



# FCC RADIO TEST REPORT

FCC ID	:	UZ7-ET85C
Equipment	:	2 in 1 Tablet PC with Windows OS
Brand Name	:	Zebra
Model Name	:	ET85C
Applicant	:	Zebra Technologies Corporation 1 Zebra Plaza, Holtsville, NY 11742
Manufacturer	:	Zebra Technologies Corporation 1 Zebra Plaza, Holtsville, NY 11742
Standard	:	FCC 47 CFR Part 2, 27

The product was received on Sep. 07, 2021 and testing was performed from Sep. 24, 2021 to Dec. 15, 2021. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

The test results in this partial report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)

Page Number: 1 of 16Issued Date: Dec. 29, 2021Report Version: 01



# **Table of Contents**

His	tory o	of this test report	3
Su	mmar	y of Test Result	4
1	Gene	eral Description	5
	1.1	Product Feature of Equipment Under Test	5
	1.2	Product Specification of Equipment Under Test	5
	1.3	Modification of EUT	6
	1.4	Maximum EIRP Power	6
	1.5	Testing Location	6
	1.6	Applicable Standards	7
2	Test	Configuration of Equipment Under Test	8
	2.1	Test Mode	8
	2.2	Connection Diagram of Test System	9
	2.3	Support Unit used in test configuration and system	9
	2.4	Frequency List of Low/Middle/High Channels	9
3	Cond	ducted Test Items	10
	3.1	Measuring Instruments	10
	3.2	Conducted Output Power and EIRP	11
4	Radia	ated Test Items	12
	4.1	Measuring Instruments	12
	4.2	Radiated Spurious Emission Measurement	14
5	List o	of Measuring Equipment	5 5 6 6 7 8 8 9 9 9 9 9 9 10 10 11 11 11 12 12 12 14
6	Unce	ertainty of Evaluation	16
Ар	pendi	x A. Test Results of Conducted Test	
Ар	pendi	x B. Test Results of Radiated Test	
Ар	pendi	x C. Test Setup Photographs	



# History of this test report

Version	Description	Issued Date
01	Initial issue of report	Dec. 29, 2021



# Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark							
	§2.1046	Conducted Output Power	Reporting only								
3.2	§27.50 (j)(3)	Equivalent Isotropic Radiated Power (n77)	Pass	-							
-	§27.50 (j)(4)	Peak-to-Average Ratio	-	See Note							
-	§2.1049	Occupied Bandwidth	-	See Note							
-	§2.1051 §27.53 (I)(2)	Conducted Band Edge Measurement (n77)	-	See Note							
-	§2.1051 §27.53 (I)(2)	Conducted Spurious Emission (n77)	-	See Note							
-	§2.1055 §27.54	Frequency Stability Temperature & Voltage	-	See Note							
4.2	§2.1051 §27.53 (I)(2)	Radiated Spurious Emission (n77)	Pass	Under limit 19.77 dB at 15164.000 MHz							
	<b>Note:</b> The module (Model: RM505Q-AE) makes no difference after verifying output power, this report reuses test data from the module report.										

#### Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

#### **Comments and Explanations:**

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

# Reviewed by: Wei Chen

**Report Producer: Vivian Hsu** 

TEL : 886-3-327-3456	Page Number	: 4 of 16
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Report Template No.: BU5-FGLTE Version 2.4	Report Version	: 01

# **1** General Description

### **1.1 Product Feature of Equipment Under Test**

Product Feature							
Equipment	2 in 1 Tablet PC with Windows OS						
Brand Name	Zebra						
Model Name	ET85C						
FCC ID	UZ7-ET85C						
Sample 1	140mm for the tablet with none passthrough						
Sample 2	212mm for the tablet with passthrough						
EUT supports Radios application	WCDMA/HSPA/LTE/5G NR/NFC/GNSS WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT80/VHT160 WLAN 11ax HE20/HE40/HE80/HE160 Bluetooth BR/EDR/LE						
HW Version	DV						
SW Version	Windows 10 Pro						
MFD	2021/Feb.						
EUT Stage	Identical Prototype						

Remark: The above EUT's information was declared by manufacturer.

