



Test Report No.: SA170803W002



# RF EXPOSURE REPORT

**Product:** LTE Module

**Model Name:** ME3630-U1C

**FCC ID:** SRQ-ME3630

**Applicant:** ZTE Corporation

**Address:** ZTE Plaza, Keji Road South, Hi-Tech, Industrial Park,  
Nanshan District, Shenzhen, Guangdong, P.R.China

**Manufacturer:** ZTE Corporation

**Address:** ZTE Plaza, Keji Road South, Hi-Tech, Industrial Park,  
Nanshan District, Shenzhen, Guangdong, P.R.China

**Prepared by:** Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch

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**Report No.:** SA170803W002

**Received Date:** Jul. 15, 2016

**Test Date:** Jul. 15, 2016 ~ Jul. 26, 2016

**Issued Date:** Jul. 09, 2017

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**BUREAU**  
**VERITAS**

Test Report No.: SA170803W002

## RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
SA160714W002	Original release	Jul. 27, 2016
SA170803W002	Based on the original report SA160714W002 upgrading LTE category level from four to one by software and changing Flash & model name.	Jul. 09, 2017

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# 1 CERTIFICATION

**PRODUCT:** LTE Module

**BRAND NAME:** ZTE

**MODEL NAME:** ME3630-U1C

**APPLICANT:** ZTE Corporation

**TESTED:** Jul. 15, 2016 ~ Jul. 26, 2016

**TEST SAMPLE:** Identical Prototype

**STANDARDS:** **FCC Part 2 (Section 2.1091)**

**FCC OET Bulletin 65, Supplement C (01-01)**

**IEEE C95.1**

The above equipment has been tested by **Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch** and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

**PREPARED BY :** Harry, **DATE:** Jul. 09, 2017  
(Harry Li/ Engineer)

**APPROVED BY :** Sam Tung, **DATE:** Jul. 09, 2017  
( Sam Tung / Manager)



## 2 GENERAL INFORMATION

### 2.1 GENERAL DESCRIPTION OF EUT

<b>PRODUCT</b>	LTE Module	
<b>MODEL NAME</b>	ME3630-U1C	
<b>NOMINAL VOLTAGE</b>	3.8Vdc	
<b>OPERATING TEMPERATURE RANGE</b>	-30 ~ 75°C	
<b>MODULATION TYPE</b>	<b>WCDMA</b>	BPSK/QPSK
	<b>LTE</b>	QPSK, 16QAM
<b>OPERATING FREQUENCY</b>	<b>WCDMA</b>	1852.4MHz ~ 1907.6MHz (FOR WCDMA 1900) 826.4MHz ~ 846.6MHz (FOR WCDMA 850)
	<b>LTE</b>	1850MHz ~ 1910MHz (FOR LTE Band2) 1710MHz ~ 1755MHz (FOR LTE Band4) 824MHz ~ 849MHz (FOR LTE Band5) 699MHz ~ 716MHz (FOR LTE Band12) 704MHz ~ 716MHz (FOR LTE Band17)
<b>ANTENNA TYPE</b>	Other antenna	
<b>ANTENNA GAIN</b>	3.5dBi gain for WCDMA 850/ LTE Band 5/ LTE Band12/ LTE Band 17 4.8dBi gain for WCDMA 1900/ LTE Band 2/ LTE Band 4	
<b>HW Version</b>	ME3630-MB_A	
<b>SW Version</b>	ME3630U1CV1.0B01	
<b>I/O PORTS</b>	Refer to user's manual	
<b>DATA CABLE</b>	N/A	

**NOTE:**

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
2. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.



