FCC PART 15C
TEST REPORT

No. 2013TAR072

for

TCT Mobile Limited

HSDPA/HSUPA/UMTS dual band / GSM quad bands mobile phone

Model Name: Smart III 4 NFC

Marketing Name：Vodafone 975N

FCC ID : RAD352

with

Hardware Version: PIO

Software Version: G5B

Issued Date: 2013-03-13

DAkkS Deutsche Akkreditierungsstelle D-PL-12123-01-01

DAR accreditation (DIN EN ISO/IEC 17025): No. D-PL-12123-01-01
FCC 2.948 Listed: No.733176
IC O.A.T.S listed: No.6629B

Note:

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of TMC Beijing.

Test Laboratory:

TMC Beijing, Telecommunication Metrology Center of Ministry of Industry and Information Technology

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CONTENTS

1. Test Laboratory

1.1. Testing Location

Company Name:	TMC Beijing, Telecommunication Metrology Center of MIIT
Address:	Shouxiang Science Building, No 51, Xueyuan Road, Haidian District, Beijing, P.R.China
Postal Code:	100191
Telephone:	00861062304633
Fax:	00861062304793

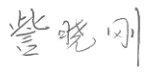
1.2. Testing Environment

Normal Temperature:	15-35℃
Extreme Temperature:	-20/+55℃
Relative Humidity:	20-75%

1.3. Project data

Project Leader:	Zi Xiaogang
Testing Start Date:	2013-02-04
Testing End Date:	2013-03-05

1.4. Signature

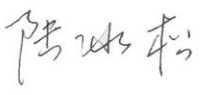


Zi Xiaogang

(Prepared this test report)

Sun Xiangqian

(Reviewed this test report)



Lu Bingsong

Deputy Director of the laboratory

(Approved this test report)

2. Client Information

2.1. Applicant Information

Company Name:	TCT Mobile Limited
Address /Post:	5F, C building, No. 232, Liang Jing Road ZhangJiang High-Tech Park, Pudong Area Shanghai, P.R. China. 201203
Contact:	Gong Zhizhou
Email:	zhizhou.gong@jrdcom.com
Telephone:	0086 21 68897541
Fax:	0086 21 50801070

2.2. Manufacturer Information

Company Name:	TCT Mobile Limited
Address /Post:	5F, C building, No. 232, Liang Jing Road ZhangJiang High-Tech Park, Pudong Area Shanghai, P.R. China. 201203
Contact:	Gong Zhizhou
Email:	zhizhou.gong@jrdcom.com
Telephone:	0086-21-61460890
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3. Equipment Under Test (EUT) and Ancillary Equipment (AE)

3.1. About EUT

Description	HSDPA/HSUPA/UMTS dual band / GSM quad bands mobile phone
Model Name	Smart III 4 NFC
Marketing Name	Vodafone 975N
FCC ID	RAD352
Frequency Band	ISM 2400MHz~2483.5MHz
Type of Modulation(LE mode)	GFSK
Number of Channels(LE mode)	40
Power Supply	3.8V DC by Battery

Note: The EUT is a variant model of Vodafone 975. All the result is coming from the Vodafone 975.

3.2. Internal Identification of EUT used during the test

EUT ID*	SN or IMEI	HW Version	SW Version
N12	869535010053556	PIO	G5B
N15	869535010053937	PIO	G5B

*EUT ID: is used to identify the test sample in the lab internally.

3.3. Internal Identification of AE used during the test

AE ID*	Description
AE1	Battery
AE2	Battery
AE3	Travel Adapter
AE4	Travel Adapter

AE1

Model	CAB32A0004C1
Manufacturer	BYD
Capacitance	1500mAh
Nominal voltage	3.7V

AE2

Model	CAB32A0004C2
Manufacturer	SCUD
Capacitance	1500mAh
Nominal voltage	3.7V

AE3

Model	CBA3001AG0C1
Manufacturer	BYD
Length of cable	105cm

AE4

Model	CBA3001AG0C2
Manufacturer	TenPao
Length of cable	105cm

*AE ID: is used to identify the test sample in the lab internally.

3.4. Normal Accessory Setting

1. Fully charged battery was used during the test;
2. A microSD card was being installed in the device during the test;

3.5. General Description

The Equipment Under Test (EUT) is a model of HSDPA/HSUPA/UMTS dual band / GSM quad bands mobile phone with integrated antenna. It consists of normal options: lithium battery, charger Manual and specifications of the EUT were provided to fulfil the test. Samples undergoing test were selected by the Client.

4. Reference Documents

4.1. Documents supplied by applicant

EUT feature information is supplied by the applicant or manufacturer, which is the basis of testing.

4.2. Reference Documents for testing

The following documents listed in this section are referred for testing.

FCC Part15	FCC CFR 47, Part 15, Subpart C: 15.205 Restricted bands of operation; 15.209 Radiated emission limits, general requirements; 15.247 Operation within the bands 902–928MHz, 2400–2483.5 MHz, and 5725–5850 MHz.	Oct,10 2009 Edition
ANSI C63.10	Procedures for testing compliance of a wide variety of unlicensed wireless devices	2009
KDB 558074	Guidance for Performing Compliance Measurements on Digital Transmission Systems (DTS) Operating Under §15.247	V01

5. LABORATORY ENVIRONMENT

Shielding Room1 (6.0 meters×3.0 meters×2.7 meters) did not exceed following limits along the conducted RF performance testing:

Temperature	Min. = 15 ℃, Max. = 30 ℃
Relative humidity	Min. = 30 %, Max. = 60 %
Shielding effectiveness	> 110 dB
Ground system resistance	< 0.5 Ω
Uniformity of field strength	Between 0 and 6 dB, from 80MHz to 3000 MHz

Control room did not exceed following limits along the EMC testing:

Temperature	Min. = 15 ℃, Max. = 35 ℃
Relative humidity	Min. =30 %, Max. = 60 %
Shielding effectiveness	> 110 dB
Electrical insulation	> 10 kΩ
Ground system resistance	< 0.5 Ω

Semi-anechoic chamber (23 meters×17meters×10meters) did not exceed following limits along the EMC testing:

Temperature	Min. = 15 ℃, Max. = 30 ℃
Relative humidity	Min. = 30 %, Max. = 60 %
Shielding effectiveness	> 110 dB
Electrical insulation	> 10 kΩ
Ground system resistance	< 0.5 Ω
Normalised site attenuation (NSA)	< ±3.2 dB, 10 m distance, from 30 to 1000 MHz
Uniformity of field strength	Between 0 and 6 dB, from 80 to 2000 MHz

6. SUMMARY OF TEST RESULTS

6.1. Summary of Test Results

Abbreviations used in this clause:

P Pass, The EUT complies with the essential requirements in the standard.

F Fail, The EUT does not comply with the essential requirements in the standard

NA Not Applicable, The test was not applicable

NP Not Performed, The test was not performed by TMC

SUMMARY OF MEASUREMENT RESULTS	Sub-clause	Verdict
Peak Output Power - Conducted	15.247 (b)(1)	**P**
Frequency Band Edges	15.247 (d)	**P**
Conducted Emission	15.247 (d)	**P**
Radiated Emission	15.247, 15.205, 15.209	**P**
6dB Bandwidth	15.247 (a)(2)	**P**
Maximum Power Spectral Density Level	15.247(e)	**P**
AC Powerline Conducted Emission	15.107, 15.207	**P**

Please refer to **ANNEX A** for detail.

The measurement is made according to KDB 558074 and ANSI C63.10.

6.2. Statements

TMC has evaluated the test cases requested by the applicant /manufacturer as listed in section 6.1 of this report for the EUT specified in section 3 according to the standards or reference documents listed in section 4.2

7. Test Equipments Utilized

Conducted test system

No.	Equipment	Model	Serial Number	Manufacturer	Calibration Due date
1	Vector Signal Analyzer	FSU26	200030	Rohde & Schwarz	2013-06-19
2	Bluetooth Tester	CBT32	100649	Rohde & Schwarz	2014-02-03

Radiated emission test system

No.	Equipment	Model	Serial Number	Manufacturer	Calibration Due date
1	Test Receiver	ESI40	831564/002	Rohde & Schwarz	2013-08-11
2	EMI Antenna	VULB 9163	9163 301	Schwarzbeck	2013-08-30
3	EMI Antenna	3117	00034610	EMCO	2013-07-01
4	Dual-Ridge Waveguide Horn Antenna	3116	2663	EMCO	2013-07-10
5	Dual-Ridge Waveguide Horn Antenna	3116	2661	EMCO	2013-07-05
6	Universal Radio Communication Tester	CMU200	105948	Rohde & Schwarz	2013-08-14
7	LISN	ESH2-Z5	829991/012	Rohde & Schwarz	2014-03-17
8	Pre-amplifier(18GHz)	/	1005277	Rohde & Schwarz	/
9	Pre-amplifier(26.5GHz)	/	1005277	Rohde & Schwarz	/

Anechoic chamber

Fully anechoic chamber by Frankonia German.

ANNEX A: MEASUREMENT RESULTS

A.1. Measurement Method

A.1.1. Conducted Measurements

The measurement is made according to KDB 558074 and ANSI C63.10.

1). Connect the EUT to the test system correctly.

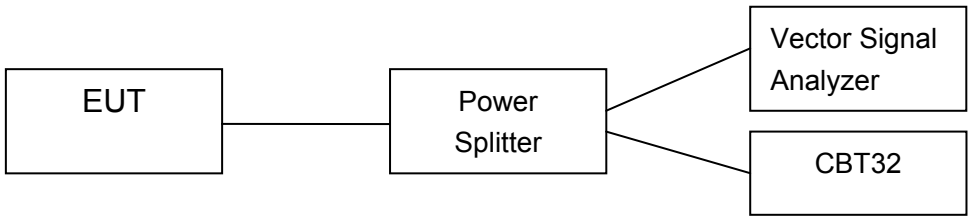
2). Set the EUT to the required work mode (Transmitter, receiver or transmitter & receiver).

3). Set the EUT to the required channel.

4). Set the EUT hopping mode (hopping or hopping off).

5). Set the spectrum analyzer to start measurement.

6). Record the values. Vector Signal Analyzer



A.1.2. Radiated Emission Measurements

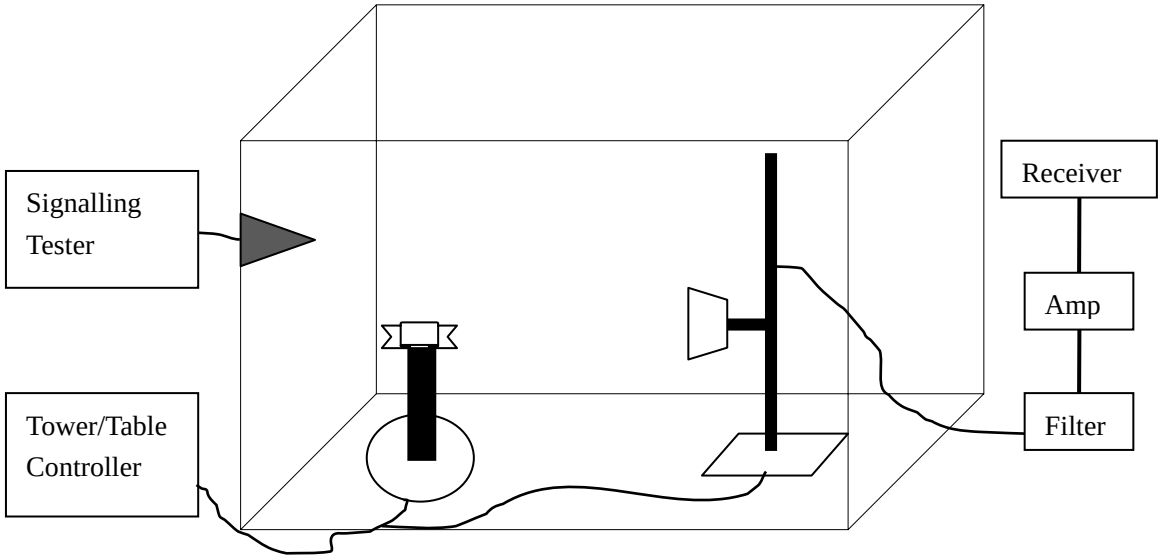
The measurement is made according to KDB 558074 and ANSI C63.10.

