

# TEST REPORT

FCC ID: 2AIZN-X6878

Product: Mobile Phone

Model No.: X6878

Trade Mark: Infinix

Report No.: WSCT-ANAB-R&amp;E251000081A-RF

Issued Date: 29 December 2025

Issued for:

**INFINIX MOBILITY LIMITED**  
**FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI**  
**STREET FOTAN NT HONGKONG**

Issued By:

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## 1. GENERAL INFORMATION

|                              |                                                                                                                               |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Product:</b>              | Mobile Phone                                                                                                                  |
| <b>Model No.:</b>            | X6878                                                                                                                         |
| <b>Trade Mark:</b>           | Infinix                                                                                                                       |
| <b>Applicant:</b>            | <b>INFINIX MOBILITY LIMITED</b><br>FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI<br>STREET FOTAN NT HONGKONG |
| <b>Manufacturer:</b>         | <b>INFINIX MOBILITY LIMITED</b><br>FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI<br>STREET FOTAN NT HONGKONG |
| <b>Date of Test:</b>         | 22 September 2025 to 29 December 2025                                                                                         |
| <b>Applicable Standards:</b> | FCC CFR Title 47 Part 2, 22H, 24E ,27<br>ANSI C63.26-2015                                                                     |

The above equipment has been tested by World Standardization Certification & Testing Group (Shenzhen) Co., Ltd. And found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Tested By:

(Wang Xiang)

Checked By:

(Chen Xu)

Approved By:

(Qin Shuiquan)

Date:

29 December 2025

## 2. GENERAL DESCRIPTION OF EUT

|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Equipment Type:</b>                 | Mobile Phone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Model</b>                           | X6878                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Trade Mark</b>                      | Infinix                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Operating Bands</b>                 | GSM/GPRS/EGPRS 850/1900 MHz<br>WCDMA/HSDPA/HSUPA Band 2/4/5<br>FDD LTE Band 2/4/5/7/12/13/17/66<br>TDD LTE Band 38/41/42<br>FDD NR Band 5/7/12/66<br>TDD NR Band 38/41/77/78                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Antenna Type:</b>                   | Integral Antenna                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Antenna gain:</b>                   | GSM 850/WCDMA B5/LTE B5/NR N5: -8dbi<br>PCS 1900/WCDMA B2/LTE B2: -2.7dbi<br>WCDMA B4/LTE B4/ LTE B66/NR N66: -1.7dbi<br>LTE B7/ LTE B38/ LTE B41/ NR N7/ NR N38/ NR N41: -3.2dbi<br>LTE B12/LTE B13/LTE B17/NR N12: -6.5dbi<br>LTE B42: -1.6dBi<br>NR 77/NR 78: -1.6dBi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Radiated Power (EIRP/ERP) Limit</b> | GSM 850/WCDMA B5/LTE B5/NR N5: 7.00W(38.45dBm)<br>PCS 1900/WCDMA B2/LTE B2: 2.00W(33.01dBm)<br>WCDMA B4/LTE B4/ LTE B66/NR N66: 1.00W(30.00dBm)<br>LTE B7/LTE B38/LTE B41/NR N7/NR N38/NR N41: 2.00W(33.01dBm)<br>LTE B12/LTE B13/B17/NR N12: 3.00W(34.77dBm)<br>LTE B42/NR 77/NR 78: 1.00W(30.00dBm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Operation Frequency Range:</b>      | GSM850: 824-849MHz (TX), 869-894MHz (RX)<br>PCS1900: 1850-1910MHz (TX), 1930-1990MHz (RX)<br>WCDMA Band2: 1850-1910MHz (TX), 1930-1990MHz (RX);<br>WCDMA Band4: 1710-1755MHz (TX), 2110-2155MHz (RX);<br>WCDMA Band5: 824-849MHz (TX), 869-894MHz (RX);<br>LTE Band2: 1850-1910MHz (TX), 1930-1990MHz (RX);<br>LTE Band4: 1710-1755MHz (TX), 2110-2155MHz (RX);<br>LTE Band5: 824-849MHz (TX), 869-894MHz (RX);<br>LTE Band7: 2500-2570MHz (TX), 2620-2690MHz (RX);<br>LTE Band12: 699-716MHz (TX), 729-746MHz (RX);<br>LTE Band13: 777-787MHz (TX), 746-756MHz (RX);<br>LTE Band17: 704-716MHz (TX), 734-746MHz (RX);<br>LTE Band38: 2570-2620MHz(TX), 2570-2620MHz(RX);<br>LTE Band41: 2496-2690 MHz(TX), 2496-2690 MHz(RX);<br>LTE Band42: 3450-3550 MHz(TX), 3450-3550 MHz(RX);<br>LTE Band66: 1710-1780 MHz(TX), 2110-2200 MHz(RX);<br>LTE UL CA: CA_B2A-B4A, CA_B2A-B5A, CA_B2A-B7A, CA_B4A-B5A, CA_B4A-B7A, CA_B4A-B17A, CA_B7A-B5A, CA_7C, CA_38C, CA_41C, CA_66C<br>NR Band5: 824-849MHz (TX), 869-894MHz (RX);<br>NR Band7: 2500-2570MHz (TX), 2620-2690MHz (RX);<br>NR Band12: 699-716MHz (TX), 729-746MHz (RX);<br>NR Band38: 2570-2620MHz(TX), 2570-2620MHz(RX);<br>NR Band41: 2496-2690 MHz(TX), 2496-2690 MHz(RX);<br>NR Band66: 1710-1780 MHz(TX), 2110-2200 MHz(RX);<br>NR Band77: 3450-3550 MHz(TX), 3450-3550 MHz(RX);<br>NR Band77: 3700-3980 MHz(TX), 3700-3980 MHz(RX); |

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                    | NR Band78:3450-3550 MHz(TX), 3450-3550 MHz(RX);<br>NR Band78:3700-3800 MHz(TX), 3700-3800 MHz(RX);<br>NSA(EN-DC):<br>DC_2A_n7A, DC_2A_n66A, DC_2A_n78A,<br>DC_4A_n7A, DC_4A_n41A, DC_4A_n78A,<br>DC_5A_n7A, DC_5A_n38A, DC_5A_n41A, DC_5A_n66A,<br>DC_5A_n77A, DC_5A_n78A,<br>DC_7A_n66A, DC_7A_n77A, DC_7A_n78A,<br>DC_38A_n78A,<br>DC_41A_n77A, DC_41A_n78A,<br>DC_66A_n7A, DC_66A_n38A,<br>DC_66A_n41A, DC_66A_n77A, DC_66A_n78A                                                                                                                                                                                                                                                                                                          |
| Modulation Type    | GSM/GPRS: GMSK<br>EGPRS: 8PSK<br>WCDMA: QPSK<br>HSDPA/HSUPA: QPSK /16QAM<br>LTE: QPSK/16QAM/64QAM<br>NR: BPSK/ QPSK/16QAM/64QAM/256QAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Operating Voltage: | Adapter1:U900XSA(KT)<br>Input: 100-240V~50/60Hz 2.3A<br>Output: 5.0V---3.0A 15.0W<br>or 5.0-11.0V---8.2A 90.0W MAX<br>or 5.0-20.0V ---4.5A 90.0W MAX<br>Adapter2:U900XSA(CY)<br>Input: 100-240V~50/60Hz 2.3A<br>Output: 5.0V---3.0A 15.0W<br>or 5.0-11.0V---8.2A 90.0W MAX<br>or 5.0-20.0V ---4.5A 90.0W MAX<br>Adapter3:U1000XSA<br>Input: 100-240V~50/60Hz 2.3A<br>Output: 5.0V---3.0A 15.0W<br>or 5.0-11.0V---9.1A MAX<br>or 4.0-20.0V ---5.0A 100.0W MAX<br>Rechargeable Li-ion Polymer Battery :BL-58KX<br>Nominal Voltage: 3.92V<br>Rated Capacity:5850mAh/22.94Wh<br>Typical Capacity:6000mAh/23.52Wh<br>Limited Charge Voltage:4.53V<br>Wireless charger:XMC30<br>Input: 5.0V---2A 9.0V---2A 14.0V---2.2A<br>Output: 5W/7.5W/10W/30W |
| Max power:         | See Table 2.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Remark:            | N/A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

- Note:
1. The EUT is a Mobile Phone, supporting dual SIM card slots under the same transceiver. Both SIM card slots support GSM, WCDMA, LTE, NR and both SIM card slots share the same transceiver, so only SIM1 is tested in this report.
  2. The antenna gain provided by the applicant, and the laboratory will not be responsible for the accumulated calculation results which covers the information provided by the applicant.
  3. N/A stands for no applicable.
  4. Antenna gain provided by the customer.
  5. This EUT has three adapters, all of which have been tested. The report only shows the worst case scenario, with the worst adapter model being U1000XSA

**Table 2.1 Maximum power in the operating frequency band.**

| Operation Band (s)            | Power Class | Modulation Type | Maximum conducted output power (dBm) | ERP/EIRP (dBm) |
|-------------------------------|-------------|-----------------|--------------------------------------|----------------|
| GSM 850/GPRS 850              | Class 4     | GMSK            | 34.81                                | 27.46          |
| EGPRS 850                     | Class 4     | 8PSK            | 34.95                                | 27.60          |
| GSM 1900/ GPRS 1900           | Class 1     | GMSK            | 31.79                                | 29.09          |
| EGPRS 1900                    | Class 1     | 8PSK            | 28.00                                | 25.30          |
| WCDMA Band 2                  | Class 3     | QPSK            | 15.85                                | 13.15          |
| WCDMA Band 4                  | Class 3     | QPSK            | 23.36                                | 21.66          |
| WCDMA Band 5                  | Class 3     | QPSK            | 24.31                                | 16.96          |
| E-UTRA Band 2                 | Class 3     | QPSK            | 23.88                                | 21.18          |
| E-UTRA Band 2                 | Class 3     | 16QAM           | 23.05                                | 20.35          |
| E-UTRA Band 4                 | Class 3     | QPSK            | 24.54                                | 22.84          |
| E-UTRA Band 4                 | Class 3     | 16QAM           | 24.00                                | 22.3           |
| E-UTRA Band 5                 | Class 3     | QPSK            | 23.96                                | 13.81          |
| E-UTRA Band 5                 | Class 3     | 16QAM           | 23.09                                | 12.94          |
| E-UTRA Band 7                 | Class 3     | QPSK            | 22.73                                | 19.53          |
| E-UTRA Band 7                 | Class 3     | 16QAM           | 22.35                                | 19.15          |
| E-UTRA Band 12                | Class 3     | QPSK            | 24.04                                | 15.39          |
| E-UTRA Band 12                | Class 3     | 16QAM           | 23.53                                | 14.88          |
| E-UTRA Band 13                | Class 3     | QPSK            | 24.08                                | 15.43          |
| E-UTRA Band 13                | Class 3     | 16QAM           | 23.57                                | 14.92          |
| E-UTRA Band 17                | Class 3     | QPSK            | 24.07                                | 15.42          |
| E-UTRA Band 17                | Class 3     | 16QAM           | 23.58                                | 14.93          |
| E-UTRA Band 38                | Class 3     | QPSK            | 22.63                                | 19.43          |
| E-UTRA Band 38                | Class 3     | 16QAM           | 22.08                                | 18.88          |
| E-UTRA Band 41                | Class 3     | QPSK            | 22.67                                | 19.47          |
| E-UTRA Band 41                | Class 3     | 16QAM           | 22.56                                | 19.36          |
| E-UTRA Band 42 (3450-3550Mhz) | Class 3     | QPSK            | 20.64                                | 19.04          |
|                               | Class 3     | 16QAM           | 20.03                                | 18.43          |
| E-UTRA Band 66                | Class 3     | QPSK            | 23.64                                | 21.94          |
| E-UTRA Band 66                | Class 3     | 16QAM           | 23.09                                | 21.39          |
| NR n5                         | Class 3     | BPSK            | 25.57                                | 15.42          |

|                          |         |        |       |       |
|--------------------------|---------|--------|-------|-------|
|                          | Class 3 | QPSK   | 25.59 | 15.44 |
|                          | Class 3 | 16QAM  | 24.67 | 14.52 |
|                          | Class 3 | 64QAM  | 23.2  | 13.05 |
|                          | Class 3 | 256QAM | 21.2  | 11.05 |
|                          | Class 3 | BPSK   | 23.46 | 20.26 |
| NR n7                    | Class 3 | QPSK   | 23.46 | 20.26 |
|                          | Class 3 | 16QAM  | 23.01 | 19.81 |
|                          | Class 3 | 64QAM  | 21.78 | 18.58 |
|                          | Class 3 | 256QAM | 19.7  | 16.5  |
|                          | Class 3 | BPSK   | 25.92 | 17.27 |
| NR n12                   | Class 3 | QPSK   | 25.79 | 17.14 |
|                          | Class 3 | 16QAM  | 25.2  | 16.55 |
|                          | Class 3 | 64QAM  | 23.91 | 15.26 |
|                          | Class 3 | 256QAM | 21.86 | 13.21 |
|                          | Class 3 | BPSK   | 24.15 | 20.95 |
| NR n38                   | Class 3 | QPSK   | 24.25 | 21.05 |
|                          | Class 3 | 16QAM  | 23.22 | 20.02 |
|                          | Class 3 | 64QAM  | 22.05 | 18.85 |
|                          | Class 3 | 256QAM | 19.6  | 16.4  |
|                          | Class 3 | BPSK   | 24.14 | 20.94 |
| NR n41                   | Class 3 | QPSK   | 24.23 | 21.03 |
|                          | Class 3 | 16QAM  | 23.28 | 20.08 |
|                          | Class 3 | 64QAM  | 21.76 | 18.56 |
|                          | Class 3 | 256QAM | 19.74 | 16.54 |
|                          | Class 3 | BPSK   | 24.01 | 22.31 |
| NR n66                   | Class 3 | QPSK   | 24.02 | 22.32 |
|                          | Class 3 | 16QAM  | 23.61 | 21.91 |
|                          | Class 3 | 64QAM  | 22.32 | 20.62 |
|                          | Class 3 | 256QAM | 20.35 | 18.65 |
|                          | Class 3 | BPSK   | 26.04 | 24.44 |
| NR n77<br>(3450-3550Mhz) | Class 3 | QPSK   | 26.05 | 24.45 |
|                          | Class 3 | 16QAM  | 24.98 | 23.38 |
|                          | Class 3 | 64QAM  | 23.93 | 22.33 |

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|                           |         |        |       |       |
|---------------------------|---------|--------|-------|-------|
| NR n77<br>(3700-3980 Mhz) | Class 3 | 256QAM | 21.78 | 20.18 |
|                           | Class 3 | BPSK   | 26.22 | 24.62 |
|                           | Class 3 | QPSK   | 26.17 | 24.57 |
|                           | Class 3 | 16QAM  | 25.34 | 23.74 |
|                           | Class 3 | 64QAM  | 23.81 | 22.21 |
|                           | Class 3 | 256QAM | 22.11 | 20.51 |
| NR n78<br>(3450-3550 Mhz) | Class 3 | BPSK   | 26.55 | 24.95 |
|                           | Class 3 | QPSK   | 26.63 | 25.03 |
|                           | Class 3 | 16QAM  | 25.52 | 23.92 |
|                           | Class 3 | 64QAM  | 24.26 | 22.66 |
|                           | Class 3 | 256QAM | 22.06 | 20.46 |
| NR n78<br>(3700-3800 Mhz) | Class 3 | BPSK   | 25.91 | 24.31 |
|                           | Class 3 | QPSK   | 25.92 | 24.32 |
|                           | Class 3 | 16QAM  | 24.84 | 23.24 |
|                           | Class 3 | 64QAM  | 23.58 | 21.98 |
|                           | Class 3 | 256QAM | 21.56 | 19.96 |

### 3. FACILITIES AND ACCREDITATIONS

#### 3.1. Facilities

All measurement facilities used to collect the measurement data are located at **Building A-B, Baoli'an Industrial Park, No.58 and 60, Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, China** of the World Standardization Certification & Testing Group (Shenzhen) Co., Ltd.

The sites are constructed in conformance with the requirements of ANSI C63.4 and CISPR Publication 32. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

#### 3.2. ACCREDITATIONS

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025:2017.

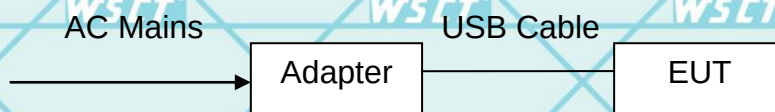
|        |                                    |
|--------|------------------------------------|
| USA    | ANAB - Certificate Number: AT-3951 |
| China  | CNAS (Registration Number: L3732)  |
| Canada | ISED (CAB identifier: CN0178)      |

Copies of granted accreditation certificates are available for downloading from our web site, <http://www.wsct-cert.com>

### 3.3. EUT System Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commission's requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

**Fig. 3.2-1 Configuration of EUT System**



(EUT: Mobile Phone)

**Table 3.2-1 Equipment Used in EUT System**

| Item | Equipment | Model No.  | ID or Specification | Note        |
|------|-----------|------------|---------------------|-------------|
| 1    | Adapter   | Adapter1-3 |                     | Accessories |

\*\*\*Note: All the accessories have been used during the test. The following “EUT” in setup diagram means EUT system.

### 3.4. Description Of Test Channels And Test Modes

#### Test channels:

| Test Mode           | UL Channel     | UL Channel No. | UL Frequency (MHz) |
|---------------------|----------------|----------------|--------------------|
| GSM/GPRS/EGPRS 850  | Low Channel    | 128            | 824.2              |
|                     | Middle Channel | 190            | 836.6              |
|                     | High Channel   | 251            | 848.8              |
| GSM/GPRS/EGPRS 1900 | Low Channel    | 512            | 1850.2             |
|                     | Middle Channel | 661            | 1880.0             |
|                     | High Channel   | 810            | 1909.8             |
| WCDMA Band 2        | Low Channel    | 9262           | 1852.4             |
|                     | Middle Channel | 9400           | 1880.0             |
|                     | High Channel   | 9538           | 1907.6             |
| WCDMA Band 4        | Low Channel    | 1312           | 1712.4             |
|                     | Middle Channel | 1412           | 1732.6             |
|                     | High Channel   | 1513           | 1752.6             |
| WCDMA Band 5        | Low Channel    | 4132           | 826.4              |
|                     | Middle Channel | 4182           | 836.4              |
|                     | High Channel   | 4233           | 846.6              |

| LTE Band2    |                  |            |                |
|--------------|------------------|------------|----------------|
| Test Channel | BW(MHz)          | UL Channel | Frequency(MHz) |
| 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 Band4    |                  |            |                |
|--------------|------------------|------------|----------------|
| Test Channel | BW(MHz)          | UL Channel | Frequency(MHz) |
| 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           |
|              | 15               | 20325      | 1747.5         |
|              | 20               | 20300      | 1745           |

| LTE Band 5   |            |            |                |
|--------------|------------|------------|----------------|
| Test Channel | BW(MHz)    | UL Channel | Frequency(MHz) |
| Low Range    | 1.4        | 20407      | 824.7          |
|              | 3          | 20415      | 825.5          |
|              | 5          | 20425      | 826.5          |
|              | 10         | 20450      | 829            |
| Mid Range    | 1.4/3/5/10 | 20525      | 836.5          |
| High Range   | 1.4        | 20643      | 848.3          |
|              | 3          | 20635      | 847.5          |
|              | 5          | 20625      | 846.5          |
|              | 10         | 20600      | 844            |

| LTE Band 7   |            |            |                |
|--------------|------------|------------|----------------|
| Test Channel | BW(MHz)    | UL Channel | Frequency(MHz) |
| Low Range    | 5          | 20775      | 2502.5         |
|              | 10         | 20800      | 2505           |
|              | 15         | 20825      | 2507.5         |
|              | 20         | 20850      | 2510           |
| Mid Range    | 5/10/15/20 | 21100      | 2535           |
| High Range   | 5          | 21425      | 2567.5         |
|              | 10         | 21400      | 2565           |
|              | 15         | 21375      | 2562.5         |
|              | 20         | 21350      | 2560           |

| LTE Band 12  |            |            |                |
|--------------|------------|------------|----------------|
| Test Channel | BW(MHz)    | UL Channel | Frequency(MHz) |
| Low Range    | 1.4        | 23017      | 699.7          |
|              | 3          | 23025      | 700.5          |
|              | 5          | 23035      | 701.5          |
|              | 10         | 23060      | 704            |
| Mid Range    | 1.4/3/5/10 | 23095      | 707.5          |
| High Range   | 1.4        | 23173      | 715.3          |
|              | 3          | 23165      | 714.5          |
|              | 5          | 23155      | 713.5          |
|              | 10         | 23130      | 711            |

| LTE Band 13  |         |            |                |
|--------------|---------|------------|----------------|
| Test Channel | BW(MHz) | UL Channel | Frequency(MHz) |
| Low Range    | 5       | 23205      | 779.5          |
| Mid Range    | 5/10    | 23230      | 782            |
| High Range   | 10      | 23255      | 784.5          |

| LTE Band 17  |         |            |                |
|--------------|---------|------------|----------------|
| Test Channel | BW(MHz) | UL Channel | Frequency(MHz) |
| Low Range    | 5       | 23755      | 706.5          |
|              | 10      | 23780      | 709            |
| Mid Range    | 5/10    | 23790      | 710            |
| High Range   | 5       | 23825      | 713.5          |
|              | 10      | 23800      | 711            |

| LTE Band 38  |            |            |                |
|--------------|------------|------------|----------------|
| Test Channel | BW(MHz)    | UL Channel | Frequency(MHz) |
| Low Range    | 5          | 37775      | 2572.5         |
|              | 10         | 37800      | 2575           |
|              | 15         | 37825      | 2577.5         |
|              | 20         | 37850      | 2580           |
| Mid Range    | 5/10/15/20 | 38000      | 2595           |
| High Range   | 5          | 38225      | 2617.5         |
|              | 10         | 38200      | 2615           |
|              | 15         | 38175      | 2612.5         |
|              | 20         | 38150      | 2610           |

| LTE Band 41  |            |            |                |
|--------------|------------|------------|----------------|
| Test Channel | BW(MHz)    | UL Channel | Frequency(MHz) |
| Low Range    | 5          | 39675      | 2498.5         |
|              | 10         | 39700      | 2501           |
|              | 15         | 39725      | 2503.5         |
|              | 20         | 39750      | 2506           |
| Mid Range    | 5/10/15/20 | 40620      | 2593           |
| High Range   | 5          | 41565      | 2687.5         |
|              | 10         | 41540      | 2685           |
|              | 15         | 41515      | 2682.5         |
|              | 20         | 41490      | 2680           |

| LTE Band 42(3450-3550Mhz) |            |            |                |
|---------------------------|------------|------------|----------------|
| Test Channel              | BW(MHz)    | UL Channel | Frequency(MHz) |
| Low Range                 | 5          | 42115      | 3452.5         |
|                           | 10         | 42140      | 3455           |
|                           | 15         | 42165      | 3457.5         |
|                           | 20         | 42190      | 3460           |
| Mid Range                 | 5/10/15/20 | 42590      | 3500           |
| High Range                | 5          | 43065      | 3547.5         |
|                           | 10         | 43040      | 3545           |
|                           | 15         | 43015      | 3542.5         |
|                           | 20         | 42990      | 3540           |

| LTE Band66   |                  |            |                |
|--------------|------------------|------------|----------------|
| Test Channel | BW(MHz)          | UL Channel | Frequency(MHz) |
| Low Range    | 1.4              | 131979     | 1710.7         |
|              | 3                | 131987     | 1711.5         |
|              | 5                | 131997     | 1712.5         |
|              | 10               | 132022     | 1715           |
|              | 15               | 132047     | 1717.5         |
|              | 20               | 132072     | 1720           |
| Mid Range    | 1.4/3/5/10/15/20 | 132322     | 1745           |
| High Range   | 1.4              | 132665     | 1779.3         |
|              | 3                | 132657     | 1778.5         |
|              | 5                | 132647     | 1777.5         |
|              | 10               | 132622     | 1775           |
|              | 15               | 132597     | 1772.5         |
|              | 20               | 132572     | 1770           |

| NR n5        |          |            |                |
|--------------|----------|------------|----------------|
| Test Channel | BW(MHz)  | UL Channel | Frequency(MHz) |
| Low Range    | 10       | 165800     | 829            |
|              | 15       | 166300     | 831.5          |
|              | 20       | 166800     | 834            |
| Mid Range    | 10/15/20 | 167300     | 836.5          |
| High Range   | 10       | 168800     | 844            |
|              | 15       | 168300     | 841.5          |
|              | 20       | 167800     | 839            |

| NR n7        |          |            |                |
|--------------|----------|------------|----------------|
| Test Channel | BW(MHz)  | UL Channel | Frequency(MHz) |
| Low Range    | 10       | 501000     | 2505           |
|              | 15       | 501500     | 2507.5         |
|              | 20       | 502000     | 2510           |
| Mid Range    | 10/15/20 | 507000     | 2535           |
| High Range   | 10       | 513000     | 2565           |
|              | 15       | 512500     | 2562.5         |
|              | 20       | 512000     | 2560           |

| NR n12       |         |            |                |
|--------------|---------|------------|----------------|
| Test Channel | BW(MHz) | UL Channel | Frequency(MHz) |
| Low Range    | 10      | 140800     | 704            |
|              | 15      | 141300     | 706.5          |
| Mid Range    | 10/15   | 141500     | 707.5          |
| High Range   | 10      | 142200     | 711            |
|              | 15      | 141700     | 708.5          |

| NR n38       |         |            |                |
|--------------|---------|------------|----------------|
| Test Channel | BW(MHz) | UL Channel | Frequency(MHz) |
| Low Range    | 10      | 515000     | 2575           |
|              | 20      | 522500     | 2580           |
| Mid Range    | 10/20   | 519000     | 2595           |
| High Range   | 10      | 523000     | 2615           |
|              | 20      | 522000     | 2610           |

| NR n41       |           |            |                |
|--------------|-----------|------------|----------------|
| Test Channel | BW(MHz)   | UL Channel | Frequency(MHz) |
| Low Range    | 20        | 501204     | 2506           |
|              | 50        | 504204     | 2521           |
|              | 100       | 509202     | 2546           |
| Mid Range    | 20/50/100 | 518598     | 2593           |
| High Range   | 20        | 535998     | 2680           |
|              | 50        | 532998     | 2665           |
|              | 100       | 528000     | 2640           |

| NR n66       |          |            |                |
|--------------|----------|------------|----------------|
| Test Channel | BW(MHz)  | UL Channel | Frequency(MHz) |
| Low Range    | 10       | 343000     | 1715           |
|              | 20       | 344000     | 1720           |
|              | 40       | 346000     | 1730           |
| Mid Range    | 10/20/40 | 349000     | 1745           |
| High Range   | 10       | 355000     | 1775           |
|              | 20       | 354000     | 1770           |
|              | 40       | 349000     | 1760           |

| NR n77(3450-3550Mhz) |           |            |                |
|----------------------|-----------|------------|----------------|
| Test Channel         | BW(MHz)   | UL Channel | Frequency(MHz) |
| Low Range            | 10        | 630334     | 3455           |
|                      | 50        | 631668     | 3475           |
| Mid Range            | 10/50/100 | 633334     | 3500           |
| High Range           | 10        | 636332     | 3545           |
|                      | 50        | 635000     | 3525           |

| NR n77(3700-3980Mhz) |           |            |                |
|----------------------|-----------|------------|----------------|
| Test Channel         | BW(MHz)   | UL Channel | Frequency(MHz) |
| Low Range            | 10        | 647000     | 3705           |
|                      | 50        | 648334     | 3725           |
|                      | 100       | 650000     | 3750           |
| Mid Range            | 10/50/100 | 656000     | 3890           |
| High Range           | 10        | 665000     | 3975           |
|                      | 50        | 663666     | 3955           |
|                      | 100       | 662000     | 3930           |

| NR n78(3450-3550Mhz) |           |            |                |
|----------------------|-----------|------------|----------------|
| Test Channel         | BW(MHz)   | UL Channel | Frequency(MHz) |
| Low Range            | 10        | 630334     | 3455           |
|                      | 50        | 631668     | 3475           |
| Mid Range            | 10/50/100 | 633334     | 3500           |
| High Range           | 10        | 636332     | 3545           |
|                      | 50        | 635000     | 3525           |

| NR n78(3700-3800Mhz) |           |            |                |
|----------------------|-----------|------------|----------------|
| Test Channel         | BW(MHz)   | UL Channel | Frequency(MHz) |
| Low Range            | 10        | 647000     | 3705           |
|                      | 50        | 648334     | 3725           |
| Mid Range            | 10/50/100 | 650000     | 3750           |
| High Range           | 10        | 653000     | 3795           |
|                      | 50        | 651666     | 3775           |

Note 1: BPSK&QPSK&16QAM&QAM64&QAM256 modulation has been measured;  
Note 2: The worst condition was recorded in the test report if no other modes test data.

### 3.5. Equipment Modifications

Not available for this EUT intended for grant.

#### 4. SUMMARY OF TEST REQUIREMENTS AND RESULTS

| No. | Description                            | FCC Part No.                                 | Test Verdict | Remark |
|-----|----------------------------------------|----------------------------------------------|--------------|--------|
| 1   | Conducted RF Output Power              | 2.1046                                       | Pass         | --     |
| 2   | Effective (Isotropic) Radiated Power   | 2.1046<br>22.913(a)<br>24.232(c)<br>27.50    | Pass         | --     |
| 3   | Peak to Average Ratio                  | 2.1046<br>22.913(d)<br>24.232(d)<br>27.50(d) | Pass         | --     |
| 4   | Occupied Bandwidth                     | 2.1049<br>22.917(b)<br>24.238(b)<br>27.53    | Pass         | --     |
| 5   | Frequency Stability                    | 2.1055<br>22.355<br>24.235<br>27.54          | Pass         | --     |
| 6   | Spurious Emission at Antenna Terminals | 2.1051<br>22.917<br>24.238<br>27.53          | Pass         | --     |
| 7   | Band Edge                              | 2.1051<br>22.917<br>24.238<br>27.53          | Pass         | --     |
| 8   | Field Strength of Spurious Radiation   | 2.1053<br>22.917<br>24.238<br>27.53          | Pass         | --     |

## 5. MEASUREMENT INSTRUMENTS

| NAME OF EQUIPMENT                    | MANUFACTURER           | MODEL        | SERIAL NUMBER | Calibration Date | Calibration Due. |
|--------------------------------------|------------------------|--------------|---------------|------------------|------------------|
| EMI Test Receiver                    | R&S                    | ESCI         | 100005        | 11/05/2025       | 11/04/2026       |
| LISN                                 | AFJ                    | LS16         | 16010222119   | 11/05/2025       | 11/04/2026       |
| LISN(EUT)                            | Mestec                 | AN3016       | 04/10040      | 11/05/2025       | 11/04/2026       |
| Universal Radio Communication Tester | R&S                    | CMU 200      | 1100.0008.02  | 11/05/2025       | 11/04/2026       |
| Coaxial cable                        | Megalon                | LMR400       | N/A           | 11/05/2025       | 11/04/2026       |
| GPIO cable                           | Megalon                | GPIO         | N/A           | 11/05/2025       | 11/04/2026       |
| Spectrum Analyzer                    | R&S                    | FSU          | 100114        | 11/05/2025       | 11/04/2026       |
| Pre Amplifier                        | H.P.                   | HP8447E      | 2945A02715    | 11/05/2025       | 11/04/2026       |
| Pre-Amplifier                        | CDSI                   | PAP-1G18-38  | --            | 11/05/2025       | 11/04/2026       |
| Loop Antenna                         | R&S                    | HFH2-Z2      | 100296        | 11/05/2025       | 11/04/2026       |
| Bi-log Antenna                       | SCHWARZBECK            | VULB9168     | 01488         | 7/29/2025        | 7/28/2026        |
| 9*6*6 Anechoic                       | --                     | --           | --            | 11/05/2025       | 11/04/2026       |
| Horn Antenna                         | COMPLIANCE ENGINEERING | CE18000      | --            | 11/05/2025       | 11/04/2026       |
| Horn Antenna                         | SCHWARZBECK            | BBHA9120D    | 9120D-631     | 11/05/2025       | 11/04/2026       |
| Power meter                          | Anritsu                | ML2487A      | 6K00003613    | 11/05/2025       | 11/04/2026       |
| Power meter                          | Anritsu                | MA2491A      | 32263         | 11/05/2025       | 11/04/2026       |
| Cable                                | TIME MICROWAVE         | LMR-400      | N-TYPE04      | 11/05/2025       | 11/04/2026       |
| System-Controller                    | CCS                    | N/A          | N/A           | N.C.R            | N.C.R            |
| Turn Table                           | CCS                    | N/A          | N/A           | N.C.R            | N.C.R            |
| Antenna Tower                        | CCS                    | N/A          | N/A           | N.C.R            | N.C.R            |
| RF cable                             | Murata                 | MXHQ87WA3000 | -             | 11/05/2025       | 11/04/2026       |
| Loop Antenna                         | EMCO                   | 6502         | 00042960      | 11/05/2025       | 11/04/2026       |
| Wideband Radio Communication Tester  | R&S                    | CMW 500      | 103974        | 11/05/2025       | 11/04/2026       |
| Horn Antenna                         | SCHWARZBECK            | BBHA 9170    | 1123          | 11/05/2025       | 11/04/2026       |
| H & T Chamber                        | Guangzhou gongwen      | GDJS-500-40  | 0329          | 11/05/2025       | 11/04/2026       |
| UXM 5G Wireless Test Platform        | KEYSIGHT               | E7515B       | MY60192341    | 11/05/2025       | 11/04/2026       |
| Anechoic chamber                     | SAEMC                  | 966          | -             | 11/05/2025       | 11/04/2026       |
| Spectrum Analyzer                    | KEYSIGHT               | N9010B       | MY60241089    | 11/05/2025       | 11/04/2026       |

## 6. Transmitter Radiated Power (EIRP/ERP)

### Test limit:

FCC § 2.1046 & 22.913(a) & 24.232(c) & 27.50(a) & 27.50(b) & 27.50(c) & 27.50(d) & 27.50(h) & 27.50(j) & 27.50(k)

According to FCC section 22.913(a) (5), the Effective Radiated Power (ERP) of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC section 24.232(c), 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.

