



# FCC RF Test Report

**APPLICANT** : Motorola Mobility LLC  
**EQUIPMENT** : Mobile Cellular Phone  
**BRAND NAME** : Motorola  
**MODEL NAME** : XT1921-5, XT1921-3  
**FCC ID** : IHDT56XC2  
**STANDARD** : FCC 47 CFR Part 2, 22(H), 24(E), 27(L)  
**CLASSIFICATION** : PCS Licensed Transmitter Held to Ear (PCE)

The product was received on Dec. 20, 2017 and testing was completed on Jan. 08, 2018. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA-603-E and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.

Reviewed by: Joseph Lin / Supervisor

Approved by: Jones Tsai / Manager



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FCC ID : IHDT56XC2

Page Number : 1 of 22

Report Issued Date : Feb. 13, 2018

Report Version : Rev. 01

Report Template No.: BU5-FG22/24/27 Version 2.0



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**APPENDIX A. TEST RESULTS OF CONDUCTED TEST**

**APPENDIX B. TEST RESULTS OF ERP/EIRP AND RADIATED TEST**



### REVISION HISTORY

| REPORT NO. | VERSION | DESCRIPTION             | ISSUED DATE   |
|------------|---------|-------------------------|---------------|
| FG7D2018A  | Rev. 01 | Initial issue of report | Feb. 13, 2018 |
|            |         |                         |               |
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## SUMMARY OF TEST RESULT

| Report Section | FCC Rule   | Description                                   | Limit                  | Result | Remark                               |
|----------------|--|---|------------------------|--------|--------------------------------------|
| 3.4            | §2.1046  | Conducted Output Power                        | Reporting Only         | PASS   | -                                    |
|                | §22.913(a)(2)                                    | Effective Radiated Power                      | < 7 Watts              | PASS   | -                                    |
|                | §24.232(c)                                       | Equivalent Isotropic Radiated Power           | < 2 Watts              | PASS   | -                                    |
|                | §27.50(d)(4)                                     | Equivalent Isotropic Radiated Power           | < 1 Watts              | PASS   | -                                    |
| 3.5            | §24.232(d)                                       | Peak-to-Average Ratio                         | < 13 dB                | PASS   | -                                    |
| 3.6            | §2.1049<br>§22.917(b)<br>§24.238(b)<br>§27.53(g) | Occupied Bandwidth                            | Reporting Only         | PASS   | -                                    |
| 3.7            | §2.1051<br>§22.917(a)<br>§24.238(a)<br>§27.53(h) | Band Edge Measurement                         | < 43+10log10(P[Watts]) | PASS   | -                                    |
| 3.8            | §2.1051<br>§22.917(a)<br>§24.238(a)<br>§27.53(h) | Conducted Emission                            | < 43+10log10(P[Watts]) | PASS   | -                                    |
| 3.9            | §2.1055<br>§22.355                               | Frequency Stability for Temperature & Voltage | < 2.5 ppm for Part 22  | PASS   | -                                    |
|                | §2.1055<br>§24.235<br>§27.54                     |   | Within Authorized Band |        |                                      |
| 4.4            | §2.1053<br>§22.917(a)<br>§24.238(a)<br>§27.53(h) | Field Strength of Spurious Radiation          | < 43+10log10(P[Watts]) | PASS   | Under limit 27.46 dB at 3819.000 MHz |



# 1 General Description

## 1.1 Applicant

**Motorola Mobility LLC**  
222 W. Merchandise Mart Plaza, Chicago IL 60654, USA

## 1.2 Manufacturer

**Motorola Mobility LLC**  
222 W. Merchandise Mart Plaza, Chicago IL 60654, USA

## 1.3 Product Feature of Equipment Under Test

| Product Feature                        |   |
|--|---|
| <b>Equipment</b>                       | Mobile Cellular Phone   |
| <b>Brand Name</b>                      | Motorola  |
| <b>Model Name</b>                      | XT1921-5, XT1921-3  |
| <b>FCC ID</b>                          | IHDT56XC2   |
| <b>IMEI Code</b>                       | 990005440085216 (for Radiation)<br>990005440087469 (for Conducted)  |
| <b>EUT supports Radios application</b> | CDMA/EV-DO/GSM/EGPRS/WCDMA/HSPA/LTE/FM/GNSS<br>WLAN 11b/g/n HT20<br>WLAN 11a/n HT20/HT40<br>Bluetooth BR/EDR/LE |
| <b>HW Version</b>                      | DVT1B   |
| <b>EUT Stage</b>                       | Identical Prototype   |

**Remark:** The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

| Accessory List      |  |
|---------------------|--|
| <b>AC Adapter 1</b> | Brand Name : Motorola                    |
|                     | Model Name : C-P35                       |
| <b>AC Adapter 2</b> | Brand Name : Motorola                    |
|                     | Model Name : SSW-2919UMTJ C-P35 SPN5945A |
| <b>AC Adapter 3</b> | Brand Name : Motorola                    |
|                     | Model Name : C-P56                       |
| <b>AC Adapter 4</b> | Brand Name : Motorola                    |
|                     | Model Name : C-P56                       |
| <b>Battery</b>      | Brand Name : Motorola                    |
|                     | Model Name : GK40                        |
| <b>USB Cable</b>    | Brand Name : Saibao                      |
|                     | Model Name : SWT-A083A                   |



### 1.4 Product Specification of Equipment Under Test

| Standards-related Product Specification |   |
|---|---|
| <b>Tx Frequency</b>                     | <p><b>GSM/GPRS/EDGE:</b><br/>                     850: 824.2 MHz ~ 848.8 MHz<br/>                     1900: 1850.2 MHz ~ 1909.8MHz</p> <p><b>WCDMA:</b><br/>                     Band V: 826.4 MHz ~ 846.6 MHz<br/>                     Band II: 1852.4 MHz ~ 1907.6 MHz<br/>                     Band IV: 1712.4 MHz ~ 1752.6 MHz</p> <p><b>CDMA2000:</b><br/>                     BC0: 824.70 MHz ~ 848.31 MHz<br/>                     BC1: 1851.25 MHz ~ 1908.75 MHz</p>  |
| <b>Rx Frequency</b>                     | <p><b>GSM/GPRS/EDGE:</b><br/>                     850: 869.2 MHz ~ 893.8 MHz<br/>                     1900: 1930.2 MHz ~ 1989.8 MHz</p> <p><b>WCDMA:</b><br/>                     Band V: 871.4 MHz ~ 891.6 MHz<br/>                     Band II: 1932.4 MHz ~ 1987.6 MHz<br/>                     Band IV: 2112.4 MHz ~ 2152.6 MHz</p> <p><b>CDMA2000:</b><br/>                     BC0: 869.70 MHz ~ 893.31 MHz<br/>                     BC1: 1931.25 MHz ~ 1988.75 MHz</p> |
| <b>Maximum Output Power to Antenna</b>  | <p><b>GSM/GPRS/EDGE:</b><br/>                     850: 33.48 dBm<br/>                     1900: 30.89 dBm</p> <p><b>WCDMA:</b><br/>                     Band V: 22.55 dBm<br/>                     Band II: 23.22 dBm<br/>                     Band IV: 23.10 dBm</p> <p><b>CDMA2000:</b><br/>                     BC0: 24.00 dBm<br/>                     BC1: 24.32 dBm</p>   |
| <b>Antenna Type</b>                     | PIFA Antenna and Coupling type (LDS) Antenna  |
| <b>Antenna Gain</b>                     | Cellular Band: -0.71 dBi<br>PCS Band: 1.82 dBi<br>AWS Band: 1.58 dBi  |
| <b>Type of Modulation</b>               | GSM: GMSK<br>GPRS: GMSK<br>EDGE: GMSK / 8PSK<br>WCDMA: BPSK (Uplink)<br>HSDPA: 64QAM (Downlink)<br>HSUPA: QPSK (Uplink)<br>CDMA2000 1xRTT: QPSK<br>CDMA2000 1xEV-DO: QPSK/8PSK  |



### 1.5 Modification of EUT

No modifications are made to the EUT during all test items.

### 1.6 Maximum ERP/EIRP Power, Frequency Tolerance, and Emission Designator

| FCC Rule | Frequency Range (MHz) | System                        | Type of Modulation | Maximum ERP/EIRP (W) | Frequency Tolerance (ppm) | Emission Designator |
|----------|-----------------------|-------------------------------|--------------------|----------------------|---------------------------|---------------------|
| Part 22  | 824.2 ~848.8          | GSM850<br>GPRS class 8        | GMSK               | 1.1535               | 0.0191 ppm                | 245KGXW             |
| Part 22  | 824.2 ~848.8          | GSM850<br>EDGE class 8        | 8PSK               | 0.1968               | 0.0096 ppm                | 250KG7W             |
| Part 22  | 826.4 ~846.6          | WCDMA Band V<br>RMC 12.2Kbps  | BPSK               | 0.0931               | 0.0155 ppm                | 4M13F9W             |
| Part 22  | 824.70 ~ 848.31       | CDMA2000 BC0<br>1xRTT         | QPSK               | 0.1300               | 0.0335 ppm                | 1M27F9W             |
| Part 22  | 824.70 ~ 848.31       | CDMA2000 BC0<br>1xEV-DO       | QPSK               | 0.1297               | 0.0418 ppm                | 1M28F9W             |
| Part 24  | 1850.2 ~1909.8        | GSM1900<br>GPRS class 8       | GMSK               | 1.8664               | 0.0074 ppm                | 245KGXW             |
| Part 24  | 1850.2 ~1909.8        | GSM1900<br>EDGE class 8       | 8PSK               | 0.5129               | 0.0128 ppm                | 247KG7W             |
| Part 24  | 1852.4 ~ 1907.6       | WCDMA Band II<br>RMC 12.2Kbps | BPSK               | 0.3192               | 0.0112 ppm                | 4M16F9W             |
| Part 24  | 1851.25 ~ 1908.75     | CDMA2000 BC1<br>1xRTT         | QPSK               | 0.4111               | 0.0489 ppm                | 1M28F9W             |
| Part 24  | 1851.25 ~ 1908.75     | CDMA2000 BC1<br>1xEV-DO       | QPSK               | 0.4102               | 0.0505 ppm                | 1M28F9W             |
| Part 27  | 1712.4 ~ 1752.6       | WCDMA Band IV<br>RMC 12.2Kbps | BPSK               | 0.2938               | 0.0185 ppm                | 4M15F9W             |



### 1.7 Testing Location

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code : 1190) and the FCC designation No. TW1190 and TW0007 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC Test.

|                           |  |
|---------------------------|--|
| <b>Test Site</b>          | SPORTON INTERNATIONAL INC.   |
| <b>Test Site Location</b> | No. 52, Hwa Ya 1 <sup>st</sup> Rd., Hwa Ya Technology Park,<br>Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C.<br>TEL: +886-3-327-3456<br>FAX: +886-3-328-4978 |
| <b>Test Site No.</b>      | <b>Sporton Site No.</b><br>TH03-HY   |

|                           |  |
|---------------------------|--|
| <b>Test Site</b>          | SPORTON INTERNATIONAL INC.   |
| <b>Test Site Location</b> | No.58, Aly. 75, Ln. 564, Wenhua 3rd Rd.,<br>Kwei-Shan District, Tao Yuan City, Taiwan R.O.C.<br>TEL: +886-3-327-0868<br>FAX: +886-3-327-0855 |
| <b>Test Site No.</b>      | <b>Sporton Site No. :</b><br>03CH12-HY   |

### 1.8 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR Part 2, 22(H), 24(E), 27(L)
- ♦ ANSI / TIA-603-E
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01

**Remark:**

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.





## 2 Test Configuration of Equipment Under Test

### 2.1 Test Mode

Antenna port conducted and radiated test items were performed according to KDB 971168 D01 Power Meas. License Digital Systems v03 with maximum output power.

Radiated measurements were performed with rotating EUT in different three orthogonal test planes to find the maximum emission.

Radiated emissions were investigated as following frequency range:

1. 30 MHz to 9000 MHz for GSM850 and WCDMA Band V and CDMA BC0.
2. 30 MHz to 18000 MHz for WCDMA Band IV.
3. 30 MHz to 19100 MHz for GSM1900 and WCDMA Band II and CDMA BC1.

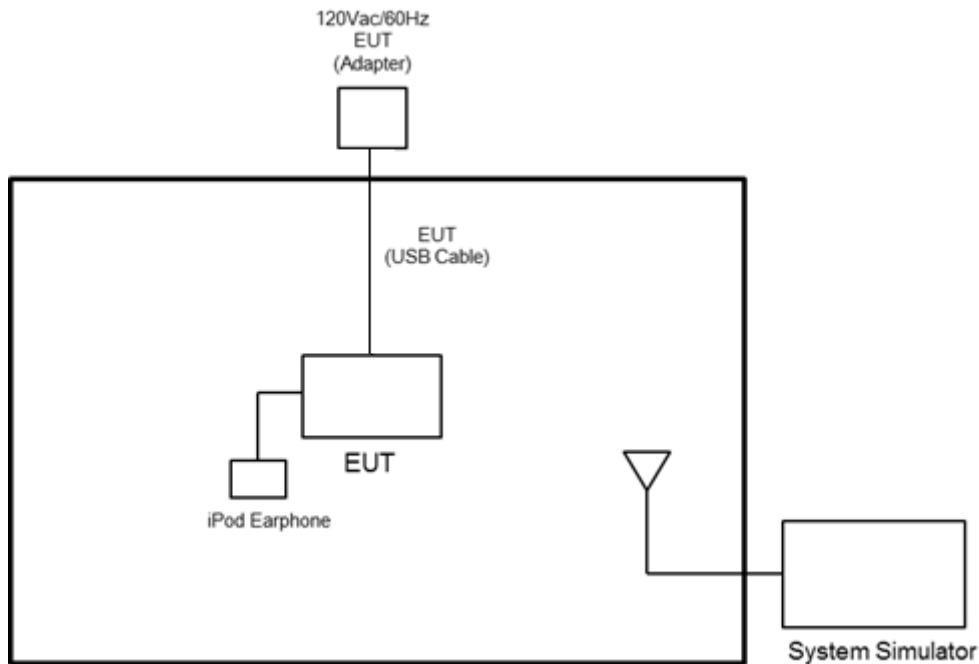
All modes and data rates and positions were investigated.

Test modes are chosen to be reported as the worst case configuration below:

| Test Modes    |  |  |
|---------------|--|--|
| Band          | Radiated TCs   | Conducted TCs  |
| GSM 850       | <ul style="list-style-type: none"> <li>■ GPRS class 8 Link</li> <li>■ EDGE class 8 Link</li> </ul> | <ul style="list-style-type: none"> <li>■ GPRS class 8 Link</li> <li>■ EDGE class 8 Link</li> </ul> |
| GSM 1900      | <ul style="list-style-type: none"> <li>■ GPRS class 8 Link</li> <li>■ EDGE class 8 Link</li> </ul> | <ul style="list-style-type: none"> <li>■ GPRS class 8 Link</li> <li>■ EDGE class 8 Link</li> </ul> |
| WCDMA Band V  | <ul style="list-style-type: none"> <li>■ RMC 12.2Kbps Link</li> </ul>                              | <ul style="list-style-type: none"> <li>■ RMC 12.2Kbps Link</li> </ul>                              |
| WCDMA Band II | <ul style="list-style-type: none"> <li>■ RMC 12.2Kbps Link</li> </ul>                              | <ul style="list-style-type: none"> <li>■ RMC 12.2Kbps Link</li> </ul>                              |
| WCDMA Band IV | <ul style="list-style-type: none"> <li>■ RMC 12.2Kbps Link</li> </ul>                              | <ul style="list-style-type: none"> <li>■ RMC 12.2Kbps Link</li> </ul>                              |
| CDMA BC0      | <ul style="list-style-type: none"> <li>■ 1xRTT Link</li> <li>■ 1xEV-DO Link</li> </ul>             | <ul style="list-style-type: none"> <li>■ 1xRTT Link</li> <li>■ 1xEV-DO Link</li> </ul>             |
| CDMA BC1      | <ul style="list-style-type: none"> <li>■ 1xRTT Link</li> <li>■ 1xEV-DO Link</li> </ul>             | <ul style="list-style-type: none"> <li>■ 1xRTT Link</li> <li>■ 1xEV-DO Link</li> </ul>             |

**Remark:** All the radiated test cases were performance with Adapter 1.

## 2.2 Connection Diagram of Test System



## 2.3 Support Unit used in test configuration

| Item | Equipment        | Trade Name | Model No. | FCC ID | Data Cable | Power Cord        |
|------|------------------|------------|-----------|--------|------------|-------------------|
| 1.   | System Simulator | R&S        | CMU 200   | N/A    | N/A        | Unshielded, 1.8 m |
| 2.   | iPod Earphone    | Apple      | N/A       | N/A    | N/A        | N/A               |

## 2.4 Measurement Results Explanation Example

### For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between RF conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level will be exactly the RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

*Offset = RF cable loss + attenuator factor.*

The following shows an offset computation example with RF cable loss 4.2 dB and a 10dB attenuator.

Example :

$$\begin{aligned} \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 4.2 + 10 = 14.2 \text{ (dB)} \end{aligned}$$



## 2.5 Frequency List of Low/Middle/High Channels

| Frequency List |                        |         |        |         |
|----------------|------------------------|---------|--------|---------|
| Band           | Channel/Frequency(MHz) | Lowest  | Middle | Highest |
| GSM850         | Channel                | 128     | 189    | 251     |
|                | Frequency              | 824.2   | 836.4  | 848.8   |
| WCDMA Band V   | Channel                | 4132    | 4182   | 4233    |
|                | Frequency              | 826.4   | 836.4  | 846.6   |
| GSM1900        | Channel                | 512     | 661    | 810     |
|                | Frequency              | 1850.2  | 1880.0 | 1909.8  |
| WCDMA Band II  | Channel                | 9262    | 9400   | 9538    |
|                | Frequency              | 1852.4  | 1880.0 | 1907.6  |
| WCDMA Band IV  | Channel                | 1312    | 1413   | 1513    |
|                | Frequency              | 1712.4  | 1732.6 | 1752.6  |
| CDMA200 BC0    | Channel                | 1013    | 384    | 777     |
|                | Frequency              | 824.7   | 836.52 | 848.31  |
| CDMA200 BC1    | Channel                | 25      | 600    | 1175    |
|                | Frequency              | 1851.25 | 1880.0 | 1908.75 |

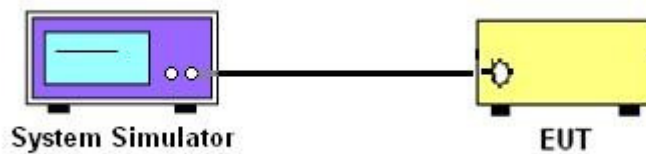
### 3 Conducted Test Result

#### 3.1 Measuring Instruments

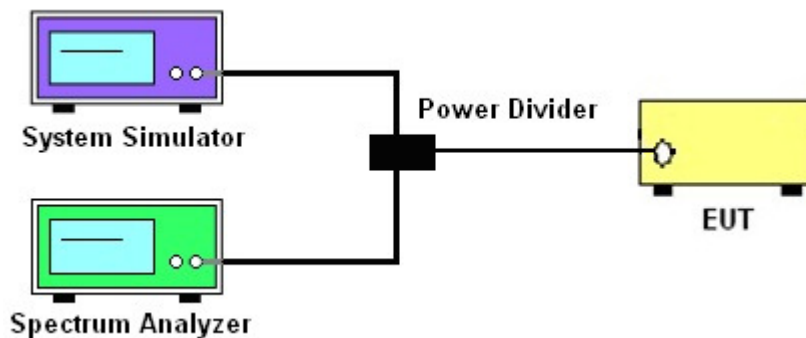
See list of measuring instruments of this test report.

#### 3.2 Test Setup

##### 3.2.1 Conducted Output Power



##### 3.2.2 Peak-to-Average Ratio, Occupied Bandwidth, Conducted Band-Edge and Conducted Spurious Emission



##### 3.2.3 Frequency Stability



### 3.3 Test Result of Conducted Test

Please refer to Appendix A.



### 3.4 Conducted Output Power and ERP/EIRP

#### 3.4.1 Description of the Conducted Output Power and ERP/EIRP

A system simulator was used to establish communication with the EUT. Its parameters were set to enforce EUT transmitting at the maximum power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The ERP of mobile transmitters must not exceed 7 Watts for GSM850 and WCDMA Band V and CDMA BC0.

The EIRP of mobile transmitters must not exceed 2 Watts for GSM1900 and WCDMA Band II and CDMA BC1.

The EIRP of mobile transmitters must not exceed 1 Watts for WCDMA Band IV.

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - L_C$ ,  $ERP = EIRP - 2.15$ , where

$P_T$  = transmitter output power in dBm

$G_T$  = gain of the transmitting antenna in dBi

$L_C$  = signal attenuation in the connecting cable between the transmitter and antenna in dB

#### 3.4.2 Test Procedures

1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure the maximum burst average power for GSM and maximum average power for other modulation signal.



## **3.5 Peak-to-Average Ratio**

### **3.5.1 Description of the PAR Measurement**

The peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

### **3.5.2 Test Procedures**

1. The testing follows FCC KDB 971168 D01 v03 Section 5.7.1.
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. Set EUT to transmit at maximum output power.
4. When the duty cycle is less than 98%, then signal gating will be implemented on the spectrum analyzer by triggering from the system simulator.
5. Set the CCDF (Complementary Cumulative Distribution Function) option of the spectrum analyzer.  
Record the maximum PAPR level associated with a probability of 0.1%.



## **3.6 99% Occupied Bandwidth and 26dB Bandwidth Measurement**

### **3.6.1 Description of 99% Occupied Bandwidth and 26dB Bandwidth Measurement**

The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

### **3.6.2 Test Procedures**

1. The testing follows FCC KDB 971168 v03 Section 4.2.
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
4. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
5. Set the detection mode to peak, and the trace mode to max hold.
6. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace.  
(this is the reference value)
7. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
8. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “-X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
9. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.



## **3.7 Conducted Band Edge**

### **3.7.1 Description of Conducted Band Edge Measurement**

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least  $43 + 10 \log (P)$  dB.

### **3.7.2 Test Procedures**

1. The testing follows FCC KDB 971168 D01 v03 Section 6.0.
2. The EUT was connected to the spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by an RF cable and attenuator. The path loss was compensated to the results for each measurement.
4. The band edges of low and high channels for the highest RF powers were measured.
5. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
6. The limit line is derived from  $43 + 10\log(P)$  dB below the transmitter power P(Watts)





### **3.8 Conducted Spurious Emission**

#### **3.8.1 Description of Conducted Spurious Emission Measurement**

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least  $43 + 10 \log (P)$  dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10<sup>th</sup> harmonic.

#### **3.8.2 Test Procedures**

1. The testing follows FCC KDB 971168 D01 v03 Section 6.0.
2. The EUT was connected to the spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by an RF cable and attenuator. The path loss was compensated to the results for each measurement.
4. The middle channel for the highest RF power within the transmitting frequency was measured.
5. The conducted spurious emission for the whole frequency range was taken.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. The limit line is derived from  $43 + 10\log(P)$  dB below the transmitter power P(Watts)



### **3.9 Frequency Stability**

#### **3.9.1 Description of Frequency Stability Measurement**

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within  $\pm 0.00025\%$  ( $\pm 2.5\text{ppm}$ ) of the center frequency.

#### **3.9.2 Test Procedures for Temperature Variation**

1. The testing follows FCC KDB 971168 D01 v03 Section 9.0.
2. The EUT was set up in the thermal chamber and connected with the system simulator.
3. With power OFF, the temperature was decreased to  $-30^{\circ}\text{C}$  and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
4. With power OFF, the temperature was raised in  $10^{\circ}\text{C}$  steps up to  $50^{\circ}\text{C}$ . The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

#### **3.9.3 Test Procedures for Voltage Variation**

1. The testing follows FCC KDB 971168 D01 v03 Section 9.0.
2. The EUT was placed in a temperature chamber at  $20\pm 5^{\circ}\text{C}$  and connected with the system simulator.
3. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
4. The variation in frequency was measured for the worst case.

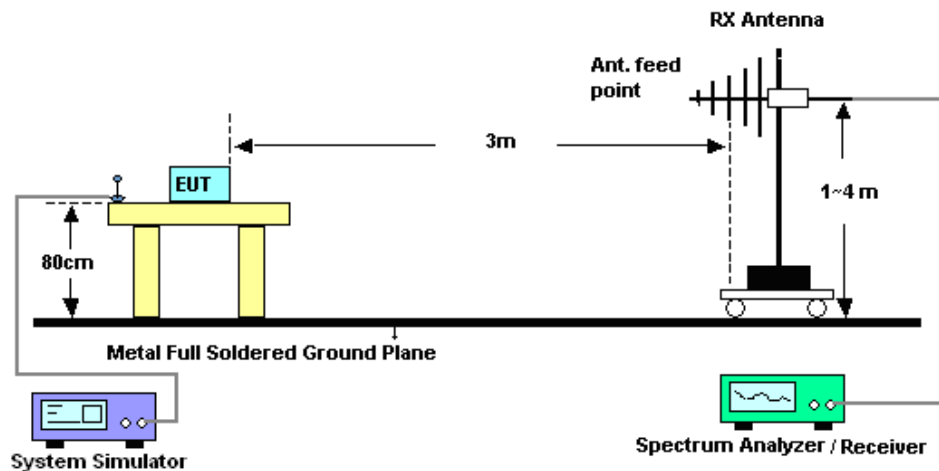
## 4 Radiated Test Items

### 4.1 Measuring Instruments

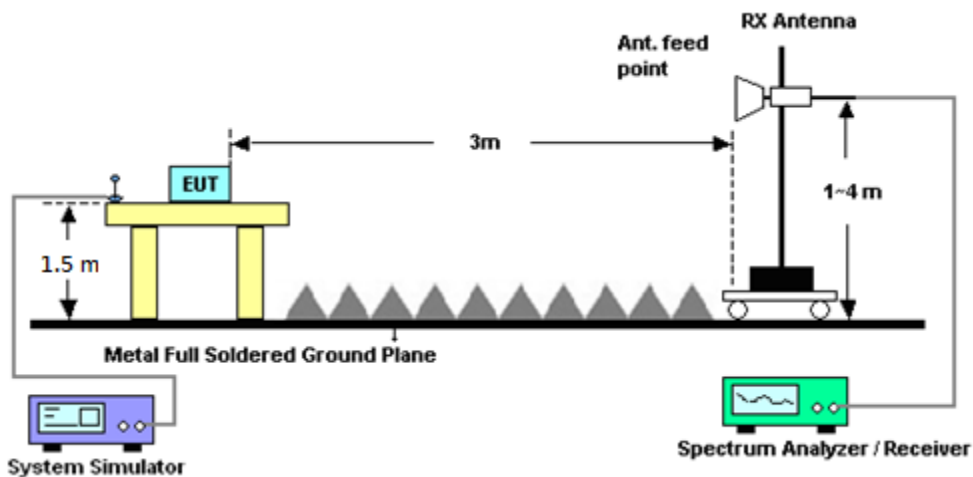
See list of measuring instruments of this test report.

### 4.2 Test Setup

#### 4.2.1 For radiated test from 30MHz to 1GHz



#### 4.2.2 For radiated test above 1GHz



### 4.3 Test Result of Radiated Test

Please refer to Appendix B.



## 4.4 Field Strength of Spurious Radiation Measurement

### 4.4.1 Description of Field Strength of Spurious Radiated Measurement

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least  $43 + 10 \log (P)$  dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

### 4.4.2 Test Procedures

1. The testing follows FCC KDB 971168 D01 v03 Section 5.8 and ANSI / TIA-603-E Section 2.2.12.
2. The EUT was placed on a rotatable wooden table 0.8 meters for frequency below 1GHz and 1.5 meter for frequency above 1GHz above the ground.
3. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between one meter and four meters to search for the maximum spurious emission for both horizontal and vertical polarizations.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking record of maximum spurious emission.
7. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
8. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
9. Taking the record of output power at antenna port.
10. Repeat step 7 to step 8 for another polarization.
11.  $EIRP \text{ (dBm)} = S.G. \text{ Power} - Tx \text{ Cable Loss} + Tx \text{ Antenna Gain}$
12.  $ERP \text{ (dBm)} = EIRP - 2.15$
13. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
14. The limit line is derived from  $43 + 10\log(P)$  dB below the transmitter power P(Watts)



## 5 List of Measuring Equipment

| Instrument                | Manufacturer    | Model No.                 | Serial No.       | Characteristics               | Calibration Date | Test Date                       | Due Date      | Remark                |
|---------------------------|-----------------|---------------------------|------------------|-------------------------------|------------------|---------------------------------|---------------|-----------------------|
| Spectrum Analyzer         | Rohde & Schwarz | FSP30                     | 101329           | 9kHz~30GHz                    | Jun. 26, 2017    | Dec. 27, 2017~<br>Dec. 29, 2017 | Jun. 25, 2018 | Conducted (TH03-HY)   |
| Temperature Chamber       | ESPEC           | SU-641                    | 92013721         | -30°C ~70°C                   | Nov. 16, 2016    | Dec. 27, 2017~<br>Dec. 29, 2017 | Nov. 15, 2018 | Conducted (TH03-HY)   |
| Programmable Power Supply | GW Instek       | PSS-2005                  | EL883644         | Voltage:0~20V;Current:0~5A    | Nov. 22, 2016    | Dec. 27, 2017~<br>Dec. 29, 2017 | Nov. 21, 2018 | Conducted (TH03-HY)   |
| Base Station (Measure)    | Rohde & Schwarz | CMU200                    | 117995           | GSM / GPRS / WCDMA / CDMA     | Aug. 09, 2017    | Dec. 27, 2017~<br>Dec. 29, 2017 | Aug. 08, 2018 | Conducted (TH03-HY)   |
| Amplifier                 | MITEQ           | TTA1840-35-HG             | 1871923          | 18GHz~40GHz, VSWR : 2.5:1 max | Jul. 18, 2017    | Dec. 25, 2017~<br>Jan. 08, 2018 | Jul. 17, 2018 | Radiation (03CH12-HY) |
| Bilog Antenna             | TESEQ           | CBL 6111D&00800 N1D01N-06 | 35413&02         | 30MHz~1GHz                    | Dec. 18, 2017    | Dec. 25, 2017~<br>Jan. 08, 2018 | Dec. 17, 2018 | Radiation (03CH12-HY) |
| Horn Antenna              | SCHWARZBECK     | BBHA 9120D                | 9120D-1328       | 1GHz ~ 18GHz                  | Oct. 20, 2017    | Dec. 25, 2017~<br>Jan. 08, 2018 | Oct. 19, 2018 | Radiation (03CH12-HY) |
| Preamplifier              | COM-POWER       | PA-103                    | 161075           | 10MHz~1GHz                    | Mar. 23, 2017    | Dec. 25, 2017~<br>Jan. 08, 2018 | Mar. 22, 2018 | Radiation (03CH12-HY) |
| Preamplifier              | Keysight        | 83017A                    | MY53270148       | 1GHz~26.5GHz                  | Jan. 12, 2017    | Dec. 25, 2017~<br>Jan. 08, 2018 | Jan. 11, 2018 | Radiation (03CH12-HY) |
| Antenna Mast              | EMEC            | AM-BS-4500-B              | N/A              | 1m~4m                         | N/A              | Dec. 25, 2017~<br>Jan. 08, 2018 | N/A           | Radiation (03CH12-HY) |
| Turn Table                | EMEC            | TT2000                    | N/A              | 0~360 Degree                  | N/A              | Dec. 25, 2017~<br>Jan. 08, 2018 | N/A           | Radiation (03CH12-HY) |
| SHF-EHF Horn Antenna      | SCHWARZBECK     | BBHA 9170                 | BBHA9170576      | 18GHz ~ 40GHz                 | Apr. 27, 2017    | Dec. 25, 2017~<br>Jan. 08, 2018 | Apr. 26, 2018 | Radiation (03CH12-HY) |
| Spectrum Analyzer         | Agilent         | N9030A                    | MY52350276       | 3Hz~44GHz                     | Mar. 23, 2017    | Dec. 25, 2017~<br>Jan. 08, 2018 | Mar. 22, 2018 | Radiation (03CH12HY)  |
| Horn Antenna              | SCHWARZBECK     | BBHA 9120 D               | BBHA 9120 D 1212 | 1GHz ~ 18GHz                  | Mar. 17, 2017    | Dec. 25, 2017~<br>Jan. 08, 2018 | Mar. 16, 2018 | Radiation (03CH12-HY) |
| SHF-EHF Horn Antenna      | SCHWARZBECK     | BBHA 9170                 | BBHA9170584      | 18GHz- 40GHz                  | Nov. 27, 2017    | Dec. 25, 2017~<br>Jan. 08, 2018 | Nov. 26, 2018 | Radiation (03CH12-HY) |
| Signal Generator          | Rohde & Schwarz | SMF100A                   | 101107           | 100kHz~40GHz                  | May 22, 2017     | Dec. 25, 2017~<br>Jan. 08, 2018 | May 21, 2018  | Radiation (03CH12-HY) |



## 6 Uncertainty of Evaluation

### Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

|   |      |
|---|------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 3.36 |
|---|------|

### Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

|   |      |
|---|------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 3.70 |
|---|------|

### Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

|   |      |
|---|------|
| Measuring Uncertainty for a Level of Confidence of 95% ( $U = 2Uc(y)$ ) | 3.98 |
|---|------|



