

Report No.: KSCR211100023502

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# TEST REPORT

Application No.: KSCR2111000235AT

FCC ID: 2AYGCIRO-T10

Applicant: Honor Device Co., Ltd.

Address of Applicant: Suite 3401, Unit A, Building 6, Shum Yip Sky Park, No.8089, Hongli West

Road, Xiangmihu Street, Futian District, Shenzhen, Guangdong 518040.

People's Republic of China

Manufacturer: Honor Device Co., Ltd.

Address of Manufacturer: Suite 3401, Unit A, Building 6, Shum Yip Sky Park, No.8089, Hongli West

Road, Xiangmihu Street, Futian District, Shenzhen, Guangdong 518040,

People's Republic of China

**Equipment Under Test (EUT):** 

EUT Name: TWS Earbuds
Model No.: IRO-T10
Trade mark: HONOR

Standard(s): 47 CFR Part 15, Subpart C 15.247

**Date of Receipt:** 2021-11-08

**Date of Test:** 2021-11-10 to 2021-12-29

**Date of Issue:** 2021-12-31

Test Result: Pass\*

Eric Lin Laboratory Manager

Tom fin



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<sup>\*</sup> In the configuration tested, the EUT complied with the standards specified above.



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Revision Record						
Version Description Date Remark						
00	Original	2021-12-31	/			

Authorized for issue by:			
	Damon zhou		
	Damon Zhou / Project Engineer		
	Eria fri		
	Eric Lin / Reviewer	_	



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# 2 Test Summary

Radio Spectrum Technical Requirement							
Item	Standard	Method	Requirement	Result			
Antenna Requirement	47 CFR Part 15, Subpart C 15.247	N/A	47 CFR Part 15, Subpart C 15.203 & 15.247(b)(4)	Pass			

Radio Spectrum Matter Part					
Item	Standard	Method	Requirement	Result	
Minimum 6dB Bandwidth	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 11.8.1	47 CFR Part 15, Subpart C 15.247a(2)	Pass	
Conducted Peak Output Power	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 11.9.1	47 CFR Part 15, Subpart C 15.247(b)(3)	Pass	
Power Spectrum Density	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 11.10.2	47 CFR Part 15, Subpart C 15.247(e)	Pass	
Conducted Band Edges Measurement	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 11.13.3.2	47 CFR Part 15, Subpart C 15.247(d)	Pass	
Conducted Spurious Emissions	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 11.11	47 CFR Part 15, Subpart C 15.247(d)	Pass	
Radiated Emissions which fall in the restricted bands	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 6.10.5	47 CFR Part 15, Subpart C 15.205 & 15.209	Pass	
Radiated Spurious Emissions	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 6.4,6.5,6.6	47 CFR Part 15, Subpart C 15.205 & 15.209	Pass	



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# 4 General Information

# 4.1 Details of E.U.T.

Power supply: DC 3.87V by rechargeable lithium battery

Test voltage: DC 3.87V

Antenna Gain: Antenna Left:-1dBi(Provided by manufacturer)

Antenna Right:-2dBi(Provided by manufacturer)

Antenna Type: Antenna Left:LDS antenna,

Antenna Right:LDS antenna

Bluetooth Version: V5.2 Dual mode

Channel Spacing: 2MHz
Modulation Type: GFSK
Number of Channels: 40

Operation Frequency: 2402MHz to 2480MHz

# 4.2 Power level setting using in test:

Channel	BLE 1M	BLE 2M
0	Default	Default
19	Default	Default
39	Default	Default

# 4.3 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
BQB	/	/	/
DC Power Supply	Agilent	E3632A	/
Laptop	Lenovo	ThinkPad X100e	/
Serial port adapter plate	/	Test Plate 3	/
SSCOM	/	/	/



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# 4.4 EUT Test Configurations

Configurations	Config A	Config B	Config C
Earbuds Battery	Earbuds Battery 2	Earbuds Battery 3	Earbuds Battery 1

4.4.1 Details of Configurations

4.4.1 Details of Configurations					
	Model	HB1054EFW			
Forbudo Pottony 1	Normal Voltage	3.87V			
Earbuds Battery 1	Rated capacity	42mAh			
	Manufacturer	Shenzhen BYD Lithium Battery Company Limited			
	Model	HB1054EFW			
Earbuds Battery 2	Normal Voltage	3.87V			
Earbuds Ballery 2	Rated capacity	42mAh			
	Manufacturer	ZHUHAI COSMX BATTERY CO., LTD.			
	Model	HB1054EFW			
Forbudo Bottom 2	Normal Voltage	3.87V			
Earbuds Battery 3	Rated capacity	42mAh			
	Manufacturer	Ningde Amperex Technology Limited			



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# 4.5 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	8.4 x 10 <sup>-8</sup>
2	Timeout	2s
3	Duty Cycle	0.37%
4	Occupied Bandwidth	3%
5	RF Conducted Power	0.6dB
6	RF Power Density	2.9dB
7	Conducted Spurious Emissions	0.75dB
0	DE Dadiated Dawer	5.2dB (Below 1GHz)
8	RF Radiated Power	5.9dB (Above 1GHz)
		4.2dB (Below 30MHz)
0	Dedicted Courieus Emissies Test	4.5dB (30MHz-1GHz)
9	Radiated Spurious Emission Test	5.1dB (1GHz-18GHz)
		5.4dB (Above 18GHz)
10	Temperature Test	1°C
11	Humidity Test	3%
12	Supply Voltages	1.5%
13	Time	3%

Note: The measurement uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.



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#### 4.6 Test Location

All tests were performed at:

Compliance Certification Services (Kunshan) Inc.

No.10 Weiye Rd, Innovation park, Eco&Tec, Development Zone, Kunshan City, Jiangsu, China.

Tel: +86 512 5735 5888 Fax: +86 512 5737 0818

No tests were sub-contracted.

# 4.7 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

#### • CNAS (No. CNAS L4354)

CNAS has accredited Compliance Certification Services (Kunshan) Inc. to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

#### • A2LA (Certificate No. 2541.01)

Compliance Certification Services (Kunshan) Inc. is accredited by the American Association for Laboratory Accreditation (A2LA). Certificate No. 2541.01.

#### • FCC (Designation Number: CN1172)

Compliance Certification Services Inc. has been recognized as an accredited testing laboratory.

Designation Number: CN1172.

# • ISED (CAB identifier: CN0072)

Compliance Certification Services (Kunshan) Inc. has been recognized by Innovation, Science and Economic Development Canada (ISED) as an accredited testing laboratory.

Company Number: 2324E

#### VCCI (Member No.: 1938)

The 3m and 10m Semi-anechoic chamber and Shielded Room of Compliance Certification Services (Kunshan) Inc. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-20134, R-11600, C-11707, T-11499, G-10216 respectively.

#### 4.8 Deviation from Standards

None

# 4.9 Abnormalities from Standard Conditions

None



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# 5 Equipment List

Item	Equipment	Manufacturer	Model	Serial Number	Cal Date	Cal. Due Date
Conducted Emission at Mains Terminals (150kHz-30MHz)						
1	EMI Test Receive	R&S	ESCI	100781	02/01/2021	01/31/2022
2	LISN	R&S	ENV216	101604	10/12/2021	10/11/2022
3	LISN	Schwarzbeck	NNLK 8129	8129-143	10/12/2021	10/11/2022
4	Pulse Limiter	R&S	ESH3-Z2	100609	02/01/2021	01/31/2022
5	CE test Cable	Thermax	/	14	10/16/2021	10/15/2022
6	Test Software	Farad	EZ-EMC	CCS-03A1	N.C.R	N.C.R
RF (	Conducted Test					
1	Spectrum Analyzer	Agilent	E4446A	MY44020154	04/16/2021	04/15/2022
2	Spectrum Analyzer	Keysight	N9020A	MY55370209	10/11/2021	10/10/2022
3	Spectrum Analyzer	Keysight	N9010A	MY56480443	02/01/2021	01/31/2022
4	Signal Generator	Agilent	N5182A	MY50142015	08/27/2021	08/26/2022
5	Radio Communication Test Station	Anritsu	MT8000A	6262012849	N/A	N/A
6	Radio Communication Analyzer	Anritsu	MT8821C	6201692222	N/A	N/A
7	Universal Radio Communication Tester	R&S	CMW500	159275	10/12/2021	10/11/2022
8	Universal Radio Communication Tester	R&S	CMW500	167239	04/16/2021	04/15/2022
9	Power Meter	Anritsu	ML2495A	1445010	04/15/2021	04/14/2022
10	Switcher	CCSRF	FY562	KUS2001M001 -3	10/12/2021	10/11/2022
11	AC Power Source	EXTECH	6605	1570106	N.C.R	N.C.R
12	DC Power Supply	Aglient	E3632A	MY50340053	N.C.R	N.C.R
13	6dB Attenuator	Mini-Circuits	NAT-6-2W	15542-1	N.C.R	N.C.R
14	Power Divider	AISI	IOWOPE2068	PE2068	N.C.R	N.C.R
15	Filter	MICRO-TRONICS	BRM50701	5	N.C.R	N.C.R
16	Conducted test cable	/	RF01-RF04	/	04/15/2021	04/14/2022
17	Software	BST	TST-PASS	N/A	N/A	N/A
18	Temp. / Humidity Chamber	TERCHY	MHK-120AK	X30109	04/15/2021	04/14/2022
19	Thermometer	Anymetre	TH603	CCS007	10/14/2021	10/13/2022
RF R	adiated Test					
1	Spectrum Analyzer	R&S	FSV40	101493	10/11/2021	10/10/2022
2	Signal Generator	Agilent	E8257C	MY43321570	10/18/2021	10/17/2022
3	Loop Antenna	Schwarzbeck	HXYZ9170	9170-108	02/22/2021	02/21/2022
4	Bilog Antenna	TESEQ	CBL 6112D	35403	06/21/2021	06/20/2023
5	Bilog Antenna	SCHWARZBECK	VULB9160	9160-3342	04/13/2021	04/12/2023
6	Horn-antenna(1-18GHz)	Schwarzbeck	BBHA9120D	267	10/26/2020	10/25/2022
7	Horn-antenna(1-18GHz)	ETS-LINDGREN	3117	00143290	02/22/2021	02/21/2023
8	Horn Antenna(18-40GHz)	Schwarzbeck	BBHA9170	BBHA9170171	02/22/2021	02/21/2022
9	Pre-Amplifier(30MHz~18GHz)	LNA	/	/	04/15/2021	04/14/2022
10	Amplifier(18~40GHz)	COM-POWER	PAM-840A	461332	10/18/2021	10/17/2022
11	Low Pass Filter	MICRO-TRONICS	VLFX-950	RV142900829	N.C.R	N.C.R
12	High Pass Filter	Mini-Circuits	VHF-1200	15542	N.C.R	N.C.R
13	Filter (5450MHz~5770 MHz)	MICRO-TRONICS	BRC50704-01	2	N.C.R	N.C.R
14	Filter (5690 MHz~5930 MHz)	MICRO-TRONICS	BRC50705-01	4	N.C.R	N.C.R



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15	Filter (5150 MHz~5350 MHz)	MICRO-TRONICS	BRC50703-01	2	N.C.R	N.C.R
16	Filter (885 MHz~915 MHz)	MICRO-TRONICS	BRM14698	1	N.C.R	N.C.R
17	Filter (815 MHz~860 MHz)	MICRO-TRONICS	BRM14697	1	N.C.R	N.C.R
18	Filter (1745 MHz $\sim$ 1910 MHz)	MICRO-TRONICS	BRM14700	1	N.C.R	N.C.R
19	Filter (1922 MHz $\sim$ 1977 MHz)	MICRO-TRONICS	BRM50715	1	N.C.R	N.C.R
20	Filter (2550 MHz)	MICRO-TRONICS	HPM13362	5	N.C.R	N.C.R
21	Filter (1532 MHz $\sim$ 1845 MHz)	MICRO-TRONICS	BRM50713	1	N.C.R	N.C.R
22	Filter (2.4GHz)	MICRO-TRONICS	BRM50701	5	N.C.R	N.C.R
23	RE test cable	/	RE01-RE04	/	04/15/2021	04/14/2022
24	Software	Faratronic	EZ_EMC-v 3A1	N/A	N/A	N/A



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# 6 Radio Spectrum Technical Requirement

# 6.1 Antenna Requirement

# 6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203 & 15.247(b)(4)

#### 6.1.2 Conclusion

# Standard Requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

# 15.247(b) (4) requirement:

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### **EUT Antenna:**

The antenna is LDS Antenna integrated on the main PCB and no consideration of replacement. The best case gain of the antenna Left is -1dBi, antenna riRight is -2dBi.

