

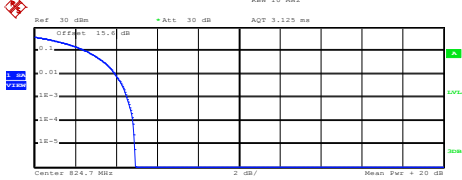
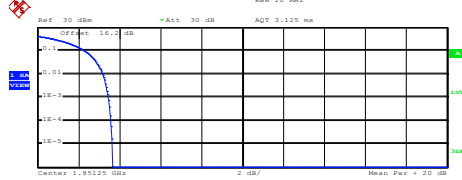
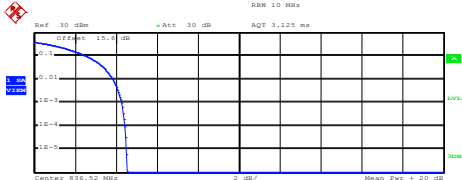
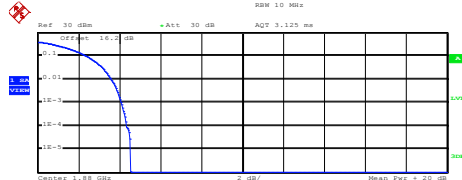
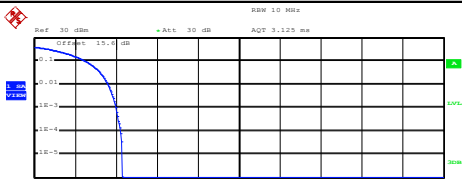
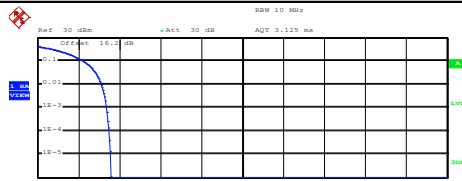


A3. CDMA

Peak-to-Average Ratio

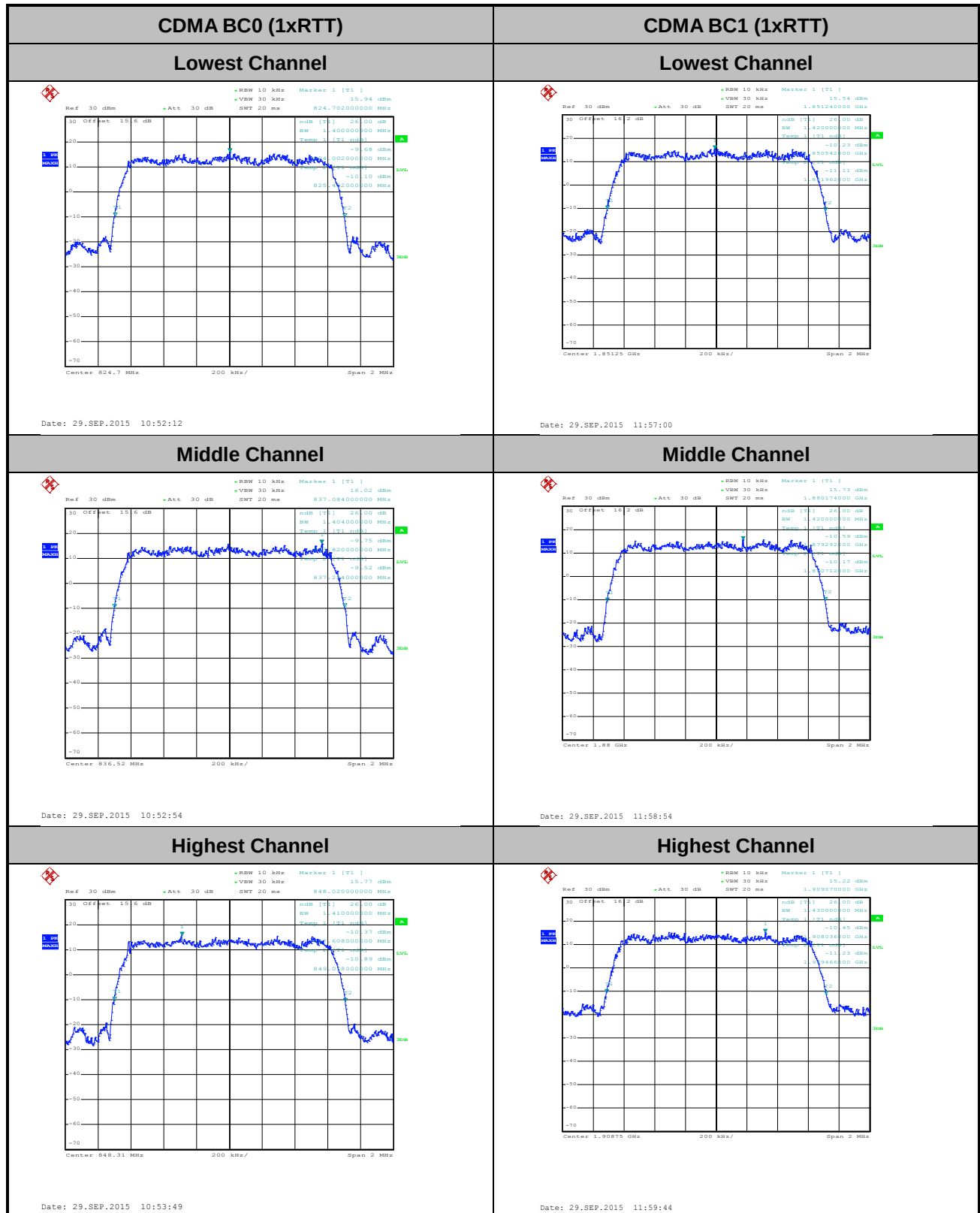
Mode	CDMA BC0	CDMA BC1	Limit: 13dB
Mod.	1xRTT	1xRTT	Result
Lowest CH	4.52	3.48	PASS
Middle CH	4.28	4.08	
Highest CH	4.00	3.36	



