

FCC

RF

TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.



FOR
LTE Digital Mobile Handset

ISSUED TO
ZTE Corporation

ZTE Plaza, Keji Road South, Hi-Tech, Industrial Park, Nanshan District,
Shenzhen, Guangdong, P. R. China



Tested by:

Ju Lang
Ju Lang
(Engineer)

Date

Jun. 12, 2016

Approved by:

Wei Yangnan
Wei Yangnan
(Chief Engineer)

Date

Jun. 12, 2016

Report No.: BL-SZ1650193-501

EUT Type: LTE Digital Mobile Handset

Model Name: BGH Joy A20

Brand Name: ZTE

Test Standard: 47 CFR Part 2 (10-1-15 Edition)

FCC ID: SRQ-A210

Test conclusion: Pass

Test Date: May 17, 2016 ~ Jun. 6, 2016

Date of Issue: Jun. 12, 2016

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Revision History

| <u>Version</u> | <u>Issue Date</u> | <u>Revisions</u> |
|----------------|----------------------|----------------------|
| <u>Rev. 01</u> | <u>Jun. 12, 2016</u> | <u>Initial Issue</u> |

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1 ADMINISTRATIVE DATA (GENERAL INFORMATION)

1.1 Identification of the Testing Laboratory

| | |
|--------------|---|
| Company Name | Shenzhen BALUN Technology Co., Ltd. |
| Address | Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China |
| Phone Number | +86 755 6685 0100 |
| Fax Number | +86 755 6182 4271 |

1.2 Identification of the Responsible Testing Location

| | |
|---------------------------|---|
| Test Location | Shenzhen BALUN Technology Co., Ltd. |
| Address | Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China |
| Accreditation Certificate | <p>The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A-1.</p> <p>The laboratory has been listed by US Federal Communications Commission to perform electromagnetic emission measurements. The recognition numbers of test site are 832625.</p> <p>The laboratory is a testing organization accredited by China National Accreditation Service for Conformity Assessment (CNAS) according to ISO/IEC 17025. The accreditation certificate number is L6791.</p> |
| Description | All measurement facilities used to collect the measurement data are located at Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China 518055 |

1.3 Laboratory Condition

| | |
|---------------------------|------------------|
| Ambient Temperature | 22 to 28°C |
| Ambient Relative Humidity | 40% - 60% |
| Ambient Pressure | 99 kPa - 102 kPa |

1.4 Announce

- (1) The test report reference to the report template version v1.0.
- (2) The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
- (3) The test report is invalid if there is any evidence and/or falsification.
- (4) The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
- (5) This document may not be altered or revised in any way unless done so by BALUN and all revisions are duly noted in the revisions section.

- (6) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.

2 PRODUCT INFORMATION

2.1 Applicant

| | |
|-----------|--|
| Applicant | ZTE Corporation |
| Address | ZTE Plaza, Keji Road South, Hi-Tech, Industrial Park, Nanshan District, Shenzhen, Guangdong, P. R. China |

2.2 Manufacturer

| | |
|--------------|--|
| Manufacturer | ZTE Corporation |
| Address | ZTE Plaza, Keji Road South, Hi-Tech, Industrial Park, Nanshan District, Shenzhen, Guangdong, P. R. China |

2.3 Factory Information

| | |
|---------|-----|
| Factory | N/A |
| Address | N/A |

2.4 General Description for Equipment under Test (EUT)

| | |
|---|--|
| EUT Type | LTE Digital Mobile Handset |
| Model Name | BGH Joy A20 |
| Series Model Name | BGH Joy A20, ZTE Blade A210 |
| Description of Model name differentiation | The equipment model BGH Joy A20 and ZTE Blade A210 are the LTE Digital Mobile Handset model, the electrical parameters and internal structure of circuit are same, only the model name is different. |
| Hardware Version | BGH_JOY_A20_V1AMB_B |
| Software Version | BGH_Joy_A20_ARMovistar_1.01 |
| Dimensions (Approx.) | 134.8*67.5*10.15 mm |
| Weight (Approx.) | 150 g |
| Network and Wireless connectivity | 2G Network GSM/GPRS/EDGE 850/900/1800/1900 MHz 3G Network WCDMA HSDPA/HSUPA/HSPA+ Band 2/4/5 4G Network FDD LTE Band 2/4/7/12/17/28 Bluetooth 3.0, Bluetooth 4.0, GPS, FM, GLONASS, WIFI 802.11b, 802.11g, 802.11n20, 802.11 n40 |
| About the Product | The equipment is LTE Digital Mobile Handset, intended for used with information technology equipment. |

2.5 Ancillary Equipment

| | | |
|-----------------------|-----------------|--------------------|
| Ancillary Equipment 1 | Battery | |
| | Brand Name | 515063AR |
| | Model No. | Li3822T43P3h675053 |
| | Serial No. | N/A |
| | Capacitance | 2200 mAh |
| | Rated Voltage | 3.8 V |
| | Extreme Voltage | 4.2 V |

| | | |
|-----------------------|-----------------|------------------------------|
| Ancillary Equipment 2 | Charger | |
| | Brand Name | Ruide |
| | Model No. | STC-A51-D |
| | Rated Input | 100-240 V~, 200 mA, 50/60 Hz |
| | Rated Output | 5 V=, 1 A |
| Ancillary Equipment 3 | USB Cable | |
| | Length(Approx.) | 700 mm |
| Ancillary Equipment 4 | Earphone | |
| | Length(Approx.) | 1.2 m |

2.6 Technical Information

| | | |
|--------------------|---|-------|
| Frequency Bands | GSM/GPRS/EGPRS 850/1900 WCDMA/HSDPA/HSUPA Band 2/Band 4/Band 5 LTE FDD Band 2/Band 4/Band 7/Band 12/ Band 17/ Band 28 | |
| Modulation Type | GSM | GMSK |
| | GPRS | GMSK |
| | EGPRS | 8PSK |
| | WCDMA | QPSK |
| | HSDPA | QPSK |
| | | 16QAM |
| | HSUPA | QPSK |
| | | 16QAM |
| LTE | QPSK | |
| | 16QAM | |
| TX Frequency Range | GSM/GPRS/EGPRS 850: 824 - 849 MHz GSM/GPRS/EGPRS 1900: 1850 - 1910 MHz WCDMA/HSDPA/HSUPA Band 2: 1850 -1910 MHz WCDMA/HSDPA/HSUPA Band 4: 1710 - 1755 MHz WCDMA/HSDPA/HSUPA Band 5: 824 - 849 MHz LTE Band 2: 1850 - 1910 MHz LTE Band 4: 1710 - 1755 MHz LTE Band 7: 2500 - 2570 MHz LTE Band 12: 699- 716 MHz LTE Band 17: 704- 716 MHz LTE Band 28: 703- 748 MHz | |
| Rx Frequency Range | GSM/GPRS/EGPRS 850: 869 - 894 MHz GSM/GPRS/EGPRS 1900: 1930 - 1990 MHz WCDMA/HSDPA/HSUPA Band 2: 1930 - 1990 MHz WCDMA/HSDPA/HSUPA Band 4: 2110 - 2155 MHz WCDMA/HSDPA/HSUPA Band 5: 869 - 894 MHz LTE Band 2: 1930 - 1990 MHz LTE Band 4: 2110 - 2155 MHz LTE Band 7: 2620 - 2690 MHz LTE Band 12: 729- 746 MHz LTE Band 17: 734- 746 MHz | |

| | |
|-----------------|--|
| | LTE Band 28: 758- 803 MHz |
| Power Class | GSM/GPRS 850: 4 GSM/GPRS 1900: 1 EGPRS 850: E2 EGPRS 1900: E2 WCDMA/HSDPA/HSUPA Band 2: 3 WCDMA/HSDPA/HSUPA Band 4: 3 WCDMA/HSDPA/HSUPA Band 5: 3 LTE Band 2: 3 LTE Band 4: 3 LTE Band 7: 3 LTE Band 12: 3 LTE Band 17: 3 LTE Band 28: 3 |
| Multislot Class | GPRS: 12, EGPRS: 12 |
| Antenna Type | PIFA Antenna |
| Antenna Gain | GSM/GPRS/EGPRS 850: 0.16 dBi GSM/GPRS/EGPRS 1900:0.6 dBi WCDMA/HSDPA/HSUPA Band 2: 0.6 dBi WCDMA/HSDPA/HSUPA Band 4: 0.8 dBi WCDMA/HSDPA/HSUPA Band 5: 0.16 dBi LTE Band 2: 0.6 dBi LTE Band 4: 0.8 dBi LTE Band 7: -2.5 dBi LTE Band 12: -2.5 dBi LTE Band 17: -2.5 dBi LTE Band 28: -2.5 dBi |

Note: The above EUT information in section 2.4 and 2.6 was declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

| No. | Identity | Document Title |
|-----|-------------------------------------|---|
| 1 | 47 CFR Part 2 (10-1-15 Edition) | Frequency Allocations and Radio Treaty Matters; General Rules and Regulations |
| 2 | 47 CFR Part 22 (10-1-15 Edition) | Public Mobile Services |
| 3 | 47 CFR Part 24 (10-1-15 Edition) | Personal Communications Services |
| 4 | 47 CFR Part 27 (10-1-15 Edition) | Miscellaneous Wireless Communications Services |
| 5 | TIA/EIA 603.D-2010 | Land Mobile FM or PM Communications Equipment Measurement and Performance Standards |
| 6 | KDB 971168 D01 v02r02 | Measurement Guidance For Certification of Licensed Digital Transmitters |

3.2 Verdict

| No. | Description | FCC Part No. | Test Result | Verdict |
|-----|--|--|---------------------------------------|---------|
| 1 | Conducted RF Output Power | 2.1046 | Reporting only (Show in ANNEX A.1) | Pass |
| 2 | Effective (Isotropic) Radiated Power | 2.1046 22.913 24.232 27.50(d) 27.50(h) | ANNEX A.1 | Pass |
| 3 | Peak to average ratio | 2.0146 24.232 27.50(d) | ANNEX A.2 | Pass |
| 4 | Occupied Bandwidth | 2.1049 22.917 24.238 27.53(h) 27.53(m) | ANNEX A.3 | Pass |
| 5 | Frequency Stability | 2.1055 22.355 24.235 27.54 | ANNEX A.4 | Pass |
| 6 | Spurious Emission at Antenna Terminals | 2.1051 22.917 24.238 27.53(h) 27.53(m) | ANNEX A.5 | Pass |
| 7 | Band Edge | 2.1051 22.917 24.238 27.53(h) 27.53(m) | ANNEX A.6 | Pass |
| 8 | Field Strength of Spurious Radiation | 2.1053 22.917 24.238 27.53(h) 27.53(m) | ANNEX A.7 | Pass |

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

During the measurement, the normal environmental conditions were within the listed ranges:

| | | |
|----------------------------|-------------------------|--------------|
| Relative Humidity | 40% - 60% | |
| Atmospheric Pressure | 99 kPa -102 kPa | |
| Temperature | NT (Normal Temperature) | +22 to +28°C |
| Working Voltage of the EUT | NV (Normal Voltage) | 3.8 V |
| | LV (Low Voltage) | 3.6 V |
| | HV (High Voltage) | 4.35 V |

4.2 Test Equipment List

| Description | Manufacturer | Model | Serial No. | Cal. Date | Cal. Due |
|--------------------------------------|----------------------|------------|------------|------------|------------|
| Spectrum Analyzer | ROHDE&SCHWARZ | FSV-30 | 103118 | 2015.07.16 | 2016.07.15 |
| Vector Signal Generator | ROHDE&SCHWARZ | SMBV100A | 177746 | 2015.07.16 | 2016.07.15 |
| Signal Generator | ROHDE&SCHWARZ | SMB100A | 260592 | 2015.07.01 | 2016.06.30 |
| Switch Unit with OSP-B157 | ROHDE&SCHWARZ | OSP120 | 101270 | 2015.07.16 | 2016.07.15 |
| Spectrum Analyzer | AGILENT | E4440A | MY45304434 | 2014.10.18 | 2016.10.17 |
| Universal Radio Communication Tester | ROHDE&SCHWARZ | CMU 200 | 123666 | 2015.07.01 | 2016.06.30 |
| Wireless Communications Test Set | ROHDE&SCHWARZ | CMW 500 | 138884 | 2015.07.01 | 2016.06.30 |
| EMI Receiver | ROHDE&SCHWARZ | ESRP | 101036 | 2015.07.14 | 2016.07.13 |
| LISN | SCHWARZBECK | NSLK 8127 | 8127-687 | 2015.07.14 | 2016.07.13 |
| Bluetooth Tester | ROHDE&SCHWARZ | CBT | 101005 | 2015.07.16 | 2016.07.15 |
| Power Splitter | KMW | DCPD-LDC | 1305003215 | 2015.07.01 | 2016.06.30 |
| Power Sensor | ROHDE&SCHWARZ | NRP-Z21 | 103971 | 2015.07.21 | 2016.07.20 |
| Attenuator (20 dB) | KMW | ZA-S1-201 | 110617091 | -- | -- |
| Attenuator (6 dB) | KMW | ZA-S1-61 | 1305003189 | -- | -- |
| DC Power Supply | ROHDE&SCHWARZ | HMP2020 | 18141664 | 2015.07.17 | 2016.07.16 |
| Temperature Chamber | ANGELANTIONI SCIENCE | NTH64-40A | 1310 | 2015.08.07 | 2016.08.06 |
| Test Antenna-Loop(9 kHz-30 MHz) | SCHWARZBECK | FMZB 1519 | 1519-037 | 2015.07.22 | 2017.07.21 |
| Test Antenna-Bi-Log(30 MHz-3 GHz) | SCHWARZBECK | VULB 9163 | 9163-624 | 2015.07.22 | 2017.07.21 |
| Test Antenna-Horn(1-18 GHz) | SCHWARZBECK | BBHA 9120D | 9120D-1148 | 2015.07.22 | 2017.07.21 |
| Test Antenna-Horn(15-26.5 GHz) | SCHWARZBECK | BBHA 9170 | 9170-305 | 2015.07.22 | 2017.07.21 |

| Description | Manufacturer | Model | Serial No. | Cal. Date | Cal. Due |
|--------------------|--------------|-----------|------------|------------|------------|
| Anechoic Chamber | RAINFORD | 9m*6m*6m | N/A | 2015.02.28 | 2017.02.27 |
| Shielded Enclosure | ChangNing | CN-130701 | 130703 | -- | -- |

4.3 Test Configurations

| Test Items | Test Mode | Test Channel | | |
|--|--------------|--------------|-----|-----|
| | | LCH | MCH | HCH |
| E.R.P/E.I.R.P | GSM 850 | v | v | v |
| | GSM 1900 | v | v | v |
| | GPRS 850 | v | v | v |
| | GPRS 1900 | v | v | v |
| | EGPRS 850 | v | v | v |
| | EGPRS 1900 | v | v | v |
| | WCDMA Band 2 | v | v | v |
| | WCDMA Band 4 | v | v | v |
| | WCDMA Band 5 | v | v | v |
| | HSUPA Band 2 | v | v | v |
| | HSUPA Band 4 | v | v | v |
| | HSUPA Band 5 | v | v | v |
| | HSDPA Band 2 | v | v | v |
| | HSDPA Band 4 | v | v | v |
| | HSDPA Band 5 | v | v | v |
| Peak to Average Ratio | WCDMA Band 2 | v | v | v |
| | WCDMA Band 4 | v | v | v |
| Occupied Bandwidth | GSM 850 | v | v | v |
| | GSM 1900 | v | v | v |
| | EGPRS 850 | v | v | v |
| | EGPRS 1900 | v | v | v |
| | WCDMA Band 2 | v | v | v |
| | WCDMA Band 4 | v | v | v |
| Frequency Stability | WCDMA Band 5 | v | v | v |
| | GSM 850 | v | v | v |
| | GSM 1900 | v | v | v |
| | GPRS 850 | v | v | v |
| | GPRS 1900 | v | v | v |
| | EGPRS 850 | v | v | v |
| | EGPRS 1900 | v | v | v |
| | WCDMA Band 2 | v | v | v |
| | WCDMA Band 4 | v | v | v |
| WCDMA Band 5 | v | v | v | |
| Spurious Emission at Antenna Terminals | GSM 850 | v | v | v |
| | GSM 1900 | v | v | v |
| | EGPRS 850 | v | v | v |
| | EGPRS 1900 | v | v | v |

| Test Items | Test Mode | Test Channel | | |
|--------------------------------------|--------------|--------------|-----|-----|
| | | LCH | MCH | HCH |
| | WCDMA Band 2 | v | v | v |
| | WCDMA Band 4 | v | v | v |
| | WCDMA Band 5 | v | v | v |
| Band Edge | GSM 850 | v | -- | v |
| | GSM 1900 | v | -- | v |
| | EGPRS 850 | v | -- | v |
| | EGPRS 1900 | v | -- | v |
| | WCDMA Band 2 | v | -- | v |
| | WCDMA Band 4 | v | -- | v |
| | WCDMA Band 5 | v | -- | v |
| Field Strength of Spurious Radiation | GSM 850 | v | v | v |
| | GSM 1900 | v | v | v |
| | EGPRS 850 | v | v | v |
| | EGPRS 1900 | v | v | v |
| | WCDMA Band 2 | v | v | v |
| | WCDMA Band 4 | v | v | v |
| | WCDMA Band 5 | v | v | v |

Note 1: The mark "v" means that this configuration is chosen for testing.

| Test Items | LTE Band | Bandwidth (MHz) | | | | | | Modulation | | RB# | | | Test Channel | | |
|-------------------------------|----------|-----------------|----|----|----|----|----|------------|--------|-----|------|------|--------------|-----|-----|
| | | 1.4 | 3 | 5 | 10 | 15 | 20 | QPSK | 16-QAM | 1 | Half | Full | LCH | MCH | HCH |
| E.R.P/E.I .R.P | 2 | v | v | v | v | v | v | v | v | v | v | v | v | v | v |
| | 4 | v | v | v | v | v | v | v | v | v | v | v | v | v | v |
| | 7 | n | n | v | v | v | v | v | v | v | v | v | v | v | v |
| | 12 | v | v | v | v | n | n | v | v | v | v | v | v | v | v |
| | 17 | n | n | v | v | n | n | v | v | v | v | v | v | v | v |
| | 28 | n | v | v | v | v | v | v | v | v | v | v | v | v | v |
| Peak to Average Ratio | 2 | -- | -- | -- | -- | -- | v | v | v | v | -- | v | v | v | v |
| | 4 | -- | -- | -- | -- | -- | v | v | v | v | -- | v | v | v | v |
| | 7 | n | n | -- | -- | -- | v | v | v | v | -- | v | v | v | v |
| | 12 | -- | -- | -- | v | n | n | v | v | v | -- | v | v | v | v |
| | 17 | n | n | -- | v | n | n | v | v | v | -- | v | v | v | v |
| | 28 | n | -- | -- | -- | -- | v | v | v | v | -- | v | v | v | v |
| Occupied Bandwidth | 2 | -- | -- | -- | -- | -- | v | v | v | -- | -- | v | -- | v | -- |
| | 4 | -- | -- | -- | -- | -- | v | v | v | -- | -- | v | -- | v | -- |
| | 7 | n | n | -- | -- | -- | v | v | v | -- | -- | v | -- | v | -- |
| | 12 | -- | -- | -- | v | n | n | v | v | -- | -- | v | -- | v | -- |
| | 17 | n | n | -- | v | n | n | v | v | -- | -- | v | -- | v | -- |
| | 28 | n | -- | -- | -- | -- | v | v | v | -- | -- | v | -- | v | -- |
| Frequency Stability | 2 | -- | -- | -- | v | -- | -- | v | v | -- | -- | v | -- | v | -- |
| | 4 | -- | -- | -- | v | -- | -- | v | v | -- | -- | v | -- | v | -- |
| | 7 | n | n | -- | v | -- | -- | v | v | -- | -- | v | -- | v | -- |
| | 12 | -- | -- | -- | v | n | n | v | v | -- | -- | v | -- | v | -- |
| | 17 | n | n | -- | v | n | n | v | v | -- | -- | v | -- | v | -- |
| | 28 | n | -- | -- | v | -- | -- | v | v | -- | -- | v | -- | v | -- |
| Spurious Emission at Antennas | 2 | v | v | v | v | v | v | v | v | v | -- | -- | v | v | v |
| | 4 | v | v | v | v | v | v | v | v | v | -- | -- | v | v | v |
| | 7 | n | n | v | v | v | v | v | v | v | -- | -- | v | v | v |
| | 12 | v | v | v | v | n | n | v | v | v | -- | -- | v | v | v |
| | 17 | n | n | v | v | n | n | v | v | v | -- | -- | v | v | v |
| | 28 | n | v | v | v | v | v | v | v | v | -- | -- | v | v | v |
| Band Edge | 2 | v | v | v | v | v | v | v | v | v | -- | v | v | -- | v |
| | 4 | v | v | v | v | v | v | v | v | v | -- | v | v | -- | v |
| | 7 | n | n | v | v | v | v | v | v | v | -- | v | v | -- | v |
| | 12 | v | v | v | v | n | n | v | v | v | -- | v | v | -- | v |
| | 17 | n | n | v | v | n | n | v | v | v | -- | v | v | -- | v |
| | 28 | n | v | v | v | v | v | v | v | v | -- | v | v | -- | v |
| Field Strength of | 2 | v | v | v | v | v | v | v | -- | v | -- | -- | -- | v | -- |
| | 4 | v | v | v | v | v | v | v | -- | v | -- | -- | -- | v | -- |
| | 7 | n | n | v | v | v | v | v | -- | v | -- | -- | -- | v | -- |

| | | | | | | | | | | | | | | | |
|-----------------------|----|---|---|---|---|---|---|---|----|---|----|----|----|---|----|
| Spurious Radiation | 12 | v | v | v | v | n | n | v | -- | v | -- | -- | -- | v | -- |
| | 17 | n | n | v | v | n | n | v | -- | v | -- | -- | -- | v | -- |
| | 28 | n | v | v | v | v | v | v | -- | v | -- | -- | -- | v | -- |

Note 1: The mark "v" means that this configuration is chosen for testing.

Note 2: The mark "n" means that this bandwidth is not supported.

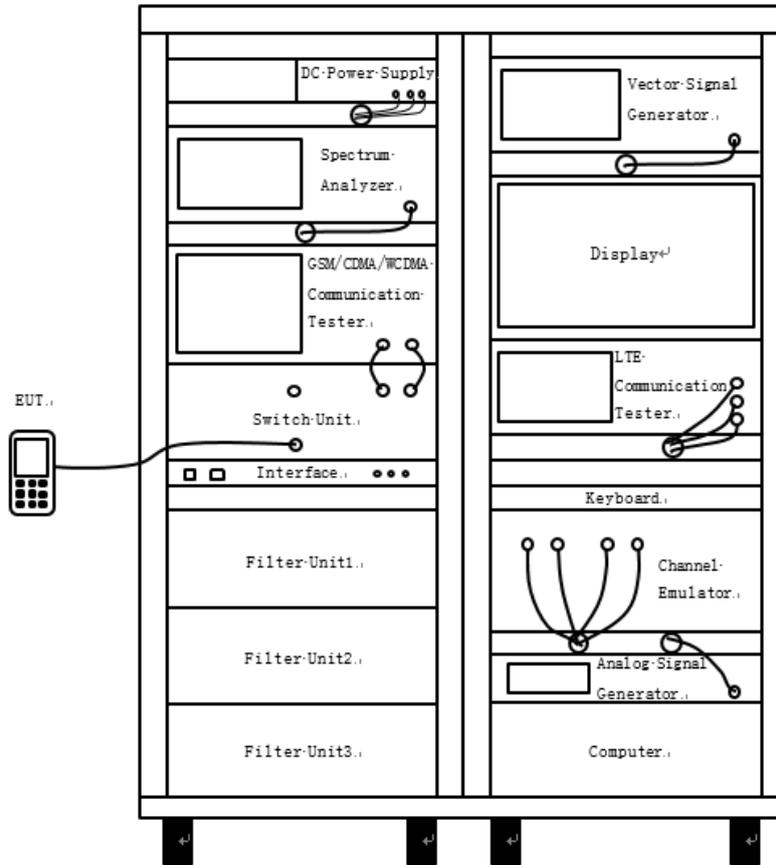
| Test Mode | UL Channel | UL Channel No. | UL Frequency (MHz) |
|------------------------|------------|----------------|--------------------|
| GSM/GPRS/EGPRS 850 | LCH | 128 | 824.2 |
| | MCH | 190 | 836.6 |
| | HCH | 251 | 848.8 |
| GSM/GPRS/EGPRS 1900 | LCH | 512 | 1850.2 |
| | MCH | 661 | 1880.0 |
| | HCH | 810 | 1909.8 |
| WCDMA Band 2 | LCH | 9262 | 1852.4 |
| | MCH | 9400 | 1880.0 |
| | HCH | 9538 | 1907.6 |
| WCDMA Band 4 | LCH | 1312 | 1712.4 |
| | MCH | 1412 | 1732.4 |
| | HCH | 1513 | 1752.6 |
| WCDMA Band 5 | LCH | 4132 | 826.4 |
| | MCH | 4182 | 836.4 |
| | HCH | 4233 | 846.6 |

| Test Mode | UL Channel | Channel Bandwidth (MHz) | UL Channel No. | UL Frequency (MHz) |
|------------|------------|-------------------------|----------------|--------------------|
| LTE Band 2 | Low Range | 1.4 | 18607 | 1850.7 |
| | | 3 | 18615 | 1851.5 |
| | | 5 | 18625 | 1852.5 |
| | | 10 | 18650 | 1855 |
| | | 15 | 18675 | 1857.5 |
| | | 20 | 18700 | 1860 |
| | Mid Range | 1.4/3/5/10/15/20 | 18900 | 1880 |
| | High Range | 1.4 | 19193 | 1909.3 |
| | | 3 | 19185 | 1908.5 |
| | | 5 | 19175 | 1907.5 |
| | | 10 | 19150 | 1905 |
| | | 15 | 19125 | 1902.5 |
| 20 | | 19100 | 1900 | |
| LTE Band 4 | Low Range | 1.4 | 19957 | 1710.7 |
| | | 3 | 19965 | 1711.5 |
| | | 5 | 19975 | 1712.5 |
| | | 10 | 20000 | 1715 |
| | | 15 | 20025 | 1717.5 |
| | | 20 | 20050 | 1720 |
| | Mid Range | 1.4/3/5/10/15/20 | 20175 | 1732.5 |
| | High Range | 1.4 | 20393 | 1754.3 |
| | | 3 | 20385 | 1753.5 |
| | | 5 | 20375 | 1752.5 |
| | | 10 | 20350 | 1750 |

| Test Mode | UL Channel | Channel Bandwidth (MHz) | UL Channel No. | UL Frequency (MHz) | |
|-------------|------------|-------------------------|----------------|--------------------|--------|
| | | 15 | 20325 | 1747.5 | |
| | | 20 | 20300 | 1745 | |
| LTE Band 7 | Low Range | 5 | 20775 | 2502.5 | |
| | | 10 | 20800 | 2505 | |
| | | 15 | 20825 | 2507.5 | |
| | | 20 | 20850 | 2510 | |
| | | 5/10/15/20 | 21100 | 2535 | |
| | Mid Range | High Range | 5 | 21425 | 2567.5 |
| | | | 10 | 21400 | 2565 |
| | | | 15 | 21375 | 2562.5 |
| | | | 20 | 21350 | 2560 |
| | | | 5/10/15/20 | 21100 | 2535 |
| LTE Band 12 | Low Range | 1.4 | 23017 | 699.7 | |
| | | 3 | 23025 | 700.5 | |
| | | 5 | 23035 | 701.5 | |
| | | 10 | 23060 | 704 | |
| | Mid Range | High Range | 1.4/3/5/10 | 23095 | 707.5 |
| | | | 1.4 | 23173 | 715.3 |
| | High Range | High Range | 3 | 23165 | 714.5 |
| | | | 5 | 23155 | 713.5 |
| | | | 10 | 23130 | 711 |
| | | | 1.4/3/5/10 | 23095 | 707.5 |
| LTE Band 17 | Low Range | 5 | 23755 | 706.5 | |
| | | 10 | 23780 | 709 | |
| | Mid Range | High Range | 5/10 | 23790 | 710 |
| | | | 5 | 23825 | 713.5 |
| | High Range | High Range | 10 | 23800 | 711 |
| | | | 5/10 | 23790 | 710 |
| LTE Band 28 | Low Range | 3 | 27225 | 704.5 | |
| | | 5 | 27235 | 705.5 | |
| | | 10 | 27260 | 708 | |
| | | 15 | 27285 | 710.5 | |
| | | 20 | 27310 | 713 | |
| | Mid Range | Mid Range | 3 | 27375 | 719.5 |
| | | | 5 | 27385 | 720.5 |
| | | | 10 | 27410 | 723 |
| | | | 15 | 27435 | 725.5 |
| | | | 20 | 27460 | 728 |
| | High Range | High Range | 3 | 27645 | 746.5 |
| | | | 5 | 27635 | 745.5 |
| | | | 10 | 27610 | 743 |
| | | | 15 | 27585 | 740.5 |
| | | | 20 | 27560 | 738 |
| | | | 3 | 27225 | 704.5 |

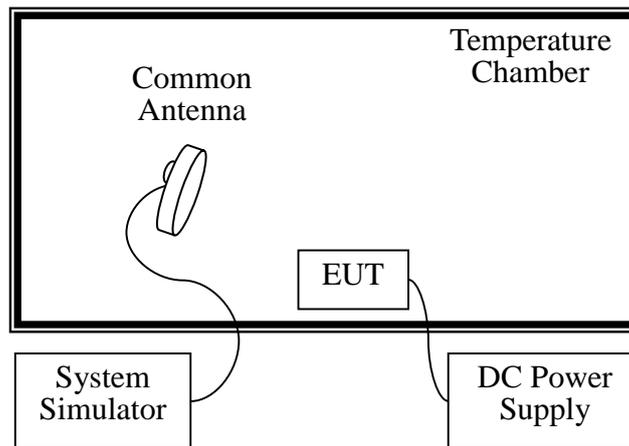
4.4 Description of Test Setup

4.4.1 For Antenna Port Test



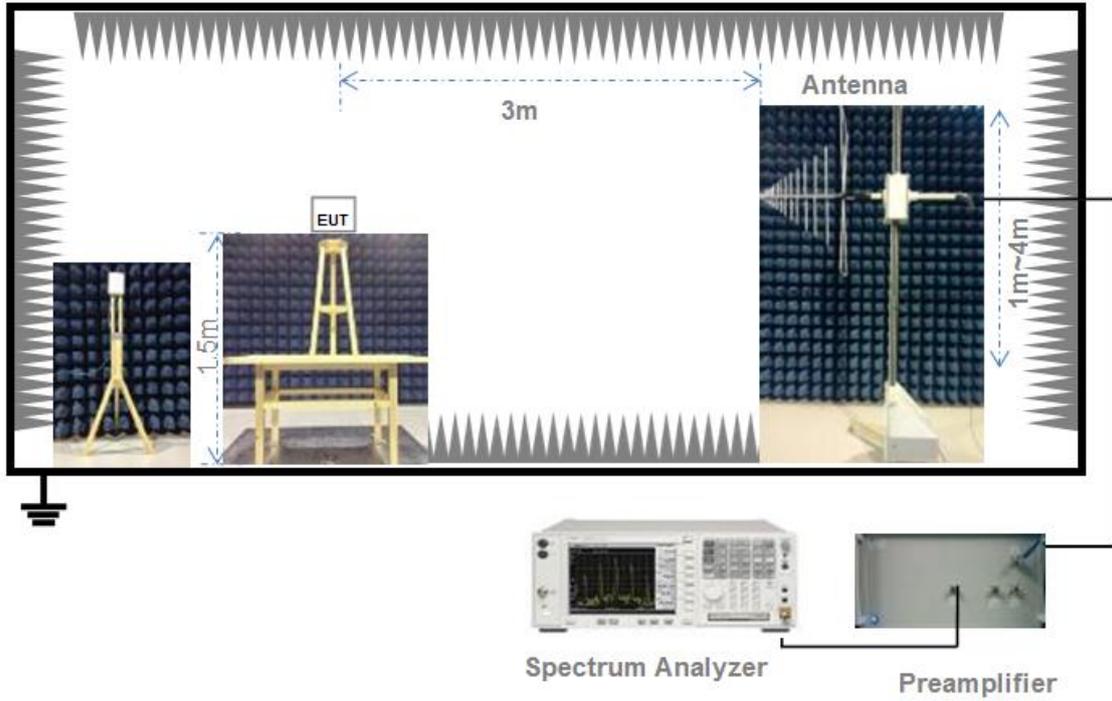
(Diagram 1)

4.4.2 For Frequency Stability Test



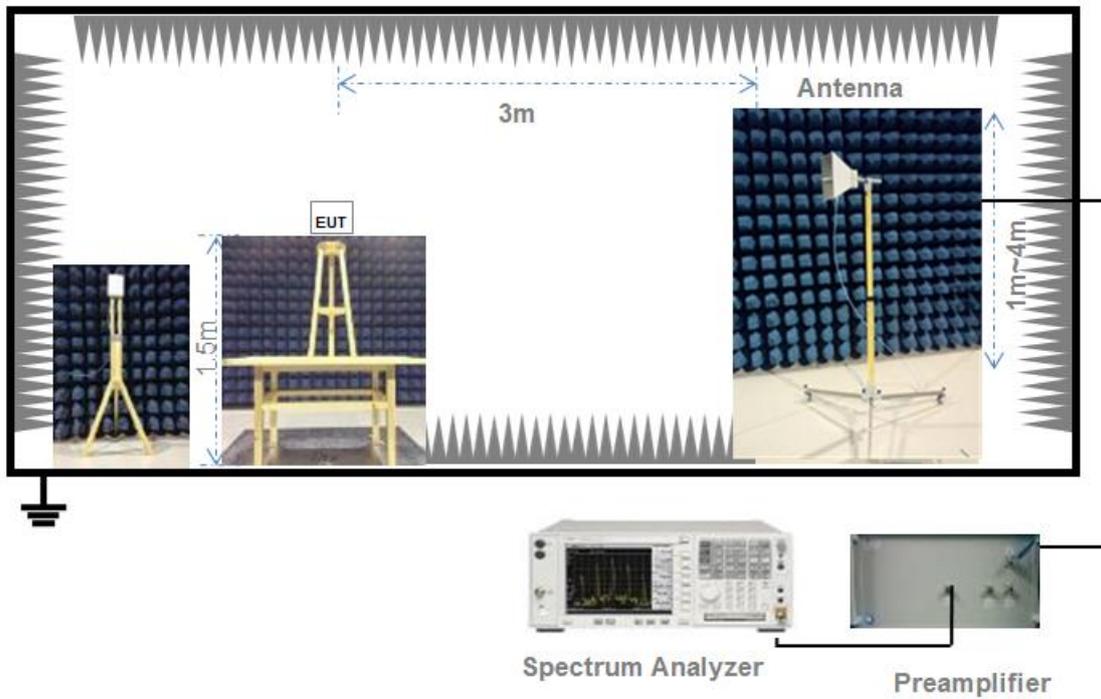
(Diagram 2)

4.4.3 For Radiated Test (30 MHz-1 GHz)



(Diagram 3)

4.4.4 For Radiated Test (Above 1 GHz)



(Diagram 4)

5 TEST ITEMS

5.1 Transmitter Radiated Power (EIRP/ERP)

5.1.1 Limit

FCC §2.1046(a) & 22.913 & 24.232 & 27.50(d) & 27.50(h)

According to FCC section 22.913, the Effective Radiated Power (ERP) of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts, FCC section 24.232, Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

FCC section 27.50(d), Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP. Fixed stations operating in the 1710-1755 MHz band are limited to a maximum antenna height of 10 meters above ground. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications, and FCC section 27.50(h) Mobile and other user stations. Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

RSS-132 §5.4 and RSS-133 §6.4

According to RSS-132 §5.4, the Effective Radiated Power (ERP) of mobile transmitters and auxiliary test transmitters must not exceed 11.5Watts, and RSS-133 §6.4, the broadband PCS mobile station is limited to 2Watts e.i.r.p. peak power.