Antenna location: Refer to Appendix (Internal Photos)



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# 7 Radio Spectrum Matter Test Results

#### 7.1 Minimum 6dB Bandwidth

Test Requirement 47 CFR Part 15, Subpart C 15.247a(2)
Test Method: ANSI C63.10 (2013) Section 11.8.1

Limit: ≥500 kHz

#### 7.1.1 E.U.T. Operation

**Operating Environment:** 

Temperature: 24 °C Humidity: 50 % RH Atmospheric Pressure: 1010 mbar

Test mode c:Config A\_TX mode\_BLE 1M\_Keep the EUT in continuously transmitting mode

with GFSK modulation

d:Config A\_TX mode\_BLE 2M\_Keep the EUT in continuously transmitting mode

with GFSK modulation

#### 7.1.2 Test Setup Diagram

# Spectrum Analyzer E.U.T Non-Conducted Table

# Ground Reference Plane

#### 7.1.3 Measurement Procedure and Data

The detailed test data see: Appendix C for KSCR211100023502-BLE-L Appendix D for KSCR211100023502-BLE-R



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# 7.2 Conducted Peak Output Power

Test Requirement 47 CFR Part 15, Subpart C 15.247(b)(3)
Test Method: ANSI C63.10 (2013) Section 11.9.1

Limit:

Frequency range(MHz)	Output power of the intentional radiator(watt)				
	1 for ≥50 hopping channels				
902-928	0.25 for 25≤ hopping channels <50				
	1 for digital modulation				
	1 for ≥75 non-overlapping hopping channels				
2400-2483.5	0.125 for all other frequency hopping systems				
	1 for digital modulation				
5725-5850	1 for frequency hopping systems and digital modulatio				



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#### 7.2.1 E.U.T. Operation

**Operating Environment:** 

Temperature: 24 °C Humidity: 50 % RH Atmospheric Pressure: 1010 mbar

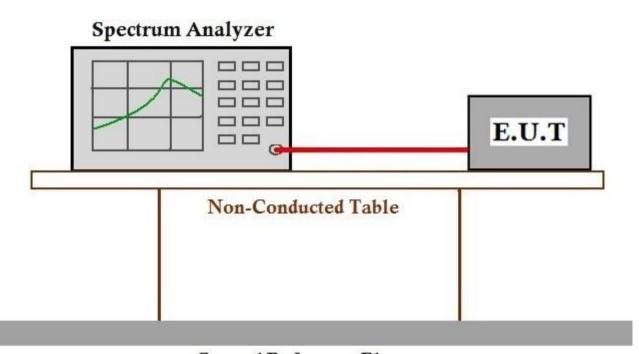
Test mode c:Config A\_TX mode\_BLE 1M\_Keep the EUT in continuously transmitting mode

with GFSK modulation

d:Config A\_TX mode\_BLE 2M\_Keep the EUT in continuously transmitting mode

with GFSK modulation

#### 7.2.2 Test Setup Diagram



# **Ground Reference Plane**

#### 7.2.3 Measurement Procedure and Data

The detailed test data see: Appendix C for KSCR211100023502-BLE-L Appendix D for KSCR211100023502-BLE-R



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# 7.3 Power Spectrum Density

Test Requirement 47 CFR Part 15, Subpart C 15.247(e)
Test Method: ANSI C63.10 (2013) Section 11.10.2

Limit: ≤8dBm in any 3 kHz band during any time interval of continuous

transmission

#### 7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 24 °C Humidity: 50 % RH Atmospheric Pressure: 1010 mbar

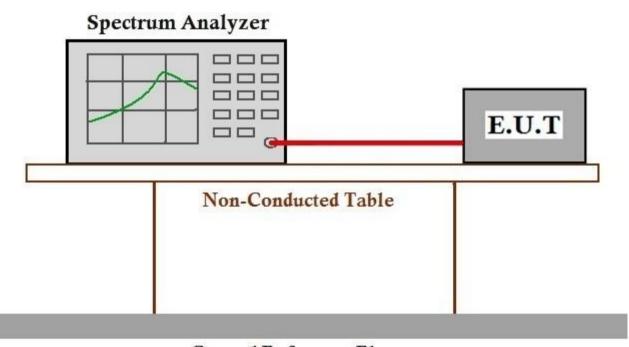
Test mode c:Config A\_TX mode\_BLE 1M\_Keep the EUT in continuously transmitting mode

with GFSK modulation

d:Config A TX mode BLE 2M Keep the EUT in continuously transmitting mode

with GFSK modulation

#### 7.3.2 Test Setup Diagram



# Ground Reference Plane

#### 7.3.3 Measurement Procedure and Data

The detailed test data see: Appendix C for KSCR211100023502-BLE-L Appendix D for KSCR211100023502-BLE-R



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# 7.4 Conducted Band Edges Measurement

Test Requirement 47 CFR Part 15, Subpart C 15.247(d)
Test Method: ANSI C63.10 (2013) Section 11.13.3.2

Limit:

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. 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)



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#### 7.4.1 E.U.T. Operation

**Operating Environment:** 

Temperature: 24 °C Humidity: 50 % RH Atmospheric Pressure: 1010 mbar

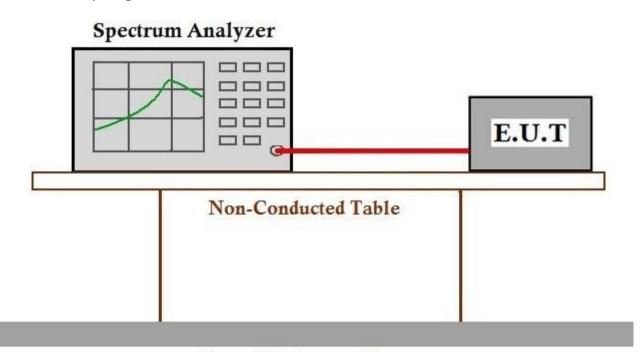
Test mode c:Config A\_TX mode\_BLE 1M\_Keep the EUT in continuously transmitting mode

with GFSK modulation

d:Config A\_TX mode\_BLE 2M\_Keep the EUT in continuously transmitting mode

with GFSK modulation

#### 7.4.2 Test Setup Diagram



# **Ground Reference Plane**

#### 7.4.3 Measurement Procedure and Data

The detailed test data see: Appendix C for KSCR211100023502-BLE-L Appendix D for KSCR211100023502-BLE-R



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# 7.5 Conducted Spurious Emissions

Test Requirement 47 CFR Part 15, Subpart C 15.247(d)
Test Method: ANSI C63.10 (2013) Section 11.11

§15.209(a) (see §15.205(c)

Limit:

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. 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



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#### 7.5.1 E.U.T. Operation

**Operating Environment:** 

Temperature: 24 °C Humidity: 50 % RH Atmospheric Pressure: 1010 mbar

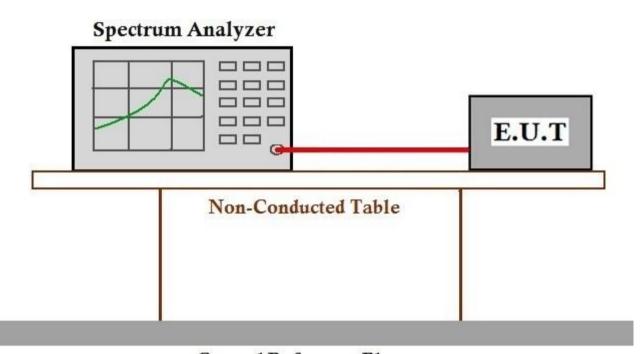
Test mode c:Config A\_TX mode\_BLE 1M\_Keep the EUT in continuously transmitting mode

with GFSK modulation

d:Config A\_TX mode\_BLE 2M\_Keep the EUT in continuously transmitting mode

with GFSK modulation

#### 7.5.2 Test Setup Diagram



# **Ground Reference Plane**

#### 7.5.3 Measurement Procedure and Data

The detailed test data see: Appendix C for KSCR211100023502-BLE-L Appendix D for KSCR211100023502-BLE-R



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# 7.6 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.205 & 15.209

Test Method: ANSI C63.10 (2013) Section 6.10.5

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
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

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.



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#### 7.6.1 E.U.T. Operation

**Operating Environment:** 

Temperature: 24 °C Humidity: 50 % RH Atmospheric Pressure: 1010 mbar Pretest these c:Config A\_TX mode\_BLE 1M\_Keep the EUT in continuously transmitting mode

Pretest these c:Config A\_TX mode\_BLE 1M\_ modes to find with GFSK modulation

the worst case: d:Config A\_TX mode\_BLE 2M\_Keep the EUT in continuously transmitting mode

with GFSK modulation

g:Config B\_TX mode\_BLE 1M\_Keep the EUT in continuously transmitting mode

with GFSK modulation

h:Config B\_TX mode\_BLE 2M\_Keep the EUT in continuously transmitting mode

with GFSK modulation

k:Config C TX mode BLE 1M Keep the EUT in continuously transmitting mode

with GFSK modulation

I:Config C\_TX mode\_BLE 2M\_Keep the EUT in continuously transmitting mode

with GFSK modulation

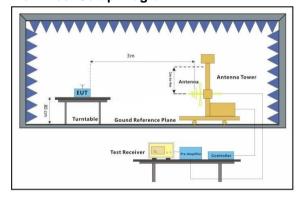
The worst case

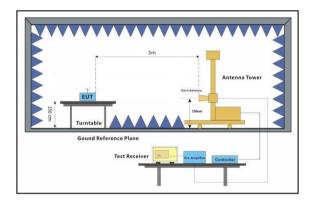
for final test: with GFSK modulation

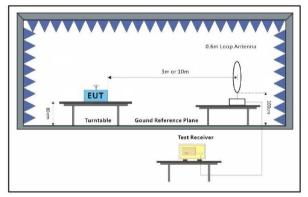
c:Config A\_TX mode\_BLE 1M\_Keep the EUT in continuously transmitting mode

d:Config A\_TX mode\_BLE 2M\_Keep the EUT in continuously transmitting mode with GFSK modulation

#### 7.6.2 Test Setup Diagram









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#### 7.6.3 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Remark 2: For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.



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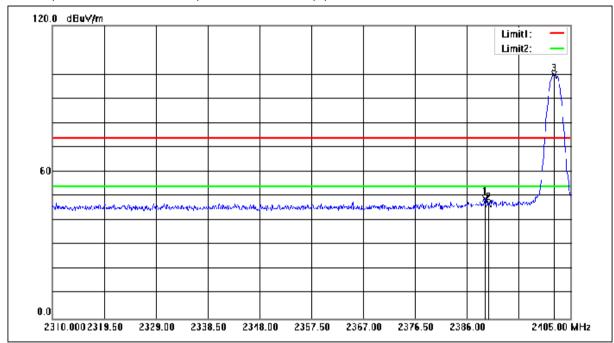


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Left:

Mode:c; Polarization:Horizontal; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2389.325	63.09	-14.01	49.08	74.00	-24.92	peak
2	2390.000	61.04	-14.01	47.03	74.00	-26.97	peak
3	2402.055	113.65	-13.97	99.68	74.00	25.68	peak



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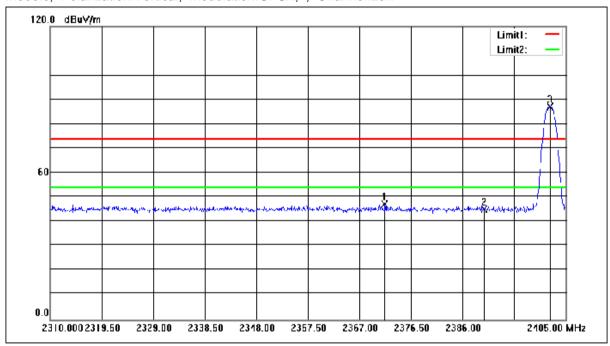
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Mode:c; Polarization:Vertical; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction		Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2371.655	61.33	-14.07	47.26	74.00	-26.74	peak
2	2390.000	59.21	-14.01	45.20	74.00	-28.80	peak
3	2402.150	101.03	-13.97	87.06	74.00	13.06	peak



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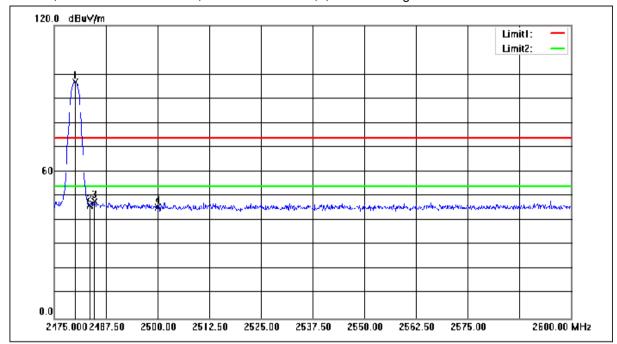
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Mode:c; Polarization:Horizontal; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2480.000	110.42	-13.71	96.71	74.00	22.71	peak
2	2483.500	59.91	-13.71	46.20	74.00	-27.80	peak
3	2484.750	61.45	-13.70	47.75	74.00	-26.25	peak
4	2500.000	58.99	-13.64	45.35	74.00	-28.65	peak



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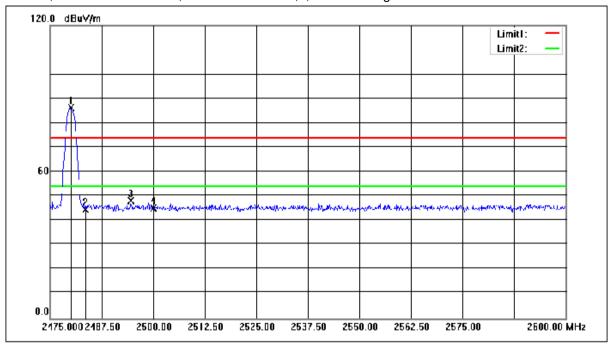
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Mode:c; Polarization:Vertical; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2480.000	99.86	-13.71	86.15	74.00	12.15	peak
2	2483.500	58.38	-13.71	44.67	74.00	-29.33	peak
3	2494.500	61.72	-13.67	48.05	74.00	-25.95	peak
4	2500.000	58.71	-13.64	45.07	74.00	-28.93	peak



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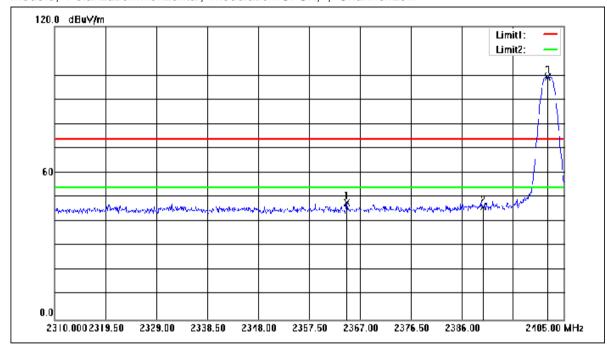
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#### Mode:d; Polarization:Horizontal; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2364.530	61.90	-14.08	47.82	74.00	-26.18	peak
2	2390.000	59.93	-14.01	45.92	74.00	-28.08	peak
3	2402.055	113.26	-13.97	99.29	74.00	25.29	peak



