

Test Report No.:
FCC2021-0005-5

RF Test Report

EUT : **Pet Tracker**
MODEL : **EV-206M**
BRAND NAME : **N/A**
CLIENT : **Shenzhen Eview GPS
Technology**
Classification Of Test : **Commission Test**

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Client		Name : Shenzhen Evview GPS Technology Address : Rm 201, building 1-A, Nankechuang Yuangu, Dalang, Longhua District, Shenzhen, China	
Manufacturer		Name : Shenzhen Evview GPS Technology Address : Rm 201, building 1-A, Nankechuang Yuangu, Dalang, Longhua District, Shenzhen, China	
Equipment Under Test		Name : Pet Tracker Model/Type: EV-206M Trade mark :N/A SerialNO.:N/A Sampe NO.:1-1	
Date of Receipt.	2021.03.24	Date of Receipt.	2021.03.24~2021.05.11
Test Specification		Test Result	
FCC Part 27, Subpart C,L ANSI C63.26-2015		PASS	
Evaluation of Test Result		The equipment under test was found to comply with the requirements of the standards applied. Issue Date: 2021.05.11	
Tested by: <u>Zhu Yulin</u> Zhu Yu Lin Name Signature		Reviewed by: <u>Cheng Xiaochuan</u> Cheng Xiao Chuan Name Signature	Approved by: <u>Dong Sanbi</u> Dong San Bi Name Signature
Other Aspects: NONE.			
Abbreviations:OK, Pass= passed Fail = failed N/A= not applicable EUT= equipment, sample(s) under tested			
This test report relates only to the EUT, and shall not be reproduced except in full, without written approval of CVC.			



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5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB33



RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FCC2021-0005-5	Original release	2021.05.11



1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC Part 27 & Part 2			
STANDARD SECTION	TEST TYPE AND LIMIT	RESULT	REMARK
2.1046 27.50	Maximum Peak Output Power	PASS	Meet the requirement of limit.
2.1055 27.54	Frequency Stability	PASS	Meet the requirement of limit.
2.1049 27.53	Occupied Bandwidth	PASS	Meet the requirement of limit.
27.50	Peak to average ratio	PASS	Meet the requirement of limit.
27.53	Band Edge Measurements	PASS	Meet the requirement of limit.
2.1051 27.53	Conducted Spurious Emissions	PASS	Meet the requirement of limit.
2.1053 27.53	Radiated Spurious Emissions	PASS	Meet the requirement of limit.

1.1 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

MEASUREMENT	UNCERTAINTY
Effective Radiated Power	$\pm 1.19\text{dB}$
Frequency Stability	$\pm 39.27\text{Hz}$
Radiated emissions	$\pm 3.55\text{dB}$
Conducted emissions	$\pm 1.407\text{ dB}$
Occupied Channel Bandwidth	$\pm 0.624\text{KHz}$
Band Edge Measurements	$\pm 0.684\text{dB}$
Peak to average ratio	$\pm 0.4\text{dB}$

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

Test Firm:

CVC Testing Technology Co., Ltd.

No.3, Tiantaiyi Road, Kaitai Avenue, Science City, Guangdong, China

Test Firm Registration Number: 937273



1.2 TEST SITE AND INSTRUMENTS

Test Equipment	Type/Mode	SERIAL NO.	Manufacturer	Cal. Due
EMI Test Receiver	ESCI	100857	R&S	2021-12-08
EMI Test Receiver	ESR3	102394	R&S	2022-03-05
LISN	NSLK 8127	8127644	SCHWARZBECK	2021-09-04
LISN	NSLK 8128	8128-316	SCHWARZBECK	2021-09-04
LISN	NSLK 8129	8129-268	SCHWARZBECK	2022-03-05
Plus Limiter (#1)	VTSD 9561 F-N	00515	SCHWARZBECK	2022-03-05
Plus Limiter (#2)	VTSD 9561	9561-F017	SCHWARZBECK	2021-10-09
Impedance Stabilization Network	ISN T800	27095	TESEQ	2021-09-04
Impedance Stabilization Network	NTFM8158	8158-0092	SCHWARZBECK	2021-06-09
ImpedanceStabilizationNetwork	NTFM8131	#184	SCHWARZBECK	2021-06-09
Voltage Probe	TK9420	9420-499	SCHWARZBECK	2022-03-05
Power Divider	4901.17.B	22643830	HUBER+SUHNE R	2021-11-08
Video Signal Generator	GV-798+	151064920001	PROMAX	2021-07-21
AudioSignalGenerator	GAG-810	EK871591	GW	2021-12-11
Shielding Room(#1)	GP1A	002	LEINING	2024-08-08
Shielding Room(#2)	GP1A	/	LEINING	2024-08-08
EMI Test Receiver	N9038A-508	MY532290079	Agilent	2022-03-05
EMI Test Receiver	ESR7	102235	R&S	2022-03-05
EMI Test Receiver	N9038A-508	MY53290078	Agilent	2022-03-05
Spectrum Analyzer	N9010B	MY57470323	KEYSIGHT	2022-03-05
Radio Communication Test	CMW500	156686	R&S	2021-12-25
Broadband Antenna(3m)	VULB 9163	9163-530	SCHWARZBECK	2021-07-11
Loop Antenna	HLA 6121	540046	TESEQ	2021-06-28
Loop Antenna	FMZB1513	1513-170	SCHWARZBECK	2022-03-05
Monopole antenna	HFH2-Z6E	101317	R&S	2021-12-11
Waveguide Horn Antenna	BBHA9120B	602	SCHWARZBECK	2022-03-05
Waveguide Horn Antenna	HF906	360306/008	R&S	2022-03-05
Semi-Anechoic Chamber(3m)	FACT-4	ST08035	ETS	2024-12-12
Preamplifier	SCU-01F	100298	Rohde&Schwarz	2021.5.19
Preamplifier	SCU-18F	100799	Rohde&Schwarz	2021.5.19
Signal&Spectrum Analyzer	FSV 40	101898	Rohde&Schwarz	2021.5.19
Signal&Spectrum Analyzer	FSVA 3044	101013	Rohde&Schwarz	2021.5.19



2 GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

PRODUCT	Pet Tracker
MODEL NAME	EV-206M
ADDITIONAL MODEL	N/A
FCC ID	2AUMJEV206MA21
POWER SUPPLY	DC 3.7V From Li-ion Battery or DC 5 V From DS Charger
OPERATED MODES	eMTC, NB-IoT
ANTENNA TYPE	PIFA Antenna, -2.3dBi Gain For Band4 PIFA Antenna, -8.6dBi Gain For Band12 PIFA Antenna, -8.7dBi Gain For Band13
HW VERSION	EV206_V1.0
SW VERSION	EV206M V1.1.0.23
I/O PORTS	Refer to user's manual
CABLE	USB Line, 1.2m, Detachable, Unshielded

NOTE:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
2. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.
3. Please refer to the EUT photo document (Reference No.: FCC2021-0005) for detailed product photo.

