

**Radiated emissions:****MS Allocated a channel**

WCDMA2100 (Pre-test with low, middle, high channel, the worst case as below)

Idle Mode

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	RxAntenna		Substituted			Absolute Level (dBm)	EN 301908-1	
			Height (m)	Polar (H/V)	SG Level (dBm)	Cable Loss (dB)	Antenna Gain (dB)		Limit (dBm)	Margin (dB)
124.13	31.26	312	1.6	H	-65.6	0.26	0	-65.86	-57	-8.86
146.89	33.86	336	1.2	V	-65.5	0.26	0	-65.76	-57	-8.76
4180.00	35.09	152	2.2	H	-61.2	1.50	6.20	-56.50	-47	-9.50
3076.00	35.81	88	1.6	V	-62.8	1.50	6.20	-58.10	-47	-11.1

Traffic Mode

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	RxAntenna		Substituted			Absolute Level (dBm)	EN 301908-1	
			Height (m)	Polar (H/V)	SG Level (dBm)	Cable Loss (dB)	Antenna Gain (dB)		Limit (dBm)	Margin (dB)
124.13	33.14	286	2.1	H	-61.6	0.26	0	-61.86	-36	-25.86
124.13	33.96	82	2.6	V	-63.2	0.26	0	-63.46	-36	-27.46
3844.00	36.36	198	2.3	H	-48.3	2.20	9.90	-40.60	-30	-10.60
3844.00	35.22	120	1.6	V	-52.8	2.20	9.90	-45.10	-30	-15.10
5764.00	33.86	286	1.5	H	-46.8	2.40	10.40	-38.80	-30	-8.80
5764.00	36.58	98	2.8	V	-46.2	2.40	10.40	-38.20	-30	-8.20

WCDMA900 (Pre-test with low, middle, high channel, the worst case as below)

Idle Mode

Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	RxAntenna		Substituted			Absolute Level (dBm)	EN 301908-1	
			Height (m)	Polar (H/V)	SG Level (dBm)	Cable Loss (dB)	Antenna Gain (dB)		Limit (dBm)	Margin (dB)
128.0	31.46	186	1.2	H	-62.8	0.26	0	-63.06	-57	-6.06
128.0	33.08	298	1.8	V	-66.2	0.26	0	-66.46	-57	-9.46
1198.8	32.56	321	1.6	H	-64.5	1.50	6.20	-59.80	-47	-12.80
1198.8	32.48	138	2.6	V	-61.7	1.50	6.20	-57.00	-47	-10.00

Traffic Mode

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



Frequency (MHz)	Receiver Reading (dBμV)	Turntable Angle Degree	Rx Antenna		Substituted			Absolute Level (dBm)	EN 301908-1	
			Height (m)	Polar (H/V)	SG Level (dBm)	Cable Loss	Antenna Gain		Limit (dBm)	Margin (dB)
128.0	31.89	88	2.7	H	-63.8	0.23	0	-64.03	-36	-28.03
128.0	30.76	156	1.5	V	-61.3	0.22	0	-61.52	-36	-25.52
1698.6	32.19	36	1.2	H	-62.2	1.45	7.10	-56.55	-30	-26.55
1698.6	33.68	186	2.0	V	-54.8	1.42	7.10	-49.12	-30	-19.12
2789.6	32.69	26	2.4	H	-58.8	1.17	9.30	-50.67	-30	-20.67
2789.6	33.68	286	2.3	V	-61.9	1.16	9.30	-53.76	-30	-23.76

Note: 1) Absolute Level = SG Level - Cable Loss + Antenna Gain

2) Margin = Absolute Level - Limit

Note: The other emission levels are very lower than the limit and not show in test report.

Control and monitoring functions :

For $ \Delta f $ Within the Range (MHz)	1st	2nd	3rd	4th	Limit	Result
WCDMA (FDD band I) Tx (1920 MHz ~1980 MHz) Transmit and(dBm/1MHz)	-46.13	-47.38	-47.12	-45.91	-30	PASS

For $ \Delta f $ Within the Range (MHz)	1st	2nd	3rd	4th	Limit	Result
WCDMA (FDD band VIII) TX 880 MHz ~915 MHz Transmit and(dBm/1MHz)	-48.12	-47.45	-46.41	-47.16	-30	PASS





Receiver spurious response:

Remark: Test data see the Section 'Out-band Blocking Test'.



Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street,
Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity