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FCC REPORT

Report Reference No. ..... :	**CHTEW21110230** Report Verification:
Project No..... :	**SHT2111009301EW**
FCC ID ..... :	**Q5ET60Y**
Applicant's name ..... :	**Kirisun Communication Co.,Ltd.**
Address.....:	3rd Floor, Building A, Tongfang Information Habour, No.11 Langshan Road, Nanshan District, Shenzhen 518057,P.R.China
Test item description ..... :	**PoC Two-way Radio**
Trade Mark .....:	KIRISUN
Model/Type reference.....:	T60
Listed Model(s) .....:	T65, iTALK 220, iTALK 200
Standard ..... :	**FCC CFR Title 47 Part 2** **FCC CFR Title 47 Part 22** **FCC CFR Title 47 Part 24** **FCC CFR Title 47 Part 27**
Date of receipt of test sample.....:	Nov.09, 2021
Date of testing.....:	Nov.09, 2021- Nov.29, 2021
Date of issue.....:	Nov.30, 2021
Result.....:	**Pass**

Compiled by (position+printedname+signature)...:	File administrators Fanghui Zhu	Fanghui Zhu
Supervised by (position+printedname+signature)....:	Project Engineer Cheng Xiao	ChengXiao
Approved by (position+printedname+signature)....:	Manager Hans Hu	HansHu

Testing Laboratory Name ..... :	**Shenzhen Huatongwei International Inspection Co., Ltd.**
Address.....:	1/F, Bldg 3, Hongfa Hi-tech Industrial Park, Genyu Road, Tianliao, Gongming, Shenzhen, China

Contents

1. TEST STANDARDS AND REPORT VERSION

1.1. Applicable Standards

The tests were performed according to following standards:

FCC Rules Part 2: FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS; GENERAL RULES AND REGULATIONS
FCC Rules Part 22: PUBLIC MOBILE SERVICES
FCC Rules Part 24: PERSONAL COMMUNICATIONS SERVICES
FCC Rules Part 27: MISCELLANEOUS WIRELESS COMMUNICATIONS SERVICES
ANSI C63.26: 2015: American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services
KDB 971168 D01 Power Meas License Digital Systems v03: MEASUREMENT GUIDANCE FOR CERTIFICATION OF LICENSED DIGITAL TRANSMITTERS

1.2. Report version information

Revision No.	Date of issue	Description
N/A	2021-11-30	Original

2. Test Description

Test Item	Section in CFR 47	Result	Test Engineer
Conducted Output Power	Part 2.1046 Part 22.913(a) Part 24.232(c) Part 27.50	Pass	Tiancheng.Huang
Peak-to-Average Ratio	Part 24.232 Part 27.50	Pass	Tiancheng.Huang
99% Occupied Bandwidth & 26 dB Bandwidth	Part 2.1049 Part 22.917(b) Part 24.238(b) Part 27.53	Pass	Tiancheng.Huang
Band Edge	Part 2.1051 Part 22.917 Part 24.238 Part 27.53	Pass	Tiancheng.Huang
Conducted Spurious Emissions	Part 2.1051 Part 22.917 Part 24.238 Part 27.53	Pass	Tiancheng.Huang
Frequency stability VS Temperature	Part 2.1055(a)(1)(b) Part 22.355 Part 24.235 Part 27.54	Pass	Tiancheng.Huang
Frequency stability VS Voltage	Part 2.1055(d)(1)(2) Part 22.355 Part 24.235 Part 27.54	Pass	Tiancheng.Huang
ERP and EIRP	Part 22.913(a) Part 24.232(b) Part 27.50	Pass	Tiancheng.Huang
Radiated Spurious Emissions	Part 2.1053 Part 22.917 Part 24.238 Part 27.53	Pass	Quanhai Deng

Note: The measurement uncertainty is not included in the test result.

3. SUMMARY

3.1. Client Information

Applicant:	Kirisun Communication Co.,Ltd.
Address:	3rd Floor, Building A, Tongfang Information Habour, No.11 Langshan Road, Nanshan District, Shenzhen 518057,P.R.China
Manufacturer:	Kirisun Communication Co.,Ltd.
Address:	3rd Floor, Building A, Tongfang Information Habour, No.11 Langshan Road, Nanshan District, Shenzhen 518057,P.R.China

3.2. Product Description

Name of EUT:	PoC Two-way Radio		
Trade Mark:	KIRISUN		
Model No.:	T60		
Listed Model(s):	T65, iTALK 220, iTALK 200		
SIM Information:	Support Two SIM Card		
Power supply:	DC3.7V for battery		
Adapter information:	Model: FJ-SW2050501000U Input: 100-204Va.c., 50/60Hz 0.25A Max Output: 5Vd.c., 1A		
Rapid Charger:	Model:KBC-W65 Input:DC 5V 1000mA Output: DC 5V 700mA		
Hardware version:	V1.5		
Software version:	V1.4		
4G			
Operation Band:	☒ FDD Band 2	☒ FDD Band 4	☒ FDD Band 5
	☒ FDD Band 7	☒ FDD Band 12	☒ FDD Band 13
	☒ FDD Band 25	☒ FDD Band 26	
Transmit frequency:	FDD Band 2:	1850.7 MHz – 1909.3 MHz	
	FDD Band 4:	1710.7 MHz – 1754.3 MHz	
	FDD Band 5:	824.7 MHz – 848.3 MHz	
	FDD Band 7:	2502.5 MHz – 2567.5 MHz	
	FDD Band 12:	699.7 MHz – 715.3 MHz	
	FDD Band 13:	779.5 MHz – 784.5 MHz	
	FDD Band 25:	1850.7 MHz- 1914.3 MHz	
	FDD Band 26:	824.7 MHz – 848.3 MHz	

Receive frequency:	FDD Band 2:	1930.7 MHz – 1989.3 MHz
	FDD Band 4:	2110.7 MHz – 2154.3 MHz
	FDD Band 5:	869.7 MHz – 893.3 MHz
	FDD Band 7:	2622.5 MHz – 2687.5 MHz
	FDD Band 12:	729.7 MHz – 745.3 MHz
	FDD Band 13:	748.5 MHz – 753.5 MHz
	FDD Band 25:	1930.7 MHz- 1994.3 MHz
	FDD Band 26:	869.7 MHz – 893.3 MHz
Channel bandwidth:	FDD Band 2:	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	FDD Band 4:	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	FDD Band 5:	1.4MHz, 3MHz, 5MHz, 10MHz
	FDD Band 7:	5MHz, 10MHz, 15MHz, 20MHz
	FDD Band 12:	1.4MHz, 3MHz, 5MHz, 10MHz
	FDD Band 13:	5MHz, 10MHz
	FDD Band 25:	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz
	FDD Band 26:	1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz
Power Class:	Class 3	
Modulation type:	QPSK, 16QAM	
Antenna type:	SMA Antenna	
Antenna Gain	Band2:2dBi Band4:2dBi Band5:2 dBi Band7:2dBi Band12:2dBi Band13:2dBi Band25:2dBi Band26:2dBi	

3.3. Operation state

➢ **Test frequency list**

FDD Band 2

Test Frequency ID	Bandwidth [MHz]	N_{UL}	Frequency of Uplink [MHz]	N_{DL}	Frequency of Downlink [MHz]
Low Range	1.4	18607	1850.7	607	1930.7
	3	18615	1851.5	615	1931.5
	5	18625	1852.5	625	1932.5
	10	18650	1855	650	1935
	15 [1]	18675	1857.5	675	1937.5
	20 [1]	18700	1860	700	1940
Mid Range	1.4/3/5/10 15 [1]/20 [1]	18900	1880	900	1960
High Range	1.4	19193	1909.3	1193	1989.3
	3	19185	1908.5	1185	1988.5
	5	19175	1907.5	1175	1987.5
	10	19150	1905	1150	1985
	15 [1]	19125	1902.5	1125	1982.5
	20 [1]	19100	1900	1100	1980
NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement (TS 36.101 [27] Clause 7.3) is allowed.					

FDD Band 4

Test Frequency ID	Bandwidth [MHz]	N_{UL}	Frequency of Uplink [MHz]	N_{DL}	Frequency of Downlink [MHz]
Low Range	1.4	19957	1710.7	1957	2110.7
	3	19965	1711.5	1965	2111.5
	5	19975	1712.5	1975	2112.5
	10	20000	1715	2000	2115
	15	20025	1717.5	2025	2117.5
	20	20050	1720	2050	2120
Mid Range	1.4/3/5/10/15/20	20175	1732.5	2175	2132.5
High Range	1.4	20393	1754.3	2393	2154.3
	3	20385	1753.5	2385	2153.5
	5	20375	1752.5	2375	2152.5
	10	20350	1750	2350	2150
	15	20325	1747.5	2325	2147.5
	20	20300	1745	2300	2145

FDD Band 5

Test Frequency ID	Bandwidth [MHz]	N_{UL}	Frequency of Uplink [MHz]	N_{DL}	Frequency of Downlink [MHz]
Low Range	1.4	20407	824.7	2407	869.7
	3	20415	825.5	2415	870.5
	5	20425	826.5	2425	871.5
	10 [1]	20450	829	2450	874
Mid Range	1.4/3/5 10 [1]	20525	836.5	2525	881.5
High Range	1.4	20643	848.3	2643	893.3
	3	20635	847.5	2635	892.5
	5	20625	846.5	2625	891.5
	10 [1]	20600	844	2600	889
NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement (TS 36.101 [27] Clause 7.3) is allowed.					