Specification of Accessories											
Adaptor with CLA cable	Brand Name	Zebra	Model Number	ADP-45XE B							
Battery	Brand Name	ZEBRA	Model Number	BT-000433							
Power cord	Brand Name	Zebra	Model Number	450040							

Supported Unit Used in Test Configuration and System											
CAC Reader	Brand Name	Zebra	Model Number	ZBK-ET8X-SMARTCARD-01							
Keyboard	Brand Name	Zebra	Model Number	KBD-ET8X							

# **1.2 Product Specification of Equipment Under Test**

Product Specification subjective to this standard							
Tx/Rx Frequency	5G NR n77: 3705 MHz ~ 3975 MHz						
Bandwidth	100MHz						
Maximum Output Power to Antenna	5G NR n77: 23.40 dBm						
	5G NR n77_HPUE: 26.28 dBm						
Antenna Type	Fixed Internal Antenna						
Antenna Gain	<b><aux.>:</aux.></b> 5G NR n77: 1.77 dBi						
Type of Modulation	PI/2 BPSK / QPSK / 16QAM / 64QAM / 256QAM						

**Remark:** The above EUT's information was declared by manufacturer. Please refer to Comments and Explanations in report summary.



# **1.3 Modification of EUT**

No modifications are made to the EUT during all test items.

### 1.4 Maximum EIRP Power

į	5G NR n77	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM		
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Maximum EIRP(W)	Maximum EIRP(W)	Maximum EIRP(W)	Maximum EIRP(W)		
100	3750 ~ 3930	0.3289	0.3289	0.3266	0.3266	0.3266		
5G I	NR n77_HPUE	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM		
BW (MHz)	Frequency Range (MHz)	Maximum EIRP(W)	Maximum EIRP(W)	Maximum EIRP(W)	Maximum EIRP(W)	Maximum EIRP(W)		
100	3750 ~ 3930	0.6383	0.6383	0.4898	0.4898	0.4898		

### 1.5 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory						
	No.52, Huaya 1st Rd., Guishan Dist.,						
Test Site Location	Taoyuan City 333, Taiwan (R.O.C.)						
	TEL: +886-3-327-3456						
	FAX: +886-3-328-4978						
Test Site No.	Sporton Site No.						
Test Sile NO.	TH03-HY						
Test Engineer	Sherry Wu						
Temperature	<b>22.2~25.5</b> ℃						
Relative Humidity	45.8~61.2%						
Test Site	Sporton International Inc. Wensan Laboratory						
	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist.,						
Test Site Location	Taoyuan City 333010, Taiwan (R.O.C.)						
Test Site Location	TEL: +886-3-327-0868						
	FAX: +886-3-327-0855						
Test Site No.	Sporton Site No.						
Test Sile NO.	03CH12-HY (TAF Code: 3786)						
Test Engineer	Jack Cheng, Lance Chiang and Chuan Chu						
Temperature	<b>22.3~26.4</b> ℃						
Relative Humidity	58~66%						
Remark	The Radiated Spurious Emission test item subcontracted to Sporton International Inc. Wensan Laboratory						

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC Designation No.: TW1190 and TW3786



### **1.6 Applicable Standards**

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ANSI C63.26-2015
- ANSI / TIA-603-E
- FCC 47 CFR Part 2, 27
- FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- FCC KDB 414788 D01 Radiated Test Site v01r01.

#### Remark:

- 1. All test items were verified and recorded according to the standards and without any deviation during the test.
- 2. The TAF code is not including all the FCC KDB listed without accreditation.



# 2 Test Configuration of Equipment Under Test

### 2.1 Test Mode

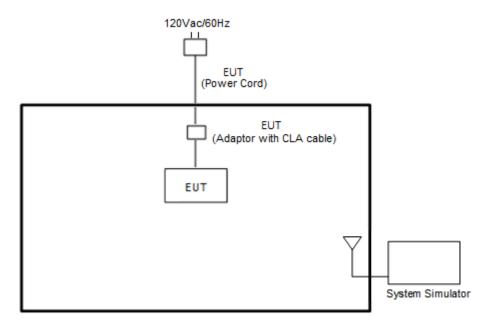
Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and find Z Plane as worst plane.

Test	NR	Bandwidth (MHz) Modulation									F			RB #			Test Channel							
Items	Band	5	10	15	20	25	30	40	50	60	80	90	100	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	м	н
Max. Output Power	n77	-				-	-					-	v	v	v	v	v	v	v	v	v	v	v	v
E.I.R.P	n77	-				-	-					-	v	v	v	v	v	v	Max. Power					
Radiated Spurious Emission	n77	-				-	-					-	v	v					v			v	v	v
Remark	<ol> <li>The mark "v " means that this configuration is chosen for testing</li> <li>The mark "-" means that this bandwidth is not supported.</li> <li>The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst case emissions are reported.</li> <li>For radiated measurement, pre-scanned in two modes, DFT-s OFDM and CP OFDM. The worst cases (DFT-s OFDM) were recorded in this report, and the worst modes of FR1 and LTE for simultaneous transmission were verified and compliant.</li> <li>For Radiated Test Cases, the tests were performed with Sample 1.</li> </ol>														led									



# 2.2 Connection Diagram of Test System



# 2.3 Support Unit used in test configuration and system

Iten	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8000A	N/A	N/A	Unshielded, 1.8 m

# 2.4 Frequency List of Low/Middle/High Channels

5G NR Band n77 Channel and Frequency List									
BW [MHz]	BW [MHz] Channel/Frequency(MHz) Lowest Middle Highes								
100	Channel	650000	656000	662000					
	Frequency	3750	3840	3930					



# 3 Conducted Test Items

### 3.1 Measuring Instruments

See list of measuring instruments of this test report.

### 3.1.1 Test Setup

#### 3.1.2 Conducted Output Power



#### 3.1.3 Test Result of Conducted Test

Please refer to Appendix A.



### 3.2 Conducted Output Power and EIRP

### 3.2.1 Description of the Conducted Output Power Measurement and EIRP Measurement

A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The EIRP of mobile transmitters must not exceed 1 Watts for 5G NR n77.

According to KDB 412172 D01 Power Approach,

 $EIRP = P_T + G_T - L_C$ , ERP = EIRP - 2.15, where

 $P_T$  = transmitter output power in dBm

 $G_T$  = gain of the transmitting antenna in dBi

 $L_{C}$  = signal attenuation in the connecting cable between the transmitter and antenna in dB

#### **3.2.2 Test Procedures**

- 1. The transmitter output port was connected to the system simulator.
- 2. Set EUT at maximum power through the system simulator.
- 3. Select lowest, middle, and highest channels for each band and different modulation.
- 4. Measure and record the power level from the system simulator.



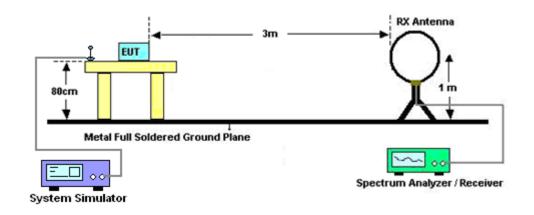
# 4 Radiated Test Items

### 4.1 Measuring Instruments

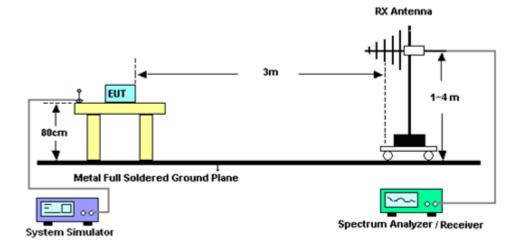
See list of measuring instruments of this test report.

