

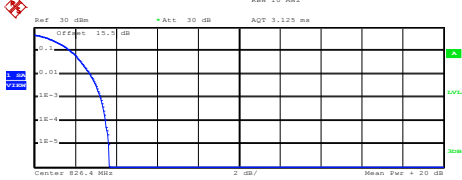
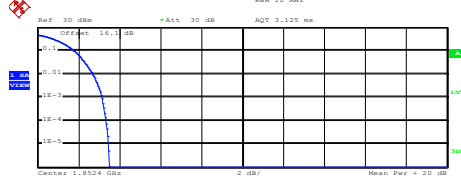
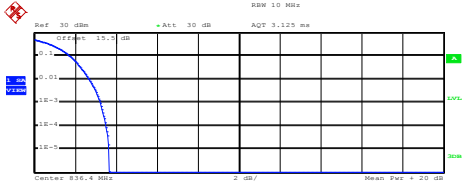
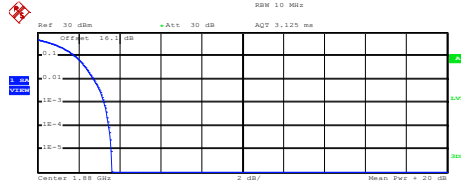
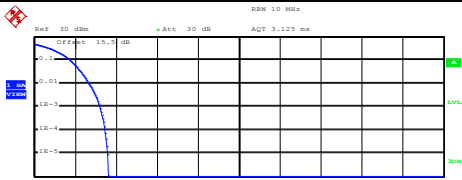
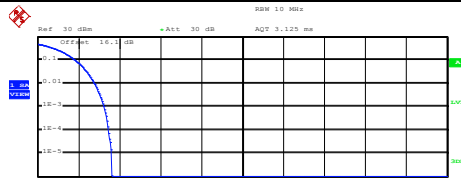


A2. WCDMA

Peak-to-Average Ratio

Mode	WCDMA Band V	WCDMA Band II	Limit: 13dB
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	Result
Lowest CH	3.24	3.16	PASS
Middle CH	3.24	3.24	
Highest CH	3.20	3.24	



WCDMA Band V (RMC 12.2Kbps)	WCDMA Band II (RMC 12.2Kbps)
Lowest Channel	Lowest Channel
 <p>Center 826.4 MHz</p> <p>Ref 30 dBm Att 30 dB AQT 3.125 ms</p> <p>Complementary Cumulative Distribution Function (100000 samples)</p> <p>Trace 1</p> <p>Mean 21.87 dBm Peak 25.53 dBm Crest 3.66 dB</p> <p>10 % 1.76 dB 1 % 2.72 dB .1 % 3.24 dB .01 % 3.48 dB</p> <p>Date: 14.OCT.2016 08:09:31</p>	 <p>Center 1.8524 GHz</p> <p>Ref 30 dBm Att 30 dB AQT 3.125 ms</p> <p>Complementary Cumulative Distribution Function (100000 samples)</p> <p>Trace 1</p> <p>Mean 21.19 dBm Peak 24.68 dBm Crest 3.49 dB</p> <p>10 % 1.80 dB 1 % 2.68 dB .1 % 3.16 dB .01 % 3.36 dB</p> <p>Date: 14.OCT.2016 07:54:57</p>
Middle Channel	Middle Channel
 <p>Center 830.4 MHz</p> <p>Ref 30 dBm Att 30 dB AQT 3.125 ms</p> <p>Complementary Cumulative Distribution Function (100000 samples)</p> <p>Trace 1</p> <p>Mean 21.79 dBm Peak 25.45 dBm Crest 3.66 dB</p> <p>10 % 1.76 dB 1 % 2.68 dB .1 % 3.24 dB .01 % 3.52 dB</p> <p>Date: 14.OCT.2016 08:09:47</p>	 <p>Center 1.85 GHz</p> <p>Ref 30 dBm Att 30 dB AQT 3.125 ms</p> <p>Complementary Cumulative Distribution Function (100000 samples)</p> <p>Trace 1</p> <p>Mean 21.35 dBm Peak 24.96 dBm Crest 3.61 dB</p> <p>10 % 1.84 dB 1 % 2.72 dB .1 % 3.24 dB .01 % 3.48 dB</p> <p>Date: 14.OCT.2016 07:55:20</p>
Highest Channel	Highest Channel
 <p>Center 846.6 MHz</p> <p>Ref 30 dBm Att 30 dB AQT 3.125 ms</p> <p>Complementary Cumulative Distribution Function (100000 samples)</p> <p>Trace 1</p> <p>Mean 21.83 dBm Peak 25.45 dBm Crest 3.62 dB</p> <p>10 % 1.76 dB 1 % 2.68 dB .1 % 3.20 dB .01 % 3.48 dB</p> <p>Date: 14.OCT.2016 08:10:02</p>	 <p>Center 1.9076 GHz</p> <p>Ref 30 dBm Att 30 dB AQT 3.125 ms</p> <p>Complementary Cumulative Distribution Function (100000 samples)</p> <p>Trace 1</p> <p>Mean 20.77 dBm Peak 24.40 dBm Crest 3.63 dB</p> <p>10 % 1.84 dB 1 % 2.76 dB .1 % 3.24 dB .01 % 3.48 dB</p> <p>Date: 14.OCT.2016 07:55:33</p>

