



RADIO EXPOSURE TEST REPORT

FCC ID : UDX-600119010
Equipment : LTE Gateway
Brand Name : CISCO
Model Name : MG41E-HW, MG41-HW
Applicant : Cisco Systems
170 West Tasman Drive, San Jose, CA 95134 USA
Manufacturer : Cisco Systems
170 West Tasman Drive, San Jose, CA 95134 USA
Standard : 47 CFR Part 2.1091

The product was received on Nov. 18, 2020, and testing was started from Nov. 27, 2020 and completed on Feb. 03, 2021. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in 47 CFR Part 2.1091 and shown 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. Hsinchu Laboratory, the test report shall not be reproduced except in full.



Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)



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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A1_1 Ver1.0



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
2	-	Exposure evaluation	PASS	-

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: Sam Chen

Report Producer: Wendy Pan



1 General Description

1.1 EUT General Information

RF General Information			
Evaluation Mode	TX Frequency (MHz)	RX Frequency (MHz)	Modulation Type
WCDMA Band 2	1852.4 ~ 1907.6	1932.4 ~ 1987.6	WCDMA: QPSK HSDPA: QPSK HSUPA: QPSK
WCDMA Band 4	1712.4 ~ 1752.6	2112.4 ~ 2152.6	
WCDMA Band 5	826.4 ~ 846.6	871.4 ~ 891.6	

RF General Information			
Evaluation Mode	TX Frequency (MHz)	RX Frequency (MHz)	Modulation Type
LTE Band 2	1850.7 ~ 1909.3	1930.7 ~ 1989.3	QPSK / 16QAM / 64QAM
LTE Band 4	1710.7 ~ 1754.3	2110.7 ~ 2154.3	
LTE Band 5	824.7 ~ 848.3	869.7 ~ 893.3	
LTE Band 7	2502.5 ~ 2567.5	2622.5 ~ 2687.5	
LTE Band 12	699.7 ~ 715.3	729.7 ~ 745.3	
LTE Band 13	779.5 ~ 784.5	748.5 ~ 753.5	
LTE Band 14	790.5 ~ 795.5	760.5 ~ 765.5	
LTE Band 17	706.5 ~ 713.5	736.5 ~ 743.5	
LTE Band 18	826.5 ~ 827.5	862.5 ~ 872.5	
LTE Band 19	832.5 ~ 842.5	877.5 ~ 887.5	
LTE Band 25	1850.7 ~ 1914.3	1930.7 ~ 1994.3	
LTE Band 26 (Part 22H)	824.7 ~ 848.3	869.7 ~ 893.3	
LTE Band 26 (Part 90S)	814.7 ~ 823.3	859.7 ~ 893.3	
LTE Band 29	-	717 ~ 728	
LTE Band 30	2307.5 ~ 2312.5	2352.5 ~ 2357.5	
LTE Band 38	2572.5 ~ 2617.5	2572.5 ~ 2617.5	
LTE Band 41	2572.5 ~ 2617.5	2302.5 ~ 2397.5	
LTE Band 48	3552.5 ~ 3697.5	3552.5 ~ 3697.5	
LTE Band 66	1710.7 ~ 1779.3	2110.7 ~ 2199.3	
LTE Band 71	665.5 ~ 695.5	619.5 ~ 649.5	



1.2 Antenna Information

Set	Ant.	Port		Brand	Model Name	Type	Connector	Antenna Gain (dBi)	Remark
1	1	1, Primary #0		CISCO	N/A	PIFA	I-PEX	Note 1	Internal
	2	2, Primary #1		CISCO	N/A	PIFA	I-PEX		
	3	3, Secondary #0		CISCO	N/A	PIFA	I-PEX		
	4	4, Secondary #1		CISCO	N/A	PIFA	I-PEX		
Set	Ant.	Port		Brand	Model Name	Type	Connector	Antenna Gain (dBi)	Remark
2	1	1, Primary #0	Up	CISCO	MA-ANT-C1-A	Dipole	Reversed-SMA	(Note 1) Set 2 doesn't support band 48.	External
	2	2, Secondary #1	Up	CISCO	MA-ANT-C1-A	Dipole	Reversed-SMA		
	3	3, Primary #1	Down	CISCO	MA-ANT-C1-A	Dipole	Reversed-SMA		
	4	4, Secondary #0	Down	CISCO	MA-ANT-C1-A	Dipole	Reversed-SMA		
3	1	1, Primary #0	Up	CISCO	MA-ANT-C1-B	Panel	Reversed-SMA	(Note 1) Set 3 doesn't support band 48.	External
	2	2, Secondary #1	Up	CISCO	MA-ANT-C1-B	Panel	Reversed-SMA		
	3	3, Primary #1	Down	CISCO	MA-ANT-C1-B	Panel	Reversed-SMA		
	4	4, Secondary #0	Down	CISCO	MA-ANT-C1-B	Panel	Reversed-SMA		