5.1.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.1.3 Test Procedure

Description of the Conducted Output Power Measurement

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

Note: Reference test setup 4.4.1 (Diagram 1)

Description of the Transmitter Radiated Power Measurement

In many cases, the RF output power limits for licensed digital transmission devices is specified in terms of effective radiated power (ERP) or equivalent isotropic radiated power (EIRP). Typically, ERP is specified when the operating frequency is less than or equal to 1 GHz and EIRP is specified when the operating frequency is greater than 1 GHz. Both are determined by adding the transmit antenna gain to the conducted RF output power with the primary difference between the two being that when determining the ERP, the transmit antenna gain is referenced to a dipole antenna (i.e., dBd) whereas when determining the EIRP, the transmit antenna gain is referenced to an isotropic antenna (dBi).

The relevant equation for determining the ERP or EIRP from the conducted RF output power measured using the guidance provided above is:

$$\text{ERP/EIRP} = \text{PMeas} + \text{GT} - \text{LC}$$

where:

ERP/EIRP = effective or equivalent radiated power, respectively (expressed in the same units as PMeas, typically dBW or dBm);

PMeas = measured transmitter output power or PSD, in dBm or dBW;

GT = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);

dBd (ERP)=dBi-2.15

LC = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

For devices utilizing multiple antennas, KDB 662911 provides guidance for determining the effective array transmit antenna gain term to be used in the above equation.

Note: Reference test setup 4.4.3 and 4.4.4 (Diagram 3, 4)

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Peak to average ratio

5.2.1 Limit

FCC § 2.1046 & 24.232 & 27.50(d)

IC RSS-132 5.4 & RSS-133 6.4 & RSS-139 6.5

In addition, the peak-to-average power ratio (PAPR) of the transmitter shall not exceed 13 dB for more than 0.1% of the time using a signal corresponding to the highest PAPR during periods of continuous transmission.

Power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with 24.232 (e) of this section. In both instances, equipment employed must be authorized in accordance with the provisions of § 24.51. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

Peak transmit power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms equivalent voltage. The measurement results shall be properly adjusted for any instrument limitations, such as detector response times, limited resolution bandwidth capability when compared to the emission bandwidth, sensitivity, etc., so as to obtain a true peak measurement for the emission in question over the full bandwidth of the channel.

5.2.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.2.3 Test Procedure

Here the lowest, middle and highest channels are selected to perform testing to verify the peak-to-average ratio.

Test procedures:

- a) Refer to instrument's analyzer instruction manual for details on how to use the power statistics/CCDF function;
- b) Set resolution/measurement bandwidth \geq signal's occupied bandwidth;
- c) Set the number of counts to a value that stabilizes the measured CCDF curve;
- d) Set the measurement interval as follows:
 - 1) for continuous transmissions, set to 1 ms,
 - 2) for burst transmissions, employ an external trigger that is synchronized with the EUT burst timing sequence, or use the internal burst trigger with a trigger level that allows the burst to stabilize and set the measurement interval to a time that is less than or equal to the burst duration.
- e) Record the maximum PAPR level associated with a probability of 0.1%.

Use one of the procedures presented in 4.1 to measure the total peak power and record as PPK. Use one of the applicable procedures presented 4.2 to measure the total average power and record as PAvg. Both the peak and average power levels must be expressed in the same logarithmic units (e.g., dBm). Determine the PAPR from:

$$\text{PAPR (dB)} = \text{PPk (dBm)} - \text{PAvg (dBm)}.$$

Note: Reference test setup 4.4.1 (Diagram 1).

5.2.4 Test Result

Please refer to ANNEX A.2.

5.3 Occupied Bandwidth

5.3.1 Limit

FCC § 2.1049

IC RSS-Gen 4.6

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission.

Occupied bandwidth is also known as the 99% emission bandwidth

5.3.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.3.3 Test Procedure

The following procedure shall be used for measuring (99 %) power bandwidth

- a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be set wide enough to capture all modulation products including the emission skirts (i.e., two to five times the OBW).
- b) The nominal IF filter bandwidth (3 dB 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.
- c) Set the reference level of the instrument as required to keep the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope must be at least $10\log(\text{OBW} / \text{RBW})$ below the reference level.
- d) NOTE—Steps a) through c) may require iteration to adjust within the specified tolerances.
- e) Set the detection mode to peak, and the trace mode to max hold..
- f) Use the 99 % power bandwidth function of the spectrum analyzer (if available) and report the measured bandwidth.
- g) If the instrument does not have a 99 % power bandwidth function, the trace data points are to be recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99 % power bandwidth is the difference between these two frequencies.
- h) The OBW shall be reported by providing plot(s) of the measuring instrument display. The frequency and amplitude axes and scale shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

Note: Reference test setup 4.4.1 (Diagram 1).

5.3.4 Test Result

Please refer to ANNEX A.3.

5.4 Frequency Stability

5.4.1 Limit

FCC § 2.1055 & 22.355 & 24.235 & 27.54

IC RSS-Gen 4.7 & RSS-132 4.3 & RSS-133 6.3 & RSS-139 6.4 & RSS-199 4.3

§ 22.355

Except as otherwise provided in this part, the carrier frequency of each transmitter in the Public Mobile Services must be maintained within the tolerances given in Table C-1 of this section.

Table C-1—Frequency Tolerance for Transmitters in the Public Mobile Services

| Frequency range (MHz) | Base, fixed (ppm) | Mobile > 3 watts (ppm) | Mobile ≤ 3 watts (ppm) |
|-----------------------|-------------------|------------------------|------------------------|
| 25 to 50 | 20.0 | 20.0 | 50.0 |
| 50 to 450 | 5.0 | 5.0 | 50.0 |
| 450 to 512 | 2.5 | 5.0 | 5.0 |
| 821 to 896 | 1.5 | 2.5 | 2.5 |
| 928 to 929 | 5.0 | n/a | n/a |
| 929 to 960 | 1.5 | n/a | n/a |
| 2110 to 2220 | 10.0 | n/a | n/a |

& 24.235

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

& 27.54

The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

The test conditions are:

- (a) The temperature is varied from -30°C to +50°C at intervals of not more than 10°C.
- (b) For hand carried battery powered equipment, the primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacture. The supply voltage shall be measured at the input to the cable normally provided with the equipment, or at the power supply terminals if cables are not normally provided.

5.4.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.4.3 Test Procedure

1. The test is performed in a Temperature Chamber.
2. The EUT is configured as MS + DC Power Supply.

Note: Reference test setup 4.4.2 (Diagram 2).

5.4.4 Test Result

Please refer to ANNEX A.4.

5.5 Spurious Emission at Antenna Terminals

5.5.1 Limit

FCC §2.1051 & 22.917(a) & 24.238(a) & 27.53(h) & 27.53(m)

IC RSS-Gen 4.9 & RSS-132 4.3 & RSS-133 6.5 & RSS-139 6.5 & RSS-199 4.6

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43+10*\log(P)$ dB. This calculated to be -13 dBm.

Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ dB.

FCC § 27.53(m)

IC RSS-199 4.6

For mobile digital stations, the attenuation factor shall be not less than:

- $40+10\log P$ dB (-10 dBm, 100 nW) on all frequencies between the channel edge and 5 MHz from the channel edge.
- $43+10\log P$ dB (-13 dBm, 50 nW) on all frequencies between 5 MHz and X MHz from the channel edge,
- $55+10\log P$ dB (-25 dBm, 3 nW) on all frequencies more than X MHz from the channel edge, where X is the greater of 6 MHz or the actual emission bandwidth (26 dB).

5.5.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.5.3 Test Procedure

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. On any frequency outside a licensee's frequency block, the power of any emission shall be attenuated below the transmitter power (P) by at least $43 + 10 \log(P)$ dB. Compliance with these provisions is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emission are attenuated at least 26 dB below the transmitter power.

Note: Reference test setup 4.4.1 (Diagram 1).

5.5.4 Test Result

Please refer to ANNEX A.5.

5.6 Band Edge

5.6.1 Limit

FCC § 2.1051 & 22.917(b) & 24.238(b) & 27.53(h) & 27.53(m)

IC RSS-132 4.5 & RSS-133 6.5 & RSS-139 6.5 & RSS-199 4.6

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

In the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth (26 dB emission bandwidth) of the fundamental emission of the transmitter may be employed.

For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

5.6.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.6.3 Test Procedure

The EUT, which is powered by the Battery, is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50 Ohm; the path loss as the factor is calibrated to correct the reading.

1. The RF output of the transmitter was connected to the input of the spectrum analyzer through sufficient attenuation.
2. The center of the spectrum analyzer was set to block edge frequency.

Note: Reference test setup 4.4.1 (Diagram 1).

5.6.4 Test Result

Please refer to ANNEX A.6.

5.7 Field Strength of Spurious Radiation

5.7.1 Limit

FCC § 2.1053 & 22.917 & 24.238

IC RSS-Gen 4.9 & RSS-132 4.5 & RSS-133 6.5 & RSS-139 6.6

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43+10*\log(P)$ dB. This calculated to be -13 dBm.

FCC § 27.53(h)

(1) General protection levels. Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ dB.

(2) Additional protection levels. Notwithstanding the foregoing paragraph (h)(1) of this section:

(i) Operations in the 2180-2200 MHz band are subject to the out-of-band emission requirements set forth in § 27.1134 for the protection of federal government operations operating in the 2200-2290 MHz band.

(ii) For operations in the 2000-2020 MHz band, the power of any emissions below 2000 MHz shall be attenuated below the transmitter power (P) in watts by at least $70 + 10 \log_{10}(P)$ dB.

(iii) For operations in the 1915-1920 MHz band, the power of any emission between 1930-1995 MHz shall be attenuated below the transmitter power (P) in watts by at least $70 + 10 \log_{10}(P)$ dB.

(iv) For operations in the 1995-2000 MHz band, the power of any emission between 2005-2020 MHz shall be attenuated below the transmitter power (P) in watts by at least $70 + 10 \log_{10}(P)$ dB.

FCC § 27.53(m)

IC RSS-199 4.6

For mobile digital stations, the attenuation factor shall be not less than:

- $40+10\log P$ dB (-10 dBm, 100 nW) on all frequencies between the channel edge and 5 MHz from the channel edge.
- $43+10\log P$ dB (-13 dBm, 50 nW) on all frequencies between 5 MHz and X MHz from the channel edge,
- $55+10\log P$ dB (-25 dBm, 3 nW) on all frequencies more than X MHz from the channel edge, where X is the greater of 6 MHz or the actual emission bandwidth (26 dB).

5.7.2 Test Setup

The section 4.4.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.7.3 Test Procedure

1. On a test site, the EUT shall be placed at 80cm height on a turn table, and in the position close to normal use as declared by the applicant.

2. The test antenna shall be oriented initially for vertical polarization located 3 m from EUT to correspond to the fundamental frequency of the transmitter.
3. The output of the test antenna shall be connected to the measuring receiver and the peak detector is used for the measurement.
4. During the measurement of the EUT, the resolution bandwidth was to 1 MHz and the average bandwidth was set to 1 MHz.
5. The transmitter shall be switched on; the measuring receiver shall be tuned to the frequency of the transmitter under test.
6. The test antenna shall be raised and lowered through the specified range of height until the maximum signal level is detected by the measuring receiver.
7. The transmitter shall be rotated through 360° in the horizontal plane, until the maximum signal level is detected by the measuring receiver.
8. The test antenna shall be raised and lowered again through the specified range of height until the maximum signal level is detected by the measuring receiver.
9. The maximum signal level detected by the measuring receiver shall be noted.
10. The EUT was replaced by half-wave dipole (824 ~ 849 MHz) or horn antenna (1 850 ~ 1 910 MHz) connected to a signal generator.
11. In necessary, the input attenuator setting on the measuring receiver shall be adjusted in order to increase the sensitivity of the measuring receiver.
12. The test antenna shall be raised and lowered through the specified range of height to ensure that the maximum signal is received.
13. The input signal to the substitution antenna shall be adjusted to the level that produces a level detected by the measuring receiver, which is equal to the level noted while the transmitter radiated power was measured, corrected for the change of input attenuator setting of the measuring receiver.
14. The input level to the substitution antenna shall be recorded as power level in dBm, corrected for any change of input attenuator setting of the measuring receiver.
15. The measurement shall be repeated with the test antenna and the substitution antenna orientated for horizontal polarization.

Note: Reference test setup 4.4.3 and 4.4.4 (Diagram 3, 4)

5.7.4 Test Result

Please refer to ANNEX A.7.

ANNEX A TEST RESULT

A.1 Transmitter Radiated Power (EIRP/ERP)

GSM Mode Test Data

| Test Band | Test Channel | Conducted Output Peak Power (dBm) | Antenna Gain (dBi) | Antenna Gain (dBd) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|-----------|--------------|-----------------------------------|--------------------|--------------------|-----------|---------|-----------|---------|
| GSM 850 | LCH | 32.90 | 0.16 | -1.99 | 30.91 | 1.23 | 7.00 | Pass |
| | MCH | 32.96 | 0.16 | -1.99 | 30.97 | 1.25 | 7.00 | Pass |
| | HCH | 32.96 | 0.16 | -1.99 | 30.97 | 1.25 | 7.00 | Pass |
| GPRS 850 | LCH | 33.90 | 0.16 | -1.99 | 31.91 | 1.55 | 7.00 | Pass |
| | MCH | 33.87 | 0.16 | -1.99 | 31.88 | 1.54 | 7.00 | Pass |
| | HCH | 33.89 | 0.16 | -1.99 | 31.90 | 1.55 | 7.00 | Pass |
| EGPRS 850 | LCH | 30.63 | 0.16 | -1.99 | 28.64 | 0.73 | 7.00 | Pass |
| | MCH | 30.56 | 0.16 | -1.99 | 28.57 | 0.72 | 7.00 | Pass |
| | HCH | 30.69 | 0.16 | -1.99 | 28.70 | 0.74 | 7.00 | Pass |

| Test Band | Test Channel | Conducted Output Peak Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|------------|--------------|-----------------------------------|--------------------|------------|----------|-----------|---------|
| GSM 1900 | LCH | 29.91 | 0.6 | 30.51 | 1.12 | 2.00 | Pass |
| | MCH | 30.01 | 0.6 | 30.61 | 1.15 | 2.00 | Pass |
| | HCH | 30.10 | 0.6 | 30.70 | 1.17 | 2.00 | Pass |
| GPRS 1900 | LCH | 30.90 | 0.6 | 31.50 | 1.41 | 2.00 | Pass |
| | MCH | 30.95 | 0.6 | 31.55 | 1.43 | 2.00 | Pass |
| | HCH | 30.97 | 0.6 | 31.57 | 1.44 | 2.00 | Pass |
| EGPRS 1900 | LCH | 29.39 | 0.6 | 29.99 | 1.00 | 2.00 | Pass |
| | MCH | 29.43 | 0.6 | 30.03 | 1.01 | 2.00 | Pass |
| | HCH | 29.53 | 0.6 | 30.13 | 1.03 | 2.00 | Pass |

Note 1: For the GPRS and EGPRS mode, all the slots were tested and just the worst data was record in this table.

Note 2: $ERP/EIRP = P_{Meas} + GT - LC$

ERP/EIRP = effective or equivalent radiated power, respectively (expressed in the same units as P_{Meas} , typically dBW or dBm);

P_{Meas} = measured transmitter output power or PSD, in dBm or dBW;

GT = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);

LC = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

$ERP = EIRP - 2.15$; where ERP and EIRP are expressed in consistent units.

GPRS Conducted output power

| Band | Channel | Conducted Output Peak Power | | | | | | | |
|-----------|---------|-----------------------------|------------|--------------|------------|--------------|------------|--------------|------------|
| | | Slot 1 (dBm) | Slot 1 (W) | Slot 2 (dBm) | Slot 2 (W) | Slot 3 (dBm) | Slot 3 (W) | Slot 4 (dBm) | Slot 4 (W) |
| GPRS 850 | LCH | 33.90 | 2.45 | 33.13 | 2.05 | 31.36 | 1.37 | 30.31 | 1.07 |
| | MCH | 33.87 | 2.44 | 33.08 | 2.03 | 31.27 | 1.34 | 30.22 | 1.05 |
| | HCH | 33.89 | 2.45 | 33.13 | 2.06 | 31.37 | 1.37 | 30.28 | 1.07 |
| GPRS 1900 | LCH | 30.90 | 1.23 | 30.03 | 1.01 | 27.99 | 0.63 | 26.88 | 0.49 |
| | MCH | 30.95 | 1.24 | 30.08 | 1.02 | 28.03 | 0.63 | 26.97 | 0.50 |
| | HCH | 30.97 | 1.25 | 30.11 | 1.02 | 28.06 | 0.64 | 27.00 | 0.50 |

EGPRS Conducted output power

| Band | Channel | Conducted Output Peak Power | | | | | | | |
|------------|---------|-----------------------------|------------|--------------|------------|--------------|------------|--------------|------------|
| | | Slot 1 (dBm) | Slot 1 (W) | Slot 2 (dBm) | Slot 2 (W) | Slot 3 (dBm) | Slot 3 (W) | Slot 4 (dBm) | Slot 4 (W) |
| EGPRS 850 | LCH | 30.63 | 1.16 | 29.69 | 0.93 | 27.98 | 0.63 | 26.85 | 0.48 |
| | MCH | 30.56 | 1.14 | 29.66 | 0.93 | 27.83 | 0.61 | 27.05 | 0.51 |
| | HCH | 30.69 | 1.17 | 29.71 | 0.93 | 27.99 | 0.63 | 27.10 | 0.51 |
| EGPRS 1900 | LCH | 29.39 | 0.87 | 28.29 | 0.67 | 26.37 | 0.43 | 25.15 | 0.33 |
| | MCH | 29.43 | 0.88 | 28.43 | 0.70 | 26.38 | 0.43 | 25.37 | 0.34 |
| | HCH | 29.53 | 0.90 | 28.56 | 0.72 | 26.63 | 0.46 | 25.54 | 0.36 |

WCDMA Mode Test data:

| Test Band | Test Channel | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|--------------|--------------|--------------------------------------|--------------------|------------|----------|-----------|---------|
| WCDMA Band 2 | LCH | 23.15 | 0.6 | 23.75 | 0.24 | 2.00 | Pass |
| | MCH | 23.23 | 0.6 | 23.83 | 0.24 | 2.00 | Pass |
| | HCH | 23.17 | 0.6 | 23.77 | 0.24 | 2.00 | Pass |
| HSDPA Band 2 | LCH | 22.18 | 0.6 | 22.78 | 0.19 | 2.00 | Pass |
| | MCH | 22.22 | 0.6 | 22.82 | 0.19 | 2.00 | Pass |
| | HCH | 22.20 | 0.6 | 22.80 | 0.19 | 2.00 | Pass |
| HSUPA Band 2 | LCH | 22.99 | 0.6 | 23.59 | 0.23 | 2.00 | Pass |
| | MCH | 22.26 | 0.6 | 22.86 | 0.19 | 2.00 | Pass |
| | HCH | 22.24 | 0.6 | 22.84 | 0.19 | 2.00 | Pass |

| Test Band | Test Channel | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|--------------|--------------|--------------------------------------|--------------------|------------|----------|-----------|---------|
| WCDMA Band 4 | LCH | 24.05 | 0.8 | 24.85 | 0.31 | 1.00 | Pass |
| | MCH | 23.81 | 0.8 | 24.61 | 0.29 | 1.00 | Pass |
| | HCH | 25.70 | 0.8 | 26.50 | 0.45 | 1.00 | Pass |
| HSDPA Band 4 | LCH | 22.97 | 0.8 | 23.77 | 0.24 | 1.00 | Pass |
| | MCH | 22.82 | 0.8 | 23.62 | 0.23 | 1.00 | Pass |
| | HCH | 22.67 | 0.8 | 23.47 | 0.22 | 1.00 | Pass |
| HSUPA Band 4 | LCH | 22.99 | 0.8 | 23.79 | 0.24 | 1.00 | Pass |
| | MCH | 22.85 | 0.8 | 23.65 | 0.23 | 1.00 | Pass |
| | HCH | 22.78 | 0.8 | 23.58 | 0.23 | 1.00 | Pass |

| Test Band | Test Channel | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | Antenna Gain (dBd) | ERP (dBm) | ERP (W) | Limit (W) | Verdict |
|--------------|--------------|--------------------------------------|--------------------|--------------------|-----------|---------|-----------|---------|
| WCDMA Band 5 | LCH | 22.97 | 0.16 | -1.99 | 20.98 | 0.13 | 7.00 | Pass |
| | MCH | 22.96 | 0.16 | -1.99 | 20.97 | 0.13 | 7.00 | Pass |
| | HCH | 23.06 | 0.16 | -1.99 | 21.07 | 0.13 | 7.00 | Pass |
| HSDPA Band 5 | LCH | 22.03 | 0.16 | -1.99 | 20.04 | 0.10 | 7.00 | Pass |
| | MCH | 22.92 | 0.16 | -1.99 | 20.93 | 0.12 | 7.00 | Pass |
| | HCH | 22.05 | 0.16 | -1.99 | 20.06 | 0.10 | 7.00 | Pass |
| HSUPA Band 5 | LCH | 22.00 | 0.16 | -1.99 | 20.01 | 0.10 | 7.00 | Pass |
| | MCH | 21.92 | 0.16 | -1.99 | 19.93 | 0.10 | 7.00 | Pass |
| | HCH | 22.07 | 0.16 | -1.99 | 20.08 | 0.10 | 7.00 | Pass |

Note 2: For the HSDPA and HSUPA mode, all the subtests were tested and just the worst data was record in this table.

Note 2: $ERP/EIRP = P_{Meas} + GT - LC$

ERP/EIRP = effective or equivalent radiated power, respectively (expressed in the same units as P_{Meas} , typically dBW or dBm);

P_{Meas} = measured transmitter output power or PSD, in dBm or dBW;

GT = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);

LC = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

$ERP = EIRP - 2.15$; where ERP and EIRP are expressed in consistent units.

HSDPA Conducted output power

| Band | Channel | Conducted Output Average Power (dBm) | | | | | | | |
|--------------|---------|--------------------------------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|
| | | Subtest 1(dBm) | Subtest 1(W) | Subtest 2(dBm) | Subtest 2(W) | Subtest 3(dBm) | Subtest 3(W) | Subtest 4(dBm) | Subtest 4(W) |
| HSDPA Band 2 | LCH | 22.18 | 0.17 | 22.18 | 0.17 | 21.76 | 0.15 | 21.76 | 0.15 |
| | MCH | 22.17 | 0.16 | 22.22 | 0.17 | 21.77 | 0.15 | 21.74 | 0.15 |
| | HCH | 22.15 | 0.16 | 22.2 | 0.17 | 21.77 | 0.15 | 21.75 | 0.15 |
| HSDPA Band 4 | LCH | 22.97 | 0.20 | 22.92 | 0.20 | 22.47 | 0.18 | 22.48 | 0.18 |
| | MCH | 22.77 | 0.19 | 22.82 | 0.19 | 22.35 | 0.17 | 22.32 | 0.17 |
| | HCH | 22.67 | 0.18 | 22.66 | 0.18 | 22.21 | 0.17 | 22.22 | 0.17 |
| HSDPA Band 5 | LCH | 21.91 | 0.16 | 22.03 | 0.16 | 21.51 | 0.14 | 21.48 | 0.14 |
| | MCH | 21.89 | 0.15 | 21.92 | 0.16 | 21.44 | 0.14 | 21.42 | 0.14 |
| | HCH | 22.05 | 0.16 | 22.05 | 0.16 | 21.56 | 0.14 | 21.59 | 0.14 |

HSUPA Conducted output power

| Band | Channel | Conducted Output Average Power | | | | | | | | | |
|--------------|---------|--------------------------------|------|----------|------|----------|------|----------|------|----------|------|
| | | Subtest1 | | Subtest2 | | Subtest3 | | Subtest4 | | Subtest5 | |
| | | (dBm) | (W) | (dBm) | (W) | (dBm) | (W) | (dBm) | (W) | (dBm) | (W) |
| HSUPA Band 2 | LCH | 21.14 | 0.13 | 21.08 | 0.13 | 22.07 | 0.16 | 20.53 | 0.11 | 22.99 | 0.20 |
| | MCH | 20.43 | 0.11 | 20.37 | 0.11 | 21.38 | 0.14 | 19.86 | 0.10 | 22.26 | 0.17 |
| | HCH | 20.28 | 0.11 | 20.35 | 0.11 | 21.29 | 0.13 | 19.8 | 0.10 | 22.24 | 0.17 |
| HSUPA Band 4 | LCH | 21.14 | 0.13 | 21.08 | 0.13 | 22.07 | 0.16 | 20.53 | 0.11 | 22.99 | 0.20 |
| | MCH | 20.99 | 0.13 | 20.92 | 0.12 | 21.96 | 0.16 | 20.35 | 0.11 | 22.85 | 0.19 |
| | HCH | 20.92 | 0.12 | 20.83 | 0.12 | 21.86 | 0.15 | 20.39 | 0.11 | 22.78 | 0.19 |
| HSUPA Band 5 | LCH | 19.05 | 0.08 | 20.04 | 0.10 | 21.04 | 0.13 | 19.54 | 0.09 | 22 | 0.16 |
| | MCH | 19.97 | 0.10 | 19.99 | 0.10 | 20.97 | 0.13 | 19.43 | 0.09 | 21.92 | 0.16 |
| | HCH | 20.05 | 0.10 | 20.11 | 0.10 | 21.08 | 0.13 | 19.58 | 0.09 | 22.07 | 0.16 |

LTE Mode Test data:

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|
| Band 2 | QPSK | 1.4 MHz | LCH | RB1#0 | 23.18 | 0.6 | 23.78 | 0.24 | 2.00 | Pass |
| | | | | RB1#3 | 23.23 | 0.6 | 23.83 | 0.24 | 2.00 | Pass |
| | | | | RB1#5 | 23.19 | 0.6 | 23.79 | 0.24 | 2.00 | Pass |
| | | | | RB3#0 | 23.27 | 0.6 | 23.87 | 0.24 | 2.00 | Pass |
| | | | | RB3#2 | 23.26 | 0.6 | 23.86 | 0.24 | 2.00 | Pass |
| | | | | RB3#3 | 23.27 | 0.6 | 23.87 | 0.24 | 2.00 | Pass |
| | | | | RB6#0 | 22.13 | 0.6 | 22.73 | 0.19 | 2.00 | Pass |
| | | | MCH | RB1#0 | 23.19 | 0.6 | 23.79 | 0.24 | 2.00 | Pass |
| | | | | RB1#3 | 23.29 | 0.6 | 23.89 | 0.24 | 2.00 | Pass |
| | | | | RB1#5 | 23.21 | 0.6 | 23.81 | 0.24 | 2.00 | Pass |
| | | | | RB3#0 | 23.25 | 0.6 | 23.85 | 0.24 | 2.00 | Pass |
| | | | | RB3#2 | 23.27 | 0.6 | 23.87 | 0.24 | 2.00 | Pass |
| | | | | RB3#3 | 23.27 | 0.6 | 23.87 | 0.24 | 2.00 | Pass |
| | | | | RB6#0 | 22.19 | 0.6 | 22.79 | 0.19 | 2.00 | Pass |
| | | | HCH | RB1#0 | 23.26 | 0.6 | 23.86 | 0.24 | 2.00 | Pass |
| | | | | RB1#3 | 23.38 | 0.6 | 23.98 | 0.25 | 2.00 | Pass |
| | | | | RB1#5 | 23.32 | 0.6 | 23.92 | 0.25 | 2.00 | Pass |
| | | | | RB3#0 | 23.27 | 0.6 | 23.87 | 0.24 | 2.00 | Pass |
| | | | | RB3#2 | 23.3 | 0.6 | 23.90 | 0.25 | 2.00 | Pass |
| | | | | RB3#3 | 23.3 | 0.6 | 23.90 | 0.25 | 2.00 | Pass |
| | | | | RB6#0 | 22.32 | 0.6 | 22.92 | 0.20 | 2.00 | Pass |
| | | 3 MHz | LCH | RB1#0 | 23.19 | 0.6 | 23.79 | 0.24 | 2.00 | Pass |
| | | | | RB1#7 | 23.27 | 0.6 | 23.87 | 0.24 | 2.00 | Pass |
| | | | | RB1#14 | 23.19 | 0.6 | 23.79 | 0.24 | 2.00 | Pass |
| | | | | RB8#0 | 22.25 | 0.6 | 22.85 | 0.19 | 2.00 | Pass |
| | | | | RB8#4 | 22.24 | 0.6 | 22.84 | 0.19 | 2.00 | Pass |
| | | | | RB8#7 | 22.24 | 0.6 | 22.84 | 0.19 | 2.00 | Pass |
| | | | | RB15#0 | 22.27 | 0.6 | 22.87 | 0.19 | 2.00 | Pass |
| | | | MCH | RB1#0 | 23.19 | 0.6 | 23.79 | 0.24 | 2.00 | Pass |
| | | | | RB1#7 | 23.26 | 0.6 | 23.86 | 0.24 | 2.00 | Pass |
| | | | | RB1#14 | 23.17 | 0.6 | 23.77 | 0.24 | 2.00 | Pass |
| | | | | RB8#0 | 22.25 | 0.6 | 22.85 | 0.19 | 2.00 | Pass |
| | | | | RB8#4 | 22.24 | 0.6 | 22.84 | 0.19 | 2.00 | Pass |
| | | | | RB8#7 | 22.23 | 0.6 | 22.83 | 0.19 | 2.00 | Pass |
| | | | | RB15#0 | 22.21 | 0.6 | 22.81 | 0.19 | 2.00 | Pass |
| | | | HCH | RB1#0 | 23.2 | 0.6 | 23.80 | 0.24 | 2.00 | Pass |
| RB1#7 | 23.29 | 0.6 | | 23.89 | 0.24 | 2.00 | Pass | | | |
| RB1#14 | 23.27 | 0.6 | | 23.87 | 0.24 | 2.00 | Pass | | | |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict | |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|------|
| | | | | RB8#0 | 22.3 | 0.6 | 22.90 | 0.19 | 2.00 | Pass | |
| | | | | RB8#4 | 22.34 | 0.6 | 22.94 | 0.20 | 2.00 | Pass | |
| | | | | RB8#7 | 22.33 | 0.6 | 22.93 | 0.20 | 2.00 | Pass | |
| | | | | RB15#0 | 22.27 | 0.6 | 22.87 | 0.19 | 2.00 | Pass | |
| | | 5 MHz | LCH | RB1#0 | 23.21 | 0.6 | 23.81 | 0.24 | 2.00 | Pass | |
| | | | | RB1#13 | 23.24 | 0.6 | 23.84 | 0.24 | 2.00 | Pass | |
| | | | | RB1#24 | 23.19 | 0.6 | 23.79 | 0.24 | 2.00 | Pass | |
| | | | | RB12#0 | 22.3 | 0.6 | 22.90 | 0.19 | 2.00 | Pass | |
| | | | | RB12#6 | 22.29 | 0.6 | 22.89 | 0.19 | 2.00 | Pass | |
| | | | | RB12#13 | 22.29 | 0.6 | 22.89 | 0.19 | 2.00 | Pass | |
| | | | | RB25#0 | 22.23 | 0.6 | 22.83 | 0.19 | 2.00 | Pass | |
| | | | | MCH | RB1#0 | 23.16 | 0.6 | 23.76 | 0.24 | 2.00 | Pass |
| | | | | | RB1#13 | 23.14 | 0.6 | 23.74 | 0.24 | 2.00 | Pass |
| | | | | | RB1#24 | 23.11 | 0.6 | 23.71 | 0.23 | 2.00 | Pass |
| | | | | | RB12#0 | 22.18 | 0.6 | 22.78 | 0.19 | 2.00 | Pass |
| | | | | | RB12#6 | 22.14 | 0.6 | 22.74 | 0.19 | 2.00 | Pass |
| | | | RB12#13 | | 22.16 | 0.6 | 22.76 | 0.19 | 2.00 | Pass | |
| | | | HCH | RB25#0 | 22.1 | 0.6 | 22.70 | 0.19 | 2.00 | Pass | |
| | | | | RB1#0 | 23.28 | 0.6 | 23.88 | 0.24 | 2.00 | Pass | |
| | | | | RB1#13 | 23.35 | 0.6 | 23.95 | 0.25 | 2.00 | Pass | |
| | | | | RB1#24 | 23.36 | 0.6 | 23.96 | 0.25 | 2.00 | Pass | |
| | | | | RB12#0 | 22.26 | 0.6 | 22.86 | 0.19 | 2.00 | Pass | |
| | | | | RB12#6 | 22.29 | 0.6 | 22.89 | 0.19 | 2.00 | Pass | |
| | | | 10 MHz | LCH | RB12#13 | 22.3 | 0.6 | 22.90 | 0.19 | 2.00 | Pass |
| | | | | | RB25#0 | 22.2 | 0.6 | 22.80 | 0.19 | 2.00 | Pass |
| | | | | | RB1#0 | 23.29 | 0.6 | 23.89 | 0.24 | 2.00 | Pass |
| | | | | | RB1#25 | 23.27 | 0.6 | 23.87 | 0.24 | 2.00 | Pass |
| | | | | | RB1#49 | 23.31 | 0.6 | 23.91 | 0.25 | 2.00 | Pass |
| | | RB25#0 | | | 22.26 | 0.6 | 22.86 | 0.19 | 2.00 | Pass | |
| | | RB25#13 | | | 22.26 | 0.6 | 22.86 | 0.19 | 2.00 | Pass | |
| | | MCH | | RB25#25 | 22.26 | 0.6 | 22.86 | 0.19 | 2.00 | Pass | |
| | | | | RB50#0 | 22.3 | 0.6 | 22.90 | 0.19 | 2.00 | Pass | |
| RB1#0 | 23.3 | | | 0.6 | 23.90 | 0.25 | 2.00 | Pass | | | |
| RB1#25 | 23.28 | | | 0.6 | 23.88 | 0.24 | 2.00 | Pass | | | |
| RB1#49 | 23.24 | | | 0.6 | 23.84 | 0.24 | 2.00 | Pass | | | |
| RB25#0 | 22.21 | | | 0.6 | 22.81 | 0.19 | 2.00 | Pass | | | |
| RB25#13 | 22.23 | | | 0.6 | 22.83 | 0.19 | 2.00 | Pass | | | |
| RB25#25 | 22.21 | 0.6 | 22.81 | 0.19 | 2.00 | Pass | | | | | |
| RB50#0 | 22.23 | 0.6 | 22.83 | 0.19 | 2.00 | Pass | | | | | |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|
| | | 15 MHz | HCH | RB1#0 | 23.17 | 0.6 | 23.77 | 0.24 | 2.00 | Pass |
| | | | | RB1#25 | 23.21 | 0.6 | 23.81 | 0.24 | 2.00 | Pass |
| | | | | RB1#49 | 22.98 | 0.6 | 23.58 | 0.23 | 2.00 | Pass |
| | | | | RB25#0 | 22.12 | 0.6 | 22.72 | 0.19 | 2.00 | Pass |
| | | | | RB25#13 | 22.13 | 0.6 | 22.73 | 0.19 | 2.00 | Pass |
| | | | | RB25#25 | 22.18 | 0.6 | 22.78 | 0.19 | 2.00 | Pass |
| | | | | RB50#0 | 22.15 | 0.6 | 22.75 | 0.19 | 2.00 | Pass |
| | | | LCH | RB1#0 | 23.26 | 0.6 | 23.86 | 0.24 | 2.00 | Pass |
| | | | | RB1#38 | 23.26 | 0.6 | 23.86 | 0.24 | 2.00 | Pass |
| | | | | RB1#74 | 23.25 | 0.6 | 23.85 | 0.24 | 2.00 | Pass |
| | | | | RB36#0 | 22.33 | 0.6 | 22.93 | 0.20 | 2.00 | Pass |
| | | | | RB36#19 | 22.32 | 0.6 | 22.92 | 0.20 | 2.00 | Pass |
| | | | | RB36#39 | 22.32 | 0.6 | 22.92 | 0.20 | 2.00 | Pass |
| | | | | RB75#0 | 22.33 | 0.6 | 22.93 | 0.20 | 2.00 | Pass |
| | | MCH | RB1#0 | 23.32 | 0.6 | 23.92 | 0.25 | 2.00 | Pass | |
| | | | RB1#38 | 23.28 | 0.6 | 23.88 | 0.24 | 2.00 | Pass | |
| | | | RB1#74 | 23.19 | 0.6 | 23.79 | 0.24 | 2.00 | Pass | |
| | | | RB36#0 | 22.34 | 0.6 | 22.94 | 0.20 | 2.00 | Pass | |
| | | | RB36#19 | 22.33 | 0.6 | 22.93 | 0.20 | 2.00 | Pass | |
| | | | RB36#39 | 22.29 | 0.6 | 22.89 | 0.19 | 2.00 | Pass | |
| | | | RB75#0 | 22.34 | 0.6 | 22.94 | 0.20 | 2.00 | Pass | |
| | | HCH | RB1#0 | 23.24 | 0.6 | 23.84 | 0.24 | 2.00 | Pass | |
| | | | RB1#38 | 23.27 | 0.6 | 23.87 | 0.24 | 2.00 | Pass | |
| | | | RB1#74 | 23.24 | 0.6 | 23.84 | 0.24 | 2.00 | Pass | |
| | | | RB36#0 | 22.27 | 0.6 | 22.87 | 0.19 | 2.00 | Pass | |
| | | | RB36#19 | 22.29 | 0.6 | 22.89 | 0.19 | 2.00 | Pass | |
| | | | RB36#39 | 22.33 | 0.6 | 22.93 | 0.20 | 2.00 | Pass | |
| | | | RB75#0 | 22.28 | 0.6 | 22.88 | 0.19 | 2.00 | Pass | |
| | | 20 MHz | LCH | RB1#0 | 23.24 | 0.6 | 23.84 | 0.24 | 2.00 | Pass |
| | | | | RB1#50 | 23.23 | 0.6 | 23.83 | 0.24 | 2.00 | Pass |
| | | | | RB1#99 | 23.28 | 0.6 | 23.88 | 0.24 | 2.00 | Pass |
| | | | | RB50#0 | 22.34 | 0.6 | 22.94 | 0.20 | 2.00 | Pass |
| | | | | RB50#25 | 22.29 | 0.6 | 22.89 | 0.19 | 2.00 | Pass |
| | | | | RB50#50 | 22.31 | 0.6 | 22.91 | 0.20 | 2.00 | Pass |
| | | | | RB100#0 | 22.3 | 0.6 | 22.90 | 0.19 | 2.00 | Pass |
| | | | MCH | RB1#0 | 23.34 | 0.6 | 23.94 | 0.25 | 2.00 | Pass |
| | | | | RB1#50 | 23.29 | 0.6 | 23.89 | 0.24 | 2.00 | Pass |
| | | | | RB1#99 | 23.18 | 0.6 | 23.78 | 0.24 | 2.00 | Pass |
| | | | | RB50#0 | 22.28 | 0.6 | 22.88 | 0.19 | 2.00 | Pass |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict | |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|------|
| 16-QAM | | | | RB50#25 | 22.25 | 0.6 | 22.85 | 0.19 | 2.00 | Pass | |
| | | | | RB50#50 | 22.21 | 0.6 | 22.81 | 0.19 | 2.00 | Pass | |
| | | | | RB100#0 | 22.25 | 0.6 | 22.85 | 0.19 | 2.00 | Pass | |
| | | | HCH | RB1#0 | 23.19 | 0.6 | 23.79 | 0.24 | 2.00 | Pass | |
| | | | | RB1#50 | 23.19 | 0.6 | 23.79 | 0.24 | 2.00 | Pass | |
| | | | | RB1#99 | 23.14 | 0.6 | 23.74 | 0.24 | 2.00 | Pass | |
| | | | | RB50#0 | 22.12 | 0.6 | 22.72 | 0.19 | 2.00 | Pass | |
| | | | | RB50#25 | 22.07 | 0.6 | 22.67 | 0.18 | 2.00 | Pass | |
| | | | | RB50#50 | 22.12 | 0.6 | 22.72 | 0.19 | 2.00 | Pass | |
| | | | | RB100#0 | 22.08 | 0.6 | 22.68 | 0.19 | 2.00 | Pass | |
| | | | | LCH | RB1#0 | 22.25 | 0.6 | 22.85 | 0.19 | 2.00 | Pass |
| | | | | | RB1#3 | 22.33 | 0.6 | 22.93 | 0.20 | 2.00 | Pass |
| | | | RB1#5 | | 22.27 | 0.6 | 22.87 | 0.19 | 2.00 | Pass | |
| | | | RB3#0 | | 22.3 | 0.6 | 22.90 | 0.19 | 2.00 | Pass | |
| | | | RB3#2 | | 22.29 | 0.6 | 22.89 | 0.19 | 2.00 | Pass | |
| | | | RB3#3 | | 22.33 | 0.6 | 22.93 | 0.20 | 2.00 | Pass | |
| | RB6#0 | 21.34 | 0.6 | | 21.94 | 0.16 | 2.00 | Pass | | | |
| | MCH | RB1#0 | 22.5 | 0.6 | 23.10 | 0.20 | 2.00 | Pass | | | |
| | | RB1#3 | 22.55 | 0.6 | 23.15 | 0.21 | 2.00 | Pass | | | |
| | | RB1#5 | 22.51 | 0.6 | 23.11 | 0.20 | 2.00 | Pass | | | |
| | | RB3#0 | 22.39 | 0.6 | 22.99 | 0.20 | 2.00 | Pass | | | |
| | | RB3#2 | 22.39 | 0.6 | 22.99 | 0.20 | 2.00 | Pass | | | |
| | | RB3#3 | 22.41 | 0.6 | 23.01 | 0.20 | 2.00 | Pass | | | |
| | | RB6#0 | 21.13 | 0.6 | 21.73 | 0.15 | 2.00 | Pass | | | |
| | HCH | RB1#0 | 22.16 | 0.6 | 22.76 | 0.19 | 2.00 | Pass | | | |
| | | RB1#3 | 22.22 | 0.6 | 22.82 | 0.19 | 2.00 | Pass | | | |
| | | RB1#5 | 22.21 | 0.6 | 22.81 | 0.19 | 2.00 | Pass | | | |
| | | RB3#0 | 22.39 | 0.6 | 22.99 | 0.20 | 2.00 | Pass | | | |
| | | RB3#2 | 22.39 | 0.6 | 22.99 | 0.20 | 2.00 | Pass | | | |
| | | RB3#3 | 22.39 | 0.6 | 22.99 | 0.20 | 2.00 | Pass | | | |
| | | RB6#0 | 21.41 | 0.6 | 22.01 | 0.16 | 2.00 | Pass | | | |
| | 3 MHz | LCH | RB1#0 | 22.08 | 0.6 | 22.68 | 0.19 | 2.00 | Pass | | |
| RB1#7 | | | 22.14 | 0.6 | 22.74 | 0.19 | 2.00 | Pass | | | |
| RB1#14 | | | 22.06 | 0.6 | 22.66 | 0.18 | 2.00 | Pass | | | |
| RB8#0 | | | 21.41 | 0.6 | 22.01 | 0.16 | 2.00 | Pass | | | |
| RB8#4 | | | 21.43 | 0.6 | 22.03 | 0.16 | 2.00 | Pass | | | |
| RB8#7 | | | 21.42 | 0.6 | 22.02 | 0.16 | 2.00 | Pass | | | |
| RB15#0 | | | 21.37 | 0.6 | 21.97 | 0.16 | 2.00 | Pass | | | |
| MCH | | RB1#0 | 22.48 | 0.6 | 23.08 | 0.20 | 2.00 | Pass | | | |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|
| | | 5 MHz | | RB1#7 | 22.54 | 0.6 | 23.14 | 0.21 | 2.00 | Pass |
| | | | | RB1#14 | 22.46 | 0.6 | 23.06 | 0.20 | 2.00 | Pass |
| | | | | RB8#0 | 21.33 | 0.6 | 21.93 | 0.16 | 2.00 | Pass |
| | | | | RB8#4 | 21.34 | 0.6 | 21.94 | 0.16 | 2.00 | Pass |
| | | | | RB8#7 | 21.33 | 0.6 | 21.93 | 0.16 | 2.00 | Pass |
| | | | | RB15#0 | 21.27 | 0.6 | 21.87 | 0.15 | 2.00 | Pass |
| | | | HCH | RB1#0 | 22.12 | 0.6 | 22.72 | 0.19 | 2.00 | Pass |
| | | | | RB1#7 | 22.17 | 0.6 | 22.77 | 0.19 | 2.00 | Pass |
| | | | | RB1#14 | 22.12 | 0.6 | 22.72 | 0.19 | 2.00 | Pass |
| | | | | RB8#0 | 21.31 | 0.6 | 21.91 | 0.16 | 2.00 | Pass |
| | | | | RB8#4 | 21.34 | 0.6 | 21.94 | 0.16 | 2.00 | Pass |
| | | | | RB8#7 | 21.33 | 0.6 | 21.93 | 0.16 | 2.00 | Pass |
| | | | LCH | RB1#0 | 22.41 | 0.6 | 23.01 | 0.20 | 2.00 | Pass |
| | | | | RB1#13 | 22.41 | 0.6 | 23.01 | 0.20 | 2.00 | Pass |
| | | RB1#24 | | 22.41 | 0.6 | 23.01 | 0.20 | 2.00 | Pass | |
| | | RB12#0 | | 21.47 | 0.6 | 22.07 | 0.16 | 2.00 | Pass | |
| | | RB12#6 | | 21.45 | 0.6 | 22.05 | 0.16 | 2.00 | Pass | |
| | | RB12#13 | | 21.48 | 0.6 | 22.08 | 0.16 | 2.00 | Pass | |
| | | RB25#0 | | 21.38 | 0.6 | 21.98 | 0.16 | 2.00 | Pass | |
| | | MCH | RB1#0 | 22.59 | 0.6 | 23.19 | 0.21 | 2.00 | Pass | |
| | | | RB1#13 | 22.62 | 0.6 | 23.22 | 0.21 | 2.00 | Pass | |
| | | | RB1#24 | 22.56 | 0.6 | 23.16 | 0.21 | 2.00 | Pass | |
| | | | RB12#0 | 21.35 | 0.6 | 21.95 | 0.16 | 2.00 | Pass | |
| | | | RB12#6 | 21.34 | 0.6 | 21.94 | 0.16 | 2.00 | Pass | |
| | | | RB12#13 | 21.33 | 0.6 | 21.93 | 0.16 | 2.00 | Pass | |
| | | HCH | RB25#0 | 21.22 | 0.6 | 21.82 | 0.15 | 2.00 | Pass | |
| | | | RB1#0 | 22.22 | 0.6 | 22.82 | 0.19 | 2.00 | Pass | |
| | | | RB1#13 | 22.29 | 0.6 | 22.89 | 0.19 | 2.00 | Pass | |
| | | | RB1#24 | 22.3 | 0.6 | 22.90 | 0.19 | 2.00 | Pass | |
| | | | RB12#0 | 21.33 | 0.6 | 21.93 | 0.16 | 2.00 | Pass | |
| | | | RB12#6 | 21.35 | 0.6 | 21.95 | 0.16 | 2.00 | Pass | |
| | | 10 MHz | LCH | RB12#13 | 21.37 | 0.6 | 21.97 | 0.16 | 2.00 | Pass |
| | | | | RB25#0 | 21.19 | 0.6 | 21.79 | 0.15 | 2.00 | Pass |
| | | | | RB1#0 | 22.15 | 0.6 | 22.75 | 0.19 | 2.00 | Pass |
| | | | | RB1#25 | 22.16 | 0.6 | 22.76 | 0.19 | 2.00 | Pass |
| RB1#49 | 22.18 | | | 0.6 | 22.78 | 0.19 | 2.00 | Pass | | |
| | | | RB25#0 | 21.36 | 0.6 | 21.96 | 0.16 | 2.00 | Pass | |
| | | | RB25#13 | 21.4 | 0.6 | 22.00 | 0.16 | 2.00 | Pass | |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict | |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|------|
| | | 15 MHz | | RB25#25 | 21.38 | 0.6 | 21.98 | 0.16 | 2.00 | Pass | |
| | | | | RB50#0 | 21.38 | 0.6 | 21.98 | 0.16 | 2.00 | Pass | |
| | | | MCH | RB1#0 | 22.55 | 0.6 | 23.15 | 0.21 | 2.00 | Pass | |
| | | | | RB1#25 | 22.56 | 0.6 | 23.16 | 0.21 | 2.00 | Pass | |
| | | | | RB1#49 | 22.5 | 0.6 | 23.10 | 0.20 | 2.00 | Pass | |
| | | | | RB25#0 | 21.29 | 0.6 | 21.89 | 0.15 | 2.00 | Pass | |
| | | | | RB25#13 | 21.3 | 0.6 | 21.90 | 0.15 | 2.00 | Pass | |
| | | | | RB25#25 | 21.29 | 0.6 | 21.89 | 0.15 | 2.00 | Pass | |
| | | | HCH | RB50#0 | 21.3 | 0.6 | 21.90 | 0.15 | 2.00 | Pass | |
| | | | | RB1#0 | 22.06 | 0.6 | 22.66 | 0.18 | 2.00 | Pass | |
| | | | | RB1#25 | 22.09 | 0.6 | 22.69 | 0.19 | 2.00 | Pass | |
| | | | | RB1#49 | 22.02 | 0.6 | 22.62 | 0.18 | 2.00 | Pass | |
| | | | | RB25#0 | 21.22 | 0.6 | 21.82 | 0.15 | 2.00 | Pass | |
| | | | | RB25#13 | 21.27 | 0.6 | 21.87 | 0.15 | 2.00 | Pass | |
| | | | 20 MHz | LCH | RB25#25 | 21.3 | 0.6 | 21.90 | 0.15 | 2.00 | Pass |
| | | | | | RB50#0 | 21.22 | 0.6 | 21.82 | 0.15 | 2.00 | Pass |
| | | MCH | | RB1#0 | 22.17 | 0.6 | 22.77 | 0.19 | 2.00 | Pass | |
| | | | | RB1#38 | 22.18 | 0.6 | 22.78 | 0.19 | 2.00 | Pass | |
| | | | | RB1#74 | 22.14 | 0.6 | 22.74 | 0.19 | 2.00 | Pass | |
| | | | | RB36#0 | 21.36 | 0.6 | 21.96 | 0.16 | 2.00 | Pass | |
| | | | | RB36#19 | 21.36 | 0.6 | 21.96 | 0.16 | 2.00 | Pass | |
| | | | | RB36#39 | 21.34 | 0.6 | 21.94 | 0.16 | 2.00 | Pass | |
| | | | | RB75#0 | 21.37 | 0.6 | 21.97 | 0.16 | 2.00 | Pass | |
| | | HCH | | RB1#0 | 22.59 | 0.6 | 23.19 | 0.21 | 2.00 | Pass | |
| | | | | RB1#38 | 22.56 | 0.6 | 23.16 | 0.21 | 2.00 | Pass | |
| | | | | RB1#74 | 22.47 | 0.6 | 23.07 | 0.20 | 2.00 | Pass | |
| | | | | RB36#0 | 21.35 | 0.6 | 21.95 | 0.16 | 2.00 | Pass | |
| | | | | RB36#19 | 21.36 | 0.6 | 21.96 | 0.16 | 2.00 | Pass | |
| | | | | RB36#39 | 21.33 | 0.6 | 21.93 | 0.16 | 2.00 | Pass | |
| | | | | RB75#0 | 21.34 | 0.6 | 21.94 | 0.16 | 2.00 | Pass | |
| | | LCH | RB1#0 | 22.41 | 0.6 | 23.01 | 0.20 | 2.00 | Pass | | |
| | | | RB1#50 | 22.82 | 0.6 | 23.42 | 0.22 | 2.00 | Pass | | |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict | | | |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|------|------|------|
| | | | | RB1#99 | 22.78 | 0.6 | 23.38 | 0.22 | 2.00 | Pass | | | |
| | | | | RB50#0 | 21.45 | 0.6 | 22.05 | 0.16 | 2.00 | Pass | | | |
| | | | | RB50#25 | 21.41 | 0.6 | 22.01 | 0.16 | 2.00 | Pass | | | |
| | | | | RB50#50 | 21.4 | 0.6 | 22.00 | 0.16 | 2.00 | Pass | | | |
| | | | | RB100#0 | 21.4 | 0.6 | 22.00 | 0.16 | 2.00 | Pass | | | |
| | | | MCH | RB1#0 | 22.67 | 0.6 | 23.27 | 0.21 | 2.00 | Pass | | | |
| | | | | RB1#50 | 22.62 | 0.6 | 23.22 | 0.21 | 2.00 | Pass | | | |
| | | | | RB1#99 | 22.51 | 0.6 | 23.11 | 0.20 | 2.00 | Pass | | | |
| | | | | RB50#0 | 21.33 | 0.6 | 21.93 | 0.16 | 2.00 | Pass | | | |
| | | | | RB50#25 | 21.31 | 0.6 | 21.91 | 0.16 | 2.00 | Pass | | | |
| | | | | RB50#50 | 21.27 | 0.6 | 21.87 | 0.15 | 2.00 | Pass | | | |
| | | | HCH | RB100#0 | 21.3 | 0.6 | 21.90 | 0.15 | 2.00 | Pass | | | |
| | | | | RB1#0 | 22.5 | 0.6 | 23.10 | 0.20 | 2.00 | Pass | | | |
| | | | | RB1#50 | 22.34 | 0.6 | 22.94 | 0.20 | 2.00 | Pass | | | |
| | | | | RB1#99 | 22.46 | 0.6 | 23.06 | 0.20 | 2.00 | Pass | | | |
| | | | | RB50#0 | 21.12 | 0.6 | 21.72 | 0.15 | 2.00 | Pass | | | |
| | | | | RB50#25 | 21.06 | 0.6 | 21.66 | 0.15 | 2.00 | Pass | | | |
| | | | Band 4 | QPSK | 1.4 MHz | LCH | RB50#50 | 21.13 | 0.6 | 21.73 | 0.15 | 2.00 | Pass |
| | | | | | | | RB100#0 | 21.12 | 0.6 | 21.72 | 0.15 | 2.00 | Pass |
| | | | | | | | RB1#0 | 23.38 | 0.8 | 24.18 | 0.26 | 1.00 | Pass |
| | | | | | | | RB1#3 | 23.3 | 0.8 | 24.10 | 0.26 | 1.00 | Pass |
| RB1#5 | 23.32 | 0.8 | | | | | 24.12 | 0.26 | 1.00 | Pass | | | |
| RB3#0 | 23.32 | 0.8 | | | | | 24.12 | 0.26 | 1.00 | Pass | | | |
| RB3#2 | 23.35 | 0.8 | | | | | 24.15 | 0.26 | 1.00 | Pass | | | |
| MCH | RB3#3 | 23.38 | | | | 0.8 | 24.18 | 0.26 | 1.00 | Pass | | | |
| | RB6#0 | 22.27 | | | | 0.8 | 23.07 | 0.20 | 1.00 | Pass | | | |
| | RB1#0 | 23.3 | | | | 0.8 | 24.10 | 0.26 | 1.00 | Pass | | | |
| | RB1#3 | 23.39 | | | | 0.8 | 24.19 | 0.26 | 1.00 | Pass | | | |
| | RB1#5 | 23.29 | | | | 0.8 | 24.09 | 0.26 | 1.00 | Pass | | | |
| | RB3#0 | 23.39 | | | | 0.8 | 24.19 | 0.26 | 1.00 | Pass | | | |
| | RB3#2 | 23.37 | | | | 0.8 | 24.17 | 0.26 | 1.00 | Pass | | | |
| HCH | RB3#3 | 23.39 | | | | 0.8 | 24.19 | 0.26 | 1.00 | Pass | | | |
| | RB6#0 | 22.27 | | | | 0.8 | 23.07 | 0.20 | 1.00 | Pass | | | |
| | RB1#0 | 23.01 | | | | 0.8 | 23.81 | 0.24 | 1.00 | Pass | | | |
| | RB1#3 | 23.09 | | | | 0.8 | 23.89 | 0.24 | 1.00 | Pass | | | |
| | RB1#5 | 23.02 | | | | 0.8 | 23.82 | 0.24 | 1.00 | Pass | | | |
| | RB3#0 | 23.1 | | | | 0.8 | 23.90 | 0.25 | 1.00 | Pass | | | |
| | RB3#2 | 23.1 | | | | 0.8 | 23.90 | 0.25 | 1.00 | Pass | | | |
| | RB3#3 | 23.12 | 0.8 | 23.92 | 0.25 | 1.00 | Pass | | | | | | |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict | | |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|------|------|
| | | 3 MHz | LCH | RB6#0 | 22.04 | 0.8 | 22.84 | 0.19 | 1.00 | Pass | | |
| | | | | RB1#0 | 23.21 | 0.8 | 24.01 | 0.25 | 1.00 | Pass | | |
| | | | | RB1#7 | 23.3 | 0.8 | 24.10 | 0.26 | 1.00 | Pass | | |
| | | | | RB1#14 | 23.22 | 0.8 | 24.02 | 0.25 | 1.00 | Pass | | |
| | | | | RB8#0 | 22.33 | 0.8 | 23.13 | 0.21 | 1.00 | Pass | | |
| | | | | RB8#4 | 22.36 | 0.8 | 23.16 | 0.21 | 1.00 | Pass | | |
| | | | | RB8#7 | 22.34 | 0.8 | 23.14 | 0.21 | 1.00 | Pass | | |
| | | | | RB15#0 | 22.31 | 0.8 | 23.11 | 0.20 | 1.00 | Pass | | |
| | | | MCH | RB1#0 | 23.28 | 0.8 | 24.08 | 0.26 | 1.00 | Pass | | |
| | | | | RB1#7 | 23.35 | 0.8 | 24.15 | 0.26 | 1.00 | Pass | | |
| | | | | RB1#14 | 23.27 | 0.8 | 24.07 | 0.26 | 1.00 | Pass | | |
| | | | | RB8#0 | 22.35 | 0.8 | 23.15 | 0.21 | 1.00 | Pass | | |
| | | | | RB8#4 | 22.37 | 0.8 | 23.17 | 0.21 | 1.00 | Pass | | |
| | | | | RB8#7 | 22.36 | 0.8 | 23.16 | 0.21 | 1.00 | Pass | | |
| | | | HCH | RB15#0 | 22.31 | 0.8 | 23.11 | 0.20 | 1.00 | Pass | | |
| | | | | RB1#0 | 23.02 | 0.8 | 23.82 | 0.24 | 1.00 | Pass | | |
| | | | | RB1#7 | 23.06 | 0.8 | 23.86 | 0.24 | 1.00 | Pass | | |
| | | | | RB1#14 | 22.97 | 0.8 | 23.77 | 0.24 | 1.00 | Pass | | |
| | | RB8#0 | | 22.1 | 0.8 | 22.90 | 0.19 | 1.00 | Pass | | | |
| | | RB8#4 | | 22.11 | 0.8 | 22.91 | 0.20 | 1.00 | Pass | | | |
| | | 5 MHz | LCH | RB8#7 | 22.09 | 0.8 | 22.89 | 0.19 | 1.00 | Pass | | |
| | | | | RB15#0 | 22.08 | 0.8 | 22.88 | 0.19 | 1.00 | Pass | | |
| | | | | RB1#0 | 23.42 | 0.8 | 24.22 | 0.26 | 1.00 | Pass | | |
| | | | | RB1#13 | 23.44 | 0.8 | 24.24 | 0.27 | 1.00 | Pass | | |
| | | | | RB1#24 | 23.43 | 0.8 | 24.23 | 0.26 | 1.00 | Pass | | |
| | | | | RB12#0 | 22.35 | 0.8 | 23.15 | 0.21 | 1.00 | Pass | | |
| | | | | RB12#6 | 22.34 | 0.8 | 23.14 | 0.21 | 1.00 | Pass | | |
| | | | MCH | RB12#13 | 22.35 | 0.8 | 23.15 | 0.21 | 1.00 | Pass | | |
| | | | | RB25#0 | 22.31 | 0.8 | 23.11 | 0.20 | 1.00 | Pass | | |
| | | | | RB1#0 | 23.33 | 0.8 | 24.13 | 0.26 | 1.00 | Pass | | |
| | | | | RB1#13 | 23.33 | 0.8 | 24.13 | 0.26 | 1.00 | Pass | | |
| | | | | RB1#24 | 23.31 | 0.8 | 24.11 | 0.26 | 1.00 | Pass | | |
| | | | | RB12#0 | 22.38 | 0.8 | 23.18 | 0.21 | 1.00 | Pass | | |
| | | | | RB12#6 | 22.35 | 0.8 | 23.15 | 0.21 | 1.00 | Pass | | |
| | | HCH | RB12#13 | 22.36 | 0.8 | 23.16 | 0.21 | 1.00 | Pass | | | |
| | | | RB25#0 | 22.31 | 0.8 | 23.11 | 0.20 | 1.00 | Pass | | | |
| | | | RB1#0 | 23.18 | 0.8 | 23.98 | 0.25 | 1.00 | Pass | | | |
| | | | | | | RB1#13 | 23.16 | 0.8 | 23.96 | 0.25 | 1.00 | Pass |
| | | | | | | RB1#24 | 23.12 | 0.8 | 23.92 | 0.25 | 1.00 | Pass |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|
| | | | | RB12#0 | 22.19 | 0.8 | 22.99 | 0.20 | 1.00 | Pass |
| | | | | RB12#6 | 22.18 | 0.8 | 22.98 | 0.20 | 1.00 | Pass |
| | | | | RB12#13 | 22.14 | 0.8 | 22.94 | 0.20 | 1.00 | Pass |
| | | | | RB25#0 | 22.09 | 0.8 | 22.89 | 0.19 | 1.00 | Pass |
| | | 10 MHz | LCH | RB1#0 | 23.29 | 0.8 | 24.09 | 0.26 | 1.00 | Pass |
| | | | | RB1#25 | 23.31 | 0.8 | 24.11 | 0.26 | 1.00 | Pass |
| | | | | RB1#49 | 23.33 | 0.8 | 24.13 | 0.26 | 1.00 | Pass |
| | | | | RB25#0 | 22.29 | 0.8 | 23.09 | 0.20 | 1.00 | Pass |
| | | | | RB25#13 | 22.31 | 0.8 | 23.11 | 0.20 | 1.00 | Pass |
| | | | | RB25#25 | 22.31 | 0.8 | 23.11 | 0.20 | 1.00 | Pass |
| | | | | RB50#0 | 22.33 | 0.8 | 23.13 | 0.21 | 1.00 | Pass |
| | | | MCH | RB1#0 | 23.38 | 0.8 | 24.18 | 0.26 | 1.00 | Pass |
| | | | | RB1#25 | 23.37 | 0.8 | 24.17 | 0.26 | 1.00 | Pass |
| | | | | RB1#49 | 23.33 | 0.8 | 24.13 | 0.26 | 1.00 | Pass |
| | | | | RB25#0 | 22.32 | 0.8 | 23.12 | 0.21 | 1.00 | Pass |
| | | | | RB25#13 | 22.33 | 0.8 | 23.13 | 0.21 | 1.00 | Pass |
| | | | | RB25#25 | 22.29 | 0.8 | 23.09 | 0.20 | 1.00 | Pass |
| | | | | RB50#0 | 22.33 | 0.8 | 23.13 | 0.21 | 1.00 | Pass |
| | | | HCH | RB1#0 | 23.17 | 0.8 | 23.97 | 0.25 | 1.00 | Pass |
| | | | | RB1#25 | 23.11 | 0.8 | 23.91 | 0.25 | 1.00 | Pass |
| | | | | RB1#49 | 23.02 | 0.8 | 23.82 | 0.24 | 1.00 | Pass |
| | | | | RB25#0 | 22.19 | 0.8 | 22.99 | 0.20 | 1.00 | Pass |
| | | | | RB25#13 | 22.14 | 0.8 | 22.94 | 0.20 | 1.00 | Pass |
| | | | | RB25#25 | 22.1 | 0.8 | 22.90 | 0.19 | 1.00 | Pass |
| | | RB50#0 | | 22.19 | 0.8 | 22.99 | 0.20 | 1.00 | Pass | |
| | | 15MHz | LCH | RB1#0 | 23.3 | 0.8 | 24.10 | 0.26 | 1.00 | Pass |
| | | | | RB1#38 | 23.32 | 0.8 | 24.12 | 0.26 | 1.00 | Pass |
| | | | | RB1#74 | 23.29 | 0.8 | 24.09 | 0.26 | 1.00 | Pass |
| | | | | RB36#0 | 22.35 | 0.8 | 23.15 | 0.21 | 1.00 | Pass |
| | | | | RB36#19 | 22.35 | 0.8 | 23.15 | 0.21 | 1.00 | Pass |
| | | | | RB36#39 | 22.38 | 0.8 | 23.18 | 0.21 | 1.00 | Pass |
| | | | | RB75#0 | 22.39 | 0.8 | 23.19 | 0.21 | 1.00 | Pass |
| MCH | RB1#0 | | 23.44 | 0.8 | 24.24 | 0.27 | 1.00 | Pass | | |
| | RB1#38 | | 23.36 | 0.8 | 24.16 | 0.26 | 1.00 | Pass | | |
| | RB1#74 | | 23.29 | 0.8 | 24.09 | 0.26 | 1.00 | Pass | | |
| | RB36#0 | | 22.43 | 0.8 | 23.23 | 0.21 | 1.00 | Pass | | |
| | RB36#19 | | 22.39 | 0.8 | 23.19 | 0.21 | 1.00 | Pass | | |
| | RB36#39 | | 22.35 | 0.8 | 23.15 | 0.21 | 1.00 | Pass | | |
| | RB75#0 | | 22.42 | 0.8 | 23.22 | 0.21 | 1.00 | Pass | | |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|
| | | 20 MHz | HCH | RB1#0 | 23.4 | 0.8 | 24.20 | 0.26 | 1.00 | Pass |
| | | | | RB1#38 | 23.27 | 0.8 | 24.07 | 0.26 | 1.00 | Pass |
| | | | | RB1#74 | 23.2 | 0.8 | 24.00 | 0.25 | 1.00 | Pass |
| | | | | RB36#0 | 22.35 | 0.8 | 23.15 | 0.21 | 1.00 | Pass |
| | | | | RB36#19 | 22.3 | 0.8 | 23.10 | 0.20 | 1.00 | Pass |
| | | | | RB36#39 | 22.22 | 0.8 | 23.02 | 0.20 | 1.00 | Pass |
| | | | | RB75#0 | 22.31 | 0.8 | 23.11 | 0.20 | 1.00 | Pass |
| | | | LCH | RB1#0 | 23.34 | 0.8 | 24.14 | 0.26 | 1.00 | Pass |
| | | | | RB1#50 | 23.36 | 0.8 | 24.16 | 0.26 | 1.00 | Pass |
| | | | | RB1#99 | 23.33 | 0.8 | 24.13 | 0.26 | 1.00 | Pass |
| | | | | RB50#0 | 22.34 | 0.8 | 23.14 | 0.21 | 1.00 | Pass |
| | | | | RB50#25 | 22.3 | 0.8 | 23.10 | 0.20 | 1.00 | Pass |
| | | | | RB50#50 | 22.32 | 0.8 | 23.12 | 0.21 | 1.00 | Pass |
| | | | | RB100#0 | 22.3 | 0.8 | 23.10 | 0.20 | 1.00 | Pass |
| | | MCH | RB1#0 | 23.43 | 0.8 | 24.23 | 0.26 | 1.00 | Pass | |
| | | | RB1#50 | 23.36 | 0.8 | 24.16 | 0.26 | 1.00 | Pass | |
| | | | RB1#99 | 23.29 | 0.8 | 24.09 | 0.26 | 1.00 | Pass | |
| | | | RB50#0 | 22.42 | 0.8 | 23.22 | 0.21 | 1.00 | Pass | |
| | | | RB50#25 | 22.34 | 0.8 | 23.14 | 0.21 | 1.00 | Pass | |
| | | | RB50#50 | 22.33 | 0.8 | 23.13 | 0.21 | 1.00 | Pass | |
| | | | RB100#0 | 22.35 | 0.8 | 23.15 | 0.21 | 1.00 | Pass | |
| | | HCH | RB1#0 | 23.44 | 0.8 | 24.24 | 0.27 | 1.00 | Pass | |
| | | | RB1#50 | 23.34 | 0.8 | 24.14 | 0.26 | 1.00 | Pass | |
| | | | RB1#99 | 23.21 | 0.8 | 24.01 | 0.25 | 1.00 | Pass | |
| | | | RB50#0 | 22.43 | 0.8 | 23.23 | 0.21 | 1.00 | Pass | |
| | | | RB50#25 | 22.34 | 0.8 | 23.14 | 0.21 | 1.00 | Pass | |
| | | | RB50#50 | 22.28 | 0.8 | 23.08 | 0.20 | 1.00 | Pass | |
| | | | RB100#0 | 22.32 | 0.8 | 23.12 | 0.21 | 1.00 | Pass | |
| Band 4 | 16QAM | 1.4 MHz | LCH | RB1#0 | 22.34 | 0.8 | 23.14 | 0.21 | 1.00 | Pass |
| | | | | RB1#3 | 22.42 | 0.8 | 23.22 | 0.21 | 1.00 | Pass |
| | | | | RB1#5 | 22.36 | 0.8 | 23.16 | 0.21 | 1.00 | Pass |
| | | | | RB3#0 | 22.36 | 0.8 | 23.16 | 0.21 | 1.00 | Pass |
| | | | | RB3#2 | 22.34 | 0.8 | 23.14 | 0.21 | 1.00 | Pass |
| | | | | RB3#3 | 22.39 | 0.8 | 23.19 | 0.21 | 1.00 | Pass |
| | | | | RB6#0 | 21.44 | 0.8 | 22.24 | 0.17 | 1.00 | Pass |
| | | | MCH | RB1#0 | 22.64 | 0.8 | 23.44 | 0.22 | 1.00 | Pass |
| | | | | RB1#3 | 22.67 | 0.8 | 23.47 | 0.22 | 1.00 | Pass |
| | | | | RB1#5 | 22.62 | 0.8 | 23.42 | 0.22 | 1.00 | Pass |
| | | | | RB3#0 | 22.54 | 0.8 | 23.34 | 0.22 | 1.00 | Pass |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|
| | | 3 MHz | | RB3#2 | 22.49 | 0.8 | 23.29 | 0.21 | 1.00 | Pass |
| | | | | RB3#3 | 22.52 | 0.8 | 23.32 | 0.21 | 1.00 | Pass |
| | | | | RB6#0 | 21.2 | 0.8 | 22.00 | 0.16 | 1.00 | Pass |
| | | | HCH | RB1#0 | 22.04 | 0.8 | 22.84 | 0.19 | 1.00 | Pass |
| | | | | RB1#3 | 22.12 | 0.8 | 22.92 | 0.20 | 1.00 | Pass |
| | | | | RB1#5 | 22.06 | 0.8 | 22.86 | 0.19 | 1.00 | Pass |
| | | | | RB3#0 | 22.3 | 0.8 | 23.10 | 0.20 | 1.00 | Pass |
| | | | | RB3#2 | 22.27 | 0.8 | 23.07 | 0.20 | 1.00 | Pass |
| | | | | RB3#3 | 22.29 | 0.8 | 23.09 | 0.20 | 1.00 | Pass |
| | | | LCH | RB6#0 | 21.24 | 0.8 | 22.04 | 0.16 | 1.00 | Pass |
| | | | | RB1#0 | 22.13 | 0.8 | 22.93 | 0.20 | 1.00 | Pass |
| | | | | RB1#7 | 22.18 | 0.8 | 22.98 | 0.20 | 1.00 | Pass |
| | | | | RB1#14 | 22.1 | 0.8 | 22.90 | 0.19 | 1.00 | Pass |
| | | | | RB8#0 | 21.46 | 0.8 | 22.26 | 0.17 | 1.00 | Pass |
| | | | | RB8#4 | 21.49 | 0.8 | 22.29 | 0.17 | 1.00 | Pass |
| | | MCH | RB8#7 | 21.46 | 0.8 | 22.26 | 0.17 | 1.00 | Pass | |
| | | | RB15#0 | 21.37 | 0.8 | 22.17 | 0.16 | 1.00 | Pass | |
| | | | RB1#0 | 22.6 | 0.8 | 23.40 | 0.22 | 1.00 | Pass | |
| | | | RB1#7 | 22.66 | 0.8 | 23.46 | 0.22 | 1.00 | Pass | |
| | | | RB1#14 | 22.6 | 0.8 | 23.40 | 0.22 | 1.00 | Pass | |
| | | | RB8#0 | 21.47 | 0.8 | 22.27 | 0.17 | 1.00 | Pass | |
| | | HCH | RB8#4 | 21.48 | 0.8 | 22.28 | 0.17 | 1.00 | Pass | |
| | | | RB8#7 | 21.45 | 0.8 | 22.25 | 0.17 | 1.00 | Pass | |
| | | | RB15#0 | 21.39 | 0.8 | 22.19 | 0.17 | 1.00 | Pass | |
| | | | RB1#0 | 22.07 | 0.8 | 22.87 | 0.19 | 1.00 | Pass | |
| | | | RB1#7 | 22.07 | 0.8 | 22.87 | 0.19 | 1.00 | Pass | |
| | | | RB1#14 | 21.98 | 0.8 | 22.78 | 0.19 | 1.00 | Pass | |
| | | 5MHz | LCH | RB8#0 | 21.18 | 0.8 | 21.98 | 0.16 | 1.00 | Pass |
| | | | | RB8#4 | 21.17 | 0.8 | 21.97 | 0.16 | 1.00 | Pass |
| | | | | RB8#7 | 21.15 | 0.8 | 21.95 | 0.16 | 1.00 | Pass |
| | | | | RB15#0 | 21.1 | 0.8 | 21.90 | 0.15 | 1.00 | Pass |
| | | | | RB1#0 | 22.46 | 0.8 | 23.26 | 0.21 | 1.00 | Pass |
| | | | | RB1#13 | 22.48 | 0.8 | 23.28 | 0.21 | 1.00 | Pass |
| RB1#24 | 22.49 | | | 0.8 | 23.29 | 0.21 | 1.00 | Pass | | |
| MCH | RB12#0 | | 21.48 | 0.8 | 22.28 | 0.17 | 1.00 | Pass | | |
| RB12#6 | 21.47 | 0.8 | 22.27 | 0.17 | 1.00 | Pass | | | | |
| RB12#13 | 21.48 | 0.8 | 22.28 | 0.17 | 1.00 | Pass | | | | |
| RB25#0 | 21.39 | 0.8 | 22.19 | 0.17 | 1.00 | Pass | | | | |
| MCH | RB1#0 | 22.82 | 0.8 | 23.62 | 0.23 | 1.00 | Pass | | | |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|
| | | 10MHz | | RB1#13 | 22.83 | 0.8 | 23.63 | 0.23 | 1.00 | Pass |
| | | | | RB1#24 | 22.81 | 0.8 | 23.61 | 0.23 | 1.00 | Pass |
| | | | | RB12#0 | 21.54 | 0.8 | 22.34 | 0.17 | 1.00 | Pass |
| | | | | RB12#6 | 21.51 | 0.8 | 22.31 | 0.17 | 1.00 | Pass |
| | | | | RB12#13 | 21.53 | 0.8 | 22.33 | 0.17 | 1.00 | Pass |
| | | | | RB25#0 | 21.41 | 0.8 | 22.21 | 0.17 | 1.00 | Pass |
| | | | HCH | RB1#0 | 22.23 | 0.8 | 23.03 | 0.20 | 1.00 | Pass |
| | | | | RB1#13 | 22.22 | 0.8 | 23.02 | 0.20 | 1.00 | Pass |
| | | | | RB1#24 | 22.17 | 0.8 | 22.97 | 0.20 | 1.00 | Pass |
| | | | | RB12#0 | 21.3 | 0.8 | 22.10 | 0.16 | 1.00 | Pass |
| | | | | RB12#6 | 21.28 | 0.8 | 22.08 | 0.16 | 1.00 | Pass |
| | | | | RB12#13 | 21.24 | 0.8 | 22.04 | 0.16 | 1.00 | Pass |
| | | | LCH | RB25#0 | 21.11 | 0.8 | 21.91 | 0.16 | 1.00 | Pass |
| | | | | RB1#0 | 22.19 | 0.8 | 22.99 | 0.20 | 1.00 | Pass |
| | | RB1#25 | | 22.22 | 0.8 | 23.02 | 0.20 | 1.00 | Pass | |
| | | RB1#49 | | 22.21 | 0.8 | 23.01 | 0.20 | 1.00 | Pass | |
| | | RB25#0 | | 21.37 | 0.8 | 22.17 | 0.16 | 1.00 | Pass | |
| | | RB25#13 | | 21.38 | 0.8 | 22.18 | 0.17 | 1.00 | Pass | |
| | | RB25#25 | | 21.39 | 0.8 | 22.19 | 0.17 | 1.00 | Pass | |
| | | MCH | RB50#0 | 21.33 | 0.8 | 22.13 | 0.16 | 1.00 | Pass | |
| | | | RB1#0 | 22.7 | 0.8 | 23.50 | 0.22 | 1.00 | Pass | |
| | | | RB1#25 | 22.67 | 0.8 | 23.47 | 0.22 | 1.00 | Pass | |
| | | | RB1#49 | 22.61 | 0.8 | 23.41 | 0.22 | 1.00 | Pass | |
| | | | RB25#0 | 21.41 | 0.8 | 22.21 | 0.17 | 1.00 | Pass | |
| | | | RB25#13 | 21.43 | 0.8 | 22.23 | 0.17 | 1.00 | Pass | |