FDD Band 7

Test Frequency ID	Bandwidth [MHz]	N_{UL}	Frequency of Uplink [MHz]	N_{DL}	Frequency of Downlink [MHz]
Low Range	5	20775	2502.5	2775	2622.5
	10	20800	2505	2800	2625
	15	20825	2507.5	2825	2627.5
	20 [1]	20850	2510	2850	2630
Mid Range	5/10/15 20 [1]	21100	2535	3100	2655
High Range	5	21425	2567.5	3425	2687.5
	10	21400	2565	3400	2685
	15	21375	2562.5	3375	2682.5
	20 [1]	21350	2560	3350	2680
NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement (TS 36.101 [27] Clause 7.3) is allowed.					

FDD Band 12

Table 4.3.1.1.12-1: Test frequencies for E-UTRA channel bandwidth for operating band 12

Test Frequency ID	Bandwidth [MHz]	N_{UL}	Frequency of Uplink [MHz]	N_{DL}	Frequency of Downlink [MHz]
Low Range	1.4	23017	699.7	5017	729.7
	3	23025	700.5	5025	730.5
	5 [1]	23035	701.5	5035	731.5
	10 [1]	23060	704	5060	734
Mid Range	1.4/3 5 [1]/10 [1]	23095	707.5	5095	737.5
High Range	1.4	23173	715.3	5173	745.3
	3	23165	714.5	5165	744.5
	5 [1]	23155	713.5	5155	743.5
	10 [1]	23130	711	5130	741
NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement (TS 36.101 [27] Clause 7.3) is allowed.					

FDD Band 13

Test Frequency ID	Bandwidth [MHz]	N_{UL}	Frequency of Uplink [MHz]	N_{DL}	Frequency of Downlink [MHz]
Low Range	5 [1]	23205	779.5	5205	748.5
	10 [1]	23230	782	5230	751
Mid Range	5 [1]/10 [1]	23230	782	5230	751
High Range	5 [1]	23255	784.5	5255	753.5
	10 [1]	23230	782	5230	751
NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement (TS 36.101 [27] Clause 7.3) is allowed.					

FDD Band 25

Test Frequency ID	Bandwidth [MHz]	N_{UL}	Frequency of Uplink [MHz]	N_{DL}	Frequency of Downlink [MHz]
Low Range	1.4	26047	1850.7	8047	1930.7
	3	26055	1851.5	8055	1931.5
	5	26065	1852.5	8065	1932.5
	10	26090	1855	8090	1935
	15 [1]	26115	1857.5	8115	1937.5
	20 [1]	26140	1860	8140	1940
Mid Range	1.4/3/5/10 15 [1]/20 [1]	26365	1882,5	8365	1962.5
High Range	1.4	26683	1914.3	8683	1994.3
	3	26675	1913.5	8675	1993.5
	5	26665	1912.5	8665	1992.5
	10	26640	1910	8640	1990
	15 [1]	26615	1907.5	8615	1987.5
	20 [1]	26590	1905	8590	1985

NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement (TS 36.101 [27] Clause 7.3) is allowed.

FDD Band 26

Test Frequency ID	Banwidth[MHz]	N_{UL}	Frequency of Uplink [MHz]	N_{DL}	Frequency of Downlink [MHz]
Low Range	1.4	26797	824.7	8797	869.7
	3	26805	825.5	8805	870.5
	5	26815	826.5	8815	871.5
	10	26840	829	8840	874
	15	26865	831.5	8865	876.5
Mid Range	1.4/3/5/10/15	26915	836.5	8915	881.5
High Range	1.4	27033	848.3	9033	893.3
	3	27025	847.5	9025	892.5
	5	27015	846.5	9015	891.5
	10	26990	844	8990	889
	15	26965	841.5	8965	886.5

3.4. EUT operation mode

For RF test items
The EUT has been tested under typical operating condition. Testing was performed by configuring EUT to maximum output power status.

Test Items	Band	Bandwidth (MHz)						Modulation		RB #		
		1.4	3	5	10	15	20	QPSK	16QAM	1	Half	Full
Conducted Output Power	2	○	○	○	○	○	○	○	○	○	○	○
	4	○	○	○	○	○	○	○	○	○	○	○
	5	○	○	○	○	-	-	○	○	○	○	○
	7	-	-	○	○	○	○	○	○	○	○	○
	12	○	○	○	○	-	-	○	○	○	○	○
	13	-	-	○	○	-	-	○	○	○	○	○
	25	○	○	○	○	○	○	○	○	○	○	○
	26	○	○	○	○	○	-	○	○	○	○	○
Peak-to-Average Ratio	2	○	○	○	○	○	○	○	○	○	-	○
	4	○	○	○	○	○	○	○	○	○	-	○
	5	○	○	○	○	-	-	○	○	○	-	○
	7	-	-	○	○	○	○	○	○	○	-	○
	12	○	○	○	○	-	-	○	○	○	-	○
	13	-	-	○	○	-	-	○	○	○	-	○
	25	○	○	○	○	○	○	○	○	○	-	○
	26	○	○	○	○	○	-	○	○	○	-	○
99% Occupied Bandwidth & 26 dB Bandwidth	2	○	○	○	○	○	○	○	○	-	-	○
	4	○	○	○	○	○	○	○	○	-	-	○
	5	○	○	○	○	-	-	○	○	-	-	○
	7	-	-	○	○	○	○	○	○	-	-	○
	12	○	○	○	○	-	-	○	○	-	-	○
	13	-	-	○	○	-	-	○	○	-	-	○
	25	○	○	○	○	○	○	○	○	-	-	○
	26	○	○	○	○	○	-	○	○	-	-	○
Band Edge	2	○	○	○	○	○	○	○	○	○	-	○
	4	○	○	○	○	○	○	○	○	○	-	○
	5	○	○	○	○	-	-	○	○	○	-	○
	7	-	-	○	○	○	○	○	○	○	-	○
	12	○	○	○	○	-	-	○	○	○	-	○
	13	-	-	○	○	-	-	○	○	○	-	○
	25	○	○	○	○	○	○	○	○	○	-	○
	26	○	○	○	○	○	-	○	○	○	-	○
Conducted Spurious Emission	2	○	○	○	○	○	○	○	○	○	-	-
	4	○	○	○	○	○	○	○	○	○	-	-
	5	○	○	○	○	-	-	○	○	○	-	-
	7	-	-	○	○	○	○	○	○	○	-	-
	12	○	○	○	○	-	-	○	○	○	-	-
	13	-	-	○	○	-	-	○	○	○	-	-
	25	○	○	○	○	○	○	○	○	○	-	-
	26	○	○	○	○	○	-	○	○	○	-	-
Frequency Stability	2	○	○	○	○	○	○	○	○	-	-	○
	4	○	○	○	○	○	○	○	○	-	-	○
	5	○	○	○	○	-	-	○	○	-	-	○
	7	-	-	○	○	○	○	○	○	-	-	○
	12	○	○	○	○	-	-	○	○	-	-	○
	13	-	-	○	○	-	-	○	○	-	-	○
	25	○	○	○	○	○	○	○	○	-	-	○
	26	○	○	○	○	○	-	○	○	-	-	○

ERP and EIRP	2	○	○	○	○	○	○	○	○	○	-	-
	4	○	○	○	○	○	○	○	○	○	-	-
	5	○	○	○	○	-	-	○	○	○	-	-
	7	-	-	○	○	○	○	○	○	○	-	-
	12	○	○	○	○	-	-	○	○	○	-	-
	13	-	-	○	○	-	-	○	○	○	-	-
	25	○	○	○	○	○	○	○	○	○	-	-
	26	○	○	○	○	○	-	○	○	○	-	-
Radiated Spurious Emission	2	○	○	○	○	○	○	○	○	○	-	-
	4	○	○	○	○	○	○	○	○	○	-	-
	5	○	○	○	○	-	-	○	○	○	-	-
	7	-	-	○	○	○	○	○	○	○	-	-
	12	○	○	○	○	-	-	○	○	○	-	-
	13	-	-	○	○	-	-	○	○	○	-	-
	25	○	○	○	○	○	○	○	○	○	-	-
	26	○	○	○	○	○	-	○	○	○	-	-
Remark	1. The mark " ○"means that this configuration is chosenfor testing 2. The mark "-"means that this bandwidth is not test. 3. The device is investigatedfrom 30MHz to10 times offundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.											

The Test EUT support two SIM card(SIM1,SIM2),so all the tests are performed at each SIM card (SIM1,SIM2) mode, the datum recorded is the worst case for all the mode at SIM1 Card mode.

3.5. EUT configuration

The following peripheral devices and interface cables were connected during the measurement:

- ● - supplied by the manufacturer
- ○ - supplied by the lab

○	/	Manufacturer:	/
		Model No.:	/
○	/	Manufacturer:	/
		Model No.:	/

3.6. Modifications

No modifications were implemented to meet testing criteria.