According to FCC section 27.50(a) (3), for mobile and portable stations transmitting in the 2305-2315MHz band or the 2350-2360MHz band, the average EIRP must not exceed 50 mill watts within any 1 megahertz of authorized bandwidth, except that for mobile and portable stations compliant with 3GPP LTE standards. For mobile and portable stations using time division depleting (TDD) technology, the duty cycle must not exceed 38 percent in the 2305-2315 MHz and 2350-2360 MHz bands.

FCC section 27.50(b) (10), portable stations (hand-held devices) transmitting in the 746-757MHz, 776-788MHz, and 805-806MHz bands are limited to 3 watts ERP.

FCC section 27.50(c) (10), portable stations (hand-held devices) in the 600MHz uplink band and the 698-746MHz band, and fixed and mobile stations in the 600MHz uplink band are limited to 3 watts ERP.

FCC section 27.50(d) (4), 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.

(7) Fixed, mobile, and portable (hand-held) stations operating in the 2000-2020 MHz band are limited to 2 watts EIRP.

And FCC section 27.50(h) (2), for 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.

FCC section 27.50(j) (3), for mobile, and portable (hand-held) stations operating in the 3700-3980 MHz band are limited to 1 watt EIRP.

FCC section 27.50(k) (3), Mobile devices are limited to 1Watt (30 dBm) EIRP in the 3450-3550 MHz band.

### Test procedure:

#### Description of the Conducted Output Power Measurement

The EUT is coupled to the SS with attenuator through power splitter; the RF load attached to EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. A system simulator is used to establish communication with the EUT, and its parameters are 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.

The relevant equation for determining the conducted measured value is:

Conducted Output Power Value (dBm) = Measured Value (dBm) + Path Loss (dB)

where:

Conducted Output Power Value = final conducted measured value in the conducted power test, in dBm;  
Measured Value = measured conducted power received by spectrum analyzer or power meter, in dBm;  
Path Loss = signal attenuation in the connecting cable between the transmitter and spectrum analyzer or power meter, including external cable loss, in dB;

During the test, the data of Path Loss (dB) is added in the spectrum analyzer or power meter, so Measured Value (dBm) is the final values which contains the data of Path Loss (dB).

**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).

**Final measurement calculation as below**

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

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

where:

ERP/EIRP = effective or equivalent radiated power, respectively (expressed in the same units as P<sub>Meas</sub>, typically dBW or dBm);

P<sub>Meas</sub> = 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 (EIRP) -2.15 dB

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.

The relevant equation for determining the ERP/EIRP from the radiated RF output power is:

$$\text{ERP/EIRP (dBm)} = \text{SA Read Value (dBm)} + \text{Correction Factor (dB)}$$

where:

ERP/EIRP = effective or equivalent radiated power, in dBm;

SA Read Value = measured transmitter power received by EMI receiver or spectrum analyzer, in dBm;

Correction Factor = total correction factor including cable loss, in dB;

During the test, the data of Correction Factor (dB) is added in the EMI receiver or spectrum analyzer, so SA Read Value (dBm) is the final values which contains the data of Correction Factor (dB).

**Test Result**

*Note: Please refer to Annex (GSM,WCDMA,LTE&NR Conducted output power) for more test data*

## 7. Peak to Average Ratio

### 7.1.1. Limit

FCC § 2.1046 & 24.232(d) & 27.50(d) & 27.50(j) & 27.50(k)

In addition, when the transmitter power is measured in terms of average value, 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.

According to FCC section 24.232(d), 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.

FCC section 24.232(e), 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.

According to FCC section 27.50(d) (5) & 27.50(j) & 27.50(k), in measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13dB.

### 7.1.2. Test Procedure

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

According to KDB 971168 D01, there is CCDF procedure for PAPR:

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%.

## 7.2. Test Result

Note: Please refer to Annex (GSM,WCDMA,LTE&NR Peak-to-Average Ratio) for more test data

## 8. SPURIOUS EMISSION (Conducted and Radiated)

### 8.1 Measurement Result (Pre-measurement)

#### GSM850:

| Test Channel | BW(MHz) | UL Channel | Frequency(MHz) | Judgment |
|--------------|---------|------------|----------------|----------|
| Low Range    | 0.2     | 128        | 824.2          | Pass     |
| Middle Range | 0.2     | 190        | 836.6          | Pass     |
| High Range   | 0.2     | 251        | 848.8          | Pass     |

#### PCS 1900 :

| Test Channel | BW(MHz) | UL Channel | Frequency(MHz) | Judgment |
|--------------|---------|------------|----------------|----------|
| Low Range    | 0.2     | 512        | 1850.2         | Pass     |
| Middle Range | 0.2     | 661        | 1880.0         | Pass     |
| High Range   | 0.2     | 810        | 1909.8         | Pass     |

#### UTRA BANDS

##### Band 2:

| Test Channel | BW(MHz) | UL Channel | Frequency(MHz) | Judgment |
|--------------|---------|------------|----------------|----------|
| Low Range    | 5       | 9262       | 1852.4         | Pass     |
| Middle Range | 5       | 9400       | 1880.0         | Pass     |
| High Range   | 5       | 9538       | 1907.6         | Pass     |

##### Band 4:

| Test Channel | BW(MHz) | UL Channel | Frequency(MHz) | Judgment |
|--------------|---------|------------|----------------|----------|
| Low Range    | 5       | 1312       | 1712.4         | Pass     |
| Middle Range | 5       | 1413       | 1732.6         | Pass     |
| High Range   | 5       | 1513       | 1752.6         | Pass     |

##### Band 5:

| Test Channel | BW(MHz) | UL Channel | Frequency(MHz) | Judgment |
|--------------|---------|------------|----------------|----------|
| Low Range    | 5       | 4132       | 826.4          | Pass     |
| Middle Range | 5       | 4182       | 836.4          | Pass     |
| High Range   | 5       | 4233       | 846.6          | Pass     |

## E-UTRA BANDS

### Band 2:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 1.4       | 18607      | 1850.7    | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 18607      | 1850.7    | Q16        | 6       | LOW       | Pass     |
| 1.4       | 18900      | 1880      | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 18900      | 1880      | Q16        | 6       | LOW       | Pass     |
| 1.4       | 19193      | 1909.3    | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 19193      | 1909.3    | Q16        | 6       | LOW       | Pass     |
| 3         | 18615      | 1851.5    | QPSK       | 15      | LOW       | Pass     |
| 3         | 18615      | 1851.5    | Q16        | 15      | LOW       | Pass     |
| 3         | 18900      | 1880      | QPSK       | 15      | LOW       | Pass     |
| 3         | 18900      | 1880      | Q16        | 15      | LOW       | Pass     |
| 3         | 19185      | 1908.5    | QPSK       | 15      | LOW       | Pass     |
| 3         | 19185      | 1908.5    | Q16        | 15      | LOW       | Pass     |
| 5         | 18625      | 1852.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 18625      | 1852.5    | Q16        | 25      | LOW       | Pass     |
| 5         | 18900      | 1880      | QPSK       | 25      | LOW       | Pass     |
| 5         | 18900      | 1880      | Q16        | 25      | LOW       | Pass     |
| 5         | 19175      | 1907.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 19175      | 1907.5    | Q16        | 25      | LOW       | Pass     |
| 10        | 18650      | 1855      | QPSK       | 50      | LOW       | Pass     |
| 10        | 18650      | 1855      | Q16        | 50      | LOW       | Pass     |
| 10        | 18900      | 1880      | QPSK       | 50      | LOW       | Pass     |
| 10        | 18900      | 1880      | Q16        | 50      | LOW       | Pass     |
| 10        | 19150      | 1905      | QPSK       | 50      | LOW       | Pass     |
| 10        | 19150      | 1905      | Q16        | 50      | LOW       | Pass     |
| 15        | 18675      | 1857.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 18675      | 1857.5    | Q16        | 75      | LOW       | Pass     |
| 15        | 18900      | 1880      | QPSK       | 75      | LOW       | Pass     |
| 15        | 18900      | 1880      | Q16        | 75      | LOW       | Pass     |
| 15        | 19125      | 1902.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 19125      | 1902.5    | Q16        | 75      | LOW       | Pass     |
| 20        | 18700      | 1860      | QPSK       | 100     | LOW       | Pass     |
| 20        | 18700      | 1860      | Q16        | 100     | LOW       | Pass     |
| 20        | 18900      | 1880      | QPSK       | 100     | LOW       | Pass     |
| 20        | 18900      | 1880      | Q16        | 100     | LOW       | Pass     |
| 20        | 19100      | 1900      | QPSK       | 100     | LOW       | Pass     |
| 20        | 19100      | 1900      | Q16        | 100     | LOW       | Pass     |

### Band 4:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 1.4       | 19957      | 1710.7    | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 19957      | 1710.7    | Q16        | 6       | LOW       | Pass     |
| 1.4       | 20393      | 1754.3    | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 20393      | 1754.3    | Q16        | 6       | LOW       | Pass     |
| 1.4       | 20175      | 1732.5    | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 20175      | 1732.5    | Q16        | 6       | LOW       | Pass     |
| 3         | 19965      | 1711.5    | QPSK       | 15      | LOW       | Pass     |
| 3         | 19965      | 1711.5    | Q16        | 15      | LOW       | Pass     |
| 3         | 20385      | 1753.5    | QPSK       | 15      | LOW       | Pass     |

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| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 3         | 20385      | 1753.5    | Q16        | 15      | LOW       | Pass     |
| 3         | 20175      | 1732.5    | QPSK       | 15      | LOW       | Pass     |
| 3         | 20175      | 1732.5    | Q16        | 15      | LOW       | Pass     |
| 5         | 19975      | 1712.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 19975      | 1712.5    | Q16        | 25      | LOW       | Pass     |
| 5         | 20375      | 1752.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 20375      | 1752.5    | Q16        | 25      | LOW       | Pass     |
| 5         | 20175      | 1732.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 20175      | 1732.5    | Q16        | 25      | LOW       | Pass     |
| 10        | 20000      | 1715      | QPSK       | 50      | LOW       | Pass     |
| 10        | 20000      | 1715      | Q16        | 50      | LOW       | Pass     |
| 10        | 20350      | 1750      | QPSK       | 50      | LOW       | Pass     |
| 10        | 20350      | 1750      | Q16        | 50      | LOW       | Pass     |
| 10        | 20175      | 1732.5    | QPSK       | 50      | LOW       | Pass     |
| 10        | 20175      | 1732.5    | Q16        | 50      | LOW       | Pass     |
| 15        | 20025      | 1717.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 20025      | 1717.5    | Q16        | 75      | LOW       | Pass     |
| 15        | 20325      | 1747.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 20325      | 1747.5    | Q16        | 75      | LOW       | Pass     |
| 15        | 20175      | 1732.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 20175      | 1732.5    | Q16        | 75      | LOW       | Pass     |
| 20        | 20050      | 1720      | QPSK       | 100     | LOW       | Pass     |
| 20        | 20050      | 1720      | Q16        | 100     | LOW       | Pass     |
| 20        | 20300      | 1745      | QPSK       | 100     | LOW       | Pass     |
| 20        | 20300      | 1745      | Q16        | 100     | LOW       | Pass     |
| 20        | 20175      | 1732.5    | QPSK       | 100     | LOW       | Pass     |
| 20        | 20175      | 1732.5    | Q16        | 100     | LOW       | Pass     |

### Band 5:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 1.4       | 20470      | 824.7     | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 20470      | 824.7     | Q16        | 6       | LOW       | Pass     |
| 1.4       | 20525      | 836.5     | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 20525      | 836.5     | Q16        | 6       | LOW       | Pass     |
| 1.4       | 20643      | 848.3     | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 20643      | 848.3     | Q16        | 6       | LOW       | Pass     |
| 3         | 20415      | 825.5     | QPSK       | 15      | LOW       | Pass     |
| 3         | 20415      | 825.5     | Q16        | 15      | LOW       | Pass     |
| 3         | 20525      | 836.5     | QPSK       | 15      | LOW       | Pass     |
| 3         | 20525      | 836.5     | Q16        | 15      | LOW       | Pass     |
| 3         | 20635      | 847.5     | QPSK       | 15      | LOW       | Pass     |
| 3         | 20635      | 847.5     | Q16        | 15      | LOW       | Pass     |
| 5         | 20425      | 826.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 20425      | 826.5     | Q16        | 25      | LOW       | Pass     |
| 5         | 20525      | 836.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 20525      | 836.5     | Q16        | 25      | LOW       | Pass     |
| 5         | 20625      | 846.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 20625      | 846.5     | Q16        | 25      | LOW       | Pass     |
| 10        | 20450      | 829       | QPSK       | 50      | LOW       | Pass     |
| 10        | 20450      | 829       | Q16        | 50      | LOW       | Pass     |
| 10        | 20525      | 836.5     | QPSK       | 50      | LOW       | Pass     |

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| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 10        | 20525      | 836.5     | Q16        | 50      | LOW       | Pass     |
| 10        | 20600      | 844       | QPSK       | 50      | LOW       | Pass     |
| 10        | 20600      | 844       | Q16        | 50      | LOW       | Pass     |

### Band 7:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 5         | 20775      | 2502.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 20775      | 2502.5    | Q16        | 25      | LOW       | Pass     |
| 5         | 21425      | 2567.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 21425      | 2567.5    | Q16        | 25      | LOW       | Pass     |
| 5         | 21100      | 2535      | QPSK       | 25      | LOW       | Pass     |
| 5         | 21100      | 2535      | QPSK       | 25      | LOW       | Pass     |
| 10        | 20800      | 2505      | QPSK       | 50      | LOW       | Pass     |
| 10        | 20800      | 2505      | Q16        | 50      | LOW       | Pass     |
| 10        | 21400      | 2565      | QPSK       | 50      | LOW       | Pass     |
| 10        | 21400      | 2565      | Q16        | 50      | LOW       | Pass     |
| 10        | 21100      | 2535      | QPSK       | 50      | LOW       | Pass     |
| 10        | 21100      | 2535      | Q16        | 50      | LOW       | Pass     |
| 15        | 20825      | 2507.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 20825      | 2507.5    | Q16        | 75      | LOW       | Pass     |
| 15        | 21375      | 2562.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 21375      | 2562.5    | Q16        | 75      | LOW       | Pass     |
| 15        | 21100      | 2535      | QPSK       | 75      | LOW       | Pass     |
| 15        | 21100      | 2535      | Q16        | 75      | LOW       | Pass     |
| 20        | 20850      | 2510      | QPSK       | 100     | LOW       | Pass     |
| 20        | 20850      | 2510      | Q16        | 100     | LOW       | Pass     |
| 20        | 21350      | 2560      | QPSK       | 100     | LOW       | Pass     |
| 20        | 21350      | 2560      | Q16        | 100     | LOW       | Pass     |
| 20        | 21100      | 2535      | QPSK       | 100     | LOW       | Pass     |
| 20        | 21100      | 2535      | Q16        | 100     | LOW       | Pass     |

### Band 12:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 1.4       | 23017      | 699.7     | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 23017      | 699.7     | Q16        | 6       | LOW       | Pass     |
| 1.4       | 23095      | 707.5     | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 23095      | 707.5     | Q16        | 6       | LOW       | Pass     |
| 1.4       | 23173      | 715.3     | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 23173      | 715.3     | Q16        | 6       | LOW       | Pass     |
| 3         | 23025      | 700.5     | QPSK       | 15      | LOW       | Pass     |
| 3         | 23025      | 700.5     | Q16        | 15      | LOW       | Pass     |
| 3         | 23095      | 707.5     | QPSK       | 15      | LOW       | Pass     |
| 3         | 23095      | 707.5     | Q16        | 15      | LOW       | Pass     |
| 3         | 23165      | 714.5     | QPSK       | 15      | LOW       | Pass     |
| 3         | 23165      | 714.5     | Q16        | 15      | LOW       | Pass     |
| 5         | 23035      | 701.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 23035      | 701.5     | Q16        | 25      | LOW       | Pass     |
| 5         | 23095      | 707.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 23095      | 707.5     | Q16        | 25      | LOW       | Pass     |

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| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 5         | 23155      | 713.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 23155      | 713.5     | Q16        | 25      | LOW       | Pass     |
| 10        | 23060      | 704       | QPSK       | 50      | LOW       | Pass     |
| 10        | 23060      | 704       | Q16        | 50      | LOW       | Pass     |
| 10        | 23095      | 707.5     | QPSK       | 50      | LOW       | Pass     |
| 10        | 23095      | 707.5     | Q16        | 50      | LOW       | Pass     |
| 10        | 23130      | 711       | QPSK       | 50      | LOW       | Pass     |
| 10        | 23130      | 711       | Q16        | 50      | LOW       | Pass     |

### Band 13:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 5         | 23205      | 779.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 23205      | 779.5     | Q16        | 25      | LOW       | Pass     |
| 5         | 23230      | 782       | QPSK       | 25      | LOW       | Pass     |
| 5         | 23230      | 782       | Q16        | 25      | LOW       | Pass     |
| 5         | 23255      | 784.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 23255      | 784.5     | Q16        | 25      | LOW       | Pass     |
| 10        | 23230      | 782       | QPSK       | 50      | LOW       | Pass     |
| 10        | 23230      | 782       | Q16        | 50      | LOW       | Pass     |

