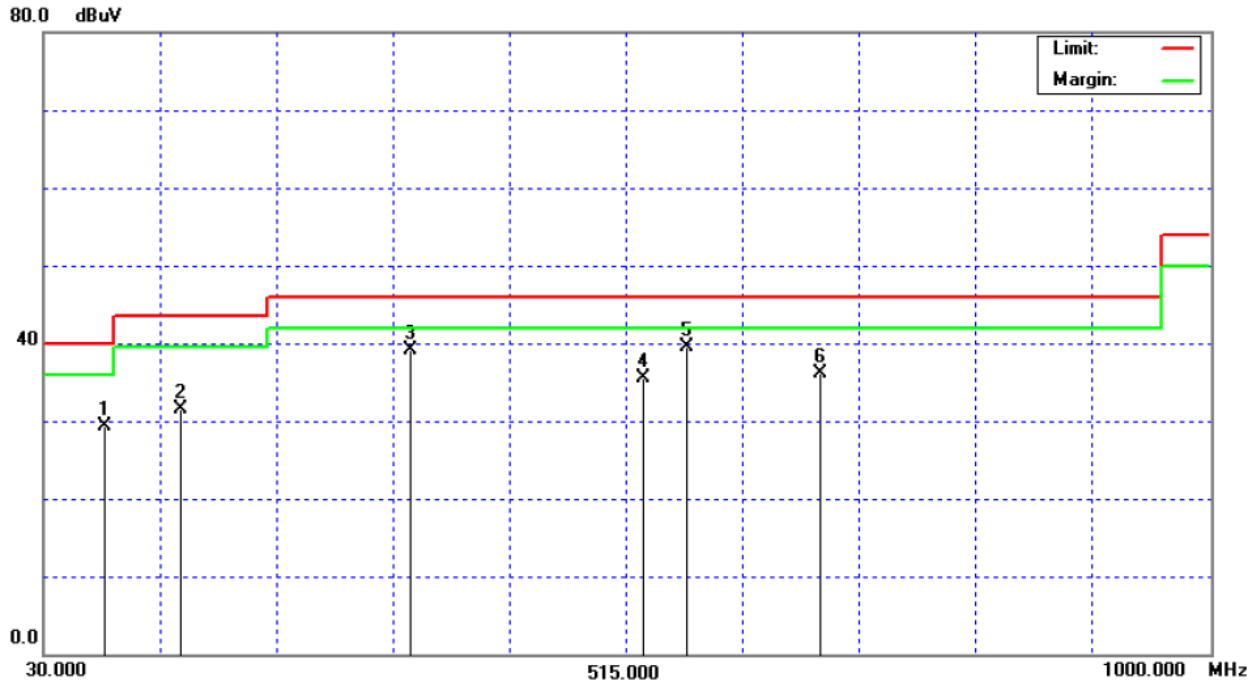
(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

(4) Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Peak detector mode or QP detector mode of the emission 。

(5) 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.



EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	26 ℃	Relative Humidity：	52 %
Pressure：	1003 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 25 / 2452.032(MHz)	EUT Orthogonal Axes：	X

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
37.28	V	44.42	-8.00	36.42	40.00	- 3.58	(QP)
80.93	V	42.57	-10.41	32.16	40.00	- 7.84	
143.98	V	41.43	-6.47	34.96	43.50	- 8.54	
277.35	V	42.46	-5.11	37.35	46.00	- 8.65	
289.48	V	43.90	-4.42	39.48	46.00	- 6.52	
335.55	V	42.63	-3.46	39.17	46.00	- 6.83	

Remark：

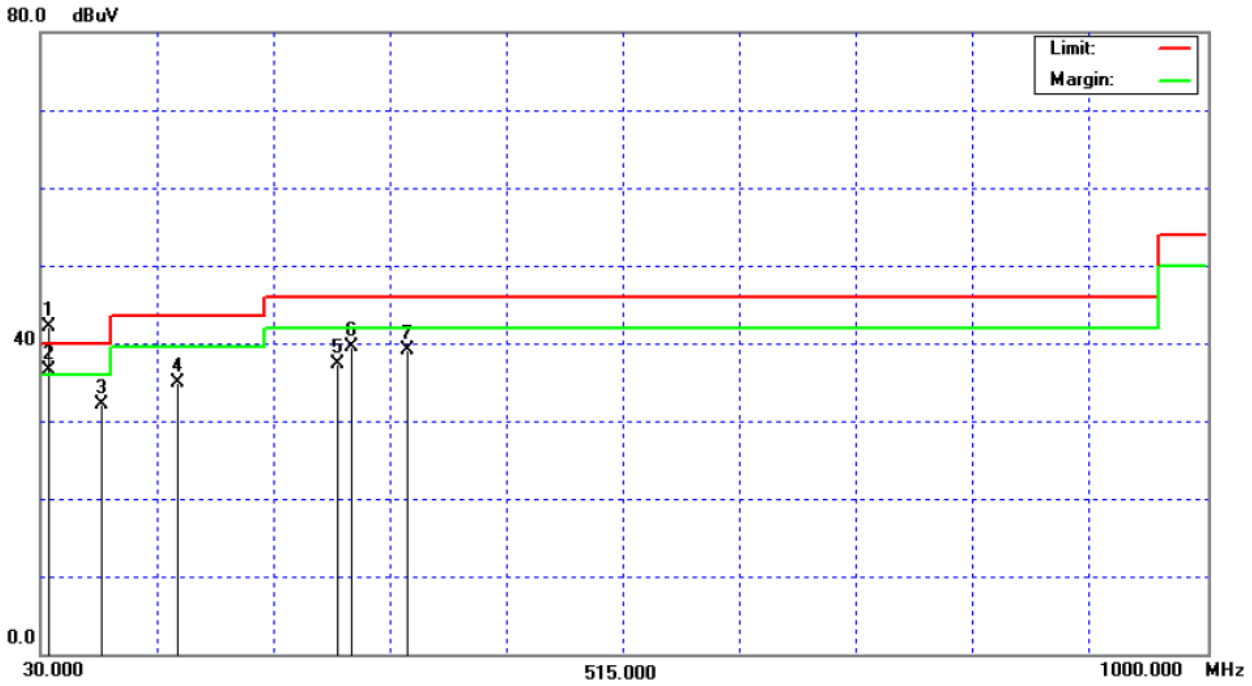
(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

(4) Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Peak detector mode or QP detector mode of the emission 。

(5) 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.



EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	26 ℃	Relative Humidity：	52 %
Pressure：	1003 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 25 / 2452.032(MHz)	EUT Orthogonal Axes：	X

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
80.93	H	39.61	-10.41	29.20	40.00	- 10.80	
143.98	H	37.70	-6.47	31.23	43.50	- 12.27	
335.55	H	46.93	-3.46	43.47	46.00	- 2.53	
493.18	H	37.37	0.26	37.63	46.00	- 8.37	
563.50	H	35.40	2.05	37.45	46.00	- 8.55	
677.48	H	35.61	4.87	40.48	46.00	- 5.52	

Remark：

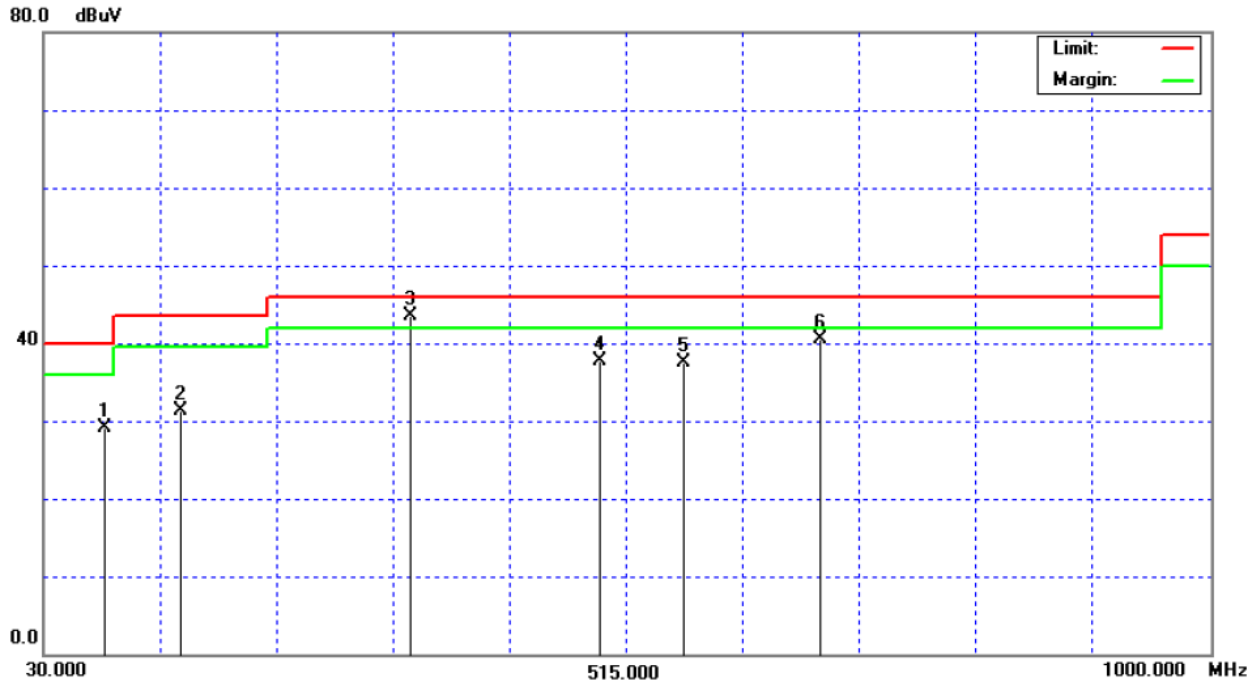
(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

(4) Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Peak detector mode or QP detector mode of the emission 。

(5) 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.



EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	26 ℃	Relative Humidity：	52 %
Pressure：	1003 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 25 / 2452.032(MHz)	EUT Orthogonal Axes：	Y

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
36.90	V	40.15	-8.09	32.06	40.00	- 7.94	
80.91	V	41.81	-10.41	31.40	40.00	- 8.60	
143.98	V	42.70	-6.47	36.23	43.50	- 7.27	
277.24	V	40.68	-5.11	35.57	46.00	- 10.43	
289.90	V	41.77	-4.40	37.37	46.00	- 8.63	
335.60	V	38.94	-3.46	35.48	46.00	- 10.52	

Remark：

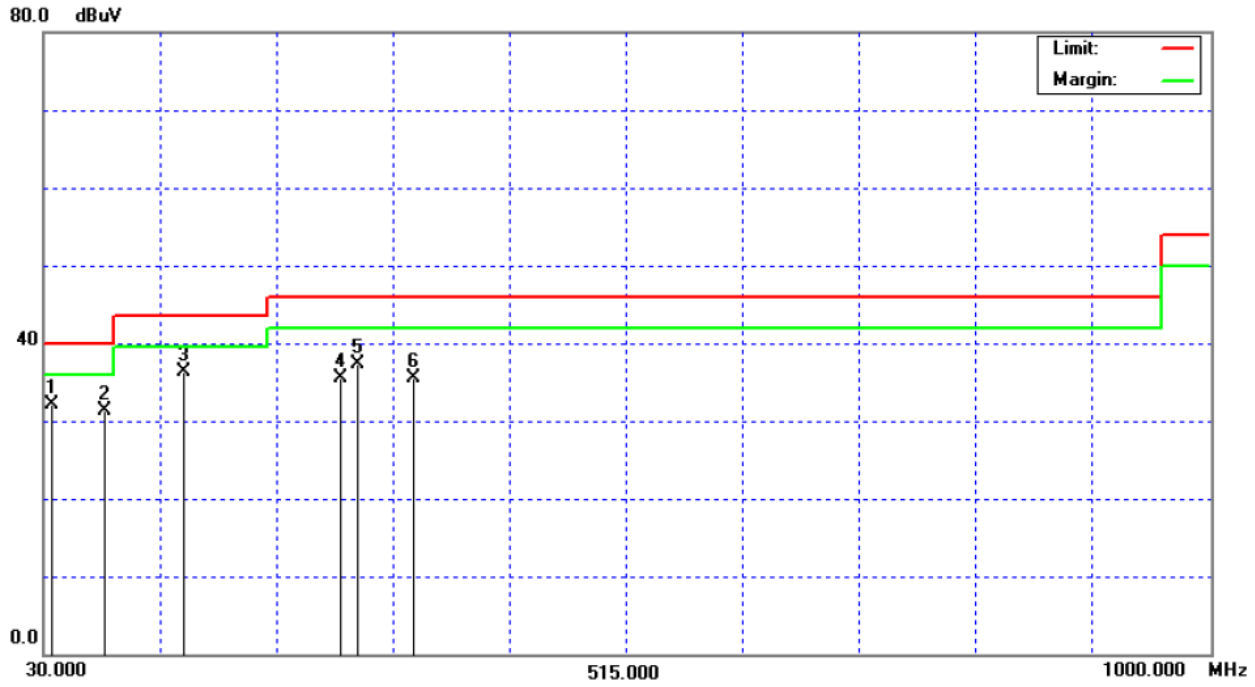
(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

(4) Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Peak detector mode or QP detector mode of the emission 。

(5) 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.



EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	26 ℃	Relative Humidity：	52 %
Pressure：	1003 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 25 / 2452.032(MHz)	EUT Orthogonal Axes：	Y

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
80.93	H	39.61	-10.41	29.20	40.00	- 10.80	
143.98	H	37.70	-6.47	31.23	43.50	- 12.27	
335.55	H	46.93	-3.46	43.47	46.00	- 2.53	
493.18	H	37.37	0.26	37.63	46.00	- 8.37	
563.50	H	35.40	2.05	37.45	46.00	- 8.55	
677.48	H	35.61	4.87	40.48	46.00	- 5.52	

Remark：

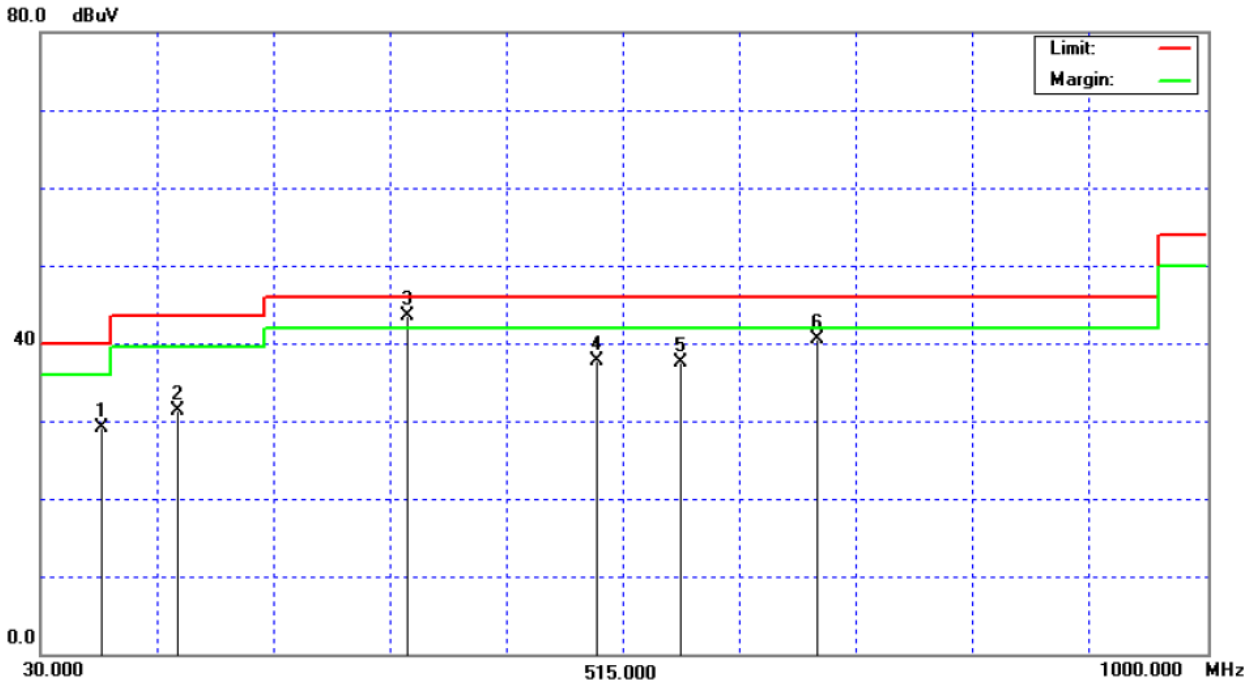
(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

(4) Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Peak detector mode or QP detector mode of the emission 。

(5) 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.



EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	26 ℃	Relative Humidity：	52 %
Pressure：	1003 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 25 / 2452.032(MHz)	EUT Orthogonal Axes：	Z

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
37.29	V	40.05	-8.00	32.05	40.00	- 7.95	
76.74	V	37.04	-9.73	27.31	40.00	- 12.69	
143.88	V	39.94	-6.47	33.47	43.50	- 10.03	
277.26	V	40.00	-5.11	34.89	46.00	- 11.11	
289.61	V	41.70	-4.41	37.29	46.00	- 8.71	
335.60	V	40.09	-3.46	36.63	46.00	- 9.37	

Remark：

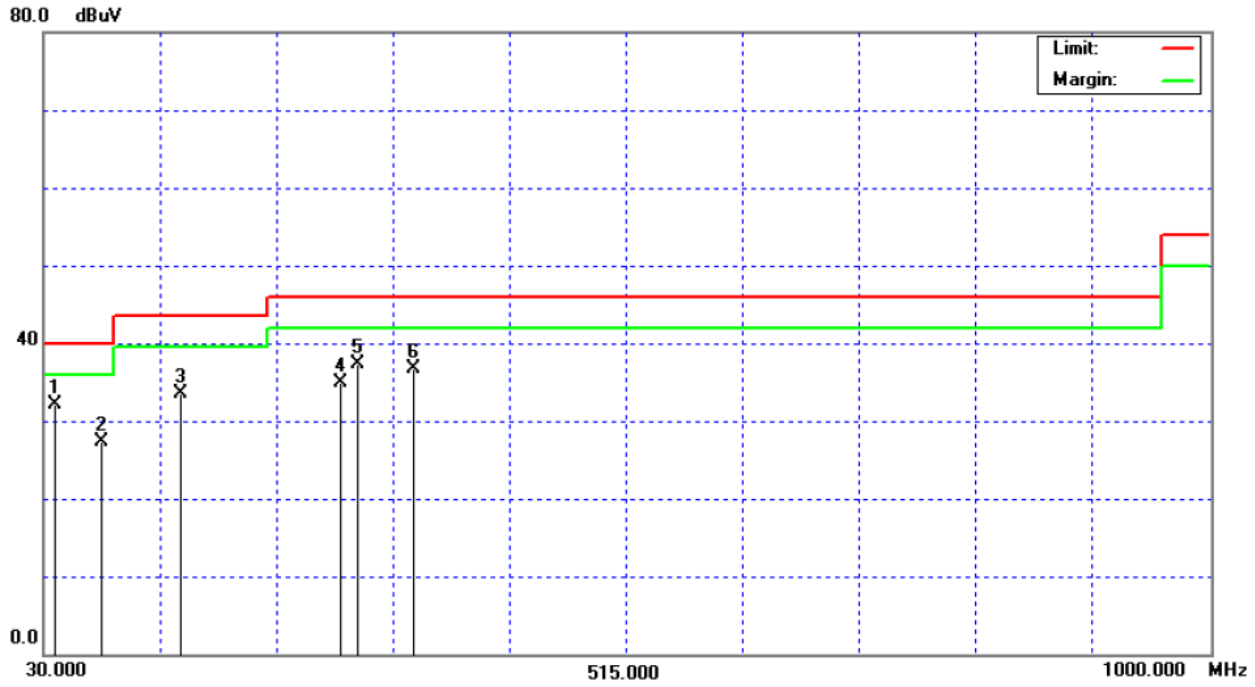
(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

(4) Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Peak detector mode or QP detector mode of the emission 。

(5) 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.



EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	26 ℃	Relative Humidity：	52 %
Pressure：	1003 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 25 / 2452.032(MHz)	EUT Orthogonal Axes：	Z

Freq. (MHz)	Ant. H/V	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
78.84	H	34.56	-10.09	24.47	40.00	- 15.53	
143.99	H	35.10	-6.47	28.63	43.50	- 14.87	
335.35	H	42.70	-3.46	39.24	46.00	- 6.76	
493.23	H	34.17	0.26	34.43	46.00	- 11.57	
563.42	H	33.00	2.05	35.05	46.00	- 10.95	
677.41	H	34.10	4.87	38.97	46.00	- 7.03	

Remark：

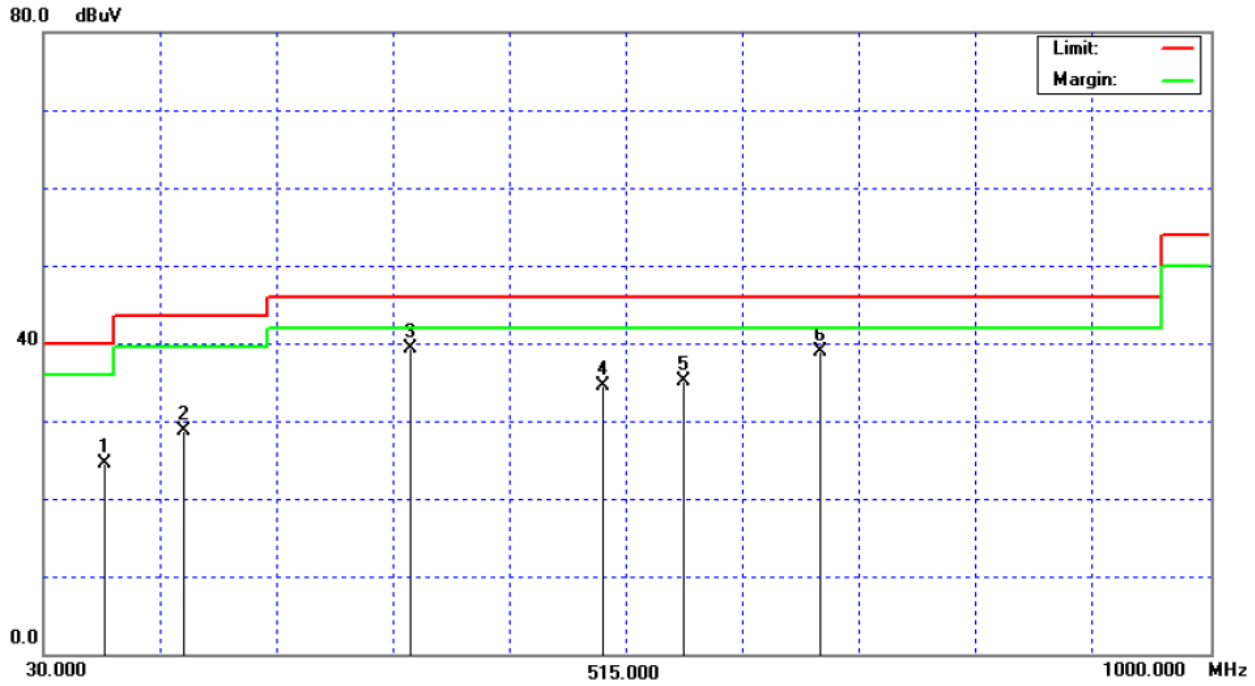
(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

(4) Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Peak detector mode or QP detector mode of the emission 。

(5) 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.



4.2.8 TEST RESULTS **(Above 1000 MHz)**

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1007 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 01 / 2410.56(MHz)	EUT Orthogonal Axes：	X

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
1365.00	V	51.27	*	-7.75	43.52	*	74.00	54.00	X/H
1680.00	V	50.27	*	-6.06	44.21	*	74.00	54.00	X/H
1805.00	V	52.16	*	-5.33	46.83	*	74.00	54.00	X/H
1895.00	V	51.35	*	-4.81	46.54	*	74.00	54.00	X/H
2105.00	V	53.80	*	-3.93	49.87	*	74.00	54.00	X/H
2260.00	V	53.12	*	-3.52	49.60	*	74.00	54.00	X/H
4821.12	V	42.08	*	3.56	45.64	*	74.00	54.00	X/H
7262.00	V	43.68	*	8.45	52.13	*	74.00	54.00	X/H
9637.00	V	38.34	*	10.46	48.80	*	74.00	54.00	X/H
12052.80	V	35.05	*	13.81	48.86	*	74.00	54.00	X/H
14463.36	V	43.75	28.74	19.19	62.94	47.93	74.00	54.00	X/H
16873.92	V	40.52	28.99	17.22	57.74	46.21	74.00	54.00	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

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

(5) 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.

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

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

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1007 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 01 / 2410.56(MHz)	EUT Orthogonal Axes：	X

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
1400.00	H	51.00	*	-7.58	43.42	*	74.00	54.00	X/H
1635.00	H	50.46	*	-6.32	44.14	*	74.00	54.00	X/H
1705.00	H	50.11	*	-5.91	44.20	*	74.00	54.00	X/H
1805.00	H	52.81	*	-5.33	47.48	*	74.00	54.00	X/H
2105.00	H	55.71	*	-3.93	51.78	*	74.00	54.00	X/H
2280.00	H	52.55	*	-3.47	49.08	*	74.00	54.00	X/H
4821.12	H	41.45	*	3.56	45.01	*	74.00	54.00	X/H
7231.68	H	43.75	*	8.33	52.08	*	74.00	54.00	X/H
9642.24	H	34.10	*	10.47	44.57	*	74.00	54.00	X/H
12052.80	H	34.91	*	13.81	48.72	*	74.00	54.00	X/H
14463.36	H	43.58	28.44	19.19	62.77	47.63	74.00	54.00	X/H
16873.92	H	40.47	29.54	17.22	57.69	46.76	74.00	54.00	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

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

(5) 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.

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

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

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1007 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 01 / 2410.56(MHz)	EUT Orthogonal Axes：	Y

Freq. (MHz)	Ant.Pol. H/V	Reading Peak (dBuV)	Reading AV (dBuV)	Ant./CF CF(dB)	Act. Peak (dBuV/m)	Act. AV (dBuV/m)	Limit Peak (dBuV/m)	Limit AV (dBuV/m)	Note
1330.00	V	51.67	*	-7.92	43.75	*	74.00	54.00	Y/H
1745.00	V	51.53	*	-5.68	45.85	*	74.00	54.00	Y/H
1805.00	V	55.74	*	-5.33	50.41	*	74.00	54.00	Y/H
1970.00	V	51.42	*	-4.37	47.05	*	74.00	54.00	Y/H
2105.00	V	53.92	*	-3.93	49.99	*	74.00	54.00	Y/H
2295.00	V	52.45	*	-3.43	49.02	*	74.00	54.00	Y/H
4821.12	V	42.58	*	3.56	46.14	*	74.00	54.00	Y/H
7231.68	V	42.66	*	8.33	50.99	*	74.00	54.00	Y/H
9642.24	V	34.51	*	10.47	44.98	*	74.00	54.00	Y/H
12052.80	V	34.55	*	13.81	48.36	*	74.00	54.00	Y/H
14463.36	V	43.25	30.04	19.19	62.44	49.23	74.00	54.00	Y/H
16873.92	V	40.02	28.00	17.22	57.24	45.22	74.00	54.00	Y/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

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

(5) 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.

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

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

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1007 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 01 / 2410.56(MHz)	EUT Orthogonal Axes：	Y

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
1385.00	H	50.96	*	-7.65	43.31	*	74.00	54.00	Y/H
1510.00	H	50.73	*	-7.04	43.69	*	74.00	54.00	Y/H
1705.00	H	50.59	*	-5.91	44.68	*	74.00	54.00	Y/H
1805.00	H	52.34	*	-5.33	47.01	*	74.00	54.00	Y/H
1995.00	H	51.05	*	-4.23	46.82	*	74.00	54.00	Y/H
2105.00	H	56.49	*	-3.93	52.56	*	74.00	54.00	Y/H
4821.12	H	41.95	*	3.56	45.51	*	74.00	54.00	Y/H
7231.68	H	44.25	*	8.33	52.58	*	74.00	54.00	Y/H
9642.24	H	35.10	*	10.47	45.57	*	74.00	54.00	Y/H
12052.80	H	35.41	*	13.81	49.22	*	74.00	54.00	Y/H
14463.36	H	43.08	29.98	19.19	62.27	49.17	74.00	54.00	Y/H
16873.92	H	40.47	27.00	17.22	57.69	44.22	74.00	54.00	Y/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

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

(5) 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.

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

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

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1007 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 01 / 2410.56(MHz)	EUT Orthogonal Axes：	Z

Freq. (MHz)	Ant.Pol. H/V	Reading Peak (dBuV)	Reading AV (dBuV)	Ant./CF CF(dB)	Act. Peak (dBuV/m)	Act. AV (dBuV/m)	Limit Peak (dBuV/m)	Limit AV (dBuV/m)	Note
1520.00	V	50.92	*	-6.98	43.94	*	74.00	54.00	Z/H
1730.00	V	52.16	*	-5.77	46.39	*	74.00	54.00	Z/H
1805.00	V	59.67	49.80	-5.33	54.34	44.47	74.00	54.00	Z/H
1950.00	V	52.27	*	-4.49	47.78	*	74.00	54.00	Z/H
2105.00	V	57.01	*	-3.93	53.08	*	74.00	54.00	Z/H
2260.00	V	54.55	*	-3.52	51.03	*	74.00	54.00	Z/H
4821.12	V	43.10	*	3.56	46.66	*	74.00	54.00	Z/H
7231.68	V	42.42	*	8.33	50.75	*	74.00	54.00	Z/H
9637.00	V	43.92	30.80	10.46	54.38	41.26	74.00	54.00	Z/H
12052.80	V	36.74	*	13.81	50.55	*	74.00	54.00	Z/H
14463.36	V	43.12	29.00	19.19	62.31	48.19	74.00	54.00	Z/H
16873.92	V	41.45	27.76	17.22	58.67	44.98	74.00	54.00	Z/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

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

(5) 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.

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

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

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1007 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 01 / 2410.56(MHz)	EUT Orthogonal Axes：	Z

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
1185.00	H	52.02	*	-8.61	43.41	*	74.00	54.00	Z/H
1585.00	H	51.30	*	-6.61	44.69	*	74.00	54.00	Z/H
1805.00	H	52.96	*	-5.33	47.63	*	74.00	54.00	Z/H
1915.00	H	51.57	*	-4.69	46.88	*	74.00	54.00	Z/H
2105.00	H	54.66	*	-3.93	50.73	*	74.00	54.00	Z/H
2260.00	H	54.51	*	-3.52	50.99	*	74.00	54.00	Z/H
4821.12	H	42.26	*	3.56	45.82	*	74.00	54.00	Z/H
7224.00	H	45.59	29.50	8.30	53.89	37.80	74.00	54.00	Z/H
9637.00	H	45.10	30.73	10.46	55.56	41.19	74.00	54.00	Z/H
12050.00	H	42.41	30.04	13.81	56.22	43.85	74.00	54.00	Z/H
14463.36	H	42.48	29.84	19.19	61.67	49.03	74.00	54.00	Z/H
16873.92	H	41.93	27.45	17.22	59.15	44.67	74.00	54.00	Z/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

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

(5) 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.

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

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

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1007 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 13 / 2431.296(MHz)	EUT Orthogonal Axes：	X

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
1325.00	V	51.84	*	-7.94	43.90	*	74.00	54.00	X/H
1665.00	V	50.62	*	-6.14	44.48	*	74.00	54.00	X/H
1835.00	V	53.87	*	-5.16	48.71	*	74.00	54.00	X/H
1975.00	V	52.27	*	-4.34	47.93	*	74.00	54.00	X/H
2125.00	V	53.77	*	-3.88	49.89	*	74.00	54.00	X/H
2275.00	V	52.87	*	-3.48	49.39	*	74.00	54.00	X/H
4862.59	V	42.14	*	3.69	45.83	*	74.00	54.00	X/H
7293.89	V	42.40	*	8.57	50.97	*	74.00	54.00	X/H
9789.00	V	41.33	*	10.65	51.98	*	74.00	54.00	X/H
12156.48	V	34.99	*	13.83	48.82	*	74.00	54.00	X/H
14587.78	V	35.21	24.40	18.74	53.95	43.14	74.00	54.00	X/H
17019.07	V	32.57	21.74	18.31	50.88	40.05	74.00	54.00	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

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

(5) 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.

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

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

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1007 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 13 / 2431.296(MHz)	EUT Orthogonal Axes：	X

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
1325.00	H	51.63	*	-7.94	43.69	*	74.00	54.00	X/H
1550.00	H	50.26	*	-6.81	43.45	*	74.00	54.00	X/H
1700.00	H	50.95	*	-5.94	45.01	*	74.00	54.00	X/H
1820.00	H	53.28	*	-5.24	48.04	*	74.00	54.00	X/H
2055.00	H	51.64	*	-4.06	47.58	*	74.00	54.00	X/H
2125.00	H	53.68	*	-3.88	49.80	*	74.00	54.00	X/H
4862.59	H	42.06	*	3.69	45.75	*	74.00	54.00	X/H
7293.89	H	42.32	*	8.57	50.89	*	74.00	54.00	X/H
9725.18	H	35.88	*	10.57	46.45	*	74.00	54.00	X/H
12156.48	H	37.32	*	13.83	51.15	*	74.00	54.00	X/H
14587.78	H	42.92	29.40	18.74	61.66	48.14	74.00	54.00	X/H
17019.07	H	39.30	27.82	18.31	57.61	46.13	74.00	54.00	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

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

(5) 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.

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

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

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1007 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 13 / 2431.296(MHz)	EUT Orthogonal Axes：	Y

Freq. (MHz)	Ant.Pol. H/V	Reading Peak (dBuV)	Reading AV (dBuV)	Ant./CF CF(dB)	Act. Peak (dBuV/m)	Act. AV (dBuV/m)	Limit Peak (dBuV/m)	Limit AV (dBuV/m)	Note
1310.00	V	51.42	*	-8.01	43.41	*	74.00	54.00	Y/H
1555.00	V	50.33	*	-6.78	43.55	*	74.00	54.00	Y/H
1705.00	V	50.54	*	-5.91	44.63	*	74.00	54.00	Y/H
1820.00	V	55.50	*	-5.24	50.26	*	74.00	54.00	Y/H
2125.00	V	52.65	*	-3.88	48.77	*	74.00	54.00	Y/H
2290.00	V	52.69	*	-3.45	49.24	*	74.00	54.00	Y/H
4862.59	V	42.64	*	3.69	46.33	*	74.00	54.00	Y/H
7293.89	V	41.90	*	8.57	50.47	*	74.00	54.00	Y/H
9789.00	V	41.83	*	10.65	52.48	*	74.00	54.00	Y/H
12156.48	V	35.64	*	13.83	49.47	*	74.00	54.00	Y/H
14587.78	V	35.71	23.50	18.74	54.45	42.24	74.00	54.00	Y/H
17019.07	V	33.57	21.79	18.31	51.88	40.10	74.00	54.00	Y/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

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

(5) 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.

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

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

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1007 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 13 / 2431.296(MHz)	EUT Orthogonal Axes：	Y

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
1300.00	H	56.27	*	-8.06	48.21	*	74.00	54.00	Y/H
1645.00	H	59.25	*	-6.26	52.99	*	74.00	54.00	Y/H
1725.00	H	55.70	*	-5.79	49.91	*	74.00	54.00	Y/H
1820.00	H	56.93	*	-5.24	51.69	*	74.00	54.00	Y/H
2100.00	H	54.55	*	-3.94	50.61	*	74.00	54.00	Y/H
2275.00	H	54.63	*	-3.48	51.15	*	74.00	54.00	Y/H
4862.59	H	42.56	*	3.69	46.25	*	74.00	54.00	Y/H
7293.89	H	42.82	*	8.57	51.39	*	74.00	54.00	Y/H
9725.18	H	36.38	*	10.57	46.95	*	74.00	54.00	Y/H
12156.48	H	37.82	*	13.83	51.65	*	74.00	54.00	Y/H
14587.78	H	42.42	29.88	18.74	61.16	48.62	74.00	54.00	Y/H
17019.07	H	39.30	27.10	18.31	57.61	45.41	74.00	54.00	YH

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

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

(5) 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.

