FCC REPORT

Report Reference No.....:: CHTEW21080064 Report Verification:

Project No.....

SHT2106054104EW

FCC ID.....:: 2A2II-ITALK660

Applicant's name.....: **iTALKPTT** Corporation

Address..... 6905 S 1300 E #450, Cottonwood Heights, UT 84047-1817, USA

Test item description: **PoC Radio**

Trade Mark: **iTALKPTT**

Model/Type reference..... iTALK-660

Listed Model(s): iTALK-630, iTALK-600

FCC CFR Title 47 Part 2 Standard::

FCC CFR Title 47 Part 22

FCC CFR Title 47 Part 24

FCC CFR Title 47 Part 27

Date of receipt of test sample.....: Jun. 25, 2021

Date of testing.....: Jun. 26, 2021- Aug. 05, 2021

Date of issue..... Aug. 06, 2021

Result....: **Pass**

Compiled by

(position+printedname+signature)...: File administrators Silvia Li

Supervised by

(position+printedname+signature)....: Project Engineer Aaron Fang Silvia Li Aaron.Fang

Approved by

(position+printedname+signature)....: Manager Hans Hu

Testing Laboratory Name: Shenzhen Huatongwei International Inspection Co., Ltd.

1/F, Bldg 3, Hongfa Hi-tech Industrial Park, Genyu Road, Tianliao, Address.....:

Gongming, Shenzhen, China

Shenzhen Huatongwei International Inspection Co., Ltd. All rights reserved.

This publication may be reproduced in whole or in part for non-commercial purposes as long as the Shenzhen Huatongwei International Inspection Co., Ltd. is acknowledged as copyright owner and source of the material. Shenzhen Huatongwei International Inspection Co., Ltd. takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context.

The test report merely correspond to the test sample.

Report No.: CHTEW21080064 Page: 2 of 51 Issued: 2021-08-06

Contents

<u>1.</u>	IEST STANDARDS AND REPORT VERSION	3
1.1.	Applicable Standards	3
1.2.	Report version information	3
<u>2.</u>	TEST DESCRIPTION	4
_		
<u>3.</u>	SUMMARY	5
3.1.	Client Information	5
3.2.	Product Description	5
3.3.	Operation state	7
3.4.	EUT operation mode	9
3.5.	EUT configuration	10
3.6.	Modifications	10
<u>4.</u>	TEST ENVIRONMENT	10
4.1.	Testing Laboratory Information	10
4.2.	Equipments Used during the Test	11
4.3.	Environmental conditions	12
4.4.	Statement of the measurement uncertainty	12
<u>5.</u>	TEST CONDITIONS AND RESULTS	13
5.1.	Conducted Output Power	13
5.2.	Peak-to-Average Ratio	14
5.3.	99% Occupied Bandwidth & 26 dB Bandwidth	15
5.4.	Band Edge	16
5.5.	Conducted Spurious Emissions	17
5.6.	Frequency stability VS Temperature measurement	18
5.7.	Frequency stability VS Voltage measurement	19
5.8.	ERP and EIRP	20
5.9.	Radiated Spurious Emission	32
<u>6.</u>	TEST SETUP PHOTOS OF THE EUT	51
<u>7.</u>	EXTERNAL AND INTERNAL PHOTOS OF THE EUT	51
<u>8.</u>	APPENDIX REPORT	51
_		<u>.</u>

Report No.: CHTEW21080064 Page: 3 of 51 Issued: 2021-08-06

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	2021-08-06	Original

Report No.: CHTEW21080064 Page: 4 of 51 Issued: 2021-08-06

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	Jiongsheng Feng
Peak-to-Average Ratio	Part 24.232 Part 27.50	Pass	Jiongsheng Feng
99% Occupied Bandwidth & 26 dB Bandwidth	Part 2.1049 Part 22.917(b) Part 24.238(b) Part 27.53	Pass	Jiongsheng Feng
Band Edge	Part 2.1051 Part 22.917 Part 24.238 Part 27.53	Pass	Jiongsheng Feng
Conducted Spurious Emissions	Part 2.1051 Part 22.917 Part 24.238 Part 27.53	Pass	Jiongsheng Feng
Frequency stability VS Temperature	Part 2.1055(a)(1)(b) Part 22.355 Part 24.235 Part 27.54	Pass	Jiongsheng Feng
Frequency stability VS Voltage	Part 2.1055(d)(1)(2) Part 22.355 Part 24.235 Part 27.54	Pass	Jiongsheng Feng
ERP and EIRP	Part 22.913(a) Part 24.232(b) Part 27.50	Pass	Pan Xie
Radiated Spurious Emissions	Part 2.1053 Part 22.917 Part 24.238 Part 27.53	Pass	Pan Xie

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

Report No.: CHTEW21080064 Page: 5 of 51 Issued: 2021-08-06

3. **SUMMARY**

3.1. Client Information

Applicant:	iTALKPTT Corporation
Address:	6905 S 1300 E #450, Cottonwood Heights, UT 84047-1817, USA
Manufacturer:	Shenzhen VTU Systems Co., Ltd.
Address:	6/F, Building A, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Nanshan District, Shenzhen 518055, P.R. China

3.2. Product Description

Name of EUT:	PoC Radio									
Trade Mark:	iTALKPTT									
Model No.:	iTALK-660									
Listed Model(s):	iTALK-630, iTALK-600	iTALK-630, iTALK-600								
SIM Information:	Support Two SIM Car	d								
Power supply:	DC 3.8V									
Adapter information:	Model:JZB110-05020 Input: AC100-240V, 5 Output: 5.0Vdc, 2.0A	0/60Hz, 0.35A								
Hardware version:	V2.0									
Software version:	VTU_VTUBP01.005									
4G										
Operation Band:	☐ FDD Band 2☐ FDD Band 12☐ FDD Band 26	⊠ FDD Band 4 ⊠ FDD Band 13	⊠ FDD Band 5 ⊠ FDD Band 25							
Transmit frequency:	FDD Band 2: FDD Band 4: FDD Band 5: FDD Band 12: FDD Band 13: FDD Band 25: FDD Band 26:	1850.7 MHz - 1909.3 1710.7 MHz - 1754.3 824.7 MHz - 848.3 MI 699.7 MHz - 715.3 MI 779.5 MHz - 784.5 MI 1850.7 MHz- 1914.3 M	MHz Hz Hz Hz MHz							
Receive frequency:	FDD Band 2: FDD Band 4: FDD Band 5: FDD Band 12: FDD Band 13: FDD Band 25: FDD Band 26:	1930.7 MHz - 1989.3 2110.7 MHz - 2154.3 869.7 MHz - 893.3 MI 729.7 MHz - 745.3 MI 748.5 MHz - 753.5 MI 1930.7 MHz- 1994.3 M	MHz Hz Hz Hz MHz							
Channel bandwidth:	FDD Band 2: FDD Band 4:		z, 10MHz, 15MHz, 20MHz z, 10MHz, 15MHz, 20MHz							

Report No.:	CHTEW21080064	Page:	6 of 51	Issued:	2021-08-06
	FDD Band 5	:	1.4MHz, 3MHz, 5MHz	z, 10MHz	
	FDD Band 1	2:	1.4MHz, 3MHz, 5MHz	z, 10MHz	
	FDD Band 1	3:	5MHz, 10MHz		
	FDD Band 2 FDD Band 2		1.4MHz, 3MHz, 5MHz 1.4MHz, 3MHz, 5MHz	•	•
Power Class:	Class 3				
Modulation type:	QPSK, 16QA	λM			
Antenna type	Loop Antenn	а			
Antenna Gain	Band2:0.5dE Band4:0.5dE Band5:0.5dE Band12:0.5d Band13:0.5d Band25:0.5d Band26:0.5d	Bi Bi IBi Bi IBi			

