



Report No.: FG2N1462H

FCC RADIO TEST REPORT

FCC ID : 2AJN7-TP00145AU **Equipment** : Notebook Computer

: Lenovo **Brand Name**

Compliance ID : TP00145A; TP00145B

: LC Future Center Limited Taiwan Branch **Applicant**

7F., No.780, Beian Rd., Zhongshan Dist., Taipei 104, Taiwan

Manufacturer : LCFC (HeFei) Electronics Technology Co., Ltd.

> No. 3188-1, Yungu Road (Hefei Export Processing Zone), Hefei **Economics & Technology Development Area, Anhui, CHINA**

Standard : FCC 47 CFR Part 2, and 90(S)

Equipment: Fibocom FM350-GL tested inside of Lenovo Notebook Computer.

The product was received on Nov. 14, 2022 and testing was performed from Dec. 16, 2022 to Jan. 18, 2023. We, Sporton International Inc. Wensan 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 from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Approved by: Louis Wu

Louis Win

Sporton International Inc. Wensan Laboratory

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History of this test report

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Report No.	Version	Description	Issue Date
FG2N1462H	01	Initial issue of report	Jan. 19, 2023
FG2N1462H	02	Revise Product Feature	Feb. 20, 2023
FG2N1462H	03	Revise cover page and Product Feature	Feb. 22, 2023

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Summary of Test Result

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Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046 §90.635	Conducted Output Power and Effective Radiated Power	Pass	-
-	-	Peak-to-Average Ratio	-	See Note
-	§2.1049 §90.209	Occupied Bandwidth and 26dB Bandwidth	-	See Note
-	§2.1051 §90.691	Emission masks – In-band emissions	-	See Note
-	§2.1051 §90.691	Emission masks – Out of band emissions	-	See Note
-	§2.1055 §90.213	Frequency Stability for Temperature & Voltage	-	See Note
3.3	§2.1053 §90.691	Field Strength of Spurious Radiation	Pass	27.45 dB under the limit at 2456.000 MHz

Note: The certified module (Model: FM350-GL) which supports normal mode and TX switching mode being integrated into a notebook computer. Spot check on both modes were performed and no degradation occur. Thus additionally reporting the spot check results in this report.

Declaration of Conformity:

- The test results (PASS/FAIL) with all measurement uncertainty excluded are presented in accordance
 with the regulation limits or requirements declared by manufacturers.
 It's means measurement values may risk exceeding the limit of regulation standards, if measurement
 uncertainty is include in test results.
- 2. The measurement uncertainty please refer to report "Uncertainty of Evaluation".

Comments and Explanations:

- The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity.
- The purpose of different model name is for CPU (Intel/AMD).

Reviewed by: Sheng Kuo

Report Producer: Michelle Chen

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1 General Description

1.1 Feature of Equipment Under Test

	Product Feature						
Equipment	Notebook Computer						
Brand Name	Lenovo						
Compliance ID	TP00145A; TP00145B						
FCC ID	2AJN7-TP00145AU						
Sample 1	EUT with Amphenol Taiwan Corporation Antenna						
Sample 2	EUT with Speed Antenna						
	Brand Name: Qualcomm						
	Model Name: QCNFA725						
Integrated WLAN Module	FCC ID: A5M-QCNFA725						
Integrated WEAN Module	Brand Name: Intel						
	Model Name: AX211D2W						
	FCC ID: PD9AX211D2						
Integrated NEC Medule	Brand Name: Foxconn						
Integrated NFC Module	Model Name: T77H747						
	WCDMA/HSPA/LTE/5G NR/GNSS/NFC						
	WLAN 11a/b/g/n HT20/HT40						
EUT supports Radios application	WLAN 11ac VHT20/VHT40/VHT80/VHT160						
	WLAN 11ax HE20/HE40/HE80/HE160						
	Bluetooth BR/EDR/LE						
EUT Stage	Production Unit						

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Remark:

- 1. The above EUT's information was declared by manufacturer.
- 2. Equipment: Fibocom FM350-GL tested inside of Lenovo Notebook Computer.
- 3. All the test results were performed with TP00145A.