The radiated emission test is performed in semi-anechoic chamber. The distance from the EUT to the reference point of measurement antenna is 3m. The test is carried out on both vertical and horizontal polarization and only maximization result of both polarizations is kept. During the test, the turntable is rotated 360° and the measurement antenna is moved from 1m to 4m to get the maximization result.

In the case of radiated emission, the used settings are as follows,

Sweep frequency from 30 MHz to 1GHz, RBW = 100 kHz, VBW = 300 kHz;

Sweep frequency from 1 GHz to 26GHz, RBW = 1MHz, VBW = 1MHz;



A.2. Peak Output Power - Conducted

Measurement Limit:

Standard	Limit (dBm)
FCC Part 15.247(b)(1)	< 30

The measurement is made according to KDB 558074 and ANSI C63.10.

Test Condition

Hopping Mode	RBW	VBW	Span	Sweeptime
Hopping OFF	1MHz	5MHz	0	5ms

Measurement Results:

For GFSK

Frequency	2402 MHz	2440 MHz	2480 MHz	Conclusion
Peak Conducted Output Power (dBm)	0.66	-0.22	-2.28	P

Conclusion: PASS

A.3. Frequency Band Edges - Conducted

Measurement Limit:

Standard	Limit (dBc)
FCC 47 CFR Part 15.247 (d)	> 20

The measurement is made according to KDB 558074 and ANSI C63.10.

Measurement Result:

For GFSK

Frequency	Hopping	Band Edge Power (dBc)		Conclusion
2402MHz	Hopping OFF	Fig.1	-56.10	P
2480MHz	Hopping OFF	Fig.2	-57.55	P

Conclusion: PASS

Test graphs as below

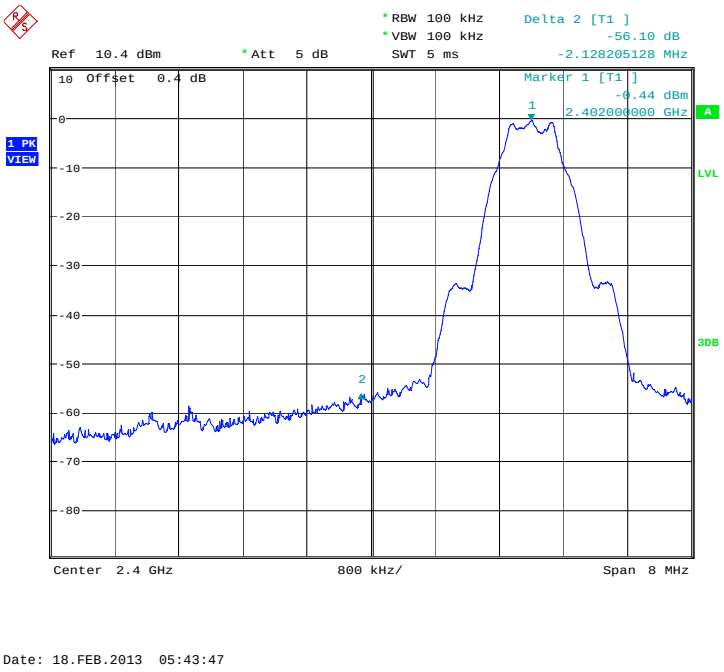


Fig.1. Frequency Band Edges: GFSK, 2402 MHz**,** Hopping Off

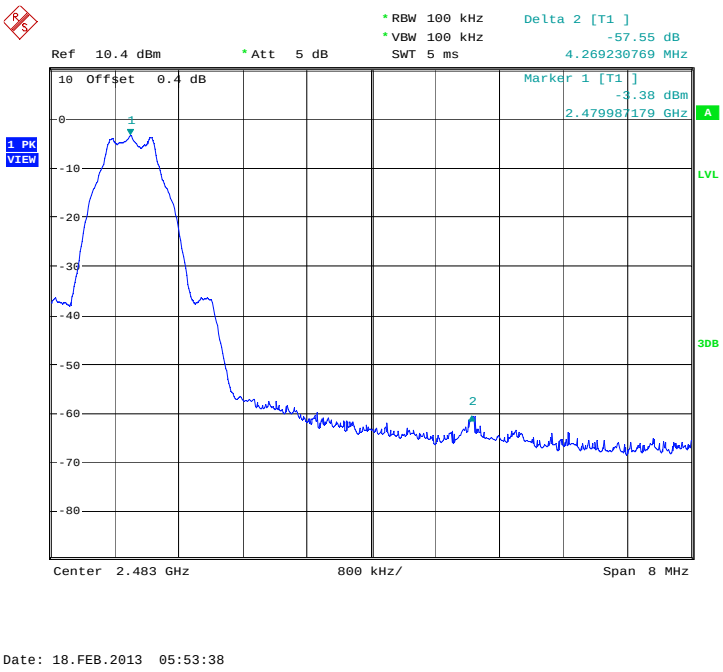


Fig.2. Frequency Band Edges: GFSK, 2480 MHz, Hopping Off

A.4. Conducted Emission

Measurement Limit:

Standard	Limit
FCC 47 CFR Part 15.247 (d)	20dB below peak output power in 100 kHz bandwidth

The measurement is made according to KDB 558074 and ANSI C63.10.

Measurement Results:

For GFSK

Frequency	Frequency Range	Test Results	Conclusion
2402 MHz	Center Frequency	Fig.3	P
	30 MHz ~ 1 GHz	Fig.4	P
	1 GHz ~ 3 GHz	Fig.5	P
	3 GHz ~ 10 GHz	Fig.6	P
	10GHz ~ 26 GHz	Fig.7	P
2440 MHz	Center Frequency	Fig.8	P
	30 MHz ~ 1 GHz	Fig.9	P
	1 GHz ~ 3 GHz	Fig.10	P
	3 GHz ~ 10 GHz	Fig.11	P
	10GHz ~ 26 GHz	Fig.12	P
2480 MHz	Center Frequency	Fig.13	P
	30 MHz ~ 1 GHz	Fig.14	P
	1 GHz ~ 3GHz	Fig.15	P
	3 GHz ~ 10 GHz	Fig.16	P
	10 GHz ~ 26 GHz	Fig.17	P

