

TEST REPORT

of

FCC Part 2 Subpart J, Part 22 Subpart C/H,
Part 24 Subpart E, Part 27 Subpart C Part 90 Subpart R/S
IC RSS-130 Issue 2, RSS-132 Issue 3, RSS-133 Issue 6,
RSS-139 Issue 3, RSS-140 Issue 1,
RSS-199 Issue 3 and RSS-Gen Issue 5

FCC ID: BEJTM05FNNAGM0
IC Certification: 2703H-TM05FNNAGM0

Equipment Under Test : Telematics Module
Model Name : TM05FNNAGM0
Variant Model Name(s) : TM05FNNAGM1
Applicant : FCC: LG Electronics USA
: IC: LG ELECTRONICS INC.
Manufacturer : LG Electronics Inc.
Date of Receipt : 2022.07.22
Date of Test(s) : 2022.07.25 ~ 2023.02.16
Date of Issue : 2023.02.16

In the configuration tested, the EUT complied with the standards specified above. This test report does not assure KOLAS accreditation.

- 1) The results of this test report are effective only to the items tested.
- 2) The SGS Korea is not responsible for the sampling, the results of this test report apply to the sample as received.
- 3) This test report cannot be reproduced, except in full, without prior written permission of the Company.
- 4) The data marked ※ in this report was provided by the customer and may affect the validity of the test results.

We are responsible for all the information of this test report except for the data(※) provided by the customer.

Tested by:

Teo Kim

Technical
Manager:

Jinhyoung Cho

SGS Korea Co., Ltd. Gunpo Laboratory



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1. General Information

1.1. Testing Laboratory

SGS Korea Co., Ltd. (Gunpo Laboratory)
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 - Designation number: KR0150

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1.2. Details of Applicant

FCC Applicant : LG Electronics USA
 FCC Address : 111 Sylvan Avenue, North Building, Englewood Cliffs, New Jersey, United States, 07632
 IC Applicant : LG ELECTRONICS INC.
 IC Address : 222, LG-ro, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do, Korea (Republic of), 451-713
 Contact Person : Cho, Hee-jae
 Phone No. : +1 201 470 2696

1.3. Details of Manufacturer

Company : LG Electronics Inc.
 Address : 10, Magokjungang 10-ro, Gangseo-gu, Seoul, Korea, 07796

1.4. Description of EUT

| | |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Kind of Product | Telematics Module |
| Model Name | TM05FNNAGM0 |
| Variant Model Name | TM05FNNAGM1 |
| Serial Number | Conducted: 351015130056680 Radiated: 351015130065751 |
| Power Supply | DC 3.90 V |
| Rated Power | NR Band 2, 5, 7, 12, 13, 14, 25, 26, 71: 24 dB m NR Band 66: 23.5 dB m |
| Frequency Range | NR Band 2: 1 850 MHz ~ 1 910 MHz NR Band 5: 824 MHz ~ 849 MHz NR Band 7: 2 500 MHz ~ 2 570 MHz NR Band 12: 699 MHz ~ 716 MHz NR Band 13: 777 MHz ~ 787 MHz NR Band 14: 788 MHz ~ 798 MHz NR Band 25: 1 850 MHz ~ 1 915 MHz NR Band 26(FCC Only): 814 MHz ~ 824 MHz NR Band 26: 824 MHz ~ 849 MHz NR Band 66: 1 710 MHz ~ 1 780 MHz NR Band 71: 663 MHz ~ 698 MHz |
| Modulation Technique | BPSK, QPSK, 16QAM, 64QAM |
| Antenna Type | External Antenna |
| Antenna Gain* | Refer to the clause 1.15 |
| H/W Version | REV.D |
| S/W Version | SW168 |
| FVIN | N/A |

1.5. Test Equipment List

| Equipment | Manufacturer | Model | S/N | Cal. Date | Cal. Interval | Cal. Due |
|----------------------------|-----------------------------|--------------------------------------|---------------------------|---------------|---------------|---------------|
| Signal Generator | R&S | SMA100B | 106887 | Oct. 13, 2022 | Annual | Oct. 13, 2023 |
| Signal Generator | R&S | SMBV100A | 255834 | May 25, 2022 | Annual | May 25, 2023 |
| Spectrum Analyzer | R&S | FSV30 | 103210 | Dec. 07, 2022 | Annual | Dec. 07, 2023 |
| Spectrum Analyzer | Agilent | N9020A | MY53421758 | Aug. 26, 2022 | Annual | Aug. 26, 2023 |
| Spectrum Analyzer | Agilent | N9030A | US51350132 | Nov. 16, 2022 | Annual | Nov. 16, 2023 |
| Mobile Test Unit | R&S | CMW 500 | 144034 | Feb. 21, 2022 | Annual | Feb. 21, 2023 |
| Communication test station | Anritsu | MT8000A | 6261949671 | Oct. 12, 2022 | Annual | Oct. 12, 2023 |
| Communication Analyzer | Anritsu | MT8821C | 6262192291 | Oct. 11, 2022 | Annual | Oct. 11, 2023 |
| Power Meter | Anritsu | ML2495A | 1223004 | Nov. 29, 2022 | Annual | Nov. 29, 2023 |
| Power Sensor | Anritsu | MA2411B | 1207272 | May 27, 2022 | Annual | May 27, 2023 |
| Temperature Chamber | ESPEC CORP. | SH-662 | 93000533 | Jun. 02, 2022 | Annual | Jun. 02, 2023 |
| Low Pass Filter | Mini-Circuits | NLP-1200+ | V 8979400903-1 | May 13, 2022 | Annual | May 13, 2023 |
| High Pass Filter | Wainwright Instrument GmbH | WHKX10-900-1000-18000-40SS | 7 | Mar. 04, 2022 | Annual | Mar. 04, 2023 |
| High Pass Filter | Wainwright Instrument GmbH | WHKX2.2/12.75G-10SS | 8 | Mar. 04, 2022 | Annual | Mar. 04, 2023 |
| High Pass Filter | Wainwright Instrument GmbH | WHKX3.0/18G-6SS | 21 | Jun. 09, 2022 | Annual | Jun. 09, 2023 |
| High Pass Filter | Wainwright Instrument GmbH | WHNX7.5/26.5G-6SS | 11 | Oct. 24, 2022 | Annual | Oct. 24, 2023 |
| Power Splitter | Weinschel | 1534 | 499 | May 31, 2022 | Annual | May 31, 2023 |
| BRIDGE COUPLER | MARKI MICROWAVE INC | CBR16-0012 | 1542 | May 06, 2022 | Annual | May 06, 2023 |
| Directional Coupler | KRYTAR | 152613 | 122660 | Jul. 06, 2022 | Annual | Jul. 06, 2023 |
| DC Power Supply | Agilent | U8002A | MY49030063 | Jan. 20, 2023 | Annual | Jan. 20, 2024 |
| Preamplifier | H.P. | 8447F | 2944A03909 | Aug. 04, 2022 | Annual | Aug. 04, 2023 |
| Preamplifier | R&S | SCU 18 | 10117 | Jun. 13, 2022 | Annual | Jun. 13, 2023 |
| Preamplifier | TESTEK | TK-PA1840H | 130016 | Jan. 11, 2023 | Annual | Jan. 11, 2024 |
| Test Receiver | R&S | ESCI 7 | 100911 | Feb. 23, 2022 | Annual | Feb. 23, 2023 |
| Loop Antenna | Schwarzbeck Mess-Elektronik | FMZB 1519 | 1519-039 | Aug. 23, 2021 | Biennial | Aug. 23, 2023 |
| Bilog Antenna | Schwarzbeck Mess-Elektronik | VULB9163 | 01126 | Feb. 07, 2022 | Annual | Feb. 07, 2023 |
| Horn Antenna | R&S | HF906 | 100326 | Feb. 18, 2022 | Annual | Feb. 18, 2023 |
| Horn Antenna | Schwarzbeck Mess-Elektronik | BBHA 9170 | 9170-540 | Nov. 30, 2022 | Annual | Nov. 30, 2023 |
| Antenna Master | Innco systems GmbH | MA4640-XP-ET | MA4640/536/383 30516/L | N.C.R. | N/A | N.C.R. |
| Turn Table | Innco systems GmbH | DS 1200S | N/A | N.C.R. | N/A | N.C.R. |
| Controller | Innco systems GmbH | CONTROLLER CO3000-4P | CO3000/963/383 30516/L | N.C.R. | N/A | N.C.R. |
| Anechoic Chamber | SY Corporation | L x W x H (9.6 m x 6.4 m x 6.6 m) | N/A | N.C.R. | N/A | N.C.R. |
| Coaxial Cable | RFONE | MWX221-NMSNMS (4 m) | J1023142 | Oct. 04, 2022 | Semi-Annual | Apr. 04, 2023 |
| Coaxial Cable | Qualwave Inc. | QA500-18-NN-10 (10 m) | 22200114 | Oct. 04, 2022 | Semi-Annual | Apr. 04, 2023 |
| Coaxial Cable | RADIALL | TESTPRO 3 | 182287 | Aug. 18, 2022 | Semi-Annual | Feb. 18, 2023 |
| Coaxial Cable | RADIALL | TESTPRO 3 | 182288 | Aug. 18, 2022 | Semi-Annual | Feb. 18, 2023 |
| Coaxial Cable | RADIALL | TESTPRO 3 | 182291 | Aug. 18, 2022 | Semi-Annual | Feb. 18, 2023 |

Note;

- For equipment listed above that has a calibration date or calibration due date that falls within the test date range, care was taken to ensure that this equipment was used after the calibration date and before the calibration due date.