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

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

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1007 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 13 / 2431.296(MHz)	EUT Orthogonal Axes：	Z

Freq. (MHz)	Ant.Pol. H/V	Reading Peak (dBuV)	Reading AV (dBuV)	Ant./CF CF(dB)	Act. Peak (dBuV/m)	Act. AV (dBuV/m)	Limit Peak (dBuV/m)	Limit AV (dBuV/m)	Note
1290.00	V	51.89	*	-8.11	43.78	*	74.00	54.00	Z/H
1535.00	V	50.61	*	-6.90	43.71	*	74.00	54.00	Z/H
1595.00	V	50.77	*	-6.55	44.22	*	74.00	54.00	Z/H
1820.00	V	59.59	47.20	-5.24	54.35	41.96	74.00	54.00	Z/H
1975.00	V	54.17	*	-4.34	49.83	*	74.00	54.00	Z/H
2125.00	V	56.41	*	-3.88	52.53	*	74.00	54.00	Z/H
4862.59	V	38.58	*	3.69	42.27	*	74.00	54.00	Z/H
7293.89	V	43.71	*	8.57	52.28	*	74.00	54.00	Z/H
9725.18	V	33.53	*	10.57	44.10	*	74.00	54.00	Z/H
12156.48	V	34.29	*	13.83	48.12	*	74.00	54.00	Z/H
14587.78	V	43.62	29.14	18.74	62.36	47.88	74.00	54.00	Z/H
17019.07	V	36.87	27.60	18.31	55.18	45.91	74.00	54.00	Z/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

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

(5) 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.

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

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

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1007 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 13 / 2431.296(MHz)	EUT Orthogonal Axes：	Z

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
1175.00	H	51.77	*	-8.66	43.11	*	74.00	54.00	Z/H
1360.00	H	50.82	*	-7.77	43.05	*	74.00	54.00	Z/H
1555.00	H	50.65	*	-6.78	43.87	*	74.00	54.00	Z/H
1660.00	H	50.16	*	-6.17	43.99	*	74.00	54.00	Z/H
1840.00	H	51.70	*	-5.13	46.57	*	74.00	54.00	Z/H
2125.00	H	55.19	*	-3.88	51.31	*	74.00	54.00	Z/H
4862.59	H	42.58	*	3.69	46.27	*	74.00	54.00	Z/H
7293.89	H	42.51	*	8.57	51.08	*	74.00	54.00	Z/H
9713.00	H	42.82	30.23	10.56	53.38	40.79	74.00	54.00	Z/H
12156.48	H	35.68	*	13.83	49.51	*	74.00	54.00	Z/H
14587.78	H	43.12	29.44	18.74	61.86	48.18	74.00	54.00	Z/H
17019.07	H	37.45	28.04	18.31	55.76	46.35	74.00	54.00	Z/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

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

(5) 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.

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

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

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1007 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 25 / 2452.032(MHz)	EUT Orthogonal Axes：	X

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
1375.00	V	50.73	*	-7.70	43.03	*	74.00	54.00	X/H
1700.00	V	50.28	*	-5.94	44.34	*	74.00	54.00	X/H
1855.00	V	52.46	*	-5.04	47.42	*	74.00	54.00	X/H
1990.00	V	51.41	*	-4.26	47.15	*	74.00	54.00	X/H
2145.00	V	54.28	*	-3.82	50.46	*	74.00	54.00	X/H
2300.00	V	53.78	*	-3.42	50.36	*	74.00	54.00	X/H
4904.06	V	43.83	*	3.81	47.64	*	74.00	54.00	X/H
7356.10	V	42.90	*	8.83	51.73	*	74.00	54.00	X/H
9808.00	V	43.22	30.76	10.67	53.89	41.43	74.00	54.00	X/H
12260.16	V	36.31	*	13.85	50.16	*	74.00	54.00	X/H
14712.19	V	43.53	28.70	18.10	61.63	46.80	74.00	54.00	X/H
17164.22	V	42.42	27.95	19.22	61.64	47.17	74.00	54.00	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

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

(5) 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.

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

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

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1007 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 25 / 2452.032(MHz)	EUT Orthogonal Axes：	X

Freq. (MHz)	Ant.Pol. H/V	Reading Peak (dBuV)	Reading AV (dBuV)	Ant./CF CF(dB)	Act. Peak (dBuV/m)	Act. AV (dBuV/m)	Limit Peak (dBuV/m)	Limit AV (dBuV/m)	Note
1295.00	H	51.45	*	-8.08	43.37	*	74.00	54.00	X/H
1450.00	H	51.11	*	-7.34	43.77	*	74.00	54.00	X/H
1655.00	H	50.45	*	-6.20	44.25	*	74.00	54.00	X/H
1835.00	H	52.13	*	-5.16	46.97	*	74.00	54.00	X/H
2050.00	H	51.65	*	-4.07	47.58	*	74.00	54.00	X/H
2150.00	H	52.96	*	-3.81	49.15	*	74.00	54.00	X/H
4904.06	H	41.80	*	3.81	45.61	*	74.00	54.00	X/H
7356.10	H	42.91	*	8.83	51.74	*	74.00	54.00	X/H
9789.00	H	40.00	*	10.65	50.65	*	74.00	54.00	X/H
12260.16	H	36.66	*	13.85	50.51	*	74.00	54.00	X/H
14712.19	H	42.92	29.78	18.10	61.02	47.88	74.00	54.00	X/H
17164.22	H	40.94	29.78	19.22	60.16	49.00	74.00	54.00	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

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

(5) 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.

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

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

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1007 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 25 / 2452.032(MHz)	EUT Orthogonal Axes：	Y

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
(MHz)	H/V	Peak (dBuV)	AV (dBuV)	CF(dB)	Peak (dBuV/m)	AV (dBuV/m)	Peak (dBuV/m)	AV (dBuV/m)	
1335.00	V	50.90	*	-7.89	43.01	*	74.00	54.00	Y/H
1785.00	V	50.64	*	-5.45	45.19	*	74.00	54.00	Y/H
1835.00	V	52.30	*	-5.16	47.14	*	74.00	54.00	Y/H
2035.00	V	51.06	*	-4.11	46.95	*	74.00	54.00	Y/H
2145.00	V	53.34	*	-3.82	49.52	*	74.00	54.00	Y/H
2300.00	V	53.29	*	-3.42	49.87	*	74.00	54.00	Y/H
4906.00	V	44.32	*	3.82	48.14	*	74.00	54.00	Y/H
7357.00	V	42.90	*	8.83	51.73	*	74.00	54.00	Y/H
9808.00	V	42.72	31.00	10.67	53.39	41.67	74.00	54.00	Y/H
12260.16	V	36.81	*	13.85	50.66	*	74.00	54.00	Y/H
14712.19	V	43.03	30.47	18.10	61.13	48.57	74.00	54.00	Y/H
17164.22	V	41.92	28.10	19.22	61.14	47.32	74.00	54.00	Y/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

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

(5) 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.

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

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

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1007 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 25 / 2452.032(MHz)	EUT Orthogonal Axes：	Y

Freq. (MHz)	Ant.Pol. H/V	Reading Peak (dBuV)	Reading AV (dBuV)	Ant./CF CF(dB)	Act. Peak (dBuV/m)	Act. AV (dBuV/m)	Limit Peak (dBuV/m)	Limit AV (dBuV/m)	Note
1305.00	H	51.24	*	-8.04	43.20	*	74.00	54.00	Y/H
1510.00	H	50.34	*	-7.04	43.30	*	74.00	54.00	Y/H
1660.00	H	50.01	*	-6.17	43.84	*	74.00	54.00	Y/H
1835.00	H	52.28	*	-5.16	47.12	*	74.00	54.00	Y/H
1945.00	H	50.95	*	-4.52	46.43	*	74.00	54.00	Y/H
2145.00	H	54.87	*	-3.82	51.05	*	74.00	54.00	Y/H
4904.06	H	42.30	*	3.81	46.11	*	74.00	54.00	Y/H
7356.10	H	42.41	*	8.83	51.24	*	74.00	54.00	Y/H
9789.00	H	39.50	*	10.65	50.15	*	74.00	54.00	Y/H
12260.16	H	36.66	*	13.85	50.51	*	74.00	54.00	Y/H
14712.19	H	42.42	28.97	18.10	60.52	47.07	74.00	54.00	Y/H
17164.22	H	40.44	26.08	19.22	59.66	45.30	74.00	54.00	Y/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

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

(5) 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.

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

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

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1007 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 25 / 2452.032(MHz)	EUT Orthogonal Axes：	Z

Freq. (MHz)	Ant.Pol. H/V	Reading Peak (dBuV)	Reading AV (dBuV)	Ant./CF CF(dB)	Act. Peak (dBuV/m)	Act. AV (dBuV/m)	Limit Peak (dBuV/m)	Limit AV (dBuV/m)	Note
1715.00	V	49.90	*	-5.85	44.05	*	74.00	54.00	Z/H
1835.00	V	56.92	*	-5.16	51.76	*	74.00	54.00	Z/H
1995.00	V	53.80	*	-4.23	49.57	*	74.00	54.00	Z/H
2145.00	V	57.60	45.40	-3.82	53.78	41.58	74.00	54.00	Z/H
2230.00	V	52.89	*	-3.60	49.29	*	74.00	54.00	Z/H
2295.00	V	53.95	*	-3.43	50.52	*	74.00	54.00	Z/H
4904.06	V	44.67	*	3.81	48.48	*	74.00	54.00	Z/H
7338.00	V	44.13	*	8.75	52.88	*	74.00	54.00	Z/H
9808.00	V	39.11	*	10.67	49.78	*	74.00	54.00	Z/H
12260.16	V	35.39	*	13.85	49.24	*	74.00	54.00	Z/H
14712.19	V	44.43	29.50	18.10	62.53	47.60	74.00	54.00	Z/H
17164.22	V	39.88	27.80	19.22	59.10	47.02	74.00	54.00	Z/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

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

(5) 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.

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

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

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1007 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 25 / 2452.032(MHz)	EUT Orthogonal Axes：	Z

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
1315.00	H	51.26	*	-7.99	43.27	*	74.00	54.00	Z/H
1610.00	H	50.11	*	-6.46	43.65	*	74.00	54.00	Z/H
1835.00	H	51.88	*	-5.16	46.72	*	74.00	54.00	Z/H
1995.00	H	50.80	*	-4.23	46.57	*	74.00	54.00	Z/H
2075.00	H	51.59	*	-4.01	47.58	*	74.00	54.00	Z/H
2145.00	H	55.39	*	-3.82	51.57	*	74.00	54.00	Z/H
4887.00	H	46.91	*	3.76	50.67	*	74.00	54.00	Z/H
7357.00	H	44.72	35.40	8.83	53.55	44.23	74.00	54.00	Z/H
9808.00	H	44.91	31.50	10.67	55.58	42.17	74.00	54.00	Z/H
12260.16	H	35.37	*	13.85	49.22	*	74.00	54.00	Z/H
14712.19	H	44.23	29.03	18.10	62.33	47.13	74.00	54.00	Z/H
17164.22	H	39.63	27.09	19.22	58.85	46.31	74.00	54.00	Z/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

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

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

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

(5) 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.

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

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

4.2.9 TEST RESULTS **(Restricted Bands Requirements)**

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	54 %
Pressure：	1005 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 01		
Note：	1. The transmitter was setup to transmit at the lowest channel (CH01). Then the field strength was measured at 2310-2390 MHz. 2. The transmitter was setup to transmit at the highest channel (CH25). Then the field strength was measured at 2483.5-2500 MHz.		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2388.56	V	55.04	*	-3.19	51.85	*	74.00	54.00	Z
2384.56	H	53.66	*	-3.20	50.46	*	74.00	54.00	Z

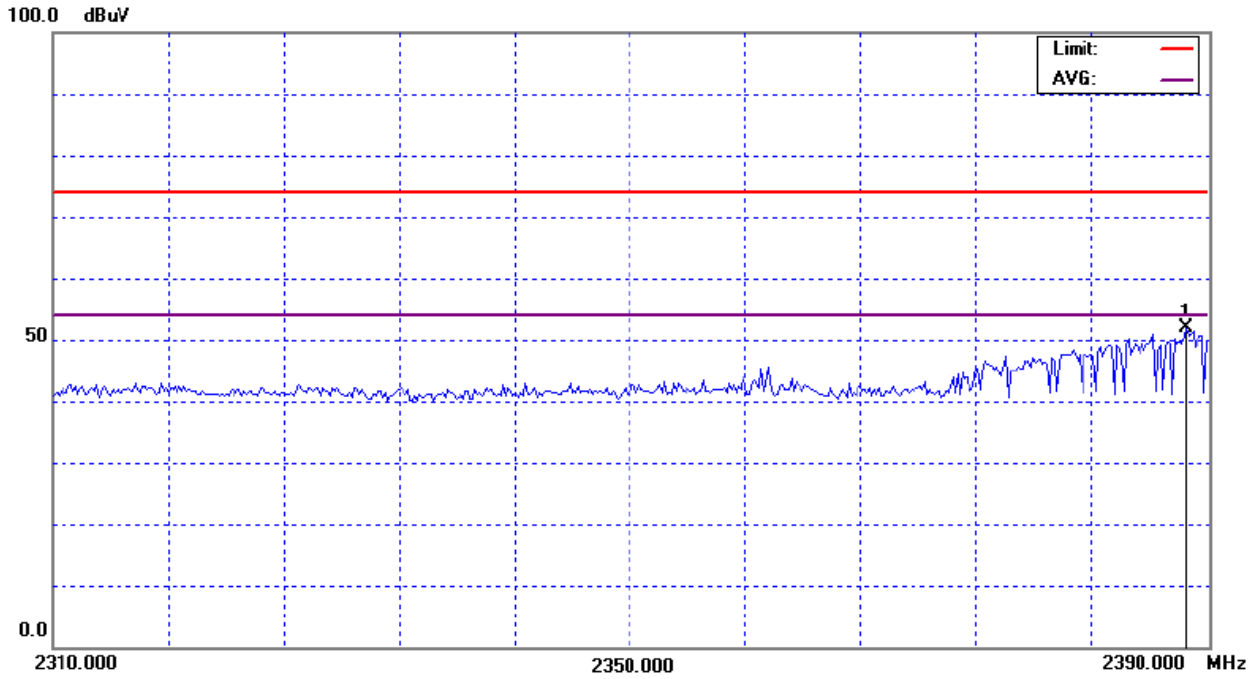
Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

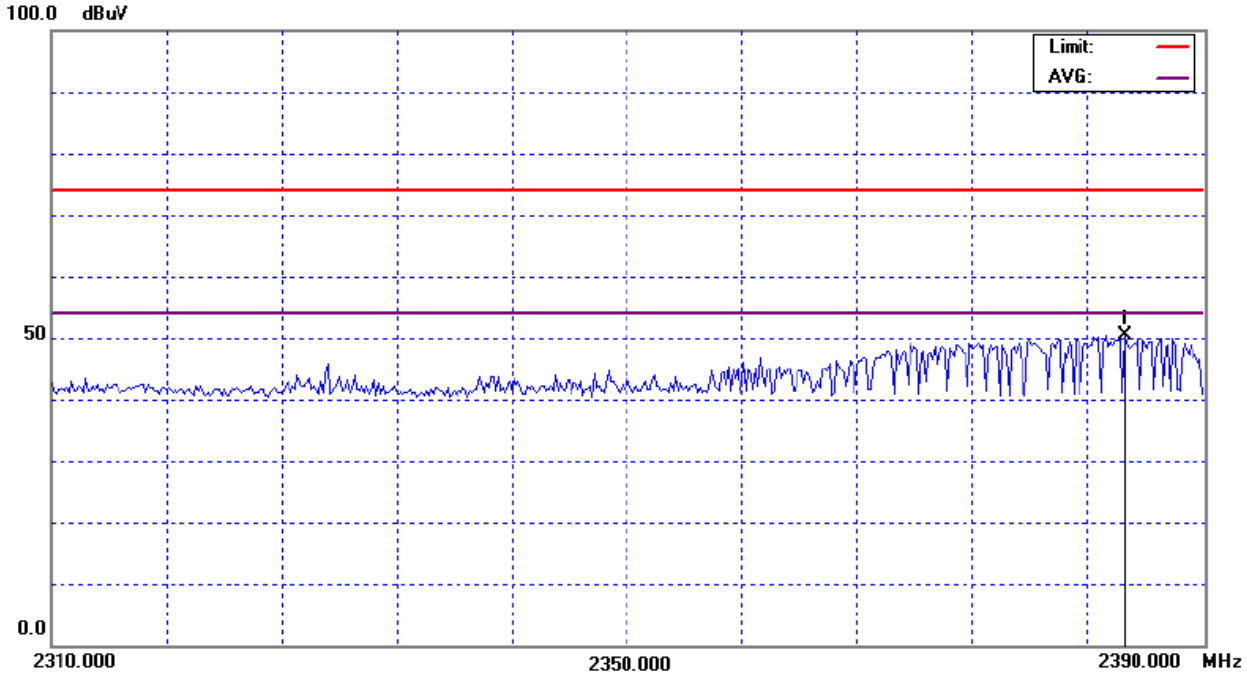
(2) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

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

Restricted Bands Requirements, Vertical



Restricted Bands Requirements, Horizontal



EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	25 ℃	Relative Humidity：	54 %
Pressure：	1005 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 25		
Note：	1. The transmitter was setup to transmit at the lowest channel (CH01). Then the field strength was measured at 2310-2390 MHz. 2. The transmitter was setup to transmit at the highest channel (CH25). Then the field strength was measured at 2483.5-2500 MHz.		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.		Limit		Note
		Peak	AV		Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)	(dBuV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
2483.90	V	53.74	*	-2.94	50.80	*	74.00	54.00	Z
2484.56	H	50.59	*	-2.94	47.65	*	74.00	54.00	Z

