

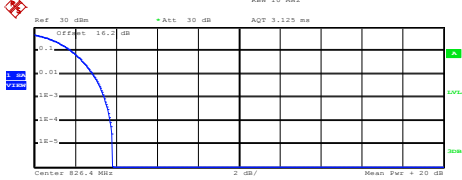
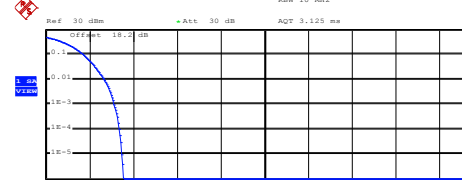
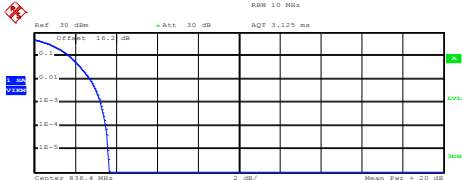
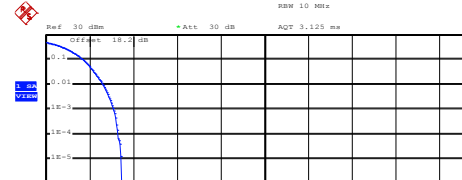
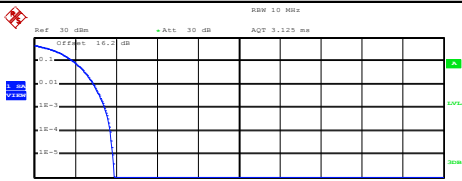
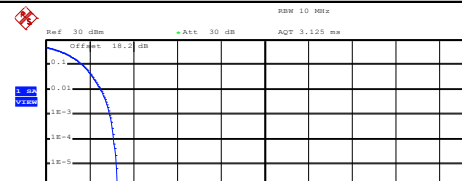


A2. WCDMA

Peak-to-Average Ratio

Mode	WCDMA Band V	WCDMA Band II	Limit: 13dB
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	Result
Lowest CH	3.44	3.12	PASS
Middle CH	3.24	3.12	
Highest CH	3.44	2.92	



WCDMA Band V (RMC 12.2Kbps)	WCDMA Band II (RMC 12.2Kbps)
Lowest Channel	Lowest Channel
 Ref: 30 dBm Offset: 16.2 dB Att: 30 dB AQT: 3.125 ms Center: 826.4 MHz 2 dB/ Mean Pwr: +20 dB Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean: 22.40 dBm Peak: 26.23 dBm Crest: 3.83 dB 10 %: 1.80 dB 1 %: 2.88 dB .1 %: 3.44 dB .01 %: 3.72 dB Date: 7.SEP.2015 11:51:02	 Ref: 30 dBm Offset: 18.2 dB Att: 30 dB AQT: 3.125 ms Center: 1.8524 GHz 2 dB/ Mean Pwr: +20 dB Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean: 23.54 dBm Peak: 27.08 dBm Crest: 3.54 dB 10 %: 1.72 dB 1 %: 2.68 dB .1 %: 3.12 dB .01 %: 3.36 dB Date: 7.SEP.2015 14:15:44
Middle Channel	Middle Channel
 Ref: 30 dBm Offset: 16.2 dB Att: 30 dB AQT: 3.125 ms Center: 836.4 MHz 2 dB/ Mean Pwr: +20 dB Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean: 22.50 dBm Peak: 26.16 dBm Crest: 3.66 dB 10 %: 1.72 dB 1 %: 2.72 dB .1 %: 3.24 dB .01 %: 3.48 dB Date: 7.SEP.2015 11:51:44	 Ref: 30 dBm Offset: 18.2 dB Att: 30 dB AQT: 3.125 ms Center: 1.88 GHz 2 dB/ Mean Pwr: +20 dB Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean: 23.62 dBm Peak: 27.08 dBm Crest: 3.45 dB 10 %: 1.72 dB 1 %: 2.64 dB .1 %: 3.12 dB .01 %: 3.32 dB Date: 7.SEP.2015 14:15:59
Highest Channel	Highest Channel
 Ref: 30 dBm Offset: 16.2 dB Att: 30 dB AQT: 3.125 ms Center: 846.6 MHz 2 dB/ Mean Pwr: +20 dB Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean: 22.19 dBm Peak: 26.09 dBm Crest: 3.90 dB 10 %: 1.92 dB 1 %: 2.88 dB .1 %: 3.44 dB .01 %: 3.72 dB Date: 7.SEP.2015 11:51:58	 Ref: 30 dBm Offset: 18.2 dB Att: 30 dB AQT: 3.125 ms Center: 1.9076 GHz 2 dB/ Mean Pwr: +20 dB Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean: 23.40 dBm Peak: 26.65 dBm Crest: 3.25 dB 10 %: 1.68 dB 1 %: 2.52 dB .1 %: 2.92 dB .01 %: 3.12 dB Date: 7.SEP.2015 14:16:14