1.6. Summary of Test Results

The EUT has been tested according to the following specifications:

| APPLIED STANDARD: FCC Part 2, 22, 24, 27 and 90 / IC RSS-Gen Issue 5, RSS-130 Issue 2, RSS-132 Issue 3, RSS-133 Issue 6, RSS-139 Issue 3, RSS-140 Issue 1 and RSS-199 Issue 3 | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------|
| Section(s) in FCC | Section(s) in IC | Test Item | Result |
| §2.1046 §22.913(a)(5) §24.232(c) §27.50(b)(10) §27.50(c)(10) §27.50(d)(4) §27.50(h)(2) §90.542(a)(7) §90.635(b) | RSS-130 Issue 2 4.6 RSS-132 Issue 3 5.4 RSS-133 Issue 6 6.4 RSS-139 Issue 3 6.5 RSS-140 Issue 1 4.3 RSS-199 Issue 3 4.4 | E.R.P. / E.I.R.P. | Complied |
| §22.917(a) §24.238(a) §27.53(c)(2) §27.53(f) §27.53(g) §27.53(h)(1) §27.53(m)(4) §90.543(e) §90.543(f) §90.691(a) | RSS-130 Issue 2 4.7 RSS-132 Issue 3 5.5 RSS-133 Issue 6 6.5 RSS-139 Issue 3 6.6 RSS-140 Issue 1 4.4 RSS-199 Issue 3 4.5 | Radiated Spurious Emissions | Complied |
| §2.1046 | RSS-Gen Issue 5 6.12 | Conducted Output Power | Complied |
| §2.1049 | RSS-Gen Issue 5 6.7 | Occupied Bandwidth | Complied |
| §22.913(d) §24.232(d) §27.50(d)(5) | RSS-130 Issue 2 4.6 RSS-132 Issue 3 5.4 RSS-133 Issue 6 6.4 RSS-139 Issue 3 6.5 RSS-140 Issue 1 4.3 RSS-199 Issue 3 4.4 | Peak-Average Ratio | Complied |
| §22.917(a) §24.238(a) §27.53(c)(2) §27.53(g) §27.53(h)(1) §27.53(m)(4) §90.543(e) §90.691(a) | RSS-130 Issue 2 4.7 RSS-132 Issue 3 5.5 RSS-133 Issue 6 6.5 RSS-139 Issue 3 6.6 RSS-140 Issue 1 4.4 RSS-199 Issue 3 4.5 | Spurious Emission at Antenna Terminal | Complied |
| §22.917(a) §24.238(a) §27.53(c)(2) §27.53(c)(4) §27.53(g) §27.53(h)(1) §27.53(m)(4) §90.543(e) §90.691(a) | RSS-130 Issue 2 4.7 RSS-132 Issue 3 5.5 RSS-133 Issue 6 6.5 RSS-139 Issue 3 6.6 RSS-140 Issue 1 4.4 RSS-199 Issue 3 4.5 | Band Edge | Complied |
| §2.1055 §22.355 §24.235 §27.54 §90.213(a) | RSS-Gen Issue 5 6.11 RSS-130 Issue 2 4.5 RSS-132 Issue 3 5.3 RSS-133 Issue 6 6.3 RSS-139 Issue 3 6.4 RSS-140 Issue 1 4.2 RSS-199 Issue 3 4.3 | Frequency Stability | Complied |

1.7. Sample Calculation for Offset

Where relevant, the following sample calculation is provided:

1.7.1. Conducted Test

Offset value (dB) = Directional Coupler (dB) + Cable loss (dB)

1.7.2. Radiation test

- E.I.R.P. (dB m) = Measured level (dB μ V) + Antenna factor (dB/m) + Cable loss (dB) + 20 Log D - 104.8;
where D is the measurement distance in meters.
- E.R.P. (dB m) = E.I.R.P. (dB m) - 2.15 (dB)

1.8. Device Capabilities

This device contains the following capabilities;

NR Band 2 (1 850 MHz ~ 1 910 MHz) is covered by NR Band 25 (1 850 MHz ~ 1 915 MHz) due to overlapping frequency range, same maximum tune-up limit and same channel bandwidth. Therefore test data provided in this report covers NR Band 2 as well as Band 25.

NR Band 5 (824 MHz ~ 849 MHz) is covered by NR Band 26 (824 MHz ~ 849 MHz) due to overlapping frequency range, same maximum tune-up limit and same channel bandwidth. Therefore test data provided in this report covers NR Band 5 as well as Band 26.

1.9. Manufacturer Declaration

The EUT supports two ports and LTE, WCDMA and 5G NR FDD bands support only port 1.
The 5G NR TDD (n41, n77, n78) band supports both port 1 and port 2.

Port 1 supports 5G NR TDD bands only for MIMO mode with CP-OFDM Modulation only.

1.10. ENDC Configuration

| NR Band | SCS (kHz) | Bandwidth (MHz) | Waveform | Modulation | ENDC LTE Band |
|---------|-----------|-------------------|-----------------------|-----------------------------|---------------|
| n2 | 15 | 5, 10, 15, 20 | DFTS OFDM, CP OFDM | BPSK, QPSK, 16QAM, 64QAM | 5, 12, 13, 14 |
| n5 | 15 | 5, 10, 15, 20 | | | 2, 7, 66 |
| n7 | 15 | 5, 10, 15, 20 | | | 5, 12 |
| n12 | 15 | 5, 10, 15 | | | 2, 66 |
| n13 | 15 | 5, 10 | | | 66 |
| n25 | 15 | 5, 10, 15, 20 | | | 12 |
| n66 | 15 | 5, 10, 15, 20, 40 | | | 5, 12, 13, 14 |
| n71 | 15 | 5, 10, 15, 20 | | | 2, 7, 66 |

1.11. Worst Case Configuration and Mode

The worst-case is based on the conducted output power measurement investigation results. All testing was performed using BPSK, QPSK, 16QAM and 64QAM modulations. If both SA and NSA were supported, SA was tested as worst case and NSA was tested only radiated spurious emission for worst conducted output power combination.

On ENDC mode, only radiated spurious emission were tested as worst case for worst conducted output power combination.

However, the spurious radiated emission and spurious at antenna terminal were only performed on bandwidth and RB offset (with RB size 1) with the highest conducted power.

The peak to average ratio were tested only 64QAM modulation as worst case.

The radiation test of the EUT was investigated in three orthogonal orientations X, Y, and Z, and the worst case data is reported.



1.12. Measurement Configuration

| Test Items | Band | Test Channel | | | Bandwidth (MHz) | | | | | | | | | | | | Modulation DFTS-OFDM | | | | Modulation CP-OFDM | | | RB # | | | |
|------------------------------------------------------------|---------------|--------------|-----|------|-----------------|----|----|----|----|----|----|----|----|----|----|------------|----------------------|------|-------|-------|--------------------|-------|-------|------|------|------|---|
| | | Low | Mid | High | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 80 | 90 | 100 | BPSK | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM | 1 | Half | Full | |
| Conducted Output Power | n7 | V | V | V | V | V | V | V | | | | | | | | | V | V | V | V | V | V | V | V | V | V | V |
| | n12 | V | V | V | V | V | V | | | | | | | | | | V | V | V | V | V | V | V | V | V | V | V |
| | n13 | V | V | V | V | V | | | | | | | | | | | V | V | V | V | V | V | V | V | V | V | V |
| | n14 | V | V | V | V | V | | | | | | | | | | | V | V | V | V | V | V | V | V | V | V | V |
| | n25/2 | V | V | V | V | V | V | V | | | | | | | | | V | V | V | V | V | V | V | V | V | V | V |
| | n26/5 part 22 | V | V | V | V | V | V | V | | | | | | | | | V | V | V | V | V | V | V | V | V | V | V |
| | n26 part 22 | V | V | V | V | V | | | | | | | | | | | V | V | V | V | V | V | V | V | V | V | V |
| | n66 | V | V | V | V | V | V | | | | V | | | | | | V | V | V | V | V | V | V | V | V | V | V |
| n71 | V | V | V | V | V | V | V | | | | | | | | | V | V | V | V | V | V | V | V | V | V | V | |
| Frequency Stability | n7 | - | V | - | V | - | - | - | | | | | | | | | - | V | - | - | - | - | - | - | - | - | V |
| | n12 | - | V | - | V | - | - | - | | | | | | | | | - | V | - | - | - | - | - | - | - | - | V |
| | n13 | - | V | - | V | - | - | - | | | | | | | | | - | V | - | - | - | - | - | - | - | - | V |
| | n14 | - | V | - | V | - | - | - | | | | | | | | | - | V | - | - | - | - | - | - | - | - | V |
| | n25/2 | - | V | - | V | - | - | - | | | | | | | | | - | V | - | - | - | - | - | - | - | - | V |
| | n26/5 part 22 | - | V | - | V | - | - | - | | | | | | | | | - | V | - | - | - | - | - | - | - | - | V |
| | n26 part 22 | | V | | V | - | - | - | | | | | | | | | - | V | - | - | - | - | - | - | - | - | V |
| | n66 | - | V | - | V | - | - | - | | | - | | | | | | - | V | - | - | - | - | - | - | - | - | V |
| n71 | - | V | - | V | - | - | - | | | | | | | | | - | V | - | - | - | - | - | - | - | - | V | |
| Occupied Bandwidth | n7 | - | V | - | V | V | V | | | | | | | | | | V | V | V | - | V | V | - | - | - | V | |
| | n12 | - | V | - | V | V | V | | | | | | | | | | V | V | V | - | V | V | - | - | - | V | |
| | n13 | - | V | - | V | V | | | | | | | | | | | V | V | V | - | V | V | - | - | - | V | |
| | n14 | - | V | - | V | V | | | | | | | | | | | V | V | V | - | V | V | - | - | - | V | |
| | n25/2 | - | V | - | V | V | V | | | | | | | | | | V | V | V | - | V | V | - | - | - | V | |
| | n26/5 part 22 | - | V | - | V | V | V | | | | | | | | | | V | V | V | - | V | V | - | - | - | V | |
| | n26 part 22 | - | V | - | V | V | | | | | | | | | | | V | V | V | - | V | V | - | - | - | V | |
| | n66 | - | V | - | V | V | V | | | | V | | | | | | V | V | V | - | V | V | - | - | - | V | |
| n71 | - | V | - | V | V | V | | | | | | | | | | V | V | V | - | V | V | - | - | - | V | | |
| Peak-to-Average Ratio | n7 | V | V | V | V | V | V | | | | | | | | | | - | - | - | V | - | - | V | - | - | V | |
| | n12 | V | V | V | V | V | V | | | | | | | | | | - | - | - | V | - | - | V | - | - | V | |
| | n13 | V | V | V | V | V | | | | | | | | | | | - | - | - | V | - | - | V | - | - | V | |
| | n14 | V | V | V | V | V | | | | | | | | | | | - | - | - | V | - | - | V | - | - | V | |
| | n25/2 | V | V | V | V | V | V | V | | | | | | | | | - | - | - | V | - | - | V | - | - | V | |
| | n26/5 part 22 | V | V | V | V | V | V | V | | | | | | | | | - | - | - | V | - | - | V | - | - | V | |
| | n26 part 22 | V | V | V | V | V | | | | | | | | | | | - | - | - | V | - | - | V | - | - | V | |
| | n66 | V | V | V | V | V | V | | | | V | | | | | | - | - | - | V | - | - | V | - | - | V | |
| n71 | V | V | V | V | V | V | | | | | | | | | | - | - | - | V | - | - | V | - | - | V | | |
| Band edge | n7 | V | - | V | V | V | V | | | | | | | | | | - | V | V | - | V | V | - | V | - | V | |
| | n12 | V | - | V | V | V | V | | | | | | | | | | - | V | V | - | V | V | - | V | - | V | |
| | n13 | V | - | V | V | V | | | | | | | | | | | - | V | V | - | V | V | - | V | - | V | |
| | n14 | V | - | V | V | V | | | | | | | | | | | - | V | V | - | V | V | - | V | - | V | |
| | n25/2 | V | - | V | V | V | V | | | | | | | | | | - | V | V | - | V | V | - | V | - | V | |
| | n26/5 part 22 | V | - | V | V | V | V | | | | | | | | | | - | V | V | - | V | V | - | V | - | V | |
| | n26 part 22 | V | - | V | V | V | | | | | | | | | | | - | V | V | - | V | V | - | V | - | V | |
| | n66 | V | - | V | V | V | V | | | | V | | | | | | - | V | V | - | V | V | - | V | - | V | |
| n71 | V | - | V | V | V | V | | | | | | | | | | - | V | V | - | V | V | - | V | - | V | | |
| Spurious at antenna terminal & Radiated Spurious Emissions | n7 | V | V | V | | | | | | | | | | | | | Worst case | | | | | | | | | | |
| | n12 | V | V | V | | | | | | | | | | | | | Worst case | | | | | | | | | | |
| | n13 | V | V | V | | | | | | | | | | | | | Worst case | | | | | | | | | | |
| | n14 | V | V | V | | | | | | | | | | | | | Worst case | | | | | | | | | | |
| | n25/2 | V | V | V | | | | | | | | | | | | | Worst case | | | | | | | | | | |
| | n26/5 part 22 | V | V | V | | | | | | | | | | | | | Worst case | | | | | | | | | | |
| | n26 part 22 | | | | | | | | | | | | | | | | Worst case | | | | | | | | | | |
| | n66 | V | V | V | | | | | | | | | | | | | Worst case | | | | | | | | | | |
| n71 | V | V | V | | | | | | | | | | | | | Worst case | | | | | | | | | | | |