Conclusion: PASS

Test graphs as below

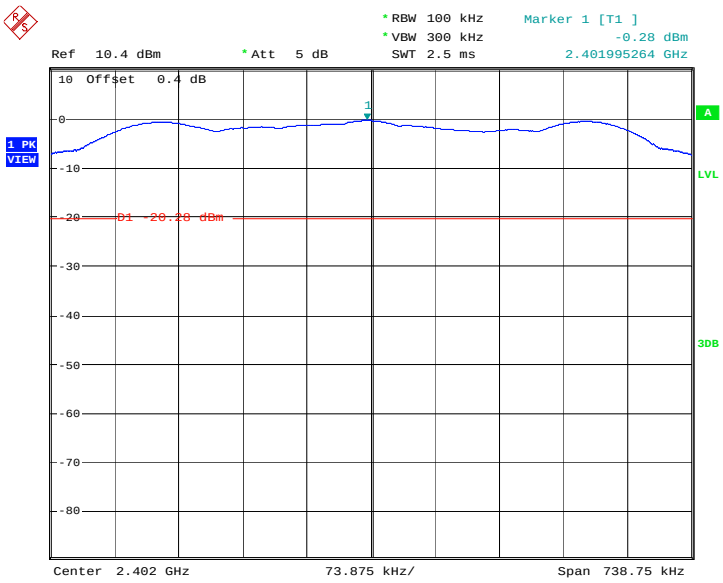


Fig.3. Conducted spurious emission: GFSK,2402MHz

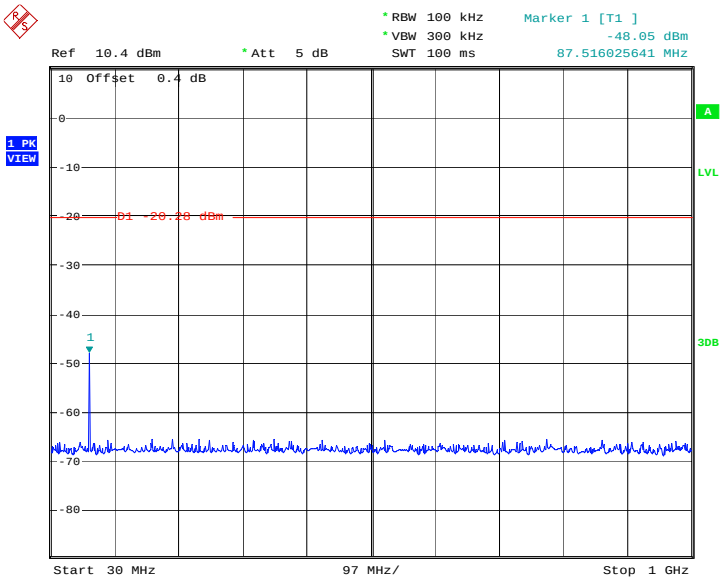


Fig.4. Conducted spurious emission: GFSK, 2402 MHz, 30MHz - 1GHz

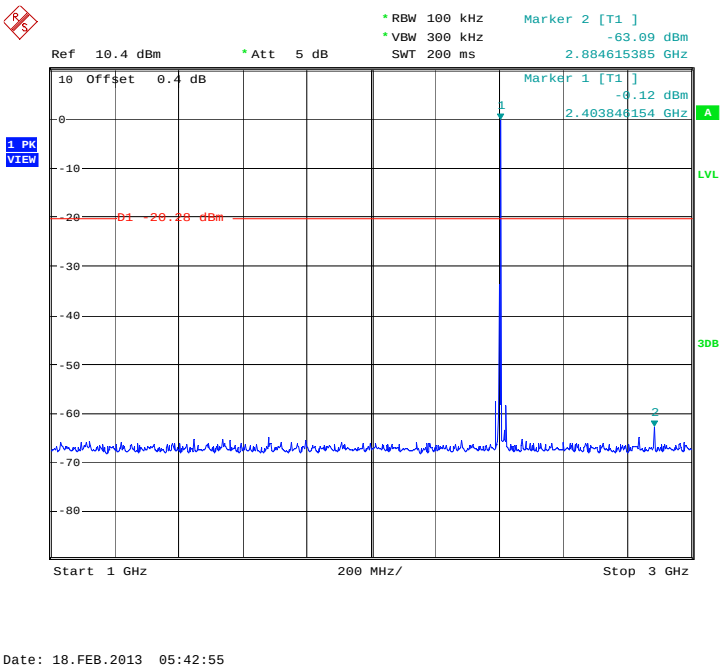


Fig.5. Conducted spurious emission: GFSK, 2402 MHz,1GHz - 3GHz

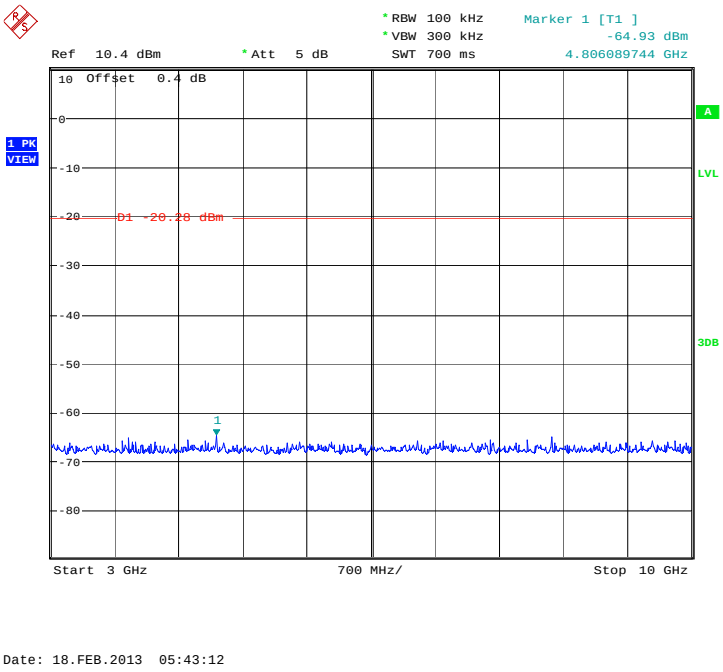


Fig.6. Conducted spurious emission: GFSK, 2402 MHz,3GHz - 10GHz

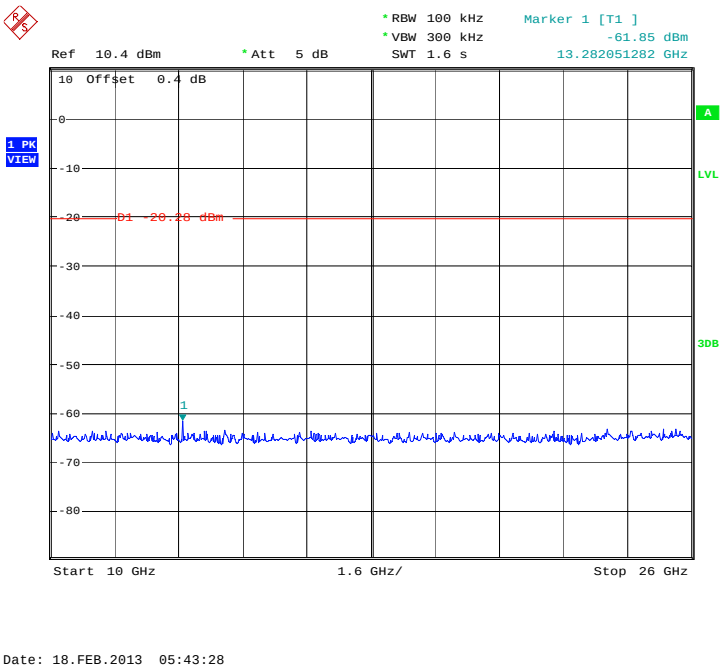


Fig.7. Conducted spurious emission: GFSK, 2402 MHz,10GHz - 26GHz

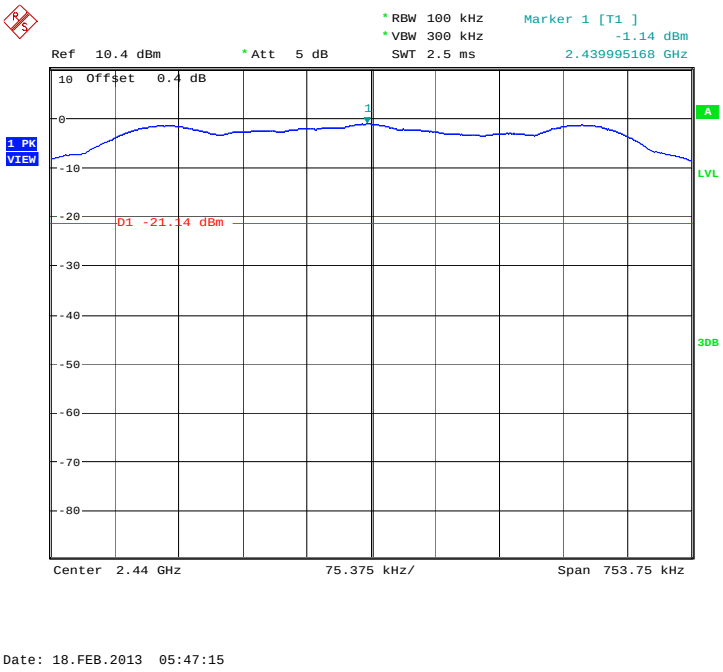


Fig.8. Conducted spurious emission: GFSK, 2440MHz

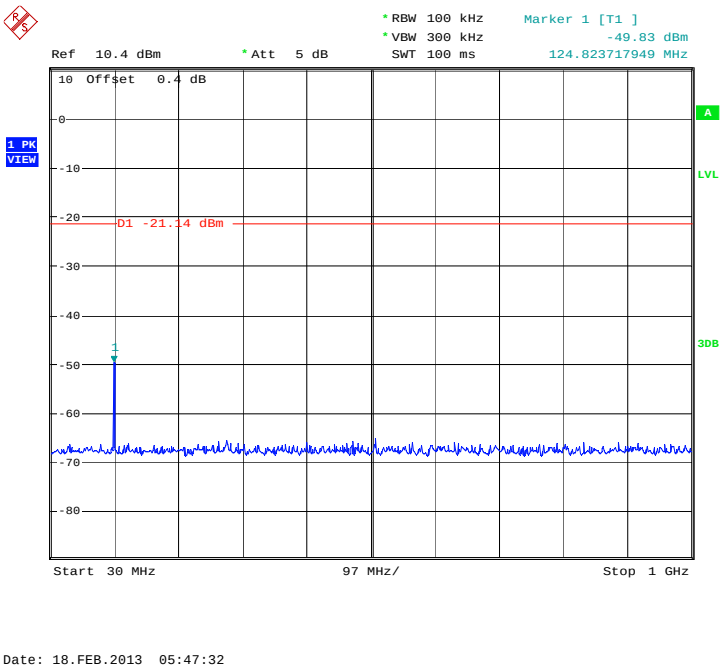


Fig.9. Conducted spurious emission: GFSK, 2440 MHz, 30MHz - 1GHz

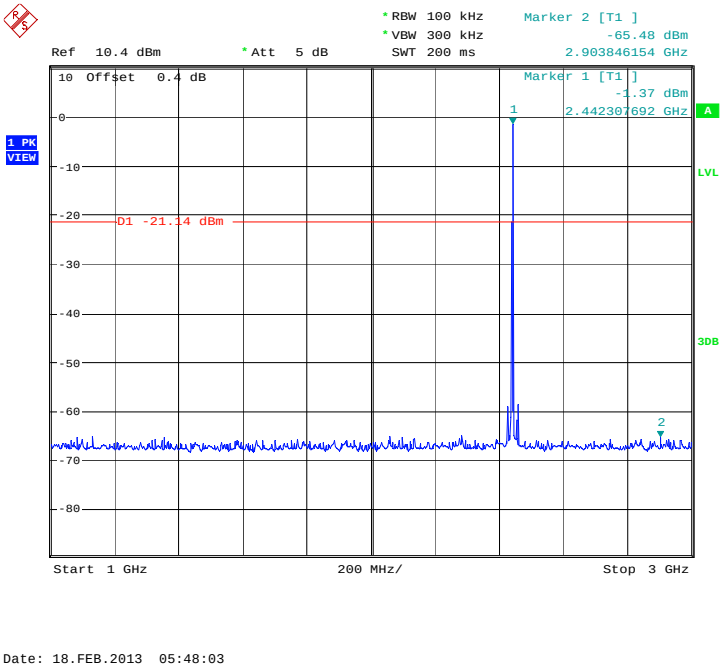


Fig.10. Conducted spurious emission: GFSK, 2440 MHz, 1GHz – 3GHz

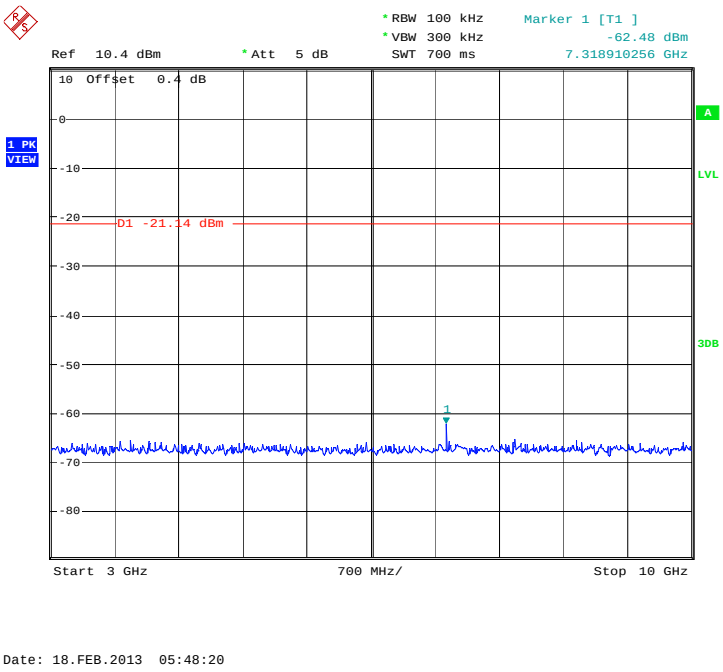


Fig.11. Conducted spurious emission: GFSK, 2440 MHz, 3GHz – 10GHz

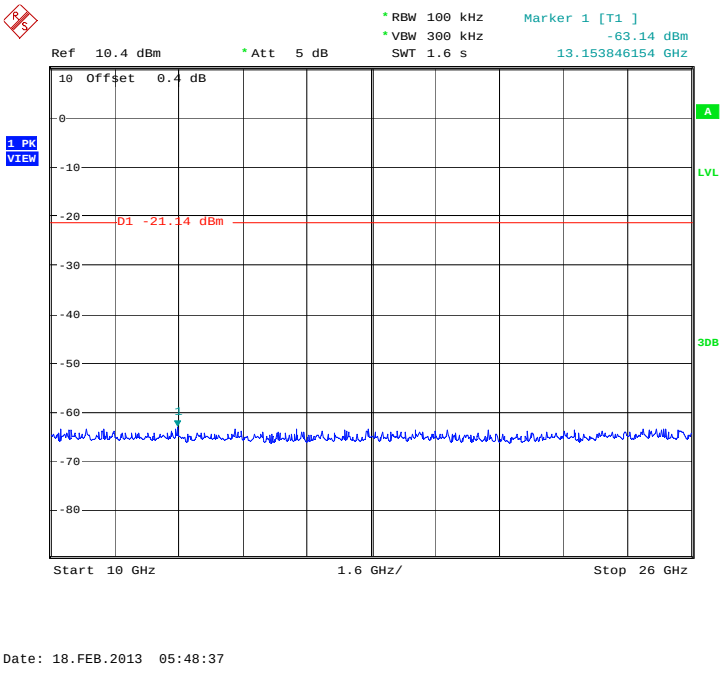


Fig.12. Conducted spurious emission: GFSK, 2440 MHz, 10GHz – 26GHz

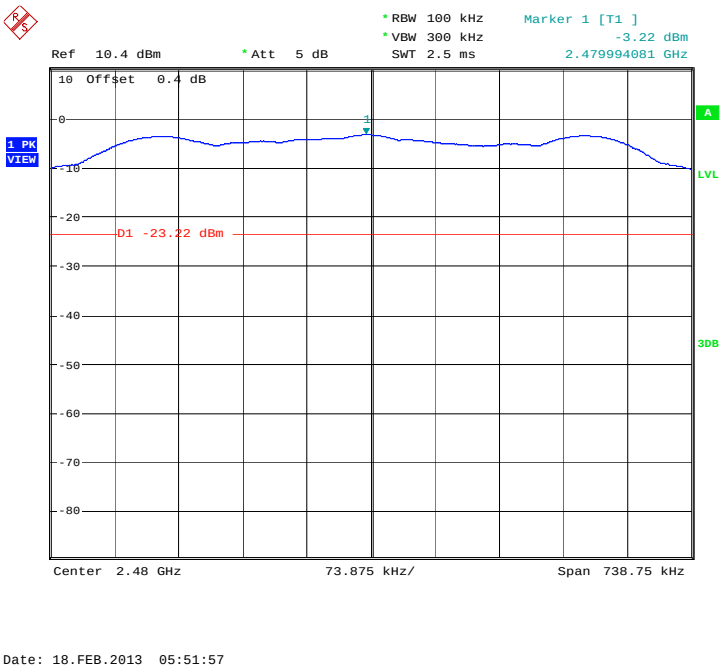


Fig.13. Conducted spurious emission: GFSK, 2480 MHz

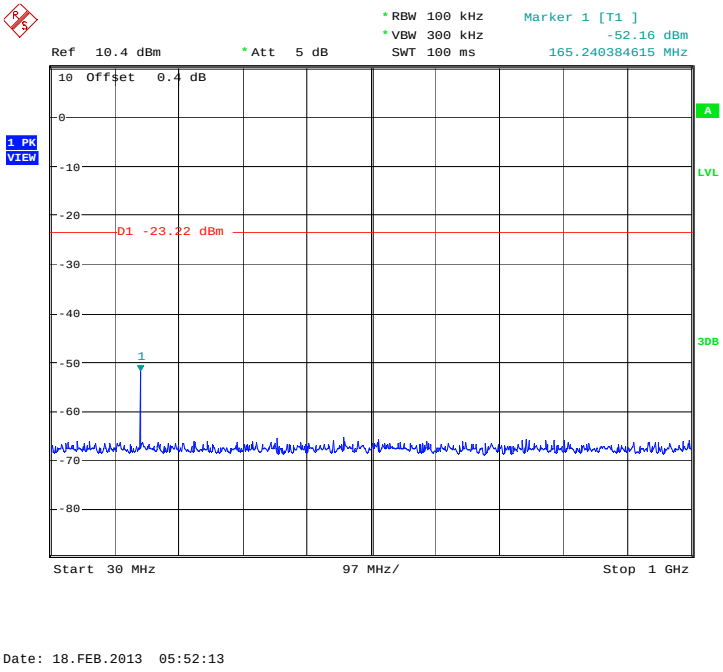


Fig.14. Conducted spurious emission: GFSK, 2480 MHz, 30MHz - 1GHz

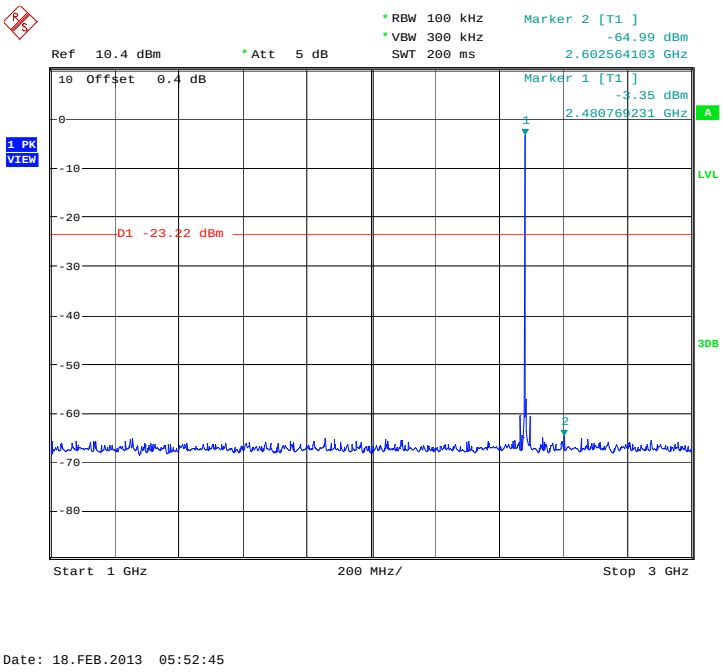


Fig.15. Conducted spurious emission: GFSK, 2480 MHz, 1GHz - 3GHz

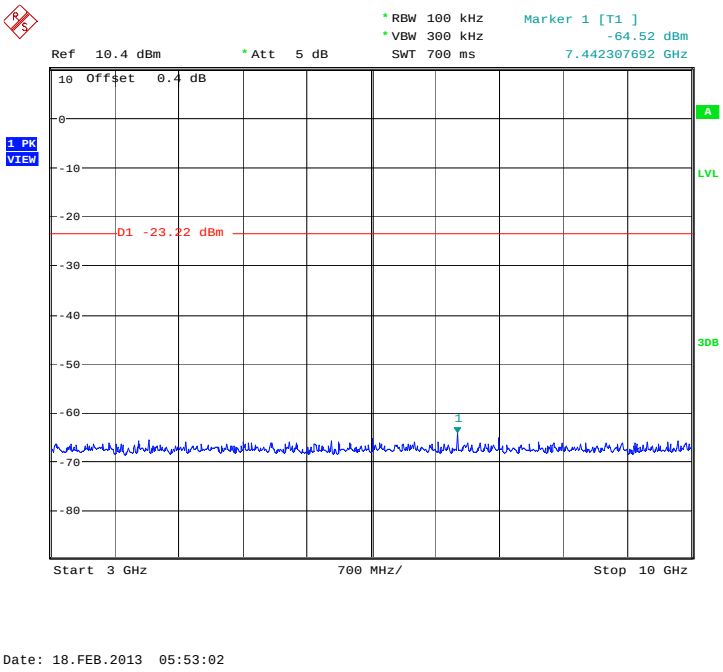


Fig.16. Conducted spurious emission: GFSK, 2480 MHz, 3GHz - 10GHz

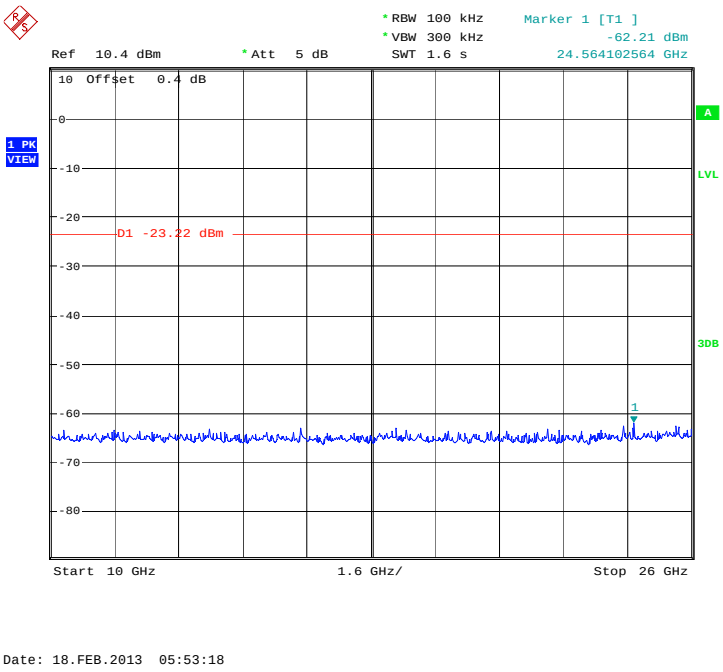


Fig.17. Conducted spurious emission: GFSK, 2480 MHz, 10GHz - 26GHz

A.5. Radiated Emission

Measurement Limit:

Standard	Limit
FCC 47 CFR Part 15.247, 15.205, 15.209	20dB below peak output power

In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

The measurement is made according to KDB 558074 and ANSI C63.10

Limit in restricted band:

Frequency of emission (MHz)	Field strength(uV/m)	Field strength(dBuV/m)
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Test Condition

The EUT was placed on a non-conductive table. The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

Frequency of emission (MHz)	RBW/VBW	Sweep Time(s)
30-1000	100KHz/300KHz	5
1000-4000	1MHz/1MHz	15
4000-18000	1MHz/1MHz	40
18000-26500	1MHz/1MHz	20

Measurement Results:

A "reference path loss" is established and the A_{Rpl} is the attenuation of “reference path loss”, and including the gain of receive antenna, the gain of the preamplifier, the cable los.

The measurement results are obtained as described below:

$Result=P_{Mea}+A_{Rpl}$

For GFSK

Frequency	Frequency Range	Test Results	Conclusion
2402 MHz	30 MHz ~ 1 GHz	Fig.18	P
	1 GHz ~ 3 GHz	Fig.19	P
	3 GHz ~ 18 GHz	Fig.20	P
2441 MHz	30 MHz ~ 1 GHz	Fig.21	P
	1 GHz ~ 3 GHz	Fig.22	P
	3 GHz ~ 18 GHz	Fig.23	P

2480 MHz	30 MHz ~ 1 GHz	Fig.24	P
	1 GHz ~ 3 GHz	Fig.25	P
	3 GHz ~ 18 GHz	Fig.26	P
Power	2.38GHz~2.4GHz---L	Fig.27	P
Power	2.45GHz~2.5GHz---H	Fig.28	P
For all channels	18 GHz ~ 26 GHz	Fig.29	P

GFSK 2402MHz

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	PMea(dBuV/m)	Polarity
17491.500	43.6	17.7	25.857	V
17977.500	43.6	17.0	26.568	V
17497.500	43.6	17.7	25.857	V
17511.000	43.5	17.5	26.027	V
18000.000	43.5	18.1	25.404	H
17997.750	43.5	17.5	25.954	H

GFSK 2440MHz

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	PMea(dBuV/m)	Polarity
17493.750	43.8	17.7	26.057	H
17991.750	43.6	17.5	26.054	V
17983.500	43.6	17.0	26.568	H
17460.750	43.6	17.3	26.297	H
17535.750	43.6	17.6	25.967	V
17523.750	43.6	17.5	26.127	V

GFSK 2480MHz

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	PMea(dBuV/m)	Polarity
17496.750	43.6	17.7	25.857	H
17992.500	43.6	17.5	26.054	V
17504.250	43.6	17.5	26.127	H
17503.500	43.6	17.5	26.127	H
17999.250	43.6	17.5	26.054	H
17506.500	43.5	17.5	26.027	V

Conclusion: PASS

Test graphs as below:

