

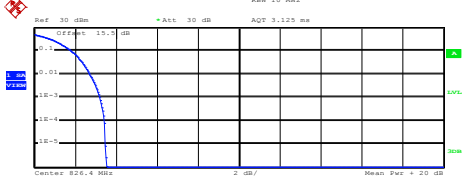
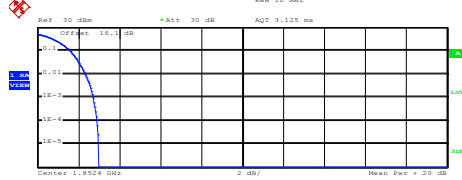
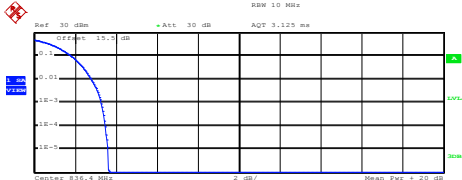
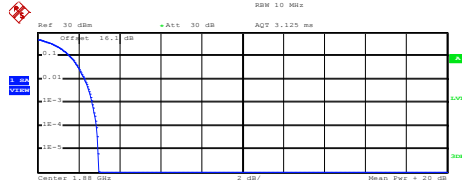
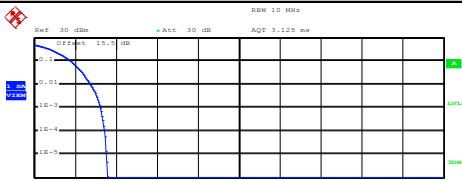
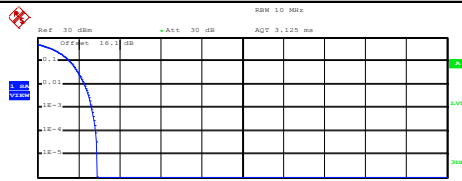


A2. WCDMA

Peak-to-Average Ratio

Mode	WCDMA Band V	WCDMA Band II	Limit: 13dB
Mod.	RMC 12.2Kbps	RMC 12.2Kbps	Result
Lowest CH	3.20	2.72	PASS
Middle CH	3.28	2.68	
Highest CH	3.24	2.64	



WCDMA Band V (RMC 12.2Kbps)	WCDMA Band II (RMC 12.2Kbps)
Lowest Channel	Lowest Channel
 Center 826.4 MHz Ref 30 dBm Att 30 dB AQT 3.125 ms Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 23.26 dBm Peak 26.80 dBm Crest 3.53 dB 10 % 1.80 dB 1 % 2.72 dB .1 % 3.20 dB .01 % 3.44 dB Date: 9.OCT.2016 12:00:53	 Center 1.8524 GHz Ref 30 dBm Att 30 dB AQT 3.125 ms Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 21.98 dBm Peak 24.96 dBm Crest 2.98 dB 10 % 1.60 dB 1 % 2.32 dB .1 % 2.72 dB .01 % 2.92 dB Date: 9.OCT.2016 11:29:31
Middle Channel	Middle Channel
 Center 830.4 MHz Ref 30 dBm Att 30 dB AQT 3.125 ms Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 23.09 dBm Peak 26.73 dBm Crest 3.64 dB 10 % 1.84 dB 1 % 2.80 dB .1 % 3.28 dB .01 % 3.48 dB Date: 9.OCT.2016 12:01:03	 Center 1.88 GHz Ref 30 dBm Att 30 dB AQT 3.125 ms Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 22.14 dBm Peak 25.10 dBm Crest 2.96 dB 10 % 1.56 dB 1 % 2.32 dB .1 % 2.68 dB .01 % 2.88 dB Date: 9.OCT.2016 11:29:45
Highest Channel	Highest Channel
 Center 846.6 MHz Ref 30 dBm Att 30 dB AQT 3.125 ms Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 23.00 dBm Peak 26.58 dBm Crest 3.59 dB 10 % 1.80 dB 1 % 2.76 dB .1 % 3.24 dB .01 % 3.44 dB Date: 9.OCT.2016 12:01:17	 Center 1.9076 GHz Ref 30 dBm Att 30 dB AQT 3.125 ms Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 21.77 dBm Peak 24.68 dBm Crest 2.91 dB 10 % 1.56 dB 1 % 2.28 dB .1 % 2.64 dB .01 % 2.84 dB Date: 9.OCT.2016 11:29:55