ENDC

| Test Items | NR Band | Test Channel | | | Bandwidth (MHz) | | | | | | | | | | | Modulation DFTS-OFDM | | | | Modulation CP-OFDM | | | RB # | | | | |
|----------------------------|---------|--------------|-----|------|-----------------|----|----|----|----|----|----|----|----|----|----|----------------------|------|------|-------|--------------------|------|-------|-------|---|------|------|--|
| | | Low | Mid | High | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 80 | 90 | 100 | BPSK | QPSK | 16QAM | 64QAM | QPSK | 16QAM | 64QAM | 1 | Half | Full | |
| Conducted Output Power | n2 | V | V | V | V | V | V | V | | | | | | | | | V | V | - | - | - | - | - | V | - | - | |
| | n5 | V | V | V | V | V | V | V | | | | | | | | | V | V | - | - | - | - | - | V | - | - | |
| | n7 | V | V | V | V | V | V | V | | | | | | | | | V | V | - | - | - | - | - | V | - | - | |
| | n12 | V | V | V | V | V | V | | | | | | | | | | V | V | - | - | - | - | - | V | - | - | |
| | n13 | V | V | V | V | V | | | | | | | | | | | V | V | - | - | - | - | - | V | - | - | |
| | n25 | V | V | V | V | V | V | V | | | | | | | | | V | V | - | - | - | - | - | V | - | - | |
| | n66 | V | V | V | V | V | V | V | | | | V | | | | | V | V | - | - | - | - | - | V | - | - | |
| | n71 | V | V | V | V | V | V | V | | | | | | | | | V | V | - | - | - | - | - | V | - | - | |
| Spurious Radiated Emission | n2 | V | V | V | Worst case | | | | | | | | | | | | | | | | | | | | | | |
| | n5 | V | V | V | Worst case | | | | | | | | | | | | | | | | | | | | | | |
| | n7 | V | V | V | Worst case | | | | | | | | | | | | | | | | | | | | | | |
| | n12 | V | V | V | Worst case | | | | | | | | | | | | | | | | | | | | | | |
| | n13 | V | V | V | Worst case | | | | | | | | | | | | | | | | | | | | | | |
| | n25 | V | V | V | Worst case | | | | | | | | | | | | | | | | | | | | | | |
| | n66 | V | V | V | Worst case | | | | | | | | | | | | | | | | | | | | | | |
| | n71 | V | V | V | Worst case | | | | | | | | | | | | | | | | | | | | | | |

Note;

- All measurement was performed with 1RB or FULL RB or both, we chosen RB condition for each test items as worst case.

Radiated Emission Test

| NR Band | SCS (kHz) | Bandwidth (MHz) | Modulation | Resource Block Allocation |
|---------------|-----------|-----------------|------------------|---------------------------|
| | | | | RBs allocated |
| n7 | 15 | 5 | DFTS OFDM - QPSK | 1 |
| n12 | 15 | 15 | DFTS OFDM - QPSK | 1 |
| n13 | 15 | 10 | DFTS OFDM - QPSK | 1 |
| n14 | 15 | 10 | DFTS OFDM - QPSK | 1 |
| n25/2 | 15 | 10 | DFTS OFDM - QPSK | 1 |
| n26/5_Part 22 | 15 | 10 | DFTS OFDM - QPSK | 1 |
| n26_Part 90 | 15 | 10 | DFTS OFDM - QPSK | 1 |
| n66 | 15 | 5 | DFTS OFDM - QPSK | 1 |
| n71 | 15 | 15 | DFTS OFDM - QPSK | 1 |

ENDC

| NR Band | SCS (kHz) | Bandwidth (MHz) | Modulation | Resource Block Allocation |
|----------|-----------|-----------------|------------------|---------------------------|
| | | | | RBs allocated |
| 5A-n2A | 15 | 5-15 | DFTS OFDM - BPSK | 1 |
| 7A-n5A | 15 | 20-15 | DFTS OFDM - BPSK | 1 |
| 5A-n7A | 15 | 5-20 | DFTS OFDM - BPSK | 1 |
| 66A-n12A | 15 | 15-15 | DFTS OFDM - QPSK | 1 |
| 66A-n13A | 15 | 15-5 | DFTS OFDM - BPSK | 1 |
| 12A-n25A | 15 | 10-15 | DFTS OFDM - BPSK | 1 |
| 5A-n66A | 15 | 5-40 | DFTS OFDM - BPSK | 1 |
| 66A-n71A | 15 | 15-10 | DFTS OFDM - BPSK | 1 |

1.13. Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

| Parameter | Uncertainty | |
|------------------------------------|-------------|---------|
| RF Output Power | 0.32 dB | |
| Occupied Bandwidth | 3.90 kHz | |
| Conducted Spurious Emissions | 0.61 dB | |
| Peak to Average Ratio | 0.60 dB | |
| Frequency Stability | 5.97 kHz | |
| Radiated Emission, 9 kHz to 30 MHz | H | 3.40 dB |
| | V | 3.40 dB |
| Radiated Emission, below 1 GHz | H | 4.50 dB |
| | V | 5.10 dB |
| Radiated Emission, above 1 GHz | H | 3.70 dB |
| | V | 3.90 dB |

All measurement uncertainty values are shown with a coverage factor of $k=2$ to indicate a 95 % level of confidence.

1.14. Test Report Revision

| Revision | Report Number | Date of Issue | Description |
|----------|----------------------|---------------|-------------|
| 0 | F690501-RF-RTL003821 | 2023.02.16 | Initial |

1.15. Antenna Information

| Band | Operating Frequency (MHz) | Antenna Peak Gain (dB i) |
|---------|------------------------------|--------------------------|
| NR 7 | 2 500 ~ 2 570 | 5.99 |
| NR 12 | 699 ~ 716 | -1.05 |
| NR 13 | 777 ~ 787 | -0.53 |
| NR 14 | 788 ~ 798 | -0.53 |
| NR 25/2 | 1 850 ~ 1 915 | 5.12 |
| NR 26 | 814 ~ 824 | 0.37 |
| NR 26/5 | 824 ~ 849 | 0.37 |
| NR 66 | 1 710 ~ 1 780 | 5.54 |
| NR 71 | 663 ~ 698 | 0.37 |

1.16. Emission Designator and Max Power

| NR Band | Band width (MHz) | Modulation | | Low Freq. (MHz) | Upper Freq. (MHz) | Conducted Average (dB m) | Ant. Gain (dB i) | E.I.R.P. Average (dB m) | E.I.R.P. Average (W) | Emission Designator | | | |
|---------|------------------|------------|-----------|-----------------|-------------------|--------------------------|------------------|-------------------------|----------------------|---------------------|---------|-------|---------|
| n7 | 5 | DFTS-OFDM | BPSK | 2 502.5 | 2 567.5 | 23.93 | 5.99 | 29.92 | 0.982 | 4M48G7D | | | |
| | | | QPSK | | | 24.05 | | 30.04 | 1.009 | 4M50G7D | | | |
| | | | 16QAM | | | 22.88 | | 28.87 | 0.771 | 4M49D7D | | | |
| | | CP-OFDM | QPSK | | | 22.49 | | 28.48 | 0.705 | 4M49G7D | | | |
| | | | 16QAM | | | 21.88 | | 27.87 | 0.612 | 4M51D7D | | | |
| | | | DFTS-OFDM | | | BPSK | | 23.83 | 29.82 | 0.959 | 8M93G7D | | |
| | 10 | DFTS-OFDM | QPSK | 2 505 | 2 565 | 23.85 | | 29.84 | 0.964 | 8M93G7D | | | |
| | | | 16QAM | | | 22.69 | | 28.68 | 0.738 | 8M93D7D | | | |
| | | | CP-OFDM | | | QPSK | | 22.33 | 28.32 | 0.679 | 9M29G7D | | |
| | | 16QAM | 21.77 | | | 27.76 | | 0.597 | 9M27D7D | | | | |
| | | 15 | DFTS-OFDM | | | BPSK | | 2 507.5 | 2 562.5 | 23.94 | 29.93 | 0.984 | 13M5G7D |
| | | | | | | QPSK | | | | 23.95 | 29.94 | 0.986 | 13M5G7D |
| | 16QAM | | 22.89 | 28.88 | 0.773 | 13M5D7D | | | | | | | |
| | CP-OFDM | | QPSK | 22.50 | 28.49 | 0.706 | | | | 14M2G7D | | | |
| | 16QAM | 21.88 | 27.87 | 0.612 | 14M1D7D | | | | | | | | |
| | 20 | DFTS-OFDM | BPSK | 2 510 | 2 560 | 23.95 | | 29.94 | 0.986 | 17M9G7D | | | |
| | | | QPSK | | | 24.01 | | 30.00 | 1.000 | 17M9G7D | | | |
| | | | 16QAM | | | 22.91 | | 28.90 | 0.776 | 17M9D7D | | | |
| | | CP-OFDM | QPSK | | | 22.49 | | 28.48 | 0.705 | 18M9G7D | | | |
| | | | 16QAM | | | 22.04 | | 28.03 | 0.635 | 18M9D7D | | | |