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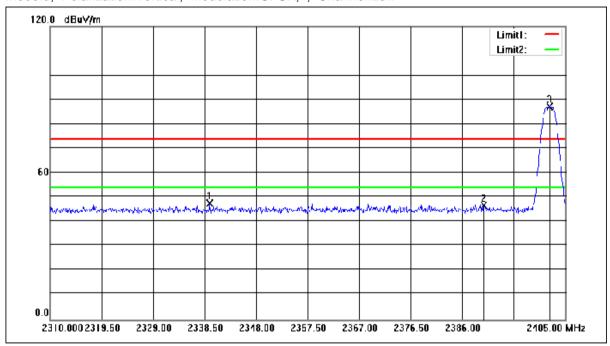
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Mode:d; Polarization:Vertical; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2339.450	61.63	-14.17	47.46	74.00	-26.54	peak
2	2390.000	60.58	-14.01	46.57	74.00	-27.43	peak
3	2402.150	101.10	-13.97	87.13	74.00	13.13	peak



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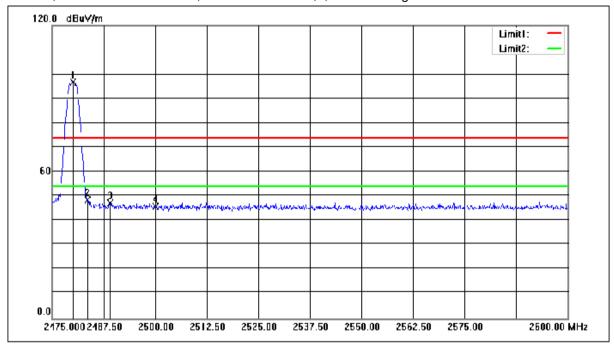
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#### Mode:d; Polarization:Horizontal; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2480.000	110.34	-13.71	96.63	74.00	22.63	peak
2	2483.500	62.09	-13.71	48.38	74.00	-25.62	peak
3	2489.125	60.90	-13.68	47.22	74.00	-26.78	peak
4	2500.000	59.31	-13.64	45.67	74.00	-28.33	peak



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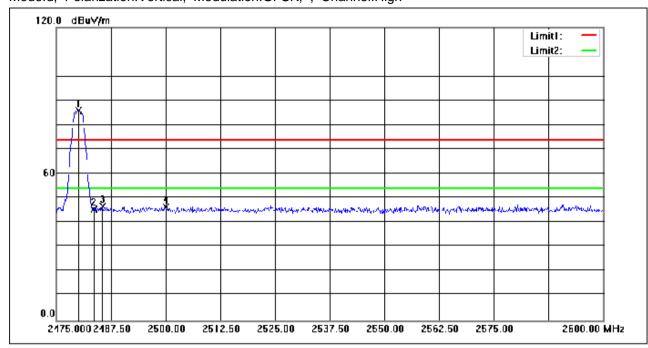
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Mode:d; Polarization:Vertical; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2480.000	99.74	-13.71	86.03	74.00	12.03	peak
2	2483.500	59.18	-13.71	45.47	74.00	-28.53	peak
3	2485.500	60.32	-13.70	46.62	74.00	-27.38	peak
4	2500.000	59.96	-13.64	46.32	74.00	-27.68	peak



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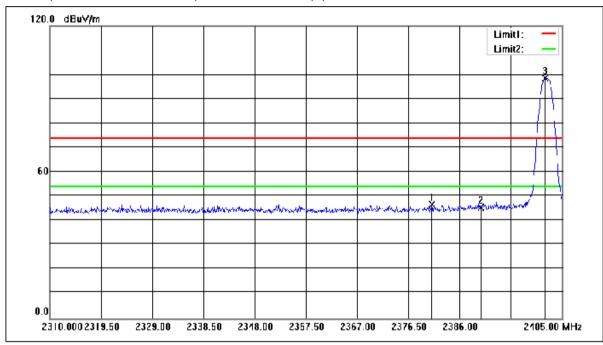


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# Right:

Mode:c; Polarization:Horizontal; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2380.870	60.56	-14.03	46.53	74.00	-27.47	peak
2	2390.000	59.59	-14.01	45.58	74.00	-28.42	peak
3	2401.865	112.54	-13.98	98.56	74.00	24.56	peak



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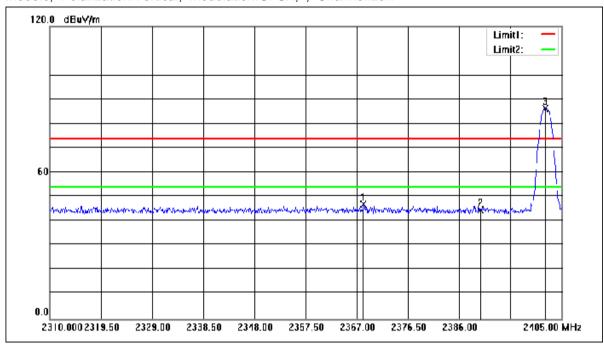
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Report No.: KSCR211100023502

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Mode:c; Polarization:Vertical; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2368.235	61.10	-14.08	47.02	74.00	-26.98	peak
2	2390.000	58.54	-14.01	44.53	74.00	-29.47	peak
3	2402.055	100.30	-13.97	86.33	74.00	12.33	peak



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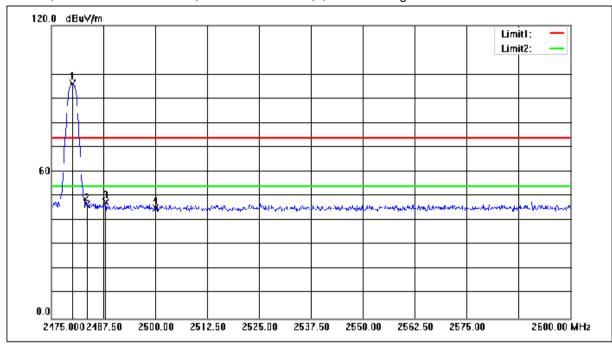
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Mode:c; Polarization:Horizontal; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2480.000	109.82	-13.71	96.11	74.00	22.11	peak
2	2483.500	60.44	-13.71	46.73	74.00	-27.27	peak
3	2488.125	61.30	-13.69	47.61	74.00	-26.39	peak
4	2500.000	58.77	-13.64	45.13	74.00	-28.87	peak



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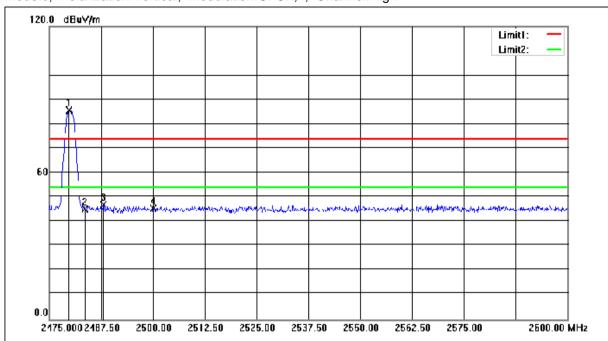
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Mode:c; Polarization:Vertical; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2479.750	99.28	-13.71	85.57	74.00	11.57	peak
2	2483.500	58.82	-13.71	45.11	74.00	-28.89	peak
3	2488.125	60.53	-13.69	46.84	74.00	-27.16	peak
4	2500.000	59.11	-13.64	45.47	74.00	-28.53	peak



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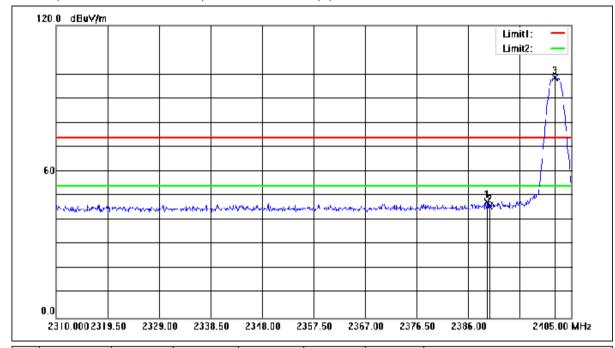
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# Mode:d; Polarization:Horizontal; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2389.515	61.62	-14.01	47.61	74.00	-26.39	peak
2	2390.000	59.69	-14.01	45.68	74.00	-28.32	peak
3	2402.055	112.44	-13.97	98.47	74.00	24.47	peak



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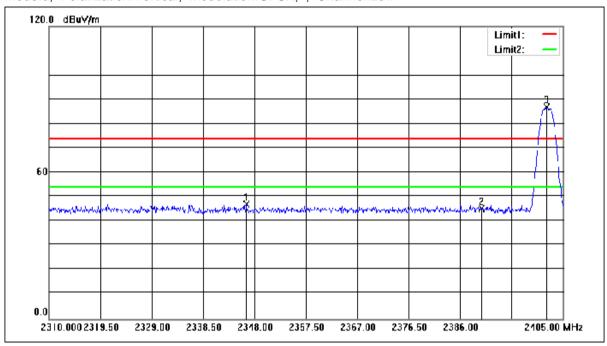
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Mode:d; Polarization:Vertical; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2346.480	61.22	-14.14	47.08	74.00	-26.92	peak
2	2390.000	59.05	-14.01	45.04	74.00	-28.96	peak
3	2402.055	100.68	-13.97	86.71	74.00	12.71	peak



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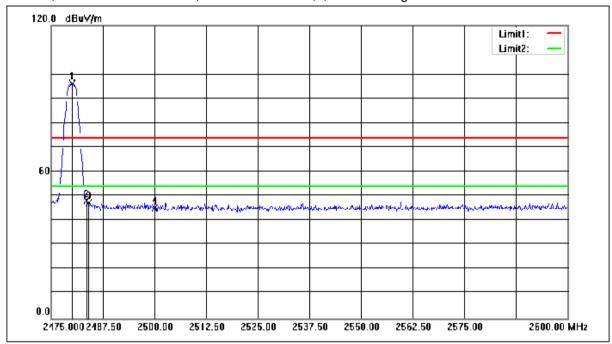
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#### Mode:d; Polarization:Horizontal; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2480.000	109.87	-13.71	96.16	74.00	22.16	peak
2	2483.500	61.89	-13.71	48.18	74.00	-25.82	peak
3	2484.125	61.03	-13.70	47.33	74.00	-26.67	peak
4	2500.000	58.78	-13.64	45.14	74.00	-28.86	peak



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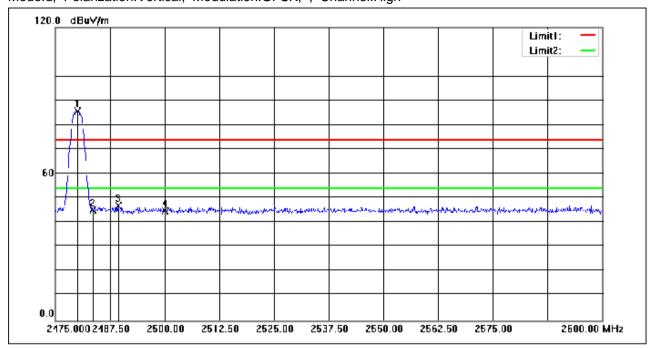
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Mode:d; Polarization:Vertical; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	2480.000	99.34	-13.71	85.63	74.00	11.63	peak
2	2483.500	58.84	-13.71	45.13	74.00	-28.87	peak
3	2489.375	60.66	-13.68	46.98	74.00	-27.02	peak
4	2500.000	58.61	-13.64	44.97	74.00	-29.03	peak



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# 7.7 Radiated Spurious Emissions

Test Requirement 47 CFR Part 15, Subpart C 15.205 & 15.209
Test Method: ANSI C63.10 (2013) Section 6.4,6.5,6.6

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
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

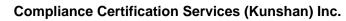
Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.



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#### 7.7.1 E.U.T. Operation

**Operating Environment:** 

Temperature: 24 °C Humidity: 50 % RH Atmospheric Pressure: 1010 mbar

Test mode c:Config A\_TX mode\_BLE 1M\_Keep the EUT in continuously transmitting mode

with GFSK modulation

d:Config A\_TX mode\_BLE 2M\_Keep the EUT in continuously transmitting mode

with GFSK modulation

g:Config B\_TX mode\_BLE 1M\_Keep the EUT in continuously transmitting mode

with GFSK modulation

h:Config B\_TX mode\_BLE 2M\_Keep the EUT in continuously transmitting mode

with GFSK modulation

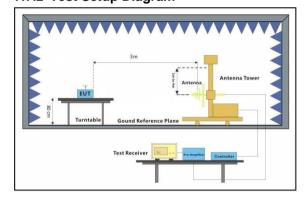
k:Config C TX mode BLE 1M Keep the EUT in continuously transmitting mode

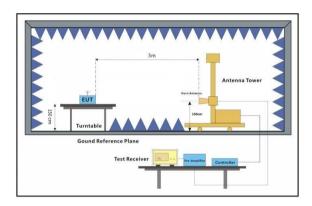
with GFSK modulation

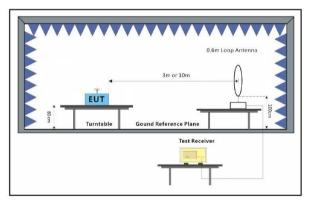
I:Config C\_TX mode\_BLE 2M\_Keep the EUT in continuously transmitting mode

with GFSK modulation

#### 7.7.2 Test Setup Diagram









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#### 7.7.3 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j. Repeat above procedures until all frequencies measured was complete.

#### Remark:

- 1) For emission below 1GHz, through pre-scan found the worst case is the lowest channel. Only the worst case is recorded in the report.
- 2) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading + Antenna Factor + Cable Factor - Preamplifier Factor

- 3) Scan from 9kHz to 25GHz, the disturbance above 18GHz and below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
- 4) For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.