CDMA BC0 (1xRTT)	CDMA BC1 (1xRTT)																												
Lowest Channel	Lowest Channel																												
 Ref: 30 dBm, Att: 30 dB, AQT: 3.125 ms, RSW: 10 MHz, Center: 824.7 MHz, Mean: 24.97 dBm, Peak: 29.93 dBm, Crest: 4.95 dB Complementary Cumulative Distribution Function (100000 samples) Trace 1 <table><tr><td>Mean</td><td>24.97 dBm</td></tr><tr><td>Peak</td><td>29.93 dBm</td></tr><tr><td>Crest</td><td>4.95 dB</td></tr></table> <table><tr><td>10 %</td><td>2.56 dB</td></tr><tr><td>1 %</td><td>3.96 dB</td></tr><tr><td>.1 %</td><td>4.52 dB</td></tr><tr><td>.01 %</td><td>4.84 dB</td></tr></table> Date: 29.SEP.2015 11:46:36	Mean	24.97 dBm	Peak	29.93 dBm	Crest	4.95 dB	10 %	2.56 dB	1 %	3.96 dB	.1 %	4.52 dB	.01 %	4.84 dB	 Ref: 30 dBm, Att: 30 dB, AQT: 3.125 ms, RSW: 10 MHz, Center: 1.85125 GHz, Mean: 25.12 dBm, Peak: 28.80 dBm, Crest: 3.67 dB Complementary Cumulative Distribution Function (100000 samples) Trace 1 <table><tr><td>Mean</td><td>25.12 dBm</td></tr><tr><td>Peak</td><td>28.80 dBm</td></tr><tr><td>Crest</td><td>3.67 dB</td></tr></table> <table><tr><td>10 %</td><td>2.32 dB</td></tr><tr><td>1 %</td><td>3.20 dB</td></tr><tr><td>.1 %</td><td>3.48 dB</td></tr><tr><td>.01 %</td><td>3.60 dB</td></tr></table> Date: 29.SEP.2015 13:52:50	Mean	25.12 dBm	Peak	28.80 dBm	Crest	3.67 dB	10 %	2.32 dB	1 %	3.20 dB	.1 %	3.48 dB	.01 %	3.60 dB
Mean	24.97 dBm																												
Peak	29.93 dBm																												
Crest	4.95 dB																												
10 %	2.56 dB																												
1 %	3.96 dB																												
.1 %	4.52 dB																												
.01 %	4.84 dB																												
Mean	25.12 dBm																												
Peak	28.80 dBm																												
Crest	3.67 dB																												
10 %	2.32 dB																												
1 %	3.20 dB																												
.1 %	3.48 dB																												
.01 %	3.60 dB																												
Middle Channel	Middle Channel																												
 Ref: 30 dBm, Att: 30 dB, AQT: 3.125 ms, RSW: 10 MHz, Center: 835.52 MHz, Mean: 25.09 dBm, Peak: 29.65 dBm, Crest: 4.56 dB Complementary Cumulative Distribution Function (100000 samples) Trace 1 <table><tr><td>Mean</td><td>25.09 dBm</td></tr><tr><td>Peak</td><td>29.65 dBm</td></tr><tr><td>Crest</td><td>4.56 dB</td></tr></table> <table><tr><td>10 %</td><td>2.56 dB</td></tr><tr><td>1 %</td><td>3.84 dB</td></tr><tr><td>.1 %</td><td>4.28 dB</td></tr><tr><td>.01 %</td><td>4.44 dB</td></tr></table> Date: 29.SEP.2015 11:46:47	Mean	25.09 dBm	Peak	29.65 dBm	Crest	4.56 dB	10 %	2.56 dB	1 %	3.84 dB	.1 %	4.28 dB	.01 %	4.44 dB	 Ref: 30 dBm, Att: 30 dB, AQT: 3.125 ms, RSW: 10 MHz, Center: 1.88 GHz, Mean: 25.02 dBm, Peak: 29.57 dBm, Crest: 4.55 dB Complementary Cumulative Distribution Function (100000 samples) Trace 1 <table><tr><td>Mean</td><td>25.02 dBm</td></tr><tr><td>Peak</td><td>29.57 dBm</td></tr><tr><td>Crest</td><td>4.55 dB</td></tr></table> <table><tr><td>10 %</td><td>2.40 dB</td></tr><tr><td>1 %</td><td>3.60 dB</td></tr><tr><td>.1 %</td><td>4.08 dB</td></tr><tr><td>.01 %</td><td>4.36 dB</td></tr></table> Date: 29.SEP.2015 13:53:01	Mean	25.02 dBm	Peak	29.57 dBm	Crest	4.55 dB	10 %	2.40 dB	1 %	3.60 dB	.1 %	4.08 dB	.01 %	4.36 dB