Remark：

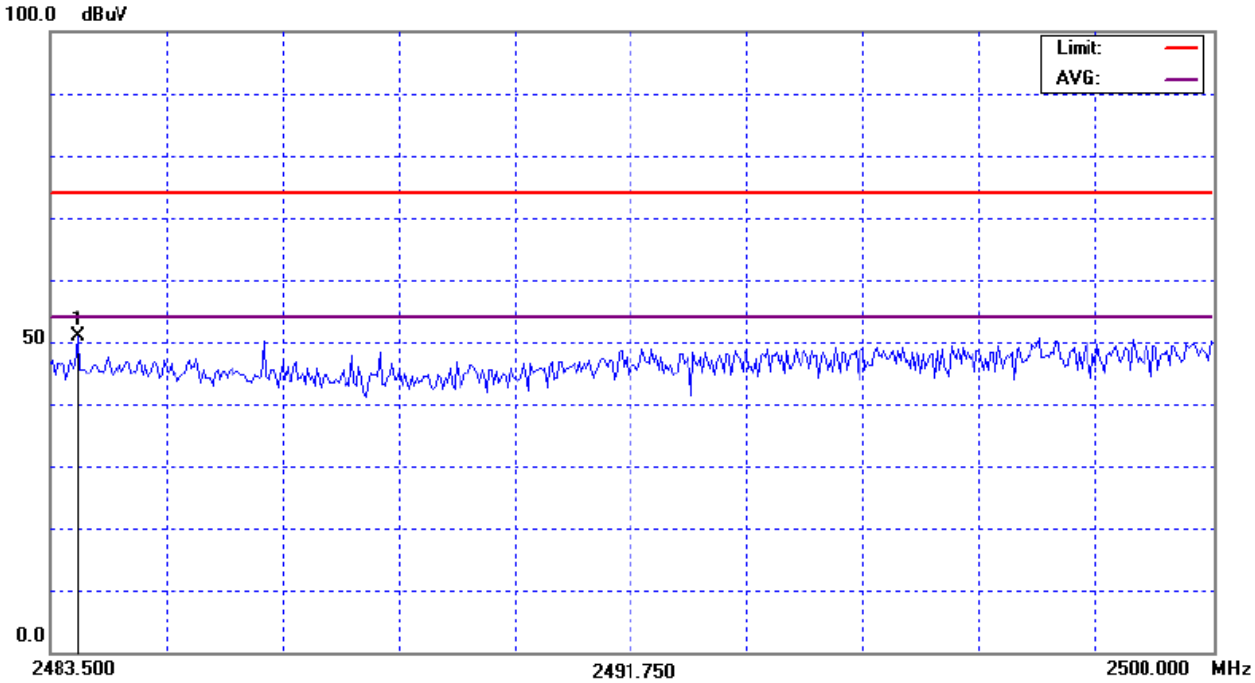
(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms

(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 。

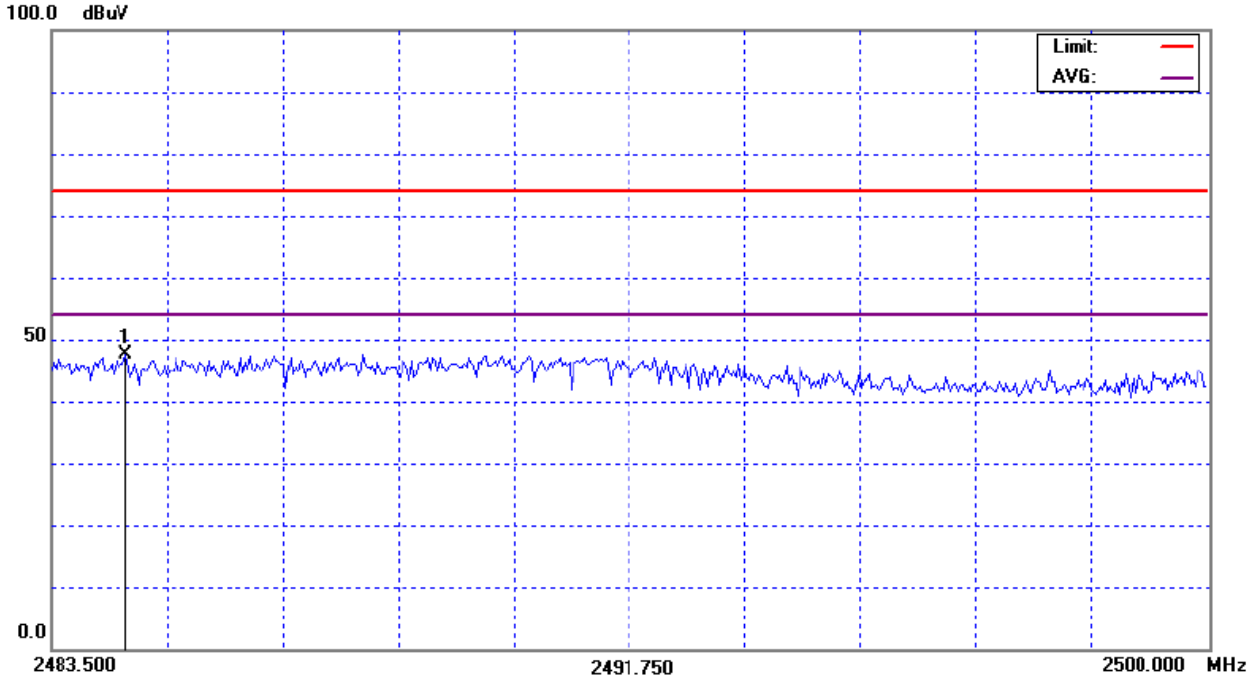
(3) EUT Orthogonal Axes：

"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

Restricted Bands Requirements, Vertical



Restricted Bands Requirements, Horizontal



5. NUMBER OF HOPPING CHANNEL

5.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C			
Section	Test Item	Frequency Range (MHz)	Result
15.247 (a)(1)(ii)	Number of Hopping Channel	2400-2483.5	PASS

5.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	ADVAN TEST	R3132	81700025	Feb. 21, 2007

Remark: ” N/A” denotes No Model No. , Serial No. or No Calibration specified.

5.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
b. Spectrum Setting : RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms.

5.1.3 DEVIATION FROM STANDARD

No deviation.

5.1.4 TEST SETUP

5.1.5 EUT OPERATION CONDITIONS

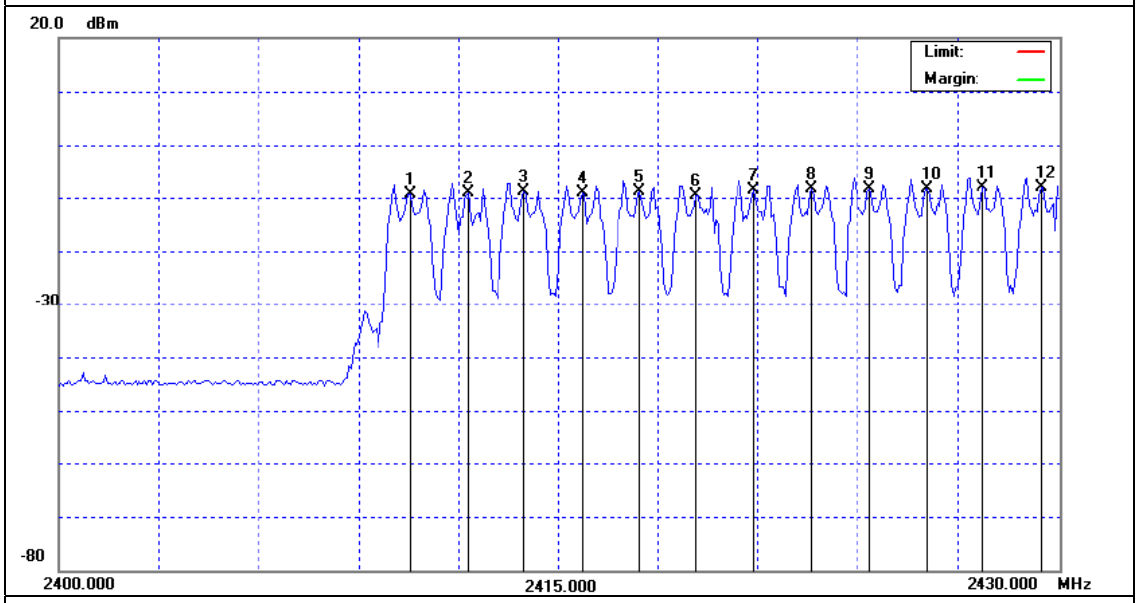
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

5.1.6 TEST RESULTS

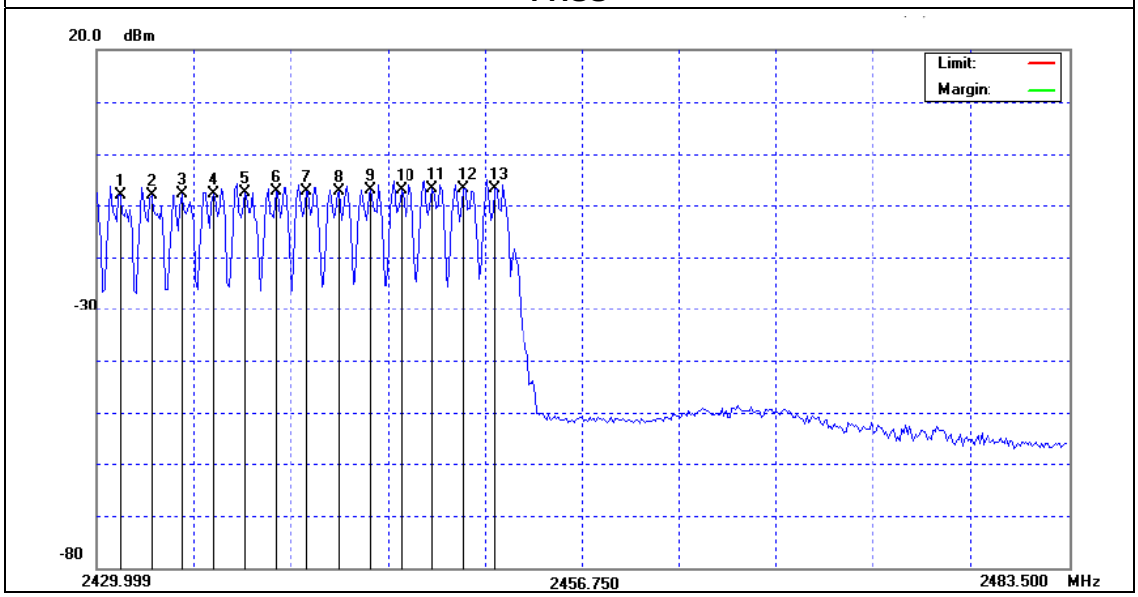
EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	27 ℃	Relative Humidity：	65 %
Pressure：	1003 hPa	Test Power ：	AC 120V/60Hz
Test Mode ：			

Number of Hopping Channel	25

FHSS



FHSS



6. AVERAGE TIME OF OCCUPANCY

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247 (a)(1)(ii)	Average Time of Occupancy	< = 0.4 sec (a 30 second period)	2400-2483.5	PASS

6.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	ADVAN TEST	R3132	81700025	Feb. 21, 2007

Remark: ” N/A” denotes No Model No. , Serial No. or No Calibration specified.

6.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
b. Spectrum Setting : RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms.
c. The digital modulation operation turned off.

6.1.3 DEVIATION FROM STANDARD

No deviation.

6.1.4 TEST SETUP

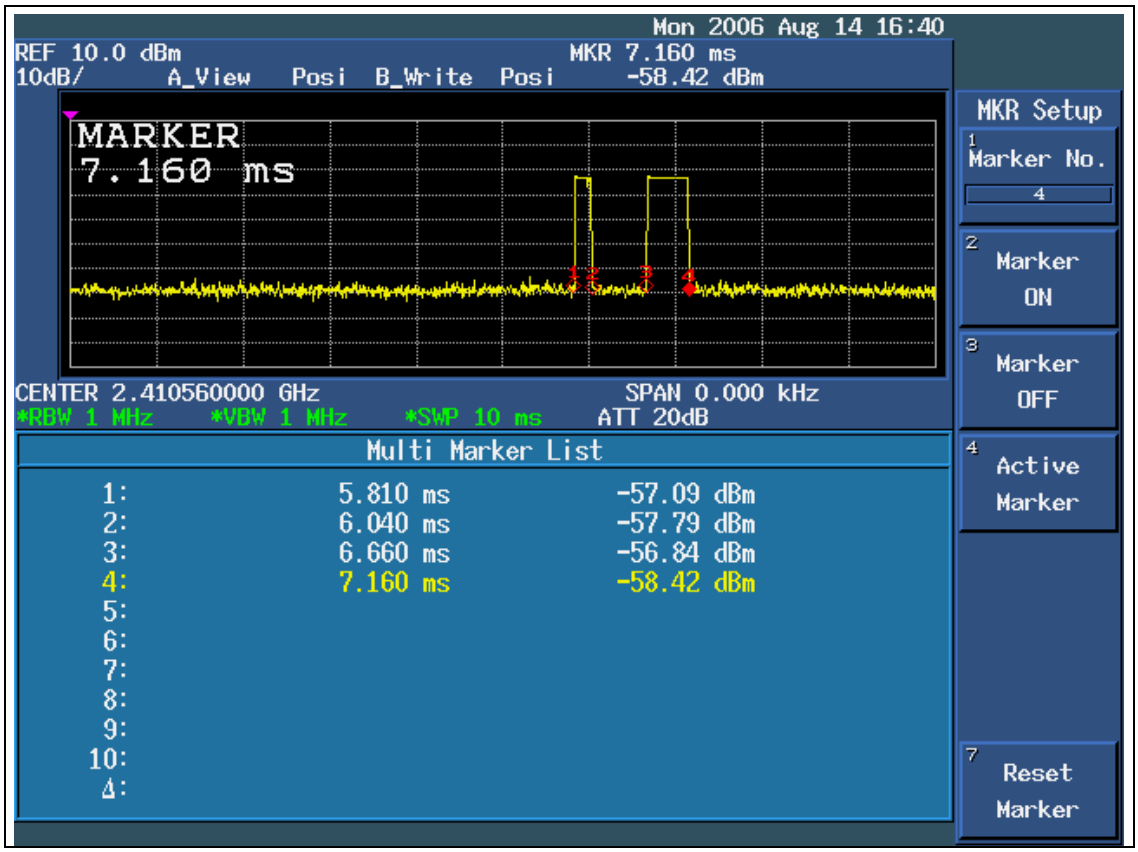
6.1.5 EUT OPERATION CONDITIONS

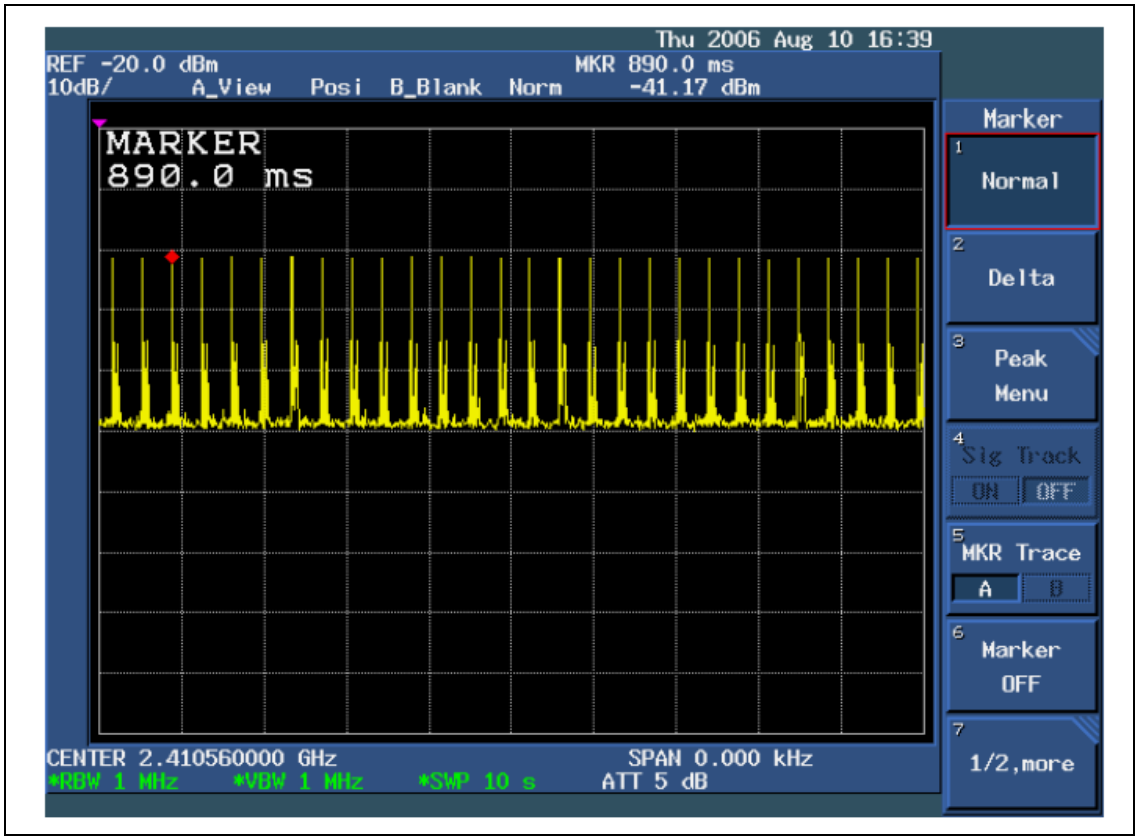
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

6.1.6 TEST RESULTS

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	27 ℃	Relative Humidity：	58 %
Pressure：	1004 hPa	Test Power ：	DC 3.6V
Test Mode ：			

Total channel (1)	25
each channel hops in 10 second (2)	28 times
Average time of signal channel occupancy (3)	(6.04-5.81) + (7.16-6.66) = 0.73ms
Average Time of Occupancy (2) x (3)	20.44ms = 0.02044 second
LIMIT(second)	<= 0.4 second


Mon 2006 Aug 14 16:40
REF 10.0 dBm
MKR 7.160 ms
10dB/ A_View Posi B_Write Posi -58.42 dBm
MARKER
7.160 ms
CENTER 2.410560000 GHz
SPAN 0.000 kHz
*RBW 1 MHz *VBW 1 MHz *SWP 10 ms ATT 20dB
Multi Marker List
1: 5.810 ms -57.09 dBm
2: 6.040 ms -57.79 dBm
3: 6.660 ms -56.84 dBm
4: 7.160 ms -58.42 dBm
5:
6:
7:
8:
9:
10:
Δ:
MKR Setup
1 Marker No.
4
2 Marker ON
3 Marker OFF
4 Active Marker
7 Reset Marker


Thu 2006 Aug 10 16:39
REF -20.0 dBm
MKR 890.0 ms
10dB/ A_View Posi B_Blank Norm -41.17 dBm
MARKER
890.0 ms
CENTER 2.410560000 GHz
SPAN 0.000 kHz
*RBW 1 MHz *VBW 1 MHz *SWP 10 s ATT 5 dB
Marker
1 Normal
2 Delta
3 Peak Menu
4 Sig Track
ON OFF
5 MKR Trace
A B
6 Marker OFF
7 1/2,more

7. BANDWITH TEST

7.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247 (a)(2)	Bandwidth	>= 500KHz (6dB bandwidth)	2400-2483.5	PASS

7.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	ADVAN TEST	R3132	81700025	Feb. 21, 2007

Remark: ” N/A” denotes No Model No. , Serial No. or No Calibration specified.