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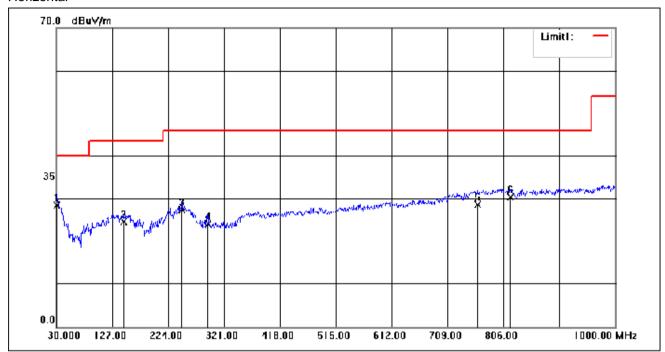


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# 30MHz~1GHz





No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.0000	2.58	25.93	28.51	40.00	-11.49	QP
2	147.3700	4.61	20.05	24.66	43.50	-18.84	QP
3	248.2500	8.18	19.21	27.39	46.00	-18.61	QP
4	292.8700	3.62	20.43	24.05	46.00	-21.95	QP
5	761.3800	1.08	27.56	28.64	46.00	-17.36	QP
6	818.6100	2.36	27.92	30.28	46.00	-15.72	QP



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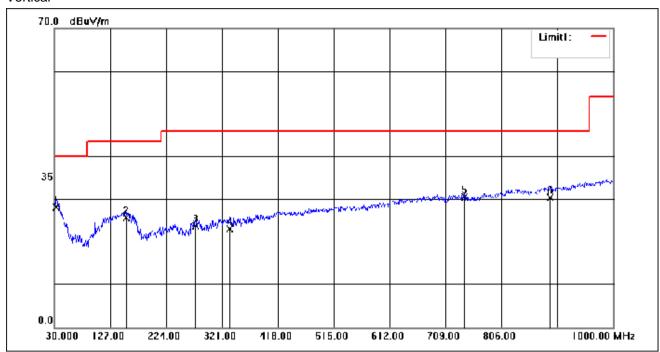
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#### Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	32.9100	3.86	24.27	28.13	40.00	-11.87	QP
2	154.1600	5.84	19.82	25.66	43.50	-17.84	QP
3	275.4100	3.68	19.98	23.66	46.00	-22.34	QP
4	334.5800	1.22	21.84	23.06	46.00	-22.94	QP
5	741.9800	3.00	27.48	30.48	46.00	-15.52	QP
6	890.3900	1.89	28.56	30.45	46.00	-15.55	QP



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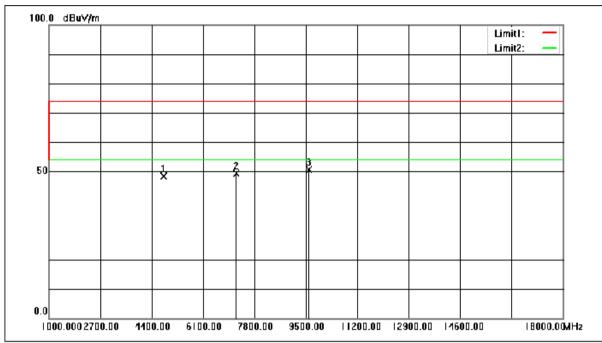
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Left:

Above 1GHz

Mode:c; Polarization:Horizontal; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4804.000	57.21	-8.86	48.35	74.00	-25.65	peak
2	7206.000	55.31	-5.89	49.42	74.00	-24.58	peak
3	9608.000	51.87	-1.26	50.61	74.00	-23.39	peak



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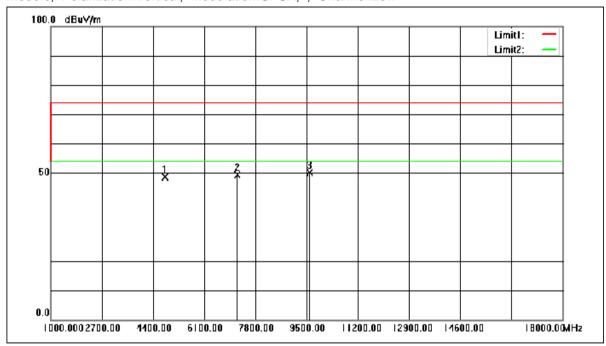
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Mode:c; Polarization:Vertical; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4804.000	57.45	-8.86	48.59	74.00	-25.41	peak
2	7206.000	55.27	-5.89	49.38	74.00	-24.62	peak
3	9608.000	51.50	-1.26	50.24	74.00	-23.76	peak



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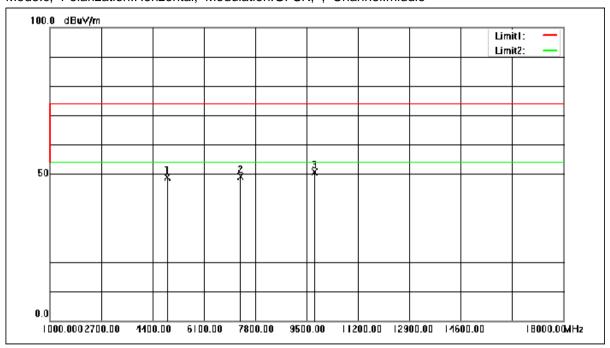
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Mode:c; Polarization:Horizontal; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	57.39	-8.60	48.79	74.00	-25.21	peak
2	7320.000	54.93	-5.77	49.16	74.00	-24.84	peak
3	9760.000	51.97	-1.45	50.52	74.00	-23.48	peak



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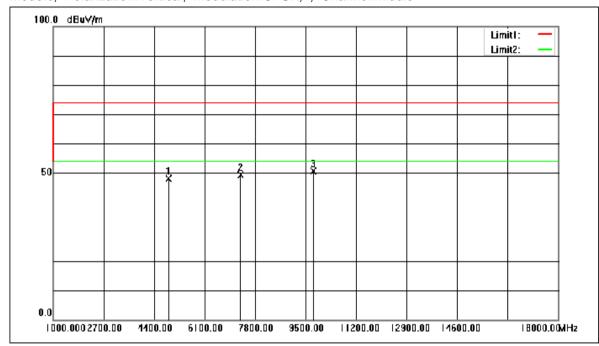
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Mode:c; Polarization:Vertical; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	56.83	-8.60	48.23	74.00	-25.77	peak
2	7320.000	55.23	-5.77	49.46	74.00	-24.54	peak
3	9760.000	52.16	-1.45	50.71	74.00	-23.29	peak



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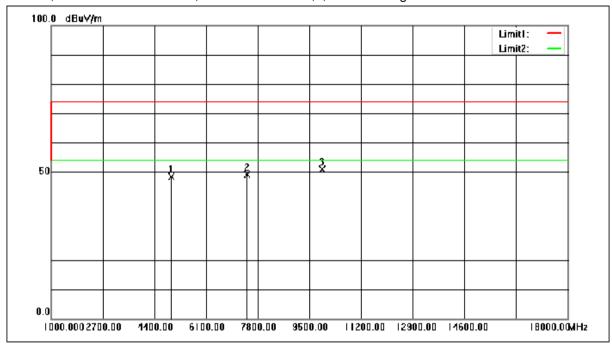
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Mode:c; Polarization:Horizontal; Modulation:GFSK; ; Channel:High



No.	Frequency		Correction		Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4960.000	56.80	-8.32	48.48	74.00	-25.52	peak
2	7440.000	54.64	-5.63	49.01	74.00	-24.99	peak
3	9920.000	51.92	-0.94	50.98	74.00	-23.02	peak



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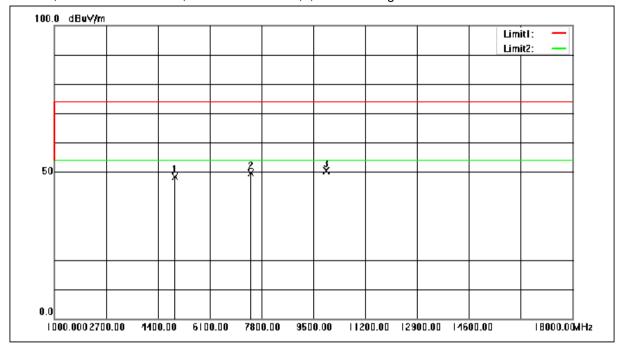
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Mode:c; Polarization:Vertical; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4960.000	56.64	-8.32	48.32	74.00	-25.68	peak
2	7440.000	55.31	-5.63	49.68	74.00	-24.32	peak
3	9920.000	51.30	-0.94	50.36	74.00	-23.64	peak



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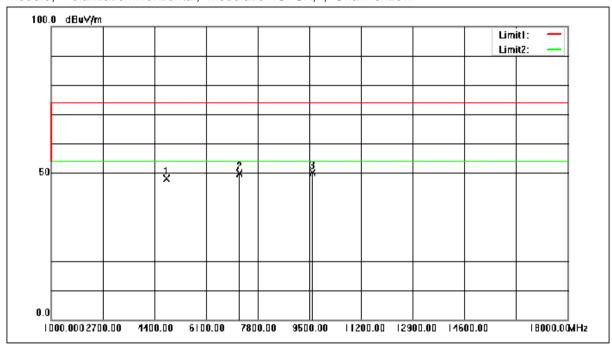
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Mode:d; Polarization:Horizontal; Modulation:GFSK; ; Channel:Low



	No.	Frequency (MHz)		Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
Ī	1	4804.000	57.01	-8.86	48.15	74.00	-25.85	peak
	2	7206.000	55.67	-5.89	49.78	74.00	-24.22	peak
	3	9608.000	51.30	-1.26	50.04	74.00	-23.96	peak



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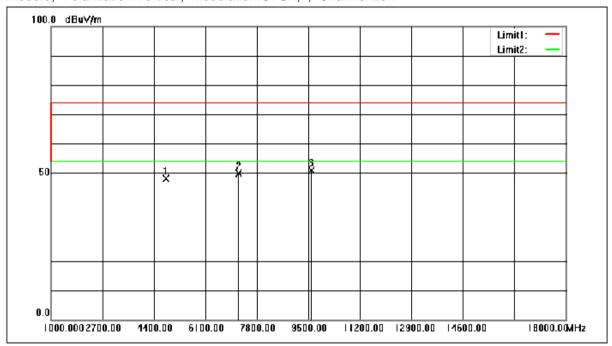
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Mode:d; Polarization:Vertical; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4804.000	57.11	-8.86	48.25	74.00	-25.75	peak
2	7206.000	55.69	-5.89	49.80	74.00	-24.20	peak
3	9608.000	52.05	-1.26	50.79	74.00	-23.21	peak



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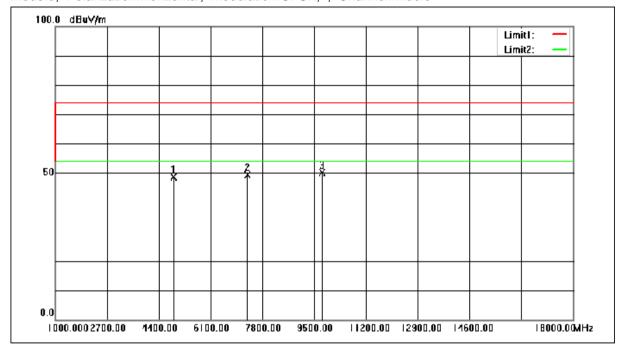
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#### Mode:d; Polarization:Horizontal; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	57.35	-8.60	48.75	74.00	-25.25	peak
2	7320.000	55.11	-5.77	49.34	74.00	-24.66	peak
3	9760.000	51.56	-1.45	50.11	74.00	-23.89	peak



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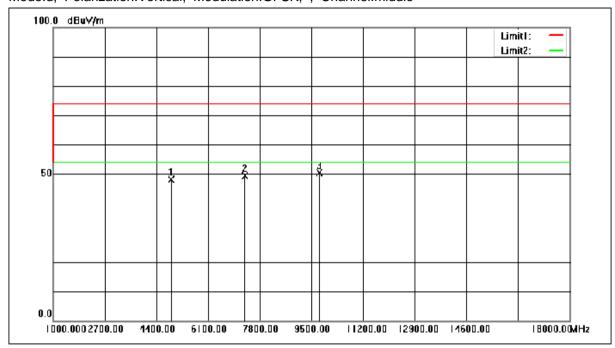
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Mode:d; Polarization:Vertical; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	56.66	-8.60	48.06	74.00	-25.94	peak
2	7320.000	55.05	-5.77	49.28	74.00	-24.72	peak
3	9760.000	51.94	-1.45	50.49	74.00	-23.51	peak



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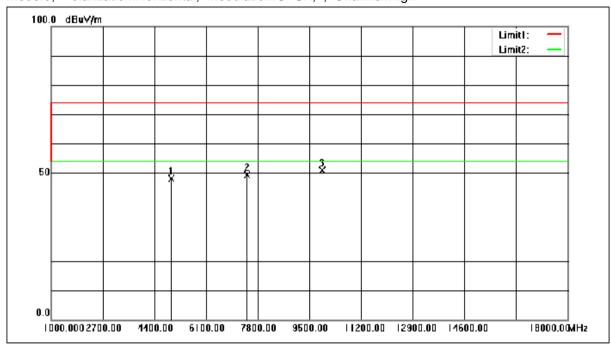
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Mode:d; Polarization:Horizontal; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4960.000	56.54	-8.32	48.22	74.00	-25.78	peak
2	7440.000	55.11	-5.63	49.48	74.00	-24.52	peak
3	9920.000	51.84	-0.94	50.90	74.00	-23.10	peak



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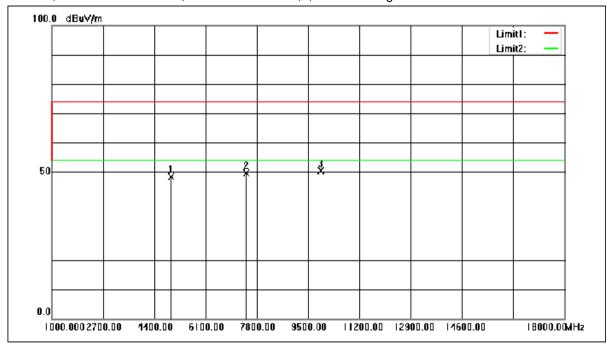
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Mode:d; Polarization:Vertical; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4960.000	56.79	-8.32	48.47	74.00	-25.53	peak
2	7440.000	55.27	-5.63	49.64	74.00	-24.36	peak
3	9920.000	51.27	-0.94	50.33	74.00	-23.67	peak