Mean	25.09 dBm																												
Peak	29.65 dBm																												
Crest	4.56 dB																												
10 %	2.56 dB																												
1 %	3.84 dB																												
.1 %	4.28 dB																												
.01 %	4.44 dB																												
Mean	25.02 dBm																												
Peak	29.57 dBm																												
Crest	4.55 dB																												
10 %	2.40 dB																												
1 %	3.60 dB																												
.1 %	4.08 dB																												
.01 %	4.36 dB																												
Highest Channel	Highest Channel																												
 Ref: 30 dBm, Att: 30 dB, AQT: 3.125 ms, RSW: 10 MHz, Center: 848.31 MHz, Mean: 25.19 dBm, Peak: 29.50 dBm, Crest: 4.31 dB Complementary Cumulative Distribution Function (100000 samples) Trace 1 <table><tr><td>Mean</td><td>25.19 dBm</td></tr><tr><td>Peak</td><td>29.50 dBm</td></tr><tr><td>Crest</td><td>4.31 dB</td></tr></table> <table><tr><td>10 %</td><td>2.52 dB</td></tr><tr><td>1 %</td><td>3.60 dB</td></tr><tr><td>.1 %</td><td>4.00 dB</td></tr><tr><td>.01 %</td><td>4.24 dB</td></tr></table> Date: 29.SEP.2015 11:46:59	Mean	25.19 dBm	Peak	29.50 dBm	Crest	4.31 dB	10 %	2.52 dB	1 %	3.60 dB	.1 %	4.00 dB	.01 %	4.24 dB	 Ref: 30 dBm, Att: 30 dB, AQT: 3.125 ms, RSW: 10 MHz, Center: 1.90875 GHz, Mean: 24.73 dBm, Peak: 28.30 dBm, Crest: 3.57 dB Complementary Cumulative Distribution Function (100000 samples) Trace 1 <table><tr><td>Mean</td><td>24.73 dBm</td></tr><tr><td>Peak</td><td>28.30 dBm</td></tr><tr><td>Crest</td><td>3.57 dB</td></tr></table> <table><tr><td>10 %</td><td>2.28 dB</td></tr><tr><td>1 %</td><td>3.12 dB</td></tr><tr><td>.1 %</td><td>3.36 dB</td></tr><tr><td>.01 %</td><td>3.48 dB</td></tr></table> Date: 29.SEP.2015 13:53:12	Mean	24.73 dBm	Peak	28.30 dBm	Crest	3.57 dB	10 %	2.28 dB	1 %	3.12 dB	.1 %	3.36 dB	.01 %	3.48 dB
Mean	25.19 dBm																												
Peak	29.50 dBm																												
Crest	4.31 dB																												
10 %	2.52 dB																												
1 %	3.60 dB																												
.1 %	4.00 dB																												
.01 %	4.24 dB																												
Mean	24.73 dBm																												
Peak	28.30 dBm																												
Crest	3.57 dB																												
10 %	2.28 dB																												
1 %	3.12 dB																												
.1 %	3.36 dB																												
.01 %	3.48 dB																												