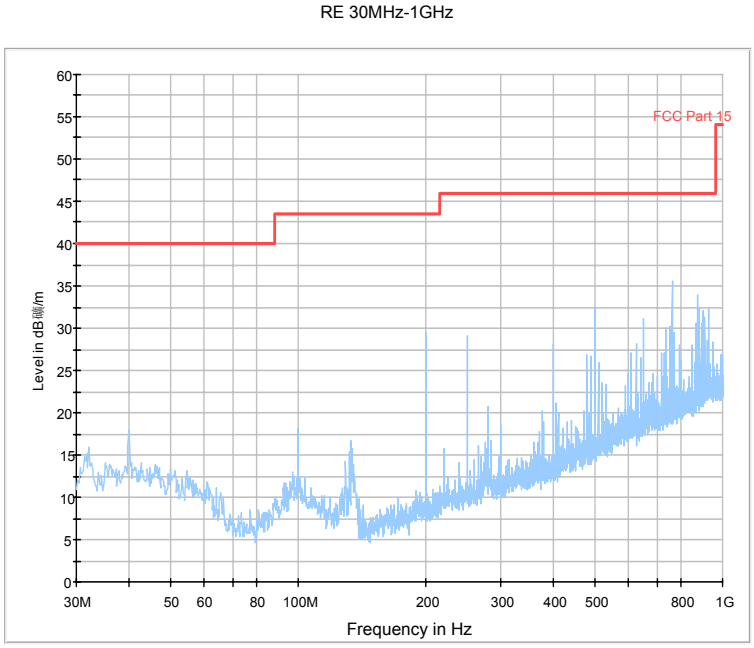


Fig.18. Radiated emission: GFSK, 2402MHz, 30 MHz - 1 GHz

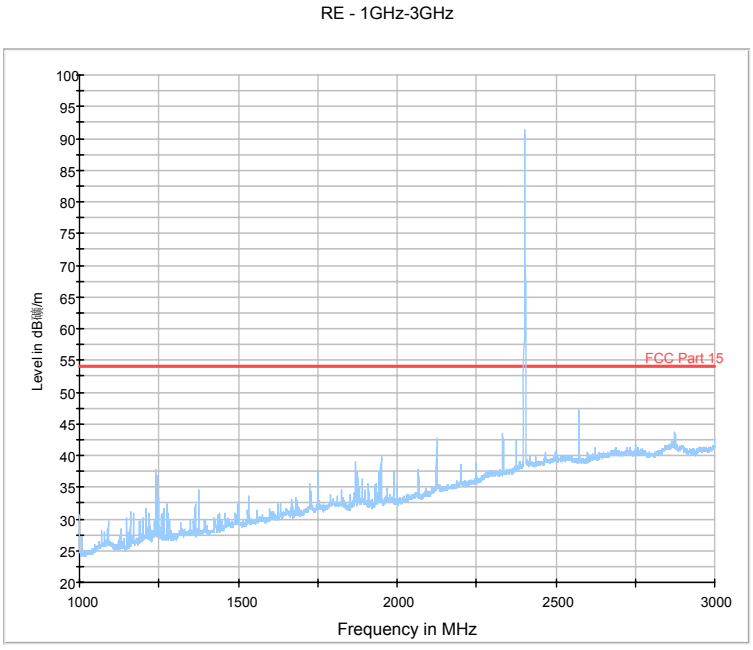


Fig.19. Radiated emission: GFSK, 2402MHz, 1 GHz - 3GHz

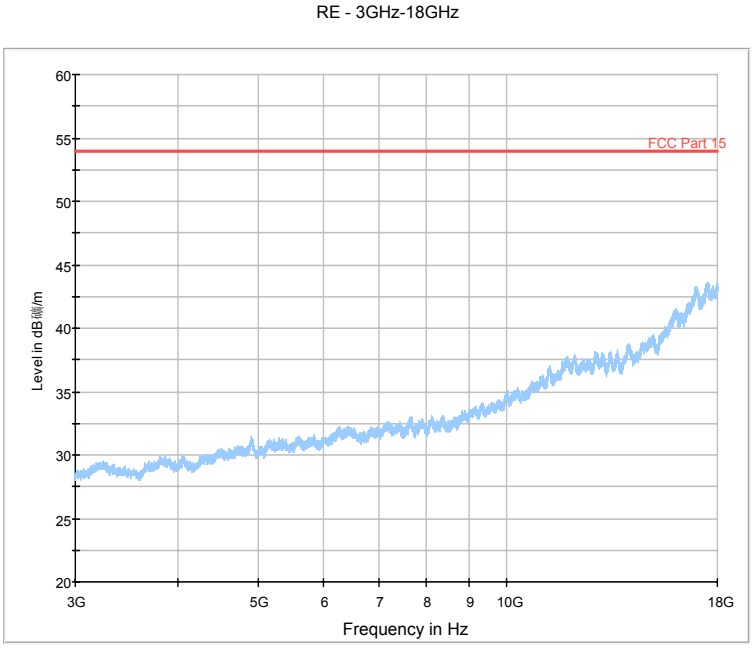


Fig.20. Radiated emission: GFSK, 2402MHz, 3 GHz - 18 GHz

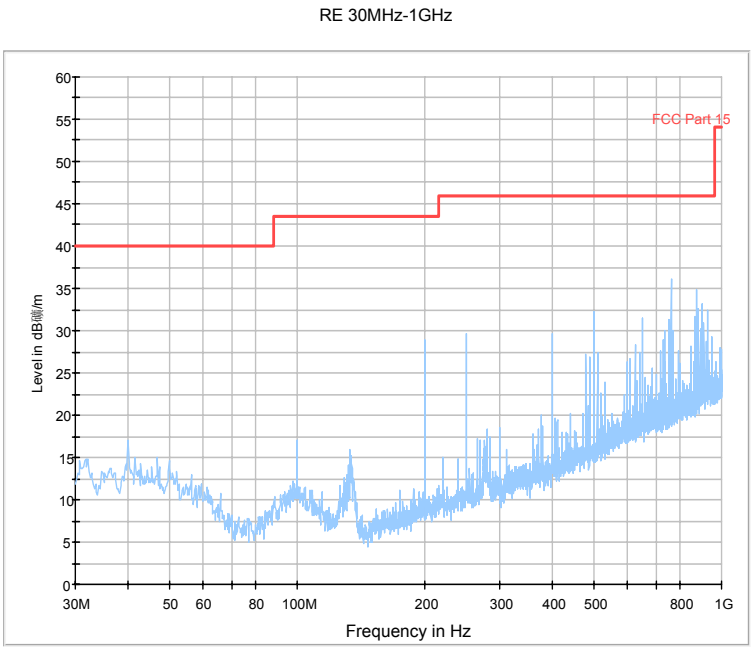


Fig.21. Radiated emission: GFSK, 2440MHz, 30 MHz - 1 GHz

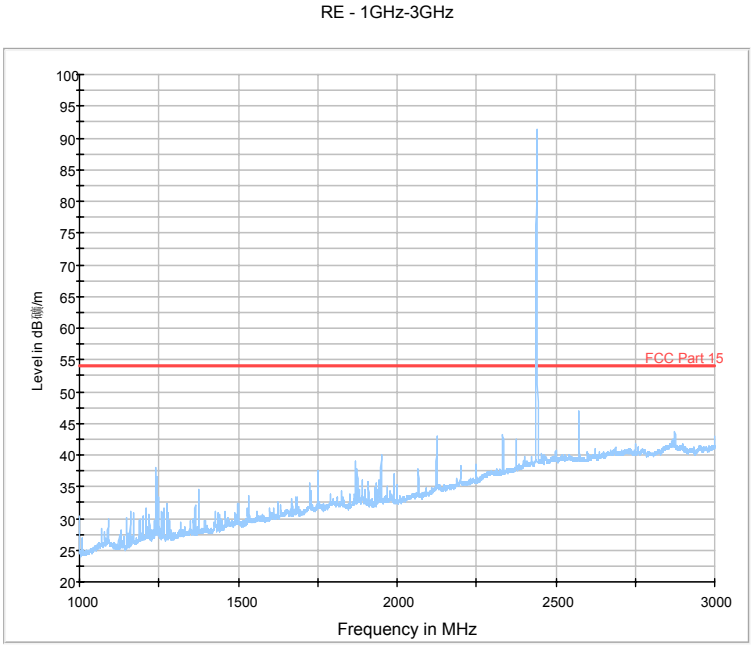


Fig.22. Radiated emission: GFSK, 2440MHz, 1 GHz - 3 GHz

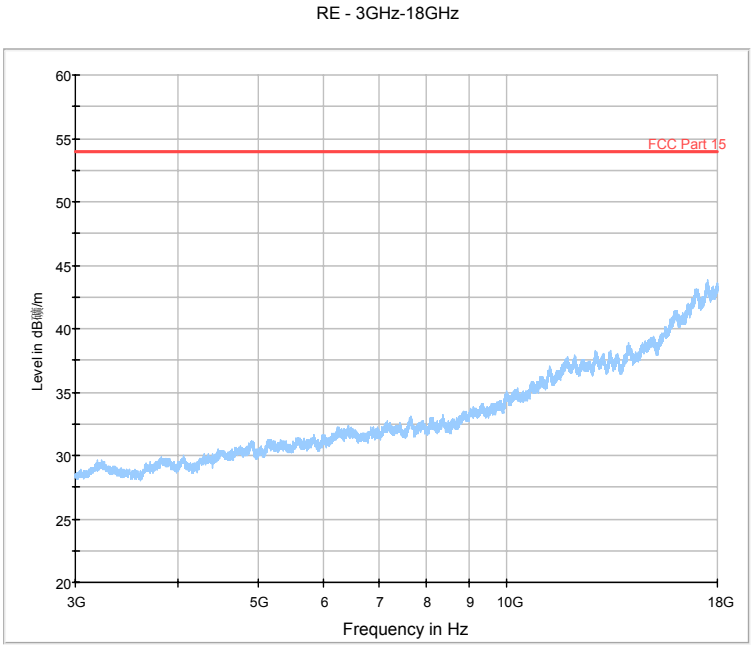


Fig.23. Radiated emission: GFSK, 2440MHz, 3 GHz - 18 GHz

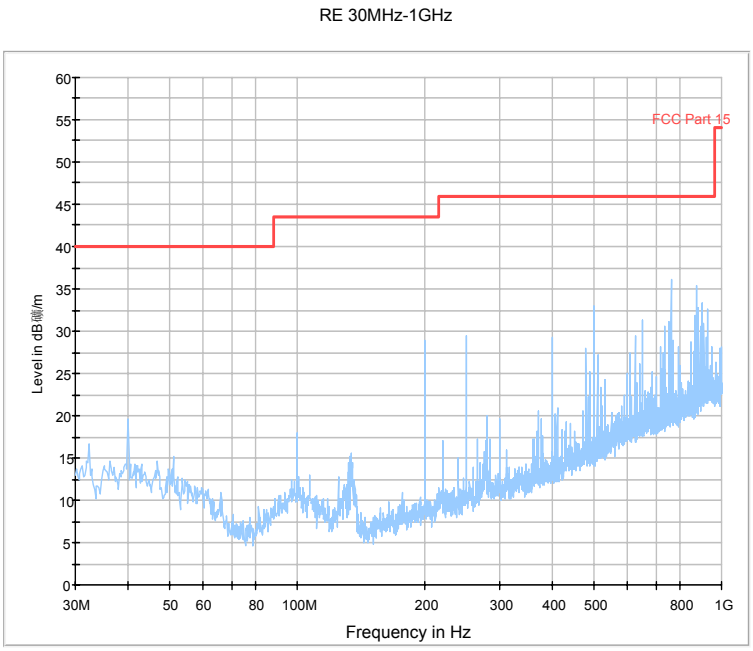


Fig.24. Radiated emission: GFSK, 2480MHz, 30 MHz - 1 GHz

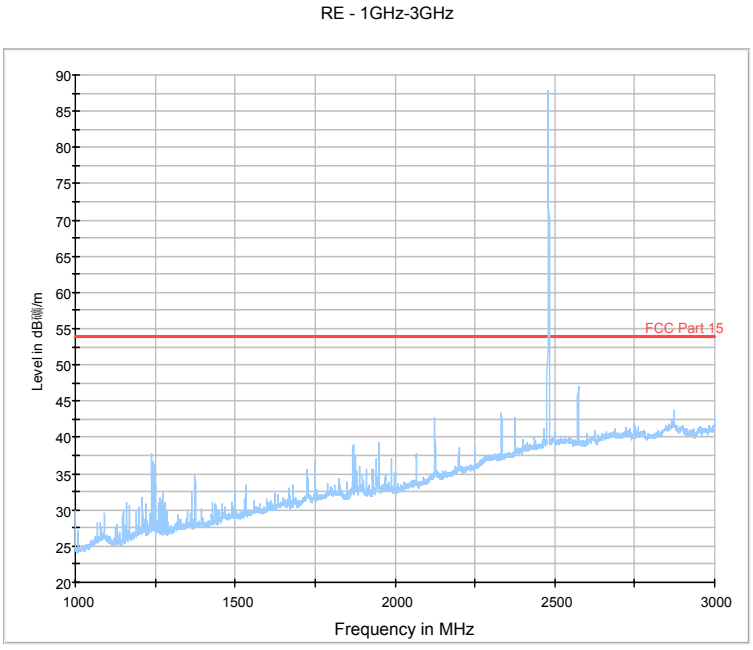