## Appendix A. Test Results of Conducted Test

### Conducted Output Power(Average power)

| Conducted Power (*Unit: dBm) |        |       |       |         |       |        |
|------------------------------|--------|-------|-------|---------|-------|--------|
| Band                         | GSM850 |       |       | GSM1900 |       |        |
| Channel                      | 128    | 189   | 251   | 512     | 661   | 810    |
| Frequency                    | 824.2  | 836.4 | 848.8 | 1850.2  | 1880  | 1909.8 |
| GSM                          | 33.10  | 33.42 | 33.41 | 30.77   | 30.86 | 30.62  |
| GPRS class 8                 | 33.14  | 33.45 | 33.48 | 30.80   | 30.89 | 30.67  |
| GPRS class 10                | 29.88  | 30.00 | 30.09 | 27.31   | 27.69 | 27.40  |
| GPRS class 11                | 27.68  | 27.79 | 27.77 | 25.39   | 25.62 | 25.40  |
| GPRS class 12                | 26.25  | 26.33 | 26.34 | 24.09   | 24.27 | 24.02  |
| EGPRS class 8                | 25.65  | 25.80 | 25.79 | 25.01   | 25.28 | 24.96  |
| EGPRS class 10               | 25.37  | 25.50 | 25.56 | 24.90   | 25.11 | 24.78  |
| EGPRS class 11               | 24.50  | 24.61 | 24.62 | 23.89   | 24.07 | 23.84  |
| EGPRS class 12               | 23.12  | 23.23 | 23.20 | 22.46   | 22.68 | 22.34  |

| Conducted Power (*Unit: dBm) |              |       |       |               |       |        |
|------------------------------|--------------|-------|-------|---------------|-------|--------|
| Band                         | WCDMA Band V |       |       | WCDMA Band II |       |        |
| Channel                      | 4132         | 4182  | 4233  | 9262          | 9400  | 9538   |
| Frequency                    | 826.4        | 836.4 | 846.6 | 1852.4        | 1880  | 1907.6 |
| RMC 12.2K                    | 22.37        | 22.40 | 22.55 | 22.92         | 23.22 | 23.17  |
| HSDPA Subtest-1              | 21.38        | 21.48 | 21.55 | 21.95         | 22.22 | 22.18  |
| HSDPA Subtest-2              | 21.35        | 21.47 | 21.54 | 21.93         | 22.20 | 22.15  |
| HSDPA Subtest-3              | 20.83        | 20.93 | 21.02 | 21.37         | 21.50 | 21.47  |
| HSDPA Subtest-4              | 20.81        | 20.91 | 21.00 | 21.36         | 21.43 | 21.45  |
| HSUPA Subtest-1              | 21.38        | 21.42 | 21.47 | 21.92         | 22.22 | 22.05  |
| HSUPA Subtest-2              | 19.39        | 19.43 | 19.50 | 19.94         | 20.21 | 20.08  |
| HSUPA Subtest-3              | 20.41        | 20.42 | 20.50 | 20.97         | 21.19 | 21.06  |
| HSUPA Subtest-4              | 19.41        | 19.40 | 19.51 | 19.92         | 20.21 | 20.06  |
| HSUPA Subtest-5              | 21.37        | 21.51 | 21.56 | 21.94         | 22.21 | 22.17  |



| Conducted Power (*Unit: dBm) |               |        |              |
|------------------------------|---------------|--------|--------------|
| Band                         | WCDMA Band IV |        |              |
| Channel                      | 1312          | 1413   | 1513         |
| Frequency                    | 1712.4        | 1732.6 | 1752.6       |
| RMC 12.2K                    | 22.85         | 23.01  | <b>23.10</b> |
| HSDPA Subtest-1              | 21.82         | 22.02  | 22.11        |
| HSDPA Subtest-2              | 21.81         | 22.01  | 22.07        |
| HSDPA Subtest-3              | 21.32         | 21.53  | 21.59        |
| HSDPA Subtest-4              | 21.31         | 21.52  | 21.57        |
| HSUPA Subtest-1              | 21.75         | 21.92  | 22.02        |
| HSUPA Subtest-2              | 19.78         | 19.94  | 20.03        |
| HSUPA Subtest-3              | 20.74         | 20.92  | 20.99        |
| HSUPA Subtest-4              | 19.74         | 19.92  | 20.01        |
| HSUPA Subtest-5              | 21.85         | 21.99  | 22.12        |

| Conducted Power (*Unit: dBm) |               |        |              |               |              |         |
|------------------------------|---------------|--------|--------------|---------------|--------------|---------|
| Band                         | CDMA 2000 BC0 |        |              | CDMA 2000 BC1 |              |         |
| Channel                      | 1013          | 384    | 777          | 25            | 600          | 1175    |
| Frequency                    | 824.7         | 836.52 | 848.31       | 1851.25       | 1880         | 1908.75 |
| 1xRTT RC1 SO55               | 23.70         | 23.86  | 23.91        | 24.11         | 24.16        | 24.08   |
| 1xRTT RC3 SO55               | 23.80         | 23.92  | <b>24.00</b> | 24.18         | <b>24.32</b> | 24.14   |
| 1xRTT RC3 SO32 (+ F-SCH)     | 23.68         | 23.81  | 23.85        | 24.15         | 24.25        | 24.09   |
| 1xRTT RC3 SO32 (+SCH)        | 23.69         | 23.85  | 23.88        | 24.12         | 24.23        | 24.06   |
| 1xEVDO RTAP 153.6Kbps        | 23.79         | 23.91  | <b>23.99</b> | 24.17         | <b>24.31</b> | 24.13   |
| 1xEVDO RETAP 4096Bits        | 23.72         | 23.87  | 23.94        | 24.15         | 24.28        | 24.11   |





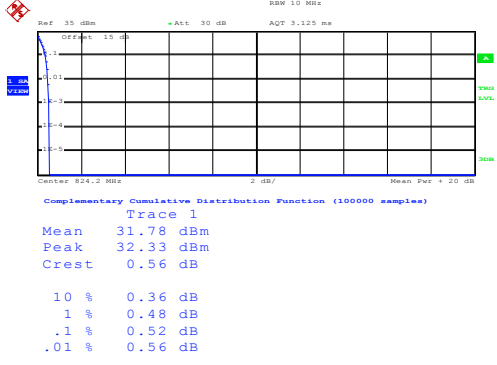
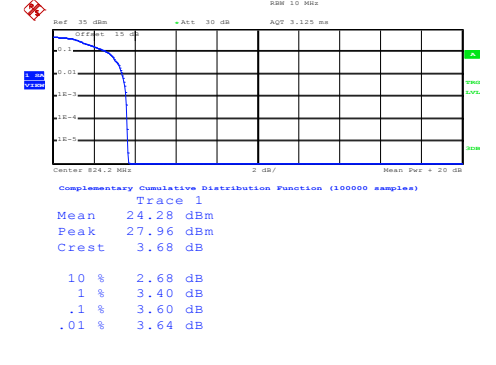
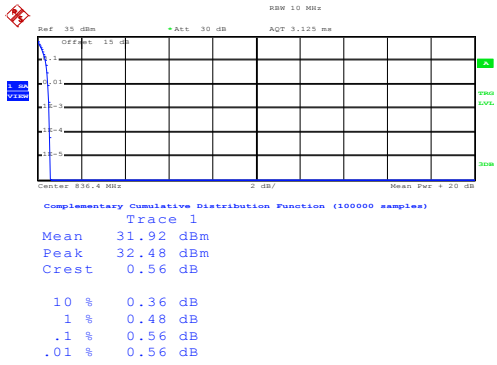
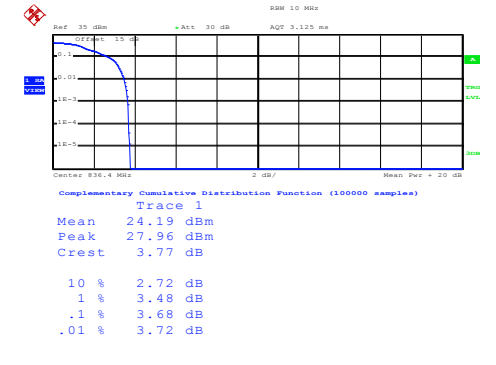
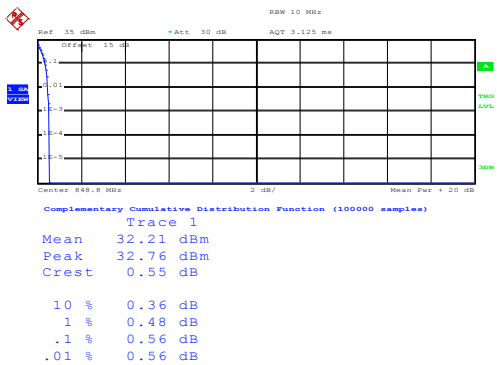
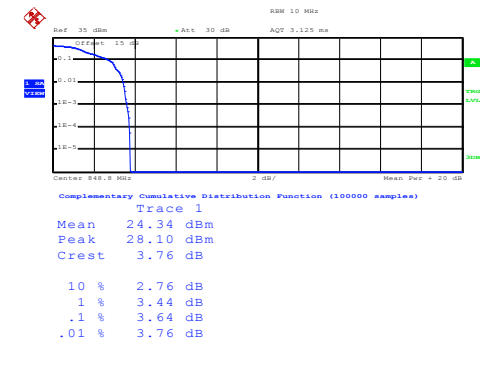
## A2. GSM

### Peak-to-Average Ratio

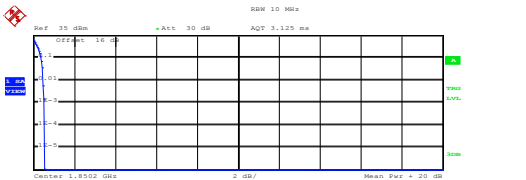
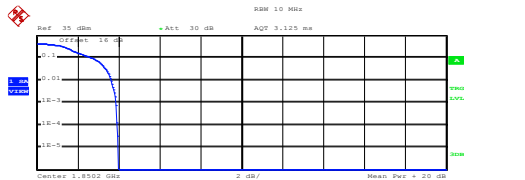

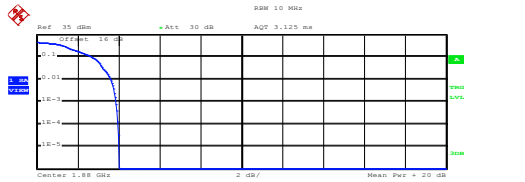
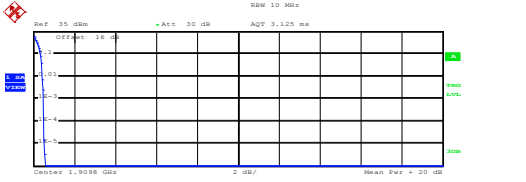
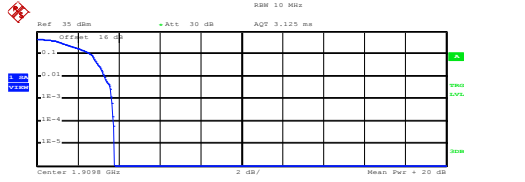
| Mode       | GSM850       |              | Limit: 13dB |
|------------|--------------|--------------|-------------|
| Mod.       | GPRS class 8 | EDGE class 8 | Result      |
| Lowest CH  | 0.52         | 3.60         | PASS        |
| Middle CH  | 0.56         | 3.68         |             |
| Highest CH | 0.56         | 3.64         |             |

| Mode       | GSM1900      |              | Limit: 13dB |
|------------|--------------|--------------|-------------|
| Mod.       | GPRS class 8 | EDGE class 8 | Result      |
| Lowest CH  | 0.52         | 3.88         | PASS        |
| Middle CH  | 0.52         | 3.88         |             |
| Highest CH | 0.52         | 3.64         |             |



| GSM850 (GPRS class 8)   | GSM850 (EDGE class 8) |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
|---|-----------------------|---------|-----|---------|------|---------|-------|---------|--|------|---------|-----|---------|------|---------|-------|---------|
| <p align="center"><b>Lowest Channel</b></p>  <p>Center: 824.2 MHz    2 dB/    Mean Pwr + 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)</p> <p>Trace 1</p> <p>Mean 31.78 dBm<br/>Peak 32.33 dBm<br/>Crest 0.56 dB</p> <table border="1"> <tr><td>10 %</td><td>0.36 dB</td></tr> <tr><td>1 %</td><td>0.48 dB</td></tr> <tr><td>.1 %</td><td>0.52 dB</td></tr> <tr><td>.01 %</td><td>0.56 dB</td></tr> </table> <p>Date: 27.DEC.2017 10:23:34</p>    | 10 %                  | 0.36 dB | 1 % | 0.48 dB | .1 % | 0.52 dB | .01 % | 0.56 dB | <p align="center"><b>Lowest Channel</b></p>  <p>Center: 824.2 MHz    2 dB/    Mean Pwr + 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)</p> <p>Trace 1</p> <p>Mean 24.28 dBm<br/>Peak 27.96 dBm<br/>Crest 3.68 dB</p> <table border="1"> <tr><td>10 %</td><td>2.68 dB</td></tr> <tr><td>1 %</td><td>3.40 dB</td></tr> <tr><td>.1 %</td><td>3.60 dB</td></tr> <tr><td>.01 %</td><td>3.64 dB</td></tr> </table> <p>Date: 27.DEC.2017 10:53:22</p>    | 10 % | 2.68 dB | 1 % | 3.40 dB | .1 % | 3.60 dB | .01 % | 3.64 dB |
| 10 %  | 0.36 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 1 %   | 0.48 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .1 %  | 0.52 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .01 %   | 0.56 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 10 %  | 2.68 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 1 %   | 3.40 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .1 %  | 3.60 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .01 %   | 3.64 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| <p align="center"><b>Middle Channel</b></p>  <p>Center: 836.4 MHz    2 dB/    Mean Pwr + 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)</p> <p>Trace 1</p> <p>Mean 31.92 dBm<br/>Peak 32.48 dBm<br/>Crest 0.56 dB</p> <table border="1"> <tr><td>10 %</td><td>0.36 dB</td></tr> <tr><td>1 %</td><td>0.48 dB</td></tr> <tr><td>.1 %</td><td>0.56 dB</td></tr> <tr><td>.01 %</td><td>0.56 dB</td></tr> </table> <p>Date: 27.DEC.2017 10:23:50</p>   | 10 %                  | 0.36 dB | 1 % | 0.48 dB | .1 % | 0.56 dB | .01 % | 0.56 dB | <p align="center"><b>Middle Channel</b></p>  <p>Center: 836.4 MHz    2 dB/    Mean Pwr + 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)</p> <p>Trace 1</p> <p>Mean 24.19 dBm<br/>Peak 27.96 dBm<br/>Crest 3.77 dB</p> <table border="1"> <tr><td>10 %</td><td>2.72 dB</td></tr> <tr><td>1 %</td><td>3.48 dB</td></tr> <tr><td>.1 %</td><td>3.68 dB</td></tr> <tr><td>.01 %</td><td>3.72 dB</td></tr> </table> <p>Date: 27.DEC.2017 10:53:44</p>   | 10 % | 2.72 dB | 1 % | 3.48 dB | .1 % | 3.68 dB | .01 % | 3.72 dB |
| 10 %  | 0.36 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 1 %   | 0.48 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .1 %  | 0.56 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .01 %   | 0.56 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 10 %  | 2.72 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 1 %   | 3.48 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .1 %  | 3.68 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .01 %   | 3.72 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| <p align="center"><b>Highest Channel</b></p>  <p>Center: 848.8 MHz    2 dB/    Mean Pwr + 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)</p> <p>Trace 1</p> <p>Mean 32.21 dBm<br/>Peak 32.76 dBm<br/>Crest 0.55 dB</p> <table border="1"> <tr><td>10 %</td><td>0.36 dB</td></tr> <tr><td>1 %</td><td>0.48 dB</td></tr> <tr><td>.1 %</td><td>0.56 dB</td></tr> <tr><td>.01 %</td><td>0.56 dB</td></tr> </table> <p>Date: 27.DEC.2017 10:24:07</p> | 10 %                  | 0.36 dB | 1 % | 0.48 dB | .1 % | 0.56 dB | .01 % | 0.56 dB | <p align="center"><b>Highest Channel</b></p>  <p>Center: 848.8 MHz    2 dB/    Mean Pwr + 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)</p> <p>Trace 1</p> <p>Mean 24.34 dBm<br/>Peak 28.10 dBm<br/>Crest 3.76 dB</p> <table border="1"> <tr><td>10 %</td><td>2.76 dB</td></tr> <tr><td>1 %</td><td>3.44 dB</td></tr> <tr><td>.1 %</td><td>3.64 dB</td></tr> <tr><td>.01 %</td><td>3.76 dB</td></tr> </table> <p>Date: 27.DEC.2017 10:54:01</p> | 10 % | 2.76 dB | 1 % | 3.44 dB | .1 % | 3.64 dB | .01 % | 3.76 dB |
| 10 %  | 0.36 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 1 %   | 0.48 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .1 %  | 0.56 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .01 %   | 0.56 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 10 %  | 2.76 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 1 %   | 3.44 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .1 %  | 3.64 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .01 %   | 3.76 dB               |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |



| GSM1900 (GPRS class 8)   | GSM1900 (EDGE class 8) |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
|--|------------------------|---------|-----|---------|------|---------|-------|---------|---|------|---------|-----|---------|------|---------|-------|---------|
| <p style="text-align: center;"><b>Lowest Channel</b></p>  <p>Center: 1.8502 GHz    2 dB/    Mean Pwr = 29 dBm</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean 28.96 dBm<br/>Peak 29.51 dBm<br/>Crest 0.55 dB</p> <table border="1"> <tr><td>10 %</td><td>0.36 dB</td></tr> <tr><td>1 %</td><td>0.48 dB</td></tr> <tr><td>.1 %</td><td>0.52 dB</td></tr> <tr><td>.01 %</td><td>0.56 dB</td></tr> </table> <p>Date: 27.DEC.2017 11:10:50</p>    | 10 %                   | 0.36 dB | 1 % | 0.48 dB | .1 % | 0.52 dB | .01 % | 0.56 dB | <p style="text-align: center;"><b>Lowest Channel</b></p>  <p>Center: 1.8502 GHz    2 dB/    Mean Pwr = 20 dBm</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean 23.01 dBm<br/>Peak 26.97 dBm<br/>Crest 3.97 dB</p> <table border="1"> <tr><td>10 %</td><td>2.72 dB</td></tr> <tr><td>1 %</td><td>3.64 dB</td></tr> <tr><td>.1 %</td><td>3.88 dB</td></tr> <tr><td>.01 %</td><td>3.92 dB</td></tr> </table> <p>Date: 27.DEC.2017 11:22:50</p>    | 10 % | 2.72 dB | 1 % | 3.64 dB | .1 % | 3.88 dB | .01 % | 3.92 dB |
| 10 %   | 0.36 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| 1 %  | 0.48 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .1 %   | 0.52 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .01 %  | 0.56 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| 10 %   | 2.72 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| 1 %  | 3.64 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .1 %   | 3.88 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .01 %  | 3.92 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| <p style="text-align: center;"><b>Middle Channel</b></p>  <p>Center: 1.88 GHz    2 dB/    Mean Pwr = 20 dBm</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean 29.15 dBm<br/>Peak 29.65 dBm<br/>Crest 0.50 dB</p> <table border="1"> <tr><td>10 %</td><td>0.36 dB</td></tr> <tr><td>1 %</td><td>0.44 dB</td></tr> <tr><td>.1 %</td><td>0.52 dB</td></tr> <tr><td>.01 %</td><td>0.52 dB</td></tr> </table> <p>Date: 27.DEC.2017 11:11:10</p>     | 10 %                   | 0.36 dB | 1 % | 0.44 dB | .1 % | 0.52 dB | .01 % | 0.52 dB | <p style="text-align: center;"><b>Middle Channel</b></p>  <p>Center: 1.88 GHz    2 dB/    Mean Pwr = 20 dBm</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean 23.32 dBm<br/>Peak 27.33 dBm<br/>Crest 4.01 dB</p> <table border="1"> <tr><td>10 %</td><td>2.72 dB</td></tr> <tr><td>1 %</td><td>3.60 dB</td></tr> <tr><td>.1 %</td><td>3.88 dB</td></tr> <tr><td>.01 %</td><td>3.96 dB</td></tr> </table> <p>Date: 27.DEC.2017 11:23:08</p>     | 10 % | 2.72 dB | 1 % | 3.60 dB | .1 % | 3.88 dB | .01 % | 3.96 dB |
| 10 %   | 0.36 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| 1 %  | 0.44 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .1 %   | 0.52 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .01 %  | 0.52 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| 10 %   | 2.72 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| 1 %  | 3.60 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .1 %   | 3.88 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .01 %  | 3.96 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| <p style="text-align: center;"><b>Highest Channel</b></p>  <p>Center: 1.9098 GHz    2 dB/    Mean Pwr = 20 dBm</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean 28.94 dBm<br/>Peak 29.51 dBm<br/>Crest 0.57 dB</p> <table border="1"> <tr><td>10 %</td><td>0.36 dB</td></tr> <tr><td>1 %</td><td>0.44 dB</td></tr> <tr><td>.1 %</td><td>0.52 dB</td></tr> <tr><td>.01 %</td><td>0.52 dB</td></tr> </table> <p>Date: 27.DEC.2017 11:11:35</p> | 10 %                   | 0.36 dB | 1 % | 0.44 dB | .1 % | 0.52 dB | .01 % | 0.52 dB | <p style="text-align: center;"><b>Highest Channel</b></p>  <p>Center: 1.9098 GHz    2 dB/    Mean Pwr = 20 dBm</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean 23.34 dBm<br/>Peak 27.11 dBm<br/>Crest 3.77 dB</p> <table border="1"> <tr><td>10 %</td><td>2.64 dB</td></tr> <tr><td>1 %</td><td>3.32 dB</td></tr> <tr><td>.1 %</td><td>3.64 dB</td></tr> <tr><td>.01 %</td><td>3.76 dB</td></tr> </table> <p>Date: 27.DEC.2017 11:23:31</p> | 10 % | 2.64 dB | 1 % | 3.32 dB | .1 % | 3.64 dB | .01 % | 3.76 dB |
| 10 %   | 0.36 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| 1 %  | 0.44 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .1 %   | 0.52 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .01 %  | 0.52 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| 10 %   | 2.64 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| 1 %  | 3.32 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .1 %   | 3.64 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .01 %  | 3.76 dB                |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |



**26dB Bandwidth**

| Mode       | GSM850       |              |
|------------|--------------|--------------|
| Mod.       | GPRS class 8 | EDGE class 8 |
| Lowest CH  | 0.304        | 0.302        |
| Middle CH  | 0.309        | 0.303        |
| Highest CH | 0.302        | 0.292        |

| Mode       | GSM1900      |              |
|------------|--------------|--------------|
| Mod.       | GPRS class 8 | EDGE class 8 |
| Lowest CH  | 0.298        | 0.293        |
| Middle CH  | 0.311        | 0.309        |
| Highest CH | 0.310        | 0.303        |



| GSM850 (GPRS class 8)  | GSM850 (EDGE class 8)  |
|--|--|
| <p style="text-align: center;"><b>Lowest Channel</b></p> <p style="text-align: right;">Date: 27.DEC.2017 10:16:44</p>  | <p style="text-align: center;"><b>Lowest Channel</b></p> <p style="text-align: right;">Date: 27.DEC.2017 10:27:31</p>  |
| <p style="text-align: center;"><b>Middle Channel</b></p> <p style="text-align: right;">Date: 27.DEC.2017 10:17:27</p>  | <p style="text-align: center;"><b>Middle Channel</b></p> <p style="text-align: right;">Date: 27.DEC.2017 10:28:06</p>  |
| <p style="text-align: center;"><b>Highest Channel</b></p> <p style="text-align: right;">Date: 27.DEC.2017 10:18:02</p> | <p style="text-align: center;"><b>Highest Channel</b></p> <p style="text-align: right;">Date: 27.DEC.2017 10:29:22</p> |



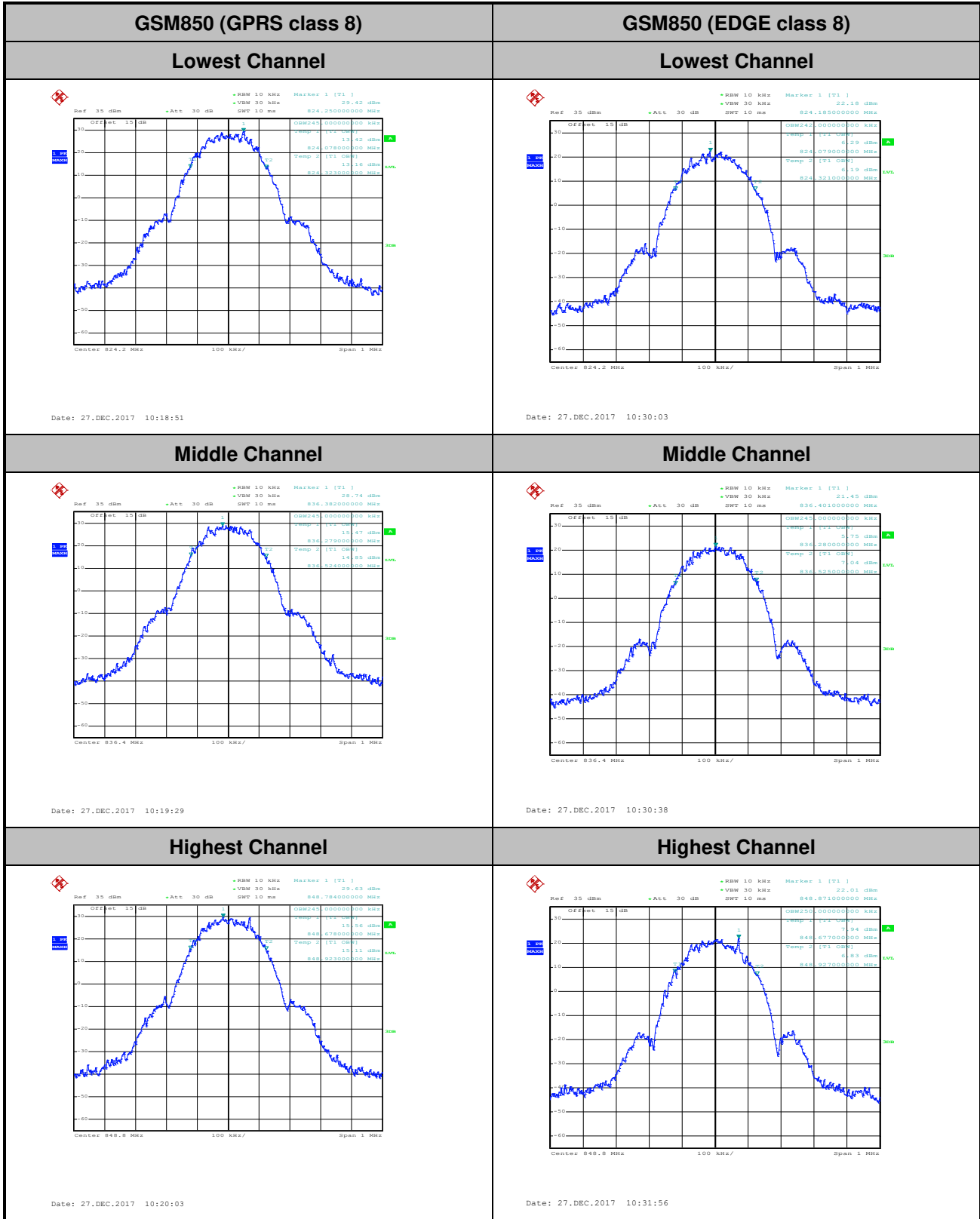
| GSM1900 (GPRS class 8)   | GSM1900 (EDGE class 8)   |
|--|--|
| Lowest Channel   | Lowest Channel   |
| <p>Ref: 35 dBm, Att: 30 dB, BW: 3 kHz, VSW: 10 kHz, SWT: 115 ms, Marker 1 [F1]: 22.11 dBm, 1.850178000 GHz</p> <p>Peak: -24.00 dBm (1.850178000 GHz)</p> <p>Date: 27.DEC.2017 10:58:46</p> | <p>Ref: 35 dBm, Att: 30 dB, BW: 3 kHz, VSW: 10 kHz, SWT: 115 ms, Marker 1 [F1]: 22.79 dBm, 1.850164000 GHz</p> <p>Peak: -22.79 dBm (1.850164000 GHz)</p> <p>Date: 27.DEC.2017 11:13:34</p> |
| Middle Channel   | Middle Channel   |
| <p>Ref: 35 dBm, Att: 30 dB, BW: 3 kHz, VSW: 10 kHz, SWT: 115 ms, Marker 1 [F1]: 21.93 dBm, 1.879983000 GHz</p> <p>Peak: -21.93 dBm (1.879983000 GHz)</p> <p>Date: 27.DEC.2017 10:59:19</p> | <p>Ref: 35 dBm, Att: 30 dB, BW: 3 kHz, VSW: 10 kHz, SWT: 115 ms, Marker 1 [F1]: 15.01 dBm, 1.879983000 GHz</p> <p>Peak: -15.01 dBm (1.879983000 GHz)</p> <p>Date: 27.DEC.2017 11:14:07</p> |
| Highest Channel  | Highest Channel  |
| <p>Ref: 35 dBm, Att: 30 dB, BW: 3 kHz, VSW: 10 kHz, SWT: 115 ms, Marker 1 [F1]: 21.24 dBm, 1.909783000 GHz</p> <p>Peak: -21.24 dBm (1.909783000 GHz)</p> <p>Date: 27.DEC.2017 10:59:53</p> | <p>Ref: 35 dBm, Att: 30 dB, BW: 3 kHz, VSW: 10 kHz, SWT: 115 ms, Marker 1 [F1]: 15.32 dBm, 1.909765000 GHz</p> <p>Peak: -15.32 dBm (1.909765000 GHz)</p> <p>Date: 27.DEC.2017 11:14:41</p> |



### Occupied Bandwidth

| Mode       | GSM850       |              |
|------------|--------------|--------------|
| Mod.       | GPRS class 8 | EDGE class 8 |
| Lowest CH  | 0.245        | 0.242        |
| Middle CH  | 0.245        | 0.245        |
| Highest CH | 0.245        | 0.250        |

| Mode       | GSM1900      |              |
|------------|--------------|--------------|
| Mod.       | GPRS class 8 | EDGE class 8 |
| Lowest CH  | 0.245        | 0.247        |
| Middle CH  | 0.243        | 0.247        |
| Highest CH | 0.245        | 0.246        |







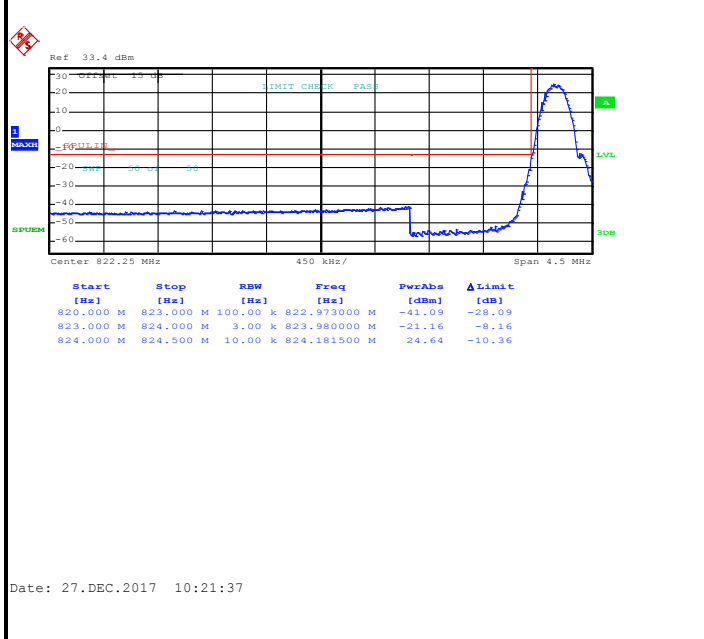
| GSM1900 (GPRS class 8)  | GSM1900 (EDGE class 8)  |
|---|---|
| <p style="text-align: center;"><b>Lowest Channel</b></p> <p style="text-align: center;">Date: 27.DEC.2017 11:00:31</p>  | <p style="text-align: center;"><b>Lowest Channel</b></p> <p style="text-align: center;">Date: 27.DEC.2017 11:15:20</p>  |
| <p style="text-align: center;"><b>Middle Channel</b></p> <p style="text-align: center;">Date: 27.DEC.2017 11:01:07</p>  | <p style="text-align: center;"><b>Middle Channel</b></p> <p style="text-align: center;">Date: 27.DEC.2017 11:15:53</p>  |
| <p style="text-align: center;"><b>Highest Channel</b></p> <p style="text-align: center;">Date: 27.DEC.2017 11:01:41</p> | <p style="text-align: center;"><b>Highest Channel</b></p> <p style="text-align: center;">Date: 27.DEC.2017 11:16:25</p> |



