FCC Radio Test Report
FCC ID: QISD2-6114

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

Issued Date	**:**	Mar. 04, 2013
Project No.	**:**	1302C056
Equipment	**:**	Smart Phone
Model Name	**:**	HUAWEI D2-6114; D2-6114; HW-03E
Applicant	**:**	Huawei Technologies Co.,Ltd.
Address	**:**	Bantian, Longgang District, Shenzhen China

Tested by:
Neutron Engineering Inc. EMC Laboratory
Date of Receipt: Feb. 22, 2013
Date of Test:
Feb. 22, 2013 ~ Mar. 01, 2013

Testing Engineer : David Mao
(David Mao)

Technical Manager : Leo Hung
(Leo Hung)

Authorized Signatory : Steven Lu
(Steven Lu)

Neutron Engineering Inc.

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

Declaration

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

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Limitation

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

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1. CERTIFICATION

Equipment	:	Smart Phone
Brand Name	:	HUAWEI
Model Name	:	HUAWEI D2-6114; D2-6114; HW-03E
Applicant	:	Huawei Technologies Co.,Ltd.
Date of Test	:	Feb. 22, 2013 ~ Mar. 01, 2013
Test Item	:	ENGINEERING SAMPLE
Standards	:	FCC Part15, Subpart E(15.407) / ANSI C63.4 : 2009; FCC KDB 789033 D01 General UNII Test Procedures v01r01.

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-1-1302C056) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP and TAF according to the ISO-17025 quality assessment standard and technical standard(s).

Test result included in this report is only for the 5150MHz~5250MHz;5250MHz~5350MHz; Mode part of the product.

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part15, Subpart E			
Standard Section	Test Item	Judgment	Remark
15.207	AC Power Line Conducted Emissions	PASS	
15.407(a)	26dB Spectrum Bandwidth	PASS	
15.407(a)	Maximum Conducted Output Power	PASS	
15.407(a)	Power Spectral Density	PASS	
15.407(a)	Peak Excursion	PASS	
15.407(a)	Radiated Emissions	PASS	
15.407(b)	Band Edge Emissions	PASS	
15.407(b)	Frequency Stability	PASS	
15.407(g) 15.203	Antenna Requirements	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 **DG-C02/DG-CB03** at the location of No.3,Jinshagang 1st Road, ShiXia, Dalang Town, Dong Guan, China.523792
Neutron's test firm number for FCC 319330

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
DG-C02	CISPR	150 KHz ~ 30MHz	1.94	

B. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	Ant. H / V	U，(dB)	NOTE
DG-CB03	CISPR	30MHz ~ 200MHz	V	3.82	
		30MHz ~ 200MHz	H	3.60	
		200MHz ~ 1,000MHz	V	3.86	
		200MHz ~ 1,000MHz	H	3.94	
		1GHz~18GHz	V	4.23	
		18GHz~40GHz	V	4.15	
		1GHz~18GHz	H	4.15	
		18GHz~40GHz	H	4.14	

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

<table>
<tr><td>Equipment</td><td>Smart Phone</td></tr>
<tr><td>Brand Name</td><td>HUAWEI</td></tr>
<tr><td>Model Name</td><td>HUAWEI D2-6114; D2-6114; HW-03E</td></tr>
<tr><td>Mode Different</td><td>Only different is model name.</td></tr>
<tr><td>Product Description</td><td>The EUT is a Smart Phone .
<table>
<tr><td>Operation Frequency</td><td>Band 1:5150MHz~5250MHz
Band 2:5250MHz~5350MHz</td></tr>
<tr><td>Modulation Type</td><td>OFDM</td></tr>
<tr><td>Bit Rate of Transmitter</td><td>11a：6/ 9/12/18/24/36/48/54
11n：MCS0/1/2/3/4/5/6/7</td></tr>
<tr><td>Antenna Designation</td><td rowspan="2">Please see note 3.(Page 9)</td></tr>
<tr><td>Antenna Gain(Peak)</td></tr>
<tr><td>Output Power

Band 1</td><td>802.11a: 13.77dBm
802.11n (20M): 12.75 dBm
802.11n (40M): 12.66 dBm</td></tr>
<tr><td>Output Power

Band 2</td><td>802.11a: 13.77dBm
802.11n (20M): 12.66 dBm
802.11n (40M): 12.53dBm</td></tr>
</table></td></tr>
<tr><td>Product Description</td><td>Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.</td></tr>
<tr><td>Power Source</td><td>1# Supplied from Li-ion Battery.
Model: HB5R1HV
2# Supplied from AC/DC Adapter.(Adapter is not market with EUT)</td></tr>
<tr><td>Power Rating</td><td>1# DC 3.8V 2150mAh(Charging Voltage 4.35V)
2# AC120V/60Hz</td></tr>
</table>

2. Channel List:

802.11a / 802.11n 20M			
Band 1		Band 2	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	52	5260
40	5200	56	5280
44	5220	60	5300
48	5240	64	5320

802.11n 40M			
Band 1		Band 2	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	54	5270
46	5230	62	5310

3.

Antenna Specification:

Ant.	Manufacturer	Model Name	Antenna Type / Connector	Gain (dBi)
1	--	--	Integral	0.9

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
Mode 1	TX A Mode / CH36, CH40, CH48(Band 1) TX A Mode / CH52, CH56, CH64(Band 2)
Mode 2	TX N20 Mode / CH36, CH40, CH48(Band 1) TX N20 Mode / CH52, CH56, CH64(Band 2)
Mode 3	TX N40 Mode / CH38, CH46 (Band 1) TX N40 Mode / CH54, CH62 (Band 2)
Mode 4	Normal Link

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

For Conducted Test	
Final Test Mode	Description
Mode 3	Normal Link

For Radiated Test	
Final Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48(Band 1) TX A Mode / CH52, CH56, CH64(Band 2)
Mode 2	TX N20 Mode / CH36, CH40, CH48(Band 1) TX N20 Mode / CH52, CH56, CH64(Band 2)
Mode 3	TX N40 Mode / CH38, CH46 (Band 1) TX N40 Mode / CH54, CH62 (Band 2)

Note: The EUT is considered a portable unit; it was pre-tested on the positioned of each 3 axis. The worst case was found positioned on X-plane. Therefore only the test data of this X-plane was used for radiated emission measurement test.

3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

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

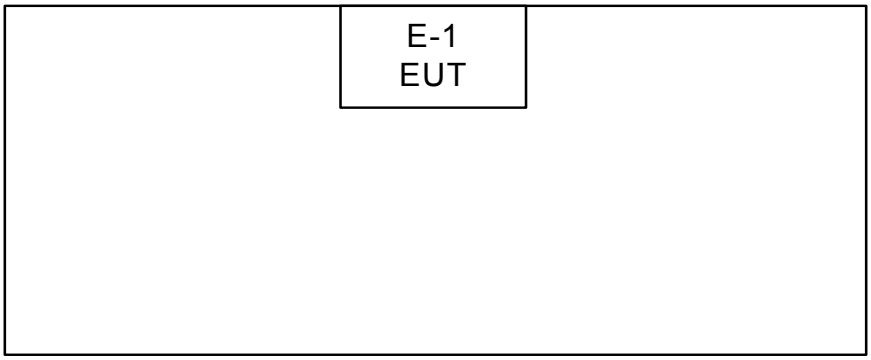
Test software version	Cart		
Frequency	5180 MHz	5200MHz	5240 MHz
A Mode	13500	13500	13500
Frequency	5260 MHz	5280 MHz	5320 MHz
A Mode	13500	13500	13500

Test software version	Cart		
Frequency	5180 MHz	5200MHz	5240 MHz
N20 Mode	13500	13500	13500
Frequency	5260 MHz	5280 MHz	5320 MHz
N20 Mode	13500	13500	13500

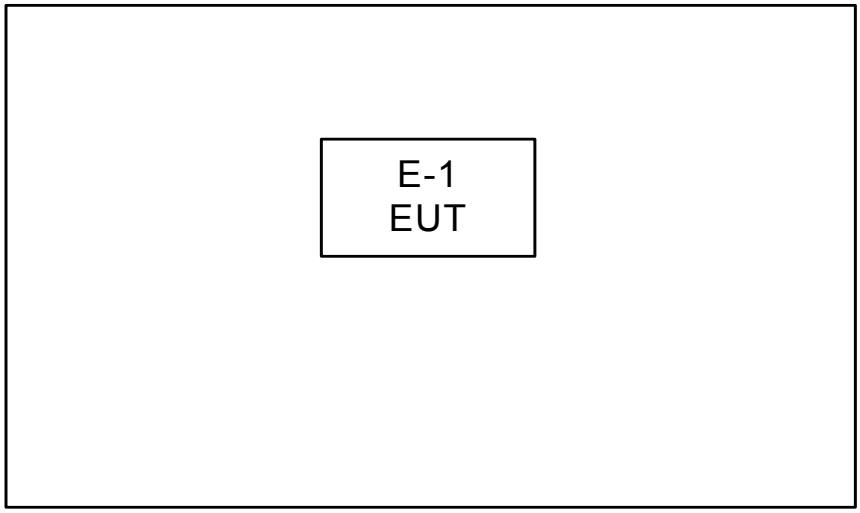
Test software version	Cart	
Frequency	5190 MHz	5230 MHz
N40 Mode	13500	13500
Frequency	5270 MHz	5310 MHz
N40 Mode	13500	13500

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Conducted Mode:



Radiated Mode:



3.5 DESCRIPTION OF SUPPORT UNITS

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

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.	Note
E-1	Smart Phone	HUAWEI	HUAWEI D2-6114	QISD2-6114	N/A	EUT

Item	Shielded Type	Ferrite Core	Length	Note
-	-	-	-	-

Note:

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

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

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

Note:

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

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

4.1.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Next Calibration
1	LISN	EMCO	3816/2	00052765	May.26.2012	May.04.2013
2	LISN	R&S	ENV216	100087	May.26.2012	May.04.2013
3	Test Cable	N/A	C_17	N/A	Mar.18.2012	Mar.28.2013
4	EMI TEST RECEIVER	R&S	ESCS30	826547/022	May.26.2012	May.04.2013
5	50Ω Terminator	SHX	TF2-3G-A	08122902	May.26.2012	May.04.2013

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

All calibration period of Equipment List is One Year.

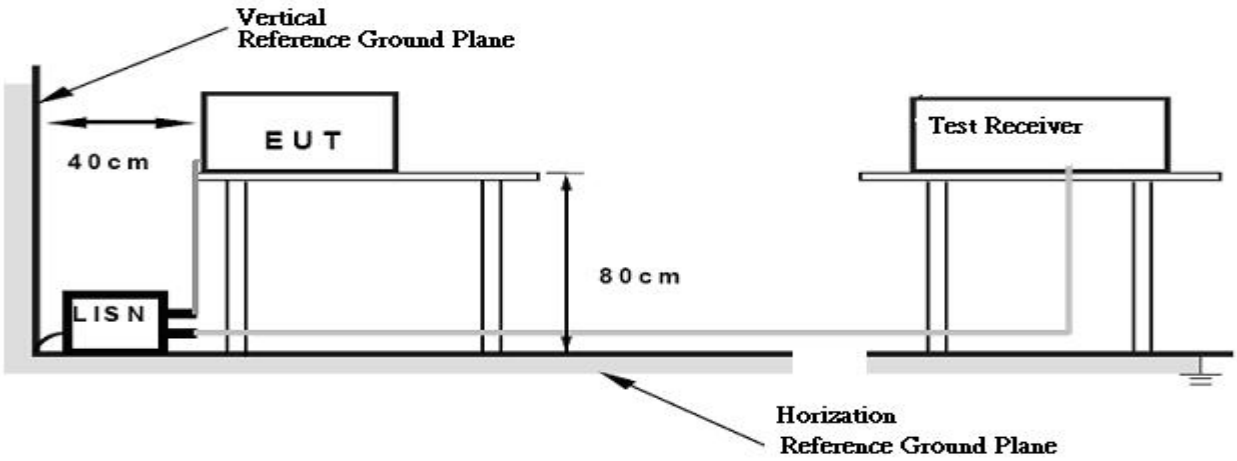
4.1.3 TEST PROCEDURE

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

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 EUT was programmed to be in continuously transmitting/Normal Link mode.

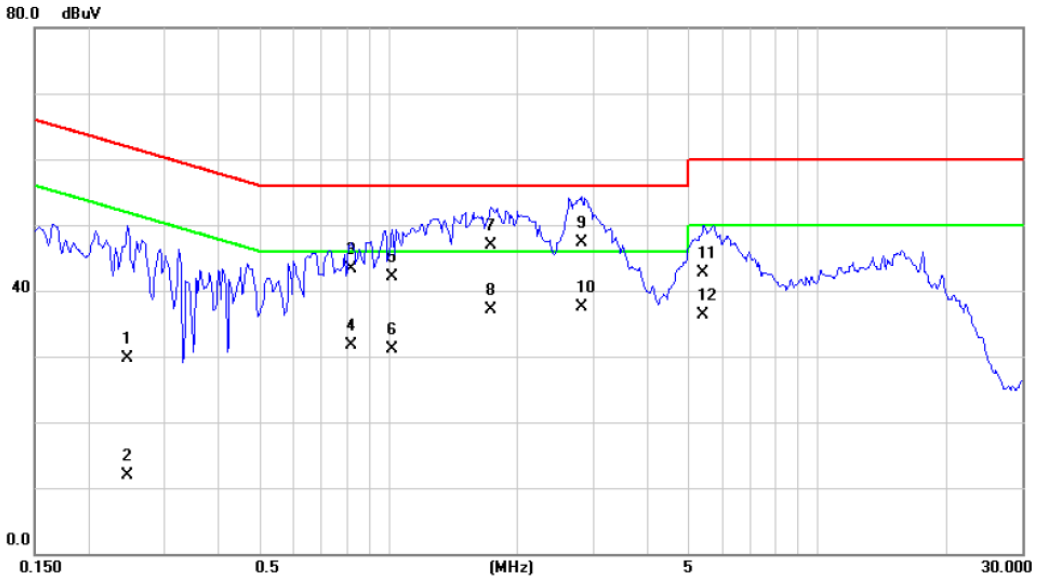
4.1.7 TEST RESULTS

Remark

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

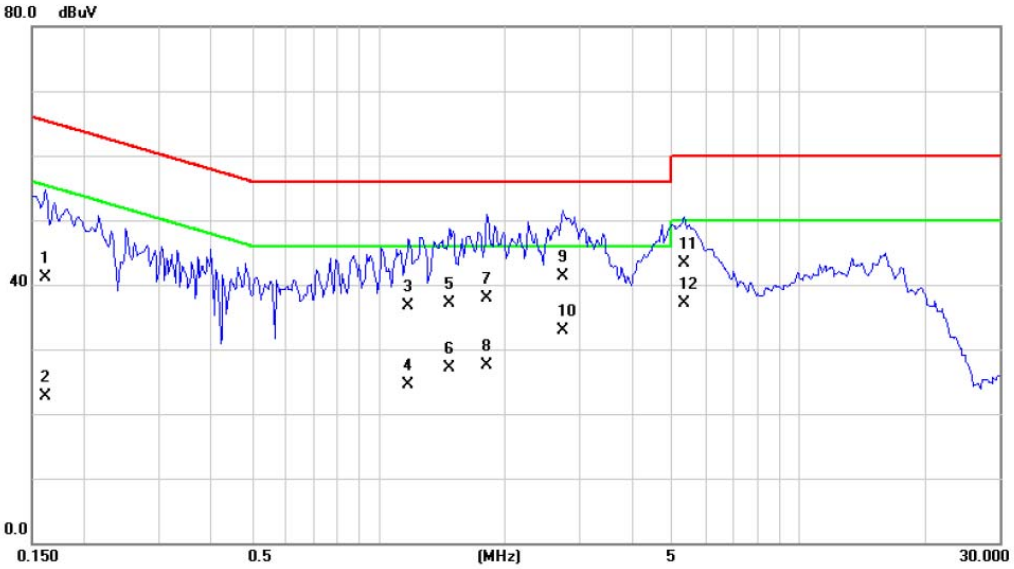
(2) Measuring frequency range from 150KHz to 30MHz ◦

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1010hPa	Test Power ：	DC 3.8V
Test Mode ：	Normal Link	Phase:	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2477	20.20	9.59	29.79	61.83	-32.04	QP	
2		0.2477	2.40	9.59	11.99	51.83	-39.84	AVG	
3		0.8258	33.60	9.69	43.29	56.00	-12.71	QP	
4		0.8258	22.00	9.69	31.69	46.00	-14.31	AVG	
5		1.0211	32.30	9.71	42.01	56.00	-13.99	QP	
6		1.0211	21.30	9.71	31.01	46.00	-14.99	AVG	
7		1.7398	37.20	9.77	46.97	56.00	-9.03	QP	
8		1.7398	27.30	9.77	37.07	46.00	-8.93	AVG	
9		2.8297	37.50	9.84	47.34	56.00	-8.66	QP	
10	*	2.8297	27.70	9.84	37.54	46.00	-8.46	AVG	
11		5.4413	32.80	9.97	42.77	60.00	-17.23	QP	
12		5.4413	26.30	9.97	36.27	50.00	-13.73	AVG	

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1010hPa	Test Power ：	DC 3.8V
Test Mode ：	Normal Link	Phase:	Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1617	31.60	9.53	41.13	65.38	-24.25	QP	
2		0.1617	13.20	9.53	22.73	55.38	-32.65	AVG	
3		1.1812	27.00	9.78	36.78	56.00	-19.22	QP	
4		1.1812	14.80	9.78	24.58	46.00	-21.42	AVG	
5		1.4781	27.30	9.81	37.11	56.00	-18.89	QP	
6		1.4781	17.30	9.81	27.11	46.00	-18.89	AVG	
7		1.8141	28.10	9.86	37.96	56.00	-18.04	QP	
8		1.8141	17.60	9.86	27.46	46.00	-18.54	AVG	
9		2.7360	31.30	9.92	41.22	56.00	-14.78	QP	
10		2.7360	22.90	9.92	32.82	46.00	-13.18	AVG	
11		5.3358	33.20	10.06	43.26	60.00	-16.74	QP	
12	*	5.3358	27.10	10.06	37.16	50.00	-12.84	AVG	

4.2 RADIATED EMISSION MEASUREMENT

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

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	(dBuV/m) (at 1.5m)	
	PEAK	AVERAGE
Above 1000	80	60

Notes:

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

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

(3) Emission level (dBuV/m)=20log Emission level (uV/m).
The limits above 5GHz shall be extrapolated to the specified distance using an extrapolation factor of 20dB/decade form 3m to 1.5m
Distance extrapolation factor = 20 log (3m/1.5m) dB ;
Limit line = specific limits (dBuV) + 6 dB

(4) For the following data, measurements were performed at a separation distance of 1 meter. The field
strength was then converted to EIRP per KDB 789033:
EIRP [dBm] = E[dBuV/m] +20 log(d[meters])-104.77
EIRP is the equivalent isotropically radiated power in Watts
E is the field strength
D is the measurement distance

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

Frequencies (MHz)	EIRP Limit (dBm)	Equivalent Field Strength at 3m (dBμV/m)
5150~5250	-27	68.3
5250~5350	-27	68.3
5470~5725	-27	68.3
5725~5825	-27	68.3
	-17	78.3

NOTE: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength：

$$E=\frac{1000000\sqrt{30P}}{3}$$ μV/m, where P is the eirp (Watts)

4.2.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Next Calibration
1	Antenna	Schwarbeck	VULB9160	9160-3232	Jun .04.2012	May.25.2013
2	Amplifier	HP	8447D	2944A09673	May.26.2012	May.04.2013
3	Test Receiver	R&S	ESCI	100382	May.26.2012	May.04.2013
4	Test Cable	N/A	C-01_CB03	N/A	Jul.01.2012	Jul.01.2013
5	Antenna	ETS	3115	00075789	May.26.2012	May.25.2013
6	Amplifier	Agilent	8449B	3008A02274	May.26.2012	May.04.2013
7	Spectrum	Agilent	E4408B	US39240143	Nov.25.2012	Nov.25.2013
8	Test Cable	HUBER+SUHNER	C-45	N/A	May.04.2012	May.02.2013
9	Controller	CT	SC100	N/A	N/A	N/A
10	Active Loop Antenna	R&S	HFH2-Z2	830749/020	May.26.2012	May.04.2013
11	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Oct.13.2012	Oct.13.2013
12	Horn Antenna	EMCO	3115	9605-4803	May.26.2012	May.25.2013

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

4.2.3 TEST PROCEDURE

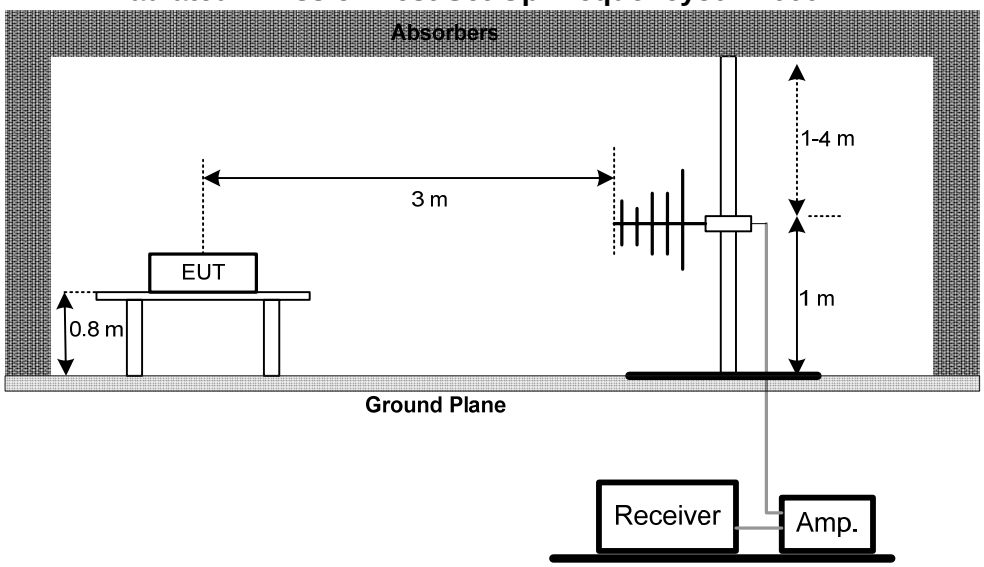
a. The measuring distance of at 1.5 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated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

4.2.4 DEVIATION FROM TEST STANDARD

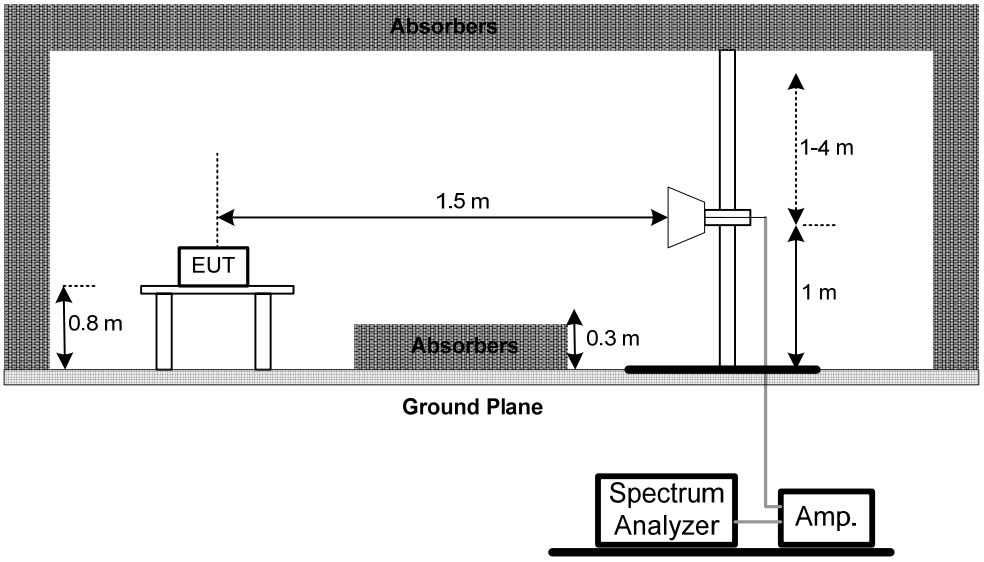
No deviation

4.2.5 TEST SETUP

Radiated Emission Test Set-Up Frequency30 - 1000MHz



Radiated Emission Test Set-Up Frequency Above 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 (BELOW 30MHz)

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	DC 3.8V
Test Mode ：	TX Mode		

Freq. (MHz)	Ant. 0°/90°	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
0.0927	0°	28.55	21.55	50.10	108.26	-58.17	QP
0.0990	0°	42.14	21.42	63.56	107.69	-44.13	QP
0.1033	0°	33.28	21.35	54.63	107.32	-52.70	QP
0.1095	0°	27.31	21.25	48.56	106.82	-58.26	QP
0.5212	0°	21.42	19.87	41.29	73.26	-31.98	QP
1.2624	0°	23.36	19.57	42.93	65.58	-22.65	QP

Freq. (MHz)	Ant. 0°/90°	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
0.0945	90°	31.28	21.51	52.79	108.10	-55.31	QP
0.1036	90°	42.42	21.34	63.76	107.30	-43.53	QP
0.1081	90°	28.19	21.27	49.46	106.93	-57.47	QP
0.5032	90°	23.63	19.81	43.44	73.57	-30.13	QP
0.6204	90°	22.27	20.19	42.46	71.75	-29.30	QP
1.2670	90°	22.93	19.57	42.50	65.55	-23.05	QP

Remark：

(1) The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported ◦

(2) Distance extrapolation factor = 40 log (specific distance / test distance) (dB); ◦

(3) Limit line = specific limits (dBuV) + distance extrapolation factor. ◦

4.2.8 TEST RESULTS-BETWEEN 30MHZ - 1000MHZ

Remark：

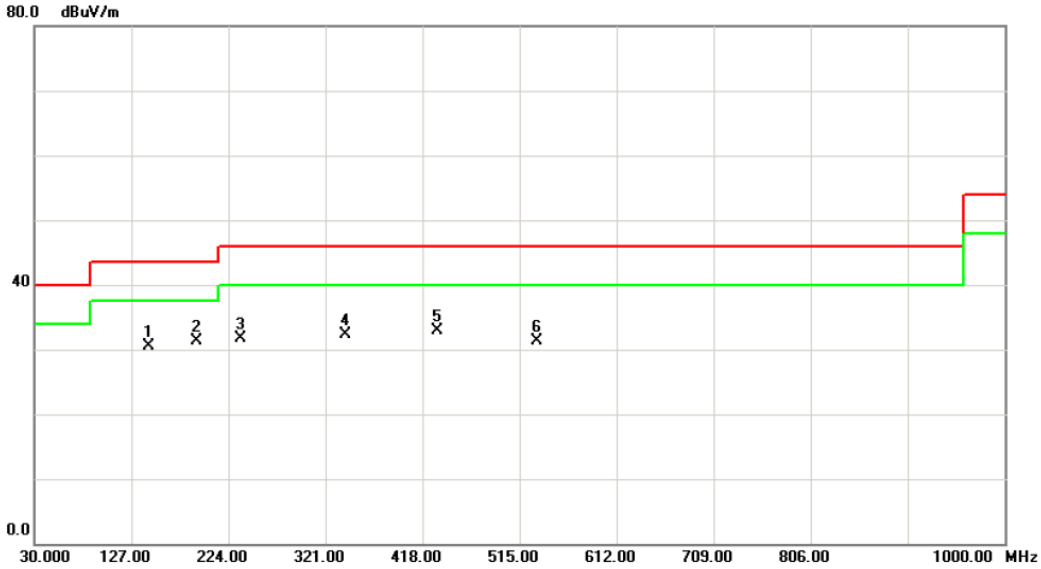
(1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz；SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = 0.3 sec./MHz。

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

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

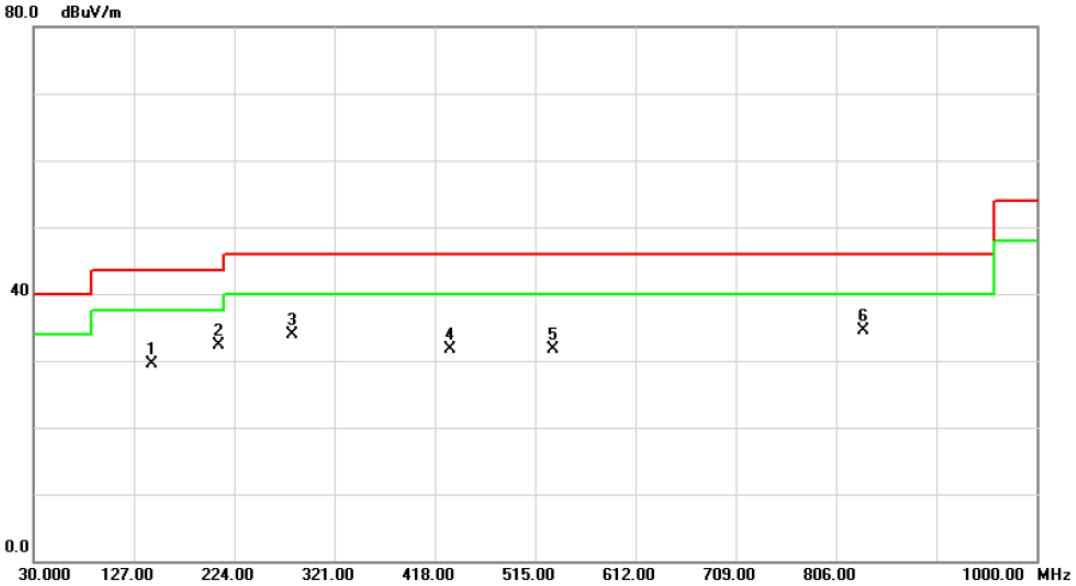
(4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table。

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	DC 3.8V
Test Mode ：	TX A Mode 5180MHz	Phase:	Vertical



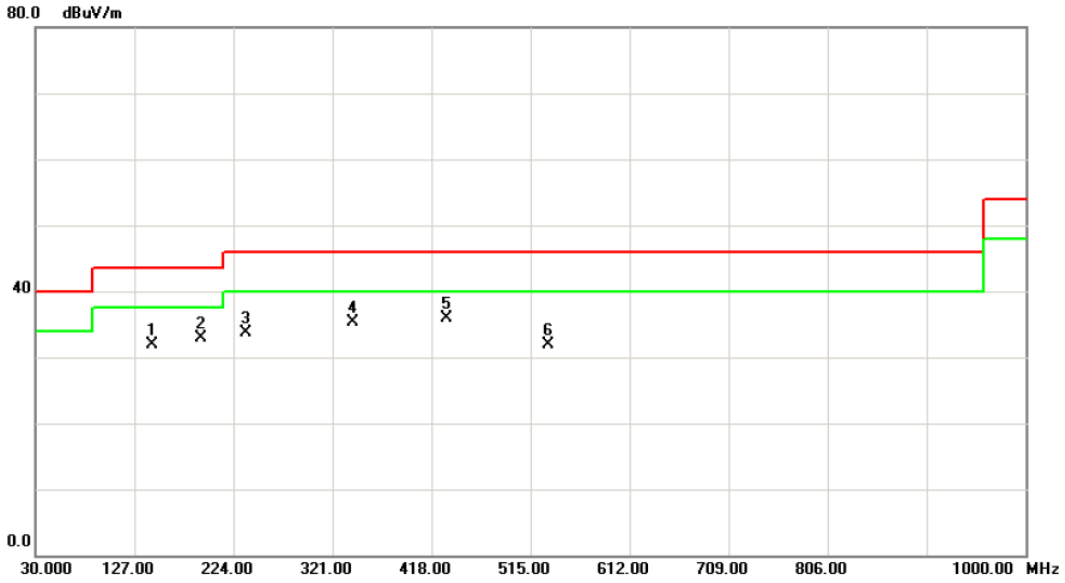
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		143.9750	45.28	-14.85	30.43	43.50	-13.07	peak	
2	*	192.4750	45.80	-14.46	31.34	43.50	-12.16	peak	
3		236.1250	45.57	-13.96	31.61	46.00	-14.39	peak	
4		340.4000	43.45	-11.16	32.29	46.00	-13.71	peak	
5		432.5500	42.82	-9.98	32.84	46.00	-13.16	peak	
6		531.9750	39.12	-7.73	31.39	46.00	-14.61	peak	

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	DC 3.8V
Test Mode ：	TX A Mode 5180MHz	Phase:	Horizontal



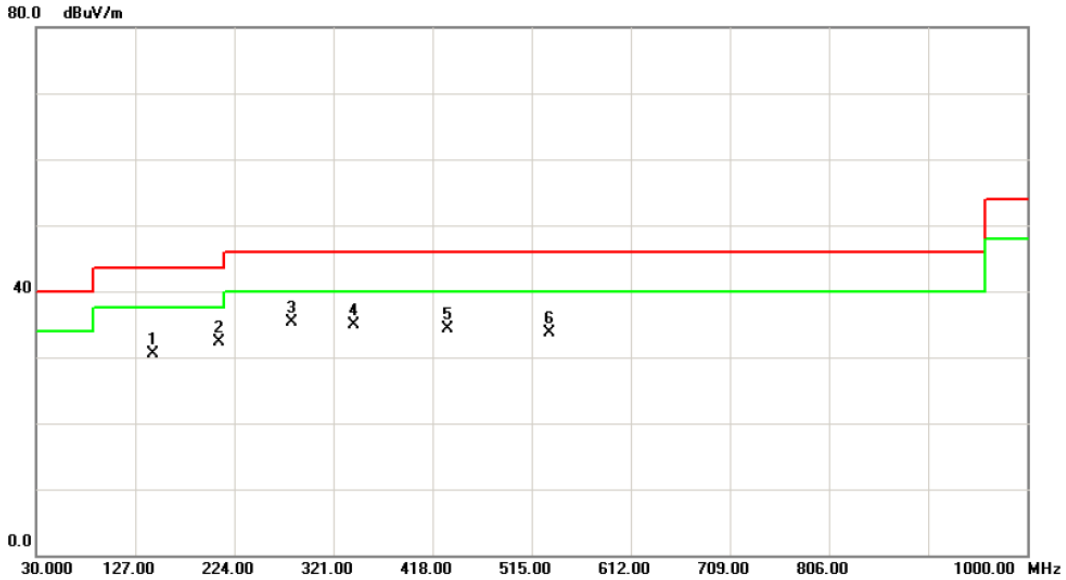
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		143.9750	44.35	-14.85	29.50	43.50	-14.00	peak	
2	*	209.4500	46.71	-14.46	32.25	43.50	-11.25	peak	
3		279.7750	46.13	-12.27	33.86	46.00	-12.14	peak	
4		432.5500	41.73	-9.98	31.75	46.00	-14.25	peak	
5		531.9750	39.44	-7.73	31.71	46.00	-14.29	peak	
6		832.6750	40.66	-6.12	34.54	46.00	-11.46	peak	

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	DC 3.8V
Test Mode ：	TX A Mode 5200MHz	Phase:	Vertical



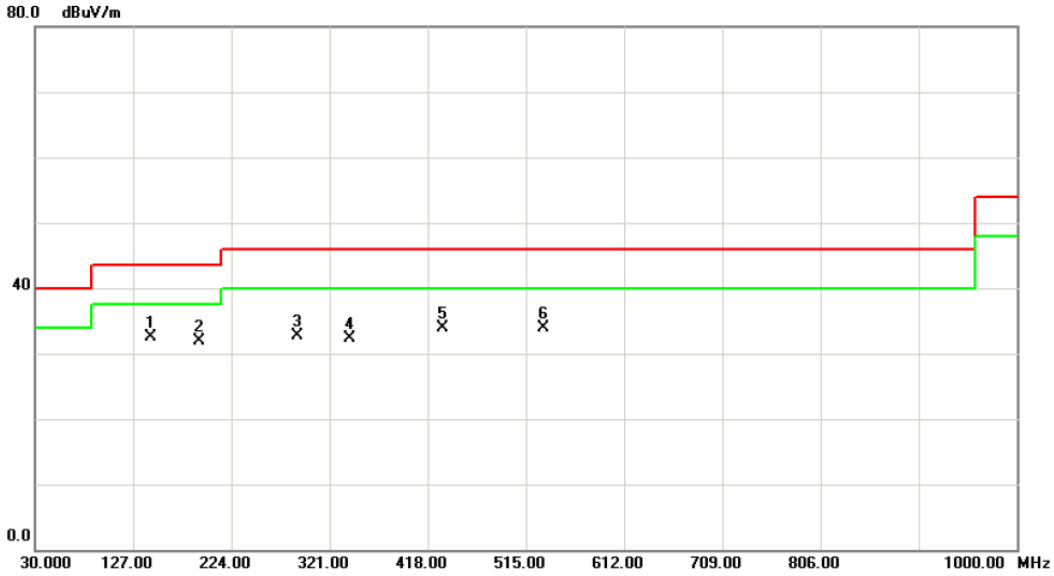
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		143.9750	46.78	-14.85	31.93	43.50	-11.57	peak	
2		192.4750	47.30	-14.46	32.84	43.50	-10.66	peak	
3		236.1250	47.57	-13.96	33.61	46.00	-12.39	peak	
4		340.4000	46.45	-11.16	35.29	46.00	-10.71	peak	
5	*	432.5500	45.82	-9.98	35.84	46.00	-10.16	peak	
6		531.9750	39.62	-7.73	31.89	46.00	-14.11	peak	

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	DC 3.8V
Test Mode ：	TX A Mode 5200MHz	Phase:	Horizontal



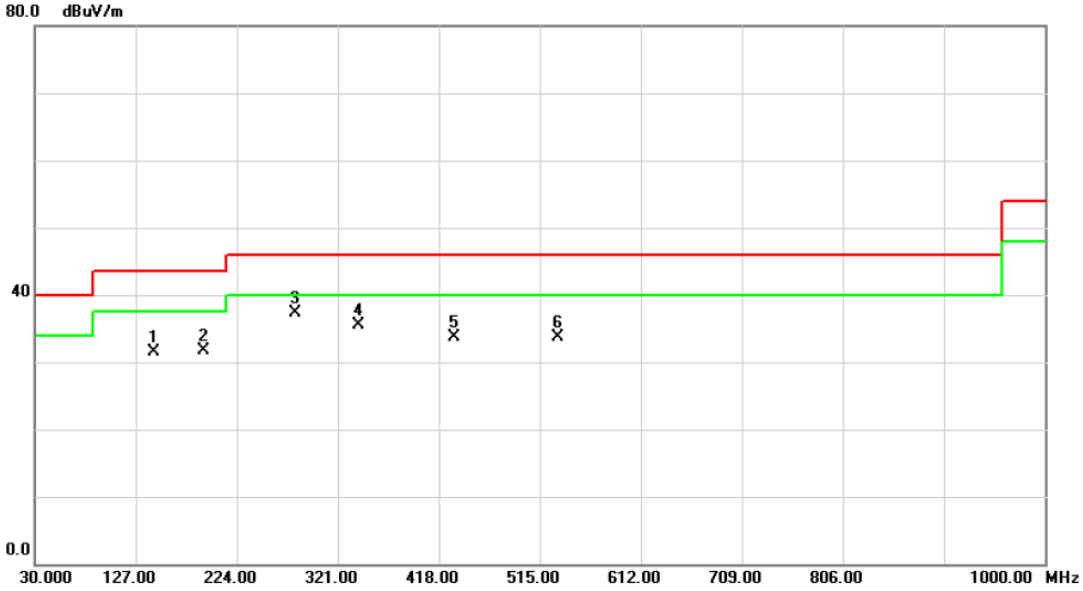
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		143.9750	45.35	-14.85	30.50	43.50	-13.00	peak	
2		209.4500	46.71	-14.46	32.25	43.50	-11.25	peak	
3	*	279.7750	47.63	-12.27	35.36	46.00	-10.64	peak	
4		340.4000	46.07	-11.16	34.91	46.00	-11.09	peak	
5		432.5500	44.23	-9.98	34.25	46.00	-11.75	peak	
6		531.9750	41.44	-7.73	33.71	46.00	-12.29	peak	

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	DC 3.8V
Test Mode ：	TX A Mode 5240MHz	Phase:	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	143.9750	47.28	-14.85	32.43	43.50	-11.07	peak	
2		192.4750	46.30	-14.46	31.84	43.50	-11.66	peak	
3		289.4750	44.28	-11.63	32.65	46.00	-13.35	peak	
4		340.4000	43.45	-11.16	32.29	46.00	-13.71	peak	
5		432.5500	43.82	-9.98	33.84	46.00	-12.16	peak	
6		531.9750	41.62	-7.73	33.89	46.00	-12.11	peak	

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	DC 3.8V
Test Mode ：	TX A Mode 5240MHz	Phase:	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		143.9750	46.35	-14.85	31.50	43.50	-12.00	peak	
2		192.4750	46.14	-14.46	31.68	43.50	-11.82	peak	
3	*	279.7750	49.63	-12.27	37.36	46.00	-8.64	peak	
4		340.4000	46.57	-11.16	35.41	46.00	-10.59	peak	
5		432.5500	43.73	-9.98	33.75	46.00	-12.25	peak	
6		531.9750	41.44	-7.73	33.71	46.00	-12.29	peak	

4.2.9 TEST RESULTS - ABOVE 1000MHZ

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 1/ TX A Mode 5180MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5150.00	V	26.74	15.16	40.09	66.83	55.25	-37.94	-49.52	80.00	60.00	-21.30	-41.30	X/E
5181.40	V	63.52	44.29	40.18	103.70	84.47	-1.07	-20.30					X/F
10360.79	V	40.35	28.38	13.73	54.08	42.11	-50.69	-62.66	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

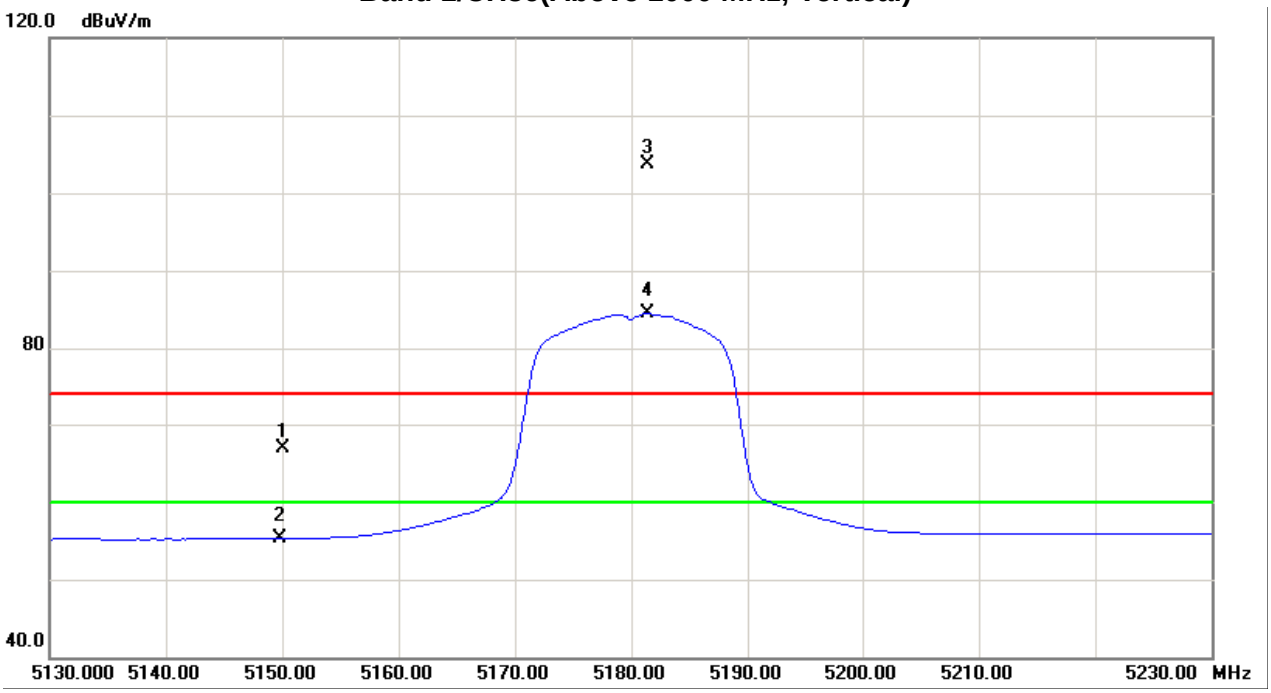
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