**26dB Bandwidth**

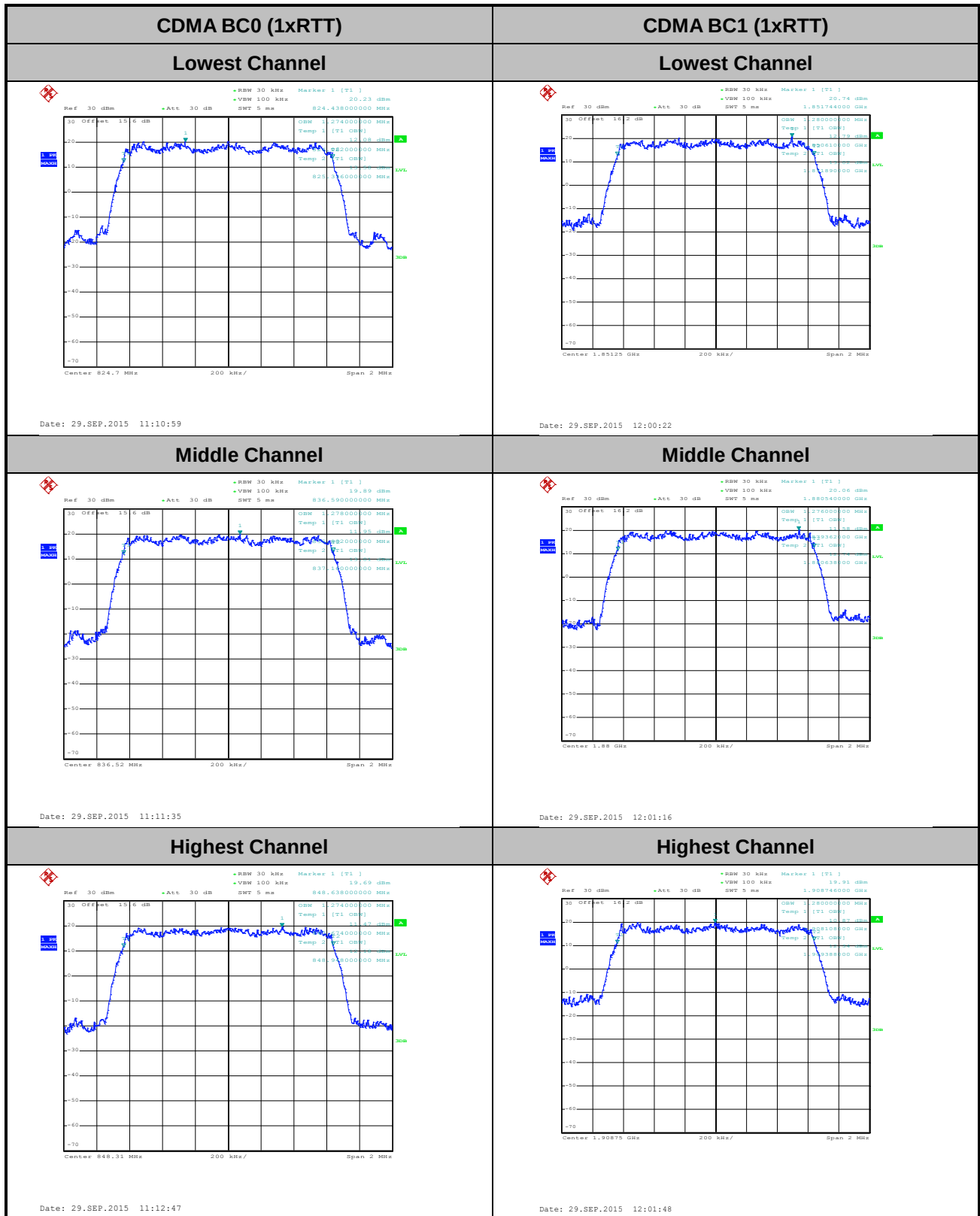
Mode	CDMA BC0	CDMA BC1
Mod.	1xRTT	1xRTT
Lowest CH	1.40	1.42
Middle CH	1.40	1.42
Highest CH	1.41	1.43