#### 4.1.1 Test Setup

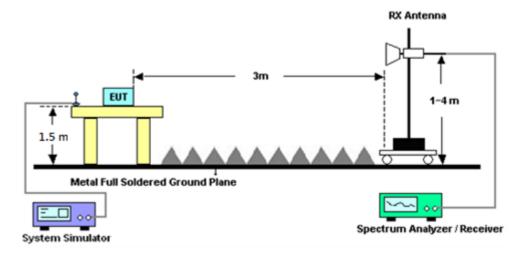
#### For radiated emissions below 30MHz



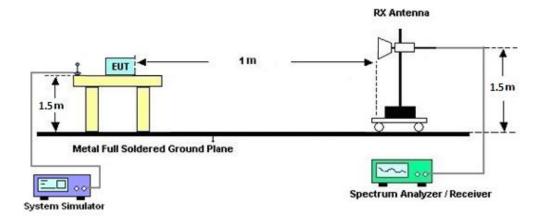
#### For radiated test from 30MHz to 1GHz



#### For radiated test from 1GHz to 18GHz



#### For radiated test above 18GHz



#### 4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

#### Note:

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

### 4.2 Radiated Spurious Emission Measurement

#### 4.2.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.

#### 4.2.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI / TIA-603-E Section 2.2.12.

- 1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
- 2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
- 3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
- 4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
- 5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
- 6. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
- 7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
- 8. Taking the record of output power at antenna port.
- 9. Repeat step 7 to step 8 for another polarization.
- 10. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.



#### 5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 04, 2021	Sep. 24, 2021~ Oct. 26, 2021	Jan. 03, 2022	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	40103 & 07	30MHz~1GHz	Apr. 28, 2021	Sep. 24, 2021~ Oct. 26, 2021	Apr. 27, 2022	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & N-6-06	41912 & 05	30MHz~1GHz	Feb. 08, 2021	Sep. 24, 2021~ Oct. 26, 2021	Feb. 07, 2022	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1328	1GHz~18GHz	Nov. 23, 2020	Sep. 24, 2021~ Oct. 26, 2021	Nov. 22, 2021	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1212	1GHz~18GHz	May 18, 2021	Sep. 24, 2021~ Oct. 26, 2021	May 17, 2022	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	00993	18GHz~40GHz	Nov. 19, 2020	Sep. 24, 2021~ Oct. 26, 2021	Nov. 18, 2021	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA917057 6	18GHz~40GHz	May 21, 2021	Sep. 24, 2021~ Oct. 26, 2021	May 20, 2022	Radiation (03CH12-HY)
Preamplifier	COM-POWER	PA-103	161075	10MHz~1GHz	Mar. 24, 2021	Sep. 24, 2021~ Oct. 26, 2021	Mar. 23, 2022	Radiation (03CH12-HY)
Preamplifier	Aglient	8449B	3008A02375	1GHz~26.5GHz	May 25, 2021	Sep. 24, 2021~ Oct. 26, 2021	May 24, 2022	Radiation (03CH12-HY)
Preamplifier	E-INSTRUME NT TECH LTD.	ERA-100M-18 G-56-01-A70	EC1900249	1GHz~18GHz	Dec. 05, 2020	Sep. 24, 2021~ Oct. 26, 2021	Dec. 04, 2021	Radiation (03CH12-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 11, 2020	Sep. 24, 2021~ Oct. 26, 2021	Dec. 10, 2021	Radiation (03CH12-HY)
Spectrum Analyzer	Agilent	N9010A	MY53470118	10Hz~44GHz	Jan. 15, 2021	Sep. 24, 2021~ Oct. 26, 2021	Jan. 14, 2022	Radiation (03CH12-HY)
Signal Generator	Rohde & Schwarz	SMB100A	101107	100kHz~40GHz	Dec. 04, 2020	Sep. 24, 2021~ Oct. 26, 2021	Dec. 03, 2021	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz~30MHz	Mar. 11, 2021	Sep. 24, 2021~ Oct. 26, 2021	Mar. 10, 2022	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0058/126E	30MHz~18GHz	Dec. 11, 2020	Sep. 24, 2021~ Oct. 26, 2021	Dec. 10, 2021	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Feb. 22, 2021	Sep. 24, 2021~ Oct. 26, 2021	Feb. 21, 2022	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30MHz~40GHz	Feb. 22, 2021	Sep. 24, 2021~ Oct. 26, 2021	Feb. 21, 2022	Radiation (03CH12-HY)
Filter	Wainwright	WLKS1200-12 SS	SN2	1.2GHz Low Pass Filter	Mar. 17, 2021	Sep. 24, 2021~ Oct. 26, 2021	Mar. 16, 2022	Radiation (03CH12-HY)
Filter	Wainwright	WHKX12-1080 -1200-15000-6 0SS	SN1	1.2GHz High Pass Filter	Mar. 17, 2021	Sep. 24, 2021~ Oct. 26, 2021	Mar. 16, 2022	Radiation (03CH12-HY)
Filter	Wainwright	WHKX12-2700 -3000-18000-6 0ST	SN2	3GHz High Pass Filter	Jul. 12, 2021	Sep. 24, 2021~ Oct. 26, 2021	Jul. 11, 2022	Radiation (03CH12-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Sep. 24, 2021~ Oct. 26, 2021	N/A	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Sep. 24, 2021~ Oct. 26, 2021	N/A	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Sep. 24, 2021~ Oct. 26, 2021	N/A	Radiation (03CH12-HY)
Software	Audix	E3 6.2009-8-24	RK-000989	N/A	N/A	Sep. 24, 2021~ Oct. 26, 2021	N/A	Radiation (03CH12-HY)
Hygrometer	Testo	608-H11	3489324	NA	Jan. 18, 2021	Sep. 30, 2021~ Dec. 15, 2021	Jan. 17, 2022	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8821C	6262044657	LTE	Jan. 07, 2021	Sep. 30, 2021~ Dec. 15, 2021	Jan. 06, 2022	Conducted (TH03-HY)
Base Station (Measure)	Anritsu	MT8000A	6262012917	FR1	Jan. 07, 2021	Sep. 30, 2021~ Dec. 15, 2021	Jan. 06, 2022	Conducted (TH03-HY)