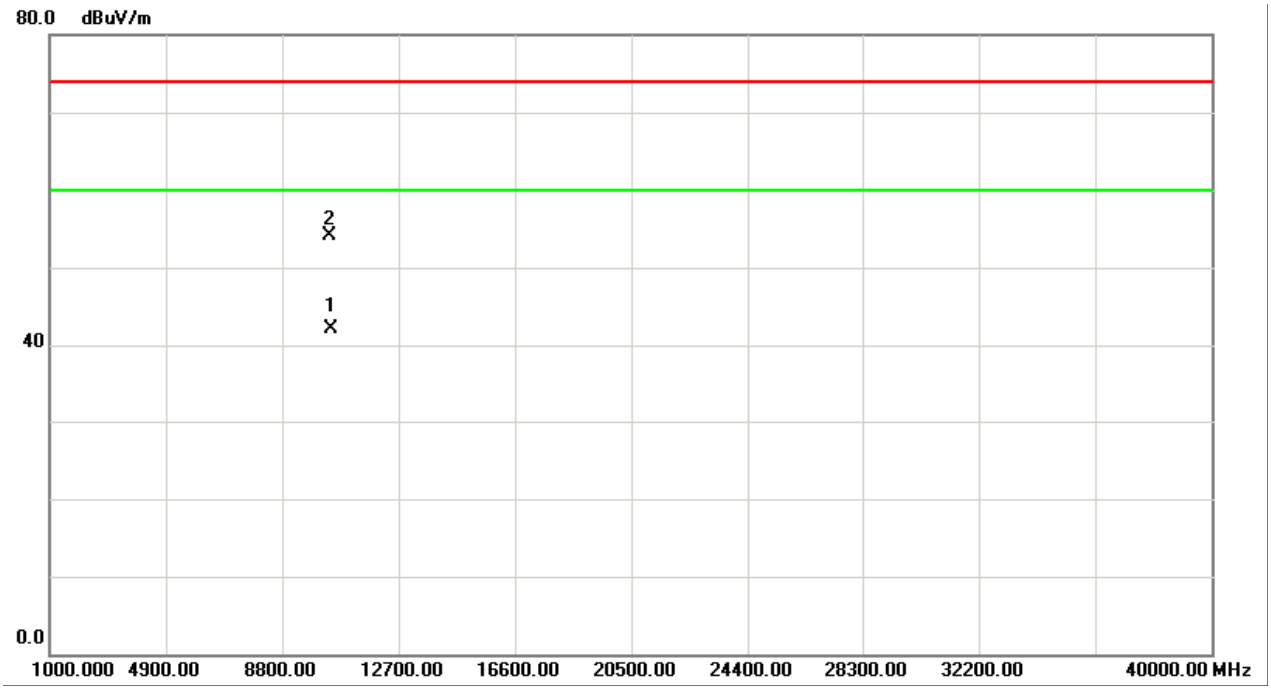
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 1/CH36(Above 1000 MHz, Vertical)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 1/ TX A Mode 5180MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBuV/m)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5150.00	H	25.37	15.08	40.09	65.46	55.17	-33.31	-43.60	80.00	60.00	-15.30	-35.30	X/E
5178.00	H	60.28	42.27	40.16	100.44	82.43	1.67	-16.34					X/F
10360.41	H	39.34	27.79	13.73	53.07	41.52	-45.70	-57.25	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

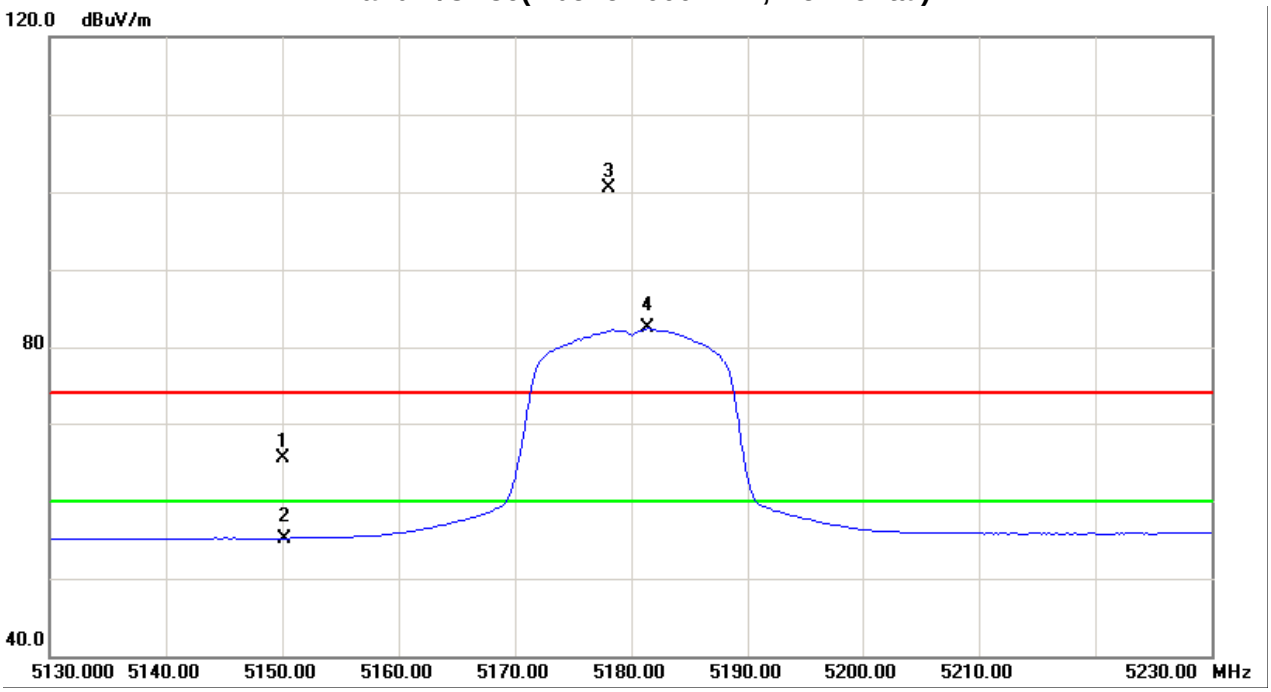
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

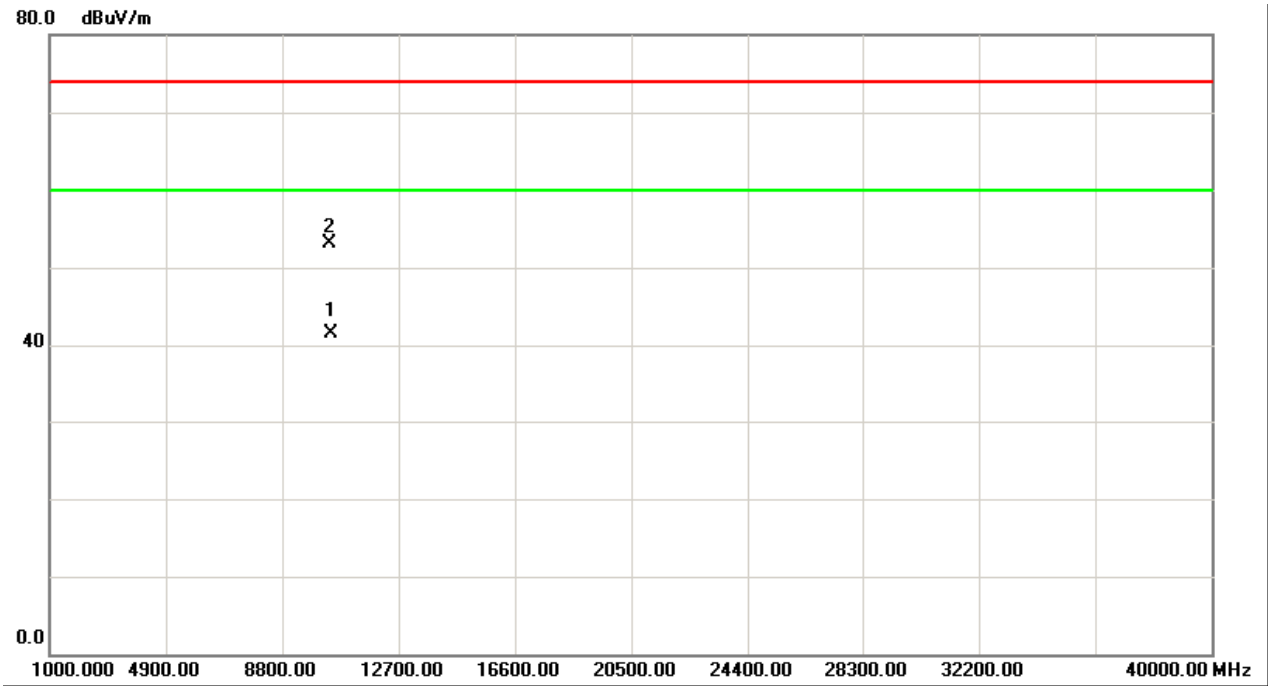
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 1/CH36(Above 1000 MHz, Horizontal)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 1/ TX A Mode 5200MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5201.40	V	63.25	44.21	40.22	103.47	84.43	-1.30	-20.34					X/F
10400.64	V	40.67	28.04	13.78	54.45	41.82	-50.32	-62.95	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

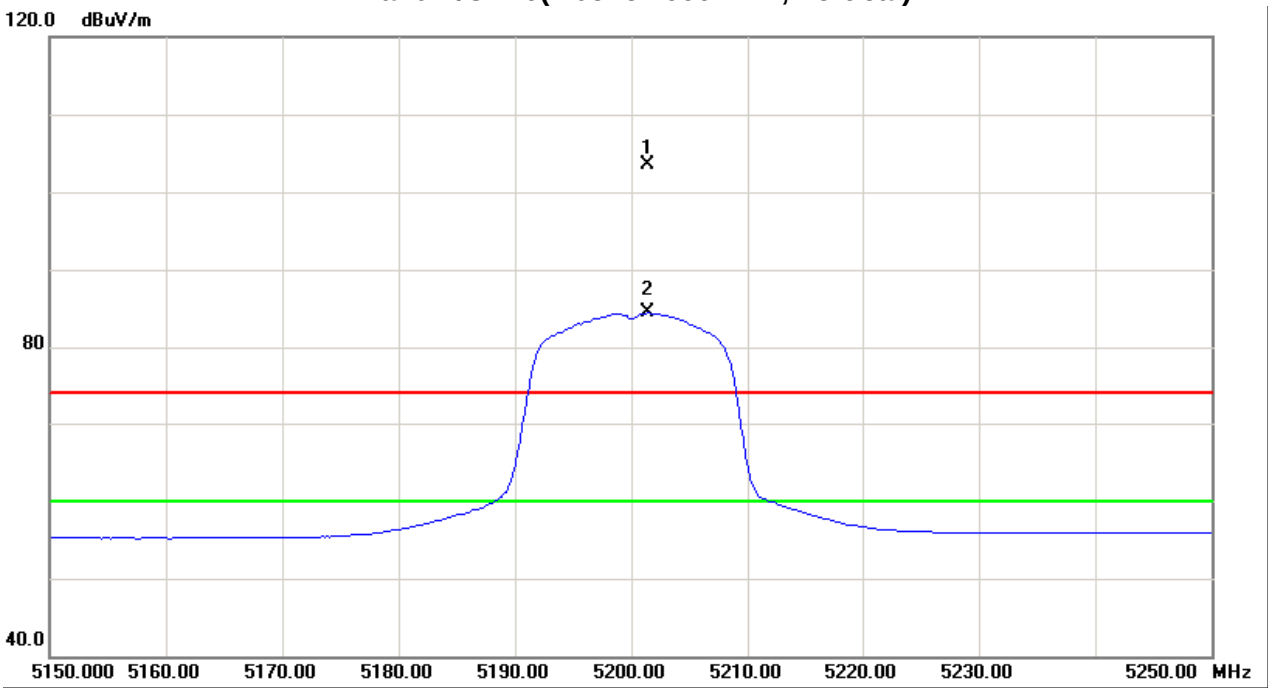
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

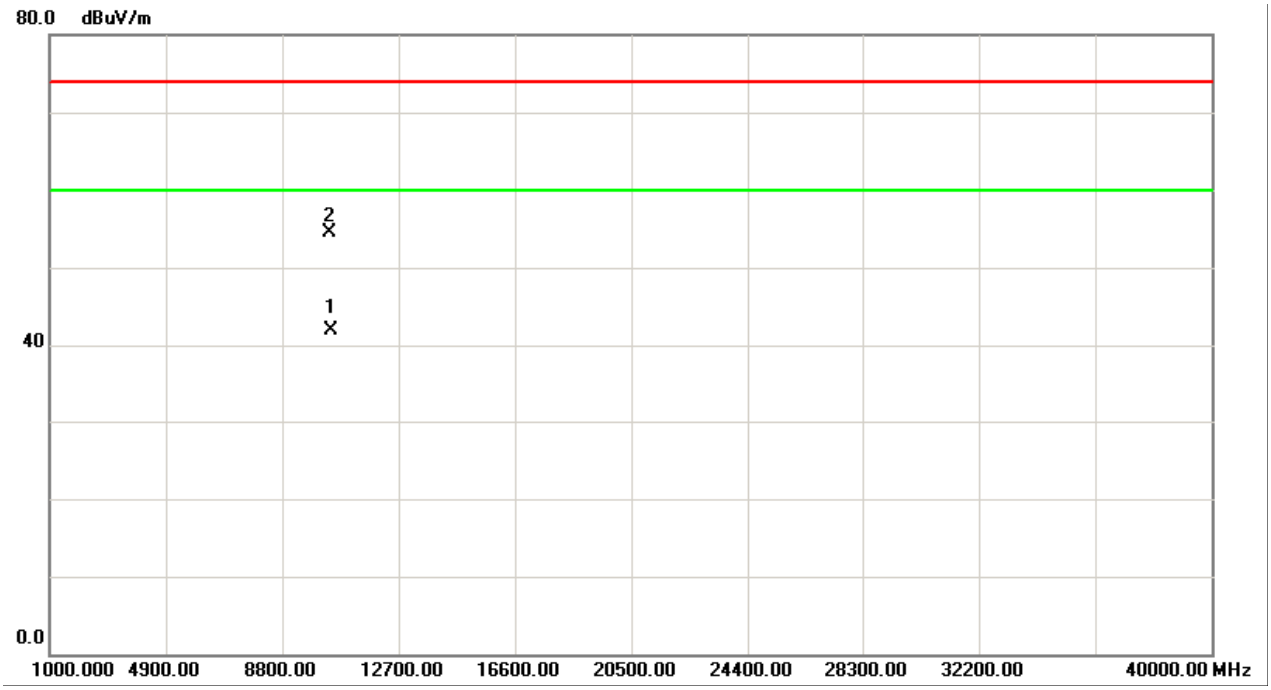
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 1/CH40(Above 1000 MHz, Vertical)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 1/ TX A Mode 5200MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5202.00	H	60.62	42.69	40.22	100.84	82.91	-3.93	-21.86					X/F
10400.62	H	37.88	27.30	13.78	51.66	41.08	-53.11	-63.69	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

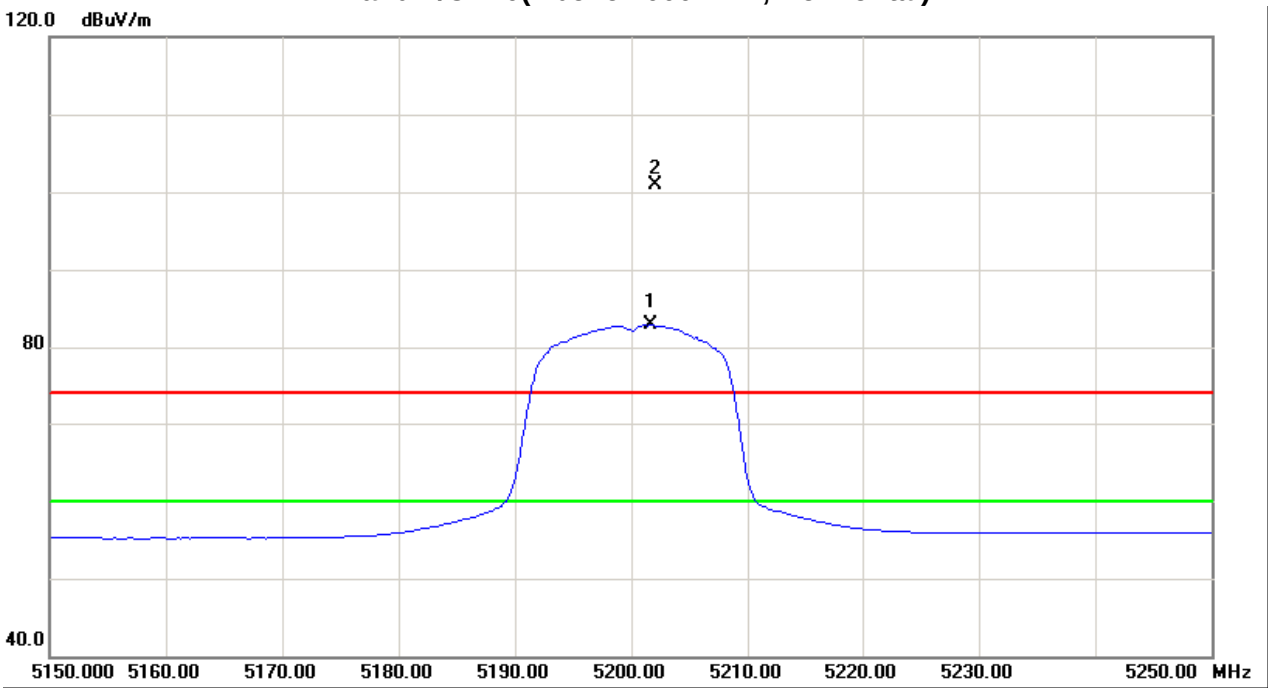
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

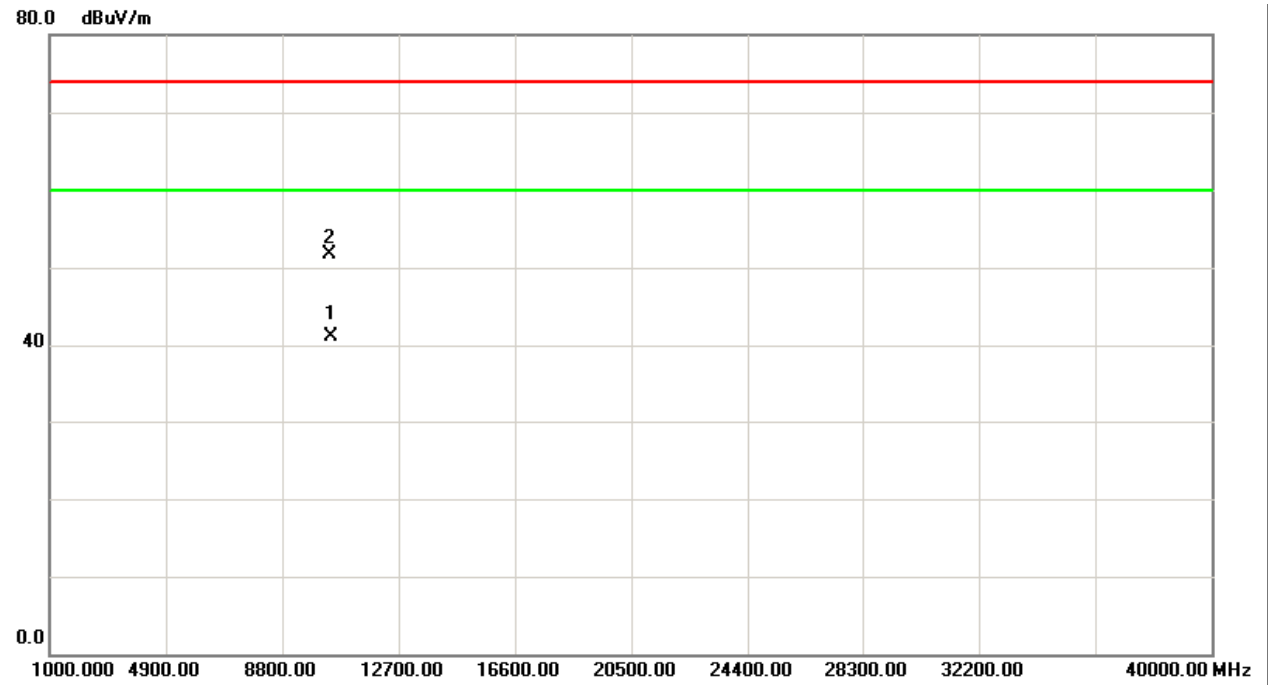
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 1/CH40(Above 1000 MHz, Horizontal)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 1/ TX A Mode 5240MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5238.80	V	62.92	45.18	40.32	103.24	85.50	-1.53	-19.27					X/F
10480.14	V	40.27	28.36	13.87	54.14	42.23	-50.63	-62.54	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

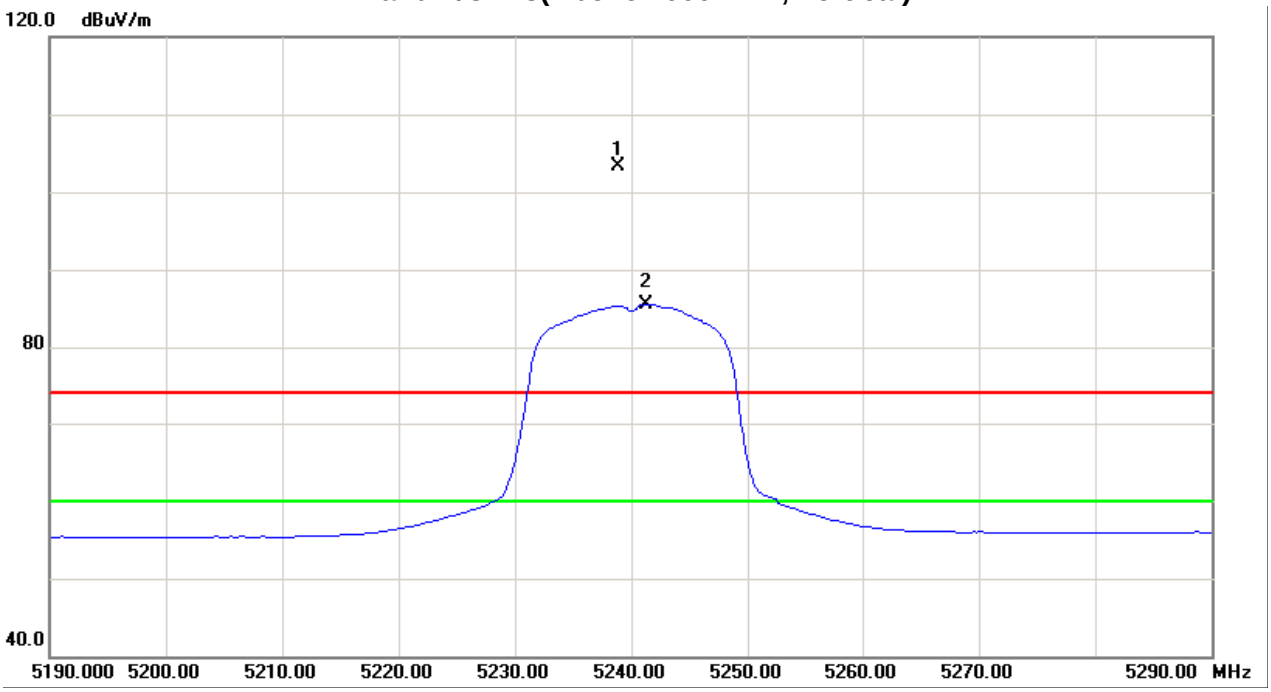
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

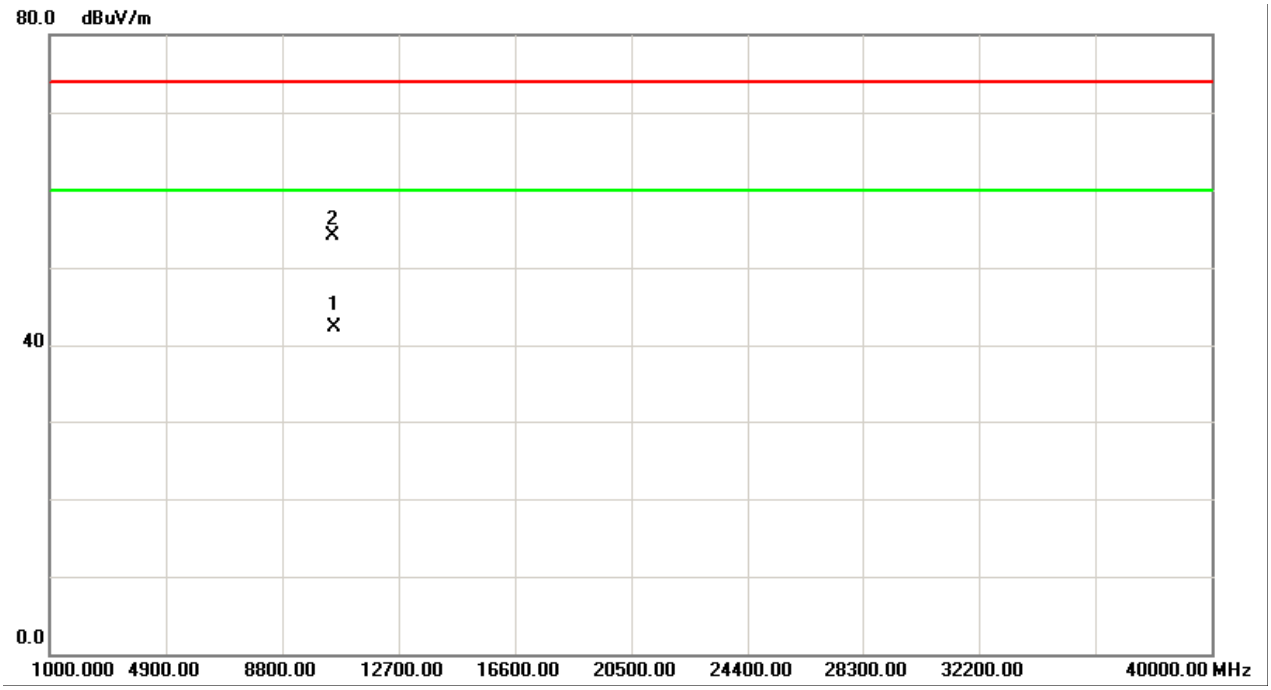
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 1/CH48(Above 1000 MHz, Vertical)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 1/ TX A Mode 5240MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5238.40	H	60.62	43.83	40.32	100.94	84.15	-3.83	-20.62					X/F
10480.63	H	39.26	28.38	13.87	53.13	42.25	-51.64	-62.52	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

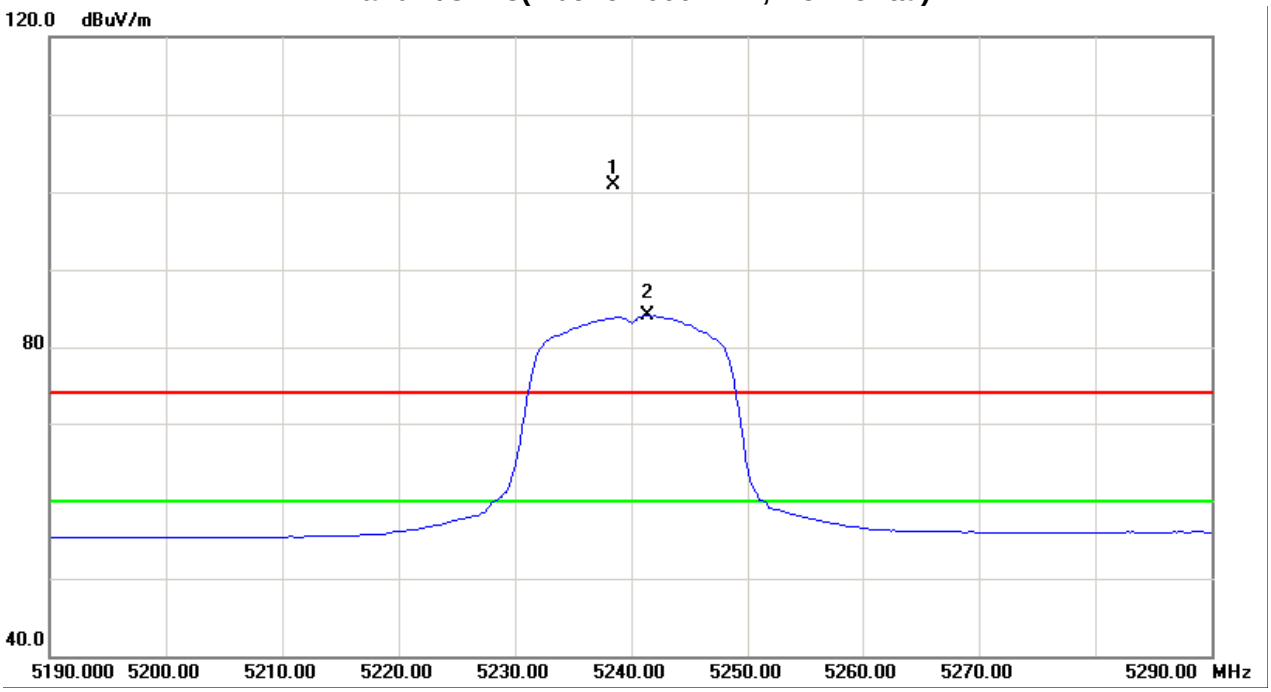
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

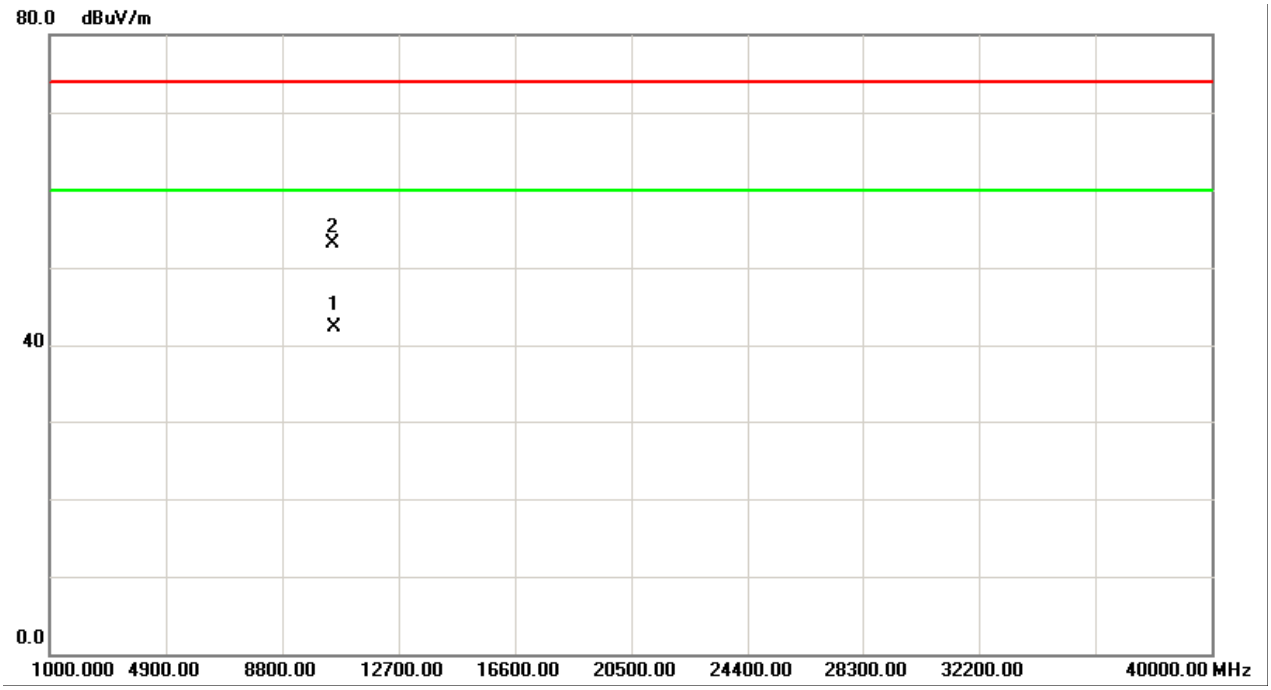
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 1/CH48(Above 1000 MHz, Horizontal)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 1/ TX N20 Mode 5180MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5150.00	V	26.27	15.10	40.09	66.36	55.19	-38.41	-49.58	80.00	60.00	-15.30	-35.30	X/E
5182.40	V	61.78	42.86	40.18	101.96	83.04	-2.81	-21.73					X/F
10360.27	V	38.38	27.09	13.73	52.11	40.82	-52.66	-63.95	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

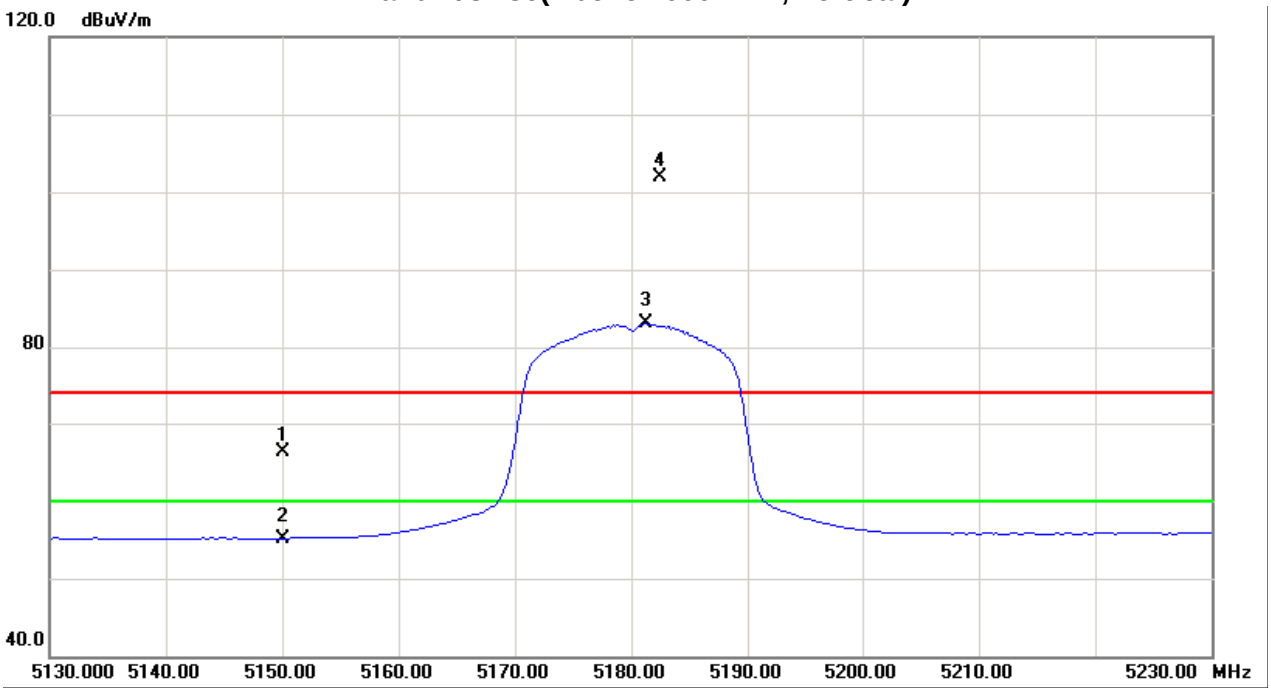
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

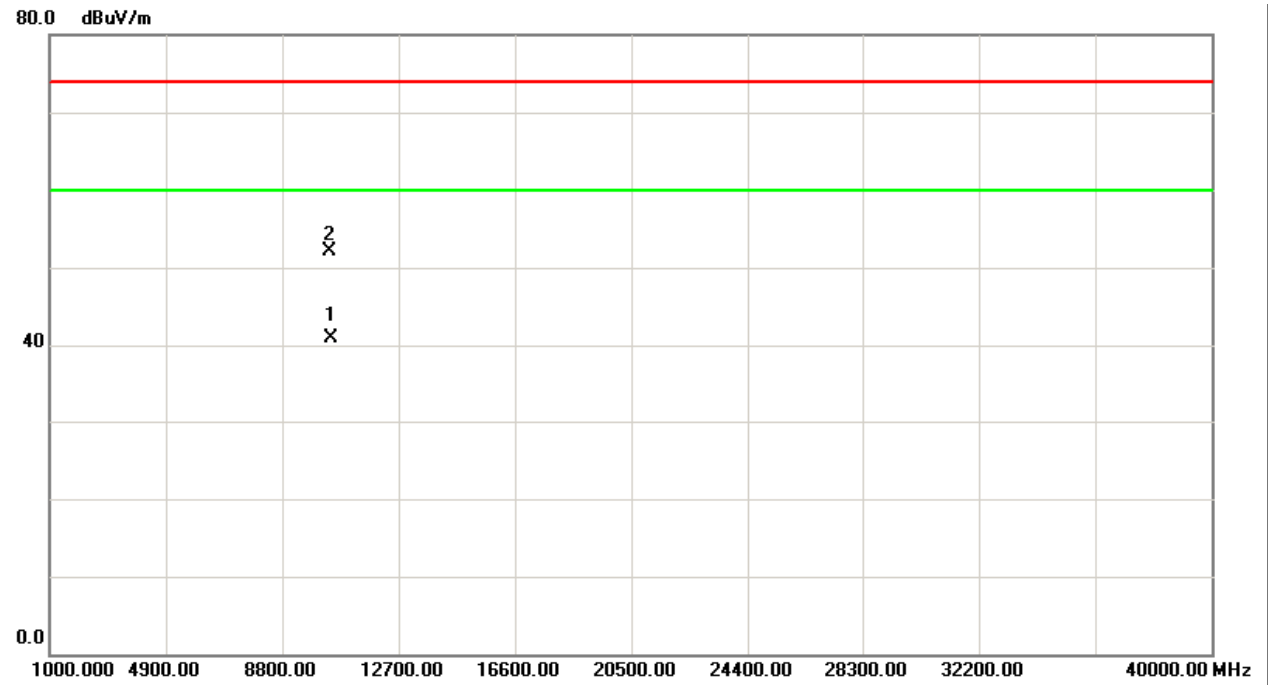
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 1/CH36(Above 1000 MHz, Vertical)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 1/ TX N20 Mode 5180MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5150.00	H	25.15	15.13	40.09	65.24	55.22	-39.53	-49.55	80.00	60.00	-15.30	-95.30	X/E
5182.60	H	58.66	41.08	40.18	98.84	81.26	-5.93	-23.51					X/F
10360.51	H	37.44	27.81	13.73	51.17	41.54	-53.60	-63.23	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

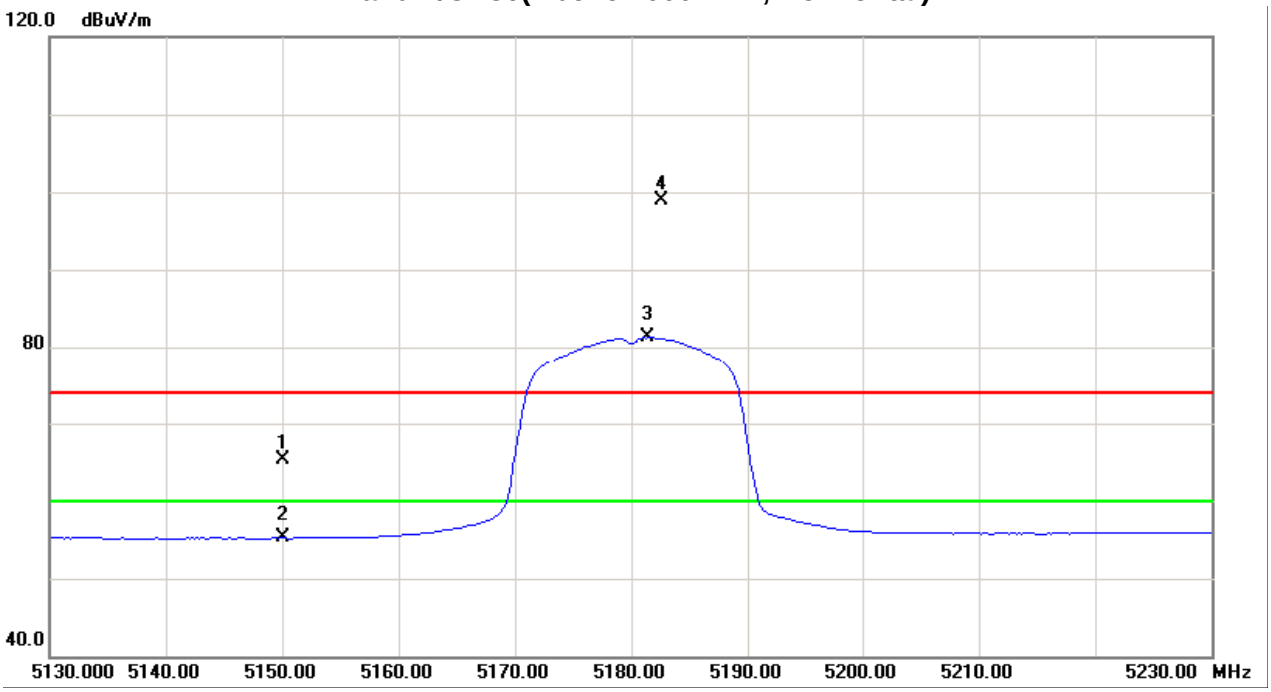
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

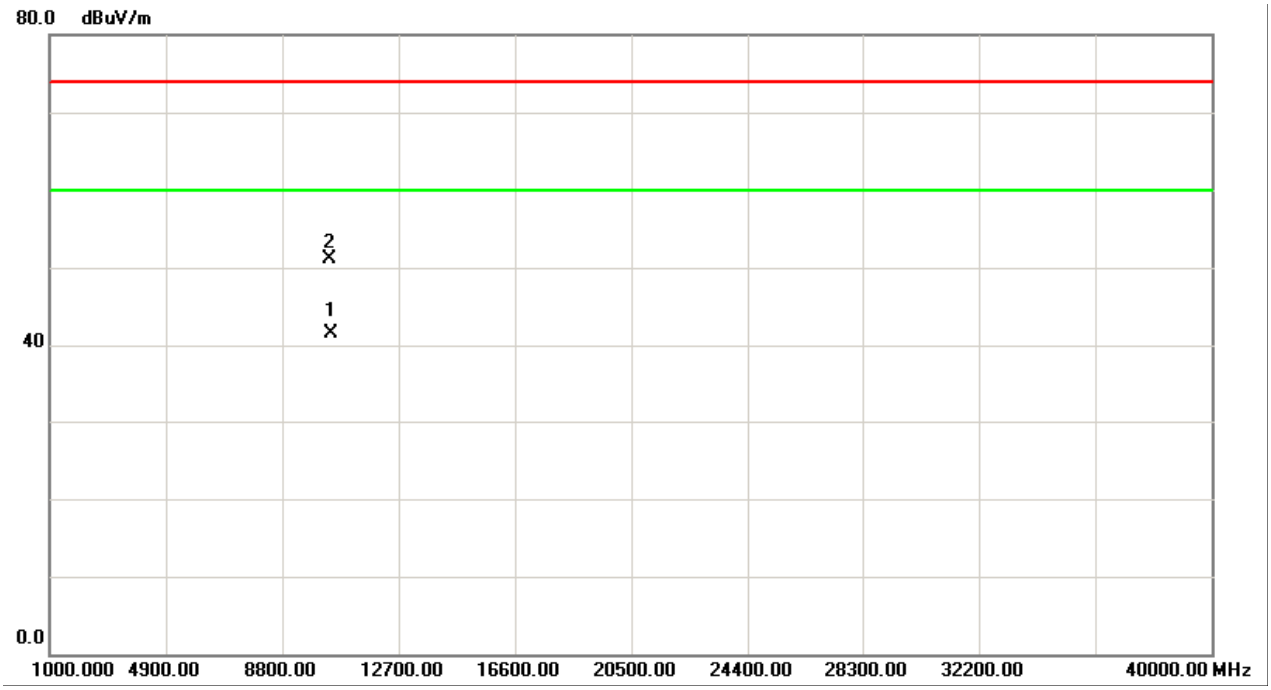
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 1/CH36(Above 1000 MHz, Horizontal)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 1/ TX N20 Mode 5200MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5200.60	V	62.23	43.87	40.22	102.45	84.09	-2.32	-20.68					X/F
10401.50	V	39.64	28.53	13.78	53.42	42.31	-51.35	-62.46	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

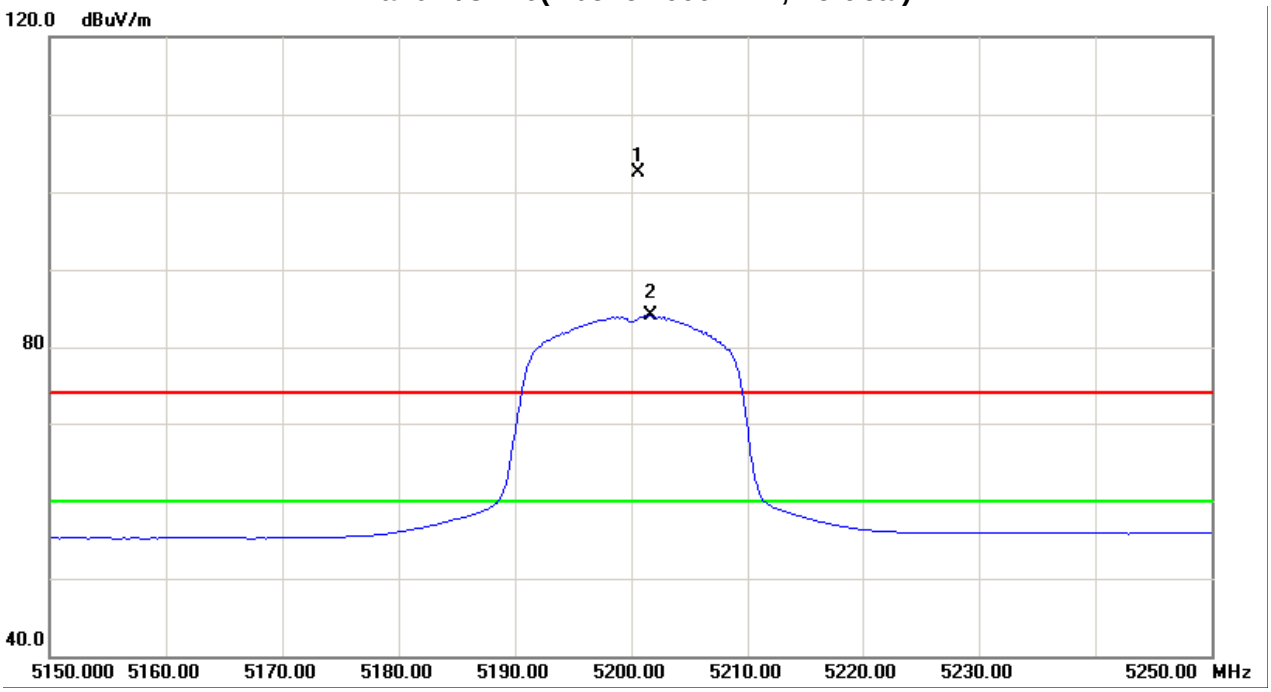
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