Report No.: CHTEW21080064 Page: 7 of 51 Issued: 2021-08-06

3.3. Operation state

> Test frequency list

Test Frequency Bandwidth Na. Frequency of Downlink Mitz							
14 18607 18507 607 19037				NuL	Frequency of Uplink [MHz]	N _{DL}	Downlink
Column C			1.4	18607	1850.7	607	
Low Range							
### PDD Band 2 Fig. 19		Low Bango		18625	1852.5	625	1932.5
December 1998 1970 1980 1980 1990 1990 198		Low Range					
Mid Range			15 111				
1,000 1,00	EDD Band 2	Mid Dango	1 4/3/5/10				
1.4 19193 1909.3 1193 1980.3 1193 1980.5 1185 1986.5 1185 1986.5 1185 1986.5 1185 1986.5 1185 1986.5 1185 1986.5 1185 1986.5 1185 1986.5 1185 1986.5 1175 1907.6 1175 1907.5 1175 117	FDD Ballu Z	Wild realige	15 [1]/20 [1]	18900	1880	900	1960
High Range				19193	1909.3	1193	1989.3
Figh Hange							
Test Frequency ID Bandwidth No. Frequency of No. Prequency o		High Range					
Test Frequency ID Bandwidth Nul Frequency of Demonstration Page Pag		g					
NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement (TS 3.6.101 [27] Clause 7.3) is allowed. Test Frequency ID Bandwidth Nu. Frequency of Upfink [MHz] Upfink [MHz							
Test Frequency ID Bandwidth Nu. Frequency of Demonstration Demonst		NOTE 1: Bandwidth					
Test Frequency ID Bandwidth Nuk Frequency of Uplink (MHz) Uplink (MHz) Downlink (MHz)							
Company		Test Frequency ID	Bandwidth	NuL	Frequency of	N _{DL}	Frequency of
Section Color Co			[MHz]		Uplink [MHz]		Downlink [MHz]
Form Frequency D							
Fold Frequency Fold Frequency of Frequenc							
15		Low Range					
Mid Range	EDD Day L4	1					
Mid Range	FUU Band 4			20050			
1.4 20393 1754.3 2393 2154.3 3395 2153.5 32036 1753.5 2386 2153.5 5 20375 1752.5 2375 2152.5 2152.5 15 20325 1747.5 2325 2147.5 2300 2145 200 23300 1745 2300 2145 2300 2300 2300 2300 2300 2345 2300 2300 2345 2300 2300 2300 2345 2300 2300 2345 2300 2300 2300 2345 2300 2300 2300 2345 2300 2300 2300 2345 2300 230		Mid Range			1732.5		
High Range			1.4		1754.3		2154.3
Test Frequency ID							
Test Frequency ID		High Range					
Test Frequency ID							
Test Frequency ID						2325	
Table 4.3.1.1.12-1: Test frequencies for E-UTRA channel bandwidth for operating band 12 Test Frequency ID MHz MHz MHz MHz MIMRange 1.4/3 23025 707.5 5095 737.5 10 11 23130 711.5 5165 744.5 5101 23130 711.5 5165 744.5 5101 23130 712 5101 712 5100 741.5 5105 743.5 744.5 743.5 743.5 744.5 743.5 744.5 743.5 743.5 744.5 743.5 744.5 743.5 744.5 743.5 744.5 743.5 744				20000		2000	2
Table 4.3.1.1.12-1: Test frequencies for E-UTRA channel bandwidth for operating band 12 Test Frequency ID MHz MHz MHz MHz MIMRange 1.4/3 23025 707.5 5095 737.5 10 11 23130 711.5 5165 744.5 5101 23130 711.5 5165 744.5 5101 23130 712 5101 712 5100 741.5 5105 743.5 744.5 743.5 743.5 744.5 743.5 744.5 743.5 743.5 744.5 743.5 744.5 743.5 744.5 743.5 744.5 743.5 744							
Description		Test Frequency ID		N _{UL}		N _{DL}	Downlink
FDD Band 5			1.4	20407	824.7	2407	
Table 4.3.1.1.12-1: Test frequencies for E-UTRA channel bandwidth for operating band 12 Test Frequency of MHz] Mid Range 1.4/3 2005		Low Range					
Mild Range		Low range	5				
10 11 20520 831.3 839.3 839.3 839.5 847.5 2635 839.5 839.5 847.5 2635 839.5 847.5 2635 839.5 847.5 2635 839.5 847.5 2635 839.5 847.5 2635 839.5 847.5 2635 839.5 847.5 2635 839.5 847.5 2635 839.5 847.5 2635 839.5 847.5 2635 839.5 847.5 2635 839.5 847.5 2635 839.5 847.5 2635 839.5 847.5 2635 839.5 847.5 2635 839.5 847.5 2635 839.5 848.5 2625 839.5 848.5 2620 839.5	EDD Bond F			20450	829	2450	874
High Range	FDD Ballu 5	Mid Range					
Figure F							
Table 4.3.1.1.12-1: Test frequencies for E-UTRA channel bandwidth for operating band 12 Test Frequency ID Bandwidth NuL Frequency of Uplink (MHz) Uplink (MHz		High Range					
NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement (TS 36.101 [27] Clause 7.3) is allowed. Table 4.3.1.1.12-1: Test frequencies for E-UTRA channel bandwidth for operating band 12 Test Frequency ID Bandwidth NuL Frequency of NoL Prequency of NoL NoTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement NoTE 1: Bandwidth NoL Prequency of NoL							
Table 4.3.1.1.12-1: Test frequencies for E-UTRA channel bandwidth for operating band 12 Test Frequency ID		NOTE 1: Bandwidth f					
Test Frequency ID							
Test Frequency ID							
Test Frequency ID		Table 4.3.1.1.12-1:	Test frequencie	s for E-UTR	A channel band	width for o	perating band 12
Test Frequency ID Bandwidth NuL Frequency of CTS 36.101 [27] Clause 7.3) is allowed. Test Frequency ID Bandwidth NuL Frequency of Downlink [MHz] Low Range 5 (19) 23030 782 5230 751 19) Test Frequency ID Bandwidth NuL Frequency of Downlink [MHz] Low Range 5 (19) (19) 23030 782 5230 751 19) Test Frequency ID Bandwidth NuL State St			·				
Low Range		rest Frequency ID		NUL		INDL	
Low Range				23017		5017	
FDD Band 12 Strip		Low Dange	3	23025	700.5	5025	730.5
Mid Range		Low Range		23035	701.5	5035	731.5
Test Frequency ID Bandwidth NuL Frequency of NoL Committee Number of Numbe	FDD Band 12	1					
1.4 23173 715.3 5173 745.3	I DD Dailu IZ	Mid Range	1.4/3 5 [1]/10 [1]	23095	707.5	5095	737.5
High Range				23173	715.3	5173	745.3
High Range		Lligh Dans	3				
NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement (TS 36.101 [27] Clause 7.3) is allowed.		High Range	5 [1]	23155	713.5	5155	743.5
Test Frequency ID Bandwidth NuL Frequency of Downlink [MHz] Uplink [M							
Test Frequency ID		NOTE 1: Bandwidth (TS 36 101	for which a relaxati	on of the spe	cified UE receiver s	ensitivity req	uirement
FDD Band 13		(10 00.101	[_1] 0.0000 1.0) 13				
FDD Band 13							
FDD Band 13		Test Frequency ID		NuL	Frequency of	NDL	
Low Hange				23205	Uplink [MHz]	5205	
Mid Range 5 (17)/10 (17) 23230 782 5230 751 High Range 5 (17) 23255 784.5 5255 753.5 NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement		Low Range				5230	
High Range	FDD Band 13	Mid Range					
NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement			5 [1]	23255	784.5	5255	753.5
NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement (TS 36.101 [27] Clause 7.3) is allowed.				23230		5230	751
(10 ov. 10) [21] Olause 1.0) is allowed.		NOTE 1: Bandwidt	n for which a relaxat	ion of the sper	CITIED UE receiver se	nsitivity requi	rement
<u> </u>		(13 36.10	, [21] Olduse 1.3) IS	anoweu.			

Report No.: CHTEW21080064 Page: 8 of 51 Issued: 2021-08-06

	Test Frequency ID	Bandwidth [MHz]	NuL	Frequency of Uplink [MHz]	N _{DL}	Frequency of Downlink [MHz]
		1.4	26047	1850.7	8047	1930.7
	11	3	26055	1851.5	8055	1931.5
		5	26065	1852.5	8065	1932.5
	Low Range	10	26090	1855	8090	1935
		15 [1]	26115	1857.5	8115	1937.5
		20 [1]	26140	1860	8140	1940
DD Band 25	Mid Range	1.4/3/5/10 15 [1]/20 [1]	26365	1882,5	8365	1962.5
		1.4	26683	1914.3	8683	1994.3
		3	26675	1913.5	8675	1993.5
	High Range	5	26665	1912.5	8665	1992.5
	High Range	10	26640	1910	8640	1990
		15 [1]	26615	1907.5	8615	1987.5
		20 [1]	26590	1905	8590	1985
	NOTE 1: Bandwidtl (TS 36.10	1 [27] Clause 7.3) is		ecined OL receiver	sensitivity is	Squiloment
				Frequency of Uplink [MHz]	N _{DL}	Frequency of Downlink [MHz
	(TS 36.10	1 [27] Clause 7.3) is	allowed.	Frequency of		Frequency of
	(TS 36.10	1 [27] Clause 7.3) is Banwidth[MHz]	allowed.	Frequency of Uplink [MHz]	N _{DL}	Frequency of Downlink [MHz
	(TS 36.10	1 [27] Clause 7.3) is Banwidth[MHz]	N _{UL}	Frequency of Uplink [MHz] 824.7	N _{DL}	Frequency of Downlink [MHz 869.7
EDD Bond 26	Test Frequency	1 [27] Clause 7.3) is Banwidth[MHz] 1.4 3	N _{UL} 26797 26805	Frequency of Uplink [MHz] 824.7 825.5	N _{DL} 8797 8805	Frequency of Downlink [MHz 869.7 870.5
DD Band 26	Test Frequency	1 [27] Clause 7.3) is Banwidth[MHz] 1.4 3 5	N _{UL} 26797 26805 26815	Frequency of Uplink [MHz] 824.7 825.5 826.5	N _{DL} 8797 8805 8815	Frequency of Downlink [MHz 869.7 870.5 871.5
DD Band 26	Test Frequency	Banwidth[MHz] 1 [27] Clause 7.3) is Banwidth[MHz] 1.4 3 5 10	N _{UL} 26797 26805 26815 26840	Frequency of Uplink [MHz] 824.7 825.5 826.5 829	N _{DL} 8797 8805 8815 8840	Frequency of Downlink [MHz] 869.7 870.5 871.5 874
DD Band 26	Test Frequency ID Low Range	Banwidth[MHz] 1.4 3 5 10 15	N _{UL} 26797 26805 26815 26840 26865	Frequency of Uplink [MHz] 824.7 825.5 826.5 829 831.5	N _{DL} 8797 8805 8815 8840 8865	Frequency of Downlink [MHz] 869.7 870.5 871.5 874 876.5
DD Band 26	Test Frequency ID Low Range	Banwidth[MHz] 1.4 3 5 10 15 1.4/3/5/10/15	N _{UL} 26797 26805 26815 26840 26865 26915	Frequency of Uplink [MHz] 824.7 825.5 826.5 829 831.5 836.5	N _{DL} 8797 8805 8815 8840 8865 8915	Frequency of Downlink [MHz] 869.7 870.5 871.5 874 876.5 881.5
DD Band 26	Test Frequency ID Low Range	Banwidth[MHz] 1.4 3 5 10 15 1.4/3/5/10/15 1.4	N _{UL} 26797 26805 26815 26840 26865 26915 27033	Frequency of Uplink [MHz] 824.7 825.5 826.5 829 831.5 836.5 848.3	N _{DL} 8797 8805 8815 8840 8865 8915 9033	Frequency of Downlink [MHz] 869.7 870.5 871.5 874 876.5 881.5 893.3
FDD Band 26	Test Frequency ID Low Range Mid Range	Banwidth[MHz] 1.4 3 5 10 15 1.4/3/5/10/15 1.4 3	N _{UL} 26797 26805 26815 26840 26865 26915 27033 27025	Frequency of Uplink [MHz] 824.7 825.5 826.5 829 831.5 836.5 848.3 847.5	N _{DL} 8797 8805 8815 8840 8865 8915 9033 9025	Frequency of Downlink [MHz] 869.7 870.5 871.5 874 876.5 881.5 893.3 892.5

Report No.: CHTEW21080064 Page: 9 of 51 Issued: 2021-08-06

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.