Operating Frequency Range and Channel Bandwidth of EUT

EMTC:

Frequency Band(s)	Frequency Range		Channel Bandwidth (MHz)
	Transmitting f_{UL} (MHz)	Receiving f_{DL} (MHz)	
Band 4	1710 ~ 1755	2110 ~ 2155	1.4, 3, 5, 10, 15, 20
Band 12	699 ~ 716	729 ~ 746	1.4, 3, 5, 10
Band 13	777 ~ 787	746 ~ 756	5, 10



NB-IOT:

Frequency Band(s)	Frequency Range		Channel Bandwidth (MHz)	Subcarrier Spacing (kHz)
	Transmitting f_{UL} (MHz)	Receiving f_{DL} (MHz)		
Band 4	1710 ~ 1755	2110 ~ 2155	1.4, 3, 5, 10, 15, 20	3.75, 15
Band 12	699 ~ 716	729 ~ 746	1.4, 3, 5, 10	3.75, 15
Band 13	777 ~ 787	746 ~ 756	5, 10	3.75, 15

List of Frequencies under Test

EMTC:

Operation bands	Mode	Channel Bandwidth (MHz)	Frequencies under Test					
			EARFCN	CH _{Low} (MHz)	EARFCN	CH _{Mid} (MHz)	EARFCN	CH _{High} (MHz)
4	TX	1.4	19957	1710.7	20175	1732.5	20393	1754.3
		3	19965	1711.5	20175	1732.5	20385	1753.5
		5	19975	1712.5	20175	1732.5	20375	1752.5
		10	20000	1715	20175	1732.5	20350	1750
		15	20025	1717.5	20175	1732.5	20325	1747.5
		20	20050	1720	20175	1732.5	20300	1745
	RX	1.4	1957	2110.7	2175	2132.5	2393	2154.3
		3	1965	2111.5	2175	2132.5	2385	2153.5
		5	1975	2112.5	2175	2132.5	2375	2152.5
		10	2000	2115	2175	2132.5	2350	2150
		15	2025	2117.5	2175	2132.5	2325	2147.5
		20	2050	2120	2175	2132.5	2300	2145
12	TX	1.4	23017	699.7	23095	707.5	23173	715.3
		3	23025	700.5	23095	707.5	23165	714.5
		5	23035	701.5	23095	707.5	23155	713.5
		10	23060	704	23095	707.5	23130	711
	RX	1.4	5017	729.7	5095	737.5	5173	745.3
		3	5025	730.5	5095	737.5	5165	744.5
		5	5035	731.5	5095	737.5	5155	743.5
		10	5060	734	5095	737.5	5130	741
13	TX	5	23205	779.5	23230	782	23255	784.5
		10	23230	782	23230	782	23230	782
	RX	5	5205	748.5	5230	751	5255	753.5
		10	5230	751	5230	751	5230	751



NB-IOT:

Operation bands	Mode	Frequencies under Test					
		Uplink			Downlink		
		Range	EARFCN	Frequencies (MHz)	Range	EARFCN	Frequencies (MHz)
4	Standalone	Low	19951	1710.1000	Low	1951	2110.1000
		Mid	20175	1732.5000	Mid	2175	2132.5000
		High	20399	1754.9000	High	2399	2154.9000
12	Standalone	Low	23011	699.1000	Low	5011	729.1000
		Mid	23095	707.5000	Mid	5095	737.5000
		High	23179	715.9000	High	5179	745.9000
13	Standalone	Low	23181	777.1000	Low	5181	746.1000
		Mid	23230	782.0000	Mid	5230	751.0000
		High	23279	786.9000	High	5279	755.9000



2.2 DESCRIPTION OF SUPPORT UNITS

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

Support Equipment							
NO	Description	Brand	Model No.	Serial Number	Supplied by		
1	Adapter	Apple	A1443	101290	Lab		
Support Cable							
NO	Description	Quantity (Number)	Length (cm)	Detachable (Yes/ No)	Shielded (Yes/ No)	Cores (Number)	Supplied by
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A



2.3 TEST CONFIGURATION

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and antenna ports. The worst case in ERP and radiated emission was found when positioned on X-plane. Following channel(s) was (were) selected for the final test as listed below:

EUT CONFIGURE MODE	1.1.1.1.1DESCRIPTION
A	EUT + Adaptor + EMTc link
B	EUT + Adaptor + NB-IOT link

EMTC:

Frequency Bands	Bandwidths (MHz)						Modulation	
	1.4	3	5	10	15	20	QPSK	16QAM
4	√	√	√	√	√	√	√	√
12	√	√	√	√	-	-	√	√
13	-	-	√	√	-	-	√	√

NB-IOT:

Frequency Bands	Bandwidths (MHz)						Modulation		Subcarrier Spacing (kHz)	
	1.4	3	5	10	15	20	BPSK	QPSK	3.75	15
4	√	√	√	√	√	√	√	√	√	√
12	√	√	√	√	-	-	√	√	√	√
13	-	-	√	√	-	-	√	√	√	√

Note: This device was tested under all bandwidths, RB configurations and modulations. Only the worst case was shown in test report.



2.3 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC 47 CFR Part 2

FCC 47 CFR Part 27

KDB 971168 D01 Power Meas License Digital Systems v03

ANSI C63.26-2015

NOTE: All test items have been performed and recorded as per the above standards.



3 TEST TYPES AND RESULTS

3.1 OUTPUT POWER MEASUREMENT

3.1.1 LIMITS OF OUTPUT POWER MEASUREMENT

Fixed, mobile, and portable (hand-held) stations operating in the 1710–1755 MHz band are limited to 1 watt EIRP.

Portable stations (hand-held devices) operating in the 699-716 MHz bands are limited to 3 watts ERP.

The radiated peak output power shall be according to the specific rule Part 27.50(h)(2) that “User stations are limited to 2 watts” and 27.50(i) specific that “Peak transmit power must be measure over any interval of continuous transmission using instrumentation calibration in terms of rms-equivalent voltage.”

3.1.2 TEST PROCEDURES

EIRP / ERP MEASUREMENT:

- a. All measurements were done at low, middle and high operational frequency range. RBW and VBW is 1MHz for GSM & GPRS, 5MHz for WCDMA mode and 10MHz for LTE mode.
- b. $EIRP = \text{Reading (dBm)} + RF \text{ cable loss (dB)} + \text{Antenna Gain (dBi)}$
- c. $E.R.P = E.I.R.P - 2.15 \text{ dB}$

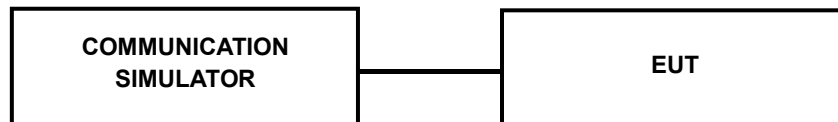
CONDUCTED POWER MEASUREMENT:

- a. The EUT was set up for the maximum power with LTE link data modulation and link up with simulator.
- b. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.