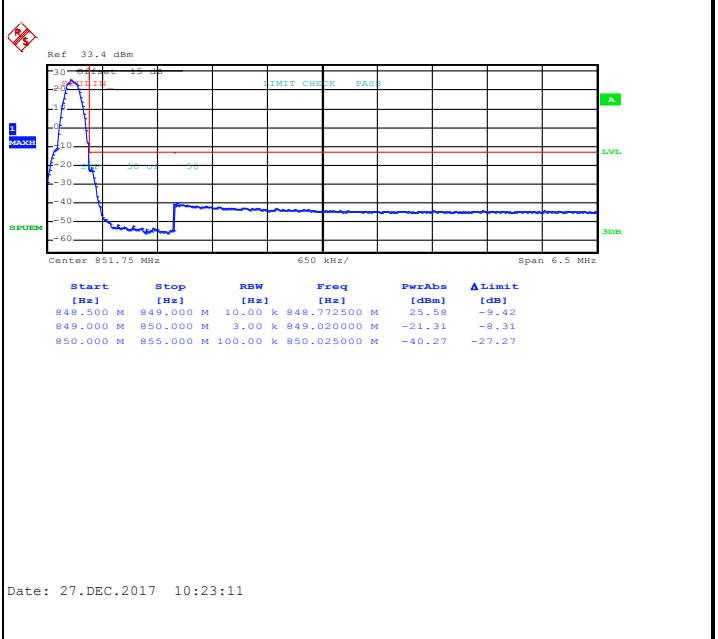
# Conducted Band Edge

## GSM850 (GPRS class 8)

### Lowest Band Edge

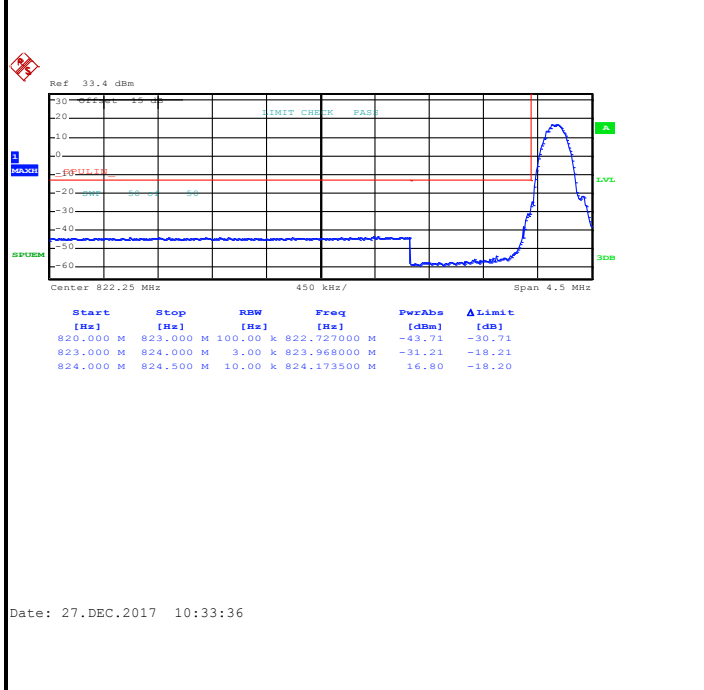


### Highest Band Edge

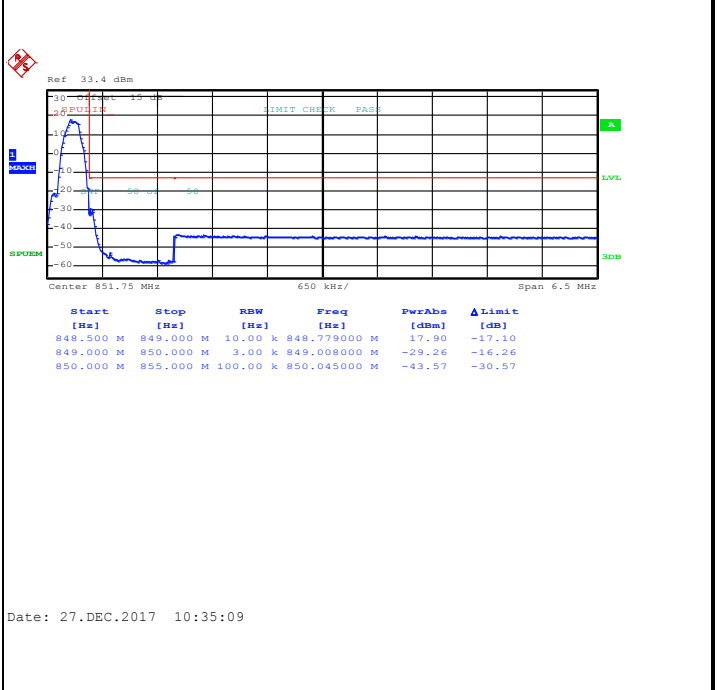


## GSM850 (EDGE class 8)

### Lowest Band Edge



### Highest Band Edge

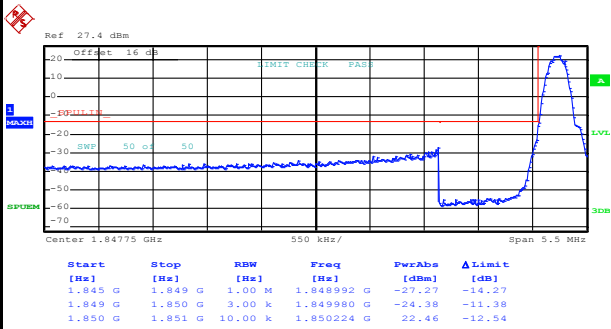




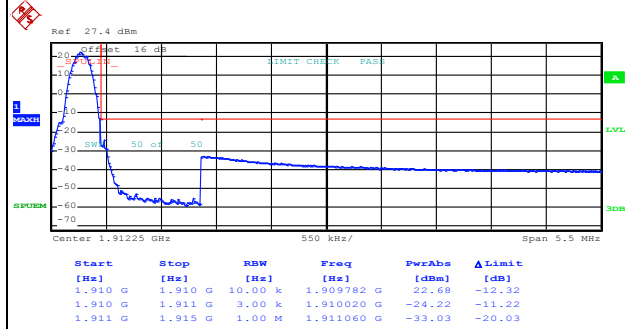
GSM1900 (GPRS class 8)

Lowest Band Edge

Highest Band Edge



Date: 27.DEC.2017 11:03:14

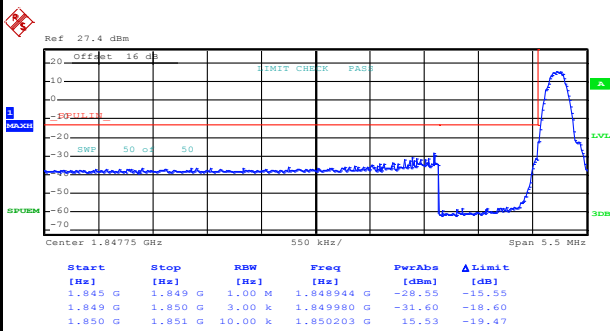


Date: 27.DEC.2017 11:04:45

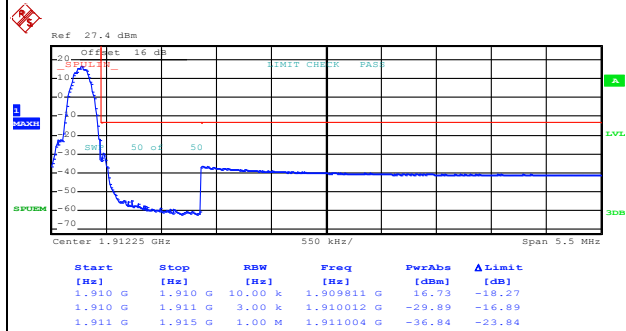
GSM1900 (EDGE class 8)

Lowest Band Edge

Highest Band Edge



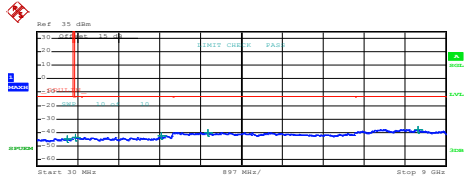
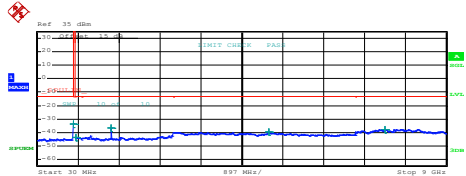
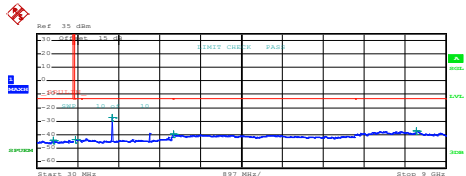
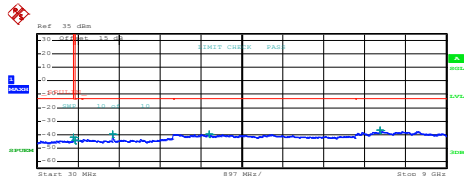
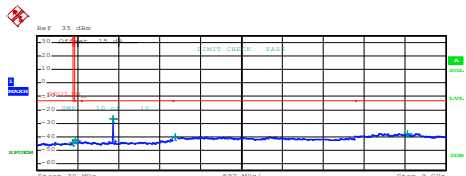
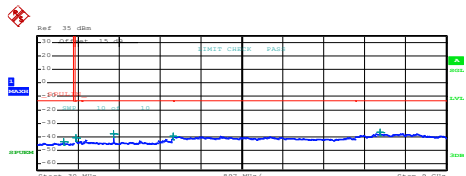
Date: 27.DEC.2017 11:18:03



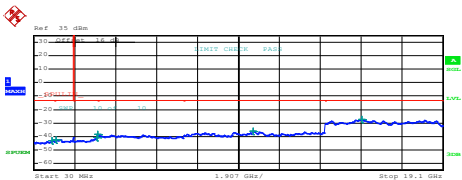
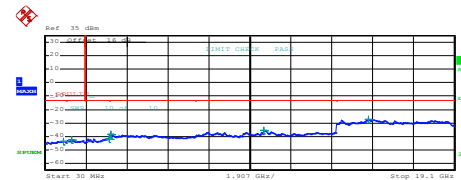
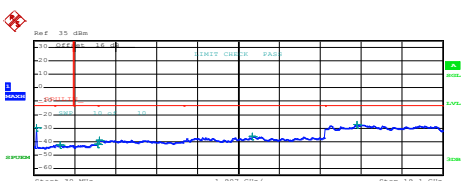
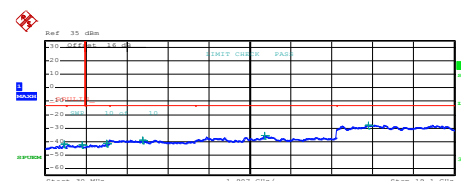
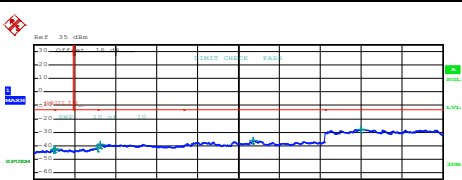
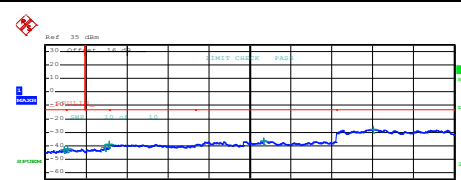
Date: 27.DEC.2017 11:19:36



# Conducted Spurious Emission

| GSM850 (GPRS class 8)   | GSM850 (EDGE class 8) |           |              |              |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
|---|-----------------------|-----------|--------------|--------------|--------------|-------------|----------|-----------|--------|--------------|--------|--------|-----------|---------|--------|--------------|--------|--------|---------|---------|--------|------------|--------|--------|---------|---------|--------|------------|--------|--------|---------|---------|--------|------------|--------|--------|---|------------|-----------|----------|-----------|--------------|-------------|----------|-----------|--------|--------------|--------|--------|-----------|---------|--------|--------------|--------|--------|---------|---------|--------|------------|--------|--------|---------|---------|--------|------------|--------|--------|---------|---------|--------|------------|--------|--------|
| Lowest Channel  | Lowest Channel        |           |              |              |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
|  <table border="1" data-bbox="240 658 655 734"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>30.000 M</td> <td>820.000 M</td> <td>1.00 M</td> <td>691.822500 M</td> <td>-44.54</td> <td>-31.74</td> </tr> <tr> <td>855.000 M</td> <td>1.000 G</td> <td>1.00 M</td> <td>877.330002 M</td> <td>-43.52</td> <td>-30.52</td> </tr> <tr> <td>1.000 G</td> <td>3.000 G</td> <td>1.00 M</td> <td>2.750000 G</td> <td>-42.47</td> <td>-29.47</td> </tr> <tr> <td>3.000 G</td> <td>7.000 G</td> <td>1.00 M</td> <td>3.772000 G</td> <td>-39.94</td> <td>-26.94</td> </tr> <tr> <td>7.000 G</td> <td>9.000 G</td> <td>1.00 M</td> <td>8.388000 G</td> <td>-37.54</td> <td>-24.54</td> </tr> </tbody> </table> <p>Date: 27.DEC.2017 10:13:52</p>     | Start [Hz]            | Stop [Hz] | RBW [Hz]     | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB] | 30.000 M | 820.000 M | 1.00 M | 691.822500 M | -44.54 | -31.74 | 855.000 M | 1.000 G | 1.00 M | 877.330002 M | -43.52 | -30.52 | 1.000 G | 3.000 G | 1.00 M | 2.750000 G | -42.47 | -29.47 | 3.000 G | 7.000 G | 1.00 M | 3.772000 G | -39.94 | -26.94 | 7.000 G | 9.000 G | 1.00 M | 8.388000 G | -37.54 | -24.54 |  <table border="1" data-bbox="890 658 1305 734"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>30.000 M</td> <td>820.000 M</td> <td>1.00 M</td> <td>819.802500 M</td> <td>-43.97</td> <td>-30.97</td> </tr> <tr> <td>855.000 M</td> <td>1.000 G</td> <td>1.00 M</td> <td>870.623751 M</td> <td>-43.66</td> <td>-30.66</td> </tr> <tr> <td>1.000 G</td> <td>3.000 G</td> <td>1.00 M</td> <td>1.648000 G</td> <td>-36.59</td> <td>-23.59</td> </tr> <tr> <td>3.000 G</td> <td>7.000 G</td> <td>1.00 M</td> <td>5.132000 G</td> <td>-39.41</td> <td>-26.41</td> </tr> <tr> <td>7.000 G</td> <td>9.000 G</td> <td>1.00 M</td> <td>7.662000 G</td> <td>-37.53</td> <td>-24.53</td> </tr> </tbody> </table> <p>Date: 27.DEC.2017 10:36:05</p>     | Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAbs [dBm] | ΔLimit [dB] | 30.000 M | 820.000 M | 1.00 M | 819.802500 M | -43.97 | -30.97 | 855.000 M | 1.000 G | 1.00 M | 870.623751 M | -43.66 | -30.66 | 1.000 G | 3.000 G | 1.00 M | 1.648000 G | -36.59 | -23.59 | 3.000 G | 7.000 G | 1.00 M | 5.132000 G | -39.41 | -26.41 | 7.000 G | 9.000 G | 1.00 M | 7.662000 G | -37.53 | -24.53 |
| Start [Hz]  | Stop [Hz]             | RBW [Hz]  | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB]  |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 30.000 M  | 820.000 M             | 1.00 M    | 691.822500 M | -44.54       | -31.74       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 855.000 M   | 1.000 G               | 1.00 M    | 877.330002 M | -43.52       | -30.52       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 1.000 G   | 3.000 G               | 1.00 M    | 2.750000 G   | -42.47       | -29.47       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 3.000 G   | 7.000 G               | 1.00 M    | 3.772000 G   | -39.94       | -26.94       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 7.000 G   | 9.000 G               | 1.00 M    | 8.388000 G   | -37.54       | -24.54       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| Start [Hz]  | Stop [Hz]             | RBW [Hz]  | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB]  |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 30.000 M  | 820.000 M             | 1.00 M    | 819.802500 M | -43.97       | -30.97       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 855.000 M   | 1.000 G               | 1.00 M    | 870.623751 M | -43.66       | -30.66       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 1.000 G   | 3.000 G               | 1.00 M    | 1.648000 G   | -36.59       | -23.59       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 3.000 G   | 7.000 G               | 1.00 M    | 5.132000 G   | -39.41       | -26.41       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 7.000 G   | 9.000 G               | 1.00 M    | 7.662000 G   | -37.53       | -24.53       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| Middle Channel  | Middle Channel        |           |              |              |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
|  <table border="1" data-bbox="240 1176 655 1252"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>30.000 M</td> <td>820.000 M</td> <td>1.00 M</td> <td>397.547500 M</td> <td>-44.51</td> <td>-31.71</td> </tr> <tr> <td>855.000 M</td> <td>1.000 G</td> <td>1.00 M</td> <td>868.702001 M</td> <td>-43.69</td> <td>-30.69</td> </tr> <tr> <td>1.000 G</td> <td>3.000 G</td> <td>1.00 M</td> <td>1.673000 G</td> <td>-27.35</td> <td>-14.35</td> </tr> <tr> <td>3.000 G</td> <td>7.000 G</td> <td>1.00 M</td> <td>3.020000 G</td> <td>-39.81</td> <td>-26.81</td> </tr> <tr> <td>7.000 G</td> <td>9.000 G</td> <td>1.00 M</td> <td>8.347500 G</td> <td>-37.00</td> <td>-24.00</td> </tr> </tbody> </table> <p>Date: 27.DEC.2017 10:14:43</p>  | Start [Hz]            | Stop [Hz] | RBW [Hz]     | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB] | 30.000 M | 820.000 M | 1.00 M | 397.547500 M | -44.51 | -31.71 | 855.000 M | 1.000 G | 1.00 M | 868.702001 M | -43.69 | -30.69 | 1.000 G | 3.000 G | 1.00 M | 1.673000 G | -27.35 | -14.35 | 3.000 G | 7.000 G | 1.00 M | 3.020000 G | -39.81 | -26.81 | 7.000 G | 9.000 G | 1.00 M | 8.347500 G | -37.00 | -24.00 |  <table border="1" data-bbox="890 1176 1305 1252"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>30.000 M</td> <td>820.000 M</td> <td>1.00 M</td> <td>837.630000 M</td> <td>-41.95</td> <td>-28.95</td> </tr> <tr> <td>855.000 M</td> <td>1.000 G</td> <td>1.00 M</td> <td>868.808751 M</td> <td>-43.86</td> <td>-30.86</td> </tr> <tr> <td>1.000 G</td> <td>3.000 G</td> <td>1.00 M</td> <td>1.673000 G</td> <td>-39.48</td> <td>-26.48</td> </tr> <tr> <td>3.000 G</td> <td>7.000 G</td> <td>1.00 M</td> <td>3.794000 G</td> <td>-39.75</td> <td>-26.75</td> </tr> <tr> <td>7.000 G</td> <td>9.000 G</td> <td>1.00 M</td> <td>7.538500 G</td> <td>-36.60</td> <td>-23.60</td> </tr> </tbody> </table> <p>Date: 27.DEC.2017 10:36:56</p>  | Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAbs [dBm] | ΔLimit [dB] | 30.000 M | 820.000 M | 1.00 M | 837.630000 M | -41.95 | -28.95 | 855.000 M | 1.000 G | 1.00 M | 868.808751 M | -43.86 | -30.86 | 1.000 G | 3.000 G | 1.00 M | 1.673000 G | -39.48 | -26.48 | 3.000 G | 7.000 G | 1.00 M | 3.794000 G | -39.75 | -26.75 | 7.000 G | 9.000 G | 1.00 M | 7.538500 G | -36.60 | -23.60 |
| Start [Hz]  | Stop [Hz]             | RBW [Hz]  | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB]  |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 30.000 M  | 820.000 M             | 1.00 M    | 397.547500 M | -44.51       | -31.71       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 855.000 M   | 1.000 G               | 1.00 M    | 868.702001 M | -43.69       | -30.69       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 1.000 G   | 3.000 G               | 1.00 M    | 1.673000 G   | -27.35       | -14.35       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 3.000 G   | 7.000 G               | 1.00 M    | 3.020000 G   | -39.81       | -26.81       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 7.000 G   | 9.000 G               | 1.00 M    | 8.347500 G   | -37.00       | -24.00       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| Start [Hz]  | Stop [Hz]             | RBW [Hz]  | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB]  |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 30.000 M  | 820.000 M             | 1.00 M    | 837.630000 M | -41.95       | -28.95       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 855.000 M   | 1.000 G               | 1.00 M    | 868.808751 M | -43.86       | -30.86       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 1.000 G   | 3.000 G               | 1.00 M    | 1.673000 G   | -39.48       | -26.48       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 3.000 G   | 7.000 G               | 1.00 M    | 3.794000 G   | -39.75       | -26.75       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 7.000 G   | 9.000 G               | 1.00 M    | 7.538500 G   | -36.60       | -23.60       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| Highest Channel   | Highest Channel       |           |              |              |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
|  <table border="1" data-bbox="240 1693 655 1769"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>30.000 M</td> <td>820.000 M</td> <td>1.00 M</td> <td>812.602500 M</td> <td>-44.03</td> <td>-31.03</td> </tr> <tr> <td>855.000 M</td> <td>1.000 G</td> <td>1.00 M</td> <td>867.977501 M</td> <td>-42.70</td> <td>-29.70</td> </tr> <tr> <td>1.000 G</td> <td>3.000 G</td> <td>1.00 M</td> <td>1.697500 G</td> <td>-26.86</td> <td>-13.86</td> </tr> <tr> <td>3.000 G</td> <td>7.000 G</td> <td>1.00 M</td> <td>3.060000 G</td> <td>-39.98</td> <td>-26.98</td> </tr> <tr> <td>7.000 G</td> <td>9.000 G</td> <td>1.00 M</td> <td>8.156500 G</td> <td>-37.63</td> <td>-24.63</td> </tr> </tbody> </table> <p>Date: 27.DEC.2017 10:15:33</p> | Start [Hz]            | Stop [Hz] | RBW [Hz]     | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB] | 30.000 M | 820.000 M | 1.00 M | 812.602500 M | -44.03 | -31.03 | 855.000 M | 1.000 G | 1.00 M | 867.977501 M | -42.70 | -29.70 | 1.000 G | 3.000 G | 1.00 M | 1.697500 G | -26.86 | -13.86 | 3.000 G | 7.000 G | 1.00 M | 3.060000 G | -39.98 | -26.98 | 7.000 G | 9.000 G | 1.00 M | 8.156500 G | -37.63 | -24.63 |  <table border="1" data-bbox="890 1693 1305 1769"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>30.000 M</td> <td>820.000 M</td> <td>1.00 M</td> <td>802.847500 M</td> <td>-43.53</td> <td>-30.53</td> </tr> <tr> <td>855.000 M</td> <td>1.000 G</td> <td>1.00 M</td> <td>868.086251 M</td> <td>-40.60</td> <td>-27.60</td> </tr> <tr> <td>1.000 G</td> <td>3.000 G</td> <td>1.00 M</td> <td>1.698000 G</td> <td>-37.82</td> <td>-24.82</td> </tr> <tr> <td>3.000 G</td> <td>7.000 G</td> <td>1.00 M</td> <td>3.053000 G</td> <td>-39.69</td> <td>-26.69</td> </tr> <tr> <td>7.000 G</td> <td>9.000 G</td> <td>1.00 M</td> <td>7.552000 G</td> <td>-36.59</td> <td>-23.59</td> </tr> </tbody> </table> <p>Date: 27.DEC.2017 10:52:56</p> | Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAbs [dBm] | ΔLimit [dB] | 30.000 M | 820.000 M | 1.00 M | 802.847500 M | -43.53 | -30.53 | 855.000 M | 1.000 G | 1.00 M | 868.086251 M | -40.60 | -27.60 | 1.000 G | 3.000 G | 1.00 M | 1.698000 G | -37.82 | -24.82 | 3.000 G | 7.000 G | 1.00 M | 3.053000 G | -39.69 | -26.69 | 7.000 G | 9.000 G | 1.00 M | 7.552000 G | -36.59 | -23.59 |
| Start [Hz]  | Stop [Hz]             | RBW [Hz]  | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB]  |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 30.000 M  | 820.000 M             | 1.00 M    | 812.602500 M | -44.03       | -31.03       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 855.000 M   | 1.000 G               | 1.00 M    | 867.977501 M | -42.70       | -29.70       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 1.000 G   | 3.000 G               | 1.00 M    | 1.697500 G   | -26.86       | -13.86       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 3.000 G   | 7.000 G               | 1.00 M    | 3.060000 G   | -39.98       | -26.98       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 7.000 G   | 9.000 G               | 1.00 M    | 8.156500 G   | -37.63       | -24.63       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| Start [Hz]  | Stop [Hz]             | RBW [Hz]  | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB]  |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 30.000 M  | 820.000 M             | 1.00 M    | 802.847500 M | -43.53       | -30.53       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 855.000 M   | 1.000 G               | 1.00 M    | 868.086251 M | -40.60       | -27.60       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 1.000 G   | 3.000 G               | 1.00 M    | 1.698000 G   | -37.82       | -24.82       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 3.000 G   | 7.000 G               | 1.00 M    | 3.053000 G   | -39.69       | -26.69       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |
| 7.000 G   | 9.000 G               | 1.00 M    | 7.552000 G   | -36.59       | -23.59       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |            |           |          |           |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |



| GSM1900 (GPRS class 8)  |           | GSM1900 (EDGE class 8) |              |              |             |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
|---|-----------|------------------------|--------------|--------------|-------------|--------------|-------------|----------|---------|---------|--------------|--------|--------|---------|---------|---------|------------|--------|--------|---------|---------|---------|------------|--------|--------|---------|---------|---------|------------|--------|--------|---------|----------|---------|-------------|--------|--------|----------|----------|---------|-------------|--------|--------|--|--|------------|-----------|----------|-----------|--------------|-------------|----------|---------|---------|--------------|--------|--------|---------|---------|---------|------------|--------|--------|---------|---------|---------|------------|--------|--------|---------|---------|---------|------------|--------|--------|---------|----------|---------|-------------|--------|--------|----------|----------|---------|-------------|--------|--------|
| Lowest Channel  |           | Lowest Channel         |              |              |             |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
|  <p>Ref: 35 dBm</p> <p>Start: 30 MHz, Stop: 19.1 GHz, RBW: 1.907 GHz</p> <table border="1"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr><td>30.000 M</td><td>1.000 G</td><td>1.000 M</td><td>859.833500 M</td><td>-42.89</td><td>-29.89</td></tr> <tr><td>1.000 G</td><td>1.845 G</td><td>1.000 M</td><td>1.077740 G</td><td>-42.34</td><td>-29.34</td></tr> <tr><td>1.915 G</td><td>3.000 G</td><td>1.000 M</td><td>2.988352 G</td><td>-40.04</td><td>-27.04</td></tr> <tr><td>3.000 G</td><td>7.000 G</td><td>1.000 M</td><td>3.023000 G</td><td>-38.67</td><td>-25.67</td></tr> <tr><td>7.000 G</td><td>13.600 G</td><td>1.000 M</td><td>10.220500 G</td><td>-35.92</td><td>-22.92</td></tr> <tr><td>13.600 G</td><td>19.100 G</td><td>1.000 M</td><td>15.330938 G</td><td>-27.19</td><td>-14.19</td></tr> </tbody> </table> <p>Date: 27.DEC.2017 11:05:45</p>   |           | Start [Hz]             | Stop [Hz]    | RBW [Hz]     | Freq [Hz]   | PwrAbs [dBm] | ΔLimit [dB] | 30.000 M | 1.000 G | 1.000 M | 859.833500 M | -42.89 | -29.89 | 1.000 G | 1.845 G | 1.000 M | 1.077740 G | -42.34 | -29.34 | 1.915 G | 3.000 G | 1.000 M | 2.988352 G | -40.04 | -27.04 | 3.000 G | 7.000 G | 1.000 M | 3.023000 G | -38.67 | -25.67 | 7.000 G | 13.600 G | 1.000 M | 10.220500 G | -35.92 | -22.92 | 13.600 G | 19.100 G | 1.000 M | 15.330938 G | -27.19 | -14.19 |  <p>Ref: 35 dBm</p> <p>Start: 30 MHz, Stop: 19.1 GHz, RBW: 1.907 GHz</p> <table border="1"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr><td>30.000 M</td><td>1.000 G</td><td>1.000 M</td><td>881.600000 M</td><td>-43.40</td><td>-30.40</td></tr> <tr><td>1.000 G</td><td>1.845 G</td><td>1.000 M</td><td>1.254979 G</td><td>-42.30</td><td>-29.30</td></tr> <tr><td>1.915 G</td><td>3.000 G</td><td>1.000 M</td><td>3.000000 G</td><td>-41.63</td><td>-28.63</td></tr> <tr><td>3.000 G</td><td>7.000 G</td><td>1.000 M</td><td>3.082000 G</td><td>-38.68</td><td>-25.68</td></tr> <tr><td>7.000 G</td><td>13.600 G</td><td>1.000 M</td><td>10.220950 G</td><td>-35.53</td><td>-22.53</td></tr> <tr><td>13.600 G</td><td>19.100 G</td><td>1.000 M</td><td>15.090000 G</td><td>-27.25</td><td>-14.25</td></tr> </tbody> </table> <p>Date: 27.DEC.2017 11:20:32</p>   |  | Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAbs [dBm] | ΔLimit [dB] | 30.000 M | 1.000 G | 1.000 M | 881.600000 M | -43.40 | -30.40 | 1.000 G | 1.845 G | 1.000 M | 1.254979 G | -42.30 | -29.30 | 1.915 G | 3.000 G | 1.000 M | 3.000000 G | -41.63 | -28.63 | 3.000 G | 7.000 G | 1.000 M | 3.082000 G | -38.68 | -25.68 | 7.000 G | 13.600 G | 1.000 M | 10.220950 G | -35.53 | -22.53 | 13.600 G | 19.100 G | 1.000 M | 15.090000 G | -27.25 | -14.25 |
| Start [Hz]  | Stop [Hz] | RBW [Hz]               | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB] |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 30.000 M  | 1.000 G   | 1.000 M                | 859.833500 M | -42.89       | -29.89      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 1.000 G   | 1.845 G   | 1.000 M                | 1.077740 G   | -42.34       | -29.34      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 1.915 G   | 3.000 G   | 1.000 M                | 2.988352 G   | -40.04       | -27.04      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 3.000 G   | 7.000 G   | 1.000 M                | 3.023000 G   | -38.67       | -25.67      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 7.000 G   | 13.600 G  | 1.000 M                | 10.220500 G  | -35.92       | -22.92      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 13.600 G  | 19.100 G  | 1.000 M                | 15.330938 G  | -27.19       | -14.19      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| Start [Hz]  | Stop [Hz] | RBW [Hz]               | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB] |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 30.000 M  | 1.000 G   | 1.000 M                | 881.600000 M | -43.40       | -30.40      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 1.000 G   | 1.845 G   | 1.000 M                | 1.254979 G   | -42.30       | -29.30      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 1.915 G   | 3.000 G   | 1.000 M                | 3.000000 G   | -41.63       | -28.63      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 3.000 G   | 7.000 G   | 1.000 M                | 3.082000 G   | -38.68       | -25.68      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 7.000 G   | 13.600 G  | 1.000 M                | 10.220950 G  | -35.53       | -22.53      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 13.600 G  | 19.100 G  | 1.000 M                | 15.090000 G  | -27.25       | -14.25      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
|  <p>Ref: 35 dBm</p> <p>Start: 30 MHz, Stop: 19.1 GHz, RBW: 1.907 GHz</p> <table border="1"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr><td>30.000 M</td><td>1.000 G</td><td>1.000 M</td><td>141.792500 M</td><td>-29.79</td><td>-16.79</td></tr> <tr><td>1.000 G</td><td>1.845 G</td><td>1.000 M</td><td>1.248200 G</td><td>-42.36</td><td>-29.36</td></tr> <tr><td>1.915 G</td><td>3.000 G</td><td>1.000 M</td><td>2.989421 G</td><td>-41.61</td><td>-28.61</td></tr> <tr><td>3.000 G</td><td>7.000 G</td><td>1.000 M</td><td>3.088000 G</td><td>-38.79</td><td>-25.79</td></tr> <tr><td>7.000 G</td><td>13.600 G</td><td>1.000 M</td><td>10.221625 G</td><td>-36.33</td><td>-23.33</td></tr> <tr><td>13.600 G</td><td>19.100 G</td><td>1.000 M</td><td>15.082938 G</td><td>-27.42</td><td>-14.42</td></tr> </tbody> </table> <p>Date: 27.DEC.2017 11:06:36</p>  |           | Start [Hz]             | Stop [Hz]    | RBW [Hz]     | Freq [Hz]   | PwrAbs [dBm] | ΔLimit [dB] | 30.000 M | 1.000 G | 1.000 M | 141.792500 M | -29.79 | -16.79 | 1.000 G | 1.845 G | 1.000 M | 1.248200 G | -42.36 | -29.36 | 1.915 G | 3.000 G | 1.000 M | 2.989421 G | -41.61 | -28.61 | 3.000 G | 7.000 G | 1.000 M | 3.088000 G | -38.79 | -25.79 | 7.000 G | 13.600 G | 1.000 M | 10.221625 G | -36.33 | -23.33 | 13.600 G | 19.100 G | 1.000 M | 15.082938 G | -27.42 | -14.42 |  <p>Ref: 35 dBm</p> <p>Start: 30 MHz, Stop: 19.1 GHz, RBW: 1.907 GHz</p> <table border="1"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr><td>30.000 M</td><td>1.000 G</td><td>1.000 M</td><td>933.670000 M</td><td>-42.37</td><td>-29.37</td></tr> <tr><td>1.000 G</td><td>1.845 G</td><td>1.000 M</td><td>1.727334 G</td><td>-42.51</td><td>-29.51</td></tr> <tr><td>1.915 G</td><td>3.000 G</td><td>1.000 M</td><td>2.872241 G</td><td>-41.60</td><td>-28.60</td></tr> <tr><td>3.000 G</td><td>7.000 G</td><td>1.000 M</td><td>4.574000 G</td><td>-39.11</td><td>-26.11</td></tr> <tr><td>7.000 G</td><td>13.600 G</td><td>1.000 M</td><td>10.225550 G</td><td>-35.16</td><td>-22.16</td></tr> <tr><td>13.600 G</td><td>19.100 G</td><td>1.000 M</td><td>15.078813 G</td><td>-27.67</td><td>-14.67</td></tr> </tbody> </table> <p>Date: 27.DEC.2017 11:21:22</p>  |  | Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAbs [dBm] | ΔLimit [dB] | 30.000 M | 1.000 G | 1.000 M | 933.670000 M | -42.37 | -29.37 | 1.000 G | 1.845 G | 1.000 M | 1.727334 G | -42.51 | -29.51 | 1.915 G | 3.000 G | 1.000 M | 2.872241 G | -41.60 | -28.60 | 3.000 G | 7.000 G | 1.000 M | 4.574000 G | -39.11 | -26.11 | 7.000 G | 13.600 G | 1.000 M | 10.225550 G | -35.16 | -22.16 | 13.600 G | 19.100 G | 1.000 M | 15.078813 G | -27.67 | -14.67 |
| Start [Hz]  | Stop [Hz] | RBW [Hz]               | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB] |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 30.000 M  | 1.000 G   | 1.000 M                | 141.792500 M | -29.79       | -16.79      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 1.000 G   | 1.845 G   | 1.000 M                | 1.248200 G   | -42.36       | -29.36      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 1.915 G   | 3.000 G   | 1.000 M                | 2.989421 G   | -41.61       | -28.61      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 3.000 G   | 7.000 G   | 1.000 M                | 3.088000 G   | -38.79       | -25.79      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 7.000 G   | 13.600 G  | 1.000 M                | 10.221625 G  | -36.33       | -23.33      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 13.600 G  | 19.100 G  | 1.000 M                | 15.082938 G  | -27.42       | -14.42      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| Start [Hz]  | Stop [Hz] | RBW [Hz]               | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB] |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 30.000 M  | 1.000 G   | 1.000 M                | 933.670000 M | -42.37       | -29.37      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 1.000 G   | 1.845 G   | 1.000 M                | 1.727334 G   | -42.51       | -29.51      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 1.915 G   | 3.000 G   | 1.000 M                | 2.872241 G   | -41.60       | -28.60      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 3.000 G   | 7.000 G   | 1.000 M                | 4.574000 G   | -39.11       | -26.11      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 7.000 G   | 13.600 G  | 1.000 M                | 10.225550 G  | -35.16       | -22.16      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 13.600 G  | 19.100 G  | 1.000 M                | 15.078813 G  | -27.67       | -14.67      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
|  <p>Ref: 35 dBm</p> <p>Start: 30 MHz, Stop: 19.1 GHz, RBW: 1.907 GHz</p> <table border="1"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr><td>30.000 M</td><td>1.000 G</td><td>1.000 M</td><td>931.282500 M</td><td>-43.28</td><td>-30.28</td></tr> <tr><td>1.000 G</td><td>1.845 G</td><td>1.000 M</td><td>1.031476 G</td><td>-42.26</td><td>-29.26</td></tr> <tr><td>1.915 G</td><td>3.000 G</td><td>1.000 M</td><td>2.997830 G</td><td>-41.82</td><td>-28.82</td></tr> <tr><td>3.000 G</td><td>7.000 G</td><td>1.000 M</td><td>3.121000 G</td><td>-38.86</td><td>-25.86</td></tr> <tr><td>7.000 G</td><td>13.600 G</td><td>1.000 M</td><td>10.233175 G</td><td>-36.31</td><td>-23.31</td></tr> <tr><td>13.600 G</td><td>19.100 G</td><td>1.000 M</td><td>15.292825 G</td><td>-27.69</td><td>-14.69</td></tr> </tbody> </table> <p>Date: 27.DEC.2017 11:07:26</p> |           | Start [Hz]             | Stop [Hz]    | RBW [Hz]     | Freq [Hz]   | PwrAbs [dBm] | ΔLimit [dB] | 30.000 M | 1.000 G | 1.000 M | 931.282500 M | -43.28 | -30.28 | 1.000 G | 1.845 G | 1.000 M | 1.031476 G | -42.26 | -29.26 | 1.915 G | 3.000 G | 1.000 M | 2.997830 G | -41.82 | -28.82 | 3.000 G | 7.000 G | 1.000 M | 3.121000 G | -38.86 | -25.86 | 7.000 G | 13.600 G | 1.000 M | 10.233175 G | -36.31 | -23.31 | 13.600 G | 19.100 G | 1.000 M | 15.292825 G | -27.69 | -14.69 |  <p>Ref: 35 dBm</p> <p>Start: 30 MHz, Stop: 19.1 GHz, RBW: 1.907 GHz</p> <table border="1"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr><td>30.000 M</td><td>1.000 G</td><td>1.000 M</td><td>899.600000 M</td><td>-43.59</td><td>-30.59</td></tr> <tr><td>1.000 G</td><td>1.845 G</td><td>1.000 M</td><td>1.057249 G</td><td>-42.60</td><td>-29.60</td></tr> <tr><td>1.915 G</td><td>3.000 G</td><td>1.000 M</td><td>2.883756 G</td><td>-41.18</td><td>-28.18</td></tr> <tr><td>3.000 G</td><td>7.000 G</td><td>1.000 M</td><td>3.057000 G</td><td>-38.87</td><td>-25.87</td></tr> <tr><td>7.000 G</td><td>13.600 G</td><td>1.000 M</td><td>10.221625 G</td><td>-36.42</td><td>-23.42</td></tr> <tr><td>13.600 G</td><td>19.100 G</td><td>1.000 M</td><td>15.311388 G</td><td>-27.62</td><td>-14.62</td></tr> </tbody> </table> <p>Date: 27.DEC.2017 11:22:13</p> |  | Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAbs [dBm] | ΔLimit [dB] | 30.000 M | 1.000 G | 1.000 M | 899.600000 M | -43.59 | -30.59 | 1.000 G | 1.845 G | 1.000 M | 1.057249 G | -42.60 | -29.60 | 1.915 G | 3.000 G | 1.000 M | 2.883756 G | -41.18 | -28.18 | 3.000 G | 7.000 G | 1.000 M | 3.057000 G | -38.87 | -25.87 | 7.000 G | 13.600 G | 1.000 M | 10.221625 G | -36.42 | -23.42 | 13.600 G | 19.100 G | 1.000 M | 15.311388 G | -27.62 | -14.62 |
| Start [Hz]  | Stop [Hz] | RBW [Hz]               | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB] |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 30.000 M  | 1.000 G   | 1.000 M                | 931.282500 M | -43.28       | -30.28      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 1.000 G   | 1.845 G   | 1.000 M                | 1.031476 G   | -42.26       | -29.26      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 1.915 G   | 3.000 G   | 1.000 M                | 2.997830 G   | -41.82       | -28.82      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 3.000 G   | 7.000 G   | 1.000 M                | 3.121000 G   | -38.86       | -25.86      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 7.000 G   | 13.600 G  | 1.000 M                | 10.233175 G  | -36.31       | -23.31      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 13.600 G  | 19.100 G  | 1.000 M                | 15.292825 G  | -27.69       | -14.69      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| Start [Hz]  | Stop [Hz] | RBW [Hz]               | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB] |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 30.000 M  | 1.000 G   | 1.000 M                | 899.600000 M | -43.59       | -30.59      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 1.000 G   | 1.845 G   | 1.000 M                | 1.057249 G   | -42.60       | -29.60      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 1.915 G   | 3.000 G   | 1.000 M                | 2.883756 G   | -41.18       | -28.18      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 3.000 G   | 7.000 G   | 1.000 M                | 3.057000 G   | -38.87       | -25.87      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 7.000 G   | 13.600 G  | 1.000 M                | 10.221625 G  | -36.42       | -23.42      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 13.600 G  | 19.100 G  | 1.000 M                | 15.311388 G  | -27.62       | -14.62      |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |  |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |



**Frequency Stability**

| Test Conditions  | Middle Channel    | GSM850<br>(GPRS class 8) | GSM850<br>(EDGE class 8) | Limit<br>2.5ppm |
|------------------|-------------------|--------------------------|--------------------------|-----------------|
| Temperature (°C) | Voltage (Volt)    | Deviation (ppm)          |                          | Result          |
| 50               | Normal Voltage    | 0.0036                   | 0.0096                   | PASS            |
| 40               | Normal Voltage    | 0.0012                   | 0.0060                   |                 |
| 30               | Normal Voltage    | 0.0012                   | 0.0024                   |                 |
| 20(Ref.)         | Normal Voltage    | 0.0000                   | 0.0000                   |                 |
| 10               | Normal Voltage    | 0.0179                   | 0.0096                   |                 |
| 0                | Normal Voltage    | 0.0108                   | 0.0024                   |                 |
| -10              | Normal Voltage    | 0.0191                   | 0.0036                   |                 |
| -20              | Normal Voltage    | 0.0143                   | 0.0024                   |                 |
| -30              | Normal Voltage    | 0.0108                   | 0.0084                   |                 |
| 20               | Maximum Voltage   | 0.0024                   | 0.0024                   |                 |
| 20               | Normal Voltage    | 0.0000                   | 0.0000                   |                 |
| 20               | Battery End Point | 0.0120                   | 0.0036                   |                 |

| Test Conditions  | Middle Channel    | GSM1900<br>(GPRS class 8) | GSM1900<br>(EDGE class 8) | Limit<br>Note 2. |
|------------------|-------------------|---------------------------|---------------------------|------------------|
| Temperature (°C) | Voltage (Volt)    | Deviation (ppm)           |                           | Result           |
| 50               | Normal Voltage    | 0.0074                    | 0.0106                    | PASS             |
| 40               | Normal Voltage    | 0.0021                    | 0.0011                    |                  |
| 30               | Normal Voltage    | 0.0027                    | 0.0032                    |                  |
| 20(Ref.)         | Normal Voltage    | 0.0000                    | 0.0000                    |                  |
| 10               | Normal Voltage    | 0.0005                    | 0.0016                    |                  |
| 0                | Normal Voltage    | 0.0021                    | 0.0128                    |                  |
| -10              | Normal Voltage    | 0.0005                    | 0.0043                    |                  |
| -20              | Normal Voltage    | 0.0027                    | 0.0117                    |                  |
| -30              | Normal Voltage    | 0.0059                    | 0.0101                    |                  |
| 20               | Maximum Voltage   | 0.0011                    | 0.0021                    |                  |
| 20               | Normal Voltage    | 0.0000                    | 0.0000                    |                  |
| 20               | Battery End Point | 0.0048                    | 0.0053                    |                  |

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.4 V
2. The frequency fundamental emissions stay within the authorized frequency block.

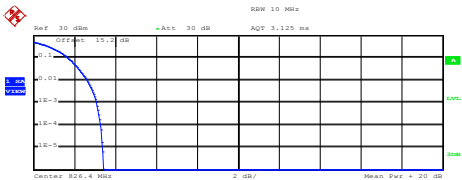
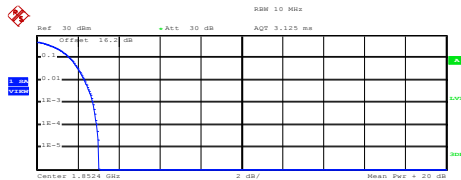

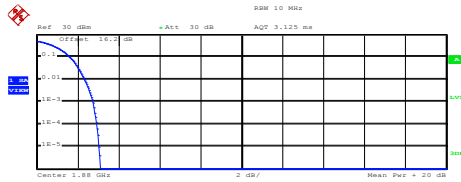
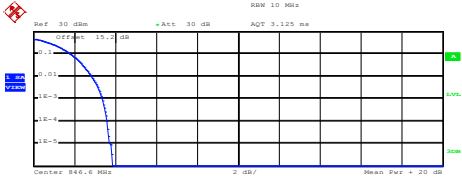
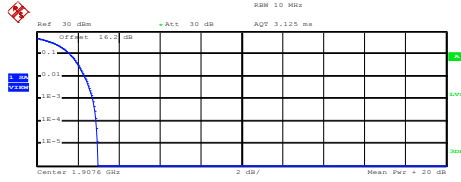


### A3. WCDMA

#### Peak-to-Average Ratio

| Mode       | WCDMA Band V | WCDMA Band II | WCDMA Band IV | Limit: 13dB |
|------------|--------------|---------------|---------------|-------------|
| Mod.       | RMC 12.2Kbps | RMC 12.2Kbps  | RMC 12.2Kbps  | Result      |
| Lowest CH  | 3.08         | 2.76          | 2.68          | <b>PASS</b> |
| Middle CH  | 3.12         | 2.76          | 2.76          |             |
| Highest CH | 3.36         | 2.72          | 2.96          |             |



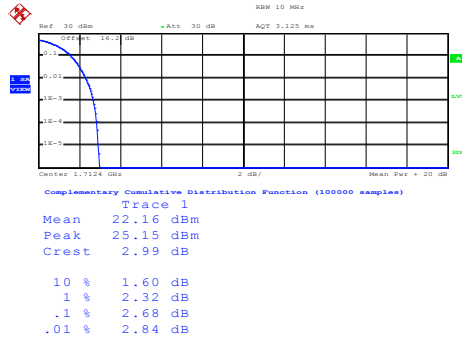
| WCDMA Band V (RMC 12.2Kbps)  | WCDMA Band II (RMC 12.2Kbps) |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
|--|------------------------------|---------|-----|---------|------|---------|-------|---------|--|------|---------|-----|---------|------|---------|-------|---------|
| <p style="text-align: center;"><b>Lowest Channel</b></p>  <p>Center: 826.4 MHz    2 dB/    Mean Pwr = 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean 21.80 dBm<br/>Peak 25.22 dBm<br/>Crest 3.42 dB</p> <table border="1"> <tr><td>10 %</td><td>1.68 dB</td></tr> <tr><td>1 %</td><td>2.64 dB</td></tr> <tr><td>.1 %</td><td>3.08 dB</td></tr> <tr><td>.01 %</td><td>3.28 dB</td></tr> </table> <p>Date: 27.DEC.2017 09:44:17</p>    | 10 %                         | 1.68 dB | 1 % | 2.64 dB | .1 % | 3.08 dB | .01 % | 3.28 dB | <p style="text-align: center;"><b>Lowest Channel</b></p>  <p>Center: 1.8524 GHz    2 dB/    Mean Pwr = 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean 21.78 dBm<br/>Peak 24.79 dBm<br/>Crest 3.02 dB</p> <table border="1"> <tr><td>10 %</td><td>1.60 dB</td></tr> <tr><td>1 %</td><td>2.32 dB</td></tr> <tr><td>.1 %</td><td>2.76 dB</td></tr> <tr><td>.01 %</td><td>2.92 dB</td></tr> </table> <p>Date: 27.DEC.2017 09:14:11</p>    | 10 % | 1.60 dB | 1 % | 2.32 dB | .1 % | 2.76 dB | .01 % | 2.92 dB |
| 10 %   | 1.68 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 1 %  | 2.64 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .1 %   | 3.08 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .01 %  | 3.28 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 10 %   | 1.60 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 1 %  | 2.32 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .1 %   | 2.76 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .01 %  | 2.92 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| <p style="text-align: center;"><b>Middle Channel</b></p>  <p>Center: 836.4 MHz    2 dB/    Mean Pwr = 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean 21.97 dBm<br/>Peak 25.43 dBm<br/>Crest 3.46 dB</p> <table border="1"> <tr><td>10 %</td><td>1.72 dB</td></tr> <tr><td>1 %</td><td>2.60 dB</td></tr> <tr><td>.1 %</td><td>3.12 dB</td></tr> <tr><td>.01 %</td><td>3.36 dB</td></tr> </table> <p>Date: 27.DEC.2017 09:44:31</p>   | 10 %                         | 1.72 dB | 1 % | 2.60 dB | .1 % | 3.12 dB | .01 % | 3.36 dB | <p style="text-align: center;"><b>Middle Channel</b></p>  <p>Center: 1.85 GHz    2 dB/    Mean Pwr = 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean 22.04 dBm<br/>Peak 25.15 dBm<br/>Crest 3.10 dB</p> <table border="1"> <tr><td>10 %</td><td>1.60 dB</td></tr> <tr><td>1 %</td><td>2.32 dB</td></tr> <tr><td>.1 %</td><td>2.76 dB</td></tr> <tr><td>.01 %</td><td>2.92 dB</td></tr> </table> <p>Date: 27.DEC.2017 09:14:23</p>     | 10 % | 1.60 dB | 1 % | 2.32 dB | .1 % | 2.76 dB | .01 % | 2.92 dB |
| 10 %   | 1.72 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 1 %  | 2.60 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .1 %   | 3.12 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .01 %  | 3.36 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 10 %   | 1.60 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 1 %  | 2.32 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .1 %   | 2.76 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .01 %  | 2.92 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| <p style="text-align: center;"><b>Highest Channel</b></p>  <p>Center: 846.6 MHz    2 dB/    Mean Pwr = 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean 22.00 dBm<br/>Peak 25.85 dBm<br/>Crest 3.86 dB</p> <table border="1"> <tr><td>10 %</td><td>1.84 dB</td></tr> <tr><td>1 %</td><td>2.84 dB</td></tr> <tr><td>.1 %</td><td>3.36 dB</td></tr> <tr><td>.01 %</td><td>3.60 dB</td></tr> </table> <p>Date: 27.DEC.2017 09:44:46</p> | 10 %                         | 1.84 dB | 1 % | 2.84 dB | .1 % | 3.36 dB | .01 % | 3.60 dB | <p style="text-align: center;"><b>Highest Channel</b></p>  <p>Center: 1.9076 GHz    2 dB/    Mean Pwr = 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean 22.15 dBm<br/>Peak 25.15 dBm<br/>Crest 3.00 dB</p> <table border="1"> <tr><td>10 %</td><td>1.64 dB</td></tr> <tr><td>1 %</td><td>2.32 dB</td></tr> <tr><td>.1 %</td><td>2.72 dB</td></tr> <tr><td>.01 %</td><td>2.92 dB</td></tr> </table> <p>Date: 27.DEC.2017 09:14:35</p> | 10 % | 1.64 dB | 1 % | 2.32 dB | .1 % | 2.72 dB | .01 % | 2.92 dB |
| 10 %   | 1.84 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 1 %  | 2.84 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .1 %   | 3.36 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .01 %  | 3.60 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 10 %   | 1.64 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 1 %  | 2.32 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .1 %   | 2.72 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .01 %  | 2.92 dB                      |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |





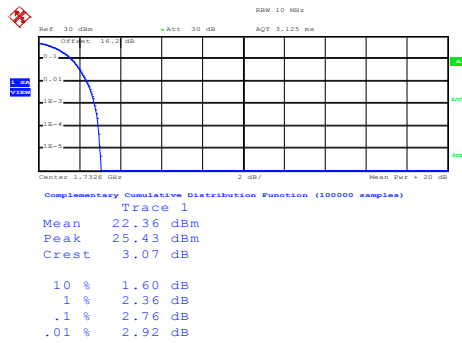
### WCDMA Band IV (RMC 12.2Kbps)

#### Lowest Channel



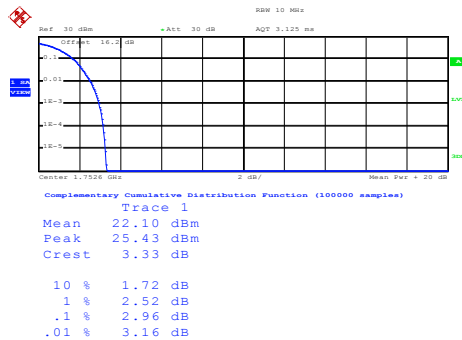
Date: 27.DEC.2017 09:29:31

#### Middle Channel



Date: 27.DEC.2017 09:29:41

#### Highest Channel



Date: 27.DEC.2017 09:30:01



**26dB Bandwidth**

| Mode       | WCDMA Band V | WCDMA Band II | WCDMA Band IV |
|------------|--------------|---------------|---------------|
| Mod.       | RMC 12.2Kbps | RMC 12.2Kbps  | RMC 12.2Kbps  |
| Lowest CH  | 4.72         | 4.75          | 4.73          |
| Middle CH  | 4.71         | 4.75          | 4.71          |
| Highest CH | 4.69         | 4.73          | 4.72          |

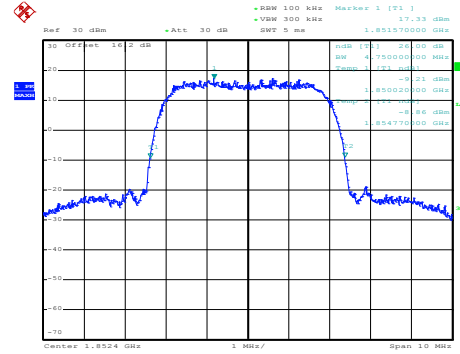
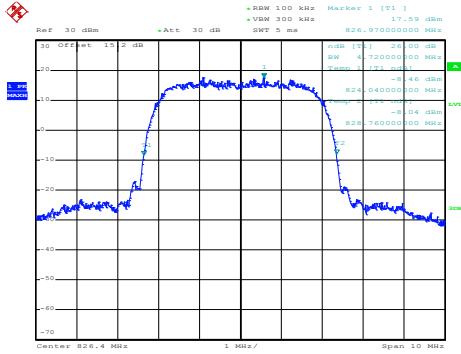


WCDMA Band V (RMC 12.2Kbps)

WCDMA Band II (RMC 12.2Kbps)

Lowest Channel

Lowest Channel

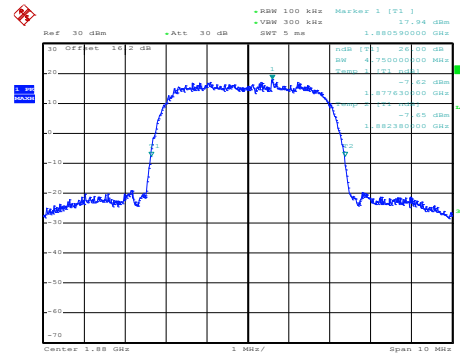
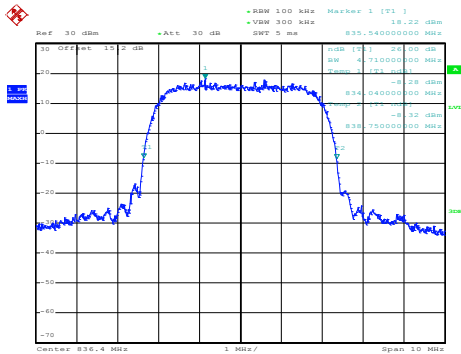


Date: 27.DEC.2017 09:31:27

Date: 27.DEC.2017 09:02:10

Middle Channel

Middle Channel

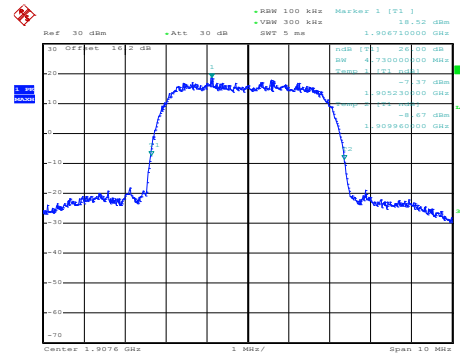
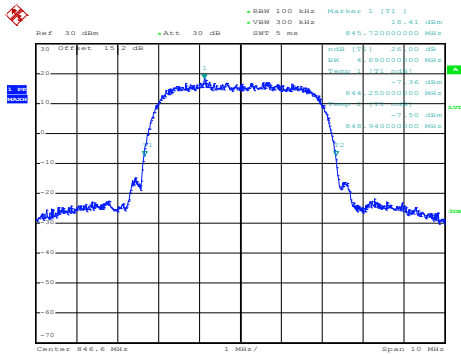


Date: 27.DEC.2017 09:31:55

Date: 27.DEC.2017 09:02:38

Highest Channel

Highest Channel



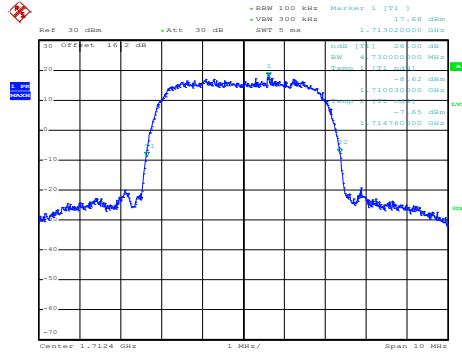
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Date: 27.DEC.2017 09:03:06



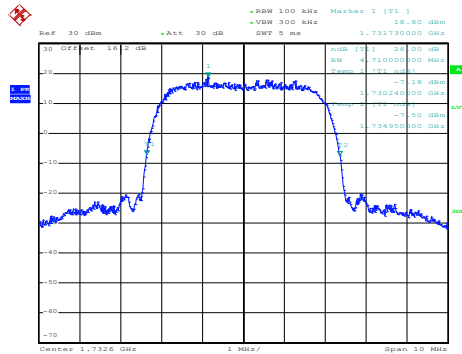
### WCDMA Band IV (RMC 12.2Kbps)

#### Lowest Channel



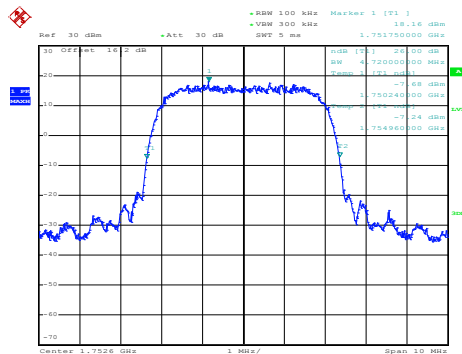
Date: 27.DEC.2017 09:16:19

#### Middle Channel



Date: 27.DEC.2017 09:16:47

#### Highest Channel



Date: 27.DEC.2017 09:17:15



**Occupied Bandwidth**

| Mode       | WCDMA Band V | WCDMA Band II | WCDMA Band IV |
|------------|--------------|---------------|---------------|
| Mod.       | RMC 12.2Kbps | RMC 12.2Kbps  | RMC 12.2Kbps  |
| Lowest CH  | 4.13         | 4.16          | 4.15          |
| Middle CH  | 4.13         | 4.16          | 4.14          |
| Highest CH | 4.13         | 4.15          | 4.13          |

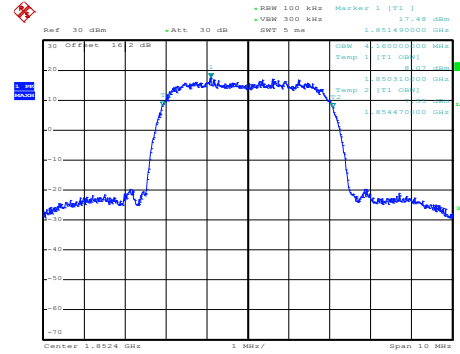
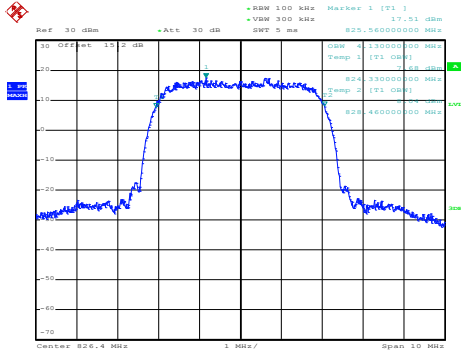


WCDMA Band V (RMC 12.2Kbps)

WCDMA Band II (RMC 12.2Kbps)

Lowest Channel

Lowest Channel

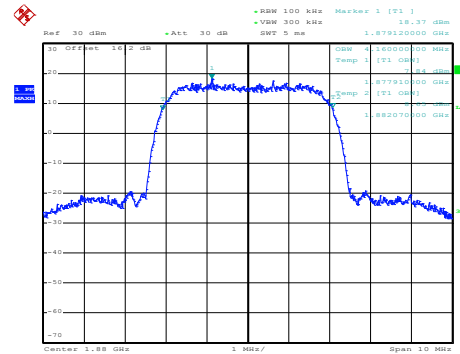
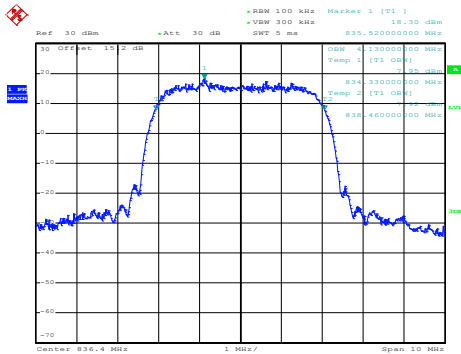


Date: 27.DEC.2017 09:32:59

Date: 27.DEC.2017 09:03:44

Middle Channel

Middle Channel

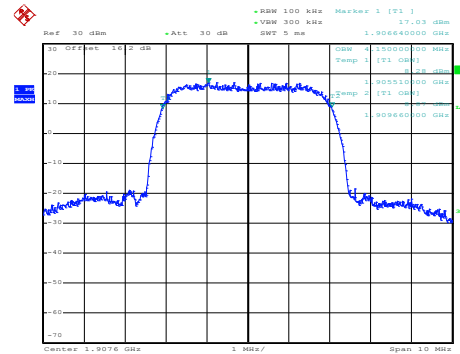
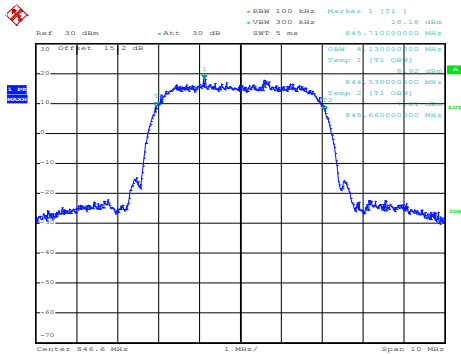


Date: 27.DEC.2017 09:33:27

Date: 27.DEC.2017 09:04:12

Highest Channel

Highest Channel



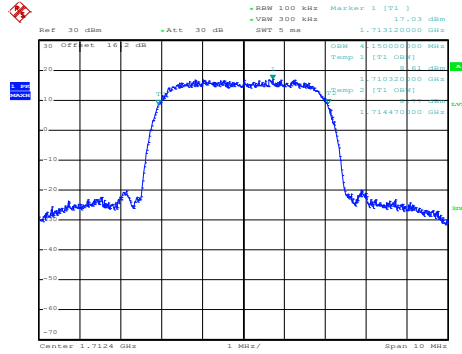
Date: 27.DEC.2017 09:33:55

Date: 27.DEC.2017 09:04:39



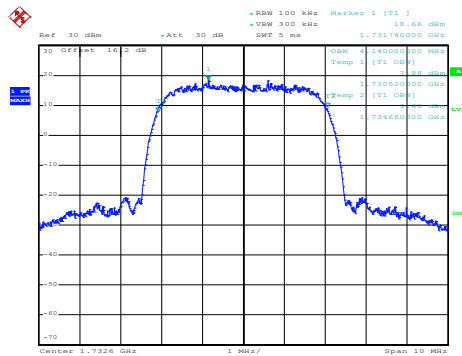
### WCDMA Band IV (RMC 12.2Kbps)

#### Lowest Channel



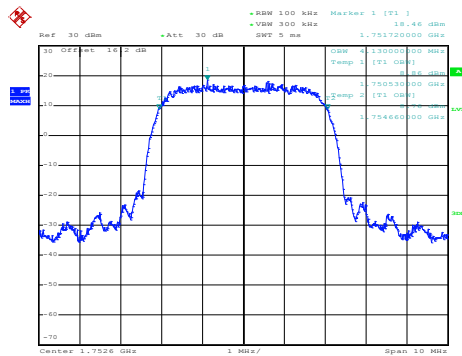
Date: 27.DEC.2017 09:18:52

#### Middle Channel



Date: 27.DEC.2017 09:19:20

#### Highest Channel



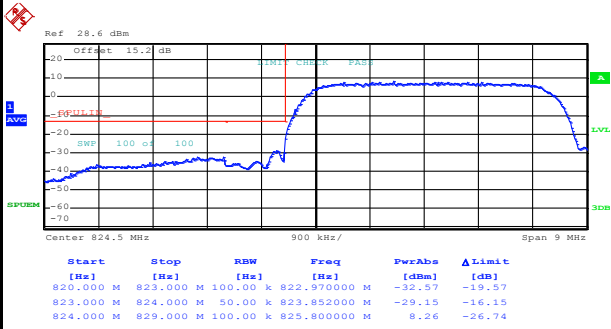
Date: 27.DEC.2017 09:19:48



# Conducted Band Edge

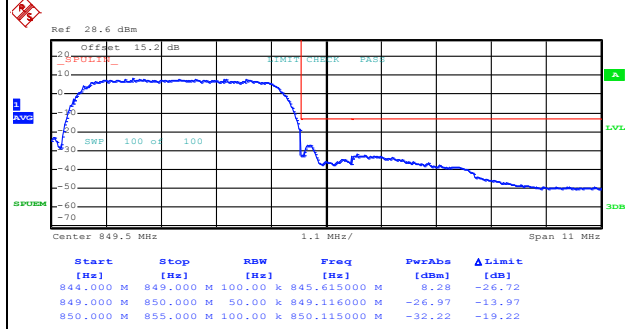
## WCDMA Band V (RMC 12.2Kbps)