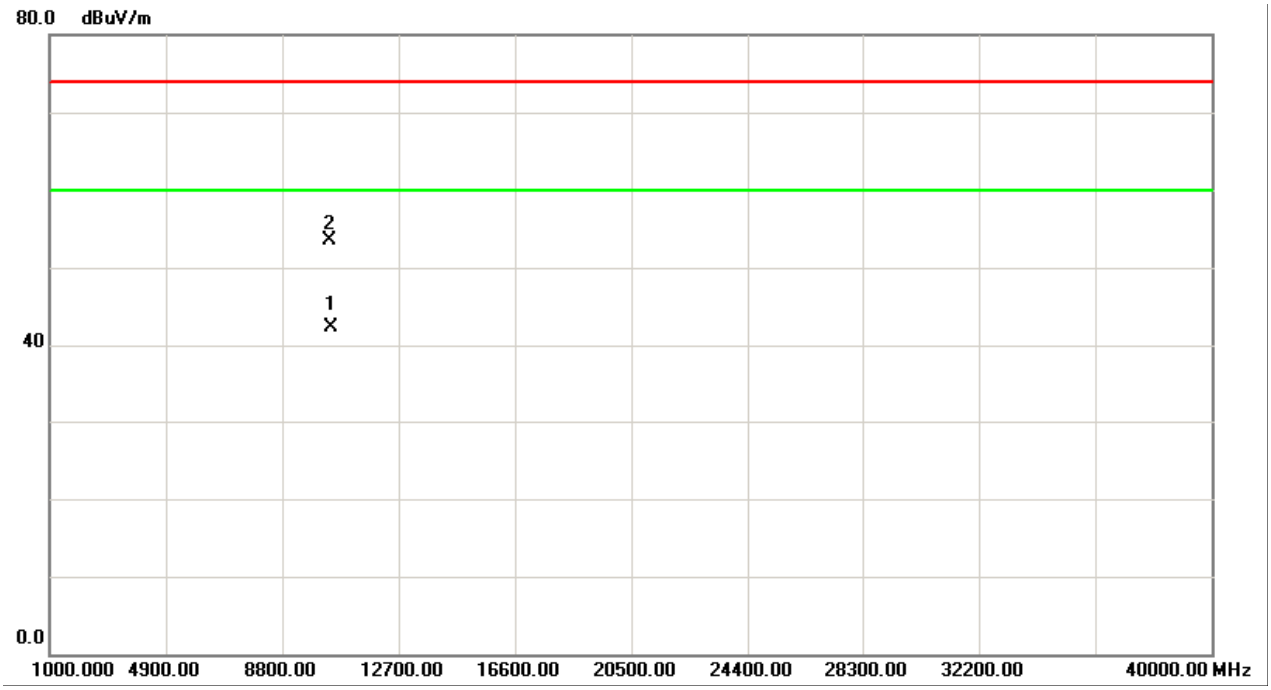
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 1/CH40(Above 1000 MHz, Vertical)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 1/ TX N20 Mode 5200MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5201.20	H	58.25	41.06	40.22	98.47	81.28	-6.30	-23.49					X/F
10400.72	H	37.68	26.53	13.78	51.46	40.31	-53.31	-64.46	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

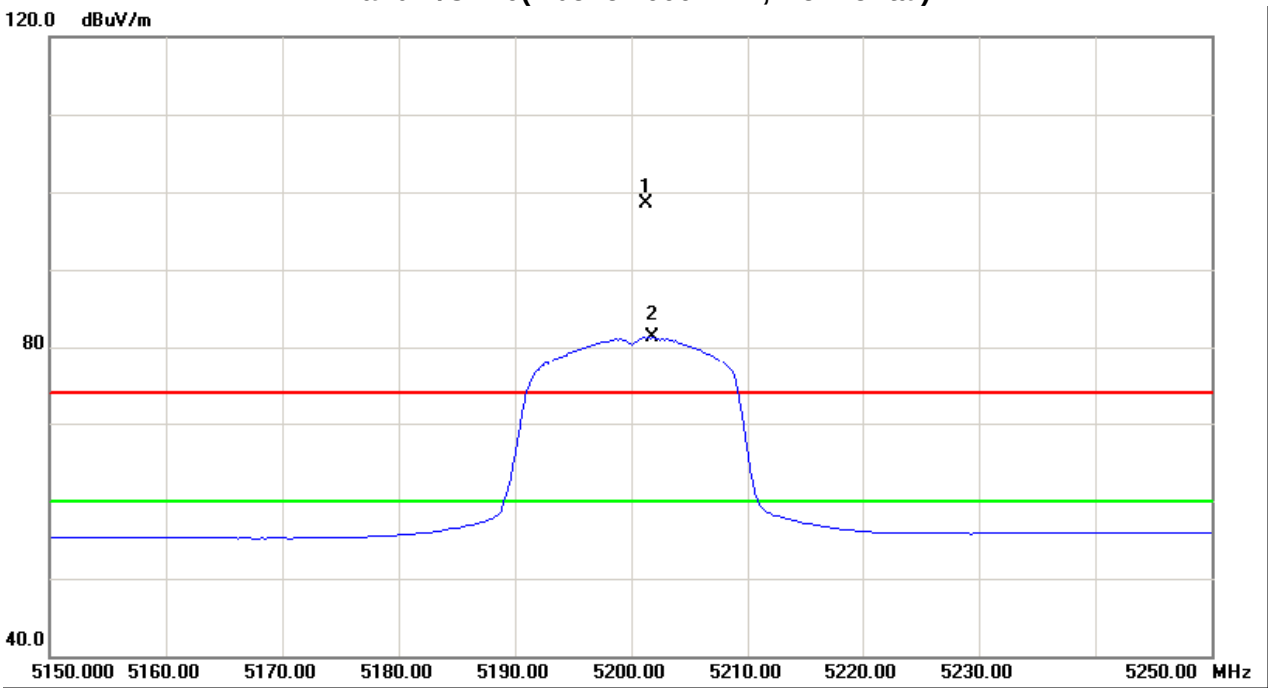
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

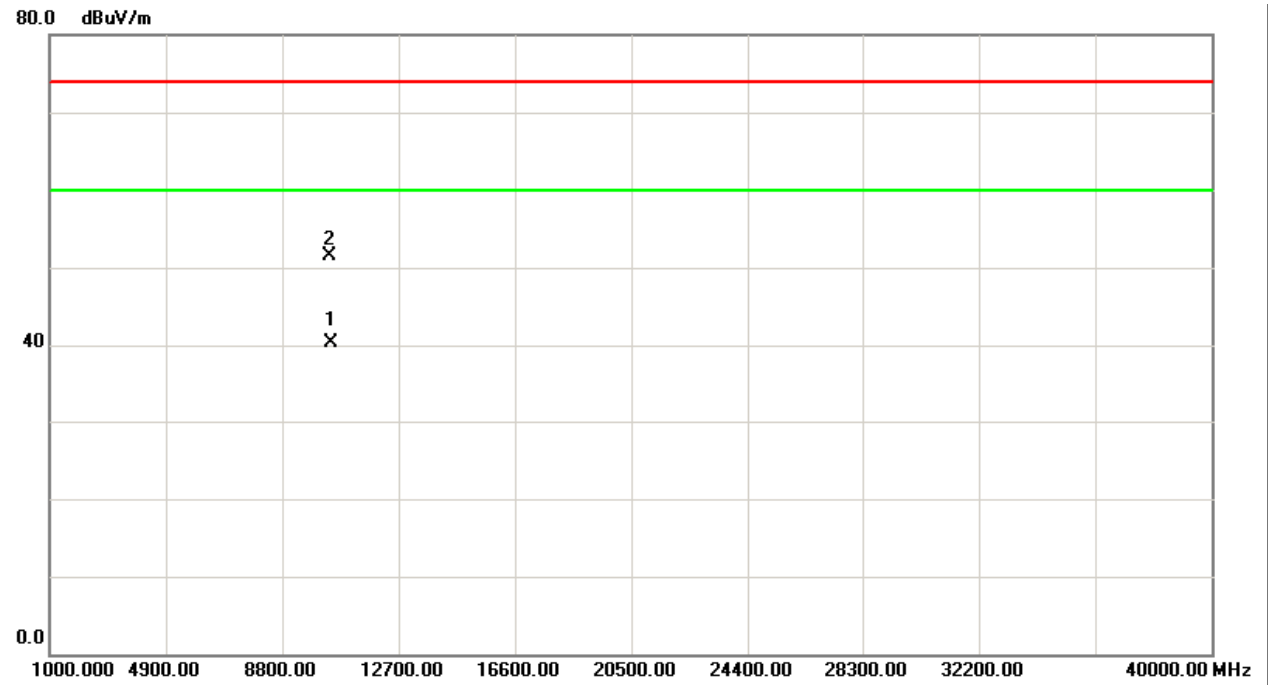
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 1/CH40(Above 1000 MHz, Horizontal)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 1/ TX N20 Mode 5240MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5242.60	V	62.26	43.72	40.32	102.58	84.04	-2.19	-20.73					X/F
10480.65	V	39.80	28.30	13.87	53.67	42.17	-51.10	-62.60	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

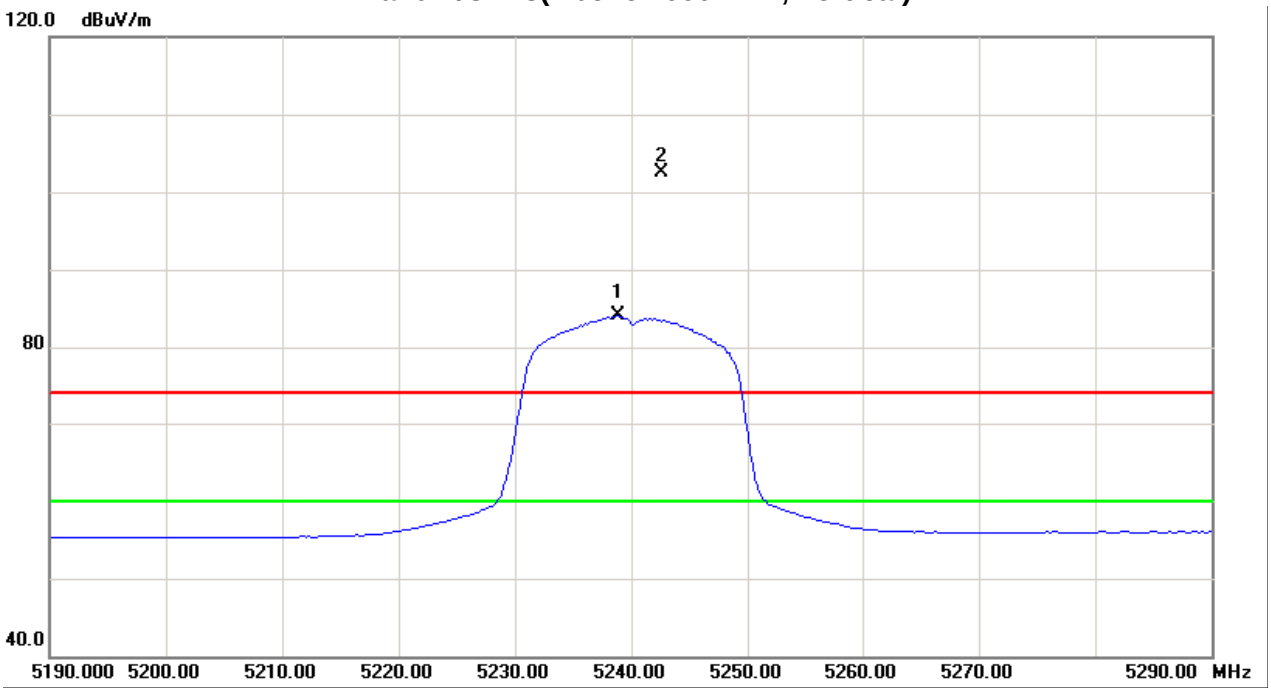
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

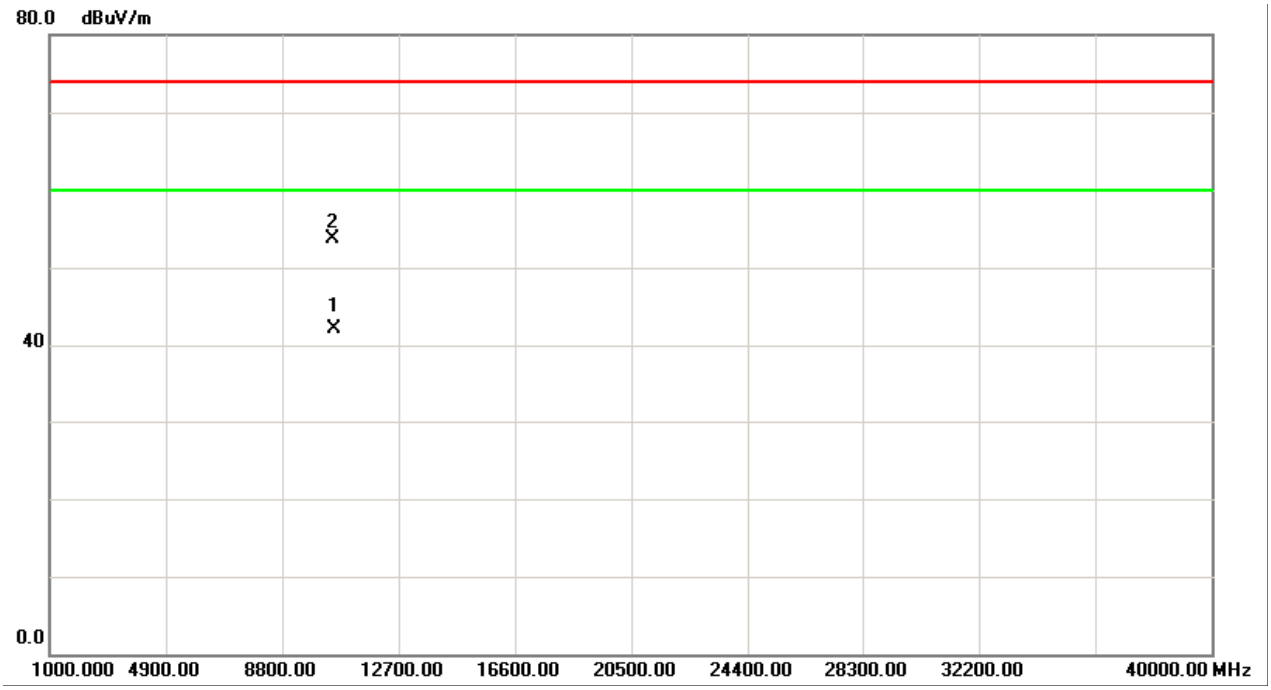
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 1/CH48(Above 1000 MHz, Vertical)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 1/ TX N20 Mode 5240MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5242.20	H	58.33	39.95	40.32	98.65	80.27	-6.12	-24.50					X/F
10480.52	H	37.79	27.20	13.87	51.66	41.07	-53.11	-63.70	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

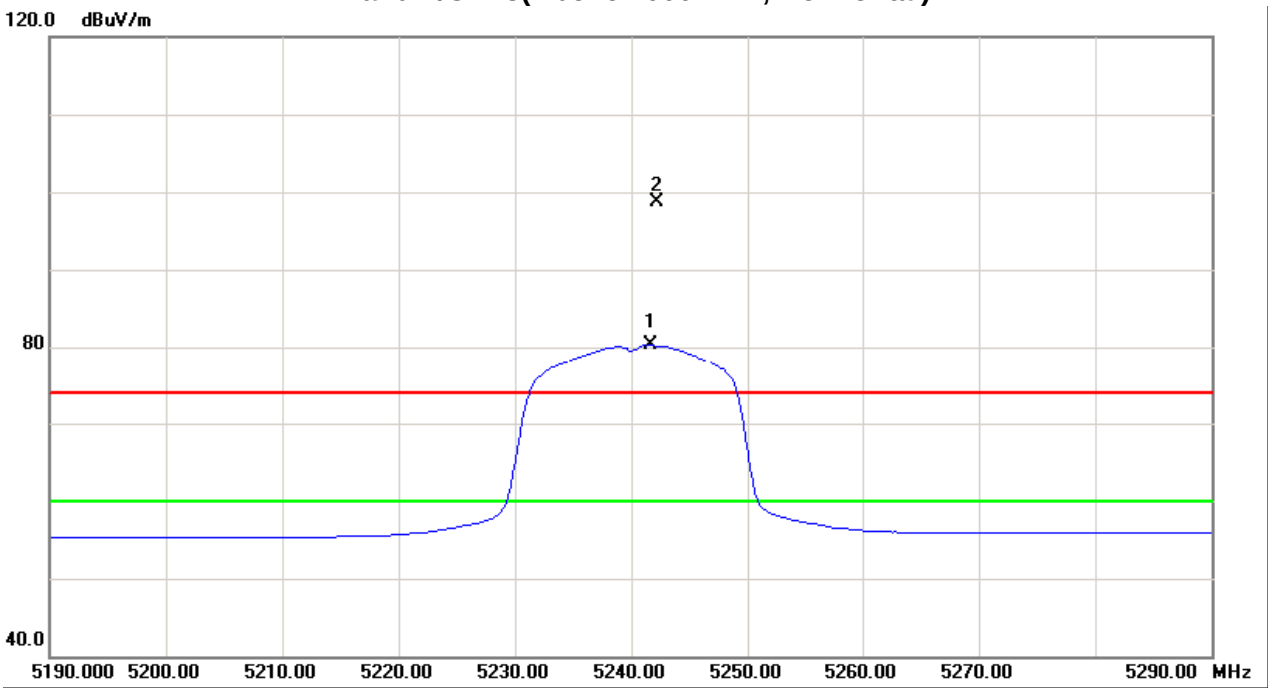
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

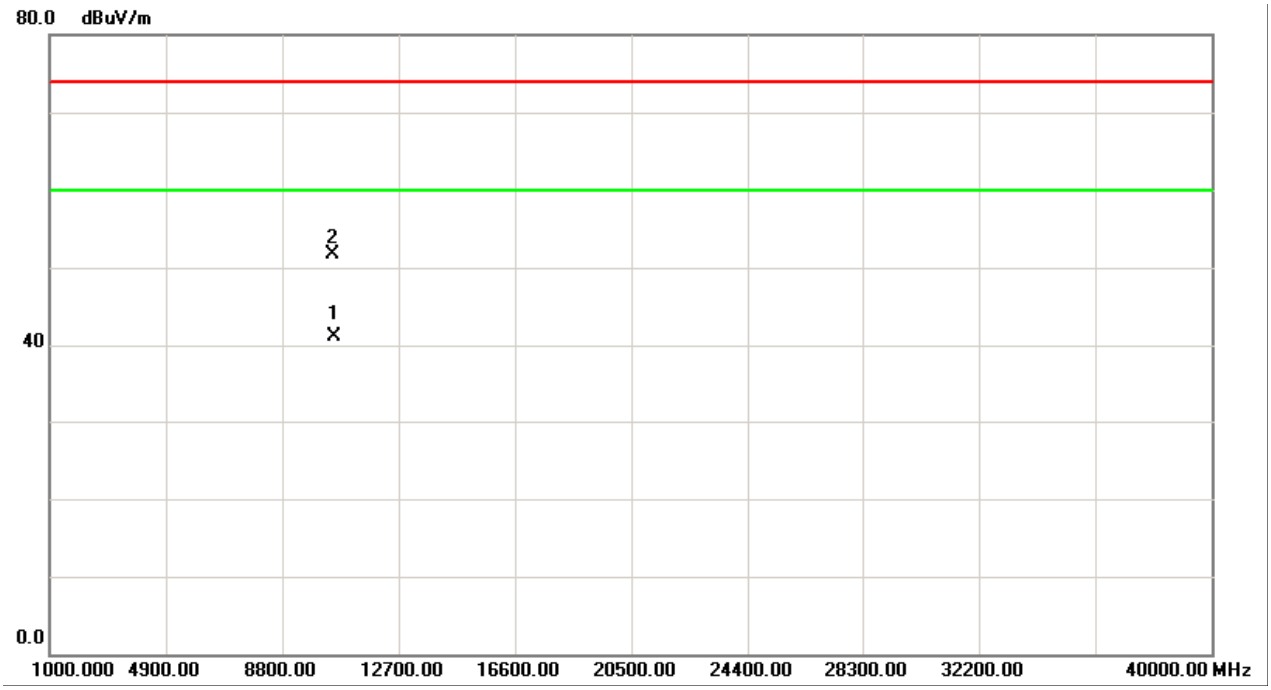
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 1/CH48(Above 1000 MHz, Horizontal)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 1/ TX N40 Mode 5190MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5150.00	V	26.17	15.17	40.09	66.26	55.26	-38.51	-49.51	80.00	60.00	-15.30	-35.30	X/E
5194.00	V	57.31	35.84	40.21	97.52	76.05	-7.25	-28.72					X/F
10380.38	V	37.70	25.55	13.76	51.46	39.31	-53.31	-65.46	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

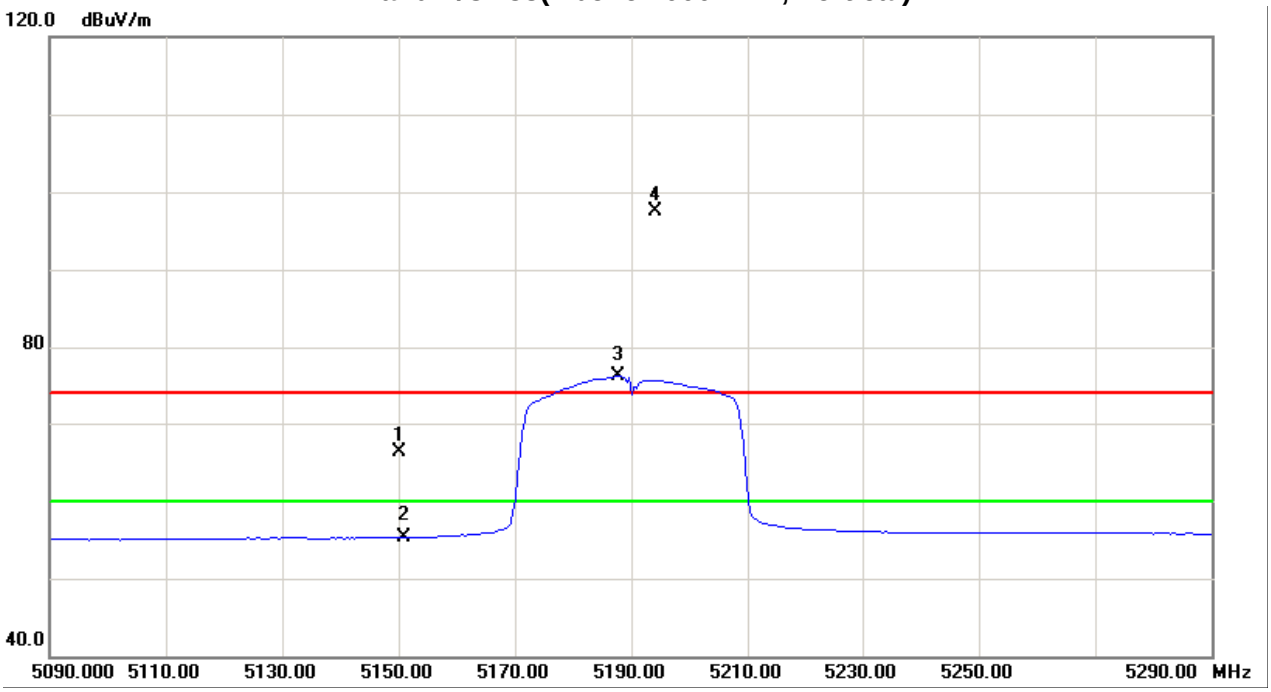
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

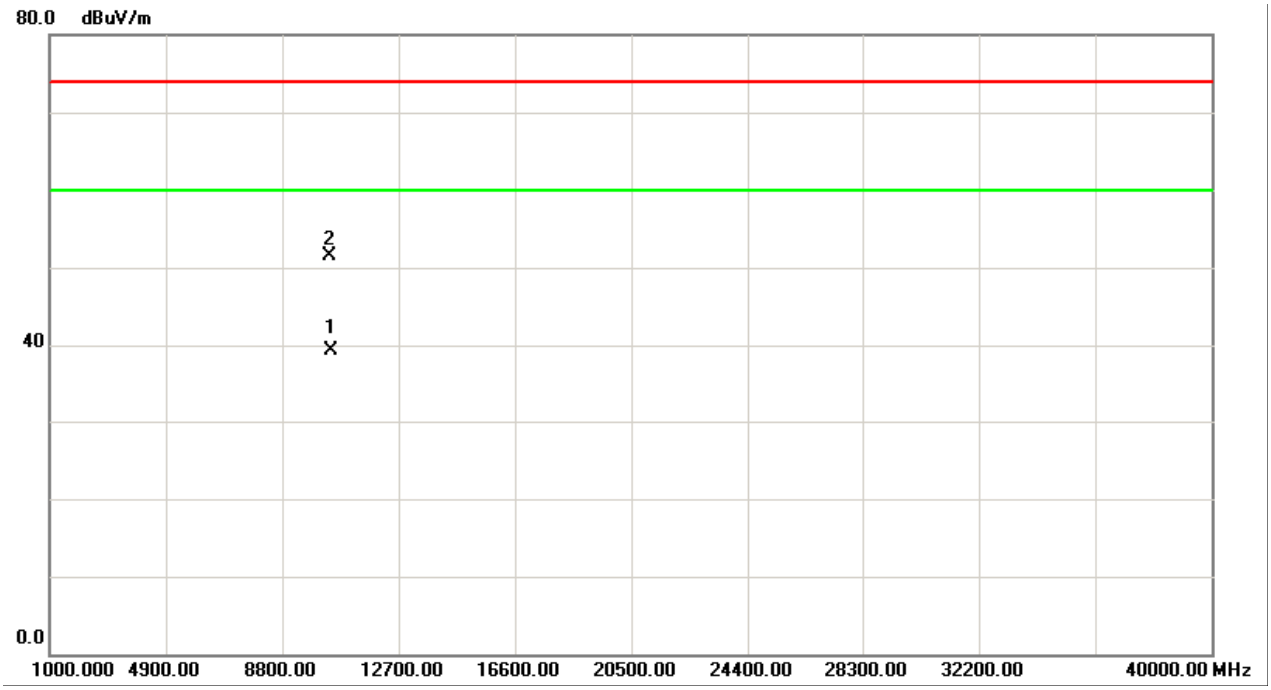
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 1/CH38(Above 1000 MHz, Vertical)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 1/ TX N40 Mode 5190MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5150.00	H	27.10	15.12	40.09	67.19	55.21	-37.58	-49.56	80.00	60.00	-15.30	-35.30	X/E
5191.60	H	54.50	34.13	40.19	94.69	74.32	-10.08	-30.45					X/F
10380.25	H	36.38	25.45	13.76	50.14	39.21	-54.63	-65.56	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

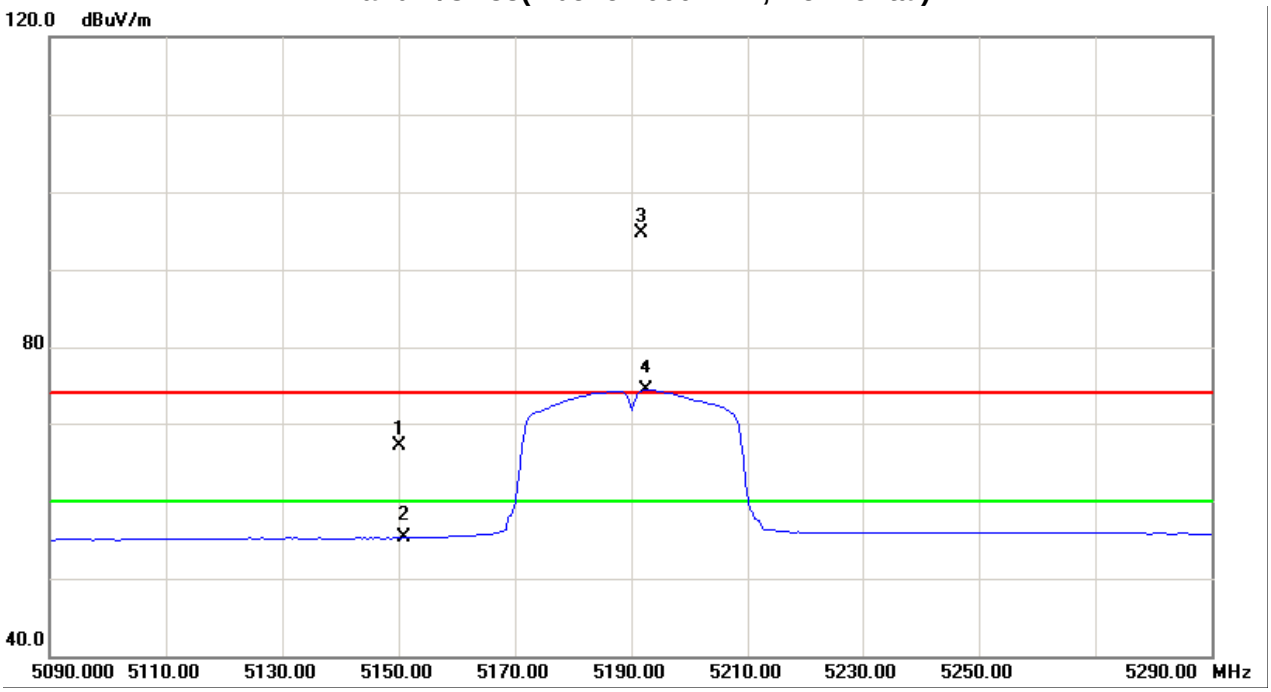
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

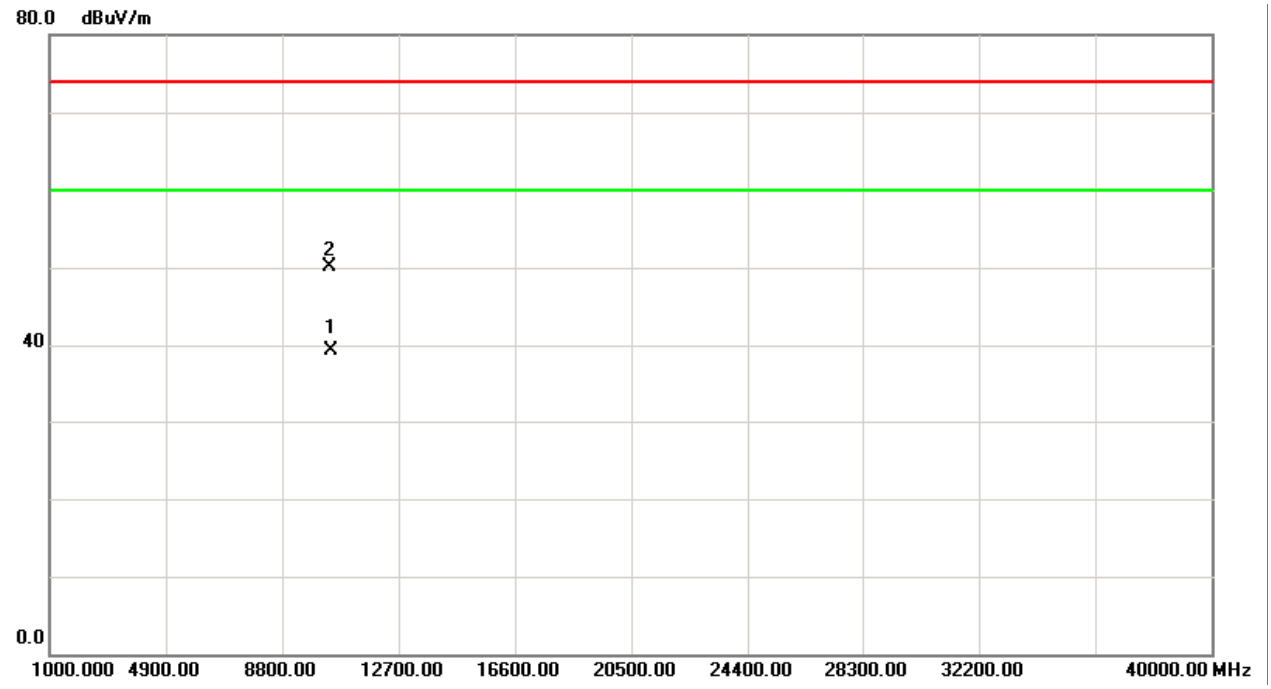
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 1/CH38(Above 1000 MHz, Horizontal)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 1/ TX N40 Mode 5230MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5232.20	V	57.13	35.28	40.31	97.44	75.59	-7.33	-29.18					X/F
10460.20	V	37.51	26.17	13.85	51.36	40.02	-53.41	-64.75	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

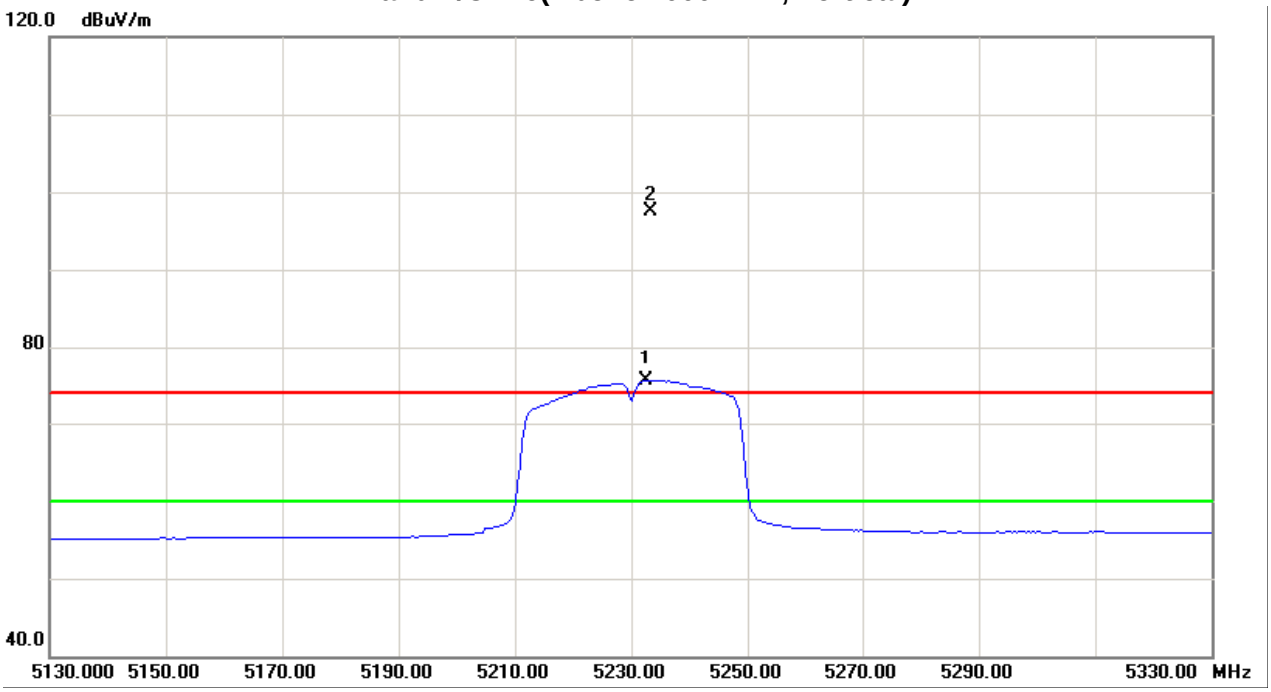
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

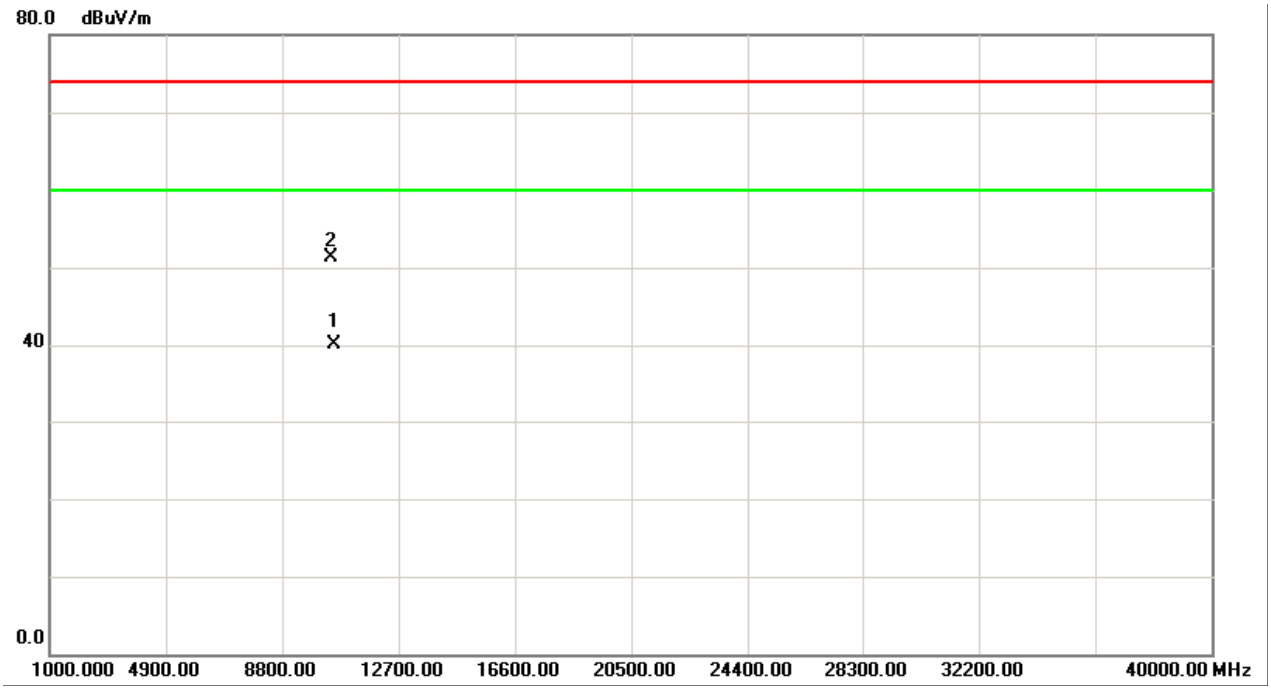
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 1/CH46(Above 1000 MHz, Vertical)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 1/ TX N40 Mode 5230MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5236.40	H	54.89	33.62	40.31	95.20	73.93	-9.57	-30.84					X/F
10460.27	H	36.27	25.31	13.85	50.12	39.16	-54.65	-65.61	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

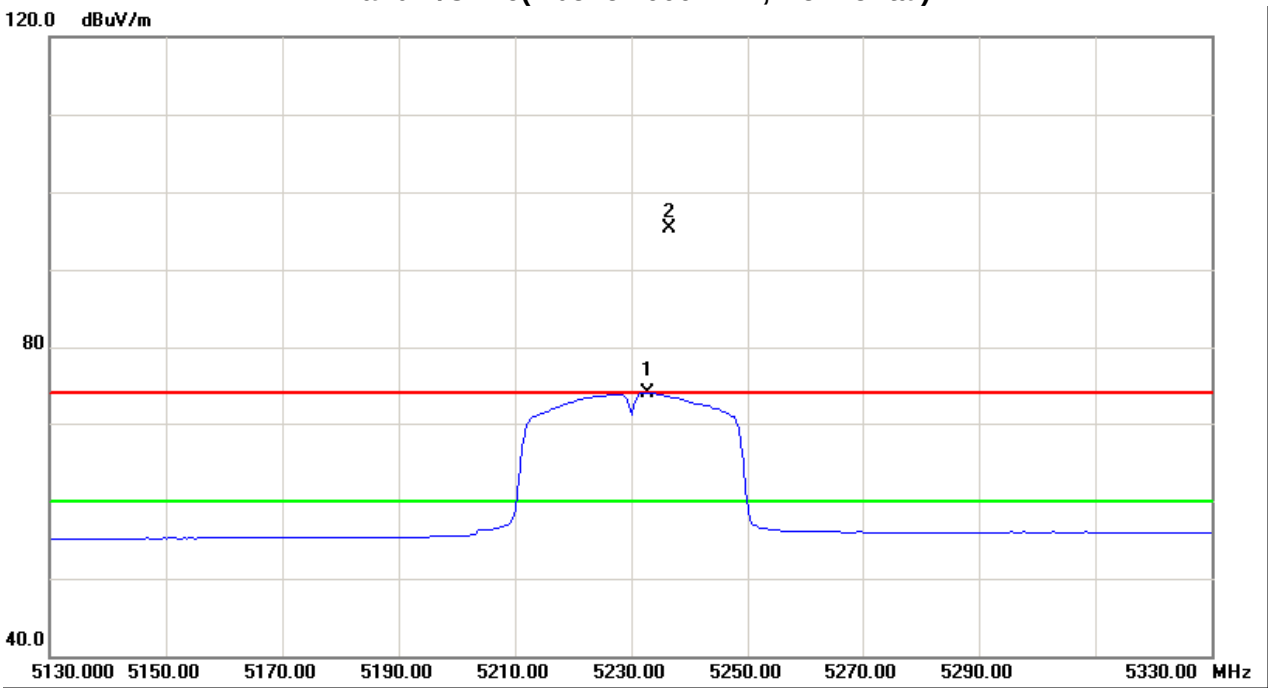
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

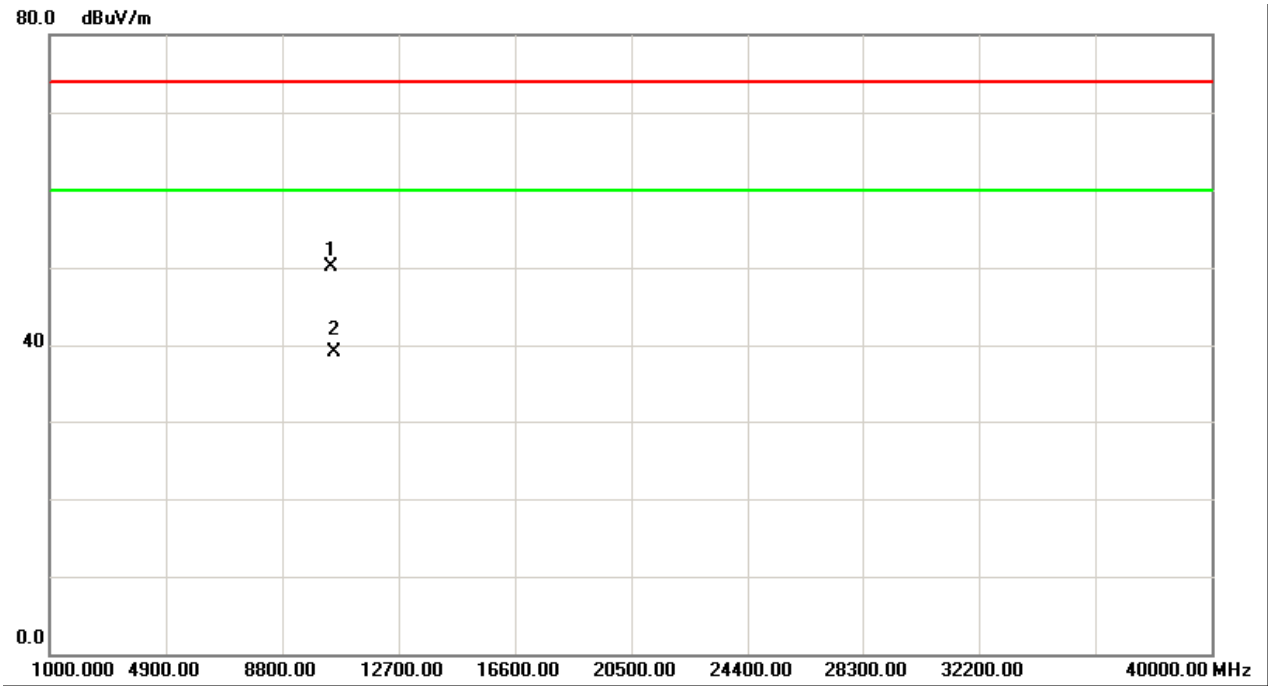
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 1/CH46(Above 1000 MHz, Horizontal)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 2/ TX A Mode 5260MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5259.00	V	65.31	45.79	40.38	105.69	86.17	0.92	-18.60					X/F
10519.63	V	39.36	28.68	13.90	53.26	42.58	-51.51	-62.19	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

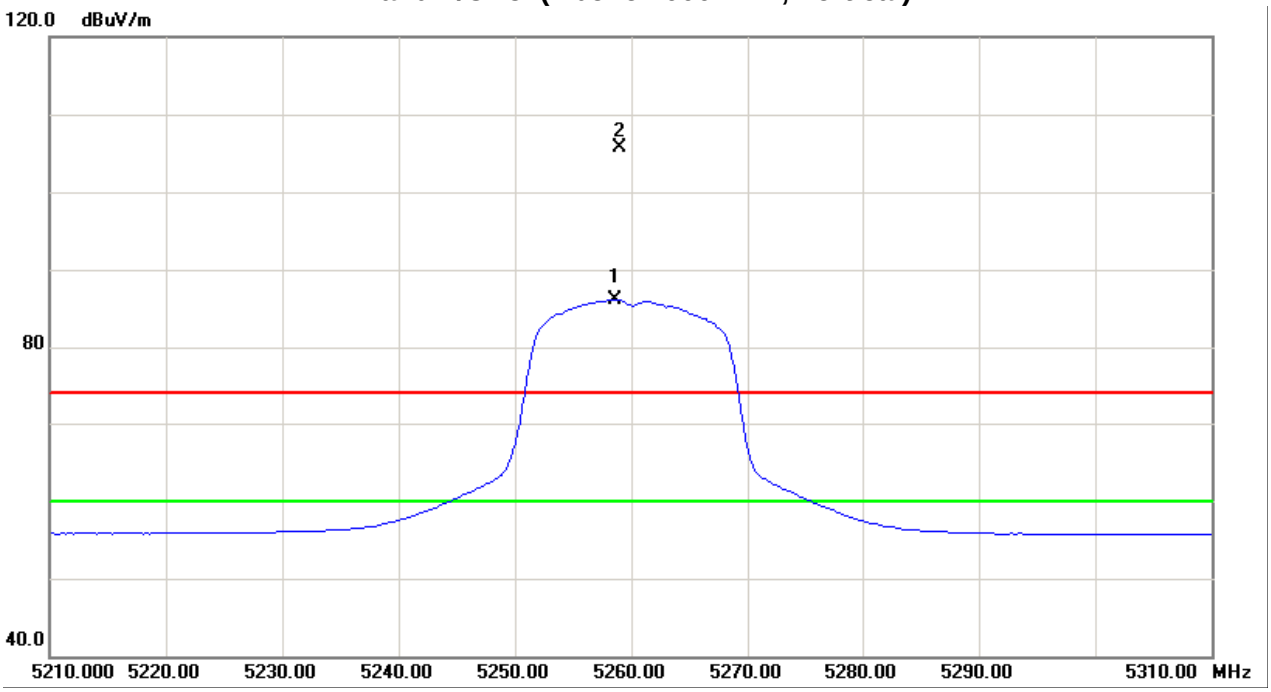
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

