

3.3 OCCUPIED BANDWIDTH MEASUREMENT

3.3.1 LIMITS OF OCCUPIED BANDWIDTH MEASUREMENT

The width of a frequency band is such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage. 0.5 % of the total mean power of a given emission.

3.3.2 TEST SETUP



3.3.3 TEST PROCEDURES

- a. The conducted occupied bandwidth used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer.
- b. Use OBW measurement function of Spectrum analyzer to measure 99 % occupied bandwidth.



3.3.4 TEST RESULTS

Please Refer to Appendix Of this test report.



3.4 BAND EDGE MEASUREMENT

3.4.1 LIMITS OF BAND EDGE MEASUREMENT

According to FCC 27.53(c) specified that For operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.In addition, the power of any unwanted emission in a 6.25kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power,P(dBW),by at least 65 +10log10p(P),dB,for mobile and portable equipment.

According to FCC 27.53(h) specified that For operations in the 1710-1755 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. However, in the 1-megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

According to FCC 27.53(m)(4) specified that For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS or EBS licensees. For mobile digital stations, in the 1-megahertz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed.



3.4.2 TEST SETUP





- 3.4.3 TEST PROCEDURES
- a) All measurements were done at low and high operational frequency range.
- b) Connect the transmitter to the spectrum analyzer via coaxial cable while ensuring proper impedance matching.
- c) Tune the analyzer to the nominal center frequency of the emission bandwidth (EBW)
- d) .Set the resolution bandwidth (RBW) ≥ 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
- e) Beyond the 1MHz band from the band edge, RBW=1MHz was used.
- f) Set the video bandwidth (VBW) to $\geq 3 \times RBW$.
- g) Select the average power (RMS) display detector.
- h) Set the number of measurement points to \geq 1001.
- i) Use auto-coupled sweep time.
- j) Perform the measurement over an interval of time when the transmission is continuous and at its maximum power level.
- k) The RF fundamental frequency should be excluded against the limit line in the operating frequency band and use RBW is 10KHz or 30/100KHz.
- I) Record the max trace plot into the test report.



3.4.4 TEST RESULTS

Please Refer to Appendix Of this test report.



3.5 CONDUCTED SPURIOUS EMISSIONS

3.5.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P) dB$. The emission limit is equal to -13 dBm.

For: LTE Band7

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least 55 +10 log10(P) dB. The limit of emission is equal to -25dBm.

3.5.2 TEST PROCEDURE

- a. The EUT makes a phone call to the communication simulator. All measurements were done at low, middle, and high operational frequency range.
- Measuring frequency range is from 9kHz up to a frequency including its 10th harmonic. 10dB attenuation pad is connected with spectrum. RBW=1MHz and VBW=3MHz are used for conducted emission measurement.

3.5.3 TEST SETUP





3.5.4 TEST RESULTS

NOTE : The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

Please Refer to Appendix Of this test report.



3.6 RADIATED EMISSION MEASUREMENT

3.6.1 LIMITS OF RADIATED EMISSION MEASUREMENT

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P) dB$. The emission limit is equal to -13dBm. and For operations in the 746–758 MHz, 775–788 MHz, and 805–806 MHz bands, emissions in the band 1559–1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

For: LTE Band7

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least 55 +10 log10(P) dB. The limit of emission is equal to -25dBm.

3.6.2 TEST PROCEDURES

- a. The substitute method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The substitution horn antenna is substituted for EUT at the same position and signals generator exports the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved the receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value " of step a. Record the power level of S.G.
- c. EIRP = Output power level of S.G TX cable loss + Antenna gain of substitution horn.
- d. E.R.P power can be calculated from E.I.R.P power by subtracting the gain of dipole, E.R.P power = E.I.P.R power - 2.15dBi.

NOTE: The resolution bandwidth of spectrum analyzer is 1 MHz, and the video bandwidth is 3 MHz.



3.6.3 DEVIATION FROM TEST STANDARD

No deviation



3.6.4 TEST SETUP

< Frequency Range below 30MHz >



< Frequency Range 30MHz~1GHz >



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<Frequency Range above 1GHz>



Note: Above 1G is a directional antenna depends on the EUT height and the antenna 3dB beamwidth both, refer to section 7.3 of CISPR 16-2-3.

For the actual test configuration, please refer to the attached file (Test Setup Photo).