4. TEST ENVIRONMENT

4.1. Testing Laboratory Information

Laboratory Name	Shenzhen Huatongwei International Inspection Co., Ltd.	
Laboratory Location	1/F, Bldg 3, Hongfa Hi-tech Industrial Park, Genyu Road, Tianliao, Gongming, Shenzhen, China	
Connect information:	Tel: 86-755-26715499 E-mail: cs@szhtw.com.cn http://www.szhtw.com.cn	
Qualifications	Type	Accreditation Number
	FCC	762235

4.2. Equipments Used during the Test

Used	Test Equipment	Manufacturer	Equipment No.	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
●	Signal and spectrum Analyzer	R&S	HTWE0242	FSV40	100048	2021/9/13	2022/9/12
●	Signal & Spectrum Analyzer	R&S	HTWE0262	FSW26	103440	2021/9/13	2022/9/12
●	Spectrum Analyzer	Agilent	HTWE0286	N9020A	MY50510187	2021/9/13	2022/9/12
●	Radio communication tester	R&S	HTWE0287	CMW500	137688-Lv	2021/9/13	2022/9/12
●	Test software	Tonscend	N/A	JS1120	N/A	N/A	N/A

● Radiated Spurious Emission							
Used	Test Equipment	Manufacturer	Equipment No.	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
●	Semi-Anechoic Chamber	Albatross projects	HTWE0122	SAC-3m-01	N/A	2018/09/27	2022/09/26
●	Spectrum Analyzer	R&S	HTWE0098	FSP40	100597	2021/9/13	2022/9/12
●	Loop Antenna	R&S	HTWE0170	HFH2-Z2	100020	2021/04/06	2022/04/05
●	Broadband Horn Antenna	SCHWARZBECK	HTWE0103	BBHA9170	BBHA9170472	2020/4/27	2023/4/27
●	Ultra-Broadband Antenna	SCHWARZBECK	HTWE0123	VULB9163	538	2021/04/06	2022/04/05
●	Horn Antenna	SCHWARZBECK	HTWE0126	9120D	1011	2020/04/01	2023/03/31
●	Pre-amplifier	CD	HTWE0071	PAP-0102	12004	2021/11/5	2022/11/4
●	Broadband Preamplifier	SCHWARZBECK	HTWE0201	BBV 9718	9718-248	2021/03/05	2022/03/04
●	RF Connection Cable	HUBER+SUHNER	HTWE0120-01	6m 18GHz S Serisa	N/A	2021/02/26	2022/02/25
●	RF Connection Cable	HUBER+SUHNER	HTWE0120-02	6m 3GHz RG Serisa	N/A	2021/02/26	2022/02/25
●	RF Connection Cable	HUBER+SUHNER	HTWE0119-05	6m 3GHz RG Serisa	N/A	2021/02/26	2022/02/25
●	RF Connection Cable	HUBER+SUHNER	HTWE0120-04	6m 3GHz RG Serisa	N/A	2021/02/26	2022/02/25
●	RF Connection Cable	HUBER+SUHNER	HTWE0121-01	6m 18GHz S Serisa	N/A	2021/02/26	2022/02/25
●	EMI Test Software	Audix	N/A	E3	N/A	N/A	N/A

● Auxiliary Equipment							
Used	Test Equipment	Manufacturer	Equipment No.	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
●	Radio communication tester	R&S	HTWE0287	CMW500	137688-Lv	2021/9/13	2022/9/12
●	High pass filter	Wainwright	HTWE0297	WHKX3.0/18G-10SS	38	2021/05/14	2022/05/13
○	Band Stop filter		HTW0039	N/A	N/A	2021/01/27	2022/01/26

4.3. Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Voltage	VN=Nominal Voltage	DC 3.70V
	VL=Lower Voltage	DC 3.60V
	VH=Higher Voltage	DC 4.20V
Temperature	TN=Normal Temperature	25 °C
	Extreme Temperature	From −30° to + 50° centigrade
Humidity	30~60 %	
Air Pressure	950-1050 hPa	

4.4. Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to TR-100028-01"Electromagnetic compatibilityand Radio spectrum Matters (ERM);Uncertainties in the measurementof mobile radio equipment characteristics;Part 1"and TR-100028-02 "Electromagnetic compatibilityand Radio spectrum Matters (ERM);Uncertainties in the measurementof mobile radio equipment characteristics;Part 2 " and is documented in the Shenzhen Huatongwei International Inspection Co., Ltd quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Hereafter the best measurement capability for Shenzhen Huatongweilaboratory is reported:

Test Items	Measurement Uncertainty	Notes
Transmitter power conducted	0.51 dB	(1)
Transmitter power Radiated	2.66dB for <1GHz 3.44dB for >1GHz	(1)
Conducted spurious emissions 9kHz~40GHz	0.51 dB	(1)
Radiated spurious emissions	2.66dB for <1GHz 3.44dB for >1GHz	(1)
Occupied Bandwidth	15Hz for <1GHz 70Hz for >1GHz	(1)
Frequency error	15Hz for <1GHz 70Hz for >1GHz	(1)

(1) This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.

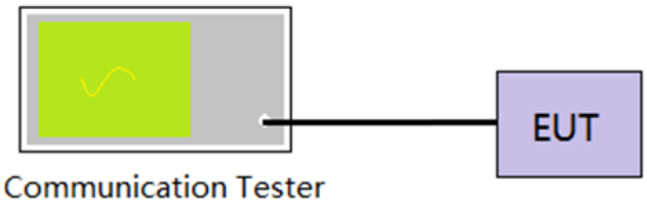
5. TEST CONDITIONS AND RESULTS

5.1. Conducted Output Power

LIMIT

N/A

TEST CONFIGURATION



TEST PROCEDURE

1. The EUT output port was connected to communication tester.
2. Set EUT at maximum power through communication tester.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure the maximum burst average power.

TEST MODE:

Please refer to the clause 3.3

TEST RESULTS

☒ **Passed** ☐ **Not Applicable**

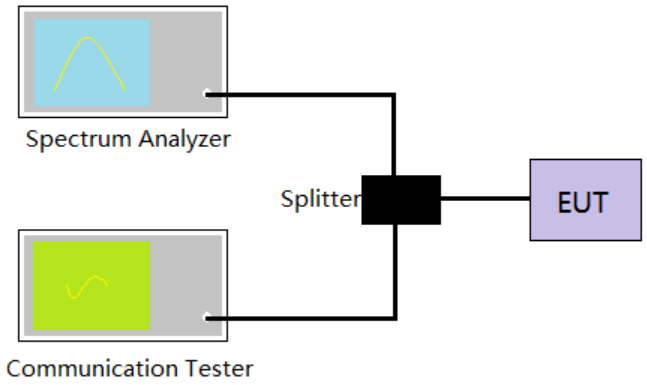
Refer to appendix A on the section 8 appendix report

5.2. Peak-to-Average Ratio

LIMIT

13dB

TEST CONFIGURATION



TEST PROCEDURE

1. The EUT was connected to the spectrum analyzer and communication tester via a power splitter
2. Set EUT in maximum power output.
3. Center Frequency = Carrier frequency, RBW > Emission bandwidth of signal
4. The signal analyzer was set to collect one million samples to generate the CCDF curve
5. The measurement interval was set depending on the type of signal analyzed.
   i. For continuous signals (>98% duty cycle), the measurement interval was set to 1ms.
   ii. For bursttransmissions, the spectrum analyzer is set to use an internal " RF Burst" trigger that issynced with an incoming pulse and the measurement interval is set to less than the durationof the " on time" of one burst to ensure that energy is only captured during a time in whichthetransmitter is operating at maximum power
6. Record the maximum PAPR level associated with a probability of 0.1%.

TEST MODE:

Please refer to the clause 3.3

TEST RESULTS

☒ **Passed** ☐ **Not Applicable**

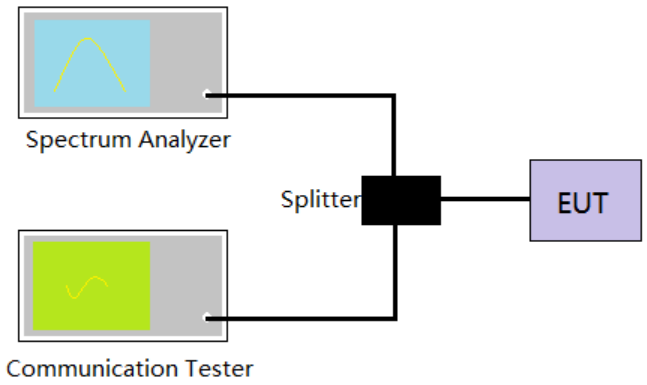
Refer to appendix B on the section 8 appendix report

5.3. 99% Occupied Bandwidth & 26 dB Bandwidth

LIMIT

N/A

TEST CONFIGURATION



TEST PROCEDURE

1. The EUT was connected to the spectrum analyzer and communication tester via a power splitter
2. Set EUT in maximum power output.
3. Spectrum analyzer setting as follow:

   Center Frequency= Carrier frequency, RBW=1% to 5% of the anticipated OBW, VBW= 3 * RBW, Detector=Peak,

   Trace maximum hold.
4. Record the value of 99% Occupied bandwidth and 26dB bandwidth.

TEST MODE:

Please refer to the clause 3.3

TEST RESULTS

☒ **Passed** ☐ **Not Applicable**

Refer to appendix C on the section 8 appendix report

5.4. Band Edge

LIMIT

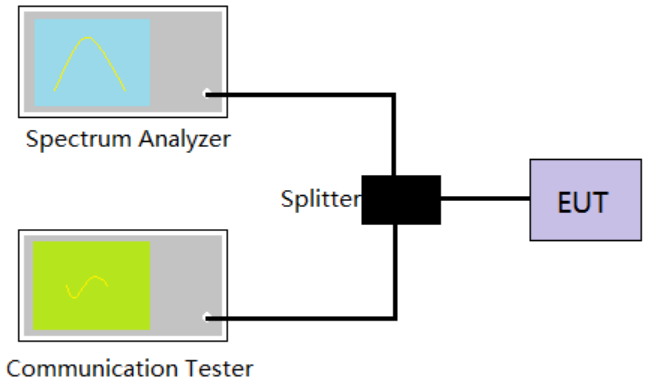
Part 24.238 and Part 22.917 and Part 27.53 specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

The specification that emissions shall be attenuated below the transmitter power (P) by at least 43 + 10 log (P) dB, translates in the relevant power range (1 to 0.001 W) to -13 dBm. At 1 W the specified minimum attenuation becomes 43 dB and relative to a 30 dBm (1 W) carrier becomes a limit of -13 dBm. At 0.001 W (0 dBm) the minimum attenuation is 13 dB, which again yields a limit of -13 dBm. In this way a translation of the specification from relative to absolute terms is carried out.

LTE Band 7

Part 27.53 m(4) For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section.