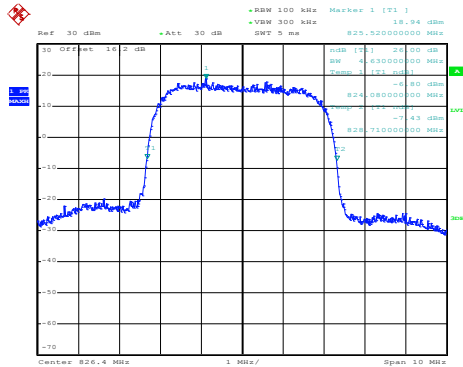
**26dB Bandwidth**

Mode	WCDMA Band V	WCDMA Band II
Mod.	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.63	4.66
Middle CH	4.65	4.66
Highest CH	4.65	4.67



WCDMA Band V (RMC 12.2Kbps)

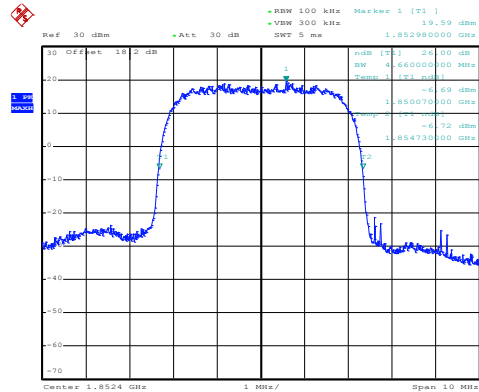
Lowest Channel



Date: 7.SEP.2015 11:39:04

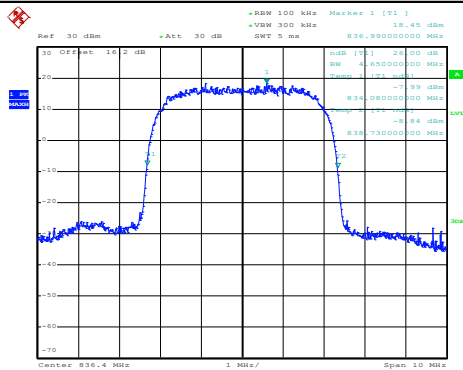
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