### Lowest Band Edge



Date: 27.DEC.2017 09:37:24

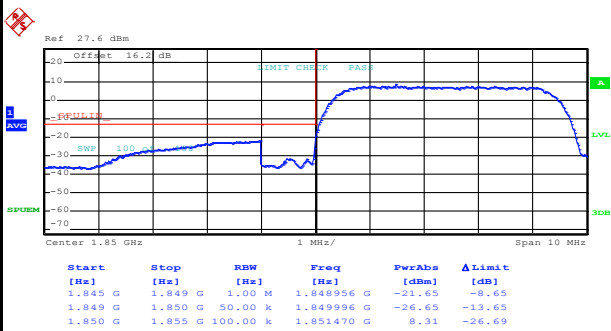
### Highest Band Edge



Date: 27.DEC.2017 09:40:06

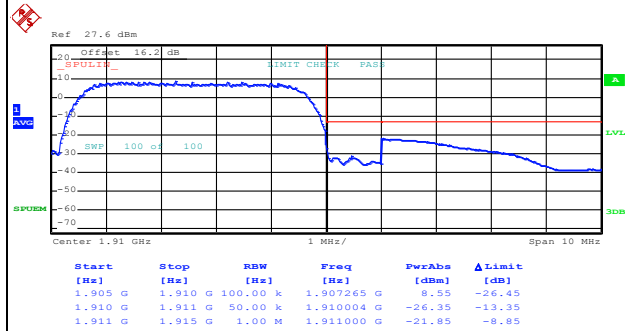
## WCDMA Band II (RMC 12.2Kbps)

### Lowest Band Edge



Date: 27.DEC.2017 09:07:26

### Highest Band Edge



Date: 27.DEC.2017 09:10:07

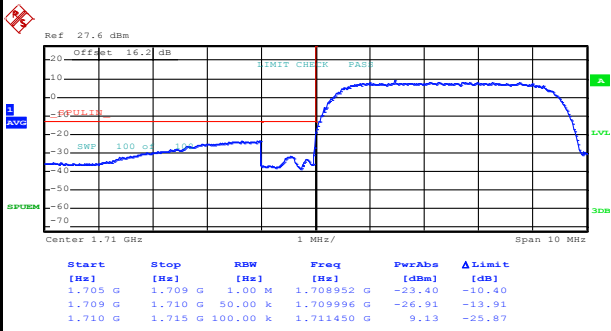




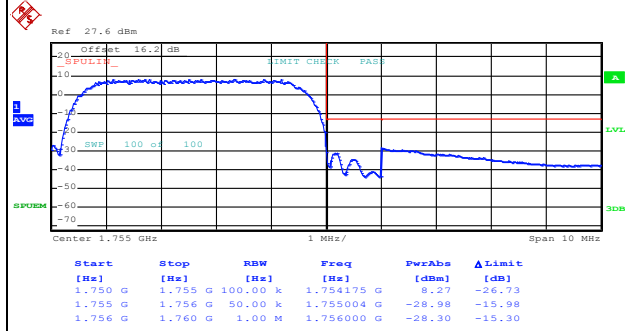
WCDMA Band IV (RMC 12.2Kbps)

Lowest Band Edge

Highest Band Edge



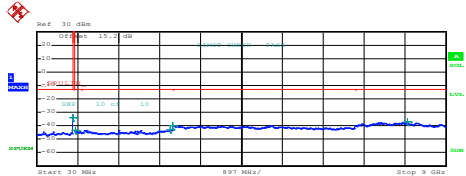
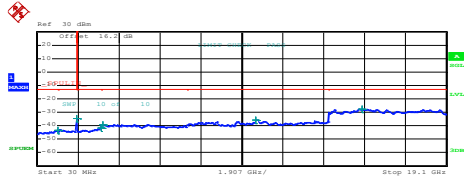
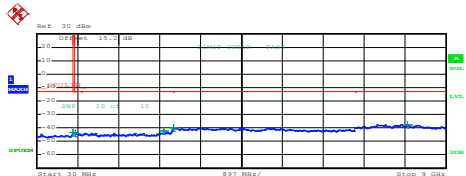
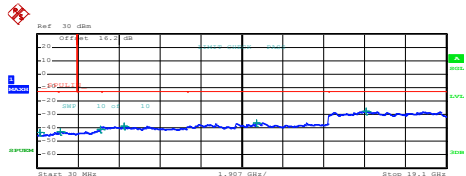
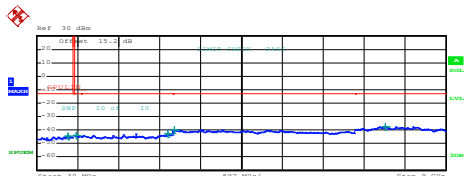
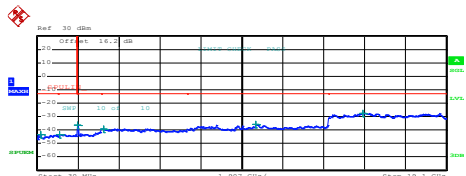
Date: 27.DEC.2017 09:23:12



Date: 27.DEC.2017 09:25:54



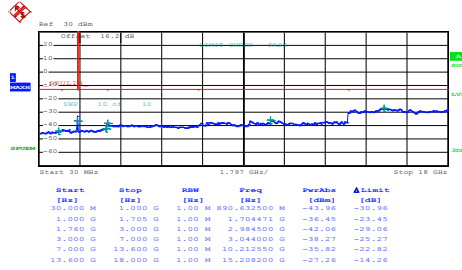
# Conducted Spurious Emission

| WCDMA Band V (RMC 12.2Kbps)  | WCDMA Band II (RMC 12.2Kbps) |        |              |        |        |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
|--|------------------------------|--------|--------------|--------|--------|--------|------|------|------|------|-------|------|----------|-----------|--------|--------------|--------|--------|-----------|---------|--------|--------------|--------|--------|---------|---------|--------|------------|--------|--------|---------|---------|--------|------------|--------|--------|---------|---------|--------|------------|--------|--------|---|-------|------|-----|------|--------|--------|------|------|------|------|-------|------|----------|---------|--------|--------------|--------|--------|---------|---------|--------|------------|--------|--------|---------|---------|--------|------------|--------|--------|---------|---------|--------|------------|--------|--------|---------|----------|--------|-------------|--------|--------|----------|----------|--------|-------------|--------|--------|
| Lowest Channel   | Lowest Channel               |        |              |        |        |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
|  <table border="1"> <thead> <tr> <th>Start</th> <th>Stop</th> <th>RBW</th> <th>Freq</th> <th>PwrAbs</th> <th>ΔLimit</th> </tr> <tr> <th>[Hz]</th> <th>[Hz]</th> <th>[Hz]</th> <th>[Hz]</th> <th>[dBm]</th> <th>[dB]</th> </tr> </thead> <tbody> <tr> <td>30.000 M</td> <td>820.000 M</td> <td>1.00 M</td> <td>819.853000 M</td> <td>-39.03</td> <td>-21.03</td> </tr> <tr> <td>855.000 M</td> <td>1.000 G</td> <td>1.00 M</td> <td>865.186251 M</td> <td>-43.66</td> <td>-30.66</td> </tr> <tr> <td>1.000 G</td> <td>3.000 G</td> <td>1.00 M</td> <td>2.947500 G</td> <td>-43.04</td> <td>-30.04</td> </tr> <tr> <td>3.000 G</td> <td>7.000 G</td> <td>1.00 M</td> <td>3.003000 G</td> <td>-39.80</td> <td>-26.80</td> </tr> <tr> <td>7.000 G</td> <td>9.000 G</td> <td>1.00 M</td> <td>8.159500 G</td> <td>-37.12</td> <td>-24.12</td> </tr> </tbody> </table> <p>Date: 27.DEC.2017 09:42:26</p>   | Start                        | Stop   | RBW          | Freq   | PwrAbs | ΔLimit | [Hz] | [Hz] | [Hz] | [Hz] | [dBm] | [dB] | 30.000 M | 820.000 M | 1.00 M | 819.853000 M | -39.03 | -21.03 | 855.000 M | 1.000 G | 1.00 M | 865.186251 M | -43.66 | -30.66 | 1.000 G | 3.000 G | 1.00 M | 2.947500 G | -43.04 | -30.04 | 3.000 G | 7.000 G | 1.00 M | 3.003000 G | -39.80 | -26.80 | 7.000 G | 9.000 G | 1.00 M | 8.159500 G | -37.12 | -24.12 |  <table border="1"> <thead> <tr> <th>Start</th> <th>Stop</th> <th>RBW</th> <th>Freq</th> <th>PwrAbs</th> <th>ΔLimit</th> </tr> <tr> <th>[Hz]</th> <th>[Hz]</th> <th>[Hz]</th> <th>[Hz]</th> <th>[dBm]</th> <th>[dB]</th> </tr> </thead> <tbody> <tr> <td>30.000 M</td> <td>3.000 G</td> <td>1.00 M</td> <td>978.417500 M</td> <td>-43.33</td> <td>-30.33</td> </tr> <tr> <td>3.000 G</td> <td>3.845 G</td> <td>1.00 M</td> <td>3.844789 G</td> <td>-34.88</td> <td>-21.88</td> </tr> <tr> <td>3.915 G</td> <td>3.000 G</td> <td>1.00 M</td> <td>3.000000 G</td> <td>-42.65</td> <td>-28.65</td> </tr> <tr> <td>3.000 G</td> <td>7.000 G</td> <td>1.00 M</td> <td>3.075000 G</td> <td>-39.10</td> <td>-26.10</td> </tr> <tr> <td>7.000 G</td> <td>13.600 G</td> <td>1.00 M</td> <td>10.207600 G</td> <td>-35.90</td> <td>-22.90</td> </tr> <tr> <td>13.600 G</td> <td>19.100 G</td> <td>1.00 M</td> <td>15.382625 G</td> <td>-27.59</td> <td>-14.59</td> </tr> </tbody> </table> <p>Date: 27.DEC.2017 09:12:24</p>   | Start | Stop | RBW | Freq | PwrAbs | ΔLimit | [Hz] | [Hz] | [Hz] | [Hz] | [dBm] | [dB] | 30.000 M | 3.000 G | 1.00 M | 978.417500 M | -43.33 | -30.33 | 3.000 G | 3.845 G | 1.00 M | 3.844789 G | -34.88 | -21.88 | 3.915 G | 3.000 G | 1.00 M | 3.000000 G | -42.65 | -28.65 | 3.000 G | 7.000 G | 1.00 M | 3.075000 G | -39.10 | -26.10 | 7.000 G | 13.600 G | 1.00 M | 10.207600 G | -35.90 | -22.90 | 13.600 G | 19.100 G | 1.00 M | 15.382625 G | -27.59 | -14.59 |
| Start  | Stop                         | RBW    | Freq         | PwrAbs | ΔLimit |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| [Hz]   | [Hz]                         | [Hz]   | [Hz]         | [dBm]  | [dB]   |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 30.000 M   | 820.000 M                    | 1.00 M | 819.853000 M | -39.03 | -21.03 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 855.000 M  | 1.000 G                      | 1.00 M | 865.186251 M | -43.66 | -30.66 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 1.000 G  | 3.000 G                      | 1.00 M | 2.947500 G   | -43.04 | -30.04 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 3.000 G  | 7.000 G                      | 1.00 M | 3.003000 G   | -39.80 | -26.80 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 7.000 G  | 9.000 G                      | 1.00 M | 8.159500 G   | -37.12 | -24.12 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| Start  | Stop                         | RBW    | Freq         | PwrAbs | ΔLimit |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| [Hz]   | [Hz]                         | [Hz]   | [Hz]         | [dBm]  | [dB]   |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 30.000 M   | 3.000 G                      | 1.00 M | 978.417500 M | -43.33 | -30.33 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 3.000 G  | 3.845 G                      | 1.00 M | 3.844789 G   | -34.88 | -21.88 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 3.915 G  | 3.000 G                      | 1.00 M | 3.000000 G   | -42.65 | -28.65 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 3.000 G  | 7.000 G                      | 1.00 M | 3.075000 G   | -39.10 | -26.10 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 7.000 G  | 13.600 G                     | 1.00 M | 10.207600 G  | -35.90 | -22.90 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 13.600 G   | 19.100 G                     | 1.00 M | 15.382625 G  | -27.59 | -14.59 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| Middle Channel   | Middle Channel               |        |              |        |        |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
|  <table border="1"> <thead> <tr> <th>Start</th> <th>Stop</th> <th>RBW</th> <th>Freq</th> <th>PwrAbs</th> <th>ΔLimit</th> </tr> <tr> <th>[Hz]</th> <th>[Hz]</th> <th>[Hz]</th> <th>[Hz]</th> <th>[dBm]</th> <th>[dB]</th> </tr> </thead> <tbody> <tr> <td>30.000 M</td> <td>820.000 M</td> <td>1.00 M</td> <td>819.465000 M</td> <td>-43.55</td> <td>-30.55</td> </tr> <tr> <td>855.000 M</td> <td>1.000 G</td> <td>1.00 M</td> <td>871.947500 M</td> <td>-44.03</td> <td>-31.03</td> </tr> <tr> <td>1.000 G</td> <td>3.000 G</td> <td>1.00 M</td> <td>2.814000 G</td> <td>-42.04</td> <td>-29.04</td> </tr> <tr> <td>3.000 G</td> <td>7.000 G</td> <td>1.00 M</td> <td>3.032000 G</td> <td>-39.60</td> <td>-26.60</td> </tr> <tr> <td>7.000 G</td> <td>9.000 G</td> <td>1.00 M</td> <td>8.153000 G</td> <td>-37.46</td> <td>-24.46</td> </tr> </tbody> </table> <p>Date: 27.DEC.2017 09:43:12</p>  | Start                        | Stop   | RBW          | Freq   | PwrAbs | ΔLimit | [Hz] | [Hz] | [Hz] | [Hz] | [dBm] | [dB] | 30.000 M | 820.000 M | 1.00 M | 819.465000 M | -43.55 | -30.55 | 855.000 M | 1.000 G | 1.00 M | 871.947500 M | -44.03 | -31.03 | 1.000 G | 3.000 G | 1.00 M | 2.814000 G | -42.04 | -29.04 | 3.000 G | 7.000 G | 1.00 M | 3.032000 G | -39.60 | -26.60 | 7.000 G | 9.000 G | 1.00 M | 8.153000 G | -37.46 | -24.46 |  <table border="1"> <thead> <tr> <th>Start</th> <th>Stop</th> <th>RBW</th> <th>Freq</th> <th>PwrAbs</th> <th>ΔLimit</th> </tr> <tr> <th>[Hz]</th> <th>[Hz]</th> <th>[Hz]</th> <th>[Hz]</th> <th>[dBm]</th> <th>[dB]</th> </tr> </thead> <tbody> <tr> <td>30.000 M</td> <td>3.000 G</td> <td>1.00 M</td> <td>141.065000 M</td> <td>-43.35</td> <td>-30.35</td> </tr> <tr> <td>3.000 G</td> <td>3.845 G</td> <td>1.00 M</td> <td>3.086300 G</td> <td>-42.30</td> <td>-29.30</td> </tr> <tr> <td>3.915 G</td> <td>3.000 G</td> <td>1.00 M</td> <td>2.981826 G</td> <td>-41.17</td> <td>-28.17</td> </tr> <tr> <td>3.000 G</td> <td>7.000 G</td> <td>1.00 M</td> <td>4.087000 G</td> <td>-38.47</td> <td>-25.47</td> </tr> <tr> <td>7.000 G</td> <td>13.600 G</td> <td>1.00 M</td> <td>10.223975 G</td> <td>-36.40</td> <td>-23.40</td> </tr> <tr> <td>13.600 G</td> <td>19.100 G</td> <td>1.00 M</td> <td>15.358625 G</td> <td>-27.47</td> <td>-14.47</td> </tr> </tbody> </table> <p>Date: 27.DEC.2017 09:13:10</p>  | Start | Stop | RBW | Freq | PwrAbs | ΔLimit | [Hz] | [Hz] | [Hz] | [Hz] | [dBm] | [dB] | 30.000 M | 3.000 G | 1.00 M | 141.065000 M | -43.35 | -30.35 | 3.000 G | 3.845 G | 1.00 M | 3.086300 G | -42.30 | -29.30 | 3.915 G | 3.000 G | 1.00 M | 2.981826 G | -41.17 | -28.17 | 3.000 G | 7.000 G | 1.00 M | 4.087000 G | -38.47 | -25.47 | 7.000 G | 13.600 G | 1.00 M | 10.223975 G | -36.40 | -23.40 | 13.600 G | 19.100 G | 1.00 M | 15.358625 G | -27.47 | -14.47 |
| Start  | Stop                         | RBW    | Freq         | PwrAbs | ΔLimit |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| [Hz]   | [Hz]                         | [Hz]   | [Hz]         | [dBm]  | [dB]   |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 30.000 M   | 820.000 M                    | 1.00 M | 819.465000 M | -43.55 | -30.55 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 855.000 M  | 1.000 G                      | 1.00 M | 871.947500 M | -44.03 | -31.03 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 1.000 G  | 3.000 G                      | 1.00 M | 2.814000 G   | -42.04 | -29.04 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 3.000 G  | 7.000 G                      | 1.00 M | 3.032000 G   | -39.60 | -26.60 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 7.000 G  | 9.000 G                      | 1.00 M | 8.153000 G   | -37.46 | -24.46 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| Start  | Stop                         | RBW    | Freq         | PwrAbs | ΔLimit |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| [Hz]   | [Hz]                         | [Hz]   | [Hz]         | [dBm]  | [dB]   |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 30.000 M   | 3.000 G                      | 1.00 M | 141.065000 M | -43.35 | -30.35 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 3.000 G  | 3.845 G                      | 1.00 M | 3.086300 G   | -42.30 | -29.30 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 3.915 G  | 3.000 G                      | 1.00 M | 2.981826 G   | -41.17 | -28.17 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 3.000 G  | 7.000 G                      | 1.00 M | 4.087000 G   | -38.47 | -25.47 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 7.000 G  | 13.600 G                     | 1.00 M | 10.223975 G  | -36.40 | -23.40 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 13.600 G   | 19.100 G                     | 1.00 M | 15.358625 G  | -27.47 | -14.47 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| Highest Channel  | Highest Channel              |        |              |        |        |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
|  <table border="1"> <thead> <tr> <th>Start</th> <th>Stop</th> <th>RBW</th> <th>Freq</th> <th>PwrAbs</th> <th>ΔLimit</th> </tr> <tr> <th>[Hz]</th> <th>[Hz]</th> <th>[Hz]</th> <th>[Hz]</th> <th>[dBm]</th> <th>[dB]</th> </tr> </thead> <tbody> <tr> <td>30.000 M</td> <td>820.000 M</td> <td>1.00 M</td> <td>701.807500 M</td> <td>-44.75</td> <td>-31.75</td> </tr> <tr> <td>855.000 M</td> <td>1.000 G</td> <td>1.00 M</td> <td>859.551253 M</td> <td>-44.12</td> <td>-31.12</td> </tr> <tr> <td>1.000 G</td> <td>3.000 G</td> <td>1.00 M</td> <td>2.993000 G</td> <td>-42.97</td> <td>-29.97</td> </tr> <tr> <td>3.000 G</td> <td>7.000 G</td> <td>1.00 M</td> <td>3.046000 G</td> <td>-39.97</td> <td>-26.97</td> </tr> <tr> <td>7.000 G</td> <td>9.000 G</td> <td>1.00 M</td> <td>7.666000 G</td> <td>-37.59</td> <td>-24.59</td> </tr> </tbody> </table> <p>Date: 27.DEC.2017 09:43:57</p> | Start                        | Stop   | RBW          | Freq   | PwrAbs | ΔLimit | [Hz] | [Hz] | [Hz] | [Hz] | [dBm] | [dB] | 30.000 M | 820.000 M | 1.00 M | 701.807500 M | -44.75 | -31.75 | 855.000 M | 1.000 G | 1.00 M | 859.551253 M | -44.12 | -31.12 | 1.000 G | 3.000 G | 1.00 M | 2.993000 G | -42.97 | -29.97 | 3.000 G | 7.000 G | 1.00 M | 3.046000 G | -39.97 | -26.97 | 7.000 G | 9.000 G | 1.00 M | 7.666000 G | -37.59 | -24.59 |  <table border="1"> <thead> <tr> <th>Start</th> <th>Stop</th> <th>RBW</th> <th>Freq</th> <th>PwrAbs</th> <th>ΔLimit</th> </tr> <tr> <th>[Hz]</th> <th>[Hz]</th> <th>[Hz]</th> <th>[Hz]</th> <th>[dBm]</th> <th>[dB]</th> </tr> </thead> <tbody> <tr> <td>30.000 M</td> <td>3.000 G</td> <td>1.00 M</td> <td>170.650000 M</td> <td>-43.37</td> <td>-30.37</td> </tr> <tr> <td>3.000 G</td> <td>3.845 G</td> <td>1.00 M</td> <td>3.050278 G</td> <td>-43.34</td> <td>-30.34</td> </tr> <tr> <td>3.915 G</td> <td>3.000 G</td> <td>1.00 M</td> <td>3.026627 G</td> <td>-36.47</td> <td>-23.47</td> </tr> <tr> <td>3.000 G</td> <td>7.000 G</td> <td>1.00 M</td> <td>3.106000 G</td> <td>-39.02</td> <td>-26.02</td> </tr> <tr> <td>7.000 G</td> <td>13.600 G</td> <td>1.00 M</td> <td>10.210075 G</td> <td>-35.90</td> <td>-22.90</td> </tr> <tr> <td>13.600 G</td> <td>19.100 G</td> <td>1.00 M</td> <td>15.233563 G</td> <td>-27.68</td> <td>-14.68</td> </tr> </tbody> </table> <p>Date: 27.DEC.2017 09:13:55</p> | Start | Stop | RBW | Freq | PwrAbs | ΔLimit | [Hz] | [Hz] | [Hz] | [Hz] | [dBm] | [dB] | 30.000 M | 3.000 G | 1.00 M | 170.650000 M | -43.37 | -30.37 | 3.000 G | 3.845 G | 1.00 M | 3.050278 G | -43.34 | -30.34 | 3.915 G | 3.000 G | 1.00 M | 3.026627 G | -36.47 | -23.47 | 3.000 G | 7.000 G | 1.00 M | 3.106000 G | -39.02 | -26.02 | 7.000 G | 13.600 G | 1.00 M | 10.210075 G | -35.90 | -22.90 | 13.600 G | 19.100 G | 1.00 M | 15.233563 G | -27.68 | -14.68 |
| Start  | Stop                         | RBW    | Freq         | PwrAbs | ΔLimit |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| [Hz]   | [Hz]                         | [Hz]   | [Hz]         | [dBm]  | [dB]   |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 30.000 M   | 820.000 M                    | 1.00 M | 701.807500 M | -44.75 | -31.75 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 855.000 M  | 1.000 G                      | 1.00 M | 859.551253 M | -44.12 | -31.12 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 1.000 G  | 3.000 G                      | 1.00 M | 2.993000 G   | -42.97 | -29.97 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 3.000 G  | 7.000 G                      | 1.00 M | 3.046000 G   | -39.97 | -26.97 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 7.000 G  | 9.000 G                      | 1.00 M | 7.666000 G   | -37.59 | -24.59 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| Start  | Stop                         | RBW    | Freq         | PwrAbs | ΔLimit |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| [Hz]   | [Hz]                         | [Hz]   | [Hz]         | [dBm]  | [dB]   |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 30.000 M   | 3.000 G                      | 1.00 M | 170.650000 M | -43.37 | -30.37 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 3.000 G  | 3.845 G                      | 1.00 M | 3.050278 G   | -43.34 | -30.34 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 3.915 G  | 3.000 G                      | 1.00 M | 3.026627 G   | -36.47 | -23.47 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 3.000 G  | 7.000 G                      | 1.00 M | 3.106000 G   | -39.02 | -26.02 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 7.000 G  | 13.600 G                     | 1.00 M | 10.210075 G  | -35.90 | -22.90 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 13.600 G   | 19.100 G                     | 1.00 M | 15.233563 G  | -27.68 | -14.68 |        |      |      |      |      |       |      |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |   |       |      |     |      |        |        |      |      |      |      |       |      |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |



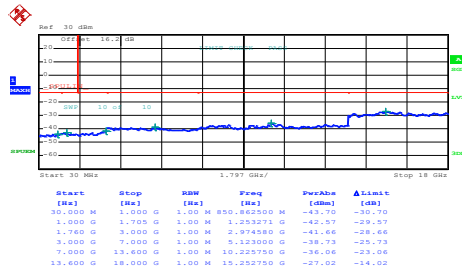
WCDMA Band IV (RMC 12.2Kbps)

Lowest Channel



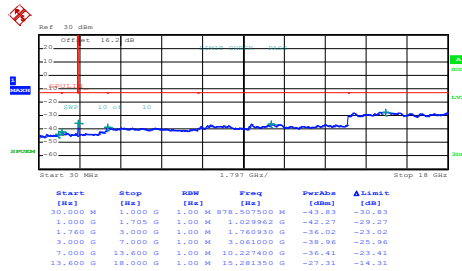
Date: 27.DEC.2017 09:27:09

Middle Channel



Date: 27.DEC.2017 09:27:54

Highest Channel



Date: 27.DEC.2017 09:28:40



**Frequency Stability**

| Test Conditions  | Middle Channel    | WCDMA Band V<br>(RMC 12.2Kbps) | Limit<br>2.5ppm |
|------------------|-------------------|--------------------------------|-----------------|
| Temperature (°C) | Voltage (Volt)    | Deviation (ppm)                | Result          |
| 50               | Normal Voltage    | 0.0155                         | PASS            |
| 40               | Normal Voltage    | 0.0108                         |                 |
| 30               | Normal Voltage    | 0.0120                         |                 |
| 20(Ref.)         | Normal Voltage    | 0.0000                         |                 |
| 10               | Normal Voltage    | 0.0096                         |                 |
| 0                | Normal Voltage    | 0.0120                         |                 |
| -10              | Normal Voltage    | 0.0108                         |                 |
| -20              | Normal Voltage    | 0.0096                         |                 |
| -30              | Normal Voltage    | 0.0108                         |                 |
| 20               | Maximum Voltage   | 0.0036                         |                 |
| 20               | Normal Voltage    | 0.0000                         |                 |
| 20               | Battery End Point | 0.0024                         |                 |

| Test Conditions  | Middle Channel    | WCDMA Band II<br>(RMC 12.2Kbps) | Limit<br>Note 2. |
|------------------|-------------------|---------------------------------|------------------|
| Temperature (°C) | Voltage (Volt)    | Deviation (ppm)                 | Result           |
| 50               | Normal Voltage    | 0.0112                          | PASS             |
| 40               | Normal Voltage    | 0.0096                          |                  |
| 30               | Normal Voltage    | 0.0090                          |                  |
| 20(Ref.)         | Normal Voltage    | 0.0000                          |                  |
| 10               | Normal Voltage    | 0.0011                          |                  |
| 0                | Normal Voltage    | 0.0085                          |                  |
| -10              | Normal Voltage    | 0.0090                          |                  |
| -20              | Normal Voltage    | 0.0106                          |                  |
| -30              | Normal Voltage    | 0.0074                          |                  |
| 20               | Maximum Voltage   | 0.0027                          |                  |
| 20               | Normal Voltage    | 0.0000                          |                  |
| 20               | Battery End Point | 0.0011                          |                  |



| Test Conditions  | Middle Channel    | WCDMA Band IV<br>(RMC 12.2Kbps) | Limit<br>Note 2. |
|------------------|-------------------|---------------------------------|------------------|
| Temperature (°C) | Voltage (Volt)    | Deviation (ppm)                 | Result           |
| 50               | Normal Voltage    | 0.0115                          | PASS             |
| 40               | Normal Voltage    | 0.0133                          |                  |
| 30               | Normal Voltage    | 0.0127                          |                  |
| 20(Ref.)         | Normal Voltage    | 0.0000                          |                  |
| 10               | Normal Voltage    | 0.0115                          |                  |
| 0                | Normal Voltage    | 0.0162                          |                  |
| -10              | Normal Voltage    | 0.0185                          |                  |
| -20              | Normal Voltage    | 0.0167                          |                  |
| -30              | Normal Voltage    | 0.0156                          |                  |
| 20               | Maximum Voltage   | 0.0012                          |                  |
| 20               | Normal Voltage    | 0.0000                          |                  |
| 20               | Battery End Point | 0.0006                          |                  |

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.4 V
2. The frequency fundamental emissions stay within the authorized frequency block.



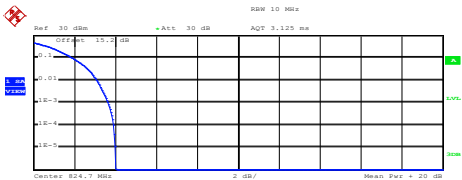
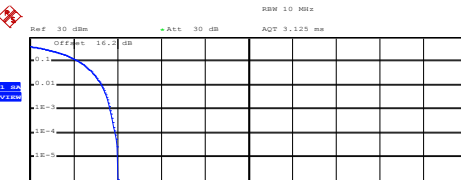

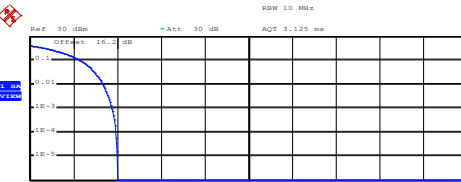
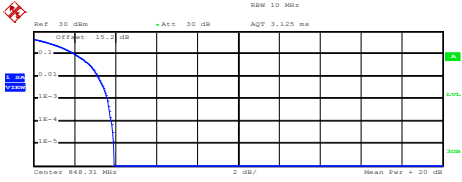
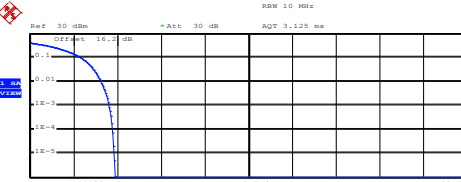
## A4. CDMA

### Peak-to-Average Ratio

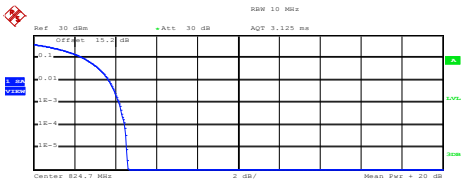
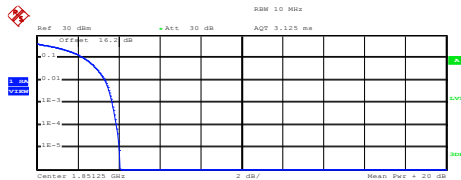