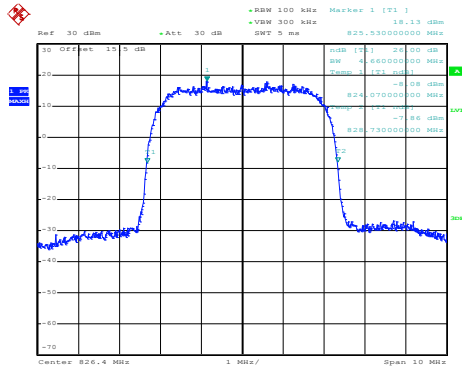
**26dB Bandwidth**

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



WCDMA Band V (RMC 12.2Kbps)

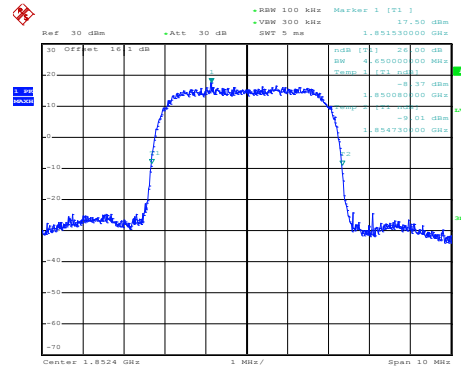
Lowest Channel



Date: 14.OCT.2016 07:56:33

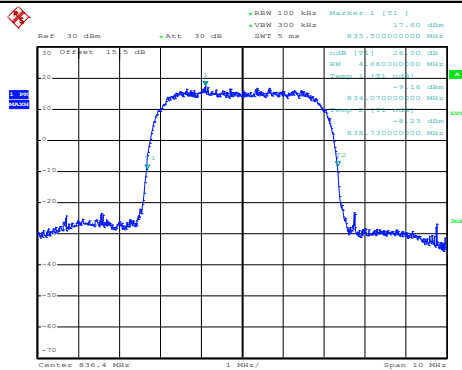
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