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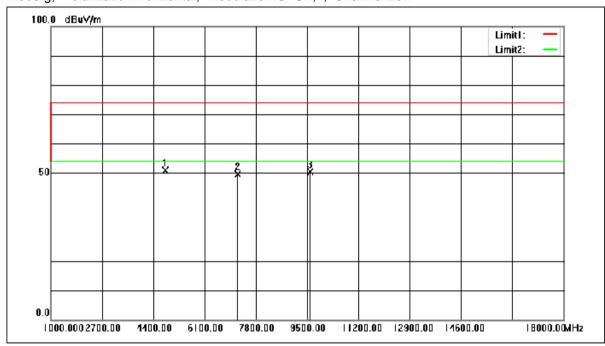
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Mode:g; Polarization:Horizontal; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4804.000	59.62	-8.86	50.76	74.00	-23.24	peak
2	7206.000	55.47	-5.89	49.58	74.00	-24.42	peak
3	9608.000	51.64	-1.26	50.38	74.00	-23.62	peak



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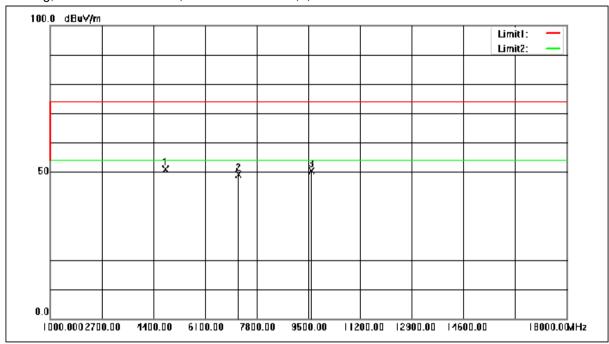
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Mode:g; Polarization:Vertical; Modulation:GFSK; ; Channel:Low



No.	Frequency		Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4804.000	59.80	-8.86	50.94	74.00	-23.06	peak
2	7206.000	55.07	-5.89	49.18	74.00	-24.82	peak
3	9608.000	51.63	-1.26	50.37	74.00	-23.63	peak



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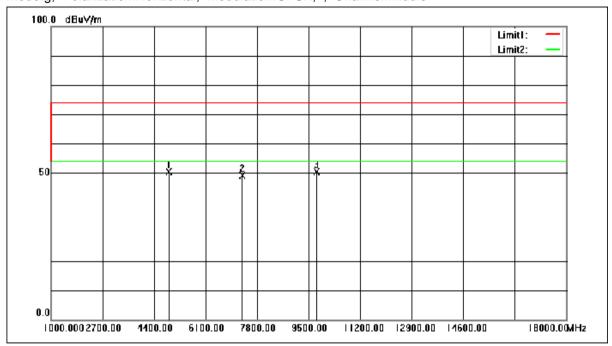
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Mode:g; Polarization:Horizontal; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	58.98	-8.60	50.38	74.00	-23.62	peak
2	7320.000	54.83	-5.77	49.06	74.00	-24.94	peak
3	9760.000	51.71	-1.45	50.26	74.00	-23.74	peak



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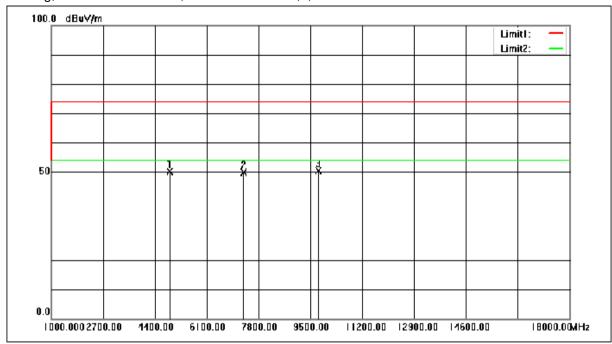
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Mode:g; Polarization:Vertical; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	58.78	-8.60	50.18	74.00	-23.82	peak
2	7320.000	55.61	-5.77	49.84	74.00	-24.16	peak
3	9760.000	51.91	-1.45	50.46	74.00	-23.54	peak



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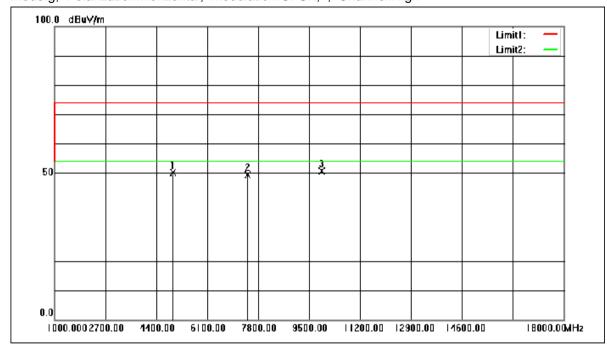
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Mode:g; Polarization:Horizontal; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4960.000	58.57	-8.32	50.25	74.00	-23.75	peak
2	7440.000	55.12	-5.63	49.49	74.00	-24.51	peak
3	9920.000	51.50	-0.94	50.56	74.00	-23.44	peak



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Mode:g; Polarization:Vertical; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4960.000	58.77	-8.32	50.45	74.00	-23.55	peak
2	7440.000	54.90	-5.63	49.27	74.00	-24.73	peak
3	9920.000	51.77	-0.94	50.83	74.00	-23.17	peak



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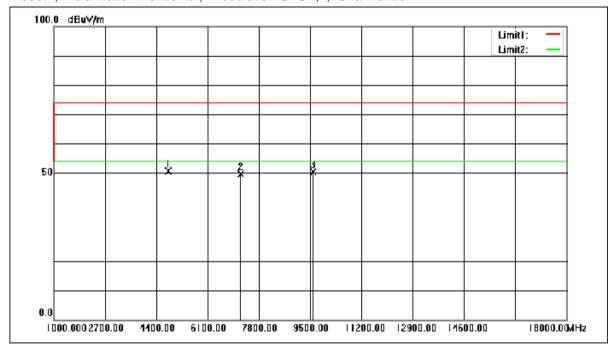
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Mode:h; Polarization:Horizontal; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4804.000	59.59	-8.86	50.73	74.00	-23.27	peak
2	7206.000	55.50	-5.89	49.61	74.00	-24.39	peak
3	9608.000	51.60	-1.26	50.34	74.00	-23.66	peak



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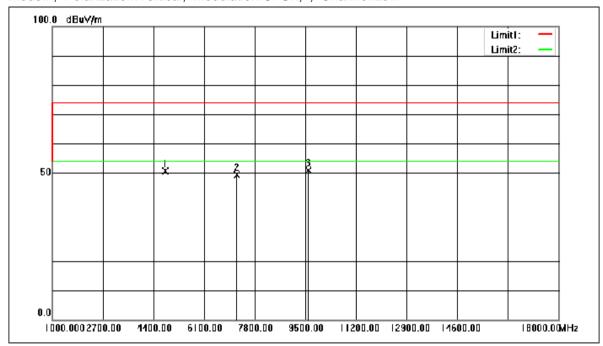
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Mode:h; Polarization:Vertical; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4804.000	59.51	-8.86	50.65	74.00	-23.35	peak
2	7206.000	55.36	-5.89	49.47	74.00	-24.53	peak
3	9608.000	52.18	-1.26	50.92	74.00	-23.08	peak



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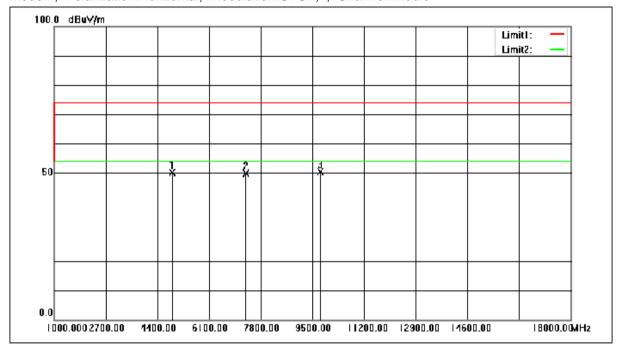
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#### Mode:h; Polarization:Horizontal; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	58.74	-8.60	50.14	74.00	-23.86	peak
2	7320.000	55.66	-5.77	49.89	74.00	-24.11	peak
3	9760.000	51.90	-1.45	50.45	74.00	-23.55	peak



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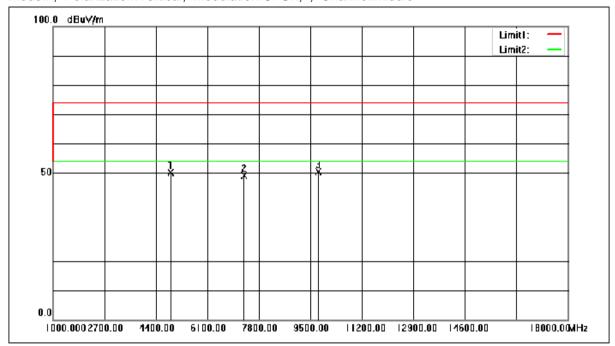
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Mode:h; Polarization:Vertical; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	58.76	-8.60	50.16	74.00	-23.84	peak
2	7320.000	54.78	-5.77	49.01	74.00	-24.99	peak
3	9760.000	51.77	-1.45	50.32	74.00	-23.68	peak



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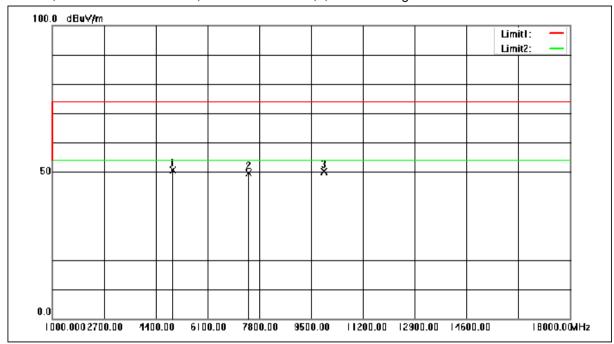
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Mode:h; Polarization:Horizontal; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4960.000	58.84	-8.32	50.52	74.00	-23.48	peak
2	7440.000	55.20	-5.63	49.57	74.00	-24.43	peak
3	9920.000	51.10	-0.94	50.16	74.00	-23.84	peak



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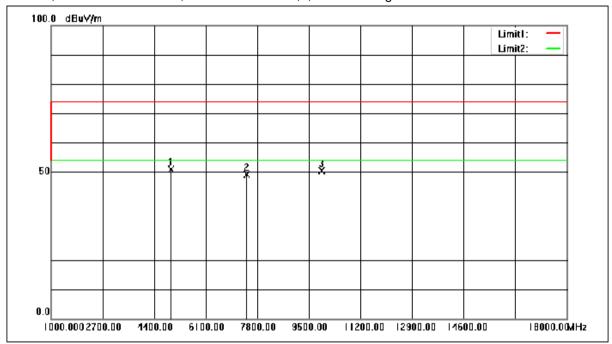
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Mode:h; Polarization:Vertical; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4960.000	59.19	-8.32	50.87	74.00	-23.13	peak
2	7440.000	54.84	-5.63	49.21	74.00	-24.79	peak
3	9920.000	51.29	-0.94	50.35	74.00	-23.65	peak



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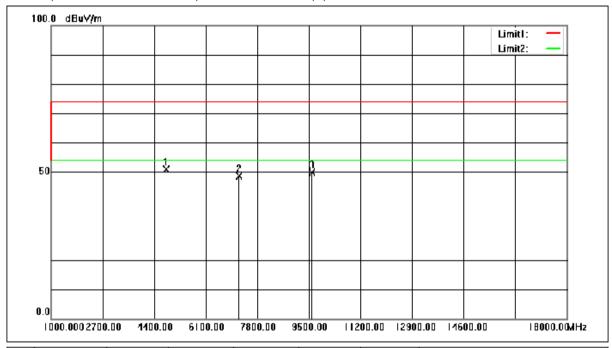
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Mode:k; Polarization:Horizontal; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4804.000	59.83	-8.86	50.97	74.00	-23.03	peak
2	7206.000	54.56	-5.89	48.67	74.00	-25.33	peak
3	9608.000	51.12	-1.26	49.86	74.00	-24.14	peak



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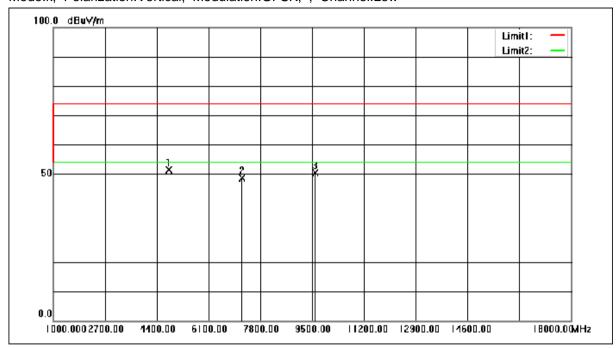
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Mode:k; Polarization:Vertical; Modulation:GFSK; ; Channel:Low



No.	Frequency		Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4804.000	60.33	-8.86	51.47	74.00	-22.53	peak
2	7206.000	54.56	-5.89	48.67	74.00	-25.33	peak
3	9608.000	51.68	-1.26	50.42	74.00	-23.58	peak



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#### Mode:k; Polarization:Horizontal; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	58.47	-8.60	49.87	74.00	-24.13	peak
2	7320.000	54.47	-5.77	48.70	74.00	-25.30	peak
3	9760.000	51.44	-1.45	49.99	74.00	-24.01	peak