| | | | RB25#25 | 21.4 | 0.8 | 22.20 | 0.17 | 1.00 | Pass | |
| | | HCH | RB50#0 | 21.4 | 0.8 | 22.20 | 0.17 | 1.00 | Pass | |
| | | | RB1#0 | 22.25 | 0.8 | 23.05 | 0.20 | 1.00 | Pass | |
| | | | RB1#25 | 22.16 | 0.8 | 22.96 | 0.20 | 1.00 | Pass | |
| | | | RB1#49 | 22.05 | 0.8 | 22.85 | 0.19 | 1.00 | Pass | |
| | | | RB25#0 | 21.36 | 0.8 | 22.16 | 0.16 | 1.00 | Pass | |
| | | | RB25#13 | 21.31 | 0.8 | 22.11 | 0.16 | 1.00 | Pass | |
| | | 15 MHz | LCH | RB25#25 | 21.27 | 0.8 | 22.07 | 0.16 | 1.00 | Pass |
| RB50#0 | 21.29 | | | 0.8 | 22.09 | 0.16 | 1.00 | Pass | | |
| RB1#0 | 22.2 | | | 0.8 | 23.00 | 0.20 | 1.00 | Pass | | |
| RB1#38 | 22.21 | | | 0.8 | 23.01 | 0.20 | 1.00 | Pass | | |
| RB1#74 | 22.17 | | | 0.8 | 22.97 | 0.20 | 1.00 | Pass | | |
| | | | | RB36#0 | 21.35 | 0.8 | 22.15 | 0.16 | 1.00 | Pass |
| | | | | RB36#19 | 21.36 | 0.8 | 22.16 | 0.16 | 1.00 | Pass |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict | |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|------|
| | | | | RB36#39 | 21.34 | 0.8 | 22.14 | 0.16 | 1.00 | Pass | |
| | | | | RB75#0 | 21.39 | 0.8 | 22.19 | 0.17 | 1.00 | Pass | |
| | | | MCH | RB1#0 | 22.75 | 0.8 | 23.55 | 0.23 | 1.00 | Pass | |
| | | | | RB1#38 | 22.67 | 0.8 | 23.47 | 0.22 | 1.00 | Pass | |
| | | | | RB1#74 | 22.62 | 0.8 | 23.42 | 0.22 | 1.00 | Pass | |
| | | | | RB36#0 | 21.46 | 0.8 | 22.26 | 0.17 | 1.00 | Pass | |
| | | | | RB36#19 | 21.43 | 0.8 | 22.23 | 0.17 | 1.00 | Pass | |
| | | | | RB36#39 | 21.41 | 0.8 | 22.21 | 0.17 | 1.00 | Pass | |
| | | | HCH | RB75#0 | 21.43 | 0.8 | 22.23 | 0.17 | 1.00 | Pass | |
| | | | | RB1#0 | 22.7 | 0.8 | 23.50 | 0.22 | 1.00 | Pass | |
| | | | | RB1#38 | 22.59 | 0.8 | 23.39 | 0.22 | 1.00 | Pass | |
| | | | | RB1#74 | 22.41 | 0.8 | 23.21 | 0.21 | 1.00 | Pass | |
| | | | | RB36#0 | 21.35 | 0.8 | 22.15 | 0.16 | 1.00 | Pass | |
| | | | | RB36#19 | 21.31 | 0.8 | 22.11 | 0.16 | 1.00 | Pass | |
| | | | 20 MHz | LCH | RB36#39 | 21.21 | 0.8 | 22.01 | 0.16 | 1.00 | Pass |
| | | | | | RB75#0 | 21.32 | 0.8 | 22.12 | 0.16 | 1.00 | Pass |
| | | RB1#0 | | | 22.84 | 0.8 | 23.64 | 0.23 | 1.00 | Pass | |
| | | RB1#50 | | | 22.86 | 0.8 | 23.66 | 0.23 | 1.00 | Pass | |
| | | RB1#99 | | | 22.81 | 0.8 | 23.61 | 0.23 | 1.00 | Pass | |
| | | RB50#0 | | | 21.41 | 0.8 | 22.21 | 0.17 | 1.00 | Pass | |
| | | MCH | | RB50#25 | 21.38 | 0.8 | 22.18 | 0.17 | 1.00 | Pass | |
| | | | | RB50#50 | 21.39 | 0.8 | 22.19 | 0.17 | 1.00 | Pass | |
| | | | | RB100#0 | 21.39 | 0.8 | 22.19 | 0.17 | 1.00 | Pass | |
| | | | | RB1#0 | 22.78 | 0.8 | 23.58 | 0.23 | 1.00 | Pass | |
| | | | | RB1#50 | 22.73 | 0.8 | 23.53 | 0.23 | 1.00 | Pass | |
| | | | | RB1#99 | 22.71 | 0.8 | 23.51 | 0.22 | 1.00 | Pass | |
| | | HCH | | RB50#0 | 21.47 | 0.8 | 22.27 | 0.17 | 1.00 | Pass | |
| | | | | RB50#25 | 21.41 | 0.8 | 22.21 | 0.17 | 1.00 | Pass | |
| | | | | RB50#50 | 21.41 | 0.8 | 22.21 | 0.17 | 1.00 | Pass | |
| | | | | RB100#0 | 21.4 | 0.8 | 22.20 | 0.17 | 1.00 | Pass | |
| | | | RB1#0 | 22.81 | 0.8 | 23.61 | 0.23 | 1.00 | Pass | | |
| | | | RB1#50 | 22.7 | 0.8 | 23.50 | 0.22 | 1.00 | Pass | | |
| Band 7 | QPSK | 5MHz | LOW | RB1#0 | 23.28 | -2.5 | 20.78 | 0.12 | 2.00 | Pass | |
| | | | | RB1#13 | 23.06 | -2.5 | 20.56 | 0.11 | 2.00 | Pass | |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict | |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|------|
| | | 10MHz | | RB1#24 | 23.3 | -2.5 | 20.80 | 0.12 | 2.00 | Pass | |
| | | | | RB12#0 | 22.06 | -2.5 | 19.56 | 0.09 | 2.00 | Pass | |
| | | | | RB12#6 | 22.09 | -2.5 | 19.59 | 0.09 | 2.00 | Pass | |
| | | | | RB12#13 | 22.19 | -2.5 | 19.69 | 0.09 | 2.00 | Pass | |
| | | | | RB25#0 | 22.15 | -2.5 | 19.65 | 0.09 | 2.00 | Pass | |
| | | | MCH | RB1#0 | 23.04 | -2.5 | 20.54 | 0.11 | 2.00 | Pass | |
| | | | | RB1#13 | 22.7 | -2.5 | 20.20 | 0.10 | 2.00 | Pass | |
| | | | | RB1#24 | 23.09 | -2.5 | 20.59 | 0.11 | 2.00 | Pass | |
| | | | | RB12#0 | 21.87 | -2.5 | 19.37 | 0.09 | 2.00 | Pass | |
| | | | | RB12#6 | 21.87 | -2.5 | 19.37 | 0.09 | 2.00 | Pass | |
| | | | | RB12#13 | 21.96 | -2.5 | 19.46 | 0.09 | 2.00 | Pass | |
| | | | HCH | RB25#0 | 21.88 | -2.5 | 19.38 | 0.09 | 2.00 | Pass | |
| | | | | RB1#0 | 23.17 | -2.5 | 20.67 | 0.12 | 2.00 | Pass | |
| | | | | RB1#13 | 22.79 | -2.5 | 20.29 | 0.11 | 2.00 | Pass | |
| | | | | RB1#24 | 23.24 | -2.5 | 20.74 | 0.12 | 2.00 | Pass | |
| | | | | RB12#0 | 22 | -2.5 | 19.50 | 0.09 | 2.00 | Pass | |
| | | | | RB12#6 | 21.98 | -2.5 | 19.48 | 0.09 | 2.00 | Pass | |
| | | | 10MHz | LCH | RB12#13 | 22.15 | -2.5 | 19.65 | 0.09 | 2.00 | Pass |
| | | | | | RB25#0 | 22.03 | -2.5 | 19.53 | 0.09 | 2.00 | Pass |
| | | | | | RB1#0 | 22.75 | -2.5 | 20.25 | 0.11 | 2.00 | Pass |
| | | | | | RB1#13 | 23.18 | -2.5 | 20.68 | 0.12 | 2.00 | Pass |
| | | RB1#24 | | | 23.2 | -2.5 | 20.70 | 0.12 | 2.00 | Pass | |
| | | RB12#0 | | | 22.07 | -2.5 | 19.57 | 0.09 | 2.00 | Pass | |
| | | MCH | | RB12#6 | 22.13 | -2.5 | 19.63 | 0.09 | 2.00 | Pass | |
| | | | | RB12#13 | 22.15 | -2.5 | 19.65 | 0.09 | 2.00 | Pass | |
| | | | | RB25#0 | 22.15 | -2.5 | 19.65 | 0.09 | 2.00 | Pass | |
| | | | | RB1#0 | 22.59 | -2.5 | 20.09 | 0.10 | 2.00 | Pass | |
| | | | | RB1#13 | 22.67 | -2.5 | 20.17 | 0.10 | 2.00 | Pass | |
| | | | | RB1#24 | 22.68 | -2.5 | 20.18 | 0.10 | 2.00 | Pass | |
| | | HCH | | RB12#0 | 21.73 | -2.5 | 19.23 | 0.08 | 2.00 | Pass | |
| | | | | RB12#6 | 21.8 | -2.5 | 19.30 | 0.09 | 2.00 | Pass | |
| | | | | RB12#13 | 21.85 | -2.5 | 19.35 | 0.09 | 2.00 | Pass | |
| | | | | RB25#0 | 21.82 | -2.5 | 19.32 | 0.09 | 2.00 | Pass | |
| | | | | RB1#0 | 22.73 | -2.5 | 20.23 | 0.11 | 2.00 | Pass | |
| | | HCH | | RB1#13 | 22.63 | -2.5 | 20.13 | 0.10 | 2.00 | Pass | |
| | | | | RB1#24 | 22.78 | -2.5 | 20.28 | 0.11 | 2.00 | Pass | |
| | | | | RB12#0 | 21.98 | -2.5 | 19.48 | 0.09 | 2.00 | Pass | |
| | | | | RB12#6 | 21.94 | -2.5 | 19.44 | 0.09 | 2.00 | Pass | |
| | | | RB12#13 | 21.96 | -2.5 | 19.46 | 0.09 | 2.00 | Pass | | |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|
| | | 15MHz | LCH | RB25#0 | 21.97 | -2.5 | 19.47 | 0.09 | 2.00 | Pass |
| | | | | RB1#0 | 22.88 | -2.5 | 20.38 | 0.11 | 2.00 | Pass |
| | | | | RB1#13 | 23.16 | -2.5 | 20.66 | 0.12 | 2.00 | Pass |
| | | | | RB1#24 | 23.19 | -2.5 | 20.69 | 0.12 | 2.00 | Pass |
| | | | | RB12#0 | 22.17 | -2.5 | 19.67 | 0.09 | 2.00 | Pass |
| | | | | RB12#6 | 22.21 | -2.5 | 19.71 | 0.09 | 2.00 | Pass |
| | | | | RB12#13 | 22.2 | -2.5 | 19.70 | 0.09 | 2.00 | Pass |
| | | | | RB25#0 | 22.22 | -2.5 | 19.72 | 0.09 | 2.00 | Pass |
| | | | MCH | RB1#0 | 22.76 | -2.5 | 20.26 | 0.11 | 2.00 | Pass |
| | | | | RB1#13 | 22.59 | -2.5 | 20.09 | 0.10 | 2.00 | Pass |
| | | | | RB1#24 | 23.05 | -2.5 | 20.55 | 0.11 | 2.00 | Pass |
| | | | | RB12#0 | 21.72 | -2.5 | 19.22 | 0.08 | 2.00 | Pass |
| | | | | RB12#6 | 21.72 | -2.5 | 19.22 | 0.08 | 2.00 | Pass |
| | | | | RB12#13 | 21.88 | -2.5 | 19.38 | 0.09 | 2.00 | Pass |
| | | | HCH | RB25#0 | 21.8 | -2.5 | 19.30 | 0.09 | 2.00 | Pass |
| | | | | RB1#0 | 23.03 | -2.5 | 20.53 | 0.11 | 2.00 | Pass |
| | | | | RB1#13 | 22.69 | -2.5 | 20.19 | 0.10 | 2.00 | Pass |
| | | | | RB1#24 | 23.01 | -2.5 | 20.51 | 0.11 | 2.00 | Pass |
| | | RB12#0 | | 22.06 | -2.5 | 19.56 | 0.09 | 2.00 | Pass | |
| | | RB12#6 | | 21.96 | -2.5 | 19.46 | 0.09 | 2.00 | Pass | |
| | | 20MHz | LCH | RB12#13 | 21.94 | -2.5 | 19.44 | 0.09 | 2.00 | Pass |
| | | | | RB25#0 | 22.01 | -2.5 | 19.51 | 0.09 | 2.00 | Pass |
| | | | | RB1#0 | 22.91 | -2.5 | 20.41 | 0.11 | 2.00 | Pass |
| | | | | RB1#13 | 23.18 | -2.5 | 20.68 | 0.12 | 2.00 | Pass |
| | | | | RB1#24 | 23.11 | -2.5 | 20.61 | 0.12 | 2.00 | Pass |
| | | | | RB12#0 | 22.11 | -2.5 | 19.61 | 0.09 | 2.00 | Pass |
| | | | | RB12#6 | 22.07 | -2.5 | 19.57 | 0.09 | 2.00 | Pass |
| | | | | RB12#13 | 22.03 | -2.5 | 19.53 | 0.09 | 2.00 | Pass |
| | | | | RB25#0 | 22.09 | -2.5 | 19.59 | 0.09 | 2.00 | Pass |
| | | | MCH | RB1#0 | 22.77 | -2.5 | 20.27 | 0.11 | 2.00 | Pass |
| | | | | RB1#13 | 22.53 | -2.5 | 20.03 | 0.10 | 2.00 | Pass |
| | | | | RB1#24 | 23.15 | -2.5 | 20.65 | 0.12 | 2.00 | Pass |
| | | | | RB12#0 | 21.72 | -2.5 | 19.22 | 0.08 | 2.00 | Pass |
| | | | | RB12#6 | 21.7 | -2.5 | 19.20 | 0.08 | 2.00 | Pass |
| | | | | RB12#13 | 21.92 | -2.5 | 19.42 | 0.09 | 2.00 | Pass |
| | | | HCH | RB25#0 | 21.81 | -2.5 | 19.31 | 0.09 | 2.00 | Pass |
| RB1#0 | 23.38 | | | -2.5 | 20.88 | 0.12 | 2.00 | Pass | | |
| RB1#13 | 22.78 | | | -2.5 | 20.28 | 0.11 | 2.00 | Pass | | |
| | | | | RB1#24 | 23.04 | -2.5 | 20.54 | 0.11 | 2.00 | Pass |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict | | | |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|------|------|------|
| | | | | RB12#0 | 22.23 | -2.5 | 19.73 | 0.09 | 2.00 | Pass | | | |
| | | | | RB12#6 | 22.1 | -2.5 | 19.60 | 0.09 | 2.00 | Pass | | | |
| | | | | RB12#13 | 22.05 | -2.5 | 19.55 | 0.09 | 2.00 | Pass | | | |
| | | | | RB25#0 | 22.2 | -2.5 | 19.70 | 0.09 | 2.00 | Pass | | | |
| | 16QAM | 5MHz | LCH | | RB1#0 | 23.38 | -2.5 | 20.88 | 0.12 | 2.00 | Pass | | |
| | | | | | RB1#13 | 22.78 | -2.5 | 20.28 | 0.11 | 2.00 | Pass | | |
| | | | | | RB1#24 | 23.04 | -2.5 | 20.54 | 0.11 | 2.00 | Pass | | |
| | | | | | RB12#0 | 22.23 | -2.5 | 19.73 | 0.09 | 2.00 | Pass | | |
| | | | | | RB12#6 | 22.1 | -2.5 | 19.60 | 0.09 | 2.00 | Pass | | |
| | | | | | RB12#13 | 22.05 | -2.5 | 19.55 | 0.09 | 2.00 | Pass | | |
| | | | | | RB25#0 | 22.2 | -2.5 | 19.70 | 0.09 | 2.00 | Pass | | |
| | | | | | MCH | | RB1#0 | 22.44 | -2.5 | 19.94 | 0.10 | 2.00 | Pass |
| | | | | | | | RB1#13 | 22.2 | -2.5 | 19.70 | 0.09 | 2.00 | Pass |
| | | | | | | | RB1#24 | 22.58 | -2.5 | 20.08 | 0.10 | 2.00 | Pass |
| | | | | | | | RB12#0 | 21.17 | -2.5 | 18.67 | 0.07 | 2.00 | Pass |
| | | | | | | | RB12#6 | 21.17 | -2.5 | 18.67 | 0.07 | 2.00 | Pass |
| | | | RB12#13 | 21.29 | | | -2.5 | 18.79 | 0.08 | 2.00 | Pass | | |
| | | | HCH | | RB25#0 | 21.16 | -2.5 | 18.66 | 0.07 | 2.00 | Pass | | |
| | | | | | RB1#0 | 22.23 | -2.5 | 19.73 | 0.09 | 2.00 | Pass | | |
| | | | | | RB1#13 | 21.96 | -2.5 | 19.46 | 0.09 | 2.00 | Pass | | |
| | | | | | RB1#24 | 22.28 | -2.5 | 19.78 | 0.10 | 2.00 | Pass | | |
| | | | | | RB12#0 | 21.17 | -2.5 | 18.67 | 0.07 | 2.00 | Pass | | |
| | | | | | RB12#6 | 21.16 | -2.5 | 18.66 | 0.07 | 2.00 | Pass | | |
| | | | 10MHz | | LCH | | RB12#13 | 21.23 | -2.5 | 18.73 | 0.07 | 2.00 | Pass |
| | | | | | | | RB25#0 | 21.09 | -2.5 | 18.59 | 0.07 | 2.00 | Pass |
| | | | | | | | RB1#0 | 21.52 | -2.5 | 19.02 | 0.08 | 2.00 | Pass |
| | | | | | | | RB1#13 | 22.04 | -2.5 | 19.54 | 0.09 | 2.00 | Pass |
| | | | | | | | RB1#24 | 22.04 | -2.5 | 19.54 | 0.09 | 2.00 | Pass |
| | RB12#0 | 21.12 | | | | | -2.5 | 18.62 | 0.07 | 2.00 | Pass | | |
| | MCH | | | | RB12#6 | 21.14 | -2.5 | 18.64 | 0.07 | 2.00 | Pass | | |
| | | | | | RB12#13 | 21.11 | -2.5 | 18.61 | 0.07 | 2.00 | Pass | | |
| | | | | | RB25#0 | 21.08 | -2.5 | 18.58 | 0.07 | 2.00 | Pass | | |
| RB1#0 | | | | | 21.86 | -2.5 | 19.36 | 0.09 | 2.00 | Pass | | | |
| RB1#13 | | | | | 22.02 | -2.5 | 19.52 | 0.09 | 2.00 | Pass | | | |
| RB1#24 | | | | | 22.04 | -2.5 | 19.54 | 0.09 | 2.00 | Pass | | | |
| | | | | RB12#0 | 20.95 | -2.5 | 18.45 | 0.07 | 2.00 | Pass | | | |
| | | | | RB12#6 | 21.04 | -2.5 | 18.54 | 0.07 | 2.00 | Pass | | | |
| | | | | RB12#13 | 21.1 | -2.5 | 18.60 | 0.07 | 2.00 | Pass | | | |
| | | | | RB25#0 | 21.03 | -2.5 | 18.53 | 0.07 | 2.00 | Pass | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|
| | | 15MHz | HCH | RB1#0 | 21.79 | -2.5 | 19.29 | 0.08 | 2.00 | Pass |
| | | | | RB1#13 | 21.77 | -2.5 | 19.27 | 0.08 | 2.00 | Pass |
| | | | | RB1#24 | 21.85 | -2.5 | 19.35 | 0.09 | 2.00 | Pass |
| | | | | RB12#0 | 21.18 | -2.5 | 18.68 | 0.07 | 2.00 | Pass |
| | | | | RB12#6 | 21.16 | -2.5 | 18.66 | 0.07 | 2.00 | Pass |
| | | | | RB12#13 | 21.23 | -2.5 | 18.73 | 0.07 | 2.00 | Pass |
| | | | | RB25#0 | 21.13 | -2.5 | 18.63 | 0.07 | 2.00 | Pass |
| | | | LCH | RB1#0 | 21.67 | -2.5 | 19.17 | 0.08 | 2.00 | Pass |
| | | | | RB1#13 | 21.99 | -2.5 | 19.49 | 0.09 | 2.00 | Pass |
| | | | | RB1#24 | 21.96 | -2.5 | 19.46 | 0.09 | 2.00 | Pass |
| | | | | RB12#0 | 21.15 | -2.5 | 18.65 | 0.07 | 2.00 | Pass |
| | | | | RB12#6 | 21.15 | -2.5 | 18.65 | 0.07 | 2.00 | Pass |
| | | | | RB12#13 | 21.14 | -2.5 | 18.64 | 0.07 | 2.00 | Pass |
| | | | | RB25#0 | 21.14 | -2.5 | 18.64 | 0.07 | 2.00 | Pass |
| | | MCH | RB1#0 | 22.03 | -2.5 | 19.53 | 0.09 | 2.00 | Pass | |
| | | | RB1#13 | 21.92 | -2.5 | 19.42 | 0.09 | 2.00 | Pass | |
| | | | RB1#24 | 22.44 | -2.5 | 19.94 | 0.10 | 2.00 | Pass | |
| | | | RB12#0 | 20.89 | -2.5 | 18.39 | 0.07 | 2.00 | Pass | |
| | | | RB12#6 | 20.97 | -2.5 | 18.47 | 0.07 | 2.00 | Pass | |
| | | | RB12#13 | 21.15 | -2.5 | 18.65 | 0.07 | 2.00 | Pass | |
| | | | RB25#0 | 21.02 | -2.5 | 18.52 | 0.07 | 2.00 | Pass | |
| | | HCH | RB1#0 | 22.32 | -2.5 | 19.82 | 0.10 | 2.00 | Pass | |
| | | | RB1#13 | 22.1 | -2.5 | 19.60 | 0.09 | 2.00 | Pass | |
| | | | RB1#24 | 22.33 | -2.5 | 19.83 | 0.10 | 2.00 | Pass | |
| | | | RB12#0 | 21.13 | -2.5 | 18.63 | 0.07 | 2.00 | Pass | |
| | | | RB12#6 | 21.13 | -2.5 | 18.63 | 0.07 | 2.00 | Pass | |
| | | | RB12#13 | 21.13 | -2.5 | 18.63 | 0.07 | 2.00 | Pass | |
| | | | RB25#0 | 21.2 | -2.5 | 18.70 | 0.07 | 2.00 | Pass | |
| | | 20MHz | LCH | RB1#0 | 22.25 | -2.5 | 19.75 | 0.09 | 2.00 | Pass |
| | | | | RB1#13 | 22.55 | -2.5 | 20.05 | 0.10 | 2.00 | Pass |
| | | | | RB1#24 | 22.57 | -2.5 | 20.07 | 0.10 | 2.00 | Pass |
| | | | | RB12#0 | 21.11 | -2.5 | 18.61 | 0.07 | 2.00 | Pass |
| | | | | RB12#6 | 21.05 | -2.5 | 18.55 | 0.07 | 2.00 | Pass |
| | | | | RB12#13 | 21.02 | -2.5 | 18.52 | 0.07 | 2.00 | Pass |
| | | | | RB25#0 | 21.06 | -2.5 | 18.56 | 0.07 | 2.00 | Pass |
| | | | MCH | RB1#0 | 22.1 | -2.5 | 19.60 | 0.09 | 2.00 | Pass |
| | | | | RB1#13 | 21.95 | -2.5 | 19.45 | 0.09 | 2.00 | Pass |
| | | | | RB1#24 | 22.54 | -2.5 | 20.04 | 0.10 | 2.00 | Pass |
| | | | | RB12#0 | 20.87 | -2.5 | 18.37 | 0.07 | 2.00 | Pass |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|
| Band 12 | QPSK | | | RB12#6 | 20.9 | -2.5 | 18.40 | 0.07 | 2.00 | Pass |
| | | | | RB12#13 | 21.12 | -2.5 | 18.62 | 0.07 | 2.00 | Pass |
| | | | | RB25#0 | 21.04 | -2.5 | 18.54 | 0.07 | 2.00 | Pass |
| | | | HCH | RB1#0 | 22.61 | -2.5 | 20.11 | 0.10 | 2.00 | Pass |
| | | | | RB1#13 | 22.19 | -2.5 | 19.69 | 0.09 | 2.00 | Pass |
| | | | | RB1#24 | 22.44 | -2.5 | 19.94 | 0.10 | 2.00 | Pass |
| | | | | RB12#0 | 21.17 | -2.5 | 18.67 | 0.07 | 2.00 | Pass |
| | | | | RB12#6 | 21.18 | -2.5 | 18.68 | 0.07 | 2.00 | Pass |
| | | | | RB12#13 | 21.21 | -2.5 | 18.71 | 0.07 | 2.00 | Pass |
| | | RB25#0 | | 21.23 | -2.5 | 18.73 | 0.07 | 2.00 | Pass | |
| | | 1.4 | | LCH | RB1#0 | 23.06 | -2.5 | 20.56 | 0.11 | 3.00 |
| | | | RB1#3 | | 23.09 | -2.5 | 20.59 | 0.11 | 3.00 | Pass |
| | | | RB1#5 | | 23.00 | -2.5 | 20.50 | 0.11 | 3.00 | Pass |
| | | | RB3#0 | | 23.05 | -2.5 | 20.55 | 0.11 | 3.00 | Pass |
| | | | RB3#2 | | 23.04 | -2.5 | 20.54 | 0.11 | 3.00 | Pass |
| | | | RB3#3 | | 23.07 | -2.5 | 20.57 | 0.11 | 3.00 | Pass |
| | | | MCH | RB6#0 | 21.95 | -2.5 | 19.45 | 0.09 | 3.00 | Pass |
| | | | | RB1#0 | 22.90 | -2.5 | 20.40 | 0.11 | 3.00 | Pass |
| | | | | RB1#3 | 22.99 | -2.5 | 20.49 | 0.11 | 3.00 | Pass |
| | | | | RB1#5 | 22.9 | -2.5 | 20.40 | 0.11 | 3.00 | Pass |
| | | | | RB3#0 | 23.01 | -2.5 | 20.51 | 0.11 | 3.00 | Pass |
| RB3#2 | 23.00 | | | -2.5 | 20.50 | 0.11 | 3.00 | Pass | | |
| HCH | RB3#3 | 23.01 | -2.5 | 20.51 | 0.11 | 3.00 | Pass | | | |
| | RB6#0 | 21.9 | -2.5 | 19.40 | 0.09 | 3.00 | Pass | | | |
| | RB1#0 | 22.87 | -2.5 | 20.37 | 0.11 | 3.00 | Pass | | | |
| | RB1#3 | 22.99 | -2.5 | 20.49 | 0.11 | 3.00 | Pass | | | |
| | RB1#5 | 22.94 | -2.5 | 20.44 | 0.11 | 3.00 | Pass | | | |
| | RB3#0 | 22.98 | -2.5 | 20.48 | 0.11 | 3.00 | Pass | | | |
| 3 | LCH | RB3#2 | 22.99 | -2.5 | 20.49 | 0.11 | 3.00 | Pass | | |
| | | RB3#3 | 23.00 | -2.5 | 20.50 | 0.11 | 3.00 | Pass | | |
| | | RB6#0 | 21.93 | -2.5 | 19.43 | 0.09 | 3.00 | Pass | | |
| | | RB1#0 | 22.92 | -2.5 | 20.42 | 0.11 | 3.00 | Pass | | |
| | | RB1#7 | 22.94 | -2.5 | 20.44 | 0.11 | 3.00 | Pass | | |
| | | RB1#14 | 22.88 | -2.5 | 20.38 | 0.11 | 3.00 | Pass | | |
| | | RB8#0 | 21.99 | -2.5 | 19.49 | 0.09 | 3.00 | Pass | | |
| | RB8#4 | 21.99 | -2.5 | 19.49 | 0.09 | 3.00 | Pass | | | |
| MCH | RB8#7 | 21.98 | -2.5 | 19.48 | 0.09 | 3.00 | Pass | | | |
| | RB15#0 | 22.00 | -2.5 | 19.50 | 0.09 | 3.00 | Pass | | | |
| MCH | RB1#0 | 22.89 | -2.5 | 20.39 | 0.11 | 3.00 | Pass | | | |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict | |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|------|
| | | 5 | | RB1#7 | 22.95 | -2.5 | 20.45 | 0.11 | 3.00 | Pass | |
| | | | | RB1#14 | 22.83 | -2.5 | 20.33 | 0.11 | 3.00 | Pass | |
| | | | | RB8#0 | 21.96 | -2.5 | 19.46 | 0.09 | 3.00 | Pass | |
| | | | | RB8#4 | 21.97 | -2.5 | 19.47 | 0.09 | 3.00 | Pass | |
| | | | | RB8#7 | 21.93 | -2.5 | 19.43 | 0.09 | 3.00 | Pass | |
| | | | | RB15#0 | 21.94 | -2.5 | 19.44 | 0.09 | 3.00 | Pass | |
| | | | HCH | RB1#0 | 22.81 | -2.5 | 20.31 | 0.11 | 3.00 | Pass | |
| | | | | RB1#7 | 22.93 | -2.5 | 20.43 | 0.11 | 3.00 | Pass | |
| | | | | RB1#14 | 22.91 | -2.5 | 20.41 | 0.11 | 3.00 | Pass | |
| | | | | RB8#0 | 21.95 | -2.5 | 19.45 | 0.09 | 3.00 | Pass | |
| | | | | RB8#4 | 21.98 | -2.5 | 19.48 | 0.09 | 3.00 | Pass | |
| | | | | RB8#7 | 21.98 | -2.5 | 19.48 | 0.09 | 3.00 | Pass | |
| | | | 5 | LCH | RB1#0 | 23.13 | -2.5 | 20.63 | 0.12 | 3.00 | Pass |
| | | | | | RB1#13 | 23.11 | -2.5 | 20.61 | 0.12 | 3.00 | Pass |
| | | RB1#24 | | | 23.07 | -2.5 | 20.57 | 0.11 | 3.00 | Pass | |
| | | RB12#0 | | | 22.04 | -2.5 | 19.54 | 0.09 | 3.00 | Pass | |
| | | RB12#6 | | | 22.04 | -2.5 | 19.54 | 0.09 | 3.00 | Pass | |
| | | RB12#13 | | | 22.04 | -2.5 | 19.54 | 0.09 | 3.00 | Pass | |
| | | RB25#0 | | | 22.01 | -2.5 | 19.51 | 0.09 | 3.00 | Pass | |
| | | MCH | | RB1#0 | 22.96 | -2.5 | 20.46 | 0.11 | 3.00 | Pass | |
| | | | | RB1#13 | 22.98 | -2.5 | 20.48 | 0.11 | 3.00 | Pass | |
| | | | | RB1#24 | 22.90 | -2.5 | 20.40 | 0.11 | 3.00 | Pass | |
| | | | | RB12#0 | 22.00 | -2.5 | 19.50 | 0.09 | 3.00 | Pass | |
| | | | | RB12#6 | 22.00 | -2.5 | 19.50 | 0.09 | 3.00 | Pass | |
| | | | | RB12#13 | 21.96 | -2.5 | 19.46 | 0.09 | 3.00 | Pass | |
| | | | | RB25#0 | 21.94 | -2.5 | 19.44 | 0.09 | 3.00 | Pass | |
| | | HCH | RB1#0 | 22.92 | -2.5 | 20.42 | 0.11 | 3.00 | Pass | | |
| | | | RB1#13 | 22.97 | -2.5 | 20.47 | 0.11 | 3.00 | Pass | | |
| | | | RB1#24 | 23.03 | -2.5 | 20.53 | 0.11 | 3.00 | Pass | | |
| | | | RB12#0 | 21.98 | -2.5 | 19.48 | 0.09 | 3.00 | Pass | | |
| | | | RB12#6 | 21.99 | -2.5 | 19.49 | 0.09 | 3.00 | Pass | | |
| | | | RB12#13 | 22.01 | -2.5 | 19.51 | 0.09 | 3.00 | Pass | | |
| | | | RB25#0 | 21.95 | -2.5 | 19.45 | 0.09 | 3.00 | Pass | | |
| | | 10 | LCH | RB1#0 | 22.96 | -2.5 | 20.46 | 0.11 | 3.00 | Pass | |
| | | | | RB1#25 | 22.96 | -2.5 | 20.46 | 0.11 | 3.00 | Pass | |
| | | | | RB1#49 | 22.89 | -2.5 | 20.39 | 0.11 | 3.00 | Pass | |
| | | | | RB25#0 | 21.98 | -2.5 | 19.48 | 0.09 | 3.00 | Pass | |
| | | | | RB25#13 | 21.99 | -2.5 | 19.49 | 0.09 | 3.00 | Pass | |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|
| 16QAM | 1.4 | | | RB25#25 | 21.93 | -2.5 | 19.43 | 0.09 | 3.00 | Pass |
| | | | | RB50#0 | 21.98 | -2.5 | 19.48 | 0.09 | 3.00 | Pass |
| | | | MCH | RB1#0 | 23.00 | -2.5 | 20.50 | 0.11 | 3.00 | Pass |
| | | | | RB1#25 | 22.97 | -2.5 | 20.47 | 0.11 | 3.00 | Pass |
| | | | | RB1#49 | 22.89 | -2.5 | 20.39 | 0.11 | 3.00 | Pass |
| | | | | RB25#0 | 21.96 | -2.5 | 19.46 | 0.09 | 3.00 | Pass |
| | | | | RB25#13 | 21.91 | -2.5 | 19.41 | 0.09 | 3.00 | Pass |
| | | | | RB25#25 | 21.88 | -2.5 | 19.38 | 0.09 | 3.00 | Pass |
| | | | | RB50#0 | 21.95 | -2.5 | 19.45 | 0.09 | 3.00 | Pass |
| | | | | HCH | RB1#0 | 22.93 | -2.5 | 20.43 | 0.11 | 3.00 |
| | | | RB1#25 | | 22.83 | -2.5 | 20.33 | 0.11 | 3.00 | Pass |
| | | | RB1#49 | | 22.95 | -2.5 | 20.45 | 0.11 | 3.00 | Pass |
| | | | RB25#0 | | 21.91 | -2.5 | 19.41 | 0.09 | 3.00 | Pass |
| | | | RB25#13 | | 21.91 | -2.5 | 19.41 | 0.09 | 3.00 | Pass |
| | | | RB25#25 | | 21.92 | -2.5 | 19.42 | 0.09 | 3.00 | Pass |
| | | | RB50#0 | | 21.95 | -2.5 | 19.45 | 0.09 | 3.00 | Pass |
| | 3 | LCH | | | RB1#0 | 22.07 | -2.5 | 19.57 | 0.09 | 3.00 |
| | | | | RB1#3 | 22.15 | -2.5 | 19.65 | 0.09 | 3.00 | Pass |
| | | | | RB1#5 | 22.09 | -2.5 | 19.59 | 0.09 | 3.00 | Pass |
| | | | | RB3#0 | 22.08 | -2.5 | 19.58 | 0.09 | 3.00 | Pass |
| | | | | RB3#2 | 22.06 | -2.5 | 19.56 | 0.09 | 3.00 | Pass |
| | | | | RB3#3 | 22.11 | -2.5 | 19.61 | 0.09 | 3.00 | Pass |
| | | | | RB6#0 | 21.13 | -2.5 | 18.63 | 0.07 | 3.00 | Pass |
| | | | | MCH | RB1#0 | 22.29 | -2.5 | 19.79 | 0.10 | 3.00 |
| | | RB1#3 | 22.32 | | -2.5 | 19.82 | 0.10 | 3.00 | Pass | |
| | | RB1#5 | 22.28 | | -2.5 | 19.78 | 0.10 | 3.00 | Pass | |
| | | RB3#0 | 22.18 | | -2.5 | 19.68 | 0.09 | 3.00 | Pass | |
| | | RB3#2 | 22.15 | | -2.5 | 19.65 | 0.09 | 3.00 | Pass | |
| | | RB3#3 | 22.17 | | -2.5 | 19.67 | 0.09 | 3.00 | Pass | |
| | | RB6#0 | 20.83 | | -2.5 | 18.33 | 0.07 | 3.00 | Pass | |
| | | HCH | RB1#0 | | 21.93 | -2.5 | 19.43 | 0.09 | 3.00 | Pass |
| | | | RB1#3 | 21.99 | -2.5 | 19.49 | 0.09 | 3.00 | Pass | |
| RB1#5 | 21.95 | | -2.5 | 19.45 | 0.09 | 3.00 | Pass | | | |
| RB3#0 | 22.15 | | -2.5 | 19.65 | 0.09 | 3.00 | Pass | | | |
| RB3#2 | 22.12 | | -2.5 | 19.62 | 0.09 | 3.00 | Pass | | | |
| RB3#3 | 22.12 | | -2.5 | 19.62 | 0.09 | 3.00 | Pass | | | |
| RB6#0 | 21.11 | | -2.5 | 18.61 | 0.07 | 3.00 | Pass | | | |
| LCH | RB1#0 | | 21.84 | -2.5 | 19.34 | 0.09 | 3.00 | Pass | | |
| | RB1#7 | 21.87 | -2.5 | 19.37 | 0.09 | 3.00 | Pass | | | |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|
| | | 5 | | RB1#14 | 21.81 | -2.5 | 19.31 | 0.09 | 3.00 | Pass |
| | | | | RB8#0 | 21.11 | -2.5 | 18.61 | 0.07 | 3.00 | Pass |
| | | | | RB8#4 | 21.13 | -2.5 | 18.63 | 0.07 | 3.00 | Pass |
| | | | | RB8#7 | 21.12 | -2.5 | 18.62 | 0.07 | 3.00 | Pass |
| | | | | RB15#0 | 21.06 | -2.5 | 18.56 | 0.07 | 3.00 | Pass |
| | | | MCH | RB1#0 | 22.29 | -2.5 | 19.79 | 0.10 | 3.00 | Pass |
| | | | | RB1#7 | 22.31 | -2.5 | 19.81 | 0.10 | 3.00 | Pass |
| | | | | RB1#14 | 22.22 | -2.5 | 19.72 | 0.09 | 3.00 | Pass |
| | | | | RB8#0 | 21.08 | -2.5 | 18.58 | 0.07 | 3.00 | Pass |
| | | | | RB8#4 | 21.08 | -2.5 | 18.58 | 0.07 | 3.00 | Pass |
| | | | | RB8#7 | 21.04 | -2.5 | 18.54 | 0.07 | 3.00 | Pass |
| | | | HCH | RB15#0 | 21.00 | -2.5 | 18.50 | 0.07 | 3.00 | Pass |
| | | | | RB1#0 | 21.91 | -2.5 | 19.41 | 0.09 | 3.00 | Pass |
| | | | | RB1#7 | 21.96 | -2.5 | 19.46 | 0.09 | 3.00 | Pass |
| | | | | RB1#14 | 21.87 | -2.5 | 19.37 | 0.09 | 3.00 | Pass |
| | | | | RB8#0 | 21.01 | -2.5 | 18.51 | 0.07 | 3.00 | Pass |
| | | | | RB8#4 | 21.04 | -2.5 | 18.54 | 0.07 | 3.00 | Pass |
| | | | 5 | LCH | RB8#7 | 21.01 | -2.5 | 18.51 | 0.07 | 3.00 |
| | | RB15#0 | | | 20.94 | -2.5 | 18.44 | 0.07 | 3.00 | Pass |
| | | RB1#0 | | | 22.18 | -2.5 | 19.68 | 0.09 | 3.00 | Pass |
| | | RB1#13 | | | 22.18 | -2.5 | 19.68 | 0.09 | 3.00 | Pass |
| | | RB1#24 | | | 22.21 | -2.5 | 19.71 | 0.09 | 3.00 | Pass |
| | | RB12#0 | | | 21.16 | -2.5 | 18.66 | 0.07 | 3.00 | Pass |
| | | MCH | | RB12#6 | 21.15 | -2.5 | 18.65 | 0.07 | 3.00 | Pass |
| | | | | RB12#13 | 21.17 | -2.5 | 18.67 | 0.07 | 3.00 | Pass |
| | | | | RB25#0 | 21.08 | -2.5 | 18.58 | 0.07 | 3.00 | Pass |
| | | | | RB1#0 | 22.50 | -2.5 | 20.00 | 0.10 | 3.00 | Pass |
| | | | | RB1#13 | 22.49 | -2.5 | 19.99 | 0.10 | 3.00 | Pass |
| | | | | RB1#24 | 22.41 | -2.5 | 19.91 | 0.10 | 3.00 | Pass |
| | | HCH | | RB12#0 | 21.16 | -2.5 | 18.66 | 0.07 | 3.00 | Pass |
| | | | | RB12#6 | 21.16 | -2.5 | 18.66 | 0.07 | 3.00 | Pass |
| | | | | RB12#13 | 21.13 | -2.5 | 18.63 | 0.07 | 3.00 | Pass |
| | | | | RB25#0 | 21.02 | -2.5 | 18.52 | 0.07 | 3.00 | Pass |
| | | | | RB1#0 | 21.98 | -2.5 | 19.48 | 0.09 | 3.00 | Pass |
| | | | | RB1#13 | 22.06 | -2.5 | 19.56 | 0.09 | 3.00 | Pass |
| | | | RB1#24 | 22.06 | -2.5 | 19.56 | 0.09 | 3.00 | Pass | |
| RB12#0 | 21.08 | | -2.5 | 18.58 | 0.07 | 3.00 | Pass | | | |
| RB12#6 | 21.07 | | -2.5 | 18.57 | 0.07 | 3.00 | Pass | | | |
| RB12#13 | 21.08 | | -2.5 | 18.58 | 0.07 | 3.00 | Pass | | | |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict | | | |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|------|------|------|
| | | 10 | LCH | RB25#0 | 20.94 | -2.5 | 18.44 | 0.07 | 3.00 | Pass | | | |
| | | | | RB1#0 | 21.89 | -2.5 | 19.39 | 0.09 | 3.00 | Pass | | | |
| | | | | RB1#25 | 21.93 | -2.5 | 19.43 | 0.09 | 3.00 | Pass | | | |
| | | | | RB1#49 | 21.83 | -2.5 | 19.33 | 0.09 | 3.00 | Pass | | | |
| | | | | RB25#0 | 21.04 | -2.5 | 18.54 | 0.07 | 3.00 | Pass | | | |
| | | | | RB25#13 | 21.02 | -2.5 | 18.52 | 0.07 | 3.00 | Pass | | | |
| | | | | RB25#25 | 20.98 | -2.5 | 18.48 | 0.07 | 3.00 | Pass | | | |
| | | | | RB50#0 | 20.99 | -2.5 | 18.49 | 0.07 | 3.00 | Pass | | | |
| | | | MCH | RB1#0 | 22.40 | -2.5 | 19.90 | 0.10 | 3.00 | Pass | | | |
| | | | | RB1#25 | 22.30 | -2.5 | 19.80 | 0.10 | 3.00 | Pass | | | |
| | | | | RB1#49 | 22.23 | -2.5 | 19.73 | 0.09 | 3.00 | Pass | | | |
| | | | | RB25#0 | 21.01 | -2.5 | 18.51 | 0.07 | 3.00 | Pass | | | |
| | | | | RB25#13 | 20.98 | -2.5 | 18.48 | 0.07 | 3.00 | Pass | | | |
| | | | | RB25#25 | 20.99 | -2.5 | 18.49 | 0.07 | 3.00 | Pass | | | |
| | | | | RB50#0 | 20.98 | -2.5 | 18.48 | 0.07 | 3.00 | Pass | | | |
| | | | HCH | RB1#0 | 21.96 | -2.5 | 19.46 | 0.09 | 3.00 | Pass | | | |
| | | | | RB1#25 | 21.89 | -2.5 | 19.39 | 0.09 | 3.00 | Pass | | | |
| | | | | RB1#49 | 21.94 | -2.5 | 19.44 | 0.09 | 3.00 | Pass | | | |
| | | | | RB25#0 | 21.02 | -2.5 | 18.52 | 0.07 | 3.00 | Pass | | | |
| | | | | RB25#13 | 21.05 | -2.5 | 18.55 | 0.07 | 3.00 | Pass | | | |
| | | | | RB25#25 | 21.06 | -2.5 | 18.56 | 0.07 | 3.00 | Pass | | | |
| | | | | RB50#0 | 21.02 | -2.5 | 18.52 | 0.07 | 3.00 | Pass | | | |
| | | | Band 17 | QPSK | 5 MHz | LCH | RB1#0 | 23.1 | -2.5 | 20.60 | 0.11 | 3.00 | Pass |
| | | | | | | | RB1#13 | 23.07 | -2.5 | 20.57 | 0.11 | 3.00 | Pass |
| | | | | | | | RB1#24 | 23.02 | -2.5 | 20.52 | 0.11 | 3.00 | Pass |
| | | | | | | | RB12#0 | 22.03 | -2.5 | 19.53 | 0.09 | 3.00 | Pass |
| | | | | | | | RB12#6 | 22 | -2.5 | 19.50 | 0.09 | 3.00 | Pass |
| | | | | | | | RB12#13 | 21.99 | -2.5 | 19.49 | 0.09 | 3.00 | Pass |
| RB25#0 | 21.98 | -2.5 | | | | | 19.48 | 0.09 | 3.00 | Pass | | | |
| MCH | RB1#0 | 22.94 | | | | -2.5 | 20.44 | 0.11 | 3.00 | Pass | | | |
| | RB1#13 | 22.94 | | | | -2.5 | 20.44 | 0.11 | 3.00 | Pass | | | |
| | RB1#24 | 22.94 | | | | -2.5 | 20.44 | 0.11 | 3.00 | Pass | | | |
| | RB12#0 | 21.99 | | | | -2.5 | 19.49 | 0.09 | 3.00 | Pass | | | |
| | RB12#6 | 21.99 | | | | -2.5 | 19.49 | 0.09 | 3.00 | Pass | | | |
| | RB12#13 | 21.98 | | | | -2.5 | 19.48 | 0.09 | 3.00 | Pass | | | |
| HCH | RB25#0 | 21.93 | | | | -2.5 | 19.43 | 0.09 | 3.00 | Pass | | | |
| | RB1#0 | 22.94 | | | | -2.5 | 20.44 | 0.11 | 3.00 | Pass | | | |
| | RB1#13 | 23 | | | | -2.5 | 20.50 | 0.11 | 3.00 | Pass | | | |
| | RB1#24 | 23.03 | | | | -2.5 | 20.53 | 0.11 | 3.00 | Pass | | | |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|
| | | 10 MHz | | RB12#0 | 22.02 | -2.5 | 19.52 | 0.09 | 3.00 | Pass |
| | | | | RB12#6 | 22.02 | -2.5 | 19.52 | 0.09 | 3.00 | Pass |
| | | | | RB12#13 | 22.04 | -2.5 | 19.54 | 0.09 | 3.00 | Pass |
| | | | | RB25#0 | 21.98 | -2.5 | 19.48 | 0.09 | 3.00 | Pass |
| | | | LCH | RB1#0 | 22.94 | -2.5 | 20.44 | 0.11 | 3.00 | Pass |
| | | | | RB1#25 | 22.91 | -2.5 | 20.41 | 0.11 | 3.00 | Pass |
| | | | | RB1#49 | 22.9 | -2.5 | 20.40 | 0.11 | 3.00 | Pass |
| | | | | RB25#0 | 21.95 | -2.5 | 19.45 | 0.09 | 3.00 | Pass |
| | | | | RB25#13 | 21.93 | -2.5 | 19.43 | 0.09 | 3.00 | Pass |
| | | | | RB25#25 | 21.92 | -2.5 | 19.42 | 0.09 | 3.00 | Pass |
| | | | MCH | RB50#0 | 21.99 | -2.5 | 19.49 | 0.09 | 3.00 | Pass |
| | | | | RB1#0 | 23.02 | -2.5 | 20.52 | 0.11 | 3.00 | Pass |
| | | RB1#25 | | 22.94 | -2.5 | 20.44 | 0.11 | 3.00 | Pass | |
| | | RB1#49 | | 23 | -2.5 | 20.50 | 0.11 | 3.00 | Pass | |
| | | RB25#0 | | 21.95 | -2.5 | 19.45 | 0.09 | 3.00 | Pass | |
| | | RB25#13 | | 21.93 | -2.5 | 19.43 | 0.09 | 3.00 | Pass | |
| | | HCH | RB25#25 | 21.94 | -2.5 | 19.44 | 0.09 | 3.00 | Pass | |
| | | | RB50#0 | 21.99 | -2.5 | 19.49 | 0.09 | 3.00 | Pass | |
| | | | RB1#0 | 22.94 | -2.5 | 20.44 | 0.11 | 3.00 | Pass | |
| | | | RB1#25 | 22.88 | -2.5 | 20.38 | 0.11 | 3.00 | Pass | |
| | | | RB1#49 | 22.95 | -2.5 | 20.45 | 0.11 | 3.00 | Pass | |
| | | | RB25#0 | 21.94 | -2.5 | 19.44 | 0.09 | 3.00 | Pass | |
| | | 5 MHz | LCH | RB25#13 | -2.5 | 19.44 | 0.09 | 3.00 | Pass | |
| | | | | RB25#25 | 21.95 | -2.5 | 19.45 | 0.09 | 3.00 | Pass |
| | RB50#0 | | | 21.99 | -2.5 | 19.49 | 0.09 | 3.00 | Pass | |
| | RB1#0 | | | 22.22 | -2.5 | 19.72 | 0.09 | 3.00 | Pass | |
| | RB1#13 | | | 22.17 | -2.5 | 19.67 | 0.09 | 3.00 | Pass | |
| | RB1#24 | | | 22.12 | -2.5 | 19.62 | 0.09 | 3.00 | Pass | |
| | MCH | | RB12#0 | 21.13 | -2.5 | 18.63 | 0.07 | 3.00 | Pass | |
| | | | RB12#6 | 21.12 | -2.5 | 18.62 | 0.07 | 3.00 | Pass | |
| | | | RB12#13 | 21.1 | -2.5 | 18.60 | 0.07 | 3.00 | Pass | |
| | | | RB25#0 | 21.03 | -2.5 | 18.53 | 0.07 | 3.00 | Pass | |
| RB1#0 | | | 22.47 | -2.5 | 19.97 | 0.10 | 3.00 | Pass | | |
| RB1#13 | | | 22.48 | -2.5 | 19.98 | 0.10 | 3.00 | Pass | | |
| | RB1#24 | 22.45 | -2.5 | 19.95 | 0.10 | 3.00 | Pass | | | |
| | RB12#0 | 21.17 | -2.5 | 18.67 | 0.07 | 3.00 | Pass | | | |
| | RB12#6 | 21.17 | -2.5 | 18.67 | 0.07 | 3.00 | Pass | | | |
| | RB12#13 | 21.15 | -2.5 | 18.65 | 0.07 | 3.00 | Pass | | | |
| | RB25#0 | 21.03 | -2.5 | 18.53 | 0.07 | 3.00 | Pass | | | |
| | RB25#0 | 21.03 | -2.5 | 18.53 | 0.07 | 3.00 | Pass | | | |