7.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
b. Spectrum Setting : RBW= 100KHz, VBW=100KHz, Sweep time = 20 ms.

7.1.3 DEVIATION FROM STANDARD

No deviation.

7.1.4 TEST SETUP

7.1.5 EUT OPERATION CONDITIONS

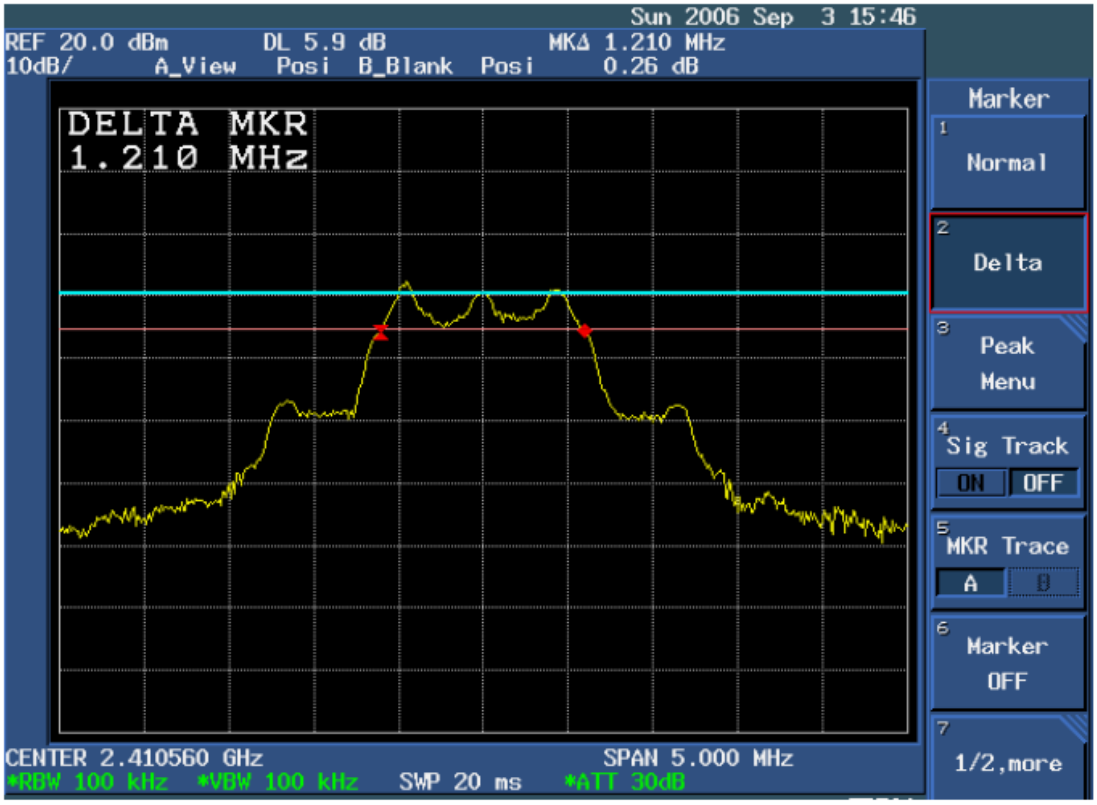
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

7.1.6 TEST RESULTS

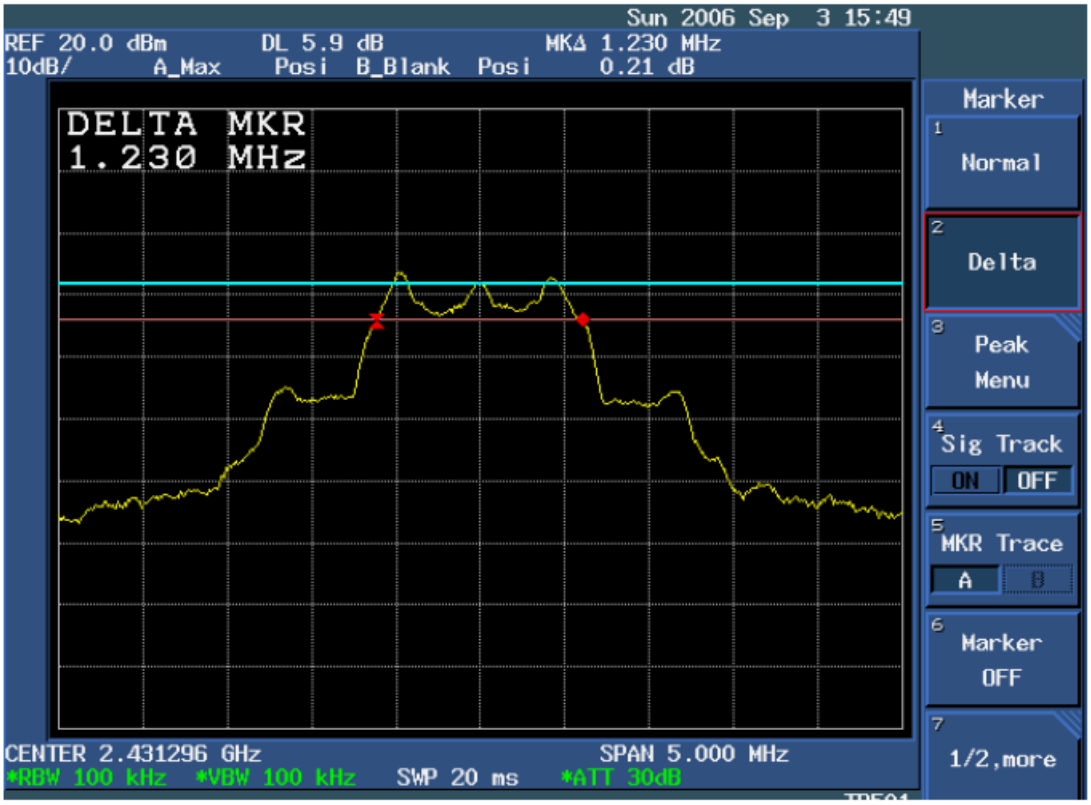
EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	27 ℃	Relative Humidity：	58 %
Pressure：	1004 hPa	Test Power ：	AC 120V/60Hz
Test Mode ：	CH 01 / CH 13 /CH 25		

Test Channel	Frequency (MHz)	Bandwidth (MHz)	LIMIT (MHz)
CH01	2410.56	1.210	>=500KHz
CH13	2431.296	1.230	>=500KHz
CH25	2452.032	1.280	>=500KHz

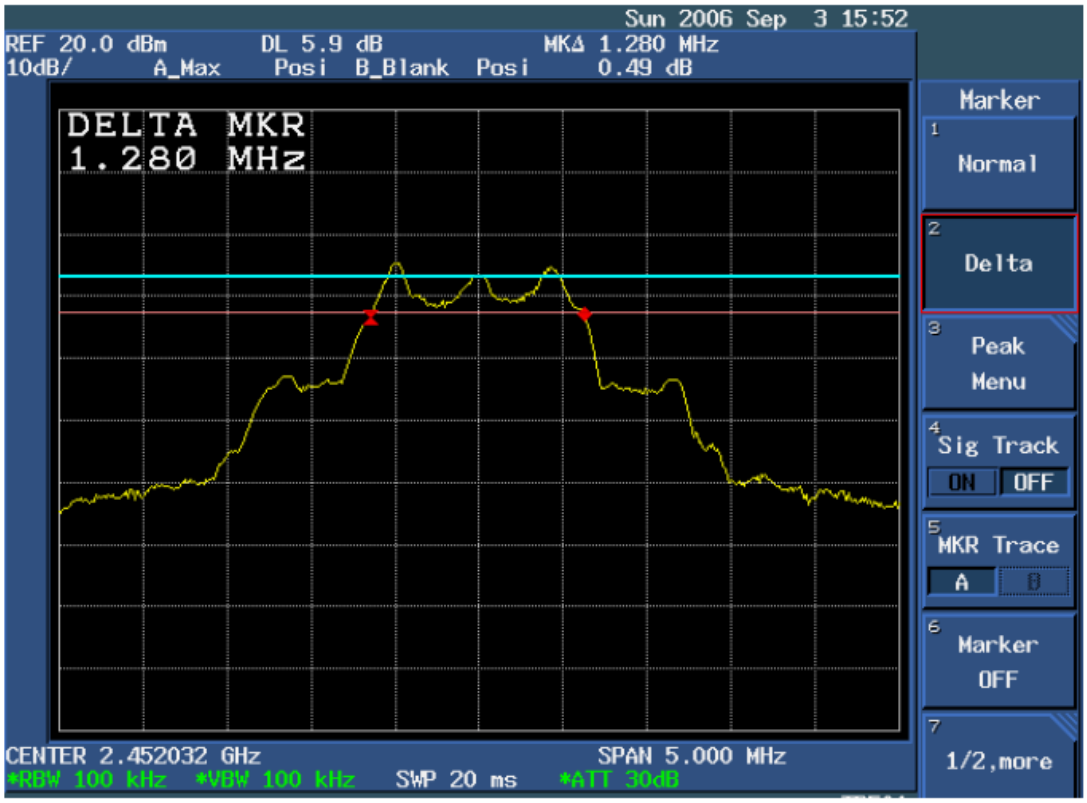
CH01



CH13


Sun 2006 Sep 3 15:49
REF 20.0 dBm
DL 5.9 dB
MKΔ 1.230 MHz
10dB/
A_Max
Posi
B_Blank
Posi
0.21 dB
DELTA MKR
1.230 MHz
Marker
1
Normal
2
Delta
3
Peak
Menu
4
Sig Track
ON
OFF
5
MKR Trace
A
B
6
Marker
OFF
7
1/2,more
CENTER 2.431296 GHz
SPAN 5.000 MHz
*RBW 100 kHz
*VBW 100 kHz
SWP 20 ms
*ATT 30dB

CH25


Sun 2006 Sep 3 15:52
REF 20.0 dBm
DL 5.9 dB
MKΔ 1.280 MHz
10dB/
A_Max
Posi
B_Blank
Posi
0.49 dB
DELTA MKR
1.280 MHz
Marker
1
Normal
2
Delta
3
Peak
Menu
4
Sig Track
ON
OFF
5
MKR Trace
A
B
6
Marker
OFF
7
1/2,more
CENTER 2.452032 GHz
SPAN 5.000 MHz
*RBW 100 kHz
*VBW 100 kHz
SWP 20 ms
*ATT 30dB

8. PEAK OUTPUT POWER TEST

8.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247 (b)(1)	Peak Output Power	1 watt or 30dBm	2400-2483.5	PASS

8.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	ADVAN TEST	R3132	81700025	Feb. 21, 2007

Remark: ” N/A” denotes No Model No. , Serial No. or No Calibration specified.

8.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
b. Spectrum Setting : RBW= 1MHz, VBW= 1MHz, Sweep time = 20 ms.

8.1.3 DEVIATION FROM STANDARD

No deviation.

8.1.4 TEST SETUP

8.1.5 EUT OPERATION CONDITIONS

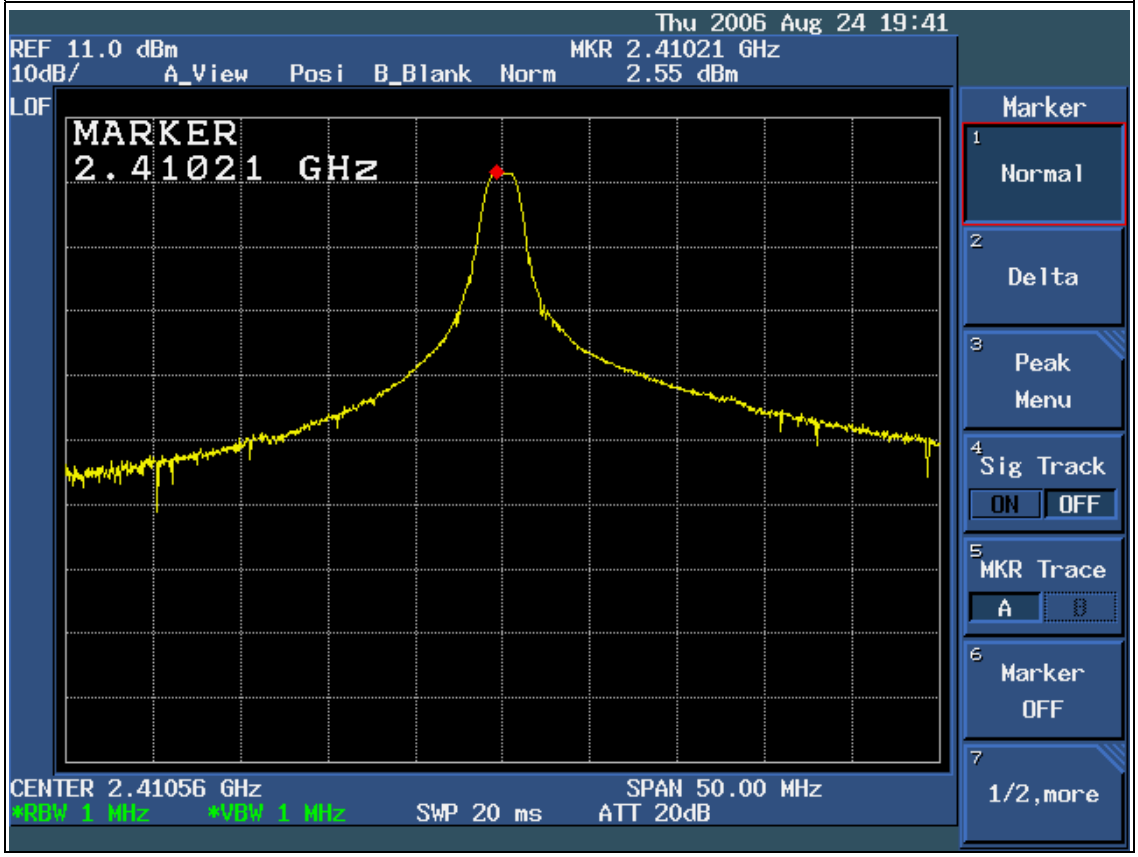
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

8.1.6 TEST RESULTS

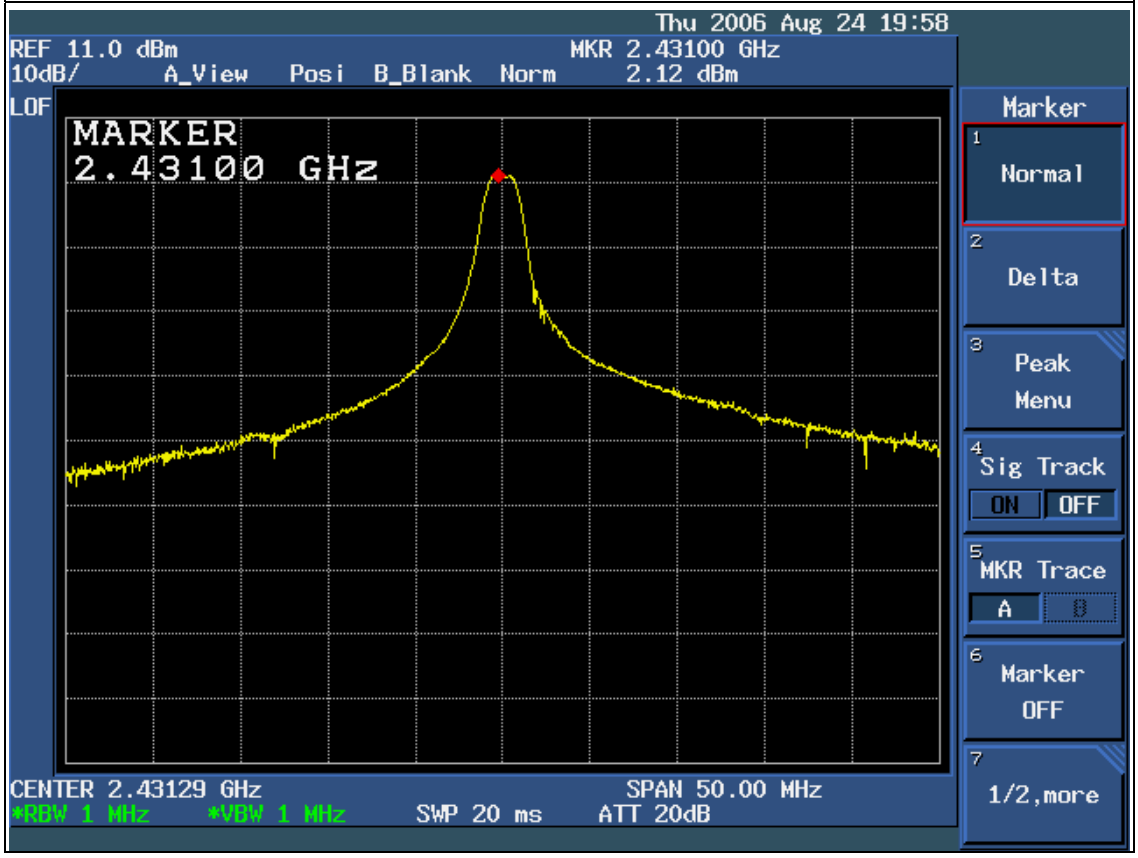
EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	27 ℃	Relative Humidity：	58 %
Pressure：	1004 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 01/ CH 13 /CH 25		

Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH01	2410.21	2.55	30	1
CH13	2431.00	2.12	30	1
CH25	2451.58	1.91	30	1

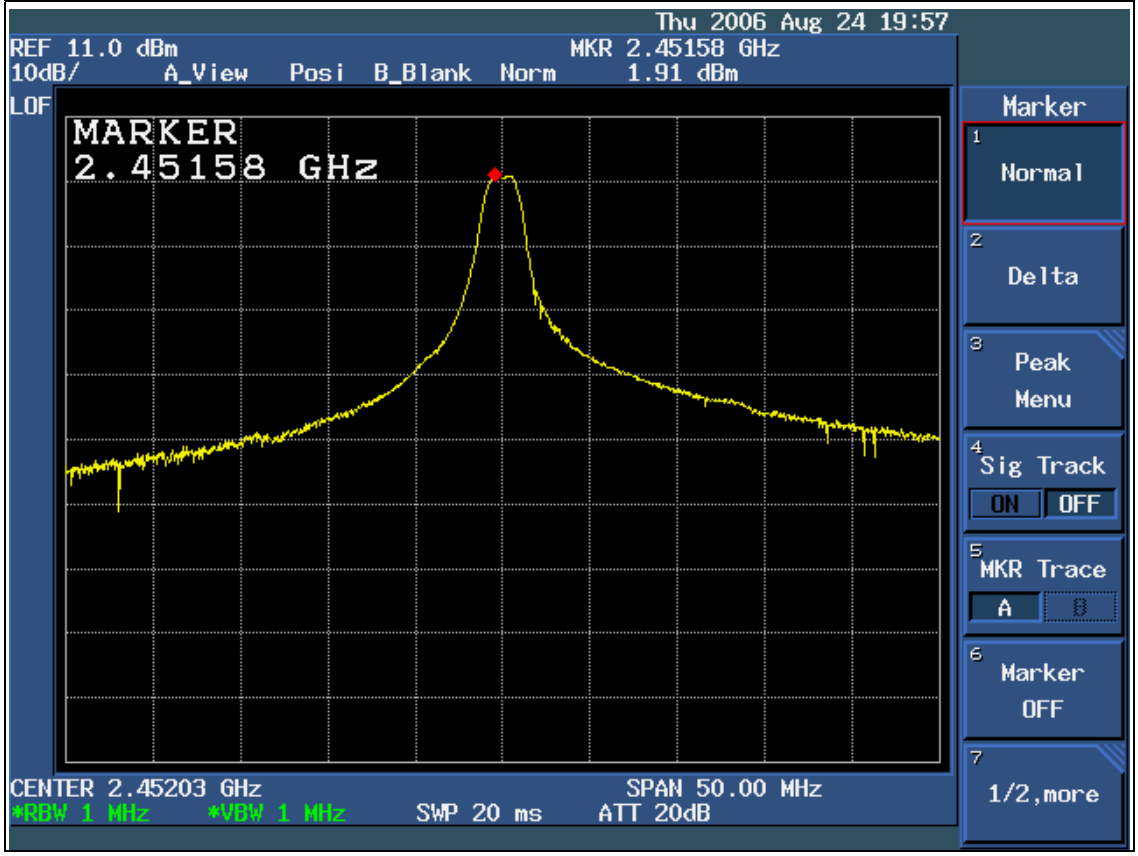
CH01



CH13


Thu 2006 Aug 24 19:58
REF 11.0 dBm
10dB/
A_View
Posi
B_Blank
Norm
MKR 2.43100 GHz
2.12 dBm
LOF
MARKER
2.43100 GHz
CENTER 2.43129 GHz
SPAN 50.00 MHz
*RBW 1 MHz
*VBW 1 MHz
SWP 20 ms
ATT 20dB
Marker
1 Normal
2 Delta
3 Peak Menu
4 Sig Track
ON OFF
5 MKR Trace
A
6 Marker OFF
7 1/2,more

CH25


Thu 2006 Aug 24 19:57
REF 11.0 dBm
10dB/
A_View
Posi
B_Blank
Norm
MKR 2.45158 GHz
1.91 dBm
LOF
MARKER
2.45158 GHz
CENTER 2.45203 GHz
SPAN 50.00 MHz
*RBW 1 MHz
*VBW 1 MHz
SWP 20 ms
ATT 20dB
Marker
1 Normal
2 Delta
3 Peak Menu
4 Sig Track
ON OFF
5 MKR Trace
A
6 Marker OFF
7 1/2,more

9. ANTENNA CONDUCTED SPURIOUS EMISSION

9.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247 (c)	Antenna conducted Spurious Emission	20dB less than the peak value of fundamental frequency	30-25000	PASS

9.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP_40	100129	Jan. 09, 2007

Remark: ” N/A” denotes No Model No. , Serial No. or No Calibration specified.

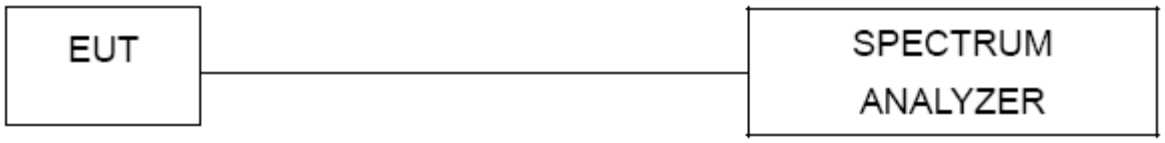
9.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
b. Spectrum Setting : RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms.

9.1.3 DEVIATION FROM STANDARD

No deviation.

9.1.4 TEST SETUP



9.1.5 EUT OPERATION CONDITIONS

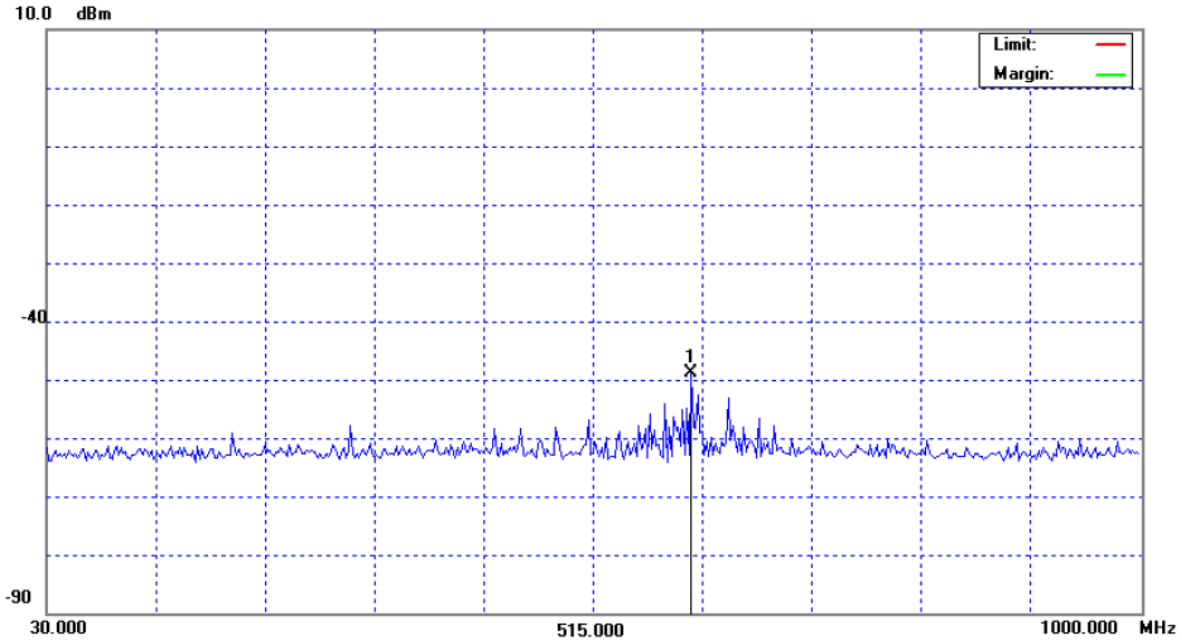
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

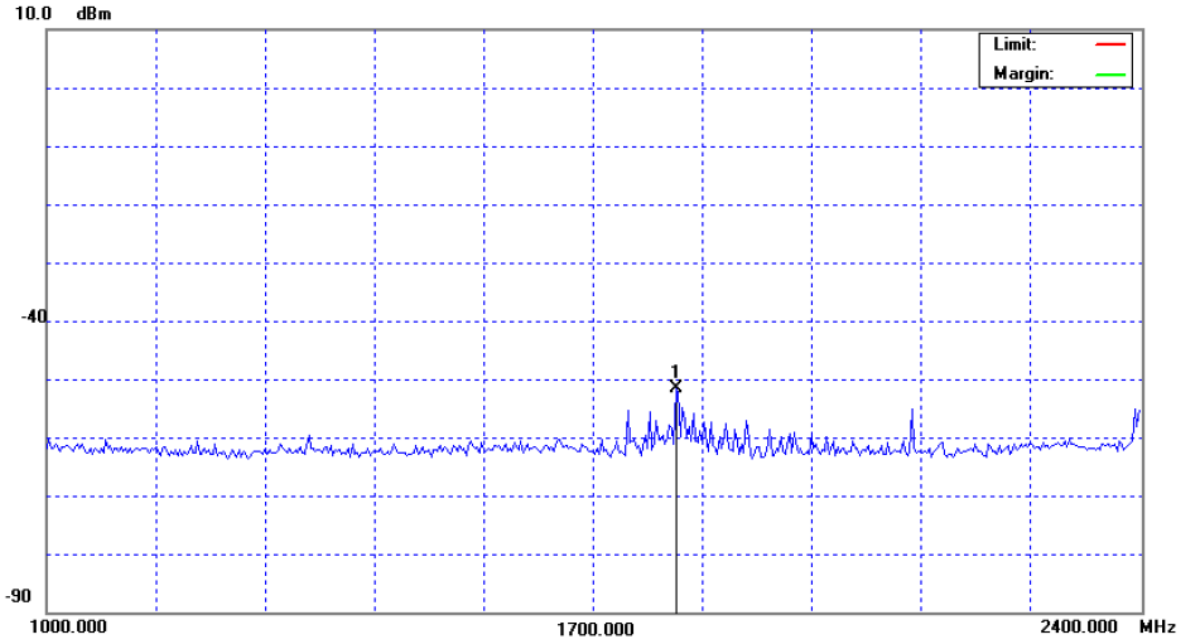
9.1.6 TEST RESULTS

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	27 ℃	Relative Humidity：	58 %
Pressure：	1004 hPa	Test Power ：	DC 3.6V
Test Mode ：	FHSS & DSSS CH 01 / CH 13 /CH 25		

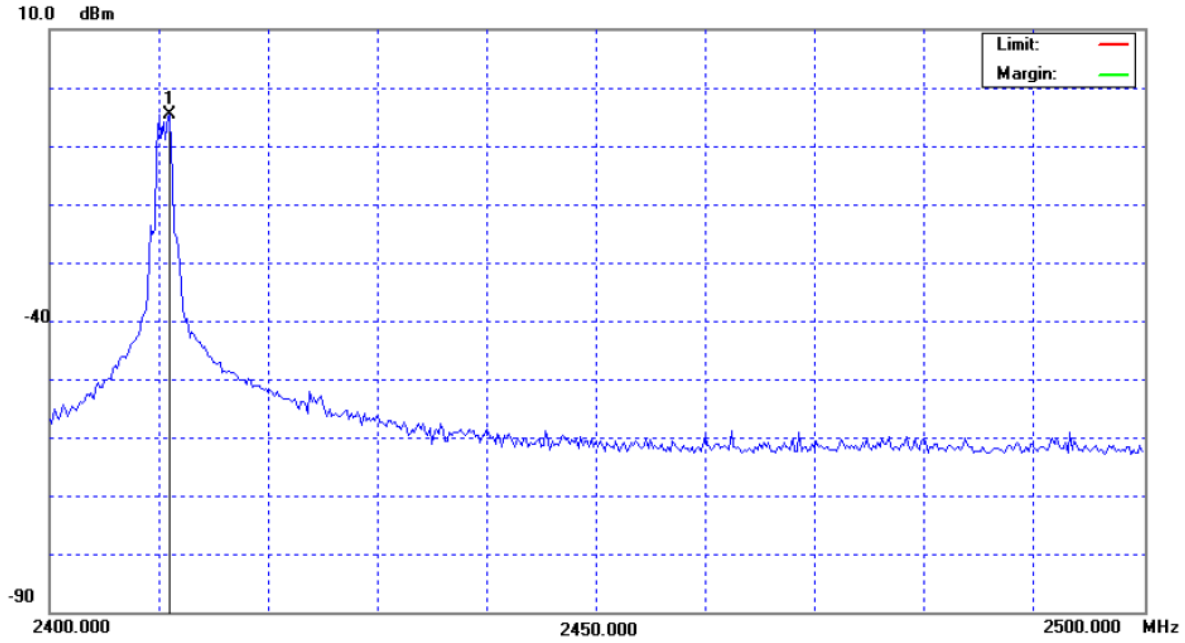
The max. radio frequency power in any 100kHz bandwidth outside the frequency band		The max. radio frequency power in any 100 kHz bandwidth within the frequency band.	
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)
1820.4	-48.41	2431.296	1.05
Result			
In any 100kHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100kHz bandwidth within the band that contains the highest lever of the desired power.			