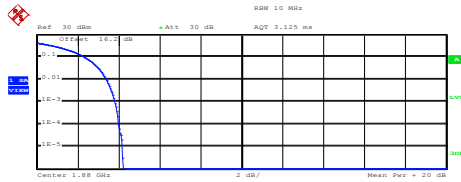
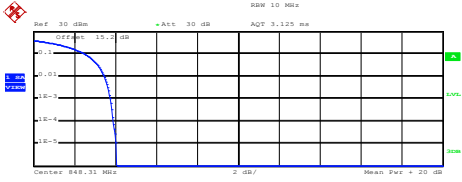
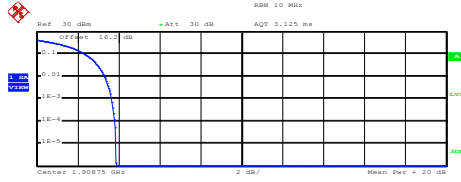
| Mode       | CDMA BC0 | CDMA BC1 | Limit: 13dB |
|------------|----------|----------|-------------|
| Mod.       | 1xRTT    | 1xRTT    | Result      |
| Lowest CH  | 3.64     | 3.68     | PASS        |
| Middle CH  | 3.52     | 3.76     |             |
| Highest CH | 3.64     | 3.64     |             |

| Mode       | CDMA BC0       | CDMA BC1       | Limit: 13dB |
|------------|----------------|----------------|-------------|
| Mod.       | 1xEV-DO Rev. 0 | 1xEV-DO Rev. 0 | Result      |
| Lowest CH  | 4.20           | 3.68           | PASS        |
| Middle CH  | 3.96           | 3.84           |             |
| Highest CH | 3.76           | 3.64           |             |



| CDMA BC0 (1xRTT)  | CDMA BC1 (1xRTT) |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
|---|------------------|---------|-----|---------|------|---------|-------|---------|---|------|---------|-----|---------|------|---------|-------|---------|
| Lowest Channel  | Lowest Channel   |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
|  <p>Ref: 30 dBm, Offset: 15.2 dB, Att: 30 dB, AQT: 3.125 ms, RBW: 10 MHz, Center: 824.7 MHz, Mean Pwr: +20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean: 22.93 dBm<br/>Peak: 26.94 dBm<br/>Crest: 4.01 dB</p> <table border="1"> <tr><td>10 %</td><td>1.92 dB</td></tr> <tr><td>1 %</td><td>3.08 dB</td></tr> <tr><td>.1 %</td><td>3.64 dB</td></tr> <tr><td>.01 %</td><td>3.92 dB</td></tr> </table> <p>Date: 28.DEC.2017 14:18:38</p>    | 10 %             | 1.92 dB | 1 % | 3.08 dB | .1 % | 3.64 dB | .01 % | 3.92 dB |  <p>Ref: 30 dBm, Offset: 16.2 dB, Att: 30 dB, AQT: 3.125 ms, RBW: 10 MHz, Center: 1.85125 GHz, Mean Pwr: +20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean: 22.90 dBm<br/>Peak: 26.93 dBm<br/>Crest: 4.03 dB</p> <table border="1"> <tr><td>10 %</td><td>2.24 dB</td></tr> <tr><td>1 %</td><td>3.28 dB</td></tr> <tr><td>.1 %</td><td>3.68 dB</td></tr> <tr><td>.01 %</td><td>3.92 dB</td></tr> </table> <p>Date: 29.DEC.2017 10:20:45</p>   | 10 % | 2.24 dB | 1 % | 3.28 dB | .1 % | 3.68 dB | .01 % | 3.92 dB |
| 10 %  | 1.92 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| 1 %   | 3.08 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .1 %  | 3.64 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .01 %   | 3.92 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| 10 %  | 2.24 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| 1 %   | 3.28 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .1 %  | 3.68 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .01 %   | 3.92 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| Middle Channel  | Middle Channel   |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
|  <p>Ref: 30 dBm, Offset: 15.2 dB, Att: 30 dB, AQT: 3.125 ms, RBW: 10 MHz, Center: 816.52 MHz, Mean Pwr: +20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean: 22.79 dBm<br/>Peak: 26.72 dBm<br/>Crest: 3.94 dB</p> <table border="1"> <tr><td>10 %</td><td>1.92 dB</td></tr> <tr><td>1 %</td><td>3.04 dB</td></tr> <tr><td>.1 %</td><td>3.52 dB</td></tr> <tr><td>.01 %</td><td>3.80 dB</td></tr> </table> <p>Date: 28.DEC.2017 14:18:53</p>  | 10 %             | 1.92 dB | 1 % | 3.04 dB | .1 % | 3.52 dB | .01 % | 3.80 dB |  <p>Ref: 30 dBm, Offset: 16.2 dB, Att: 30 dB, AQT: 3.125 ms, RBW: 10 MHz, Center: 1.88 GHz, Mean Pwr: +20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean: 22.97 dBm<br/>Peak: 27.00 dBm<br/>Crest: 4.03 dB</p> <table border="1"> <tr><td>10 %</td><td>2.32 dB</td></tr> <tr><td>1 %</td><td>3.36 dB</td></tr> <tr><td>.1 %</td><td>3.76 dB</td></tr> <tr><td>.01 %</td><td>3.96 dB</td></tr> </table> <p>Date: 29.DEC.2017 10:21:01</p>     | 10 % | 2.32 dB | 1 % | 3.36 dB | .1 % | 3.76 dB | .01 % | 3.96 dB |
| 10 %  | 1.92 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| 1 %   | 3.04 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .1 %  | 3.52 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .01 %   | 3.80 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| 10 %  | 2.32 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| 1 %   | 3.36 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .1 %  | 3.76 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .01 %   | 3.96 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| Highest Channel   | Highest Channel  |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
|  <p>Ref: 30 dBm, Offset: 15.2 dB, Att: 30 dB, AQT: 3.125 ms, RBW: 10 MHz, Center: 848.35 MHz, Mean Pwr: +20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean: 22.84 dBm<br/>Peak: 26.79 dBm<br/>Crest: 3.96 dB</p> <table border="1"> <tr><td>10 %</td><td>2.04 dB</td></tr> <tr><td>1 %</td><td>3.16 dB</td></tr> <tr><td>.1 %</td><td>3.64 dB</td></tr> <tr><td>.01 %</td><td>3.80 dB</td></tr> </table> <p>Date: 28.DEC.2017 14:19:08</p> | 10 %             | 2.04 dB | 1 % | 3.16 dB | .1 % | 3.64 dB | .01 % | 3.80 dB |  <p>Ref: 30 dBm, Offset: 16.2 dB, Att: 30 dB, AQT: 3.125 ms, RBW: 10 MHz, Center: 1.90875 GHz, Mean Pwr: +20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean: 22.88 dBm<br/>Peak: 26.79 dBm<br/>Crest: 3.91 dB</p> <table border="1"> <tr><td>10 %</td><td>2.36 dB</td></tr> <tr><td>1 %</td><td>3.24 dB</td></tr> <tr><td>.1 %</td><td>3.64 dB</td></tr> <tr><td>.01 %</td><td>3.80 dB</td></tr> </table> <p>Date: 29.DEC.2017 10:21:13</p> | 10 % | 2.36 dB | 1 % | 3.24 dB | .1 % | 3.64 dB | .01 % | 3.80 dB |
| 10 %  | 2.04 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| 1 %   | 3.16 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .1 %  | 3.64 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .01 %   | 3.80 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| 10 %  | 2.36 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| 1 %   | 3.24 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .1 %  | 3.64 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |
| .01 %   | 3.80 dB          |         |     |         |      |         |       |         |   |      |         |     |         |      |         |       |         |



| CDMA BC0 (1xEV-DO Rev. 0)  | CDMA BC1 (1xEV-DO Rev. 0) |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
|--|---------------------------|---------|-----|---------|------|---------|-------|---------|--|------|---------|-----|---------|------|---------|-------|---------|
| <p align="center"><b>Lowest Channel</b></p>  <p>Center: 824.7 MHz    2 dB/    Mean Pwr = 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean 22.96 dBm<br/>Peak 27.57 dBm<br/>Crest 4.61 dB</p> <table border="1"> <tr><td>10 %</td><td>2.44 dB</td></tr> <tr><td>1 %</td><td>3.68 dB</td></tr> <tr><td>.1 %</td><td>4.20 dB</td></tr> <tr><td>.01 %</td><td>4.48 dB</td></tr> </table> <p>Date: 28.DEC.2017 15:37:11</p>     | 10 %                      | 2.44 dB | 1 % | 3.68 dB | .1 % | 4.20 dB | .01 % | 4.48 dB | <p align="center"><b>Lowest Channel</b></p>  <p>Center: 1.85125 GHz    2 dB/    Mean Pwr = 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean 22.94 dBm<br/>Peak 27.00 dBm<br/>Crest 4.06 dB</p> <table border="1"> <tr><td>10 %</td><td>2.32 dB</td></tr> <tr><td>1 %</td><td>3.32 dB</td></tr> <tr><td>.1 %</td><td>3.68 dB</td></tr> <tr><td>.01 %</td><td>3.88 dB</td></tr> </table> <p>Date: 29.DEC.2017 10:13:07</p>    | 10 % | 2.32 dB | 1 % | 3.32 dB | .1 % | 3.68 dB | .01 % | 3.88 dB |
| 10 %   | 2.44 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 1 %  | 3.68 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .1 %   | 4.20 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .01 %  | 4.48 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 10 %   | 2.32 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 1 %  | 3.32 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .1 %   | 3.68 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .01 %  | 3.88 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| <p align="center"><b>Middle Channel</b></p>  <p>Center: 816.52 MHz    2 dB/    Mean Pwr = 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean 22.92 dBm<br/>Peak 27.15 dBm<br/>Crest 4.22 dB</p> <table border="1"> <tr><td>10 %</td><td>2.48 dB</td></tr> <tr><td>1 %</td><td>3.56 dB</td></tr> <tr><td>.1 %</td><td>3.96 dB</td></tr> <tr><td>.01 %</td><td>4.12 dB</td></tr> </table> <p>Date: 28.DEC.2017 15:37:26</p>   | 10 %                      | 2.48 dB | 1 % | 3.56 dB | .1 % | 3.96 dB | .01 % | 4.12 dB | <p align="center"><b>Middle Channel</b></p>  <p>Center: 1.88 GHz    2 dB/    Mean Pwr = 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean 23.02 dBm<br/>Peak 27.21 dBm<br/>Crest 4.20 dB</p> <table border="1"> <tr><td>10 %</td><td>2.36 dB</td></tr> <tr><td>1 %</td><td>3.40 dB</td></tr> <tr><td>.1 %</td><td>3.84 dB</td></tr> <tr><td>.01 %</td><td>4.00 dB</td></tr> </table> <p>Date: 29.DEC.2017 10:13:28</p>      | 10 % | 2.36 dB | 1 % | 3.40 dB | .1 % | 3.84 dB | .01 % | 4.00 dB |
| 10 %   | 2.48 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 1 %  | 3.56 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .1 %   | 3.96 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .01 %  | 4.12 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 10 %   | 2.36 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 1 %  | 3.40 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .1 %   | 3.84 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .01 %  | 4.00 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| <p align="center"><b>Highest Channel</b></p>  <p>Center: 848.35 MHz    2 dB/    Mean Pwr = 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean 23.16 dBm<br/>Peak 27.22 dBm<br/>Crest 4.06 dB</p> <table border="1"> <tr><td>10 %</td><td>2.56 dB</td></tr> <tr><td>1 %</td><td>3.48 dB</td></tr> <tr><td>.1 %</td><td>3.76 dB</td></tr> <tr><td>.01 %</td><td>3.92 dB</td></tr> </table> <p>Date: 28.DEC.2017 15:37:38</p> | 10 %                      | 2.56 dB | 1 % | 3.48 dB | .1 % | 3.76 dB | .01 % | 3.92 dB | <p align="center"><b>Highest Channel</b></p>  <p>Center: 1.92875 GHz    2 dB/    Mean Pwr = 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples)<br/>Trace 1<br/>Mean 22.92 dBm<br/>Peak 26.79 dBm<br/>Crest 3.87 dB</p> <table border="1"> <tr><td>10 %</td><td>2.36 dB</td></tr> <tr><td>1 %</td><td>3.32 dB</td></tr> <tr><td>.1 %</td><td>3.64 dB</td></tr> <tr><td>.01 %</td><td>3.80 dB</td></tr> </table> <p>Date: 29.DEC.2017 10:13:44</p> | 10 % | 2.36 dB | 1 % | 3.32 dB | .1 % | 3.64 dB | .01 % | 3.80 dB |
| 10 %   | 2.56 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 1 %  | 3.48 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .1 %   | 3.76 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .01 %  | 3.92 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 10 %   | 2.36 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| 1 %  | 3.32 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .1 %   | 3.64 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |
| .01 %  | 3.80 dB                   |         |     |         |      |         |       |         |  |      |         |     |         |      |         |       |         |





**26dB Bandwidth**

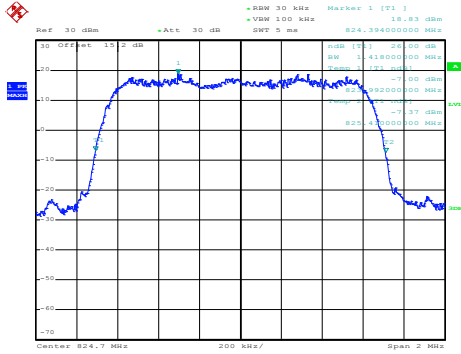
| Mode       | CDMA BC0 | CDMA BC1 |
|------------|----------|----------|
| Mod.       | 1xRTT    | 1xRTT    |
| Lowest CH  | 1.42     | 1.43     |
| Middle CH  | 1.42     | 1.43     |
| Highest CH | 1.42     | 1.43     |

| Mode       | CDMA BC0       | CDMA BC1       |
|------------|----------------|----------------|
| Mod.       | 1xEV-DO Rev. 0 | 1xEV-DO Rev. 0 |
| Lowest CH  | 1.43           | 1.44           |
| Middle CH  | 1.43           | 1.43           |
| Highest CH | 1.43           | 1.43           |



CDMA BC0 (1xRTT)

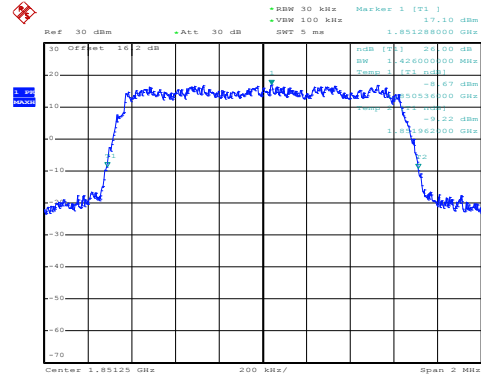
Lowest Channel



Date: 28.DEC.2017 11:15:39

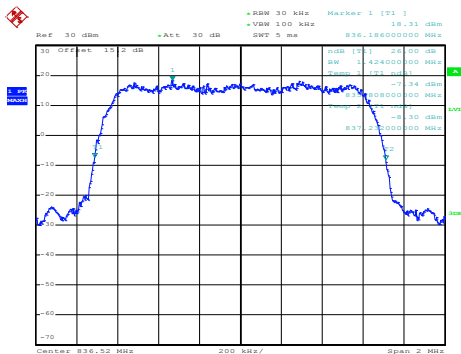
CDMA BC1 (1xRTT)

Lowest Channel



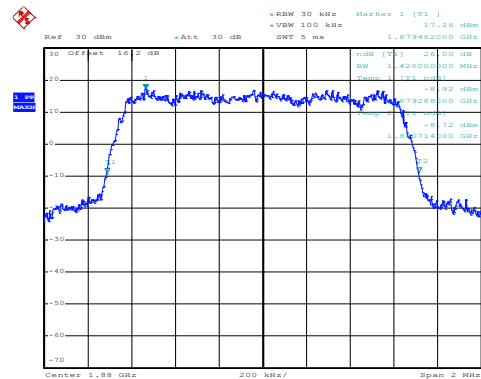
Date: 28.DEC.2017 17:02:50

Middle Channel



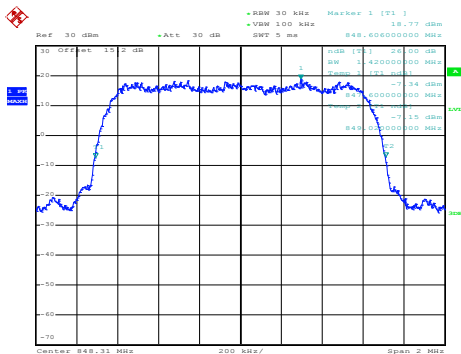
Date: 28.DEC.2017 11:16:14

Middle Channel



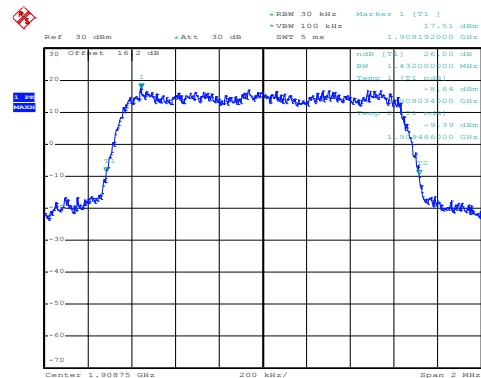
Date: 28.DEC.2017 17:03:23

Highest Channel



Date: 28.DEC.2017 11:16:48

Highest Channel



Date: 28.DEC.2017 17:04:00



| CDMA BC0 (1xEV-DO Rev. 0)  | CDMA BC1 (1xEV-DO Rev. 0)  |
|--|--|
| <p align="center"><b>Lowest Channel</b></p> <p>Date: 28.DEC.2017 15:24:51</p>  | <p align="center"><b>Lowest Channel</b></p> <p>Date: 29.DEC.2017 10:00:05</p>  |
| <p align="center"><b>Middle Channel</b></p> <p>Date: 28.DEC.2017 15:25:23</p>  | <p align="center"><b>Middle Channel</b></p> <p>Date: 29.DEC.2017 10:00:37</p>  |
| <p align="center"><b>Highest Channel</b></p> <p>Date: 28.DEC.2017 15:25:58</p> | <p align="center"><b>Highest Channel</b></p> <p>Date: 29.DEC.2017 10:02:24</p> |



## Occupied Bandwidth

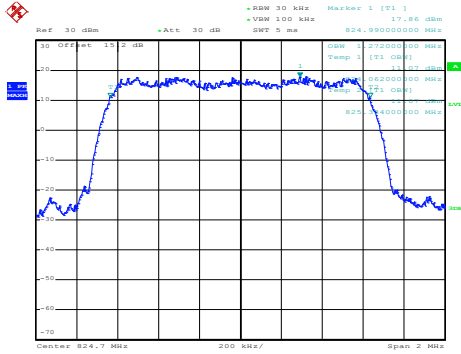
| Mode       | CDMA BC0 | CDMA BC1 |
|------------|----------|----------|
| Mod.       | 1xRTT    | 1xRTT    |
| Lowest CH  | 1.27     | 1.28     |
| Middle CH  | 1.27     | 1.28     |
| Highest CH | 1.27     | 1.28     |

| Mode       | CDMA BC0       | CDMA BC1       |
|------------|----------------|----------------|
| Mod.       | 1xEV-DO Rev. 0 | 1xEV-DO Rev. 0 |
| Lowest CH  | 1.27           | 1.28           |
| Middle CH  | 1.27           | 1.28           |
| Highest CH | 1.28           | 1.28           |



CDMA BC0 (1xRTT)

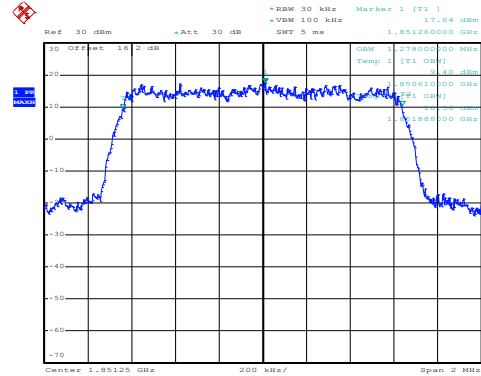
Lowest Channel



Date: 28.DEC.2017 11:18:04

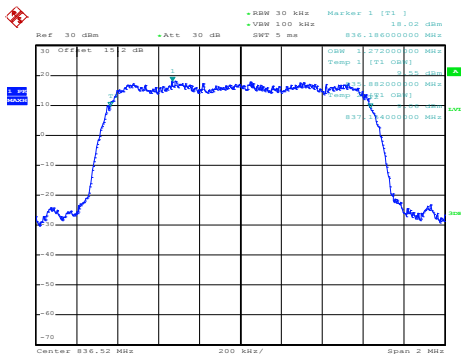
CDMA BC1 (1xRTT)

Lowest Channel



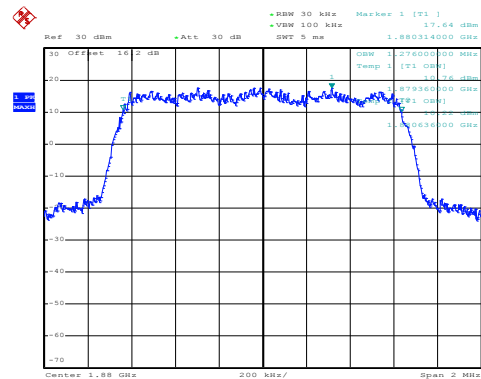
Date: 28.DEC.2017 17:05:08

Middle Channel



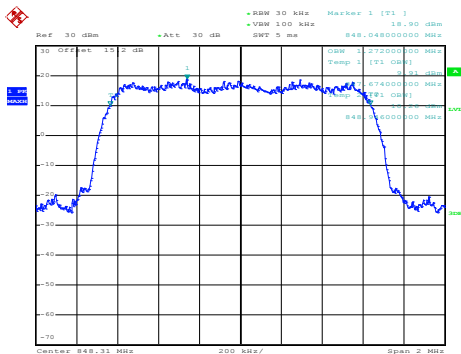
Date: 28.DEC.2017 11:18:38

Middle Channel



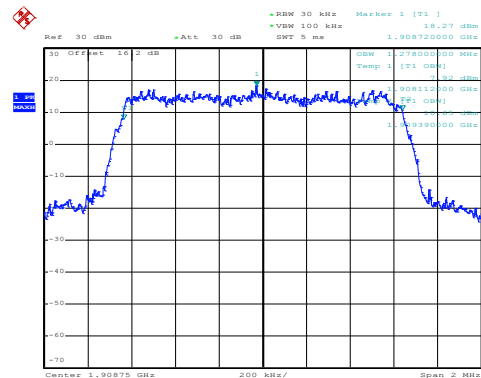
Date: 28.DEC.2017 17:05:40

Highest Channel

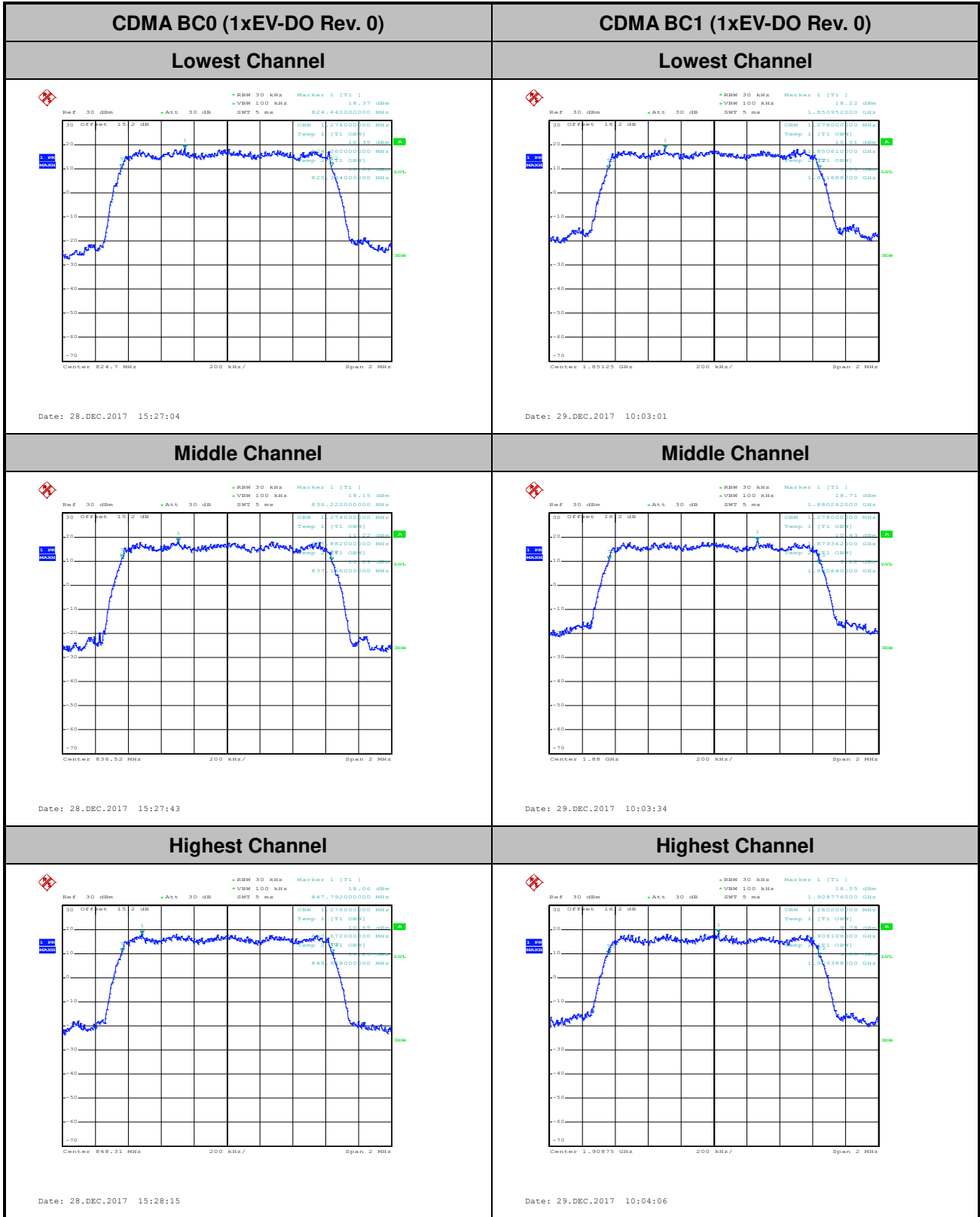


Date: 28.DEC.2017 11:19:12

Highest Channel

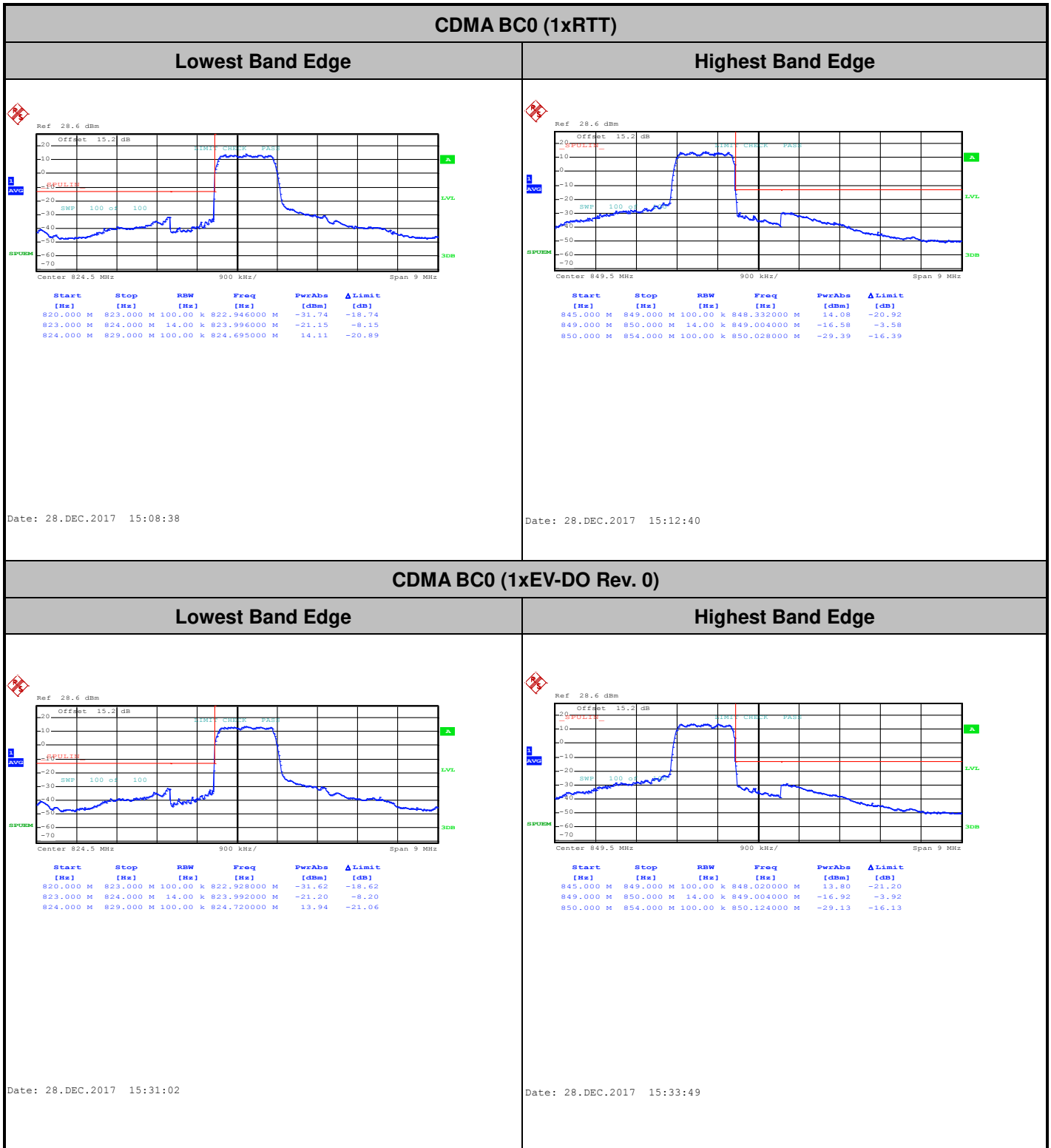


Date: 28.DEC.2017 17:06:13





## Conducted Band Edge

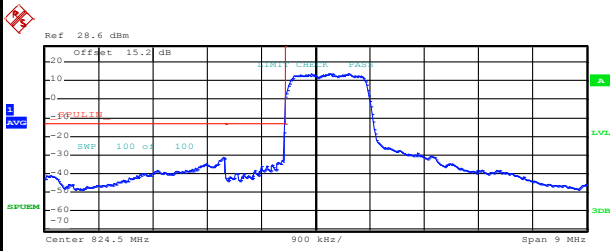




CDMA BC0 (1xEV-DO Rev. A)

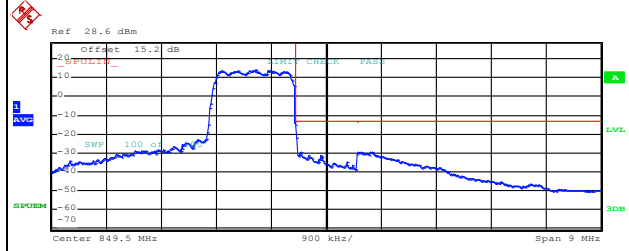
Lowest Band Edge

Highest Band Edge



| Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB] |
|------------|-----------|----------|--------------|--------------|-------------|
| 820.000 M  | 823.000 M | 100.00 k | 822.976000 M | -31.53       | -18.53      |
| 823.000 M  | 824.000 M | 14.00 k  | 823.996000 M | -20.76       | -7.76       |
| 824.000 M  | 829.000 M | 100.00 k | 824.720000 M | 13.79        | -21.21      |

Date: 28.DEC.2017 15:40:47



| Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB] |
|------------|-----------|----------|--------------|--------------|-------------|
| 845.000 M  | 849.000 M | 100.00 k | 848.340000 M | 14.12        | -20.88      |
| 849.000 M  | 850.000 M | 14.00 k  | 849.004000 M | -15.48       | -2.48       |
| 850.000 M  | 854.000 M | 100.00 k | 850.068000 M | -29.55       | -16.55      |

Date: 28.DEC.2017 15:43:36

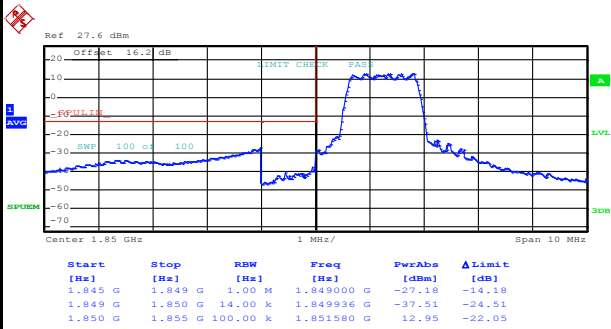




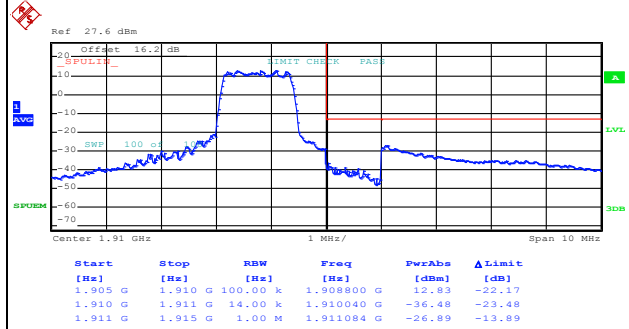
CDMA BC1 (1xRTT)

Lowest Band Edge

Highest Band Edge



Date: 29.DEC.2017 09:32:53

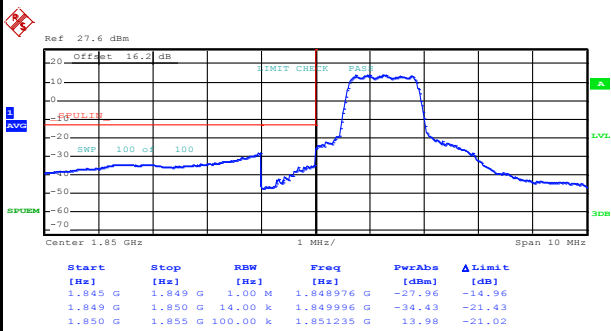


Date: 29.DEC.2017 09:29:57

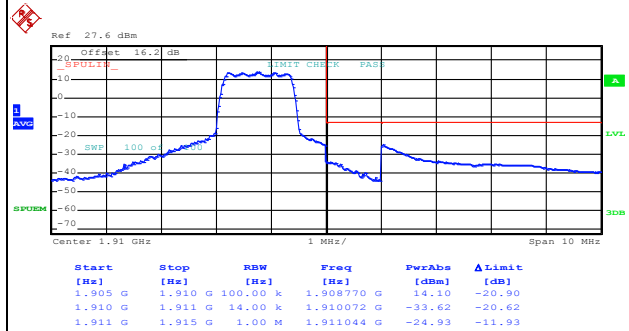
CDMA BC1 (1xEV-DO Rev. 0)

Lowest Band Edge

Highest Band Edge



Date: 29.DEC.2017 10:06:55



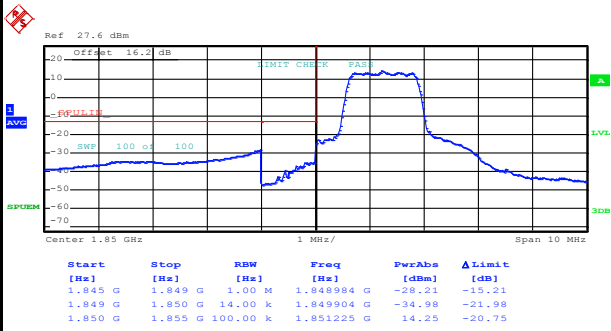
Date: 29.DEC.2017 10:09:42



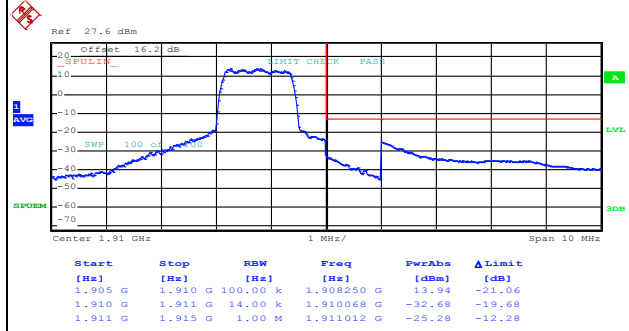
CDMA BC1 (1xEV-DO Rev. A)