TEST CONFIGURATION



TEST PROCEDURE

1. The EUT was connected to the spectrum analyzer and communication tester via a power splitter
2. Set EUT in maximum power output.
3. The band edges of low and high channels were measured.
4. Spectrum analyzer setting as follow:

   RBW= no less than 1% of the OBW, VBW =3 * RBW, Sweep time= Auto
5. Record the test plot.

TEST MODE:

Please refer to the clause 3.3

TEST RESULTS

☒ **Passed** ☐ **Not Applicable**

Refer to appendix D on the section 8 appendix report

5.5. Conducted Spurious Emissions

LIMIT

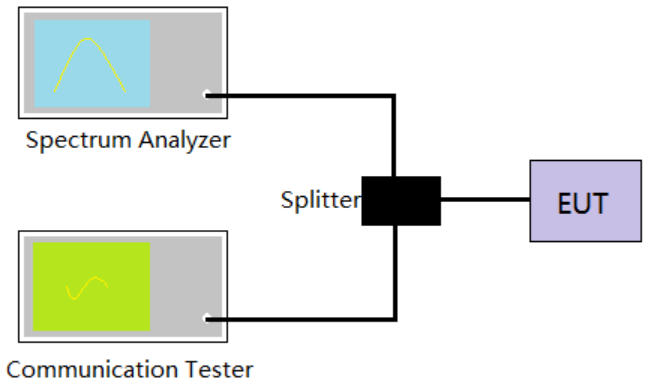
Part 24.238 and Part 22.917 and Part 27.53 specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

The specification that emissions shall be attenuated below the transmitter power (P) by at least 43 + 10 log (P) dB, translates in the relevant power range (1 to 0.001 W) to -13 dBm. At 1 W the specified minimum attenuation becomes 43 dB and relative to a 30 dBm (1 W) carrier becomes a limit of -13 dBm. At 0.001 W (0 dBm) the minimum attenuation is 13 dB, which again yields a limit of -13 dBm. In this way a translation of the specification from relative to absolute terms is carried out.

LTE Band 7

Part 27.53 m(4) For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees. Limit <-25 dBm

TEST CONFIGURATION



TEST PROCEDURE

1. The EUT was connected to the spectrum analyzer and communication tester via a power splitter
2. Set EUT in maximum power output.
3. Spectrum analyzer setting as follow:

   Below 1GHz, RBW=100KHz, VBW = 300KHz, Detector=Peak, Sweep time= Auto

   Above 1GHz, RBW=1MHz, VBW=3MHz, Detector=Peak, Sweep time= Auto

   Scan frequency range up to 10th harmonic.
4. Record the test plot.

TEST MODE:

Please refer to the clause 3.3

TEST RESULTS

☒ **Passed** ☐ **Not Applicable**

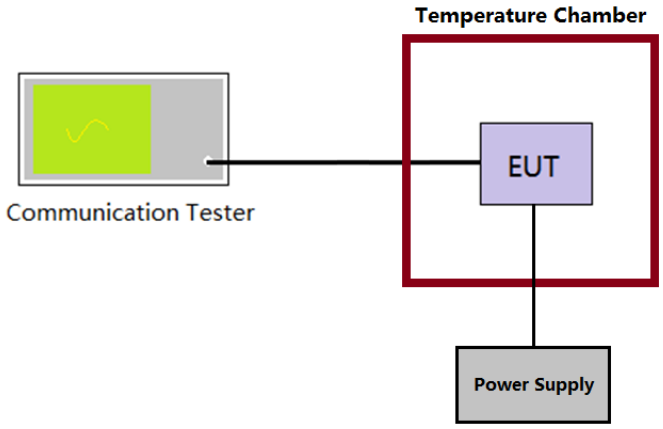
Refer to appendix E on the section 8 appendix report

5.6. Frequency stability VS Temperature measurement

LIMIT

2.5ppm

TEST CONFIGURATION



TEST PROCEDURE

1. The equipment under test was connected to an external DC power supply and input rated voltage.
2. The EUT output port was connected to communication tester.
3. The EUT was placed inside the temperature chamber.
4. Turn EUT off and set the chamber temperature to –30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency.
5. Repeat step 4 measure with 10°C increased per stage until the highest temperature of +50°C reached.

TEST MODE:

Please refer to the clause 3.3

TEST RESULTS

☒ **Passed** ☐ **Not Applicable**

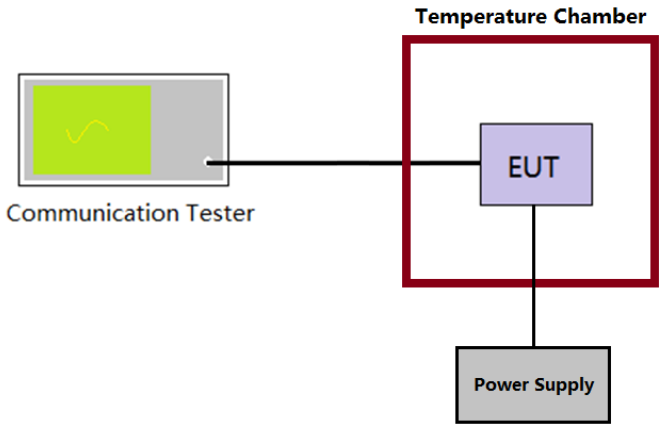
Refer to appendix F on the section 8 appendix report

5.7. Frequency stability VS Voltage measurement

LIMIT

2.5ppm

TEST CONFIGURATION



TEST PROCEDURE

1. The equipment under test was connected to an external DC power supply and input rated voltage.
2. The EUT output port was connected to communication tester.
3. The EUT was placed inside the temperature chamber at 25°C
4. The power supply voltage to the EUT was varied ±15% of the nominal value measured at the input to the EUT
5. Record the maximum frequency change.

TEST MODE:

Please refer to the clause 3.3

TEST RESULTS

☒ **Passed** ☐ **Not Applicable**

Refer to appendix F on the section 8 appendix report

5.8. ERP and EIRP

LIMIT

LTE Band 2/7/25: 2W(33dBm) EIRP

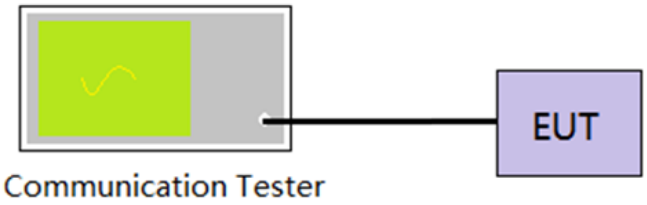
LTE Band 4: 1W(30dBm) EIRP

LTE Band 5/26: 7W(38.50dBm) ERP

LTE Band 12: 3W(34.77dBm) ERP

LTE Band 13: 30W(44.77dBm) ERP

TEST CONFIGURATION



TEST PROCEDURE

1. The EUT output port was connected to communication tester.
2. Set EUT at maximum power through communication tester.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure the maximum burst average power.

ERP=Conducted power+Gain(dBd), EIRP=Conducted power+Gain(dBi), ERP=EIRP-2.15

TEST MODE:

Please refer to the clause 3.3

TEST RESULTS

☒ **Passed** ☐ **Not Applicable**

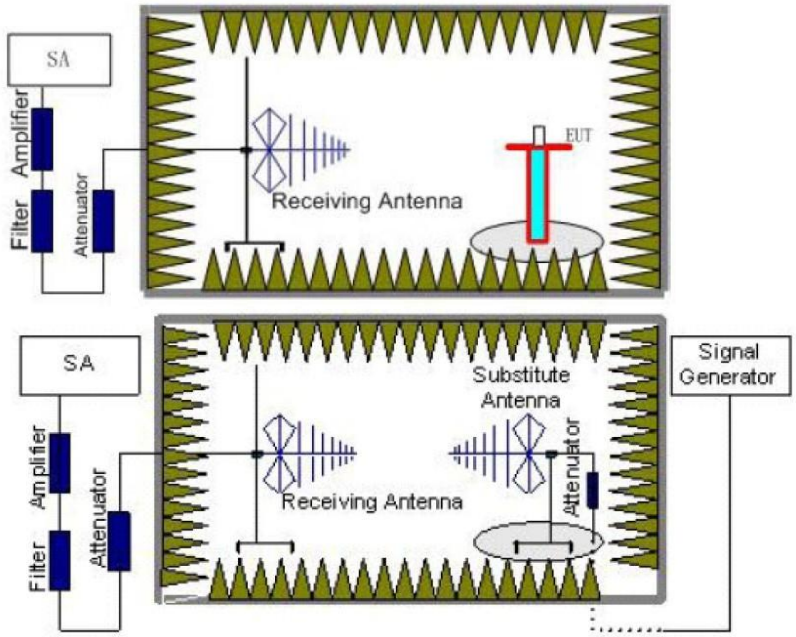
Refer to appendix G on the section 8 appendix report

5.9. Radiated Spurious Emission

LIMIT

LTE Band 2/4/5/12/13/25/26: -13dBm;
LTE Band 7: -25dBm

TEST CONFIGURATION



TEST PROCEDURE

1. Place the EUT in the center of the turntable.
   a) For radiated emissions measurements performed at frequencies less than or equal to 1 GHz, the EUT shall be placed on a RF-transparent table at a nominal height of 80 cm above the reference ground plane
   b) For radiated measurements performed at frequencies above 1 GHz, the EUT shall be placed on an RF transparent table at a nominal height of 1.5 m above the ground plane.
2. Unless the EUT uses an integral antenna, the EUT shall be terminated with a non-radiating transmitter load. In cases where the EUT uses an adjustable antenna, the antenna shall be adjusted through typical positions and lengths to maximize emissions levels.
3. The EUT shall be tested while operating on the frequency per manufacturer specification. Set the transmitter to operate in continuous transmit mode.
4. Receiver or Spectrum set as follow:
   Below 1GHz, RBW=100kHz, VBW=300kHz, Detector=Peak, Sweep time=Auto
   Above 1GHz, RBW=1MHz, VBW=3MHz, Detector=Peck, Sweep time=Auto
5. Each emission under consideration shall be evaluated:
   a) Raise and lower the measurement antenna from 1 m to 4 m, as necessary to enable detection of the maximum emission amplitude relative to measurement antenna height.
   b) Rotate the EUT through 360° to determine the maximum emission level relative to the axial position.
   c) Return the turntable to the azimuth where the highest emission amplitude level was observed.
   d) Vary the measurement antenna height again through 1 m to 4 m again to find the height associated with the maximum emission amplitude.

e) Record the measured emission amplitude level and frequency

6. Repeat step 5 for each emission frequency with the measurement antenna oriented in both the horizontal and vertical polarizations to determine the orientation that gives the maximum emissions amplitude.
7. Set-up the substitution measurement with the reference point of the substitution antenna located as near as possible to where the center of the EUT radiating element was located during the initial EUT measurement.
8. Maintain the previous measurement instrument settings and test set-up, with the exception that the EUT is removed and replaced by the substitution antenna.
9. Connect a signal generator to the substitution antenna; locate the signal generator so as to minimize any potential influences on the measurement results. Set the signal generator to the frequency where emissions are detected, and set an output power level such that the radiated signal can be detected by the measurement instrument, with sufficient dynamic range relative to the noise floor.
10. For each emission that was detected and measured in the initial test
    a) Vary the measurement antenna height between 1 m to 4 m to maximize the received (measured) signal amplitude.
    b) Adjust the signal generator output power level until the amplitude detected by the measurement instrument equals the amplitude level of the emission previously measured directly in step 5 and step 6.
    c) Record the output power level of the signal generator when equivalence is achieved in step b).
11. Repeat step 8 through step 10 with the measurement antenna oriented in the opposite polarization.
12. Calculate the emission power in dBm referenced to a half-wave dipole using the following equation:

    Pe = Ps(dBm) − cable loss (dB) + antenna gain (dBd)

    where

    Pe = equivalent emission power in dBm

    Ps = source (signal generator) power in dBm

    NOTE—dBd refers to the measured antenna gain in decibels relative to a half-wave dipole.
13. Correct the antenna gain of the substitution antenna if necessary to reference the emission power to a half-wave dipole. When using measurement antennas with the gain specified in dBi, the equivalent dipole-referenced gain can be determined from:

    gain (dBd) = gain (dBi) − 2.15 dB.

    If necessary, the antenna gain can be calculated from calibrated antenna factor information
14. Provide the complete measurement results as a part of the test report.

TEST MODE:

Please refer to the clause 3.3

TEST RESULTS

☒ **Passed** ☐ **Not Applicable**

Note: only show the worse case for QPSK modulation.

Band 2 Frequency :1860MHz | Polarization: Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	39.75	-78.09	27.74	6.93	30.92	-74.34	-13.00	-61.34	Peak
2	874.39	-74.71	29.61	10.79	29.31	-63.62	-13.00	-50.62	Peak
3	1330.61	-69.35	37.02	12.01	28.96	-49.28	-13.00	-36.28	Peak
4	2566.67	-71.04	38.92	15.43	25.98	-42.67	-13.00	-29.67	Peak
5	3700.48	-63.75	42.29	7.01	37.16	-51.61	-13.00	-38.61	Peak
6	5554.08	-67.46	43.80	9.39	32.79	-47.06	-13.00	-34.06	Peak

Band 2 Frequency :1860 MHz | Polarization: Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	31.96	-62.44	18.56	6.83	30.92	-67.97	-13.00	-54.97	Peak
2	700.64	-74.66	28.49	10.26	29.65	-65.56	-13.00	-52.56	Peak
3	1326.23	-69.79	37.44	12.00	28.97	-49.32	-13.00	-36.32	Peak
4	2759.69	-72.23	40.38	16.24	24.40	-40.01	-13.00	-27.01	Peak
5	3700.48	-60.74	42.31	7.01	37.16	-48.58	-13.00	-35.58	Peak
6	5554.08	-64.31	43.95	9.39	32.79	-43.76	-13.00	-30.76	Peak

Band 2 Frequency :1880MHz | Polarization: Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	42.79	-75.09	26.49	6.96	30.90	-72.54	-13.00	-59.54	Peak
2	700.64	-72.90	28.21	10.26	29.65	-64.08	-13.00	-51.08	Peak
3	1491.67	-68.64	36.59	12.39	28.67	-48.33	-13.00	-35.33	Peak
4	2217.75	-68.78	40.86	14.08	28.34	-42.18	-13.00	-29.18	Peak
5	3738.23	-65.79	42.25	7.05	37.06	-53.55	-13.00	-40.55	Peak
6	5610.76	-65.76	43.74	9.44	33.30	-45.88	-13.00	-32.88	Peak

Band 2 Frequency :1880MHz | Polarization: Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	31.96	-61.82	18.56	6.83	30.92	-67.35	-13.00	-54.35	Peak
2	874.39	-72.26	29.76	10.79	29.31	-61.02	-13.00	-48.02	Peak
3	1249.84	-68.92	37.08	11.83	28.82	-48.83	-13.00	-35.83	Peak
4	2702.68	-73.13	39.95	16.15	24.49	-41.52	-13.00	-28.52	Peak
5	3738.23	-63.73	42.20	7.05	37.06	-51.54	-13.00	-38.54	Peak
6	5610.76	-65.22	43.91	9.44	33.30	-45.17	-13.00	-32.17	Peak

Band 2 Frequency :1900MHz | Polarization: Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	34.90	-74.70	27.00	6.87	30.92	-71.75	-13.00	-58.75	Peak
2	874.39	-73.64	29.61	10.79	29.31	-62.55	-13.00	-49.55	Peak
3	1333.54	-69.70	37.02	12.02	28.96	-49.62	-13.00	-36.62	Peak
4	2195.93	-69.20	40.93	14.02	28.34	-42.59	-13.00	-29.59	Peak
5	3781.86	-66.04	42.21	7.10	36.91	-53.64	-13.00	-40.64	Peak
6	5676.23	-64.60	43.83	9.51	33.55	-44.81	-13.00	-31.81	Peak

Band 2 Frequency :1900MHz | Polarization: Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	31.96	-63.22	18.56	6.83	30.92	-68.75	-13.00	-55.75	Peak
2	700.64	-65.94	28.49	10.26	29.65	-56.84	-13.00	-43.84	Peak
3	1402.66	-69.23	37.76	12.18	28.91	-48.20	-13.00	-35.20	Peak
4	2796.31	-72.13	40.65	16.28	24.28	-39.48	-13.00	-26.48	Peak
5	3781.86	-64.26	42.07	7.10	36.91	-52.00	-13.00	-39.00	Peak
6	5676.23	-62.64	43.99	9.51	33.55	-42.69	-13.00	-29.69	Peak

Band 4 Frequency : 1720MHz | Polarization: Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	41.75	-72.73	26.96	6.95	30.91	-69.73	-13.00	-56.73	Peak
2	637.17	-80.15	28.93	10.04	29.84	-71.02	-13.00	-58.02	Peak
3	1560.39	-68.48	36.19	12.57	28.28	-48.00	-13.00	-35.00	Peak
4	2732.54	-71.40	40.08	16.20	24.46	-39.58	-13.00	-26.58	Peak
5	3421.73	-58.11	39.89	6.72	37.15	-48.65	-13.00	-35.65	Peak
6	6346.84	-72.96	45.91	9.68	34.08	-51.45	-13.00	-38.45	Peak

Band 4 Frequency : 1720MHz | Polarization: Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	41.75	-73.98	21.29	6.95	30.91	-76.65	-13.00	-63.65	Peak
2	738.59	-78.98	29.58	10.36	29.63	-68.67	-13.00	-55.67	Peak
3	1323.32	-69.33	37.42	11.99	28.97	-48.89	-13.00	-35.89	Peak
4	2774.89	-71.79	40.49	16.25	24.35	-39.40	-13.00	-26.40	Peak
5	3421.73	-58.61	39.91	6.72	37.15	-49.13	-13.00	-36.13	Peak
6	5135.72	-68.35	44.11	8.96	34.74	-50.02	-13.00	-37.02	Peak

Band 4 Frequency : 1732.5MHz | Polarization: Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	40.74	-74.03	27.43	6.94	30.91	-70.57	-13.00	-57.57	Peak
2	626.07	-79.55	28.51	10.00	29.86	-70.90	-13.00	-57.90	Peak
3	1193.48	-69.28	36.57	11.66	29.01	-50.06	-13.00	-37.06	Peak
4	2696.75	-71.76	39.73	16.13	24.53	-40.43	-13.00	-27.43	Peak
5	3446.64	-60.04	40.25	6.74	37.11	-50.16	-13.00	-37.16	Peak
6	7935.11	-73.41	48.05	10.84	32.93	-47.45	-13.00	-34.45	Peak

Band 4 Frequency :1732.5MHz | Polarization: Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	41.75	-74.28	21.29	6.95	30.91	-76.95	-13.00	-63.95	Peak
2	700.64	-76.53	28.49	10.26	29.65	-67.43	-13.00	-54.43	Peak
3	1402.66	-69.82	37.76	12.18	28.91	-48.79	-13.00	-35.79	Peak
4	2696.75	-72.95	39.90	16.13	24.53	-41.45	-13.00	-28.45	Peak
5	3446.64	-59.71	40.30	6.74	37.11	-49.78	-13.00	-36.78	Peak
6	5173.09	-67.76	44.00	8.96	34.62	-49.42	-13.00	-36.42	Peak