| NR Band | Band width (MHz) | Modulation | | Low Freq. (MHz) | Upper Freq. (MHz) | Conducted Average (dB m) | Ant. Gain (dB i) | E.R.P. Average (dB m) | E.R.P. Average (W) | Emission Designator | | | |
|---------|------------------|------------|-----------|-----------------|-------------------|--------------------------|------------------|-----------------------|--------------------|---------------------|---------|-------|---------|
| n12 | 5 | DFTS-OFDM | BPSK | 701.5 | 713.5 | 24.65 | -1.05 | 21.45 | 0.140 | 4M49G7D | | | |
| | | | QPSK | | | 24.60 | | 21.40 | 0.138 | 4M49G7D | | | |
| | | | 16QAM | | | 23.55 | | 20.35 | 0.108 | 4M48D7D | | | |
| | | CP-OFDM | QPSK | | | 23.20 | | 20.00 | 0.100 | 4M50G7D | | | |
| | | | 16QAM | | | 22.70 | | 19.50 | 0.089 | 4M50D7D | | | |
| | | | DFTS-OFDM | | | BPSK | | 24.57 | 21.37 | 0.137 | 8M91G7D | | |
| | 10 | DFTS-OFDM | QPSK | 704 | 711 | 24.56 | | 21.36 | 0.137 | 8M93G7D | | | |
| | | | 16QAM | | | 23.49 | | 20.29 | 0.107 | 8M95D7D | | | |
| | | | CP-OFDM | | | QPSK | | 23.03 | 19.83 | 0.096 | 9M31G7D | | |
| | | 16QAM | 22.58 | | | 19.38 | | 0.087 | 9M27D7D | | | | |
| | | 15 | DFTS-OFDM | | | BPSK | | 706.5 | 708.5 | 24.78 | 21.58 | 0.144 | 13M5G7D |
| | | | | | | QPSK | | | | 24.79 | 21.59 | 0.144 | 13M4G7D |
| | 16QAM | | 23.76 | 20.56 | 0.114 | 13M5D7D | | | | | | | |
| | CP-OFDM | | QPSK | 23.24 | 20.04 | 0.101 | | | | 14M2G7D | | | |
| | | 16QAM | 22.84 | 19.64 | 0.092 | 14M1D7D | | | | | | | |

| NR Band | Band width (MHz) | Modulation | | Low Freq. (MHz) | Upper Freq. (MHz) | Conducted Average (dB m) | Ant. Gain (dB i) | E.R.P. Average (dB m) | E.R.P. Average (W) | Emission Designator |
|---------|------------------|------------|-------|-----------------|-------------------|--------------------------|------------------|-----------------------|--------------------|---------------------|
| | | | | | | | | | | |
| n13 | 5 | DFTS-OFDM | BPSK | 779.5 | 784.5 | 24.70 | -0.53 | 22.02 | 0.159 | 4M50G7D |
| | | | QPSK | | | 24.65 | | 21.97 | 0.157 | 4M49G7D |
| | | | 16QAM | | | 23.56 | | 20.88 | 0.122 | 4M48D7D |
| | | CP-OFDM | QPSK | | | 23.01 | | 20.33 | 0.108 | 4M50G7D |
| | | | 16QAM | | | 22.44 | | 19.76 | 0.095 | 4M51D7D |
| | | | 10 | | | DFTS-OFDM | | BPSK | 782 | 782 |
| | QPSK | 24.78 | | 22.10 | 0.162 | | | 8M93G7D | | |
| | 16QAM | 23.16 | | 20.48 | 0.112 | | | 8M91D7D | | |
| | CP-OFDM | QPSK | | 22.92 | 20.24 | 0.106 | | 9M27G7D | | |
| | | 16QAM | | 22.44 | 19.76 | 0.095 | | 9M25D7D | | |
| | | | | | | | | | | |

| NR Band | Band width (MHz) | Modulation | | Low Freq. (MHz) | Upper Freq. (MHz) | Conducted Average (dB m) | Ant. Gain (dB i) | E.R.P. Average (dB m) | E.R.P. Average (W) | Emission Designator |
|---------|------------------|------------|-------|-----------------|-------------------|--------------------------|------------------|-----------------------|--------------------|---------------------|
| | | | | | | | | | | |
| n14 | 5 | DFTS-OFDM | BPSK | 790.5 | 795.5 | 24.61 | -0.53 | 21.93 | 0.156 | 4M49G7D |
| | | | QPSK | | | 24.73 | | 22.05 | 0.160 | 4M48G7D |
| | | | 16QAM | | | 23.63 | | 20.95 | 0.124 | 4M48D7D |
| | | CP-OFDM | QPSK | | | 23.18 | | 20.50 | 0.112 | 4M51G7D |
| | | | 16QAM | | | 22.69 | | 20.01 | 0.100 | 4M49D7D |
| | | | 10 | | | DFTS-OFDM | | BPSK | 793 | 793 |
| | QPSK | 24.90 | | 22.22 | 0.167 | | | 8M93G7D | | |
| | 16QAM | 24.08 | | 21.40 | 0.138 | | | 8M95D7D | | |
| | CP-OFDM | QPSK | | 23.03 | 20.35 | 0.108 | | 9M29G7D | | |
| | | 16QAM | | 22.54 | 19.86 | 0.097 | | 9M27D7D | | |
| | | | | | | | | | | |

| NR Band | Band width (MHz) | Modulation | | Low Freq. (MHz) | Upper Freq. (MHz) | Conducted Average (dB m) | Ant. Gain (dB i) | E.I.R.P. Average (dB m) | E.I.R.P. Average (W) | Emission Designator |
|---------|------------------|------------|-------|-----------------|-------------------|--------------------------|------------------|-------------------------|----------------------|---------------------|
| | | | | | | | | | | |
| n25/2 | 5 | DFTS-OFDM | BPSK | 1 852.5 | 1 912.5 | 23.47 | 5.12 | 28.59 | 0.723 | 4M49G7D |
| | | | QPSK | | | 23.49 | | 28.61 | 0.726 | 4M49G7D |
| | | | 16QAM | | | 22.43 | | 27.55 | 0.569 | 4M48D7D |
| | | CP-OFDM | QPSK | | | 22.01 | | 27.13 | 0.516 | 4M51G7D |
| | | | 16QAM | | | 21.55 | | 26.67 | 0.465 | 4M50D7D |
| | | | 10 | | | DFTS-OFDM | | BPSK | 1 855 | 1 910 |
| | QPSK | 23.67 | | 28.79 | 0.757 | | | 8M93G7D | | |
| | 16QAM | 22.68 | | 27.80 | 0.603 | | | 8M93D7D | | |
| | CP-OFDM | QPSK | | 22.10 | 27.22 | 0.527 | | 9M29G7D | | |
| | | 16QAM | | 21.57 | 26.69 | 0.467 | | 9M27D7D | | |
| | | 15 | | DFTS-OFDM | BPSK | 1 857.5 | | 1 907.5 | | |
| | QPSK | | 23.61 | | 28.73 | | | | 0.746 | 13M6G7D |
| | 16QAM | | 22.63 | | 27.75 | | | | 0.596 | 13M5D7D |
| | CP-OFDM | | QPSK | 22.21 | 27.33 | | | | 0.541 | 14M2G7D |
| | | | 16QAM | 21.70 | 26.82 | | | | 0.481 | 14M1D7D |
| | | | 20 | DFTS-OFDM | BPSK | | | | 1 860 | 1 905 |
| | QPSK | 23.59 | | | 28.71 | 0.743 | | 17M8G7D | | |
| | 16QAM | 22.59 | | | 27.71 | 0.590 | | 17M9D7D | | |
| | CP-OFDM | QPSK | | 22.10 | 27.22 | 0.527 | | 18M9G7D | | |
| | | 16QAM | | 21.66 | 26.78 | 0.476 | | 18M9D7D | | |
| | | | | | | | | | | |

| NR Band | Band width (MHz) | Modulation | | Low Freq. (MHz) | Upper Freq. (MHz) | Conducted Average (dB m) | Ant. Gain (dB i) | E.R.P. Average (dB m) | E.R.P. Average (W) | Emission Designator |
|---------------|------------------|------------|-------|-----------------|-------------------|--------------------------|------------------|-----------------------|--------------------|---------------------|
| | | | | | | | | | | |
| n26/5 part 22 | 5 | DFTS-OFDM | BPSK | 826.5 | 846.5 | 24.29 | 0.37 | 22.51 | 0.178 | 4M47G7D |
| | | | QPSK | | | 24.32 | | 22.54 | 0.179 | 4M49G7D |
| | | | 16QAM | | | 23.35 | | 21.57 | 0.144 | 4M48D7D |
| | | CP-OFDM | QPSK | | | 22.89 | | 21.11 | 0.129 | 4M49G7D |
| | | | 16QAM | | | 22.38 | | 20.60 | 0.115 | 4M51D7D |
| | | | | | | | | | | |
| | 10 | DFTS-OFDM | BPSK | 829 | 844 | 24.46 | | 22.68 | 0.185 | 8M93G7D |
| | | | QPSK | | | 24.55 | | 22.77 | 0.189 | 8M93G7D |
| | | | 16QAM | | | 23.50 | | 21.72 | 0.149 | 8M93D7D |
| | | CP-OFDM | QPSK | | | 22.94 | | 21.16 | 0.131 | 9M29G7D |
| | | | 16QAM | | | 22.45 | | 20.67 | 0.117 | 9M27D7D |
| | | | | | | | | | | |
| | 15 | DFTS-OFDM | BPSK | 831.5 | 841.5 | 24.51 | | 22.73 | 0.187 | 13M5G7D |
| | | | QPSK | | | 24.54 | | 22.76 | 0.189 | 13M5G7D |
| | | | 16QAM | | | 23.37 | | 21.59 | 0.144 | 13M5D7D |
| | | CP-OFDM | QPSK | | | 22.99 | | 21.21 | 0.132 | 14M1G7D |
| | | | 16QAM | | | 22.46 | | 20.68 | 0.117 | 14M1D7D |
| | | | | | | | | | | |
| | 20 | DFTS-OFDM | BPSK | 834 | 839 | 24.46 | | 22.68 | 0.185 | 17M8G7D |
| | | | QPSK | | | 24.45 | | 22.67 | 0.185 | 17M9G7D |
| 16QAM | | | 23.34 | | | 21.56 | 0.143 | 17M9D7D | | |
| CP-OFDM | | QPSK | 22.98 | | | 21.20 | 0.132 | 18M9G7D | | |
| | | 16QAM | 22.37 | | | 20.59 | 0.115 | 18M9D7D | | |
| | | | | | | | | | | |