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	Normal mode	TX switching mode			
	TX/RX	TX/RX			
	WCDMA: 2/4/5	WCDMA: 5			
Ant_0 (Main)	LTE: 2/4/5/7/12/13/14/17/25/26/30/38/66/71	LTE: 5/12/13/14/17/26/41/48/71			
	NR: 2/5/7/25/30/38/66/71	NR : 5/41/71/77/78			
	LTE : 41/48	WCDMA: 2/4			
Ant_2 (MIMO2)	NR : 41/77/78	LTE: 2/4/7/25/30/38/66			
	NK . 4 1/1 1/1 0	NR: 2/7/25/30/38/66			

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WWAN Antenna Information								
	Manufacturer	Amphenol Taiwan	Peak gain (dBi)	LTE Band 26: -1.00				
Main Antenna	Part number	Corporation DC33001YS50	Туре	PIFA				
	Manufacturer	Speed	1	LTE Band 26: -1.00				
	Part number	DC33001YT50	Туре	PIFA				

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

1.2 Product Specification of Equipment Under Test

Product Specif	Product Specification is subject to this standard					
Tx Frequency	814.7 ~ 823.3 MHz					
Rx Frequency	859.7 ~ 868.3 MHz					
Bandwidth	1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz					
Maximum Output Power to Antenna	23.64 dBm					
Type of Modulation	QPSK / 16QAM / 64QAM / 256QAM					

1.3 Modification of EUT

No modifications made to the EUT during the testing.

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1.4 Testing Site

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory				
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333				
Took Cita No	Sporton Site No.				
Test Site No.	TH03-HY (TAF Code: 1190)				
Test Engineer	Mike Yeh				
Temperature (°C)	22.2~23.1				
Relative Humidity (%)	51~56				
Remark	The Conducted test item subcontracted to Sporton International Inc. EMC & Wireless Communications Laboratory				

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Test Site	Sporton International Inc. Wensan Laboratory				
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010				
Test Site No.	Sporton Site No.				
rest site No.	03CH15-HY				
Test Engineer	Eric Xiao, Quentin Liu and Bigshow Wang				
Temperature (°C)	21~26				
Relative Humidity (%)	45~60				

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

FCC Designation No.: TW1190 and TW3786

1.5 Applied Standards

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

- FCC 47 CFR Part 2, 90
- ANSI / TIA-603-E
- ANSI C63.26-2015
- 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
- Interim Guidance for Equipment Authorization of Devices with Channel Bandwidths Combined Across Two Contiguous Service Rule Allocations OET/Lab/EACB, June 6, 2013

Remark:

- All the test items were validated and recorded in accordance with the standards without any
 modification during the testing.
- 2. The TAF code is not including all the FCC KDB listed without accreditation.

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Test Configuration of Equipment Under Test 2

Test Mode 2.1

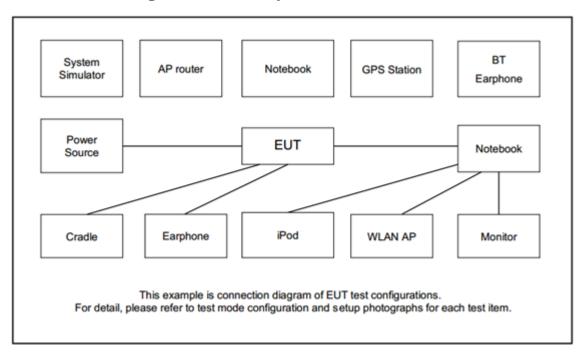
During all testing, EUT is in link mode with base station emulator at maximum power level.

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Frequency range investigated for radiated emission is 30 MHz to 9000 MHz.

Conducted	D1		Ва	ndwid	lth (MI	Hz)			Modu	lation			RB#		Test	t Cha	nnel
Test Cases	Band	1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full	L	М	Н
Max. Output Power	26	v	v	V	v	v	-	v	v			٧			V	v	v
E.R.P.	26	v	v	v	v	v	-	v	v			Max. Power					
Radiated Spurious Emission	26			v	v	v	-	v				v			v	v	v
Remark	 The mark "v" means that this configuration is chosen for testing The mark "-" means that this bandwidth is not supported. For modulation of 64QAM/256QAM, the maximum power of 64QAM/256QAM is lower than other 																

2.2 Connection Diagram of Test System



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2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	nd Name Model No. FC		Data Cable	Power Cord		
1.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A		
2.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m		
3.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m		

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2.4 Frequency List of Low/Middle/High Channels

LTE Band 26 Channel and Frequency List									
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest					
45	Channel	26765	-	-					
15	Frequency	821.5	-	-					
10	Channel	-	26740	-					
10	Frequency	-	819	-					
5	Channel	26715	26740	26765					
5	Frequency	816.5	819	821.5					
3	Channel	26705	26740	26775					
3	Frequency	815.5	819	822.5					
1.4	Channel	26697	26740	26783					
1.4	Frequency	814.7	819	823.3					

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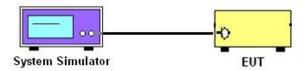
3 Conducted Test Items

3.1 Measuring Instruments

See list of measuring instruments of this test report.