				Bandwid	Ith (MHz)			Modu	ılation		RB#	
Test Items	Band	1.4	3	5	10	15	20	QPSK	16QAM	1	Half	Full
	2	0	0	0	0	0	0	0	0	0	0	0
Conducted Output	4	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0	0	-	-	0	0	0	0	0
Conducted Output Power	12	0	0	0	0	-	-	0	0	0	0	0
1 GWCI	13	-	-	0	0	-	-	0	0	0	0	0
	25	0	0	0	0	0	0	0	0	0	0	0
	26	0	0	0	0	0	-	0	0	0	0	0
	2	0	0	0	0	0	0	0	0	0	-	0
	4	0	0	0	0	0	0	0	0	0	-	0
D 1 4 A	5	0	0	0	0	-	-	0	0	0	-	0
Peak-to-Average Ratio	12	0	0	0	0	-	-	0	0	0	-	0
rano	13	-	-	0	0	ı	-	0	0	0	-	0
	25	0	0	0	0	0	0	0	0	0	-	0
	26	0	0	0	0	0	-	0	0	0	-	0
	2	0	0	0	0	0	0	0	0	-	-	0
	4	0	0	0	0	0	0	0	0	-	-	0
99% Occupied	5	0	0	0	0	-	-	0	0	-	-	0
Bandwidth & 26	12	0	0	0	0	-	-	0	0	-	-	0
dB Bandwidth	13	-	-	0	0	-	-	0	0	1	-	0
	25	0	0	0	0	0	0	0	0	-	-	0
	26	0	0	0	0	0	-	0	0	-	-	0
	2	0	0	0	0	0	0	0	0	0	-	0
	4	0	0	0	0	0	0	0	0	0	-	0
	5	0	0	0	0	-	-	0	0	0	-	0
Band Edge	12	0	0	0	0	-	-	0	0	0	-	0
	13	-	-	0	0	-	-	0	0	0	-	0
	25	0	0	0	0	0	0	0	0	0	-	0
	26	0	0	0	0	0	-	0	0	0	-	0
	2	0	0	0	0	0	0	0	0	0	-	-
	4	0	0	0	0	0	0	0	0	0	-	-
	5	0	0	0	0	-	-	0	0	0	-	-
Conducted Spurious Emission	12	0	0	0	0	-	-	0	0	0	-	-
Spanous Emission	13	-	-	0	0	-	-	0	0	0	-	-
	25	0	0	0	0	0	0	0	0	0	-	-
	26	0	0	0	0	0	-	0	0	0	-	-
	2	0	0	0	0	0	0	0	0	-	-	0
	4	0	0	0	0	0	0	0	0	-	-	0
Farmer.	5	0	0	0	0	-	-	0	0	-	-	0
Frequency Stability	12	0	0	0	0	-	-	0	0	-	-	0
Clasiney	13	-	-	0	0	-	-	0	0	-	-	0
	25	0	0	0	0	0	0	0	0	-	-	0
	26	0	0	0	0	0	-	0	0	-	-	0
	2	0	0	0	0	0	0	0	0	0	-	-
	4	0	0	0	0	0	0	0	0	0	-	-
	5	0	0	0	0	-	-	0	0	0	-	-
ERP and EIRP	12	0	0	0	0	-	-	0	0	0	-	-
	13	-	-	0	0	-	-	0	0	0	-	-
	25	0	0	0	0	0	0	0	0	0	-	-
	26	0	0	0	0	0	-	0	0	0	-	-

Report No.:	CHTEW21080064	Page:	10 of 51	Issued:	2021-08-06

	2	0	0	0	0	0	0	0	0	0	-	-
	4	0	0	0	0	0	0	0	0	0	-	-
D #	5	0	0	0	0	-	-	0	0	0	-	-
Radiated Spurious Emission	12	0	0	0	0	-	-	0	0	0	-	-
Limosion	13	-	-	0	0	-	-	0	0	0	-	-
	25	0	0	0	0	0	0	0	0	0	-	-
	26	0	0	0	0	0	-	0	0	0	-	-
Remark	2. The 3. The unc	e mark "-" e device is	means th s investig nt RB siz	at this ba atedfrom e/offset a	ndwidth is 30MHz to		offundar	nental signa	al for radiate esequently, c			

3.5. EUT configuration

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

supplied by the manufacturer

		,	
O	- supplied	d by the	lab

	/	Manufacturer:	/
0	1	Model No.:	/
	/	Manufacturer:	/
0		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	Туре	Accreditation Number		
Qualifications	FCC	762235		

Report No.: CHTEW21080064 Page: 11 of 51 Issued: 2021-08-06

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	2020/10/19	2021/10/18
•	Signal & Spectrum Analyzer	R&S	HTWE0262	FSW26	103440	2020/10/19	2021/10/18
•	Spectrum Analyzer	Agilent	HTWE0286	N9020A	MY50510187	2020/10/19	2021/10/18
•	Radio communication tester	R&S	HTWE0287	CMW500	137688-Lv	2020/10/19	2021/10/18
•	Test software	Tonscend	N/A	JS1120	N/A	N/A	N/A

•	Radiated Spu	rious 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	2021/09/26
•	Spectrum Analyzer	R&S	HTWE0098	FSP40	100597	2020/10/20	2021/10/19
•	Loop Antenna	R&S	HTWE0170	HFH2-Z2	100020	2021/04/06	2022/04/05
•	Broadband Horn Antenna	SCHWARZBECK	HTWE0103	BBHA9170	BBHA9170472	2018/10/11	2021/10/11
•	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	2020/11/13	2021/11/12
•	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	HTWE0120- 03	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)		
•	Climate chamber	ESPEC	HTWE0254	GPL-2	N/A	2020/10/21	2021/10/20		
•	DC Power Supply	Gwinstek	HTWE0274	SPS-2415	GER835793	N/A	N/A		

Report No.: CHTEW21080064 Page: 12 of 51 Issued: 2021-08-06

4.3. Environmental conditions

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

	VN=Nominal Voltage	DC 3.80V		
Voltage	VL=Lower Voltage	DC 3.60V		
	VH=Higher Voltage	DC 4.35V		
Tomporoturo	TN=Normal Temperature	25 °C		
Temperature	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 compatibility and Radio spectrum Matters (ERM); Uncertainties in the measurement of mobile radio equipment characteristics; Part 1"and TR-100028-02 "Electromagnetic compatibility and Radio spectrum Matters (ERM); Uncertainties in the measurement of 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.

Report No.: CHTEW21080064 Page: 13 of 51 Issued: 2021-08-06

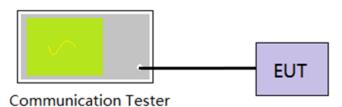
5. TEST CONDITIONS AND RESULTS

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

Refer to appendix A on the section 8 appendix report

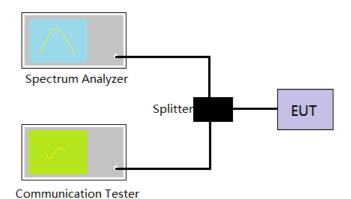
Report No.: CHTEW21080064 Page: 14 of 51 Issued: 2021-08-06

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 duration of 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

Refer to appendix B on the section 8 appendix report

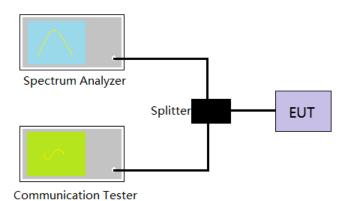
Report No.: CHTEW21080064 Page: 15 of 51 Issued: 2021-08-06

5.3. 99% Occupied Bandwidth & 26 dB Bandwidth

<u>LIMIT</u>

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

Refer to appendix C on the section 8 appendix report

Report No.: CHTEW21080064 Page: 16 of 51 Issued: 2021-08-06

5.4. Band Edge

LIMIT

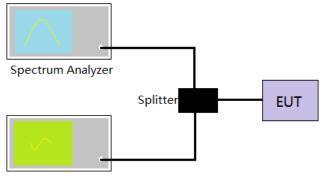
Part 24.238 and Part 22.917 and Part 27.53 specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

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



Communication Tester

TEST PROCEDURE

- 1. The EUT was connected to the spectrum analyzer and communication tester via a power splitter
- Set EUT in maximum power output.
- 3. The band edges of low and high channels were measured.
- 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

Refer to appendix D on the section 8 appendix report

Report No.: CHTEW21080064 Page: 17 of 51 Issued: 2021-08-06

5.5. Conducted Spurious Emissions

LIMIT

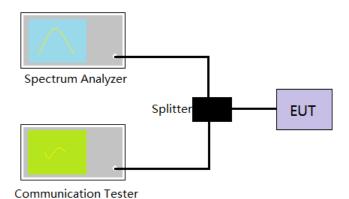
Part 24.238 and Part 22.917 and Part 27.53 specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

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.
- 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

Refer to appendix E on the section 8 appendix report

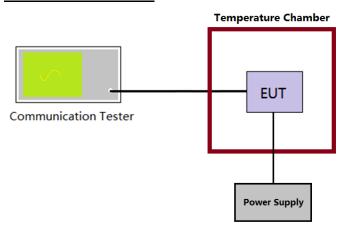
Report No.: CHTEW21080064 Page: 18 of 51 Issued: 2021-08-06

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

Refer to appendix F on the section 8 appendix report

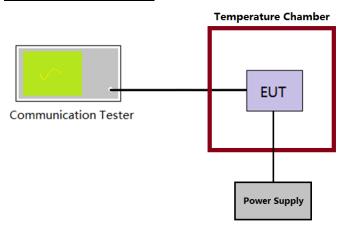
Report No.: CHTEW21080064 Page: 19 of 51 Issued: 2021-08-06

5.7. Frequency stability VS Voltage measurement

<u>LIMIT</u>

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

Refer to appendix F on the section 8 appendix report

Report No.: CHTEW21080064 Page: 20 of 51 Issued: 2021-08-06

5.8. ERP and EIRP

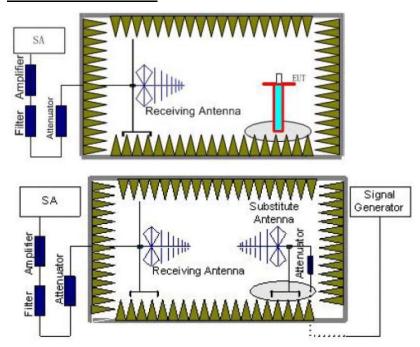
LIMIT

LTE Band 2/25: 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. 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.
- 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.