3.6.5 TEST RESULTS

NOTE : The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

BELOW 1GHz WORST-CASE DATA

30 MHz – 1GHz data: LTE Band 13(Ant0) (UP):

QPSK

MODE	TX channel 23205	FREQUENCY RANGE	Below 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY	Jace Hu				
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M					

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m	i i	
1	52.310	-69.48	-52.11	-13.00	-56.48	-17.37	Peak	Horizontal
2	89.170	-69.37	-48.38	-13.00	-56.37	-20.99	Peak	Horizontal
3	186.170	-61.55	-43.05	-13.00	-48.55	-18.50	Peak	Horizontal
4 P	254.070	-46.96	-35.43	-13.00	-33.96	-11.53	Peak	Horizontal
5	345.250	-62.46	-51.10	-13.00	-49.46	-11.36	Peak	Horizontal
6	581.930	-65.89	-61.09	-13.00	-52.89	-4.80	Peak	Horizontal



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MODE	TX channel 23205	FREQUENCY RANGE	Below 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBm/m	dBm	dBm/m	dB	dB/m	_	
1	33.880	-69.35	-49.59	-13.00	-56.35	-19.76	Peak	Vertical
2 PP	100.810	-58.74	-52.04	-13.00	-45.74	-6.70	Peak	Vertical
3	256.980	-58.91	-45.70	-13.00	-45.91	-13.21	Peak	Vertical
4	351.070	-66.26	-56.37	-13.00	-53.26	-9.89	Peak	Vertical
5	438.370	-68.79	-60.14	-13.00	-55.79	-8.65	Peak	Vertical
5	554.770	-66.96	-59.94	-13.00	-53.96	-7.02	Peak	Vertical





ABOVE 1GHz

Note: For higher frequency, the emission is too low to be detected.

WCDMA Band IV(Ant0) (UP):

MODE	TX channel 1312 FREQUENCY		Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						





MODE	TX channel 1312 FREQUENCY RANGE		Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						





MODE	TX channel 1413 FREQUENCY RANGE		Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M						







MODE	TX channel 1413 FREQUENCY RANGE		Above 1000MHz			
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

		Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
		MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1		3465.000	-52.03	-59.29	-13.00	-39.03	7.26	Peak	Vertical
2	PP	5197.800	-49.06	-59.51	-13.00	-36.06	10.45	Peak	Vertical





MODE	TX channel 1513 FREQUENCY RANGE		Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M					







4400.

MODE	TX channel 1513	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M					



7800. 11200. Frequency (MHz)

18000

14600.



LTE Band 7(Ant0) (UP): CHANNEL BANDWIDTH: 5MHz / QPSK

MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M					





MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY	Jace Hu				
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M					





CHANNEL BANDWIDTH: 10MHz / QPSK

MODE	TX channel 20800	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M					



		1911	Frequen	CY (MHz)		
-100	000	6200.	11400.	16600.	21800.	27000
100					1 1	
-90			1			
00	1.0.0	A. L. A. E. A. B. A. B.			1	3
					1 1	1



MODE	TX channel 20800	FREQUENCY RANGE	Above 1000MHz	
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ	
TESTED BY	Jace Hu			
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M				





MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz	
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ	
TESTED BY	Jace Hu			
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M				





MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz	
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ	
TESTED BY	Jace Hu			
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M				





MODE	TX channel 21400	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY	Jace Hu				
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M					





MODE	TX channel 21400	FREQUENCY RANGE	Above 1000MHz	
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ	
TESTED BY	Jace Hu			
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M				





CHANNEL BANDWIDTH: 15MHz / QPSK

MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz	
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ	
TESTED BY Jace Hu				
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M				

		Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	1	MHz	dBm/m	dBm	dBm/m	dB	dB/m		
1	PP	5082.000	-50.37	-60.19	-25.00	-25.37	9.82	Peak	Horizontal
2		7605.000	-51.72	-63.90	-25.00	-26.72	12.18	Peak	Horizontal





MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY	Jace Hu				
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M					







CHANNEL BANDWIDTH: 20MHz / QPSK

MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	TESTED BY Jace Hu						
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M							







MODE	TX channel 21100	FREQUENCY RANGE	Above 1000MHz		
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ		
TESTED BY	Jace Hu				
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M					