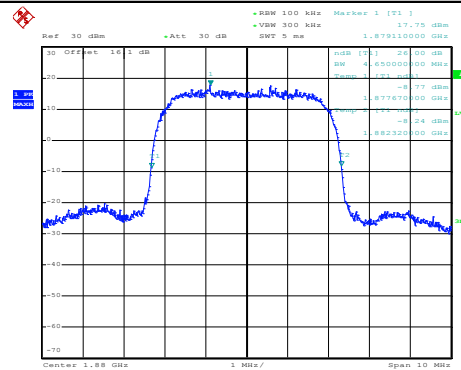
Date: 14.OCT.2016 07:44:28

Middle Channel



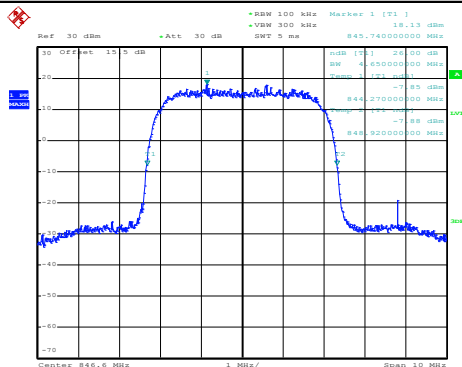
Date: 14.OCT.2016 07:57:01

Middle Channel



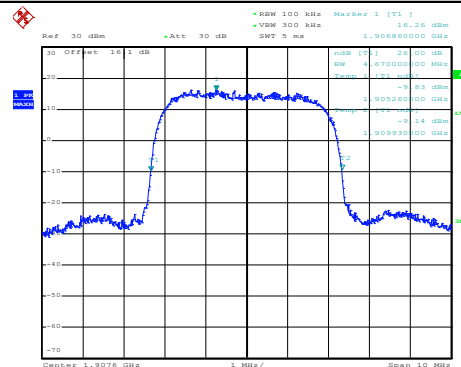
Date: 14.OCT.2016 07:44:56

Highest Channel



Date: 14.OCT.2016 07:57:29

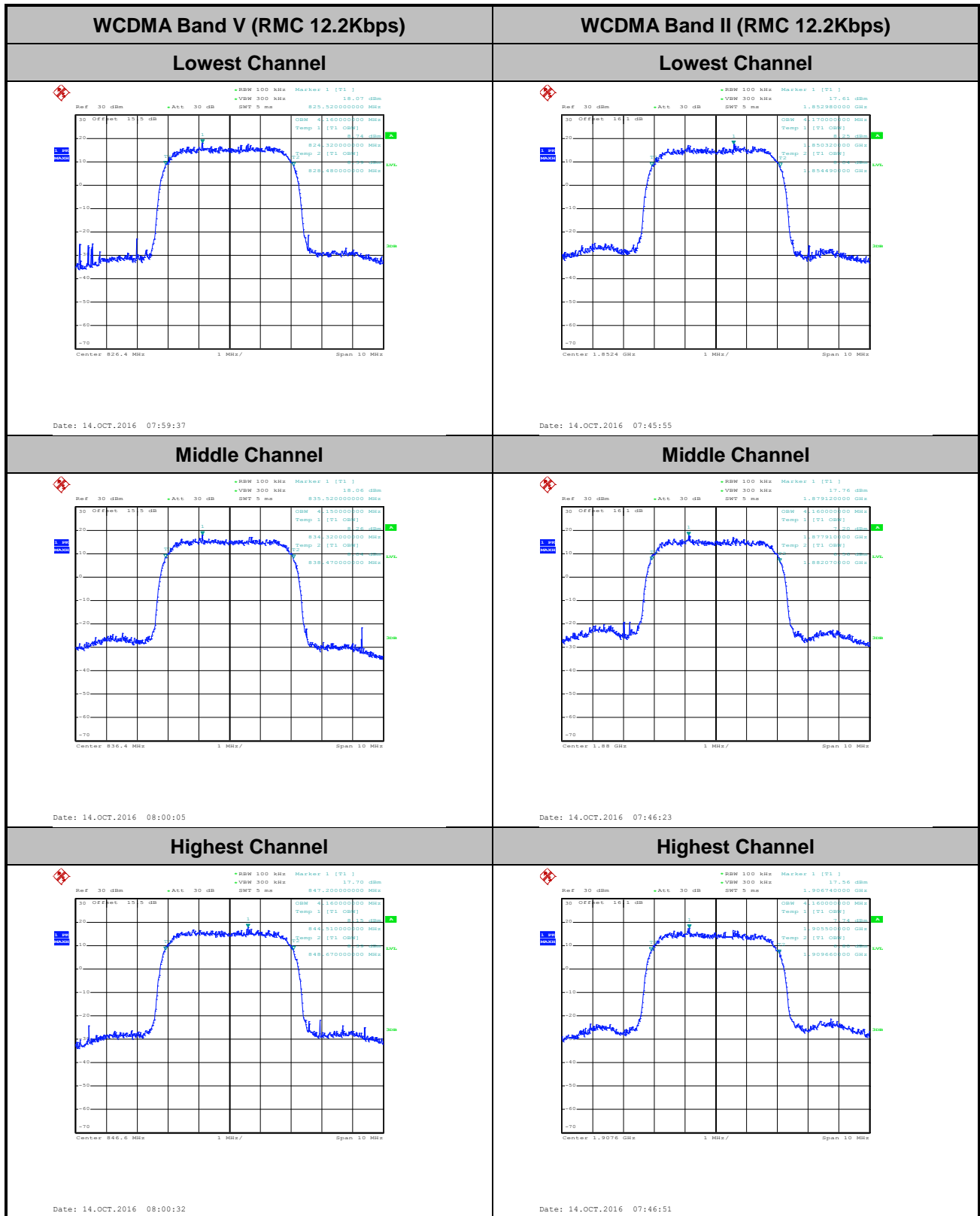
Highest Channel



Date: 14.OCT.2016 07:45:24

**Occupied Bandwidth**

Mode	WCDMA Band V	WCDMA Band II
Mod.	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.16	4.17