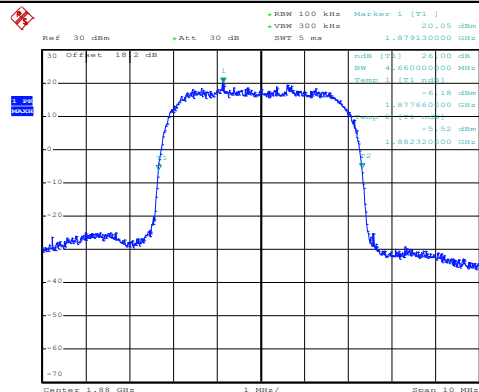
Date: 7.SEP.2015 13:35:28

Middle Channel



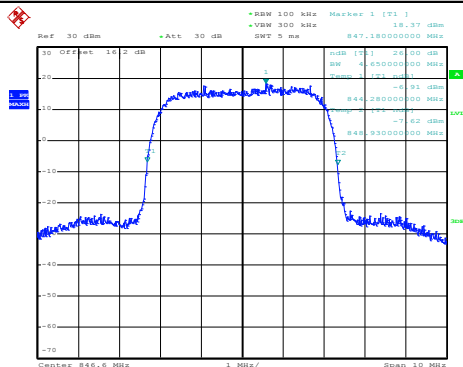
Date: 7.SEP.2015 11:39:41

Middle Channel



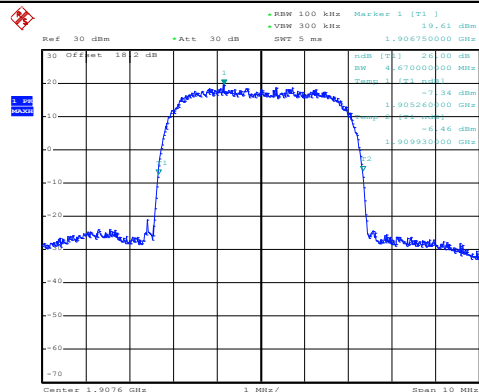
Date: 7.SEP.2015 13:36:02

Highest Channel



Date: 7.SEP.2015 11:41:14

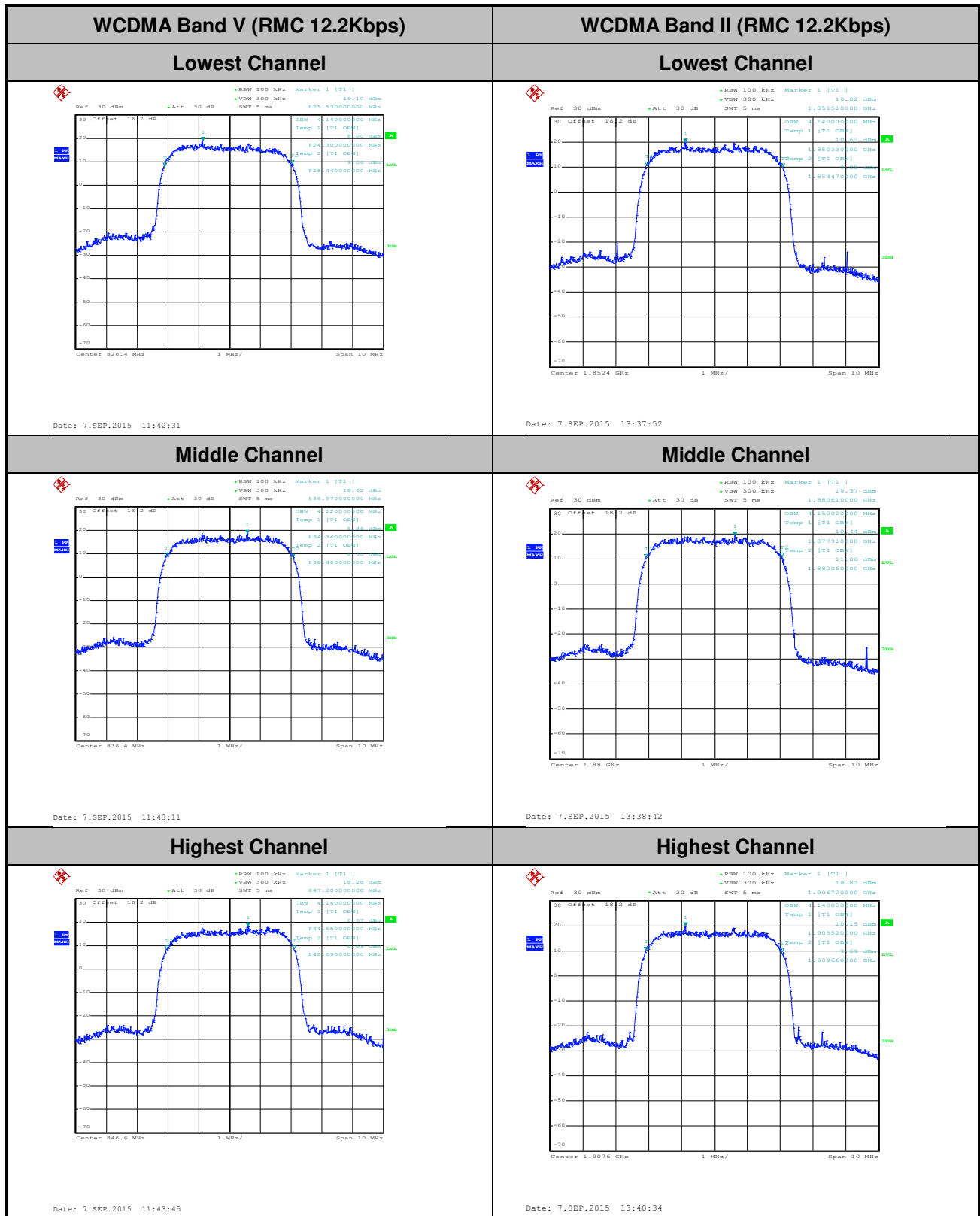
Highest Channel



Date: 7.SEP.2015 13:36:42

**Occupied Bandwidth**

Mode	WCDMA Band V	WCDMA Band II
Mod.	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.14	4.14
Middle CH	4.12	4.15
Highest CH	4.14	4.14

