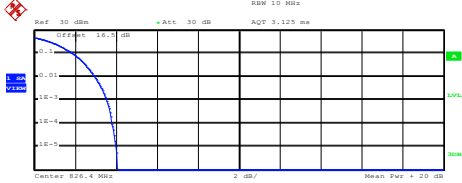
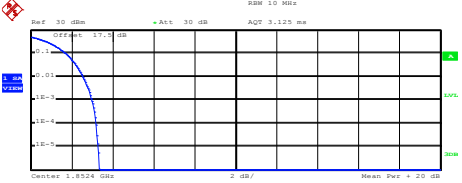
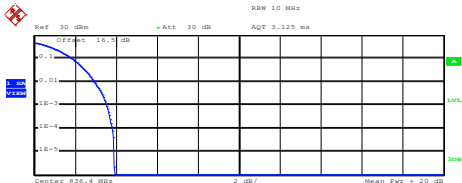
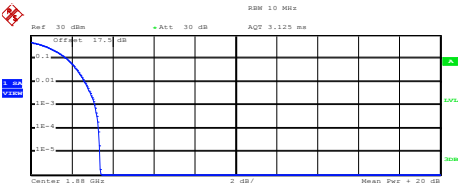
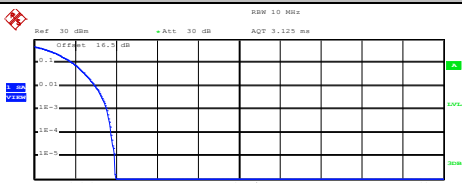
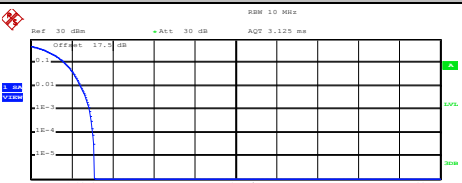




A2. WCDMA

Peak-to-Average Ratio

Mode	WCDMA Band V	WCDMA Band II	Limit: 13dB
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	Result
Lowest CH	3.56	3.00	PASS
Middle CH	3.56	3.12	
Highest CH	3.56	2.88	

WCDMA Band V (RMC 12.2Kbps)	WCDMA Band II (RMC 12.2Kbps)
Lowest Channel	Lowest Channel
 Ref: 30 dBm Att: 30 dB AGT: 3.125 ms Center: 826.4 MHz 2 dB/ Mean Per: +20 dB Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean: 20.11 dBm Peak: 24.18 dBm Crest: 4.07 dB 10 %: 1.88 dB 1 %: 2.96 dB .1 %: 3.56 dB .01 %: 3.80 dB Date: 16.APR.2016 17:21:49	 Ref: 30 dBm Att: 30 dB AGT: 3.125 ms Center: 1.8524 GHz 2 dB/ Mean Per: +20 dB Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean: 19.56 dBm Peak: 22.91 dBm Crest: 3.35 dB 10 %: 1.72 dB 1 %: 2.56 dB .1 %: 3.00 dB .01 %: 3.20 dB Date: 16.APR.2016 16:14:25
Middle Channel	Middle Channel
 Ref: 30 dBm Att: 30 dB AGT: 3.125 ms Center: 836.4 MHz 2 dB/ Mean Per: +20 dB Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean: 19.78 dBm Peak: 23.69 dBm Crest: 3.91 dB 10 %: 1.88 dB 1 %: 2.96 dB .1 %: 3.56 dB .01 %: 3.84 dB Date: 16.APR.2016 17:21:59	 Ref: 30 dBm Att: 30 dB AGT: 3.125 ms Center: 1.85 GHz 2 dB/ Mean Per: +20 dB Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean: 19.52 dBm Peak: 22.91 dBm Crest: 3.40 dB 10 %: 1.76 dB 1 %: 2.64 dB .1 %: 3.12 dB .01 %: 3.32 dB Date: 16.APR.2016 16:14:37
Highest Channel	Highest Channel
 Ref: 30 dBm Att: 30 dB AGT: 3.125 ms Center: 846.6 MHz 2 dB/ Mean Per: +20 dB Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean: 20.08 dBm Peak: 24.04 dBm Crest: 3.96 dB 10 %: 1.88 dB 1 %: 3.00 dB .1 %: 3.56 dB .01 %: 3.76 dB Date: 16.APR.2016 17:22:09	 Ref: 30 dBm Att: 30 dB AGT: 3.125 ms Center: 1.9076 GHz 2 dB/ Mean Per: +20 dB Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean: 19.31 dBm Peak: 22.42 dBm Crest: 3.11 dB 10 %: 1.64 dB 1 %: 2.44 dB .1 %: 2.88 dB .01 %: 3.04 dB Date: 16.APR.2016 16:14:49