### Band 17:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 5         | 23755      | 706.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 23755      | 706.5     | Q16        | 25      | LOW       | Pass     |
| 5         | 23790      | 710       | QPSK       | 25      | LOW       | Pass     |
| 5         | 23790      | 710       | Q16        | 25      | LOW       | Pass     |
| 5         | 23825      | 713.5     | QPSK       | 25      | LOW       | Pass     |
| 5         | 23825      | 713.5     | Q16        | 25      | LOW       | Pass     |
| 10        | 23780      | 709       | QPSK       | 50      | LOW       | Pass     |
| 10        | 23780      | 709       | Q16        | 50      | LOW       | Pass     |
| 10        | 23790      | 710       | QPSK       | 50      | LOW       | Pass     |
| 10        | 23790      | 710       | Q16        | 50      | LOW       | Pass     |
| 10        | 23800      | 711       | QPSK       | 50      | LOW       | Pass     |
| 10        | 23800      | 711       | Q16        | 50      | LOW       | Pass     |

### Band 38:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 5         | 37775      | 2572.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 37775      | 2572.5    | Q16        | 25      | LOW       | Pass     |
| 5         | 38000      | 2595      | QPSK       | 25      | LOW       | Pass     |
| 5         | 38000      | 2595      | Q16        | 25      | LOW       | Pass     |
| 5         | 38225      | 2617.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 38225      | 2617.5    | Q16        | 25      | LOW       | Pass     |
| 10        | 37800      | 2575      | QPSK       | 50      | LOW       | Pass     |
| 10        | 37800      | 2575      | Q16        | 50      | LOW       | Pass     |
| 10        | 38000      | 2595      | QPSK       | 50      | LOW       | Pass     |
| 10        | 38000      | 2595      | Q16        | 50      | LOW       | Pass     |
| 10        | 38200      | 2615      | QPSK       | 50      | LOW       | Pass     |

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| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 10        | 38200      | 2615      | Q16        | 50      | LOW       | Pass     |
| 15        | 37825      | 2577.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 37825      | 2577.5    | Q16        | 75      | LOW       | Pass     |
| 15        | 38000      | 2595      | QPSK       | 75      | LOW       | Pass     |
| 15        | 38000      | 2595      | Q16        | 75      | LOW       | Pass     |
| 15        | 38175      | 2612.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 38175      | 2612.5    | Q16        | 75      | LOW       | Pass     |
| 20        | 37850      | 2580      | QPSK       | 100     | LOW       | Pass     |
| 20        | 37850      | 2580      | Q16        | 100     | LOW       | Pass     |
| 20        | 38000      | 2595      | QPSK       | 100     | LOW       | Pass     |
| 20        | 38000      | 2595      | Q16        | 100     | LOW       | Pass     |
| 20        | 38150      | 2610      | QPSK       | 100     | LOW       | Pass     |
| 20        | 38150      | 2610      | Q16        | 100     | LOW       | Pass     |

### Band 41:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 5         | 39675      | 2498.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 39675      | 2498.5    | Q16        | 25      | LOW       | Pass     |
| 5         | 40620      | 2593      | QPSK       | 25      | LOW       | Pass     |
| 5         | 40620      | 2593      | Q16        | 25      | LOW       | Pass     |
| 5         | 41565      | 2687.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 41565      | 2687.5    | Q16        | 25      | LOW       | Pass     |
| 10        | 39700      | 2501      | QPSK       | 50      | LOW       | Pass     |
| 10        | 39700      | 2501      | Q16        | 50      | LOW       | Pass     |
| 10        | 40620      | 2593      | QPSK       | 50      | LOW       | Pass     |
| 10        | 40620      | 2593      | Q16        | 50      | LOW       | Pass     |
| 10        | 41540      | 2685      | QPSK       | 50      | LOW       | Pass     |
| 10        | 41540      | 2685      | Q16        | 50      | LOW       | Pass     |
| 15        | 39725      | 2503.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 39725      | 2503.5    | Q16        | 75      | LOW       | Pass     |
| 15        | 40620      | 2593      | QPSK       | 75      | LOW       | Pass     |
| 15        | 40620      | 2593      | Q16        | 75      | LOW       | Pass     |
| 15        | 41515      | 2682.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 41515      | 2682.5    | Q16        | 75      | LOW       | Pass     |
| 20        | 39750      | 2506      | QPSK       | 100     | LOW       | Pass     |
| 20        | 39750      | 2506      | Q16        | 100     | LOW       | Pass     |
| 20        | 40620      | 2593      | QPSK       | 100     | LOW       | Pass     |
| 20        | 40620      | 2593      | Q16        | 100     | LOW       | Pass     |
| 20        | 41490      | 2680      | QPSK       | 100     | LOW       | Pass     |
| 20        | 41490      | 2680      | Q16        | 100     | LOW       | Pass     |

### Band 42(3450-3550Mhz):

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 5         | 42115      | 3452.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 42115      | 3452.5    | Q16        | 25      | LOW       | Pass     |
| 5         | 42590      | 3500      | QPSK       | 25      | LOW       | Pass     |
| 5         | 42590      | 3500      | Q16        | 25      | LOW       | Pass     |
| 5         | 43065      | 3547.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 43065      | 3547.5    | Q16        | 25      | LOW       | Pass     |

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| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 10        | 42140      | 3455      | QPSK       | 50      | LOW       | Pass     |
| 10        | 42140      | 3455      | Q16        | 50      | LOW       | Pass     |
| 10        | 42590      | 3500      | QPSK       | 50      | LOW       | Pass     |
| 10        | 42590      | 3500      | Q16        | 50      | LOW       | Pass     |
| 10        | 43040      | 3545      | QPSK       | 50      | LOW       | Pass     |
| 10        | 43040      | 3545      | Q16        | 50      | LOW       | Pass     |
| 15        | 42165      | 3457.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 42165      | 3457.5    | Q16        | 75      | LOW       | Pass     |
| 15        | 42590      | 3500      | QPSK       | 75      | LOW       | Pass     |
| 15        | 42590      | 3500      | Q16        | 75      | LOW       | Pass     |
| 15        | 43015      | 3542.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 43015      | 3542.5    | Q16        | 75      | LOW       | Pass     |
| 20        | 42190      | 3460      | QPSK       | 100     | LOW       | Pass     |
| 20        | 42190      | 3460      | Q16        | 100     | LOW       | Pass     |
| 20        | 42590      | 3500      | QPSK       | 100     | LOW       | Pass     |
| 20        | 42590      | 3500      | Q16        | 100     | LOW       | Pass     |
| 20        | 42990      | 3540      | QPSK       | 100     | LOW       | Pass     |
| 20        | 42990      | 3540      | Q16        | 100     | LOW       | Pass     |

### Band 66:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 1.4       | 131979     | 1710.7    | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 131979     | 1710.7    | Q16        | 6       | LOW       | Pass     |
| 1.4       | 132322     | 1745      | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 132322     | 1745      | Q16        | 6       | LOW       | Pass     |
| 1.4       | 132665     | 1779.3    | QPSK       | 6       | LOW       | Pass     |
| 1.4       | 132665     | 1779.3    | Q16        | 6       | LOW       | Pass     |
| 3         | 131987     | 1711.5    | QPSK       | 15      | LOW       | Pass     |
| 3         | 131987     | 1711.5    | Q16        | 15      | LOW       | Pass     |
| 3         | 132322     | 1745      | QPSK       | 15      | LOW       | Pass     |
| 3         | 132322     | 1745      | Q16        | 15      | LOW       | Pass     |
| 3         | 132657     | 1778.5    | QPSK       | 15      | LOW       | Pass     |
| 3         | 132657     | 1778.5    | Q16        | 15      | LOW       | Pass     |
| 5         | 131997     | 1712.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 131997     | 1712.5    | Q16        | 25      | LOW       | Pass     |
| 5         | 132322     | 1745      | QPSK       | 25      | LOW       | Pass     |
| 5         | 132322     | 1745      | Q16        | 25      | LOW       | Pass     |
| 5         | 132647     | 1777.5    | QPSK       | 25      | LOW       | Pass     |
| 5         | 132647     | 1777.5    | Q16        | 25      | LOW       | Pass     |
| 10        | 132022     | 1715      | QPSK       | 50      | LOW       | Pass     |
| 10        | 132022     | 1715      | Q16        | 50      | LOW       | Pass     |
| 10        | 132322     | 1745      | QPSK       | 50      | LOW       | Pass     |
| 10        | 132322     | 1745      | Q16        | 50      | LOW       | Pass     |
| 10        | 132622     | 1775      | QPSK       | 50      | LOW       | Pass     |
| 10        | 132622     | 1775      | Q16        | 50      | LOW       | Pass     |
| 15        | 132047     | 1717.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 132047     | 1717.5    | Q16        | 75      | LOW       | Pass     |
| 15        | 132322     | 1745      | QPSK       | 75      | LOW       | Pass     |
| 15        | 132322     | 1745      | Q16        | 75      | LOW       | Pass     |
| 15        | 132597     | 1772.5    | QPSK       | 75      | LOW       | Pass     |

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| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 15        | 132597     | 1772.5    | Q16        | 75      | LOW       | Pass     |
| 20        | 132072     | 1720      | QPSK       | 100     | LOW       | Pass     |
| 20        | 132072     | 1720      | Q16        | 100     | LOW       | Pass     |
| 20        | 132322     | 1745      | QPSK       | 100     | LOW       | Pass     |
| 20        | 132322     | 1745      | Q16        | 100     | LOW       | Pass     |
| 20        | 132572     | 1770      | QPSK       | 100     | LOW       | Pass     |
| 20        | 132572     | 1770      | Q16        | 100     | LOW       | Pass     |

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NR n5

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 10        | 165800     | 829       | BPSK       | 50      | LOW       | Pass     |
| 10        | 165800     | 829       | QPSK       | 50      | LOW       | Pass     |
| 10        | 165800     | 829       | 16QAM      | 50      | LOW       | Pass     |
| 10        | 165800     | 829       | 64QAM      | 50      | LOW       | Pass     |
| 10        | 165800     | 829       | 256QAM     | 50      | LOW       | Pass     |
| 10        | 167300     | 836.5     | BPSK       | 50      | LOW       | Pass     |
| 10        | 167300     | 836.5     | QPSK       | 50      | LOW       | Pass     |
| 10        | 167300     | 836.5     | 16QAM      | 50      | LOW       | Pass     |
| 10        | 167300     | 836.5     | 64QAM      | 50      | LOW       | Pass     |
| 10        | 167300     | 836.5     | 256QAM     | 50      | LOW       | Pass     |
| 10        | 168800     | 844       | BPSK       | 50      | LOW       | Pass     |
| 10        | 168800     | 844       | QPSK       | 50      | LOW       | Pass     |
| 10        | 168800     | 844       | 16QAM      | 50      | LOW       | Pass     |
| 10        | 168800     | 844       | 64QAM      | 50      | LOW       | Pass     |
| 10        | 168800     | 844       | 256QAM     | 50      | LOW       | Pass     |
| 15        | 166300     | 831.5     | BPSK       | 75      | LOW       | Pass     |
| 15        | 166300     | 831.5     | QPSK       | 75      | LOW       | Pass     |
| 15        | 166300     | 831.5     | 16QAM      | 75      | LOW       | Pass     |
| 15        | 166300     | 831.5     | 64QAM      | 75      | LOW       | Pass     |
| 15        | 166300     | 831.5     | 256QAM     | 75      | LOW       | Pass     |
| 15        | 167300     | 836.5     | BPSK       | 75      | LOW       | Pass     |
| 15        | 167300     | 836.5     | QPSK       | 75      | LOW       | Pass     |
| 15        | 167300     | 836.5     | 16QAM      | 75      | LOW       | Pass     |
| 15        | 167300     | 836.5     | 64QAM      | 75      | LOW       | Pass     |
| 15        | 167300     | 836.5     | 256QAM     | 75      | LOW       | Pass     |
| 15        | 168300     | 841.5     | BPSK       | 75      | LOW       | Pass     |
| 15        | 168300     | 841.5     | QPSK       | 75      | LOW       | Pass     |
| 15        | 168300     | 841.5     | 16QAM      | 75      | LOW       | Pass     |
| 15        | 168300     | 841.5     | 64QAM      | 75      | LOW       | Pass     |
| 15        | 168300     | 841.5     | 256QAM     | 75      | LOW       | Pass     |
| 20        | 166800     | 834       | BPSK       | 100     | LOW       | Pass     |
| 20        | 166800     | 834       | QPSK       | 100     | LOW       | Pass     |
| 20        | 166800     | 834       | 16QAM      | 100     | LOW       | Pass     |
| 20        | 166800     | 834       | 64QAM      | 100     | LOW       | Pass     |
| 20        | 166800     | 834       | 256QAM     | 100     | LOW       | Pass     |
| 20        | 167300     | 836.5     | BPSK       | 100     | LOW       | Pass     |
| 20        | 167300     | 836.5     | QPSK       | 100     | LOW       | Pass     |
| 20        | 167300     | 836.5     | 16QAM      | 100     | LOW       | Pass     |
| 20        | 167300     | 836.5     | 64QAM      | 100     | LOW       | Pass     |
| 20        | 167300     | 836.5     | 256QAM     | 100     | LOW       | Pass     |
| 20        | 167800     | 839       | BPSK       | 100     | LOW       | Pass     |
| 20        | 167800     | 839       | QPSK       | 100     | LOW       | Pass     |
| 20        | 167800     | 839       | 16QAM      | 100     | LOW       | Pass     |
| 20        | 167800     | 839       | 64QAM      | 100     | LOW       | Pass     |
| 20        | 167800     | 839       | 256QAM     | 100     | LOW       | Pass     |

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NR n7

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 10        | 501000     | 2505      | BPSK       | 50      | LOW       | Pass     |
| 10        | 501000     | 2505      | QPSK       | 50      | LOW       | Pass     |
| 10        | 501000     | 2505      | 16QAM      | 50      | LOW       | Pass     |
| 10        | 501000     | 2505      | 64QAM      | 50      | LOW       | Pass     |
| 10        | 501000     | 2505      | 256QAM     | 50      | LOW       | Pass     |
| 10        | 507000     | 2535      | BPSK       | 50      | LOW       | Pass     |
| 10        | 507000     | 2535      | QPSK       | 50      | LOW       | Pass     |
| 10        | 507000     | 2535      | 16QAM      | 50      | LOW       | Pass     |
| 10        | 507000     | 2535      | 64QAM      | 50      | LOW       | Pass     |
| 10        | 507000     | 2535      | 256QAM     | 50      | LOW       | Pass     |
| 10        | 513000     | 2565      | BPSK       | 50      | LOW       | Pass     |
| 10        | 513000     | 2565      | QPSK       | 50      | LOW       | Pass     |
| 10        | 513000     | 2565      | 16QAM      | 50      | LOW       | Pass     |
| 10        | 513000     | 2565      | 64QAM      | 50      | LOW       | Pass     |
| 10        | 513000     | 2565      | 256QAM     | 50      | LOW       | Pass     |
| 15        | 501500     | 2507.5    | BPSK       | 75      | LOW       | Pass     |
| 15        | 501500     | 2507.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 501500     | 2507.5    | 16QAM      | 75      | LOW       | Pass     |
| 15        | 501500     | 2507.5    | 64QAM      | 75      | LOW       | Pass     |
| 15        | 501500     | 2507.5    | 256QAM     | 75      | LOW       | Pass     |
| 15        | 507000     | 2535      | BPSK       | 75      | LOW       | Pass     |
| 15        | 507000     | 2535      | QPSK       | 75      | LOW       | Pass     |
| 15        | 507000     | 2535      | 16QAM      | 75      | LOW       | Pass     |
| 15        | 507000     | 2535      | 64QAM      | 75      | LOW       | Pass     |
| 15        | 507000     | 2535      | 256QAM     | 75      | LOW       | Pass     |
| 15        | 512500     | 2562.5    | BPSK       | 75      | LOW       | Pass     |
| 15        | 512500     | 2562.5    | QPSK       | 75      | LOW       | Pass     |
| 15        | 512500     | 2562.5    | 16QAM      | 75      | LOW       | Pass     |
| 15        | 512500     | 2562.5    | 64QAM      | 75      | LOW       | Pass     |
| 15        | 512500     | 2562.5    | 256QAM     | 75      | LOW       | Pass     |
| 20        | 502000     | 2510      | BPSK       | 100     | LOW       | Pass     |
| 20        | 502000     | 2510      | QPSK       | 100     | LOW       | Pass     |
| 20        | 502000     | 2510      | 16QAM      | 100     | LOW       | Pass     |
| 20        | 502000     | 2510      | 64QAM      | 100     | LOW       | Pass     |
| 20        | 502000     | 2510      | 256QAM     | 100     | LOW       | Pass     |
| 20        | 507000     | 2535      | BPSK       | 100     | LOW       | Pass     |
| 20        | 507000     | 2535      | QPSK       | 100     | LOW       | Pass     |
| 20        | 507000     | 2535      | 16QAM      | 100     | LOW       | Pass     |
| 20        | 507000     | 2535      | 64QAM      | 100     | LOW       | Pass     |
| 20        | 507000     | 2535      | 256QAM     | 100     | LOW       | Pass     |
| 20        | 512000     | 2560      | BPSK       | 100     | LOW       | Pass     |
| 20        | 512000     | 2560      | QPSK       | 100     | LOW       | Pass     |
| 20        | 512000     | 2560      | 16QAM      | 100     | LOW       | Pass     |
| 20        | 512000     | 2560      | 64QAM      | 100     | LOW       | Pass     |
| 20        | 512000     | 2560      | 256QAM     | 100     | LOW       | Pass     |