Fig.25. Radiated emission: GFSK, 2480MHz, 1 GHz - 3 GHz

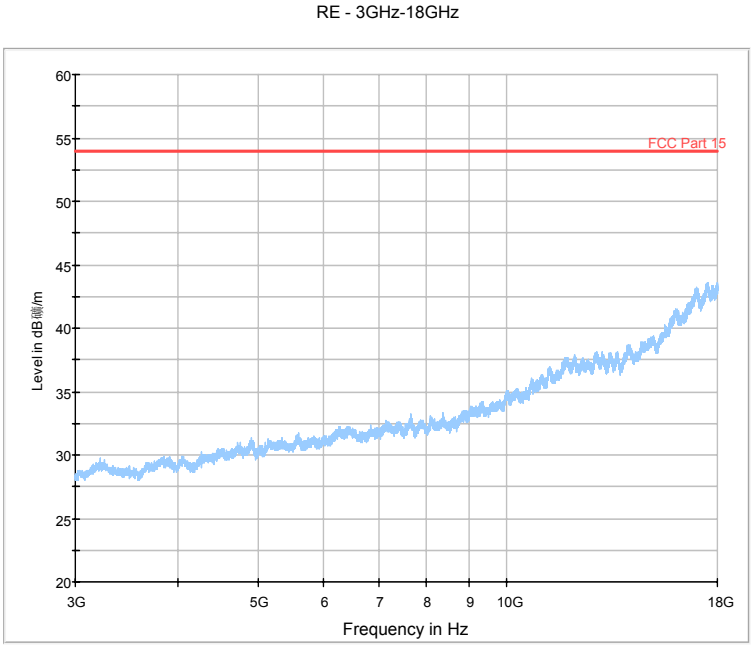


Fig.26. Radiated emission: GFSK, 2480MHz, 3 GHz - 18 GHz

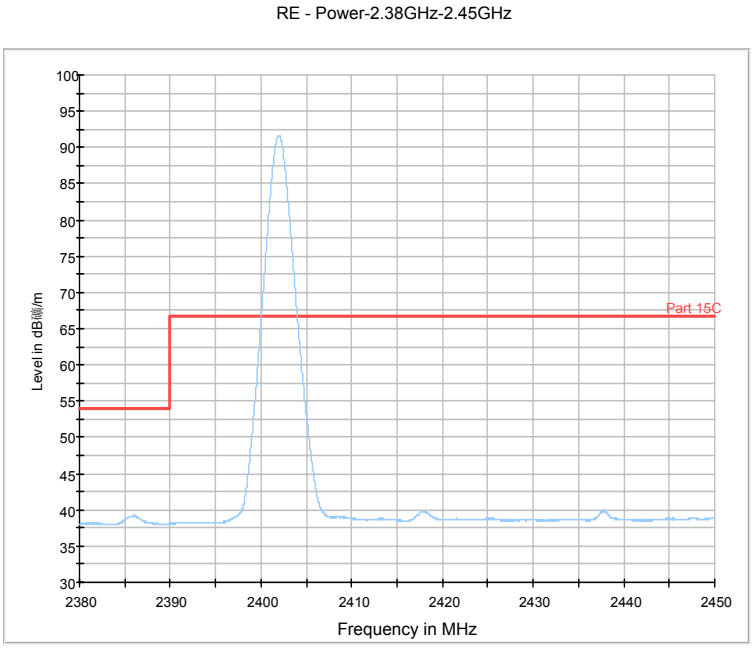


Fig.27. Radiated emission (Power): GFSK low channel

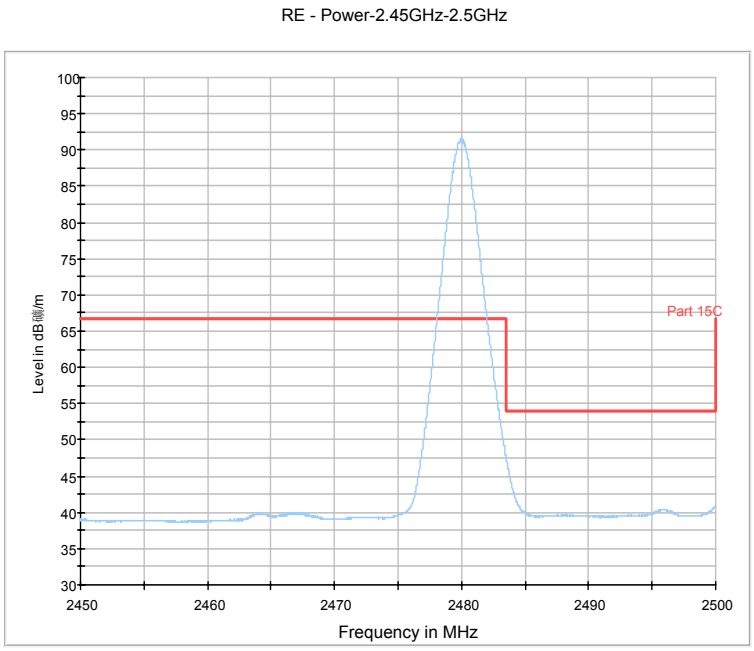


Fig.28. Radiated emission (Power): GFSK high channel

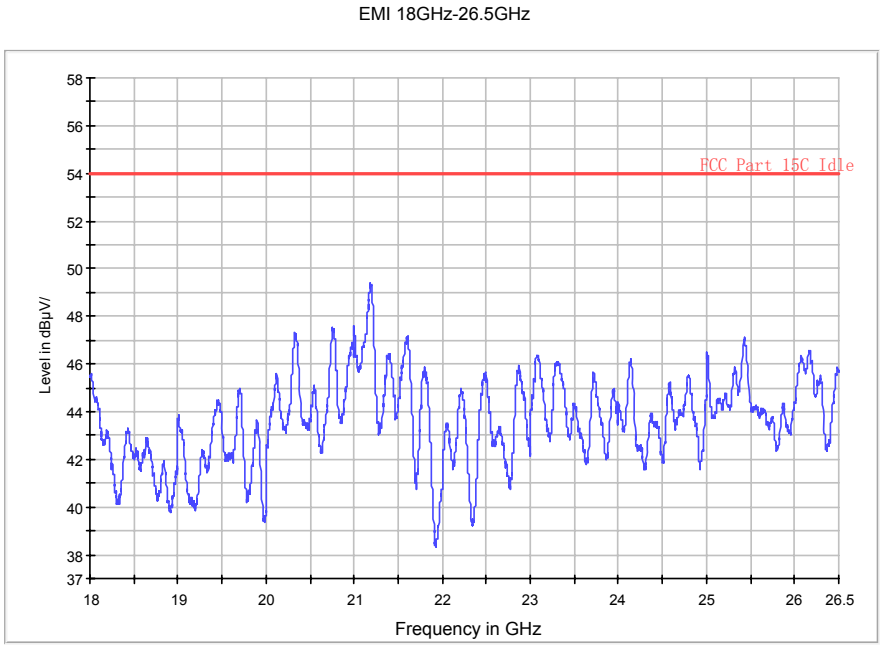


Fig.29. Radiated emission: GFSK, 18 GHz - 26 GHz

A.6. 6dB Bandwidth

Measurement Limit:

Standard	Limit
FCC 47 CFR Part 15.247(a)(2)	>= 500KHz

The measurement is made according to KDB 558074 and ANSI C63.10

Measurement Results:

For GFSK

Frequency	6dB Bandwidth (kHz)		Conclusion
2402MHz	Fig.30	631.41	P
2440MHz	Fig.31	644.23	P
2480MHz	Fig.32	631.41	P

Conclusion: PASS

Test graphs as below:

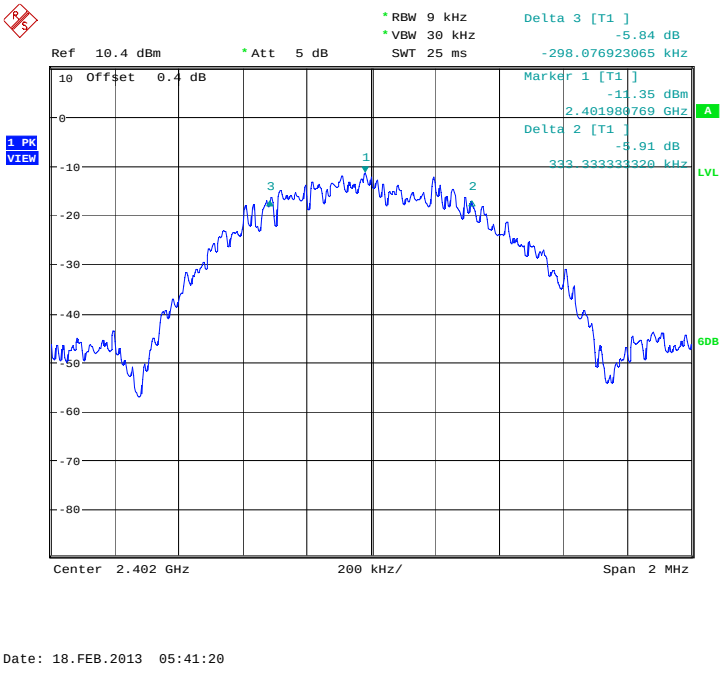


Fig.30. 6dB Bandwidth: GFSK, 2402 MHz

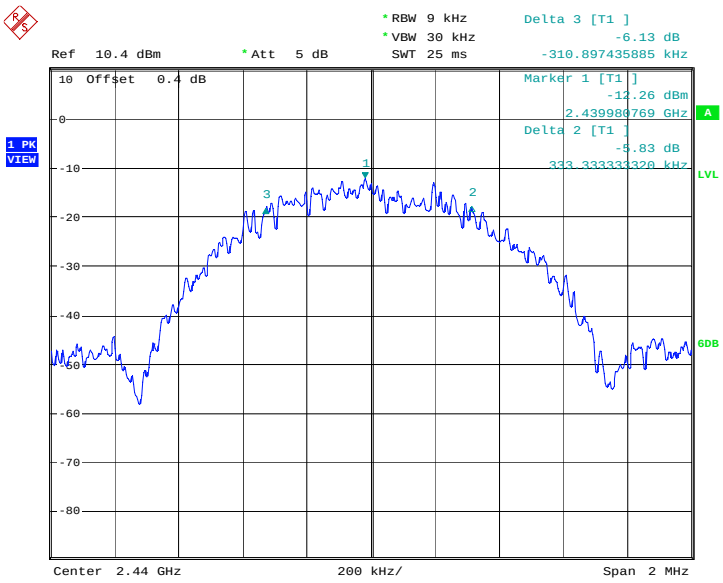


Fig.31. 6dB Bandwidth: GFSK, 2440 MHz

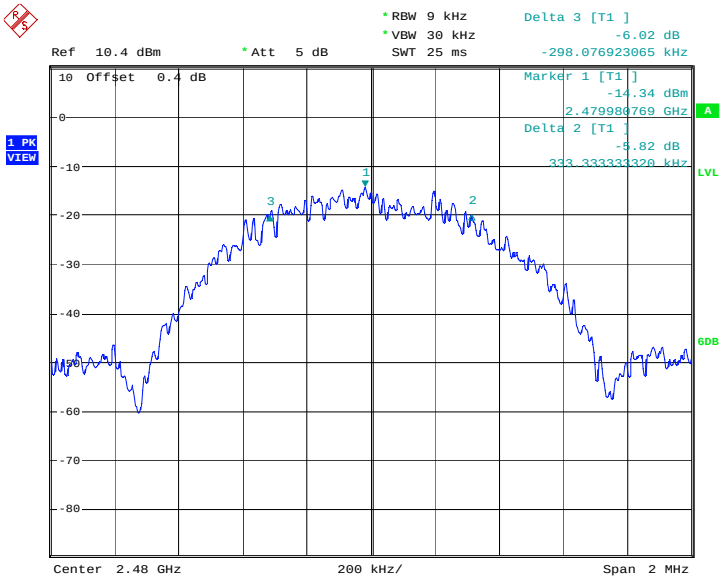


Fig.32. 6dB Bandwidth: GFSK, 2480 MHz

A.7. Maximum Power Spectral Density Level

Measurement Limit:

Standard	Limit
FCC 47 CFR Part 15.247(e)	<=8.0dBm

The measurement is made according to the section 5.3.1 of KDB 558074: Use the peak marker function of spectrum analyzer to determine the maximum power level in any 100 kHz band. Then Scale the observed power level to an equivalent value in 3 kHz by adjusting (reducing) the measured power by a bandwidth correction factor (BWCF) where BWCF = 10log (3 kHz/100kHz = -15.2 dB)

Measurement Results:

For GFSK

Frequency	Maximum Power Spectral Density Level(dBm)		Conclusion
2402MHz	Fig.33	-15.47	P
2440MHz	Fig.34	-16.34	P
2480MHz	Fig.35	-18.42	P

Test graphs as below:

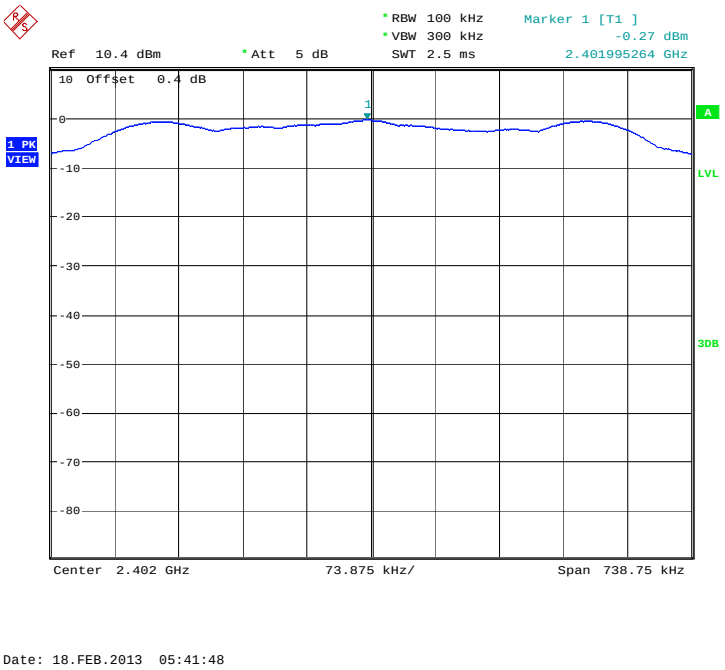


Fig.33. Maximum Power Spectral Density Level Function: GFSK, 2402 MHz

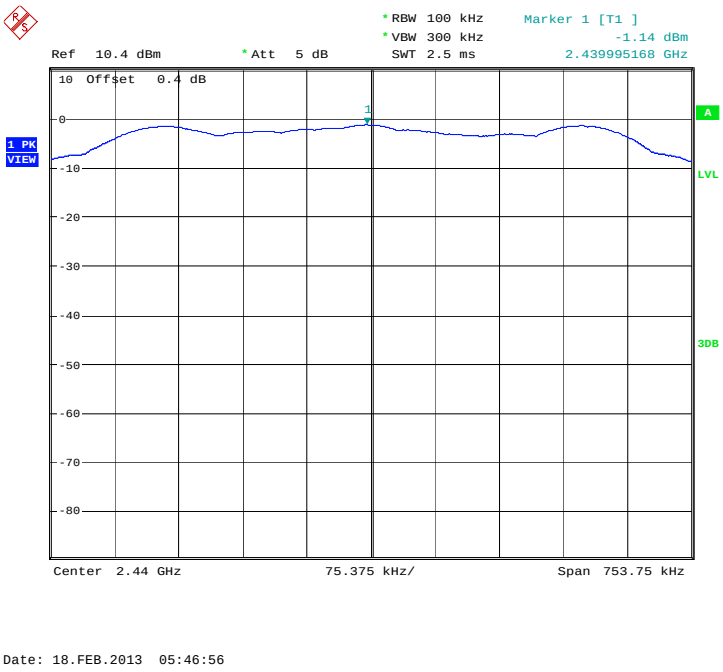


Fig.34. Maximum Power Spectral Density Level Function: GFSK, 2440 MHz

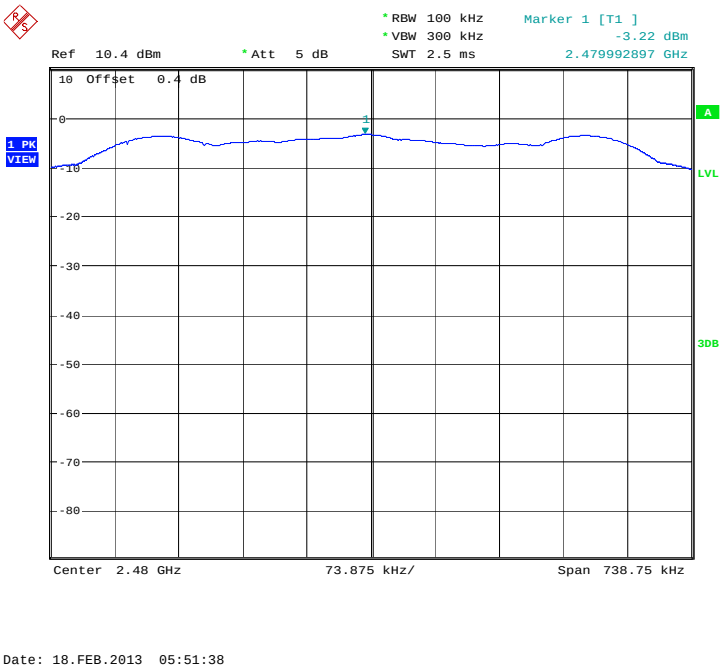


Fig.35. Maximum Power Spectral Density Level Function: GFSK, 2480 MHz

A.8. AC Powerline Conducted Emission

Test Condition

Voltage（V）	Frequency（Hz）
120	60

Measurement Result and limit:

Bluetooth (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Conclusion
0.15 to 0.5	66 to 56	P
0.5 to 5	56	
5 to 30	60	
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.		

Bluetooth (Average Limit)

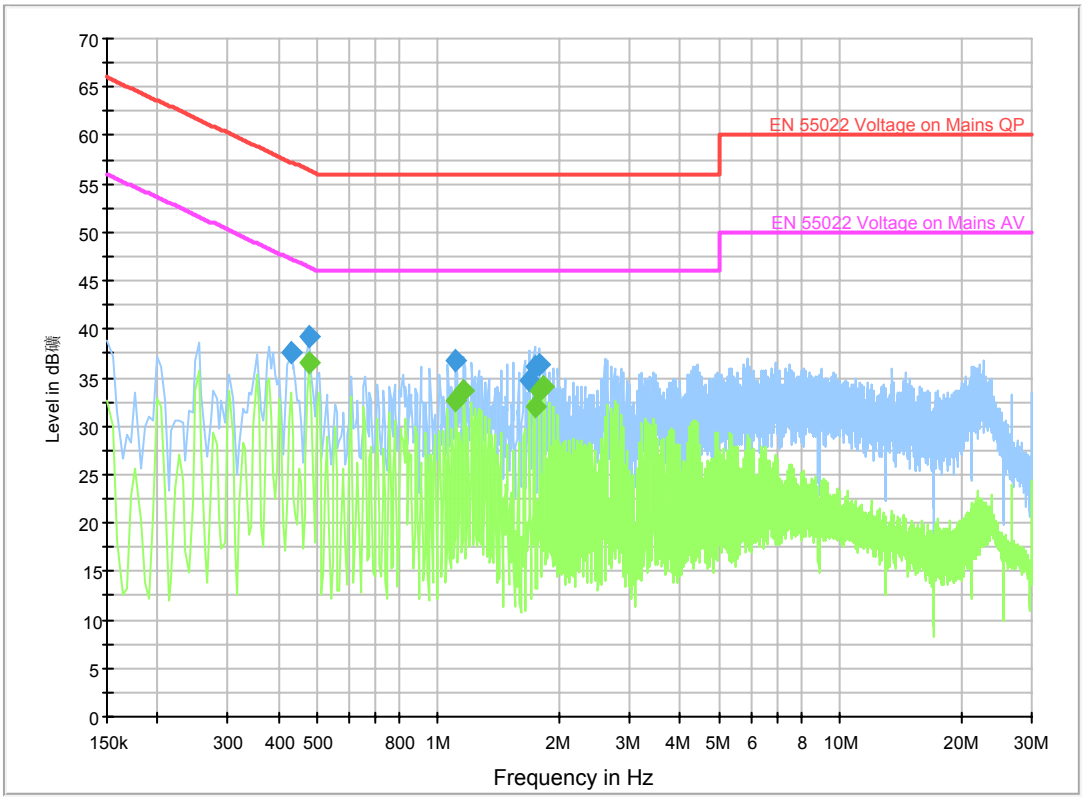
Frequency range (MHz)	Quasi-peak Limit (dBμV)	Conclusion
0.15 to 0.5	56 to 46	P
0.5 to 5	46	
5 to 30	50	
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.		