| Tes Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|
| | | 10 MHz | HCH | RB1#0 | 22.02 | -2.5 | 19.52 | 0.09 | 3.00 | Pass |
| | | | | RB1#13 | 22.08 | -2.5 | 19.58 | 0.09 | 3.00 | Pass |
| | | | | RB1#24 | 22.07 | -2.5 | 19.57 | 0.09 | 3.00 | Pass |
| | | | | RB12#0 | 21.11 | -2.5 | 18.61 | 0.07 | 3.00 | Pass |
| | | | | RB12#6 | 21.11 | -2.5 | 18.61 | 0.07 | 3.00 | Pass |
| | | | | RB12#13 | 21.11 | -2.5 | 18.61 | 0.07 | 3.00 | Pass |
| | | | | RB25#0 | 20.97 | -2.5 | 18.47 | 0.07 | 3.00 | Pass |
| | | | LCH | RB1#0 | 21.92 | -2.5 | 19.42 | 0.09 | 3.00 | Pass |
| | | | | RB1#25 | 21.83 | -2.5 | 19.33 | 0.09 | 3.00 | Pass |
| | | | | RB1#49 | 21.82 | -2.5 | 19.32 | 0.09 | 3.00 | Pass |
| | | | | RB25#0 | 21.02 | -2.5 | 18.52 | 0.07 | 3.00 | Pass |
| | | | | RB25#13 | 20.98 | -2.5 | 18.48 | 0.07 | 3.00 | Pass |
| | | | | RB25#25 | 21 | -2.5 | 18.50 | 0.07 | 3.00 | Pass |
| | | | | RB50#0 | 21 | -2.5 | 18.50 | 0.07 | 3.00 | Pass |
| | | MCH | RB1#0 | 22.36 | -2.5 | 19.86 | 0.10 | 3.00 | Pass | |
| | | | RB1#25 | 22.28 | -2.5 | 19.78 | 0.10 | 3.00 | Pass | |
| | | | RB1#49 | 22.32 | -2.5 | 19.82 | 0.10 | 3.00 | Pass | |
| | | | RB25#0 | 21.04 | -2.5 | 18.54 | 0.07 | 3.00 | Pass | |
| | | | RB25#13 | 21.01 | -2.5 | 18.51 | 0.07 | 3.00 | Pass | |
| | | | RB25#25 | 21.03 | -2.5 | 18.53 | 0.07 | 3.00 | Pass | |
| | | | RB50#0 | 21.02 | -2.5 | 18.52 | 0.07 | 3.00 | Pass | |
| | | HCH | RB1#0 | 22.02 | -2.5 | 19.52 | 0.09 | 3.00 | Pass | |
| | | | RB1#25 | 21.94 | -2.5 | 19.44 | 0.09 | 3.00 | Pass | |
| | | | RB1#49 | 21.95 | -2.5 | 19.45 | 0.09 | 3.00 | Pass | |
| | | | RB25#0 | 21.06 | -2.5 | 18.56 | 0.07 | 3.00 | Pass | |
| | | | RB25#13 | 21.07 | -2.5 | 18.57 | 0.07 | 3.00 | Pass | |
| | | | RB25#25 | 21.09 | -2.5 | 18.59 | 0.07 | 3.00 | Pass | |
| | | | RB50#0 | 21.05 | -2.5 | 18.55 | 0.07 | 3.00 | Pass | |
| Band 28 | QPSK | 3 MHz | LCH | RB1#0 | 22.43 | -2.5 | 19.93 | 0.10 | 3.00 | Pass |
| | | | | RB1#7 | 22.44 | -2.5 | 19.94 | 0.10 | 3.00 | Pass |
| | | | | RB1#14 | 22.35 | -2.5 | 19.85 | 0.10 | 3.00 | Pass |
| | | | | RB8#0 | 21.46 | -2.5 | 18.96 | 0.08 | 3.00 | Pass |
| | | | | RB8#4 | 21.45 | -2.5 | 18.95 | 0.08 | 3.00 | Pass |
| | | | | RB8#7 | 21.43 | -2.5 | 18.93 | 0.08 | 3.00 | Pass |
| | | | | RB15#0 | 21.44 | -2.5 | 18.94 | 0.08 | 3.00 | Pass |
| | | | MCH | RB1#0 | 22.36 | -2.5 | 19.86 | 0.10 | 3.00 | Pass |
| | | | | RB1#7 | 22.42 | -2.5 | 19.92 | 0.10 | 3.00 | Pass |
| | | | | RB1#14 | 22.36 | -2.5 | 19.86 | 0.10 | 3.00 | Pass |
| | | | | RB8#0 | 21.4 | -2.5 | 18.90 | 0.08 | 3.00 | Pass |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|
| | | 5 MHz | | RB8#4 | 21.39 | -2.5 | 18.89 | 0.08 | 3.00 | Pass |
| | | | | RB8#7 | 21.41 | -2.5 | 18.91 | 0.08 | 3.00 | Pass |
| | | | | RB15#0 | 21.33 | -2.5 | 18.83 | 0.08 | 3.00 | Pass |
| | | | HCH | RB1#0 | 22.39 | -2.5 | 19.89 | 0.10 | 3.00 | Pass |
| | | | | RB1#7 | 22.47 | -2.5 | 19.97 | 0.10 | 3.00 | Pass |
| | | | | RB1#14 | 22.5 | -2.5 | 20.00 | 0.10 | 3.00 | Pass |
| | | | | RB8#0 | 21.47 | -2.5 | 18.97 | 0.08 | 3.00 | Pass |
| | | | | RB8#4 | 21.5 | -2.5 | 19.00 | 0.08 | 3.00 | Pass |
| | | | | RB8#7 | 21.52 | -2.5 | 19.02 | 0.08 | 3.00 | Pass |
| | | | LCH | RB15#0 | 21.48 | -2.5 | 18.98 | 0.08 | 3.00 | Pass |
| | | | | RB1#0 | 22.63 | -2.5 | 20.13 | 0.10 | 3.00 | Pass |
| | | | | RB1#13 | 22.54 | -2.5 | 20.04 | 0.10 | 3.00 | Pass |
| | | | | RB1#24 | 22.45 | -2.5 | 19.95 | 0.10 | 3.00 | Pass |
| | | | | RB12#0 | 21.48 | -2.5 | 18.98 | 0.08 | 3.00 | Pass |
| | | | | RB12#6 | 21.47 | -2.5 | 18.97 | 0.08 | 3.00 | Pass |
| | | RB12#13 | | 21.43 | -2.5 | 18.93 | 0.08 | 3.00 | Pass | |
| | | MCH | RB25#0 | 21.42 | -2.5 | 18.92 | 0.08 | 3.00 | Pass | |
| | | | RB1#0 | 22.44 | -2.5 | 19.94 | 0.10 | 3.00 | Pass | |
| | | | RB1#13 | 22.44 | -2.5 | 19.94 | 0.10 | 3.00 | Pass | |
| | | | RB1#24 | 22.36 | -2.5 | 19.86 | 0.10 | 3.00 | Pass | |
| | | | RB12#0 | 21.4 | -2.5 | 18.90 | 0.08 | 3.00 | Pass | |
| | | | RB12#6 | 21.4 | -2.5 | 18.90 | 0.08 | 3.00 | Pass | |
| | | | RB12#13 | 21.39 | -2.5 | 18.89 | 0.08 | 3.00 | Pass | |
| | | HCH | RB25#0 | 21.32 | -2.5 | 18.82 | 0.08 | 3.00 | Pass | |
| | | | RB1#0 | 22.57 | -2.5 | 20.07 | 0.10 | 3.00 | Pass | |
| | | | RB1#13 | 22.63 | -2.5 | 20.13 | 0.10 | 3.00 | Pass | |
| | | | RB1#24 | 22.63 | -2.5 | 20.13 | 0.10 | 3.00 | Pass | |
| | | | RB12#0 | 21.58 | -2.5 | 19.08 | 0.08 | 3.00 | Pass | |
| | | | RB12#6 | 21.6 | -2.5 | 19.10 | 0.08 | 3.00 | Pass | |
| | | | RB12#13 | 21.63 | -2.5 | 19.13 | 0.08 | 3.00 | Pass | |
| | | 10 MHz | LCH | RB25#0 | 21.57 | -2.5 | 19.07 | 0.08 | 3.00 | Pass |
| | | | | RB1#0 | 22.5 | -2.5 | 20.00 | 0.10 | 3.00 | Pass |
| | | | | RB1#25 | 22.32 | -2.5 | 19.82 | 0.10 | 3.00 | Pass |
| RB1#49 | 22.38 | | | -2.5 | 19.88 | 0.10 | 3.00 | Pass | | |
| RB25#0 | 21.41 | | | -2.5 | 18.91 | 0.08 | 3.00 | Pass | | |
| RB25#13 | 21.37 | | | -2.5 | 18.87 | 0.08 | 3.00 | Pass | | |
| RB25#25 | 21.36 | | | -2.5 | 18.86 | 0.08 | 3.00 | Pass | | |
| MCH | RB50#0 | | 21.38 | -2.5 | 18.88 | 0.08 | 3.00 | Pass | | |
| | | | MCH | RB1#0 | 22.43 | -2.5 | 19.93 | 0.10 | 3.00 | Pass |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict | | |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|------|------|
| | | 15MHz | | RB1#25 | 22.42 | -2.5 | 19.92 | 0.10 | 3.00 | Pass | | |
| | | | | RB1#49 | 22.3 | -2.5 | 19.80 | 0.10 | 3.00 | Pass | | |
| | | | | RB25#0 | 21.32 | -2.5 | 18.82 | 0.08 | 3.00 | Pass | | |
| | | | | RB25#13 | 21.37 | -2.5 | 18.87 | 0.08 | 3.00 | Pass | | |
| | | | | RB25#25 | 21.33 | -2.5 | 18.83 | 0.08 | 3.00 | Pass | | |
| | | | | RB50#0 | 21.36 | -2.5 | 18.86 | 0.08 | 3.00 | Pass | | |
| | | | HCH | RB1#0 | 22.54 | -2.5 | 20.04 | 0.10 | 3.00 | Pass | | |
| | | | | RB1#25 | 22.49 | -2.5 | 19.99 | 0.10 | 3.00 | Pass | | |
| | | | | RB1#49 | 22.64 | -2.5 | 20.14 | 0.10 | 3.00 | Pass | | |
| | | | | RB25#0 | 21.49 | -2.5 | 18.99 | 0.08 | 3.00 | Pass | | |
| | | | | RB25#13 | 21.52 | -2.5 | 19.02 | 0.08 | 3.00 | Pass | | |
| | | | | RB25#25 | 21.55 | -2.5 | 19.05 | 0.08 | 3.00 | Pass | | |
| | | | LCH | RB50#0 | 21.54 | -2.5 | 19.04 | 0.08 | 3.00 | Pass | | |
| | | | | RB1#0 | 22.54 | -2.5 | 20.04 | 0.10 | 3.00 | Pass | | |
| | | RB1#38 | | 22.39 | -2.5 | 19.89 | 0.10 | 3.00 | Pass | | | |
| | | RB1#74 | | 22.4 | -2.5 | 19.90 | 0.10 | 3.00 | Pass | | | |
| | | RB36#0 | | 21.44 | -2.5 | 18.94 | 0.08 | 3.00 | Pass | | | |
| | | RB36#19 | | 21.41 | -2.5 | 18.91 | 0.08 | 3.00 | Pass | | | |
| | | RB36#39 | | 21.41 | -2.5 | 18.91 | 0.08 | 3.00 | Pass | | | |
| | | MCH | RB75#0 | 21.46 | -2.5 | 18.96 | 0.08 | 3.00 | Pass | | | |
| | | | RB1#0 | 22.45 | -2.5 | 19.95 | 0.10 | 3.00 | Pass | | | |
| | | | RB1#38 | 22.31 | -2.5 | 19.81 | 0.10 | 3.00 | Pass | | | |
| | | | RB1#74 | 22.51 | -2.5 | 20.01 | 0.10 | 3.00 | Pass | | | |
| | | | RB36#0 | 21.44 | -2.5 | 18.94 | 0.08 | 3.00 | Pass | | | |
| | | | RB36#19 | 21.37 | -2.5 | 18.87 | 0.08 | 3.00 | Pass | | | |
| | | | RB36#39 | 21.36 | -2.5 | 18.86 | 0.08 | 3.00 | Pass | | | |
| | | HCH | RB75#0 | 21.43 | -2.5 | 18.93 | 0.08 | 3.00 | Pass | | | |
| | | | RB1#0 | 22.6 | -2.5 | 20.10 | 0.10 | 3.00 | Pass | | | |
| | | | RB1#38 | 22.66 | -2.5 | 20.16 | 0.10 | 3.00 | Pass | | | |
| | | | RB1#74 | 22.77 | -2.5 | 20.27 | 0.11 | 3.00 | Pass | | | |
| | | | RB36#0 | 21.54 | -2.5 | 19.04 | 0.08 | 3.00 | Pass | | | |
| | | | RB36#19 | 21.59 | -2.5 | 19.09 | 0.08 | 3.00 | Pass | | | |
| | | 20 MHz | LCH | RB36#39 | 21.59 | -2.5 | 19.09 | 0.08 | 3.00 | Pass | | |
| | | | | RB75#0 | 21.59 | -2.5 | 19.09 | 0.08 | 3.00 | Pass | | |
| | | | | RB1#0 | 22.5 | -2.5 | 20.00 | 0.10 | 3.00 | Pass | | |
| | | | | RB1#50 | 22.34 | -2.5 | 19.84 | 0.10 | 3.00 | Pass | | |
| | | | | RB1#99 | 22.39 | -2.5 | 19.89 | 0.10 | 3.00 | Pass | | |
| | | | | | | RB50#0 | 21.42 | -2.5 | 18.92 | 0.08 | 3.00 | Pass |
| | | | | | | RB50#25 | 21.36 | -2.5 | 18.86 | 0.08 | 3.00 | Pass |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|
| Band 28 | 16QAM | 3 MHz | | RB50#50 | 21.33 | -2.5 | 18.83 | 0.08 | 3.00 | Pass |
| | | | | RB100#0 | 21.38 | -2.5 | 18.88 | 0.08 | 3.00 | Pass |
| | | | MCH | RB1#0 | 22.45 | -2.5 | 19.95 | 0.10 | 3.00 | Pass |
| | | | | RB1#50 | 22.39 | -2.5 | 19.89 | 0.10 | 3.00 | Pass |
| | | | | RB1#99 | 22.5 | -2.5 | 20.00 | 0.10 | 3.00 | Pass |
| | | | | RB50#0 | 21.51 | -2.5 | 19.01 | 0.08 | 3.00 | Pass |
| | | | | RB50#25 | 21.46 | -2.5 | 18.96 | 0.08 | 3.00 | Pass |
| | | | | RB50#50 | 21.42 | -2.5 | 18.92 | 0.08 | 3.00 | Pass |
| | | | | RB100#0 | 21.45 | -2.5 | 18.95 | 0.08 | 3.00 | Pass |
| | | | | HCH | RB1#0 | 22.54 | -2.5 | 20.04 | 0.10 | 3.00 |
| | | | RB1#50 | | 22.57 | -2.5 | 20.07 | 0.10 | 3.00 | Pass |
| | | | RB1#99 | | 22.69 | -2.5 | 20.19 | 0.10 | 3.00 | Pass |
| | | | RB50#0 | | 21.53 | -2.5 | 19.03 | 0.08 | 3.00 | Pass |
| | | | RB50#25 | | 21.48 | -2.5 | 18.98 | 0.08 | 3.00 | Pass |
| | | | RB50#50 | | 21.54 | -2.5 | 19.04 | 0.08 | 3.00 | Pass |
| | | | RB100#0 | | 21.53 | -2.5 | 19.03 | 0.08 | 3.00 | Pass |
| | | 3 MHz | LCH | RB1#0 | 21.2 | -2.5 | 18.70 | 0.07 | 3.00 | Pass |
| | | | | RB1#7 | 21.25 | -2.5 | 18.75 | 0.07 | 3.00 | Pass |
| | | | | RB1#14 | 21.19 | -2.5 | 18.69 | 0.07 | 3.00 | Pass |
| | | | | RB8#0 | 20.54 | -2.5 | 18.04 | 0.06 | 3.00 | Pass |
| | | | | RB8#4 | 20.56 | -2.5 | 18.06 | 0.06 | 3.00 | Pass |
| | | | | RB8#7 | 20.54 | -2.5 | 18.04 | 0.06 | 3.00 | Pass |
| | | | MCH | RB15#0 | 20.47 | -2.5 | 17.97 | 0.06 | 3.00 | Pass |
| | | | | RB1#0 | 21.52 | -2.5 | 19.02 | 0.08 | 3.00 | Pass |
| | | | | RB1#7 | 21.58 | -2.5 | 19.08 | 0.08 | 3.00 | Pass |
| | | | | RB1#14 | 21.55 | -2.5 | 19.05 | 0.08 | 3.00 | Pass |
| | | | | RB8#0 | 20.43 | -2.5 | 17.93 | 0.06 | 3.00 | Pass |
| | | | | RB8#4 | 20.42 | -2.5 | 17.92 | 0.06 | 3.00 | Pass |
| HCH | RB8#7 | 20.43 | -2.5 | 17.93 | 0.06 | 3.00 | Pass | | | |
| | RB15#0 | 20.33 | -2.5 | 17.83 | 0.06 | 3.00 | Pass | | | |
| | RB1#0 | 21.38 | -2.5 | 18.88 | 0.08 | 3.00 | Pass | | | |
| | RB1#7 | 21.39 | -2.5 | 18.89 | 0.08 | 3.00 | Pass | | | |
| | RB1#14 | 21.33 | -2.5 | 18.83 | 0.08 | 3.00 | Pass | | | |
| | RB8#0 | 20.53 | -2.5 | 18.03 | 0.06 | 3.00 | Pass | | | |
| 5MHz | LCH | RB8#4 | 20.54 | -2.5 | 18.04 | 0.06 | 3.00 | Pass | | |
| | | RB8#7 | 20.52 | -2.5 | 18.02 | 0.06 | 3.00 | Pass | | |
| 5MHz | LCH | RB15#0 | 20.43 | -2.5 | 17.93 | 0.06 | 3.00 | Pass | | |
| | | RB1#0 | 21.56 | -2.5 | 19.06 | 0.08 | 3.00 | Pass | | |
| 5MHz | LCH | RB1#13 | 21.54 | -2.5 | 19.04 | 0.08 | 3.00 | Pass | | |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict | |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|------|
| | | 10MHz | | RB1#24 | 21.46 | -2.5 | 18.96 | 0.08 | 3.00 | Pass | |
| | | | | RB12#0 | 20.57 | -2.5 | 18.07 | 0.06 | 3.00 | Pass | |
| | | | | RB12#6 | 20.55 | -2.5 | 18.05 | 0.06 | 3.00 | Pass | |
| | | | | RB12#13 | 20.55 | -2.5 | 18.05 | 0.06 | 3.00 | Pass | |
| | | | | RB25#0 | 20.46 | -2.5 | 17.96 | 0.06 | 3.00 | Pass | |
| | | | MCH | RB1#0 | 21.76 | -2.5 | 19.26 | 0.08 | 3.00 | Pass | |
| | | | | RB1#13 | 21.78 | -2.5 | 19.28 | 0.08 | 3.00 | Pass | |
| | | | | RB1#24 | 21.74 | -2.5 | 19.24 | 0.08 | 3.00 | Pass | |
| | | | | RB12#0 | 20.49 | -2.5 | 17.99 | 0.06 | 3.00 | Pass | |
| | | | | RB12#6 | 20.47 | -2.5 | 17.97 | 0.06 | 3.00 | Pass | |
| | | | | RB12#13 | 20.47 | -2.5 | 17.97 | 0.06 | 3.00 | Pass | |
| | | | HCH | RB25#0 | 20.37 | -2.5 | 17.87 | 0.06 | 3.00 | Pass | |
| | | | | RB1#0 | 21.57 | -2.5 | 19.07 | 0.08 | 3.00 | Pass | |
| | | | | RB1#13 | 21.62 | -2.5 | 19.12 | 0.08 | 3.00 | Pass | |
| | | | | RB1#24 | 21.55 | -2.5 | 19.05 | 0.08 | 3.00 | Pass | |
| | | | | RB12#0 | 20.61 | -2.5 | 18.11 | 0.06 | 3.00 | Pass | |
| | | | | RB12#6 | 20.64 | -2.5 | 18.14 | 0.07 | 3.00 | Pass | |
| | | | 10MHz | LCH | RB12#13 | 20.65 | -2.5 | 18.15 | 0.07 | 3.00 | Pass |
| | | | | | RB25#0 | 20.49 | -2.5 | 17.99 | 0.06 | 3.00 | Pass |
| | | | | | RB1#0 | 21.28 | -2.5 | 18.78 | 0.08 | 3.00 | Pass |
| | | | | | RB1#25 | 21.21 | -2.5 | 18.71 | 0.07 | 3.00 | Pass |
| | | RB1#49 | | | 21.18 | -2.5 | 18.68 | 0.07 | 3.00 | Pass | |
| | | RB25#0 | | | 20.45 | -2.5 | 17.95 | 0.06 | 3.00 | Pass | |
| | | RB25#13 | | | 20.42 | -2.5 | 17.92 | 0.06 | 3.00 | Pass | |
| | | MCH | | RB25#25 | 20.41 | -2.5 | 17.91 | 0.06 | 3.00 | Pass | |
| | | | | RB50#0 | 20.41 | -2.5 | 17.91 | 0.06 | 3.00 | Pass | |
| | | | | RB1#0 | 21.57 | -2.5 | 19.07 | 0.08 | 3.00 | Pass | |
| | | | | RB1#25 | 21.58 | -2.5 | 19.08 | 0.08 | 3.00 | Pass | |
| | | | | RB1#49 | 21.53 | -2.5 | 19.03 | 0.08 | 3.00 | Pass | |
| | | | | RB25#0 | 20.32 | -2.5 | 17.82 | 0.06 | 3.00 | Pass | |
| | | HCH | | RB25#13 | 20.37 | -2.5 | 17.87 | 0.06 | 3.00 | Pass | |
| | | | | RB25#25 | 20.36 | -2.5 | 17.86 | 0.06 | 3.00 | Pass | |
| | | | RB50#0 | 20.34 | -2.5 | 17.84 | 0.06 | 3.00 | Pass | | |
| | | | RB1#0 | 21.4 | -2.5 | 18.90 | 0.08 | 3.00 | Pass | | |
| | | | RB1#25 | 21.42 | -2.5 | 18.92 | 0.08 | 3.00 | Pass | | |
| | | | RB1#49 | 21.48 | -2.5 | 18.98 | 0.08 | 3.00 | Pass | | |
| | | 10MHz | HCH | RB25#0 | 20.54 | -2.5 | 18.04 | 0.06 | 3.00 | Pass | |
| | | | | RB25#13 | 20.58 | -2.5 | 18.08 | 0.06 | 3.00 | Pass | |
| | | | | RB25#25 | 20.62 | -2.5 | 18.12 | 0.06 | 3.00 | Pass | |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|
| | | 15 MHz | LCH | RB50#0 | 20.51 | -2.5 | 18.01 | 0.06 | 3.00 | Pass |
| | | | | RB1#0 | 21.3 | -2.5 | 18.80 | 0.08 | 3.00 | Pass |
| | | | | RB1#38 | 21.23 | -2.5 | 18.73 | 0.07 | 3.00 | Pass |
| | | | | RB1#74 | 21.14 | -2.5 | 18.64 | 0.07 | 3.00 | Pass |
| | | | | RB36#0 | 20.42 | -2.5 | 17.92 | 0.06 | 3.00 | Pass |
| | | | | RB36#19 | 20.41 | -2.5 | 17.91 | 0.06 | 3.00 | Pass |
| | | | | RB36#39 | 20.39 | -2.5 | 17.89 | 0.06 | 3.00 | Pass |
| | | | | RB75#0 | 20.43 | -2.5 | 17.93 | 0.06 | 3.00 | Pass |
| | | | MCH | RB1#0 | 21.6 | -2.5 | 19.10 | 0.08 | 3.00 | Pass |
| | | | | RB1#38 | 21.56 | -2.5 | 19.06 | 0.08 | 3.00 | Pass |
| | | | | RB1#74 | 21.58 | -2.5 | 19.08 | 0.08 | 3.00 | Pass |
| | | | | RB36#0 | 20.42 | -2.5 | 17.92 | 0.06 | 3.00 | Pass |
| | | | | RB36#19 | 20.36 | -2.5 | 17.86 | 0.06 | 3.00 | Pass |
| | | | | RB36#39 | 20.35 | -2.5 | 17.85 | 0.06 | 3.00 | Pass |
| | | | | RB75#0 | 20.37 | -2.5 | 17.87 | 0.06 | 3.00 | Pass |
| | | HCH | RB1#0 | 21.74 | -2.5 | 19.24 | 0.08 | 3.00 | Pass | |
| | | | RB1#38 | 21.68 | -2.5 | 19.18 | 0.08 | 3.00 | Pass | |
| | | | RB1#74 | 21.74 | -2.5 | 19.24 | 0.08 | 3.00 | Pass | |
| | | | RB36#0 | 20.46 | -2.5 | 17.96 | 0.06 | 3.00 | Pass | |
| | | | RB36#19 | 20.47 | -2.5 | 17.97 | 0.06 | 3.00 | Pass | |
| | | | RB36#39 | 20.52 | -2.5 | 18.02 | 0.06 | 3.00 | Pass | |
| | | | RB75#0 | 20.51 | -2.5 | 18.01 | 0.06 | 3.00 | Pass | |
| | | 20 MHz | LCH | RB1#0 | 21.91 | -2.5 | 19.41 | 0.09 | 3.00 | Pass |
| | | | | RB1#50 | 21.74 | -2.5 | 19.24 | 0.08 | 3.00 | Pass |
| | | | | RB1#99 | 21.79 | -2.5 | 19.29 | 0.08 | 3.00 | Pass |
| | | | | RB50#0 | 20.47 | -2.5 | 17.97 | 0.06 | 3.00 | Pass |
| | | | | RB50#25 | 20.38 | -2.5 | 17.88 | 0.06 | 3.00 | Pass |
| | | | | RB50#50 | 20.35 | -2.5 | 17.85 | 0.06 | 3.00 | Pass |
| | | | | RB100#0 | 20.41 | -2.5 | 17.91 | 0.06 | 3.00 | Pass |
| | | | MCH | RB1#0 | 21.69 | -2.5 | 19.19 | 0.08 | 3.00 | Pass |
| | | | | RB1#50 | 21.76 | -2.5 | 19.26 | 0.08 | 3.00 | Pass |
| | | | | RB1#99 | 21.69 | -2.5 | 19.19 | 0.08 | 3.00 | Pass |
| | | | | RB50#0 | 20.51 | -2.5 | 18.01 | 0.06 | 3.00 | Pass |
| | | | | RB50#25 | 20.48 | -2.5 | 17.98 | 0.06 | 3.00 | Pass |
| | | | | RB50#50 | 20.47 | -2.5 | 17.97 | 0.06 | 3.00 | Pass |
| | | | HCH | RB100#0 | 20.45 | -2.5 | 17.95 | 0.06 | 3.00 | Pass |
| RB1#0 | 21.89 | | | -2.5 | 19.39 | 0.09 | 3.00 | Pass | | |
| RB1#50 | 21.7 | -2.5 | | 19.20 | 0.08 | 3.00 | Pass | | | |
| | | | | RB1#99 | 21.87 | -2.5 | 19.37 | 0.09 | 3.00 | Pass |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB (Size#Offset) | Conducted Output Average Power (dBm) | Antenna Gain (dBi) | EIRP (dBm) | EIRP (W) | Limit (W) | Verdict |
|-----------|------------|----------------|--------------|-----------------------|--------------------------------------|--------------------|------------|----------|-----------|---------|
| | | | | RB50#0 | 20.52 | -2.5 | 18.02 | 0.06 | 3.00 | Pass |
| | | | | RB50#25 | 20.43 | -2.5 | 17.93 | 0.06 | 3.00 | Pass |
| | | | | RB50#50 | 20.48 | -2.5 | 17.98 | 0.06 | 3.00 | Pass |
| | | | | RB100#0 | 20.52 | -2.5 | 18.02 | 0.06 | 3.00 | Pass |

A.2 Peak to Average Ratio

Note: In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB. For GSM 1900, GPRS 1900 and EGPRS 1900 were used peak power to demonstrate compliance, a PAPR measurement is not required.

WCDMA Test Data

| Test Band | Test Channel | Peak to Average ratio (dBm) | Limit (dBm) | Verdict |
|-----------|--------------|-----------------------------|-------------|---------|
| Band 2 | LCH | 2.99 | 13 | Pass |
| | MCH | 2.71 | 13 | Pass |
| | HCH | 2.49 | 13 | Pass |
| Band 4 | LCH | 2.70 | 13 | Pass |
| | MCH | 2.71 | 13 | Pass |
| | HCH | 2.70 | 13 | Pass |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB(Size#Offset) | Peak to Average ratio (dBm) | Limit (dBm) | Verdict |
|------------|------------|----------------|--------------|----------------------|-----------------------------|-------------|---------|
| LTE Band 2 | QPSK | 20 MHz | LCH | RB1#0 | 3.57 | 13 | Pass |
| | | | | RB100#0 | 5.07 | 13 | Pass |
| | | | MCH | RB1#0 | 3.36 | 13 | Pass |
| | | | | RB100#0 | 4.84 | 13 | Pass |
| | | | HCH | RB1#0 | 3.33 | 13 | Pass |
| | | | | RB100#0 | 4.64 | 13 | Pass |
| | 16-QAM | 20 MHz | LCH | RB1#0 | 4.58 | 13 | Pass |
| | | | | RB100#0 | 6.00 | 13 | Pass |
| | | | MCH | RB1#0 | 4.41 | 13 | Pass |
| | | | | RB100#0 | 5.74 | 13 | Pass |
| | | | HCH | RB1#0 | 4.49 | 13 | Pass |
| | | | | RB100#0 | 5.51 | 13 | Pass |
| LTE Band 4 | QPSK | 20 MHz | LCH | RB1#0 | 3.65 | 13 | Pass |
| | | | | RB100#0 | 4.99 | 13 | Pass |
| | | | MCH | RB1#0 | 3.39 | 13 | Pass |
| | | | | RB100#0 | 5.07 | 13 | Pass |
| | | | HCH | RB1#0 | 3.65 | 13 | Pass |
| | | | | RB100#0 | 5.22 | 13 | Pass |
| | 16-QAM | 20 MHz | LCH | RB1#0 | 4.52 | 13 | Pass |
| | | | | RB100#0 | 5.91 | 13 | Pass |
| | | | MCH | RB1#0 | 4.35 | 13 | Pass |
| | | | | RB100#0 | 5.97 | 13 | Pass |
| | | | HCH | RB1#0 | 4.72 | 13 | Pass |
| | | | | RB100#0 | 6.14 | 13 | Pass |
| LTE Band 7 | QPSK | 20 MHz | LCH | RB1#0 | 3.48 | 13 | Pass |
| | | | | RB100#0 | 4.64 | 13 | Pass |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB(Size#Offset) | Peak to Average ratio (dBm) | Limit (dBm) | Verdict | | | |
|-------------|------------|----------------|--------------|----------------------|-----------------------------|-------------|---------|------|----|------|
| | 16-QAM | 20 MHz | MCH | RB1#0 | 3.30 | 13 | Pass | | | |
| | | | | RB100#0 | 4.99 | 13 | Pass | | | |
| | | | HCH | RB1#0 | 3.57 | 13 | Pass | | | |
| | | | | RB100#0 | 4.70 | 13 | Pass | | | |
| | | | LCH | RB1#0 | 4.20 | 13 | Pass | | | |
| | | | | RB100#0 | 5.54 | 13 | Pass | | | |
| | | | MCH | RB1#0 | 4.17 | 13 | Pass | | | |
| | | | | RB100#0 | 5.74 | 13 | Pass | | | |
| | | | HCH | RB1#0 | 4.49 | 13 | Pass | | | |
| | | | | RB100#0 | 5.45 | 13 | Pass | | | |
| | | | LTE Band 12 | QPSK | 10 MHz | LCH | RB1#0 | 3.57 | 13 | Pass |
| | | | | | | | RB50#0 | 5.25 | 13 | Pass |
| MCH | RB1#0 | 3.94 | | | | 13 | Pass | | | |
| | RB50#0 | 5.28 | | | | 13 | Pass | | | |
| HCH | RB1#0 | 3.62 | | | | 13 | Pass | | | |
| | RB50#0 | 5.28 | | | | 13 | Pass | | | |
| 16-QAM | 10 MHz | LCH | | RB1#0 | 4.61 | 13 | Pass | | | |
| | | | | RB50#0 | 6.17 | 13 | Pass | | | |
| | | MCH | | RB1#0 | 4.78 | 13 | Pass | | | |
| | | | | RB50#0 | 6.20 | 13 | Pass | | | |
| | | HCH | | RB1#0 | 4.72 | 13 | Pass | | | |
| | | | | RB50#0 | 6.17 | 13 | Pass | | | |
| LTE Band 17 | QPSK | 10 MHz | LCH | RB1#0 | 3.94 | 13 | Pass | | | |
| | | | | RB50#0 | 5.30 | 13 | Pass | | | |
| | | | MCH | RB1#0 | 3.74 | 13 | Pass | | | |
| | | | | RB50#0 | 5.33 | 13 | Pass | | | |
| | | | HCH | RB1#0 | 3.62 | 13 | Pass | | | |
| | | | | RB50#0 | 5.28 | 13 | Pass | | | |
| | 16-QAM | 10 MHz | LCH | RB1#0 | 4.90 | 13 | Pass | | | |
| | | | | RB50#0 | 6.17 | 13 | Pass | | | |
| | | | MCH | RB1#0 | 4.72 | 13 | Pass | | | |
| | | | | RB50#0 | 6.20 | 13 | Pass | | | |
| | | | HCH | RB1#0 | 4.72 | 13 | Pass | | | |
| | | | | RB50#0 | 6.17 | 13 | Pass | | | |
| LTE Band 28 | QPSK | 20 MHz | LCH | RB1#0 | 3.51 | 13 | Pass | | | |
| | | | | RB100#0 | 3.97 | 13 | Pass | | | |
| | | | MCH | RB1#0 | 3.83 | 13 | Pass | | | |
| | | | | RB100#0 | 4.14 | 13 | Pass | | | |
| | | | HCH | RB1#0 | 4.29 | 13 | Pass | | | |
| | | | | RB100#0 | 4.32 | 13 | Pass | | | |
| | 16-QAM | 20 MHz | LCH | RB1#0 | 4.41 | 13 | Pass | | | |

| Test Band | Test Model | Test Bandwidth | Test Channel | Test RB(Size#Offset) | Peak to Average ratio (dBm) | Limit (dBm) | Verdict |
|-----------|------------|----------------|--------------|----------------------|-----------------------------|-------------|---------|
| | | | MCH | RB100#0 | 5.68 | 13 | Pass |
| | | | | RB1#0 | 4.67 | 13 | Pass |
| | | | | RB100#0 | 5.88 | 13 | Pass |
| | | | HCH | RB1#0 | 5.25 | 13 | Pass |
| | | | | RB100#0 | 5.71 | 13 | Pass |

Test Plots

WCDMA Band 2 LCH

WCDMA Band 2 MCH

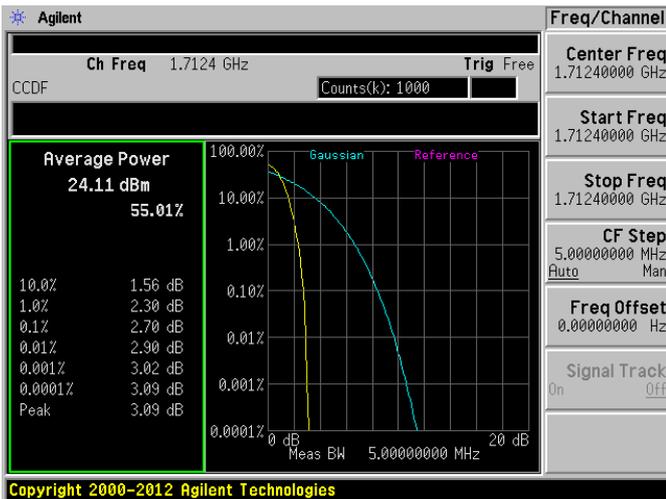


WCDMA Band 2 HCH



WCDMA Band 4 LCH

WCDMA Band 4 MCH



WCDMA Band 4 HCH



LTE test plots please refer to the document "Annex No.:BL-SZ1650193-Data Part 1.pdf".

A.3 Occupied Bandwidth

GSM Mode Test Data

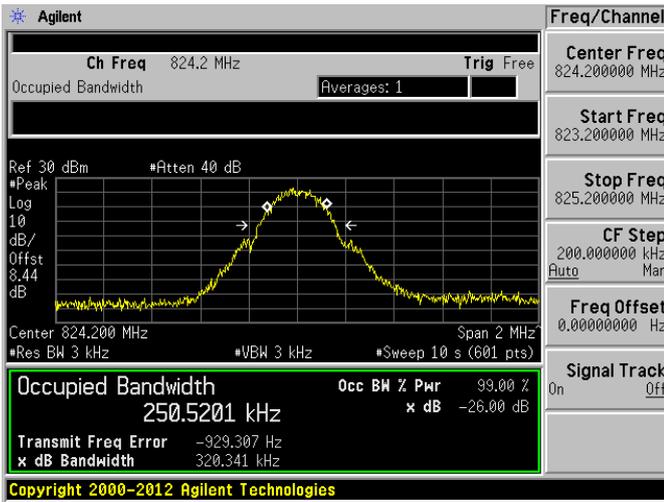
| Test Band | Test Channel | Measured 99% Occupied Bandwidth (kHz) | Measured -26 dB Occupied Bandwidth (kHz) |
|------------|--------------|---------------------------------------|--|
| GSM 850 | LCH | 250.5201 | 320.341 |
| | MCH | 245.9866 | 312.500 |
| | HCH | 246.5992 | 308.708 |
| GSM 1900 | LCH | 244.313 | 305.848 |
| | MCH | 245.4234 | 309.728 |
| | HCH | 251.7019 | 310.714 |
| EGPRS 850 | LCH | 246.9384 | 314.636 |
| | MCH | 246.2914 | 307.69 |
| | HCH | 250.1981 | 313.154 |
| EGPRS 1900 | LCH | 244.0785 | 310.364 |
| | MCH | 243.7632 | 309.536 |
| | HCH | 249.5779 | 319.713 |
| WCDMA B2 | LCH | 4206.5000 | 4846.000 |
| | MCH | 4218.3000 | 4842.000 |
| | HCH | 4233.2000 | 4873.000 |
| WCDMA B4 | LCH | 4212.6000 | 4853.000 |
| | MCH | 4216.8000 | 4892.000 |
| | HCH | 4218.7000 | 4857.000 |
| WCDMA B5 | LCH | 4204.3000 | 4848.000 |
| | MCH | 4202.7000 | 4856.000 |
| | HCH | 4206.2000 | 4855.000 |

LTE Mode Test Data

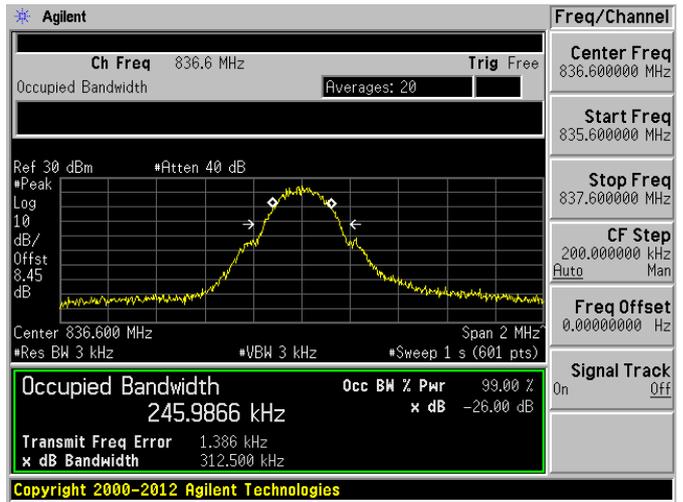
| Test Band | Test Mode | Test Bandwidth | Test Channel | Test RB(Size#Offset) | Measured 99% Occupied Bandwidth (MHz) | Measured -26 dB Occupied Bandwidth (MHz) |
|-----------|-----------|----------------|--------------|----------------------|---------------------------------------|--|
| Band 2 | QPSK | 20 MHz | MCH | RB 100 #0 | 17.85 | 18.90 |
| | 16-QAM | 20 MHz | MCH | RB 100 #0 | 17.85 | 18.99 |
| Band 4 | QPSK | 20 MHz | MCH | RB 100 #0 | 17.84 | 18.81 |
| | 16-QAM | 20 MHz | MCH | RB 100 #0 | 17.85 | 18.93 |
| Band 7 | QPSK | 20 MHz | MCH | RB 100 #0 | 17.87 | 18.95 |
| | 16-QAM | 20 MHz | MCH | RB 100 #0 | 17.88 | 19.00 |
| Band 12 | QPSK | 10 MHz | MCH | RB 50 #0 | 8.93 | 9.68 |
| | 16-QAM | 10 MHz | MCH | RB 50 #0 | 8.92 | 9.68 |
| Band 17 | QPSK | 10 MHz | MCH | RB 50 #0 | 8.94 | 9.78 |
| | 16-QAM | 10 MHz | MCH | RB 50 #0 | 8.94 | 9.73 |
| Band 28 | QPSK | 20 MHz | MCH | RB 100 #0 | 17.81 | 18.86 |
| | 16-QAM | 20 MHz | MCH | RB 100 #0 | 17.80 | 18.74 |

GSM Mode Test Plots

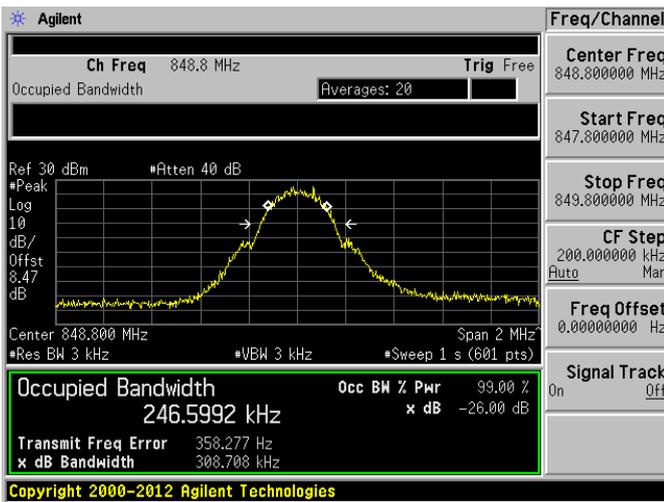
GSM 850 MHz LCH



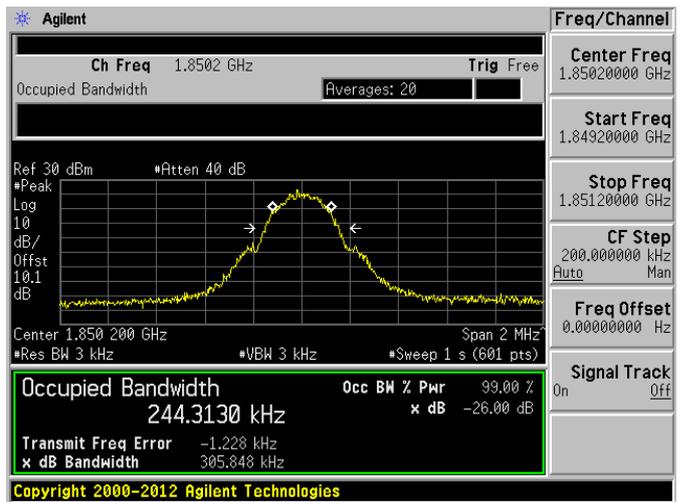
GSM 850 MHz MCH



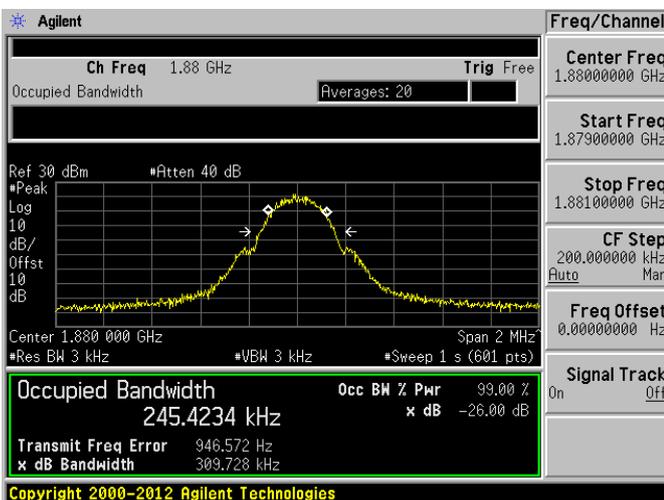
GSM 850 MHz HCH



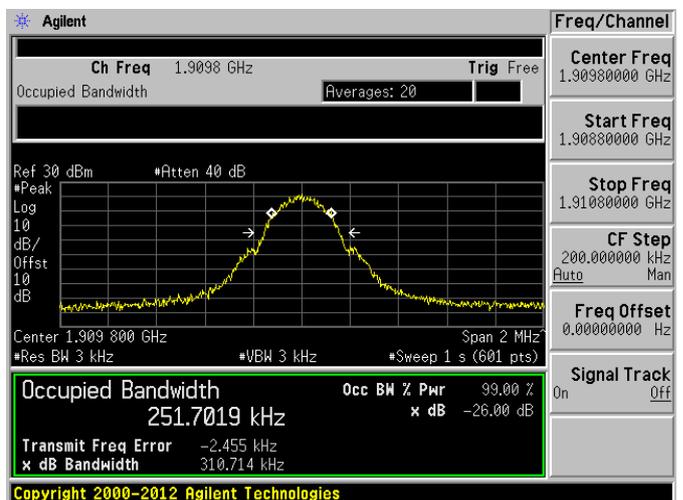
GSM 1900 MHz LCH



GSM 1900 MHz MCH

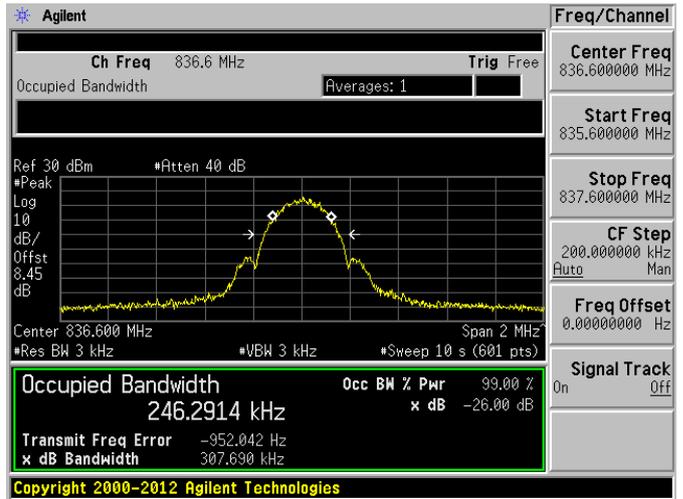
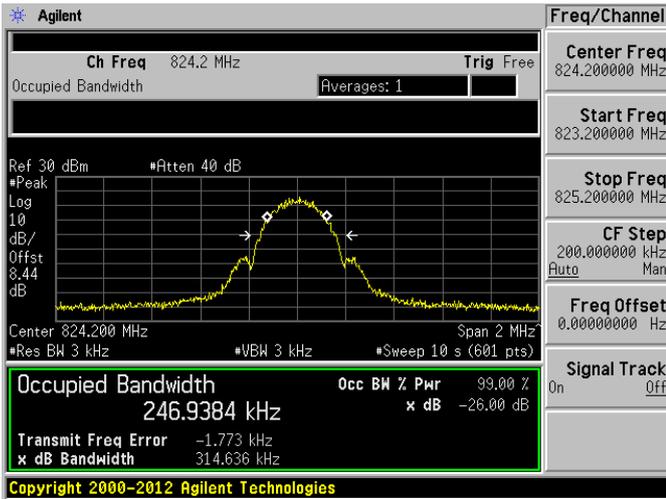


GSM 1900 MHz HCH



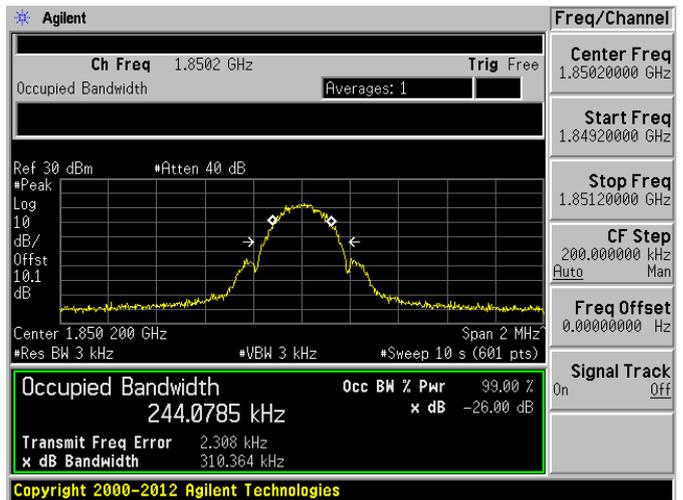
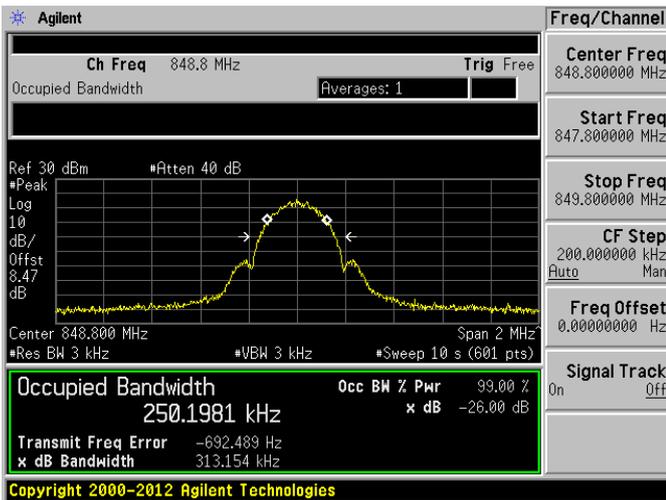
EGPRS 850 MHz LCH