Band 4 Frequency :1745MHz | Polarization: Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	51.56	-68.93	23.70	7.06	30.85	-69.02	-13.00	-56.02	Peak
2	626.07	-79.35	28.51	10.00	29.86	-70.70	-13.00	-57.70	Peak
3	1361.67	-69.13	37.08	12.09	28.95	-48.91	-13.00	-35.91	Peak
4	2264.53	-68.78	40.59	14.19	28.09	-42.09	-13.00	-29.09	Peak
5	3471.72	-56.26	40.61	6.76	37.08	-45.97	-13.00	-32.97	Peak
6	8795.72	-75.55	48.81	11.94	30.56	-45.36	-13.00	-32.36	Peak

Band 4 Frequency : 1745MHz | Polarization: Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	41.75	-74.05	21.29	6.95	30.91	-76.72	-13.00	-63.72	Peak
2	662.30	-77.59	28.26	10.12	29.78	-68.99	-13.00	-55.99	Peak
3	1326.23	-69.56	37.44	12.00	28.97	-49.09	-13.00	-36.09	Peak
4	2796.31	-72.17	40.65	16.28	24.28	-39.52	-13.00	-26.52	Peak
5	3471.72	-55.19	40.68	6.76	37.08	-44.83	-13.00	-31.83	Peak
6	5210.74	-66.90	43.93	9.01	34.43	-48.39	-13.00	-35.39	Peak

Band 5 Frequency : 829MHz									Polarization: Horizontal
Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	41.75	-69.48	26.96	6.95	30.91	-66.48	-13.00	-53.48	Peak
2	700.64	-74.36	28.21	10.26	29.65	-65.54	-13.00	-52.54	Peak
3	1491.67	-68.73	36.59	12.39	28.67	-48.42	-13.00	-35.42	Peak
4	1901.59	-62.52	37.97	13.31	25.80	-37.04	-13.00	-24.04	Peak
5	4673.71	-70.14	43.53	8.19	34.67	-53.09	-13.00	-40.09	Peak
6	10065.76	-74.99	50.57	12.38	31.47	-43.51	-13.00	-30.51	Peak

Band 5 Frequency : 829MHz									Polarization: Vertical
Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	31.96	-61.47	18.56	6.83	30.92	-67.00	-13.00	-54.00	Peak
2	700.64	-67.73	28.49	10.26	29.65	-58.63	-13.00	-45.63	Peak
3	1390.39	-68.74	37.72	12.15	28.92	-47.79	-13.00	-34.79	Peak
4	1866.40	-68.21	37.10	13.24	25.26	-43.13	-13.00	-30.13	Peak
5	4832.23	-71.90	43.77	8.53	34.15	-53.75	-13.00	-40.75	Peak
6	8744.84	-75.02	49.05	11.96	30.22	-44.23	-13.00	-31.23	Peak

Band 5 Frequency :836.5MHz									Polarization: Horizontal
Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	41.75	-70.34	26.96	6.95	30.91	-67.34	-13.00	-54.34	Peak
2	700.64	-73.42	28.21	10.26	29.65	-64.60	-13.00	-51.60	Peak
3	1370.67	-67.84	37.10	12.11	28.94	-47.57	-13.00	-34.57	Peak
4	1882.88	-68.16	37.74	13.28	25.56	-42.70	-13.00	-29.70	Peak
5	4996.14	-72.33	44.35	8.81	34.81	-53.98	-13.00	-40.98	Peak
6	8821.27	-75.99	48.80	11.94	30.75	-46.00	-13.00	-33.00	Peak

Band 5 Frequency :836.5MHz									Polarization: Vertical
Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	43.71	-61.44	21.49	6.97	30.89	-63.87	-13.00	-50.87	Peak
2	700.64	-71.25	28.49	10.26	29.65	-62.15	-13.00	-49.15	Peak
3	1320.42	-68.50	37.41	11.99	28.97	-48.07	-13.00	-35.07	Peak
4	2252.13	-69.07	41.08	14.16	28.16	-41.99	-13.00	-28.99	Peak
5	5505.96	-73.91	44.00	9.35	32.41	-52.97	-13.00	-39.97	Peak
6	8694.26	-75.07	48.60	11.92	29.98	-44.53	-13.00	-31.53	Peak

Band 5 Frequency :844MHz									Polarization: Horizontal
Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	41.75	-70.44	26.96	6.95	30.91	-67.44	-13.00	-54.44	Peak
2	700.64	-74.81	28.21	10.26	29.65	-65.99	-13.00	-52.99	Peak
3	1448.07	-68.53	36.86	12.28	28.84	-48.23	-13.00	-35.23	Peak
4	2222.63	-68.58	40.83	14.09	28.31	-41.97	-13.00	-28.97	Peak
5	5325.34	-71.90	44.03	9.48	34.05	-52.44	-13.00	-39.44	Peak
6	8770.25	-75.58	48.62	11.95	30.39	-45.40	-13.00	-32.40	Peak

Band 5 Frequency : 844MHz									Polarization: Vertical
Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	31.96	-62.33	18.56	6.83	30.92	-67.86	-13.00	-54.86	Peak
2	700.64	-68.29	28.49	10.26	29.65	-59.19	-13.00	-46.19	Peak
3	1430.68	-68.48	37.76	12.24	28.86	-47.34	-13.00	-34.34	Peak
4	2191.11	-69.75	41.58	14.01	28.34	-42.50	-13.00	-29.50	Peak
5	5734.15	-72.04	44.06	9.56	33.40	-51.82	-13.00	-38.82	Peak
6	8782.97	-75.36	49.39	11.95	30.48	-44.50	-13.00	-31.50	Peak

Band 7 Frequency :2510MHz									Polarization: Horizontal
Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	41.75	-75.17	26.96	6.95	30.91	-72.17	-25.00	-47.17	Peak
2	700.64	-74.28	28.21	10.26	29.65	-65.46	-25.00	-40.46	Peak
3	3200.50	-67.52	41.37	6.46	37.11	-56.80	-25.00	-31.80	Peak
4	4676.70	-70.29	43.53	8.19	34.66	-53.23	-25.00	-28.23	Peak
5	6527.71	-65.15	46.35	9.75	34.15	-43.20	-25.00	-18.20	Peak
6	10833.22	-74.99	52.51	12.51	32.55	-42.52	-25.00	-17.52	Peak

Band 7 Frequency :2510MHz									Polarization: Vertical
Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	31.96	-61.37	18.56	6.83	30.92	-66.90	-25.00	-41.90	Peak
2	700.64	-68.20	28.49	10.26	29.65	-59.10	-25.00	-34.10	Peak
3	4128.28	-69.56	42.18	7.52	36.18	-56.04	-25.00	-31.04	Peak
4	5603.13	-72.23	43.90	9.43	33.26	-52.16	-25.00	-27.16	Peak
5	6527.71	-69.83	46.82	9.75	34.15	-47.41	-25.00	-22.41	Peak
6	9985.76	-73.81	50.49	12.30	31.67	-42.69	-25.00	-17.69	Peak

Band 7 Frequency : 2535MHz									Polarization: Horizontal
Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	41.75	-68.99	26.96	6.95	30.91	-65.99	-25.00	-40.99	Peak
2	700.64	-74.85	28.21	10.26	29.65	-66.03	-25.00	-41.03	Peak
3	3561.64	-68.83	41.86	6.86	36.99	-57.10	-25.00	-32.10	Peak
4	5311.47	-73.01	44.02	9.48	34.09	-53.60	-25.00	-28.60	Peak
5	6561.03	-67.67	46.41	9.77	34.11	-45.60	-25.00	-20.60	Peak
6	10860.83	-75.14	52.57	12.51	32.46	-42.52	-25.00	-17.52	Peak

Band 7 Frequency :2535MHz									Polarization: Vertical
Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	31.96	-63.15	18.56	6.83	30.92	-68.68	-25.00	-43.68	Peak
2	700.64	-68.00	28.49	10.26	29.65	-58.90	-25.00	-33.90	Peak
3	3607.26	-69.59	42.60	6.92	37.01	-57.08	-25.00	-32.08	Peak
4	5462.30	-73.50	44.04	9.35	32.55	-52.66	-25.00	-27.66	Peak
5	6561.03	-68.27	46.85	9.77	34.11	-45.76	-25.00	-20.76	Peak
6	10087.96	-74.40	50.83	12.39	31.52	-42.70	-25.00	-17.70	Peak

Band 7 Frequency : 2560MHz									Polarization: Horizontal
Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	40.74	-68.57	27.43	6.94	30.91	-65.11	-25.00	-40.11	Peak
2	700.64	-75.42	28.21	10.26	29.65	-66.60	-25.00	-41.60	Peak
3	3200.50	-67.60	41.37	6.46	37.11	-56.88	-25.00	-31.88	Peak
4	5560.50	-73.05	43.79	9.39	32.89	-52.76	-25.00	-27.76	Peak
5	6577.75	-68.81	46.44	9.78	34.08	-46.67	-25.00	-21.67	Peak
6	10860.83	-74.00	52.57	12.51	32.46	-41.38	-25.00	-16.38	Peak

Band 7 Frequency :2560MHz									Polarization: Vertical
Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	53.59	-70.77	22.72	7.08	30.84	-71.81	-25.00	-46.81	Peak
2	700.64	-68.07	28.49	10.26	29.65	-58.97	-25.00	-33.97	Peak
3	3200.50	-67.90	41.48	6.46	37.11	-57.07	-25.00	-32.07	Peak
4	4996.69	-72.04	44.50	8.81	34.81	-53.54	-25.00	-28.54	Peak
5	6577.75	-70.10	46.86	9.78	34.08	-47.54	-25.00	-22.54	Peak
6	10916.26	-74.88	52.71	12.52	32.28	-41.93	-25.00	-16.93	Peak