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NR n12

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 10        | 140800     | 704       | BPSK       | 50      | LOW       | Pass     |
| 10        | 140800     | 704       | QPSK       | 50      | LOW       | Pass     |
| 10        | 140800     | 704       | 16QAM      | 50      | LOW       | Pass     |
| 10        | 140800     | 704       | 64QAM      | 50      | LOW       | Pass     |
| 10        | 140800     | 704       | 256QAM     | 50      | LOW       | Pass     |
| 10        | 141500     | 707.5     | BPSK       | 50      | LOW       | Pass     |
| 10        | 141500     | 707.5     | QPSK       | 50      | LOW       | Pass     |
| 10        | 141500     | 707.5     | 16QAM      | 50      | LOW       | Pass     |
| 10        | 141500     | 707.5     | 64QAM      | 50      | LOW       | Pass     |
| 10        | 141500     | 707.5     | 256QAM     | 50      | LOW       | Pass     |
| 10        | 142200     | 711       | BPSK       | 50      | LOW       | Pass     |
| 10        | 142200     | 711       | QPSK       | 50      | LOW       | Pass     |
| 10        | 142200     | 711       | 16QAM      | 50      | LOW       | Pass     |
| 10        | 142200     | 711       | 64QAM      | 50      | LOW       | Pass     |
| 10        | 142200     | 711       | 256QAM     | 50      | LOW       | Pass     |
| 15        | 141300     | 706.5     | BPSK       | 75      | LOW       | Pass     |
| 15        | 141300     | 706.5     | QPSK       | 75      | LOW       | Pass     |
| 15        | 141300     | 706.5     | 16QAM      | 75      | LOW       | Pass     |
| 15        | 141300     | 706.5     | 64QAM      | 75      | LOW       | Pass     |
| 15        | 141300     | 706.5     | 256QAM     | 75      | LOW       | Pass     |
| 15        | 141500     | 707.5     | BPSK       | 75      | LOW       | Pass     |
| 15        | 141500     | 707.5     | QPSK       | 75      | LOW       | Pass     |
| 15        | 141500     | 707.5     | 16QAM      | 75      | LOW       | Pass     |
| 15        | 141500     | 707.5     | 64QAM      | 75      | LOW       | Pass     |
| 15        | 141500     | 707.5     | 256QAM     | 75      | LOW       | Pass     |
| 15        | 141700     | 708.5     | BPSK       | 75      | LOW       | Pass     |
| 15        | 141700     | 708.5     | QPSK       | 75      | LOW       | Pass     |
| 15        | 141700     | 708.5     | 16QAM      | 75      | LOW       | Pass     |
| 15        | 141700     | 708.5     | 64QAM      | 75      | LOW       | Pass     |
| 15        | 141700     | 708.5     | 256QAM     | 75      | LOW       | Pass     |

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NR n38:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 10        | 515000     | 2575      | BPSK       | 50      | LOW       | Pass     |
| 10        | 515000     | 2575      | QPSK       | 50      | LOW       | Pass     |
| 10        | 515000     | 2575      | 16QAM      | 50      | LOW       | Pass     |
| 10        | 515000     | 2575      | 64QAM      | 50      | LOW       | Pass     |
| 10        | 515000     | 2575      | 256QAM     | 50      | LOW       | Pass     |
| 10        | 519000     | 2595      | BPSK       | 50      | LOW       | Pass     |
| 10        | 519000     | 2595      | QPSK       | 50      | LOW       | Pass     |
| 10        | 519000     | 2595      | 16QAM      | 50      | LOW       | Pass     |
| 10        | 519000     | 2595      | 64QAM      | 50      | LOW       | Pass     |
| 10        | 519000     | 2595      | 256QAM     | 50      | LOW       | Pass     |
| 10        | 523000     | 2615      | BPSK       | 50      | LOW       | Pass     |
| 10        | 523000     | 2615      | QPSK       | 50      | LOW       | Pass     |
| 10        | 523000     | 2615      | 16QAM      | 50      | LOW       | Pass     |
| 10        | 523000     | 2615      | 64QAM      | 50      | LOW       | Pass     |
| 10        | 523000     | 2615      | 256QAM     | 50      | LOW       | Pass     |
| 20        | 522500     | 2580      | BPSK       | 100     | LOW       | Pass     |
| 20        | 522500     | 2580      | QPSK       | 100     | LOW       | Pass     |
| 20        | 522500     | 2580      | 16QAM      | 100     | LOW       | Pass     |
| 20        | 522500     | 2580      | 64QAM      | 100     | LOW       | Pass     |
| 20        | 522500     | 2580      | 256QAM     | 100     | LOW       | Pass     |
| 20        | 519000     | 2595      | BPSK       | 100     | LOW       | Pass     |
| 20        | 519000     | 2595      | QPSK       | 100     | LOW       | Pass     |
| 20        | 519000     | 2595      | 16QAM      | 100     | LOW       | Pass     |
| 20        | 519000     | 2595      | 64QAM      | 100     | LOW       | Pass     |
| 20        | 519000     | 2595      | 256QAM     | 100     | LOW       | Pass     |
| 20        | 522000     | 2610      | BPSK       | 100     | LOW       | Pass     |
| 20        | 522000     | 2610      | QPSK       | 100     | LOW       | Pass     |
| 20        | 522000     | 2610      | 16QAM      | 100     | LOW       | Pass     |
| 20        | 522000     | 2610      | 64QAM      | 100     | LOW       | Pass     |
| 20        | 522000     | 2610      | 256QAM     | 100     | LOW       | Pass     |

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NR n41:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 20        | 501204     | 2506      | BPSK       | 50      | LOW       | Pass     |
| 20        | 501204     | 2506      | QPSK       | 50      | LOW       | Pass     |
| 20        | 501204     | 2506      | 16QAM      | 50      | LOW       | Pass     |
| 20        | 501204     | 2506      | 64QAM      | 50      | LOW       | Pass     |
| 20        | 501204     | 2506      | 256QAM     | 50      | LOW       | Pass     |
| 20        | 518598     | 2593      | BPSK       | 50      | LOW       | Pass     |
| 20        | 518598     | 2593      | QPSK       | 50      | LOW       | Pass     |
| 20        | 518598     | 2593      | 16QAM      | 50      | LOW       | Pass     |
| 20        | 518598     | 2593      | 64QAM      | 50      | LOW       | Pass     |
| 20        | 518598     | 2593      | 256QAM     | 50      | LOW       | Pass     |
| 20        | 535998     | 2680      | BPSK       | 50      | LOW       | Pass     |
| 20        | 535998     | 2680      | QPSK       | 50      | LOW       | Pass     |
| 20        | 535998     | 2680      | 16QAM      | 50      | LOW       | Pass     |
| 20        | 535998     | 2680      | 64QAM      | 50      | LOW       | Pass     |
| 20        | 535998     | 2680      | 256QAM     | 50      | LOW       | Pass     |
| 50        | 504204     | 2521      | BPSK       | 75      | LOW       | Pass     |
| 50        | 504204     | 2521      | QPSK       | 75      | LOW       | Pass     |
| 50        | 504204     | 2521      | 16QAM      | 75      | LOW       | Pass     |
| 50        | 504204     | 2521      | 64QAM      | 75      | LOW       | Pass     |
| 50        | 504204     | 2521      | 256QAM     | 75      | LOW       | Pass     |
| 50        | 518598     | 2593      | BPSK       | 75      | LOW       | Pass     |
| 50        | 518598     | 2593      | QPSK       | 75      | LOW       | Pass     |
| 50        | 518598     | 2593      | 16QAM      | 75      | LOW       | Pass     |
| 50        | 518598     | 2593      | 64QAM      | 75      | LOW       | Pass     |
| 50        | 518598     | 2593      | 256QAM     | 75      | LOW       | Pass     |
| 50        | 532998     | 2665      | BPSK       | 75      | LOW       | Pass     |
| 50        | 532998     | 2665      | QPSK       | 75      | LOW       | Pass     |
| 50        | 532998     | 2665      | 16QAM      | 75      | LOW       | Pass     |
| 50        | 532998     | 2665      | 64QAM      | 75      | LOW       | Pass     |
| 50        | 532998     | 2665      | 256QAM     | 75      | LOW       | Pass     |
| 100       | 509202     | 2546      | BPSK       | 100     | LOW       | Pass     |
| 100       | 509202     | 2546      | QPSK       | 100     | LOW       | Pass     |
| 100       | 509202     | 2546      | 16QAM      | 100     | LOW       | Pass     |
| 100       | 509202     | 2546      | 64QAM      | 100     | LOW       | Pass     |
| 100       | 509202     | 2546      | 256QAM     | 100     | LOW       | Pass     |
| 100       | 518598     | 2593      | BPSK       | 100     | LOW       | Pass     |
| 100       | 518598     | 2593      | QPSK       | 100     | LOW       | Pass     |
| 100       | 518598     | 2593      | 16QAM      | 100     | LOW       | Pass     |
| 100       | 518598     | 2593      | 64QAM      | 100     | LOW       | Pass     |
| 100       | 518598     | 2593      | 256QAM     | 100     | LOW       | Pass     |
| 100       | 528000     | 2640      | BPSK       | 100     | LOW       | Pass     |
| 100       | 528000     | 2640      | QPSK       | 100     | LOW       | Pass     |
| 100       | 528000     | 2640      | 16QAM      | 100     | LOW       | Pass     |
| 100       | 528000     | 2640      | 64QAM      | 100     | LOW       | Pass     |
| 100       | 528000     | 2640      | 256QAM     | 100     | LOW       | Pass     |

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NR n66:

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 10        | 343000     | 1715      | BPSK       | 50      | LOW       | Pass     |
| 10        | 343000     | 1715      | QPSK       | 50      | LOW       | Pass     |
| 10        | 343000     | 1715      | 16QAM      | 50      | LOW       | Pass     |
| 10        | 343000     | 1715      | 64QAM      | 50      | LOW       | Pass     |
| 10        | 343000     | 1715      | 256QAM     | 50      | LOW       | Pass     |
| 10        | 349000     | 1745      | BPSK       | 50      | LOW       | Pass     |
| 10        | 349000     | 1745      | QPSK       | 50      | LOW       | Pass     |
| 10        | 349000     | 1745      | 16QAM      | 50      | LOW       | Pass     |
| 10        | 349000     | 1745      | 64QAM      | 50      | LOW       | Pass     |
| 10        | 349000     | 1745      | 256QAM     | 50      | LOW       | Pass     |
| 10        | 355000     | 1775      | BPSK       | 50      | LOW       | Pass     |
| 10        | 355000     | 1775      | QPSK       | 50      | LOW       | Pass     |
| 10        | 355000     | 1775      | 16QAM      | 50      | LOW       | Pass     |
| 10        | 355000     | 1775      | 64QAM      | 50      | LOW       | Pass     |
| 10        | 355000     | 1775      | 256QAM     | 50      | LOW       | Pass     |
| 20        | 344000     | 1720      | BPSK       | 75      | LOW       | Pass     |
| 20        | 344000     | 1720      | QPSK       | 75      | LOW       | Pass     |
| 20        | 344000     | 1720      | 16QAM      | 75      | LOW       | Pass     |
| 20        | 344000     | 1720      | 64QAM      | 75      | LOW       | Pass     |
| 20        | 344000     | 1720      | 256QAM     | 75      | LOW       | Pass     |
| 20        | 349000     | 1745      | BPSK       | 75      | LOW       | Pass     |
| 20        | 349000     | 1745      | QPSK       | 75      | LOW       | Pass     |
| 20        | 349000     | 1745      | 16QAM      | 75      | LOW       | Pass     |
| 20        | 349000     | 1745      | 64QAM      | 75      | LOW       | Pass     |
| 20        | 349000     | 1745      | 256QAM     | 75      | LOW       | Pass     |
| 20        | 354000     | 1770      | BPSK       | 75      | LOW       | Pass     |
| 20        | 354000     | 1770      | QPSK       | 75      | LOW       | Pass     |
| 20        | 354000     | 1770      | 16QAM      | 75      | LOW       | Pass     |
| 20        | 354000     | 1770      | 64QAM      | 75      | LOW       | Pass     |
| 20        | 354000     | 1770      | 256QAM     | 75      | LOW       | Pass     |
| 40        | 346000     | 1730      | BPSK       | 100     | LOW       | Pass     |
| 40        | 346000     | 1730      | QPSK       | 100     | LOW       | Pass     |
| 40        | 346000     | 1730      | 16QAM      | 100     | LOW       | Pass     |
| 40        | 346000     | 1730      | 64QAM      | 100     | LOW       | Pass     |
| 40        | 346000     | 1730      | 256QAM     | 100     | LOW       | Pass     |
| 40        | 349000     | 1745      | BPSK       | 100     | LOW       | Pass     |
| 40        | 349000     | 1745      | QPSK       | 100     | LOW       | Pass     |
| 40        | 349000     | 1745      | 16QAM      | 100     | LOW       | Pass     |
| 40        | 349000     | 1745      | 64QAM      | 100     | LOW       | Pass     |
| 40        | 349000     | 1760      | 256QAM     | 100     | LOW       | Pass     |
| 40        | 349000     | 1760      | BPSK       | 100     | LOW       | Pass     |
| 40        | 349000     | 1760      | QPSK       | 100     | LOW       | Pass     |
| 40        | 349000     | 1760      | 16QAM      | 100     | LOW       | Pass     |
| 40        | 349000     | 1760      | 64QAM      | 100     | LOW       | Pass     |
| 40        | 349000     | 1760      | 256QAM     | 100     | LOW       | Pass     |

### NR n77(3450-3550Mhz):

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 10        | 630334     | 3455      | BPSK       | 50      | LOW       | Pass     |
| 10        | 630334     | 3455      | QPSK       | 50      | LOW       | Pass     |
| 10        | 630334     | 3455      | 16QAM      | 50      | LOW       | Pass     |
| 10        | 630334     | 3455      | 64QAM      | 50      | LOW       | Pass     |
| 10        | 630334     | 3455      | 256QAM     | 50      | LOW       | Pass     |
| 10        | 633334     | 3500      | BPSK       | 50      | LOW       | Pass     |
| 10        | 633334     | 3500      | QPSK       | 50      | LOW       | Pass     |
| 10        | 633334     | 3500      | 16QAM      | 50      | LOW       | Pass     |
| 10        | 633334     | 3500      | 64QAM      | 50      | LOW       | Pass     |
| 10        | 633334     | 3500      | 256QAM     | 50      | LOW       | Pass     |
| 10        | 636332     | 3545      | BPSK       | 50      | LOW       | Pass     |
| 10        | 636332     | 3545      | QPSK       | 50      | LOW       | Pass     |
| 10        | 636332     | 3545      | 16QAM      | 50      | LOW       | Pass     |
| 10        | 636332     | 3545      | 64QAM      | 50      | LOW       | Pass     |
| 10        | 636332     | 3545      | 256QAM     | 50      | LOW       | Pass     |
| 50        | 631668     | 3475      | BPSK       | 75      | LOW       | Pass     |
| 50        | 631668     | 3475      | QPSK       | 75      | LOW       | Pass     |
| 50        | 631668     | 3475      | 16QAM      | 75      | LOW       | Pass     |
| 50        | 631668     | 3475      | 64QAM      | 75      | LOW       | Pass     |
| 50        | 631668     | 3475      | 256QAM     | 75      | LOW       | Pass     |
| 50        | 633334     | 3500      | BPSK       | 75      | LOW       | Pass     |
| 50        | 633334     | 3500      | QPSK       | 75      | LOW       | Pass     |
| 50        | 633334     | 3500      | 16QAM      | 75      | LOW       | Pass     |
| 50        | 633334     | 3500      | 64QAM      | 75      | LOW       | Pass     |
| 50        | 633334     | 3500      | 256QAM     | 75      | LOW       | Pass     |
| 50        | 635000     | 3525      | BPSK       | 75      | LOW       | Pass     |
| 50        | 635000     | 3525      | QPSK       | 75      | LOW       | Pass     |
| 50        | 635000     | 3525      | 16QAM      | 75      | LOW       | Pass     |
| 50        | 635000     | 3525      | 64QAM      | 75      | LOW       | Pass     |
| 50        | 635000     | 3525      | 256QAM     | 75      | LOW       | Pass     |
| 100       | 633334     | 3500      | BPSK       | 100     | LOW       | Pass     |
| 100       | 633334     | 3500      | QPSK       | 100     | LOW       | Pass     |
| 100       | 633334     | 3500      | 16QAM      | 100     | LOW       | Pass     |
| 100       | 633334     | 3500      | 64QAM      | 100     | LOW       | Pass     |
| 100       | 633334     | 3500      | 256QAM     | 100     | LOW       | Pass     |

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NR n77(3700-3980Mhz):

