

FCC RF Test Report

APPLICANT : Wistron Corporation
EQUIPMENT : Notebook Computer
BRAND NAME : Lenovo
MODEL NAME : TP00076D
FCC ID : PU5-TP00076DUC
STANDARD : FCC 47 CFR Part 2, 22(H), 24(E), 27(L)
CLASSIFICATION : PCS Licensed Transmitter (PCB)

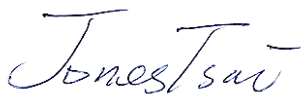
Equipment: Fibocom L850-GL and Intel 8265NGW tested inside of Lenovo Notebook Computer.

This is a partial report. The product was received on Dec. 13, 2017 and testing was completed on Jan. 16, 2018. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA / EIA-603-E and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.



Reviewed by: Joseph Lin / Supervisor



Approved by: Jones Tsai / Manager



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FCC ID : PU5-TP00076DUC

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG7N0343-03A	Rev. 01	Initial issue of report	Feb. 21, 2018

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.4	§2.1046	Conducted Output Power	Reporting Only	PASS	-
	§22.913(a)(2)	Effective Radiated Power	< 7 Watts		
	§24.232(c)	Equivalent Isotropic Radiated Power	< 2 Watts		
	§27.50(d)(4)	Equivalent Isotropic Radiated Power	< 1 Watts		
4.4	§2.1053 §22.917(a) §24.238(a) §27.53(h)	Field Strength of Spurious Radiation	< 43+10log10(P[Watts])	PASS	Under limit 31.29 dB at 2480.000 MHz

1 General Description

1.1 Applicant

Wistron Corporation

21F, No. 88, Sec. 1, Hsin Tai Wu Rd., Hsichih Dist, New Taipei City 221, Taiwan R.O.C.

1.2 Manufacturer

Wistron Corporation

21F, No. 88, Sec. 1, Hsin Tai Wu Rd., Hsichih Dist, New Taipei City 221, Taiwan R.O.C.

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Notebook Computer
Brand Name	Lenovo
Model Name	TP00076D
FCC ID	PU5-TP00076DUC
Sample 1	EUT with Silver Case
Sample 2	EUT with Black Case
Integrated WWAN Module	Brand Name: Fibocom Model Name: L850-GL
Integrated WLAN Module	Brand Name: Intel Model Name: 8265NGW
EUT supports Radios application	WCDMA/HSPA/LTE WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE
EUT Stage	Production Unit

Remark:

1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.
2. Equipment: Fibocom L850-GL and Intel 8265NGW tested inside of Lenovo Notebook Computer.

WWAN				3G & LTE
Antenna 1	Manufacturer	Jiengtai	Peak gain	2.2
	Part Number	025.90167.0001	Type	PIFA

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	WCDMA: Band V: 826.4 MHz ~ 846.6 MHz Band II: 1852.4 MHz ~ 1907.6 MHz Band IV: 1712.4 MHz ~ 1752.6 MHz
Rx Frequency	WCDMA: Band V: 871.4 MHz ~ 891.6 MHz Band II: 1932.4 MHz ~ 1987.6 MHz Band IV: 2112.4 MHz ~ 2152.6 MHz
Maximum Output Power to Antenna	WCDMA: Band V: 23.42 dBm Band II: 23.53 dBm Band IV: 23.55 dBm
Type of Modulation	WCDMA: BPSK (Uplink) HSDPA: 64QAM (Downlink) HSUPA: QPSK (Uplink)

1.5 Modification of EUT

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

1.6 Testing Location

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code : 1190) and the FCC designation No. TW1190 and TW0007 and TW0007 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC Test.

Test Site	SPORTON INTERNATIONAL INC.
Test Site Location	No. 52, Hwa Ya 1 st Rd., Hwa Ya Technology Park, Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C.
Test Site No.	Sporton Site No.
	TH05-HY

Test Site	SPORTON INTERNATIONAL INC.
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd Rd. Guishan Dist, Taoyuan City, Taiwan (R.O.C.)
Test Site No.	Sporton Site No.
	03CH13-HY

1.7 Applicable Standards

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

- 47 CFR Part 2, 22(H), 24(E), 27(L)
- ANSI / TIA / EIA-603-E
- FCC KDB 971168 D01 Power Meas. License Digital Systems v03
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

2 Test Configuration of Equipment Under Test

2.1 Test Mode

Antenna port conducted and radiated test items were performed according to KDB 971168 D01 Power Meas. License Digital Systems v03 with maximum output power.