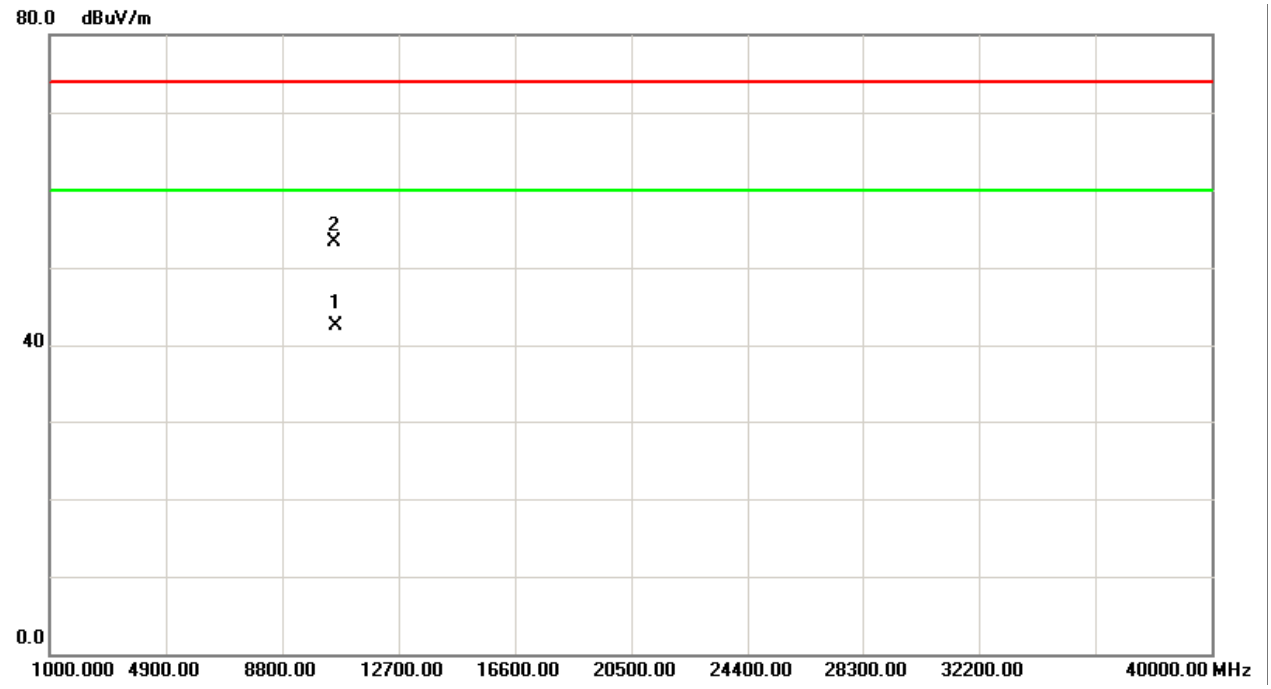
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 2/CH52(Above 1000 MHz, Vertical)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 2/ TX A Mode 5260MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5258.40	H	60.20	42.44	40.38	100.58	82.82	-4.19	-21.95					X/F
10519.81	H	39.34	27.45	13.90	53.24	41.35	-51.53	-63.42	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

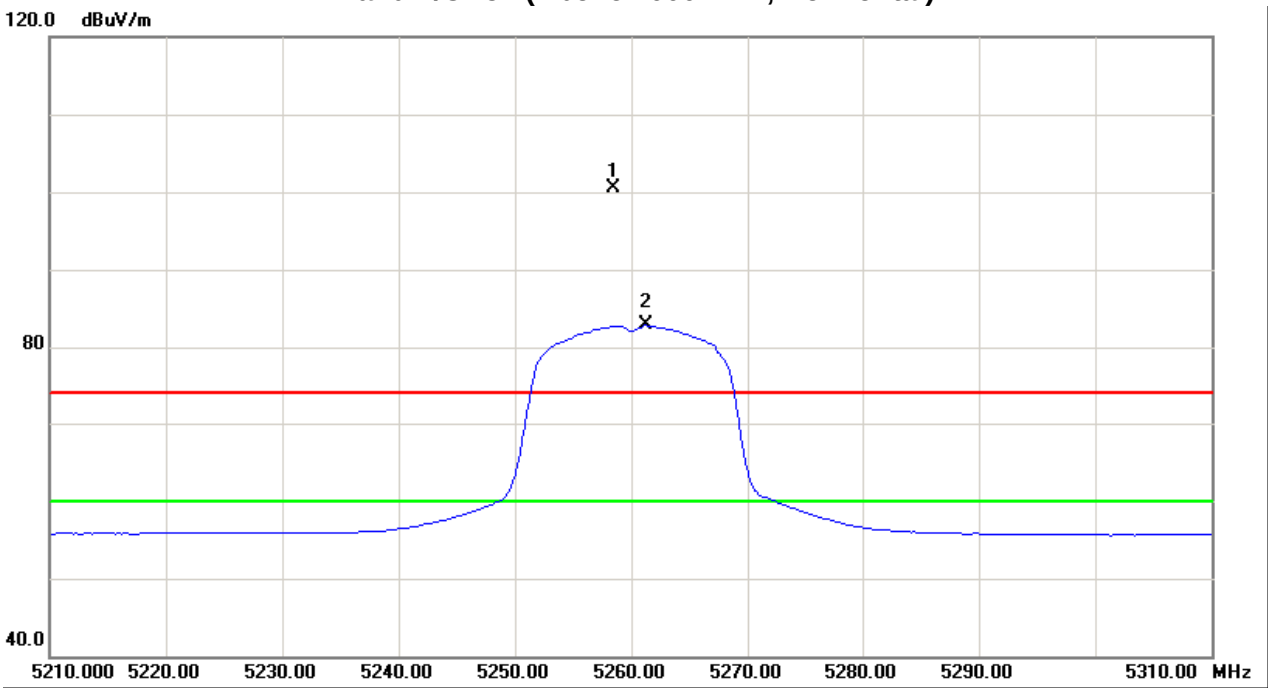
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

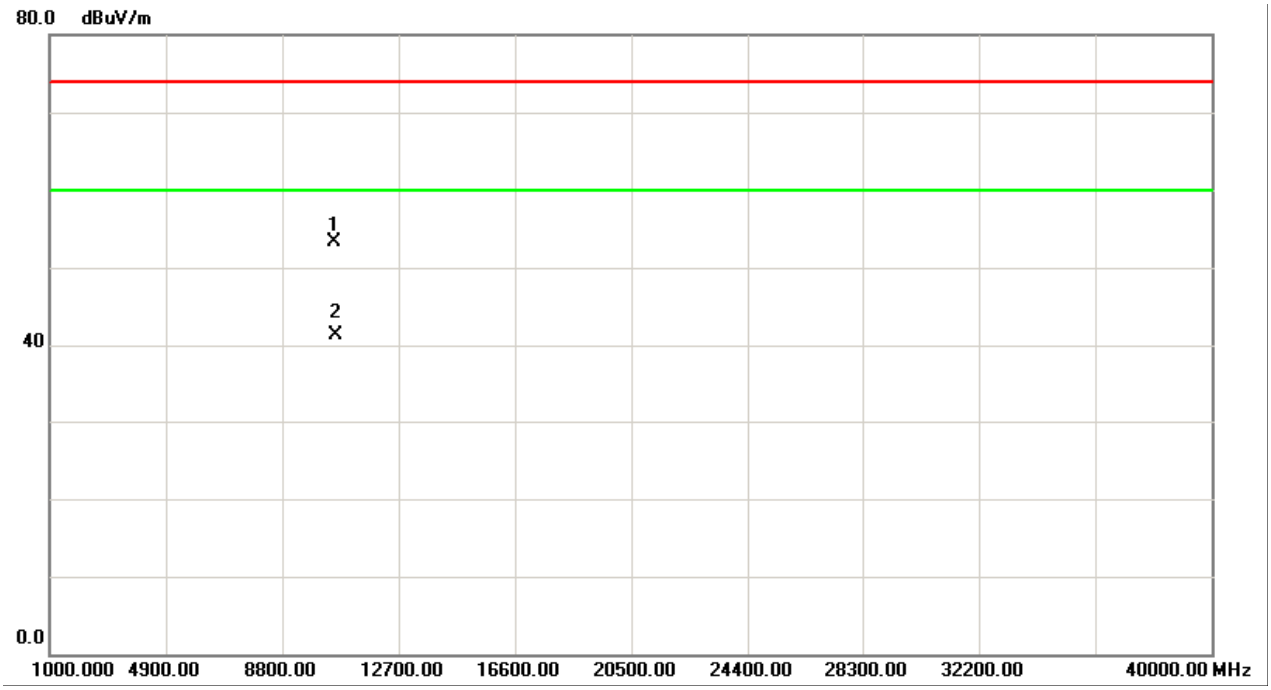
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 2/CH52 (Above 1000 MHz, Horizontal)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 2/ TX A Mode 5280MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5281.40	V	64.79	45.80	40.44	105.23	86.24	0.46	-18.53					X/F
10560.28	V	40.28	28.61	13.90	54.18	42.51	-50.59	-62.26	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

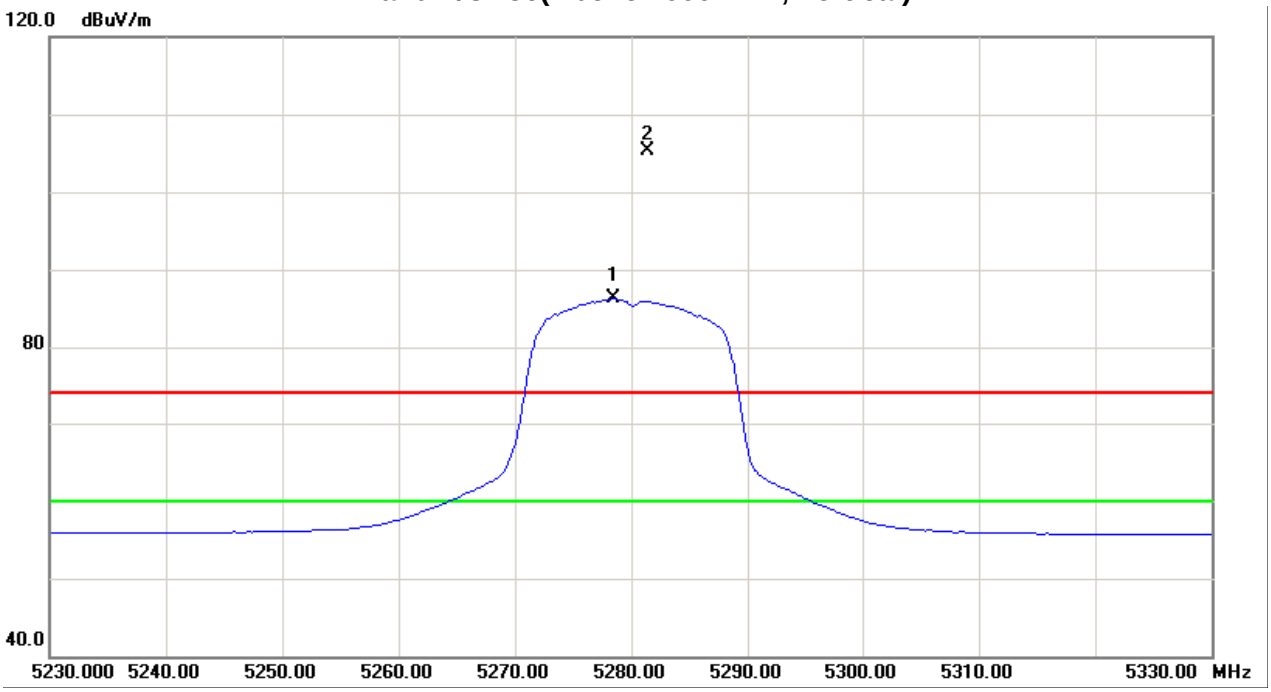
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

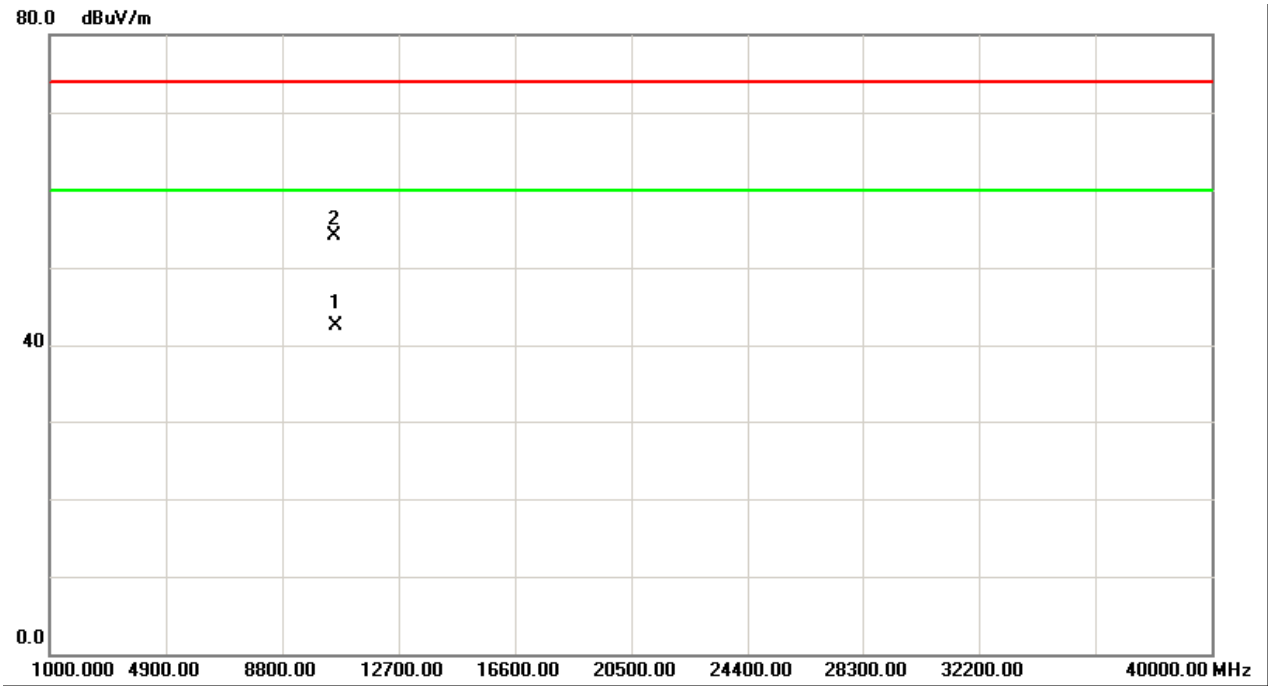
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 2/CH56(Above 1000 MHz, Vertical)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 2/ TX A Mode 5280MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5281.60	H	60.68	42.68	40.44	101.12	83.12	-3.65	-21.65					X/F
10560.32	H	38.26	28.11	13.90	52.16	42.01	-52.61	-62.76	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

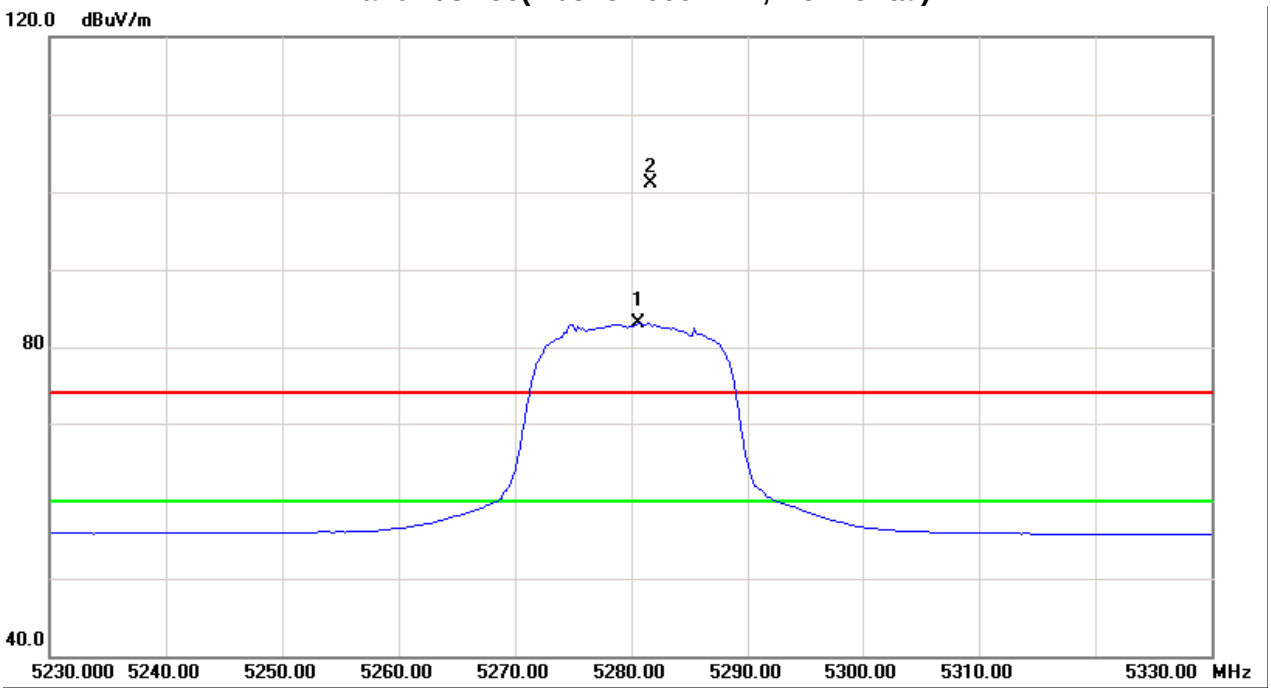
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

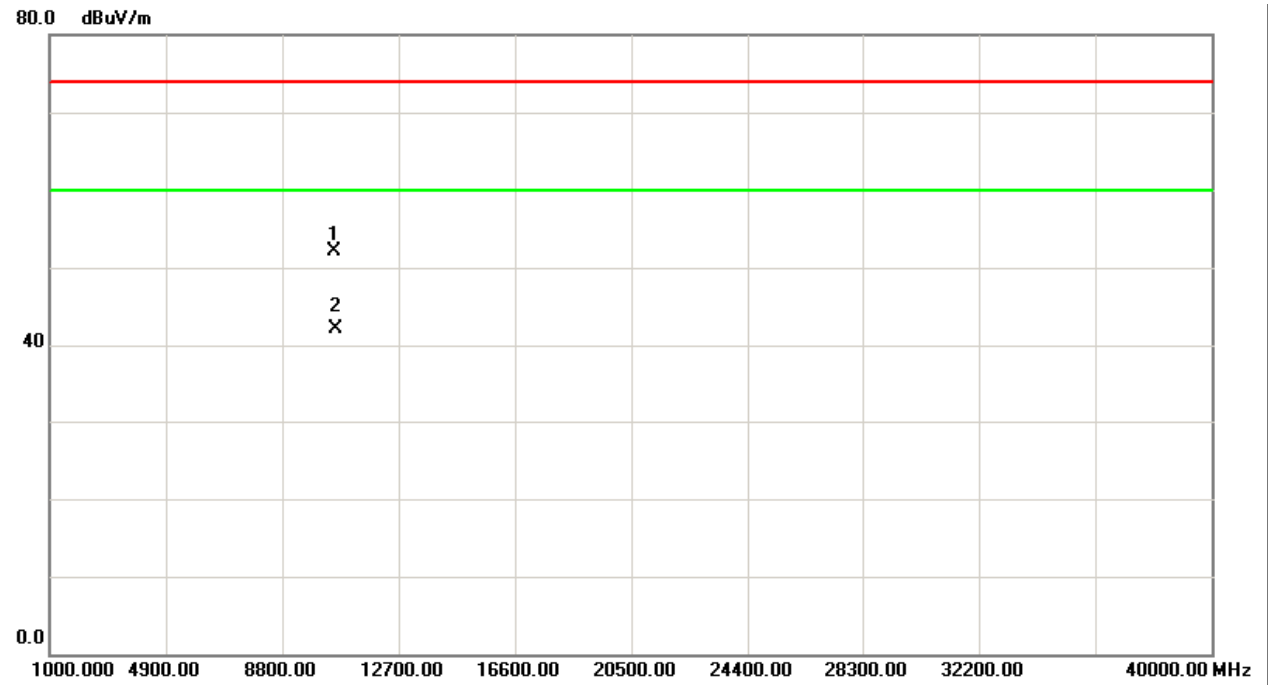
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 2/CH56(Above 1000 MHz, Horizontal)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 2/ TX A Mode 5320MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5318.40	V	65.93	46.93	40.52	106.45	87.45	1.68	-17.32					X/F
5350.00	V	30.04	15.46	40.61	70.65	56.07	-34.12	-48.70	80.00	60.00	-15.30	-35.30	X/E
10640.41	V	40.22	29.32	13.90	54.12	43.22	-50.65	-61.55	80.00	60.00	-15.30	-35.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

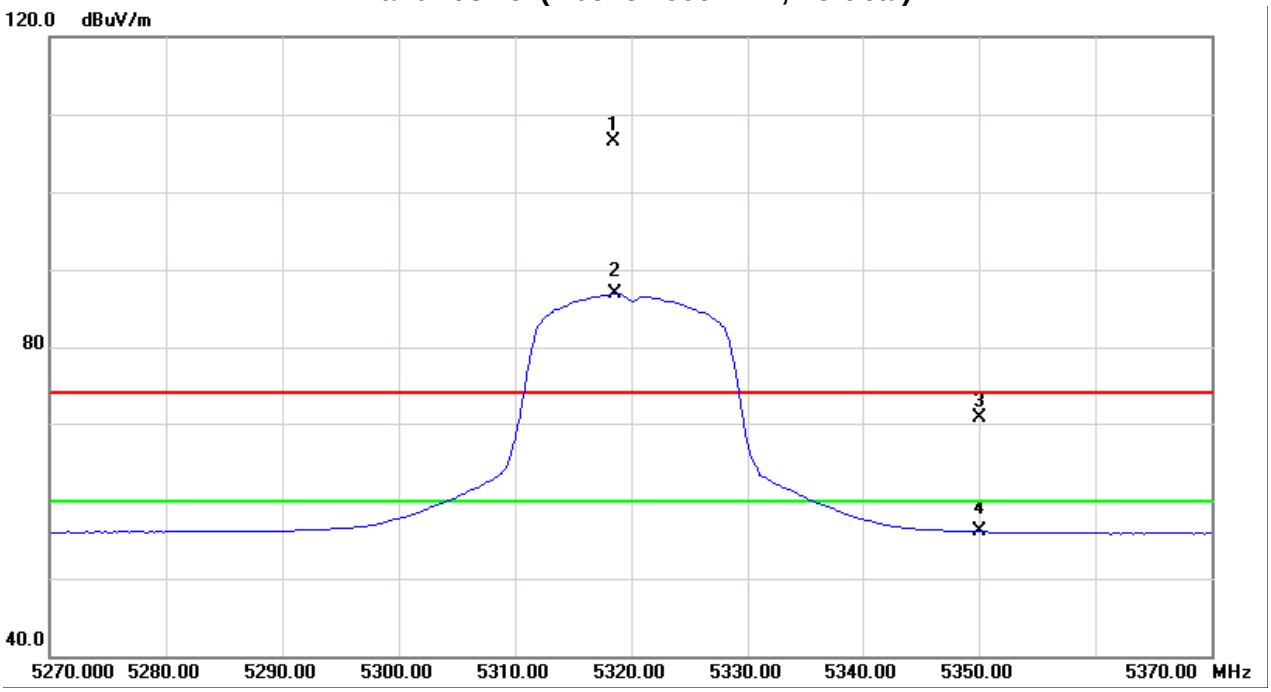
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

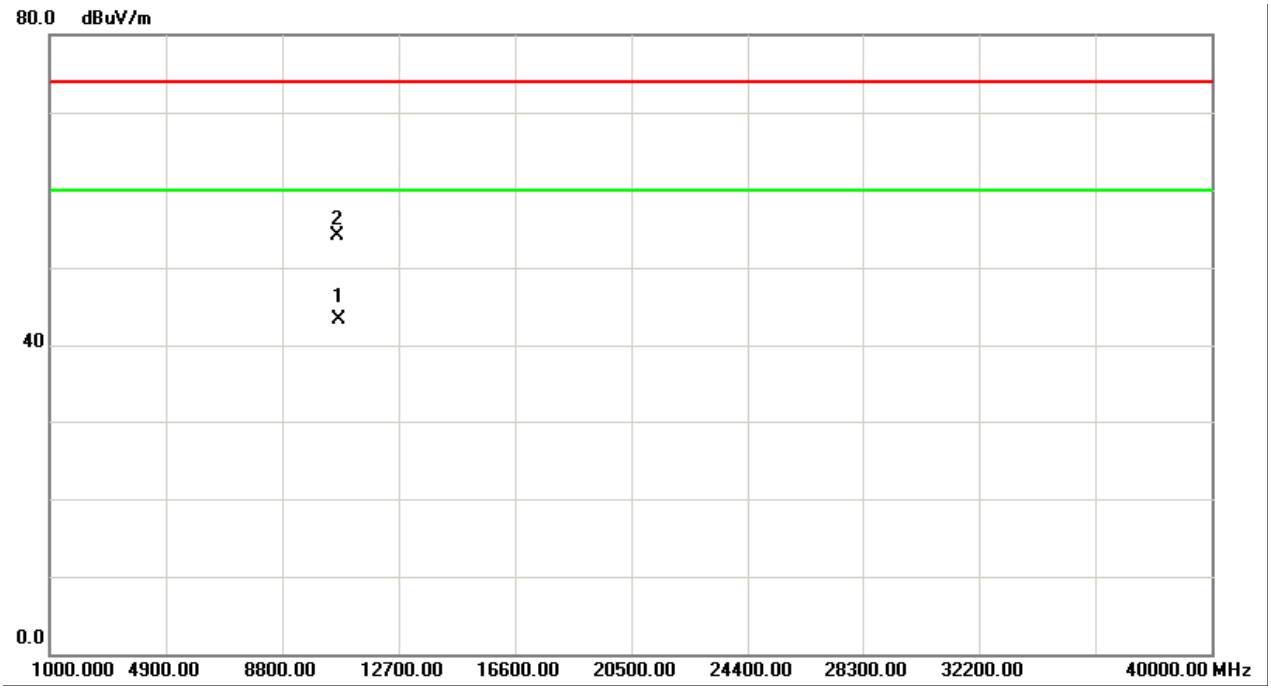
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 2/CH64(Above 1000 MHz, Vertical)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 2/ TX A Mode 5320MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5318.00	H	60.75	41.98	40.53	101.28	82.51	-3.49	-22.26					X/F
5350.00	H	26.96	15.34	40.61	67.57	55.95	-37.20	-48.82	80.00	60.00	-15.30	-35.30	X/E
10640.31	H	39.29	28.31	13.90	53.19	42.21	-51.58	-62.56	80.00	60.00	-15.30	-35.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

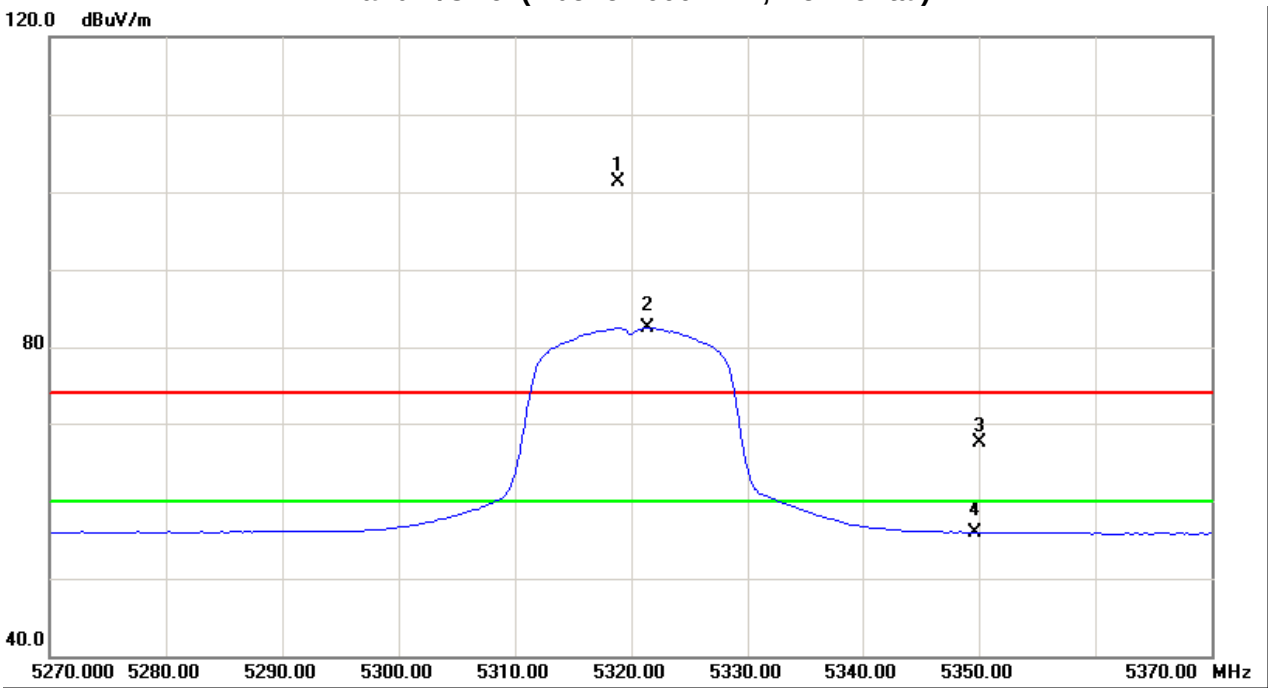
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

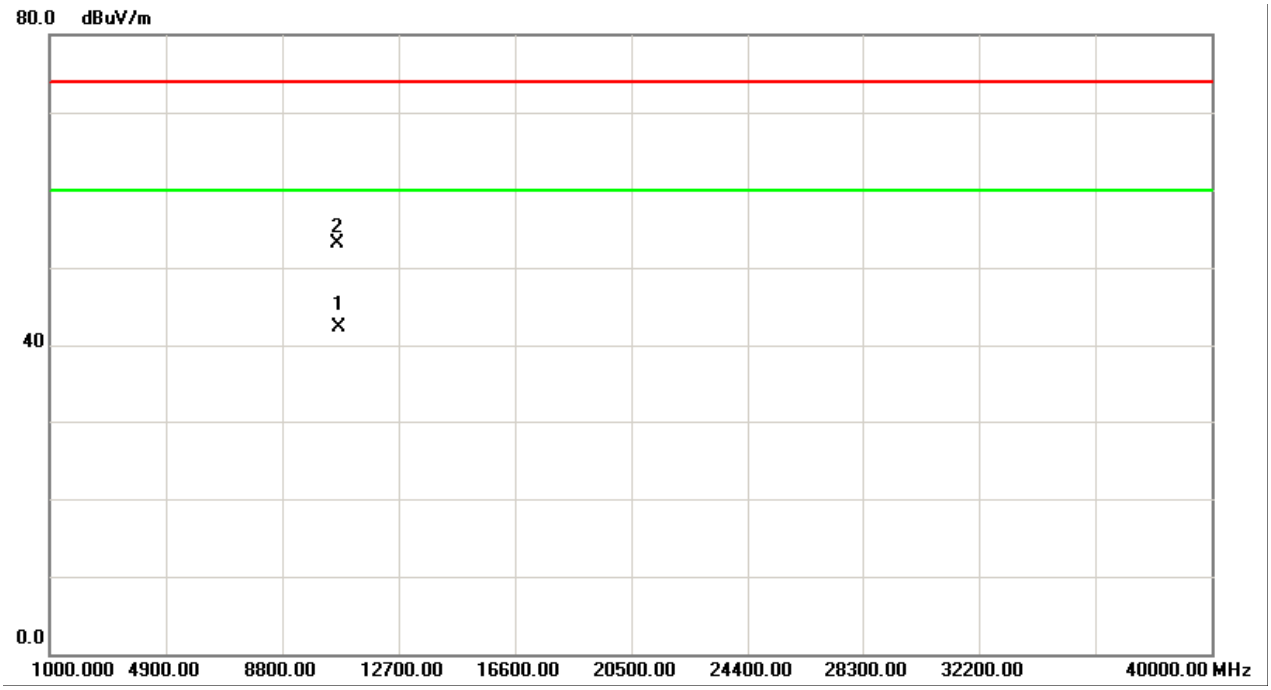
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 2/CH64(Above 1000 MHz, Horizontal)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 2/ TX N20 Mode 5260MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5262.80	V	64.03	45.26	40.38	104.41	85.64	-0.36	-19.13					X/F
10520.60	V	39.17	28.22	13.90	53.07	42.12	-51.70	-62.65	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

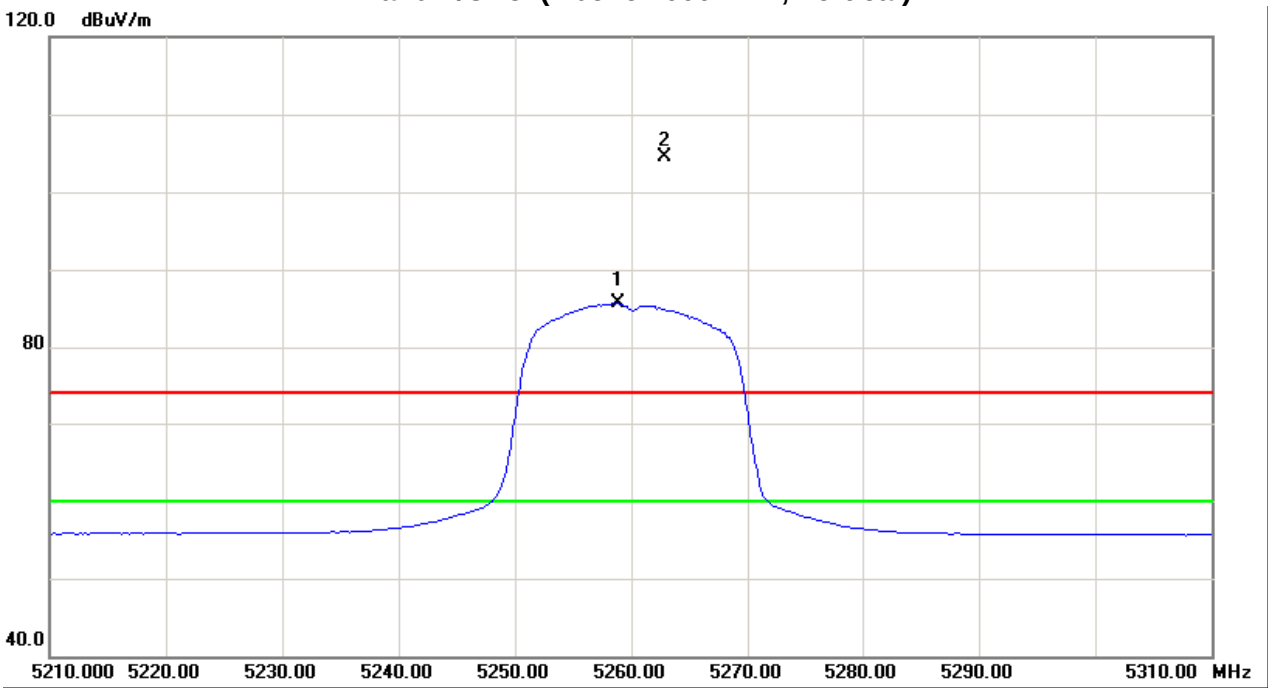
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

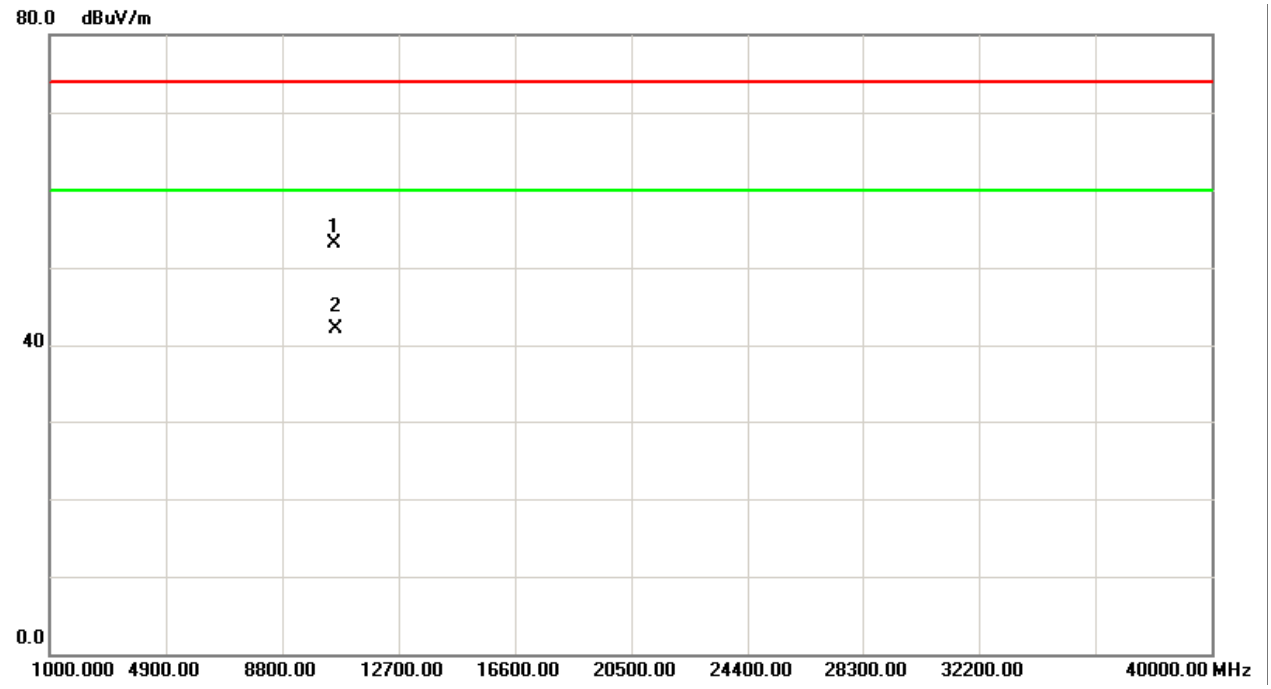
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 2/CH52(Above 1000 MHz, Vertical)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 2/ TX N20 Mode 5260MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5258.60	H	57.84	40.26	40.38	98.22	80.64	-6.55	-24.13					X/F
10520.22	H	37.98	28.83	13.90	51.88	42.73	-52.89	-62.04	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

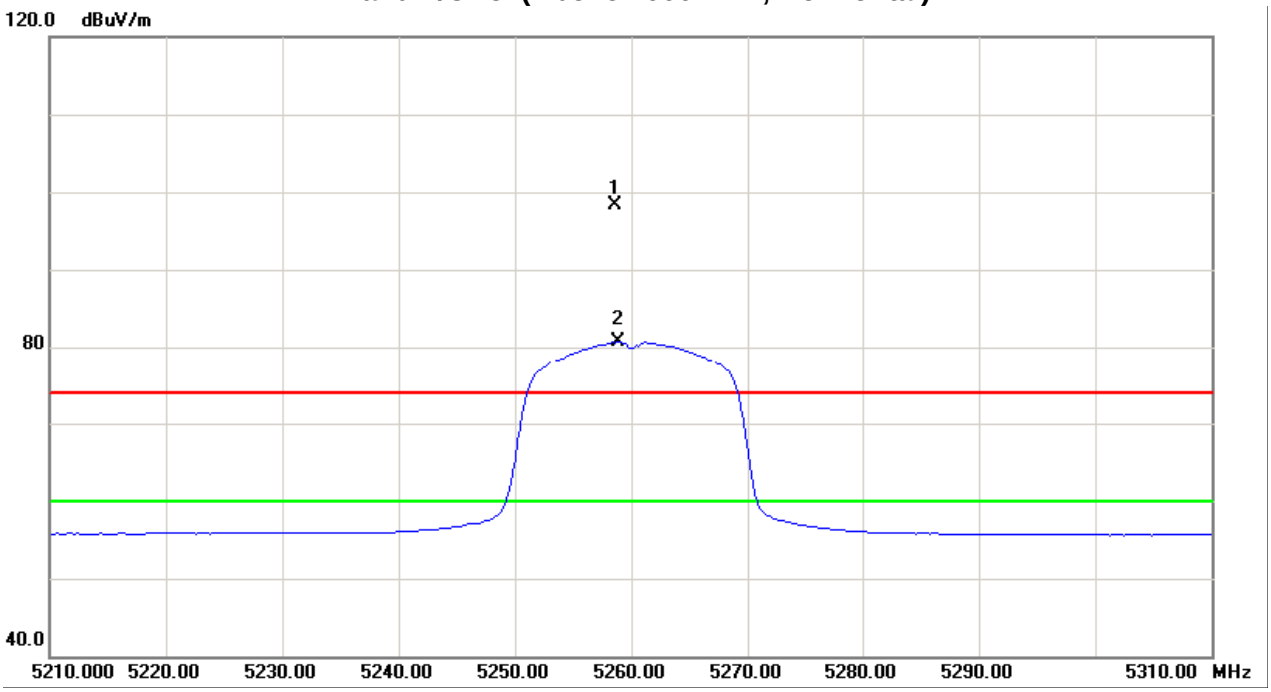
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

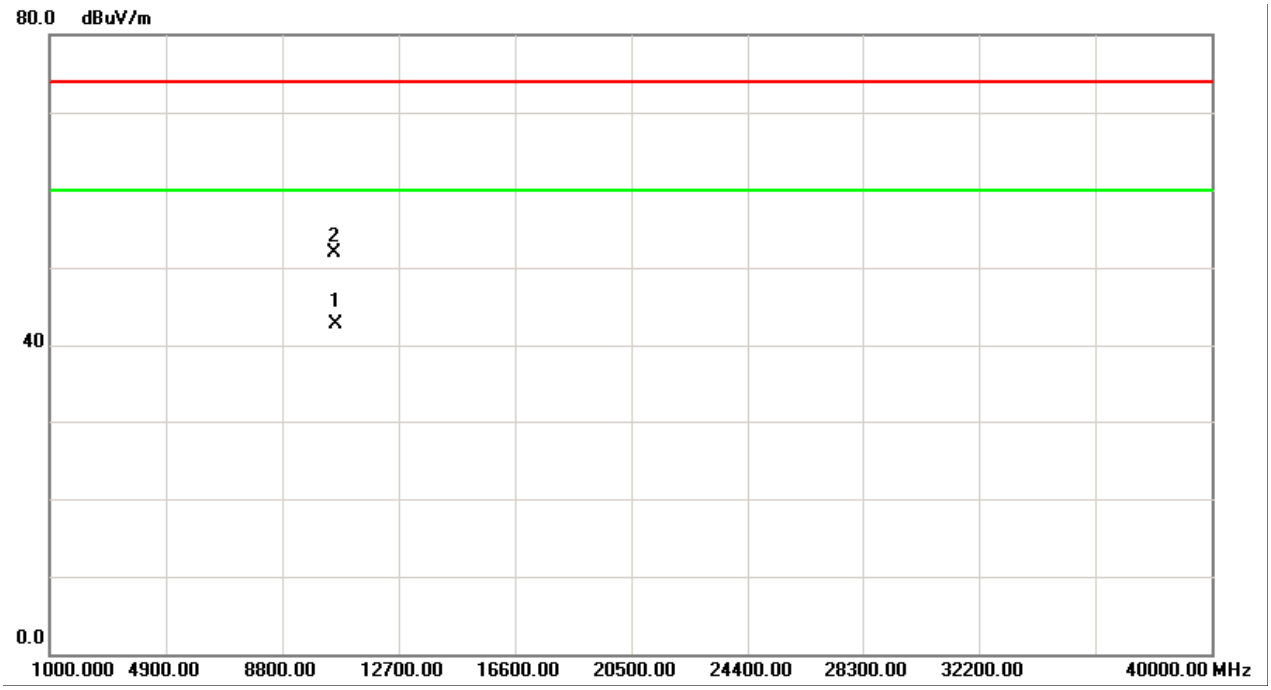
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 2/CH52(Above 1000 MHz, Horizontal)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 2/ TX N20 Mode 5280MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5277.00	V	63.81	44.24	40.42	104.23	84.66	-0.54	-20.11					X/F
10560.47	V	40.33	28.41	13.90	54.23	42.31	-50.54	-62.46	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

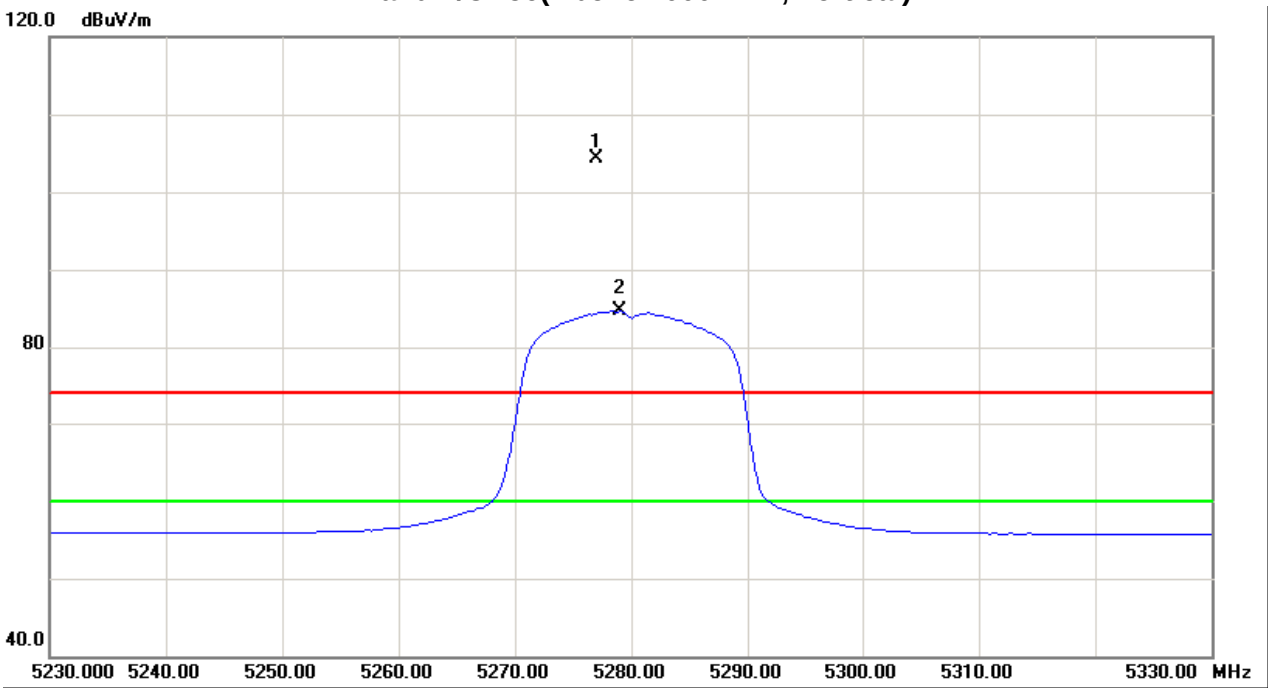
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

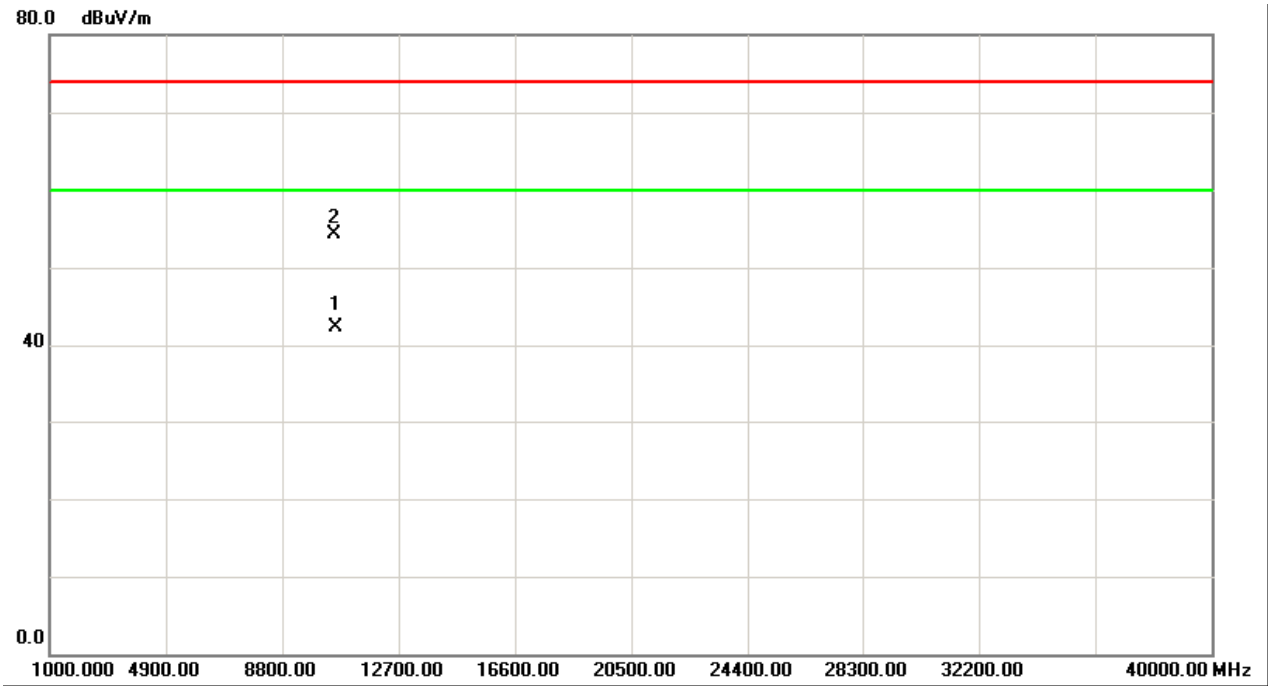
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 2/CH56(Above 1000 MHz, Vertical)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 2/ TX N20 Mode 5280MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5282.00	H	59.31	40.71	40.44	99.75	81.15	-5.02	-23.62					X/F
10560.64	H	37.14	28.61	13.90	51.04	42.51	-53.73	-62.26	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

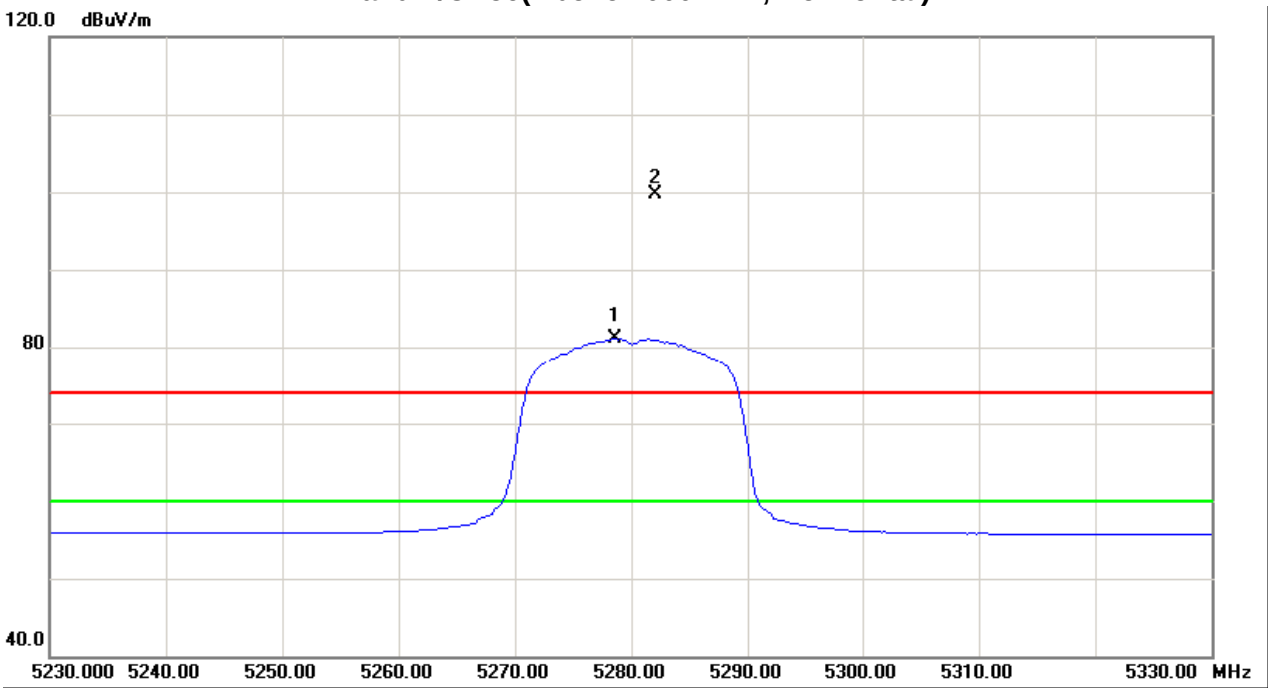
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

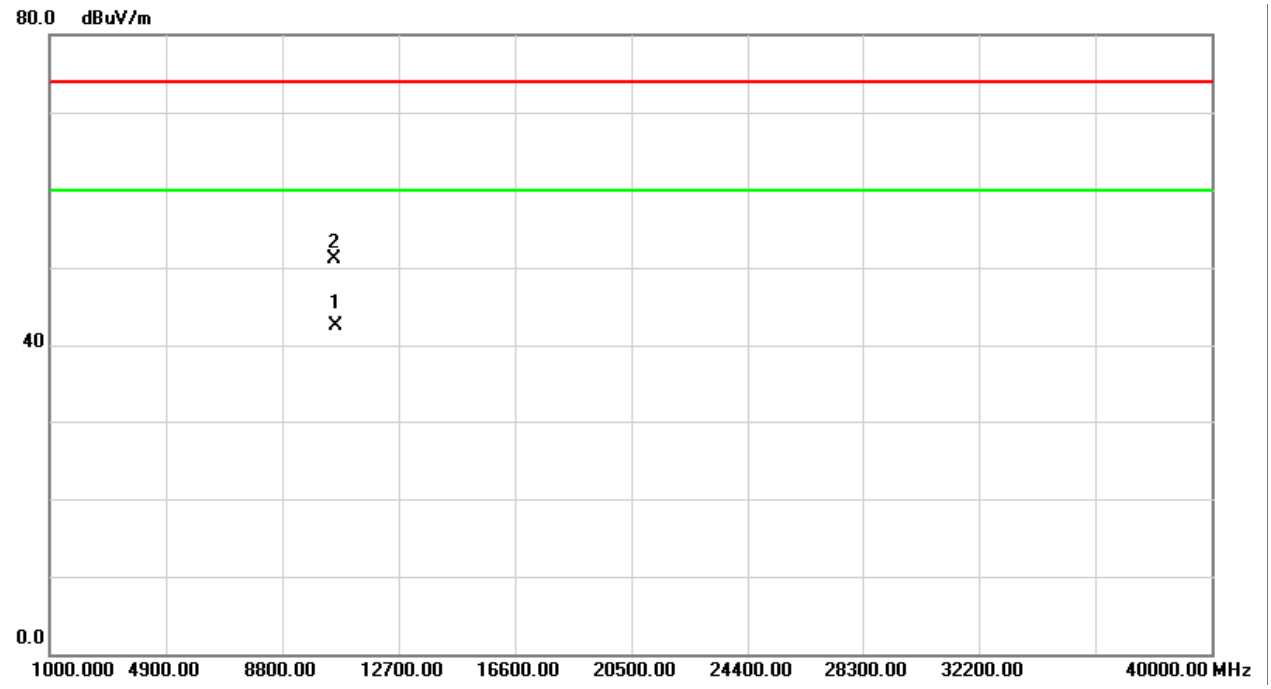
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 2/CH56(Above 1000 MHz, Horizontal)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 2/ TX N20 Mode 5320MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5319.40	V	63.81	44.30	40.53	104.34	84.83	-0.43	-19.94					X/F
5350.00	V	27.06	15.34	40.61	67.67	55.95	-37.10	-48.82	80.00	60.00	-15.30	-35.30	X/E
10640.11	V	40.22	28.38	13.90	54.12	42.28	-50.65	-62.49	80.00	60.00	-15.30	-35.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

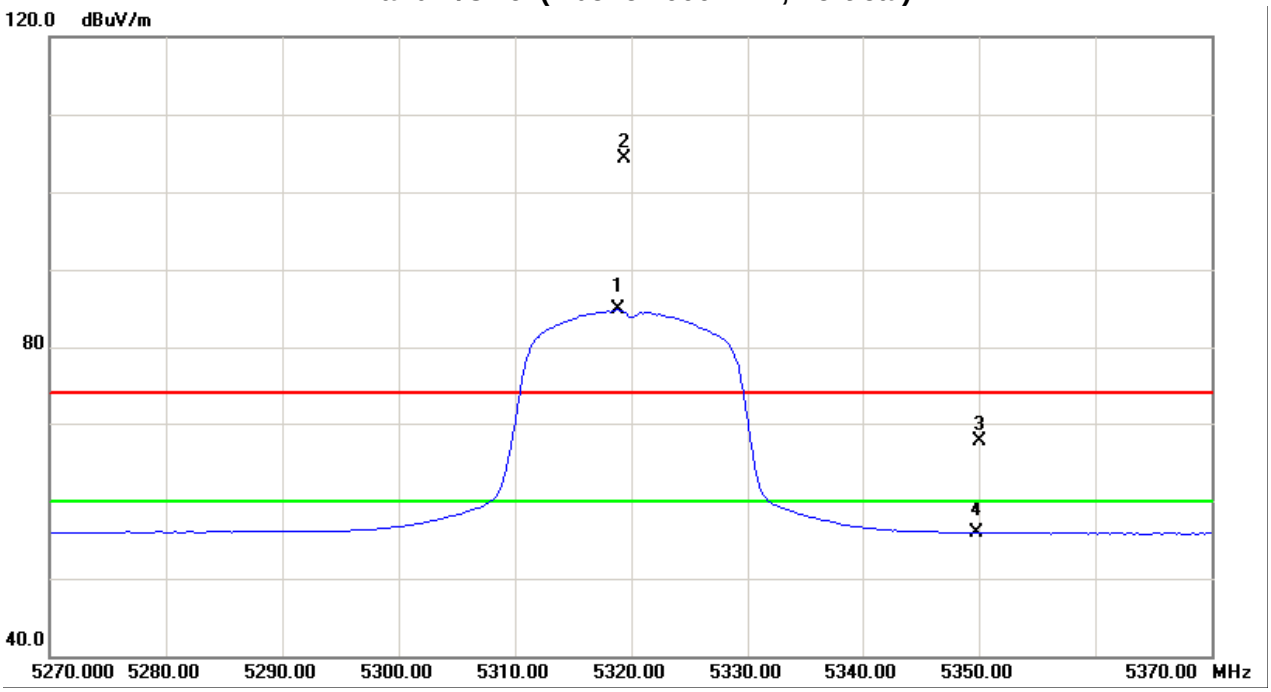
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

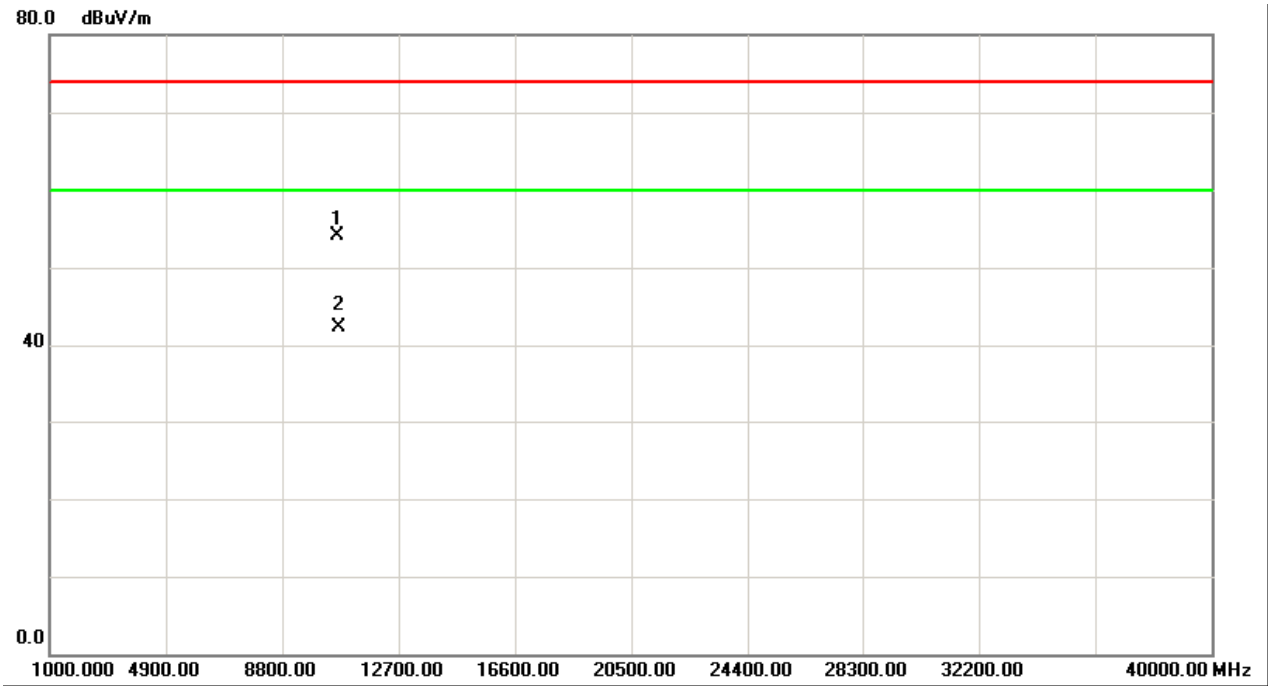
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 2/CH64(Above 1000 MHz, Vertical)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 2/ TX N20 Mode 5320MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5320.40	H	57.93	40.79	40.54	98.47	81.33	-6.30	-23.44					X/F
5350.00	H	26.95	15.31	40.61	67.56	55.92	-37.21	-48.85	80.00	60.00	-15.30	-35.30	X/E
10640.83	H	39.22	28.53	13.90	53.12	42.43	-51.65	-62.34	80.00	60.00	-15.30	-35.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

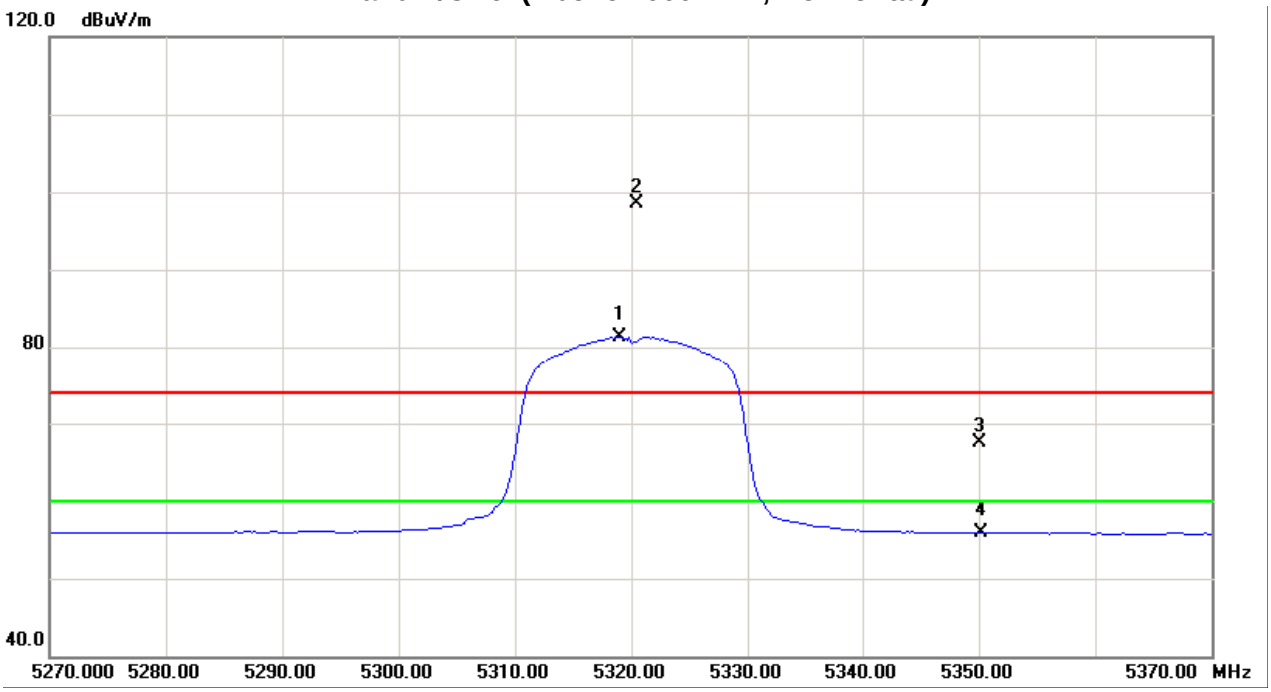
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

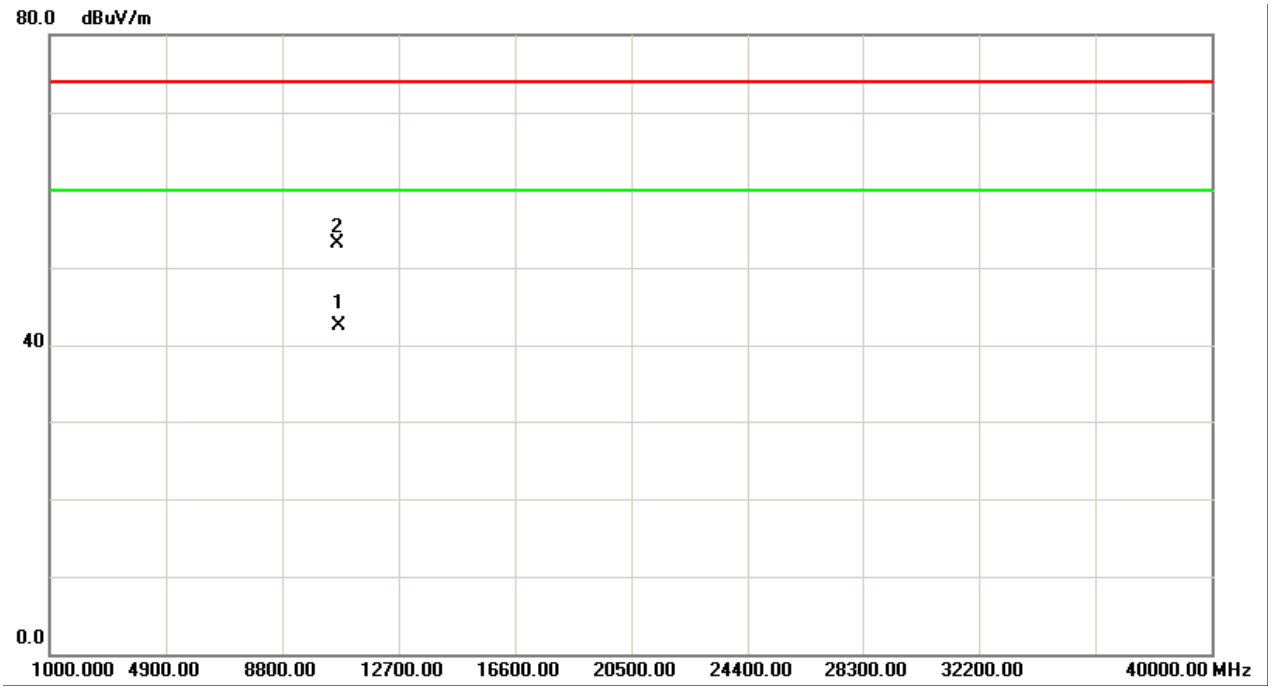
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 2/CH64(Above 1000 MHz, Horizontal)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 2/ TX N40 Mode 5270MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5272.00	V	60.98	37.22	40.41	101.39	77.63	-3.38	-27.14					X/F
10539.15	V	38.57	27.36	13.90	52.47	41.26	-52.30	-63.51	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

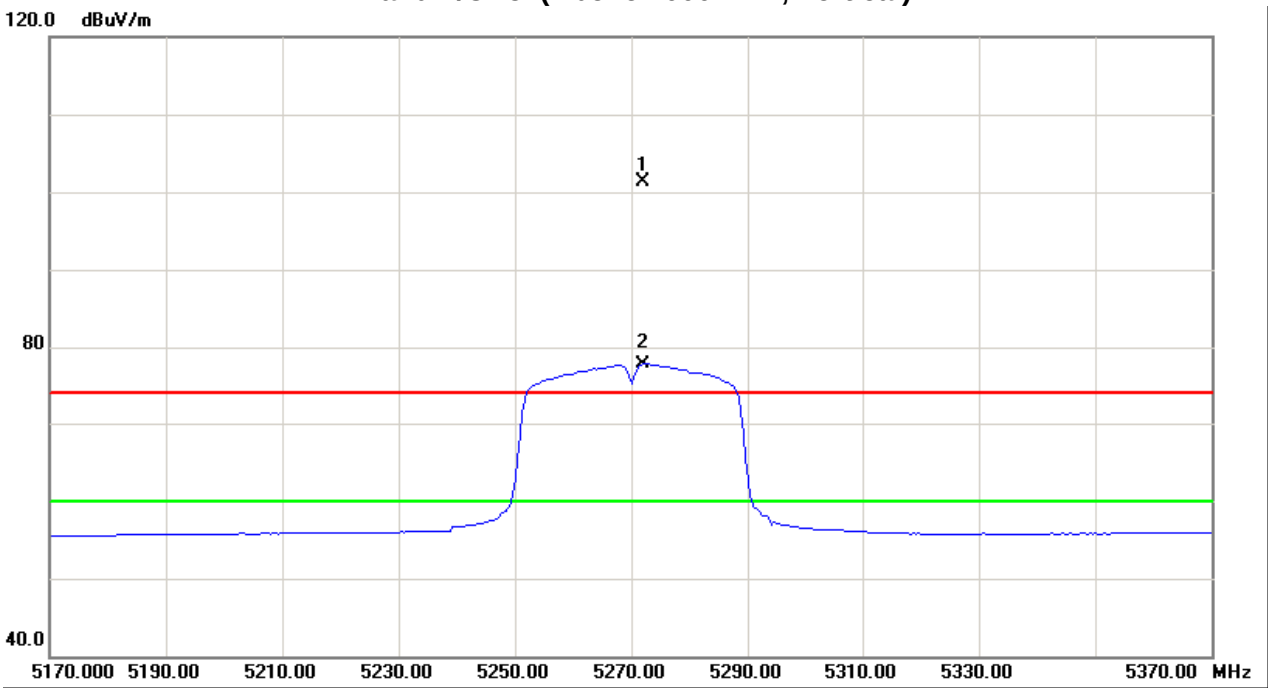
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

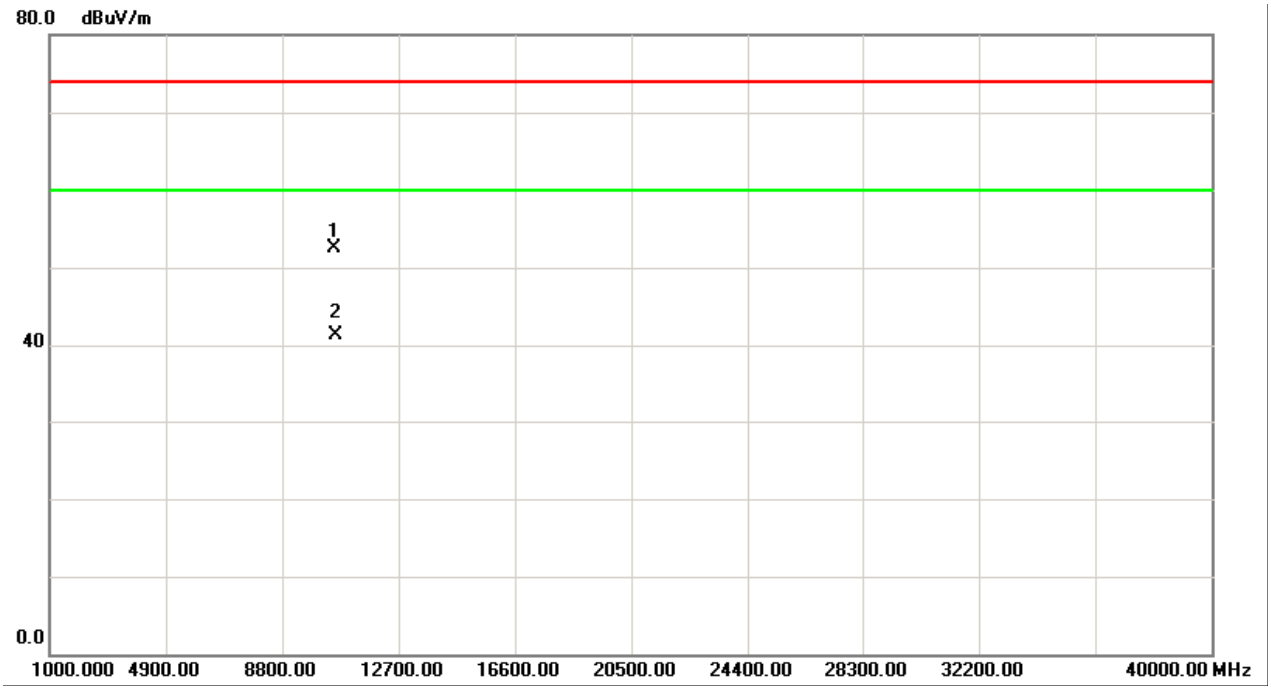
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 2/CH54(Above 1000 MHz, Vertical)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 2/ TX N40 Mode 5270MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5267.60	H	54.29	34.07	40.39	94.68	74.46	-10.09	-30.31					X/F
10540.21	H	36.22	27.07	13.90	50.12	40.97	-54.65	-63.80	74.30		-21.00		X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

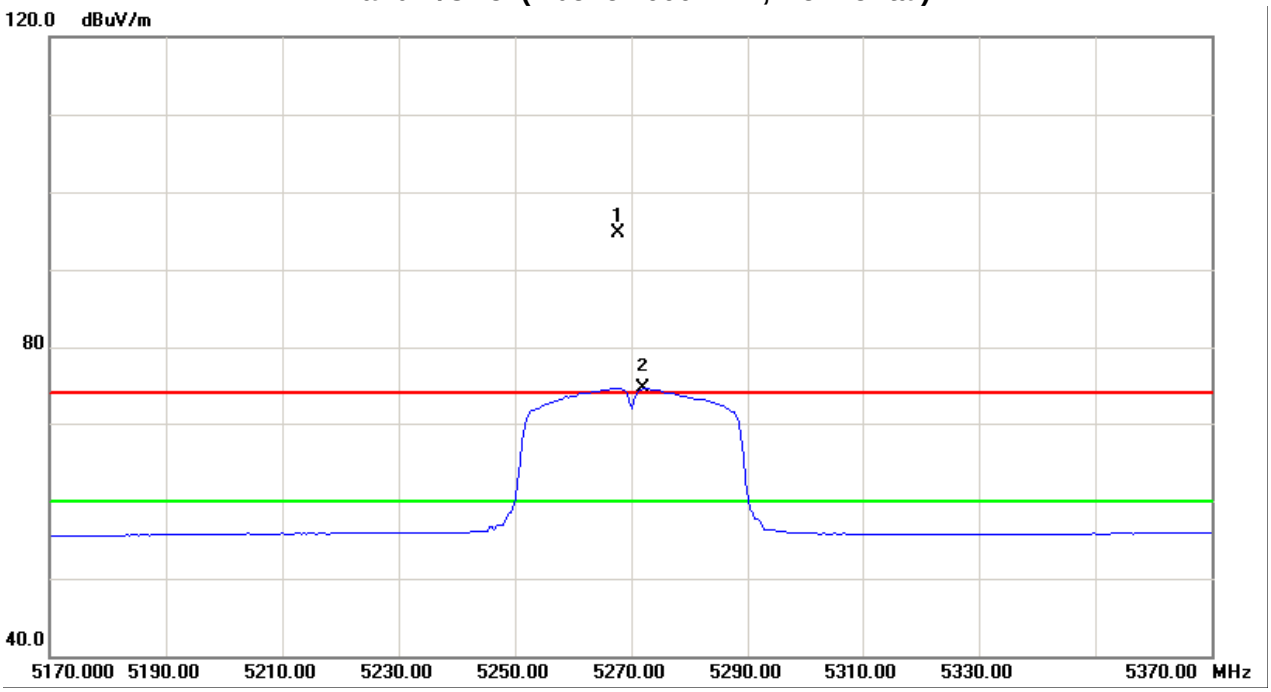
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

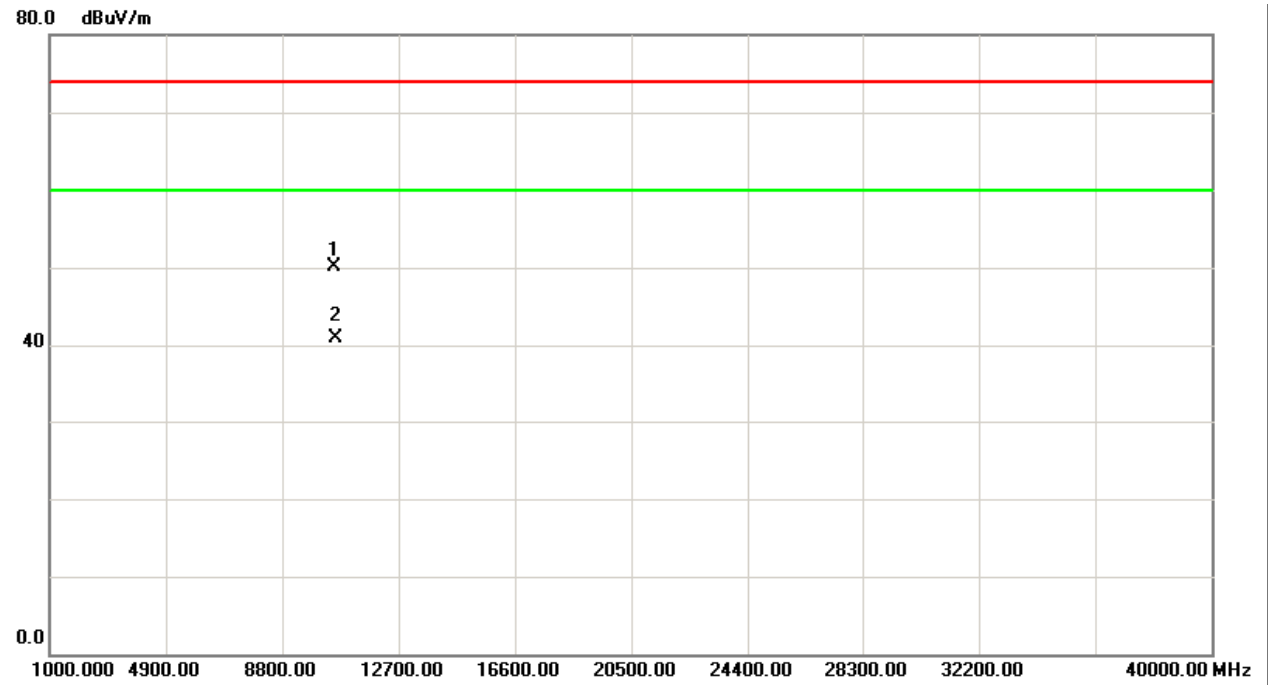
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 2/CH54(Above 1000 MHz, Horizontal)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 2/ TX N40 Mode 5310MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5312.40	V	61.20	36.71	40.51	101.71	77.22	-3.06	-27.55					X/F
5350.00	V	26.47	15.52	40.61	67.08	56.13	-37.69	-48.64	80.00	60.00	-15.30	-35.30	X/E
10620.17	V	36.67	27.01	13.90	50.57	40.91	-54.20	-63.86	80.00	60.00	-15.30	-35.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

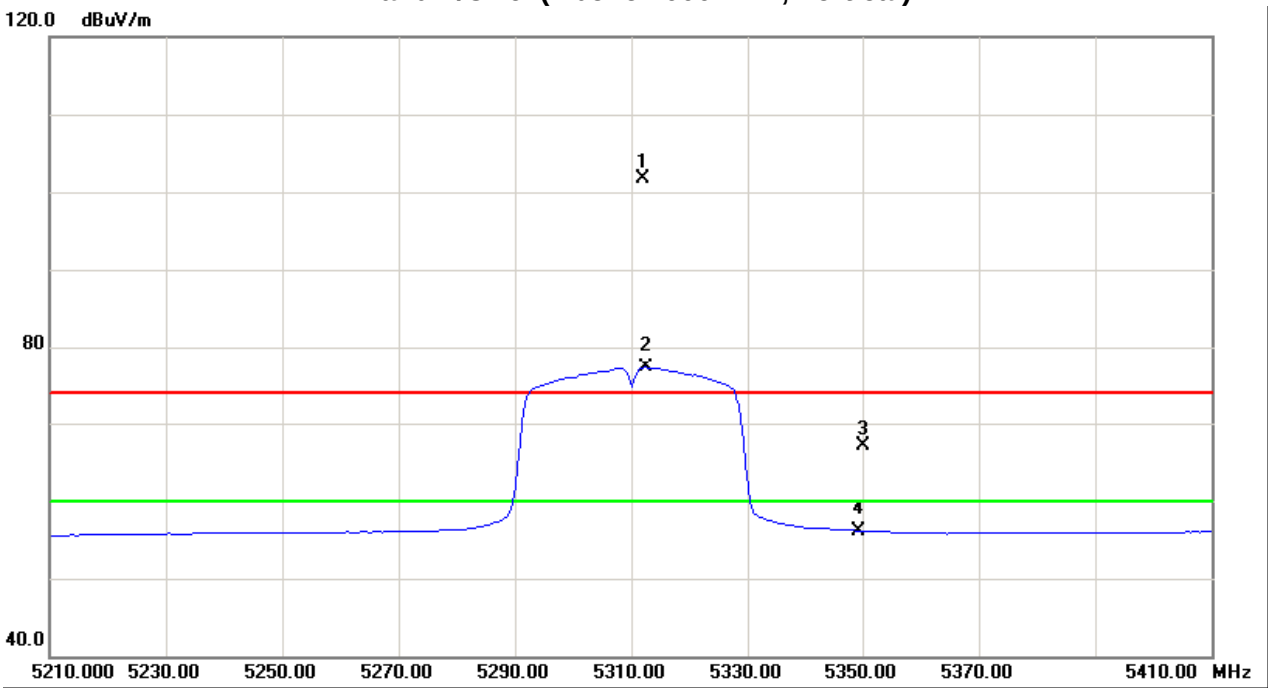
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

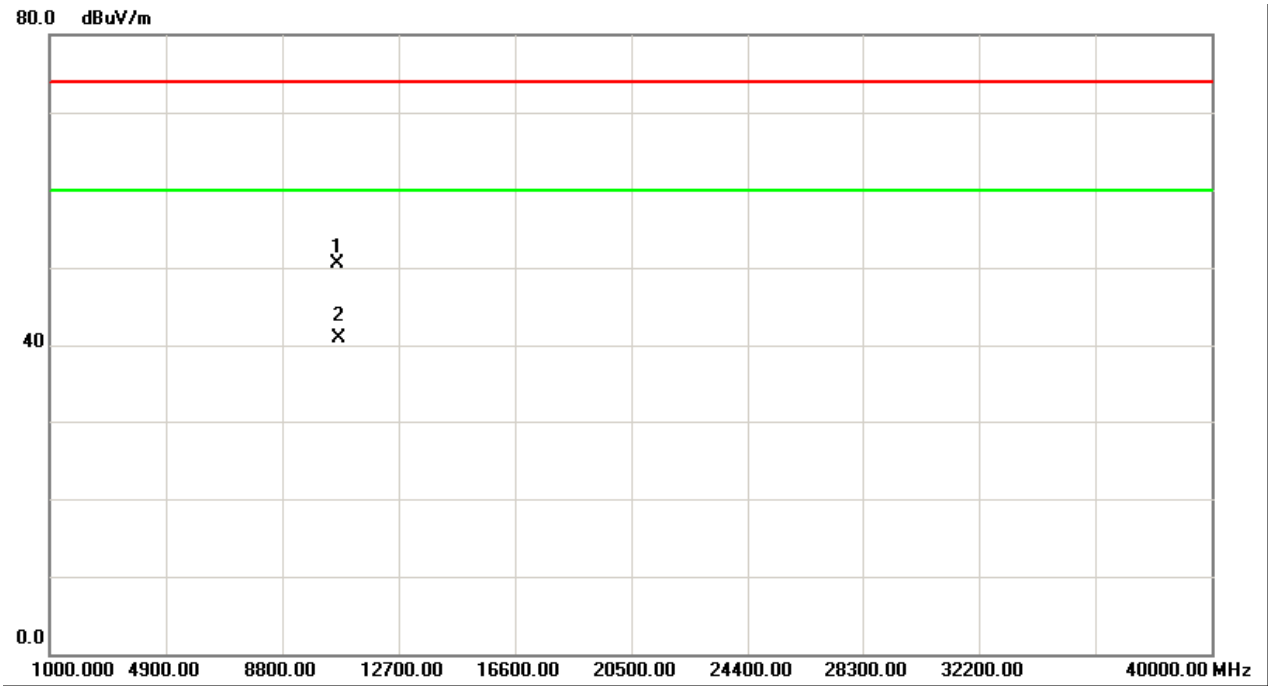
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 2/CH62(Above 1000 MHz, Vertical)





EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	DC 3.8V		
Test Mode ：	Band 2/ TX N40 Mode 5310MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5312.40	H	54.59	34.09	40.51	95.10	74.60	-9.67	-30.17					X/F
5350.00	H	27.33	15.25	40.61	67.94	55.86	-36.83	-48.91	80.00	60.00	-15.30	-35.30	X/E
10620.17	H	36.67	27.01	13.90	50.57	40.91	-54.20	-63.86	80.00	60.00	-15.30	-35.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV 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 。

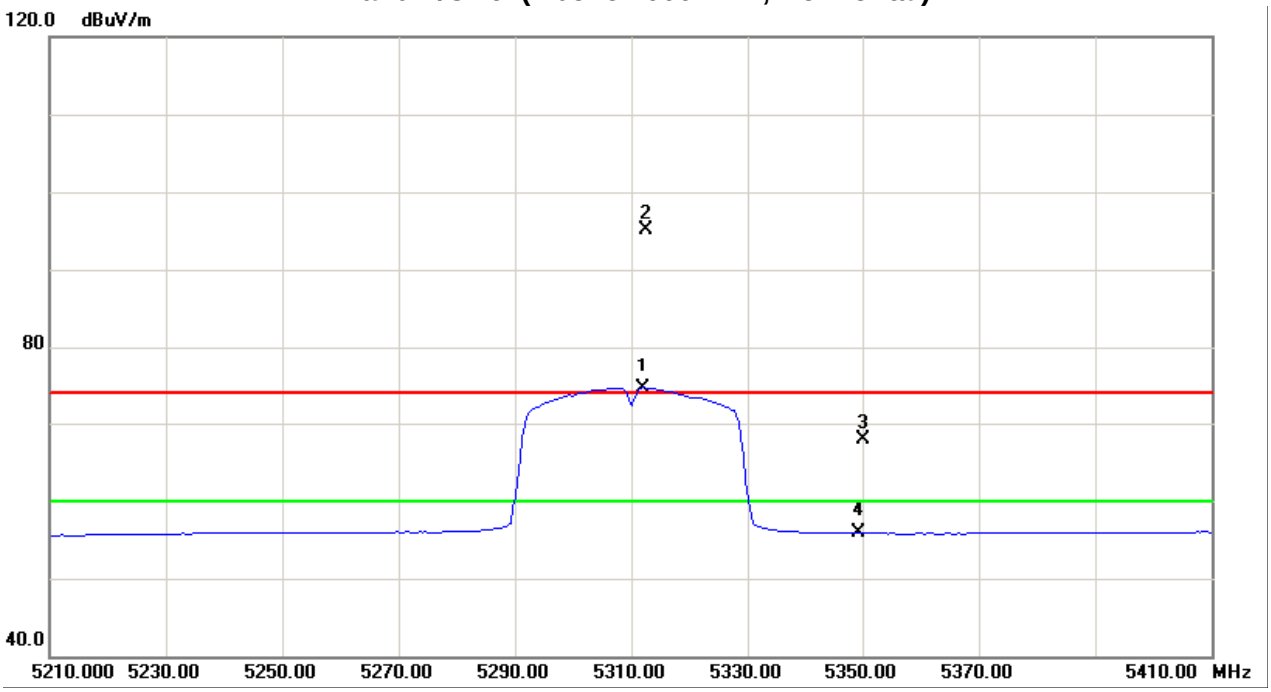
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

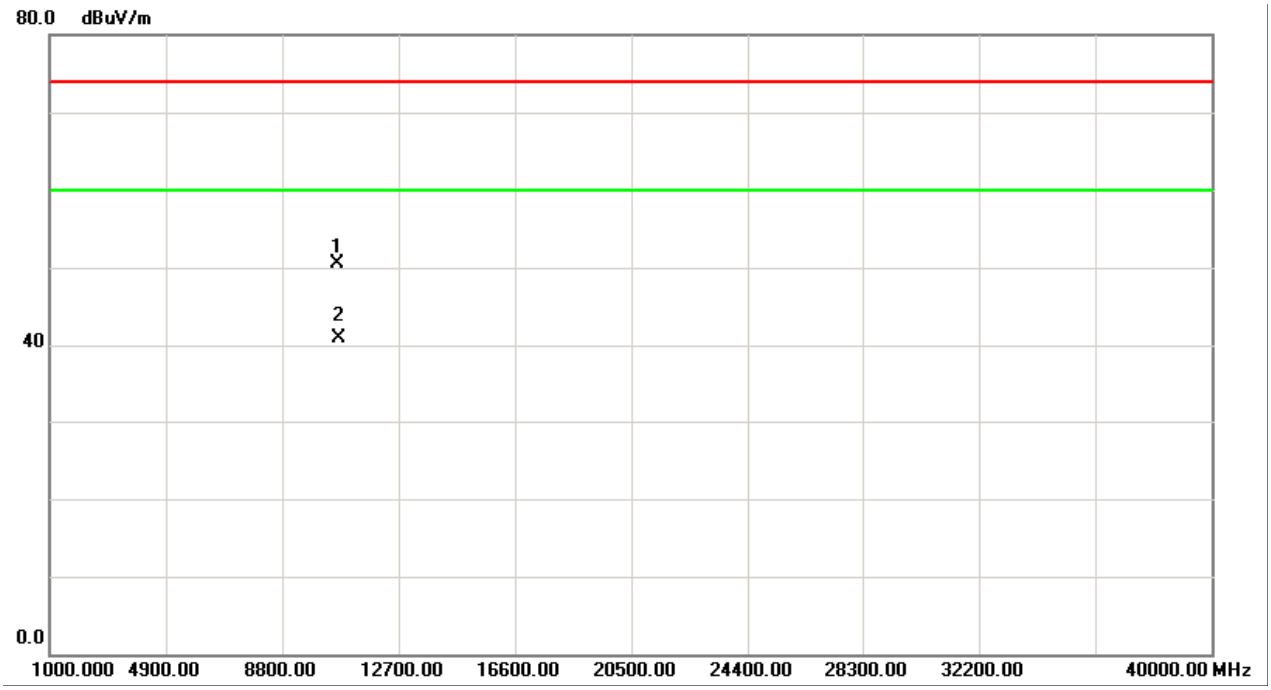
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

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

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

Orthogonal Axis：X
Band 2/CH62(Above 1000 MHz, Horizontal)





5. 26dB SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
26 dB Bandwidth	------	5150MHz~5250 5250MHz~5350 5470MHz~5725	PASS

5.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Next Calibration
1	Spectrum Analyzer	R&S	FSP_40	100129	Nov.26.2012	Nov.26.2013

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

5.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

b.