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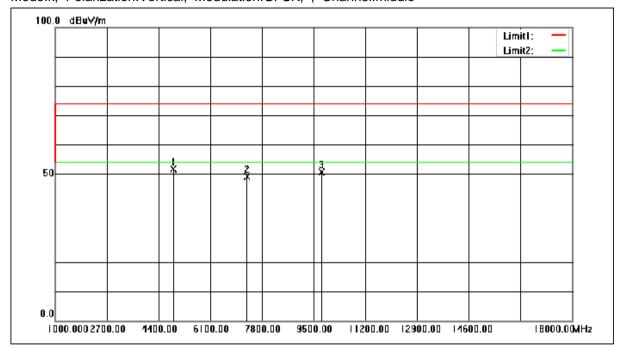
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# Mode:k; Polarization:Vertical; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	60.32	-8.60	51.72	74.00	-22.28	peak
2	7320.000	54.83	-5.77	49.06	74.00	-24.94	peak
3	9760.000	52.16	-1.45	50.71	74.00	-23.29	peak



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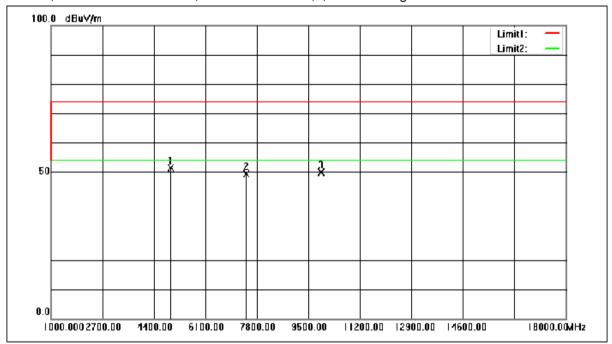
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Mode:k; Polarization:Horizontal; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4960.000	59.66	-8.32	51.34	74.00	-22.66	peak
2	7440.000	54.98	-5.63	49.35	74.00	-24.65	peak
3	9920.000	50.82	-0.94	49.88	74.00	-24.12	peak



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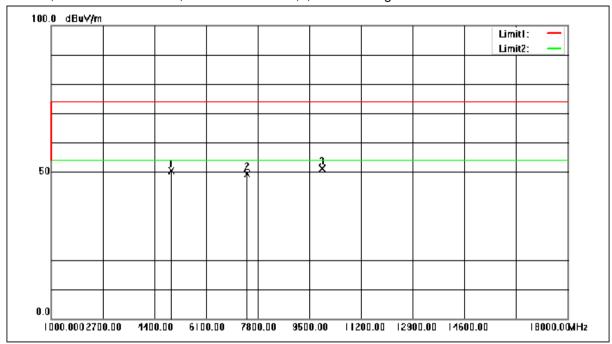
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Mode:k; Polarization:Vertical; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4960.000	58.81	-8.32	50.49	74.00	-23.51	peak
2	7440.000	54.94	-5.63	49.31	74.00	-24.69	peak
3	9920.000	51.98	-0.94	51.04	74.00	-22.96	peak



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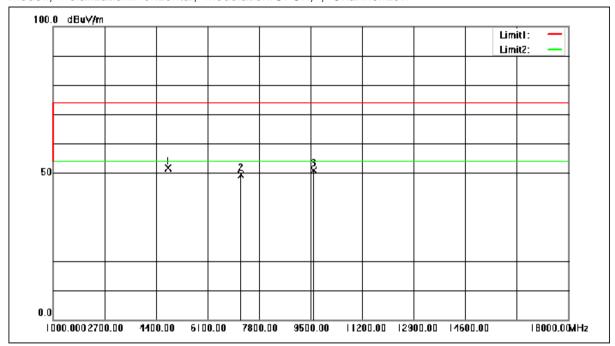
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#### Mode:I; Polarization:Horizontal; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4804.000	60.58	-8.86	51.72	74.00	-22.28	peak
2	7206.000	55.24	-5.89	49.35	74.00	-24.65	peak
3	9608.000	52.10	-1.26	50.84	74.00	-23.16	peak



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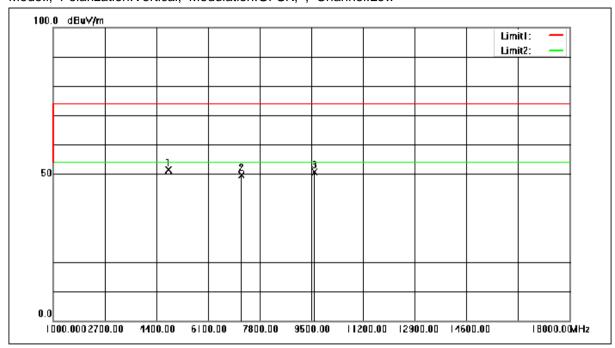
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Mode:I; Polarization:Vertical; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4804.000	60.34	-8.86	51.48	74.00	-22.52	peak
2	7206.000	55.54	-5.89	49.65	74.00	-24.35	peak
3	9608.000	51.97	-1.26	50.71	74.00	-23.29	peak



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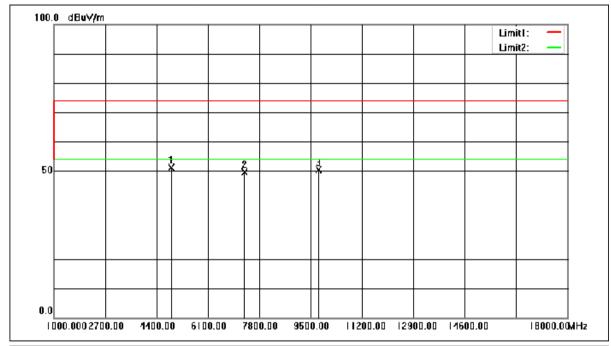
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#### Mode:I; Polarization:Horizontal; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	59.82	-8.60	51.22	74.00	-22.78	peak
2	7320.000	55.42	-5.77	49.65	74.00	-24.35	peak
3	9760.000	51.93	-1.45	50.48	74.00	-23.52	peak



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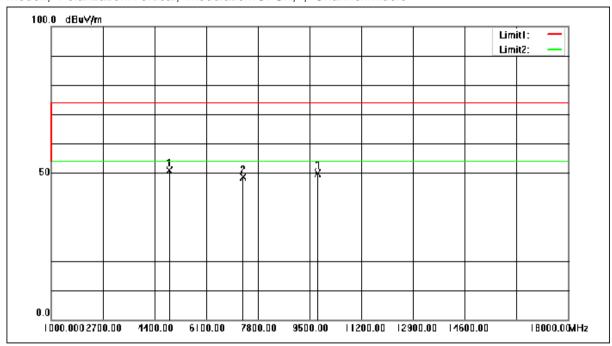
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Report No.: KSCR211100023502

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Mode:I; Polarization:Vertical; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	59.57	-8.60	50.97	74.00	-23.03	peak
2	7320.000	54.42	-5.77	48.65	74.00	-25.35	peak
3	9760.000	51.44	-1.45	49.99	74.00	-24.01	peak



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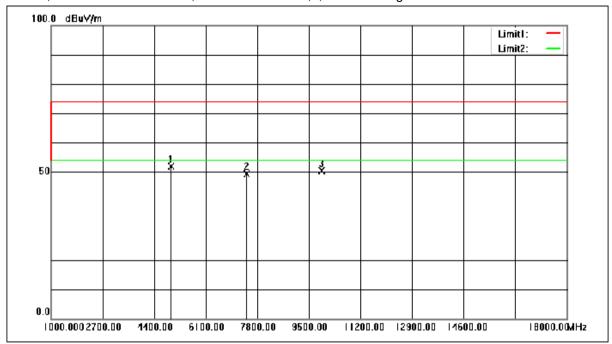
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Mode:I; Polarization:Horizontal; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4960.000	60.16	-8.32	51.84	74.00	-22.16	peak
2	7440.000	55.01	-5.63	49.38	74.00	-24.62	peak
3	9920.000	51.21	-0.94	50.27	74.00	-23.73	peak



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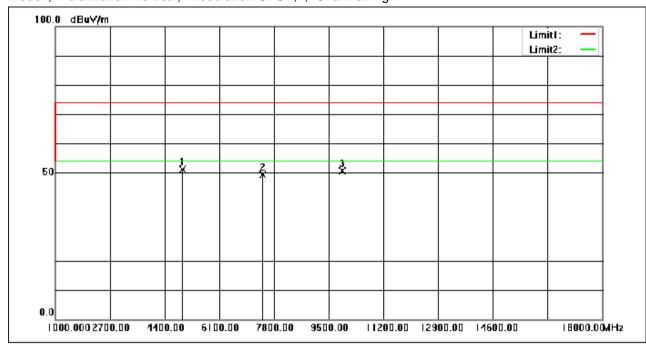
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Mode:I; Polarization:Vertical; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4960.000	59.38	-8.32	51.06	74.00	-22.94	peak
2	7440.000	54.98	-5.63	49.35	74.00	-24.65	peak
3	9920.000	51.65	-0.94	50.71	74.00	-23.29	peak



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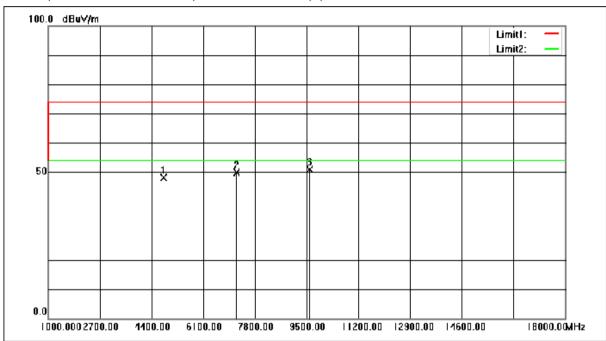


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#### Right:

Mode:c; Polarization:Horizontal; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4804.000	56.88	-8.86	48.02	74.00	-25.98	peak
2	7206.000	55.80	-5.89	49.91	74.00	-24.09	peak
3	9608.000	52.10	-1.26	50.84	74.00	-23.16	peak



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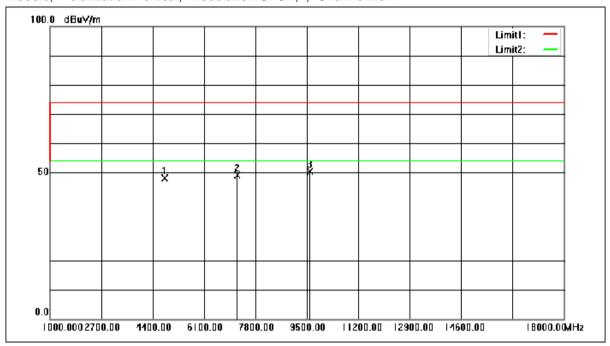
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Mode:c; Polarization:Vertical; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4804.000	57.10	-8.86	48.24	74.00	-25.76	peak
2	7206.000	54.92	-5.89	49.03	74.00	-24.97	peak
3	9608.000	51.55	-1.26	50.29	74.00	-23.71	peak



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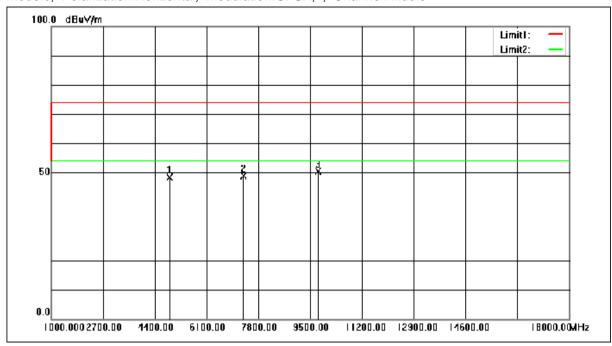
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Mode:c; Polarization:Horizontal; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	56.94	-8.60	48.34	74.00	-25.66	peak
2	7320.000	54.77	-5.77	49.00	74.00	-25.00	peak
3	9760.000	51.73	-1.45	50.28	74.00	-23.72	peak



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Mode:c; Polarization:Vertical; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	56.91	-8.60	48.31	74.00	-25.69	peak
2	7320.000	55.66	-5.77	49.89	74.00	-24.11	peak
3	9760.000	51.69	-1.45	50.24	74.00	-23.76	peak



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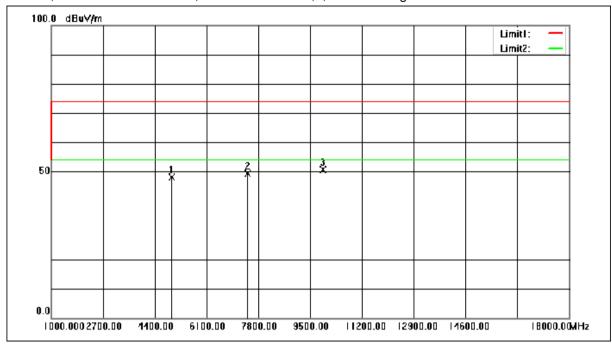
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Mode:c; Polarization:Horizontal; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4960.000	56.53	-8.32	48.21	74.00	-25.79	peak
2	7440.000	55.01	-5.63	49.38	74.00	-24.62	peak
3	9920.000	51.58	-0.94	50.64	74.00	-23.36	peak



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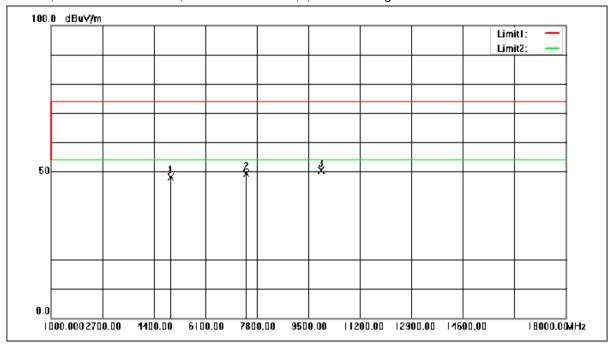
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Mode:c; Polarization:Vertical; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4960.000	56.46	-8.32	48.14	74.00	-25.86	peak
2	7440.000	54.89	-5.63	49.26	74.00	-24.74	peak
3	9920.000	51.36	-0.94	50.42	74.00	-23.58	peak