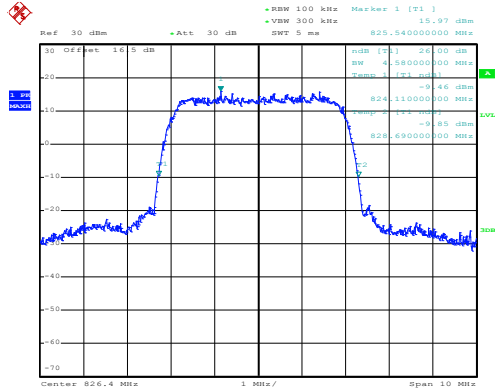
**26dB Bandwidth**

Mode	WCDMA Band V	WCDMA Band II
Mod.	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.58	4.63
Middle CH	4.59	4.62
Highest CH	4.58	4.65



WCDMA Band V (RMC 12.2Kbps)

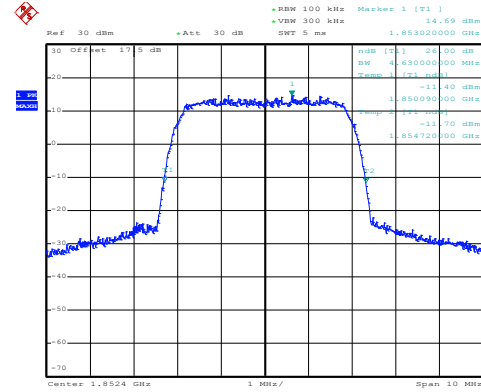
Lowest Channel



Date: 16.APR.2016 16:32:12

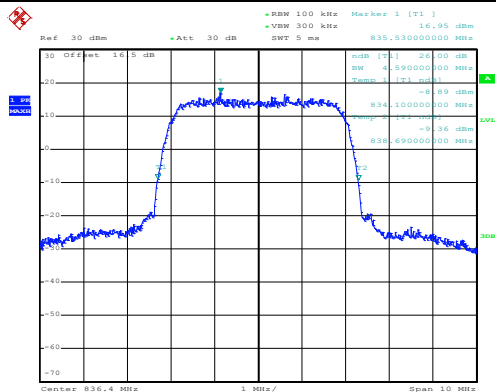
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