3.1.3 TEST SETUP

EIRP / ERP Measurement / Conducted Power Measurement



3.1.4 TEST RESULTS

EMTC:

Band	Bandwidth h	Modulation	Channel	RB Size	RB Start	NBIndex	Conducted Power(dBm)	EIRP(dB m)	Verdict
Band12	1.4MHz	23017	QPSK	1	0	Low	21.16	12.56	PASS
Band12	1.4MHz	23017	QPSK	1	5	Low	20.99	12.39	PASS
Band12	1.4MHz	23017	QPSK	6	0	Low	19.20	10.6	PASS
Band12	1.4MHz	23095	QPSK	1	0	Low	21.38	12.78	PASS
Band12	1.4MHz	23095	QPSK	1	5	Low	21.19	12.59	PASS
Band12	1.4MHz	23095	QPSK	6	0	Low	19.38	10.78	PASS
Band12	1.4MHz	23173	QPSK	1	0	High	21.28	12.68	PASS
Band12	1.4MHz	23173	QPSK	1	5	High	20.79	12.19	PASS
Band12	1.4MHz	23173	QPSK	6	0	High	19.04	10.44	PASS
Band12	1.4MHz	23017	16QAM	1	0	Low	20.23	11.63	PASS
Band12	1.4MHz	23017	16QAM	1	5	Low	20.06	11.46	PASS
Band12	1.4MHz	23017	16QAM	6	0	Low	19.00	10.4	PASS
Band12	1.4MHz	23095	16QAM	1	0	Low	20.34	11.74	PASS
Band12	1.4MHz	23095	16QAM	1	5	Low	20.23	11.63	PASS
Band12	1.4MHz	23095	16QAM	6	0	Low	19.18	10.58	PASS
Band12	1.4MHz	23173	16QAM	1	0	High	19.89	11.29	PASS
Band12	1.4MHz	23173	16QAM	1	5	High	19.85	11.25	PASS
Band12	1.4MHz	23173	16QAM	6	0	High	19.05	10.45	PASS
Band12	3MHz	23025	QPSK	1	0	Low	21.30	12.7	PASS
Band12	3MHz	23025	QPSK	1	5	Low	20.96	12.36	PASS
Band12	3MHz	23025	QPSK	6	0	Low	19.32	10.72	PASS
Band12	3MHz	23095	QPSK	1	0	Low	21.64	13.04	PASS
Band12	3MHz	23095	QPSK	1	5	Low	21.32	12.72	PASS
Band12	3MHz	23095	QPSK	6	0	Low	19.41	10.81	PASS
Band12	3MHz	23165	QPSK	1	0	High	21.24	12.64	PASS
Band12	3MHz	23165	QPSK	1	5	High	20.85	12.25	PASS
Band12	3MHz	23165	QPSK	6	0	High	19.11	10.51	PASS
Band12	3MHz	23025	16QAM	1	0	Low	20.29	11.69	PASS
Band12	3MHz	23025	16QAM	1	5	Low	20.03	11.43	PASS
Band12	3MHz	23025	16QAM	6	0	Low	19.24	10.64	PASS
Band12	3MHz	23095	16QAM	1	0	Low	20.53	11.93	PASS
Band12	3MHz	23095	16QAM	1	5	Low	20.27	11.67	PASS
Band12	3MHz	23095	16QAM	6	0	Low	19.11	10.51	PASS
Band12	3MHz	23165	16QAM	1	0	High	20.13	11.53	PASS
Band12	3MHz	23165	16QAM	1	5	High	19.91	11.31	PASS
Band12	3MHz	23165	16QAM	6	0	High	19.02	10.42	PASS



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Band12	5MHz	23035	QPSK	1	0	Low	21.78	13.18	PASS
Band12	5MHz	23035	QPSK	1	5	Low	21.11	12.51	PASS
Band12	5MHz	23035	QPSK	6	0	Low	20.26	11.66	PASS
Band12	5MHz	23095	QPSK	1	0	Low	21.44	12.84	PASS
Band12	5MHz	23095	QPSK	1	5	Low	21.29	12.69	PASS
Band12	5MHz	23095	QPSK	6	0	Low	20.50	11.9	PASS
Band12	5MHz	23155	QPSK	1	0	High	21.53	12.93	PASS
Band12	5MHz	23155	QPSK	1	5	High	21.14	12.54	PASS
Band12	5MHz	23155	QPSK	6	0	High	19.99	11.39	PASS
Band12	5MHz	23035	16QAM	1	0	Low	21.99	13.39	PASS
Band12	5MHz	23035	16QAM	1	5	Low	21.65	13.05	PASS
Band12	5MHz	23035	16QAM	6	0	Low	20.19	11.59	PASS
Band12	5MHz	23095	16QAM	1	0	Low	21.69	13.09	PASS
Band12	5MHz	23095	16QAM	1	5	Low	21.78	13.18	PASS
Band12	5MHz	23095	16QAM	6	0	Low	20.34	11.74	PASS
Band12	5MHz	23155	16QAM	1	0	High	21.76	13.16	PASS
Band12	5MHz	23155	16QAM	1	5	High	21.48	12.88	PASS
Band12	5MHz	23155	16QAM	6	0	High	20.00	11.4	PASS
Band12	10MHz	23060	QPSK	1	0	Low	21.84	13.24	PASS
Band12	10MHz	23060	QPSK	1	5	Low	21.08	12.48	PASS
Band12	10MHz	23060	QPSK	6	0	Low	20.23	11.63	PASS
Band12	10MHz	23095	QPSK	1	0	Low	21.63	13.03	PASS
Band12	10MHz	23095	QPSK	1	5	Low	21.15	12.55	PASS
Band12	10MHz	23095	QPSK	6	0	Low	20.41	11.81	PASS
Band12	10MHz	23130	QPSK	1	0	High	21.72	13.12	PASS
Band12	10MHz	23130	QPSK	1	5	High	21.11	12.51	PASS
Band12	10MHz	23130	QPSK	6	0	High	20.38	11.78	PASS
Band12	10MHz	23060	16QAM	1	0	Low	22.00	13.4	PASS
Band12	10MHz	23060	16QAM	1	5	Low	21.41	12.81	PASS
Band12	10MHz	23060	16QAM	6	0	Low	20.24	11.64	PASS
Band12	10MHz	23095	16QAM	1	0	Low	22.05	13.45	PASS
Band12	10MHz	23095	16QAM	1	5	Low	21.49	12.89	PASS
Band12	10MHz	23095	16QAM	6	0	Low	20.25	11.65	PASS
Band12	10MHz	23130	16QAM	1	0	High	21.77	13.17	PASS
Band12	10MHz	23130	16QAM	1	5	High	21.43	12.83	PASS
Band12	10MHz	23130	16QAM	6	0	High	20.09	11.49	PASS
Band13	5MHz	23205	QPSK	1	0	Low	21.79	13.09	PASS
Band13	5MHz	23205	QPSK	1	5	Low	21.42	12.72	PASS
Band13	5MHz	23205	QPSK	6	0	Low	20.22	11.52	PASS
Band13	5MHz	23230	QPSK	1	0	Low	21.51	12.81	PASS
Band13	5MHz	23230	QPSK	1	5	Low	21.40	12.7	PASS
Band13	5MHz	23230	QPSK	6	0	Low	20.47	11.77	PASS
Band13	5MHz	23255	QPSK	1	0	High	21.42	12.72	PASS
Band13	5MHz	23255	QPSK	1	5	High	20.74	12.04	PASS
Band13	5MHz	23255	QPSK	6	0	High	19.68	10.98	PASS
Band13	5MHz	23205	16QAM	1	0	Low	22.12	13.42	PASS
Band13	5MHz	23205	16QAM	1	5	Low	21.37	12.67	PASS
Band13	5MHz	23205	16QAM	6	0	Low	20.22	11.52	PASS
Band13	5MHz	23230	16QAM	1	0	Low	21.80	13.1	PASS
Band13	5MHz	23230	16QAM	1	5	Low	21.67	12.97	PASS