3.1.1 Test Setup

3.1.2 Conducted Output Power



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3.1.3 Test Result of Conducted Test

Please refer to Appendix A.

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3.2 Conducted Output Power Measurement and ERP Measurement

3.2.1 Description of the Conducted Output Power Measurement and ERP Measurement

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

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The output power of mobile transmitters must not exceed 100 Watts for LTE Band 26.

According to KDB 412172 D01 Power Approach,

EIRP = $P_T + G_T - L_C$, 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 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.

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3.3 Field Strength of Spurious Radiation Measurement

3.3.1 Description of Field Strength of Spurious Radiated Measurement

The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E. The power of any emission FCC Part 90.691 on any frequency removed from the assigned frequency by more than 250 percent of the authorized bandwidth at least 43 + 10 log (P) dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

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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+10log₁₀(P[Watts]) dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

3.3.2 Test Procedures

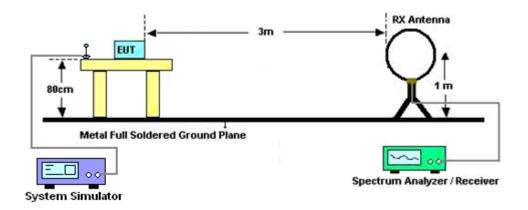
- The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
- 2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
- 3. The table was rotated 360 degrees to determine the position 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. For testing below 1GHz, make the measurement with the spectrum analyzer's RBW = 100 kHz, VBW = 3MHz, Sweep = 500ms, Taking the record of maximum spurious emission.
- 6. For testing above 1GHz, make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, Sweep = 500ms, Taking the record of maximum spurious emission.
- 7. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
- 8. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
- 9. Taking the record of output power at antenna port.
- 10. Repeat step 7 to step 8 for another polarization.
- 11. EIRP (dBm) = S.G. Power Tx Cable Loss + Tx Antenna Gain
- 12. ERP (dBm) = EIRP 2.15
- 13. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
- 14. The limit line is derived from 43 + 10log(P) dB below the transmitter power P(Watts)

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3.3.3 Test Setup

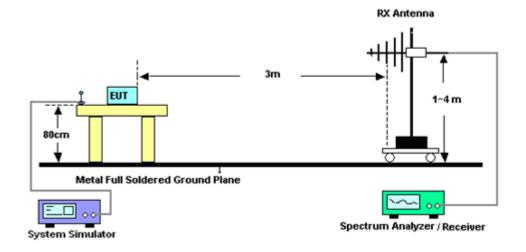
For radiated test below 30MHz



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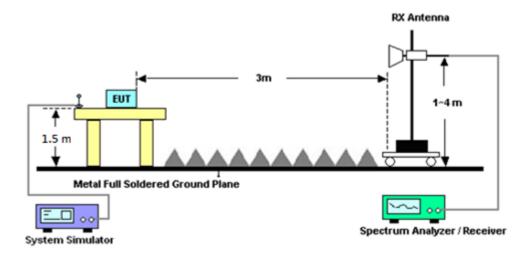
For radiated test from 30MHz to 1GHz

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For radiated test above 1GHz



3.3.4 Test Result of Field Strength of Spurious Radiated

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.

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List of Measuring Equipment 4