| NR Band | Band width (MHz) | Modulation | | Low Freq. (MHz) | Upper Freq. (MHz) | Conducted Average (dB m) | Ant. Gain (dB i) | E.R.P. Average (dB m) | E.R.P. Average (W) | Emission Designator |
|-------------|------------------|------------|-------|-----------------|-------------------|--------------------------|------------------|-----------------------|--------------------|---------------------|
| | | | | | | | | | | |
| n26 part 90 | 5 | DFTS-OFDM | BPSK | 816.5 | 821.5 | 24.43 | 0.37 | 22.65 | 0.184 | 4M49G7D |
| | | | QPSK | | | 24.37 | | 22.59 | 0.182 | 4M48G7D |
| | | | 16QAM | | | 23.51 | | 21.73 | 0.149 | 4M49D7D |
| | | CP-OFDM | QPSK | | | 22.97 | | 21.19 | 0.132 | 4M52G7D |
| | | | 16QAM | | | 22.42 | | 20.64 | 0.116 | 4M51D7D |
| | | | | | | | | | | |
| | 10 | DFTS-OFDM | BPSK | 819 | 819 | 24.46 | | 22.68 | 0.185 | 8M91G7D |
| | | | QPSK | | | 24.47 | | 22.69 | 0.186 | 8M91G7D |
| | | | 16QAM | | | 23.44 | | 21.66 | 0.147 | 8M95D7D |
| | | CP-OFDM | QPSK | | | 22.93 | | 21.15 | 0.130 | 9M27G7D |
| | | | 16QAM | | | 22.54 | | 20.76 | 0.119 | 9M25D7D |
| | | | | | | | | | | |

| NR Band | Band width (MHz) | Modulation | | Low Freq. (MHz) | Upper Freq. (MHz) | Conducted Average (dB m) | Ant. Gain (dB i) | E.I.R.P. Average (dB m) | E.I.R.P. Average (W) | Emission Designator |
|---------|------------------|------------|-------|-----------------|-------------------|--------------------------|------------------|-------------------------|----------------------|---------------------|
| | | | | | | | | | | |
| n66 | 5 | DFTS-OFDM | BPSK | 1 712.5 | 1 777.5 | 22.82 | 5.54 | 28.36 | 0.685 | 4M50G7D |
| | | | QPSK | | | 22.95 | | 28.49 | 0.706 | 4M48G7D |
| | | | 16QAM | | | 21.72 | | 27.26 | 0.532 | 4M49D7D |
| | | CP-OFDM | QPSK | | | 21.14 | | 26.68 | 0.466 | 4M50G7D |
| | | | 16QAM | | | 20.71 | | 26.25 | 0.422 | 4M50D7D |
| | | | 10 | | | DFTS-OFDM | | BPSK | 1 715 | 1 775 |
| | QPSK | 22.82 | | 28.36 | 0.685 | | | 8M93G7D | | |
| | 16QAM | 21.73 | | 27.27 | 0.533 | | | 8M93D7D | | |
| | CP-OFDM | QPSK | | 21.24 | 26.78 | 0.476 | | 9M29G7D | | |
| | | 16QAM | | 20.81 | 26.35 | 0.432 | | 9M27D7D | | |
| | | 15 | | DFTS-OFDM | BPSK | 1 717.5 | | 1 772.5 | | |
| | QPSK | | 22.92 | | 28.46 | | | | 0.701 | 13M5G7D |
| | 16QAM | | 21.82 | | 27.36 | | | | 0.545 | 13M5D7D |
| | CP-OFDM | | QPSK | 21.30 | 26.84 | | | | 0.483 | 14M2G7D |
| | | | 16QAM | 20.91 | 26.45 | | | | 0.442 | 14M1D7D |
| | | | 20 | DFTS-OFDM | BPSK | | | | 1 720 | 1 770 |
| | QPSK | 22.95 | | | 28.49 | 0.706 | | 17M9G7D | | |
| | 16QAM | 21.94 | | | 27.48 | 0.560 | | 17M9D7D | | |
| | CP-OFDM | QPSK | | 21.44 | 26.98 | 0.499 | | 18M9G7D | | |
| | | 16QAM | | 20.91 | 26.45 | 0.442 | | 18M9D7D | | |
| | | 40 | | DFTS-OFDM | BPSK | 1 730 | | 1 760 | | |
| | QPSK | | 22.92 | | 28.46 | | | | 0.701 | 38M9G7D |
| | 16QAM | | 21.94 | | 27.48 | | | | 0.560 | 38M8D7D |
| | CP-OFDM | | QPSK | 21.48 | 27.02 | | | | 0.504 | 38M8G7D |
| 16QAM | | | 20.90 | 26.44 | 0.441 | | 38M8D7D | | | |

| NR Band | Band width (MHz) | Modulation | | Low Freq. (MHz) | Upper Freq. (MHz) | Conducted Average (dB m) | Ant. Gain (dB i) | E.R.P. Average (dB m) | E.R.P. Average (W) | Emission Designator |
|---------|------------------|------------|-------|-----------------|-------------------|--------------------------|------------------|-----------------------|--------------------|---------------------|
| | | | | | | | | | | |
| n71 | 5 | DFTS-OFDM | BPSK | 665.5 | 695.5 | 24.46 | 0.37 | 22.68 | 0.185 | 4M49G7D |
| | | | QPSK | | | 24.44 | | 22.66 | 0.185 | 4M49G7D |
| | | | 16QAM | | | 23.39 | | 21.61 | 0.145 | 4M48D7D |
| | | CP-OFDM | QPSK | | | 22.98 | | 21.20 | 0.132 | 4M50G7D |
| | | | 16QAM | | | 22.37 | | 20.59 | 0.115 | 4M49D7D |
| | | | 10 | | | DFTS-OFDM | | BPSK | 668 | 693 |
| | QPSK | 24.33 | | 22.55 | 0.180 | | | 8M93G7D | | |
| | 16QAM | 23.33 | | 21.55 | 0.143 | | | 8M93D7D | | |
| | CP-OFDM | QPSK | | 22.94 | 21.16 | 0.131 | | 9M29G7D | | |
| | | 16QAM | | 22.29 | 20.51 | 0.112 | | 9M27D7D | | |
| | | 15 | | DFTS-OFDM | BPSK | 670.5 | | 690.5 | | |
| | QPSK | | 24.51 | | 22.73 | | | | 0.187 | 13M5G7D |
| | 16QAM | | 23.49 | | 21.71 | | | | 0.148 | 13M5D7D |
| | CP-OFDM | | QPSK | 22.97 | 21.19 | | | | 0.132 | 14M2G7D |
| | | | 16QAM | 22.40 | 20.62 | | | | 0.115 | 14M1D7D |
| | | | 20 | DFTS-OFDM | BPSK | | | | 673 | 688 |
| | QPSK | 24.46 | | | 22.68 | 0.185 | | 17M8G7D | | |
| | 16QAM | 23.47 | | | 21.69 | 0.148 | | 17M9D7D | | |
| | CP-OFDM | QPSK | | 22.86 | 21.08 | 0.128 | | 18M9G7D | | |
| | | 16QAM | | 22.40 | 20.62 | 0.115 | | 18M9D7D | | |

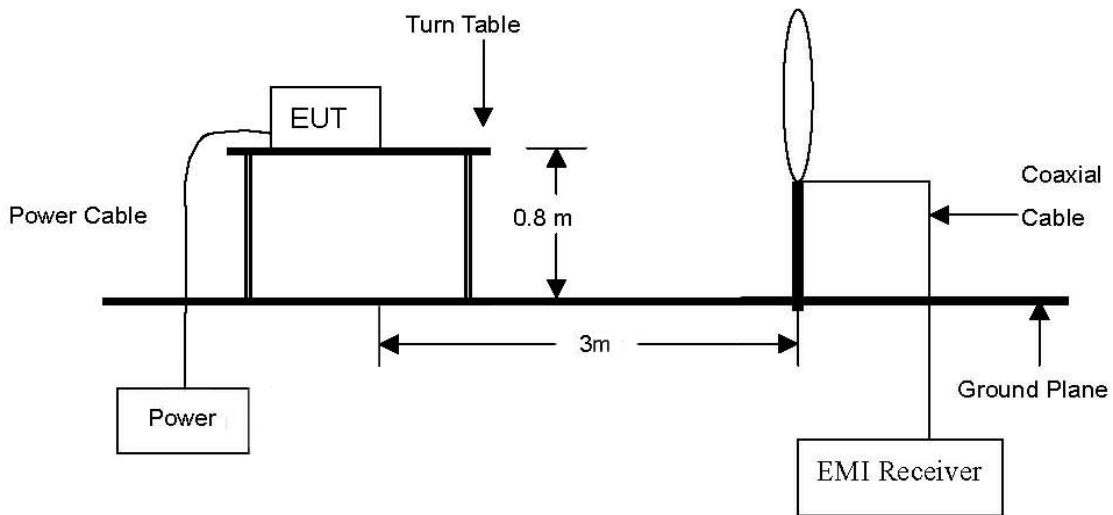
1.17. Information of Variant Model

| Model Name | | Description |
|---------------|-------------|-----------------------------------------------------------------------------|
| Basic Model | TM05FNNAGM0 | - Dual GNSS |
| Variant Model | TM05FNNAGM1 | - Same RF circuit and PCB as basic model, except GNSS part - Single GNSS |