Radiated measurements were performed with rotating EUT in different four orthogonal test planes to find the maximum emission.

Radiated emissions were investigated as following frequency range:

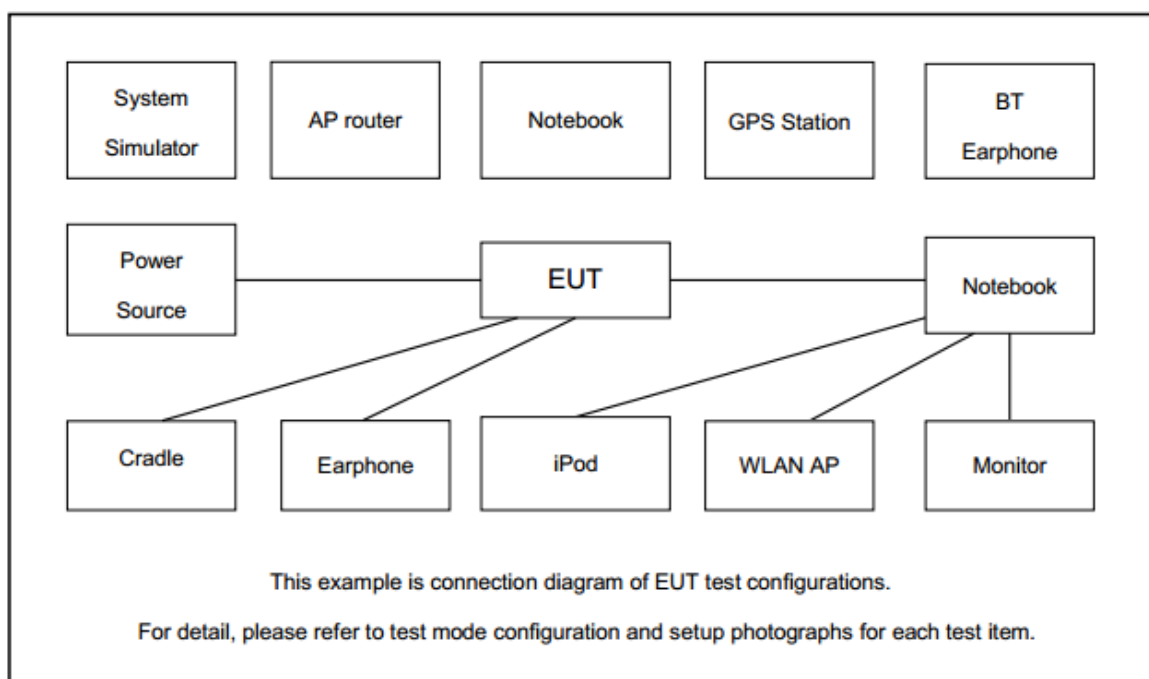
1. 30 MHz to 9000 MHz for WCDMA Band V.
2. 30 MHz to 18000 MHz for WCDMA Band IV.
3. 30 MHz to 19100 MHz for WCDMA Band II.

All modes and data rates and positions were investigated.

Test modes are chosen to be reported as the worst case configuration below:

Test Modes		
Band	Radiated TCs	Conducted TCs
WCDMA Band V	■ RMC 12.2Kbps Link	■ RMC 12.2Kbps Link
WCDMA Band II	■ RMC 12.2Kbps Link	■ RMC 12.2Kbps Link
WCDMA Band IV	■ RMC 12.2Kbps Link	■ RMC 12.2Kbps Link

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	R&S	CMU 200	N/A	N/A	Unshielded, 1.8 m

2.4 Frequency List of Low/Middle/High Channels

Frequency List				
Band	Channel/Frequency(MHz)	Lowest	Middle	Highest
WCDMA Band V	Channel	4132	4182	4233
	Frequency	826.4	836.4	846.6
WCDMA Band II	Channel	9262	9400	9538
	Frequency	1852.4	1880.0	1907.6
WCDMA Band IV	Channel	1312	1413	1513
	Frequency	1712.4	1732.6	1752.6

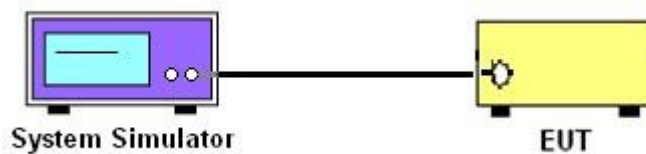
3 Conducted Test Result

3.1 Measuring Instruments

See list of measuring instruments of this test report.