EGPRS 850 MHz MCH



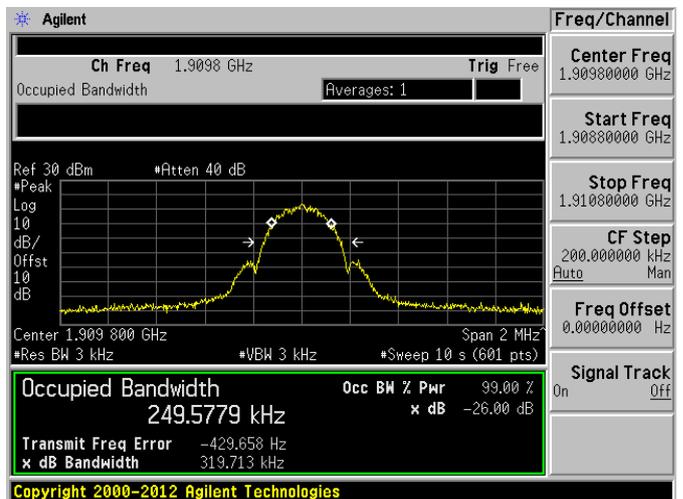
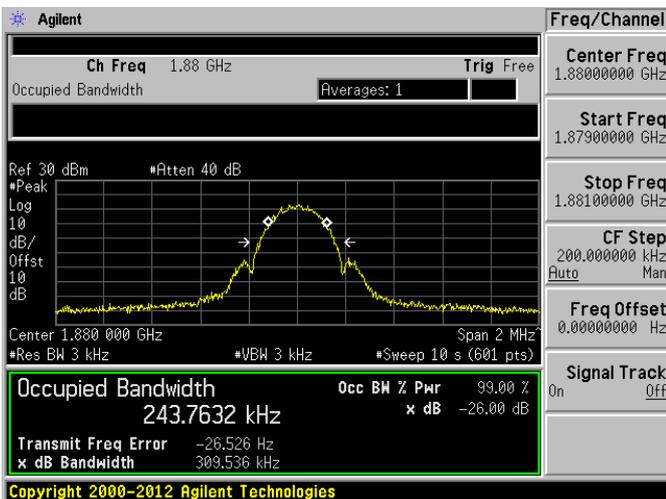
EGPRS 850 MHz HCH

EGPRS 1900 MHz LCH



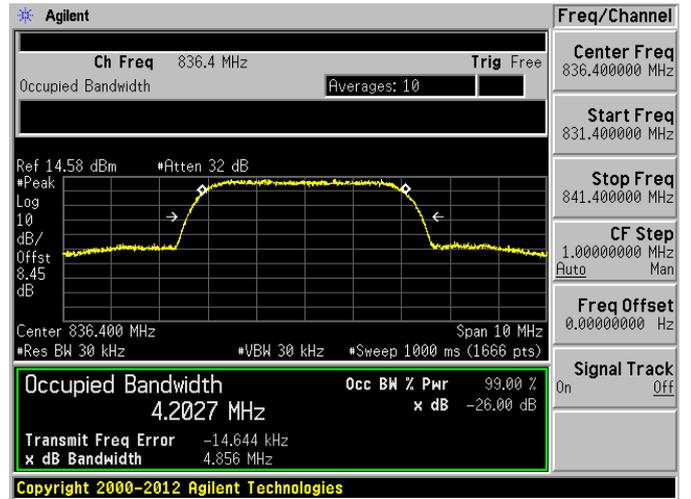
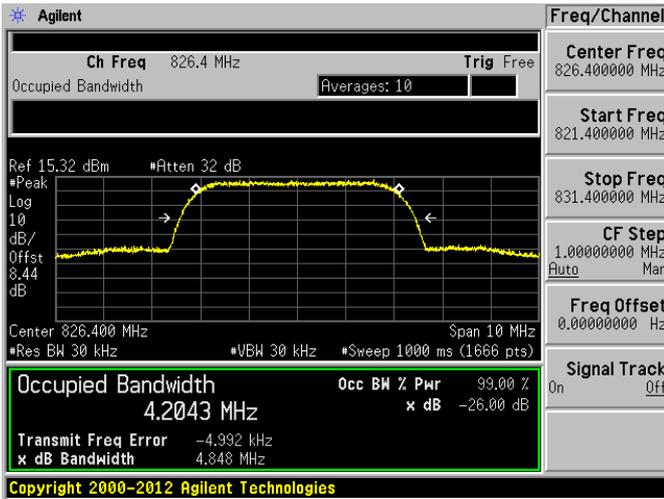
EGPRS 1900 MHz MCH

EGPRS 1900 MHz HCH



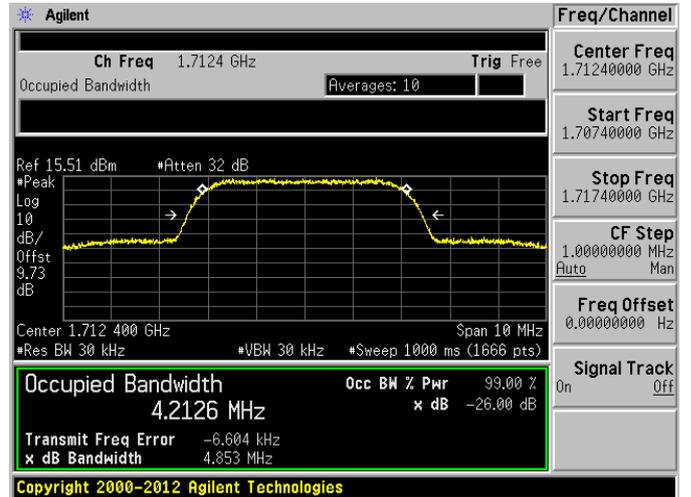
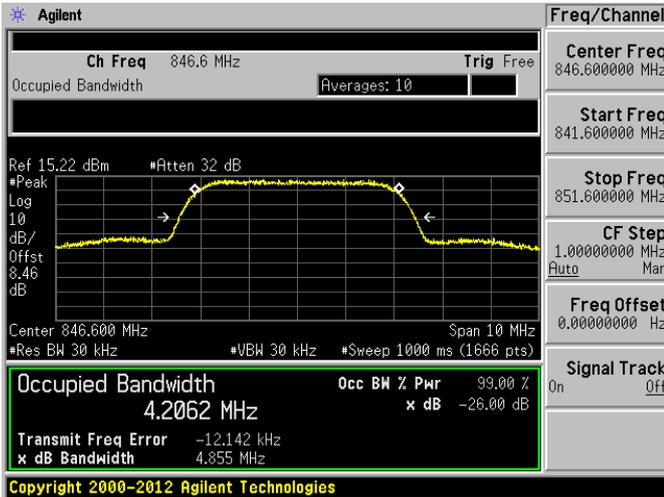
WCDMA 850 MHz LCH

WCDMA 850 MHz MCH



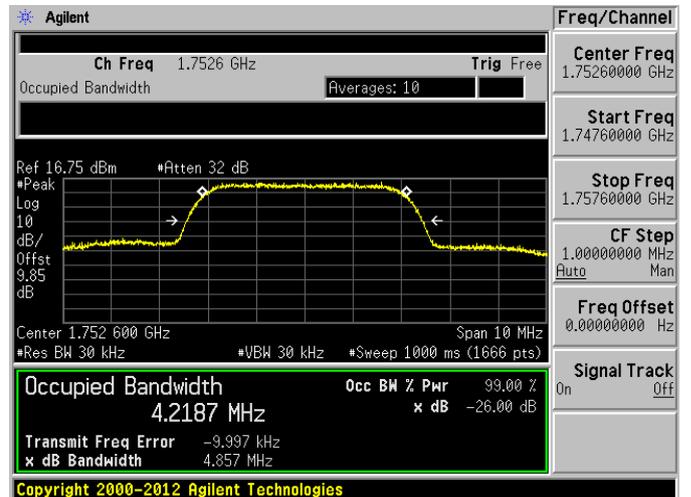
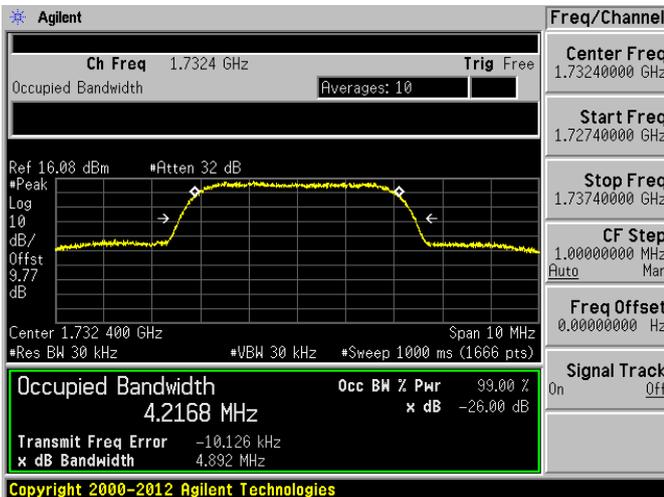
WCDMA 850 MHz HCH

WCDMA 1700 MHz LCH



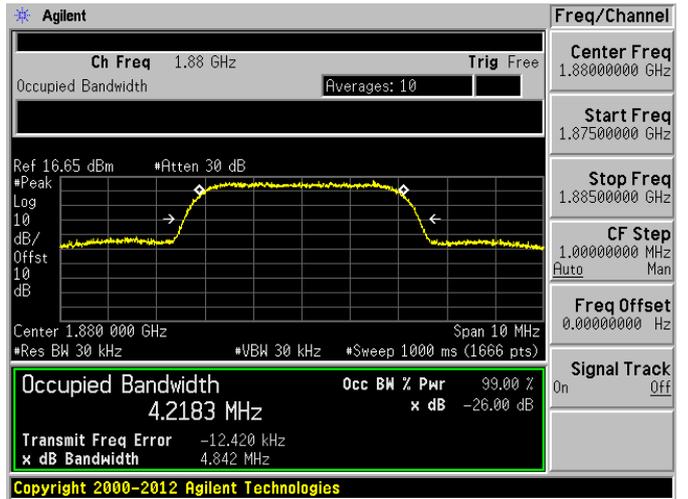
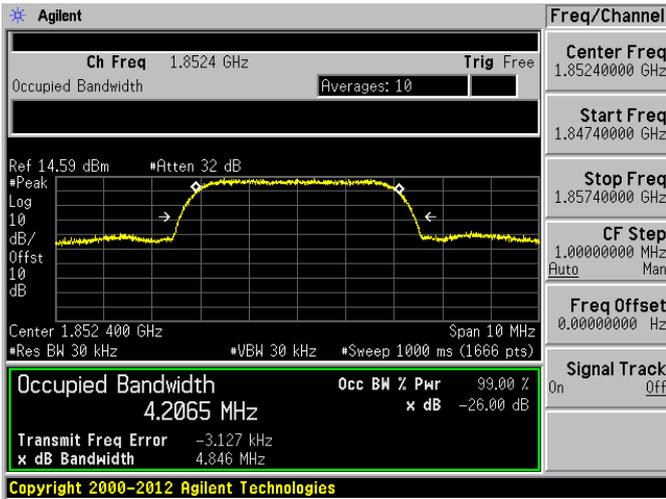
WCDMA 1700 MHz MCH

WCDMA 1700 MHz HCH

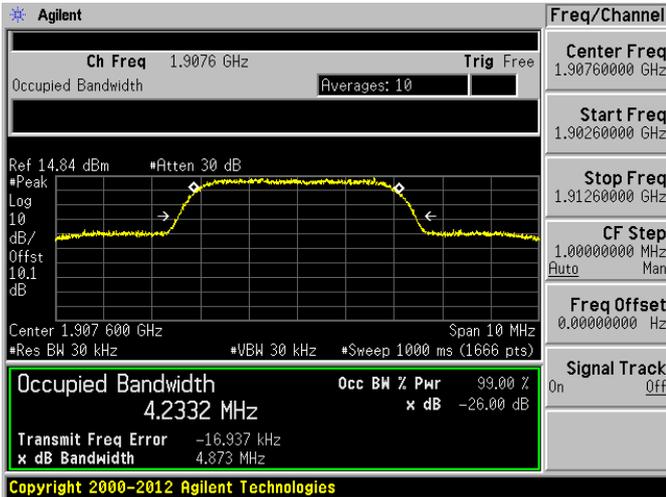


WCDMA 1900 MHz LCH

WCDMA 1900 MHz MCH

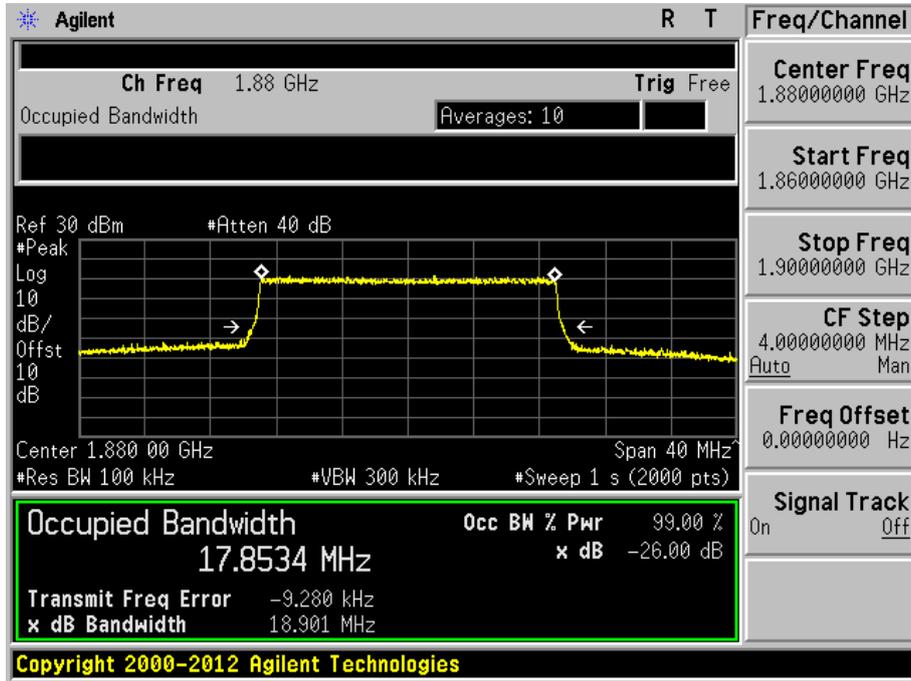


WCDMA 1900 MHz HCH

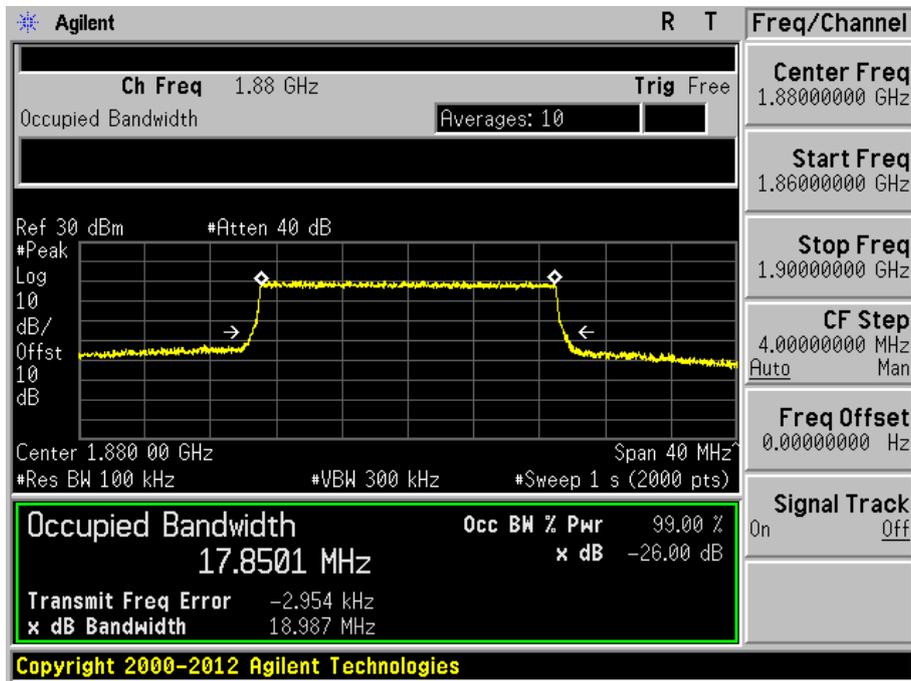


LTE Mode Test Plots

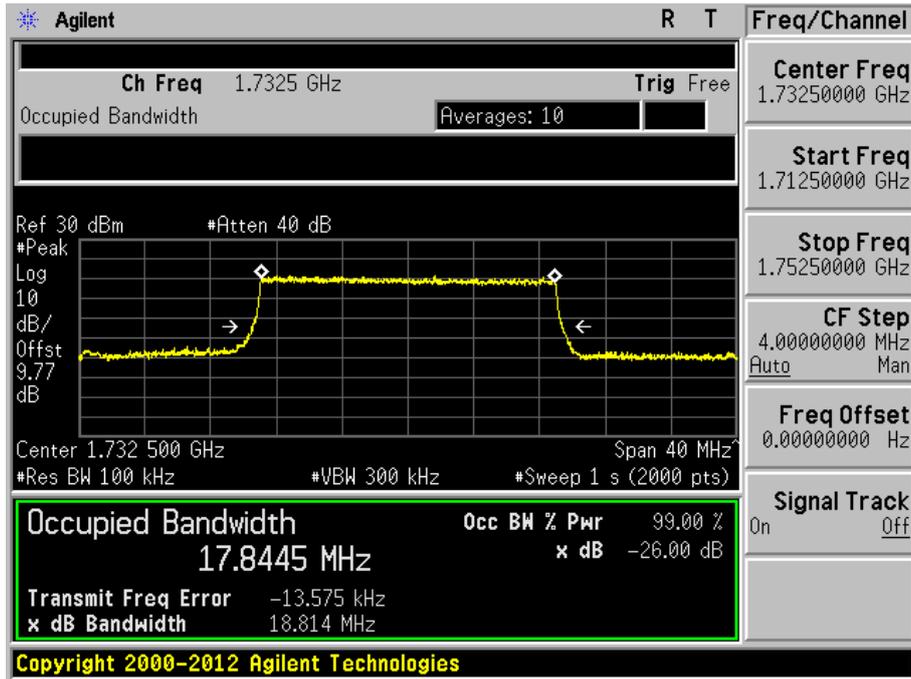
Band 2 QPSK 20 MHz Bandwidth RB100#0 MCH



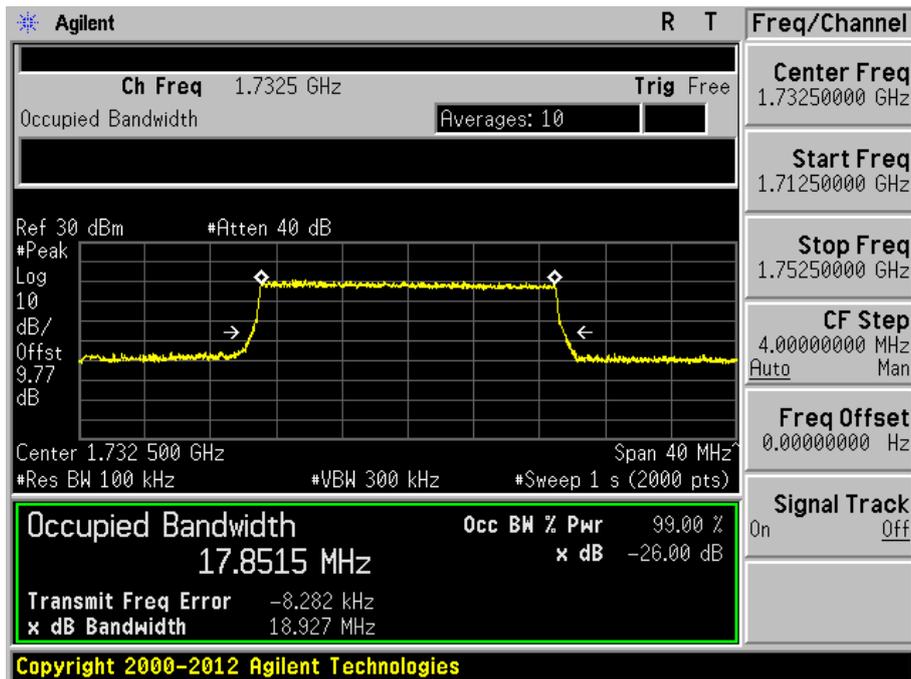
Band 2 16-QAM 20 MHz Bandwidth RB100#0 MCH



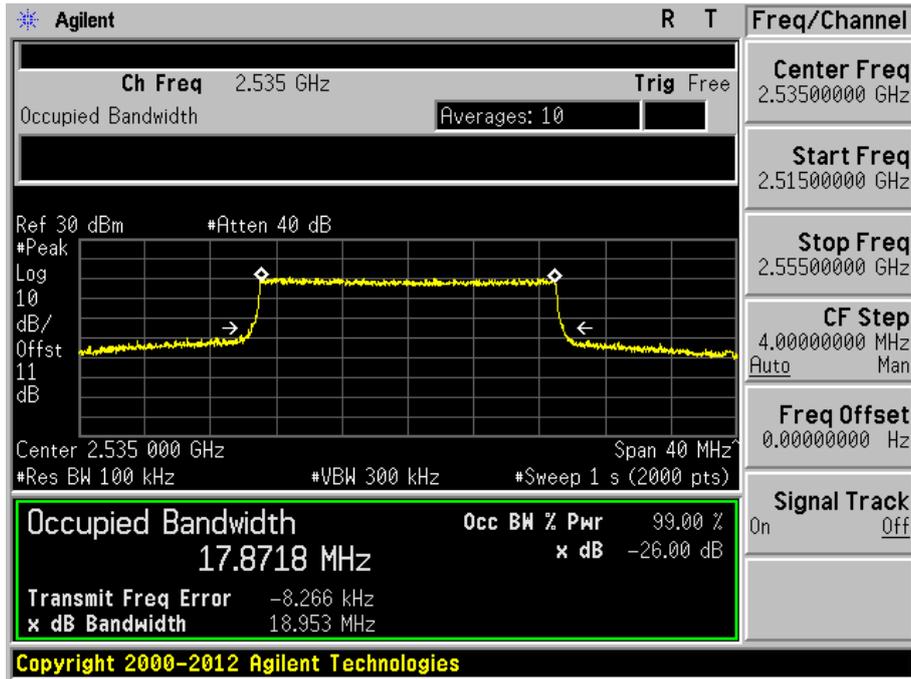
Band 4 QPSK 20 MHz Bandwidth RB100#0 MCH



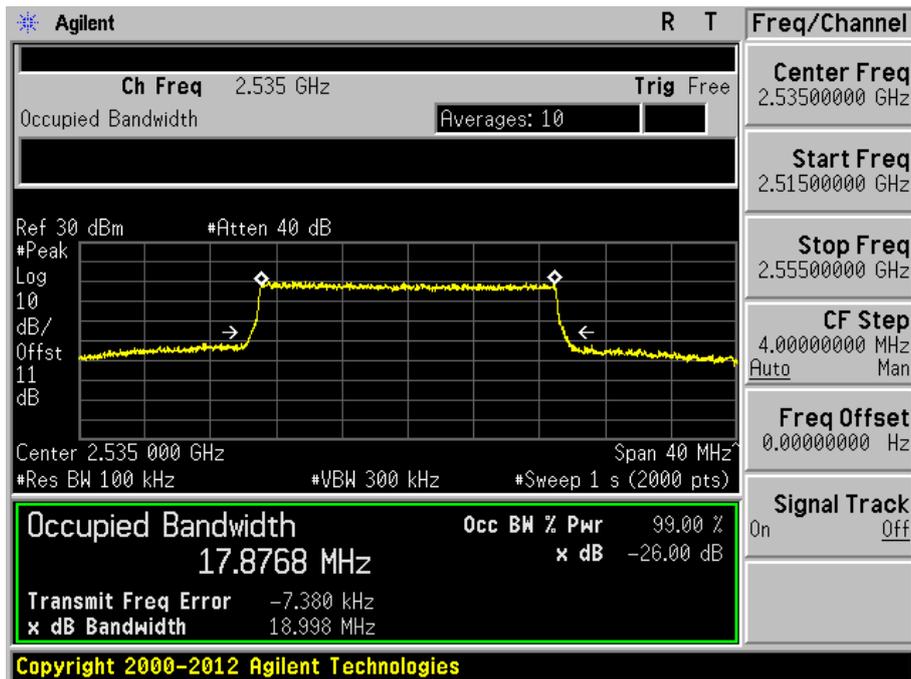
Band 4 16-QAM 20 MHz Bandwidth RB100#0 MCH



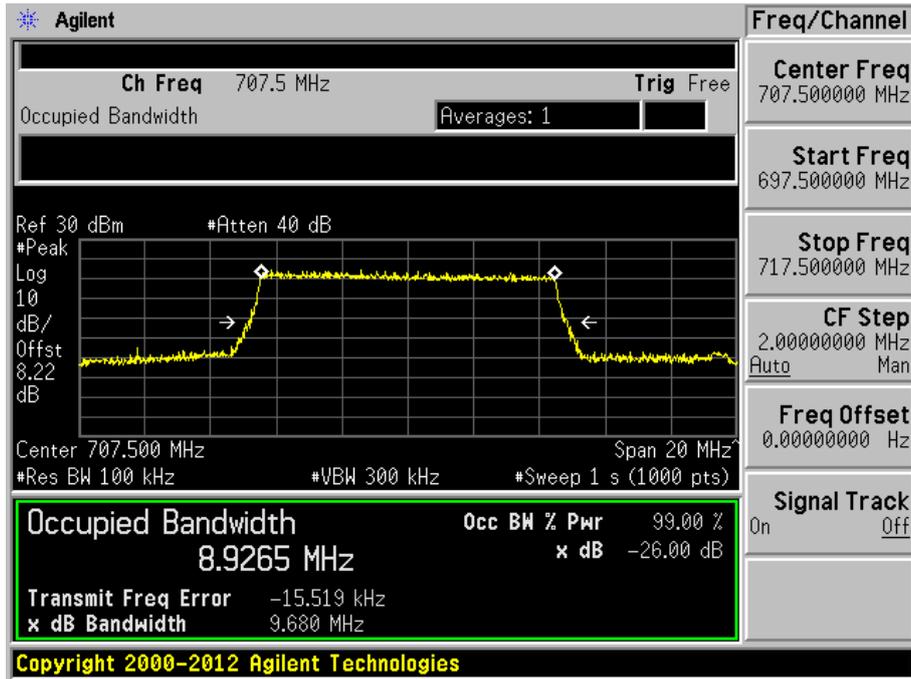
Band 7 QPSK 20 MHz Bandwidth RB100#0 MCH



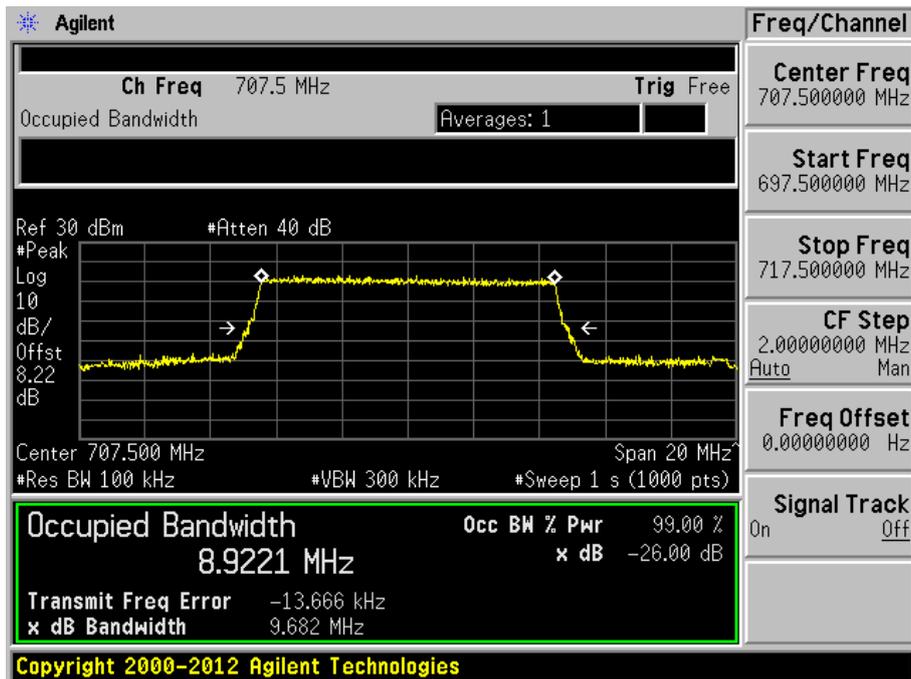
Band 7 16-QAM 20 MHz Bandwidth RB100#0 MCH



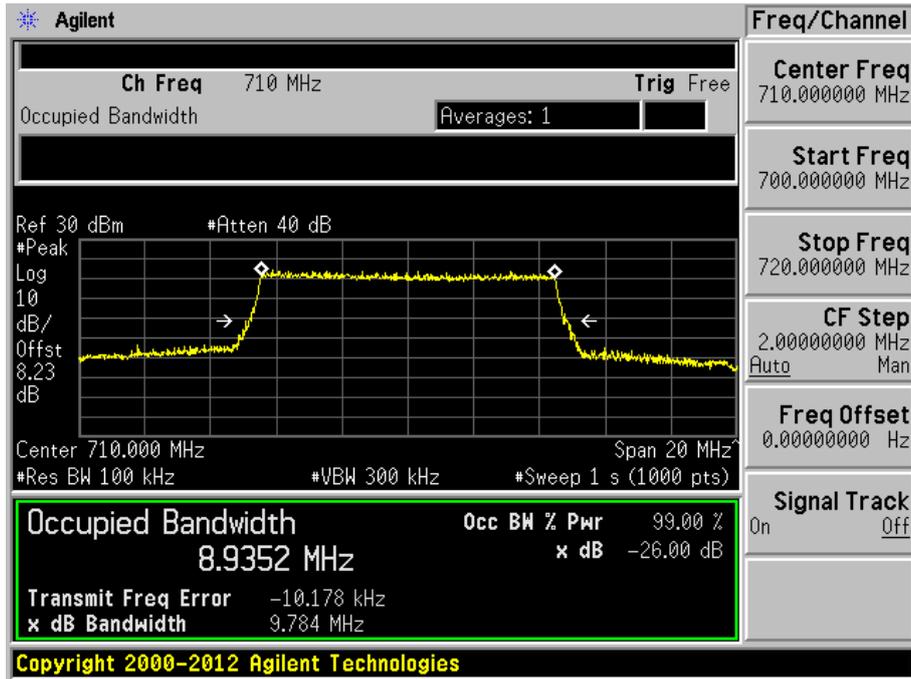
Band 12 QPSK 10 MHz Bandwidth RB50#0 MCH



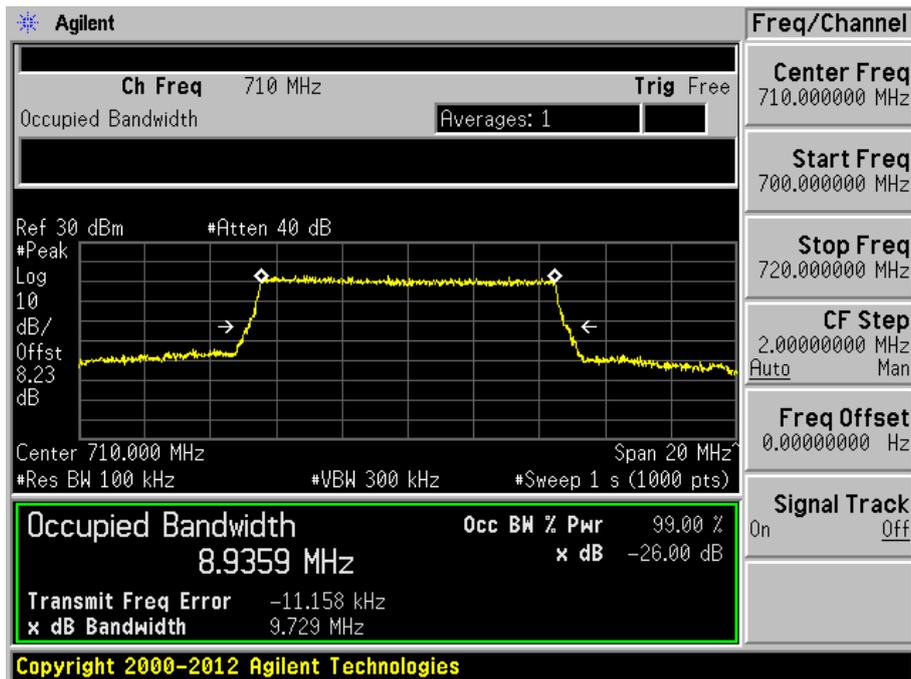
Band 12 16-QAM 10 MHz Bandwidth RB50#0 MCH



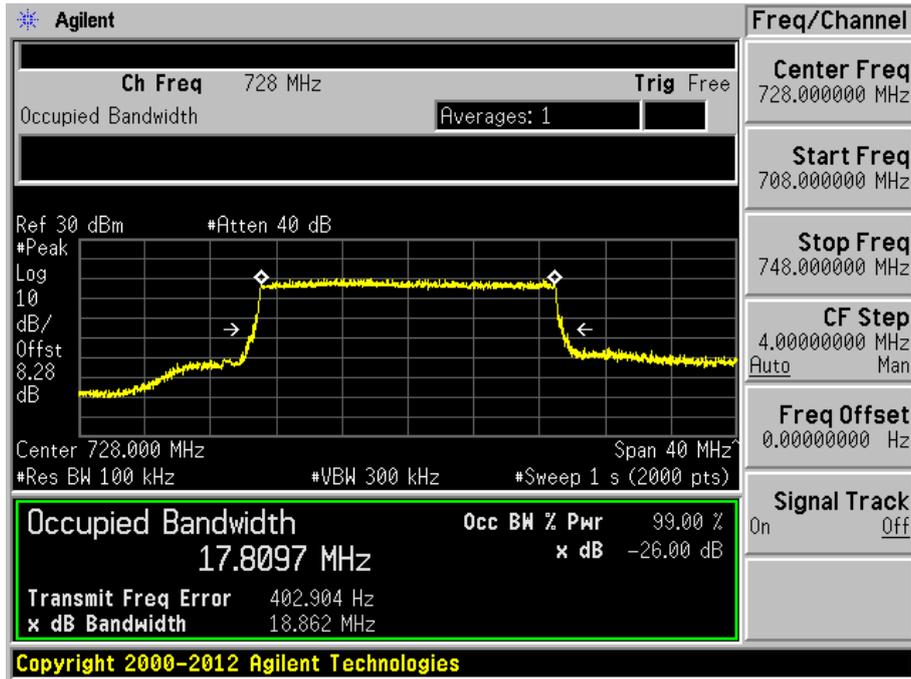
Band 17 QPSK 10 MHz Bandwidth RB50#0 MCH