Report No.: CHTEW21080064 Page: 21 of 51 Issued: 2021-08-06

- 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.
- 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.
 - 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

 Report No.: CHTEW21080064 Page: 22 of 51 Issued: 2021-08-06

LTE Band 2-1.4MHz							
Modulation	Channel	EIRP	EIRP (dBm)		Dazult		
Wodulation	Channel	Vertical	Horizontal	Limit (dBm)	Result		
	Low	w 20.49 18.28					
QPSK	Mid	20.83	18.19	700.00	PASS		
	High	20.57	18.21				
	Low	20.40	18.23	≤33.00			
16QAM	Mid	20.77	18.29]	PASS		
	High	20.49	18.12				

LTE Band 2-3MHz							
Modulation	Channel	EIRP	EIRP (dBm)		Decult		
iviodulation	Channel	Vertical	Horizontal	Limit (dBm)	Result		
	Low	20.42	18.23	700.00			
QPSK	Mid	20.86	18.12		PASS		
	High	20.60	18.22				
	Low	20.31	18.13	≤33.00			
16QAM	Mid	20.62	18.13		PASS		
	High	20.42	18.15				

	LTE Band 2-5MHz							
Modulation	Channel	EIRP	(dBm)	Limit (dRm)	Result			
iviodulation	Chamilei	Vertical	Horizontal	Limit (dBm)				
	Low	20.43	18.21	700.00				
QPSK	Mid	20.72	18.17		PASS			
	High	20.51	18.29					
	Low	20.43	18.35	≤33.00				
16QAM	Mid	20.66	18.08		PASS			
	High	20.37	18.13					

LTE Band 2-10MHz							
Modulation	Channel	EIRP	EIRP (dBm)		Decult		
iviodulation	Chamei	Vertical	Horizontal	Limit (dBm)	Result		
	Low	Low 20.52 18.16					
QPSK	Mid	20.84	18.21	<22.00	PASS		
	High	20.46	18.19				
	Low	20.61	18.40	≤33.00			
16QAM	Mid	20.88	18.30		PASS		
	High	20.46	18.19				

Report No.: CHTEW21080064 Page: 23 of 51 Issued: 2021-08-06

LTE Band 2-15MHz							
Modulation	Channel	EIRP	(dBm)	Limit (dDm)	Result		
Modulation	Channel	Vertical	Horizontal	Limit (dBm)			
	Low	20.45	18.18	700.00			
QPSK	Mid	20.79	18.20		PASS		
	High	20.60	18.17				
	Low	20.33	18.23	- ≤33.00			
16QAM	Mid	20.67	18.10		PASS		
	High	20.44	18.05				

LTE Band 2-20MHz								
Modulation	Channel	EIRP	(dBm)	Limit (dPm)	Dogult			
iviodulation	Channel	Vertical	Horizontal	Limit (dBm)	Result			
	Low	20.40	18.17	400.00				
QPSK	Mid	20.70	18.08		PASS			
	High	20.47	18.30					
	Low	20.26	18.23	≤33.00				
16QAM	Mid	20.53	18.05		PASS			
	High	20.44	18.08					

Report No.: CHTEW21080064 Page: 24 of 51 Issued: 2021-08-06

LTE Band 4-1.4MHz									
Maril Jack	Channel	EIRP	(dBm)	Limit (dPm)	Result				
Modulation	Channel	Vertical	Horizontal	Limit (dBm)	Result				
	Low	21.25	18.14						
QPSK	Mid	21.58	18.74	400.00	PASS				
	High	20.66	18.22						
	Low	21.10	18.06	≤30.00					
16QAM	Mid	21.45	18.86		PASS				
	High	20.50	18.05						

LTE Band 4-3MHz								
Modulation	Channel	EIRP	(dBm)	Limit (dBm)	Result			
iviodulation	Chamilei	Vertical	Horizontal	Limit (dbin)	Kesuit			
	Low	21.14	18.08					
QPSK	Mid	21.63	18.64		PASS			
	High	20.71	18.24	<20.00				
	Low	20.96	17.90	≤30.00				
16QAM	Mid	21.28	18.68		PASS			
	High	20.41	18.10					

	LTE Band 4-5MHz								
Modulation	Channel	EIRP	(dBm)	Limit (dPm)	Result				
iviodulation	Channel	Vertical	Horizontal	Limit (dBm)	Result				
	Low	21.17	18.05						
QPSK	Mid	21.42	18.73	400.00	PASS				
	High	20.54	18.30						
	Low	21.20	18.32	≤30.00					
16QAM	Mid	21.31	18.57		PASS				
	High	20.31	18.04						

	LTE Band 4-10MHz								
Modulation	Channel	EIRP	(dBm)	Limit (dRm)	Result				
Modulation	Channel	Vertical		Limit (dBm)	Resuit				
	Low	21.29	17.94						
QPSK	Mid	21.59	18.78		PASS				
	High	20.52	18.23	<20.00					
	Low	21.40	18.31	≤30.00					
16QAM	Mid	21.58	18.86		PASS				
	High	20.49	18.19						

Report No.: CHTEW21080064 Page: 25 of 51 Issued: 2021-08-06

	LTE Band 4-15MHz									
Modulation	Channel	EIRP	EIRP (dBm)		Dooult					
Modulation	Channel	Vertical	Horizontal	Limit (dBm)	Result					
	Low	21.16	17.97							
QPSK	Mid	21.58	18.83	100.00	PASS					
	High	20.72	18.16							
	Low	20.97	18.06	≤30.00						
16QAM	Mid	21.41	18.68		PASS					
	High	20.44	17.95							

LTE Band 4-20MHz								
Modulation	Channel	EIRP	(dBm)	Limit (dPm)	Danish			
iviodulation	Channel	Vertical	Horizontal	Limit (dBm)	Result			
	Low	21.10	17.96					
QPSK	Mid	21.39	18.59	400.00	PASS			
	High	20.52	18.41					
	Low	20.88	18.11	≤30.00				
16QAM	Mid	21.15	18.57		PASS			
	High	20.47	18.02					

Report No.: CHTEW21080064 Page: 26 of 51 Issued: 2021-08-06

LTE Band 5-1.4MHz									
Maril Jack	Channel	ERP	(dBm)	Limit (dPm)	Result				
Modulation	Channel	Vertical	Horizontal	Limit (dBm)	Result				
	Low	21.60	18.25						
QPSK	Mid	22.48	18.74		PASS				
	High	21.20	18.50	<20 F0					
	Low	21.48	18.18	≤38.50					
16QAM	Mid	22.39	18.85		PASS				
	High	21.12	18.41						

LTE Band 5-3MHz									
Mashalatian	Channel	ERP	(dBm)	Limit (dBm)	Result				
Modulation	Chamilei	Vertical	Horizontal	Lilliit (dbill)	Nesuit				
	Low	21.55	18.23						
QPSK	Mid	22.44	18.62	400.50	PASS				
	High	21.29	18.57						
	Low	21.40	18.09	≤38.50					
16QAM	Mid	22.24	18.69		PASS				
	High	21.10	18.51						

	LTE Band 5-5MHz								
Modulation	Channel	ERP	ERP (dBm)		Result				
Modulation	Channel	Vertical	Horizontal	Limit (dBm)	Result				
	Low	21.53	18.18						
QPSK	Mid	22.27	18.65	400.50	PASS				
	High	21.17	18.63						
	Low	21.58	18.39	≤38.50					
16QAM	Mid	22.21	18.56		PASS				
	High	20.98	18.40						

	LTE Band 5-10MHz								
Modulation	Channel	ERP	(dBm)	Limit (dRm)	Daguit				
Modulation	Channel	Vertical	Horizontal	Limit (dBm)	Result				
	Low	21.62	18.11						
QPSK	Mid	22.48	18.76	400.50	PASS				
	High	21.17	18.58						
	Low	21.67	18.34	≤38.50					
16QAM	Mid	22.43	18.79		PASS				
	High	21.15	18.57						

Report No.: CHTEW21080064 Page: 27 of 51 Issued: 2021-08-06

LTE Band 12-1.4MHz								
Modulation	Channel	ERP	ERP (dBm)		Dogult			
Modulation	Channel	Vertical	Horizontal	Limit (dBm)	Result			
	Low	21.63	19.58					
QPSK	Mid	22.21	20.20	10.4.77	PASS			
	High	21.64	19.65					
	Low	21.44	19.46	≤34.77				
16QAM	Mid	22.06	20.24		PASS			
	High	21.52	19.53					

LTE Band 12-3MHz								
Madulation	Channel	ERP	(dBm)	Limit (dBm)	Result			
Modulation	Chamer	Vertical	Horizontal	Lilliit (ubili)	Kesuit			
	Low	21.55	19.54					
QPSK	Mid	22.24	20.12		PASS			
	High	21.67	19.67	<24.77				
	Low	21.36	19.37	- ≤34.77				
16QAM	Mid	21.93	20.10		PASS			
	High	21.46	19.58					

LTE Band 12-5MHz								
Modulation	Channel	ERP	(dBm)	Limit (dPm)	Result			
iviodulation	Channel	Vertical	Horizontal	Limit (dBm)	Result			
	Low	21.52	19.48	10.1.77				
QPSK	Mid	22.04	20.15		PASS			
	High	21.57	19.75					
	Low	21.59	19.74	≤34.77				
16QAM	Mid	22.00	20.07		PASS			
	High	21.38	19.54					

LTE Band 12-10MHz								
Modulation	Channel	ERP	(dBm)	Limit (dBm)	Result			
Modulation	Channel	Vertical	Horizontal	LIIIII (UDIII)	Resuit			
	Low	21.61	19.39					
QPSK	Mid	22.21	20.22	40.4.77	PASS			
	High	21.56	19.69					
	Low	21.64	19.63	- ≤34.77				
16QAM	Mid	22.19	20.28]	PASS			
	High	21.56	19.70					

Report No.: CHTEW21080064 Page: 28 of 51 Issued: 2021-08-06

LTE Band 13-5MHz									
Modulation	Channel	ERP	(dBm)	Limit (dPm)	Result				
iviodulation	Channel	Vertical	Horizontal	Limit (dBm)	Result				
	Low	21.01	18.20						
QPSK	Mid	21.91	18.79		PASS				
	High	21.13	17.89	-44 77					
	Low	20.88	18.12	<44.77					
16QAM	Mid	21.79	18.94		PASS				
	High	20.99	17.74						