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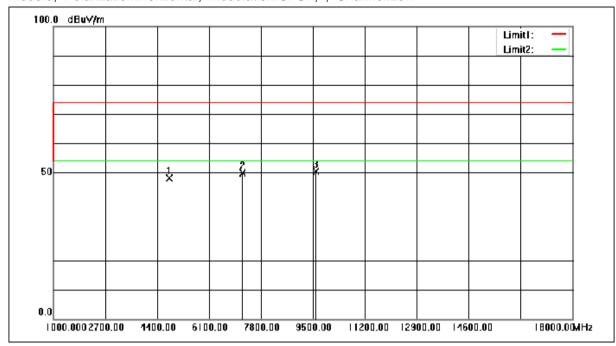
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Mode:d; Polarization:Horizontal; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4804.000	57.08	-8.86	48.22	74.00	-25.78	peak
2	7206.000	55.78	-5.89	49.89	74.00	-24.11	peak
3	9608.000	51.53	-1.26	50.27	74.00	-23.73	peak



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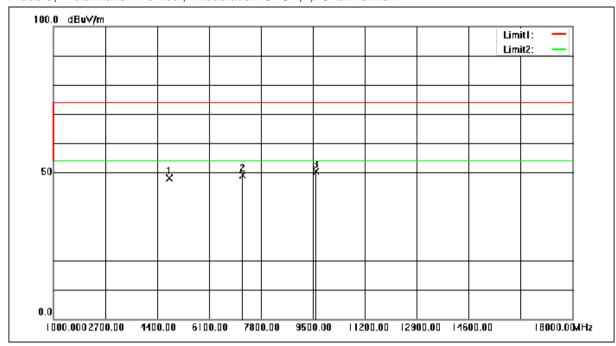
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Mode:d; Polarization:Vertical; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4804.000	56.98	-8.86	48.12	74.00	-25.88	peak
2	7206.000	55.06	-5.89	49.17	74.00	-24.83	peak
3	9608.000	51.58	-1.26	50.32	74.00	-23.68	peak



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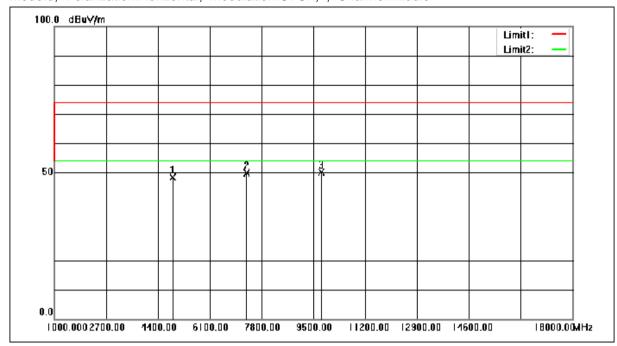
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#### Mode:d; Polarization:Horizontal; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	56.88	-8.60	48.28	74.00	-25.72	peak
2	7320.000	55.70	-5.77	49.93	74.00	-24.07	peak
3	9760.000	51.58	-1.45	50.13	74.00	-23.87	peak



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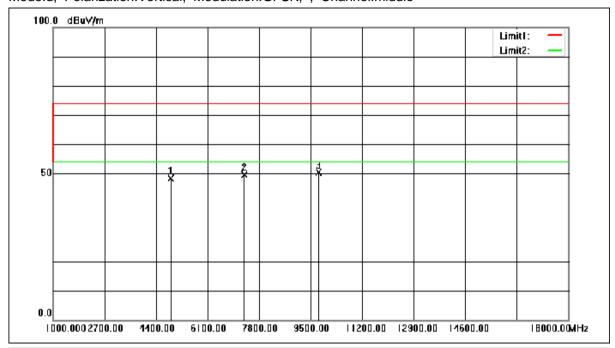
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Mode:d; Polarization:Vertical; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	56.98	-8.60	48.38	74.00	-25.62	peak
2	7320.000	55.31	-5.77	49.54	74.00	-24.46	peak
3	9760.000	51.79	-1.45	50.34	74.00	-23.66	peak



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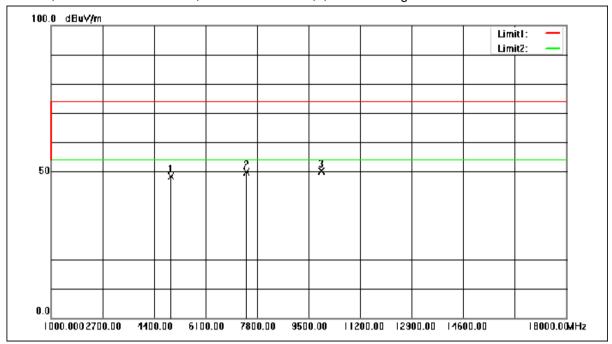
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Mode:d; Polarization:Horizontal; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4960.000	56.74	-8.32	48.42	74.00	-25.58	peak
2	7440.000	55.50	-5.63	49.87	74.00	-24.13	peak
3	9920.000	51.15	-0.94	50.21	74.00	-23.79	peak



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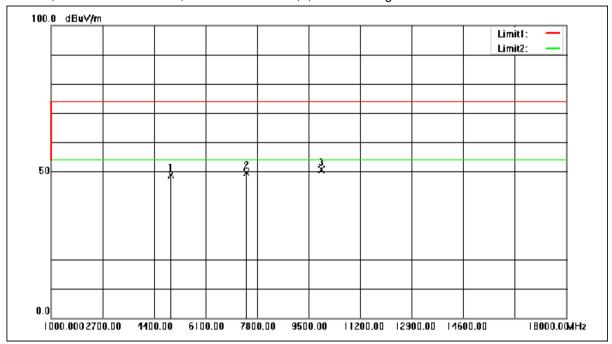
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Mode:d; Polarization:Vertical; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4960.000	57.12	-8.32	48.80	74.00	-25.20	peak
2	7440.000	55.29	-5.63	49.66	74.00	-24.34	peak
3	9920.000	51.67	-0.94	50.73	74.00	-23.27	peak



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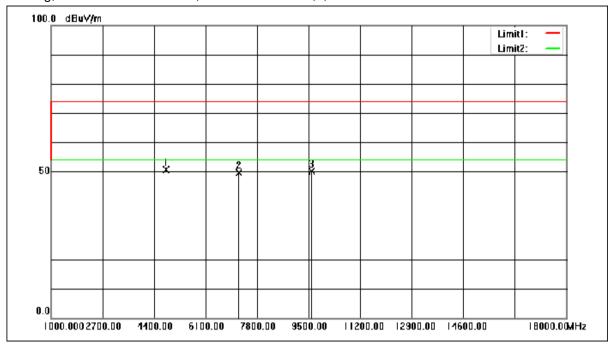
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Mode:g; Polarization:Horizontal; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4804.000	59.39	-8.86	50.53	74.00	-23.47	peak
2	7206.000	55.46	-5.89	49.57	74.00	-24.43	peak
3	9608.000	51.47	-1.26	50.21	74.00	-23.79	peak



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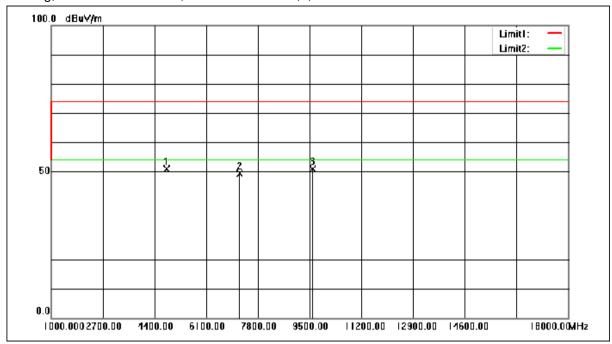
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Mode:g; Polarization:Vertical; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4804.000	59.67	-8.86	50.81	74.00	-23.19	peak
2	7206.000	55.29	-5.89	49.40	74.00	-24.60	peak
3	9608.000	52.13	-1.26	50.87	74.00	-23.13	peak



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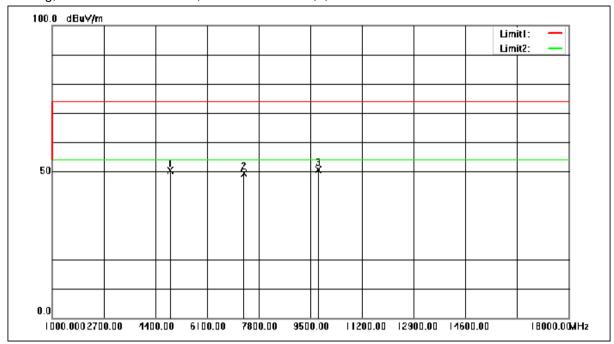
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Mode:g; Polarization:Horizontal; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	58.94	-8.60	50.34	74.00	-23.66	peak
2	7320.000	55.14	-5.77	49.37	74.00	-24.63	peak
3	9760.000	51.96	-1.45	50.51	74.00	-23.49	peak



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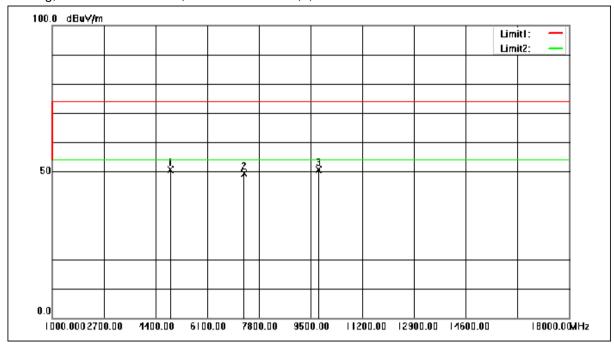
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Mode:g; Polarization:Vertical; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	59.32	-8.60	50.72	74.00	-23.28	peak
2	7320.000	55.13	-5.77	49.36	74.00	-24.64	peak
3	9760.000	52.00	-1.45	50.55	74.00	-23.45	peak



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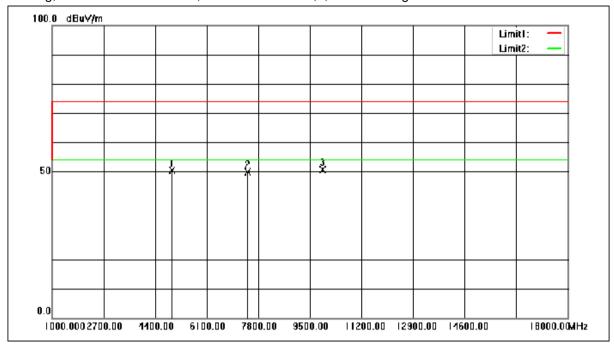
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Mode:g; Polarization:Horizontal; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4960.000	58.63	-8.32	50.31	74.00	-23.69	peak
2	7440.000	55.45	-5.63	49.82	74.00	-24.18	peak
3	9920.000	51.48	-0.94	50.54	74.00	-23.46	peak



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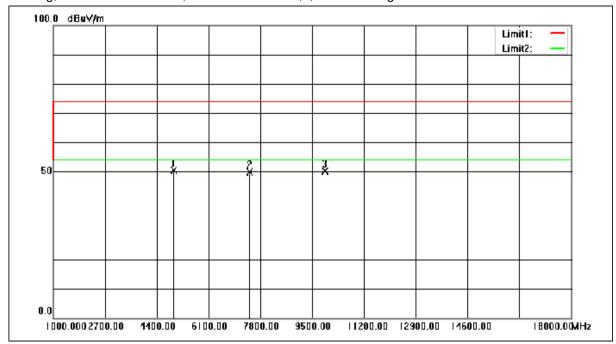
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Mode:g; Polarization:Vertical; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4960.000	58.78	-8.32	50.46	74.00	-23.54	peak
2	7440.000	55.60	-5.63	49.97	74.00	-24.03	peak
3	9920.000	51.01	-0.94	50.07	74.00	-23.93	peak



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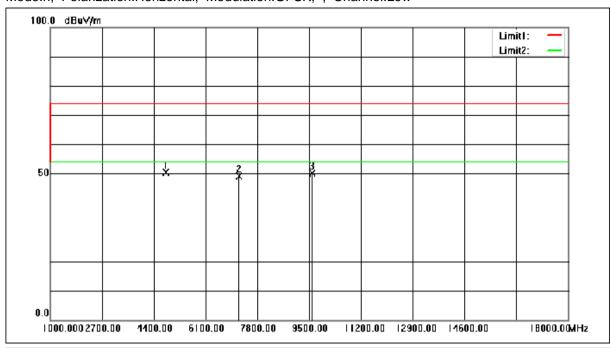
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Mode:h; Polarization:Horizontal; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4804.000	59.24	-8.86	50.38	74.00	-23.62	peak
2	7206.000	55.05	-5.89	49.16	74.00	-24.84	peak
3	9608.000	51.49	-1.26	50.23	74.00	-23.77	peak



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Mode:h; Polarization:Vertical; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4804.000	59.34	-8.86	50.48	74.00	-23.52	peak
2	7206.000	55.54	-5.89	49.65	74.00	-24.35	peak
3	9608.000	51.41	-1.26	50.15	74.00	-23.85	peak



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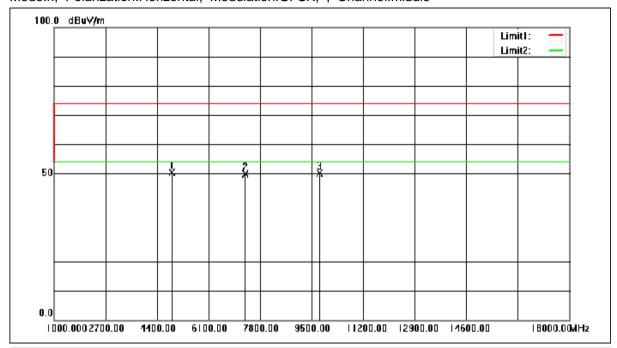
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#### Mode:h; Polarization:Horizontal; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	59.05	-8.60	50.45	74.00	-23.55	peak
2	7320.000	55.54	-5.77	49.77	74.00	-24.23	peak
3	9760.000	51.63	-1.45	50.18	74.00	-23.82	peak