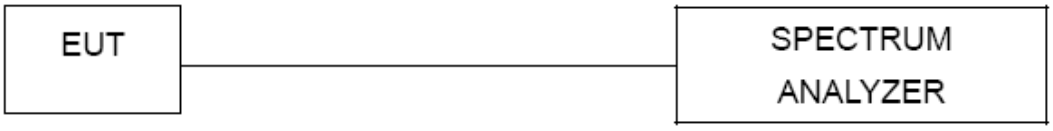
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RB	300 kHz
VB	1000 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

c. Measured the spectrum width with power higher than 26dB below carrier

5.1.3 DEVIATION FROM STANDARD

No deviation.

5.1.4 TEST SETUP



5.1.5 EUT OPERATION CONDITIONS

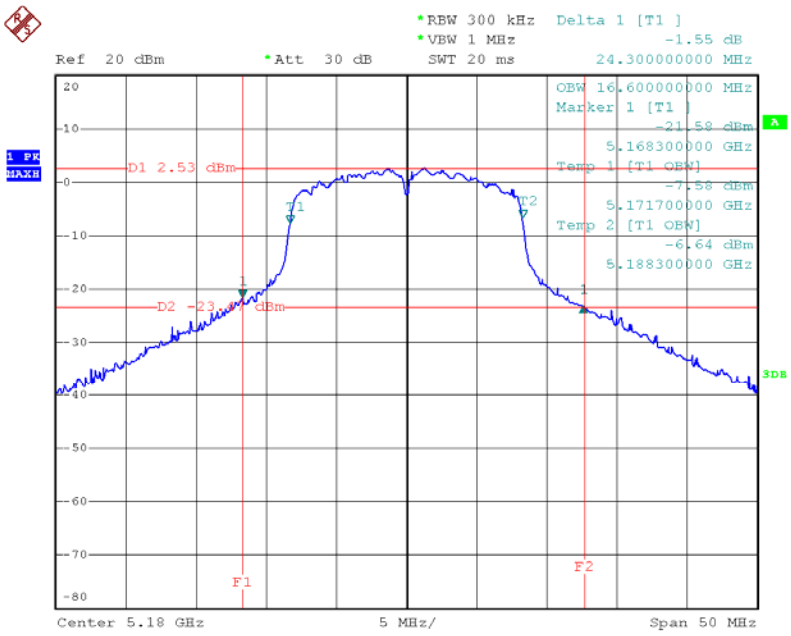
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

5.1.6 TEST RESULTS

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 1/TX A Mode /CH36, CH40, CH48		

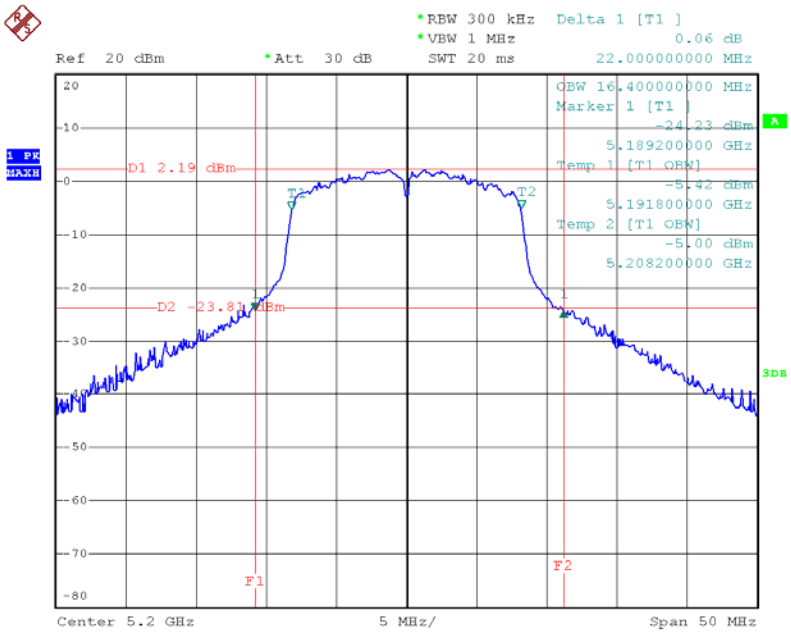
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	24.30	16.60
CH40	5210	22.00	16.40
CH48	5240	21.70	16.40

CH36



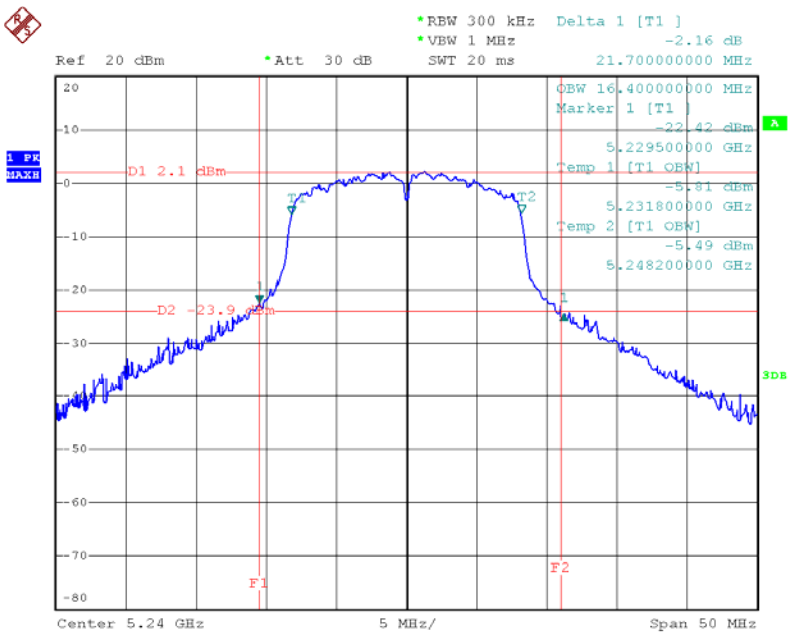
Date: 28.FEB.2013 18:59:01

CH40



Date: 28.FEB.2013 19:00:26

CH48

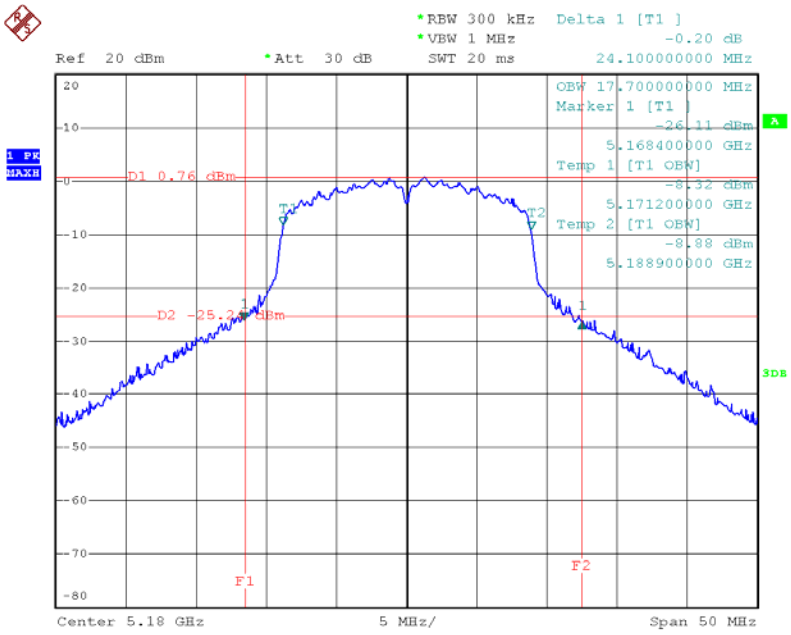


Date: 28.FEB.2013 19:01:15

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 1/TXN20 Mode /CH36, CH40, CH48		

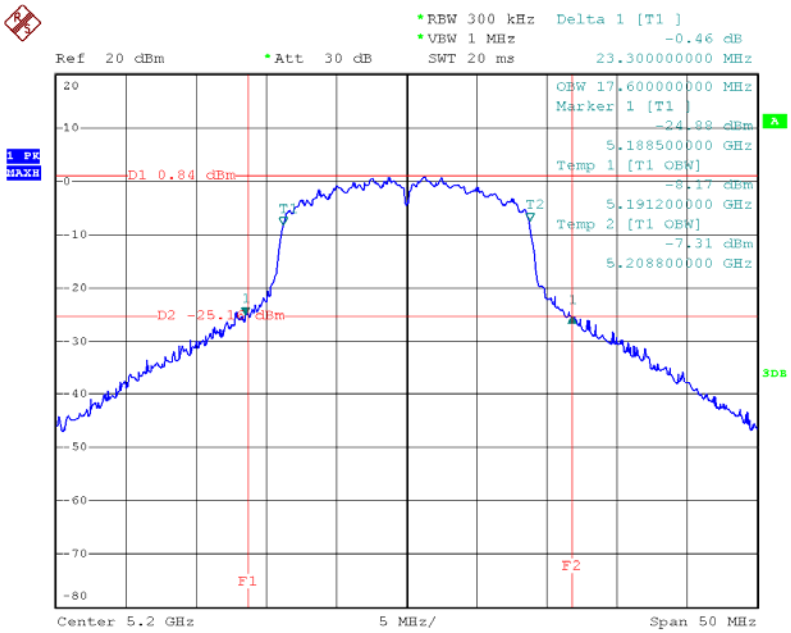
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	24.10	17.70
CH40	5210	23.30	17.60
CH48	5240	24.60	17.60

CH36



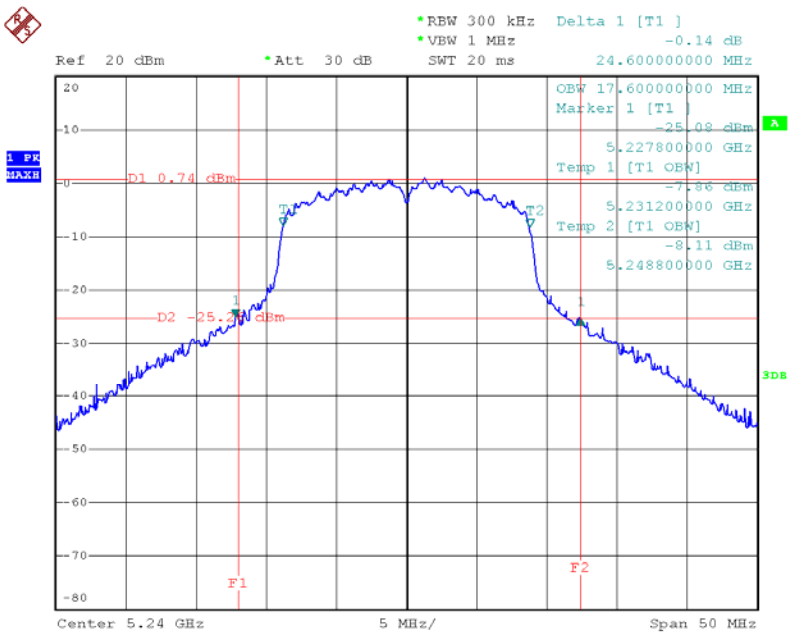
Date: 28.FEB.2013 19:06:48

CH40



Date: 28.FEB.2013 19:07:49

CH48

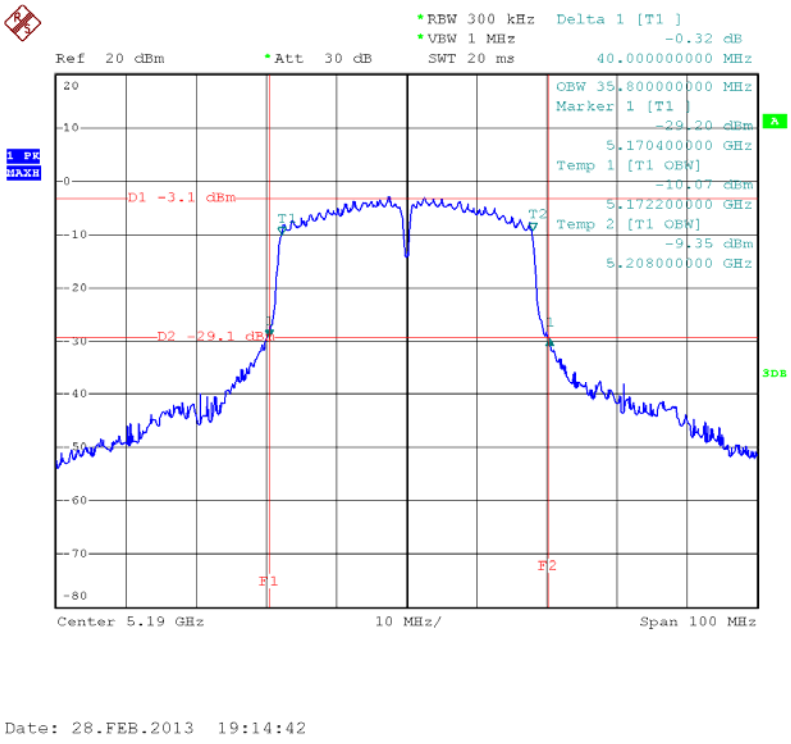


Date: 28.FEB.2013 19:08:47

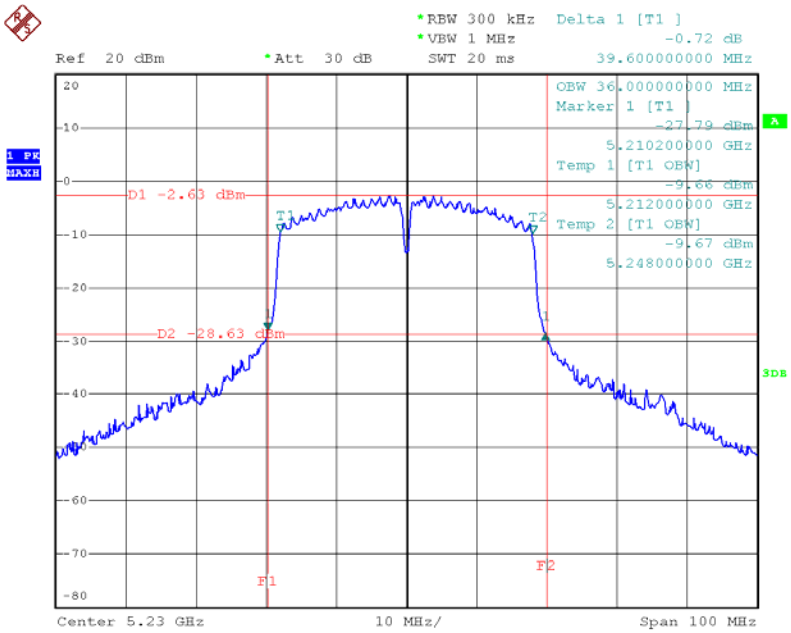
EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 1/TXN40 Mode /CH38, CH46		

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	40.00	35.80
CH46	5230	39.60	36.00

CH38



CH46

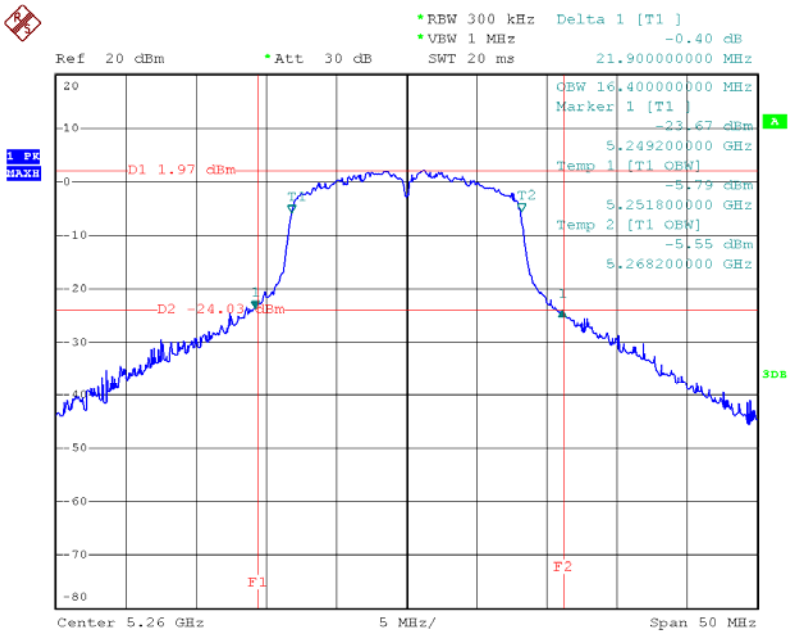


Date: 28.FEB.2013 19:16:40

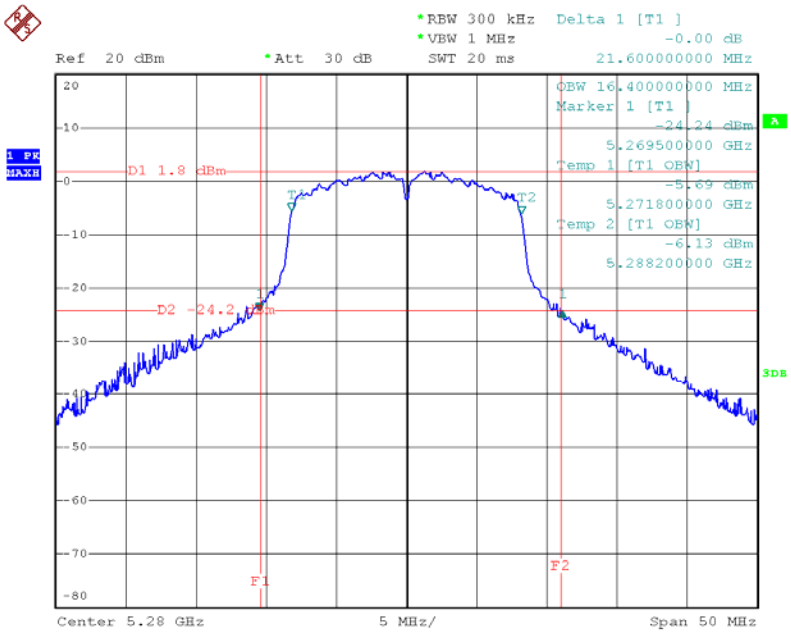
EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 2/TX A Mode /CH52, CH56, CH64		

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH52	5260	21.90	16.40
CH56	5280	21.60	16.40
CH64	5320	22.20	16.50

CH52

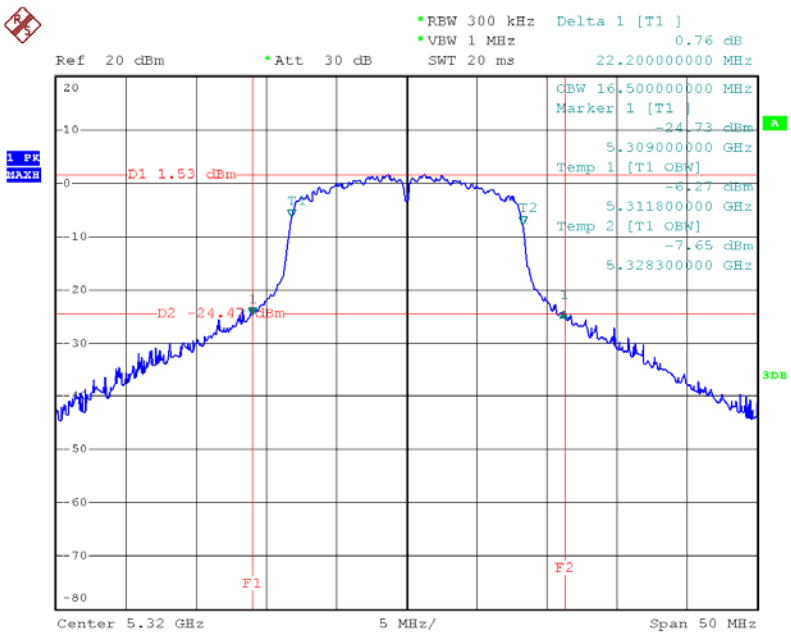


CH56



Date: 28.FEB.2013 19:03:15

CH64

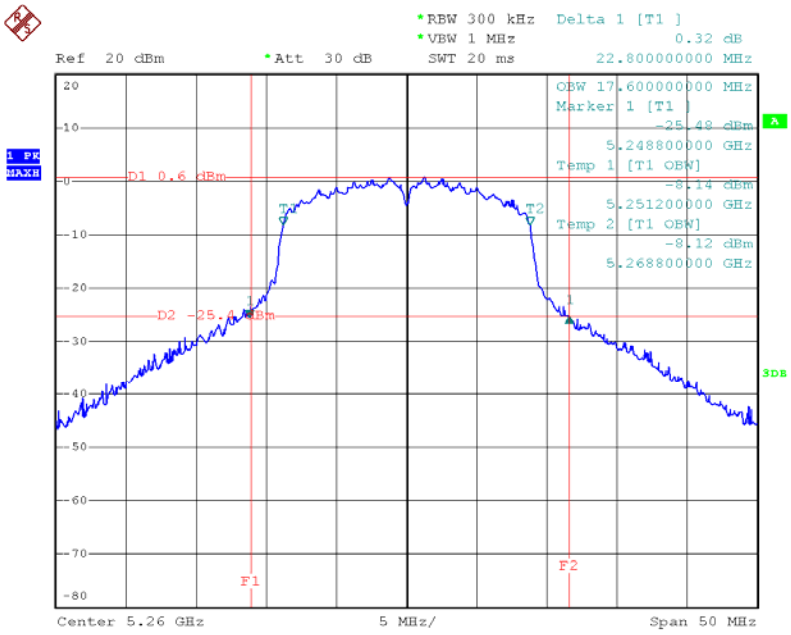


Date: 28.FEB.2013 19:04:41

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 2/TX N20 Mode /CH52, CH56, CH64		

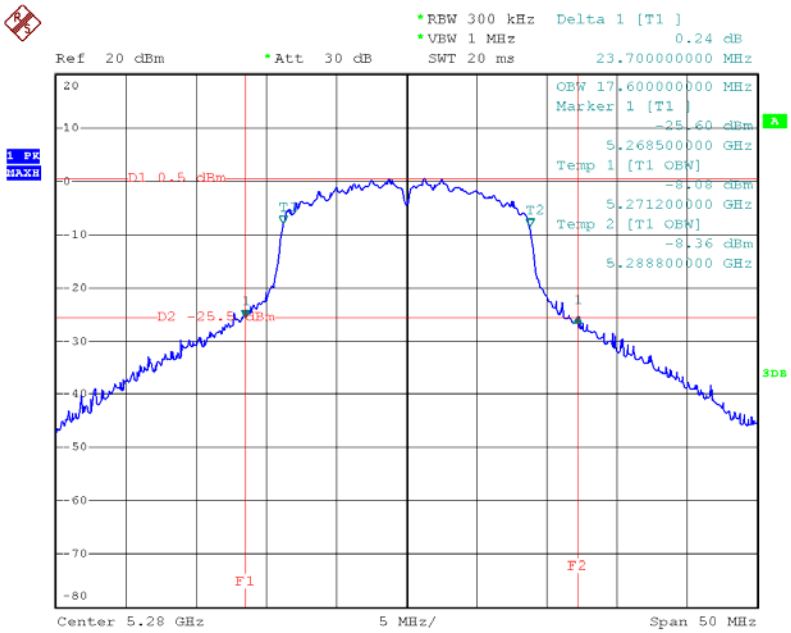
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH52	5260	22.80	17.60
CH56	5280	23.70	17.60
CH64	5320	23.90	17.60

CH52



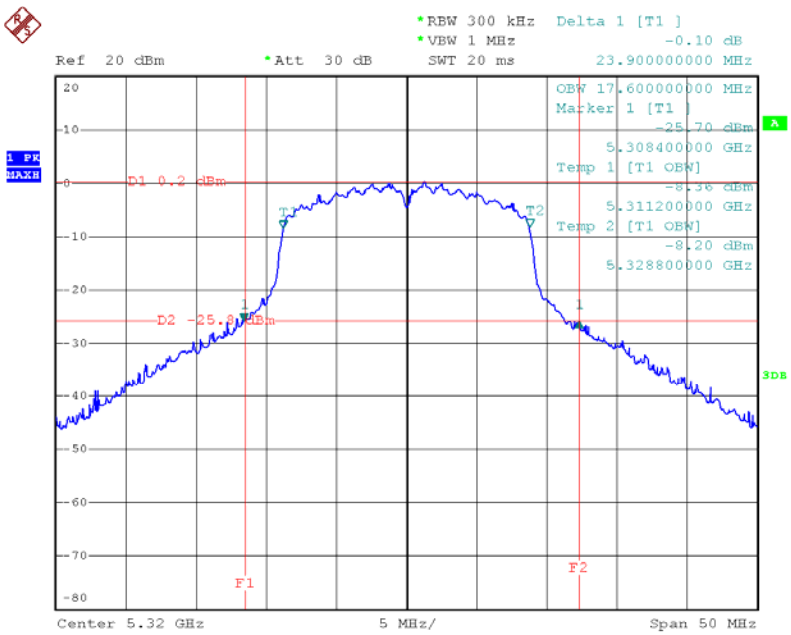
Date: 28.FEB.2013 19:10:56

CH56



Date: 28.FEB.2013 19:11:51

CH64

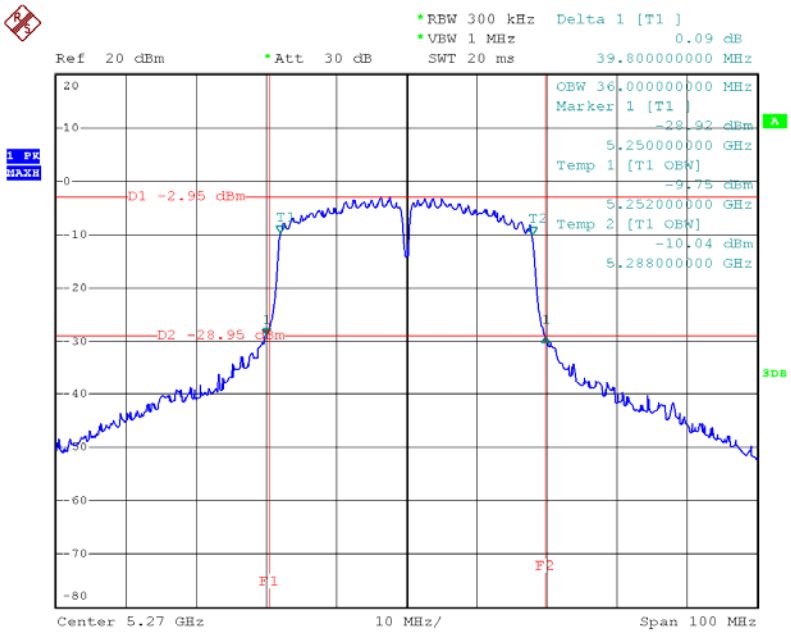


Date: 28.FEB.2013 19:13:07

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 2/TX N40 Mode /CH54, CH62		

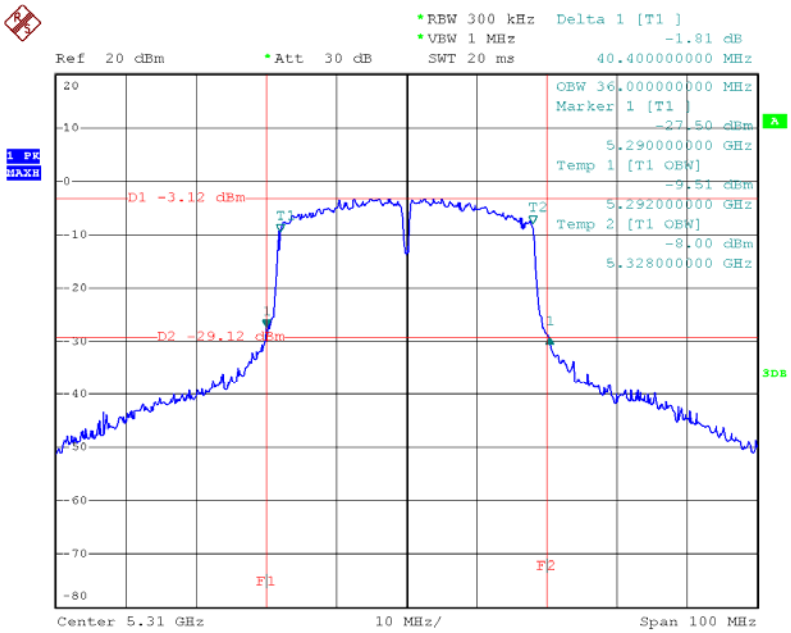
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH54	5270	39.80	36.00
CH62	5310	40.40	36.00

CH54



Date: 28.FEB.2013 19:15:52

CH62



Date: 28.FEB.2013 19:18:37

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Frequency Range (MHz)	Limit	Result
Peak Output Power	5150 - 5250	not exceed the lesser of 50 mW (17dBm) or 4 dBm + 10log B,	PASS
	5250 - 5350	not exceed the lesser of 250 mW (24dBm) or 11 dBm + 10log B	PASS
	5470 - 5725	not exceed the lesser of 250 mW (24dBm) or 11 dBm + 10log B	N/A

Note: where "B" is the 26 dB emissions bandwidth in MHz.

6.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Next Calibration
1	Spectrum Analyzer	R&S	FSP_40	100129	Nov.26.2012	Nov.26.2013

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

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.

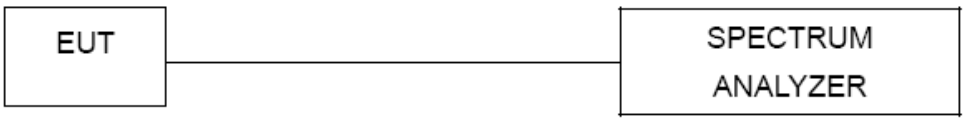
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1 MHz.
VBW	≥ 3 MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	auto

b. Test was performed in accordance with method of KDB 789033 D01.

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.

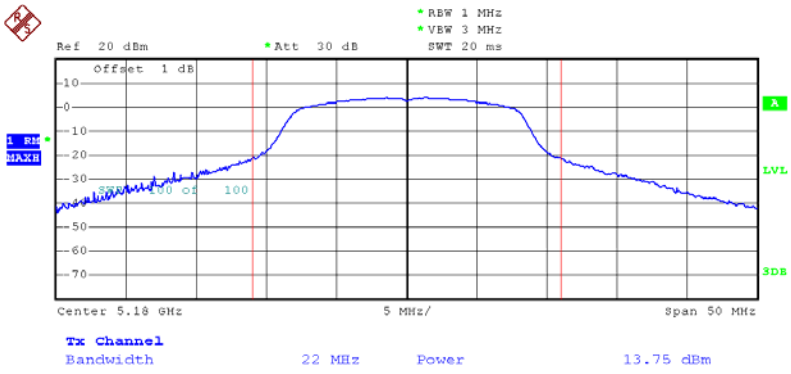
6.1.6 TEST RESULTS

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 1/TX A Mode/CH36, CH40, CH48		

Peak Output Power

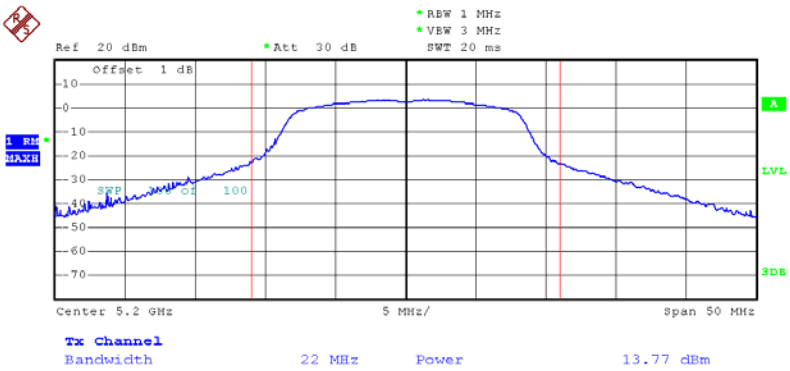
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH36	5180	13.75	17.00	0.0501
CH40	5200	13.77	17.00	0.0501
CH48	5240	13.72	17.00	0.0501

CH36



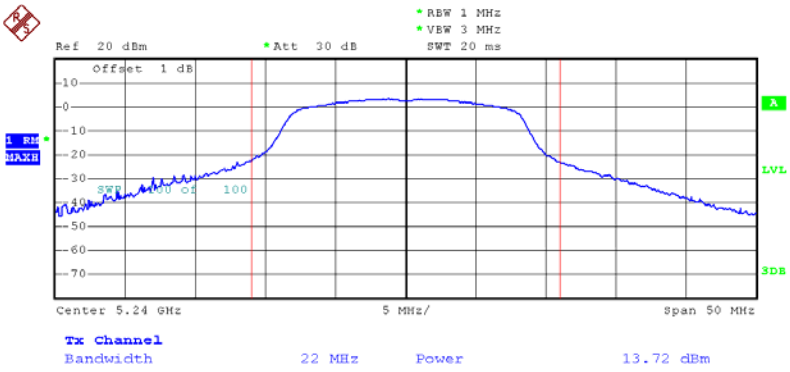
Date: 1.MAR.2013 15:14:24

CH40



Date: 1.MAR.2013 15:18:47

CH48

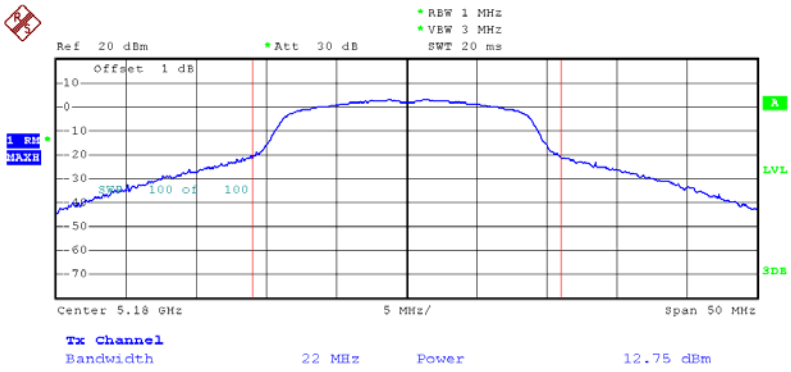


Date: 1.MAR.2013 15:21:04

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 1/TX N20 Mode/CH36, CH40, CH48		

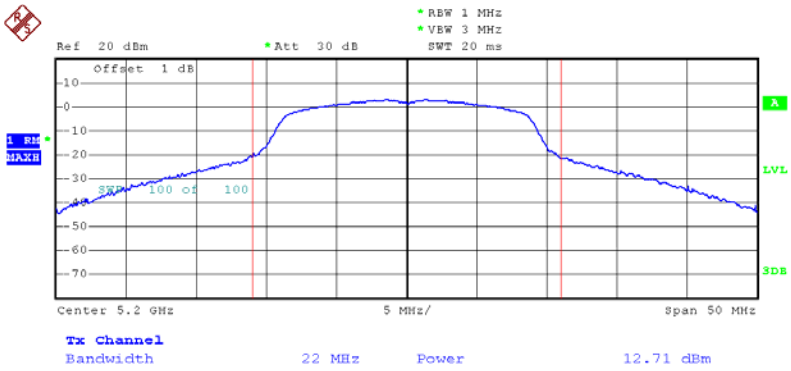
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH36	5180	12.75	17.00	0.0501
CH40	5200	12.71	17.00	0.0501
CH48	5240	12.59	17.00	0.0501

CH36



Date: 1.MAR.2013 15:28:44

CH40



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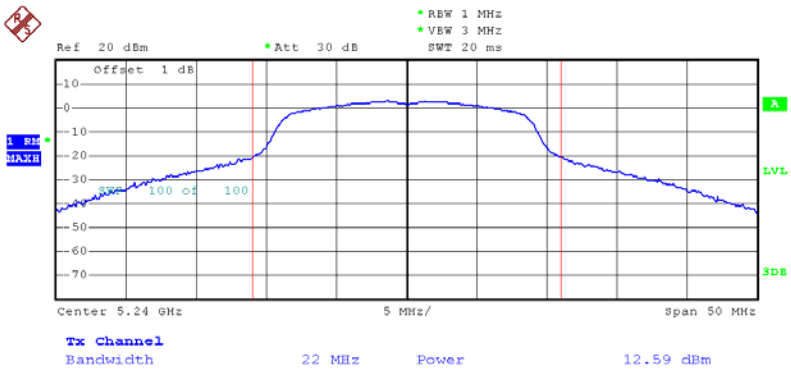
CH48

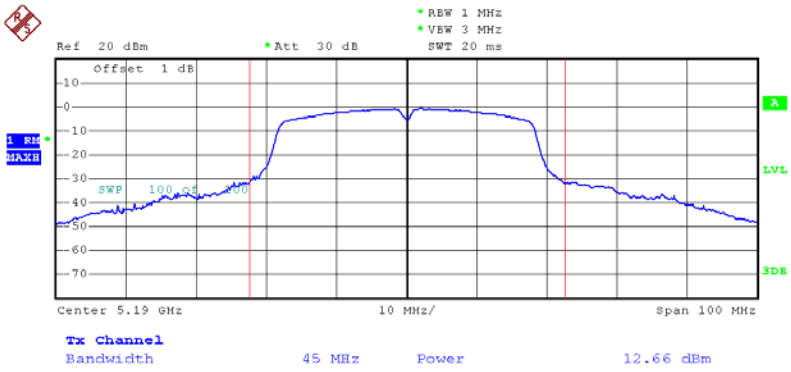


Date: 1.MAR.2013 15:31:43

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 1/TX N40 Mode/CH38, CH46		

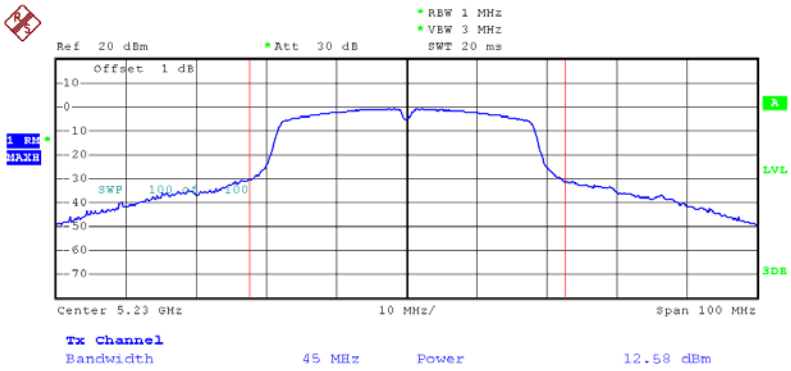
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH38	5190	12.66	17.00	0.0501
CH46	5230	12.58	17.00	0.0501

CH38



Date: 1.MAR.2013 15:47:06

CH46



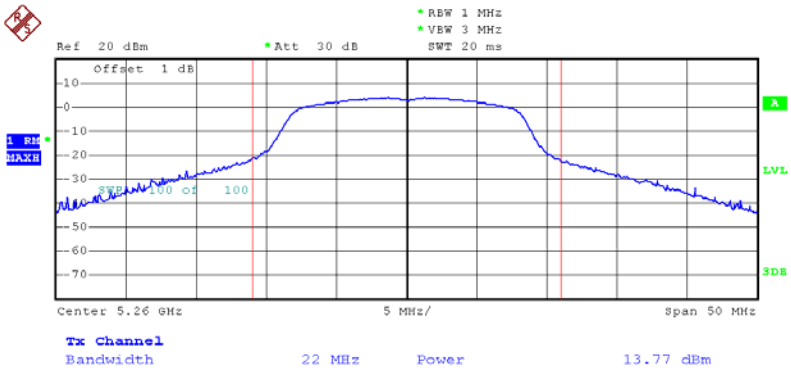
Date: 1.MAR.2013 15:49:26

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 2/TX A Mode/CH52, CH56, CH64		

Peak Output Power

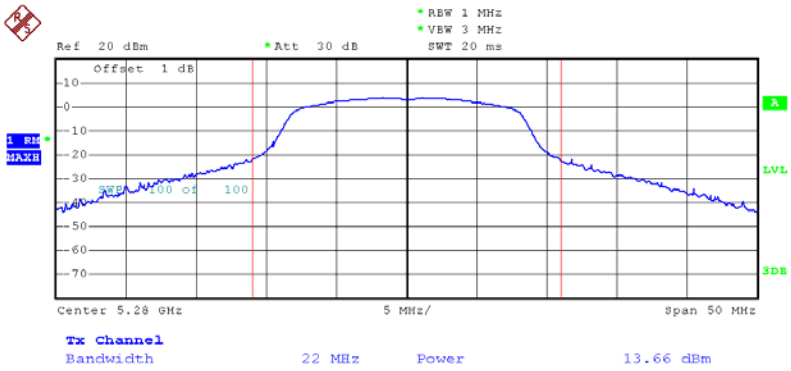
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH52	5260	13.77	24	0.251
CH56	5280	13.66	24	0.251
CH64	5320	13.50	24	0.251

CH52



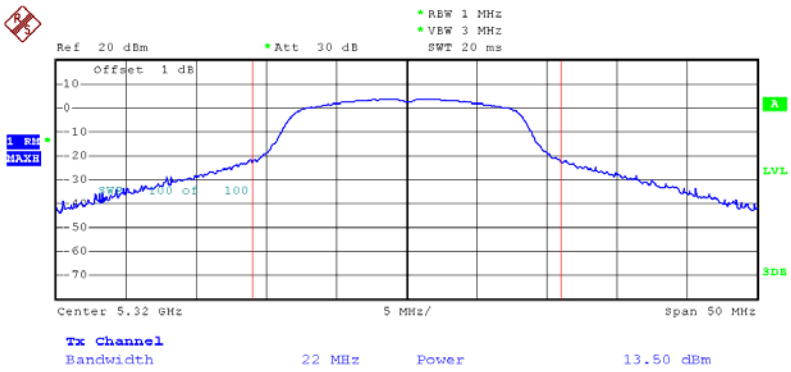
Date: 1.MAR.2013 15:22:28

CH56



Date: 1.MAR.2013 15:24:25

CH64

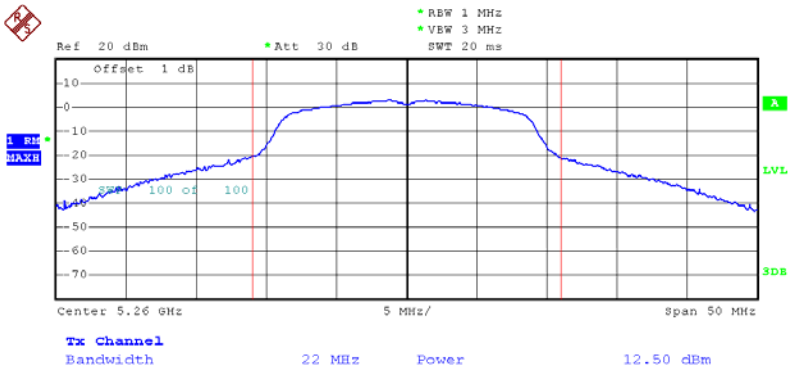


Date: 1.MAR.2013 15:27:07

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 2/TX N20 Mode/CH52, CH56, CH64		

Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH52	5260	12.50	24	0.251
CH56	5280	12.40	24	0.251
CH64	5320	12.66	24	0.251

CH52



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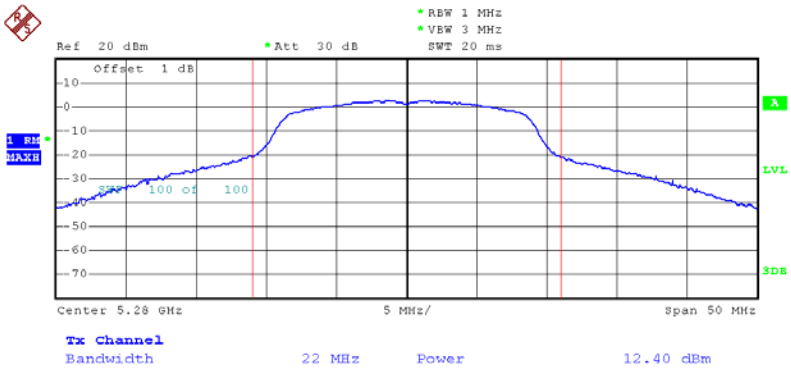
CH56



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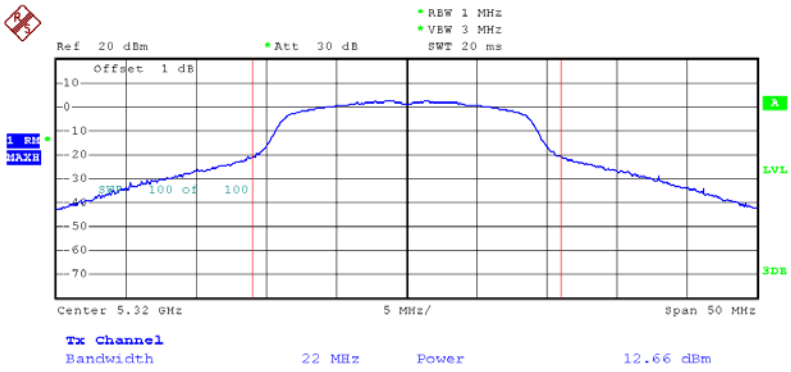
CH64



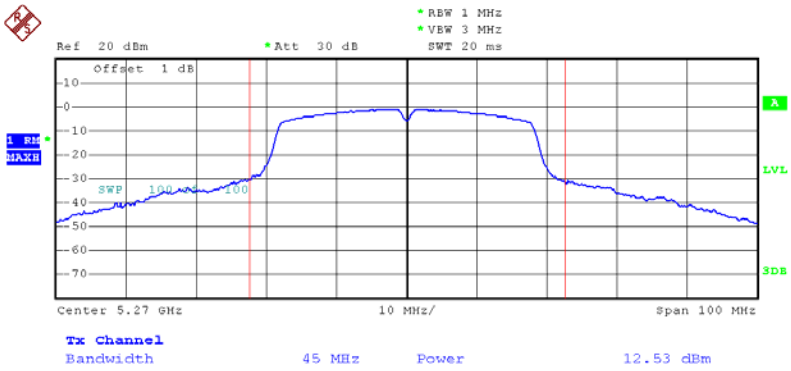
Date: 1.MAR.2013 15:44:30

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 2/TX N40 Mode/CH54, CH62		

Peak Output Power

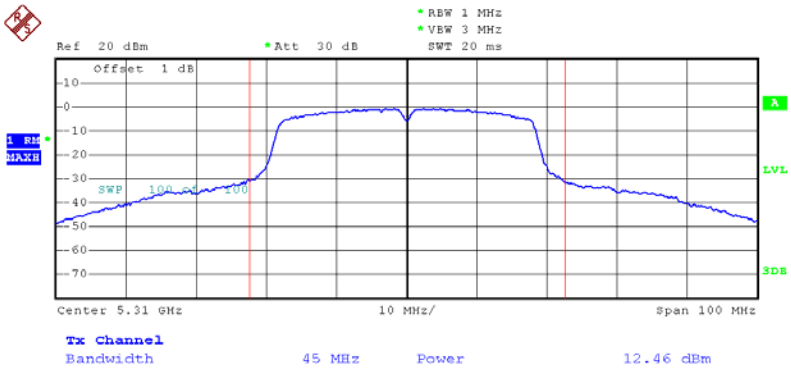
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH54	5270	12.53	24	0.251
CH62	5310	12.46	24	0.251

CH54



Date: 1.MAR.2013 15:51:29

CH62



Date: 1.MAR.2013 15:55:31

7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Antenna conducted Spurious Emission	-27 dBm/1MHz	5150 – 5250 5250 - 5350	PASS

7.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Next Calibration
1	Spectrum Analyzer	R&S	FSP_40	100129	Nov.26.2012	Nov.26.2013

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

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,

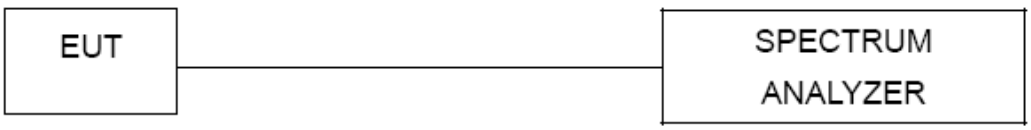
b.