### 3 RF EXPOSURE

#### 3.1 LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

FREQUENCY RANGE (MHz)	ELECTRIC FIELD STRENGTH (V/m)	MAGNETIC FIELD STRENGTH (A/m)	POWER DENSITY (mW/cm <sup>2</sup> )	AVERAGE TIME (minutes)
<b>LIMITS FOR GENERAL POPULATION / UNCONTROLLED EXPOSURE</b>				
300-1500	...	...	F/1500	30
1500-100,000	...	...	1.0	30

F = Frequency in MHz

#### 3.2 MPE CALCULATION FORMULA

$$Pd = (Pout * G) / (4 * pi * r^2)$$

where

Pd = power density in mW/cm<sup>2</sup>

Pout = output power to antenna in mW

G = gain of antenna in linear scale

Pi = 3.1416

R = distance between observation point and center of the radiator in cm

#### 3.3 CLASSIFICATION

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user. So, this device is classified as **Module Approval**.



### 3.4 CONDUCTED POWER

Band	WCDMA II		
Channel	9262	9400	9538
Frequency (MHz)	1852.4	1880.0	1907.6
RMC 12.2K	22.85	22.67	22.63
HSPA			
HSDPA Subtest-1	21.55	21.33	21.33
HSDPA Subtest-2	21.50	21.31	21.28
HSDPA Subtest-3	21.02	20.85	20.80
HSDPA Subtest-4	20.99	20.81	20.77
HSUPA Subtest-1	21.66	21.69	21.71
HSUPA Subtest-2	19.85	19.88	19.84
HSUPA Subtest-3	20.84	20.85	20.83
HSUPA Subtest-4	19.72	19.75	19.66
HSUPA Subtest-5	21.79	21.75	21.78

Band	WCDMA V		
Channel	4132	4182	4233
Frequency (MHz)	826.4	836.4	846.6
RMC 12.2K	22.90	23.05	23.00
HSPA			
HSDPA Subtest-1	21.60	21.77	21.70
HSDPA Subtest-2	21.55	21.75	21.65
HSDPA Subtest-3	21.07	21.28	21.17
HSDPA Subtest-4	21.04	21.27	21.14
HSUPA Subtest-1	21.91	22.05	22.00
HSUPA Subtest-2	20.04	20.12	20.13
HSUPA Subtest-3	21.03	21.11	21.12
HSUPA Subtest-4	19.91	19.99	19.95
HSUPA Subtest-5	22.06	22.20	22.15



**LTE BAND 2**

LTE Band 2							
BW	Modulation	RB Size	RB Offset	Low CH 18607	Mid CH 18900	High CH 19193	3GPP MPR (dB)
				Frequency 1850.7 MHz	Frequency 1880 MHz	Frequency 1909.3 MHz	
1.4MHz	QPSK	1	0	21.69	21.92	21.82	0
		1	2	21.61	21.76	21.69	0
		1	5	21.51	21.72	21.52	0
		3	0	21.68	21.91	21.81	0
		3	1	21.60	21.75	21.68	0
		3	3	21.50	21.71	21.51	0
	16QAM	6	0	20.51	20.74	20.64	1
		1	0	20.61	20.76	20.69	1
		1	2	20.54	20.75	20.55	1
		1	5	20.43	20.66	20.56	1
		3	0	20.59	20.74	20.67	1
		3	1	20.52	20.73	20.53	1
		3	3	20.41	20.64	20.54	1
		6	0	19.54	19.69	19.62	2
BW	Modulation	RB Size	RB Offset	Low CH 18615	Mid CH 18900	High CH 19185	3GPP MPR (dB)
				Frequency 1851.5 MHz	Frequency 1880 MHz	Frequency 1908.5 MHz	
3 MHz	QPSK	1	0	21.72	21.95	21.85	0
		1	7	21.64	21.79	21.72	0
		1	14	21.54	21.75	21.55	0
		8	0	20.58	20.81	20.71	1
		8	3	20.62	20.77	20.70	1
		8	7	20.51	20.72	20.52	1
		15	0	20.54	20.77	20.67	1
	16QAM	1	0	20.64	20.79	20.72	1
		1	7	20.57	20.78	20.58	1
		1	14	20.46	20.69	20.59	1
		8	0	19.65	19.80	19.73	2
		8	3	19.49	19.70	19.50	2
		8	7	19.51	19.74	19.64	2
		15	0	19.57	19.72	19.65	2





LTE Band 2							
BW	Modulation	RB Size	RB Offset	Low CH 18625	Mid CH 18900	High CH 19175	3GPP MPR (dB)
				Frequency 1852.5 MHz	Frequency 1880 MHz	Frequency 1907.5 MHz	
5 MHz	QPSK	1	0	21.75	21.98	21.88	0
		1	12	21.67	21.82	21.75	0
		1	24	21.57	21.78	21.58	0
		12	0	20.61	20.84	20.74	1
		12	6	20.65	20.80	20.73	1
		12	13	20.54	20.75	20.55	1
		25	0	20.57	20.80	20.70	1
	16QAM	1	0	20.67	20.82	20.75	1
		1	12	20.60	20.81	20.61	1
		1	24	20.49	20.72	20.62	1
		12	0	19.68	19.83	19.76	2
		12	6	19.52	19.73	19.53	2
		12	13	19.54	19.77	19.67	2
		25	0	19.60	19.75	19.68	2
BW	Modulation	RB Size	RB Offset	Low CH 18650	Mid CH 18900	High CH 19150	3GPP MPR (dB)
				Frequency 1855 MHz	Frequency 1880 MHz	Frequency 1905 MHz	
10 MHz	QPSK	1	0	21.77	22.00	21.90	0
		1	24	21.69	21.84	21.77	0
		1	49	21.59	21.80	21.60	0
		25	0	20.63	20.86	20.76	1
		25	12	20.67	20.82	20.75	1
		25	25	20.56	20.77	20.57	1
		50	0	20.59	20.82	20.72	1
	16QAM	1	0	20.69	20.84	20.77	1
		1	24	20.62	20.83	20.63	1
		1	49	20.51	20.74	20.64	1
		25	0	19.70	19.85	19.78	2
		25	12	19.54	19.75	19.55	2
		25	25	19.56	19.79	19.69	2
		50	0	19.62	19.77	19.70	2



LTE Band 2							
BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH	3GPP MPR (dB)
				18675	18900	19125	
				Frequency	Frequency	Frequency	
				1857.5 MHz	1880 MHz	1902.5 MHz	
15 MHz	QPSK	1	0	21.80	22.03	21.93	0
		1	37	21.72	21.87	21.80	0
		1	74	21.62	21.83	21.63	0
		36	0	20.66	20.89	20.79	1
		36	19	20.70	20.85	20.78	1
		36	39	20.59	20.80	20.60	1
		75	0	20.62	20.85	20.75	1
	16QAM	1	0	20.72	20.87	20.80	1
		1	37	20.65	20.86	20.66	1
		1	74	20.54	20.77	20.67	1
		36	0	19.73	19.88	19.81	2
		36	19	19.57	19.78	19.58	2
		36	39	19.59	19.82	19.72	2
		75	0	19.65	19.80	19.73	2
BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH	3GPP MPR (dB)
				18700	18900	19100	
				Frequency	Frequency	Frequency	
				1860 MHz	1880 MHz	1900 MHz	
20MHz	QPSK	1	0	21.85	<b>22.08</b>	21.98	0
		1	50	21.77	21.92	21.85	0
		1	99	21.67	21.88	21.68	0
		50	0	20.71	20.94	20.84	1
		50	25	20.75	20.90	20.83	1
		50	50	20.64	20.85	20.65	1
		100	0	20.67	20.90	20.80	1
	16QAM	1	0	20.77	20.92	20.85	1
		1	50	20.70	20.91	20.71	1
		1	99	20.59	20.82	20.72	1
		50	0	19.78	19.93	19.86	2
		50	25	19.62	19.83	19.63	2
		50	50	19.64	19.87	19.77	2
		100	0	19.70	19.85	19.78	2



**LTE BAND 4**

LTE Band 4							
BW	Modulation	RB Size	RB Offset	Low CH 19957	Mid CH 20175	High CH 20393	MPR
				Frequency 1710.7 MHz	Frequency 1732.5 MHz	Frequency 1754.3 MHz	
1.4MHz	QPSK	1	0	21.44	21.65	21.73	0
		1	2	21.33	21.54	21.62	0
		1	5	21.32	21.53	21.61	0
		3	0	21.42	21.63	21.71	0
		3	1	21.31	21.52	21.60	0
		3	3	21.30	21.51	21.59	0
		6	0	20.41	20.62	20.70	1
	16QAM	1	0	20.39	20.60	20.68	1
		1	2	20.28	20.49	20.57	1
		1	5	20.27	20.48	20.56	1
		3	0	20.38	20.59	20.67	1
		3	1	20.27	20.48	20.56	1
		3	3	20.26	20.47	20.55	1
		6	0	19.36	19.57	19.65	2
BW	Modulation	RB Size	RB Offset	Low CH 19965	Mid CH 20175	High CH 20385	MPR
				Frequency 1711.5 MHz	Frequency 1732.5 MHz	Frequency 1753.5 MHz	
3 MHz	QPSK	1	0	21.45	21.66	21.74	0
		1	7	21.34	21.55	21.63	0
		1	14	21.33	21.54	21.62	0
		8	0	20.41	20.62	20.70	1
		8	3	20.32	20.53	20.61	1
		8	7	20.35	20.56	20.64	1
		15	0	20.42	20.63	20.71	1
	16QAM	1	0	20.40	20.61	20.69	1
		1	7	20.29	20.50	20.58	1
		1	14	20.28	20.49	20.57	1
		8	0	19.36	19.57	19.65	2
		8	3	19.27	19.48	19.56	2
		8	7	19.30	19.51	19.59	2
		15	0	19.37	19.58	19.66	2



LTE Band 4							
BW	Modulation	RB Size	RB Offset	Low CH 19975	Mid CH 20175	High CH 20375	MPR
				Frequency 1712.5 MHz	Frequency 1732.5 MHz	Frequency 1752.5 MHz	
5 MHz	QPSK	1	0	21.48	21.69	21.77	0
		1	12	21.37	21.58	21.66	0
		1	24	21.36	21.57	21.65	0
		12	0	20.44	20.65	20.73	1
		12	6	20.35	20.56	20.64	1
		12	13	20.38	20.59	20.67	1
		25	0	20.45	20.66	20.74	1
	16QAM	1	0	20.43	20.64	20.72	1
		1	12	20.32	20.53	20.61	1
		1	24	20.31	20.52	20.60	1
		12	0	19.39	19.60	19.68	2
		12	6	19.30	19.51	19.59	2
		12	13	19.33	19.54	19.62	2
		25	0	19.40	19.61	19.69	2
BW	Modulation	RB Size	RB Offset	Low CH 20000	Mid CH 20175	High CH 20350	MPR
				Frequency 1715 MHz	Frequency 1732.5 MHz	Frequency 1750 MHz	
10 MHz	QPSK	1	0	21.52	21.73	21.81	0
		1	24	21.41	21.62	21.70	0
		1	49	21.40	21.61	21.69	0
		25	0	20.48	20.69	20.77	1
		25	12	20.39	20.60	20.68	1
		25	25	20.42	20.63	20.71	1
		50	0	20.49	20.70	20.78	1
	16QAM	1	0	20.47	20.68	20.76	1
		1	24	20.36	20.57	20.65	1
		1	49	20.35	20.56	20.64	1
		25	0	19.43	19.64	19.72	2
		25	12	19.34	19.55	19.63	2
		25	25	19.37	19.58	19.66	2
		50	0	19.44	19.65	19.73	2