Note1:

Set	Band	Port	Antenna Gain (dBi)	Remark
1	WCDMA Band 2	1, Primary #0 TX, RX	2.81	1TX/2RX
		3, Secondary #0 RX	2.03	
	WCDMA Band 4	1, Primary #0 TX, RX	2.48	1TX/2RX
		3, Secondary #0 RX	2.59	
	WCDMA Band 5	1, Primary #0 TX, RX	1.04	1TX/2RX
		3, Secondary #0 RX	0.98	
	LTE Band 2	1, Primary #0 TX, RX	2.81	1TX/2RX: Port 1 (TX) / Port 1, 3 (RX) 1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX)
		2, Primary #1 RX	2.96	
		3, Secondary #0 RX	2.03	
		4, Secondary #1 RX	2.09	
	LTE Band 4	1, Primary #0 TX, RX	2.48	1TX/2RX: Port 1 (TX) / Port 1, 3 (RX) 1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX)
		2, Primary #1 RX	1.50	
		3, Secondary #0 RX	2.59	
		4, Secondary #1 RX	2.09	
	LTE Band 5	1, Primary #0 TX, RX	1.04	1TX/2RX
		3, Secondary #0 RX	0.98	
	LTE Band 7	2, Primary #1 TX, RX	2.67	1TX/2RX
		4, Secondary #1 RX	1.82	
	LTE Band 12	1, Primary #0 TX, RX	1.91	1TX/2RX
		3, Secondary #0 RX	1.02	
	LTE Band 13	1, Primary #0 TX, RX	1.33	1TX/2RX
		3, Secondary #0 RX	1.02	
	LTE Band 14	1, Primary #0 TX, RX	1.45	1TX/2RX
		3, Secondary #0 RX	0.7	
	LTE Band 17	1, Primary #0 TX, RX	1.91	1TX/2RX
		3, Secondary #0 RX	0.78	
	LTE Band 18	1, Primary #0 TX, RX	1.14	1TX/2RX
		3, Secondary #0 RX	1.12	
	LTE Band 19	1, Primary #0 TX, RX	1.04	1TX/2RX
		3, Secondary #0 RX	0.98	
	LTE Band 25	1, Primary #0 TX, RX	2.81	1TX/2RX: Port 1 (TX) / Port 1, 3 (RX) 1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX)
		2, Primary #1 RX	2.96	
		3, Secondary #0 RX	2.03	
		4, Secondary #1 RX	2.09	
	LTE Band 26	1, Primary #0 TX, RX	1.14	1TX/2RX
		3, Secondary #0 RX	1.12	
	LTE Band 30	2, Primary #1 TX, RX	2.48	1TX/2RX
		4, Secondary #1 RX	2.33	



Set	Band	Port	Antenna Gain (dBi)	Remark
1	LTE Band 38	2, Primary #1 TX, RX	2.67	1TX/2RX
		4, Secondary #1 RX	1.77	
	LTE Band 41	1, Primary #0 RX	2.61	1TX/2RX: Port 2 (TX) / Port 2, 4 (RX) 1TX/4RX: Port 2 (TX) / Port 1 ~ 4 (RX)
		2, Primary #1 TX, RX	2.67	
		3, Secondary #0 RX	2.85	
		4, Secondary #1 RX	1.82	
	LTE Band 48	2, Primary #1 TX, RX	1.09	1TX/2RX
		4, Secondary #1 RX	2.72	
	LTE Band 66	1, Primary #0 TX, RX	2.48	1TX/2RX: Port 1 (TX) / Port 1, 3 (RX) 1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX)
		2, Primary #1 RX	1.50	
		3, Secondary #0 RX	2.86	
		4, Secondary #1 RX	2.09	
	LTE Band 71	1, Primary #0 TX, RX	1.80	1TX/2RX
		3, Secondary #0 RX	1.02	