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Band13	5MHz	23230	16QAM	6	0	Low	20.28	11.58	PASS
Band13	5MHz	23255	16QAM	1	0	High	21.59	12.89	PASS
Band13	5MHz	23255	16QAM	1	5	High	21.22	12.52	PASS
Band13	5MHz	23255	16QAM	6	0	High	19.87	11.17	PASS
Band13	10MHz	23230	QPSK	1	0	Low	21.51	12.81	PASS
Band13	10MHz	23230	QPSK	1	5	Low	21.05	12.35	PASS
Band13	10MHz	23230	QPSK	6	0	Low	20.23	11.53	PASS
Band13	10MHz	23230	16QAM	1	0	Low	21.88	13.18	PASS
Band13	10MHz	23230	16QAM	1	5	Low	21.24	12.54	PASS
Band13	10MHz	23230	16QAM	6	0	Low	20.12	11.42	PASS
Band4	1.4MHz	19957	QPSK	1	0	Low	21.84	19.54	PASS
Band4	1.4MHz	19957	QPSK	1	5	Low	21.64	19.34	PASS
Band4	1.4MHz	19957	QPSK	6	0	Low	19.63	17.33	PASS
Band4	1.4MHz	20175	QPSK	1	0	Low	21.30	19	PASS
Band4	1.4MHz	20175	QPSK	1	5	Low	21.09	18.79	PASS
Band4	1.4MHz	20175	QPSK	6	0	Low	19.17	16.87	PASS
Band4	1.4MHz	20393	QPSK	1	0	High	21.45	19.15	PASS
Band4	1.4MHz	20393	QPSK	1	5	High	21.32	19.02	PASS
Band4	1.4MHz	20393	QPSK	6	0	High	19.16	16.86	PASS
Band4	1.4MHz	19957	16QAM	1	0	Low	20.69	18.39	PASS
Band4	1.4MHz	19957	16QAM	1	5	Low	20.48	18.18	PASS
Band4	1.4MHz	19957	16QAM	6	0	Low	19.63	17.33	PASS
Band4	1.4MHz	20175	16QAM	1	0	Low	20.14	17.84	PASS
Band4	1.4MHz	20175	16QAM	1	5	Low	19.91	17.61	PASS
Band4	1.4MHz	20175	16QAM	6	0	Low	19.17	16.87	PASS
Band4	1.4MHz	20393	16QAM	1	0	High	20.43	18.13	PASS
Band4	1.4MHz	20393	16QAM	1	5	High	20.29	17.99	PASS
Band4	1.4MHz	20393	16QAM	6	0	High	19.26	16.96	PASS
Band4	3MHz	19965	QPSK	1	0	Low	21.55	19.25	PASS
Band4	3MHz	19965	QPSK	1	5	Low	21.44	19.14	PASS
Band4	3MHz	19965	QPSK	6	0	Low	19.53	17.23	PASS
Band4	3MHz	20175	QPSK	1	0	Low	21.48	19.18	PASS
Band4	3MHz	20175	QPSK	1	5	Low	21.40	19.1	PASS
Band4	3MHz	20175	QPSK	6	0	Low	19.10	16.8	PASS
Band4	3MHz	20385	QPSK	1	0	High	21.33	19.03	PASS
Band4	3MHz	20385	QPSK	1	5	High	21.12	18.82	PASS
Band4	3MHz	20385	QPSK	6	0	High	19.16	16.86	PASS
Band4	3MHz	19965	16QAM	1	0	Low	20.53	18.23	PASS
Band4	3MHz	19965	16QAM	1	5	Low	20.43	18.13	PASS
Band4	3MHz	19965	16QAM	6	0	Low	19.54	17.24	PASS
Band4	3MHz	20175	16QAM	1	0	Low	20.22	17.92	PASS
Band4	3MHz	20175	16QAM	1	5	Low	20.03	17.73	PASS
Band4	3MHz	20175	16QAM	6	0	Low	19.10	16.8	PASS
Band4	3MHz	20385	16QAM	1	0	High	20.31	18.01	PASS
Band4	3MHz	20385	16QAM	1	5	High	20.09	17.79	PASS
Band4	3MHz	20385	16QAM	6	0	High	19.16	16.86	PASS
Band4	5MHz	19975	QPSK	1	0	Low	21.71	19.41	PASS
Band4	5MHz	19975	QPSK	1	5	Low	21.08	18.78	PASS
Band4	5MHz	19975	QPSK	6	0	Low	20.20	17.9	PASS
Band4	5MHz	20175	QPSK	1	0	Low	21.41	19.11	PASS



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Band4	5MHz	20175	QPSK	1	5	Low	21.12	18.82	PASS
Band4	5MHz	20175	QPSK	6	0	Low	20.00	17.7	PASS
Band4	5MHz	20375	QPSK	1	0	High	21.35	19.05	PASS
Band4	5MHz	20375	QPSK	1	5	High	21.30	19	PASS
Band4	5MHz	20375	QPSK	6	0	High	20.45	18.15	PASS
Band4	5MHz	19975	16QAM	1	0	Low	22.12	19.82	PASS
Band4	5MHz	19975	16QAM	1	5	Low	21.43	19.13	PASS
Band4	5MHz	19975	16QAM	6	0	Low	20.25	17.95	PASS
Band4	5MHz	20175	16QAM	1	0	Low	21.61	19.31	PASS
Band4	5MHz	20175	16QAM	1	5	Low	21.42	19.12	PASS
Band4	5MHz	20175	16QAM	6	0	Low	20.00	17.7	PASS
Band4	5MHz	20375	16QAM	1	0	High	21.61	19.31	PASS
Band4	5MHz	20375	16QAM	1	5	High	21.54	19.24	PASS
Band4	5MHz	20375	16QAM	6	0	High	20.36	18.06	PASS
Band4	10MHz	20000	QPSK	1	0	Low	21.78	19.48	PASS
Band4	10MHz	20000	QPSK	1	5	Low	21.33	19.03	PASS
Band4	10MHz	20000	QPSK	6	0	Low	21.19	18.89	PASS
Band4	10MHz	20175	QPSK	1	0	Low	21.39	19.09	PASS
Band4	10MHz	20175	QPSK	1	5	Low	21.10	18.8	PASS
Band4	10MHz	20175	QPSK	6	0	Low	19.95	17.65	PASS
Band4	10MHz	20350	QPSK	1	0	High	21.29	18.99	PASS
Band4	10MHz	20350	QPSK	1	5	High	21.19	18.89	PASS
Band4	10MHz	20350	QPSK	6	0	High	20.44	18.14	PASS
Band4	10MHz	20000	16QAM	1	0	Low	21.24	18.94	PASS
Band4	10MHz	20000	16QAM	1	5	Low	20.78	18.48	PASS
Band4	10MHz	20000	16QAM	6	0	Low	21.56	19.26	PASS
Band4	10MHz	20175	16QAM	1	0	Low	21.84	19.54	PASS
Band4	10MHz	20175	16QAM	1	5	Low	21.33	19.03	PASS
Band4	10MHz	20175	16QAM	6	0	Low	19.96	17.66	PASS
Band4	10MHz	20350	16QAM	1	0	High	21.82	19.52	PASS
Band4	10MHz	20350	16QAM	1	5	High	21.66	19.36	PASS
Band4	10MHz	20350	16QAM	6	0	High	20.26	17.96	PASS
Band4	15MHz	20025	QPSK	1	0	Low	21.72	19.42	PASS
Band4	15MHz	20025	QPSK	1	5	Low	20.96	18.66	PASS
Band4	15MHz	20025	QPSK	6	0	Low	20.90	18.6	PASS
Band4	15MHz	20175	QPSK	1	0	Low	21.27	18.97	PASS
Band4	15MHz	20175	QPSK	1	5	Low	21.08	18.78	PASS
Band4	15MHz	20175	QPSK	6	0	Low	21.19	18.89	PASS
Band4	15MHz	20325	QPSK	1	0	High	21.19	18.89	PASS
Band4	15MHz	20325	QPSK	1	5	High	21.06	18.76	PASS
Band4	15MHz	20325	QPSK	6	0	High	21.16	18.86	PASS
Band4	15MHz	20025	16QAM	1	0	Low	21.96	19.66	PASS
Band4	15MHz	20025	16QAM	1	5	Low	21.70	19.4	PASS
Band4	15MHz	20025	16QAM	6	0	Low	21.28	18.98	PASS
Band4	15MHz	20175	16QAM	1	0	Low	21.78	19.48	PASS
Band4	15MHz	20175	16QAM	1	5	Low	21.33	19.03	PASS
Band4	15MHz	20175	16QAM	6	0	Low	21.19	18.89	PASS
Band4	15MHz	20325	16QAM	1	0	High	21.70	19.4	PASS
Band4	15MHz	20325	16QAM	1	5	High	21.54	19.24	PASS
Band4	15MHz	20325	16QAM	6	0	High	21.16	18.86	PASS



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Band4	20MHz	20050	QPSK	1	0	Low	21.83	19.53	PASS
Band4	20MHz	20050	QPSK	1	5	Low	21.64	19.34	PASS
Band4	20MHz	20050	QPSK	6	0	Low	21.71	19.41	PASS
Band4	20MHz	20175	QPSK	1	0	Low	21.47	19.17	PASS
Band4	20MHz	20175	QPSK	1	5	Low	21.04	18.74	PASS
Band4	20MHz	20175	QPSK	6	0	Low	21.13	18.83	PASS
Band4	20MHz	20300	QPSK	1	0	High	21.17	18.87	PASS
Band4	20MHz	20300	QPSK	1	5	High	21.12	18.82	PASS
Band4	20MHz	20300	QPSK	6	0	High	21.23	18.93	PASS
Band4	20MHz	20050	16QAM	1	0	Low	21.99	19.69	PASS
Band4	20MHz	20050	16QAM	1	5	Low	21.85	19.55	PASS
Band4	20MHz	20050	16QAM	6	0	Low	21.55	19.25	PASS
Band4	20MHz	20175	16QAM	1	0	Low	21.85	19.55	PASS
Band4	20MHz	20175	16QAM	1	5	Low	21.28	18.98	PASS
Band4	20MHz	20175	16QAM	6	0	Low	21.12	18.82	PASS
Band4	20MHz	20300	16QAM	1	0	High	21.65	19.35	PASS
Band4	20MHz	20300	16QAM	1	5	High	21.54	19.24	PASS
Band4	20MHz	20300	16QAM	6	0	High	21.15	18.85	PASS

NB-IOT:

Band	OpMode	SCS	Modu	Channel	Tones	Conduct ed Power (dBm)	EIRP (dBm)	Verdict
Band12	Stand-Alone	3.75kHz	BPSK	23011	1@0	21.90	13.3	PASS
Band12	Stand-Alone	3.75kHz	BPSK	23011	1@47	21.90	13.3	PASS
Band12	Stand-Alone	3.75kHz	BPSK	23095	1@0	22.07	13.47	PASS
Band12	Stand-Alone	3.75kHz	BPSK	23095	1@47	22.02	13.42	PASS
Band12	Stand-Alone	3.75kHz	BPSK	23179	1@0	21.98	13.38	PASS
Band12	Stand-Alone	3.75kHz	BPSK	23179	1@47	21.92	13.32	PASS
Band12	Stand-Alone	3.75kHz	QPSK	23011	1@0	21.94	13.34	PASS
Band12	Stand-Alone	3.75kHz	QPSK	23011	1@47	21.89	13.29	PASS
Band12	Stand-Alone	3.75kHz	QPSK	23095	1@0	22.10	13.5	PASS
Band12	Stand-Alone	3.75kHz	QPSK	23095	1@47	22.03	13.43	PASS
Band12	Stand-Alone	3.75kHz	QPSK	23179	1@0	22.05	13.45	PASS
Band12	Stand-Alone	3.75kHz	QPSK	23179	1@47	21.98	13.38	PASS
Band12	Stand-Alone	15kHz	BPSK	23011	1@0	21.66	13.06	PASS
Band12	Stand-Alone	15kHz	BPSK	23011	1@11	21.64	13.04	PASS
Band12	Stand-Alone	15kHz	BPSK	23011	3@3	21.72	13.12	PASS
Band12	Stand-Alone	15kHz	BPSK	23095	1@0	21.75	13.15	PASS
Band12	Stand-Alone	15kHz	BPSK	23095	1@11	21.76	13.16	PASS
Band12	Stand-Alone	15kHz	BPSK	23095	3@3	21.87	13.27	PASS
Band12	Stand-Alone	15kHz	BPSK	23179	1@0	21.80	13.2	PASS
Band12	Stand-Alone	15kHz	BPSK	23179	1@11	21.68	13.08	PASS
Band12	Stand-Alone	15kHz	BPSK	23179	3@3	21.88	13.28	PASS
Band12	Stand-Alone	15kHz	QPSK	23011	1@0	21.75	13.15	PASS
Band12	Stand-Alone	15kHz	QPSK	23011	1@11	21.70	13.1	PASS
Band12	Stand-Alone	15kHz	QPSK	23011	3@3	21.81	13.21	PASS
Band12	Stand-Alone	15kHz	QPSK	23095	1@0	21.88	13.28	PASS
Band12	Stand-Alone	15kHz	QPSK	23095	1@11	21.81	13.21	PASS



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Band12	Stand-Alone	15kHz	QPSK	23095	3@3	21.81	13.21	PASS
Band12	Stand-Alone	15kHz	QPSK	23179	1@0	21.88	13.28	PASS
Band12	Stand-Alone	15kHz	QPSK	23179	1@11	21.75	13.15	PASS
Band12	Stand-Alone	15kHz	QPSK	23179	3@3	21.82	13.22	PASS
Band13	Stand-Alone	3.75kHz	BPSK	23181	1@0	22.39	13.69	PASS
Band13	Stand-Alone	3.75kHz	BPSK	23181	1@47	22.38	13.68	PASS
Band13	Stand-Alone	3.75kHz	BPSK	23230	1@0	22.19	13.49	PASS
Band13	Stand-Alone	3.75kHz	BPSK	23230	1@47	22.14	13.44	PASS
Band13	Stand-Alone	3.75kHz	BPSK	23279	1@0	21.93	13.23	PASS
Band13	Stand-Alone	3.75kHz	BPSK	23279	1@47	21.98	13.28	PASS
Band13	Stand-Alone	3.75kHz	QPSK	23181	1@0	22.40	13.7	PASS
Band13	Stand-Alone	3.75kHz	QPSK	23181	1@47	22.35	13.65	PASS
Band13	Stand-Alone	3.75kHz	QPSK	23230	1@0	22.00	13.3	PASS
Band13	Stand-Alone	3.75kHz	QPSK	23230	1@47	22.17	13.47	PASS
Band13	Stand-Alone	3.75kHz	QPSK	23279	1@0	21.88	13.18	PASS
Band13	Stand-Alone	3.75kHz	QPSK	23279	1@47	21.98	13.28	PASS
Band13	Stand-Alone	15kHz	BPSK	23181	1@0	22.52	13.82	PASS
Band13	Stand-Alone	15kHz	BPSK	23181	1@11	22.48	13.78	PASS
Band13	Stand-Alone	15kHz	BPSK	23181	3@3	22.22	13.52	PASS
Band13	Stand-Alone	15kHz	BPSK	23230	1@0	22.03	13.33	PASS
Band13	Stand-Alone	15kHz	BPSK	23230	1@11	21.90	13.2	PASS
Band13	Stand-Alone	15kHz	BPSK	23230	3@3	22.05	13.35	PASS
Band13	Stand-Alone	15kHz	BPSK	23279	1@0	21.77	13.07	PASS
Band13	Stand-Alone	15kHz	BPSK	23279	1@11	21.75	13.05	PASS
Band13	Stand-Alone	15kHz	BPSK	23279	3@3	21.84	13.14	PASS
Band13	Stand-Alone	15kHz	QPSK	23181	1@0	22.51	13.81	PASS
Band13	Stand-Alone	15kHz	QPSK	23181	1@11	22.42	13.72	PASS
Band13	Stand-Alone	15kHz	QPSK	23181	3@3	22.24	13.54	PASS
Band13	Stand-Alone	15kHz	QPSK	23230	1@0	21.97	13.27	PASS
Band13	Stand-Alone	15kHz	QPSK	23230	1@11	21.84	13.14	PASS
Band13	Stand-Alone	15kHz	QPSK	23230	3@3	22.09	13.39	PASS
Band13	Stand-Alone	15kHz	QPSK	23279	1@0	21.83	13.13	PASS
Band13	Stand-Alone	15kHz	QPSK	23279	1@11	21.75	13.05	PASS
Band13	Stand-Alone	15kHz	QPSK	23279	3@3	21.93	13.23	PASS
Band4	Stand-Alone	3.75kHz	BPSK	19951	1@0	22.30	20	PASS
Band4	Stand-Alone	3.75kHz	BPSK	19951	1@47	22.26	19.96	PASS
Band4	Stand-Alone	3.75kHz	BPSK	20175	1@0	22.07	19.77	PASS
Band4	Stand-Alone	3.75kHz	BPSK	20175	1@47	21.84	19.54	PASS
Band4	Stand-Alone	3.75kHz	BPSK	20399	1@0	21.71	19.41	PASS
Band4	Stand-Alone	3.75kHz	BPSK	20399	1@47	21.70	19.4	PASS
Band4	Stand-Alone	3.75kHz	QPSK	19951	1@0	22.34	20.04	PASS
Band4	Stand-Alone	3.75kHz	QPSK	19951	1@47	22.23	19.93	PASS
Band4	Stand-Alone	3.75kHz	QPSK	20175	1@0	21.91	19.61	PASS
Band4	Stand-Alone	3.75kHz	QPSK	20175	1@47	21.87	19.57	PASS
Band4	Stand-Alone	3.75kHz	QPSK	20399	1@0	21.76	19.46	PASS
Band4	Stand-Alone	3.75kHz	QPSK	20399	1@47	21.63	19.33	PASS
Band4	Stand-Alone	15kHz	BPSK	19951	1@0	22.56	20.26	PASS
Band4	Stand-Alone	15kHz	BPSK	19951	1@11	22.54	20.24	PASS
Band4	Stand-Alone	15kHz	BPSK	19951	3@3	22.08	19.78	PASS
Band4	Stand-Alone	15kHz	BPSK	20175	1@0	21.66	19.36	PASS



Band4	Stand-Alone	15kHz	BPSK	20175	1@11	21.81	19.51	PASS
Band4	Stand-Alone	15kHz	BPSK	20175	3@3	21.79	19.49	PASS
Band4	Stand-Alone	15kHz	BPSK	20399	1@0	21.60	19.3	PASS
Band4	Stand-Alone	15kHz	BPSK	20399	1@11	20.41	18.11	PASS
Band4	Stand-Alone	15kHz	BPSK	20399	3@3	21.79	19.49	PASS
Band4	Stand-Alone	15kHz	QPSK	19951	1@0	22.13	19.83	PASS
Band4	Stand-Alone	15kHz	QPSK	19951	1@11	22.25	19.95	PASS
Band4	Stand-Alone	15kHz	QPSK	19951	3@3	22.10	19.8	PASS
Band4	Stand-Alone	15kHz	QPSK	20175	1@0	21.77	19.47	PASS
Band4	Stand-Alone	15kHz	QPSK	20175	1@11	21.72	19.42	PASS
Band4	Stand-Alone	15kHz	QPSK	20175	3@3	21.83	19.53	PASS
Band4	Stand-Alone	15kHz	QPSK	20399	1@0	20.51	18.21	PASS
Band4	Stand-Alone	15kHz	QPSK	20399	1@11	20.47	18.17	PASS
Band4	Stand-Alone	15kHz	QPSK	20399	3@3	21.79	19.49	PASS

3.2 FREQUENCY STABILITY MEASUREMENT

3.2.1 LIMITS OF FREQUENCY STABILITY MEASUREMENT

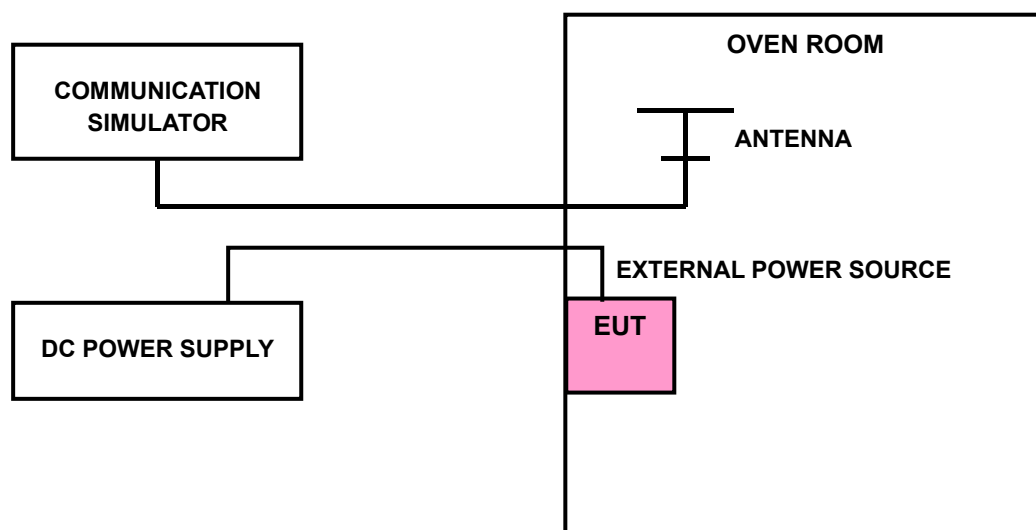
The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

3.2.2 TEST PROCEDURE

- Device is placed at the oven room. The oven room could control the temperatures and humidity. Power warm up is at least 15 min and power applied should perform before recording frequency error.
- EUT is connected the external power supply to control the DC input power. The test voltage range is from minimum to maximum working voltage. Each step shall be record the frequency error rate.
- The temperature range step is 10 degrees in this test items. All temperature levels shall be hold the $\pm 0.5^{\circ}\text{C}$ during the measurement testing. The each temperature step shall be at least 0.5 hours, consider the EUT could be test under the stability condition.