Band 26 Frequency : 821.5MHz | Polarization: Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	40.74	-71.72	27.43	6.94	30.91	-68.26	-13.00	-55.26	Peak
2	700.64	-74.65	28.21	10.26	29.65	-65.83	-13.00	-52.83	Peak
3	1276.21	-82.20	36.90	11.88	0.00	-33.42	-13.00	-20.42	Peak
4	2227.52	-80.69	40.81	14.10	0.00	-25.78	-13.00	-12.78	Peak
5	4874.47	-71.64	43.92	8.64	34.39	-53.47	-13.00	-40.47	Peak
6	7935.11	-74.05	48.05	10.84	32.93	-48.09	-13.00	-35.09	Peak

Band 26 Frequency : 821.5MHz | Polarization: Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	31.96	-64.30	18.56	6.83	30.92	-69.83	-13.00	-56.83	Peak
2	700.64	-70.88	28.49	10.26	29.65	-61.78	-13.00	-48.78	Peak
3	1354.21	-82.18	37.56	12.07	0.00	-32.55	-13.00	-19.55	Peak
4	2200.76	-80.99	41.72	14.03	0.00	-25.24	-13.00	-12.24	Peak
5	5894.35	-72.67	44.43	9.58	33.36	-52.02	-13.00	-39.02	Peak
6	10729.00	-74.92	52.54	12.50	33.24	-43.12	-13.00	-30.12	Peak

Band 26 Frequency : 831.5MHz | Polarization: Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	33.93	-68.28	26.84	6.86	30.92	-65.50	-13.00	-52.50	Peak
2	700.64	-73.23	28.21	10.26	29.65	-64.41	-13.00	-51.41	Peak
3	1421.28	-69.35	37.02	12.22	28.88	-48.99	-13.00	-35.99	Peak
4	2188.71	-69.65	40.87	14.00	28.33	-43.11	-13.00	-30.11	Peak
5	4707.72	-70.37	43.56	8.22	34.60	-53.19	-13.00	-40.19	Peak
6	9470.94	-75.46	49.95	11.96	31.75	-45.30	-13.00	-32.30	Peak

Band 26 Frequency : 831.5MHz | Polarization: Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	86.76	-67.38	24.46	7.39	30.78	-66.31	-13.00	-53.31	Peak
2	700.64	-71.80	28.49	10.26	29.65	-62.70	-13.00	-49.70	Peak
3	1402.66	-68.75	37.76	12.18	28.91	-47.72	-13.00	-34.72	Peak
4	2179.11	-68.99	41.39	13.98	28.32	-41.94	-13.00	-28.94	Peak
5	5379.67	-72.88	44.09	9.41	33.74	-53.12	-13.00	-40.12	Peak
6	10198.00	-74.07	51.23	12.41	31.76	-42.19	-13.00	-29.19	Peak

Band 26 Frequency : 841.5MHz | Polarization: Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	51.56	-59.62	23.70	7.06	30.85	-59.71	-13.00	-46.71	Peak
2	700.64	-73.32	28.21	10.26	29.65	-64.50	-13.00	-51.50	Peak
3	1449.66	-68.55	36.85	12.29	28.84	-48.25	-13.00	-35.25	Peak
4	1850.07	-68.28	37.34	13.21	25.38	-43.11	-13.00	-30.11	Peak
5	4811.26	-71.88	43.69	8.47	34.11	-53.83	-13.00	-40.83	Peak
6	10980.87	-75.48	52.86	12.53	32.07	-42.16	-13.00	-29.16	Peak

Band 26 Frequency : 841.5MHz | Polarization: Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	36.92	-62.14	20.19	6.89	30.92	-65.98	-13.00	-52.98	Peak
2	700.64	-67.75	28.49	10.26	29.65	-58.65	-13.00	-45.65	Peak
3	1551.85	-70.01	37.76	12.55	28.28	-47.98	-13.00	-34.98	Peak
4	2205.60	-68.98	41.66	14.05	28.36	-41.63	-13.00	-28.63	Peak
5	4902.82	-72.18	44.09	8.71	34.42	-53.80	-13.00	-40.80	Peak
6	10901.53	-74.33	52.70	12.52	32.33	-41.44	-13.00	-28.44	Peak

Band 25 Frequency : 1860MHz									Polarization: Horizontal
Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	34.90	-73.78	27.00	6.87	30.92	-70.83	-13.00	-57.83	Peak
2	874.39	-72.85	29.61	10.79	29.31	-61.76	-13.00	-48.76	Peak
3	1333.54	-69.62	37.02	12.02	28.96	-49.54	-13.00	-36.54	Peak
4	2480.73	-69.86	39.38	15.15	26.60	-41.93	-13.00	-28.93	Peak
5	3711.22	-68.12	42.28	7.02	37.13	-55.95	-13.00	-42.95	Peak
6	8808.49	-74.95	48.82	11.94	30.65	-44.84	-13.00	-31.84	Peak

Band 25 Frequency : 1860MHz									Polarization: Vertical
Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	35.89	-65.65	19.87	6.88	30.92	-69.82	-13.00	-56.82	Peak
2	700.64	-69.89	28.49	10.26	29.65	-60.79	-13.00	-47.79	Peak
3	1418.16	-69.33	37.76	12.22	28.88	-48.23	-13.00	-35.23	Peak
4	2480.73	-68.50	39.25	15.15	26.60	-40.70	-13.00	-27.70	Peak
5	3727.41	-67.15	42.23	7.04	37.09	-54.97	-13.00	-41.97	Peak
6	8732.17	-73.61	48.94	11.97	30.14	-42.84	-13.00	-29.84	Peak

Band 25 Frequency : 1882.5MHz									Polarization: Horizontal
Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	34.90	-74.96	27.00	6.87	30.92	-72.01	-13.00	-59.01	Peak
2	800.80	-74.34	29.86	10.56	29.43	-63.35	-13.00	-50.35	Peak
3	1366.16	-68.08	37.09	12.10	28.94	-47.83	-13.00	-34.83	Peak
4	2480.73	-68.99	39.38	15.15	26.60	-41.06	-13.00	-28.06	Peak
5	3915.81	-61.59	41.63	7.34	36.59	-49.21	-13.00	-36.21	Peak
6	10854.21	-73.55	52.56	12.51	32.48	-40.96	-13.00	-27.96	Peak

Band 25 Frequency : 1882.5MHz									Polarization: Vertical
Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	31.96	-64.67	18.56	6.83	30.92	-70.20	-13.00	-57.20	Peak
2	700.64	-78.28	28.49	10.26	29.65	-69.18	-13.00	-56.18	Peak
3	1399.58	-68.38	37.76	12.17	28.91	-47.36	-13.00	-34.36	Peak
4	2480.73	-69.47	39.25	15.15	26.60	-41.67	-13.00	-28.67	Peak
5	4755.76	-71.80	43.60	8.33	34.16	-54.03	-13.00	-41.03	Peak
6	8821.27	-74.46	49.44	11.94	30.75	-43.83	-13.00	-30.83	Peak

Band 25 Frequency : 1905MHz									Polarization: Horizontal
Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	34.90	-73.71	27.00	6.87	30.92	-70.76	-13.00	-57.76	Peak
2	874.39	-73.99	29.61	10.79	29.31	-62.90	-13.00	-49.90	Peak
3	1259.49	-68.40	36.86	11.85	28.85	-48.54	-13.00	-35.54	Peak
4	2402.94	-67.59	39.80	14.81	27.29	-40.27	-13.00	-27.27	Peak
5	4804.28	-71.04	43.67	8.46	34.12	-53.03	-13.00	-40.03	Peak
6	10901.53	-74.48	52.67	12.52	32.33	-41.62	-13.00	-28.62	Peak

Band 25 Frequency : 1905MHz									Polarization: Vertical
Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	42.79	-70.35	21.39	6.96	30.90	-72.90	-13.00	-59.90	Peak
2	874.39	-73.12	29.76	10.79	29.31	-61.88	-13.00	-48.88	Peak
3	1432.25	-69.43	37.76	12.25	28.86	-48.28	-13.00	-35.28	Peak
4	2174.33	-68.57	41.31	13.97	28.31	-41.60	-13.00	-28.60	Peak
5	4832.23	-71.01	43.77	8.53	34.15	-52.86	-13.00	-39.86	Peak
6	10869.96	-73.96	52.67	12.51	32.43	-41.21	-13.00	-28.21	Peak

Band 13 Frequency : 782MHz | Polarization: Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	36.92	-94.09	27.32	6.89	0.00	-59.88	-13.00	-46.88	Peak
2	403.39	-93.03	25.51	9.20	0.00	-58.32	-13.00	-45.32	Peak
3	1247.90	-65.11	36.84	3.95	36.66	-60.98	-13.00	-47.98	Peak
4	2500.25	-63.60	39.27	5.66	37.28	-55.95	-13.00	-42.95	Peak
5	5476.22	-73.38	43.94	9.35	32.48	-52.57	-13.00	-39.57	Peak
6	10888.51	-74.51	52.64	12.52	32.37	-41.72	-13.00	-28.72	Peak

Band 13 Frequency :782MHz | Polarization: Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	92.76	-94.93	25.85	7.45	0.00	-61.63	-13.00	-48.63	Peak
2	587.67	-93.65	26.96	9.90	0.00	-56.79	-13.00	-43.79	Peak
3	1374.64	-62.85	37.65	4.14	36.44	-57.50	-13.00	-44.50	Peak
4	2500.25	-63.00	39.23	5.66	37.28	-55.39	-13.00	-42.39	Peak
5	5504.17	-73.13	44.00	9.34	32.40	-52.19	-13.00	-39.19	Peak
6	10916.26	-74.89	52.71	12.52	32.28	-41.94	-13.00	-28.94	Peak