Set	Band	Port		Antenna Gain (dBi)	Cable Loss (dB)	True Gain (dBi)	Remark
2	WCDMA Band 2	1, Primary #0 TX, RX	Up	1.6	0.6	1.0	1TX/2RX
		4, Secondary #0 RX	Down	2.40	0.6	1.8	
	WCDMA Band 4	1, Primary #0 TX, RX	Up	2.10	0.6	1.5	1TX/2RX
		4, Secondary #0 RX	Down	2.00	0.6	1.4	
	WCDMA Band 5	1, Primary #0 TX, RX	Up	1.50	0.6	0.9	1TX/2RX
		4, Secondary #0 RX	Down	2.40	0.6	1.8	
	LTE Band 2	1, Primary #0 TX, RX	Up	1.6	0.6	1.0	1TX/2RX: Port 1 (TX) / Port 1, 4 (RX) 1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX)
		2, Secondary #1 RX	Up	1.4	0.7	0.7	
		3, Primary #1 RX	Down	2.40	0.9	1.5	
		4, Secondary #0 RX	Down	2.40	0.6	1.8	
	LTE Band 4	1, Primary #0 TX, RX	Up	2.10	0.6	1.5	1TX/2RX: Port 1 (TX) / Port 1, 4 (RX) 1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX)
		2, Secondary #1 RX	Up	1.8	0.7	1.1	
		3, Primary #1 RX	Down	1.0	0.9	0.1	
		4, Secondary #0 RX	Down	2.00	0.6	1.4	
	LTE Band 5	1, Primary #0 TX, RX	Up	1.50	0.6	0.9	1TX/2RX
		4, Secondary #0 RX	Down	2.40	0.6	1.8	
	LTE Band 7	2, Secondary #1 RX	Up	0.80	0.7	0.1	1TX/2RX
		3, Primary #1 TX, RX	Down	2.80	0.9	1.9	
	LTE Band 12	1, Primary #0 TX, RX	Up	1.20	0.6	0.6	1TX/2RX
		4, Secondary #0 RX	Down	1.80	0.6	1.2	
	LTE Band 13	1, Primary #0 TX, RX	Up	0.9	0.6	0.3	1TX/2RX
		4, Secondary #0 RX	Down	1.7	0.6	1.1	
	LTE Band 14	1, Primary #0 TX, RX	Up	1.1	0.6	0.5	1TX/2RX
		4, Secondary #0 RX	Down	2.00	0.6	1.4	
	LTE Band 17	1, Primary #0 TX, RX	Up	1.20	0.6	0.6	1TX/2RX
		4, Secondary #0 RX	Down	1.80	0.6	1.2	
	LTE Band 18	1, Primary #0 TX, RX	Up	1.50	0.6	0.9	1TX/2RX
		4, Secondary #0 RX	Down	2.4	0.6	1.8	
	LTE Band 19	1, Primary #0 TX, RX	Up	1.50	0.6	0.9	1TX/2RX
		4, Secondary #0 RX	Down	2.4	0.6	1.8	
	LTE Band 25	1, Primary #0 TX, RX	Up	1.60	0.6	1.0	1TX/2RX: Port 1 (TX) / Port 1, 4 (RX) 1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX)
		2, Secondary #1 RX	Up	1.40	0.7	0.7	
		3, Primary #1 RX	Down	2.40	0.9	1.5	
		4, Secondary #0 RX	Down	2.50	0.6	1.9	
	LTE Band 26	1, Primary #0 TX, RX	Up	1.50	0.6	0.9	1TX/2RX
		4, Secondary #0 RX	Down	2.40	0.6	1.8	
	LTE Band 30	2, Secondary #1 RX	Up	4.60	0.7	3.9	1TX/2RX
		3, Primary #1 TX, RX	Down	3.9	0.9	3.0	



Set	Band	Port		Antenna Gain (dBi)	Cable Loss (dB)	True Gain (dBi)	Remark
2	LTE Band 38	2, Secondary #1 RX	Up	0.80	0.7	0.1	1TX/2RX
		3, Primary #1 TX, RX	Down	1.40	0.9	0.5	
	LTE Band 41	1, Primary #0 RX	Up	2.90	0.6	2.3	1TX/2RX: Port 3 (TX) / Port 2, 3 (RX) 1TX/4RX: Port 3 (TX) / Port 1 ~ 4 (RX)
		2, Secondary #1 RX	Up	0.80	0.7	0.1	
		3, Primary #1 TX, RX	Down	2.90	0.9	2	
		4, Secondary #0 RX	Down	2.90	0.6	2.3	
	LTE Band 66	1, Primary #0 TX, RX	Up	2.1	0.6	1.5	1TX/2RX: Port 1 (TX) / Port 1, 4 (RX) 1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX)
		2, Secondary #1 RX	Up	1.80	0.7	1.1	
		3, Primary #1 RX	Down	1.50	0.9	0.6	
		4, Secondary #0 RX	Down	2.00	0.6	1.4	
	LTE Band 71	1, Primary #0 TX, RX	Up	0.90	0.6	0.3	1TX/2RX
		4, Secondary #0 RX	Down	1.70	0.6	1.1	

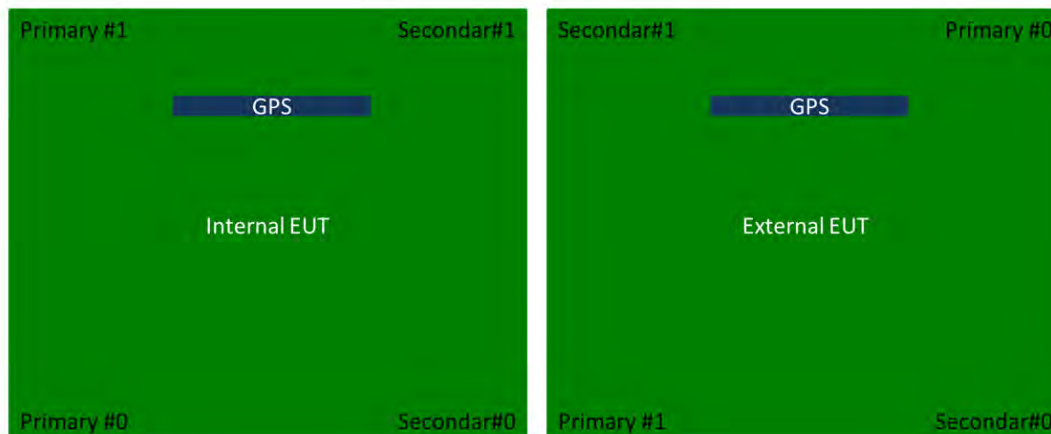


Set	Band	Port		Antenna Gain (dBi)	Cable Loss (dB)	True Gain (dBi)	Remark
3	WCDMA Band 2	1, Primary #0 TX, RX	Up	9.0	0.6	8.4	1TX/2RX
		4, Secondary #0 RX	Down	8.6	0.6	8	
	WCDMA Band 4	1, Primary #0 TX, RX	Up	5.9	0.6	5.3	1TX/2RX
		4, Secondary #0 RX	Down	8.3	0.6	7.7	
	WCDMA Band 5	1, Primary #0 TX, RX	Up	4.6	0.6	4	1TX/2RX
		4, Secondary #0 RX	Down	4.9	0.6	4.3	
	LTE Band 2	1, Primary #0 TX, RX	Up	9.0	0.6	8.4	1TX/2RX: Port 1 (TX) / Port 1, 4 (RX) 1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX)
		2, Secondary #1 RX	Up	8.6	0.7	7.9	
		3, Primary #1 RX	Down	9.0	0.9	8.1	
		4, Secondary #0 RX	Down	8.6	0.6	8	
	LTE Band 4	1, Primary #0 TX, RX	Up	5.9	0.6	5.3	1TX/2RX: Port 1 (TX) / Port 1, 4 (RX) 1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX)
		2, Secondary #1 RX	Up	8.3	0.7	7.6	
		3, Primary #1 RX	Down	5.9	0.9	5	
		4, Secondary #0 RX	Down	8.3	0.6	7.7	
	LTE Band 5	1, Primary #0 TX, RX	Up	4.6	0.6	4	1TX/2RX
		4, Secondary #0 RX	Down	4.9	0.6	4.3	
	LTE Band 7	2, Secondary #1 RX	Up	8.2	0.7	7.5	1TX/2RX
		3, Primary #1 TX, RX	Down	7.8	0.9	6.9	
	LTE Band 12	1, Primary #0 TX, RX	Up	3.6	0.6	3	1TX/2RX
		4, Secondary #0 RX	Down	4.3	0.6	3.7	
	LTE Band 13	1, Primary #0 TX, RX	Up	6.1	0.6	5.5	1TX/2RX
		4, Secondary #0 RX	Down	6.5	0.6	5.9	
	LTE Band 14	1, Primary #0 TX, RX	Up	6.10	0.6	5.5	1TX/2RX
		4, Secondary #0 RX	Down	6.50	0.6	5.9	
	LTE Band 17	1, Primary #0 TX, RX	Up	3.60	0.6	3	1TX/2RX
		4, Secondary #0 RX	Down	4.30	0.6	3.7	
	LTE Band 18	1, Primary #0 TX, RX	Up	5.5	0.6	4.9	1TX/2RX
		4, Secondary #0 RX	Down	5.9	0.6	5.3	
	LTE Band 19	1, Primary #0 TX, RX	Up	4.6	0.6	4	1TX/2RX
		4, Secondary #0 RX	Down	4.9	0.6	4.3	
	LTE Band 25	1, Primary #0 TX, RX	Up	9.0	0.6	8.4	1TX/2RX: Port 1 (TX) / Port 1, 4 (RX) 1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX)
		2, Secondary #1 RX	Up	8.6	0.7	7.9	
		3, Primary #1 RX	Down	9.0	0.9	8.1	
		4, Secondary #0 RX	Down	8.6	0.6	8	
	LTE Band 26	1, Primary #0 TX, RX	Up	5.5	0.6	4.9	1TX/2RX
		4, Secondary #0 RX	Down	5.9	0.6	5.3	
	LTE Band 30	2, Secondary #1 RX	Up	8.1	0.7	7.4	1TX/2RX
		3, Primary #1 TX, RX	Down	8.8	0.9	7.9	



Set	Band	Port		Antenna Gain (dBi)	Cable Loss (dB)	True Gain (dBi)	Remark
3	LTE Band 38	2, Secondary #1 RX	Up	8.2	0.7	7.5	1TX/2RX
		3, Primary #1 TX, RX	Down	7.8	0.9	6.9	
	LTE Band 41	1, Primary #0 RX	Up	7.8	0.6	7.2	1TX/2RX: Port 3 (TX) / Port 2, 3 (RX) 1TX/4RX: Port 3 (TX) / Port 1 ~ 4 (RX)
		2, Secondary #1 RX	Up	8.2	0.7	7.5	
		3, Primary #1 TX, RX	Down	7.8	0.9	6.9	
		4, Secondary #0 RX	Down	8.2	0.6	7.6	
	LTE Band 66	1, Primary #0 TX, RX	Up	7.2	0.6	6.6	1TX/2RX: Port 1 (TX) / Port 1, 4 (RX) 1TX/4RX: Port 1 (TX) / Port 1 ~ 4 (RX)
		2, Secondary #1 RX	Up	8.6	0.7	7.9	
		3, Primary #1 RX	Down	7.2	0.9	6.3	
		4, Secondary #0 RX	Down	8.6	0.6	8	
	LTE Band 71	1, Primary #0 TX	Up	3.3	0.6	2.7	1TX/2RX
		4, Secondary #0 RX	Down	4.0	0.6	3.4	

Note: The above information was declared by manufacturer.



1.3 Table for Multiple Listing

The EUT has two model names which are identical to each other in all aspects except for the following table:

EUT	Model Name	Antenna
EUT 1	MG41-HW	Internal antenna
EUT 2	MG41E-HW	External antenna (Equip with the below combination of antenna: 1. Set 2 antenna 2. Set 3 up + Set 3 down antenna)

Note: The above information was declared by manufacturer.

1.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter	Cisco	MA-PWR-30W-US	INPUT:100-240Vac~50-60Hz, 0.8A MAX OUTPUT: 12Vdc, 2.5A, 30W
Other			
Bracket*1			



1.5 Testing Location

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)
(TAF: 3787)	TEL: 886-3-656-9065 FAX: 886-3-656-9085
	Test site Designation No. TW3787 with FCC.
	Conformity Assessment Body Identifier (CABID) TW3787 with ISED.



2 Maximum Permissible Exposure

2.1 Limit of Maximum Permissible Exposure

(A) Limits for Occupational / Controlled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/ cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-3.0	614	1.63	*(100)	<6
3.0-30	1842/f	4.89/f	*(900/f ²)	<6
30-300	61.4	0.163	1.0	<6
300-1500	-	-	f/300	<6
1500-100,000	-	-	5	<6

(B) Limits for General Population / Uncontrolled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/ cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-1.34	614	1.63	*(100)	<30
1.34-30	824/f	2.19/f	*(180/f ²)	<30
30-300	27.5	0.073	0.2	<30
300-1500	-	-	f/1500	<30
1500-100,000	-	-	1.0	<30

Note: f = frequency in MHz ; *Plane-wave equivalent power density

2.2 MPE Calculation Method

The MPE was calculated at 20 cm to show compliance with the power density limit.