NOTE: The frequency error was recorded frequency error from the communication simulator.

3.2.3 TEST SETUP





3.2.4 TEST RESULTS

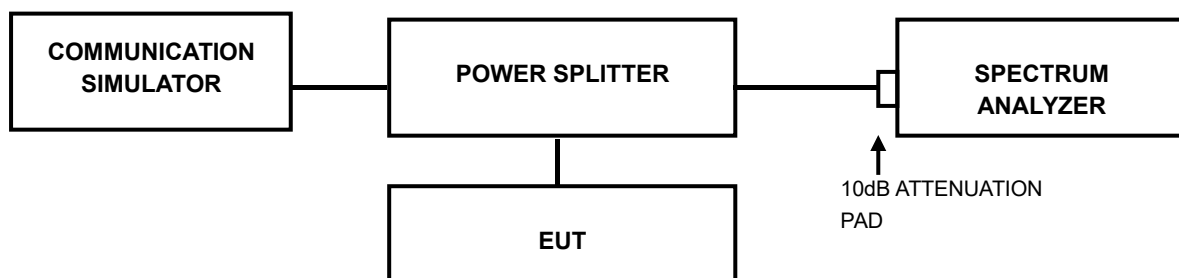
Refer to the report of module.

3.3 OCCUPIED BANDWIDTH MEASUREMENT

3.3.1 LIMITS OF OCCUPIED BANDWIDTH MEASUREMENT

The width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5 %of the total mean power of a given emission.

3.3.2 TEST SETUP



3.3.3 TEST PROCEDURES

- The conducted occupied bandwidth used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer.
- Use OBW measurement function of Spectrum analyzer to measure 99 % occupied bandwidth.

3.3.4 TEST RESULTS

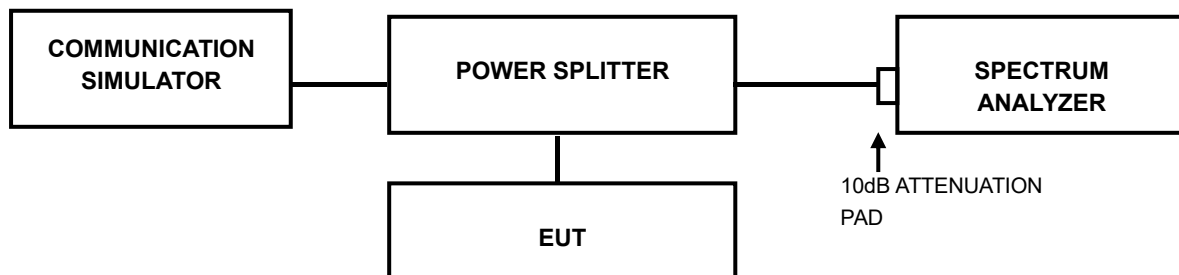
Refer to the report of module.

3.4 PEAK TO AVERAGE RATIO

3.4.1 LIMITS OF PEAK TO AVERAGE RATIO MEASUREMENT

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB

3.4.2 TEST SETUP



3.4.3 TEST PROCEDURES

1. Set resolution/measurement bandwidth $\geq$ signal's occupied bandwidth;
2. Set the number of counts to a value that stabilizes the measured CCDF curve;
3. Record the maximum PAPR level associated with a probability of 0.1%.

3.4.4 TEST RESULT

Refer to the report of module.

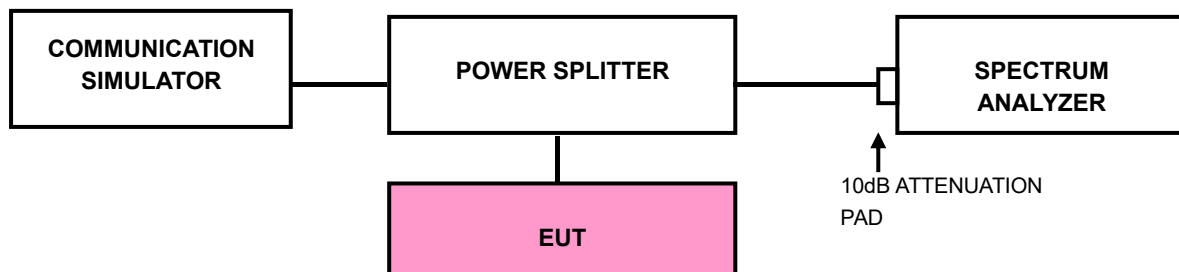
3.5 BAND EDGE MEASUREMENT

3.5.1 LIMITS OF BAND EDGE MEASUREMENT

The power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater.

However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

3.5.2 TEST SETUP





3.5.3 TEST PROCEDURES

- a. The EUT was set up for the maximum peak power with LTE link data modulation. The power was measured with R&S Spectrum Analyzer. All measurements were done at 2 channels (low and high operational frequency range.).
- b. The band edge measurement used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer.
- c. The center frequency of spectrum is the band edge frequency and span is 1~5 MHz. RBW of the spectrum is 30kHz and VBW of the spectrum is 100 kHz. (LTE bandwidth 1.4MHz)
- d. The center frequency of spectrum is the band edge frequency and span is 1~5 MHz. RBW of the spectrum is 30kHz and VBW of the spectrum is 100kHz. (LTE bandwidth 3MHz)
- e. The center frequency of spectrum is the band edge frequency and span is 1~5 MHz. RBW of the spectrum is 100kHz and VBW of the spectrum is 300kHz. (LTE bandwidth 5MHz)
- f. The center frequency of spectrum is the band edge frequency and span is 1~5 MHz. RBW of the spectrum is 200kHz and VBW of the spectrum is 1MHz. (LTE bandwidth 10MHz)
- g. The center frequency of spectrum is the band edge frequency and span is 1~5 MHz. RBW of the spectrum is 300kHz and VBW of the spectrum is 1MHz. (LTE bandwidth 15MHz)
- h. The center frequency of spectrum is the band edge frequency and span is 1~5 MHz. RBW of the spectrum is 200kHz and VBW of the spectrum is 1MHz. (LTE bandwidth 20MHz)
- i. Record the max trace plot into the test report.

3.5.4 TEST RESULTS

Refer to the report of module.

3.6 CONDUCTED SPURIOUS EMISSIONS

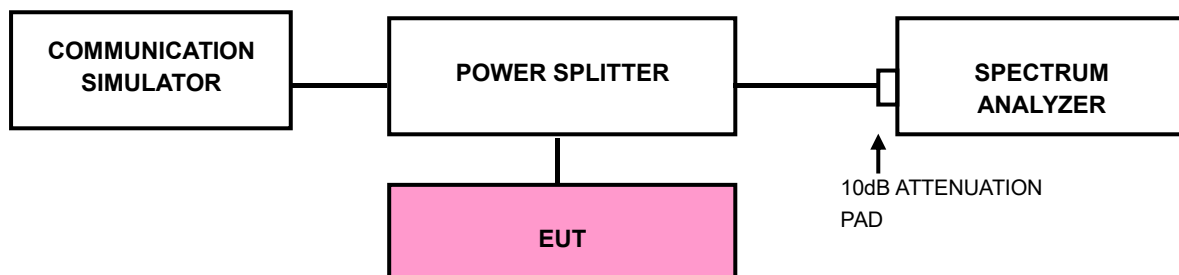
3.6.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB. The limit of emission equal to -13dBm

3.6.2 TEST PROCEDURE

- The EUT makes a phone call to the communication simulator. All measurements were done at middle operational frequency range.
- Measuring frequency range is from 30 MHz to 19.1GHz for LTE Band 4 and 30 MHz to 9GHz for LTE Band 12. 10dB attenuation pad is connected with spectrum. RBW=1MHz and VBW=3MHz are used for conducted emission measurement.