Lowest Band Edge

Highest Band Edge



Date: 29.DEC.2017 10:16:58



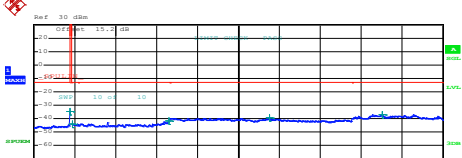
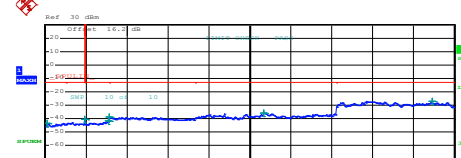
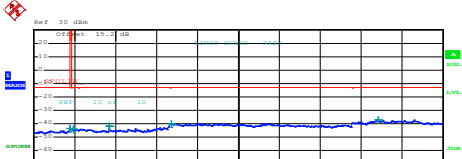
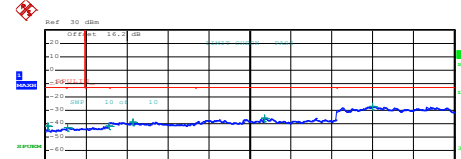
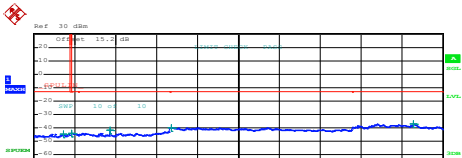
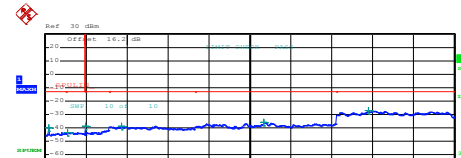
Date: 29.DEC.2017 10:20:15



# Conducted Spurious Emission

| CDMA BC0 (1xRTT)   | CDMA BC1 (1xRTT) |           |              |              |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
|--|------------------|-----------|--------------|--------------|--------------|-------------|----------|-----------|--------|--------------|--------|--------|-----------|---------|--------|--------------|--------|--------|---------|---------|--------|------------|--------|--------|---------|---------|--------|------------|--------|--------|---------|---------|--------|------------|--------|--------|--|------------|-----------|---------|-----------|--------------|-------------|----------|---------|--------|--------------|--------|--------|---------|---------|--------|------------|--------|--------|---------|---------|--------|------------|--------|--------|---------|---------|--------|------------|--------|--------|---------|----------|--------|-------------|--------|--------|----------|----------|--------|-------------|--------|--------|
| Lowest Channel   | Lowest Channel   |           |              |              |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| <table border="1"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>30.000 M</td> <td>820.000 M</td> <td>1.00 M</td> <td>817.802500 M</td> <td>-39.04</td> <td>-22.04</td> </tr> <tr> <td>855.000 M</td> <td>1.000 G</td> <td>1.00 M</td> <td>981.150000 M</td> <td>-44.28</td> <td>-31.28</td> </tr> <tr> <td>1.000 G</td> <td>3.000 G</td> <td>1.00 M</td> <td>1.650000 G</td> <td>-42.09</td> <td>-29.09</td> </tr> <tr> <td>3.000 G</td> <td>7.000 G</td> <td>1.00 M</td> <td>3.642000 G</td> <td>-39.45</td> <td>-26.45</td> </tr> <tr> <td>7.000 G</td> <td>9.000 G</td> <td>1.00 M</td> <td>8.393000 G</td> <td>-36.76</td> <td>-23.76</td> </tr> </tbody> </table> <p>Date: 28.DEC.2017 14:15:37</p> | Start [Hz]       | Stop [Hz] | RW [Hz]      | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB] | 30.000 M | 820.000 M | 1.00 M | 817.802500 M | -39.04 | -22.04 | 855.000 M | 1.000 G | 1.00 M | 981.150000 M | -44.28 | -31.28 | 1.000 G | 3.000 G | 1.00 M | 1.650000 G | -42.09 | -29.09 | 3.000 G | 7.000 G | 1.00 M | 3.642000 G | -39.45 | -26.45 | 7.000 G | 9.000 G | 1.00 M | 8.393000 G | -36.76 | -23.76 | <table border="1"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>30.000 M</td> <td>1.000 G</td> <td>1.00 M</td> <td>925.552500 M</td> <td>-43.62</td> <td>-30.62</td> </tr> <tr> <td>1.000 G</td> <td>3.000 G</td> <td>1.00 M</td> <td>1.379985 G</td> <td>-42.35</td> <td>-29.35</td> </tr> <tr> <td>1.915 G</td> <td>3.000 G</td> <td>1.00 M</td> <td>2.998844 G</td> <td>-40.78</td> <td>-27.78</td> </tr> <tr> <td>3.000 G</td> <td>7.000 G</td> <td>1.00 M</td> <td>5.122000 G</td> <td>-38.62</td> <td>-25.62</td> </tr> <tr> <td>7.000 G</td> <td>13.600 G</td> <td>1.00 M</td> <td>10.210075 G</td> <td>-35.61</td> <td>-22.61</td> </tr> <tr> <td>13.600 G</td> <td>19.100 G</td> <td>1.00 M</td> <td>15.448688 G</td> <td>-26.81</td> <td>-13.81</td> </tr> </tbody> </table> <p>Date: 28.DEC.2017 17:14:21</p> | Start [Hz] | Stop [Hz] | RW [Hz] | Freq [Hz] | PwrAbs [dBm] | ΔLimit [dB] | 30.000 M | 1.000 G | 1.00 M | 925.552500 M | -43.62 | -30.62 | 1.000 G | 3.000 G | 1.00 M | 1.379985 G | -42.35 | -29.35 | 1.915 G | 3.000 G | 1.00 M | 2.998844 G | -40.78 | -27.78 | 3.000 G | 7.000 G | 1.00 M | 5.122000 G | -38.62 | -25.62 | 7.000 G | 13.600 G | 1.00 M | 10.210075 G | -35.61 | -22.61 | 13.600 G | 19.100 G | 1.00 M | 15.448688 G | -26.81 | -13.81 |
| Start [Hz]   | Stop [Hz]        | RW [Hz]   | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB]  |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 30.000 M   | 820.000 M        | 1.00 M    | 817.802500 M | -39.04       | -22.04       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 855.000 M  | 1.000 G          | 1.00 M    | 981.150000 M | -44.28       | -31.28       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 1.000 G  | 3.000 G          | 1.00 M    | 1.650000 G   | -42.09       | -29.09       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 3.000 G  | 7.000 G          | 1.00 M    | 3.642000 G   | -39.45       | -26.45       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 7.000 G  | 9.000 G          | 1.00 M    | 8.393000 G   | -36.76       | -23.76       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| Start [Hz]   | Stop [Hz]        | RW [Hz]   | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB]  |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 30.000 M   | 1.000 G          | 1.00 M    | 925.552500 M | -43.62       | -30.62       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 1.000 G  | 3.000 G          | 1.00 M    | 1.379985 G   | -42.35       | -29.35       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 1.915 G  | 3.000 G          | 1.00 M    | 2.998844 G   | -40.78       | -27.78       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 3.000 G  | 7.000 G          | 1.00 M    | 5.122000 G   | -38.62       | -25.62       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 7.000 G  | 13.600 G         | 1.00 M    | 10.210075 G  | -35.61       | -22.61       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 13.600 G   | 19.100 G         | 1.00 M    | 15.448688 G  | -26.81       | -13.81       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| Middle Channel   | Middle Channel   |           |              |              |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| <table border="1"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>30.000 M</td> <td>820.000 M</td> <td>1.00 M</td> <td>817.630000 M</td> <td>-41.64</td> <td>-29.64</td> </tr> <tr> <td>855.000 M</td> <td>1.000 G</td> <td>1.00 M</td> <td>862.612001 M</td> <td>-43.09</td> <td>-30.09</td> </tr> <tr> <td>1.000 G</td> <td>3.000 G</td> <td>1.00 M</td> <td>2.995500 G</td> <td>-42.42</td> <td>-29.42</td> </tr> <tr> <td>3.000 G</td> <td>7.000 G</td> <td>1.00 M</td> <td>3.679000 G</td> <td>-39.58</td> <td>-26.58</td> </tr> <tr> <td>7.000 G</td> <td>9.000 G</td> <td>1.00 M</td> <td>7.345000 G</td> <td>-36.75</td> <td>-23.75</td> </tr> </tbody> </table> <p>Date: 28.DEC.2017 14:16:29</p> | Start [Hz]       | Stop [Hz] | RW [Hz]      | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB] | 30.000 M | 820.000 M | 1.00 M | 817.630000 M | -41.64 | -29.64 | 855.000 M | 1.000 G | 1.00 M | 862.612001 M | -43.09 | -30.09 | 1.000 G | 3.000 G | 1.00 M | 2.995500 G | -42.42 | -29.42 | 3.000 G | 7.000 G | 1.00 M | 3.679000 G | -39.58 | -26.58 | 7.000 G | 9.000 G | 1.00 M | 7.345000 G | -36.75 | -23.75 | <table border="1"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>30.000 M</td> <td>1.000 G</td> <td>1.00 M</td> <td>142.035000 M</td> <td>-41.04</td> <td>-28.04</td> </tr> <tr> <td>1.000 G</td> <td>3.000 G</td> <td>1.00 M</td> <td>3.007623 G</td> <td>-42.32</td> <td>-29.32</td> </tr> <tr> <td>1.915 G</td> <td>3.000 G</td> <td>1.00 M</td> <td>2.994846 G</td> <td>-41.39</td> <td>-28.39</td> </tr> <tr> <td>3.000 G</td> <td>7.000 G</td> <td>1.00 M</td> <td>4.084000 G</td> <td>-38.62</td> <td>-25.62</td> </tr> <tr> <td>7.000 G</td> <td>13.600 G</td> <td>1.00 M</td> <td>10.213315 G</td> <td>-35.62</td> <td>-22.62</td> </tr> <tr> <td>13.600 G</td> <td>19.100 G</td> <td>1.00 M</td> <td>15.104938 G</td> <td>-27.13</td> <td>-14.13</td> </tr> </tbody> </table> <p>Date: 28.DEC.2017 17:15:12</p> | Start [Hz] | Stop [Hz] | RW [Hz] | Freq [Hz] | PwrAbs [dBm] | ΔLimit [dB] | 30.000 M | 1.000 G | 1.00 M | 142.035000 M | -41.04 | -28.04 | 1.000 G | 3.000 G | 1.00 M | 3.007623 G | -42.32 | -29.32 | 1.915 G | 3.000 G | 1.00 M | 2.994846 G | -41.39 | -28.39 | 3.000 G | 7.000 G | 1.00 M | 4.084000 G | -38.62 | -25.62 | 7.000 G | 13.600 G | 1.00 M | 10.213315 G | -35.62 | -22.62 | 13.600 G | 19.100 G | 1.00 M | 15.104938 G | -27.13 | -14.13 |
| Start [Hz]   | Stop [Hz]        | RW [Hz]   | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB]  |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 30.000 M   | 820.000 M        | 1.00 M    | 817.630000 M | -41.64       | -29.64       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 855.000 M  | 1.000 G          | 1.00 M    | 862.612001 M | -43.09       | -30.09       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 1.000 G  | 3.000 G          | 1.00 M    | 2.995500 G   | -42.42       | -29.42       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 3.000 G  | 7.000 G          | 1.00 M    | 3.679000 G   | -39.58       | -26.58       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 7.000 G  | 9.000 G          | 1.00 M    | 7.345000 G   | -36.75       | -23.75       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| Start [Hz]   | Stop [Hz]        | RW [Hz]   | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB]  |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 30.000 M   | 1.000 G          | 1.00 M    | 142.035000 M | -41.04       | -28.04       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 1.000 G  | 3.000 G          | 1.00 M    | 3.007623 G   | -42.32       | -29.32       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 1.915 G  | 3.000 G          | 1.00 M    | 2.994846 G   | -41.39       | -28.39       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 3.000 G  | 7.000 G          | 1.00 M    | 4.084000 G   | -38.62       | -25.62       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 7.000 G  | 13.600 G         | 1.00 M    | 10.213315 G  | -35.62       | -22.62       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 13.600 G   | 19.100 G         | 1.00 M    | 15.104938 G  | -27.13       | -14.13       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| Highest Channel  | Highest Channel  |           |              |              |              |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| <table border="1"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>30.000 M</td> <td>820.000 M</td> <td>1.00 M</td> <td>795.770000 M</td> <td>-45.00</td> <td>-32.00</td> </tr> <tr> <td>855.000 M</td> <td>1.000 G</td> <td>1.00 M</td> <td>862.612501 M</td> <td>-44.03</td> <td>-31.03</td> </tr> <tr> <td>1.000 G</td> <td>3.000 G</td> <td>1.00 M</td> <td>2.996000 G</td> <td>-40.96</td> <td>-27.96</td> </tr> <tr> <td>3.000 G</td> <td>7.000 G</td> <td>1.00 M</td> <td>5.210000 G</td> <td>-39.41</td> <td>-26.41</td> </tr> <tr> <td>7.000 G</td> <td>9.000 G</td> <td>1.00 M</td> <td>8.371500 G</td> <td>-37.12</td> <td>-24.12</td> </tr> </tbody> </table> <p>Date: 28.DEC.2017 14:17:47</p> | Start [Hz]       | Stop [Hz] | RW [Hz]      | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB] | 30.000 M | 820.000 M | 1.00 M | 795.770000 M | -45.00 | -32.00 | 855.000 M | 1.000 G | 1.00 M | 862.612501 M | -44.03 | -31.03 | 1.000 G | 3.000 G | 1.00 M | 2.996000 G | -40.96 | -27.96 | 3.000 G | 7.000 G | 1.00 M | 5.210000 G | -39.41 | -26.41 | 7.000 G | 9.000 G | 1.00 M | 8.371500 G | -37.12 | -24.12 | <table border="1"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>30.000 M</td> <td>1.000 G</td> <td>1.00 M</td> <td>170.852500 M</td> <td>-45.76</td> <td>-32.76</td> </tr> <tr> <td>1.000 G</td> <td>3.000 G</td> <td>1.00 M</td> <td>3.056615 G</td> <td>-42.63</td> <td>-29.63</td> </tr> <tr> <td>1.915 G</td> <td>3.000 G</td> <td>1.00 M</td> <td>2.998935 G</td> <td>-41.69</td> <td>-28.69</td> </tr> <tr> <td>3.000 G</td> <td>7.000 G</td> <td>1.00 M</td> <td>4.088000 G</td> <td>-38.87</td> <td>-25.87</td> </tr> <tr> <td>7.000 G</td> <td>13.600 G</td> <td>1.00 M</td> <td>10.228225 G</td> <td>-35.26</td> <td>-22.26</td> </tr> <tr> <td>13.600 G</td> <td>19.100 G</td> <td>1.00 M</td> <td>15.298125 G</td> <td>-27.09</td> <td>-14.09</td> </tr> </tbody> </table> <p>Date: 28.DEC.2017 17:16:02</p> | Start [Hz] | Stop [Hz] | RW [Hz] | Freq [Hz] | PwrAbs [dBm] | ΔLimit [dB] | 30.000 M | 1.000 G | 1.00 M | 170.852500 M | -45.76 | -32.76 | 1.000 G | 3.000 G | 1.00 M | 3.056615 G | -42.63 | -29.63 | 1.915 G | 3.000 G | 1.00 M | 2.998935 G | -41.69 | -28.69 | 3.000 G | 7.000 G | 1.00 M | 4.088000 G | -38.87 | -25.87 | 7.000 G | 13.600 G | 1.00 M | 10.228225 G | -35.26 | -22.26 | 13.600 G | 19.100 G | 1.00 M | 15.298125 G | -27.09 | -14.09 |
| Start [Hz]   | Stop [Hz]        | RW [Hz]   | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB]  |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 30.000 M   | 820.000 M        | 1.00 M    | 795.770000 M | -45.00       | -32.00       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 855.000 M  | 1.000 G          | 1.00 M    | 862.612501 M | -44.03       | -31.03       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 1.000 G  | 3.000 G          | 1.00 M    | 2.996000 G   | -40.96       | -27.96       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 3.000 G  | 7.000 G          | 1.00 M    | 5.210000 G   | -39.41       | -26.41       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 7.000 G  | 9.000 G          | 1.00 M    | 8.371500 G   | -37.12       | -24.12       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| Start [Hz]   | Stop [Hz]        | RW [Hz]   | Freq [Hz]    | PwrAbs [dBm] | ΔLimit [dB]  |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 30.000 M   | 1.000 G          | 1.00 M    | 170.852500 M | -45.76       | -32.76       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 1.000 G  | 3.000 G          | 1.00 M    | 3.056615 G   | -42.63       | -29.63       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 1.915 G  | 3.000 G          | 1.00 M    | 2.998935 G   | -41.69       | -28.69       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 3.000 G  | 7.000 G          | 1.00 M    | 4.088000 G   | -38.87       | -25.87       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 7.000 G  | 13.600 G         | 1.00 M    | 10.228225 G  | -35.26       | -22.26       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |
| 13.600 G   | 19.100 G         | 1.00 M    | 15.298125 G  | -27.09       | -14.09       |             |          |           |        |              |        |        |           |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |  |            |           |         |           |              |             |          |         |        |              |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |         |        |            |        |        |         |          |        |             |        |        |          |          |        |             |        |        |



| CDMA BC0 (1xEV-DO Rev. 0)   | CDMA BC1 (1xEV-DO Rev. 0) |           |              |              |              |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
|---|---------------------------|-----------|--------------|--------------|--------------|-------------|----------|-----------|---------|--------------|--------|--------|-----------|---------|---------|--------------|--------|--------|---------|---------|---------|------------|--------|--------|---------|---------|---------|------------|--------|--------|---------|---------|---------|------------|--------|--------|--|------------|-----------|----------|-----------|--------------|-------------|----------|---------|---------|--------------|--------|--------|---------|---------|---------|------------|--------|--------|---------|---------|---------|------------|--------|--------|---------|---------|---------|------------|--------|--------|---------|----------|---------|-------------|--------|--------|----------|----------|---------|-------------|--------|--------|
| Lowest Channel  | Lowest Channel            |           |              |              |              |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
|  <p>Ref: 30 dBm</p> <p>Start: 30 MHz, Stop: 9 GHz, RBW: 100 kHz</p> <table border="1"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAve [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>30,000 M</td> <td>820,000 M</td> <td>1,000 M</td> <td>819,802500 M</td> <td>-34.68</td> <td>-21.68</td> </tr> <tr> <td>855,000 M</td> <td>1,000 G</td> <td>1,000 G</td> <td>880,556252 M</td> <td>-43.77</td> <td>-30.77</td> </tr> <tr> <td>1,000 G</td> <td>3,000 G</td> <td>1,000 M</td> <td>2,990000 G</td> <td>-42.60</td> <td>-28.60</td> </tr> <tr> <td>3,000 G</td> <td>7,000 G</td> <td>1,000 M</td> <td>5,190000 G</td> <td>-39.57</td> <td>-26.57</td> </tr> <tr> <td>7,000 G</td> <td>9,000 G</td> <td>1,000 M</td> <td>7,680000 G</td> <td>-36.89</td> <td>-23.89</td> </tr> </tbody> </table> <p>Date: 28.DEC.2017 15:35:13</p>   | Start [Hz]                | Stop [Hz] | RBW [Hz]     | Freq [Hz]    | PwrAve [dBm] | ΔLimit [dB] | 30,000 M | 820,000 M | 1,000 M | 819,802500 M | -34.68 | -21.68 | 855,000 M | 1,000 G | 1,000 G | 880,556252 M | -43.77 | -30.77 | 1,000 G | 3,000 G | 1,000 M | 2,990000 G | -42.60 | -28.60 | 3,000 G | 7,000 G | 1,000 M | 5,190000 G | -39.57 | -26.57 | 7,000 G | 9,000 G | 1,000 M | 7,680000 G | -36.89 | -23.89 |  <p>Ref: 30 dBm</p> <p>Start: 30 MHz, Stop: 19.1 GHz, RBW: 1.907 GHz</p> <table border="1"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAve [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>30,000 M</td> <td>3,000 G</td> <td>1,000 M</td> <td>122,652500 M</td> <td>-43.54</td> <td>-30.44</td> </tr> <tr> <td>1,000 G</td> <td>3,845 G</td> <td>1,000 M</td> <td>1,844789 G</td> <td>-40.47</td> <td>-27.47</td> </tr> <tr> <td>3,000 G</td> <td>3,000 G</td> <td>1,000 M</td> <td>2,993345 G</td> <td>-41.63</td> <td>-28.63</td> </tr> <tr> <td>3,000 G</td> <td>7,000 G</td> <td>1,000 M</td> <td>3,022000 G</td> <td>-38.62</td> <td>-25.62</td> </tr> <tr> <td>7,000 G</td> <td>13,600 G</td> <td>1,000 M</td> <td>10,216675 G</td> <td>-35.51</td> <td>-22.51</td> </tr> <tr> <td>13,600 G</td> <td>19,100 G</td> <td>1,000 M</td> <td>16,000000 G</td> <td>-26.97</td> <td>-13.97</td> </tr> </tbody> </table> <p>Date: 29.DEC.2017 10:10:37</p>   | Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAve [dBm] | ΔLimit [dB] | 30,000 M | 3,000 G | 1,000 M | 122,652500 M | -43.54 | -30.44 | 1,000 G | 3,845 G | 1,000 M | 1,844789 G | -40.47 | -27.47 | 3,000 G | 3,000 G | 1,000 M | 2,993345 G | -41.63 | -28.63 | 3,000 G | 7,000 G | 1,000 M | 3,022000 G | -38.62 | -25.62 | 7,000 G | 13,600 G | 1,000 M | 10,216675 G | -35.51 | -22.51 | 13,600 G | 19,100 G | 1,000 M | 16,000000 G | -26.97 | -13.97 |
| Start [Hz]  | Stop [Hz]                 | RBW [Hz]  | Freq [Hz]    | PwrAve [dBm] | ΔLimit [dB]  |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 30,000 M  | 820,000 M                 | 1,000 M   | 819,802500 M | -34.68       | -21.68       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 855,000 M   | 1,000 G                   | 1,000 G   | 880,556252 M | -43.77       | -30.77       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 1,000 G   | 3,000 G                   | 1,000 M   | 2,990000 G   | -42.60       | -28.60       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 3,000 G   | 7,000 G                   | 1,000 M   | 5,190000 G   | -39.57       | -26.57       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 7,000 G   | 9,000 G                   | 1,000 M   | 7,680000 G   | -36.89       | -23.89       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| Start [Hz]  | Stop [Hz]                 | RBW [Hz]  | Freq [Hz]    | PwrAve [dBm] | ΔLimit [dB]  |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 30,000 M  | 3,000 G                   | 1,000 M   | 122,652500 M | -43.54       | -30.44       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 1,000 G   | 3,845 G                   | 1,000 M   | 1,844789 G   | -40.47       | -27.47       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 3,000 G   | 3,000 G                   | 1,000 M   | 2,993345 G   | -41.63       | -28.63       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 3,000 G   | 7,000 G                   | 1,000 M   | 3,022000 G   | -38.62       | -25.62       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 7,000 G   | 13,600 G                  | 1,000 M   | 10,216675 G  | -35.51       | -22.51       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 13,600 G  | 19,100 G                  | 1,000 M   | 16,000000 G  | -26.97       | -13.97       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| Middle Channel  | Middle Channel            |           |              |              |              |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
|  <p>Ref: 30 dBm</p> <p>Start: 30 MHz, Stop: 9 GHz, RBW: 897 kHz</p> <table border="1"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAve [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>30,000 M</td> <td>820,000 M</td> <td>1,000 M</td> <td>817,630000 M</td> <td>-43.29</td> <td>-30.29</td> </tr> <tr> <td>855,000 M</td> <td>3,000 G</td> <td>1,000 M</td> <td>881,730000 M</td> <td>-44.06</td> <td>-31.06</td> </tr> <tr> <td>1,000 G</td> <td>3,000 G</td> <td>1,000 M</td> <td>1,472000 G</td> <td>-41.56</td> <td>-28.56</td> </tr> <tr> <td>3,000 G</td> <td>7,000 G</td> <td>1,000 M</td> <td>3,043000 G</td> <td>-39.72</td> <td>-26.72</td> </tr> <tr> <td>7,000 G</td> <td>9,000 G</td> <td>1,000 M</td> <td>7,383000 G</td> <td>-36.75</td> <td>-23.75</td> </tr> </tbody> </table> <p>Date: 28.DEC.2017 15:36:04</p>  | Start [Hz]                | Stop [Hz] | RBW [Hz]     | Freq [Hz]    | PwrAve [dBm] | ΔLimit [dB] | 30,000 M | 820,000 M | 1,000 M | 817,630000 M | -43.29 | -30.29 | 855,000 M | 3,000 G | 1,000 M | 881,730000 M | -44.06 | -31.06 | 1,000 G | 3,000 G | 1,000 M | 1,472000 G | -41.56 | -28.56 | 3,000 G | 7,000 G | 1,000 M | 3,043000 G | -39.72 | -26.72 | 7,000 G | 9,000 G | 1,000 M | 7,383000 G | -36.75 | -23.75 |  <p>Ref: 30 dBm</p> <p>Start: 30 MHz, Stop: 19.1 GHz, RBW: 1.907 GHz</p> <table border="1"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAve [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>30,000 M</td> <td>3,000 G</td> <td>1,000 M</td> <td>142,035000 M</td> <td>-41.80</td> <td>-28.80</td> </tr> <tr> <td>3,000 G</td> <td>3,845 G</td> <td>1,000 M</td> <td>1,007377 G</td> <td>-42.83</td> <td>-29.83</td> </tr> <tr> <td>1,915 G</td> <td>3,000 G</td> <td>1,000 M</td> <td>2,996474 G</td> <td>-41.68</td> <td>-28.68</td> </tr> <tr> <td>3,000 G</td> <td>3,000 G</td> <td>1,000 M</td> <td>4,113000 G</td> <td>-38.84</td> <td>-25.84</td> </tr> <tr> <td>3,000 G</td> <td>13,600 G</td> <td>1,000 M</td> <td>10,234825 G</td> <td>-35.71</td> <td>-22.71</td> </tr> <tr> <td>13,600 G</td> <td>19,100 G</td> <td>1,000 M</td> <td>15,274062 G</td> <td>-27.08</td> <td>-14.08</td> </tr> </tbody> </table> <p>Date: 29.DEC.2017 10:11:27</p>  | Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAve [dBm] | ΔLimit [dB] | 30,000 M | 3,000 G | 1,000 M | 142,035000 M | -41.80 | -28.80 | 3,000 G | 3,845 G | 1,000 M | 1,007377 G | -42.83 | -29.83 | 1,915 G | 3,000 G | 1,000 M | 2,996474 G | -41.68 | -28.68 | 3,000 G | 3,000 G | 1,000 M | 4,113000 G | -38.84 | -25.84 | 3,000 G | 13,600 G | 1,000 M | 10,234825 G | -35.71 | -22.71 | 13,600 G | 19,100 G | 1,000 M | 15,274062 G | -27.08 | -14.08 |
| Start [Hz]  | Stop [Hz]                 | RBW [Hz]  | Freq [Hz]    | PwrAve [dBm] | ΔLimit [dB]  |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 30,000 M  | 820,000 M                 | 1,000 M   | 817,630000 M | -43.29       | -30.29       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 855,000 M   | 3,000 G                   | 1,000 M   | 881,730000 M | -44.06       | -31.06       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 1,000 G   | 3,000 G                   | 1,000 M   | 1,472000 G   | -41.56       | -28.56       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 3,000 G   | 7,000 G                   | 1,000 M   | 3,043000 G   | -39.72       | -26.72       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 7,000 G   | 9,000 G                   | 1,000 M   | 7,383000 G   | -36.75       | -23.75       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| Start [Hz]  | Stop [Hz]                 | RBW [Hz]  | Freq [Hz]    | PwrAve [dBm] | ΔLimit [dB]  |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 30,000 M  | 3,000 G                   | 1,000 M   | 142,035000 M | -41.80       | -28.80       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 3,000 G   | 3,845 G                   | 1,000 M   | 1,007377 G   | -42.83       | -29.83       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 1,915 G   | 3,000 G                   | 1,000 M   | 2,996474 G   | -41.68       | -28.68       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 3,000 G   | 3,000 G                   | 1,000 M   | 4,113000 G   | -38.84       | -25.84       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 3,000 G   | 13,600 G                  | 1,000 M   | 10,234825 G  | -35.71       | -22.71       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 13,600 G  | 19,100 G                  | 1,000 M   | 15,274062 G  | -27.08       | -14.08       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| Highest Channel   | Highest Channel           |           |              |              |              |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
|  <p>Ref: 30 dBm</p> <p>Start: 30 MHz, Stop: 9 GHz, RBW: 897 kHz</p> <table border="1"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAve [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>30,000 M</td> <td>820,000 M</td> <td>1,000 M</td> <td>671,270000 M</td> <td>-44.47</td> <td>-31.47</td> </tr> <tr> <td>855,000 M</td> <td>1,000 G</td> <td>1,000 M</td> <td>859,640000 M</td> <td>-43.86</td> <td>-30.86</td> </tr> <tr> <td>1,000 G</td> <td>3,000 G</td> <td>1,000 M</td> <td>1,690000 G</td> <td>-42.58</td> <td>-29.58</td> </tr> <tr> <td>3,000 G</td> <td>7,000 G</td> <td>1,000 M</td> <td>3,044000 G</td> <td>-39.68</td> <td>-26.68</td> </tr> <tr> <td>7,000 G</td> <td>9,000 G</td> <td>1,000 M</td> <td>8,360000 G</td> <td>-36.85</td> <td>-23.85</td> </tr> </tbody> </table> <p>Date: 28.DEC.2017 15:36:53</p> | Start [Hz]                | Stop [Hz] | RBW [Hz]     | Freq [Hz]    | PwrAve [dBm] | ΔLimit [dB] | 30,000 M | 820,000 M | 1,000 M | 671,270000 M | -44.47 | -31.47 | 855,000 M | 1,000 G | 1,000 M | 859,640000 M | -43.86 | -30.86 | 1,000 G | 3,000 G | 1,000 M | 1,690000 G | -42.58 | -29.58 | 3,000 G | 7,000 G | 1,000 M | 3,044000 G | -39.68 | -26.68 | 7,000 G | 9,000 G | 1,000 M | 8,360000 G | -36.85 | -23.85 |  <p>Ref: 30 dBm</p> <p>Start: 30 MHz, Stop: 19.1 GHz, RBW: 1.907 GHz</p> <table border="1"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAve [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>30,000 M</td> <td>3,000 G</td> <td>1,000 M</td> <td>170,650000 M</td> <td>-39.91</td> <td>-26.91</td> </tr> <tr> <td>1,000 G</td> <td>3,845 G</td> <td>1,000 M</td> <td>1,077740 G</td> <td>-43.15</td> <td>-30.15</td> </tr> <tr> <td>1,915 G</td> <td>3,000 G</td> <td>1,000 M</td> <td>1,993271 G</td> <td>-39.83</td> <td>-26.83</td> </tr> <tr> <td>3,000 G</td> <td>7,000 G</td> <td>1,000 M</td> <td>3,585000 G</td> <td>-38.85</td> <td>-25.85</td> </tr> <tr> <td>7,000 G</td> <td>13,600 G</td> <td>1,000 M</td> <td>10,210075 G</td> <td>-36.02</td> <td>-23.02</td> </tr> <tr> <td>13,600 G</td> <td>19,100 G</td> <td>1,000 M</td> <td>15,082230 G</td> <td>-27.30</td> <td>-14.30</td> </tr> </tbody> </table> <p>Date: 29.DEC.2017 10:12:43</p> | Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAve [dBm] | ΔLimit [dB] | 30,000 M | 3,000 G | 1,000 M | 170,650000 M | -39.91 | -26.91 | 1,000 G | 3,845 G | 1,000 M | 1,077740 G | -43.15 | -30.15 | 1,915 G | 3,000 G | 1,000 M | 1,993271 G | -39.83 | -26.83 | 3,000 G | 7,000 G | 1,000 M | 3,585000 G | -38.85 | -25.85 | 7,000 G | 13,600 G | 1,000 M | 10,210075 G | -36.02 | -23.02 | 13,600 G | 19,100 G | 1,000 M | 15,082230 G | -27.30 | -14.30 |
| Start [Hz]  | Stop [Hz]                 | RBW [Hz]  | Freq [Hz]    | PwrAve [dBm] | ΔLimit [dB]  |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 30,000 M  | 820,000 M                 | 1,000 M   | 671,270000 M | -44.47       | -31.47       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 855,000 M   | 1,000 G                   | 1,000 M   | 859,640000 M | -43.86       | -30.86       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 1,000 G   | 3,000 G                   | 1,000 M   | 1,690000 G   | -42.58       | -29.58       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 3,000 G   | 7,000 G                   | 1,000 M   | 3,044000 G   | -39.68       | -26.68       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 7,000 G   | 9,000 G                   | 1,000 M   | 8,360000 G   | -36.85       | -23.85       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| Start [Hz]  | Stop [Hz]                 | RBW [Hz]  | Freq [Hz]    | PwrAve [dBm] | ΔLimit [dB]  |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 30,000 M  | 3,000 G                   | 1,000 M   | 170,650000 M | -39.91       | -26.91       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 1,000 G   | 3,845 G                   | 1,000 M   | 1,077740 G   | -43.15       | -30.15       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 1,915 G   | 3,000 G                   | 1,000 M   | 1,993271 G   | -39.83       | -26.83       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 3,000 G   | 7,000 G                   | 1,000 M   | 3,585000 G   | -38.85       | -25.85       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 7,000 G   | 13,600 G                  | 1,000 M   | 10,210075 G  | -36.02       | -23.02       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |
| 13,600 G  | 19,100 G                  | 1,000 M   | 15,082230 G  | -27.30       | -14.30       |             |          |           |         |              |        |        |           |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |  |            |           |          |           |              |             |          |         |         |              |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |         |         |            |        |        |         |          |         |             |        |        |          |          |         |             |        |        |