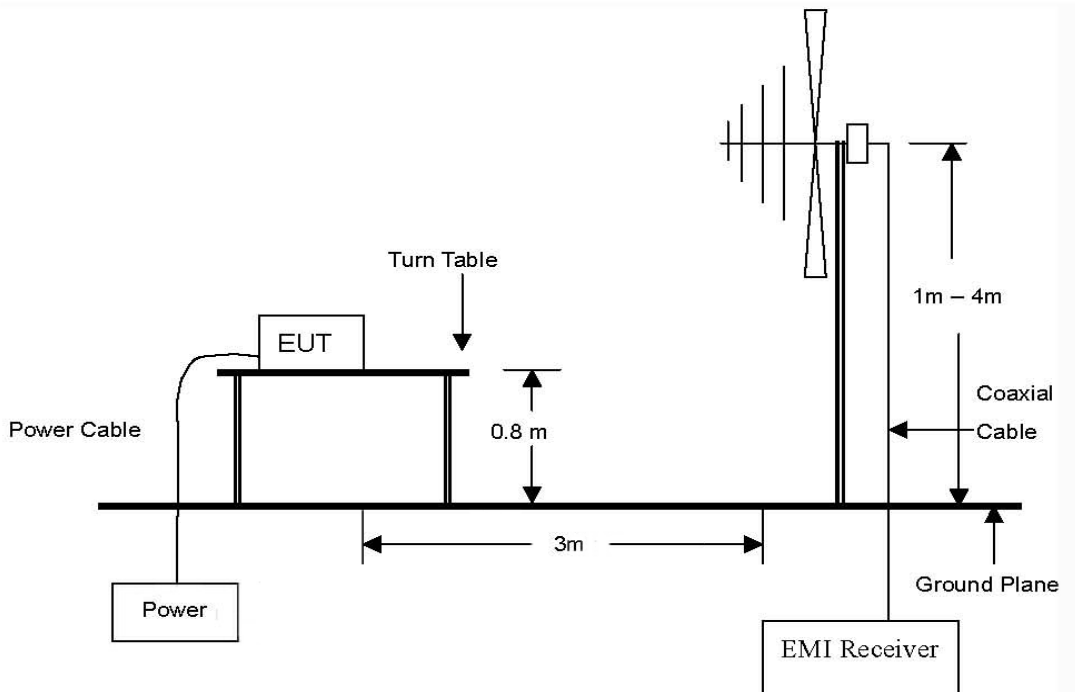
2. E.R.P. / E.I.R.P. & Radiated Spurious Emissions

2.1. Test setup

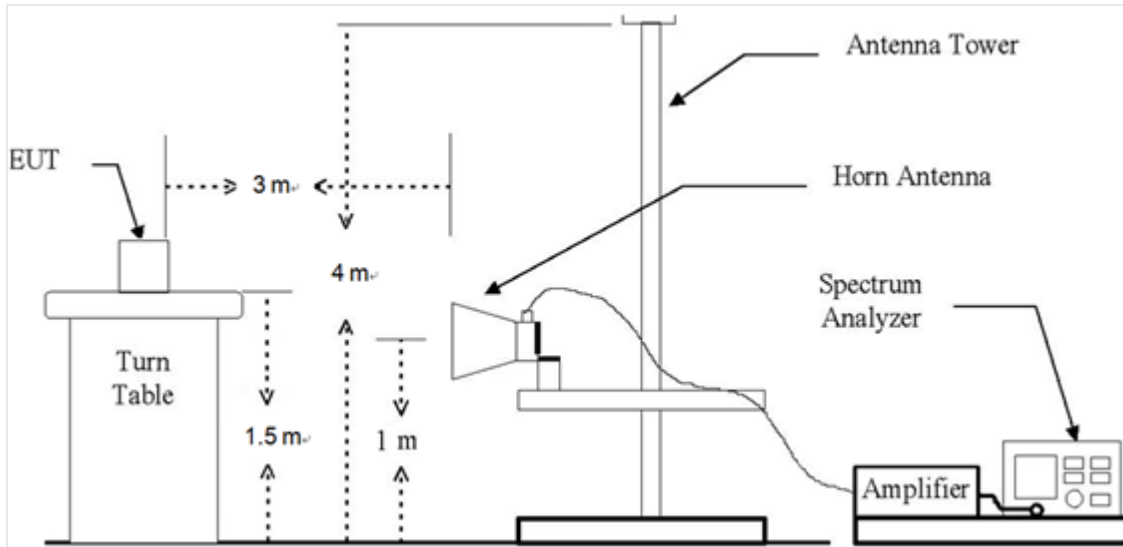
The diagram below shows the test setup that is utilized to make the measurements for emission from 9 kHz to 30 MHz.



The diagram below shows the test setup that is utilized to make the measurements for emission from 30 MHz to 1 GHz Emissions.



The diagram below shows the test setup that is utilized to make the measurements for emission from 1 GHz to 27 GHz Emissions.



2.2. Limit

2.2.1. Limit of E.R.P. / E.I.R.P.

FCC

- §22.913(a)(5), the ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.
- §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.
- §27.50(b)(10), Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP.
- §27.50(c)(10), portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.
- §27.50(d)(4), fixed, mobile, and portable (hand-held) stations operating in the 1 710-1 755 MHz band and mobile and portable stations operating in the 1 695-1 710 MHz and 1 755-1 780 MHz bands are limited to 1 watt EIRP.
- §27.50(h)(2), 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.
- §90.635(b), the maximum output power of the transmitter for mobile stations is 100 watts (20 dBW).
- §90.542(a)(7), Portable stations (hand-held devices) transmitting in the 758-768 MHz band and the 788-798 MHz band are limited to 3 watts ERP.

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4.6.2, the e.r.p. shall not exceed 3 watts for mobile equipment, fixed subscriber equipment and portable equipment.

For base and fixed equipment other than fixed subscriber equipment, refer to SRSP-518 for the equivalent isotropically radiated power (e.i.r.p.) limits.

4.6.3, the e.r.p. shall not exceed 30 watts for mobile equipment and outdoor fixed subscriber equipment. The e.r.p. shall not exceed 3 watts for portable equipment and indoor fixed subscriber equipment.

For base and fixed equipment other than fixed subscriber equipment, refer to SRSP-518 for the e.i.r.p. limits.

- RSS-132 Issue 3

5.4, the transmitter output power shall be measured in terms of average power.

The equivalent isotropically radiated power (e.i.r.p.) for mobile equipment shall not exceed 11.5 watts.

Refer to SRSP-503 for base station e.i.r.p. limits.

- RSS-133 Issue 6

6.4, the equivalent isotropically radiated power (e.i.r.p.) for transmitters shall not exceed the limits given in SRSP-510. Mobile stations and hand-held portables are limited to 2 watts maximum e.i.r.p. The equipment shall employ means to limit the power to the minimum necessary for successful communication.

- RSS-139 Issue 3

6.5, the equivalent isotropically radiated power (e.i.r.p.) for mobile and portable transmitters shall not exceed one watt. The e.i.r.p. for fixed and base stations in the band 1 710-1 780 MHz shall not exceed one watt.

- RSS-140 Issue 1

4.3, The equivalent radiated power (e.r.p.) for control and mobile equipment shall not exceed 30 W. The e.r.p. for portable equipment including handheld devices shall not exceed 3 W.

Fixed and base station equipment shall comply with the e.r.p. limits in SRSP-540.

- RSS-199 Issue 3

4.4, the transmitter output power shall be measured in terms of average value.

For base station equipment, refer to SRSP-517 for the maximum permissible e.i.r.p.

For mobile subscriber equipment, the e.i.r.p. shall not exceed 2 W. For fixed subscriber equipment, the transmitter output power shall not exceed 2 W and the e.i.r.p. shall be limited to 40 W.

2.2.2. Limit of Radiated Spurious Emissions

FCC

- §22.917(a), the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10\log(P)$ dB.
- §24.238(a), the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.
- §27.53(c)(2), on any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB.
- §27.53(f)(2), for operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1 559-1 610 MHz shall be limited to -70 dB W /MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dB W EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.
- §27.53(g), the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB.
- §27.53(h)(1), for operations in the 1 695-1 710 MHz, 1 710-1 755 MHz, 1 755-1 780 MHz, 1 915-1 920 MHz, 1 995-2 000 MHz, 2 000-2 020 MHz, 2 110-2 155 MHz, 2 155-2 180 MHz, and 2 180-2 200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB.
- §27.53(m)(4), for mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log_{10} (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log_{10} (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log_{10} (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that $43 + 10 \log_{10} (P)$ dB on all frequencies between 2 490.5 MHz and 2 496 MHz and $55 + 10 \log_{10} (P)$ dB at or below 2 490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2 495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.
- §90.691(a), out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:
 - (1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $116 \text{ Log}_{10} (f / 6.1)$ decibels or $50 + 10 \text{ Log}_{10} (P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.
 - (2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \text{ Log}_{10} (P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

- §90.543(e), for operations in the 758-768 MHz and the 788-798 MHz bands, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

- (1) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than $76 + 10 \log(P)$ dB in a 6.25 kHz band segment, for base and fixed stations.
- (2) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than $65 + 10 \log(P)$ dB in a 6.25 kHz band segment, for mobile and portable stations.
- (3) On any frequency between 775-788 MHz, above 805 MHz, and below 758 MHz, by at least $43 + 10 \log(P)$ dB.
- (4) Compliance with the provisions of paragraphs (e)(1) and (2) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.
- (5) Compliance with the provisions of paragraph (e)(3) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of 30 kHz may be employed.

- §90.543(f), for operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics in the band 1 559-1 610 MHz shall be limited to -70 dB W /MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dB W EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

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- RSS-130 Issue 2

4.7.1, the unwanted emissions in any 100 kHz bandwidth on any frequency outside the low frequency edge and the high frequency edge of each frequency block range(s), shall be attenuated below the transmitter power, P (dB W), by at least $43 + 10 \log_{10} p$ (watts), dB. However, in the 100 kHz band immediately outside of the equipment's frequency block range, a resolution bandwidth of 30 kHz may be employed.

4.7.2, in addition to the limit outlined in section 4.7.1 above, equipment operating in the frequency bands 746-756 MHz and 777-787 MHz shall also comply with the following restrictions:

a) The power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dB W), by at least:

- (i) $76 + 10 \log_{10} p$ (watts), dB, for base and fixed equipment, and
- (ii) $65 + 10 \log_{10} p$ (watts), dB, for mobile and portable equipment.

b) The e.i.r.p. in the band 1 559-1 610 MHz shall not exceed -70 dB W /MHz for wideband signal and -80 dB W for discrete emission with bandwidth less than 700 Hz.

- RSS-132 Issue 3

5.5, Mobile and base station equipment shall comply with the limits in (i) and (ii) below.

(i) In the first 1.0 MHz band immediately outside and adjacent to each of the sub-bands specified in Section 5.1, the power of emissions per any 1 % of the occupied bandwidth shall be attenuated (in dB) below the transmitter output power P (dB W) by at least $43 + 10 \log_{10} p$ (watts).

(ii) After the first 1.0 MHz immediately outside and adjacent to each of the sub-bands, the power of emissions in any 100 kHz bandwidth shall be attenuated (in dB) below the transmitter output power P (dB W) by at least $43 + 10 \log_{10} p$ (watts). If the measurement is performed using 1 % of the occupied bandwidth, power integration over 100 kHz is required.

- RSS-133 Issue 6

6.5, Equipment shall comply with the limits in (i) and (ii) below.