3.2 Test Setup

3.2.1 Conducted Output Power



3.3 Test Result of Conducted Test

Please refer to Appendix A.

3.4 Conducted Output Power and ERP/EIRP

3.4.1 Description of the Conducted Output Power and ERP/EIRP

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.

The ERP of mobile transmitters must not exceed 7 Watts for WCDMA Band V.

The EIRP of mobile transmitters must not exceed 2 Watts for WCDMA Band II.

The EIRP of mobile transmitters must not exceed 1 Watts for WCDMA Band IV.

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

3.4.2 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 the maximum burst average power for GSM and maximum average power for other modulation signal.

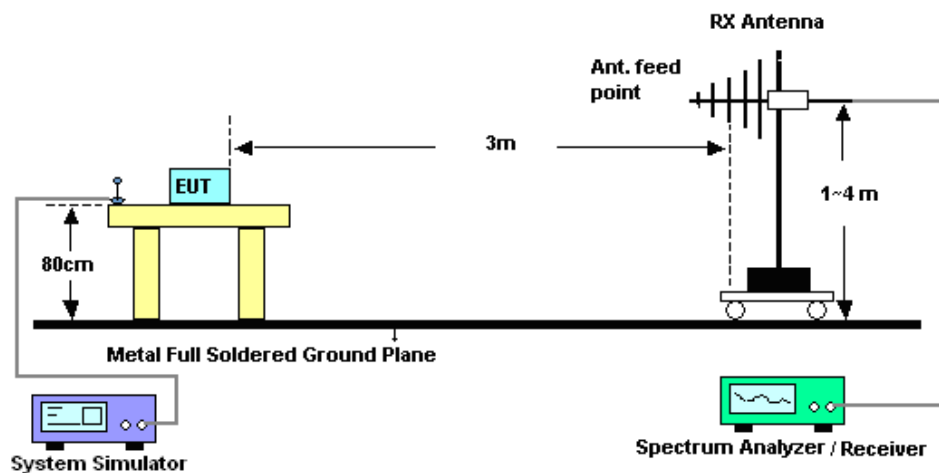
4 Radiated Test Items

4.1 Measuring Instruments

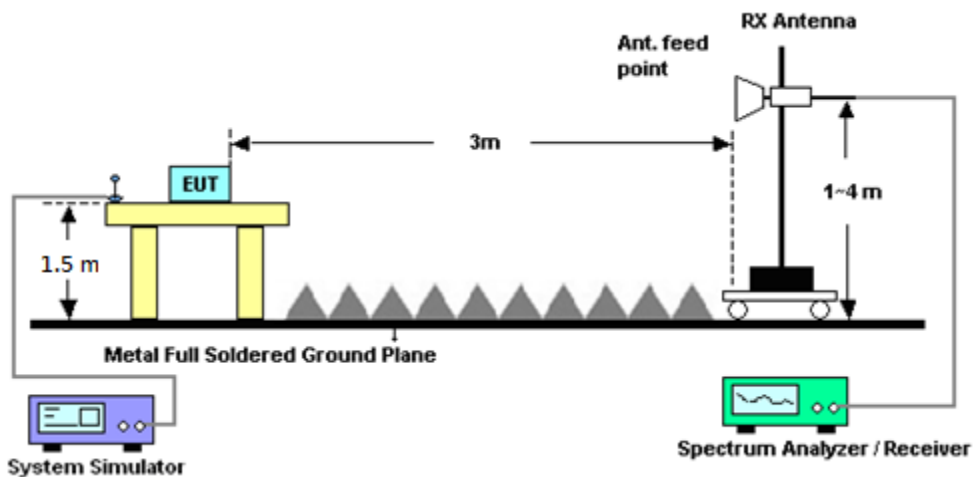
See list of measuring instruments of this test report.