LTE Band 4							
BW	Modulation	RB Size	RB Offset	Low CH 20025	Mid CH 20175	High CH 20325	MPR
				Frequency 1717.5 MHz	Frequency 1732.5 MHz	Frequency 1747.5 MHz	
15 MHz	QPSK	1	0	21.58	21.79	21.87	0
		1	37	21.47	21.68	21.76	0
		1	74	21.46	21.67	21.75	0
		36	0	20.54	20.75	20.83	1
		36	19	20.45	20.66	20.74	1
		36	39	20.48	20.69	20.77	1
		75	0	20.55	20.76	20.84	1
	16QAM	1	0	20.53	20.74	20.82	1
		1	37	20.42	20.63	20.71	1
		1	74	20.41	20.62	20.70	1
		36	0	19.49	19.70	19.78	2
		36	19	19.40	19.61	19.69	2
		36	39	19.43	19.64	19.72	2
		75	0	19.50	19.71	19.79	2
BW	Modulation	RB Size	RB Offset	Low CH 20050	Mid CH 20175	High CH 20300	MPR
				Frequency 1720 MHz	Frequency 1732.5 MHz	Frequency 1745 MHz	
20MHz	QPSK	1	0	21.61	21.82	<b>21.90</b>	0
		1	50	21.50	21.71	21.79	0
		1	99	21.49	21.70	21.78	0
		50	0	20.57	20.78	20.86	1
		50	25	20.48	20.69	20.77	1
		50	50	20.51	20.72	20.80	1
		100	0	20.58	20.79	20.87	1
	16QAM	1	0	20.56	20.77	20.85	1
		1	50	20.45	20.66	20.74	1
		1	99	20.44	20.65	20.73	1
		50	0	19.52	19.73	19.81	2
		50	25	19.43	19.64	19.72	2
		50	50	19.46	19.67	19.75	2
		100	0	19.53	19.74	19.82	2



**LTE BAND 5**

Band/BW	Modulation	RB Size	RB Offset	Low CH 20407	Mid CH 20525	High CH 20643	3GPP MPR (dB)
				Frequency 824.7 MHz	Frequency 836.5 MHz	Frequency 848.3 MHz	
5/1.4	QPSK	1	0	23.05	22.87	22.99	0
		1	2	23.00	22.82	22.78	0
		1	5	22.83	22.73	22.69	0
		3	0	23.03	22.85	22.97	0
		3	1	22.98	22.80	22.76	0
		3	3	22.81	22.71	22.67	0
	16QAM	6	0	22.13	21.95	22.07	1
		1	0	22.16	21.98	21.94	1
		1	2	22.05	21.95	21.91	1
		1	5	22.04	21.86	21.98	1
		3	0	22.15	21.97	21.93	1
		3	1	22.04	21.94	21.90	1
		3	3	22.03	21.85	21.97	1
		6	0	21.11	20.93	20.89	2
Band/BW	Modulation	RB Size	RB Offset	Low CH 20415	Mid CH 20525	High CH 20635	3GPP MPR (dB)
				Frequency 825.5 MHz	Frequency 836.5 MHz	Frequency 847.5 MHz	
5/3	QPSK	1	0	23.09	22.91	23.03	0
		1	7	23.04	22.86	22.82	0
		1	14	22.87	22.77	22.73	0
		8	0	22.13	21.95	22.07	1
		8	3	22.12	21.94	21.90	1
		8	7	22.02	21.92	21.88	1
		15	0	22.17	21.99	22.11	1
	16QAM	1	0	22.20	22.02	21.98	1
		1	7	22.09	21.99	21.95	1
		1	14	22.08	21.90	22.02	1
		8	0	21.19	21.01	20.97	2
		8	3	21.19	21.09	21.05	2
		8	7	21.11	20.93	21.05	2
		15	0	21.15	20.97	20.93	2