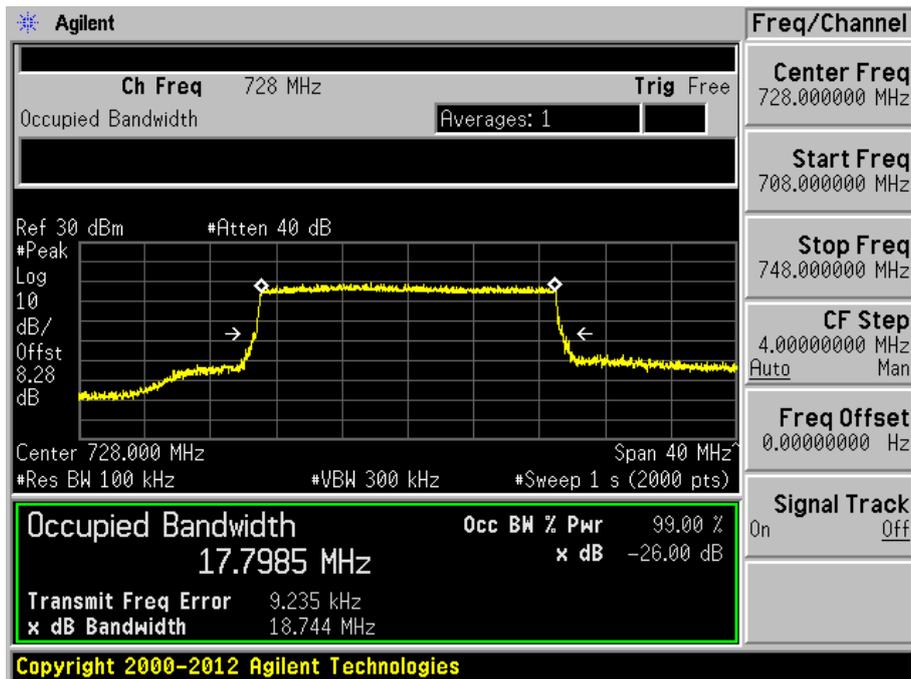
Band 17 16-QAM 10 MHz Bandwidth RB50#0 MCH



Band 28 QPSK 20 MHz Bandwidth RB100#0 MCH



Band 28 16-QAM 20 MHz Bandwidth RB100#0 MCH



A.4 Frequency Stability

GSM 850 MHz

| Test Conditions | | Frequency Deviation | | | | | | Verdict |
|-----------------|------------------|---------------------|-------------|------------------|-------------|------------------|-------------|---------|
| Power (VDC) | Temperature (°C) | LCH 824.2 MHz | | MCH 836.6 MHz | | HCH 848.8 MHz | | |
| | | Value (Hz) | Limits (Hz) | Value (Hz) | Limits (Hz) | Value (Hz) | Limits (Hz) | |
| 3.8 | -10 | -7.84 | ±2060.5 | -3.49 | ±2091.5 | 1.20 | ±2122 | Pass |
| | -5 | -10.56 | | -12.11 | | -12.33 | | |
| | 0 | -15.58 | | -6.93 | | -13.91 | | |
| | +5 | -5.69 | | -10.72 | | 0.95 | | |
| | +10 | -8.11 | | -14.66 | | -3.42 | | |
| | +20 | -1.98 | | -5.02 | | -1.18 | | |
| | +30 | -15.32 | | -0.60 | | -14.38 | | |
| | +40 | 2.79 | | -17.50 | | -17.60 | | |
| +45 | -0.93 | -10.35 | -8.44 | | | | | |
| 4.35 | +25 | -16.28 | -16.37 | -15.04 | | | | |
| 3.6 | +25 | -17.90 | -2.72 | -6.86 | | | | |

GSM 1900 MHz

| Test Conditions | | Frequency Deviation | | | | | | Verdict |
|-----------------|------------------|---------------------|-------------|-----------------|-------------|-------------------|-------------|---------|
| Power (VDC) | Temperature (°C) | LCH 1850.2 MHz | | MCH 1880 MHz | | HCH 1909.8 MHz | | |
| | | Value (Hz) | Limits (Hz) | Value (Hz) | Limits (Hz) | Value (Hz) | Limits (Hz) | |
| 3.8 | -10 | 21.88 | ±4625.5 | Hz | ±4700.0 | 39.43 | ±4774.5 | Pass |
| | -5 | 17.62 | | 39.06 | | 39.04 | | |
| | 0 | -1.53 | | 48.73 | | 37.00 | | |
| | +5 | -6.03 | | 32.16 | | 17.81 | | |
| | +10 | 9.99 | | 19.61 | | 42.53 | | |
| | +20 | 35.96 | | 53.81 | | 38.33 | | |
| | +30 | 10.10 | | 18.77 | | 19.75 | | |
| | +40 | 51.32 | | 15.01 | | 32.86 | | |
| +45 | 14.47 | 0.50 | 4.44 | | | | | |
| 4.35 | +25 | -2.21 | -0.56 | 52.20 | | | | |
| 3.6 | +25 | 26.45 | 19.71 | 53.04 | | | | |

GPRS 850 MHz

| Test Conditions | | Frequency Deviation | | | | | | Verdict |
|-----------------|------------------|---------------------|-------------|------------------|-------------|------------------|-------------|---------|
| Power (VDC) | Temperature (°C) | LCH 824.2 MHz | | MCH 836.6 MHz | | HCH 848.8 MHz | | |
| | | Value (Hz) | Limits (Hz) | Value (Hz) | Limits (Hz) | Value (Hz) | Limits (Hz) | |
| 3.8 | -10 | 1.63 | ±2060.5 | -15.89 | ±2091.5 | 31.97 | ±2122 | Pass |
| | -5 | 3.34 | | 14.78 | | -25.32 | | |
| | 0 | 12.71 | | 3.33 | | 14.71 | | |
| | +5 | 12.68 | | 17.88 | | 13.82 | | |
| | +10 | -4.31 | | 25.90 | | 10.23 | | |
| | +20 | -36.77 | | -10.42 | | -13.60 | | |
| | +30 | 20.72 | | 36.32 | | -17.78 | | |
| | +40 | 14.28 | | -7.84 | | 12.21 | | |
| +45 | -32.65 | 6.96 | -12.57 | | | | | |
| 4.35 | +25 | -17.06 | 23.99 | 6.97 | | | | |
| 3.6 | +25 | 19.09 | 20.49 | 34.40 | | | | |

GPRS 1900 MHz

| Test Conditions | | Frequency Deviation | | | | | | Verdict |
|-----------------|------------------|---------------------|-------------|-----------------|-------------|-------------------|-------------|---------|
| Power (VDC) | Temperature (°C) | LCH 1850.2 MHz | | MCH 1880 MHz | | HCH 1909.8 MHz | | |
| | | Value (Hz) | Limits (Hz) | Value (Hz) | Limits (Hz) | Value (Hz) | Limits (Hz) | |
| 3.8 | -10 | -4.14 | ±4625.5 | -12.43 | ±4700.0 | -3.50 | ±4774.5 | Pass |
| | -5 | 1.06 | | -14.67 | | 0.30 | | |
| | 0 | -5.58 | | -6.69 | | -0.39 | | |
| | +5 | -7.78 | | 2.20 | | -11.05 | | |
| | +10 | -6.45 | | 4.03 | | 5.76 | | |
| | +20 | -3.66 | | -1.01 | | -1.34 | | |
| | +30 | -2.42 | | -8.41 | | 2.57 | | |
| | +40 | -1.74 | | 6.95 | | -5.77 | | |
| +45 | 1.26 | 17.09 | 4.59 | | | | | |
| 4.35 | +25 | 2.50 | 13.52 | 11.73 | | | | |
| 3.6 | +25 | -8.74 | 0.19 | 12.23 | | | | |

EGPRS 850 MHz

| Test Conditions | | Frequency Deviation | | | | | | Verdict |
|-----------------|------------------|---------------------|-------------|------------------|-------------|------------------|-------------|---------|
| Power (VDC) | Temperature (°C) | LCH 824.2 MHz | | MCH 836.6 MHz | | HCH 848.8 MHz | | |
| | | Value (Hz) | Limits (Hz) | Value (Hz) | Limits (Hz) | Value (Hz) | Limits (Hz) | |
| 3.8 | -10 | -3.46 | ±2060.5 | -20.52 | ±2091.5 | -3.24 | ±2122 | Pass |
| | -5 | -9.41 | | -3.54 | | -5.46 | | |
| | 0 | -14.83 | | -11.23 | | -2.99 | | |
| | +5 | -17.65 | | -5.66 | | -15.63 | | |
| | +10 | -13.11 | | -21.44 | | -7.76 | | |
| | +20 | 5.74 | | -1.49 | | -3.58 | | |
| | +30 | -6.65 | | -2.14 | | -24.38 | | |
| | +40 | -11.60 | | -12.23 | | -7.33 | | |
| +45 | -13.30 | -4.96 | -9.73 | | | | | |
| 4.35 | +25 | -18.14 | -21.98 | 4.08 | | | | |
| 3.6 | +25 | -17.27 | -8.35 | -6.56 | | | | |

EGPRS 1900 MHz

| Test Conditions | | Frequency Deviation | | | | | | Verdict |
|-----------------|------------------|---------------------|-------------|-----------------|-------------|-------------------|-------------|---------|
| Power (VDC) | Temperature (°C) | LCH 1850.2 MHz | | MCH 1880 MHz | | HCH 1909.8 MHz | | |
| | | Value (Hz) | Limits (Hz) | Value (Hz) | Limits (Hz) | Value (Hz) | Limits (Hz) | |
| 3.8 | -10 | 1201 | ±4625.5 | -11.03 | ±4700.0 | 21.02 | ±4774.5 | Pass |
| | -5 | -4.74 | | -2.06 | | 43.08 | | |
| | 0 | 5.59 | | 13.88 | | 20.65 | | |
| | +5 | -25.09 | | -21.75 | | -3.32 | | |
| | +10 | 50.44 | | -18.76 | | 42.75 | | |
| | +20 | -16.77 | | 32.54 | | -2.32 | | |
| | +30 | 47.36 | | -14.89 | | 23.12 | | |
| | +40 | 15.51 | | 14.49 | | 4.33 | | |
| +45 | 41.05 | 46.72 | -17.55 | | | | | |
| 4.35 | +25 | 21.79 | 16.15 | 38.10 | | | | |
| 3.6 | +25 | 10.20 | 52.34 | -12.06 | | | | |

WCDMA Band 2

| Test Conditions | | Frequency Deviation | | | | | | Verdict |
|-----------------|------------------|---------------------|-------------|-----------------|-------------|-------------------|-------------|---------|
| Power (VDC) | Temperature (°C) | LCH 1852.4 MHz | | MCH 1880 MHz | | HCH 1907.6 MHz | | |
| | | Value (Hz) | Limits (Hz) | Value (Hz) | Limits (Hz) | Value (Hz) | Limits (Hz) | |
| 3.8 | -10 | -10.74 | ±4631 | 0.31 | ±4700 | -8.73 | ±4769 | Pass |
| | -5 | 11.47 | | 3.12 | | 1.96 | | |
| | 0 | 19.21 | | 4.58 | | 19.55 | | |
| | +5 | -5.33 | | 4.51 | | -27.12 | | |
| | +10 | 0.62 | | 21.15 | | 9.54 | | |
| | +20 | 7.72 | | 4.76 | | -12.62 | | |
| | +30 | 1.91 | | -26.64 | | 23.63 | | |
| | +40 | -1.31 | | -32.78 | | -22.53 | | |
| +45 | -9.39 | 20 | -26.92 | | | | | |
| 4.35 | +25 | 9.74 | -35.79 | 0.22 | | | | |
| 3.6 | +25 | -5.85 | 43.81 | -4.31 | | | | |

WCDMA Band 4

| Test Conditions | | Frequency Deviation | | | | | | Verdict |
|-----------------|------------------|---------------------|-------------|-------------------|-------------|-------------------|-------------|---------|
| Power (VDC) | Temperature (°C) | LCH 1712.4 MHz | | MCH 1732.4 MHz | | HCH 1752.6 MHz | | |
| | | Value (Hz) | Limits (Hz) | Value (Hz) | Limits (Hz) | Value (Hz) | Limits (Hz) | |
| 3.8 | -10 | -1.56 | ±4281 | -13.15 | ±4331 | -35.55 | ±4381.5 | Pass |
| | -5 | 3.25 | | 11.08 | | 11.73 | | |
| | 0 | 9.74 | | 8.55 | | 35.32 | | |
| | +5 | 0.93 | | 10.72 | | -20.37 | | |
| | +10 | -4.19 | | 1.02 | | -28.86 | | |
| | +20 | -29.61 | | 10.45 | | 30.16 | | |
| | +30 | -16.78 | | 11.57 | | -0.61 | | |
| | +40 | 0.07 | | -6.71 | | -4.55 | | |
| +45 | 11.74 | 22.83 | 5.25 | | | | | |
| 4.35 | +25 | -4.82 | 16.98 | -22.89 | | | | |
| 3.6 | +25 | 21.98 | 4.06 | -8.53 | | | | |

WCDMA Band 5

| Test Conditions | | Frequency Deviation | | | | | | Verdict |
|-----------------|------------------|---------------------|-------------|------------------|-------------|------------------|-------------|---------|
| Power (VDC) | Temperature (°C) | LCH 826.4 MHz | | MCH 836.4 MHz | | HCH 846.6 MHz | | |
| | | Value (Hz) | Limits (Hz) | Value (Hz) | Limits (Hz) | Value (Hz) | Limits (Hz) | |
| 3.8 | -10 | -0.1 | ±2066 | 37.31 | ±2091 | -19.95 | ±2116.5 | Pass |
| | -5 | 3.93 | | 24.05 | | -6.1 | | |
| | 0 | -3.16 | | 35.96 | | -1.87 | | |
| | +5 | 7.19 | | -0.52 | | 9.62 | | |
| | +10 | -11.13 | | -31.02 | | -13.52 | | |
| | +20 | -6.44 | | -36.43 | | 4.91 | | |
| | +30 | 17.28 | | -4.13 | | 0.87 | | |
| | +40 | -12.86 | | 1.44 | | -1.83 | | |
| | +45 | -2.58 | | 6.86 | | 31.94 | | |
| 4.35 | +25 | -3.45 | 10.11 | 0.59 | | | | |
| 3.6 | +25 | 6.5 | -28.5 | 1.58 | | | | |

LTE Band 2 QPSK 10 MHz

| Test Conditions | | Frequency Deviation | | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC) | Temperature (°C) | MCH 1880 MHz | | |
| | | Value (Hz) | Limits (Hz) | |
| 3.8 | -10 | -19.41 | ±4700 | Pass |
| | -5 | 5.24 | | |
| | 0 | -18.32 | | |
| | +5 | 17.35 | | |
| | +10 | 1.27 | | |
| | +20 | 0.81 | | |
| | +30 | 19.26 | | |
| | +40 | -5.15 | | |
| | +45 | 3.76 | | |
| 4.35 | +25 | 24.56 | | |
| 3.6 | +25 | -7.47 | | |

LTE Band 2 16QAM 10 MHz

| Test Conditions | | Frequency Deviation | | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC) | Temperature (°C) | MCH 1880 MHz | | |
| | | Value (Hz) | Limits (Hz) | |
| 3.8 | -10 | -3.74 | ±4700 | Pass |
| | -5 | -6.27 | | |
| | 0 | -43.69 | | |
| | +5 | 5.31 | | |
| | +10 | -6.97 | | |
| | +20 | 30.51 | | |
| | +30 | -3.11 | | |
| | +40 | 2.25 | | |
| | +45 | -16.27 | | |
| 4.35 | +25 | 5.29 | | |
| 3.6 | +25 | 0.12 | | |

LTE Band 4 QPSK 10 MHz

| Test Conditions | | Frequency Deviation | | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC) | Temperature (°C) | MCH 1732.5 MHz | | |
| | | Value (Hz) | Limits (Hz) | |
| 3.8 | -10 | -3.8 | ±4331.25 | Pass |
| | -5 | -2.15 | | |
| | 0 | 15.14 | | |
| | +5 | 4.71 | | |
| | +10 | -10.9 | | |
| | +20 | 2.02 | | |
| | +30 | -16.05 | | |
| | +40 | 14.32 | | |
| | +45 | -7.5 | | |
| 4.35 | +25 | -20.69 | | |
| 3.6 | +25 | -3.26 | | |

LTE Band 4 16QAM 10 MHz

| Test Conditions | | Frequency Deviation | | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC) | Temperature (°C) | MCH 1732.5 MHz | | |
| | | Value (Hz) | Limits (Hz) | |
| 3.8 | -10 | 39.11 | ±4331.25 | Pass |
| | -5 | -23.78 | | |
| | 0 | -5.37 | | |
| | +5 | 5.87 | | |
| | +10 | -15.76 | | |
| | +20 | -1.54 | | |
| | +30 | 0.51 | | |
| | +40 | -3.86 | | |
| | +45 | 20.64 | | |
| 4.35 | +25 | -17.22 | | |
| 3.6 | +25 | -0.49 | | |

LTE Band 7 QPSK 10 MHz

| Test Conditions | | Frequency Deviation | | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC) | Temperature (°C) | MCH 2535 MHz | | |
| | | Value (Hz) | Limits (Hz) | |
| 3.8 | -10 | 13.88 | ±6337.5 | Pass |
| | -5 | -45.75 | | |
| | 0 | 24.2 | | |
| | +5 | 0.8 | | |
| | +10 | -7.44 | | |
| | +20 | -18.88 | | |
| | +30 | 0.8 | | |
| | +40 | -19.79 | | |
| | +45 | -29.64 | | |
| 4.35 | +25 | -0.67 | | |
| 3.6 | +25 | -17.57 | | |

LTE Band 7 16QAM10 MHz

| Test Conditions | | Frequency Deviation | | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC) | Temperature (°C) | MCH 2535 MHz | | |
| | | Value (Hz) | Limits (Hz) | |
| 3.8 | -10 | -4.43 | ±6337.5 | Pass |
| | -5 | 7.32 | | |
| | 0 | 9.15 | | |
| | +5 | 12.59 | | |
| | +10 | 28.23 | | |
| | +20 | 0.43 | | |
| | +30 | -32.02 | | |
| | +40 | -4.36 | | |
| +45 | -10.84 | | | |
| 4.35 | +25 | 31.1 | | |
| 3.6 | +25 | 4.14 | | |

LTE Band 12 QPSK 10 MHz

| Test Conditions | | Frequency Deviation | | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC) | Temperature (°C) | MCH 707.5 MHz | | |
| | | Value (Hz) | Limits (Hz) | |
| 3.8 | -10 | 0.92 | ±1768.75 | Pass |
| | -5 | -12.04 | | |
| | 0 | -0.65 | | |
| | +5 | 1.21 | | |
| | +10 | 12.93 | | |
| | +20 | -21.47 | | |
| | +30 | 20.5 | | |
| | +40 | 5.26 | | |
| +45 | 21.1 | | | |
| 4.35 | +25 | -9.15 | | |
| 3.6 | +25 | -9.78 | | |

LTE Band 12 16QAM10 MHz

| Test Conditions | | Frequency Deviation | | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC) | Temperature (°C) | MCH 707.5 MHz | | |
| | | Value (Hz) | Limits (Hz) | |
| 3.8 | -10 | 0.49 | ±1768.75 | Pass |
| | -5 | -10.87 | | |
| | 0 | 9.95 | | |
| | +5 | 4.37 | | |
| | +10 | -26.56 | | |
| | +20 | 1.25 | | |
| | +30 | -8.19 | | |
| | +40 | 16.94 | | |
| | +45 | -19.77 | | |
| 4.35 | +25 | 2.73 | | |
| 3.6 | +25 | 43.47 | | |

LTE Band 17 QPSK 10 MHz

| Test Conditions | | Frequency Deviation | | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC) | Temperature (°C) | MCH 710 MHz | | |
| | | Value (Hz) | Limits (Hz) | |
| 3.8 | -10 | -0.05 | ±1775 | Pass |
| | -5 | -0.07 | | |
| | 0 | -0.44 | | |
| | +5 | 38.11 | | |
| | +10 | -27.63 | | |
| | +20 | 39.36 | | |
| | +30 | 11.75 | | |
| | +40 | 5.65 | | |
| | +45 | 0.48 | | |
| 4.35 | +25 | 0.58 | | |
| 3.6 | +25 | -31.52 | | |

LTE Band 17 16QAM10 MHz

| Test Conditions | | Frequency Deviation | | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC) | Temperature (°C) | MCH 710 MHz | | |
| | | Value (Hz) | Limits (Hz) | |
| 3.8 | -10 | 20.41 | ±1775 | Pass |
| | -5 | -17.73 | | |
| | 0 | -3.78 | | |
| | +5 | -14.32 | | |
| | +10 | -2.34 | | |
| | +20 | -1.06 | | |
| | +30 | 9.59 | | |
| | +40 | 11.44 | | |
| | +45 | 30.88 | | |
| 4.35 | +25 | 5.26 | | |
| 3.6 | +25 | 4.00 | | |

LTE Band 28 QPSK 10 MHz

| Test Conditions | | Frequency Deviation | | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC) | Temperature (°C) | MCH 723 MHz | | |
| | | Value (Hz) | Limits (Hz) | |
| 3.8 | -10 | -7.83 | ±1807.5 | Pass |
| | -5 | -25.79 | | |
| | 0 | -25.61 | | |
| | +5 | 13.69 | | |
| | +10 | -0.12 | | |
| | +20 | 12.66 | | |
| | +30 | 11.75 | | |
| | +40 | -39.34 | | |
| | +45 | -38.55 | | |
| 4.35 | +25 | 8.98 | | |
| 3.6 | +25 | -13.53 | | |

LTE Band 28 16QAM 10 MHz

| Test Conditions | | Frequency Deviation | | Verdict |
|-----------------|------------------|---------------------|-------------|---------|
| Power (VDC) | Temperature (°C) | MCH 723 MHz | | |
| | | Value (Hz) | Limits (Hz) | |
| 3.8 | -10 | 0.49 | ±1807.5 | Pass |
| | -5 | -7.04 | | |
| | 0 | -10.25 | | |
| | +5 | -3.1 | | |
| | +10 | 0.92 | | |
| | +20 | -10.2 | | |
| | +30 | 17.15 | | |
| | +40 | -25.29 | | |
| | +45 | 12.08 | | |
| 4.35 | +25 | 20.27 | | |
| 3.6 | +25 | -9.93 | | |

A.5 Spurious Emission at Antenna Terminals

Note 1: GSM and GPRS, EGPRS modes have been verified, only the worst data with different data bandwidth show here.

Note 2: The frequency of verdict which mark by "N/A" should be ignored because they are MS carrier frequency.

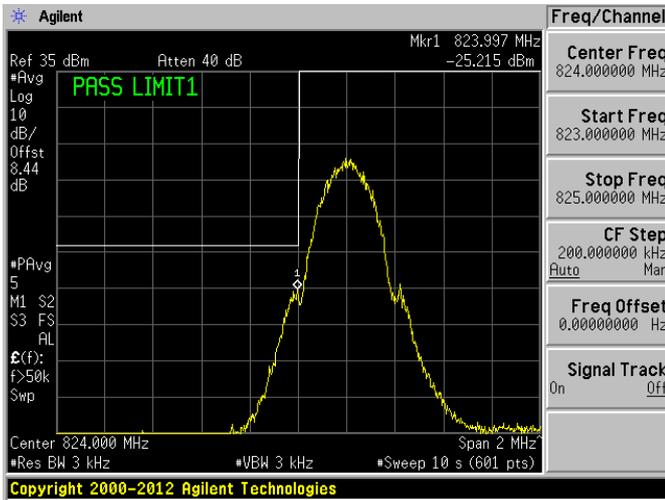
Test Data

The test datas please refer the document "Annex No.:BL-SZ1650193-Data Part 2.pdf".

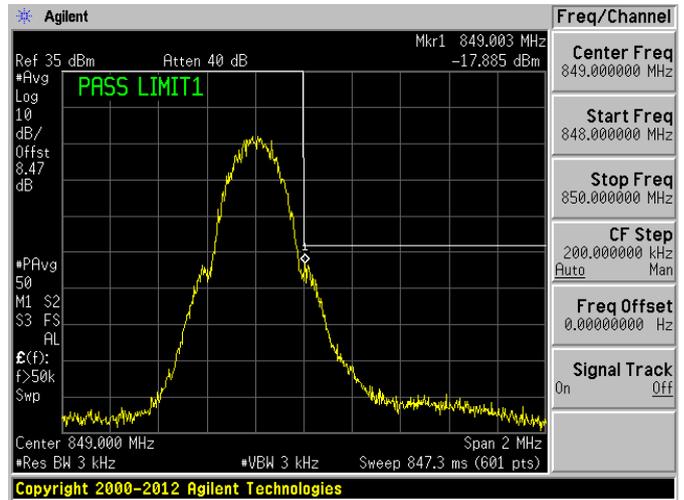
A.6 Band Edge

Test Result of Plots

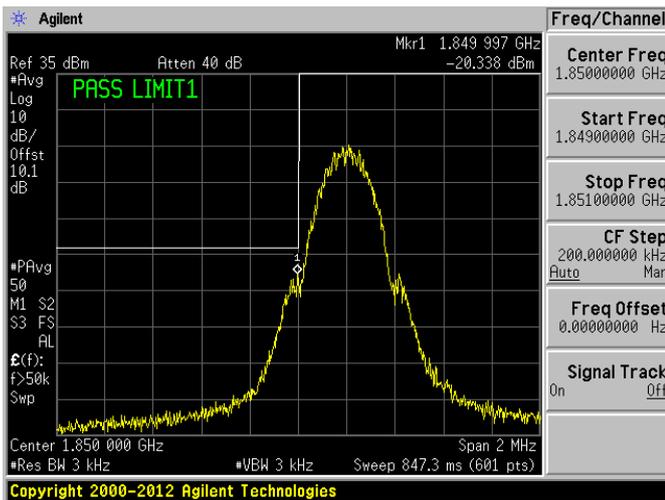
GSM 850 MHz LCH



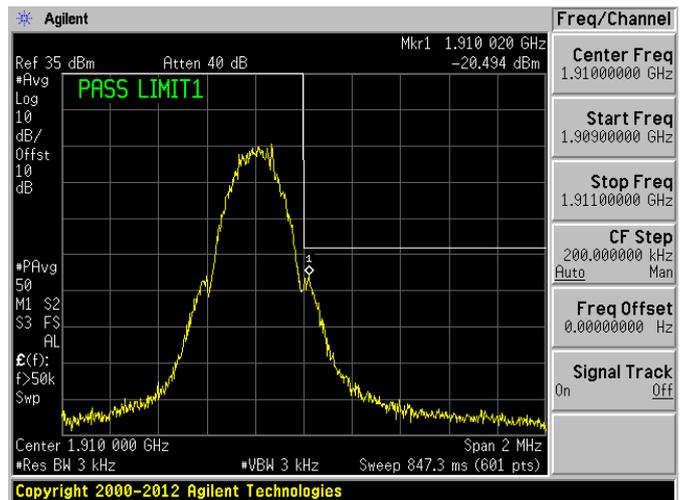
GSM 850 MHz HCH



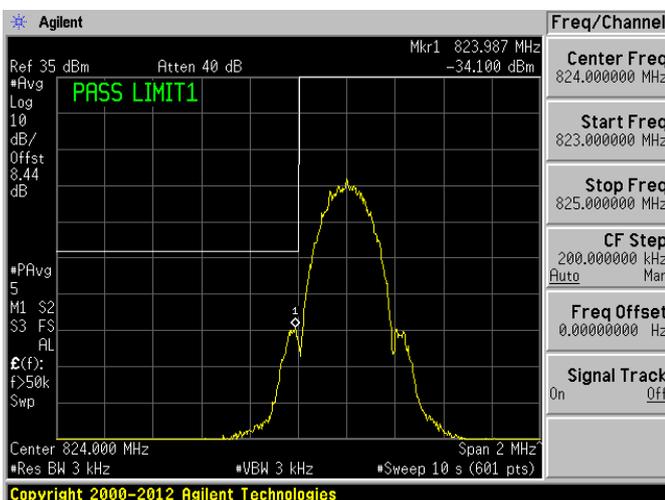
GSM 1900 MHz LCH



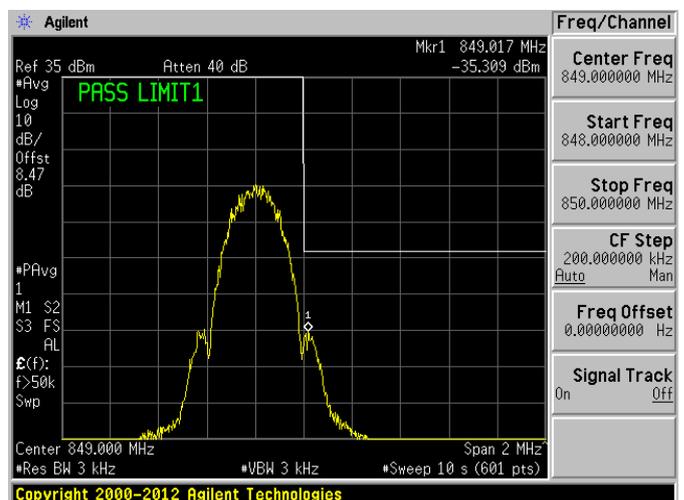
GSM 1900 MHz HCH



EGPRS 850 MHz LCH

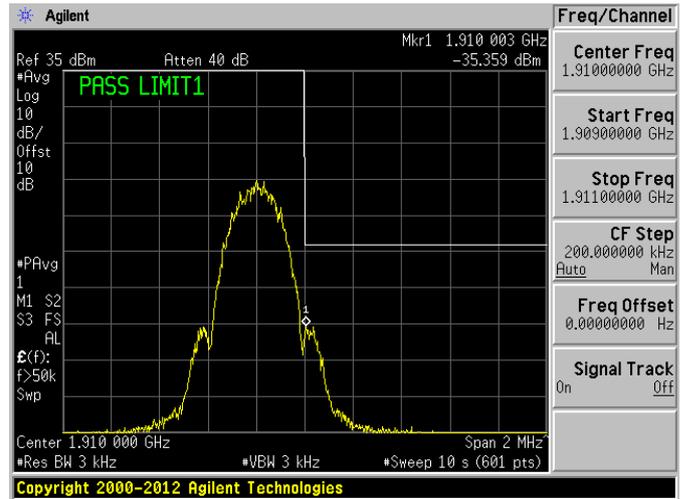
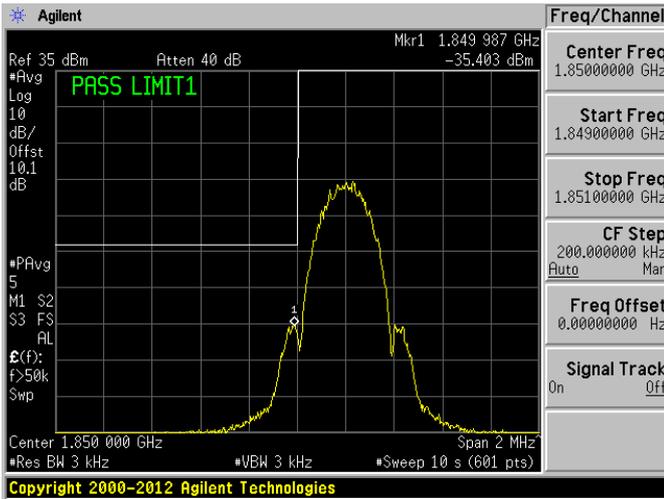


EGPRS 850 MHz HCH



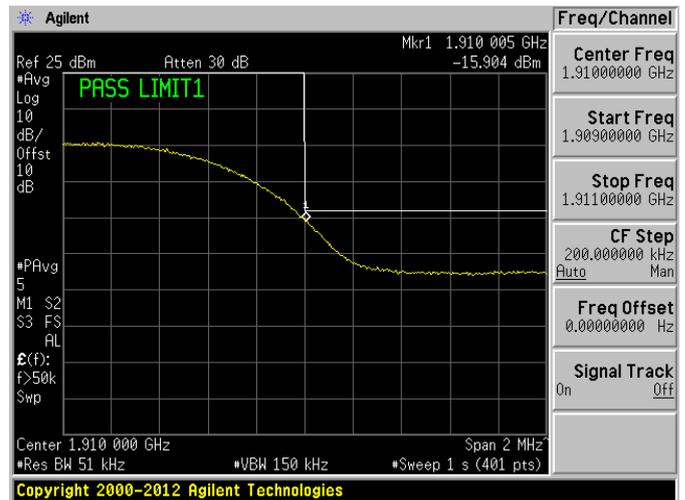
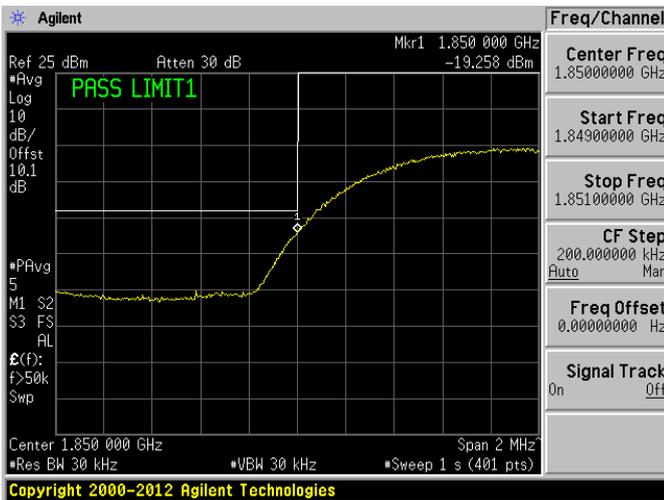
EGPRS 1900 MHz LCH

EGPRS 1900 MHz HCH



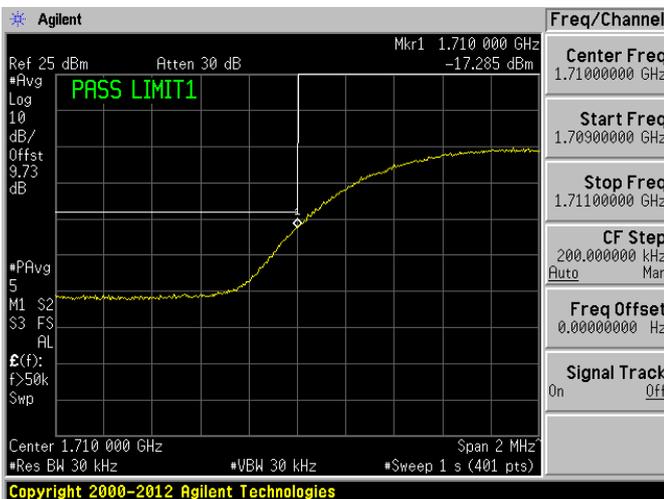
WCDMA Band 2 LCH

WCDMA Band 2 HCH



WCDMA Band 4 LCH

WCDMA Band 4 HCH



A.7 Field Strength of Spurious Radiation

Note 1: GSM and GPRS, EGPRS modes have been verified, only the worst data with different data bandwidth show here.

Note 2: The frequency of verdict which mark by "N/A" should be ignored because they are MS carrier frequency.

Test Data

The test plots please refer the document "Annex No.:BL-SZ1650193-Data Part 4.pdf".

ANNEX B TEST SETUP PHOTO

Please refer the document "Annex No.:BL- SZ1650193-AR.pdf".

ANNEX C EUT EXTERNAL PHOTO

Please refer the document "Annex No.:BL- SZ1650193-AW.pdf".

ANNEX D EUT INTERNAL PHOTO

Please refer the document "Annex No.:BL-SZ1650193-AI.pdf".

--END OF REPORT--