4.2 Test Setup

4.2.1 For radiated test from 30MHz to 1GHz



4.2.2 For radiated test above 1GHz



4.3 Test Result of Radiated Test

Please refer to Appendix B.

4.4 Field Strength of Spurious Radiation Measurement

4.4.1 Description of Field Strength of Spurious Radiated Measurement

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. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

4.4.2 Test Procedures

1. The testing follows FCC KDB 971168 D01 v03 Section 5.8 and ANSI / TIA-603-E Section 2.2.12.
2. The EUT was placed on a rotatable wooden table 0.8 meters for frequency below 1GHz and 1.5 meter for frequency above 1GHz above the ground.
3. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between one meter and four meters to search for the maximum spurious emission for both horizontal and vertical polarizations.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking 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. $EIRP \text{ (dBm)} = S.G. \text{ Power} - Tx \text{ Cable Loss} + Tx \text{ Antenna Gain}$
12. $ERP \text{ (dBm)} = EIRP - 2.15$
13. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
14. The limit line is derived from $43 + 10\log(P)$ dB below the transmitter power P(Watts)



5 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Base Station (Measure)	Rohde & Schwarz	CMU 200	117997	GSM/GPRS /WCDMA/CDMA	Aug. 20, 2017	Dec. 29, 2017	Aug. 19, 2018	Conducted (TH05-HY)
Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz, VS WR : 2.5:1 max	Jul. 18, 2017	Jan. 12, 2018 ~ Jan. 16, 2018	Jul. 17, 2018	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D&N-6-0	35414&AT-N 0602	30MHz~1GHz	Oct. 14, 2017	Jan. 12, 2018 ~ Jan. 16, 2018	Oct. 13, 2018	Radiation (03CH13-HY)
Amplifier	Sonoma-Instrument	310 N	187282	9KHz~1GHz	Dec. 21, 2016	Jan. 12, 2018 ~ Jan. 16, 2018	Dec. 20, 2018	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1241	1GHz ~ 18GHz	Jun. 15, 2017	Jan. 12, 2018 ~ Jan. 16, 2018	Jun. 14, 2018	Radiation (03CH13-HY)
Preamplifier	MITEQ	AMF-7D-001 01800-30-10	1590074	1GHz~18GHz	May 22, 2017	Jan. 12, 2018 ~ Jan. 16, 2018	May 21, 2018	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010A	MY55370526	10Hz~44GHz	Mar. 15, 2017	Jan. 12, 2018 ~ Jan. 16, 2018	Mar. 14, 2018	Radiation (03CH13-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Jan. 12, 2018 ~ Jan. 16, 2018	N/A	Radiation (03CH13-HY)
Antenna Mast	EMEC	AM-BS-4500 -B	N/A	1m~4m	N/A	Jan. 12, 2018 ~ Jan. 16, 2018	N/A	Radiation (03CH13-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Jan. 12, 2018 ~ Jan. 16, 2018	N/A	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA91702 51	18GHz- 40GHz	Nov. 10, 2017	Jan. 12, 2018 ~ Jan. 16, 2018	Nov. 09, 2018	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA91705 84	18GHz- 40GHz	Nov. 27, 2017	Jan. 12, 2018 ~ Jan. 16, 2018	Nov. 26, 2018	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1522	1G~18GHz	Mar. 17, 2017	Jan. 12, 2018 ~ Jan. 16, 2018	Mar. 16, 2018	Radiation (03CH13-HY)
Signal Generator	Rohde & Schwarz	SMF100A	101107	100kHz~40GHz	May 22, 2017	Jan. 12, 2018 ~ Jan. 16, 2018	May 21, 2018	Radiation (03CH13-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz ~ 26.5GHz	Dec. 05, 2017	Jan. 12, 2018 ~ Jan. 16, 2018	Dec. 04, 2018	Radiation (03CH13-HY)

6 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.07
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.48
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.92
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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power)