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 10        | 647000     | 3705      | BPSK       | 50      | LOW       | Pass     |
| 10        | 647000     | 3705      | QPSK       | 50      | LOW       | Pass     |
| 10        | 647000     | 3705      | 16QAM      | 50      | LOW       | Pass     |
| 10        | 647000     | 3705      | 64QAM      | 50      | LOW       | Pass     |
| 10        | 647000     | 3705      | 256QAM     | 50      | LOW       | Pass     |
| 10        | 650000     | 3750      | BPSK       | 50      | LOW       | Pass     |
| 10        | 656000     | 3890      | QPSK       | 50      | LOW       | Pass     |
| 10        | 650000     | 3750      | 16QAM      | 50      | LOW       | Pass     |
| 10        | 650000     | 3750      | 64QAM      | 50      | LOW       | Pass     |
| 10        | 656000     | 3890      | 256QAM     | 50      | LOW       | Pass     |
| 10        | 665000     | 3975      | BPSK       | 50      | LOW       | Pass     |
| 10        | 665000     | 3975      | QPSK       | 50      | LOW       | Pass     |
| 10        | 665000     | 3975      | 16QAM      | 50      | LOW       | Pass     |
| 10        | 665000     | 3975      | 64QAM      | 50      | LOW       | Pass     |
| 10        | 665000     | 3975      | 256QAM     | 50      | LOW       | Pass     |
| 50        | 648334     | 3725      | BPSK       | 75      | LOW       | Pass     |
| 50        | 648334     | 3725      | QPSK       | 75      | LOW       | Pass     |
| 50        | 648334     | 3725      | 16QAM      | 75      | LOW       | Pass     |
| 50        | 648334     | 3725      | 64QAM      | 75      | LOW       | Pass     |
| 50        | 648334     | 3725      | 256QAM     | 75      | LOW       | Pass     |
| 50        | 656000     | 3890      | BPSK       | 75      | LOW       | Pass     |
| 50        | 656000     | 3890      | QPSK       | 75      | LOW       | Pass     |
| 50        | 656000     | 3890      | 16QAM      | 75      | LOW       | Pass     |
| 50        | 656000     | 3890      | 64QAM      | 75      | LOW       | Pass     |
| 50        | 656000     | 3890      | 256QAM     | 75      | LOW       | Pass     |
| 50        | 663666     | 3955      | BPSK       | 75      | LOW       | Pass     |
| 50        | 663666     | 3955      | QPSK       | 75      | LOW       | Pass     |
| 50        | 663666     | 3955      | 16QAM      | 75      | LOW       | Pass     |
| 50        | 663666     | 3955      | 64QAM      | 75      | LOW       | Pass     |
| 50        | 663666     | 3955      | 256QAM     | 75      | LOW       | Pass     |
| 100       | 650000     | 3750      | BPSK       | 100     | LOW       | Pass     |
| 100       | 650000     | 3750      | QPSK       | 100     | LOW       | Pass     |
| 100       | 650000     | 3750      | 16QAM      | 100     | LOW       | Pass     |
| 100       | 650000     | 3750      | 64QAM      | 100     | LOW       | Pass     |
| 100       | 650000     | 3750      | 256QAM     | 100     | LOW       | Pass     |
| 100       | 656000     | 3890      | BPSK       | 100     | LOW       | Pass     |
| 100       | 656000     | 3890      | QPSK       | 100     | LOW       | Pass     |
| 100       | 656000     | 3890      | 16QAM      | 100     | LOW       | Pass     |
| 100       | 656000     | 3890      | 64QAM      | 100     | LOW       | Pass     |
| 100       | 656000     | 3890      | 256QAM     | 100     | LOW       | Pass     |
| 100       | 662000     | 3930      | BPSK       | 100     | LOW       | Pass     |
| 100       | 662000     | 3930      | QPSK       | 100     | LOW       | Pass     |
| 100       | 662000     | 3930      | 16QAM      | 100     | LOW       | Pass     |
| 100       | 662000     | 3930      | 64QAM      | 100     | LOW       | Pass     |
| 100       | 662000     | 3930      | 256QAM     | 100     | LOW       | Pass     |

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NR n78(3450-3550Mhz):

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 10        | 630334     | 3455      | BPSK       | 50      | LOW       | Pass     |
| 10        | 630334     | 3455      | QPSK       | 50      | LOW       | Pass     |
| 10        | 630334     | 3455      | 16QAM      | 50      | LOW       | Pass     |
| 10        | 630334     | 3455      | 64QAM      | 50      | LOW       | Pass     |
| 10        | 630334     | 3455      | 256QAM     | 50      | LOW       | Pass     |
| 10        | 633334     | 3500      | BPSK       | 50      | LOW       | Pass     |
| 10        | 633334     | 3500      | QPSK       | 50      | LOW       | Pass     |
| 10        | 633334     | 3500      | 16QAM      | 50      | LOW       | Pass     |
| 10        | 633334     | 3500      | 64QAM      | 50      | LOW       | Pass     |
| 10        | 633334     | 3500      | 256QAM     | 50      | LOW       | Pass     |
| 10        | 636332     | 3545      | BPSK       | 50      | LOW       | Pass     |
| 10        | 636332     | 3545      | QPSK       | 50      | LOW       | Pass     |
| 10        | 636332     | 3545      | 16QAM      | 50      | LOW       | Pass     |
| 10        | 636332     | 3545      | 64QAM      | 50      | LOW       | Pass     |
| 10        | 636332     | 3545      | 256QAM     | 50      | LOW       | Pass     |
| 50        | 631668     | 3475      | BPSK       | 75      | LOW       | Pass     |
| 50        | 631668     | 3475      | QPSK       | 75      | LOW       | Pass     |
| 50        | 631668     | 3475      | 16QAM      | 75      | LOW       | Pass     |
| 50        | 631668     | 3475      | 64QAM      | 75      | LOW       | Pass     |
| 50        | 631668     | 3475      | 256QAM     | 75      | LOW       | Pass     |
| 50        | 633334     | 3500      | BPSK       | 75      | LOW       | Pass     |
| 50        | 633334     | 3500      | QPSK       | 75      | LOW       | Pass     |
| 50        | 633334     | 3500      | 16QAM      | 75      | LOW       | Pass     |
| 50        | 633334     | 3500      | 64QAM      | 75      | LOW       | Pass     |
| 50        | 633334     | 3500      | 256QAM     | 75      | LOW       | Pass     |
| 50        | 635000     | 3525      | BPSK       | 75      | LOW       | Pass     |
| 50        | 635000     | 3525      | QPSK       | 75      | LOW       | Pass     |
| 50        | 635000     | 3525      | 16QAM      | 75      | LOW       | Pass     |
| 50        | 635000     | 3525      | 64QAM      | 75      | LOW       | Pass     |
| 50        | 635000     | 3525      | 256QAM     | 75      | LOW       | Pass     |
| 100       | 633334     | 3500      | BPSK       | 100     | LOW       | Pass     |
| 100       | 633334     | 3500      | QPSK       | 100     | LOW       | Pass     |
| 100       | 633334     | 3500      | 16QAM      | 100     | LOW       | Pass     |
| 100       | 633334     | 3500      | 64QAM      | 100     | LOW       | Pass     |
| 100       | 633334     | 3500      | 256QAM     | 100     | LOW       | Pass     |

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NR n78(3700-3800Mhz):

| Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|-----------|------------|-----------|------------|---------|-----------|----------|
| 10        | 647000     | 3705      | BPSK       | 50      | LOW       | Pass     |
| 10        | 647000     | 3705      | QPSK       | 50      | LOW       | Pass     |
| 10        | 647000     | 3705      | 16QAM      | 50      | LOW       | Pass     |
| 10        | 647000     | 3705      | 64QAM      | 50      | LOW       | Pass     |
| 10        | 647000     | 3705      | 256QAM     | 50      | LOW       | Pass     |
| 10        | 650000     | 3750      | BPSK       | 50      | LOW       | Pass     |
| 10        | 650000     | 3750      | QPSK       | 50      | LOW       | Pass     |
| 10        | 650000     | 3750      | 16QAM      | 50      | LOW       | Pass     |
| 10        | 650000     | 3750      | 64QAM      | 50      | LOW       | Pass     |
| 10        | 650000     | 3750      | 256QAM     | 50      | LOW       | Pass     |
| 10        | 653000     | 3775      | BPSK       | 50      | LOW       | Pass     |
| 10        | 653000     | 3775      | QPSK       | 50      | LOW       | Pass     |
| 10        | 653000     | 3775      | 16QAM      | 50      | LOW       | Pass     |
| 10        | 653000     | 3775      | 64QAM      | 50      | LOW       | Pass     |
| 10        | 653000     | 3775      | 256QAM     | 50      | LOW       | Pass     |
| 50        | 648334     | 3725      | BPSK       | 75      | LOW       | Pass     |
| 50        | 648334     | 3725      | QPSK       | 75      | LOW       | Pass     |
| 50        | 648334     | 3725      | 16QAM      | 75      | LOW       | Pass     |
| 50        | 648334     | 3725      | 64QAM      | 75      | LOW       | Pass     |
| 50        | 648334     | 3725      | 256QAM     | 75      | LOW       | Pass     |
| 50        | 650000     | 3750      | BPSK       | 75      | LOW       | Pass     |
| 50        | 650000     | 3750      | QPSK       | 75      | LOW       | Pass     |
| 50        | 650000     | 3750      | 16QAM      | 75      | LOW       | Pass     |
| 50        | 650000     | 3750      | 64QAM      | 75      | LOW       | Pass     |
| 50        | 650000     | 3750      | 256QAM     | 75      | LOW       | Pass     |
| 50        | 651666     | 3775      | BPSK       | 75      | LOW       | Pass     |
| 50        | 651666     | 3775      | QPSK       | 75      | LOW       | Pass     |
| 50        | 651666     | 3775      | 16QAM      | 75      | LOW       | Pass     |
| 50        | 651666     | 3775      | 64QAM      | 75      | LOW       | Pass     |
| 50        | 651666     | 3775      | 256QAM     | 75      | LOW       | Pass     |
| 100       | 650000     | 3750      | BPSK       | 100     | LOW       | Pass     |
| 100       | 650000     | 3750      | QPSK       | 100     | LOW       | Pass     |
| 100       | 650000     | 3750      | 16QAM      | 100     | LOW       | Pass     |
| 100       | 650000     | 3750      | 64QAM      | 100     | LOW       | Pass     |
| 100       | 650000     | 3750      | 256QAM     | 100     | LOW       | Pass     |

Test Plot(s)

## Conducted method

### Test limit:

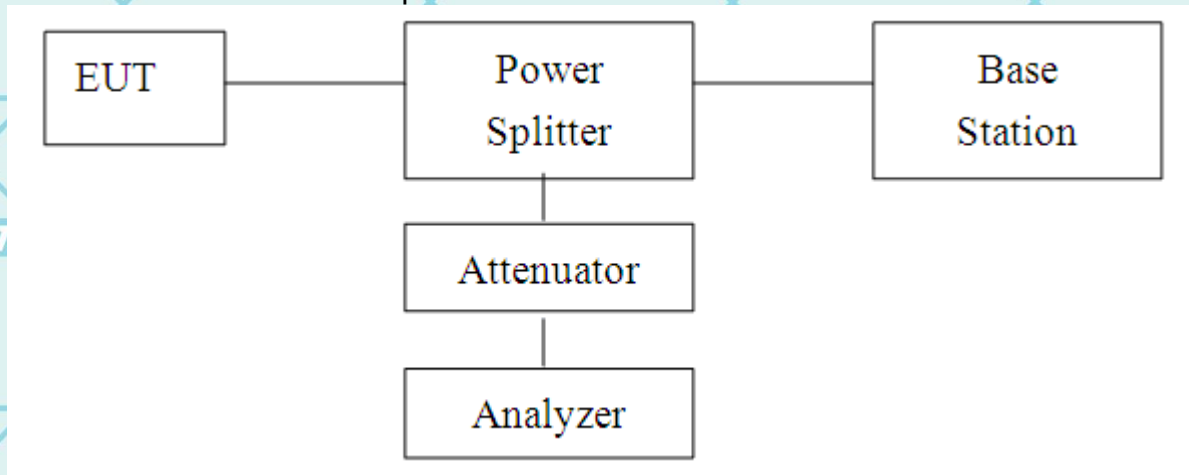
The spurious (unwanted) emission limits specified in the individual FCC rule parts applicable to licensed digital transmitters (typically referred to under the heading 'emission limits') normally apply to any and all emissions that are present outside of the authorized frequency band/block and apply to emissions in both the out-of-band and spurious domains. In some rule parts, the unwanted emission limits are specified by an emission mask that defines the applicable limit as a function of the frequency range relative to the authorized frequency block.

Typically, unwanted emissions are required by the licensed rule parts to be attenuated below the transmitter power by a factor of at least  $X + 10\log(P)$  dB, where P represents the transmitter power expressed in watts and X is a specified scalar value (e.g., 43). This specification can be interpreted in one of two equivalent ways. First, the required attenuation can be construed to be relative to the mean carrier power, with the resultant of the equation  $X + 10\log(P)$  being expressed in dBc (dB relative to the maximum carrier power). Alternatively, the specification can be interpreted as an absolute limit when the specified attenuation is actually subtracted from the maximum permissible transmitter power [i.e.,  $10\log(P) - \{X + 10\log(P)\}$ ], resulting in an absolute level of -X dBW [or  $(-X + 30)$  dBm]. See section 4.

### Test procedure:

The RF output of the transceiver was connected to a spectrum analyzer and simulator through appropriate attenuation. The resolution bandwidth of the spectrum analyzer was set at 100 kHz below 1 GHz and 1 MHz above 1 GHz. Sufficient scans were taken to show any out of band emissions up to 10th harmonics.

### Conducted Emission Test-Up:



## Radiated method

### Test limit:

The spurious (unwanted) emission limits specified in the individual FCC rule parts applicable to licensed digital transmitters (typically referred to under the heading 'emission limits') normally apply to any and all emissions that are present outside of the authorized frequency band/block and apply to emissions in both the out-of-band and spurious domains. In some rule parts, the unwanted emission limits are specified by an emission mask that defines the applicable limit as a function of the frequency range relative to the authorized frequency block.

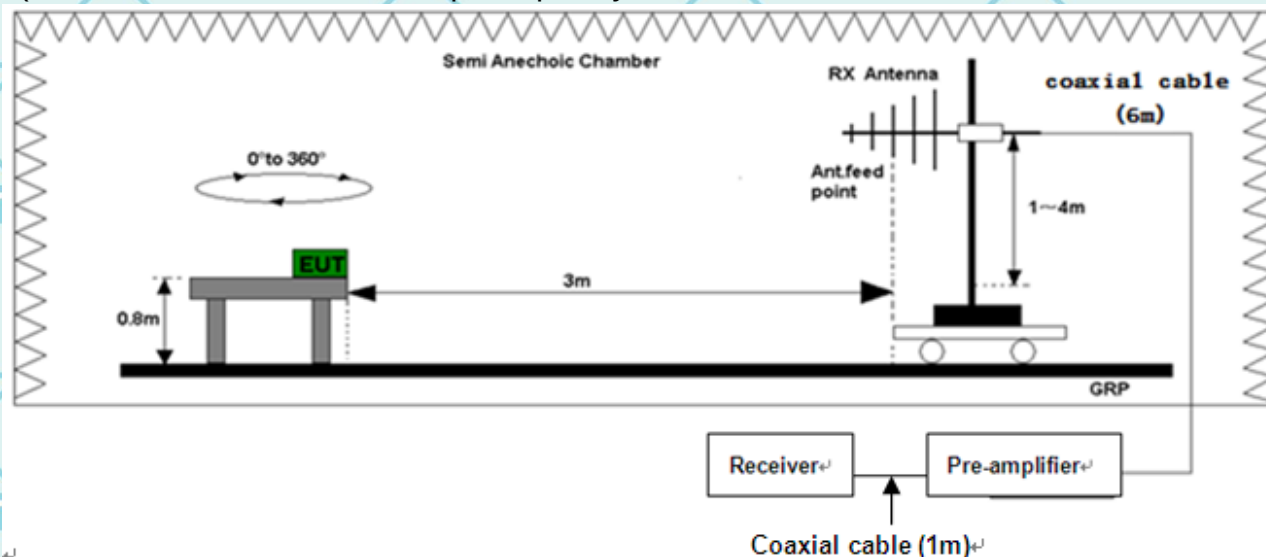
Typically, unwanted emissions are required by the licensed rule parts to be attenuated below the transmitter power by a factor of at least  $X + 10\log(P)$  dB, where P represents the transmitter power expressed in watts and X is a specified scalar value (e.g., 43). This specification can be interpreted in one of two equivalent ways. First, the required attenuation can be construed to be relative to the mean carrier power, with the resultant of the equation  $X + 10\log(P)$  being expressed in dBc (dB relative to the maximum carrier power). Alternatively, the specification can be interpreted as an absolute limit when the specified attenuation is actually subtracted from the maximum permissible transmitter power [i.e.,  $10\log(P) - \{X + 10\log(P)\}$ ], resulting in an absolute level of -X dBW [or  $(-X + 30)$  dBm]. See section 4.

### Test procedure:

The radiated emission tests were performed in the 3m Semi- Anechoic Chamber test site. The resolution bandwidth of the spectrum analyzer was set at 100 kHz below 1 GHz and 1 MHz above 1 GHz. Sufficient scans were taken to show any out of band emissions up to 10th harmonics.