Spectrum Parameter	Setting
Attenuation	Auto
RB	1000 kHz
VB	1000 kHz
Trace	Max Hold
Sweep Time	Auto

7.1.3 DEVIATION FROM STANDARD

No deviation.

7.1.4 TEST SETUP



7.1.5 EUT OPERATION CONDITIONS

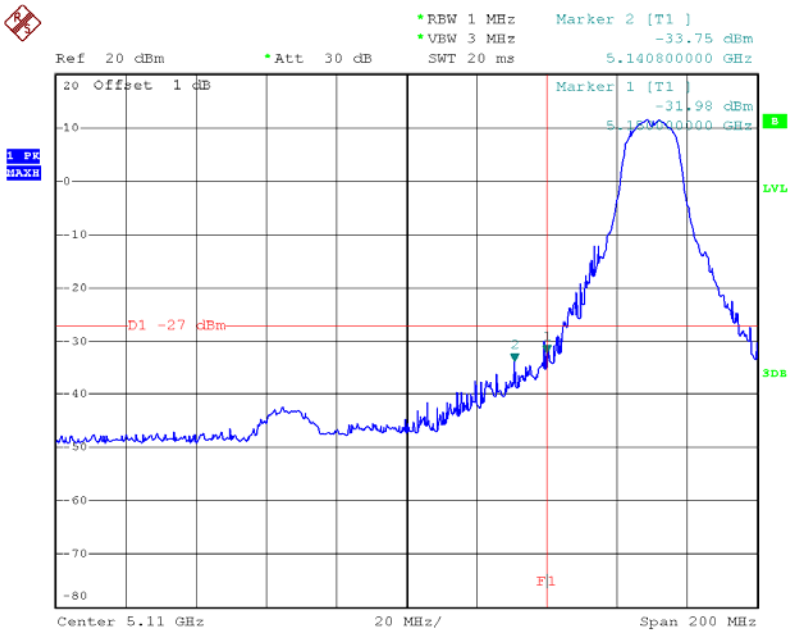
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

7.1.6 TEST RESULTS

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 1/TX A Mode/ CH36, CH40, CH48		

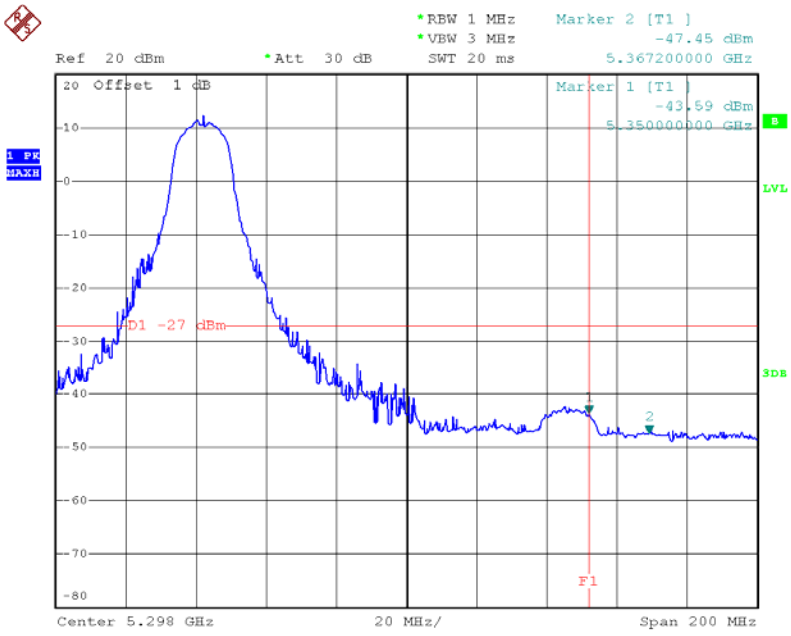
Channel of Worst Data: CH36			
The max. radio frequency power in any 1000kHz bandwidth outside the frequency band		The max. radio frequency power in any 1000kHz bandwidth within the frequency band.	
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)
5180.00	-31.98	5350.00	-43.59
Limit: -27 dBm/1MHz Result:PASS			
Measurement method: S.A Read value+Ant gain+cable loss			

TX mode CH36



Date: 1.MAR.2013 16:30:48

TX mode CH48

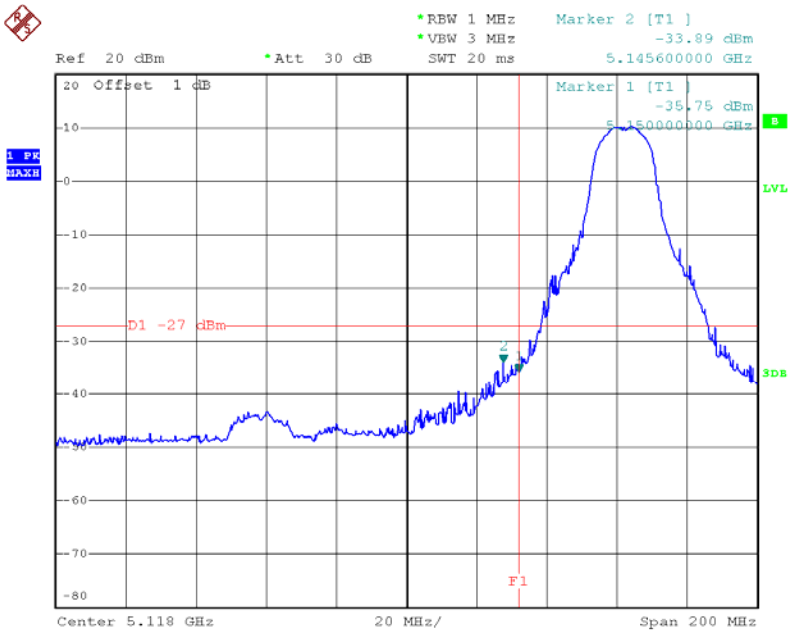


Date: 1.MAR.2013 16:32:29

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 1/TX N20 Mode/ H36, CH40 , CH48		

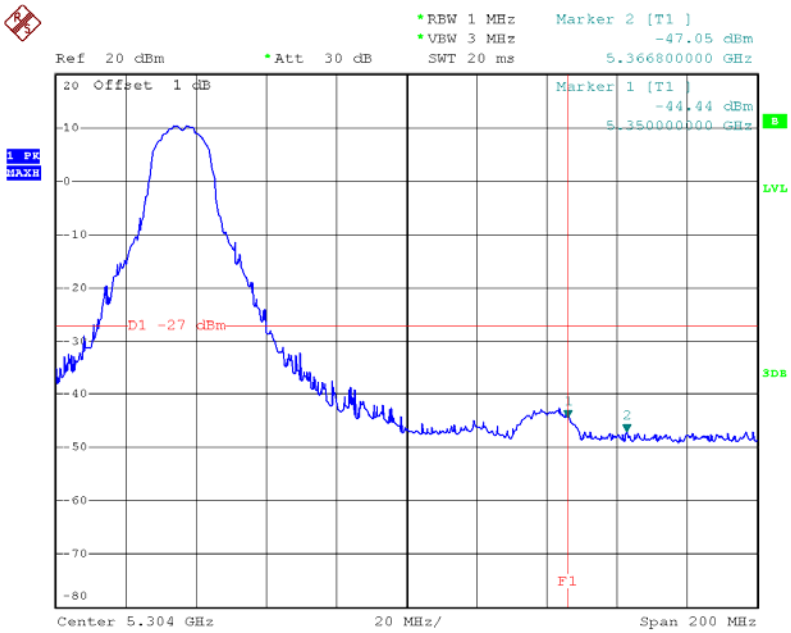
Channel of Worst Data: CH36			
The max. radio frequency power in any 1000kHz bandwidth outside the frequency band		The max. radio frequency power in any 1000kHz bandwidth within the frequency band.	
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)
5145.60	-33.89	5350.00	-44.44
Limit: -27 dBm/1MHz Result:PASS			
Measurement method: S.A Read value+Ant gain+cable loss			

TX mode CH36



Date: 1.MAR.2013 16:17:36

TX mode CH48

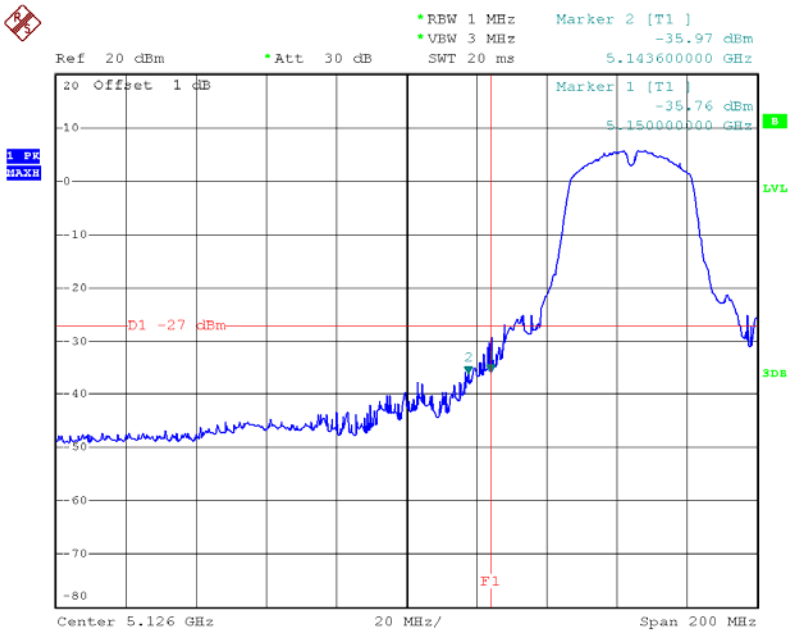


Date: 1.MAR.2013 16:25:12

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 1/TX N40 Mode/ CH38, CH46		

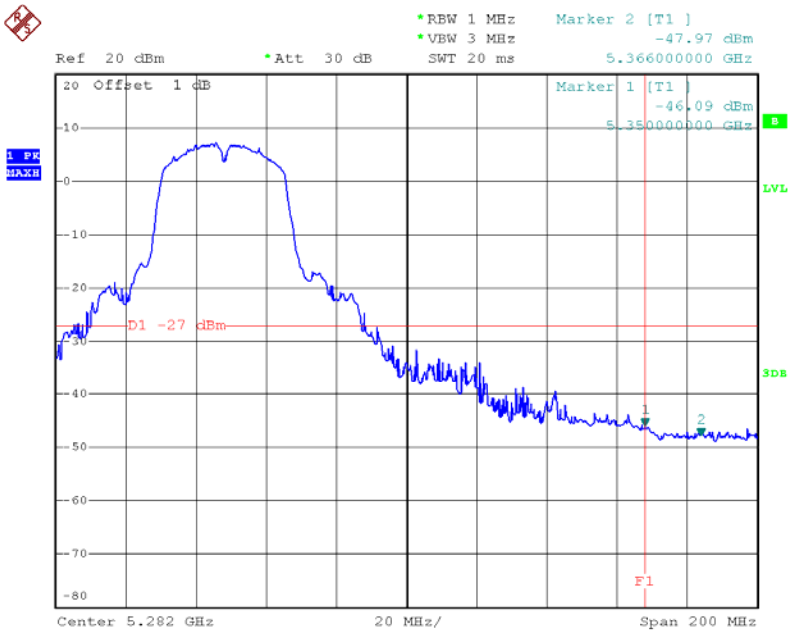
Channel of Worst Data: CH38			
The max. radio frequency power in any 1000kHz bandwidth outside the frequency band		The max. radio frequency power in any 1000kHz bandwidth within the frequency band.	
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)
5150.00	-35.76	5350.00	-46.09
Limit: -27 dBm/1MHz Result:PASS			
Measurement method: S.A Read value+Ant gain+cable loss			

TX mode CH38



Date: 1.MAR.2013 16:07:11

TX mode CH46

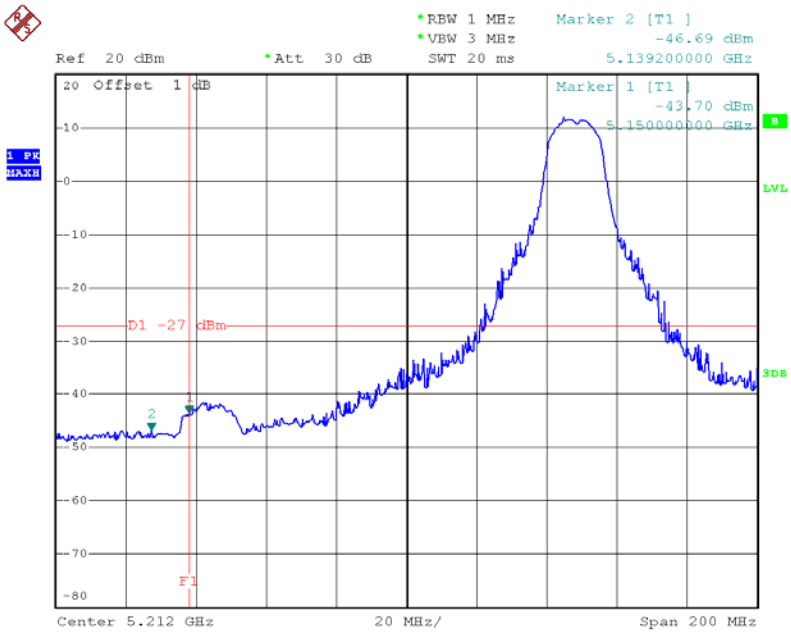


Date: 1.MAR.2013 16:06:08

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 2/TX A Mode/ CH52, CH56 , CH60		

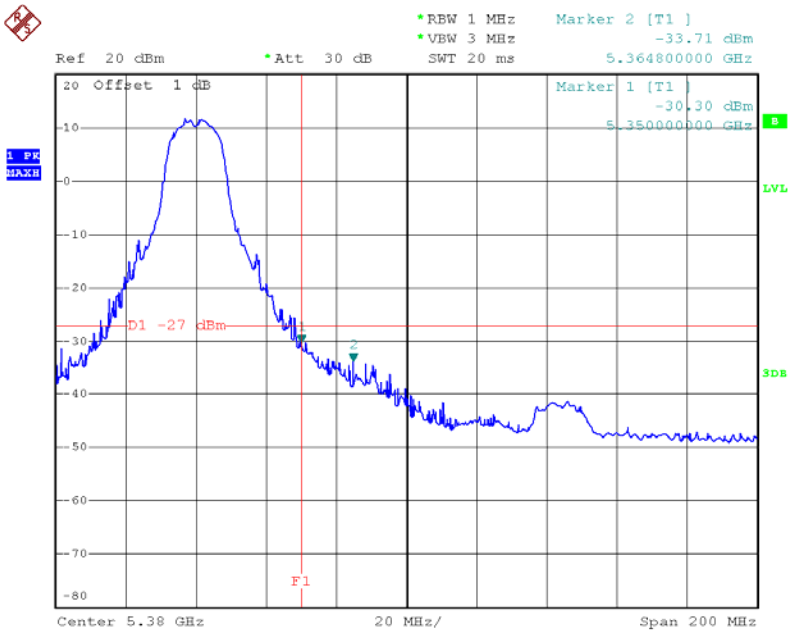
Channel of Worst Data: CH52			
The max. radio frequency power in any 1000kHz bandwidth outside the frequency band		The max. radio frequency power in any 1000kHz bandwidth within the frequency band.	
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)
5150.00	-43.70	5350.00	-30.30
Limit: -27 dBm/1MHz Result:PASS			
Measurement method: S.A Read value+Ant gain+cable loss			

TX mode CH52



Date: 1.MAR.2013 16:33:49

TX mode CH64

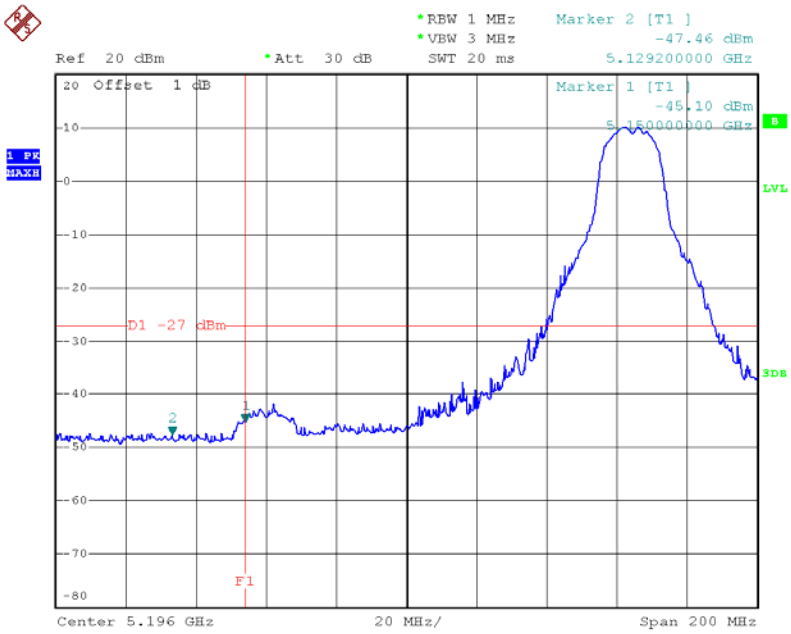


Date: 1.MAR.2013 16:37:10

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 2/TX N20 Mode/ CH52, CH56 , CH64		

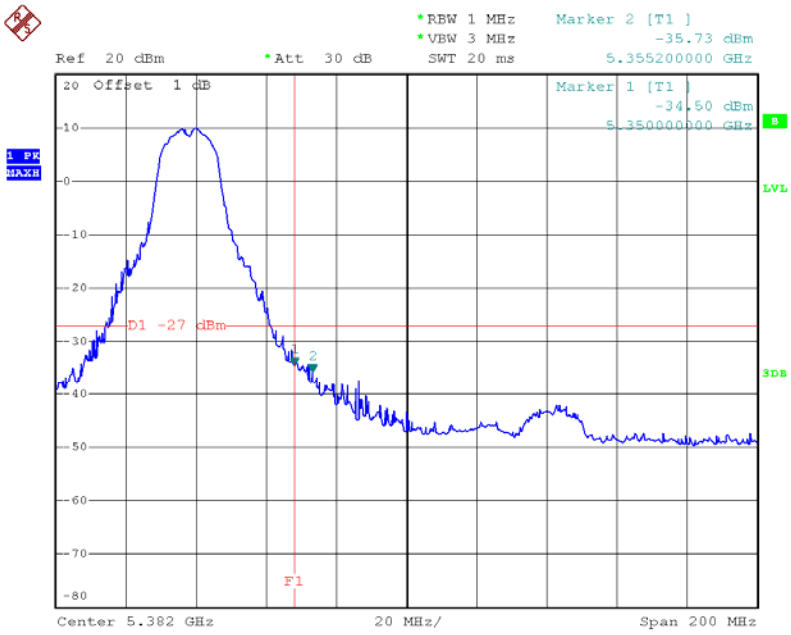
Channel of Worst Data: CH52			
The max. radio frequency power in any 1000kHz bandwidth outside the frequency band		The max. radio frequency power in any 1000kHz bandwidth within the frequency band.	
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)
5150.00	-45.10	5350.00	-34.50
Limit: -27 dBm/1MHz Result:PASS			
Measurement method: S.A Read value+Ant gain+cable loss			

TX mode CH52



Date: 1.MAR.2013 16:26:10

TX mode CH64

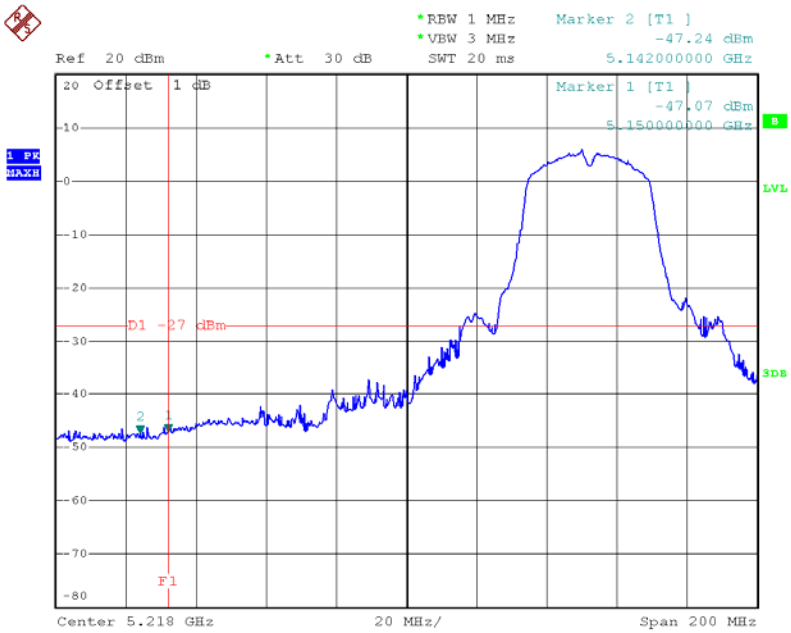


Date: 1.MAR.2013 16:27:45

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 2/TX N40 Mode/ CH64, CH62		

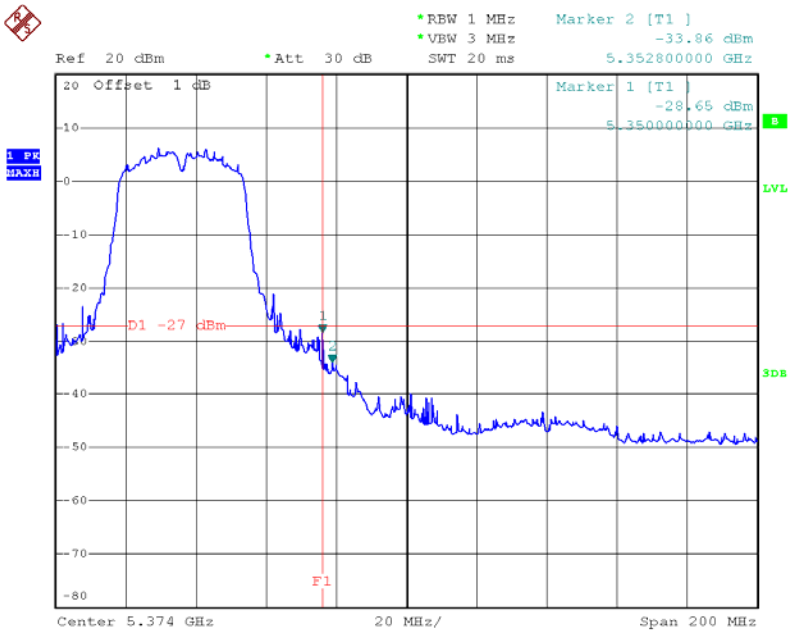
Channel of Worst Data: CH54			
The max. radio frequency power in any 1000kHz bandwidth outside the frequency band		The max. radio frequency power in any 1000kHz bandwidth within the frequency band.	
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)
5150.00	-47.07	5350.00	-28.65
Limit: -27 dBm/1MHz Result:PASS			
Measurement method: S.A Read value+Ant gain+cable loss			

TX mode CH54



Date: 1.MAR.2013 16:04:16

TX mode CH62



Date: 1.MAR.2013 16:05:06

8. POWER SPECTRAL DENSITY TEST

8.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Power Spectral Density	4 dBm	5150 - 5250	PASS
	11 dBm	5250 - 5350	PASS
	11 dBm	5470 - 5725	N/A

8.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Next Calibration
1	Spectrum Analyzer	R&S	FSP_40	100129	Nov.26.2012	Nov.26.2013

Remark: “N/A” denotes no model name, serial no. or 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 Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RB	= 1 MHz.
VB	≥ 3 MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	Auto

8.1.3 DEVIATION FROM STANDARD

No deviation.

8.1.4 TEST SETUP

8.1.5 EUT OPERATION CONDITIONS

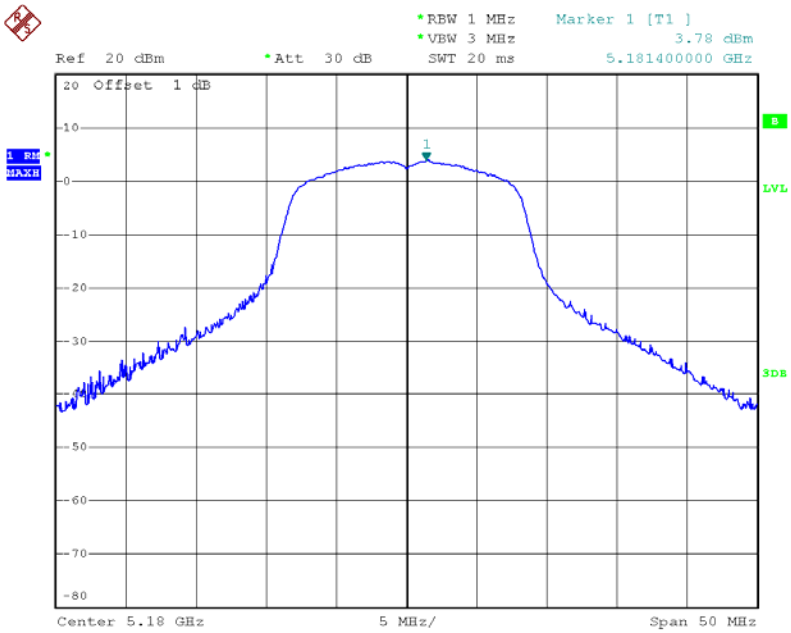
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

8.1.6 TEST RESULTS

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 1/TX A Mode/CH36, CH40, CH48		

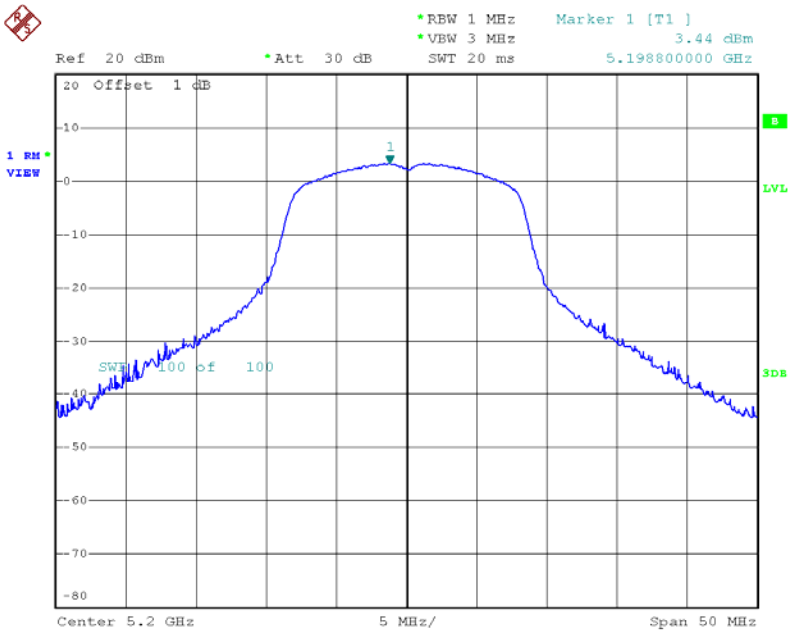
Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH36	5180	3.78	4.00
CH40	5210	3.44	4.00
CH48	5240	3.11	4.00

CH36



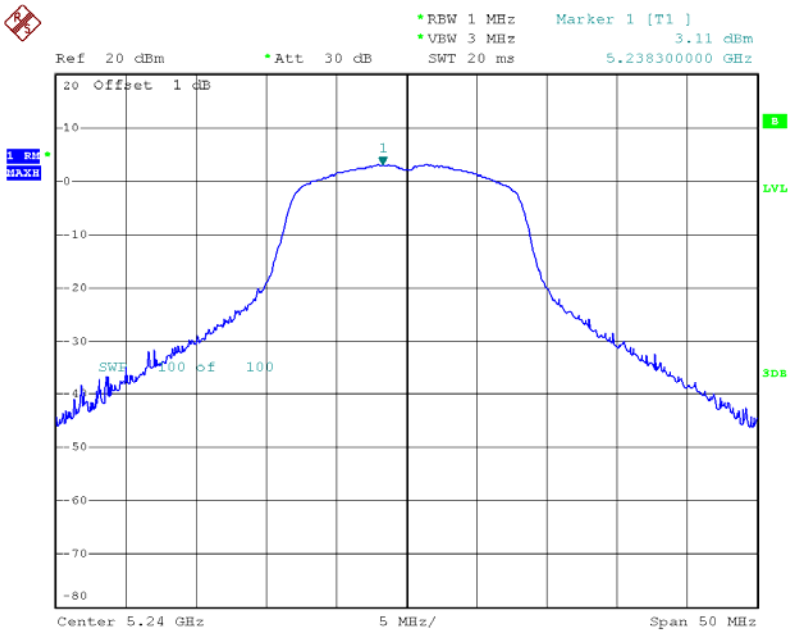
Date: 1.MAR.2013 15:15:00

CH40



Date: 1.MAR.2013 15:19:23

CH48

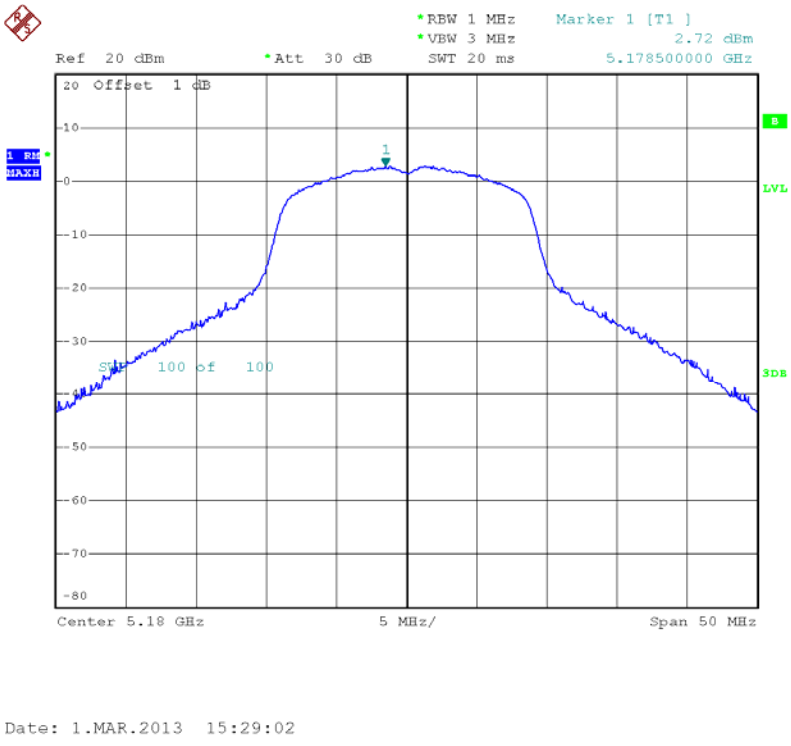


Date: 1.MAR.2013 15:20:32

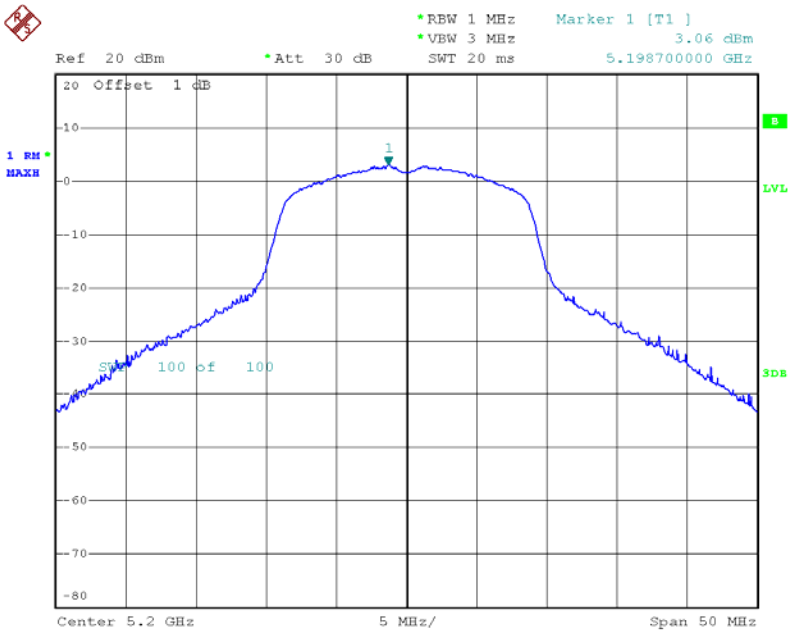
EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 1/TX N20 Mode/CH36, CH40, CH48		

Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH36	5180	2.72	4.00
CH40	5210	3.06	4.00
CH48	5240	2.67	4.00

CH36

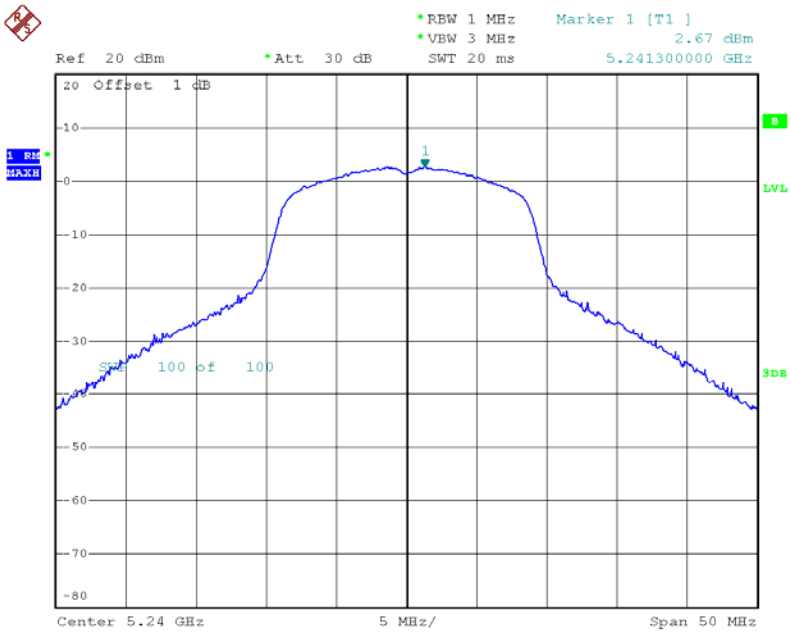


CH40



Date: 1.MAR.2013 15:30:04

CH48

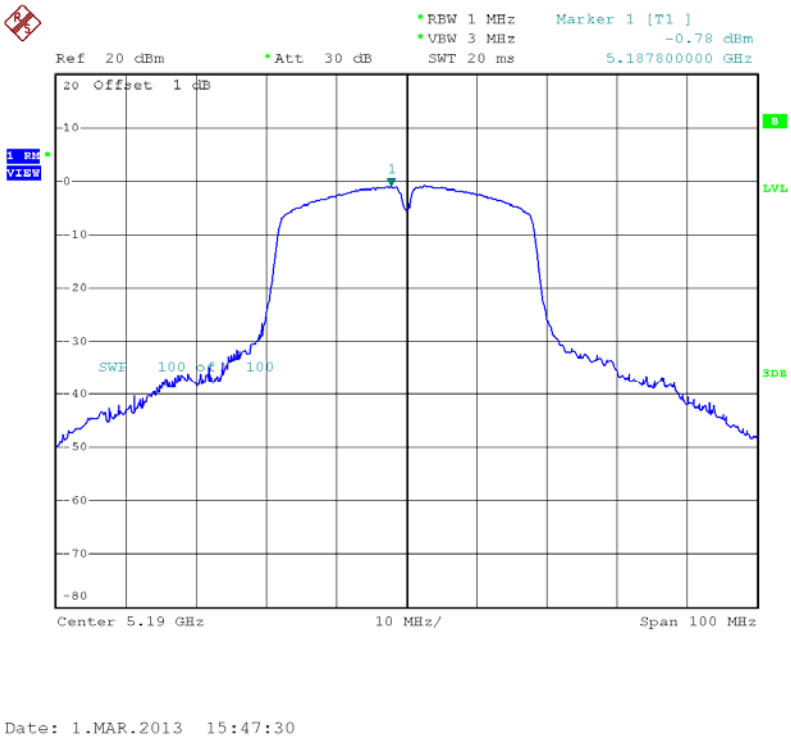


Date: 1.MAR.2013 15:32:09

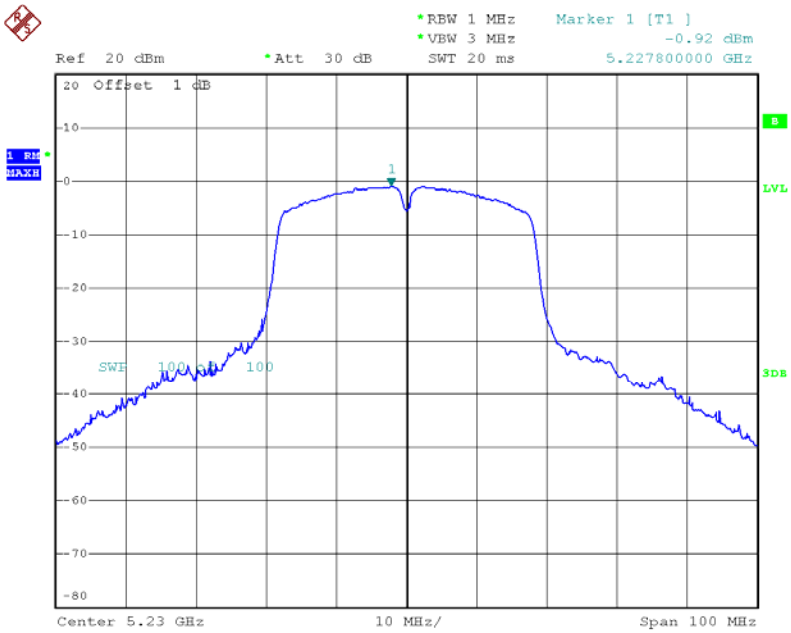
EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 1/TX N40 Mode/CH38, CH46		

Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH38	5190	-0.78	4.00
CH46	5230	-0.92	4.00

CH38



CH46

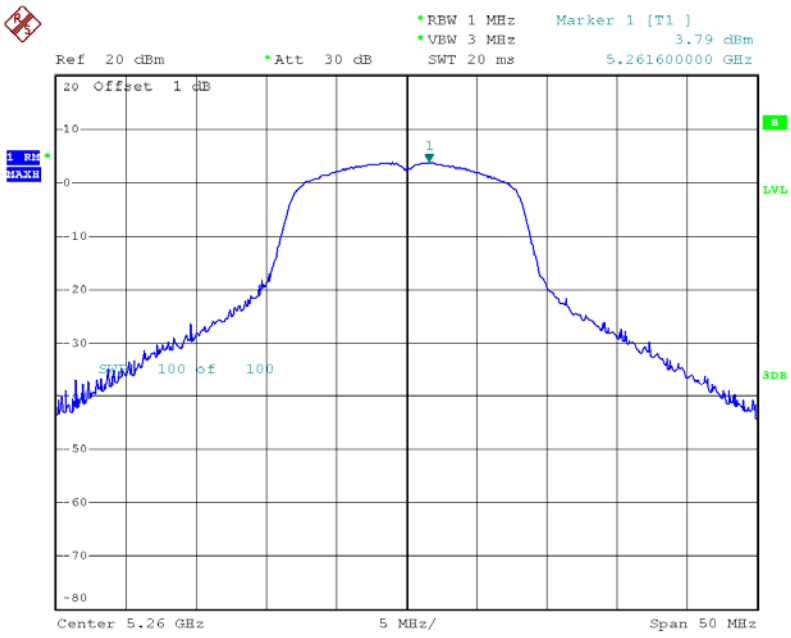


Date: 1.MAR.2013 15:48:53

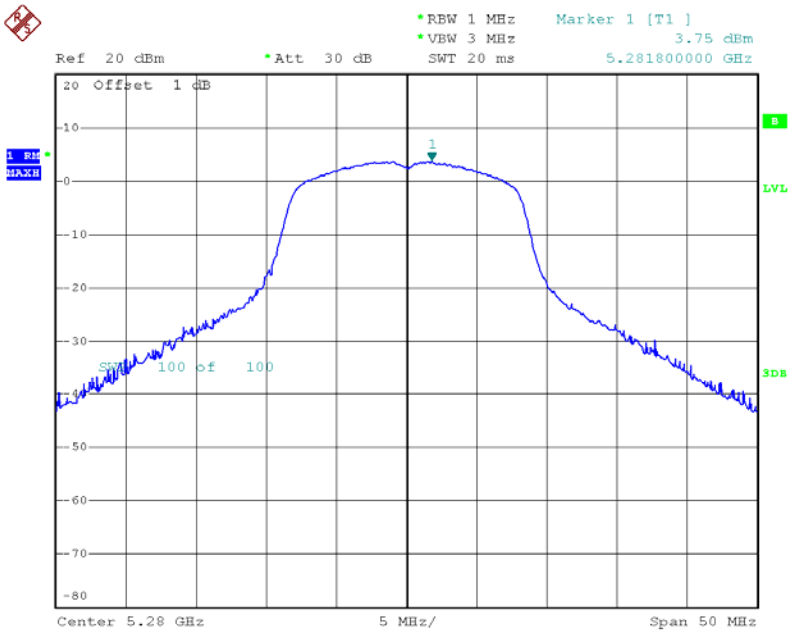
EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 2/TX A Mode/CH52, CH56, CH64		

Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH52	5260	3.79	11
CH56	5280	3.75	11
CH64	5320	3.58	11