Conducted Power (*Unit: dBm)						
Band	WCDMA Band V			WCDMA Band II		
Channel	4132	4182	4233	9262	9400	9538
Frequency	826.4	836.4	846.6	1852.4	1880	1907.6
RMC 12.2K	23.42	22.97	23.06	23.53	23.48	23.07
HSDPA Subtest-1	23.40	23.21	23.34	23.48	23.47	23.13
HSDPA Subtest-2	22.43	22.77	22.32	22.64	22.50	22.18
HSDPA Subtest-3	21.94	22.27	21.82	22.11	22.01	21.64
HSDPA Subtest-4	21.71	22.05	21.59	21.86	21.76	21.41
HSUPA Subtest-1	22.40	22.69	22.23	22.57	22.49	22.11
HSUPA Subtest-2	20.19	20.52	20.12	20.37	20.23	19.92
HSUPA Subtest-3	20.93	21.30	20.86	21.09	20.94	20.62
HSUPA Subtest-4	20.43	20.80	20.30	20.64	20.44	20.16
HSUPA Subtest-5	22.40	22.70	22.30	22.60	22.60	22.10

Conducted Power (*Unit: dBm)			
Band	WCDMA Band IV		
Channel	1312	1413	1513
Frequency	1712.4	1732.6	1752.6
RMC 12.2K	23.05	23.14	23.55
HSDPA Subtest-1	22.97	22.98	23.45
HSDPA Subtest-2	21.98	22.00	22.44
HSDPA Subtest-3	21.48	21.52	21.98
HSDPA Subtest-4	21.32	21.30	21.80
HSUPA Subtest-1	21.84	21.96	22.34
HSUPA Subtest-2	19.88	19.82	20.32
HSUPA Subtest-3	20.59	20.63	21.03
HSUPA Subtest-4	20.13	20.17	20.63
HSUPA Subtest-5	21.90	22.00	22.36



Appendix B. Test Results of ERP/EIRP and Radiated Test

ERP/EIRP

Channel	Mode	Conducted		ERP	
		Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	WCDMA Band V	23.42	0.2198	19.85	0.0966
Middle	RMC 12.2Kbps	22.97	0.1982	19.40	0.0871
Highest	GT - LC = -1.42 dB	23.06	0.2023	19.49	0.0889
Limit	ERP < 7W	Result		PASS	

Channel	Mode	Conducted		EIRP	
		Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	WCDMA Band II	23.53	0.2254	25.06	0.3206
Middle	RMC 12.2Kbps	23.48	0.2228	25.01	0.3170
Highest	(GT - LC = 1.53 dB)	23.07	0.2028	24.60	0.2884
Limit	EIRP < 2W	Result		PASS	

Channel	Mode	Conducted		EIRP	
		Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	WCDMA Band IV	23.05	0.2018	23.60	0.2291
Middle	RMC 12.2Kbps	23.14	0.2061	23.69	0.2339
Highest	(GT - LC = 0.55 dB)	23.55	0.2265	24.10	0.2570
Limit	EIRP < 1W	Result		PASS	

**Radiated Spurious Emission****Part22H WCDMA 850**

WCDMA 850									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1656	-54.94	-13	-41.94	-69.44	-56.67	0.98	4.86	H
	2480	-44.79	-13	-31.79	-62.42	-46.7	1.28	5.34	H
	3296	-57.98	-13	-44.98	-79	-61.39	1.54	7.10	H
									H
									H
	1656	-55.03	-13	-42.03	-69.58	-56.76	0.98	4.86	V
	2480	-44.29	-13	-31.29	-61.92	-46.2	1.28	5.34	V
	3296	-58.34	-13	-45.34	-79.63	-61.75	1.54	7.10	V
									V
									V
Middle	1672	-53.76	-13	-40.76	-68.33	-55.44	0.99	4.82	H
	2504	-45.44	-13	-32.44	-63.16	-47.4	1.29	5.40	H
	3344	-57.67	-13	-44.67	-78.83	-61.28	1.56	7.31	H
									H
									H
									H
									H
	1672	-56.17	-13	-43.17	-70.74	-57.85	0.99	4.82	V
	2504	-45.85	-13	-32.85	-63.57	-47.81	1.29	5.40	V
	3344	-57.47	-13	-44.47	-78.63	-61.08	1.56	7.31	V
									V
									V
									V
									V