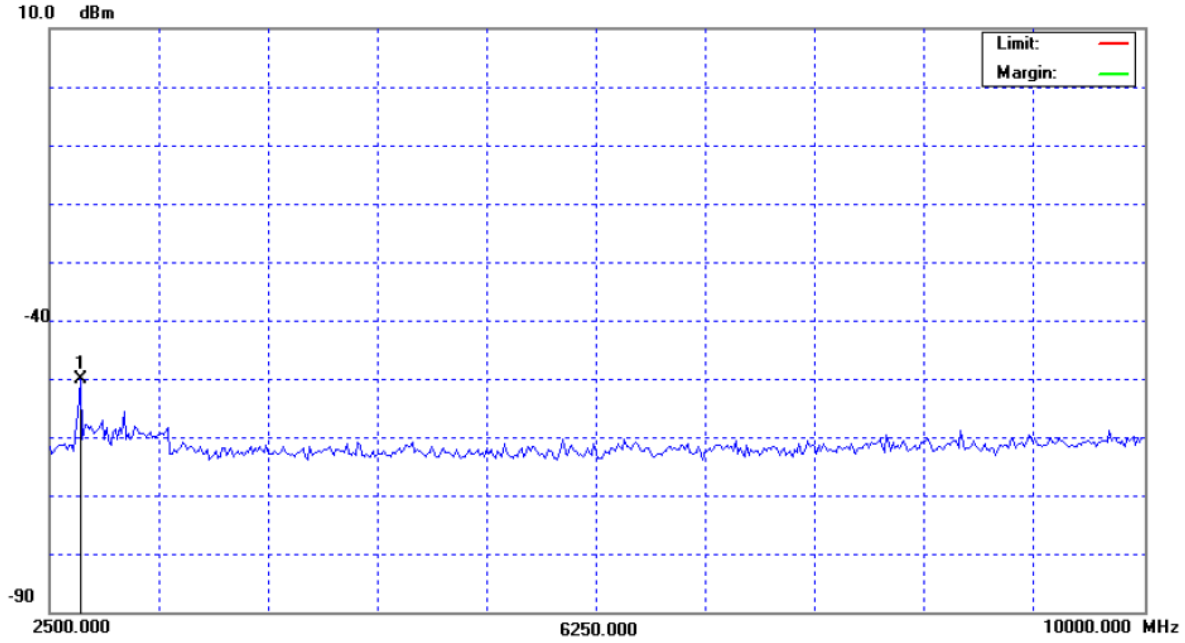
CH01


10.0 dBm
Limit:
Margin:
-40
-90
1
30.000
515.000
1000.000 MHz

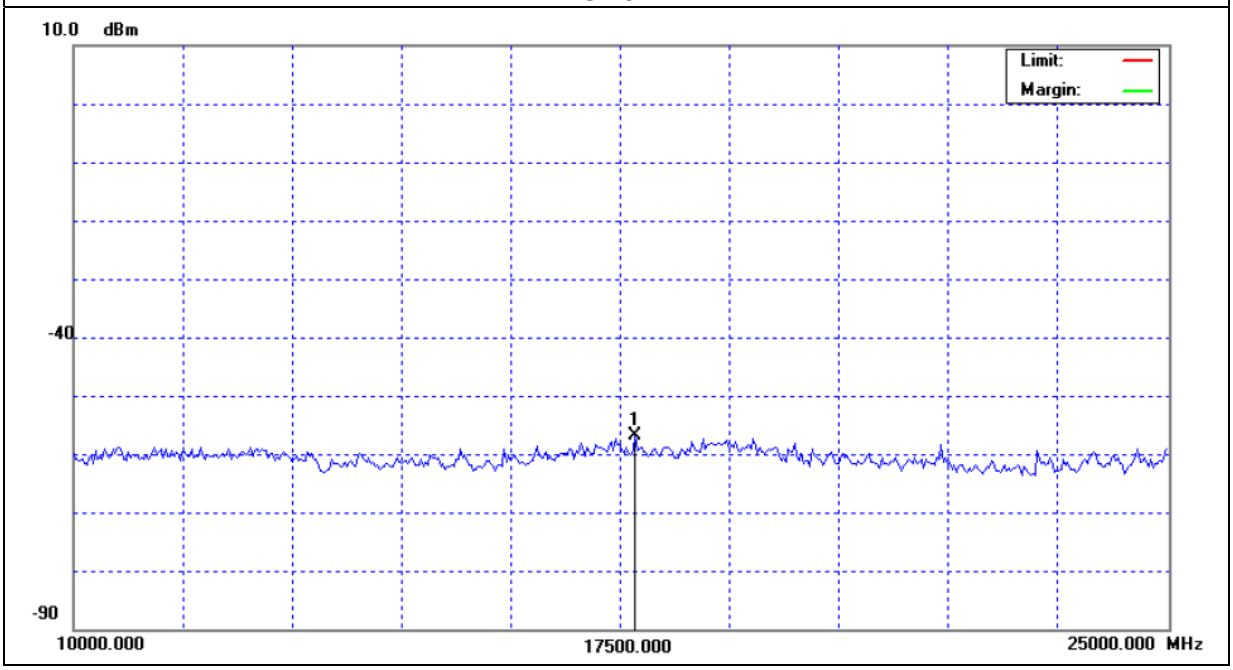

10.0 dBm
Limit:
Margin:
-40
-90
1
1000.000
1700.000
2400.000 MHz

CH01

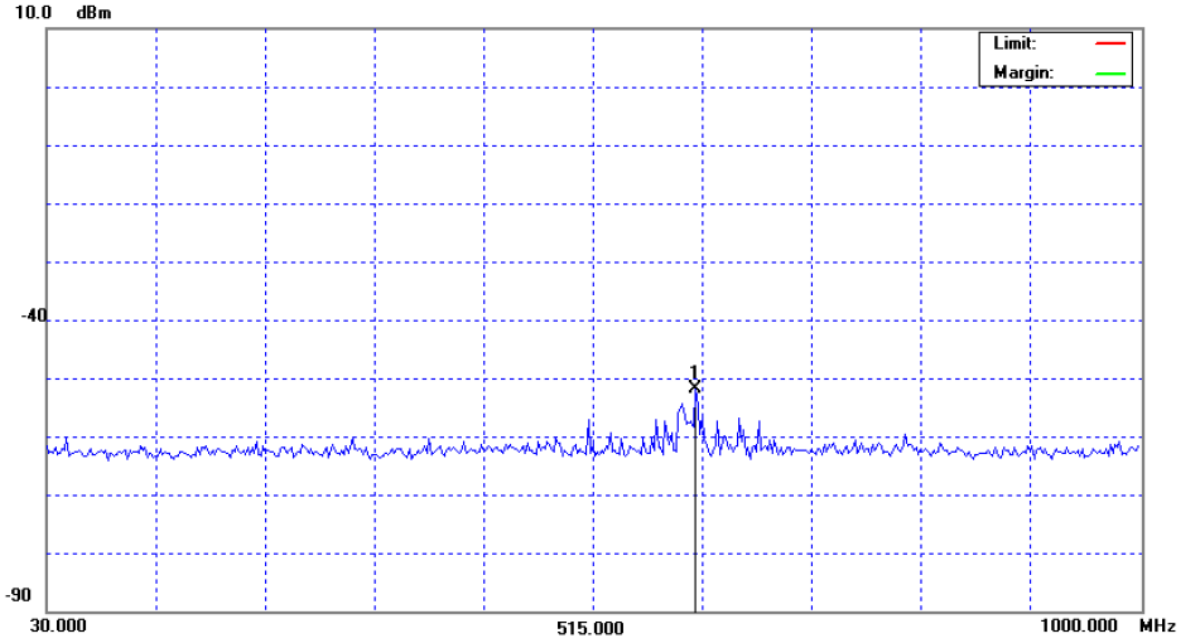

10.0 dBm
Limit:
Margin:
1
-40
-90
2400.000
2450.000
2500.000 MHz

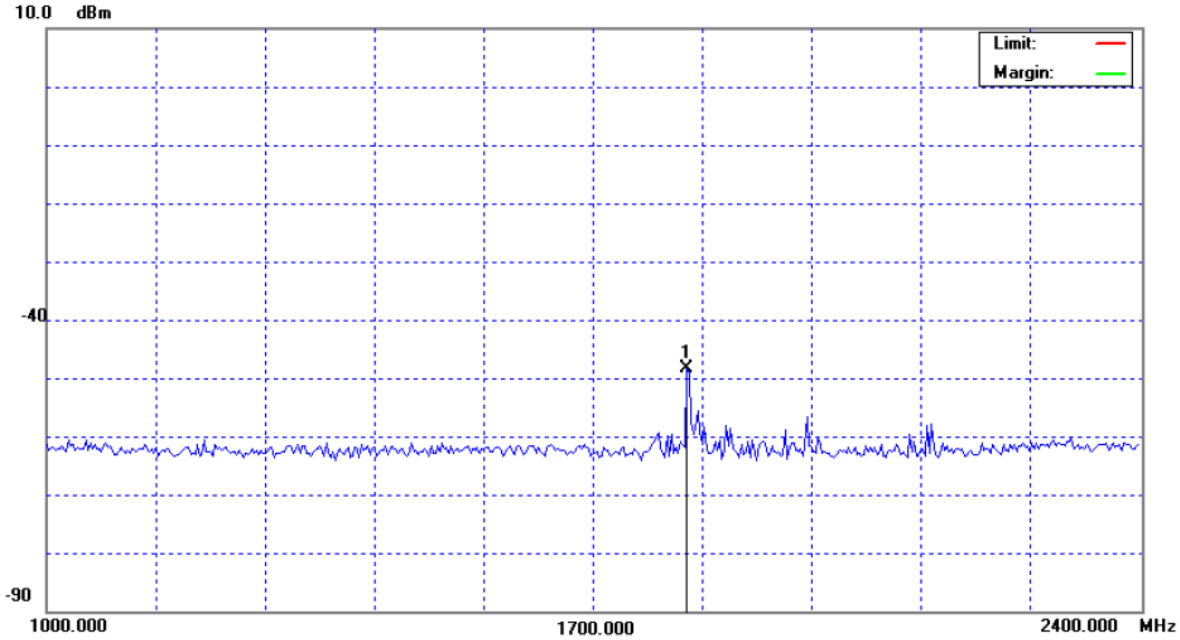

10.0 dBm
Limit:
Margin:
1
-40
-90
2500.000
6250.000
10000.000 MHz

CH01

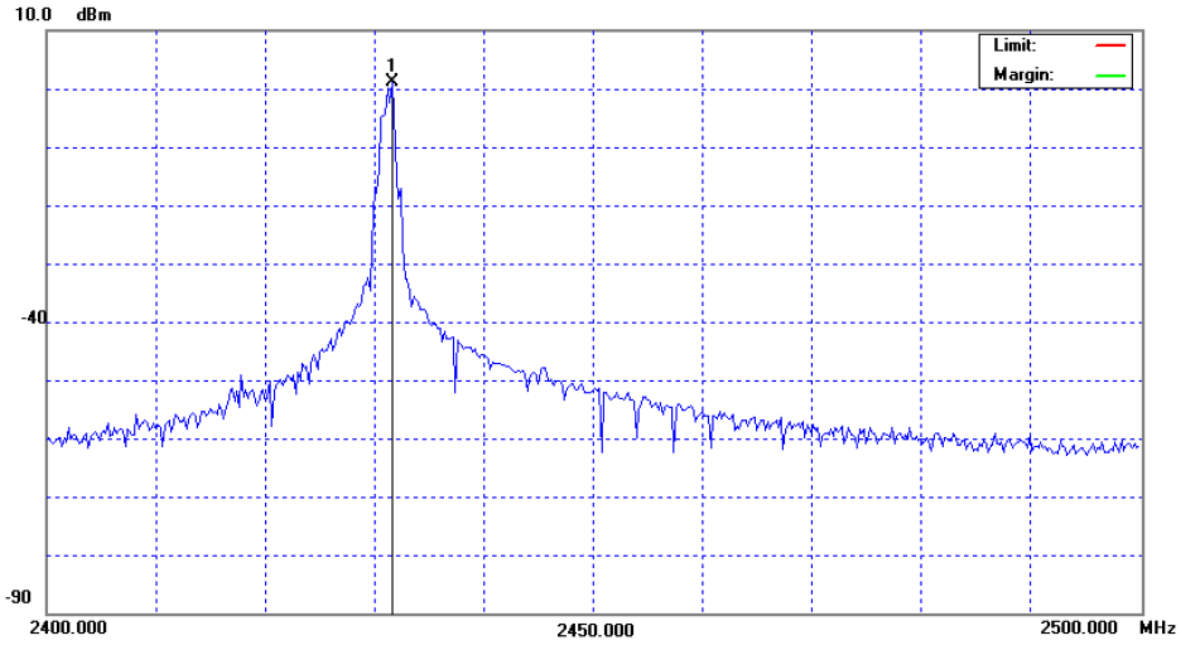


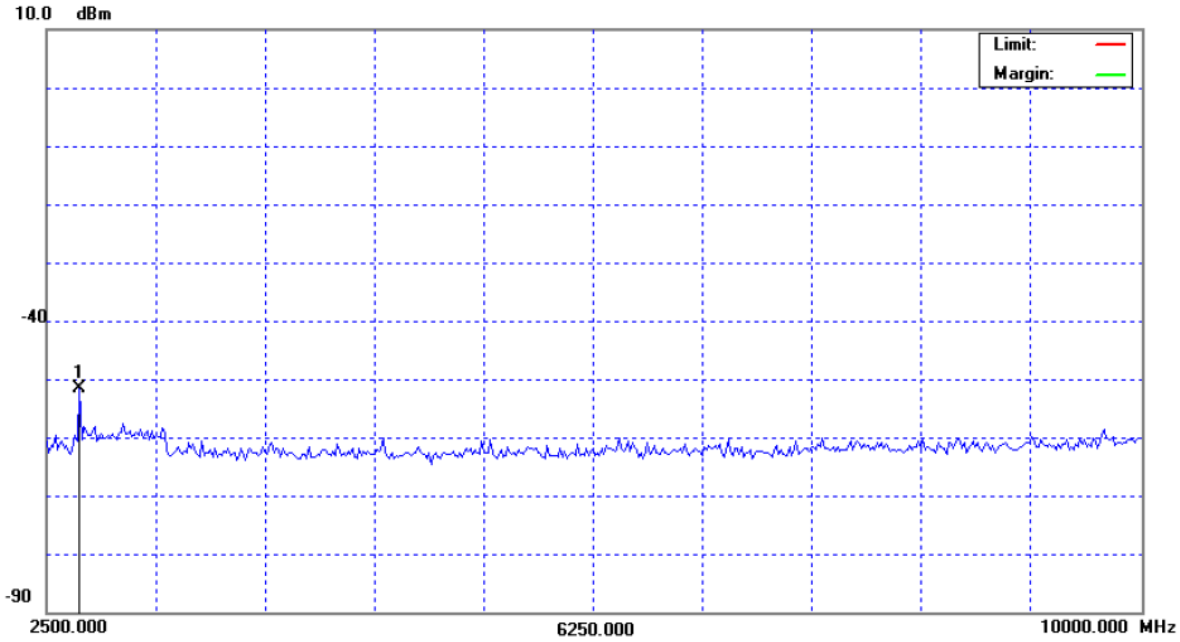
CH13


10.0 dBm
Limit:
Margin:
-40
-90
1
30.000
515.000
1000.000 MHz

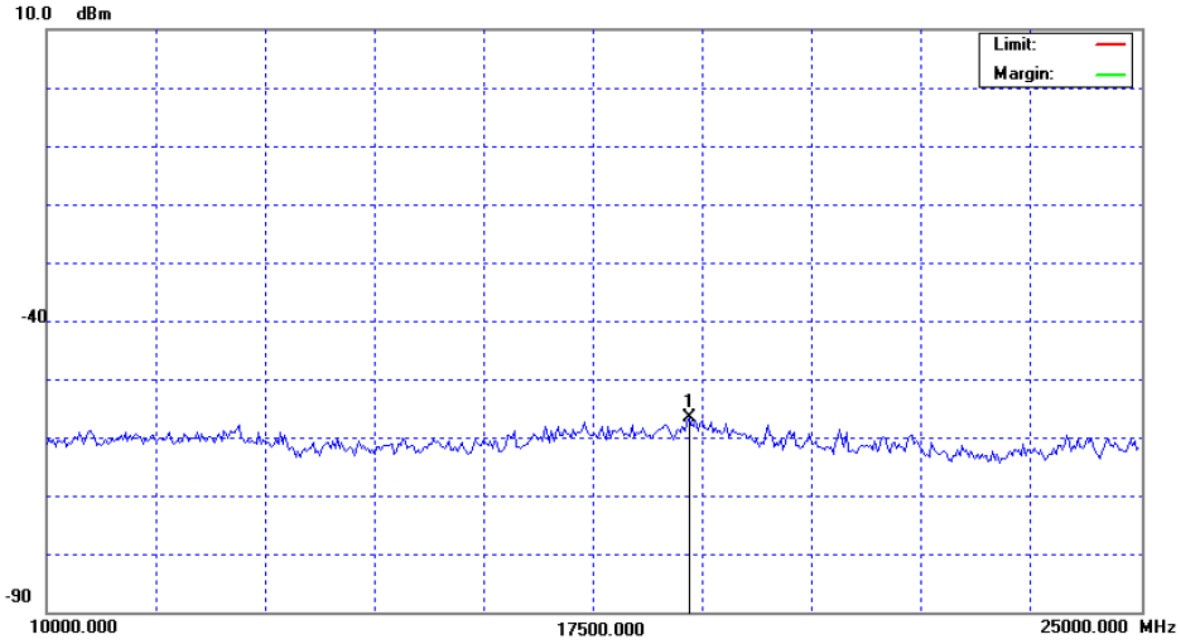

10.0 dBm
Limit:
Margin:
-40
-90
1
1000.000
1700.000
2400.000 MHz

CH13

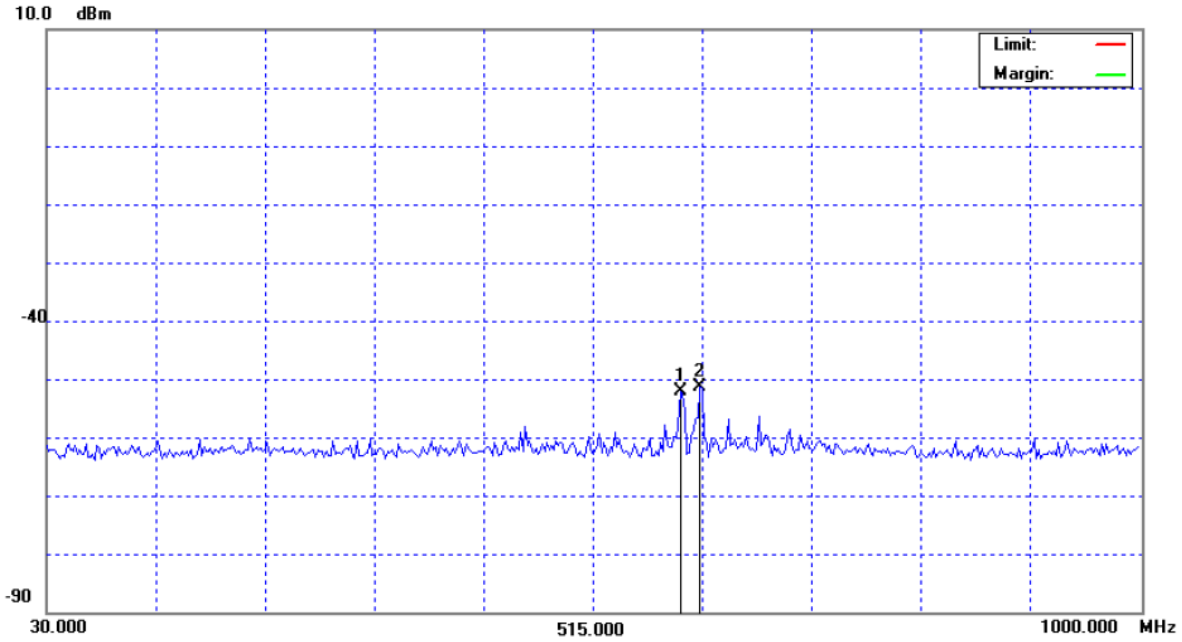

10.0 dBm
Limit:
Margin:
1
-40
-90
2400.000
2450.000
2500.000 MHz

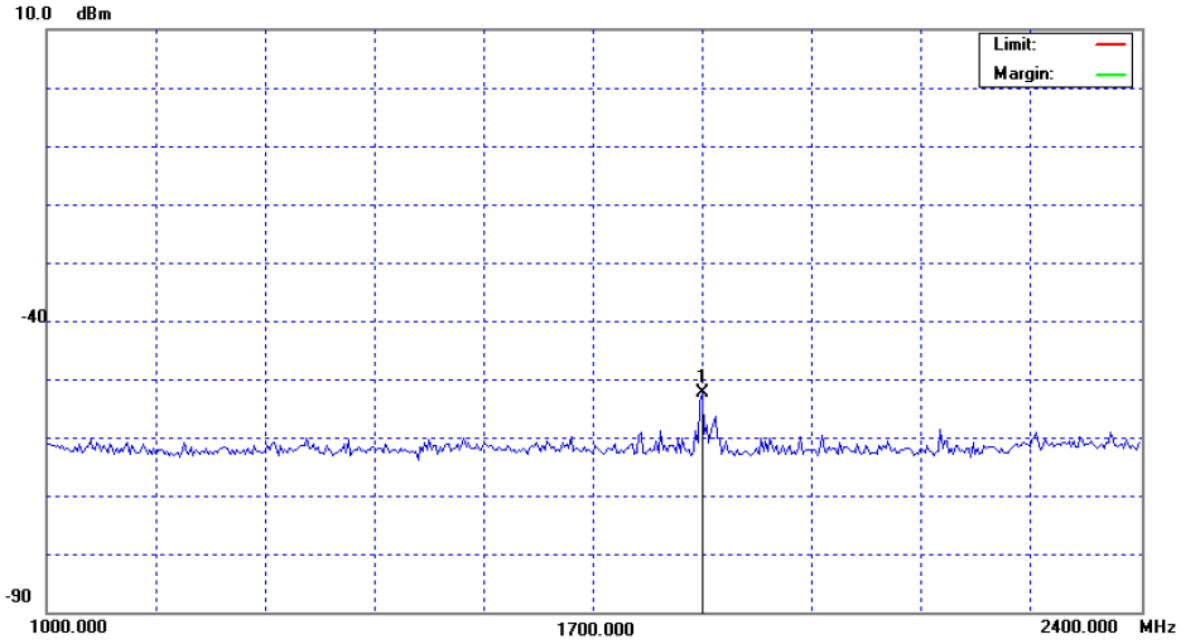

10.0 dBm
Limit:
Margin:
1
-40
-90
2500.000
6250.000
10000.000 MHz

CH13

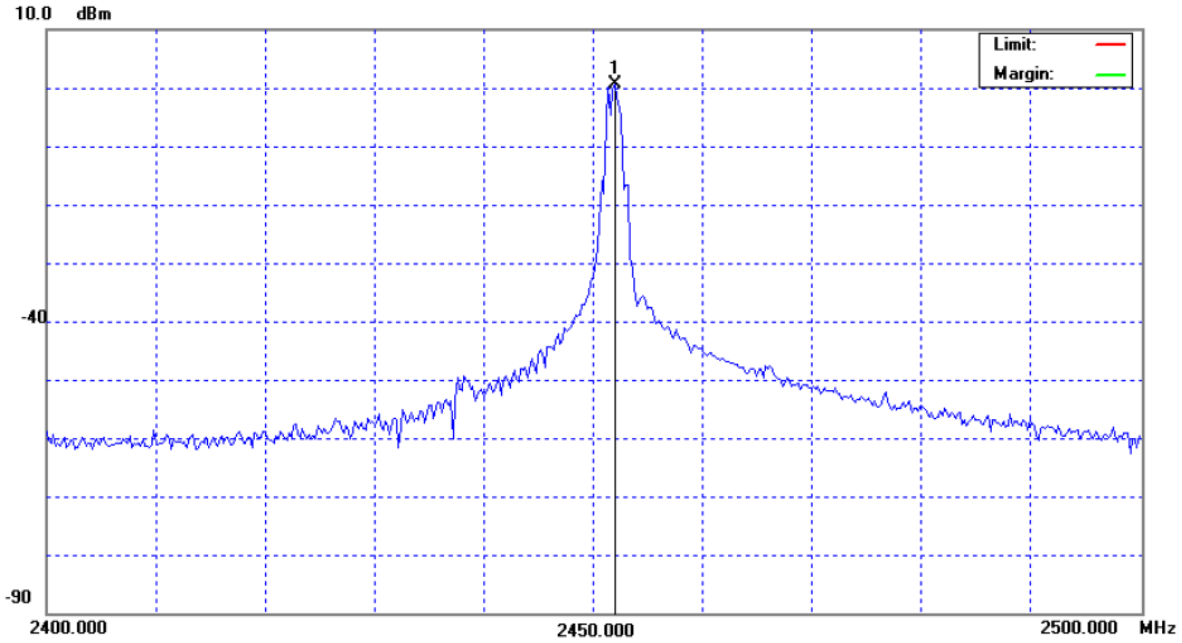


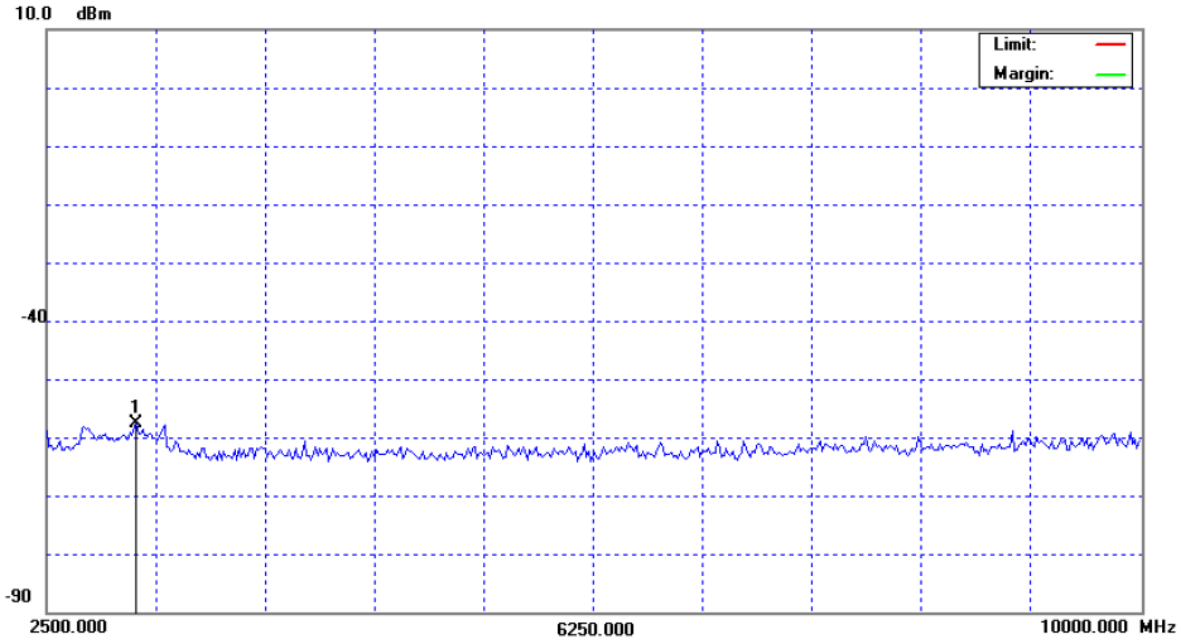
CH25


10.0 dBm
Limit:
Margin:
-40
-90
1
2
30.000
515.000
1000.000 MHz

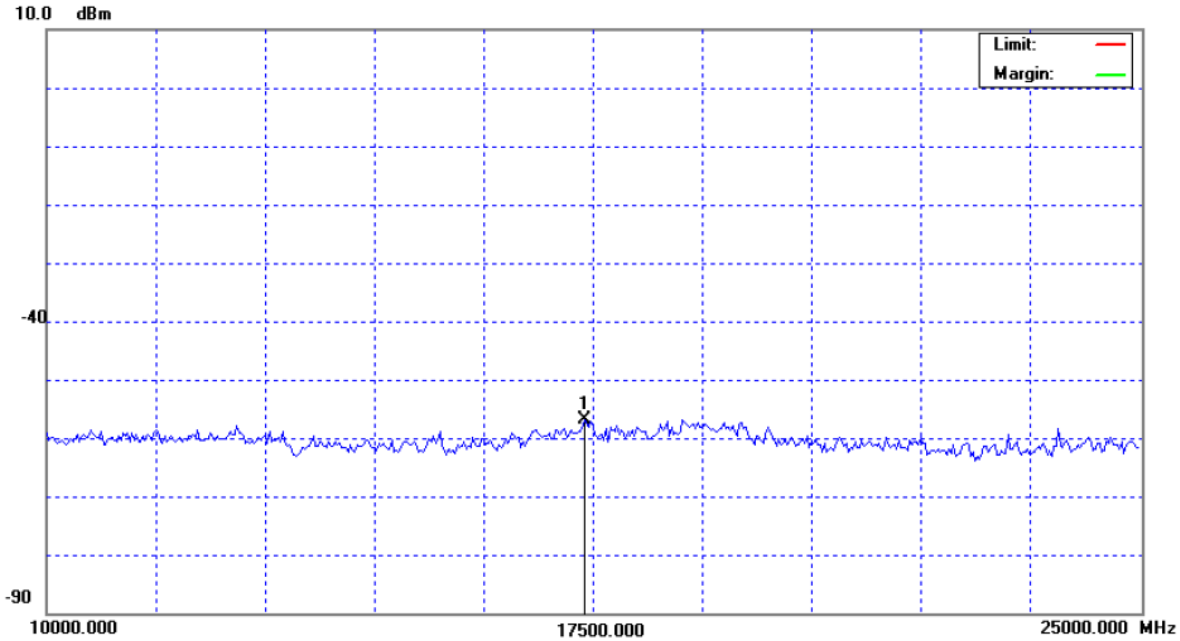

10.0 dBm
Limit:
Margin:
-40
-90
1
1000.000
1700.000
2400.000 MHz

CH25


10.0 dBm
Limit:
Margin:
1
-40
-90
2400.000
2450.000
2500.000 MHz


10.0 dBm
Limit:
Margin:
-40
1
-90
2500.000
6250.000
10000.000 MHz

CH25



10. POWER SPECTRAL DENSITY TEST

10.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247 (d)	Power Spectral Density	8 dBm (in any 3KHz)	2400-2483.5	PASS

10.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	ADVAN TEST	R3132	81700025	Feb. 21, 2007

Remark: ” N/A” denotes No Model No. , Serial No. or No Calibration specified.

10.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
b. Spectrum Setting : RBW=3KHz, VBW=3KHz, Sweep time = 200s.
c. The hopping operation turned off.

10.1.3 DEVIATION FROM STANDARD

No deviation.

10.1.4 TEST SETUP

10.1.5 EUT OPERATION CONDITIONS

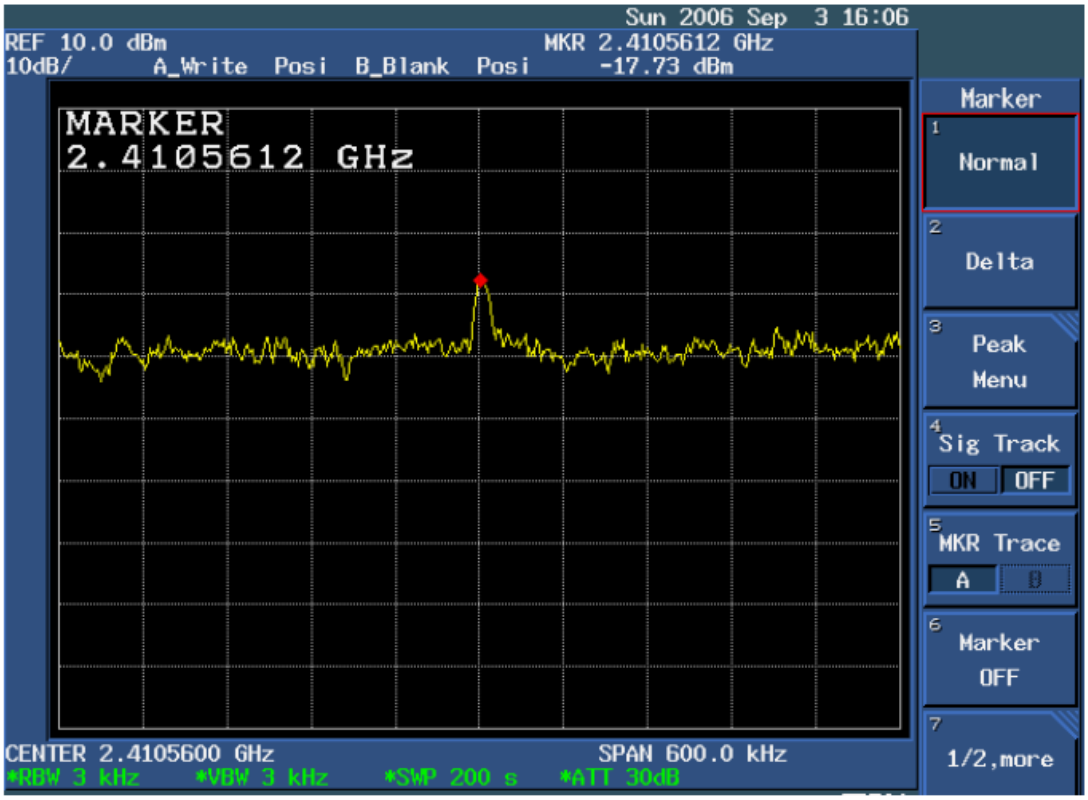