(i) In the 1.0 MHz bands immediately outside and adjacent to the equipment's operating frequency block, the emission power per any 1 % of the emission bandwidth shall be attenuated (in dB) below the transmitter output power P (dB W) by at least $43 + 10 \log_{10} p$ (watts).

(ii) After the first 1.0 MHz, the emission power in any 1 MHz bandwidth shall be attenuated (in dB) below the transmitter output power P (dB W) by at least $43 + 10 \log_{10} p$ (watts). If the measurement is performed using 1 % of the emission bandwidth, power integration over 1.0 MHz is required.

- RSS-139 Issue 3

6.6, (i) In the first 1.0 MHz bands immediately outside and adjacent to the equipment's smallest operating frequency block, which can contain the equipment's occupied bandwidth, the emission power per any 1 % of the emission bandwidth shall be attenuated below the transmitter output power P (in dB W) by at least $43 + 10 \log_{10} p$ (watts) dB.

(ii) After the first 1.0 MHz outside the equipment's smallest operating frequency block, which can contain the equipment's occupied bandwidth, the emission power in any 1 MHz bandwidth shall be attenuated below the transmitter output power P (in dB W) by at least $43 + 10 \log_{10} p$ (watts) dB.

- RSS-140 Issue 1

4.4, The power of any unwanted emission outside the bands 758-768 MHz and 788-798 MHz shall be attenuated below the transmitter output power P in dB W as follows, where p is the transmitter output power in watts:

a) For any frequency between 769-775 MHz and 799-806 MHz:

i) $76 + 10 \log(p)$, dB in a 6.25 kHz band for fixed and base station equipment

ii) $65 + 10 \log(p)$, dB in a 6.25 kHz band for mobile and portable/hand-held equipment

b) For any frequency between 775-788 MHz, above 806 MHz, and below 758 MHz: $43 + 10 \log(p)$, dB in a bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency bands 758-768 MHz and 788-798 MHz, a resolution bandwidth of 30 kHz may be employed.

- RSS-199 Issue 3

4.5, In the 1 MHz band immediately outside and adjacent to the channel edge, the unwanted emission power shall be measured with a resolution bandwidth of at least 1% of the occupied bandwidth for base station and fixed subscriber equipment, and 2% for mobile subscriber equipment. Beyond the 1 MHz band, a resolution bandwidth of 1 MHz shall be used. A narrower resolution bandwidth can be used, provided that the measured power is integrated over the full required measurement bandwidth of 1 MHz, or 1% or 2% of the occupied bandwidth, as applicable.

Equipment shall comply with the following unwanted emission limits:

for base station and fixed subscriber equipment, the power of any unwanted emissions measured as above shall be attenuated (in dB) below the transmitter power, P (dB W), by at least $43 + 10 \log_{10} p$ for mobile subscriber equipment, the power of any unwanted emissions measured as above shall be attenuated (in dB) below the transmitter power, P (dB W), by at least:

- i. $40 + 10 \log_{10} p$ from the channel edges to 5 MHz away
- ii. $43 + 10 \log_{10} p$ between 5 MHz and X MHz from the channel edges, and
- iii. $55 + 10 \log_{10} p$ at X MHz and beyond from the channel edges

In addition, the attenuation shall not be less than $43 + 10 \log_{10} p$ on all frequencies between 2 490.5 MHz and 2 496 MHz, and $55 + 10 \log_{10} p$ at or below 2 490.5 MHz.

In (a) and (b), p is the transmitter power measured in watts and X is 6 MHz or the equipment occupied bandwidth, whichever is greater.

2.3. Test Procedure: Based on ANSI/TIA 603E: 2016 and ANSI C63.26-2015 and KDB 971168 D01 Power Meas License Digital Systems v03r01.

1. On a test site, the EUT shall be placed at 0.8 m or 1.5 m height on a turn table, and in the position close to normal use as declared by the applicant.
2. The test antenna shall be oriented initially for vertical polarization located 3 m from EUT to correspond to the fundamental frequency of the transmitter.
3. The output of the test antenna shall be connected to the measuring receiver and the peak detector is used for the measurement.
4. Radiated spurious emissions measurement method was set as follows:
RBW = 100 kHz for emissions below 1 GHz and 1 MHz for emissions above 1 GHz, VBW \geq 3 x RBW,
Detector = RMS, trace mode = max hold, per the guidelines of KDB 971168 D01 Power Meas License Digital Systems v03r01.
5. The transmitter shall be switched on, the measuring receiver shall be tuned to the frequency of the transmitter under test.
6. The test antenna shall be raised and lowered through the specified range of height until the maximum signal level is detected by the measuring receiver.
7. The transmitter shall be rotated through 360° in the horizontal plane, until the maximum signal level is detected by the measuring receiver.
8. The test antenna shall be raised and lowered again through the specified range of height until the maximum signal level is detected by the measuring receiver.
9. The maximum signal level detected by the measuring receiver shall be noted.
10. In necessary, the input attenuator setting on the measuring receiver shall be adjusted in order to increase the sensitivity of the measuring receiver.
11. The test antenna shall be raised and lowered through the specified range of height to ensure that the maximum signal is received.
12. The measurement shall be repeated with the test antenna orientated for horizontal polarization.

2.4. Test Results

Ambient temperature : (23 ± 1) °C
 Relative humidity : 47 % R.H.

2.4.1. E.R.P. / E.I.R.P.

| Band | Frequency (MHz) | Maximum Conducted Power (dB m) | Maximum Conducted Power (W) | Antenna Gain (dB i) | Maximum E.I.R.P. (dB m) | Maximum E.I.R.P. (W) | Maximum E.R.P. (dB m) | Maximum E.R.P. (W) | Output Power Limit |
|------------------|-----------------|--------------------------------|-----------------------------|---------------------|-------------------------|----------------------|-----------------------|--------------------|--------------------|
| n7 | 2 500 ~ 2 570 | 24.05 | 0.254 | 5.99 | 30.04 | 1.009 | | | 2 W E.I.R.P. |
| n12 | 699 ~ 716 | 24.79 | 0.301 | -1.05 | 23.74 | 0.237 | 21.59 | 0.144 | 3 W E.R.P. |
| n13 | 777 ~ 787 | 24.78 | 0.301 | -0.53 | 24.25 | 0.266 | 22.10 | 0.162 | 7 W E.R.P. |
| n14 | 788 ~ 798 | 24.90 | 0.309 | -0.53 | 24.37 | 0.274 | 22.22 | 0.167 | 30 W E.R.P. |
| n25/2 | 1 850 ~ 1 915 | 23.67 | 0.233 | 5.12 | 28.79 | 0.757 | | | 2 W E.I.R.P. |
| n26/5 Part 22 | 824 ~ 849 | 24.55 | 0.285 | 0.37 | 24.92 | 0.310 | 22.77 | 0.189 | 7 W E.R.P. |
| n26 Part 90 | 814 ~ 824 | 24.47 | 0.280 | 0.37 | 24.84 | 0.305 | 22.69 | 0.186 | 100 W |
| n66 | 1 710 ~ 1 780 | 22.95 | 0.197 | 5.54 | 28.49 | 0.703 | | | 1 W E.I.R.P. |
| n71 | 663 ~ 698 | 24.51 | 0.282 | 0.37 | 24.88 | 0.308 | 22.73 | 0.187 | 3 W E.R.P. |

Remark;

1. E.I.R.P. (dB m) = Maximum Conducted Power (dB m) + Antenna Gain (dB i)
2. E.R.P. (dB m) = E.I.R.P. (dB m) - 2.15 (dB); where E.R.P. and E.I.R.P. are expressed in consistent units.

2.4.2. Radiated Spurious Emissions

NR Band 7 (5 MHz - DFTS-OFDM QPSK)

| Frequency (MHz) | Measured Level (dB μ V) | Ant. Pol. | AF (dB/m) | AMP+CL (dB) | E (dB μ V/m) | CF (dB) | E.I.R.P. (dB m) | Limit (dB m) | Margin (dB) |
|----------------------------|-----------------------------|-----------|-----------|-------------|------------------|---------|-----------------|--------------|-------------|
| Low Channel (2 502.5 MHz) | | | | | | | | | |
| 5 008.82 | 39.85 | V | 33.00 | -28.87 | 43.98 | -95.26 | -51.28 | -25 | 26.28 |
| Above 5 100.00 | Not detected | - | - | - | - | - | - | - | - |
| Middle Channel (2 535 MHz) | | | | | | | | | |
| 5 073.98 | 46.06 | V | 33.10 | -29.38 | 49.78 | -95.26 | -45.48 | -25 | 20.48 |
| Above 5 100.00 | Not detected | - | - | - | - | - | - | - | - |
| High Channel (2 567.5 MHz) | | | | | | | | | |
| 5 138.92 | 48.99 | V | 33.28 | -28.89 | 53.38 | -95.26 | -41.88 | -25 | 16.88 |
| Above 5 200.00 | Not detected | - | - | - | - | - | - | - | - |

NR Band 12 (15 MHz - DFTS-OFDM QPSK)

| Frequency (MHz) | Measured Level (dB μ V) | Ant. Pol. | AF (dB/m) | AMP+CL (dB) | E (dB μ V/m) | CF (dB) | E.R.P. (dB m) | Limit (dB m) | Margin (dB) |
|-----------------------------------|-----------------------------|-----------|-----------|-------------|------------------|---------|---------------|--------------|-------------|
| Low Channel (706.5 MHz) | | | | | | | | | |
| 1 399.28 | 65.69 | H | 25.10 | -37.16 | 53.63 | -97.41 | -43.78 | -13 | 30.78 |
| 2 098.91 | 54.14 | H | 27.50 | -35.30 | 46.34 | -97.41 | -51.07 | -13 | 38.07 |
| 2 099.08 | 58.69 | V | 27.50 | -35.30 | 50.89 | -97.41 | -46.52 | -13 | 33.52 |
| 2 992.50 | 45.69 | V | 29.61 | -33.59 | 41.71 | -97.41 | -55.70 | -13 | 42.70 |
| 3 984.80 | 44.08 | V | 32.03 | -31.24 | 44.87 | -97.41 | -52.54 | -13 | 39.54 |
| Above 4 000.00 | Not detected | - | - | - | - | - | - | - | - |
| Middle Channel (707.5 MHz) | | | | | | | | | |
| 1 401.29 | 65.80 | H | 25.10 | -37.15 | 53.75 | -97.41 | -43.66 | -13 | 30.66 |
| 2 102.07 | 54.05 | H | 27.50 | -35.31 | 46.24 | -97.41 | -51.17 | -13 | 38.17 |
| 2 101.97 | 57.95 | V | 27.50 | -35.31 | 50.14 | -97.41 | -47.27 | -13 | 34.27 |
| 2 992.40 | 44.15 | V | 29.61 | -33.59 | 40.17 | -97.41 | -57.24 | -13 | 44.24 |
| 3 984.54 | 43.89 | V | 32.03 | -31.24 | 44.68 | -97.41 | -52.73 | -13 | 39.73 |
| Above 4 000.00 | Not detected | - | - | - | - | - | - | - | - |
| High Channel (708.5 MHz) | | | | | | | | | |
| 1 403.32 | 65.92 | H | 25.09 | -37.15 | 53.86 | -97.41 | -43.55 | -13 | 30.55 |
| 2 104.80 | 52.06 | H | 27.51 | -35.31 | 44.26 | -97.41 | -53.15 | -13 | 40.15 |
| 2 104.91 | 57.50 | V | 27.51 | -35.31 | 49.70 | -97.41 | -47.71 | -13 | 34.71 |
| 2 993.02 | 46.18 | V | 29.62 | -33.59 | 42.21 | -97.41 | -55.20 | -13 | 42.20 |
| 3 984.55 | 44.01 | V | 32.03 | -31.24 | 44.80 | -97.41 | -52.61 | -13 | 39.61 |
| Above 4 000.00 | Not detected | - | - | - | - | - | - | - | - |