LTE Band 13-10MHz							
Modulation	Channel	ERP (dBm)		Limit (dPm)	Pocult		
iviodulation	Channel	Vertical	Horizontal	Limit (dBm)	Result		
QPSK	Mid	22.01	18.74	<44.77	PASS		
16QAM	Mid	21.60	18.71	\ 44 .77	PASS		

Report No.: CHTEW21080064 Page: 29 of 51 Issued: 2021-08-06

LTE Band 25-1.4MHz									
Modulation	Channel	EIRP	(dBm)	Limit (dPm)	Result				
iviodulation		Vertical	Horizontal	Limit (dBm)	Result				
	Low	20.72	18.13						
QPSK	Mid	21.42	18.50		PASS				
	High	20.46	18.00	<22.00					
	Low	20.61	18.07	≤33.00					
16QAM	Mid	21.33	18.58		PASS				
	High	20.37	17.91						

LTE Band 25-3MHz								
Madulation	Channel	EIRP	(dBm)	Limit (dBm)	Result			
Modulation	Chamilei	Vertical	Horizontal	Limit (dbin)	Kesuit			
	Low	20.67	18.11					
QPSK	Mid	21.45	18.44		PASS			
	High	20.53	18.05	<22.00				
	Low	20.56	18.00	≤33.00				
16QAM	Mid	21.26	18.51		PASS			
	High	20.32	17.95					

LTE Band 25-5MHz								
Modulation	Channel	EIRP	(dBm)	Limit (dPm)	Result			
iviodulation	Channel	Vertical	Horizontal	Limit (dBm)	Result			
	Low	20.67	18.07	400.00				
QPSK	Mid	21.32	18.50		PASS			
	High	20.47	18.17					
	Low	20.71	18.27	≤33.00				
16QAM	Mid	21.27	18.41		PASS			
	High	20.28	17.94					

	LTE Band 25-10MHz								
Modulation	Channel	EIRP	(dBm)	Limit (dRm)	Result				
iviodulation	Channel	Vertical	Horizontal	Limit (dBm)	Result				
	Low	20.71	17.99						
QPSK	Mid	21.38	18.49	400.00	PASS				
	High	20.39	18.03						
	Low	20.77	18.20	≤33.00					
16QAM	Mid	21.39	18.55		PASS				
	High	20.38	18.01						

Report No.: CHTEW21080064 Page: 30 of 51 Issued: 2021-08-06

LTE Band 25-15MHz									
Modulation	Channel	EIRP	(dBm)	Limit (dDm)	Result				
iviodulation	Channel	Vertical	Horizontal	Limit (dBm)	Result				
	Low	20.68	18.04						
QPSK	Mid	21.35	18.50	400.00	PASS				
	High	20.55	18.00						
	Low	20.54	18.07	≤33.00					
16QAM	Mid	21.26	18.42		PASS				
	High	20.35	17.86						

LTE Band 25-20MHz								
Madulatian	Channel	EIRP	(dBm)	Limit (dBm)	Result			
Modulation	Channel	Vertical	Horizontal	Limit (ubin)	Nesuit			
	Low	20.57	17.98	400.00				
QPSK	Mid	21.27	18.39		PASS			
	High	20.41	18.17					
	Low	20.44	18.02	≤33.00				
16QAM	Mid	21.14	18.39		PASS			
	High	20.35	17.88					

	LTE Band 26-1.4MHz								
Modulation	Channel	ERP	(dBm)	Limit (dPm)	Result				
Modulation	Channel	Vertical	Horizontal	Limit (dBm)	Result				
	Low	21.04	17.99						
QPSK	Mid	21.25	18.64		PASS				
	High	20.66	17.85	<22.00					
	Low	20.94	17.94	≤33.00					
16QAM	Mid	21.17	18.75		PASS				
	High	20.55	17.73						

LTE Band 26-3MHz						
Modulation	Channel	ERP	(dBm)	Limit (dDm)	Result	
Modulation	Channel	Vertical	Horizontal	Limit (dBm)		
	Low	20.95	17.94			
QPSK	Mid	21.38	18.62	≤33.00	PASS	
	High	20.71	17.88			
	Low	20.81	17.80			
16QAM	Mid	21.04	18.60		PASS	
	High	20.48	17.75			

Report No.: CHTEW21080064 Page: 31 of 51 Issued: 2021-08-06

LTE Band 26-5MHz						
Modulation	Channel	ERP	(dBm)	L''(/ ID)	Result	
Modulation	Channel	Vertical	Horizontal	Limit (dBm)		
	Low	20.92	17.87			
QPSK	Mid	21.17	18.67	<22.00	PASS	
	High	20.67	18.04			
	Low	20.96	18.07	≤33.00		
16QAM	Mid	21.10	18.55		PASS	
	High	20.46	17.80			

LTE Band 26-10MHz						
Modulation	Channel	ERP	ERP (dBm)		Dooult	
Modulation	Chamer	Vertical	Horizontal	Limit (dBm)	Result	
	Low	21.06	17.83			
QPSK	Mid	21.28	18.68	~22.00	PASS	
	High	20.60	17.90			
	Low	21.12	18.09	≤33.00		
16QAM	Mid	21.32	18.79		PASS	
	High	20.57	17.86			

LTE Band 26-15MHz						
Modulation	Channel	ERP	(dBm)	Limit (dPm)	Result	
Modulation	Channel	Vertical	Horizontal	Limit (dBm)		
	Low	20.94	17.84	400.00		
QPSK	Mid	21.22	18.68		PASS	
	High	20.74	17.83			
	Low	20.78	17.85	≤33.00		
16QAM	Mid	21.09	18.55		PASS	
	High	20.54	17.68			

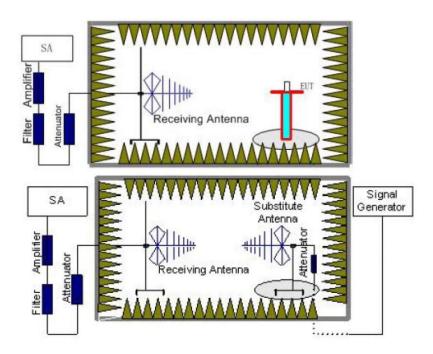
Report No.: CHTEW21080064 Page: 32 of 51 Issued: 2021-08-06

5.9. Radiated Spurious Emission

LIMIT

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

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

Report No.: CHTEW21080064 Page: 33 of 51 Issued: 2021-08-06

and vertical polarizations to determine the orientation that gives the maximum emissions amplitude.

- 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.
 - 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

Note: only show the worse case for QPSK modulation.

Report No.: CHTEW21080064 Page: 34 of 51 Issued: 2021-08-06

LTE Band 2-1.4MHz						
Channal	Frequency	Spurious Emission		Limeit (dDms)	D 1	
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
	3701.4	Vertical	-34.68			
	5552.1	V	-39.66	≤-13.00	Pass	
Low	7402.8	V	-42.34			
LOW	3701.4	Horizontal	-36.17			
	5552.1	Н	-41.30	≤-13.00	Pass	
	7402.8	Н	-43.13			
	3760	Vertical	-33.97	≤-13.00	Pass	
	5640	V	-39.04			
Mid	7520	V	-41.69			
IVIIG	3760	Horizontal	-35.60		Pass	
	5640	Н	-40.42	≤-13.00		
	7520	Н	-42.67			
	3818.6	Vertical	-33.32			
	5727.9	V	-38.24	≤-13.00	Pass	
∐iah	7637.2	V	-40.62			
High	3818.6	Horizontal	-34.55		_	
	5727.9	Н	-39.82	≤-13.00	Pass	
	7637.2	Н	-42.31			

LTE Band 2-3MHz						
Channel	Frequency	Spurious I	Emission	Limit (dDm)	Decult	
Chamei	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
	3703	Vertical	-32.94			
	5554.5	V	-37.75	≤-13.00	Pass	
Law	7406	V	-40.39]		
Low	3703	Horizontal	-34.37			
	5554.5	Н	-39.43	≤-13.00	Pass	
	7406	Н	-41.85			
	3760	Vertical	-32.49	≤-13.00	Pass	
	5640	V	-37.36			
Mid	7520	V	-39.98			
IVIIQ	3760	Horizontal	-34.01			
	5640	Н	-38.88	≤-13.00	Pass	
	7520	Н	-41.56]		
	3817	Vertical	-32.08			
	5725.5	V	-36.86	≤-13.00	Pass	
ما ما ا	7634	V	-39.31]		
High	3817	Horizontal	-33.35			
	5725.5	Н	-38.50	≤-13.00	Pass	
	7634	Н	-41.34			

Report No.: CHTEW21080064 Page: 35 of 51 Issued: 2021-08-06

LTE Band 2-5MHz						
Channal	Frequency	Spurious	Emission	Limeit (dDms)	Desuit	
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
	3705	Vertical	-31.70			
	5557.5	V	-36.37	≤-13.00	Pass	
Low	7410	V	-39.08			
LOW	3705	Horizontal	-33.17			
	5557.5	Н	-38.11	≤-13.00	Pass	
	7410	Н	-40.88			
	3760	Vertical	-31.25	≤-13.00	Pass	
	5640	V	-35.98			
Mid	7520	V	-38.67			
iviiu	3760	Horizontal	-32.81		Pass	
	5640	Н	-37.56	≤-13.00		
	7520	Н	-40.59			
	3815	Vertical	-30.84			
	5722.5	V	-35.48	≤-13.00	Pass	
∐iah	7630	V	-38.00			
High	3815	Horizontal	-32.15			
	5722.5	Н	-37.18	≤-13.00	Pass	
	7630	Н	-40.37			

LTE Band 2-10MHz						
Channal	Frequency	Spurious	Emission	Limit (dDm)	Dooult	
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
	3710	Vertical	-30.60			
	5565	V	-35.17	≤-13.00	Pass	
Low	7420	V	-37.85			
LOW	3710	Horizontal	-32.03			
	5565	Н	-36.93	≤-13.00	Pass	
	7420	Н	-40.08			
	3760	Vertical	-30.32	≤-13.00	Pass	
	5640	V	-34.92			
Mid	7520	V	-37.59			
IVIIG	3760	Horizontal	-31.80		Pass	
	5640	Н	-36.58	≤-13.00		
	7520	Н	-39.90			
	3810	Vertical	-30.06			
	5715	V	-34.60	≤-13.00	Pass	
Lliah	7620	V	-37.17			
High	3810	Horizontal	-31.38		_	
	5715	Н	-36.34	≤-13.00	Pass	
	7620	Н	-39.76			