Page Number Issued Date Report Version

: 15 of 16 : Dec. 29, 2021

: 01



# 6 Uncertainty of Evaluation

#### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of	3.10 dB
Confidence of 95% (U = 2Uc(y))	5.10 08

#### Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of	3.39 dB
Confidence of 95% (U = 2Uc(y))	

#### Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of	4.34 dB
Confidence of 95% (U = 2Uc(y))	4.34 UB



# Appendix A. Test Results of Conducted Test

# Conducted Output Power(Average power) and EIRP

	NR n77 Maximum Average Power [dBm] (GT - LC = 1.77 dB)										
BW [MHz]	<b>RB</b> Size	<b>RB Offset</b>	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)			
100	1	1		23.21	22.89	22.23					
100	1	271	PI/2 BPSK	23.26	22.26	23.00					
100	135	67		23.36	22.61	22.61					
100	1	0		22.71	22.34	21.75		0.3289			
100	1	272		22.92	21.81	22.55	25.17				
100	270	0		23.40	22.64	22.61					
100	1	1		23.15	22.77	22.21					
100	1	271		23.30	22.34	23.04					
100	135	67	QPSK	23.31	22.60	22.67					
100	1	0	QFSK	22.69	22.30	21.70					
100	1	272		22.81	21.84	22.59					
100	270	0		23.29	22.60	22.60					
100	1	1	16-QAM	22.94	22.77	22.13					
100	1	1	64-QAM	23.37	22.79	22.36	25.14	0.3266			
100	1	1	256-QAM	21.64	21.37	20.71					
Limit		EIRP < 1V	V		Result		Pa	SS			



#### Report No. : FG162602H

	NR n77 (HPUE) Maximum Average Power [dBm] (GT - LC = 1.77 dB)										
BW [MHz]	<b>RB Size</b>	<b>RB</b> Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)			
100	1	1		26.07	25.88	25.20					
100	1	271	PI/2 BPSK	26.21	25.29	25.98					
100	135	67		26.28	25.61	25.61					
100	1	0		22.65	22.40	21.74					
100	1	272		22.78	21.85	22.54	28.05	0.6383			
100	270	0		25.73	25.14	25.08					
100	1	1		26.18	25.70	25.23					
100	1	271		26.27	25.37	25.93					
100	135	67	QPSK	26.27	25.55	25.55					
100	1	0	QFSK	22.70	22.31	21.75					
100	1	272		22.83	21.71	22.46					
100	270	0		25.22	24.52	24.57					
100	1	1	16-QAM	25.13	24.61	24.03					
100	1	1	64-QAM	23.84	23.52	22.90	26.90	0.4898			
100	1	1	256-QAM	21.71	21.33	20.73					
Limit		EIRP < 1V	N	Result			Pa	SS			