3.6.3 TEST SETUP



3.6.4 TEST RESULTS

Refer to the report of module.



3.7 RADIATED EMISSION MEASUREMENT

3.7.1 LIMITS OF RADIATED EMISSION MEASUREMENT

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB. The limit of emission equal to -13dBm

3.7.2 TEST PROCEDURES

- a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value" of step a. Record the power level of S.G
- c. $\text{EIRP} = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn}.$
- d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, $\text{E.R.P power} = \text{E.I.P.R power} - 2.15\text{dBi}.$

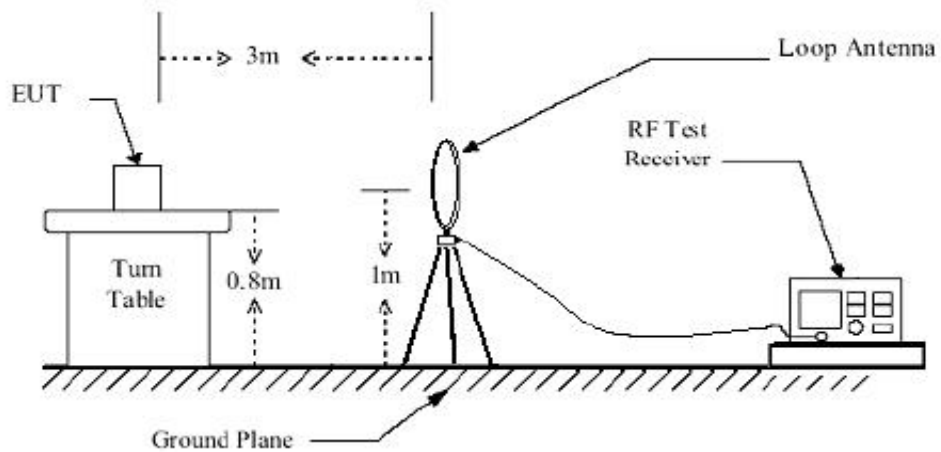
NOTE: The resolution bandwidth of spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz.

3.7.3 DEVIATION FROM TEST STANDARD

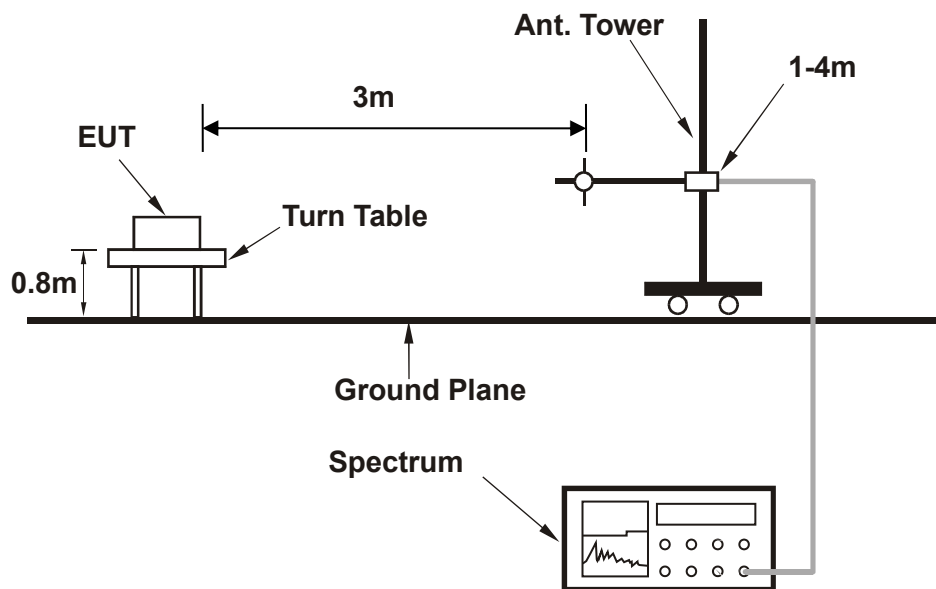
No deviation

3.7.4 TEST SETUP

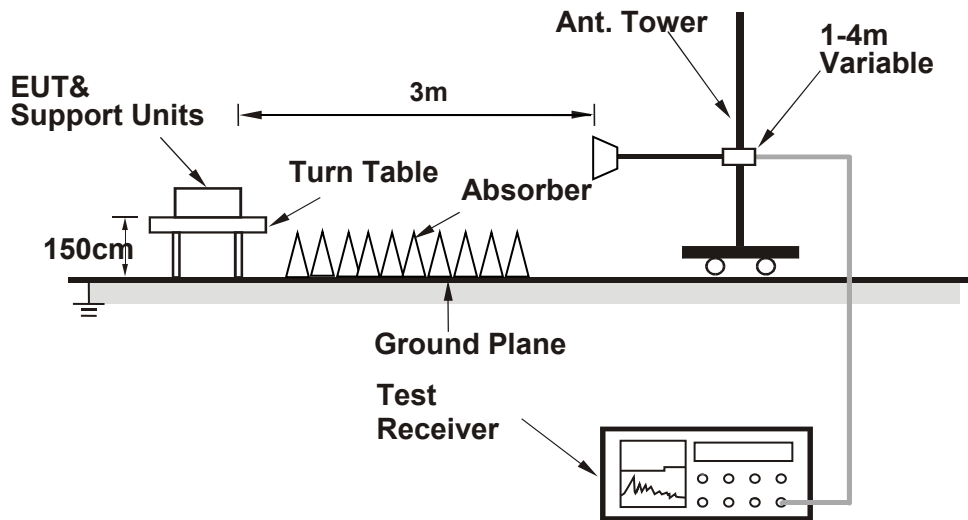
<Below 30MHz>



< Frequency Range 30MHz~1GHz >



< Frequency Range above 1GHz >



For the actual test configuration, please refer to the attached file (Test Setup Photo).

3.7.5 TEST RESULTS

Refer to attached Part 27 radiated emission Test Data.



4 PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).



5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No modifications were made to the EUT by the lab during the test.



Important

- (1) The test report is valid with the official seal of the laboratory and the signatures of Test engineer, Author and Reviewer simultaneously.
- (2) The test report is invalid if altered.
- (3) Any photocopies or part photocopies in the test report are forbidden without the written permission from the laboratory.
- (4) Objections to the test report must be submitted to the laboratory within 15 days.
- (5) Generally, commission test is responsible for the tested samples only.

Address of the laboratory:

Vkan Certification & Testing Co., Ltd.

Address:

No.3, Tiantaiyi Road, Kaitai Avenue, Science City, Guangzhou, China

Post Code : 510663 Tel : 020-32293888

FAX : 020-32293889 E-mail : office@cvc.org.cn

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