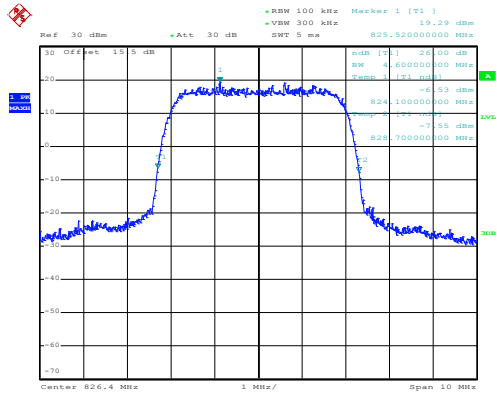
**26dB Bandwidth**

Mode	WCDMA Band V	WCDMA Band II
Mod.	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.60	4.64
Middle CH	4.60	4.64
Highest CH	4.61	4.67



WCDMA Band V (RMC 12.2Kbps)

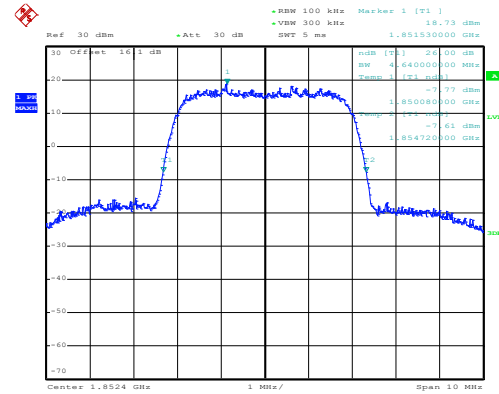
Lowest Channel



Date: 9.OCT.2016 11:54:42

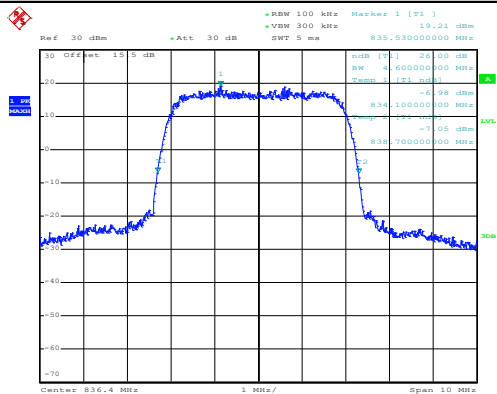
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



