

Radiated emissions:

MS Allocated a channel

(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)
165.05	31.16	312	1.6	H	-65.8	0.26	0	-66.06	-57	-9.06
922.76	33.66	336	1.2	V	-65.6	0.26	0	-65.86	-57	-8.86
1680.38	34.89	152	2.2	H	-61.4	1.50	6.20	-56.70	-47	-9.70
2512.93	35.61	88	1.6	V	-62.9	1.50	6.20	-58.20	-47	-11.20

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)
64.77	33.04	286	2.1	H	-61.9	0.26	0	-62.16	-36	-26.16
64.77	33.76	82	2.6	V	-63.6	0.26	0	-63.86	-36	-27.86
2514.06	36.16	198	2.3	H	-48.6	2.20	9.90	-40.90	-30	-10.90
2514.06	35.02	120	1.6	V	-53.1	2.20	9.90	-45.40	-30	-15.40
3346.23	33.66	286	1.5	H	-47.1	2.40	10.40	-39.10	-30	-9.10
3346.23	36.48	98	2.8	V	-46.5	2.40	10.40	-38.50	-30	-8.50

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 V) Tx (824 MHz ~849 MHz) Transmit and(dBm/1MHz)	-48.21	-46.37	-46.86	-44.93	-30	PASS

Receiver spurious response:

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

Out-band Blocking Test

WCDMA Band V				
Parameter	Unit	Frequency range 1	Frequency range 2	Frequency range 3
Blocking (cw)	dBm	-44	-30	-15
FuW	MHz	2050<f <2095	2025 <f ≤2050	1< f ≤2025
		2185<f <2230	2230 ≤f <2255	2255≤f<12750
Spurious Response Frequencies	MHz	NO	NO	NO
BER	%	0	0	0
Limit	%	0.1	0.1	0.1
Result		Pass	Pass	Pass