Band/BW	Modulation	RB Size	RB Offset	Low CH 20425	Mid CH 20525	High CH 20625	3GPP MPR (dB)
				Frequency 826.5 MHz	Frequency 836.5 MHz	Frequency 846.5 MHz	
5/5	QPSK	1	0	23.15	22.97	23.09	0
		1	12	23.10	22.92	22.88	0
		1	24	22.93	22.83	22.79	0
		12	0	22.19	22.01	22.13	1
		12	6	22.18	22.00	21.96	1
		12	13	22.08	21.98	21.94	1
		25	0	22.23	22.05	22.17	1
	16QAM	1	0	22.26	22.08	22.04	1
		1	12	22.15	22.05	22.01	1
		1	24	22.14	21.96	22.08	1
		12	0	21.25	21.07	21.03	2
		12	6	21.25	21.15	21.11	2
		12	13	21.17	20.99	21.11	2
		25	0	21.21	21.03	20.99	2
Band/BW	Modulation	RB Size	RB Offset	Low CH 20450	Mid CH 20525	High CH 20600	3GPP MPR (dB)
				Frequency 829 MHz	Frequency 836.5 MHz	Frequency 844 MHz	
5/10	QPSK	1	0	23.18	23.00	23.12	0
		1	24	23.13	22.95	22.91	0
		1	49	22.96	22.86	22.82	0
		25	0	22.22	22.04	22.16	1
		25	12	22.21	22.03	21.99	1
		25	25	22.11	22.01	21.97	1
		50	0	22.26	22.08	22.20	1
	16QAM	1	0	22.29	22.11	22.07	1
		1	24	22.18	22.08	22.04	1
		1	49	22.17	21.99	22.11	1
		25	0	21.28	21.10	21.06	2
		25	12	21.28	21.18	21.14	2
		25	25	21.20	21.02	21.14	2
		50	0	21.24	21.06	21.02	2



**LTE BAND 12**

LTE Band 12							
BW	Modulation	RB Size	RB Offset	Low CH 23017	Mid CH 23095	High CH 23173	MPR
				Frequency 699.7 MHz	Frequency 707.5 MHz	Frequency 715.3 MHz	
1.4 MHz	QPSK	1	0	22.81	22.87	22.82	0
		1	2	22.79	22.81	22.77	0
		1	5	22.69	22.72	22.61	0
		3	0	22.79	22.85	22.80	0
		3	1	22.77	22.79	22.75	0
		3	3	22.67	22.70	22.59	0
		6	0	21.78	21.84	21.79	1
	16QAM	1	0	21.62	21.65	21.61	1
		1	2	21.59	21.62	21.51	1
		1	5	21.54	21.60	21.55	1
		3	0	21.61	21.64	21.60	1
		3	1	21.58	21.61	21.50	1
		3	3	21.53	21.59	21.54	1
		6	0	20.87	20.90	20.86	2
BW	Modulation	RB Size	RB Offset	Low CH 23025	Mid CH 23095	High CH 23165	MPR
				Frequency 700.5 MHz	Frequency 707.5 MHz	Frequency 714.5 MHz	
3 MHz	QPSK	1	0	22.85	22.91	22.86	0
		1	7	22.83	22.85	22.81	0
		1	14	22.73	22.76	22.65	0
		8	0	21.97	22.03	21.98	1
		8	3	21.96	21.99	21.95	1
		8	7	21.95	21.98	21.87	1
		15	0	21.82	21.88	21.83	1
	16QAM	1	0	21.66	21.69	21.65	1
		1	7	21.63	21.66	21.55	1
		1	14	21.58	21.64	21.59	1
		8	0	20.81	20.84	20.80	2
		8	3	20.96	20.99	20.88	2
		8	7	20.95	21.01	20.96	2
		15	0	20.91	20.94	20.90	2





LTE Band 12							
BW	Modulation	RB Size	RB Offset	Low CH 23035	Mid CH 23095	High CH 23155	MPR
				Frequency 701.5 MHz	Frequency 707.5 MHz	Frequency 713.5 MHz	
5 MHz	QPSK	1	0	22.91	22.97	22.92	0
		1	12	22.89	22.91	22.87	0
		1	24	22.79	22.82	22.71	0
		12	0	22.03	22.09	22.04	1
		12	6	22.02	22.05	22.01	1
		12	13	22.01	22.04	21.93	1
		25	0	21.88	21.94	21.89	1
	16QAM	1	0	21.72	21.75	21.71	1
		1	12	21.69	21.72	21.61	1
		1	24	21.64	21.70	21.65	1
		12	0	20.87	20.90	20.86	2
		12	6	21.02	21.05	20.94	2
		12	13	21.01	21.07	21.02	2
		25	0	20.97	21.00	20.96	2
BW	Modulation	RB Size	RB Offset	Low CH 23060	Mid CH 23095	High CH 23130	MPR
				Frequency 704 MHz	Frequency 707.5 MHz	Frequency 711 MHz	
10 MHz	QPSK	1	0	22.94	<b>23.00</b>	22.95	0
		1	24	22.92	22.94	22.90	0
		1	49	22.82	22.85	22.74	0
		25	0	22.06	22.12	22.07	1
		25	12	22.05	22.08	22.04	1
		25	25	22.04	22.07	21.96	1
		50	0	21.91	21.97	21.92	1
	16QAM	1	0	21.75	21.78	21.74	1
		1	24	21.72	21.75	21.64	1
		1	49	21.67	21.73	21.68	1
		25	0	20.90	20.93	20.89	2
		25	12	21.05	21.08	20.97	2
		25	25	21.04	21.10	21.05	2
		50	0	21.00	21.03	20.99	2