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
1	MHz	dBm/m	dBm	dBm/m	dB	dB/m	-	
	5082.000	-49.56	-59.90	-25.00	-24.56	10.34	Peak	Vertical
pp	7605.000	-47.75	-62.60	-25.00	-22.75	14.85	Peak	Vertical
p	p	Freq MHz 5082.000 PP 7605.000	Freq Level MHz dBm/m 5082.000 -49.56 P 7605.000 -47.75	Kead Freq Level MHz dBm/m dBm 5082.000 -49.56 -59.90 P 7605.000 -47.75 -62.60	Read Limit Freq Level Line MHz dBm/m dBm dBm/m 5082.000 -49.56 -59.90 -25.00 P 7605.000 -47.75 -62.60 -25.00	Read Limit Over Freq Level Level Line Limit MHz dBm/m dBm dBm/m dB 5082.000 -49.56 -59.90 -25.00 -24.56 P 7605.000 -47.75 -62.60 -25.00 -22.75	Read Limit Over Freq Level Line Limit Factor MHz dBm/m dBm dBm/m dB dB/m 5082.000 -49.56 -59.90 -25.00 -24.56 10.34 P 7605.000 -47.75 -62.60 -25.00 -22.75 14.85	Read Limit Over Freq Level Line Limit Factor Remark MHz dBm/m dBm dBm/m dB dB/m 5082.000 -49.56 -59.90 -25.00 -24.56 10.34 Peak P 7605.000 -47.75 -62.60 -25.00 -22.75 14.85 Peak





LTE B13(Ant0) (UP):

CHANNEL BANDWIDTH: 5MHz / QPSK

MODE	TX channel 23205	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	TESTED BY Jace Hu						
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M							

		Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	1	MHz	dBm/m	dBm	dBm/m	dB	dB/m	1	2
1	PP	1559.000	-52.46	-52.51	-40.00	-12.46	0.05	Peak	Horizontal
2		2337.000	-54.32	-59.17	-13.00	-41.32	4.85	Peak	Horizontal





MODE	TX channel 23205	FREQUENCY RANGE Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ			
TESTED BY	TESTED BY Jace Hu					
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M						

		Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	1	MHz	dBm/m	dBm	dBm/m	dB	dB/m	1	
1	PP	1560.000	-54.67	-55.07	-40.00	-14.67	0.40	Peak	Vertical
2		2338.500	-53.43	-57.93	-13.00	-40.43	4.50	Peak	Vertical





/125255							
MODE	TX channel 23230	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS 23deg. C, 70%RH		INPUT POWER	AC 120V/60HZ				
TESTED BY	TESTED BY Jace Hu						
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M							

		Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Po1/Phase	
	1	MHz	d8m/m	dBm	dBm/m	dB	dB/m	F		
1	PP	1567.000	-55.44	-55.56	-40.00	-15.44	0.12	Peak	Horizontal	
2		2346.000	-54.40	-59.28	-13.00	-41.40	4.88	Peak	Horizontal	





MODE	TX channel 23230	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	TESTED BY Jace Hu						
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M							





01123233							
MODE	TX channel 23255	FREQUENCY RANGE	Above 1000MHz				
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ				
TESTED BY	TESTED BY Jace Hu						
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M							

		Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	1	MHz	dBm/m	dBm	dBm/m	dB	dB/m	-	
1	PP	1567.000	-53.99	-54.11	-40.00	-13.99	0.12	Peak	Horizontal
2		2353.500	-53.68	-58.59	-13.00	-40.68	4.91	Peak	Horizontal





MODE	TX channel 23255	FREQUENCY RANGE	Above 1000MHz	
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ	
TESTED BY	Jace Hu			
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M				





CHANNEL BANDWIDTH: 10MHz /QPSK

MODE	TX channel 23230	FREQUENCY RANGE	Above 1000MHz	
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ	
TESTED BY	Jace Hu			
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M				





MODE	TX channel 23230	FREQUENCY RANGE	Above 1000MHz	
ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH	INPUT POWER	AC 120V/60HZ	
TESTED BY	Jace Hu			
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M				





3.7 PEAK TO AVERAGE RATIO

3.7.1 LIMITS OF PEAK TO AVERAGE RATIO MEASUREMENT

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB.

3.7.2 TEST SETUP



3.7.3 TEST PROCEDURES

- 1. Set resolution/measurement bandwidth \geq signal's occupied bandwidth.
- 2. Set the number of counts to a value that stabilizes the measured CCDF curve.
- 3. Record the maximum PAPR level associated with a probability of 0.1%.



3.7.4 TEST RESULTS

Please Refer to Appendix Of this test report.



4 PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).



5 INFORMATION ON THE TESTING LABORATORIES

We, BV 7LAYERS COMMUNICATIONS TECHNOLOGY (SHENZHEN) CO. LTD., were founded in 2015 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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The address and road map of all our labs can be found in our web site also.



6 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.



7 APPENDIX

WCDMA BAND4

PEAK-TO-AVERAGE RATIO

Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band4	1312	2.86	13	PASS
Band4	1413	2.91	13	PASS
Band4	1513	2.7	13	PASS