Report No.: CHTEW21080064 Page: 36 of 51 Issued: 2021-08-06

LTE Band 2-15MHz						
Ohamad	Frequency	Spurious Emission		Limit (dDay)	D	
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
	3715	Vertical	-29.71			
	5572.5	V	-34.16	≤-13.00	Pass	
Low	7430	V	-36.96			
LOW	3715	Horizontal	-31.21			
	5572.5	Н	-35.99	≤-13.00	Pass	
	7430	Н	-39.35			
	3760	Vertical	-29.30	≤-13.00	Pass	
	5640	V	-33.81			
Mid	7520	V	-36.59			
iviid	3760	Horizontal	-30.88		Pass	
	5640	Н	-35.49	≤-13.00		
	7520	Н	-39.09			
	3805	Vertical	-28.93			
	5707.5	V	-33.35	≤-13.00	Pass	
∐iah	7610	V	-35.98			
High	3805	Horizontal	-30.28		_	
	5707.5	Н	-35.15	≤-13.00	Pass	
	7610	Н	-38.89			

LTE Band 2-20MHz					
Channal	Frequency	Spurious	Emission	Line it (-ID-se)	D !!
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
	3720	Vertical	-28.71		
	5580	V	-33.07	≤-13.00	Pass
Low	7440	V	-35.85		
Low	3720	Horizontal	-30.18		
	5580	Н	-34.93	≤-13.00	Pass
	7440	Н	-38.63		
	3760	Vertical	-28.45	≤-13.00	Pass
	5640	V	-32.85		
Mid	7520	V	-35.62		
IVIIQ	3760	Horizontal	-29.97		Pass
	5640	Н	-34.62	≤-13.00	
	7520	Н	-38.47		
	3800	Vertical	-28.22		
	5700	V	-32.56	≤-13.00	Pass
High -	7600	V	-35.24		
	3800	Horizontal	-29.59		_
	5700	Н	-34.41	≤-13.00	Pass
	7600	Н	-38.34		

Remark:

- 1. Remark"---" means that the emission level is too low to be measured
- 2. The emission levels of below 1 GHz are very lower than the limit and not show in test report.

Report No.: CHTEW21080064 Page: 37 of 51 Issued: 2021-08-06

LTE Band 4-1.4MHz							
Channal	Frequency	Spurious Emission		Limit (dDm)	6		
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result		
	3421.4	Vertical	-33.99				
	5132.1	V	-43.22	≤-13.00	Pass		
Low	6842.8	V	-44.91				
LOW	3421.4	Horizontal	-34.83				
	5132.1	Н	-42.54	≤-13.00	Pass		
	6842.8	Н	-44.58				
	3465	Vertical	-33.38		Pass		
	5197.5	V	-42.72	≤-13.00			
Mid	6930	V	-44.38				
IVIIG	3465	Horizontal	-34.37				
	5197.5	Н	-41.83	≤-13.00	Pass		
	6930	Н	-44.21				
	3508.6	Vertical	-32.85				
	5262.9	V	-42.07	≤-13.00	Pass		
High	7017.2	V	-43.51				
підп	3508.6	Horizontal	-33.52				
	5262.9	Н	-41.35	≤-13.00	Pass		
	7017.2	Н	-43.92				

LTE Band 4-3MHz							
Channal	Frequency	Spurious Emission		Lineit (dDne)	Desuit		
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result		
	3423	Vertical	-32.54				
	5134.5	V	-41.67	≤-13.00	Pass		
Low	6846	V	-43.32				
LOW	3423	Horizontal	-33.37				
	5134.5	Н	-41.03	≤-13.00	Pass		
	6846	Н	-43.55				
	3465	Vertical	-32.18	≤-13.00	Pass		
	5197.5	V	-41.35				
Mid	6930	V	-42.99				
iviid	3465	Horizontal	-33.08				
	5197.5	Н	-40.58	≤-13.00	Pass		
	6930	Н	-43.32				
	3507	Vertical	-31.85				
	5260.5	V	-40.94	≤-13.00	Pass		
High	7014	V	-42.44				
riigii	3507	Horizontal	-32.54				
	5260.5	Н	-40.28	≤-13.00	Pass		
	7014	Н	-43.14				

Report No.: CHTEW21080064 Page: 38 of 51 Issued: 2021-08-06

LTE Band 4-5MHz							
Ob a see a l	Frequency	Spurious Emission		Limit (dDas)	D !!		
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result		
	3425	Vertical	-31.48				
	5137.5	V	-40.33	≤-13.00	Pass		
Low	6850	V	-42.23				
LOW	3425	Horizontal	-32.21				
	5137.5	Н	-39.91	≤-13.00	Pass		
	6850	Н	-42.67				
	3465	Vertical	-30.98	≤-13.00	Pass		
	5197.5	V	-39.89				
Mid	6930	V	-41.77				
IVIIU	3465	Horizontal	-31.81				
	5197.5	Н	-39.29	≤-13.00	Pass		
	6930	Н	-42.35				
	3505	Vertical	-30.52				
	5257.5	V	-39.33	≤-13.00	Pass		
High	7010	V	-41.02				
riigii	3505	Horizontal	-31.07				
	5257.5	Н	-38.87	≤-13.00	Pass		
	7010	Н	-42.10				

LTE Band 4-10MHz							
Channal	Frequency	Spurious I	Emission	Limit (dDm)	Dooult		
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result		
	3430	Vertical	-30.25				
	5145	V	-38.99	≤-13.00	Pass		
Low	6860	V	-40.86				
LOW	3430	Horizontal	-30.94				
	5145	Н	-38.59	≤-13.00	Pass		
	6860	Н	-41.78				
	3465	Vertical	-29.93	≤-13.00	Pass		
	5197.5	V	-38.71				
Mid	6930	V	-40.57				
iviiu	3465	Horizontal	-30.69				
	5197.5	Н	-38.20	≤-13.00	Pass		
	6930	Н	-41.58				
	3500	Vertical	-29.64				
	5250	V	-38.35	≤-13.00	Pass		
High	7000	V	-40.10				
riigii	3500	Horizontal	-30.22				
	5250	Н	-37.93	≤-13.00	Pass		
	7000	Н	-41.42				

Report No.: CHTEW21080064 Page: 39 of 51 Issued: 2021-08-06

LTE Band 4-15MHz							
Ohamad	Frequency	Spurious Emission		Limit (dDay)	.		
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result		
	3435	Vertical	-29.43				
	5152.5	V	-37.96	≤-13.00	Pass		
Low	6870	V	-39.96				
LOW	3435	Horizontal	-29.89				
	5152.5	Н	-37.68	≤-13.00	Pass		
	6870	Н	-41.10				
	3465	Vertical	-29.10	≤-13.00	Pass		
	5197.5	V	-37.67				
Mid	6930	V	-39.66				
iviiu	3465	Horizontal	-29.63		Pass		
	5197.5	Н	-37.27	≤-13.00			
	6930	Н	-40.89				
	3495	Vertical	-28.80				
	5242.5	V	-37.30	≤-13.00	Pass		
∐iah	6990	V	-39.17				
High	3495	Horizontal	-29.35				
	5242.5	Н	-36.70	≤-13.00	Pass		
	6990	Н	-40.73				

LTE Band 4-20MHz						
Channel	Frequency	Spurious	Emission	Limit (dDm)	Dooult	
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
	3440	Vertical	-28.62			
	5160	V	-37.07	≤-13.00	Pass	
Low	6880	V	-39.06			
LOW	3440	Horizontal	-29.17			
	5160	Н	-36.52	≤-13.00	Pass	
	6880	Н	-40.52			
	3465	Vertical	-28.41		Pass	
	5197.5	V	-36.89	≤-13.00		
Mid	6930	V	-38.87			
IVIIU	3465	Horizontal	-29.00			
	5197.5	Н	-36.26	≤-13.00	Pass	
	6930	Н	-40.39			
	3490	Vertical	-28.22			
	5235	V	-36.66	≤-13.00	Pass	
Lliab	6980	V	-38.56			
High	3490	Horizontal	-28.69			
	5235	Н	-36.09	≤-13.00	Pass	
	6980	Н	-40.29			

- 1. Remark"---" means that the emission level is too low to be measured
- 2. The emission levels of below 1 GHz are very lower than the limit and not show in test report.

Report No.: CHTEW21080064 Page: 40 of 51 Issued: 2021-08-06

LTE Band 5-1.4MHz							
Channal	Frequency	Spurious	Emission	Limait (dDma)	Decult		
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result		
	1649.4	Vertical	-32.28				
	2474.1	V	-41.28	≤-13.00	Pass		
Low	3298.8	V	-43.11				
LOW	1649.4	Horizontal	-33.71				
	2474.1	Н	-41.66	≤-13.00	Pass		
	3298.8	Н	-43.35				
	1673	Vertical	-31.95		Pass		
	2509.5	V	-40.74	≤-13.00			
Mid	3346	V	-42.51				
iviiu	1673	Horizontal	-32.97		Pass		
	2509.5	Н	-41.24	≤-13.00			
	3346	Н	-42.90				
	1696.6	Vertical	-31.41				
	2544.9	V	-40.03	≤-13.00	Pass		
∐iah	3393.2	V	-41.80				
High	1696.6	Horizontal	-32.26				
	2544.9	Н	-40.84	≤-13.00	Pass		
	3393.2	Н	-42.66				

LTE Band 5-3MHz							
Channal	Frequency	Spurious Emission		Limit (dDm)	Danult		
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result		
	1651	Vertical	-31.07				
	2476.5	V	-39.60	≤-13.00	Pass		
	3302	V	-41.60				
Low	1651	Horizontal	-32.10				
	2476.5	Н	-40.49	≤-13.00	Pass		
	3302	Н	-42.26				
	1673	Vertical	-30.67		Pass		
	2509.5	V	-39.25	≤-13.00			
Mid	3346	V	-41.24				
IVIIQ	1673	Horizontal	-31.78				
	2509.5	Н	-40.00	≤-13.00	Pass		
	3346	Н	-42.01				
	1695	Vertical	-30.31				
	2542.5	V	-38.81	≤-13.00	Pass		
Lliada	3390	V	-40.65				
High	1695	Horizontal	-31.19				
	2542.5	Н	-39.67	≤-13.00	Pass		
	3390	Н	-41.81				