Highest	1688	-53.33	-13	-40.33	-67.93	-54.96	1.00	4.77	H
	2536	-47.07	-13	-34.07	-64.95	-49.05	1.30	5.43	H
	3384	-57.69	-13	-44.69	-78.94	-61.46	1.57	7.49	H
									H
									H
									H
									H
	1688	-54.53	-13	-41.53	-69.13	-56.16	1.00	4.77	V
	2536	-46.37	-13	-33.37	-64.25	-48.35	1.30	5.43	V
	3384	-57.20	-13	-44.20	-78.45	-60.97	1.57	7.49	V
									V
									V
									V
									V

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

**Part27L WCDMA 1700**

WCDMA 1700									
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)
Lowest	3420	-52.68	-13	-39.68	-74.03	-58.75	1.58	7.65	H
	5130	-51.16	-13	-38.16	-78.22	-58.45	2.41	9.70	H
	6840	-46.88	-13	-33.88	-80.39	-54.85	2.64	10.61	H
									H
									H
									H
									H
	3420	-52.71	-13	-39.71	-74.06	-58.78	1.58	7.65	V
	5130	-49.36	-13	-36.36	-76.42	-56.65	2.41	9.70	V
	6840	-47.58	-13	-34.58	-81.09	-55.55	2.64	10.61	V
									V
									V
									V
									V
Middle	3462	-56.19	-13	-43.19	-77.68	-62.43	1.59	7.83	H
	5198	-50.38	-13	-37.38	-77.53	-57.63	2.45	9.70	H
	6924	-47.33	-13	-34.33	-81.05	-55.42	2.62	10.71	H
									H
									H
									H
									H
	3462	-56.49	-13	-43.49	-77.98	-62.73	1.59	7.83	V
	5198	-49.74	-13	-36.74	-76.97	-56.99	2.45	9.70	V
	6924	-47.42	-13	-34.42	-81.2	-55.51	2.62	10.71	V
									V
									V
									V
									V



Highest	3504	-55.40	-13	-42.40	-76.98	-61.8	1.61	8.00	H
	5256	-53.26	-13	-40.26	-80.61	-60.48	2.48	9.70	H
	7008	-46.63	-13	-33.63	-80.61	-54.86	2.59	10.82	H
									H
									H
									H
									H
	3504	-54.31	-13	-41.31	-75.89	-60.71	1.61	8.00	V
	5256	-52.43	-13	-39.43	-79.78	-59.65	2.48	9.70	V
	7008	-46.78	-13	-33.78	-80.79	-55.01	2.59	10.82	V
									V
									V
									V
									V

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

**Part24E WCDMA 1900**

WCDMA 1900									
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)
Lowest	3707	-57.36	-13	-44.36	-79.25	-63.94	1.67	8.25	H
	5555	-52.89	-13	-39.89	-81.02	-59.96	2.66	9.72	H
	7410	-46.44	-13	-33.44	-81.28	-55.6	2.46	11.62	H
									H
									H
									H
									H
	3707	-57.05	-13	-44.05	-78.94	-63.63	1.67	8.25	V
	5555	-52.96	-13	-39.96	-81.09	-60.03	2.66	9.72	V
	7410	-46.43	-13	-33.43	-81.27	-55.59	2.46	11.62	V
									V
									V
									V
									V
Middle	3763	-56.22	-13	-43.22	-78.21	-62.85	1.69	8.32	H
	5639	-52.04	-13	-39.04	-80.42	-59.09	2.71	9.76	H
	7522	-46.09	-13	-33.09	-81.17	-55.48	2.42	11.81	H
									H
									H
									H
									H
	3763	-56.13	-13	-43.13	-78.12	-62.76	1.69	8.32	V
	5639	-52.58	-13	-39.58	-80.96	-59.63	2.71	9.76	V
	7522	-46.17	-13	-33.17	-81.25	-55.56	2.42	11.81	V
									V
									V
									V
									V



Highest	3812	-56.52	-13	-43.52	-78.56	-63.19	1.70	8.37	H
	5723	-51.86	-13	-38.86	-80.51	-58.9	2.75	9.79	H
	7627	-45.46	-13	-32.46	-80.73	-54.95	2.39	11.88	H
									H
									H
									H
									H
	3812	-56.85	-13	-43.85	-78.89	-63.52	1.70	8.37	V
	5723	-50.96	-13	-37.96	-79.61	-58	2.75	9.79	V
	7627	-45.84	-13	-32.84	-81.11	-55.33	2.39	11.88	V
									V
									V
									V
									V

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