Occupied Bandwidth

Mode	CDMA BC0	CDMA BC1
Mod.	1xRTT	1xRTT
Lowest CH	1.27	1.28
Middle CH	1.28	1.28
Highest CH	1.27	1.28

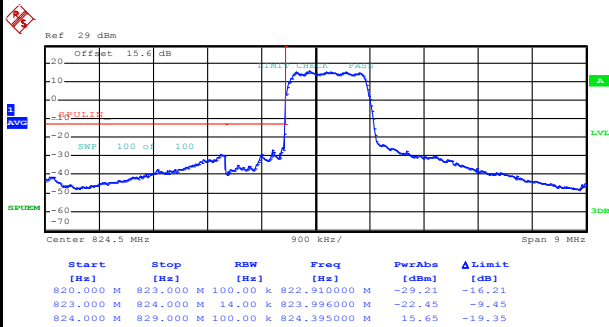




Conducted Band Edge

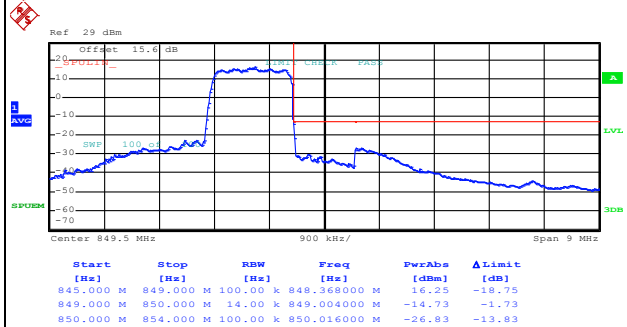
CDMA BC0 (1xRTT)

Lowest Band Edge



Date: 29.SEP.2015 11:22:34

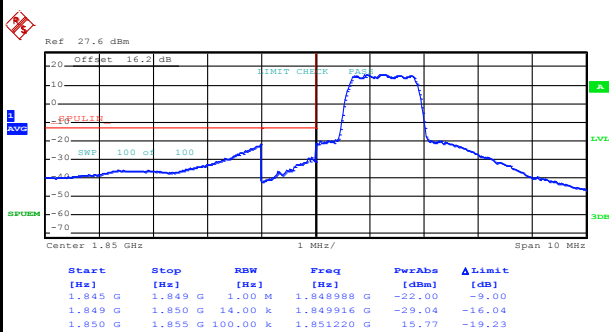
Highest Band Edge



Date: 29.SEP.2015 11:33:05

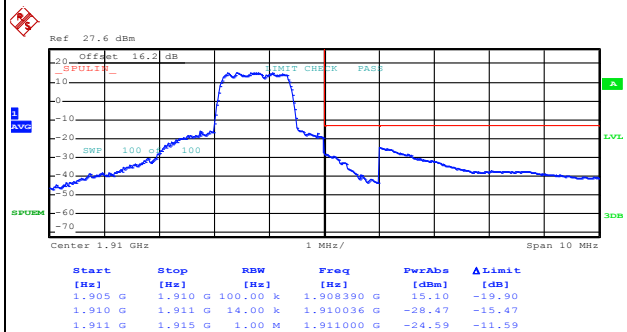
CDMA BC1 (1xRTT)