Report No.: CHTEW21080064 Page: 41 of 51 Issued: 2021-08-06

LTE Band 5-5MHz							
Channal	Frequency	Spurious	Emission	Lineit (dDne)	5		
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result		
	1653	Vertical	-29.87				
	2479.5	V	-38.08	≤-13.00	Pass		
Low	3306	V	-40.40				
Low	1653	Horizontal	-30.79				
	2479.5	Н	-39.23	≤-13.00	Pass		
	3306	Н	-41.25				
	1673	Vertical	-29.27		Pass		
	2509.5	V	-37.55	≤-13.00			
Mid	3346	V	-39.85				
IVIIQ	1673	Horizontal	-30.30		Pass		
	2509.5	Н	-38.49	≤-13.00			
	3346	Н	-40.86				
	1693	Vertical	-28.72				
	2539.5	V	-36.87	≤-13.00	Pass		
Lliah	3386	V	-38.94				
High	1693	Horizontal	-29.40				
	2539.5	Н	-37.98	≤-13.00	Pass		
	3386	Н	-40.56				

		LTE Ban	d 5-10MHz		
Channal	Frequency	Spurious	Emission	Lineit (dDne)	Desult
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
	1658	Vertical	-28.39		
	2487	V	-36.46	≤-13.00	Pass
1	3316	V	-38.74		
Low	1658	Horizontal	-29.24		
	2487	Н	-37.65	≤-13.00	Pass
	3316	Н	-40.17		
	1673	Vertical	-28.01		Pass
	2509.5	V	-36.13	≤-13.00	
Mid	3346	V	-38.39		
IVIIG	1673	Horizontal	-28.93		
	2509.5	Н	-37.18	≤-13.00	Pass
	3346	Н	-39.93		
	1688	Vertical	-27.66		
	2532	V	-35.70	≤-13.00	Pass
Lliab	3376	V	-37.82		
High	1688	Horizontal	-28.37		
	2532	Н	-36.86	≤-13.00	Pass
	3376	Н	-39.74		

- 1.
- Remark"---" means that the emission level is too low to be measured The emission levels of below 1 GHz are very lower than the limit and not show in test report.

Report No.: CHTEW21080064 Page: 42 of 51 Issued: 2021-08-06

LTE Band 12-1.4MHz							
Channal	Frequency	Spurious	Emission	L' '(/ ID)	D It		
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result		
	1399.4	Vertical	-31.14				
	2099.1	V	-41.45	≤-13.00	Pass		
Low	2798.8	V	-41.78				
LOW	1399.4	Horizontal	-32.45				
	2099.1	Н	-41.76	≤-13.00	Pass		
	2798.8	Н	-42.03				
	1415	Vertical	-30.29	≤-13.00	Pass		
	2122.5	V	-40.42				
Mid	2830	V	-41.13				
iviiu	1415	Horizontal	-31.30		Pass		
	2122.5	Н	-40.83	≤-13.00			
	2830	Н	-41.35				
	1430.6	Vertical	-29.39				
	2145.9	V	-39.47	≤-13.00	Pass		
Lliah	2861.2	V	-40.12				
High	1430.6	Horizontal	-30.51				
	2145.9	Н	-40.23	≤-13.00	Pass		
	2861.2	Н	-40.63				

LTE Band 12-3MHz							
Channal	Frequency	Spurious Emission		Limit (dDm)	Danult		
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result		
	1401	Vertical	-28.94				
	2101.5	V	-38.89	≤-13.00	Pass		
Low	2802	V	-39.85				
Low	1401	Horizontal	-30.29				
	2101.5	Н	-39.77	≤-13.00	Pass		
	2802	Н	-40.09				
	1415	Vertical	-28.41		Pass		
	2122.5	V	-38.43	≤-13.00			
Mid	2830	V	-39.37				
iviid	1415	Horizontal	-29.86				
	2122.5	Н	-39.12	≤-13.00	Pass		
	2830	Н	-39.75				
	1429	Vertical	-27.93				
	2143.5	V	-37.83	≤-13.00	Pass		
Lliah	2858	V	-38.58				
High	1429	Horizontal	-29.08				
	2143.5	Н	-38.68	≤-13.00	Pass		
	2858	Н	-39.49				

Report No.: CHTEW21080064 Page: 43 of 51 Issued: 2021-08-06

LTE Band 12-5MHz							
Oh annal	Frequency	Spurious I	Emission	Limit (dDay)	D It		
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result		
	1403	Vertical	-27.49				
	2104.5	V	-37.10	≤-13.00	Pass		
Low	2806	V	-38.33				
LOW	1403	Horizontal	-28.68				
	2104.5	Н	-38.24	≤-13.00	Pass		
	2806	Н	-38.93				
	1415	Vertical	-26.89	≤-13.00	Pass		
	2122.5	V	-36.58				
Mid	2830	V	-37.78				
iviiu	1415	Horizontal	-28.20		Pass		
	2122.5	Н	-37.50	≤-13.00			
	2830	Н	-38.54				
	1427	Vertical	-26.34				
	2140.5	V	-35.91	≤-13.00	Pass		
High	2854	V	-36.88				
riigii	1427	Horizontal	-27.31				
	2140.5	Н	-37.00	≤-13.00	Pass		
	2854	Н	-38.24				

LTE Band 12-10MHz						
Channel	Frequency	Spurious	Emission	Limit (dDm)	D 14	
Channel	(MHz)	Polarization	Level (dBm)	Limit (abm)	Result	
	1408	Vertical	-26.02			
	2112	V	-35.50	≤-13.00	Pass	
Law	2816	V	-36.68			
Low	1408	Horizontal	-27.15			
	2112	Н	-36.67	≤-13.00	Pass	
	2816	Н	-37.86			
	1415	Vertical	-25.64		Pass	
	2122.5	V	-35.17	≤-13.00		
Mid	2830	V	-36.34			
IVIIU	1415	Horizontal	-26.85			
	2122.5	Н	-36.20	≤-13.00	Pass	
	2830	Н	-37.62	≤-13.00 ≤-13.00		
	1422	Vertical	-25.30			
	2133	V	-34.75	≤-13.00	Pass	
Lliah	2844	V	-35.77			
High	1422	Horizontal	-26.29			
	2133	Н	-35.88	≤-13.00	Pass	
	2844	Н	-37.43			

- 1.
- Remark"---" means that the emission level is too low to be measured The emission levels of below 1 GHz are very lower than the limit and not show in test report.

Report No.: CHTEW21080064 Page: 44 of 51 Issued: 2021-08-06

	LTE Band 13-5MHz							
Channel	Frequency	Spurious	Emission	Limit (dDm)	Decult			
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result			
	1559	Vertical	-31.02					
	2338.5	V	-37.61	≤-13.00	Pass			
Low	3118	V	-40.31					
LOW	1559	Horizontal	-34.94					
	2338.5	Н	-41.71	≤-13.00	Pass			
	3118	Н	-42.37					
	1564	Vertical	-30.83		Pass			
	2346	V	-37.18	≤-13.00				
Mid	3128	V	-40.07					
IVIIG	1564	Horizontal	-34.71		Pass			
	2346	Н	-41.30	≤-13.00				
	3128	Н	-41.78					
	1569	Vertical	-30.55					
	2353.5	V	-36.64	≤-13.00	Pass			
∐iah	3138	V	-39.76					
High	1569	Horizontal	-34.49					
	2353.5	Н	-40.61	≤-13.00	Pass			
	3138	Н	-40.85					

	LTE Band 13-10MHz								
Observat	Frequency	Spurious I	Spurious Emission		D It				
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result				
	1564	Vertical	-30.25						
	2346	V	-36.37	<-13.00	Pass				
Mid	3128	V	-39.48						
IVIIQ	1564	Horizontal	-34.25						
	2346	Н	-40.24	<-13.00	Pass				
	3128	Н	-40.66						

- 1. Remark"---" means that the emission level is too low to be measured
- 2. The emission levels of below 1 GHz are very lower than the limit and not show in test report

Report No.: CHTEW21080064 Page: 45 of 51 Issued: 2021-08-06

LTE Band 25-1.4MHz							
Oh a a a a l	Frequency	Spurious	Emission	Limit (dDms)	D 14		
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result		
	3701.4	Vertical	-34.54				
	5552.1	V	-42.21	≤-13.00	Pass		
Low	7402.8	V	-43.30				
LOW	3701.4	Horizontal	-34.21				
	5552.1	Н	-39.81	≤-13.00	Pass		
	7402.8	Н	-43.38				
	3765	Vertical	-34.22		Pass		
	5647.5	V	-41.92	≤-13.00			
Mid	7530	V	-43.00				
IVIIU	3765	Horizontal	-33.94				
	5647.5	Н	-39.36	≤-13.00	Pass		
	7530	Н	-43.13				
	3828.6	Vertical	-33.88				
	5742.9	V	-41.50	≤-13.00	Pass		
Ligh	7657.2	V	-42.50				
High	3828.6	Horizontal	-33.45				
	5742.9	Н	-39.08	≤-13.00	Pass		
	7657.2	Н	-42.96				

LTE Band 25-3MHz							
Oh a a a a l	Frequency	Spurious	Emission	Lineit (dDas)	D It		
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result		
	3703	Vertical	-33.68				
	5554.5	V	-41.24	≤-13.00	Pass		
Low	7406	V	-42.38				
LOW	3703	Horizontal	-33.35				
	5554.5	Н	-38.87	≤-13.00	Pass		
	7406	Н	-42.72				
	3765	Vertical	-33.45	≤-13.00	Pass		
	5647.5	V	-41.03				
Mid	7530	V	-42.17				
IVIIU	3765	Horizontal	-33.16				
	5647.5	Н	-38.58	≤-13.00	Pass		
	7530	Н	-42.57				
	3827	Vertical	-33.24				
	5740.5	V	-40.77	≤-13.00	Pass		
High	7654	V	-41.82				
riigii	3827	Horizontal	-32.81				
	5740.5	Н	-38.38	≤-13.00	Pass		
	7654	Н	-42.45				