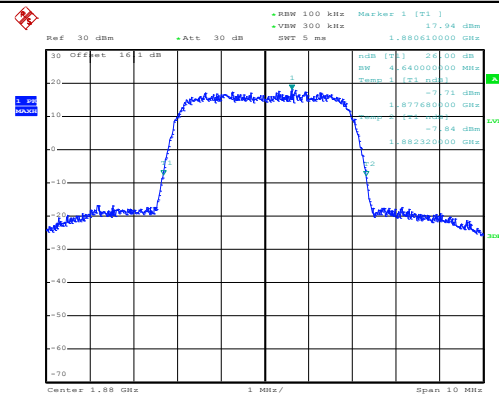
Date: 9.OCT.2016 11:18:34

Middle Channel



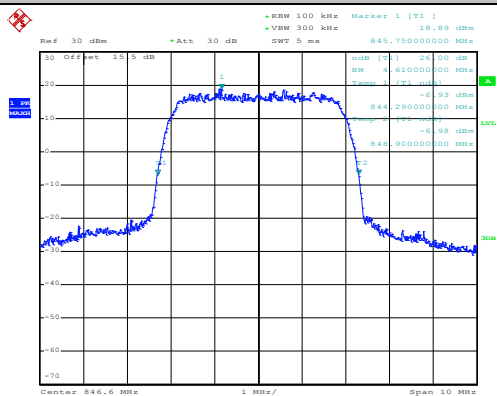
Date: 9.OCT.2016 11:55:10

Middle Channel



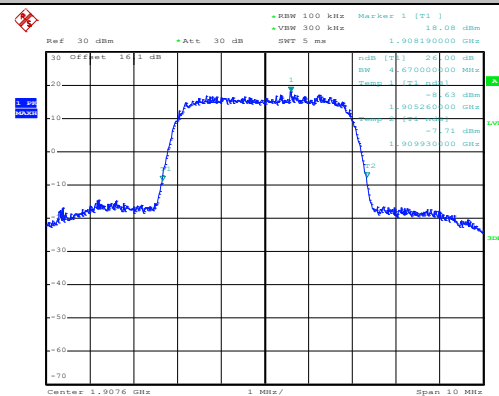
Date: 9.OCT.2016 11:19:01

Highest Channel



Date: 9.OCT.2016 11:55:38

Highest Channel



Date: 9.OCT.2016 11:19:29

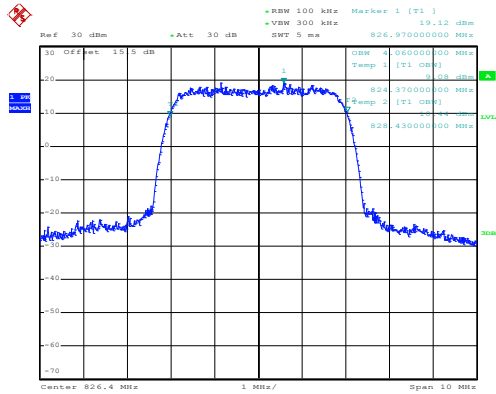
**Occupied Bandwidth**

Mode	WCDMA Band V	WCDMA Band II
Mod.	RMC 12.2Kbps	RMC 12.2Kbps
Lowest CH	4.06	4.08
Middle CH	4.06	4.08
Highest CH	4.06	4.08



WCDMA Band V (RMC 12.2Kbps)

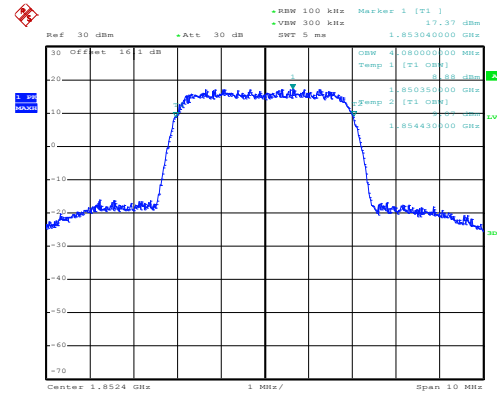
Lowest Channel



Date: 9.OCT.2016 11:56:16

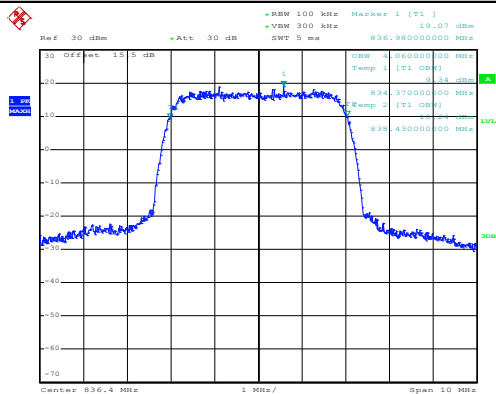
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