**LTE BAND 17**

LTE Band 17							
BW	Modulation	RB Size	RB Offset	Low CH 23755	Mid CH 23790	High CH 23825	MPR
				Frequency 706.5 MHz	Frequency 710 MHz	Frequency 713.5 MHz	
5 MHz	QPSK	1	0	22.42	22.46	22.37	0
		1	12	22.37	22.23	22.21	0
		1	24	22.33	22.14	22.12	0
		12	0	21.37	21.41	21.34	1
		12	6	21.35	21.40	21.32	1
		12	13	21.34	21.30	21.27	1
		25	0	21.30	21.33	21.25	1
	16QAM	1	0	21.23	21.25	21.22	1
		1	12	21.18	21.20	21.17	1
		1	24	20.96	21.18	21.14	1
		12	0	20.22	20.26	20.20	2
		12	6	20.64	20.66	20.60	2
		12	13	20.30	20.34	20.31	2
		25	0	20.33	20.35	20.31	2
BW	Modulation	RB Size	RB Offset	Low CH 23780	Mid CH 23790	High CH 23800	MPR
				Frequency 709 MHz	Frequency 710 MHz	Frequency 711 MHz	
10 MHz	QPSK	1	0	22.46	<b>22.50</b>	22.41	0
		1	24	22.41	22.27	22.25	0
		1	49	22.37	22.18	22.16	0
		25	0	21.41	21.45	21.38	1
		25	12	21.39	21.44	21.36	1
		25	25	21.38	21.34	21.31	1
		50	0	21.34	21.37	21.29	1
	16QAM	1	0	21.27	21.29	21.26	1
		1	24	21.22	21.24	21.21	1
		1	49	21.00	21.22	21.18	1
		25	0	20.26	20.30	20.24	2
		25	12	20.68	20.70	20.64	2
		25	25	20.34	20.38	20.35	2
		50	0	20.37	20.39	20.35	2



### 3.5 CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

#### WCDMA

Band	Frequency (MHz)	Operating Mode	Antenna Gain (dBi)	Conducted Average Power (dBm)	E.I.R.P Power (mW)	Power Density (mW/cm <sup>2</sup> )	limit (mW/cm <sup>2</sup> )	PASS / FAIL
WCDMA V	836.4	RMC12.2K	3.5	23.05	451.856	0.090	0.56	PASS
WCDMA II	1852.4	RMC12.2K	4.8	22.85	582.103	0.116	1.00	PASS

#### LTE

Band	Frequency (MHz)	Operating Mode	Antenna Gain (dBi)	Conducted Average Power (dBm)	E.I.R.P Power (mW)	Power Density (mW/cm <sup>2</sup> )	limit (mW/cm <sup>2</sup> )	PASS / FAIL
Band2	1880.0	QPSK	4.8	22.08	487.528	0.097	1.00	PASS
Band4	1745.0	QPSK	4.8	21.90	467.735	0.093	1.00	PASS
Band5	829.0	QPSK	3.5	23.18	465.586	0.093	0.55	PASS
Band12	707.5	QPSK	3.5	23.00	446.684	0.089	0.47	PASS
Band17	710.0	QPSK	3.5	22.50	398.107	0.079	0.47	PASS