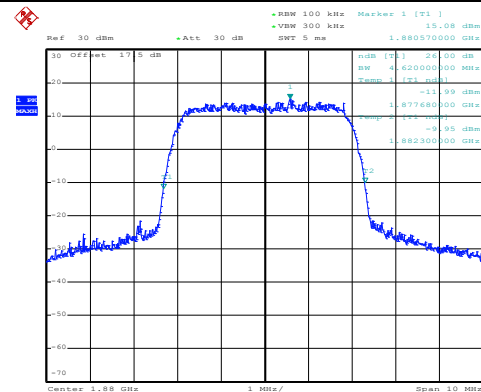
Date: 16.APR.2016 15:52:07

Middle Channel



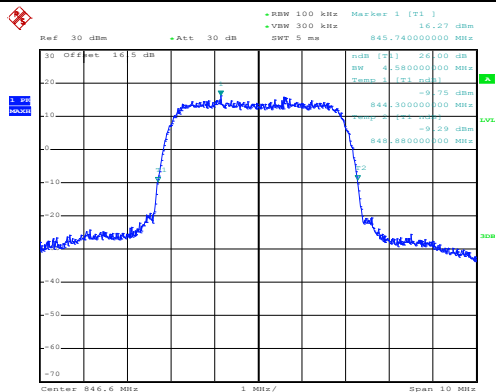
Date: 16.APR.2016 16:32:40

Middle Channel



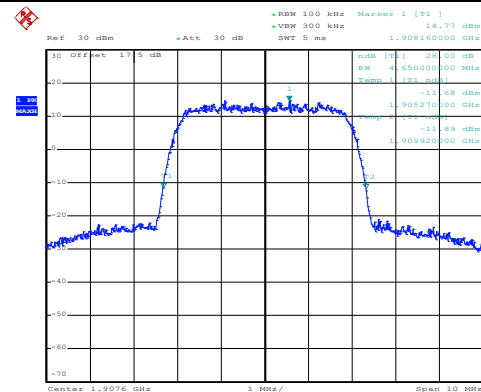
Date: 16.APR.2016 15:52:35

Highest Channel



Date: 16.APR.2016 16:33:08

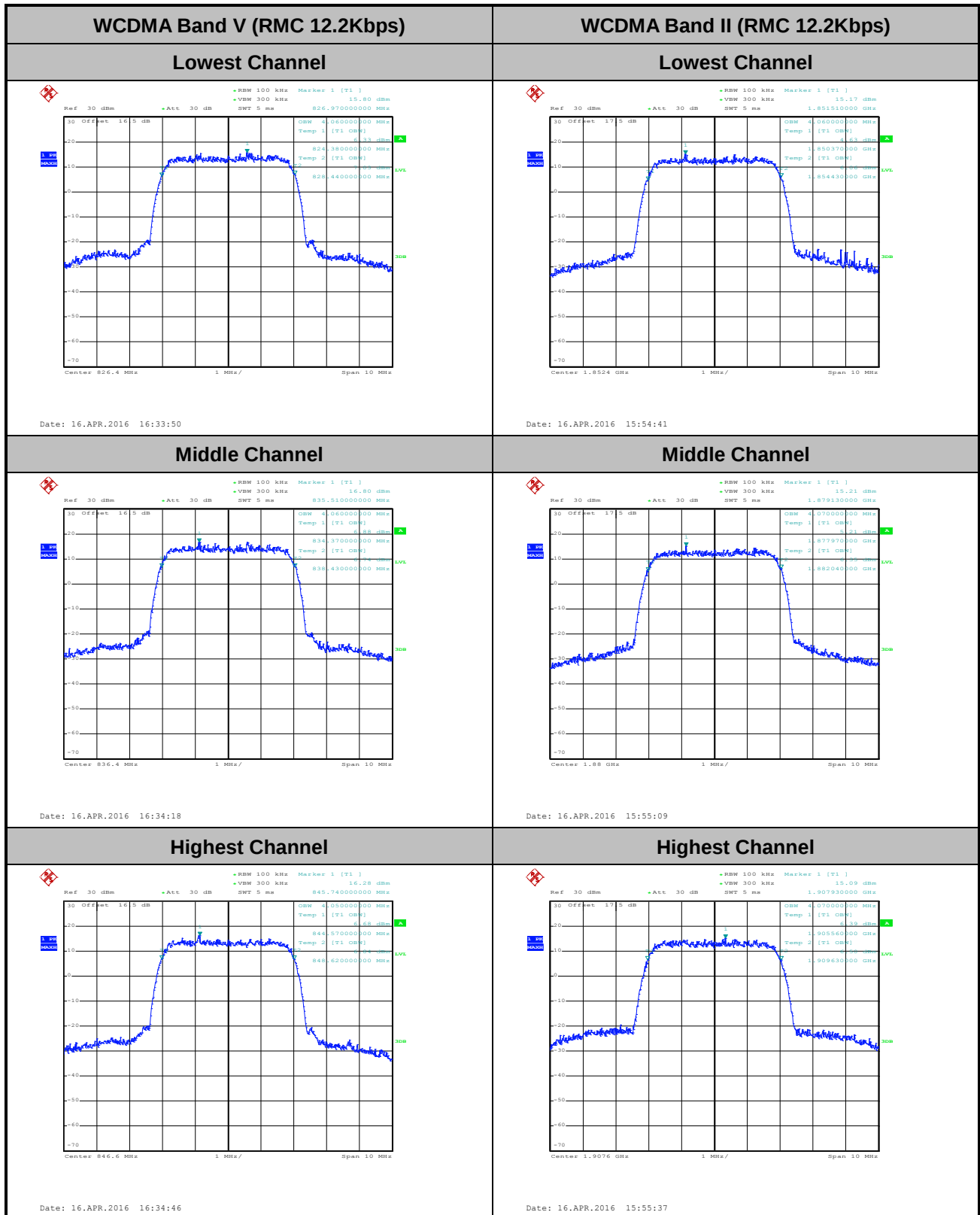
Highest Channel



Date: 16.APR.2016 15:53:04

**Occupied Bandwidth**

Mode	WCDMA Band V	WCDMA Band II
Mod.	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.06	4.06