Lowest Band Edge



Date: 29.SEP.2015 12:09:49

Highest Band Edge



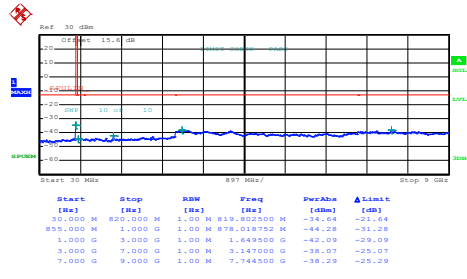
Date: 29.SEP.2015 13:50:42



Conducted Spurious Emission

CDMA BC0 (1xRTT)

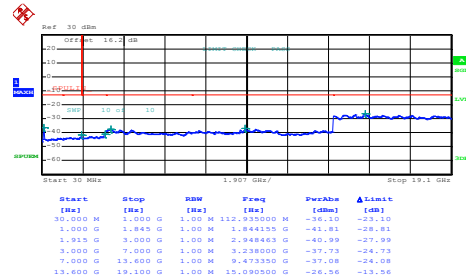
Lowest Channel



Date: 29.SEP.2015 11:40:50

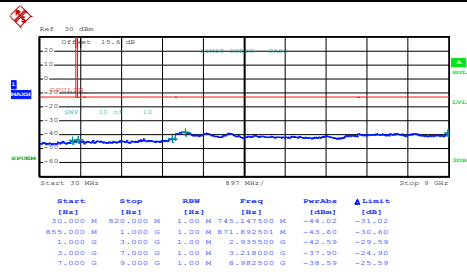
CDMA BC1 (1xRTT)

Lowest Channel



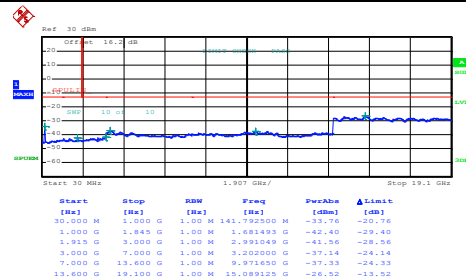
Date: 29.SEP.2015 13:51:21

Middle Channel



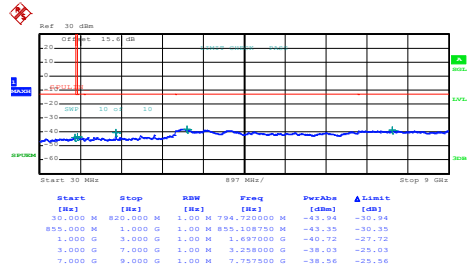
Date: 29.SEP.2015 11:42:26

Middle Channel



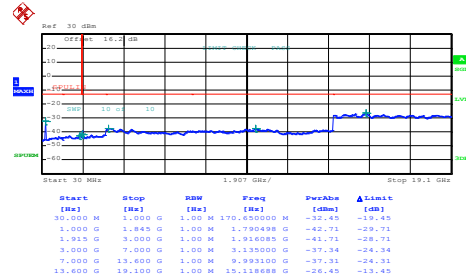
Date: 29.SEP.2015 13:51:56

Highest Channel



Date: 29.SEP.2015 11:43:33

Highest Channel



Date: 29.SEP.2015 13:52:33

**Frequency Stability**

Test Conditions	Middle Channel	CDMA BC0 (1xRTT)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0299	PASS
40	Normal Voltage	0.0371	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0048	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0072	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0024	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0251	
20	Battery End Point	0.0000	



Test Conditions	Middle Channel	CDMA BC1 (1xRTT)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0303	PASS
40	Normal Voltage	0.0261	
30	Normal Voltage	0.0223	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0043	
-30	Normal Voltage	0.0037	
20	Maximum Voltage	0.0218	
20	Normal Voltage	0.0255	
20	Battery End Point	0.0245	

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.