Frequency Stability

| Test Conditions  | Middle Channel    | CDMA BC0 (1xRTT) | Limit 2.5ppm |
|------------------|-------------------|------------------|--------------|
| Temperature (°C) | Voltage (Volt)    | Deviation (ppm)  | Result       |
| 50               | Normal Voltage    | 0.0036           | PASS         |
| 40               | Normal Voltage    | 0.0024           |              |
| 30               | Normal Voltage    | 0.0060           |              |
| 20(Ref.)         | Normal Voltage    | 0.0000           |              |
| 10               | Normal Voltage    | 0.0036           |              |
| 0                | Normal Voltage    | 0.0012           |              |
| -10              | Normal Voltage    | 0.0024           |              |
| -20              | Normal Voltage    | 0.0335           |              |
| -30              | Normal Voltage    | 0.0012           |              |
| 20               | Maximum Voltage   | 0.0143           |              |
| 20               | Normal Voltage    | 0.0000           |              |
| 20               | Battery End Point | 0.0251           |              |

| Test Conditions  | Middle Channel    | CDMA BC1 (1xRTT) | Limit Note 2. |
|------------------|-------------------|------------------|---------------|
| Temperature (°C) | Voltage (Volt)    | Deviation (ppm)  | Result        |
| 50               | Normal Voltage    | 0.0027           | PASS          |
| 40               | Normal Voltage    | 0.0489           |               |
| 30               | Normal Voltage    | 0.0037           |               |
| 20(Ref.)         | Normal Voltage    | 0.0000           |               |
| 10               | Normal Voltage    | 0.0112           |               |
| 0                | Normal Voltage    | 0.0037           |               |
| -10              | Normal Voltage    | 0.0064           |               |
| -20              | Normal Voltage    | 0.0138           |               |
| -30              | Normal Voltage    | 0.0117           |               |
| 20               | Maximum Voltage   | 0.0181           |               |
| 20               | Normal Voltage    | 0.0000           |               |
| 20               | Battery End Point | 0.0170           |               |

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.4 V
2. The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



| Test Conditions  | Middle Channel    | CDMA BC0 (EVDO) | Limit 2.5ppm |
|------------------|-------------------|-----------------|--------------|
| Temperature (°C) | Voltage (Volt)    | Deviation (ppm) | Result       |
| 50               | Normal Voltage    | 0.0060          | PASS         |
| 40               | Normal Voltage    | 0.0048          |              |
| 30               | Normal Voltage    | 0.0084          |              |
| 20(Ref.)         | Normal Voltage    | 0.0000          |              |
| 10               | Normal Voltage    | 0.0024          |              |
| 0                | Normal Voltage    | 0.0012          |              |
| -10              | Normal Voltage    | 0.0024          |              |
| -20              | Normal Voltage    | 0.0418          |              |
| -30              | Normal Voltage    | 0.0012          |              |
| 20               | Maximum Voltage   | 0.0155          |              |
| 20               | Normal Voltage    | 0.0072          |              |
| 20               | Battery End Point | 0.0323          |              |

| Test Conditions  | Middle Channel    | CDMA BC1 (EVDO) | Limit 2.5ppm |
|------------------|-------------------|-----------------|--------------|
| Temperature (°C) | Voltage (Volt)    | Deviation (ppm) | Result       |
| 50               | Normal Voltage    | 0.0011          | PASS         |
| 40               | Normal Voltage    | 0.0505          |              |
| 30               | Normal Voltage    | 0.0011          |              |
| 20(Ref.)         | Normal Voltage    | 0.0000          |              |
| 10               | Normal Voltage    | 0.0117          |              |
| 0                | Normal Voltage    | 0.0160          |              |
| -10              | Normal Voltage    | 0.0011          |              |
| -20              | Normal Voltage    | 0.0106          |              |
| -30              | Normal Voltage    | 0.0069          |              |
| 20               | Maximum Voltage   | 0.0176          |              |
| 20               | Normal Voltage    | 0.0074          |              |
| 20               | Battery End Point | 0.0165          |              |

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.4 V
2. The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of ERP/EIRP and Radiated Test

### ERP/EIRP

| Channel | Mode               | Conducted   |               | ERP      |        |
|---------|--------------------|-------------|---------------|----------|--------|
|         |                    | Power (dBm) | Power (Watts) | ERP(dBm) | ERP(W) |
| Lowest  | GSM850             | 33.14       | 2.0606        | 30.28    | 1.0666 |
| Middle  | GPRS class 8       | 33.45       | 2.2131        | 30.59    | 1.1455 |
| Highest | GT - LC = -0.71 dB | 33.48       | 2.2284        | 30.62    | 1.1535 |
| Lowest  | GSM850             | 25.65       | 0.3673        | 22.79    | 0.1901 |
| Middle  | EDGE class 8       | 25.80       | 0.3802        | 22.94    | 0.1968 |
| Highest | GT - LC = -0.71 dB | 25.79       | 0.3793        | 22.93    | 0.1963 |
| Lowest  | WCDMA Band V       | 22.37       | 0.1726        | 19.51    | 0.0893 |
| Middle  | RMC 12.2Kbps       | 22.40       | 0.1738        | 19.54    | 0.0899 |
| Highest | GT - LC = -0.71 dB | 22.55       | 0.1799        | 19.69    | 0.0931 |
| Lowest  | CDMA BC0           | 23.80       | 0.2399        | 20.94    | 0.1242 |
| Middle  | 1xRTT              | 23.92       | 0.2466        | 21.06    | 0.1276 |
| Highest | GT - LC = -0.71 dB | 24.00       | 0.2512        | 21.14    | 0.1300 |
| Lowest  | CDMA BC0           | 23.79       | 0.2393        | 20.93    | 0.1239 |
| Middle  | 1xEV-DO            | 23.91       | 0.2460        | 21.05    | 0.1274 |
| Highest | GT - LC = -0.71 dB | 23.99       | 0.2506        | 21.13    | 0.1297 |
| Limit   | ERP < 7W           | Result      |               | PASS     |        |

| Channel | Mode                | Conducted   |               | EIRP      |         |
|---------|---------------------|-------------|---------------|-----------|---------|
|         |                     | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest  | GSM1900             | 30.80       | 1.2023        | 32.62     | 1.8281  |
| Middle  | GPRS class 8        | 30.89       | 1.2274        | 32.71     | 1.8664  |
| Highest | (GT - LC = 1.82 dB) | 30.67       | 1.1668        | 32.49     | 1.7742  |
| Lowest  | GSM1900             | 25.01       | 0.3170        | 26.83     | 0.4819  |
| Middle  | EDGE class 8        | 25.28       | 0.3373        | 27.10     | 0.5129  |
| Highest | (GT - LC = 1.82 dB) | 24.96       | 0.3133        | 26.78     | 0.4764  |
| Lowest  | WCDMA Band II       | 22.92       | 0.1959        | 24.74     | 0.2979  |
| Middle  | RMC 12.2Kbps        | 23.22       | 0.2099        | 25.04     | 0.3192  |
| Highest | (GT - LC = 1.82 dB) | 23.17       | 0.2075        | 24.99     | 0.3155  |
| Lowest  | CDMA BC1            | 24.18       | 0.2618        | 26.00     | 0.3981  |
| Middle  | 1xRTT               | 24.32       | 0.2704        | 26.14     | 0.4111  |
| Highest | (GT - LC = 1.82 dB) | 24.14       | 0.2594        | 25.96     | 0.3945  |
| Lowest  | CDMA BC1            | 24.17       | 0.2612        | 25.99     | 0.3972  |
| Middle  | 1xEV-DO             | 24.31       | 0.2698        | 26.13     | 0.4102  |
| Highest | (GT - LC = 1.82 dB) | 24.13       | 0.2588        | 25.95     | 0.3936  |
| Limit   | EIRP < 2W           | Result      |               | PASS      |         |

| Channel | Mode                | Conducted   |               | EIRP      |         |
|---------|---------------------|-------------|---------------|-----------|---------|
|         |                     | Power (dBm) | Power (Watts) | EIRP(dBm) | EIRP(W) |
| Lowest  | WCDMA Band IV       | 22.85       | 0.1928        | 24.43     | 0.2773  |
| Middle  | RMC 12.2Kbps        | 23.01       | 0.2000        | 24.59     | 0.2877  |
| Highest | (GT - LC = 1.58 dB) | 23.10       | 0.2042        | 24.68     | 0.2938  |
| Limit   | EIRP < 1W           | Result      |               | PASS      |         |





**Radiated Spurious Emission**

**Part22H GPRS 850**

| Mode 1_GPRS 850 |                   |             |               |                   |                   |                    |                      |                       |                    |
|-----------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel         | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest          | 1648              | -46.05      | -13           | -33.05            | -55.51            | -51.44             | 1.23                 | 8.76                  | H                  |
|                 | 2472              | -59.49      | -13           | -46.49            | -72.07            | -66.38             | 1.44                 | 10.48                 | H                  |
|                 | 3296              | -60.91      | -13           | -47.91            | -75.7             | -68.85             | 1.70                 | 11.79                 | H                  |
|                 |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                 |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                 |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                 |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                 | 1648              | -46.86      | -13           | -33.86            | -55.34            | -52.25             | 1.23                 | 8.76                  | V                  |
|                 | 2472              | -58.76      | -13           | -45.76            | -71.01            | -65.65             | 1.44                 | 10.48                 | V                  |
|                 | 3296              | -61.00      | -13           | -48.00            | -75.59            | -68.94             | 1.70                 | 11.79                 | V                  |
|                 |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                 |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                 |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                 |                   |             |               |                   |                   |                    |                      |                       | V                  |
| Middle          | 1672              | -43.19      | -13           | -30.19            | -52.46            | -48.66             | 1.24                 | 8.85                  | H                  |
|                 | 2512              | -53.55      | -13           | -40.55            | -66.09            | -60.47             | 1.44                 | 10.51                 | H                  |
|                 | 3345              | -61.12      | -13           | -48.12            | -75.75            | -69.16             | 1.74                 | 11.94                 | H                  |
|                 |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                 |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                 |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                 |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                 | 1672              | -43.69      | -13           | -30.69            | -52.27            | -49.16             | 1.24                 | 8.85                  | V                  |
|                 | 2512              | -54.43      | -13           | -41.43            | -66.66            | -61.35             | 1.44                 | 10.51                 | V                  |
|                 | 3345              | -61.35      | -13           | -48.35            | -75.79            | -69.39             | 1.74                 | 11.94                 | V                  |
|                 |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                 |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                 |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                 |                   |             |               |                   |                   |                    |                      |                       | V                  |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1696 | -42.08 | -13 | -29.08 | -51.27 | -47.63 | 1.24 | 8.94  | H |
|         | 2544 | -54.51 | -13 | -41.51 | -67.1  | -61.45 | 1.44 | 10.54 | H |
|         | 3393 | -61.15 | -13 | -48.15 | -75.61 | -69.30 | 1.78 | 12.08 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 1696 | -44.28 | -13 | -31.28 | -52.93 | -49.83 | 1.24 | 8.94  | V |
|         | 2544 | -55.38 | -13 | -42.38 | -67.75 | -62.32 | 1.44 | 10.54 | V |
|         | 3393 | -61.11 | -13 | -48.11 | -75.41 | -69.26 | 1.78 | 12.08 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

**Remark:** Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**Part22H WCDMA 850**

| Mode 3_WCDMA 850 |                   |             |               |                   |                   |                    |                      |                       |                    |
|------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel          | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest           | 1649              | -63.49      | -13           | -50.49            | -72.95            | -68.88             | 1.23                 | 8.77                  | H                  |
|                  | 2479              | -62.01      | -13           | -49.01            | -74.59            | -68.91             | 1.44                 | 10.48                 | H                  |
|                  | 3305              | -60.91      | -13           | -47.91            | -75.65            | -68.86             | 1.71                 | 11.82                 | H                  |
|                  |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                  |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                  |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                  |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                  | 1649              | -63.31      | -13           | -50.31            | -71.85            | -68.70             | 1.23                 | 8.77                  | V                  |
|                  | 2479              | -63.03      | -13           | -50.03            | -75.28            | -69.93             | 1.44                 | 10.48                 | V                  |
|                  | 3305              | -61.28      | -13           | -48.28            | -75.82            | -69.23             | 1.71                 | 11.82                 | V                  |
|                  |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                  |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                  |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                  |                   |             |               |                   |                   |                    |                      |                       | V                  |
| Middle           | 1672              | -63.37      | -13           | -50.37            | -72.64            | -68.84             | 1.24                 | 8.85                  | H                  |
|                  | 2509              | -62.62      | -13           | -49.62            | -75.16            | -69.54             | 1.44                 | 10.51                 | H                  |
|                  | 3345              | -60.92      | -13           | -47.92            | -75.55            | -68.96             | 1.74                 | 11.94                 | H                  |
|                  |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                  |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                  |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                  |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                  | 1672              | -62.69      | -13           | -49.69            | -71.27            | -68.16             | 1.24                 | 8.85                  | V                  |
|                  | 2509              | -63.27      | -13           | -50.27            | -75.5             | -70.19             | 1.44                 | 10.51                 | V                  |
|                  | 3345              | -60.98      | -13           | -47.98            | -75.42            | -69.02             | 1.74                 | 11.94                 | V                  |
|                  |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                  |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                  |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                  |                   |             |               |                   |                   |                    |                      |                       | V                  |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1696 | -64.08 | -13 | -51.08 | -73.27 | -69.63 | 1.24 | 8.94  | H |
|         | 2544 | -63.04 | -13 | -50.04 | -75.62 | -69.98 | 1.44 | 10.54 | H |
|         | 3393 | -61.41 | -13 | -48.41 | -75.93 | -69.56 | 1.78 | 12.08 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 1696 | -63.51 | -13 | -50.51 | -72.16 | -69.06 | 1.24 | 8.94  | V |
|         | 2544 | -63.23 | -13 | -50.23 | -75.59 | -70.17 | 1.44 | 10.54 | V |
|         | 3393 | -61.55 | -13 | -48.55 | -75.89 | -69.70 | 1.78 | 12.08 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

**Remark:** Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**Part22H CDMA 850 1xRTT**

| Mode 4_CDMA 850 1xRTT |                   |             |               |                   |                   |                    |                      |                       |                    |
|-----------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel               | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                | 1649              | -65.49      | -13           | -52.49            | -74.95            | -70.88             | 1.23                 | 8.77                  | H                  |
|                       | 2474              | -63.00      | -13           | -50.00            | -75.58            | -69.89             | 1.44                 | 10.48                 | H                  |
|                       | 3298              | -61.12      | -13           | -48.12            | -75.91            | -69.06             | 1.70                 | 11.79                 | H                  |
|                       |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                       |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                       |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                       |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                       | 1649              | -66.30      | -13           | -53.30            | -74.78            | -71.69             | 1.23                 | 8.77                  | V                  |
|                       | 2474              | -63.23      | -13           | -50.23            | -75.48            | -70.12             | 1.44                 | 10.48                 | V                  |
|                       | 3298              | -61.20      | -13           | -48.20            | -75.79            | -69.14             | 1.70                 | 11.79                 | V                  |
|                       |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                       |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                       |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                       |                   |             |               |                   |                   |                    |                      |                       | V                  |
| Middle                | 1672              | -65.30      | -13           | -52.30            | -74.57            | -70.77             | 1.24                 | 8.85                  | H                  |
|                       | 2509              | -62.90      | -13           | -49.90            | -75.44            | -69.82             | 1.44                 | 10.51                 | H                  |
|                       | 3345              | -60.71      | -13           | -47.71            | -75.34            | -68.75             | 1.74                 | 11.94                 | H                  |
|                       |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                       |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                       |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                       |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                       | 1672              | -65.90      | -13           | -52.90            | -74.48            | -71.37             | 1.24                 | 8.85                  | V                  |
|                       | 2509              | -63.26      | -13           | -50.26            | -75.49            | -70.18             | 1.44                 | 10.51                 | V                  |
|                       | 3345              | -61.15      | -13           | -48.15            | -75.59            | -69.19             | 1.74                 | 11.94                 | V                  |
|                       |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                       |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                       |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                       |                   |             |               |                   |                   |                    |                      |                       | V                  |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1696 | -65.32 | -13 | -52.32 | -74.51 | -70.87 | 1.24 | 8.94  | H |
|         | 2544 | -62.93 | -13 | -49.93 | -75.52 | -69.87 | 1.44 | 10.54 | H |
|         | 3393 | -60.99 | -13 | -47.99 | -75.45 | -69.14 | 1.78 | 12.08 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 1696 | -66.06 | -13 | -53.06 | -74.71 | -71.61 | 1.24 | 8.94  | V |
|         | 2544 | -63.31 | -13 | -50.31 | -75.68 | -70.25 | 1.44 | 10.54 | V |
|         | 3393 | -61.48 | -13 | -48.48 | -75.78 | -69.63 | 1.78 | 12.08 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**Part22H CDMA 850 1xEVDO**

| Mode 5_CDMA 850 1xEVDO |                   |             |               |                   |                   |                    |                      |                       |                    |
|------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                 | 1648              | -65.39      | -13           | -52.39            | -74.85            | -70.78             | 1.23                 | 8.76                  | H                  |
|                        | 2472              | -62.48      | -13           | -49.48            | -75.06            | -69.37             | 1.44                 | 10.48                 | H                  |
|                        | 3296              | -60.87      | -13           | -47.87            | -75.66            | -68.81             | 1.70                 | 11.79                 | H                  |
|                        |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                        |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                        |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                        |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                        | 1648              | -66.22      | -13           | -53.22            | -74.7             | -71.61             | 1.23                 | 8.76                  | V                  |
|                        | 2472              | -63.21      | -13           | -50.21            | -75.46            | -70.10             | 1.44                 | 10.48                 | V                  |
|                        | 3296              | -60.77      | -13           | -47.77            | -75.36            | -68.71             | 1.70                 | 11.79                 | V                  |
|                        |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                        |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                        |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                        |                   |             |               |                   |                   |                    |                      |                       | V                  |
| Middle                 | 1672              | -64.95      | -13           | -51.95            | -74.22            | -70.42             | 1.24                 | 8.85                  | H                  |
|                        | 2512              | -62.65      | -13           | -49.65            | -75.19            | -69.57             | 1.44                 | 10.51                 | H                  |
|                        | 3344              | -60.77      | -13           | -47.77            | -75.4             | -68.81             | 1.74                 | 11.93                 | H                  |
|                        |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                        |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                        |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                        |                   |             |               |                   |                   |                    |                      |                       | H                  |
|                        | 1672              | -65.67      | -13           | -52.67            | -74.25            | -71.14             | 1.24                 | 8.85                  | V                  |
|                        | 2512              | -63.16      | -13           | -50.16            | -75.39            | -70.08             | 1.44                 | 10.51                 | V                  |
|                        | 3344              | -61.10      | -13           | -48.10            | -75.54            | -69.14             | 1.74                 | 11.93                 | V                  |
|                        |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                        |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                        |                   |             |               |                   |                   |                    |                      |                       | V                  |
|                        |                   |             |               |                   |                   |                    |                      |                       | V                  |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 1696 | -65.18 | -13 | -52.18 | -74.37 | -70.73 | 1.24 | 8.94  | H |
|         | 2544 | -62.68 | -13 | -49.68 | -75.27 | -69.62 | 1.44 | 10.54 | H |
|         | 3392 | -61.01 | -13 | -48.01 | -75.47 | -69.15 | 1.78 | 12.08 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 1696 | -65.73 | -13 | -52.73 | -74.38 | -71.28 | 1.24 | 8.94  | V |
|         | 2544 | -63.13 | -13 | -50.13 | -75.5  | -70.07 | 1.44 | 10.54 | V |
|         | 3392 | -61.28 | -13 | -48.28 | -75.58 | -69.42 | 1.78 | 12.08 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.





**Part24E GPRS 1900**

| Mode 1_GPRS 1900 |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel          | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest           | 3700              | -52.40       | -13           | -39.40            | -67.97            | -62.71             | 1.97                 | 12.28                 | H                  |
|                  | 5548              | -51.37       | -13           | -38.37            | -69.47            | -61.49             | 2.14                 | 12.27                 | H                  |
|                  | 7403              | -55.64       | -13           | -42.64            | -76.14            | -63.64             | 2.17                 | 10.17                 | H                  |
|                  |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                  |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                  |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                  |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                  | 3700              | -56.77       | -13           | -43.77            | -71.88            | -67.08             | 1.97                 | 12.28                 | V                  |
|                  | 5548              | -53.71       | -13           | -40.71            | -71.82            | -63.83             | 2.14                 | 12.27                 | V                  |
|                  | 7403              | -55.76       | -13           | -42.76            | -76.14            | -63.76             | 2.17                 | 10.17                 | V                  |
|                  |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                  |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                  |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                  |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle           | 3763              | -43.18       | -13           | -30.18            | -58.82            | -53.42             | 2.01                 | 12.24                 | H                  |
|                  | 5639              | -47.68       | -13           | -34.68            | -65.81            | -57.95             | 2.12                 | 12.39                 | H                  |
|                  | 7522              | -54.99       | -13           | -41.99            | -75.6             | -62.95             | 2.11                 | 10.08                 | H                  |
|                  |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                  |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                  |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                  |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                  | 3763              | -48.56       | -13           | -35.56            | -63.68            | -58.80             | 2.01                 | 12.24                 | V                  |
|                  | 5639              | -55.31       | -13           | -42.31            | -73.41            | -65.58             | 2.12                 | 12.39                 | V                  |
|                  | 7522              | -54.52       | -13           | -41.52            | -75.31            | -62.48             | 2.11                 | 10.08                 | V                  |
|                  |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                  |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                  |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                  |                   |              |               |                   |                   |                    |                      |                       | V                  |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3819 | -40.46 | -13 | -27.46 | -56.16 | -50.63 | 2.04 | 12.21 | H |
|         | 5730 | -56.93 | -13 | -43.93 | -75.42 | -67.35 | 2.10 | 12.52 | H |
|         | 7641 | -54.95 | -13 | -41.95 | -75.91 | -63.34 | 2.11 | 10.51 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3819 | -43.75 | -13 | -30.75 | -58.94 | -53.92 | 2.04 | 12.21 | V |
|         | 5730 | -55.32 | -13 | -42.32 | -73.79 | -65.74 | 2.10 | 12.52 | V |
|         | 7641 | -55.04 | -13 | -42.04 | -75.93 | -63.43 | 2.11 | 10.51 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**Part24E WCDMA 1900**

| Mode 3 WCDMA 1900 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel           | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest            | 3707              | -60.60       | -13           | -47.60            | -76.17            | -70.90             | 1.98                 | 12.28                 | H                  |
|                   | 5557              | -58.96       | -13           | -45.96            | -77.06            | -69.10             | 2.14                 | 12.28                 | H                  |
|                   | 7409              | -55.56       | -13           | -42.56            | -76.06            | -63.55             | 2.17                 | 10.16                 | H                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                   | 3707              | -61.00       | -13           | -48.00            | -76.11            | -71.30             | 1.98                 | 12.28                 | V                  |
|                   | 5557              | -58.97       | -13           | -45.97            | -77.08            | -69.11             | 2.14                 | 12.28                 | V                  |
|                   | 7409              | -55.68       | -13           | -42.68            | -76.06            | -63.67             | 2.17                 | 10.16                 | V                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle            | 3763              | -57.86       | -13           | -44.86            | -73.5             | -68.10             | 2.01                 | 12.24                 | H                  |
|                   | 5639              | -55.82       | -13           | -42.82            | -73.95            | -66.09             | 2.12                 | 12.39                 | H                  |
|                   | 7522              | -54.63       | -13           | -41.63            | -75.24            | -62.59             | 2.11                 | 10.08                 | H                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                   | 3763              | -60.26       | -13           | -47.26            | -75.38            | -70.50             | 2.01                 | 12.24                 | V                  |
|                   | 5639              | -56.63       | -13           | -43.63            | -74.73            | -66.90             | 2.12                 | 12.39                 | V                  |
|                   | 7522              | -54.78       | -13           | -41.78            | -75.57            | -62.74             | 2.11                 | 10.08                 | V                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | V                  |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3815 | -55.92 | -13 | -42.92 | -71.61 | -66.10 | 2.03 | 12.21 | H |
|         | 5722 | -58.89 | -13 | -45.89 | -77.38 | -69.30 | 2.10 | 12.51 | H |
|         | 7630 | -55.18 | -13 | -42.18 | -76.09 | -63.53 | 2.11 | 10.47 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3815 | -59.48 | -13 | -46.48 | -74.66 | -69.66 | 2.03 | 12.21 | V |
|         | 5722 | -58.98 | -13 | -45.98 | -77.45 | -69.39 | 2.10 | 12.51 | V |
|         | 7630 | -55.17 | -13 | -42.17 | -75.98 | -63.52 | 2.11 | 10.47 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

**Remark:** Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**Part24E CDMA 1900 1xRTT**

| Mode 4 CDMA 1900 1xRTT |                   |              |               |                   |                   |                    |                      |                       |                    |
|------------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                 | 3702              | -60.50       | -13           | -47.50            | -76.07            | -70.80             | 1.98                 | 12.28                 | H                  |
|                        | 5553              | -59.00       | -13           | -46.00            | -77.1             | -69.13             | 2.14                 | 12.27                 | H                  |
|                        | 7405              | -55.47       | -13           | -42.47            | -75.97            | -63.47             | 2.17                 | 10.17                 | H                  |
|                        |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                        |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                        |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                        |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                        | 3702              | -61.29       | -13           | -48.29            | -76.4             | -71.59             | 1.98                 | 12.28                 | V                  |
|                        | 5553              | -59.04       | -13           | -46.04            | -77.15            | -69.17             | 2.14                 | 12.27                 | V                  |
|                        | 7405              | -55.78       | -13           | -42.78            | -76.16            | -63.78             | 2.17                 | 10.17                 | V                  |
|                        |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                        |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                        |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                        |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle                 | 3763              | -59.23       | -13           | -46.23            | -74.87            | -69.47             | 2.01                 | 12.24                 | H                  |
|                        | 5640              | -59.07       | -13           | -46.07            | -77.2             | -69.34             | 2.12                 | 12.40                 | H                  |
|                        | 7520              | -55.24       | -13           | -42.24            | -75.85            | -63.20             | 2.11                 | 10.07                 | H                  |
|                        |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                        |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                        |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                        |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                        | 3763              | -60.73       | -13           | -47.73            | -75.85            | -70.97             | 2.01                 | 12.24                 | V                  |
|                        | 5640              | -59.08       | -13           | -46.08            | -77.18            | -69.35             | 2.12                 | 12.40                 | V                  |
|                        | 7520              | -54.85       | -13           | -41.85            | -75.64            | -62.81             | 2.11                 | 10.07                 | V                  |
|                        |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                        |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                        |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                        |                   |              |               |                   |                   |                    |                      |                       | V                  |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3819 | -55.24 | -13 | -42.24 | -70.94 | -65.41 | 2.04 | 12.21 | H |
|         | 5726 | -59.06 | -13 | -46.06 | -77.55 | -69.47 | 2.10 | 12.52 | H |
|         | 7635 | -55.07 | -13 | -42.07 | -75.98 | -63.44 | 2.11 | 10.49 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3819 | -59.34 | -13 | -46.34 | -74.53 | -69.51 | 2.04 | 12.21 | V |
|         | 5726 | -58.91 | -13 | -45.91 | -77.38 | -69.32 | 2.10 | 12.52 | V |
|         | 7635 | -55.23 | -13 | -42.23 | -76.04 | -63.60 | 2.11 | 10.49 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



**Part24E CDMA 1900 1xEVDO**

| Mode 5_ 1900 1xEVDO |                   |              |               |                   |                   |                    |                      |                       |                    |
|---------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel             | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest              | 3702              | -60.37       | -13           | -47.37            | -75.94            | -70.67             | 1.98                 | 12.28                 | H                  |
|                     | 5553              | -58.83       | -13           | -45.83            | -76.93            | -68.96             | 2.14                 | 12.27                 | H                  |
|                     | 7405              | -55.35       | -13           | -42.35            | -75.85            | -63.35             | 2.17                 | 10.17                 | H                  |
|                     |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                     |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                     |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                     |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                     | 3702              | -61.00       | -13           | -48.00            | -76.11            | -71.30             | 1.98                 | 12.28                 | V                  |
|                     | 5553              | -58.97       | -13           | -45.97            | -77.08            | -69.10             | 2.14                 | 12.27                 | V                  |
|                     | 7405              | -55.26       | -13           | -42.26            | -75.64            | -63.26             | 2.17                 | 10.17                 | V                  |
|                     |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                     |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                     |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                     |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle              | 3763              | -60.31       | -13           | -47.31            | -75.95            | -70.55             | 2.01                 | 12.24                 | H                  |
|                     | 5640              | -59.04       | -13           | -46.04            | -77.17            | -69.31             | 2.12                 | 12.40                 | H                  |
|                     | 7520              | -55.16       | -13           | -42.16            | -75.77            | -63.12             | 2.11                 | 10.07                 | H                  |
|                     |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                     |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                     |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                     |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                     | 3763              | -60.89       | -13           | -47.89            | -76.01            | -71.13             | 2.01                 | 12.24                 | V                  |
|                     | 5640              | -59.20       | -13           | -46.20            | -77.3             | -69.47             | 2.12                 | 12.40                 | V                  |
|                     | 7520              | -55.18       | -13           | -42.18            | -75.97            | -63.14             | 2.11                 | 10.07                 | V                  |
|                     |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                     |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                     |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                     |                   |              |               |                   |                   |                    |                      |                       | V                  |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3819 | -60.98 | -13 | -47.98 | -76.68 | -71.15 | 2.04 | 12.21 | H |
|         | 5726 | -58.83 | -13 | -45.83 | -77.32 | -69.24 | 2.10 | 12.52 | H |
|         | 7635 | -55.12 | -13 | -42.12 | -76.03 | -63.49 | 2.11 | 10.49 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3819 | -61.58 | -13 | -48.58 | -76.77 | -71.75 | 2.04 | 12.21 | V |
|         | 5726 | -59.06 | -13 | -46.06 | -77.53 | -69.47 | 2.10 | 12.52 | V |
|         | 7635 | -55.18 | -13 | -42.18 | -75.99 | -63.55 | 2.11 | 10.49 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.





**Part27L WCDMA 1700**

| Mode 3_WCDMA 1900 |                   |              |               |                   |                   |                    |                      |                       |                    |
|-------------------|-------------------|--------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel           | Frequency ( MHz ) | EIRP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest            | 3427              | -60.63       | -13           | -47.63            | -75.98            | -71.00             | 1.81                 | 12.18                 | H                  |
|                   | 5135              | -59.82       | -13           | -46.82            | -77.55            | -69.64             | 2.30                 | 12.13                 | H                  |
|                   | 6850              | -57.49       | -13           | -44.49            | -76.75            | -66.17             | 2.37                 | 11.05                 | H                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                   | 3427              | -60.96       | -13           | -47.96            | -76.09            | -71.33             | 1.81                 | 12.18                 | V                  |
|                   | 5135              | -59.91       | -13           | -46.91            | -77.86            | -69.73             | 2.30                 | 12.13                 | V                  |
|                   | 6850              | -56.36       | -13           | -43.36            | -76.82            | -65.04             | 2.37                 | 11.05                 | V                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | V                  |
| Middle            | 3462              | -60.12       | -13           | -47.12            | -75.73            | -70.57             | 1.84                 | 12.29                 | H                  |
|                   | 5198              | -60.22       | -13           | -47.22            | -77.73            | -70.08             | 2.28                 | 12.14                 | H                  |
|                   | 6927              | -57.41       | -13           | -44.41            | -76.74            | -65.99             | 2.40                 | 10.97                 | H                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | H                  |
|                   | 3462              | -60.63       | -13           | -47.63            | -75.98            | -71.08             | 1.84                 | 12.29                 | V                  |
|                   | 5198              | -60.10       | -13           | -47.10            | -77.85            | -69.96             | 2.28                 | 12.14                 | V                  |
|                   | 6927              | -56.34       | -13           | -43.34            | -76.78            | -64.92             | 2.40                 | 10.97                 | V                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | V                  |
|                   |                   |              |               |                   |                   |                    |                      |                       | V                  |



|         |      |        |     |        |        |        |      |       |   |
|---------|------|--------|-----|--------|--------|--------|------|-------|---|
| Highest | 3812 | -60.85 | -13 | -47.85 | -76.52 | -71.03 | 2.03 | 12.21 | H |
|         | 5723 | -59.06 | -13 | -46.06 | -77.55 | -69.47 | 2.10 | 12.51 | H |
|         | 7627 | -55.27 | -13 | -42.27 | -76.18 | -63.61 | 2.11 | 10.46 | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         |      |        |     |        |        |        |      |       | H |
|         | 3812 | -61.56 | -13 | -48.56 | -76.68 | -71.74 | 2.03 | 12.21 | V |
|         | 5723 | -58.96 | -13 | -45.96 | -77.43 | -69.37 | 2.10 | 12.51 | V |
|         | 7627 | -55.34 | -13 | -42.34 | -76.15 | -63.68 | 2.11 | 10.46 | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |
|         |      |        |     |        |        |        |      |       | V |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.