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Radio Communication Analyzer	Anritsu	MT8821C	6262025353	LTE FDD/TDD LTE-2CC DLCA/ULCA	Oct. 13, 2022	Dec. 16, 2022~ Dec. 23, 2022	Oct. 12, 2023	Conducted (TH03-HY)
Coupler	Warison	20dB 25W SMA Directional Coupler	#B	1-18GHz	Jan. 07, 2022	Dec. 16, 2022~ Dec. 23, 2022	Jan. 06, 2023	Conducted (TH03-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 20, 2022	Jan. 01, 2023~ Jan. 18, 2023	Sep. 19, 2023	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	41912 & 05	30MHz~1GHz	Feb. 06, 2022	Jan. 01, 2023~ Jan. 18, 2023	Feb. 05, 2023	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	40103 & 07	30MHz~1GHz	Apr. 24, 2022	Jan. 01, 2023~ Jan. 18, 2023	Apr. 23, 2023	Radiation (03CH15-HY)
Amplifier	SONOMA	310N	363440	9kHz~1GHz	Dec. 26, 2022	Jan. 01, 2023~ Jan. 18, 2023	Dec. 25, 2023	Radiation (03CH15-HY)
Horn Antenna	SCHWARZB ECK	BBHA 9120 D	9120D-1241	1GHz~18GHz	Jul. 25, 2022	Jan. 01, 2023~ Jan. 18, 2023	Jul. 24, 2023	Radiation (03CH15-HY)
Horn Antenna	SCHWARZB ECK	BBHA 9120 D	9120D-02294	1GHz~18GHz	Jun. 23, 2022	Jan. 01, 2023~ Jan. 18, 2023	Jun. 22, 2023	Radiation (03CH15-HY)
Preamplifier	E-INSTRUM ENT TECH LTD.	ERA-100M-18G-5 6-01-A70	EC1900269	1GHz~18GHz	Dec. 26, 2022	Jan. 01, 2023~ Jan. 18, 2023	Dec. 25, 2023	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060802	1GHz-18GHz	Mar. 08, 2022	Jan. 01, 2023~ Jan. 18, 2023	Mar. 07, 2023	Radiation (03CH15-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	20MHz~8.4GHz	Oct. 18, 2022	Jan. 01, 2023~ Jan. 18, 2023	Oct. 17, 2023	Radiation (03CH15-HY
Spectrum Analyzer	Agilent	E4446A	MY50180136	3Hz~44GHz	May 11, 2022	Jan. 01, 2023~ Jan. 18, 2023	May 10, 2023	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Jan. 01, 2023~ Jan. 18, 2023	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Jan. 01, 2023~ Jan. 18, 2023	N/A	Radiation (03CH15-HY)
Software	Audix	E3 6.2009-8-24(k5)	RK-000451	N/A	N/A	Jan. 01, 2023~ Jan. 18, 2023	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104, 102E	MY582185/4,M Y9838/4PE,51 9228/2	30MHz~18G	Jun. 21, 2022	Jan. 01, 2023~ Jan. 18, 2023	Jun. 20, 2023	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,8040 12/2	30MHz-40GHz	Jan. 04, 2022	Jan. 01, 2023~ Jan. 02, 2023	Jan. 03, 2023	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,8040 12/2	30MHz-40GHz	Jan. 03, 2023	Jan. 03, 2023~ Jan. 07, 2023	Jan. 02, 2024	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY9837/4PE	9kHz~30MHz	Mar. 10, 2022	Jan. 01, 2023~ Jan. 18, 2023	Mar. 09, 2023	Radiation (03CH15-HY)

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5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of	3.27 dB
Confidence of 95% (U = 2Uc(y))	3.27 UB

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

Measuring Uncertainty for a Level of	2.72.40
Confidence of 95% (U = 2Uc(y))	3.72 dB

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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power)

	LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1 dB)											
BW [MHz]	/ [MHz] RB Size RB Offset Mod Lowest Middle Highest ERP (dBm) ERP (W)											
15	1	0	QPSK	23.49	-	-	20.34	0.1081				
15	1	0	16-QAM	22.37	-	-	19.67	0.0927				
Limit Output Power < 100W				Result		Pa	ISS					

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	LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1 dB)											
BW [MHz]	RB Size	RB Size RB Offset Mod Lowest Middle Highest ERP (dBm) ERP (W)										
10	1	0	QPSK	-	23.39	-	20.24	0.1057				
10	1	0	16-QAM	-	22.79	-	19.64	0.0920				
Limit	Outp	ut Power <	100W		Result		Pa	iss				

	LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1 dB)											
BW [MHz]	Hz] RB Size RB Offset Mod Lowest Middle Highest ERP (dBm) ERP (W)											
5	1	0	QPSK	23.53	23.64	23.50	20.49	0.1119				
5	1	1 0 16-QAM 22.94 22.71 22.75 19.79 0.0953										
Limit	Outp	ut Power <	100W		Result		Pa	iss				

	LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1 dB)											
BW [MHz]	W [MHz] RB Size RB Offset Mod Lowest Middle Highest ERP (dBm) ERP (W)											
3	1	0	QPSK	23.53	23.54	23.48	20.39	0.1094				
3	1	0	16-QAM	22.73	22.71	22.69	19.58	0.0908				
Limit Output Power < 100W					Result		Pa	ISS				