The measurement is made according to KDB 558074 and ANSI C63.10

Conclusion: PASS

Test graphs as below:

Traffic:

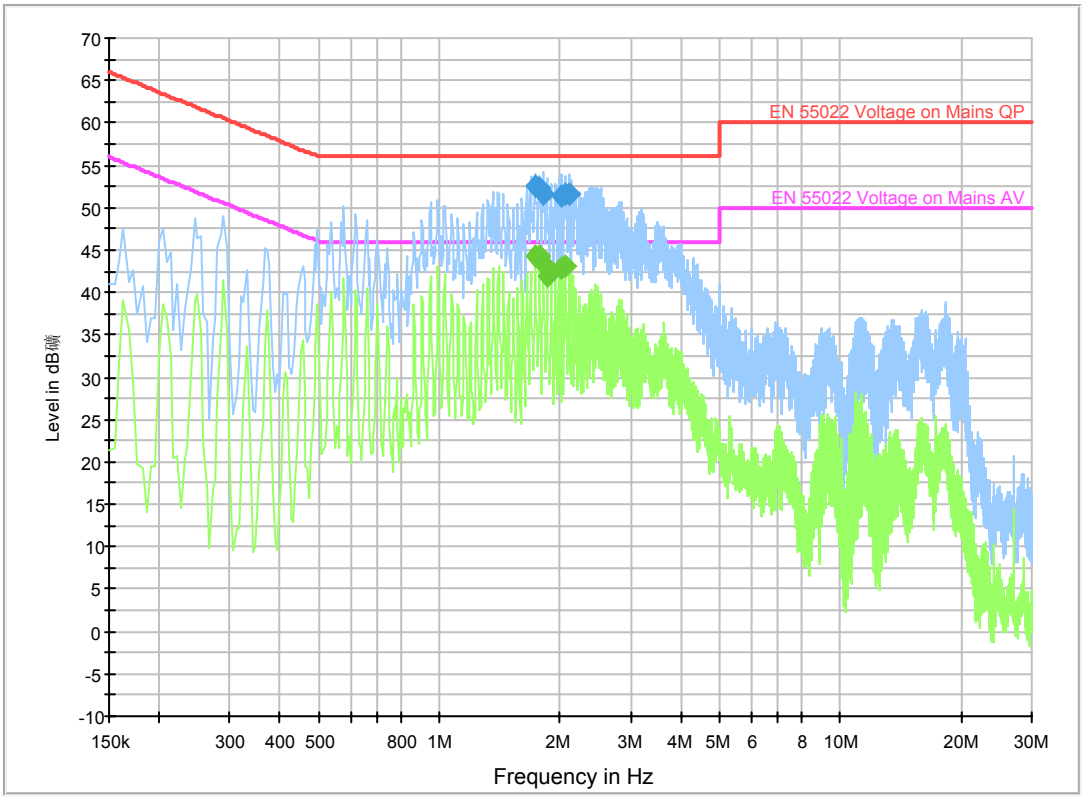


Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.429000	37.5	GND	L1	10.0	19.8	57.3
0.478500	39.2	GND	N	10.0	17.2	56.4
1.108500	36.7	GND	N	10.0	19.3	56.0
1.689000	34.7	GND	N	10.0	21.3	56.0
1.738500	36.0	GND	N	10.0	20.0	56.0
1.788000	36.3	GND	N	10.0	19.7	56.0

Final Result 2

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.478500	36.5	GND	N	10.0	9.8	46.4
1.108500	32.5	GND	N	10.0	13.5	46.0
1.158000	33.7	GND	N	10.0	12.3	46.0
1.738500	32.1	GND	N	10.0	13.9	46.0
1.788000	33.6	GND	N	10.0	12.4	46.0
1.837500	34.1	GND	N	10.0	12.0	46.0



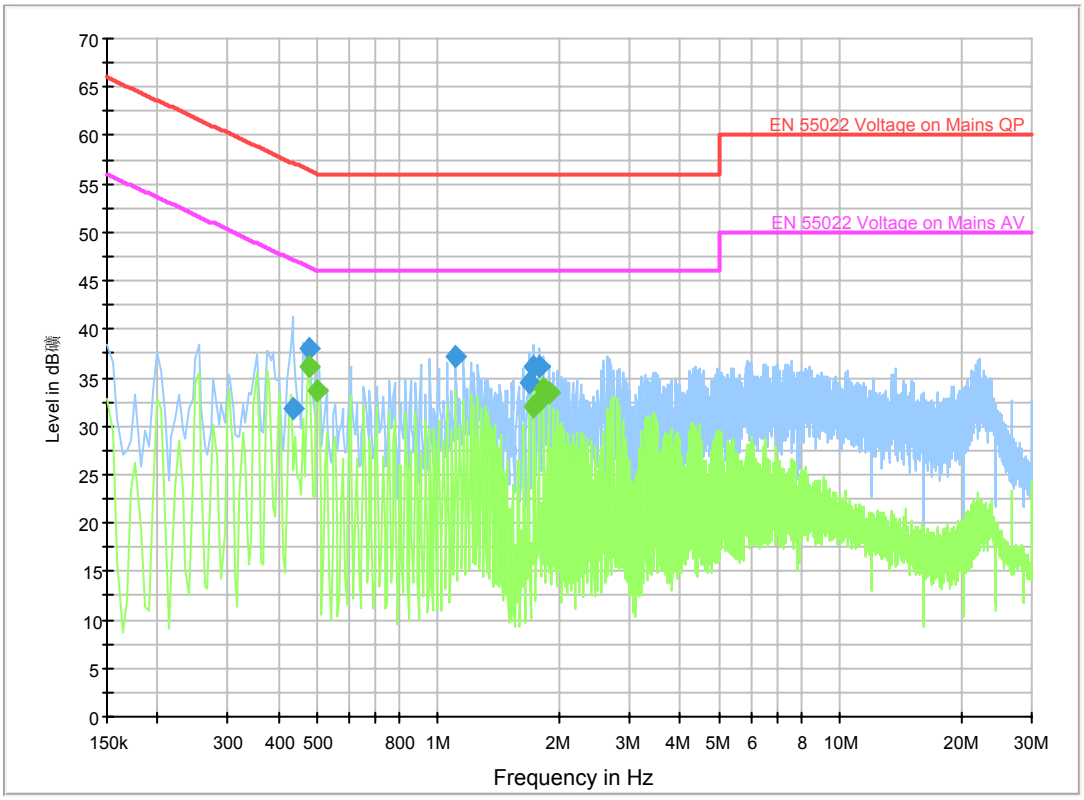
Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
1.734000	52.5	GND	L1	10.0	3.5	56.0
1.774500	52.4	GND	L1	10.0	3.6	56.0
1.815000	51.6	GND	L1	10.0	4.4	56.0
2.017500	51.3	GND	L1	10.0	4.7	56.0
2.062500	51.6	GND	L1	10.0	4.4	56.0
2.103000	51.5	GND	L1	10.0	4.5	56.0

Final Result 2

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
1.734000	44.3	GND	L1	10.0	1.7	46.0
1.774500	44.3	GND	L1	10.0	1.7	46.0
1.815000	43.4	GND	L1	10.0	2.6	46.0
1.855500	41.9	GND	L1	10.0	4.1	46.0
2.022000	42.8	GND	L1	10.0	3.2	46.0
2.062500	43.0	GND	L1	10.0	3.0	46.0

Idle:

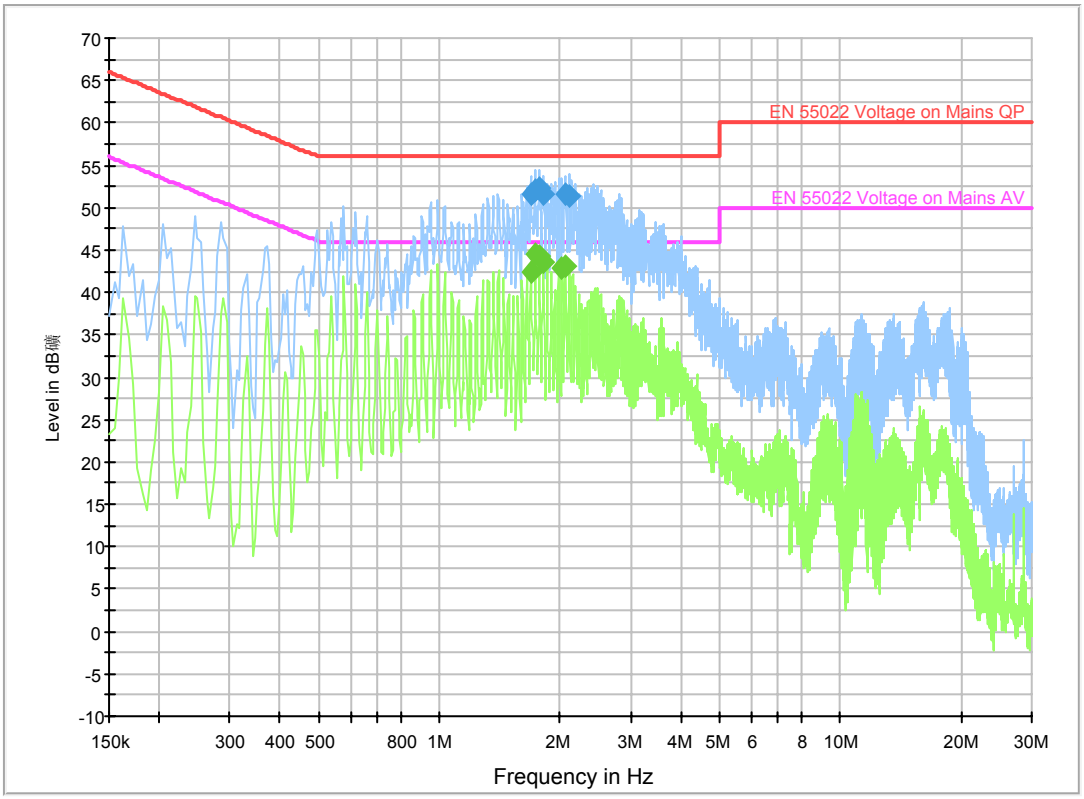


Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.433500	31.9	GND	N	10.0	25.3	57.2
0.478500	38.1	GND	L1	10.0	18.3	56.4
1.104000	37.2	GND	N	10.0	18.8	56.0
1.684500	34.4	GND	N	10.0	21.6	56.0
1.734000	36.1	GND	N	10.0	19.9	56.0
1.783500	36.1	GND	N	10.0	19.9	56.0

Final Result 2

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.478500	36.1	GND	L1	10.0	10.3	46.4
0.501000	33.7	GND	N	10.0	12.3	46.0
1.734000	32.0	GND	N	10.0	14.0	46.0
1.783500	32.6	GND	N	10.0	13.4	46.0
1.833000	33.9	GND	N	10.0	12.1	46.0
1.882500	33.5	GND	N	10.0	12.5	46.0



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
1.689000	51.6	GND	L1	10.0	4.4	56.0
1.729500	52.2	GND	L1	10.0	3.8	56.0
1.774500	52.3	GND	L1	10.0	3.7	56.0
1.815000	51.7	GND	L1	10.0	4.3	56.0
2.062500	51.7	GND	L1	10.0	4.3	56.0
2.103000	51.4	GND	L1	10.0	4.6	56.0

Final Result 2

Frequency (MHz)	Average (dBµV)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
1.693500	42.4	GND	L1	10.0	3.6	46.0
1.734000	44.5	GND	L1	10.0	1.5	46.0
1.774500	44.3	GND	L1	10.0	1.7	46.0
1.815000	43.5	GND	L1	10.0	2.5	46.0
2.022000	42.9	GND	L1	10.0	3.1	46.0
2.062500	43.2	GND	L1	10.0	2.8	46.0

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