The following formula was used to calculate the Power Density:

$$E \text{ (V/m)} = \frac{\sqrt{30 \times P \times G}}{d} \quad \text{Power Density: } Pd \text{ (W/m}^2\text{)} = \frac{E^2}{377}$$

E = Electric field (V/m)

P = RF output power (W)

G = EUT Antenna numeric gain (numeric)

d = Separation distance between radiator and human body (m)

The formula can be changed to

$$Pd = \frac{30 \times P \times G}{377 \times d^2}$$



2.3 Calculated Result and Limit

Exposure Environment: General Population / Uncontrolled Exposure

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Tune-up EIRP (W)	Distance (cm)	S (mW/cm ²)	S Limit (mW/cm ²)
WCDMA Band 2	8.40	22.94	31.34	0.50	31.84	1.52757	20	0.30390	1.00000
WCDMA Band 4	4.00	23.43	27.43	0.50	27.93	0.62087	20	0.12352	1.00000
WCDMA Band 5	4.00	23.66	27.66	0.50	28.16	0.65464	20	0.13024	0.55667
LTE Band 2	8.40	22.30	30.70	0.50	31.20	1.31826	20	0.26226	1.00000
LTE Band 4	5.30	22.09	27.39	0.50	27.89	0.61518	20	0.12238	1.00000
LTE Band 5	4.00	22.70	26.70	0.50	27.20	0.52481	20	0.10441	0.56500
LTE Band 7	6.90	22.48	29.38	0.50	29.88	0.97275	20	0.19352	1.00000
LTE Band 12	3.00	21.97	24.97	0.50	25.47	0.35237	20	0.07010	0.47167
LTE Band 13	5.50	22.24	27.74	0.50	28.24	0.66681	20	0.13266	0.52133
LTE Band 14	5.50	22.44	27.94	0.50	28.44	0.69823	20	0.13891	0.52867
LTE Band 17	3.00	22.81	25.81	0.50	26.31	0.42756	20	0.08506	0.47400
LTE Band 18	4.90	23.17	28.07	0.50	28.57	0.71945	20	0.14313	0.55133
LTE Band 19	4.00	23.46	27.46	0.50	27.96	0.62517	20	0.12437	0.56167
LTE Band 25	8.40	21.62	30.02	0.50	30.52	1.12720	20	0.22425	1.00000
LTE Band 26 (Part 22H)	4.90	18.39	23.29	0.50	23.79	0.23933	20	0.04761	0.56267
LTE Band 26 (Part 90S)	4.90	23.34	28.24	0.50	28.74	0.74817	20	0.14884	0.54600
LTE Band 30	7.90	27.38	35.28	0.50	35.78	3.78443	20	0.75287	1.00000
LTE Band 38	6.90	23.03	29.93	0.50	30.43	1.10408	20	0.21964	6.90
LTE Band 41	7.20	23.33	30.53	0.50	31.03	1.26765	20	0.25219	1.00000
LTE Band 48	1.09	21.89	22.98	0.01	22.99	0.19907	20	0.03960	1.00000
LTE Band 66	6.60	22.09	28.69	0.50	29.19	0.82985	20	0.16509	1.00000
LTE Band 71	2.70	22.75	25.45	0.50	25.95	0.39355	20	0.07829	0.46200
LTE Band 5 2CA	4.00	21.12	25.12	0.50	25.62	0.36475	20	0.07256	0.56100
LTE Band 7 2CA	6.70	21.13	27.83	0.50	28.33	0.68077	20	0.13543	1.00000
LTE Band 38 2CA	6.90	15.98	22.88	0.50	23.38	0.21777	20	0.04332	1.00000
LTE Band 41 2CA	7.20	20.93	28.13	0.50	28.63	0.72946	20	0.14512	1.00000
CA_2A_5A	8.40	21.70	30.10	0.50	30.60	1.14815	20	0.22841	1.00000
CA_2A_12A	8.40	20.99	29.39	0.50	29.89	0.97499	20	0.19396	1.00000
CA_2A_13A	8.40	21.38	29.78	0.50	30.28	1.06660	20	0.21219	1.00000
CA_4A_7A	5.30	20.94	26.24	0.50	26.74	0.47206	20	0.09391	1.00000
CA_4A_12A	5.30	21.97	27.27	0.12	27.39	0.54828	20	0.10907	1.00000
CA_4A_13A	5.30	21.96	27.26	0.13	27.39	0.54828	20	0.10907	1.00000
CA_5A_66A	4.00	21.80	25.80	0.50	26.30	0.42658	20	0.08486	1.00000

—THE END—