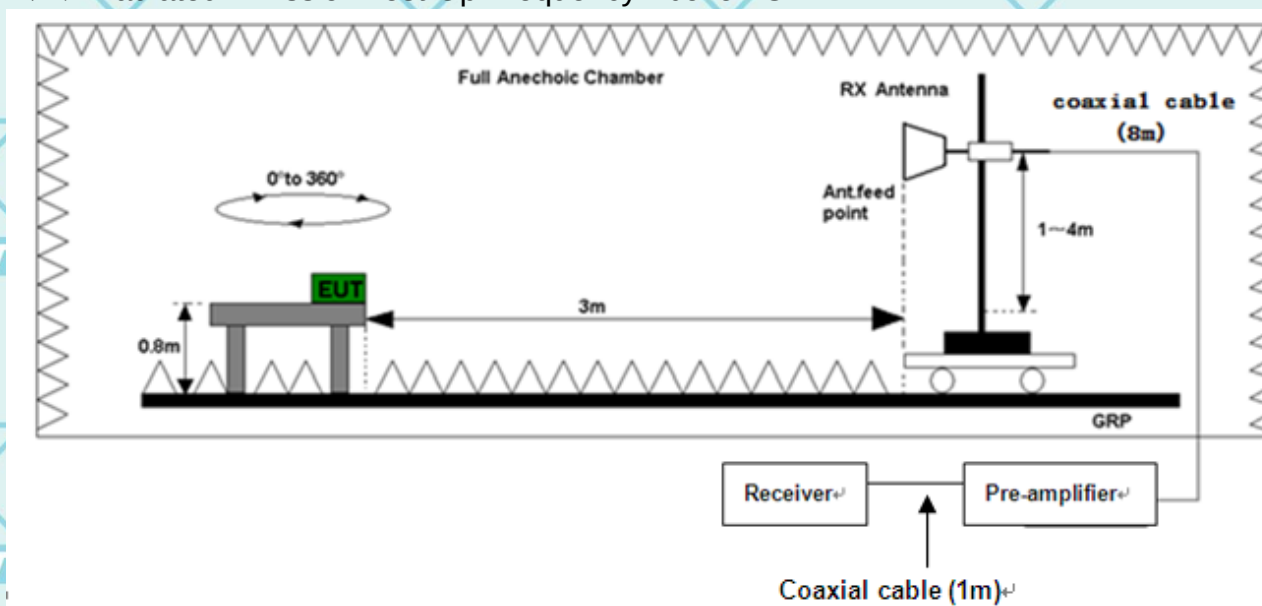
### Test setup:

#### (A) Radiated Emission Test-Up Frequency 30MHz~1GHz



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(B) Radiated Emission Test-Up Frequency Above 1GHz



**Note:**

- 1, Below 30MHz no Spurious found.
- 2, UE is positioned at 3 axis at the pre-scan stage, and only the measurement of the worst case is reported in this part.

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## List of final test modes:

## GSM850:

| Channel | UL Channel | Frequency | Judgment |
|---------|------------|-----------|----------|
| Middle  | 190        | 836.6     | Pass     |

## PCS1900

| Channel | UL Channel | Frequency | Judgment |
|---------|------------|-----------|----------|
| Middle  | 661        | 1880      | Pass     |

## UTRA BANDS

## Band 2:

| Channel | UL Channel | Frequency | Judgment |
|---------|------------|-----------|----------|
| Middle  | 9400       | 1880      | Pass     |

## Band 4:

| Channel | UL Channel | Frequency | Judgment |
|---------|------------|-----------|----------|
| Middle  | 1413       | 1732.6    | Pass     |

## Band 5:

| Channel | UL Channel | Frequency | Judgment |
|---------|------------|-----------|----------|
| Middle  | 4182       | 836.4     | Pass     |

# E-UTRA BANDS

This is the worst pattern data

## Band 2:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 20        | 18900      | 1880      | QPSK       | 100     | LOW       | Pass     |

## Band 4:

| Mode | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|------|-----------|------------|-----------|------------|---------|-----------|----------|
| 1    | 20        | 20300      | 1745      | Q16        | 100     | LOW       | Pass     |

## Band 5:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 10        | 20525      | 836.5     | QPSK       | 50      | LOW       | Pass     |

## Band 7:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 20        | 21350      | 2560      | QPSK       | 100     | LOW       | Pass     |

## Band 12:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 10        | 23095      | 707.5     | QPSK       | 50      | LOW       | Pass     |

## Band 13:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 10        | 23230      | 782       | QPSK       | 50      | LOW       | Pass     |

## Band 17:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 10        | 23790      | 710       | QPSK       | 50      | LOW       | Pass     |

## Band 38:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 20        | 38000      | 2595      | QPSK       | 100     | LOW       | Pass     |

## Band 41:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 20        | 40620      | 2593      | QPSK       | 100     | LOW       | Pass     |

## Band 42(3450-3550Mhz):

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 20        | 42590      | 3500      | QPSK       | 100     | LOW       | Pass     |

## Band 66:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 20        | 132322     | 1745      | QPSK       | 100     | LOW       | Pass     |

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# NR Bands

This is the worst pattern data

n5:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 20        | 167300     | 836.5     | QPSK       | 100     | LOW       | Pass     |

n7:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 20        | 507000     | 2535      | QPSK       | 100     | LOW       | Pass     |

n12:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 15        | 141500     | 707.5     | QPSK       | 75      | LOW       | Pass     |

n38:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 20        | 519000     | 2595      | QPSK       | 100     | LOW       | Pass     |

n41:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 100       | 518598     | 2593      | QPSK       | 100     | LOW       | Pass     |

n66:

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 40        | 349000     | 1745      | QPSK       | 100     | LOW       | Pass     |

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**n77(3450-3550Mhz):**

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 100       | 633034     | 3500      | QPSK       | 100     | LOW       | Pass     |

**n77(3700-3980Mhz):**

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 100       | 656000     | 3890      | QPSK       | 100     | LOW       | Pass     |

**n78(3450-3550Mhz):**

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 100       | 633034     | 3500      | QPSK       | 100     | LOW       | Pass     |

**n78(3700-3800Mhz):**

| Channel | Bandwidth | UL Channel | Frequency | Modulation | RB Size | RB Offset | Judgment |
|---------|-----------|------------|-----------|------------|---------|-----------|----------|
| Middle  | 100       | 650000     | 3750      | QPSK       | 100     | LOW       | Pass     |

Test record:

Note:

1. The substitution method is used. Substitution values at each frequency are measured before and saved to the test software. A "reference path loss" is established and the  $AR_{pl}$  is the attenuation of "reference path loss", and including the gain of receive antenna, the gain of the preamplifier, the cable loss and the air loss. The measurement results are obtained as described below:

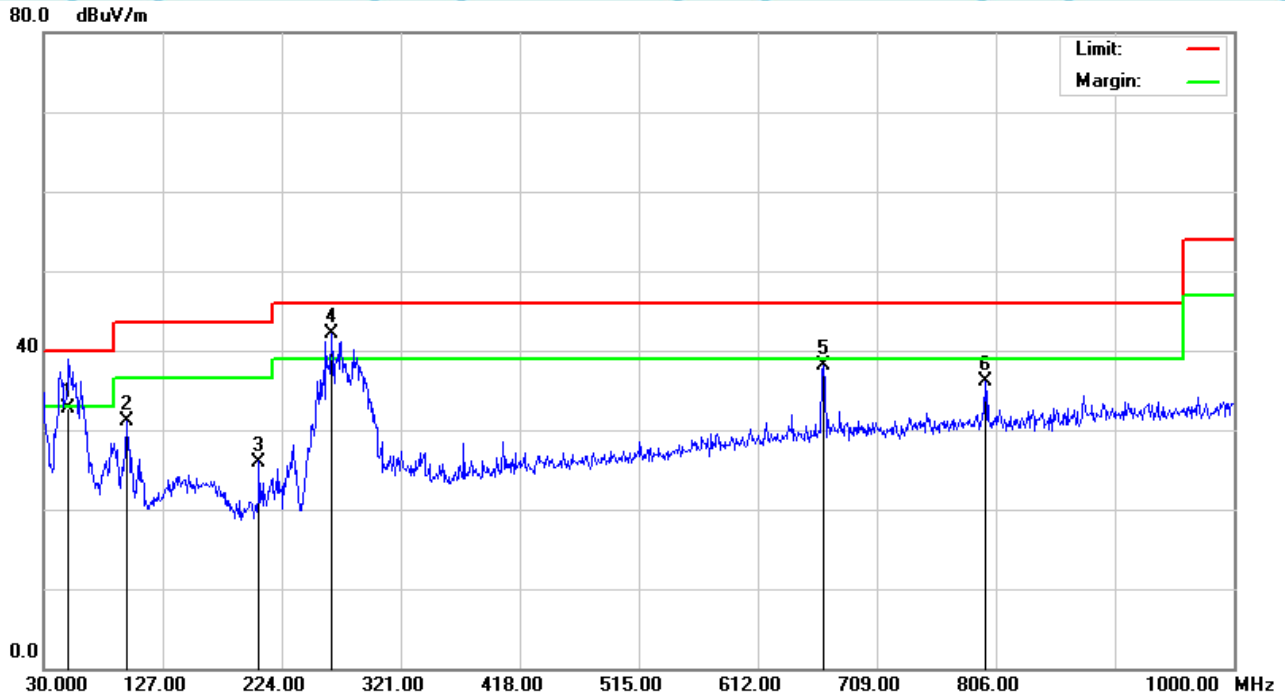
$$Power = P_{Mea} + AR_{pl}$$

2.  $AR_{pl} = \text{Cable loss} + \text{Antenna gain}$

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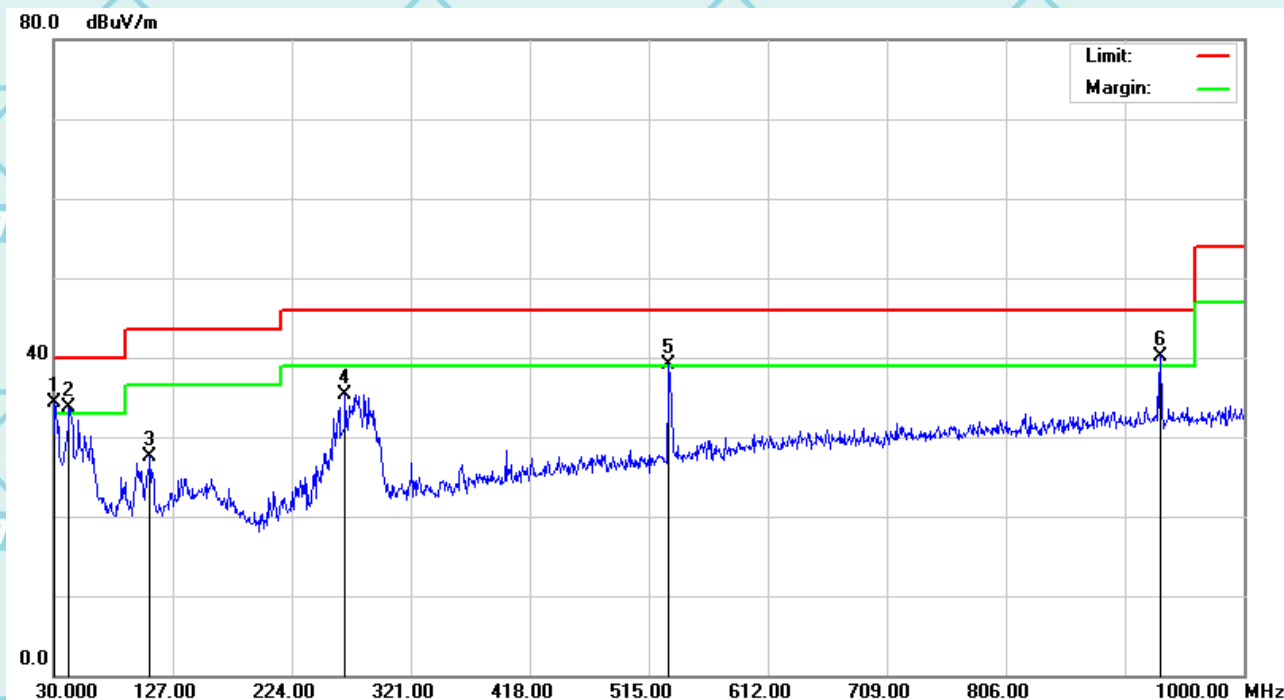
Please refer to following diagram for individual  
Below 1GHz

Horizontal:



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|
| 1   |     | 50.3700      | 34.85                    | -2.14                   | 32.71                      | 40.00           | -7.29      | QP       |
| 2   |     | 97.9000      | 36.78                    | -5.68                   | 31.10                      | 43.50           | -12.40     | QP       |
| 3   |     | 205.5700     | 31.83                    | -5.83                   | 26.00                      | 43.50           | -17.50     | QP       |
| 4   | *   | 264.7400     | 45.61                    | -3.59                   | 42.02                      | 46.00           | -3.98      | QP       |
| 5   |     | 665.3500     | 33.08                    | 4.97                    | 38.05                      | 46.00           | -7.95      | QP       |
| 6   |     | 797.2700     | 29.72                    | 6.40                    | 36.12                      | 46.00           | -9.88      | QP       |

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Vertical:



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|
| 1   | *   | 30.9700      | 36.83                    | -2.57                   | 34.26                      | 40.00           | -5.74      | QP       |
| 2   | !   | 42.6100      | 35.53                    | -1.80                   | 33.73                      | 40.00           | -6.27      | QP       |
| 3   |     | 108.5700     | 32.34                    | -4.74                   | 27.60                      | 43.50           | -15.90     | QP       |
| 4   |     | 267.6500     | 38.68                    | -3.42                   | 35.26                      | 46.00           | -10.74     | QP       |
| 5   | !   | 531.4900     | 36.85                    | 2.24                    | 39.09                      | 46.00           | -6.91      | QP       |
| 6   | !   | 932.1000     | 32.24                    | 7.96                    | 40.20                      | 46.00           | -5.80      | QP       |

Note1:

Freq. = Emission frequency in MHz

Reading level (dBuV) = Receiver reading

Corr. Factor (dB) = Antenna factor + Cable loss - Amplifier factor.

Measurement (dBuV) = Reading level (dBuV) + Corr. Factor (dB)

Limit (dBuV) = Limit stated in standard

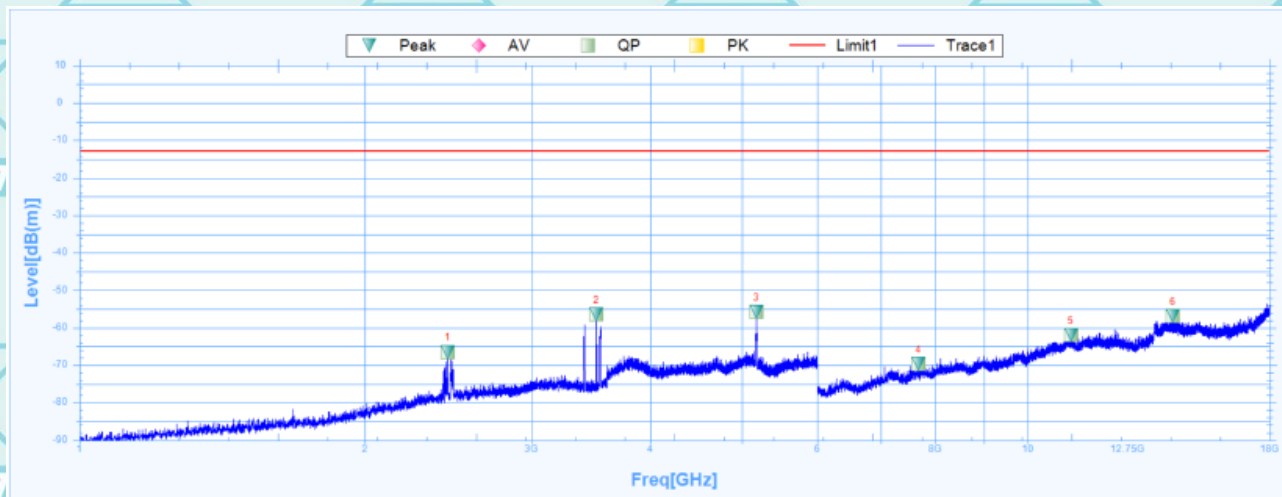
Margin (dB) = Measurement (dBuV) - Limits (dBuV)

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**Note: The spurious above 18G is noise only, do not show on the report.**

GSM850:

Horizontal:

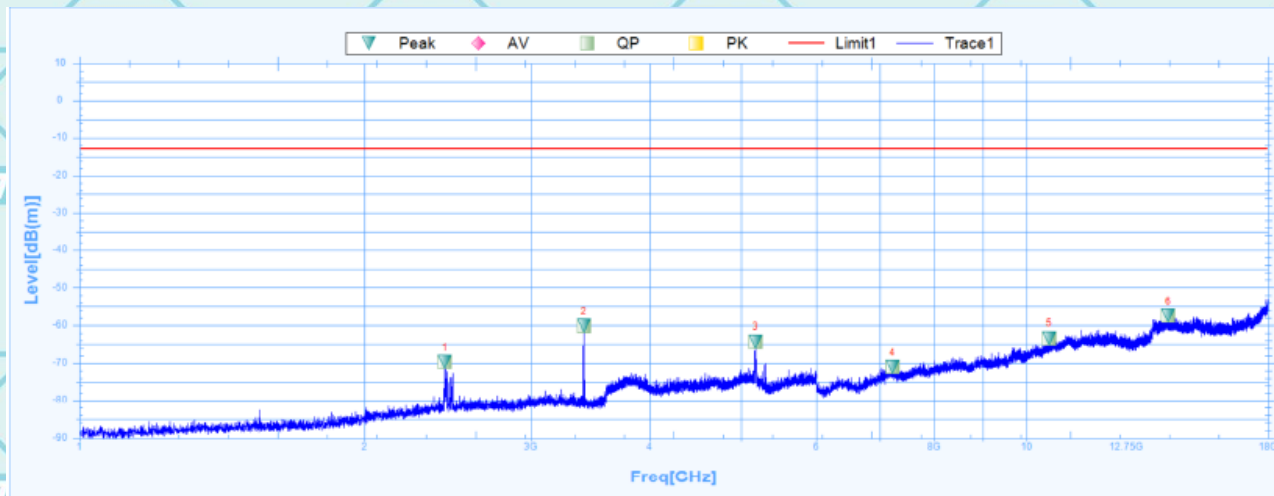


Suspected Data List

| NO. | Freq. [MHz] | Level [dB(m)] | Factor [dB] | Reading [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|---------------|-------------|-----------------|------------|-------------|---------|------------|-------|---------|
| 1   | 2444.3750   | -66.47        | 27.41       | -93.88          | -13        | -53.47      | 173.9   | Horizontal | PK    | Pass    |
| 2   | 3510.6250   | -56.47        | 28.53       | -85             | -13        | -43.47      | 69.8    | Horizontal | PK    | Pass    |
| 3   | 5178.7500   | -55.67        | 31.74       | -87.41          | -13        | -42.67      | 261.1   | Horizontal | PK    | Pass    |
| 4   | 7672.5000   | -69.69        | 7.96        | -77.65          | -13        | -56.69      | 156.3   | Horizontal | PK    | Pass    |
| 5   | 11106.0000  | -61.98        | 15.86       | -77.84          | -13        | -48.98      | 347.9   | Horizontal | PK    | Pass    |
| 6   | 14233.5000  | -56.92        | 18.89       | -75.81          | -13        | -43.92      | -0.1    | Horizontal | PK    | Pass    |

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Vertical:

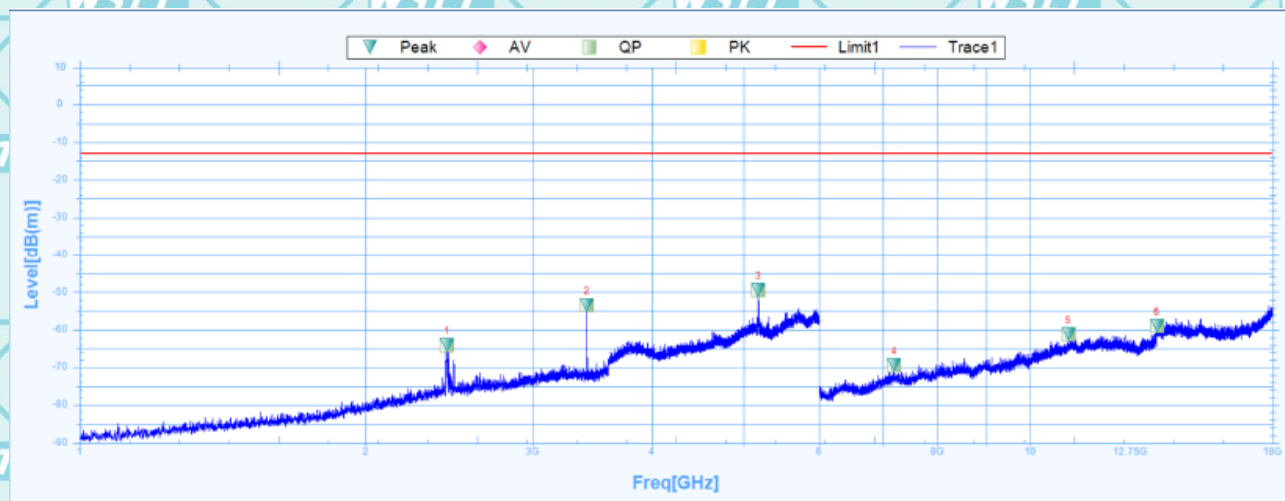


Susputed Data List

| NO. | Freq. [MHz] | Level [dB(m)] | Factor [dB] | Reading [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
|-----|-------------|---------------|-------------|-----------------|------------|-------------|---------|----------|-------|---------|
| 1   | 2432.5000   | -69.68        | 27.37       | -97.05          | -13        | -56.68      | 1.1     | Vertical | PK    | Pass    |
| 2   | 3411.2500   | -60.22        | 28.45       | -88.67          | -13        | -47.22      | 152.3   | Vertical | PK    | Pass    |
| 3   | 5179.3750   | -64.26        | 31.74       | -96             | -13        | -51.26      | 275.4   | Vertical | PK    | Pass    |
| 4   | 7221.0000   | -70.92        | 6.98        | -77.9           | -13        | -57.92      | 176.6   | Vertical | PK    | Pass    |
| 5   | 10575.0000  | -63.38        | 14.22       | -77.6           | -13        | -50.38      | 357.6   | Vertical | PK    | Pass    |
| 6   | 14124.0000  | -57.55        | 19          | -76.55          | -13        | -44.55      | 22.5    | Vertical | PK    | Pass    |

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PCS1900:  
Horizontal:



Susputed Data List

| NO. | Freq. [MHz] | Level [dB(m)] | Factor [dB] | Reading [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|---------------|-------------|-----------------|------------|-------------|---------|------------|-------|---------|
| 1   | 2435.0000   | -64.15        | 6.2         | -70.35          | -13        | -51.15      | 195.4   | Horizontal | PK    | Pass    |
| 2   | 3420.0000   | -53.56        | 10.35       | -63.91          | -13        | -40.56      | 225.3   | Horizontal | PK    | Pass    |
| 3   | 5182.5000   | -49.49        | 19.29       | -68.78          | -13        | -36.49      | 244.4   | Horizontal | PK    | Pass    |
| 4   | 7198.5000   | -69.43        | 35.8        | -105.23         | -13        | -56.43      | 206.6   | Horizontal | PK    | Pass    |
| 5   | 10974.0000  | -61.37        | 39.46       | -100.83         | -13        | -48.37      | 0.1     | Horizontal | PK    | Pass    |
| 6   | 13602.0000  | -59.11        | 40.47       | -99.58          | -13        | -46.11      | 0.1     | Horizontal | PK    | Pass    |

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Vertical:



Suspected Data List

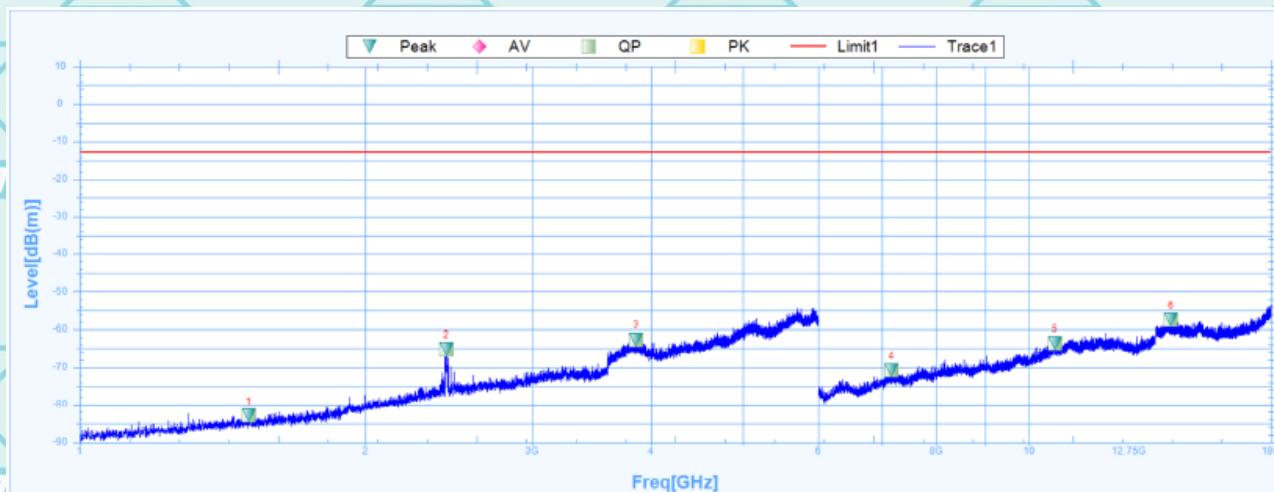
| NO. | Freq. [MHz] | Level [dB(m)] | Factor [dB] | Reading [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
|-----|-------------|---------------|-------------|-----------------|------------|-------------|---------|----------|-------|---------|
| 1   | 1628.1250   | -82.7         | 24.91       | -107.61         | -13        | -69.7       | 262.3   | Vertical | PK    | Pass    |
| 2   | 2429.3750   | -66.13        | 27.36       | -93.49          | -13        | -53.13      | 54.2    | Vertical | PK    | Pass    |
| 3   | 5198.7500   | -51.03        | 31.76       | -82.79          | -13        | -38.03      | 1.1     | Vertical | PK    | Pass    |
| 4   | 7206.0000   | -71.49        | 7           | -78.49          | -13        | -58.49      | 143.3   | Vertical | PK    | Pass    |
| 5   | 10572.0000  | -63.53        | 14.21       | -77.74          | -13        | -50.53      | 120.6   | Vertical | PK    | Pass    |
| 6   | 14047.5000  | -57.34        | 19.08       | -76.42          | -13        | -44.34      | 301     | Vertical | PK    | Pass    |

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UTRA BANDS

Band 2:

Horizontal:



Suspected Data List

| NO. | Freq. [MHz] | Level [dB(m)] | Factor [dB] | Reading [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|---------------|-------------|-----------------|------------|-------------|---------|------------|-------|---------|
| 1   | 1508.1250   | -83           | 24.99       | -107.99         | -13        | -70         | 130.8   | Horizontal | PK    | Pass    |
| 2   | 2435.0000   | -65.26        | 27.38       | -92.64          | -13        | -52.26      | 115.3   | Horizontal | PK    | Pass    |
| 3   | 3858.7500   | -62.72        | 29.36       | -92.08          | -13        | -49.72      | 34      | Horizontal | PK    | Pass    |
| 4   | 7168.5000   | -70.74        | 7.03        | -77.77          | -13        | -57.74      | 185     | Horizontal | PK    | Pass    |
| 5   | 10656.0000  | -63.79        | 14.53       | -78.32          | -13        | -50.79      | 261.5   | Horizontal | PK    | Pass    |
| 6   | 14125.5000  | -57.54        | 19          | -76.54          | -13        | -44.54      | 337.8   | Horizontal | PK    | Pass    |

Vertical:



Suspected Data List

| NO. | Freq. [MHz] | Level [dB(m)] | Factor [dB] | Reading [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
|-----|-------------|---------------|-------------|-----------------|------------|-------------|---------|----------|-------|---------|
| 1   | 1528.7500   | -82.62        | 24.97       | -107.59         | -13        | -69.62      | 208.5   | Vertical | PK    | Pass    |
| 2   | 2431.2500   | -63.02        | 27.37       | -90.39          | -13        | -50.02      | 81.8    | Vertical | PK    | Pass    |
| 3   | 5178.7500   | -53.38        | 31.74       | -85.12          | -13        | -40.38      | 110.5   | Vertical | PK    | Pass    |
| 4   | 6931.5000   | -72.44        | 6.14        | -78.58          | -13        | -59.44      | 321.2   | Vertical | PK    | Pass    |
| 5   | 10920.0000  | -62.77        | 15.17       | -77.94          | -13        | -49.77      | 234     | Vertical | PK    | Pass    |
| 6   | 14002.5000  | -57.06        | 19.12       | -76.18          | -13        | -44.06      | 248.3   | Vertical | PK    | Pass    |

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Band 4:  
Horizontal:



Suspected Data List

| NO. | Freq. [MHz] | Level [dB(m)] | Factor [dB] | Reading [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|---------------|-------------|-----------------|------------|-------------|---------|------------|-------|---------|
| 1   | 1464.3750   | -83.59        | 25.04       | -108.63         | -13        | -70.59      | 4.2     | Horizontal | PK    | Pass    |
| 2   | 2443.1250   | -62.48        | 27.41       | -89.89          | -13        | -49.48      | 360     | Horizontal | PK    | Pass    |
| 3   | 5181.2500   | -50.19        | 31.74       | -81.93          | -13        | -37.19      | 0.9     | Horizontal | PK    | Pass    |
| 4   | 7734.0000   | -69.82        | 7.96        | -77.78          | -13        | -56.82      | 40.4    | Horizontal | PK    | Pass    |
| 5   | 11823.0000  | -61.86        | 16.29       | -78.15          | -13        | -48.86      | 93      | Horizontal | PK    | Pass    |
| 6   | 14070.0000  | -57.31        | 19.06       | -76.37          | -13        | -44.31      | 348.5   | Horizontal | PK    | Pass    |

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Vertical:



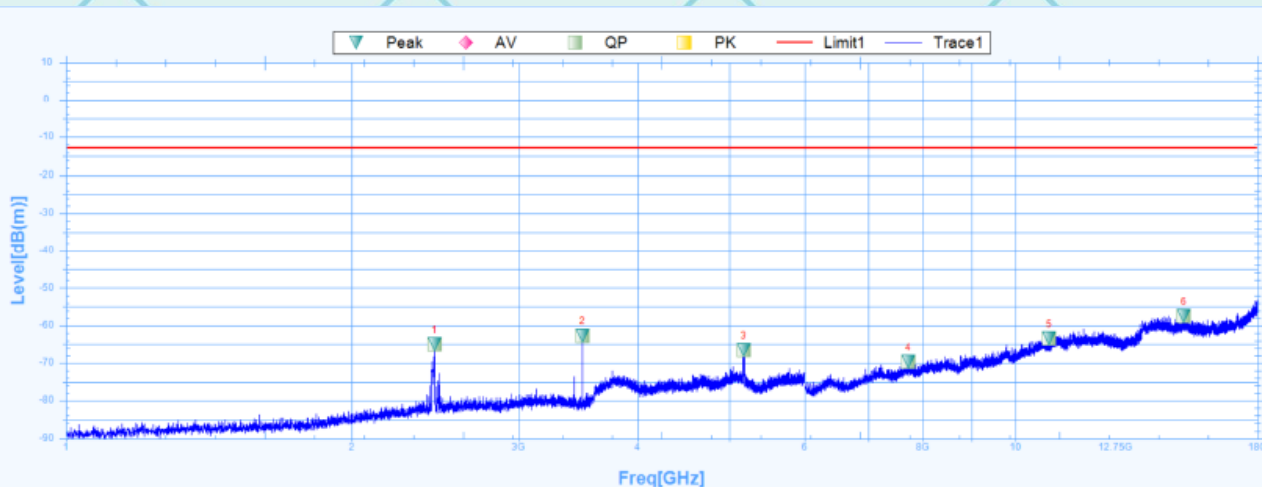
Suspected Data List

| NO. | Freq. [MHz] | Level [dB(m)] | Factor [dB] | Reading [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity | Trace | Verdict |
|-----|-------------|---------------|-------------|-----------------|------------|-------------|---------|----------|-------|---------|
| 1   | 1592.5000   | -82.18        | 24.91       | -107.09         | -13        | -69.18      | 87.8    | Vertical | PK    | Pass    |
| 2   | 2443.7500   | -62.22        | 27.41       | -89.63          | -13        | -49.22      | 252.7   | Vertical | PK    | Pass    |
| 3   | 5178.7500   | -53.79        | 31.74       | -85.53          | -13        | -40.79      | 4.6     | Vertical | PK    | Pass    |
| 4   | 7741.5000   | -69.63        | 7.96        | -77.59          | -13        | -56.63      | 359.4   | Vertical | PK    | Pass    |
| 5   | 11155.5000  | -62.7         | 15.8        | -78.5           | -13        | -49.7       | 262.6   | Vertical | PK    | Pass    |
| 6   | 14403.0000  | -57.58        | 18.72       | -76.3           | -13        | -44.58      | 238.8   | Vertical | PK    | Pass    |

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Band 5:

Horizontal:



Suspected Data List

| NO. | Freq. [MHz] | Level [dB(m)] | Factor [dB] | Reading [dB(m)] | Limit [dB] | Margin [dB] | Deg [°] | Polarity   | Trace | Verdict |
|-----|-------------|---------------|-------------|-----------------|------------|-------------|---------|------------|-------|---------|
| 1   | 2443.7500   | -64.99        | 27.41       | -92.4           | -13        | -51.99      | 357     | Horizontal | PK    | Pass    |
| 2   | 3501.8750   | -62.71        | 28.5        | -91.21          | -13        | -49.71      | 175     | Horizontal | PK    | Pass    |
| 3   | 5178.7500   | -66.66        | 31.74       | -98.4           | -13        | -53.66      | 184.6   | Horizontal | PK    | Pass    |
| 4   | 7716.0000   | -69.6         | 7.96        | -77.56          | -13        | -56.6       | -0.1    | Horizontal | PK    | Pass    |
| 5   | 10858.5000  | -63.45        | 14.87       | -78.32          | -13        | -50.45      | 289     | Horizontal | PK    | Pass    |
| 6   | 15057.0000  | -57.52        | 19.31       | -76.83          | -13        | -44.52      | 317.7   | Horizontal | PK    | Pass    |