# Appendix B. Test Results of Radiated Test

	5G NR n77 / 100MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)	
	7405	-40.56	-13	-27.56	-67.92	-47.72	1.94	11.25	Н	
	11103	-34.06	-13	-21.06	-65.74	-40.33	2.61	11.02	Н	
	14804	-33.78	-13	-20.78	-71.64	-40.67	2.94	11.97	Н	
	18505	-55.27	-13	-42.27	-73.65	-69.12	1.90	17.90	Н	
	22206	-53.78	-13	-40.78	-76.23	-68.40	2.05	18.82	Н	
	25907	-51.06	-13	-38.06	-77.16	-66.03	1.96	19.08	Н	
Louroot									Н	
Lowest	7405	-42.65	-13	-29.65	-69.86	-49.81	1.94	11.25	V	
	11103	-40.60	-13	-27.60	-72.11	-46.87	2.61	11.02	V	
	14804	-35.74	-13	-22.74	-71.66	-42.63	2.94	11.97	V	
	18505	-56.01	-13	-43.01	-73.53	-69.86	1.90	17.90	V	
	22206	-53.33	-13	-40.33	-75.8	-67.95	2.05	18.82	V	
	25907	-49.97	-13	-36.97	-77.18	-64.94	1.96	19.08	V	
									V	
	7582	-43.37	-13	-30.37	-69.86	-50.33	2.00	11.12	н	
	11373	-39.92	-13	-26.92	-71.96	-46.62	2.49	11.35	Н	
	15164	-32.77	-13	-19.77	-70.99	-41.30	3.04	13.72	Н	
	18955	-55.49	-13	-42.49	-74.61	-69.49	1.75	17.90	Н	
	22746	-52.37	-13	-39.37	-76.39	-66.70	1.97	18.45	Н	
	26537	-50.13	-13	-37.13	-77.34	-64.41	2.36	18.79	Н	
Mi al all a									Н	
Middle	7582	-43.93	-13	-30.93	-70.38	-50.89	2.00	11.12	V	
	11373	-39.84	-13	-26.84	-71.73	-46.54	2.49	11.35	V	
	15164	-34.81	-13	-21.81	-71.03	-43.34	3.04	13.72	V	
	18955	-55.26	-13	-42.26	-73.66	-69.26	1.75	17.90	V	
	22746	-51.56	-13	-38.56	-75.62	-65.89	1.97	18.45	V	
	26537	-48.11	-13	-35.11	-76.81	-62.39	2.36	18.79	V	
									V	

# 5G NR n77



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	7762	-42.75	-13	-29.75	-69.21	-49.73	2.03	11.15	Н
	11643	-39.59	-13	-26.59	-72.02	-46.85	2.49	11.90	Н
	15524	-33.12	-13	-20.12	-70.62	-43.92	3.13	16.08	н
	19405	-55.47	-13	-42.47	-74.66	-69.67	1.96	18.31	н
	23286	-52.00	-13	-39.00	-76.68	-65.96	1.97	18.09	Н
	27167	-51.07	-13	-38.07	-77.69	-65.69	2.10	18.87	Н
									н
Highest	7762	-42.73	-13	-29.73	-68.93	-49.71	2.03	11.15	V
	11643	-39.25	-13	-26.25	-71.76	-46.51	2.49	11.90	V
	15524	-33.94	-13	-20.94	-70.73	-44.74	3.13	16.08	V
	19405	-56.11	-13	-43.11	-74.62	-70.31	1.96	18.31	V
	23286	-51.96	-13	-38.96	-76.77	-65.92	1.97	18.09	V
	27167	-49.47	-13	-36.47	-77.5	-64.09	2.10	18.87	V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.