Middle CH	4.15	4.16
Highest CH	4.16	4.16

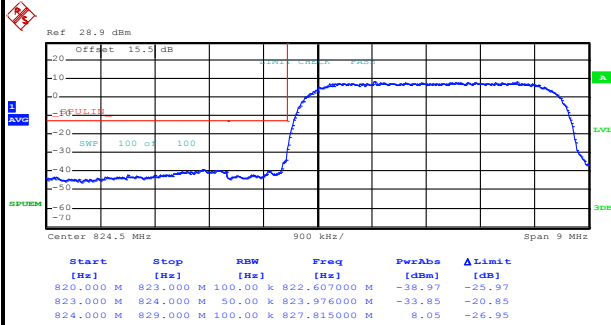




Conducted Band Edge

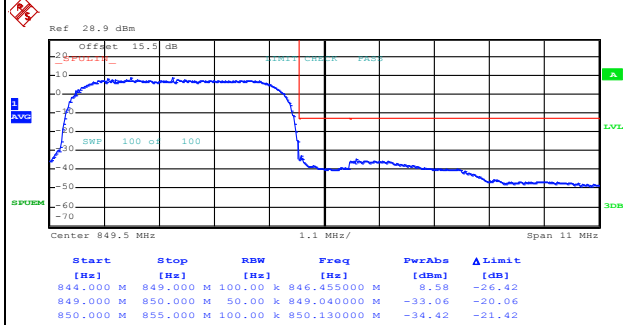
WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge



Date: 14.OCT.2016 08:03:19

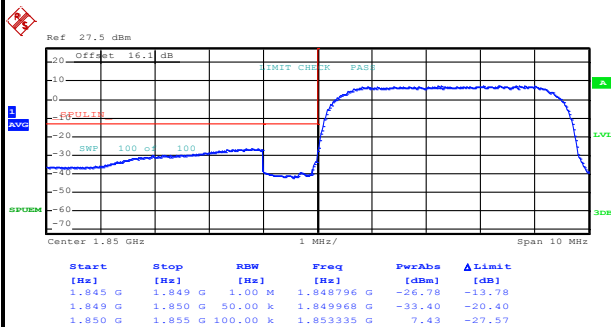
Highest Band Edge



Date: 14.OCT.2016 08:06:01

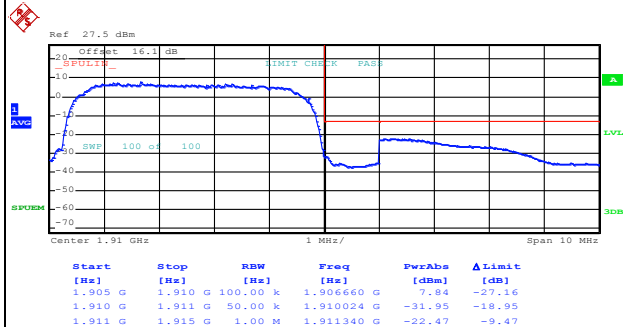
WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Date: 14.OCT.2016 07:49:35