Band 13 Frequency : 779.5MHz | Polarization: Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	90.82	-94.73	25.88	7.43	0.00	-61.42	-13.00	-48.42	Peak
2	472.55	-92.40	25.45	9.47	0.00	-57.48	-13.00	-44.48	Peak
3	1374.64	-63.99	37.65	4.14	36.44	-58.64	-13.00	-45.64	Peak
4	2340.13	-60.37	40.02	5.46	37.34	-52.23	-13.00	-39.23	Peak
5	5047.83	-72.41	44.37	8.87	34.90	-54.07	-13.00	-41.07	Peak
6	8703.29	-74.35	48.68	11.98	29.94	-43.63	-13.00	-30.63	Peak

Band 13 Frequency : 779.5MHz | Polarization: Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	39.75	-91.56	27.74	6.93	0.00	-56.89	-13.00	-43.89	Peak
2	449.85	-92.18	25.95	9.37	0.00	-56.86	-13.00	-43.86	Peak
3	1198.10	-63.96	36.68	3.87	36.71	-60.12	-13.00	-47.12	Peak
4	2340.13	-62.41	40.15	5.46	37.34	-54.14	-13.00	-41.14	Peak
5	5574.67	-72.18	43.76	9.41	33.11	-52.12	-13.00	-39.12	Peak
6	10833.22	-74.88	52.51	12.51	32.55	-42.41	-13.00	-29.41	Peak

Band 13 Frequency : 784.5MHz | Polarization: Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	37.84	-94.25	27.46	6.90	0.00	-59.89	-13.00	-46.89	Peak
2	401.97	-93.18	25.47	9.19	0.00	-58.52	-13.00	-45.52	Peak
3	1247.90	-65.09	36.84	3.95	36.66	-60.96	-13.00	-47.96	Peak
4	2328.25	-65.24	40.22	5.45	37.39	-56.96	-13.00	-43.96	Peak
5	5086.52	-72.49	44.18	8.92	34.83	-54.22	-13.00	-41.22	Peak
6	10999.95	-75.50	52.91	12.53	32.01	-42.07	-13.00	-29.07	Peak

Band 13 Frequency : 784.5MHz | Polarization: Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	88.93	-93.62	25.42	7.41	0.00	-60.79	-13.00	-47.79	Peak
2	492.92	-93.96	26.08	9.53	0.00	-58.35	-13.00	-45.35	Peak
3	1329.89	-63.65	37.45	4.07	36.37	-58.50	-13.00	-45.50	Peak
4	2500.25	-61.95	39.23	5.66	37.28	-54.34	-13.00	-41.34	Peak
5	5271.06	-72.97	43.99	9.29	34.30	-53.99	-13.00	-40.99	Peak
6	10833.22	-74.82	52.64	12.51	32.55	-42.22	-13.00	-29.22	Peak

Band 12 Frequency :701.5MHz | Polarization: Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	36.92	-94.45	27.32	6.89	0.00	-60.24	-13.00	-47.24	Peak
2	407.67	-92.75	25.63	9.22	0.00	-57.90	-13.00	-44.90	Peak
3	1406.50	-63.57	37.12	4.18	36.61	-58.88	-13.00	-45.88	Peak
4	2328.25	-66.30	40.22	5.45	37.39	-58.02	-13.00	-45.02	Peak
5	4223.95	-68.11	42.36	7.69	35.91	-53.97	-13.00	-40.97	Peak
6	10916.26	-74.57	52.71	12.52	32.28	-41.62	-13.00	-28.62	Peak

Band 12 Frequency : 701.5MHz | Polarization: Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	95.74	-94.98	25.81	7.48	0.00	-61.69	-13.00	-48.69	Peak
2	420.77	-93.58	25.38	9.24	0.00	-58.96	-13.00	-45.96	Peak
3	1406.50	-62.73	37.76	4.18	36.61	-57.40	-13.00	-44.40	Peak
4	2500.25	-63.38	39.23	5.66	37.28	-55.77	-13.00	-42.77	Peak
5	4223.95	-66.64	42.59	7.69	35.91	-52.27	-13.00	-39.27	Peak
6	10888.51	-74.90	52.69	12.52	32.37	-42.06	-13.00	-29.06	Peak

Band 12 Frequency :707.5MHz | Polarization: Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	38.78	-94.92	27.60	6.92	0.00	-60.40	-13.00	-47.40	Peak
2	434.30	-93.35	26.02	9.30	0.00	-58.03	-13.00	-45.03	Peak
3	1410.08	-61.43	37.10	4.19	36.63	-56.77	-13.00	-43.77	Peak
4	2328.25	-65.54	40.22	5.45	37.39	-57.26	-13.00	-44.26	Peak
5	5271.06	-72.42	44.00	9.29	34.30	-53.43	-13.00	-40.43	Peak
6	10888.51	-75.20	52.64	12.52	32.37	-42.41	-13.00	-29.41	Peak

Band 12 Frequency : 707.5MHz | Polarization: Vertical

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	101.64	-93.80	25.53	7.53	0.00	-60.74	-13.00	-47.74	Peak
2	486.03	-93.25	25.90	9.51	0.00	-57.84	-13.00	-44.84	Peak
3	1410.08	-61.92	37.76	4.19	36.63	-56.60	-13.00	-43.60	Peak
4	2500.25	-61.13	39.23	5.66	37.28	-53.52	-13.00	-40.52	Peak
5	4234.72	-68.70	42.61	7.70	35.88	-54.27	-13.00	-41.27	Peak
6	10916.26	-75.51	52.71	12.52	32.28	-42.56	-13.00	-29.56	Peak

Band 12 Frequency :713.5MHz | Polarization: Horizontal

Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	40.03	-95.20	27.77	6.93	0.00	-60.50	-13.00	-47.50	Peak
2	437.37	-94.06	26.03	9.32	0.00	-58.71	-13.00	-45.71	Peak
3	1428.14	-55.65	36.98	4.21	36.63	-51.09	-13.00	-38.09	Peak
4	2500.25	-64.59	39.27	5.66	37.28	-56.94	-13.00	-43.94	Peak
5	4288.96	-64.20	42.57	7.76	35.85	-49.72	-13.00	-36.72	Peak
6	10833.22	-74.88	52.51	12.51	32.55	-42.41	-13.00	-29.41	Peak

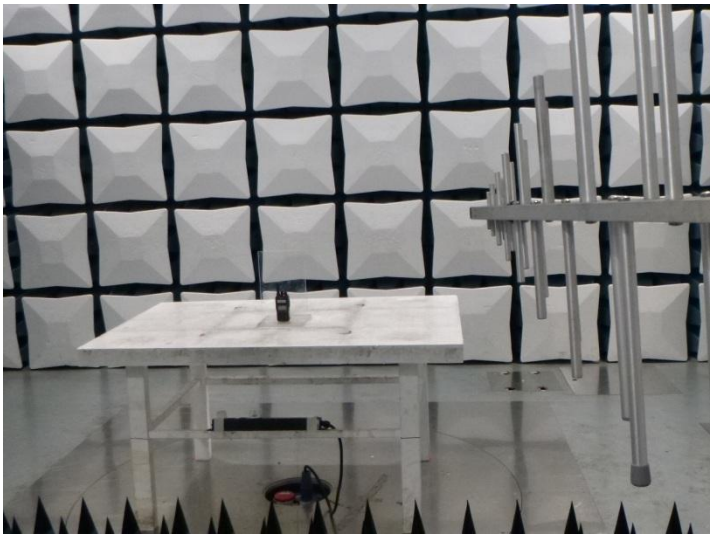
Band 12 Frequency : 713.5MHz | Polarization: Vertical

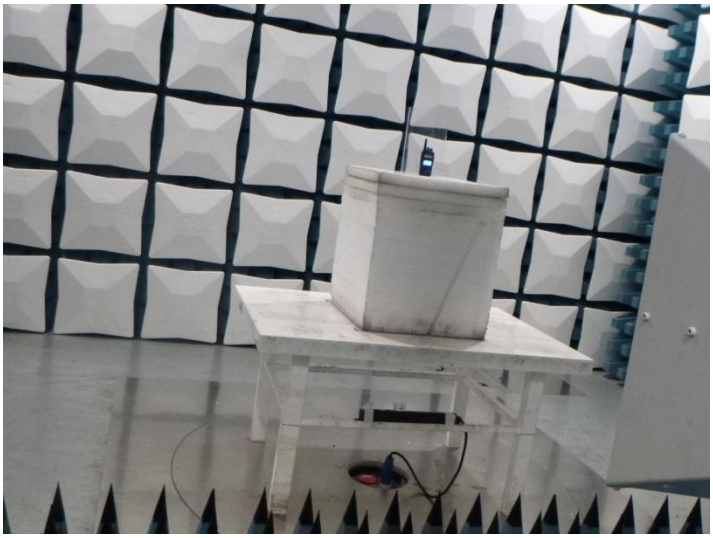
Mark	Frequency MHz	Reading dBm	Antenna dB	Cable dB	Preamp dB	Level dBm	Limit dBm	Over limit	Remark
1	95.74	-94.06	25.81	7.48	0.00	-60.77	-13.00	-47.77	Peak
2	438.91	-93.85	25.60	9.32	0.00	-58.93	-13.00	-45.93	Peak
3	1428.14	-58.21	37.76	4.21	36.63	-52.87	-13.00	-39.87	Peak
4	2861.38	-61.17	40.79	6.09	37.51	-51.80	-13.00	-38.80	Peak
5	4288.96	-62.23	42.75	7.76	35.85	-47.57	-13.00	-34.57	Peak
6	10778.21	-74.29	52.58	12.50	32.84	-42.05	-13.00	-29.05	Peak

Remark:
1. The emission behaviour belongs to narrowband spurious emission.
2. The emission levels of not record in the report are very lower than the limit and not show in test report.

6. TEST SETUP PHOTOS OF THE EUT

Radiated emission:





7. EXTERNAL AND INTERNAL PHOTOS OF THE EUT

Refere to the test report No.: CHTEW21110228

8. APPENDIX REPORT