Middle CH	4.06	4.07
Highest CH	4.05	4.07

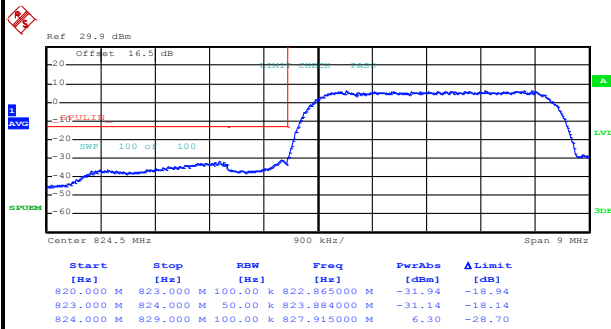




Conducted Band Edge

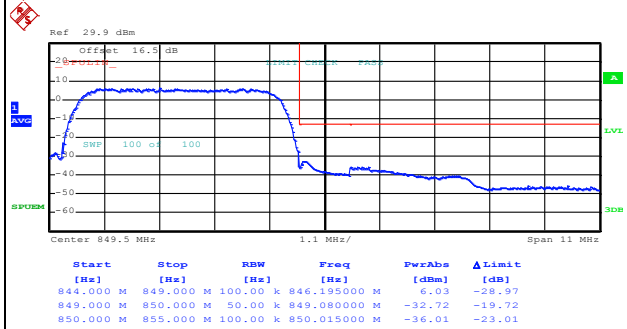
WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge



Date: 16.APR.2016 16:37:33

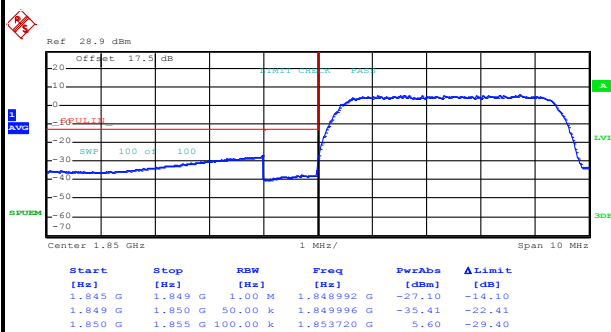
Highest Band Edge



Date: 16.APR.2016 16:40:16

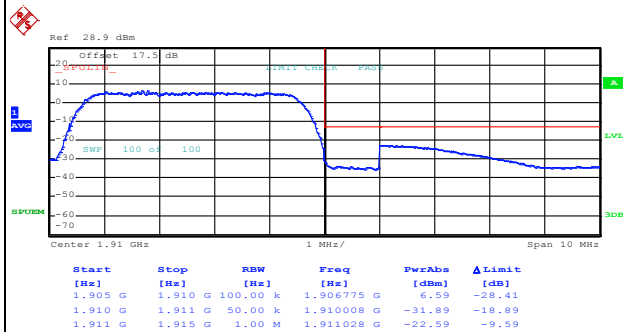
WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Date: 16.APR.2016 16:18:04