Highest Band Edge



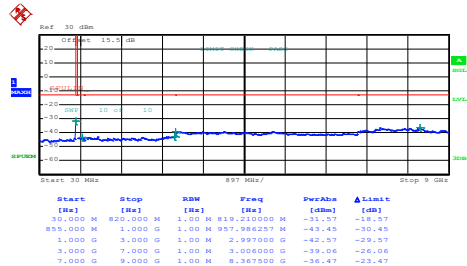
Date: 14.OCT.2016 07:52:17



Conducted Spurious Emission

WCDMA Band V (RMC 12.2Kbps)

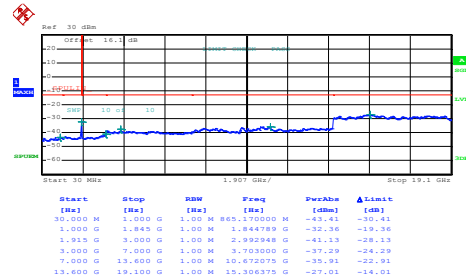
Lowest Channel



Date: 14.OCT.2016 08:06:52

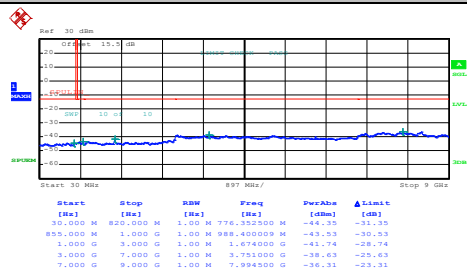
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



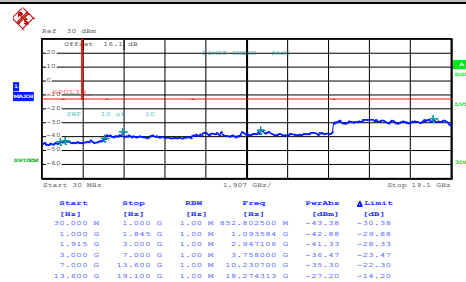
Date: 14.OCT.2016 07:53:06

Middle Channel



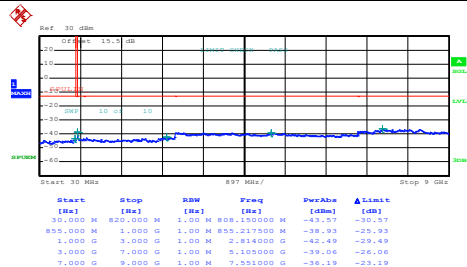
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Middle Channel



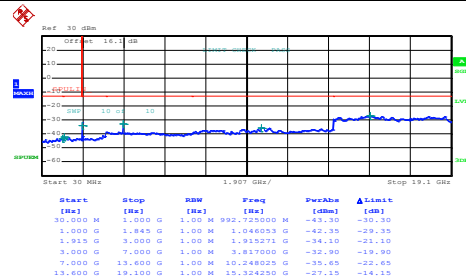
Date: 14.OCT.2016 07:53:52

Highest Channel



Date: 14.OCT.2016 08:08:23

Highest Channel



Date: 14.OCT.2016 07:54:38

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	0.0036	PASS
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0155	
0	Normal Voltage	0.0155	
-10	Normal Voltage	0.0167	
-20	Normal Voltage	0.0167	
-30	Normal Voltage	0.0155	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0000	

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0000	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0032	
-20	Normal Voltage	0.0037	
-30	Normal Voltage	0.0037	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0000	

Note:

1. Normal Voltage = 9V. ; Battery End Point (BEP) = 9 V. ; Maximum Voltage =12 V
2. The frequency fundamental emissions stay within the authorized frequency block.