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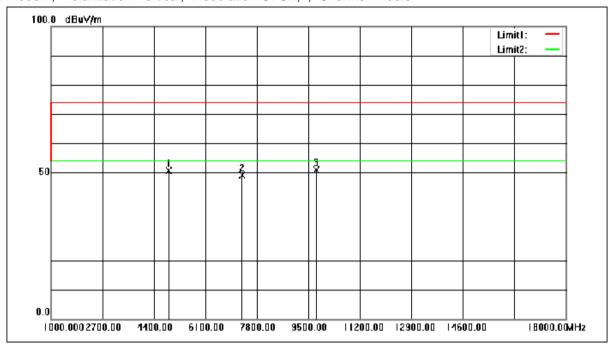
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Mode:h; Polarization:Vertical; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	59.22	-8.60	50.62	74.00	-23.38	peak
2	7320.000	54.89	-5.77	49.12	74.00	-24.88	peak
3	9760.000	52.30	-1.45	50.85	74.00	-23.15	peak



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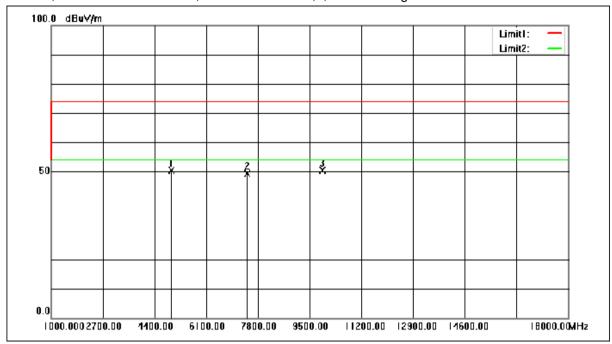
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Mode:h; Polarization:Horizontal; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4960.000	58.79	-8.32	50.47	74.00	-23.53	peak
2	7440.000	55.03	-5.63	49.40	74.00	-24.60	peak
3	9920.000	51.37	-0.94	50.43	74.00	-23.57	peak



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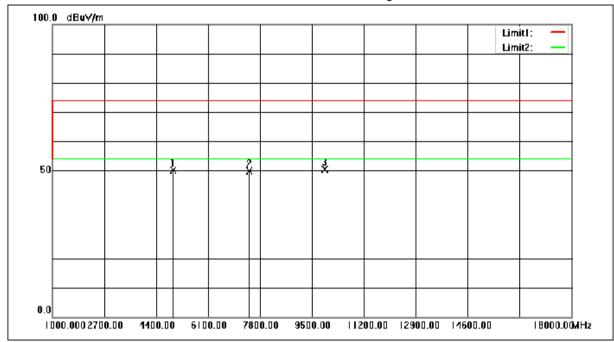
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Mode:h; Polarization:Vertical; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4960.000	58.46	-8.32	50.14	74.00	-23.86	peak
2	7440.000	55.43	-5.63	49.80	74.00	-24.20	peak
3	9920.000	51.35	-0.94	50.41	74.00	-23.59	peak



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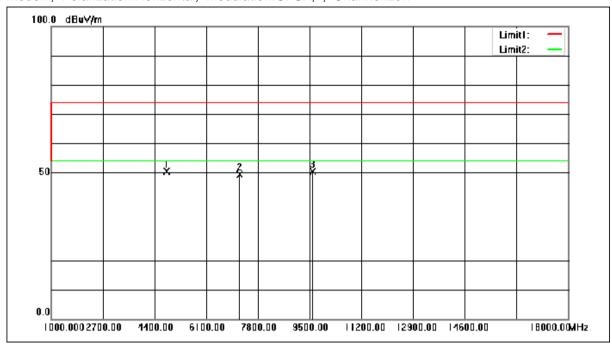
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Mode:k; Polarization:Horizontal; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4804.000	59.13	-8.86	50.27	74.00	-23.73	peak
2	7206.000	55.22	-5.89	49.33	74.00	-24.67	peak
3	9608.000	51.75	-1.26	50.49	74.00	-23.51	peak



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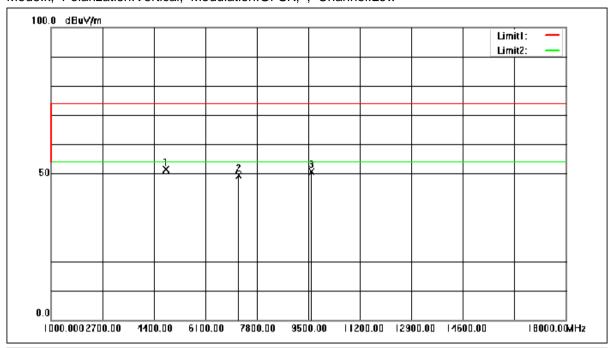
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Mode:k; Polarization:Vertical; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4804.000	60.20	-8.86	51.34	74.00	-22.66	peak
2	7206.000	55.26	-5.89	49.37	74.00	-24.63	peak
3	9608.000	51.97	-1.26	50.71	74.00	-23.29	peak



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#### Mode:k; Polarization:Horizontal; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	59.94	-8.60	51.34	74.00	-22.66	peak
2	7320.000	54.73	-5.77	48.96	74.00	-25.04	peak
3	9760.000	52.16	-1.45	50.71	74.00	-23.29	peak



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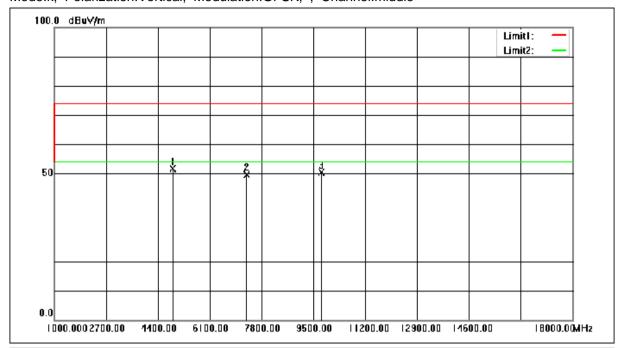
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Mode:k; Polarization:Vertical; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	60.24	-8.60	51.64	74.00	-22.36	peak
2	7320.000	55.45	-5.77	49.68	74.00	-24.32	peak
3	9760.000	51.93	-1.45	50.48	74.00	-23.52	peak



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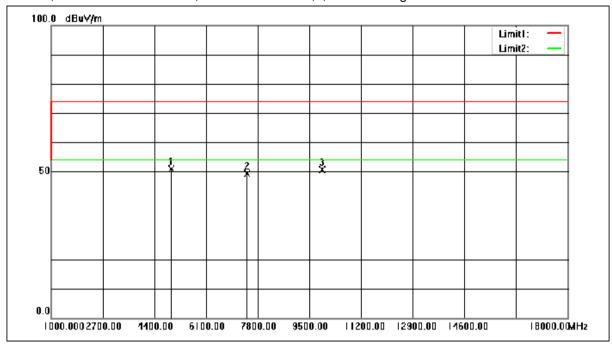
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Mode:k; Polarization:Horizontal; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4960.000	59.11	-8.32	50.79	74.00	-23.21	peak
2	7440.000	55.00	-5.63	49.37	74.00	-24.63	peak
3	9920.000	51.65	-0.94	50.71	74.00	-23.29	peak



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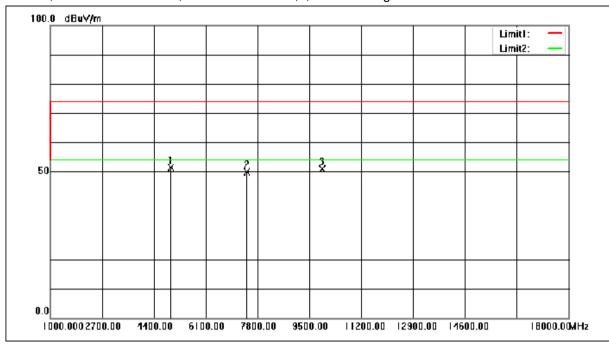
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Mode:k; Polarization:Vertical; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark	
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)		
1	4960.000	59.65	-8.32	51.33	74.00	-22.67	peak	
2	7440.000	55.44	-5.63	49.81	74.00	-24.19	peak	
3	9920.000	51.73	-0.94	50.79	74.00	-23.21	peak	



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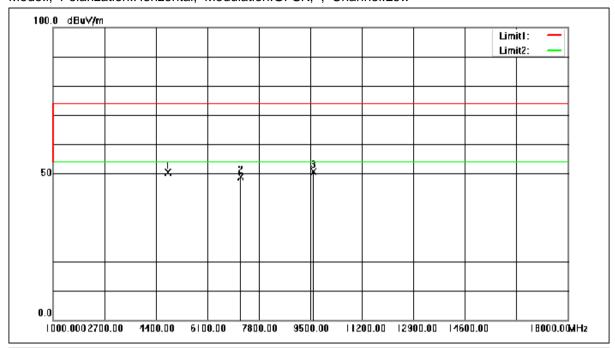
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Mode:I; Polarization:Horizontal; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4804.000	59.34	-8.86	50.48	74.00	-23.52	peak
2	7206.000	54.68	-5.89	48.79	74.00	-25.21	peak
3	9608.000	51.87	-1.26	50.61	74.00	-23.39	peak



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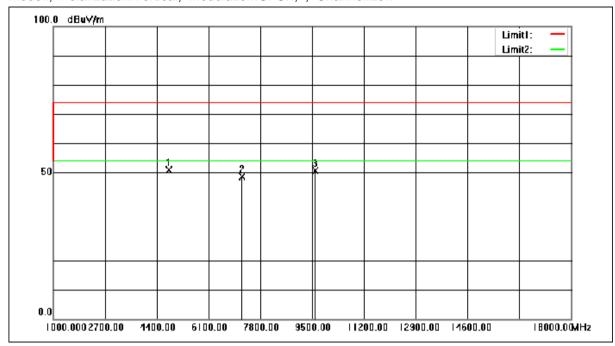
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Mode:I; Polarization:Vertical; Modulation:GFSK; ; Channel:Low



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4804.000	59.65	-8.86	50.79	74.00	-23.21	peak
2	7206.000	54.54	-5.89	48.65	74.00	-25.35	peak
3	9608.000	52.00	-1.26	50.74	74.00	-23.26	peak



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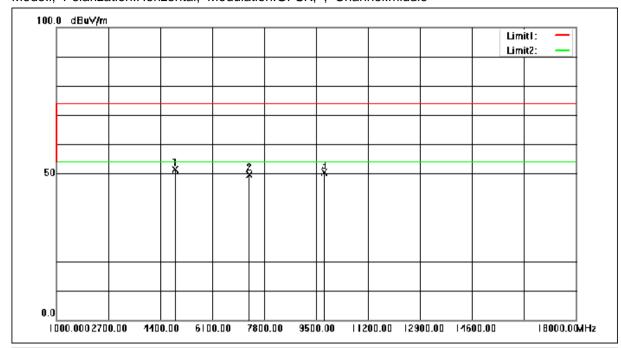
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#### Mode:I; Polarization:Horizontal; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	59.94	-8.60	51.34	74.00	-22.66	peak
2	7320.000	55.43	-5.77	49.66	74.00	-24.34	peak
3	9760.000	51.91	-1.45	50.46	74.00	-23.54	peak



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Mode:I; Polarization:Vertical; Modulation:GFSK; ; Channel:middle



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4880.000	60.24	-8.60	51.64	74.00	-22.36	peak
2	7320.000	54.44	-5.77	48.67	74.00	-25.33	peak
3	9760.000	52.16	-1.45	50.71	74.00	-23.29	peak



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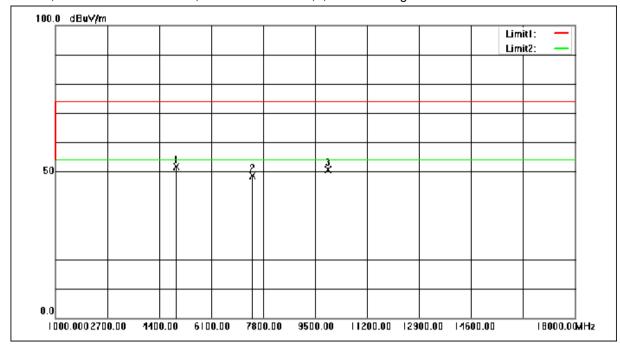
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Mode:I; Polarization:Horizontal; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4960.000	60.06	-8.32	51.74	74.00	-22.26	peak
2	7440.000	54.30	-5.63	48.67	74.00	-25.33	peak
3	9920.000	51.65	-0.94	50.71	74.00	-23.29	peak



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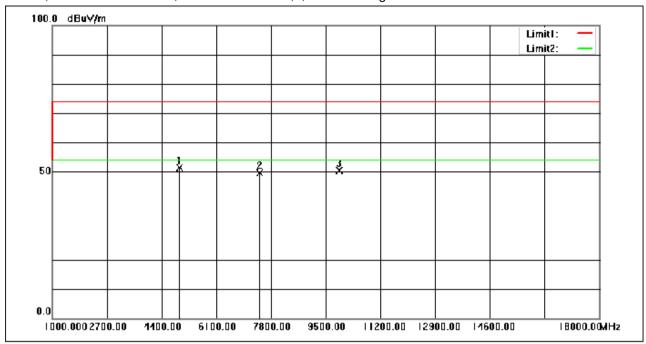
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Mode:I; Polarization:Vertical; Modulation:GFSK; ; Channel:High



No.	Frequency	Reading	Correction	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	4960.000	59.66	-8.32	51.34	74.00	-22.66	peak
2	7440.000	55.20	-5.63	49.57	74.00	-24.43	peak
3	9920.000	51.23	-0.94	50.29	74.00	-23.71	peak



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# 8 Test Setup Photographs

Refer to the < Test Setup photos-FCC>.

## 9 EUT Constructional Details

Refer to the < External Photos > & < Internal Photos >.

- End of the Report -



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