CH52

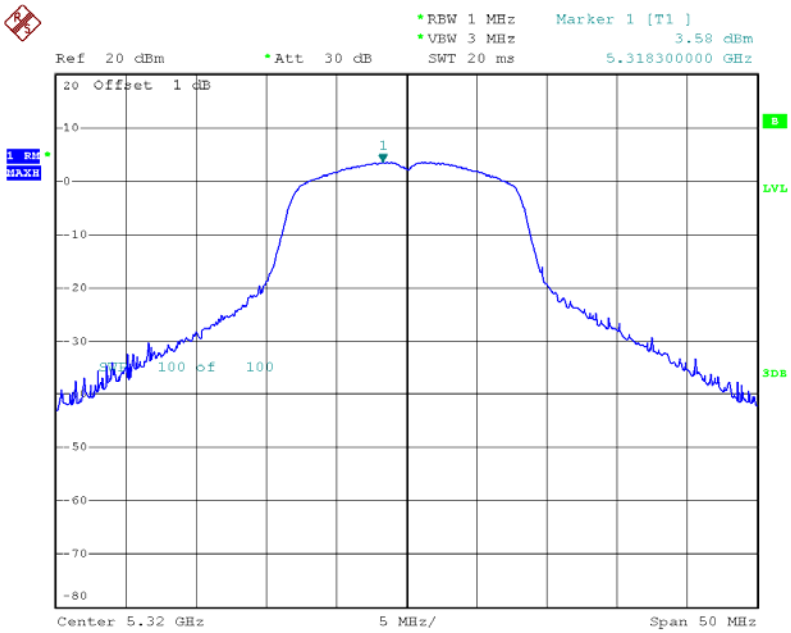


CH56



Date: 1.MAR.2013 15:25:02

CH64

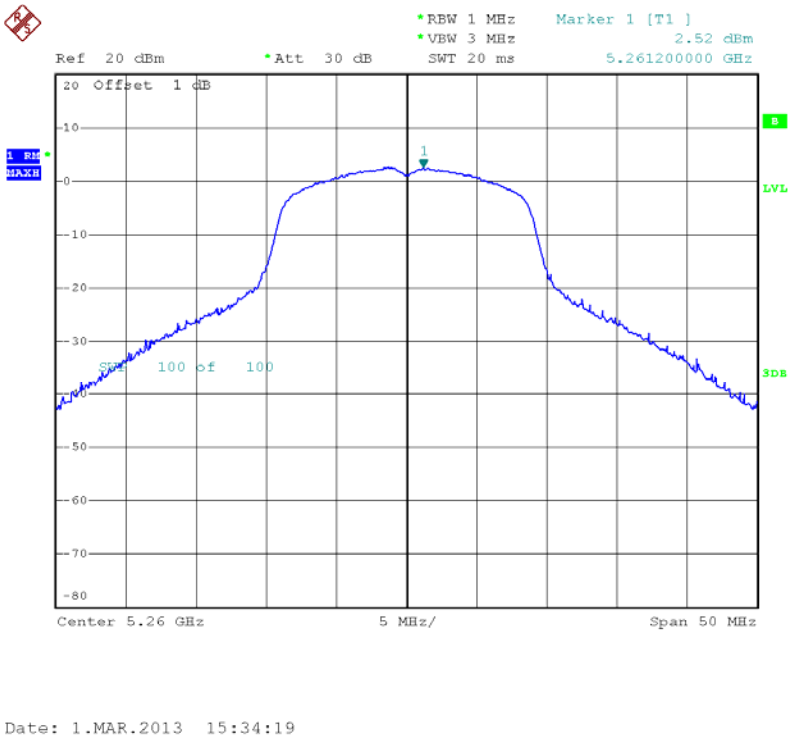


Date: 1.MAR.2013 15:26:38

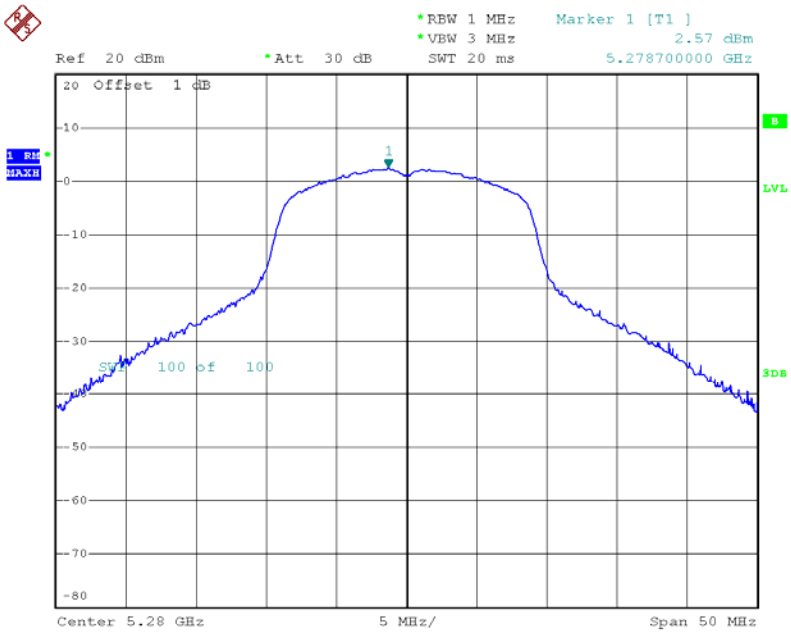
EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 2/TX N20 Mode/CH52, CH56, CH64		

Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH52	5260	2.52	11
CH56	5280	2.57	11
CH64	5320	2.17	11

CH52

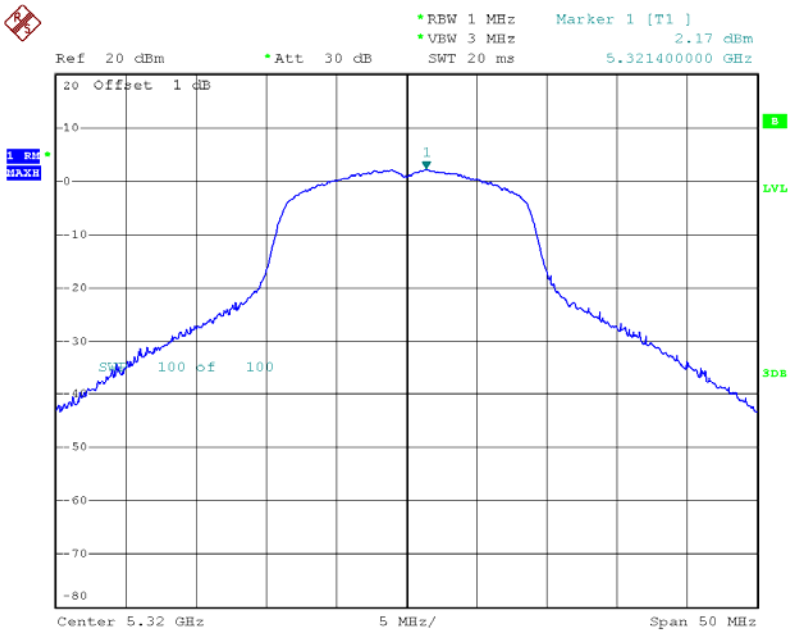


CH56



Date: 1.MAR.2013 15:43:03

CH64

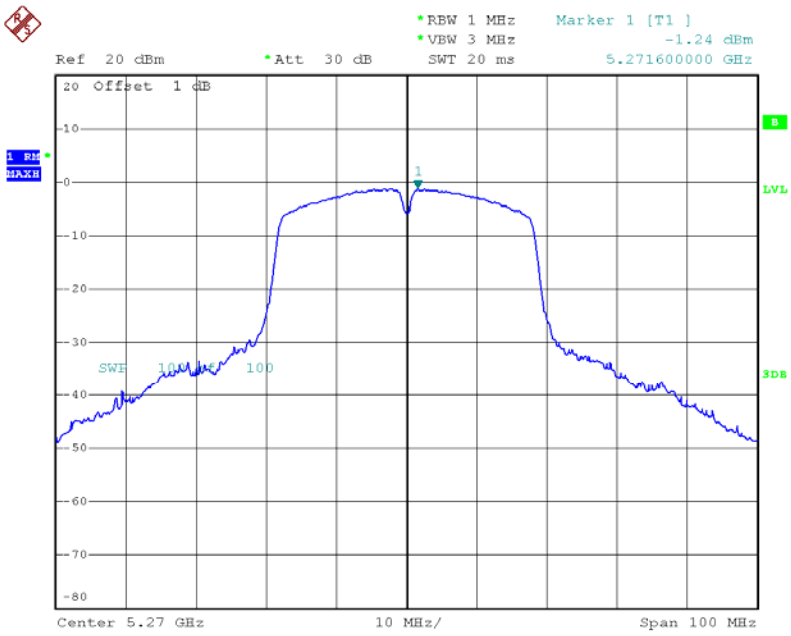


Date: 1.MAR.2013 15:44:57

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 2/TX N40 Mode/CH54, CH62		

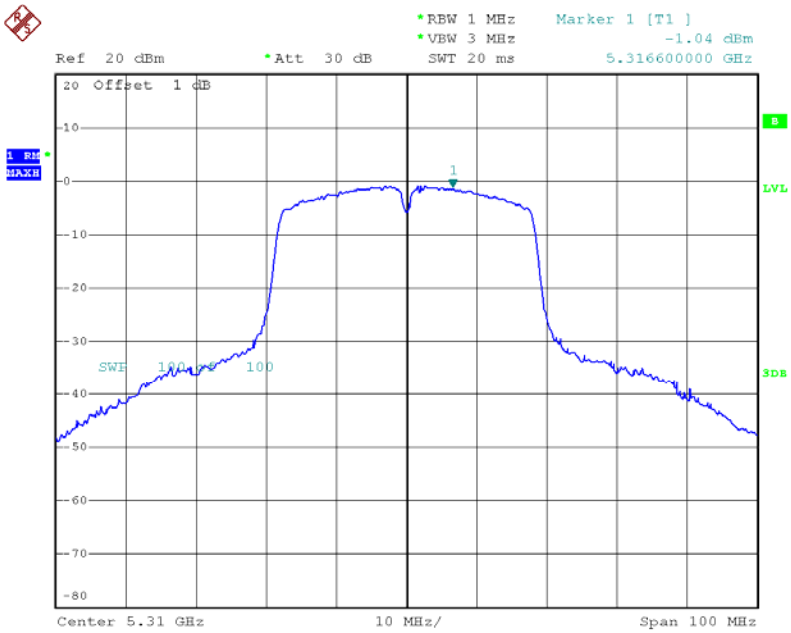
Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH54	5270	-1.24	11
CH62	5310	-1.04	11

CH54



Date: 1.MAR.2013 15:51:55

CH62



Date: 1.MAR.2013 15:56:26

9. PEAK EXCURSION MEASUREMENT

9.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Peak Excursion Measurement	13 dB	5150 - 5250	PASS
		5250 - 5350	PASS
		5470 - 5725	N/A

9.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Next Calibration
1	Spectrum Analyzer	R&S	FSP_40	100129	Nov.26.2012	Nov.26.2013

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

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 Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RB	1000 kHz (Peak Trace) / 1000 kHz (Average Trace)
VB	3000 kHz (Peak Trace) / 3000 kHz (Average Trace)
Detector	Peak (Peak Trace) / RMS (Average Trace)
Trace	Max Hold
Sweep Time	60s

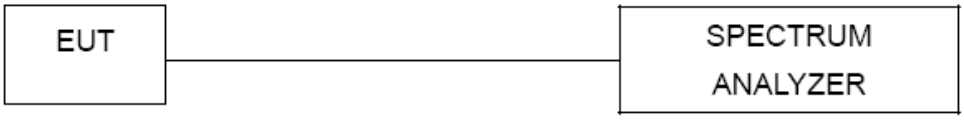
c. Peak Trace: Set RBW = 1 MHz, VBW ≥ 3 MHz with peak detector and maxhold settings.

d. Average Trace: set RBW = 1 MHz, VBW = 3 MHz with RMS detector and trace average across 100 traces in power averaging mode.

9.1.3 DEVIATION FROM STANDARD

No deviation.

9.1.4 TEST SETUP



9.1.5 EUT OPERATION CONDITIONS

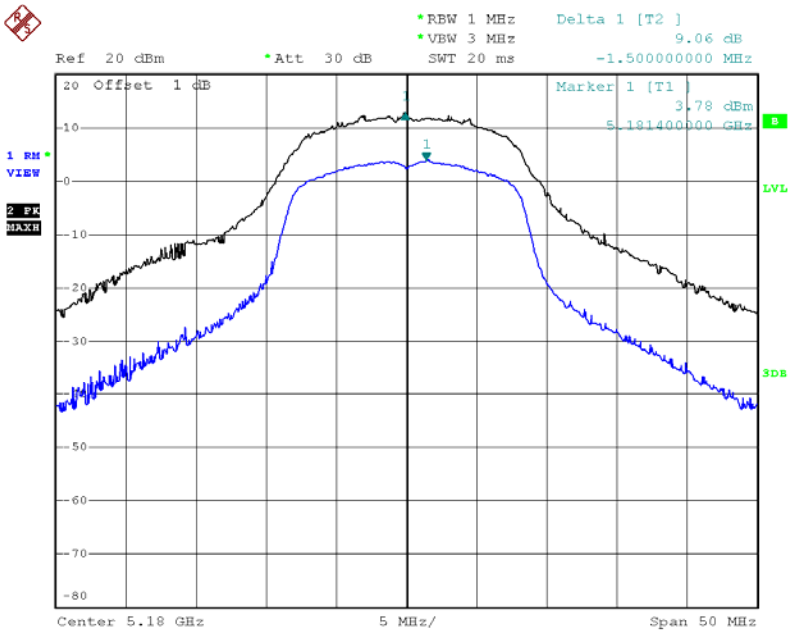
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

9.1.6 TEST RESULTS

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 1/TX A Mode/CH36, CH40, CH48		

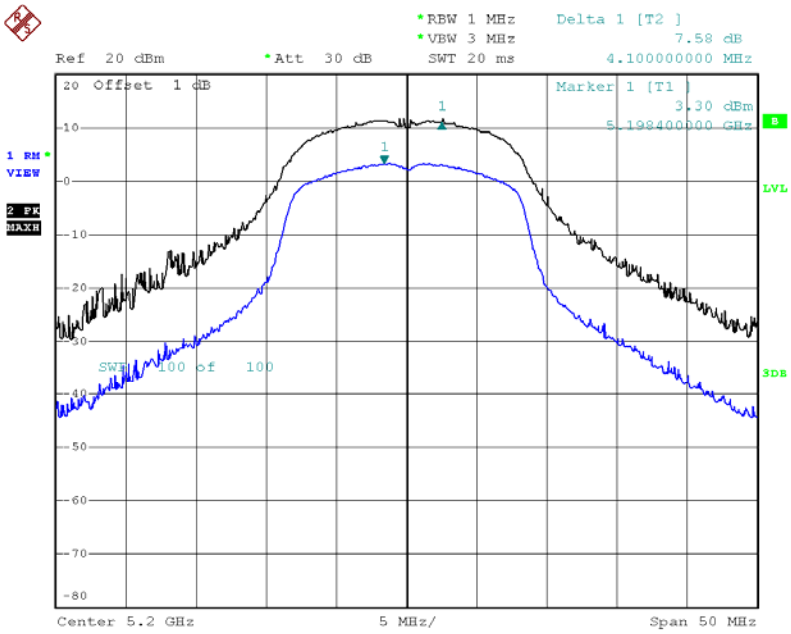
Test Channel	Frequency (MHz)	Peak Excursion (dB)	LIMIT (dB)
CH36	5180	9.06	13
CH40	5210	7.58	13
CH48	5240	8.54	13

CH36



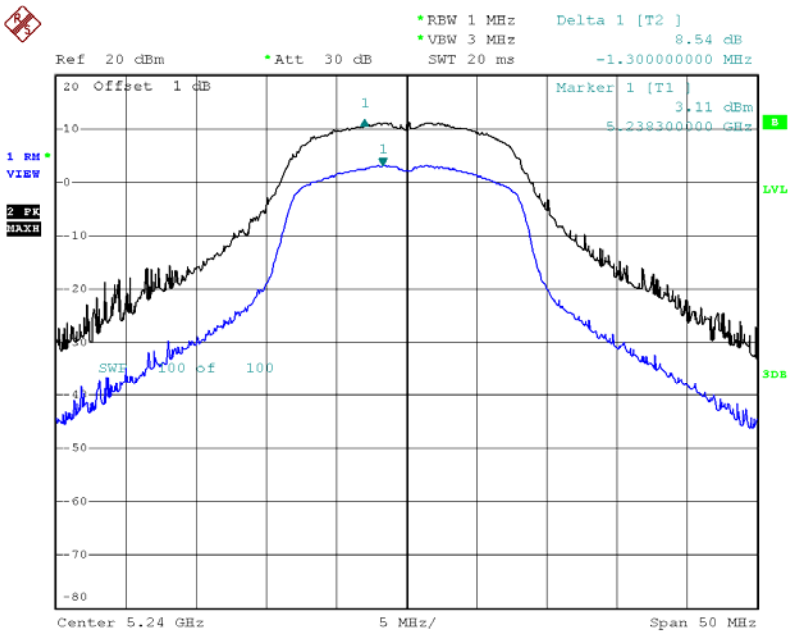
Date: 1.MAR.2013 15:17:04

CH40



Date: 1.MAR.2013 15:19:13

CH48

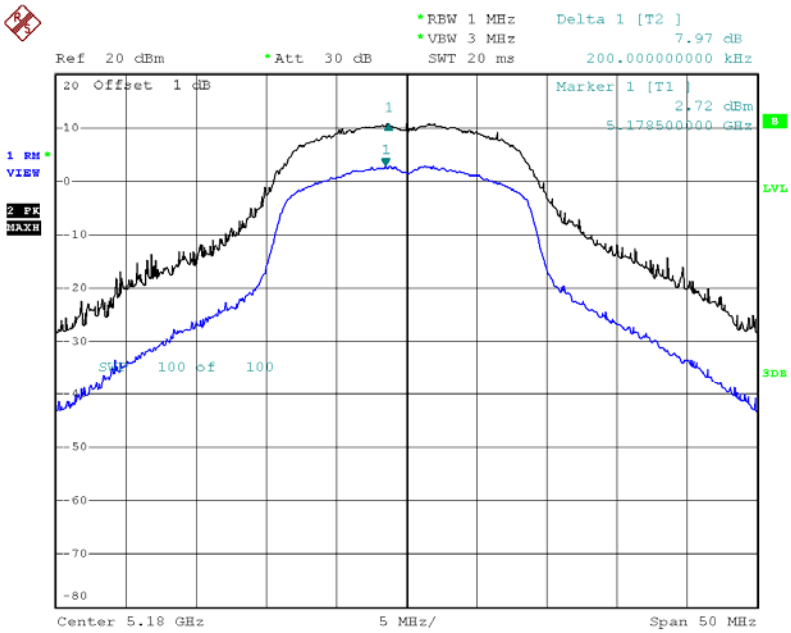


Date: 1.MAR.2013 15:20:44

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 1/TX N20 Mode/CH36, CH40, CH48		

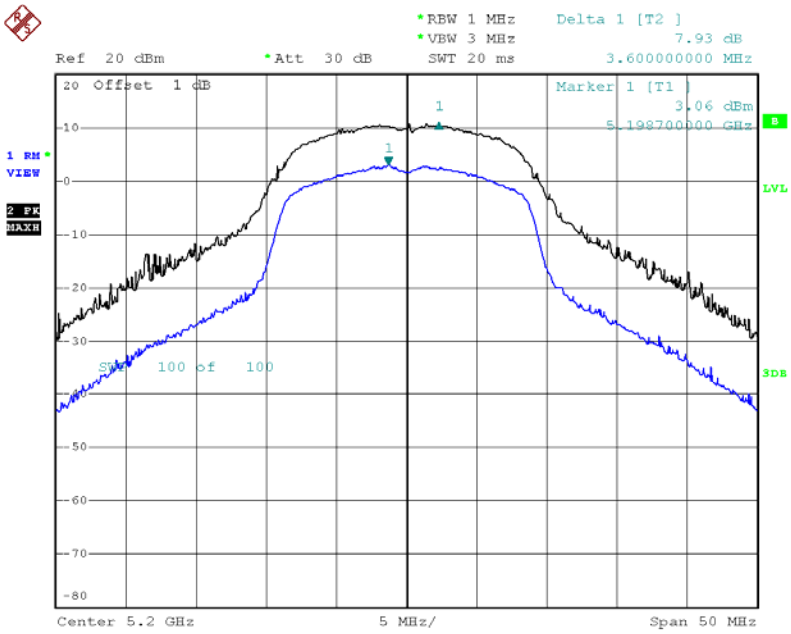
Test Channel	Frequency (MHz)	Peak Excursion (dB)	LIMIT (dB)
CH36	5180	7.97	13
CH40	5210	7.93	13
CH48	5240	8.24	13

CH36



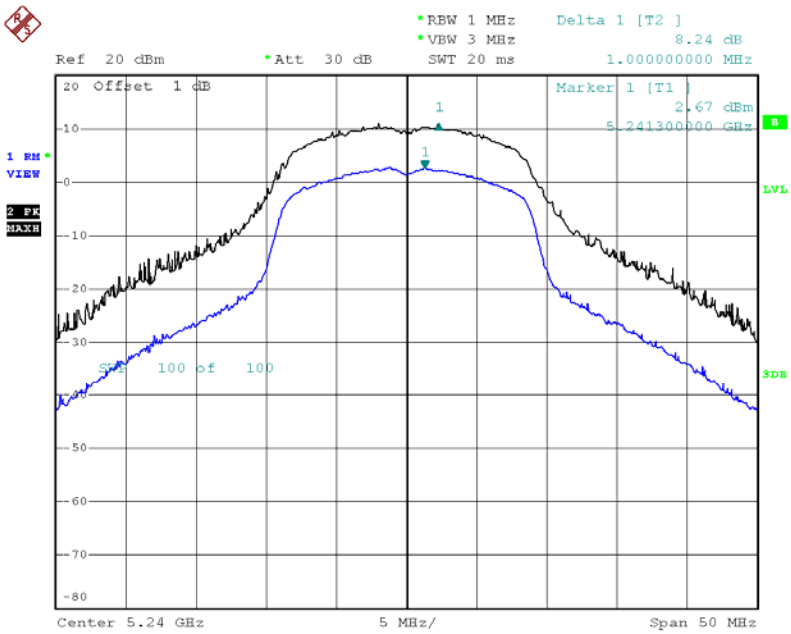
Date: 1.MAR.2013 15:29:15

CH40



Date: 1.MAR.2013 15:30:25

CH48

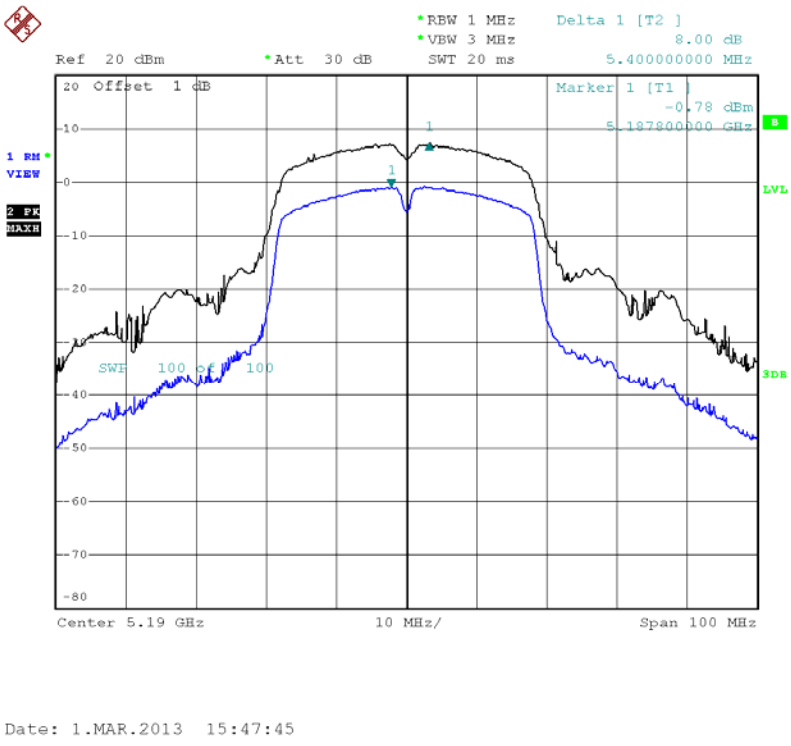


Date: 1.MAR.2013 15:32:24

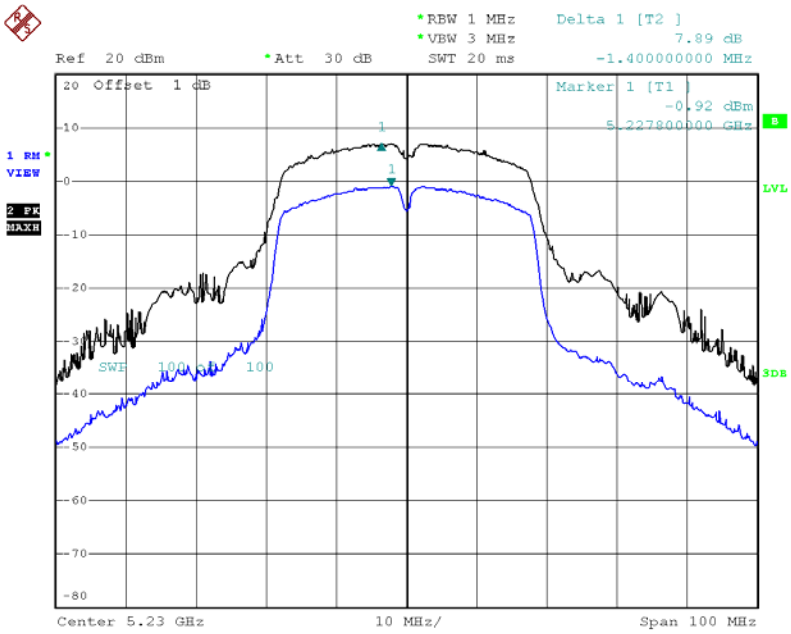
EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 1/TX N40 Mode/CH38, CH46		

Test Channel	Frequency (MHz)	Peak Excursion (dB)	LIMIT (dB)
CH38	5190	8.00	13
CH46	5230	7.89	13

CH38



CH46

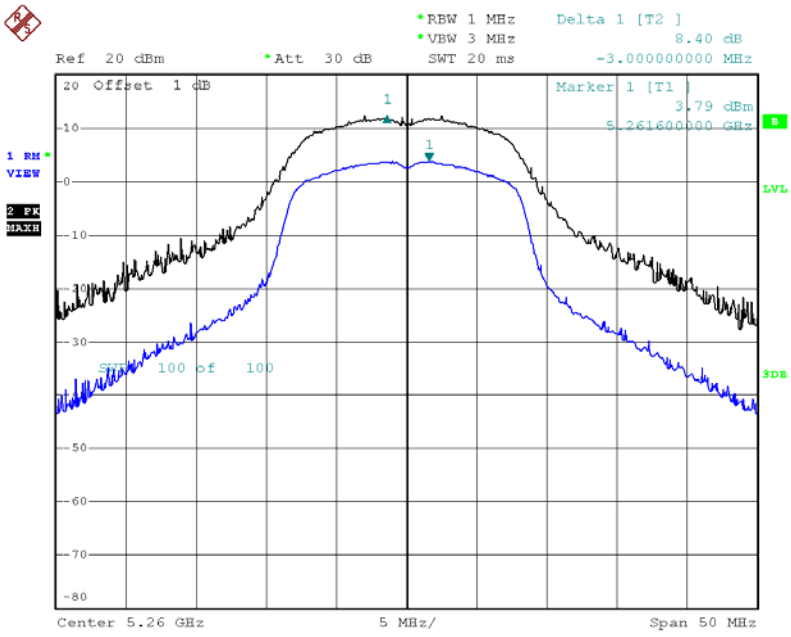


Date: 1.MAR.2013 15:49:04

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 2/TX A Mode/CH52, CH56, CH64		

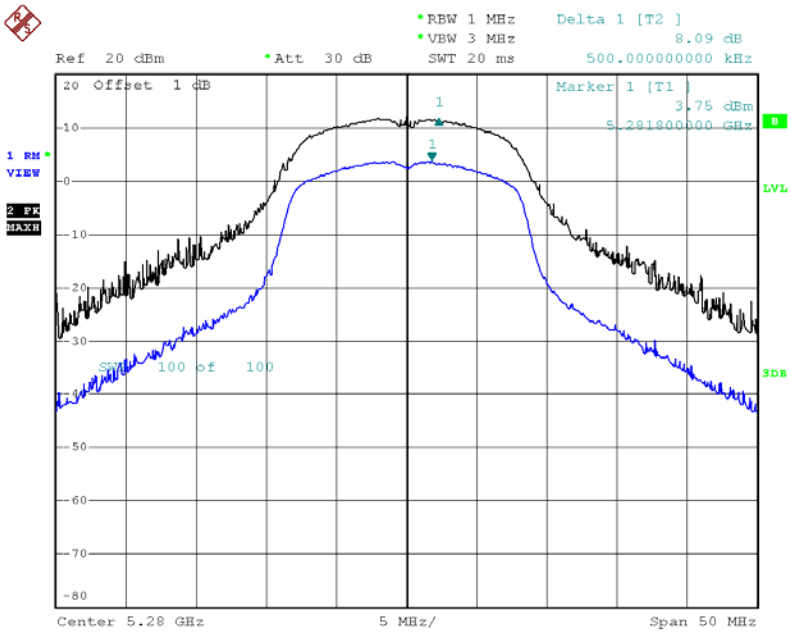
Test Channel	Frequency (MHz)	Peak Excursion (dB)	LIMIT (dB)
CH52	5260	8.40	13
CH56	5280	8.09	13
CH64	5320	8.65	13

CH52



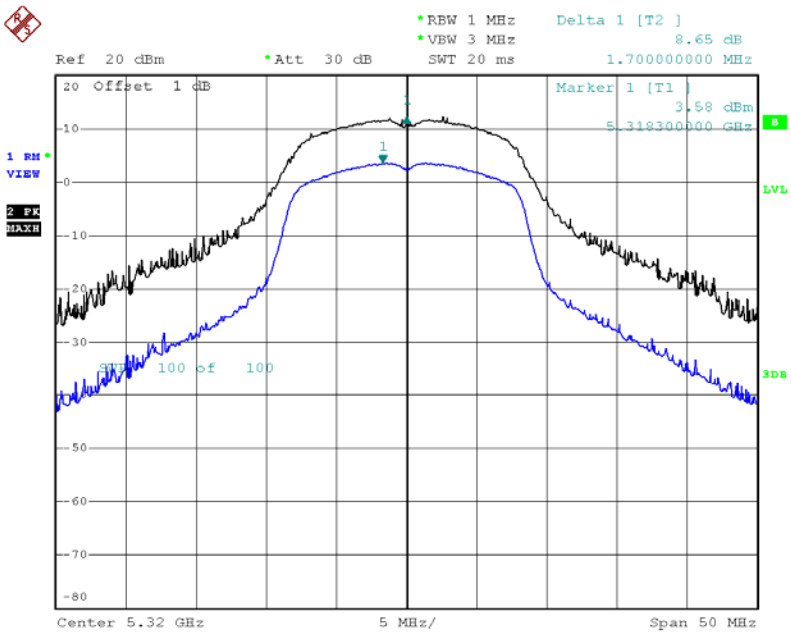
Date: 1.MAR.2013 15:23:31

CH56



Date: 1.MAR.2013 15:25:18

CH64

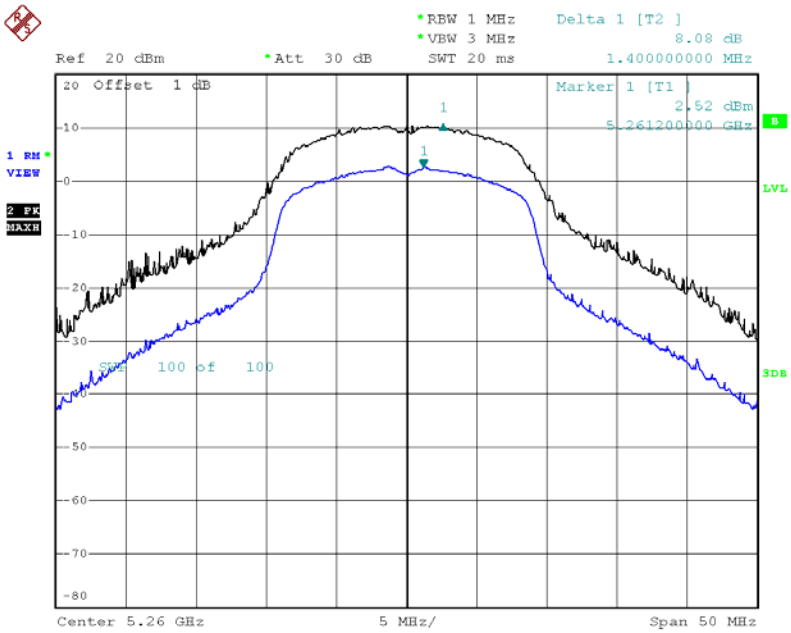


Date: 1.MAR.2013 15:26:58

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 2/TX N20 Mode/CH52, CH56, CH64		

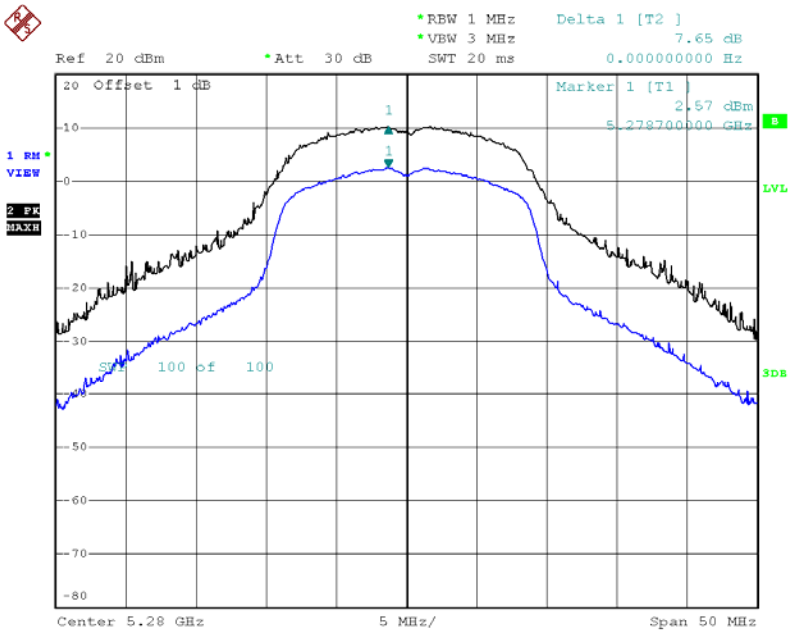
Test Channel	Frequency (MHz)	Peak Excursion (dB)	LIMIT (dB)
CH52	5260	8.08	13
CH56	5280	7.65	13
CH64	5320	7.96	13

CH52



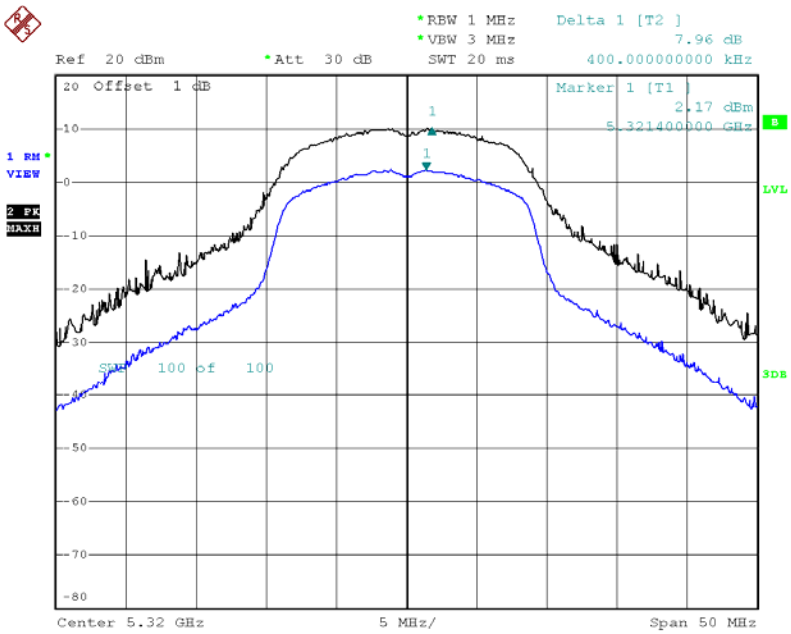
Date: 1.MAR.2013 15:34:34

CH56



Date: 1.MAR.2013 15:43:24

CH64

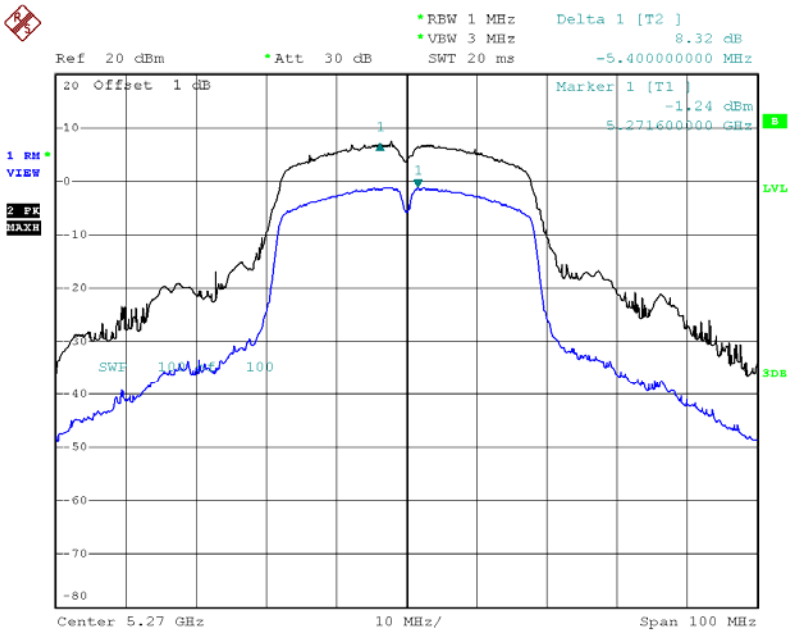


Date: 1.MAR.2013 15:45:19

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 2/TX N40 Mode/CH54, CH62		

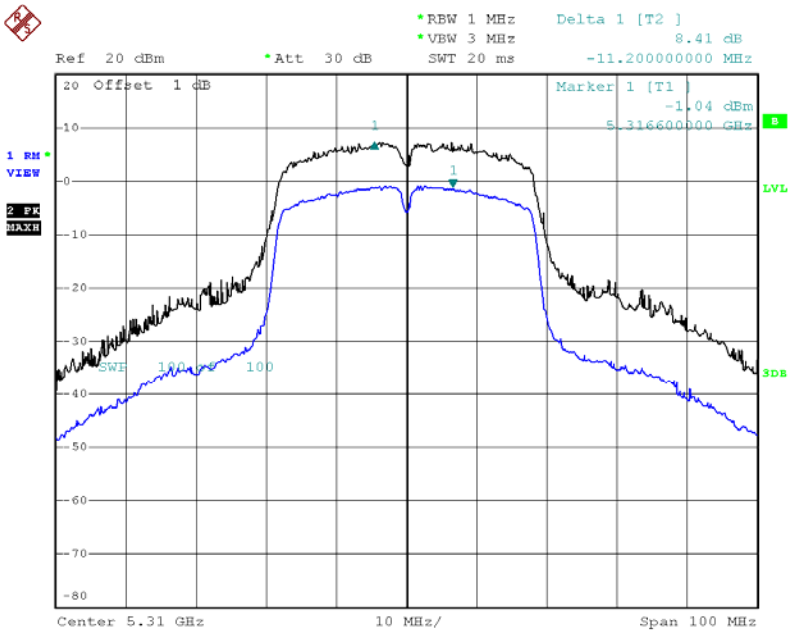
Test Channel	Frequency (MHz)	Peak Excursion (dB)	LIMIT (dB)
CH54	5270	8.32	13
CH62	5310	8.41	13

CH54



Date: 1.MAR.2013 15:52:12

CH62



Date: 1.MAR.2013 15:56:48

10. FREQUENCY STABILITY MEASUREMENT

10.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E 15.407(g)			
Test Item	Limit	Frequency Range (MHz)	Result
Frequency Stability	specified in the user's manual	5150 – 5250	PASS
		5250 – 5350	PASS
		5470 – 5725	N/A

10.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP_40	100129	Nov. 26.2013
2	Precision Oven Tester	HOLINK	H-T-1F-D	BA03101701	May.11.2013

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

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 Parameter	Setting
Attenuation	Auto
Span Frequency	Entire absence of modulation emissions bandwidth
RB	10 kHz
VB	10 kHz
Sweep Time	Auto

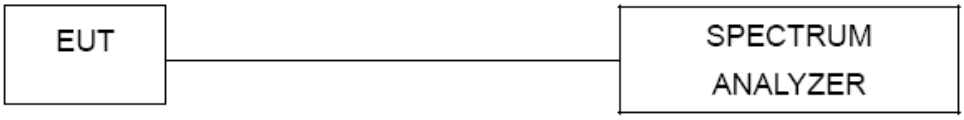
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. user manual temperature is -10°C~55°C.

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：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 1		

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180
138	5180.00721
120	5180.007200
102	5180.006500
Max. Deviation (MHz)	0.007210
Max. Deviation (ppm)	1.39

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(℃)	5180
0	5180.0024
10	5180.00312
20	5180.0074
30	5179.97841
40	5179.99891
Max. Deviation (MHz)	0.021590
Max. Deviation (ppm)	4.17

EUT：	Smart Phone	Model Name ：	HUAWEI D2-6114
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.8V		
Test Mode ：	Band 2		

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5320
138	5320.0014
120	5320.0017
102	5320.0021
Max. Deviation (MHz)	0.002100
Max. Deviation (ppm)	0.39

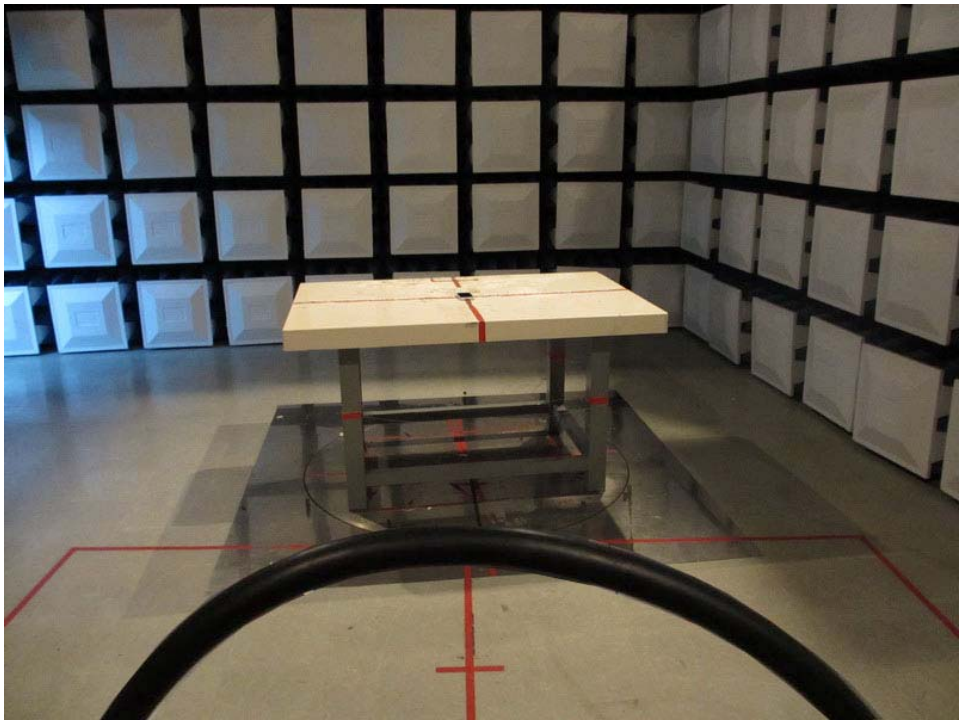
Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(℃)	5320
0	5320.0043
10	5320.00219
20	5320.00121
30	5319.9876
35	5319.97851
Max. Deviation (MHz)	0.021490
Max. Deviation (ppm)	4.04

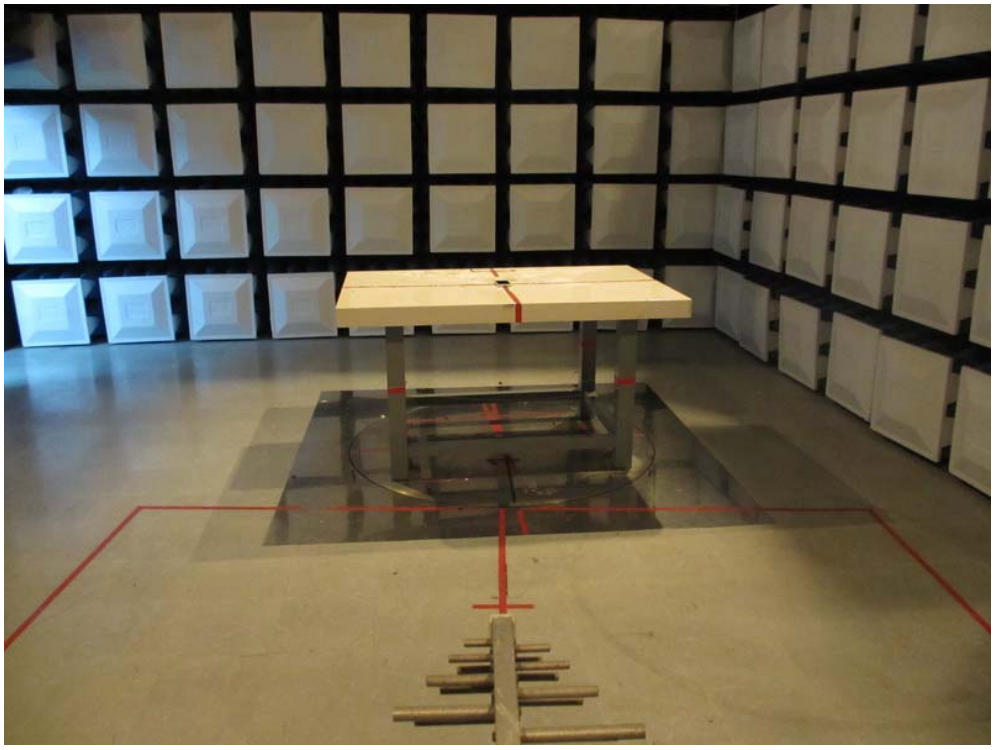
11. EUT TEST PHOTO

Conducted Measurement Photos

Radiated Measurement Photos
9K-30MHz



Radiated Measurement Photos
30MHz-1GHz



Radiated Measurement Photos
Above 1GHz