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

10.1.6 TEST RESULTS

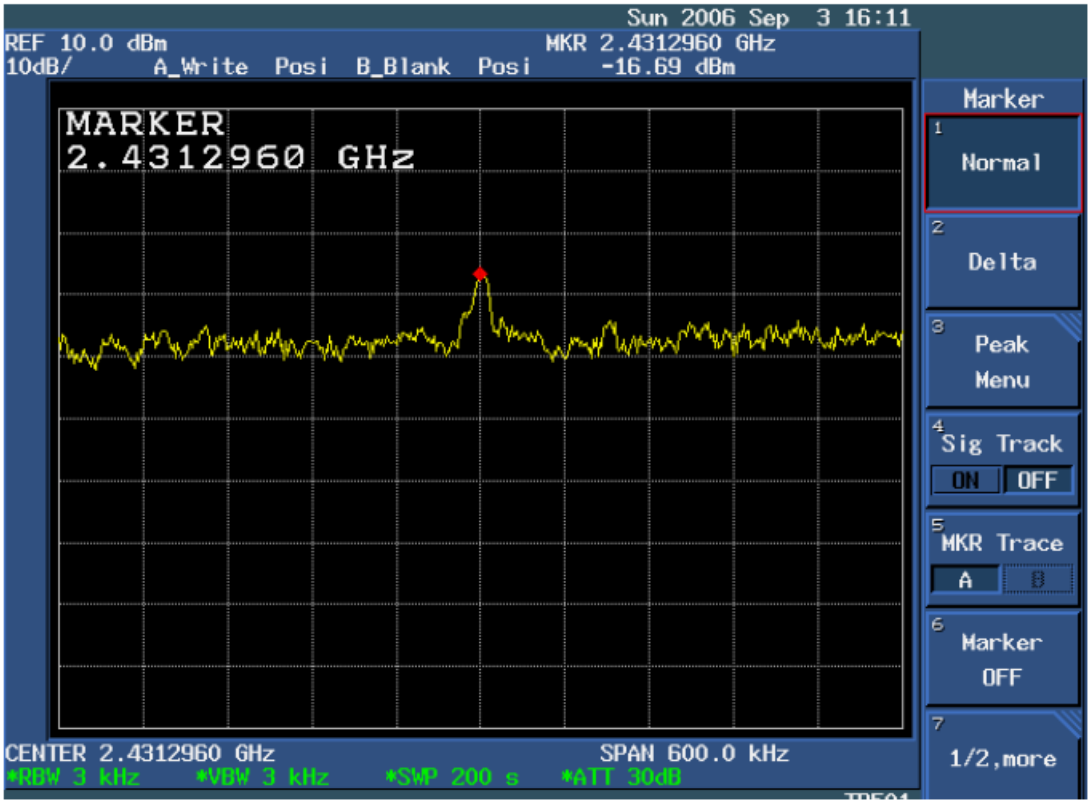
EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	27 ℃	Relative Humidity：	58 %
Pressure：	1004 hPa	Test Power ：	DC 3.6V
Test Mode ：	CH 01 / CH 13 / CH 25		

DSSS			
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)
CH01	2410.56	-17.73	8
CH13	2431.296	-16.69	8
CH25	2452.032	-18.68	8

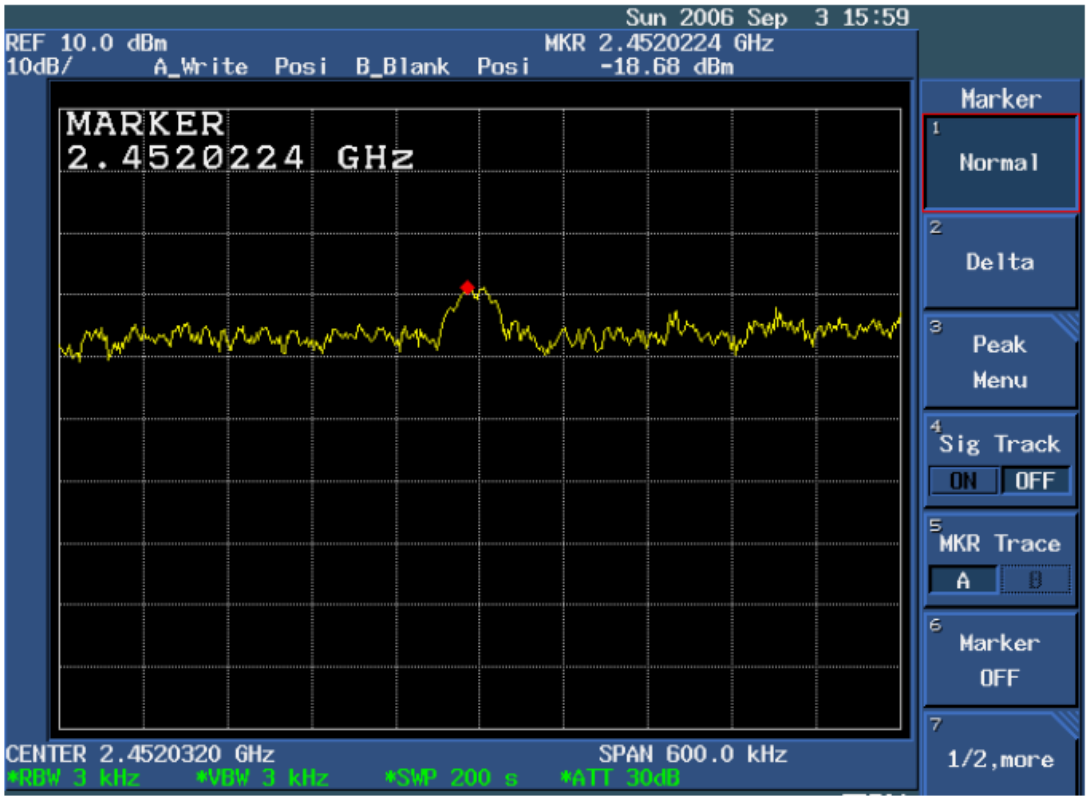
CH01



CH13


Sun 2006 Sep 3 16:11
REF 10.0 dBm
10dB/ A_Write Posi B_Blank Posi
MKR 2.4312960 GHz
-16.69 dBm
MARKER
2.4312960 GHz
CENTER 2.4312960 GHz
SPAN 600.0 kHz
*RBW 3 kHz *VBW 3 kHz *SWP 200 s *ATT 30dB
Marker
1 Normal
2 Delta
3 Peak Menu
4 Sig Track
ON OFF
5 MKR Trace
A B
6 Marker OFF
7 1/2,more

CH25


Sun 2006 Sep 3 15:59
REF 10.0 dBm
10dB/ A_Write Posi B_Blank Posi
MKR 2.4520224 GHz
-18.68 dBm
MARKER
2.4520224 GHz
CENTER 2.4520320 GHz
SPAN 600.0 kHz
*RBW 3 kHz *VBW 3 kHz *SWP 200 s *ATT 30dB
Marker
1 Normal
2 Delta
3 Peak Menu
4 Sig Track
ON OFF
5 MKR Trace
A B
6 Marker OFF
7 1/2,more

11. RF EXPOSURE TEST

11.1 APPLIED PROCEDURES / LIMIT

Based upon the new TCB exclusion list published by FCC on July 2002	
Frequency Range(MHz)	Limit (mw)
2402-2480	**60/f(GHz)** note: f (GHz) is the mid band frequency of transmitter

11.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	ADVAN TEST	R3132	81700025	Feb. 21, 2007

Remark: ” N/A” denotes No Model No. , Serial No. or No Calibration specified.

11.1.2 TEST RESULTS

EUT：	SKYPE PHONE	Model No. ：	SWP-36288+1
Temperature：	27 ℃	Relative Humidity：	58 %
Pressure：	1004 hPa	Test Power ：	DC 3.6V
Test Mode ：	As bellow		

Test Mode ： CH01, CH13, CH25				Channel of worst data：CH01	
Peak output power P(dBm)	Ant Gain G(dBi)	EIRP (1)=P+G (dBm)	EIRP (1)=P+G mW	LIMIT(2) (mw)	Result
2.55	-0.71	1.84	1.53	24.5	Note(3)

NOTE:

(1) The EUT was used conducted measurement to test this item.
(2) LIMIT=60/2.441(GHz)=24.5(mw)
(3) This device hasn't to submit the test report of SAR evaluation.