	LTE Band 26 Maximum Average Power [dBm] (GT - LC = -1 dB)											
BW [MHz]	[MHz] RB Size RB Offset Mod Lowest Middle Highest ERP (dBm) ERP (W											
1.4	1	0	QPSK	23.54	23.43	23.47	20.39	0.1094				
1.4	1	0	16-QAM	22.73	19.61	0.0914						
Limit Output Power < 100W					Result		Pa	iss				

Appendix B. Test Results of Radiated Test LTE Band 26 (Ant. Main)

	LTE Band 26 / 5MHz / QPSK												
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)				
	1632	-50.18	-13	-37.18	-26.24	-55.36	1.82	9.16	Н				
	2440	-46.84	-13	-33.84	-26.93	-52.92	2.23	10.46	Н				
	3256	-65.09	-13	-52.09	-47.72	-72.46	2.60	12.12	Н				
									Н				
									Н				
									Н				
Lowest									Н				
Lowest	1632	-48.33	-13	-35.33	-24.85	-53.51	1.82	9.16	V				
	2440	-42.27	-13	-29.27	-22.81	-48.35	2.23	10.46	V				
	3256	-64.61	-13	-51.61	-47.66	-71.98	2.60	12.12	V				
									V				
									V				
									V				
									V				
	1632	-49.36	-13	-36.36	-25.42	-54.54	1.82	9.16	Н				
	2448	-48.73	-13	-35.73	-28.88	-54.84	2.24	10.49	Н				
	3267	-65.57	-13	-52.57	-48.16	-72.98	2.61	12.17	Н				
									Н				
									Н				
									Н				
Middle									Н				
ivildale	1632	-51.73	-13	-38.73	-28.25	-56.91	1.82	9.16	V				
	2448	-43.45	-13	-30.45	-23.99	-49.56	2.24	10.49	V				
	3267	-65.26	-13	-52.26	-48.29	-72.67	2.61	12.17	V				
									V				
									V				
									V				
									V				

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					1	1	1	1	1
	1640	-45.35	-13	-32.35	-21.46	-50.59	1.83	9.22	Н
	2456	-43.74	-13	-30.74	-23.95	-49.89	2.24	10.54	Н
	3277	-65.67	-13	-52.67	-48.22	-73.12	2.61	12.21	Н
	4096	-63.65	-13	-50.65	-48.07	-71.31	2.89	12.70	Н
									Н
									Н
Liberant									Н
Highest	1640	-44.72	-13	-31.72	-21.28	-49.96	1.83	9.22	V
	2456	-40.45	-13	-27.45	-21	-46.60	2.24	10.54	V
	3277	-65.54	-13	-52.54	-48.5	-72.99	2.61	12.21	V
	4096	-60.14	-13	-47.14	-45.07	-67.80	2.89	12.70	V
									V
									V
									V

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

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	LTE Band 26 / 10MHz / QPSK											
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)			
	1632	-49.11	-13	-36.11	-25.17	-54.29	1.82	9.16	Н			
	2440	-44.78	-13	-31.78	-24.87	-50.86	2.23	10.46	Н			
	3256	-65.00	-13	-52.00	-47.63	-72.37	2.60	12.12	Н			
	4072	-62.41	-13	-49.41	-46.76	-70.08	2.88	12.70	Н			
									Н			
									Н			
Middle									Н			
ivildale	1632	-57.76	-13	-44.76	-34.28	-62.94	1.82	9.16	V			
	2440	-44.32	-13	-31.32	-24.86	-50.40	2.23	10.46	V			
	3256	-64.75	-13	-51.75	-47.8	-72.12	2.60	12.12	V			
	4072	-64.13	-13	-51.13	-48.97	-71.80	2.88	12.70	V			
									V			
									V			
									V			

Report No. : FG2N1462H

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

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			Ľ	TE Band 26	/ 15MHz / QF	PSK			
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
	1632	-46.61	-13	-33.61	-22.67	-51.79	1.82	9.16	Н
	2448	-43.46	-13	-30.46	-23.61	-49.57	2.24	10.49	Н
	3256	-65.14	-13	-52.14	-47.77	-72.51	2.60	12.12	Н
									Н
									Н
									Н
Low									Н
Low	1632	-52.82	-13	-39.82	-29.34	-58.00	1.82	9.16	V
	2448	-40.76	-13	-27.76	-21.3	-46.87	2.24	10.49	V
	3256	-64.17	-13	-51.17	-47.21	-71.54	2.60	12.12	V
									V
									V
									V
									V

Report No. : FG2N1462H

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

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