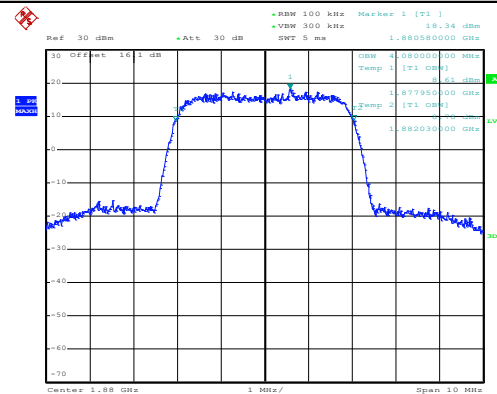
Date: 9.OCT.2016 11:20:46

Middle Channel



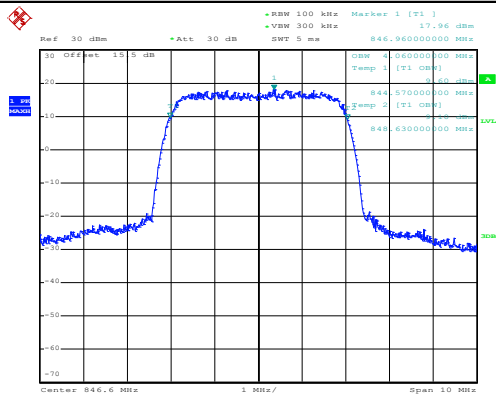
Date: 9.OCT.2016 11:56:44

Middle Channel



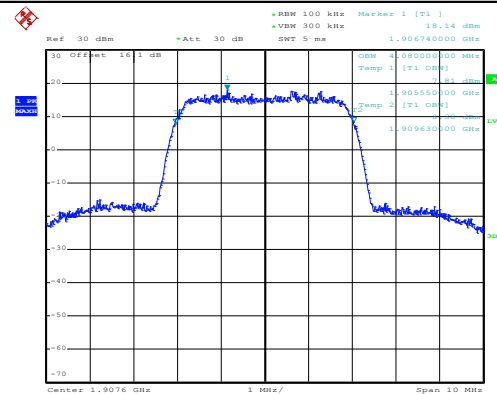
Date: 9.OCT.2016 11:21:13

Highest Channel



Date: 9.OCT.2016 11:57:12

Highest Channel



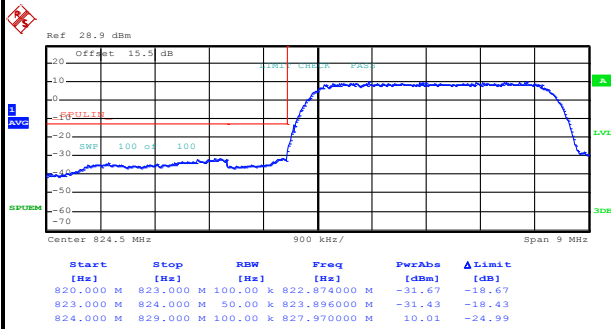
Date: 9.OCT.2016 11:21:41



Conducted Band Edge

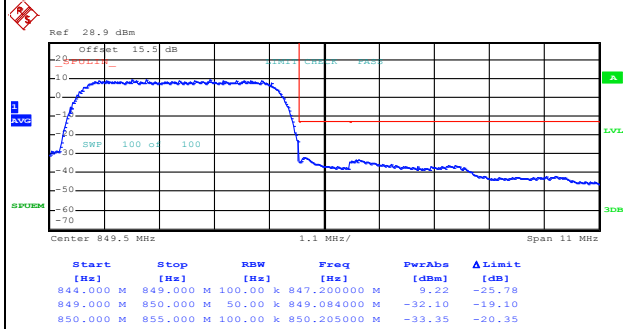
WCDMA Band V (RMC 12.2Kbps)

Lowest Band Edge



Date: 9.OCT.2016 12:04:36

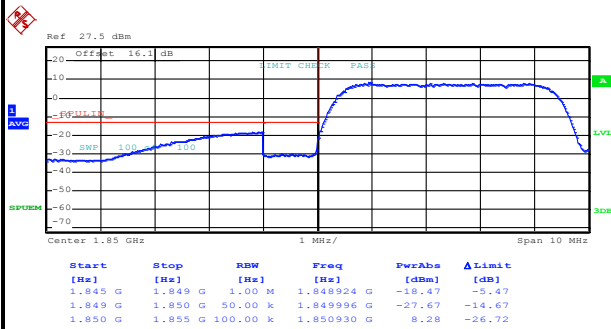
Highest Band Edge



Date: 9.OCT.2016 12:07:19

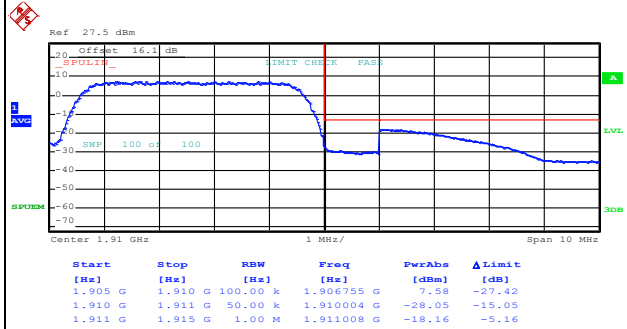
WCDMA Band II (RMC 12.2Kbps)