Highest Band Edge

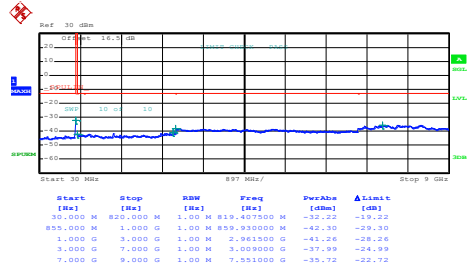


Date: 16.APR.2016 16:20:47

Conducted Spurious Emission

WCDMA Band V (RMC 12.2Kbps)

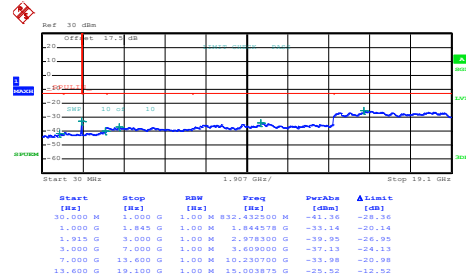
Lowest Channel



Date: 16.APR.2016 17:03:04

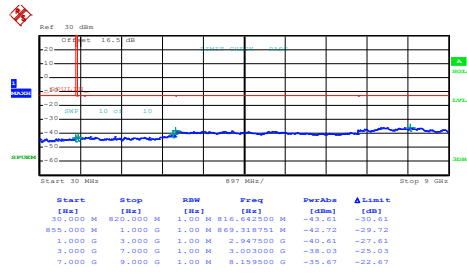
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



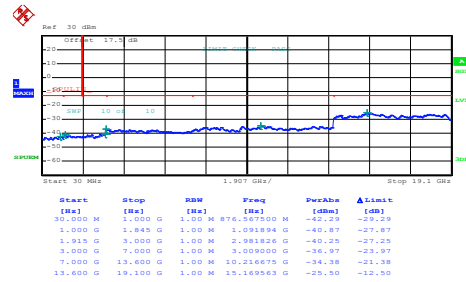
Date: 16.APR.2016 15:57:00

Middle Channel



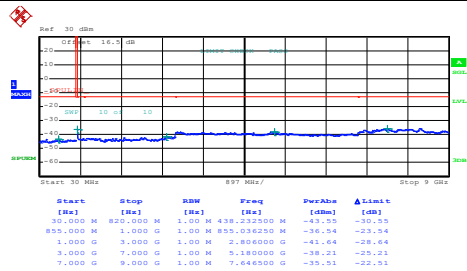
Date: 16.APR.2016 17:03:51

Middle Channel



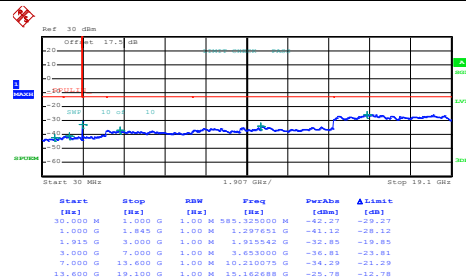
Date: 16.APR.2016 15:57:46

Highest Channel



Date: 16.APR.2016 17:04:36

Highest Channel



Date: 16.APR.2016 15:58:32

Frequency Stability

Test Conditions	Middle Channel	WCDMA Band V (RMC 12.2Kbps)	Limit
		Deviation (ppm)	2.5ppm
Temperature (°C)	Voltage (Volt)		Result
50	Normal Voltage	0.0036	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0167	
20	Battery End Point	0.0024	

Note:

1. Normal Voltage = 6.0V. ; Battery End Point (BEP) = 4.92 V. ; Maximum Voltage =7.0 V
2. The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit
		Deviation (ppm)	Note 2.
Temperature (°C)	Voltage (Volt)		Result
50	Normal Voltage	0.0027	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage = 6.0V. ; Battery End Point (BEP) = 4.92 V. ; Maximum Voltage =7.0 V
2. The frequency fundamental emissions stay within the authorized frequency block.