Report No.: CHTEW21080064 Page: 46 of 51 Issued: 2021-08-06

LTE Band 25-5MHz							
Channal	Frequency	Spurious	Emission	Limait (dDma)	D 11		
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result		
	3705	Vertical	-33.06				
	5557.5	V	-40.48	≤-13.00	Pass		
Low	7410	V	-41.72				
LOW	3705	Horizontal	-32.65				
	5557.5	Н	-38.20	≤-13.00	Pass		
	7410	Н	-42.23				
	3765	Vertical	-32.82	≤-13.00	Pass		
	5647.5	V	-40.27				
Mid	7530	V	-41.50				
IVIIU	3765	Horizontal	-32.46		Pass		
	5647.5	Н	-37.90	≤-13.00			
	7530	Н	-42.07				
	3825	Vertical	-32.60				
	5737.5	V	-40.00	≤-13.00	Pass		
High	7650	V	-41.14				
підп	3825	Horizontal	-32.10				
	5737.5	Н	-37.70	≤-13.00	Pass		
	7650	Н	-41.95				

LTE Band 25-10MHz						
Channel	Frequency	Spurious	Emission	Limit (dDm)	Decult	
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
	3710	Vertical	-32.47			
	5565	V	-39.83	≤-13.00	Pass	
Lave	7420	V	-41.06			
Low	3710	Horizontal	-32.04			
	5565	Н	-37.57	≤-13.00	Pass	
	7420	Н	-41.80			
	3765	Vertical	-32.32	≤-13.00	Pass	
	5647.5	V	-39.70			
Mid	7530	V	-40.92			
IVIIU	3765	Horizontal	-31.92			
	5647.5	Н	-37.38	≤-13.00	Pass	
	7530	Н	-41.70			
	3820	Vertical	-32.18			
	5730	V	-39.53	≤-13.00	Pass	
Lliab	7640	V	-40.69			
High	3820	Horizontal	-31.69			
	5730	Н	-37.25	≤-13.00	Pass	
	7640	Н	-41.62			

Report No.: CHTEW21080064 Page: 47 of 51 Issued: 2021-08-06

LTE Band 25-15MHz							
Channal	Frequency	Spurious	Emission	Lineit (dDne)	Dec. II		
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result		
	3715	Vertical	-31.99				
	5572.5	V	-39.16	≤-13.00	Pass		
Low	7430	V	-40.56				
LOW	3715	Horizontal	-31.37				
	5572.5	Н	-37.02	≤-13.00	Pass		
	7430	Н	-41.31				
	3765	Vertical	-31.68	≤-13.00	Pass		
	5647.5	V	-38.89				
Mid	7530	V	-40.28				
IVIIU	3765	Horizontal	-31.12				
	5647.5	Н	-36.64	≤-13.00	Pass		
	7530	Н	-41.11				
	3815	Vertical	-31.40				
	5722.5	V	-38.54	≤-13.00	Pass		
∐iah	7630	V	-39.81				
High	3815	Horizontal	-30.86				
	5722.5	Н	-36.10	≤-13.00	Pass		
	7630	Н	-40.95				

LTE Band 25-20MHz							
Ob a see al	Frequency	Spurious	Emission	Lineit (-IDne)	D !!		
Channel	(MHz)	Polarization	Level (dBm)	Limit (abm)	Result		
	3720	Vertical	-31.23				
	5580	V	-38.33	≤-13.00	Pass		
Low	7440	V	-39.71				
Low	3720	Horizontal	-30.69				
	5580	Н	-35.93	≤-13.00	Pass		
	7440	Н	-40.75				
	3765	Vertical	-31.03		Pass		
	5647.5	V	-38.16	≤-13.00			
Mid	7530	V	-39.53				
IVIIQ	3765	Horizontal	-30.53				
	5647.5	Н	-35.69	≤-13.00	Pass		
	7530	Н	-40.62	≤-13.00 ≤-13.00			
	3810	Vertical	-30.85				
	5715	V	-37.94	≤-13.00	Pass		
Lligh	7620	V	-39.24				
High	3810	Horizontal	-30.24				
	5715	Н	-35.53	≤-13.00	Pass		
	7620	Н	-40.52				

- 3. Remark"---" means that the emission level is too low to be measured
- 4. The emission levels of below 1 GHz are very lower than the limit and not show in test report.

Report No.: CHTEW21080064 Page: 48 of 51 Issued: 2021-08-06

LTE Band 26-1.4MHz							
Channel	Frequency	Spurious	Emission	Limit (dDm)	Doodt		
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result		
	1649.4	Vertical	-33.78				
	2474.1	V	-42.59	≤-13.00	Pass		
Low	3298.8	V	-43.06				
LOW	1649.4	Horizontal	-35.79				
	2474.1	Н	-42.33	≤-13.00	Pass		
	3298.8	Н	-41.76				
	1673	Vertical	-33.44		Pass		
	2509.5	V	-42.29	≤-13.00			
Mid	3346	V	-42.75				
IVIIG	1673	Horizontal	-35.52		Pass		
	2509.5	Н	-41.91	≤-13.00			
	3346	Н	-41.54				
	1696.6	Vertical	-33.13				
	2544.9	V	-41.95	≤-13.00	Pass		
High	3393.2	V	-42.24				
High	1696.6	Horizontal	-35.01				
	2544.9	Н	-41.62	≤-13.00	Pass		
	3393.2	Н	-41.37				

LTE Band 26-3MHz							
Ohamad	Frequency	Spurious	Emission	Limit (dDm)	D 14		
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result		
	1653	Vertical	-32.97				
	2479.5	V	-41.75	≤-13.00	Pass		
Low	3306	V	-42.14				
Low	1653	Horizontal	-34.93				
	2479.5	Н	-41.46	≤-13.00	Pass		
	3306	Н	-41.18				
	1675.6	Vertical	-32.78	≤-13.00	Pass		
	2513.4	V	-41.59				
Mid	3351.2	V	-41.97				
iviid	1675.6	Horizontal	-34.78				
	2513.4	Н	-41.23	≤-13.00	Pass		
	3351.2	Н	-41.06				
	1699.2	Vertical	-32.61				
	2548.8	V	-41.38	≤-13.00	Pass		
∐iah	3398.4	V	-41.69				
High	1699.2	Horizontal	-34.50		_		
	2548.8	Н	-41.07	≤-13.00	Pass		
	3398.4	Н	-40.97				

Report No.: CHTEW21080064 Page: 49 of 51 Issued: 2021-08-06

LTE Band 26-5MHz						
Channel	Frequency (MHz)	Spurious Emission		Limit (dDm)	Dogult	
		Polarization	Level (dBm)	Limit (dBm)	Result	
Low	1649.4	Vertical	-32.39	≤-13.00	Pass	
	2474.1	V	-41.10			
	3298.8	V	-41.56			
	1649.4	Horizontal	-34.39	≤-13.00	Pass	
	2474.1	Н	-40.85			
	3298.8	Н	-40.71			
	1673	Vertical	-32.13	≤-13.00	Pass	
	2509.5	V	-40.88			
Mid	3346	V	-41.33			
Mid	1673	Horizontal	-34.18	≤-13.00	Pass	
	2509.5	Н	-40.53			
	3346	Н	-40.55			
High	1696.6	Vertical	-31.90	≤-13.00	Pass	
	2544.9	V	-40.59			
	3393.2	V	-40.95			
	1696.6	Horizontal	-33.80	≤-13.00	Pass	
	2544.9	Н	-40.31			
	3393.2	Н	-40.42			

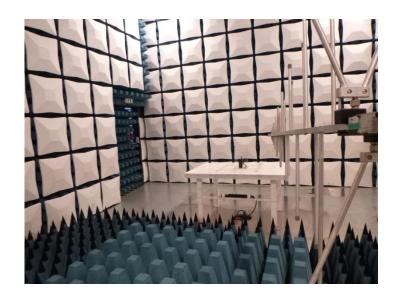
LTE Band 26-10MHz						
Channal	Frequency (MHz)	Spurious Emission		Lineit (dDee)	Danill	
Channel		Polarization	Level (dBm)	Limit (dBm)	Result	
	1653.6	Vertical	-31.76	≤-13.00	Pass	
	2480.4	V	-40.41			
Low	3307.2	V	-40.87			
LOW	1653.6	Horizontal	-33.73	≤-13.00	Pass	
	2480.4	Н	-40.17			
	3307.2	Н	-40.26			
	1670.1	Vertical	-31.60	≤-13.00	Pass	
	2505.15	V	-40.27			
Mid	3340.2	V	-40.72			
IVIIU	1670.1	Horizontal	-33.60	≤-13.00	Pass	
	2505.15	Н	-39.97			
	3340.2	Н	-40.16			
	1694.52	Vertical	-31.45	≤-13.00	Pass	
	2541.78	V	-40.09			
Lliah	3389.04	V	-40.48			
High	1694.52	Horizontal	-33.36	≤-13.00	Pass	
	2541.78	Н	-39.83			
	3389.04	Н	-40.08			

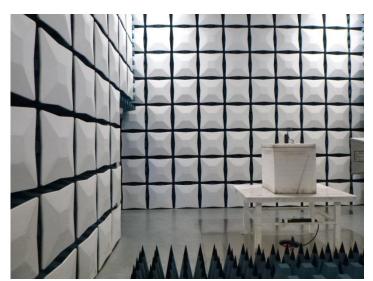
Report No.: CHTEW21080064 Page: 50 of 51 Issued: 2021-08-06

LTE Band 26-15MHz						
Channel	Frequency (MHz)	Spurious Emission		Limeit (dDms)	Dooult	
		Polarization	Level (dBm)	Limit (dBm)	Result	
1	1658.2	Vertical	-31.24	≤-13.00	Pass	
	2487.3	V	-39.82			
	3316.4	V	-40.35			
Low	1658.2	Horizontal	-33.26	≤-13.00	Pass	
	2487.3	Н	-39.61			
	3316.4	Н	-39.83			
	1685.2	Vertical	-30.99	≤-13.00	Pass	
	2527.8	V	-39.60			
Mid	3370.4	V	-40.12			
Mid	1685.2	Horizontal	-33.06	≤-13.00	Pass	
	2527.8	Н	-39.30			
	3370.4	Н	-39.67			
High	1702.2	Vertical	-30.76	≤-13.00	Pass	
	2553.3	V	-39.32			
	3404.4	V	-39.75			
	1702.2	Horizontal	-32.69	≤-13.00	Pass	
	2553.3	Н	-39.09			
	3404.4	Н	-39.55			

Report No.: CHTEW21080064 Page: 51 of 51 Issued: 2021-08-06

6. TEST SETUP PHOTOS OF THE EUT





7. EXTERNAL AND INTERNAL PHOTOS OF THE EUT

Refere to the test report No.: CHTEW21080062

8. APPENDIX REPORT