Lowest Band Edge



Date: 9.OCT.2016 11:36:32

Highest Band Edge



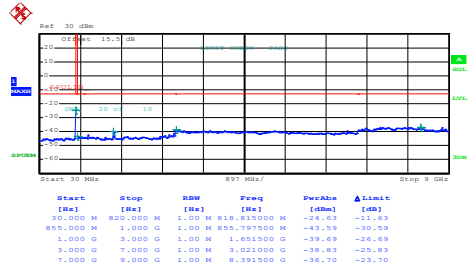
Date: 9.OCT.2016 11:39:14



Conducted Spurious Emission

WCDMA Band V (RMC 12.2Kbps)

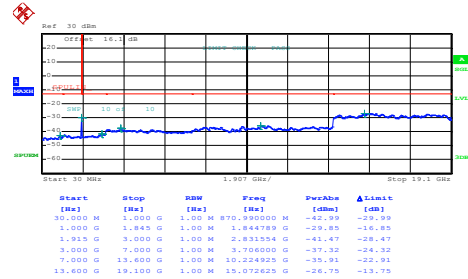
Lowest Channel



Date: 9.OCT.2016 11:58:30

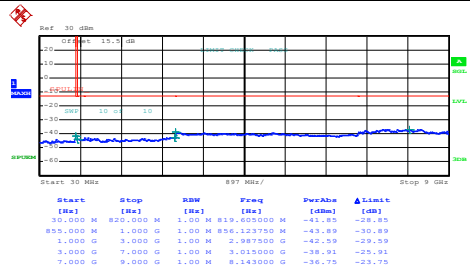
WCDMA Band II (RMC 12.2Kbps)

Lowest Channel



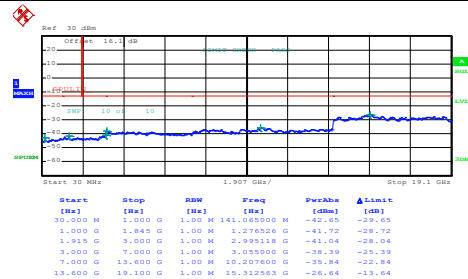
Date: 9.OCT.2016 11:31:30

Middle Channel



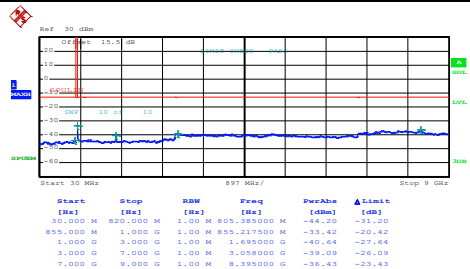
Date: 9.OCT.2016 11:59:15

Middle Channel



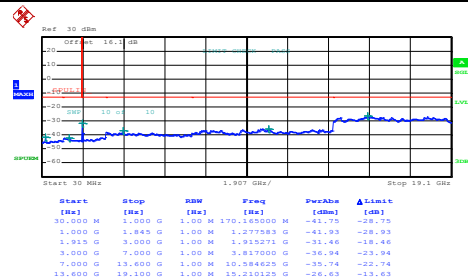
Date: 9.OCT.2016 11:32:16

Highest Channel



Date: 9.OCT.2016 12:00:01

Highest Channel



Date: 9.OCT.2016 11:33:01

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

Note:

1. Normal Voltage = 3.7V. ; Battery End Point (BEP) = 3.3 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions	Middle Channel	WCDMA Band II (RMC 12.2Kbps)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0032	
-10	Normal Voltage	0.0027	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage = 3.7V. ; Battery End Point (BEP) = 3.3 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block.