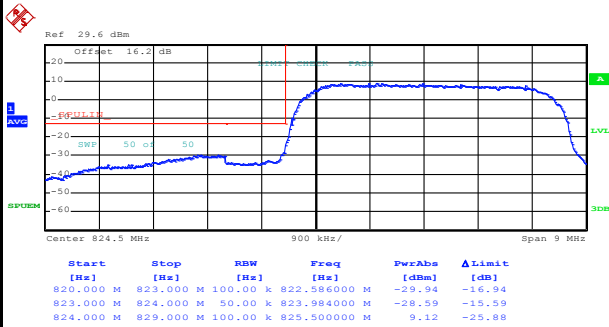




Conducted Band Edge

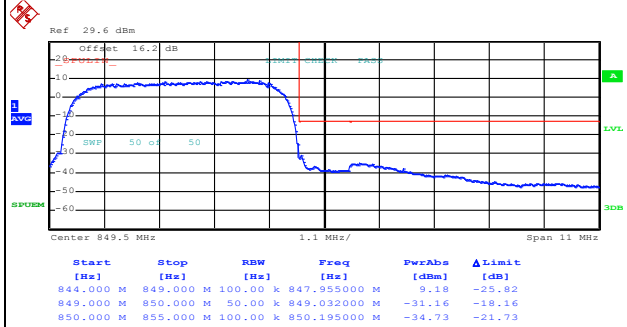
WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge



Date: 7.SEP.2015 11:56:12

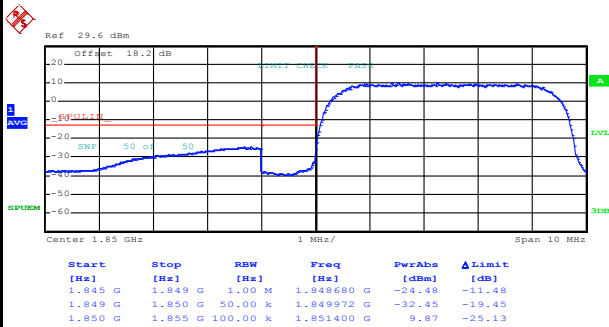
Highest Band Edge



Date: 7.SEP.2015 11:54:31

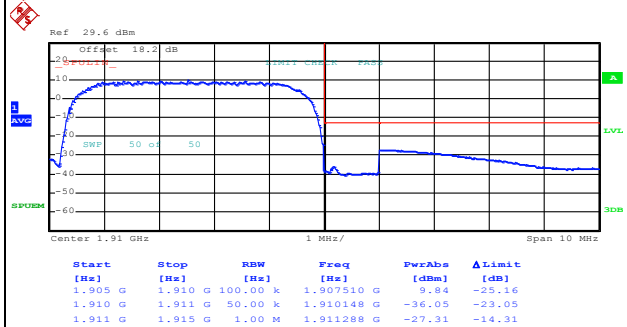
WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Date: 7.SEP.2015 14:04:13

Highest Band Edge



Date: 7.SEP.2015 14:11:56



Conducted Spurious Emission

WCDMA Band V (RMC 12.2Kbps)	WCDMA Band II (RMC 12.2Kbps)
Lowest Channel	Lowest Channel
<	

**Frequency Stability**

Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2Kbps)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0335	PASS
40	Normal Voltage	0.0132	
30	Normal Voltage	0.0311	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0347	
0	Normal Voltage	0.0143	
-10	Normal Voltage	0.0323	
-20	Normal Voltage	0.0060	
-30	Normal Voltage	0.0108	
20	Maximum Voltage	0.0096	
20	Normal Voltage	0.0323	
20	Battery End Point	0.0359	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0080	PASS
40	Normal Voltage	0.0059	
30	Normal Voltage	0.0074	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0298	
0	Normal Voltage	0.0271	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0064	
-30	Normal Voltage	0.0277	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0282	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage = 3.7V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block.