NR Band 13 (10 MHz - DFTS-OFDM QPSK)

| Frequency (MHz) | Measured Level (dB μ V) | Ant. Pol. | AF (dB/m) | AMP+CL (dB) | E (dB μ V/m) | CF (dB) | E.R.P. / E.I.R.P. (dB m) | Limit (dB m) | Margin (dB) |
|--------------------------|-----------------------------|-----------|-----------|-------------|------------------|---------|--------------------------|--------------|-------------|
| Middle Channel (782 MHz) | | | | | | | | | |
| 1 564.22 | 63.29 | H | 25.36 | -36.68 | 51.97 | -95.26 | -43.29 | -40 | 3.29 |
| 2 346.37 | 57.61 | H | 27.80 | -34.57 | 50.84 | -97.41 | -46.57 | -13 | 33.57 |
| 2 346.27 | 58.24 | V | 27.80 | -34.57 | 51.47 | -97.41 | -45.94 | -13 | 32.94 |
| 3 910.16 | 46.06 | V | 32.18 | -31.63 | 46.61 | -97.41 | -50.80 | -13 | 37.80 |
| Above 4 000.00 | Not detected | - | - | - | - | - | - | - | - |

NR Band 14 (10 MHz - DFTS-OFDM QPSK)

| Frequency (MHz) | Measured Level (dB μ V) | Ant. Pol. | AF (dB/m) | AMP+CL (dB) | E (dB μ V/m) | CF (dB) | E.R.P. / E.I.R.P. (dB m) | Limit (dB m) | Margin (dB) |
|--------------------------|-----------------------------|-----------|-----------|-------------|------------------|---------|--------------------------|--------------|-------------|
| Middle Channel (793 MHz) | | | | | | | | | |
| 1 586.13 | 53.51 | H | 25.44 | -36.56 | 42.39 | -95.26 | -52.87 | -40 | 12.87 |
| 1 586.07 | 47.27 | H | 25.44 | -36.56 | 36.15 | -95.26 | -59.11 | -40 | 19.11 |
| 2 379.20 | 54.01 | V | 27.98 | -34.56 | 47.43 | -97.41 | -49.98 | -13 | 36.98 |
| 2 379.07 | 64.33 | V | 27.97 | -34.56 | 57.74 | -97.41 | -39.67 | -13 | 26.67 |
| 3 965.68 | 42.70 | V | 32.07 | -31.27 | 43.50 | -97.41 | -53.91 | -13 | 40.91 |
| Above 4 000.00 | Not detected | - | - | - | - | - | - | - | - |

NR Band 25/2 (10 MHz - DFTS-OFDM QPSK)

| Frequency (MHz) | Measured Level (dB μ V) | Ant. Pol. | AF (dB/m) | AMP+CL (dB) | E (dB μ V/m) | CF (dB) | E.I.R.P. (dB m) | Limit (dB m) | Margin (dB) |
|-------------------------------------|-----------------------------|-----------|-----------|-------------|------------------|---------|-----------------|--------------|-------------|
| Low Channel (1 855 MHz) | | | | | | | | | |
| 3 718.83 | 45.29 | V | 32.14 | -31.79 | 45.64 | -95.26 | -49.62 | -13 | 36.62 |
| 3 982.65 | 42.52 | V | 32.03 | -31.23 | 43.32 | -95.26 | -51.94 | -13 | 38.94 |
| 5 578.23 | 46.07 | V | 33.90 | -28.26 | 51.71 | -95.26 | -43.55 | -13 | 30.55 |
| Above 5 600.00 | Not detected | - | - | - | - | - | - | - | - |
| Middle Channel (1 882.5 MHz) | | | | | | | | | |
| 3 773.85 | 47.36 | V | 32.10 | -32.23 | 47.23 | -95.26 | -48.03 | -13 | 35.03 |
| 3 982.49 | 41.68 | V | 32.04 | -31.23 | 42.49 | -95.26 | -52.77 | -13 | 39.77 |
| 5 660.65 | 40.74 | V | 33.90 | -27.54 | 47.10 | -95.26 | -48.16 | -13 | 35.16 |
| Above 5 700.00 | Not detected | - | - | - | - | - | - | - | - |
| High Channel (1 910 MHz) | | | | | | | | | |
| 3 828.95 | 44.87 | V | 32.06 | -31.38 | 45.55 | -95.26 | -49.71 | -13 | 36.71 |
| 3 981.98 | 42.10 | V | 32.04 | -31.22 | 42.92 | -95.26 | -52.34 | -13 | 39.34 |
| 5 743.48 | 39.85 | V | 33.99 | -27.27 | 46.57 | -95.26 | -48.69 | -13 | 35.69 |
| Above 5 800.00 | Not detected | - | - | - | - | - | - | - | - |

NR Band 26/5_Part 22 (10 MHz - DFTS-OFDM QPSK)

| Frequency (MHz) | Measured Level (dB μ V) | Ant. Pol. | AF (dB/m) | AMP+CL (dB) | E (dB μ V/m) | CF (dB) | E.R.P. (dB m) | Limit (dB m) | Margin (dB) |
|----------------------------|-----------------------------|-----------|-----------|-------------|------------------|---------|---------------|--------------|-------------|
| Low Channel (829 MHz) | | | | | | | | | |
| 1 649.05 | 46.84 | H | 25.60 | -36.53 | 35.91 | -97.41 | -61.50 | -13 | 48.50 |
| 2 473.88 | 61.05 | H | 28.15 | -34.19 | 55.01 | -97.41 | -42.40 | -13 | 29.40 |
| 2 473.58 | 58.99 | V | 28.15 | -34.19 | 52.95 | -97.41 | -44.46 | -13 | 31.46 |
| 4 122.89 | 40.15 | V | 31.95 | -31.45 | 40.65 | -97.41 | -56.76 | -13 | 43.76 |
| Above 4 200.00 | Not detected | - | - | - | - | - | - | - | - |
| Middle Channel (836.5 MHz) | | | | | | | | | |
| 1 664.12 | 45.38 | H | 25.77 | -36.49 | 34.66 | -97.41 | -62.75 | -13 | 49.75 |
| 2 496.21 | 60.10 | H | 28.11 | -34.03 | 54.18 | -97.41 | -43.23 | -13 | 30.23 |
| 2 496.44 | 57.44 | V | 28.11 | -34.03 | 51.52 | -97.41 | -45.89 | -13 | 32.89 |
| 4 160.38 | 38.49 | V | 31.98 | -30.59 | 39.88 | -97.41 | -57.53 | -13 | 44.53 |
| Above 4 200.00 | Not detected | - | - | - | - | - | - | - | - |
| High Channel (844 MHz) | | | | | | | | | |
| 1 679.05 | 45.08 | H | 25.95 | -36.44 | 34.59 | -97.41 | -62.82 | -13 | 49.82 |
| 2 518.71 | 60.52 | H | 28.21 | -34.10 | 54.63 | -97.41 | -42.78 | -13 | 29.78 |
| 2 518.83 | 56.95 | V | 28.21 | -34.10 | 51.06 | -97.41 | -46.35 | -13 | 33.35 |
| 4 197.77 | 37.58 | V | 31.90 | -29.75 | 39.73 | -97.41 | -57.68 | -13 | 44.68 |
| Above 4 200.00 | Not detected | - | - | - | - | - | - | - | - |

NR Band 26/5_Part 90 (10 MHz - DFTS-OFDM QPSK)

| Frequency (MHz) | Measured Level (dB μ V) | Ant. Pol. | AF (dB/m) | AMP+CL (dB) | E (dB μ V/m) | CF (dB) | E.R.P. (dB m) | Limit (dB m) | Margin (dB) |
|--------------------------|-----------------------------|-----------|-----------|-------------|------------------|---------|---------------|--------------|-------------|
| Middle Channel (819 MHz) | | | | | | | | | |
| 1 629.10 | 47.85 | H | 25.56 | -36.42 | 36.99 | -97.41 | -60.42 | -13 | 47.42 |
| 2 443.82 | 61.07 | H | 28.19 | -34.42 | 54.84 | -97.41 | -42.57 | -13 | 29.57 |
| 2 443.72 | 62.99 | V | 28.19 | -34.42 | 56.76 | -97.41 | -40.65 | -13 | 27.65 |
| 4 072.99 | 45.27 | V | 31.90 | -31.19 | 45.98 | -97.41 | -51.43 | -13 | 38.43 |
| Above 4 100.00 | Not detected | - | - | - | - | - | - | - | - |

NR band 66 (5 MHz - DFTS-OFDM QPSK)

| Frequency (MHz) | Measured Level (dB μ V) | Ant. Pol. | AF (dB/m) | AMP+CL (dB) | E (dB μ V/m) | CF (dB) | E.I.R.P. (dB m) | Limit (dB m) | Margin (dB) |
|----------------------------|-----------------------------|-----------|-----------|-------------|------------------|---------|-----------------|--------------|-------------|
| Low Channel (1 712.5 MHz) | | | | | | | | | |
| 3 420.94 | 59.12 | H | 30.87 | -32.52 | 57.47 | -95.26 | -37.79 | -13 | 24.79 |
| 3 420.99 | 68.53 | V | 30.87 | -32.52 | 66.88 | -95.26 | -28.38 | -13 | 15.38 |
| 5 131.46 | 53.84 | H | 33.26 | -29.02 | 58.08 | -95.26 | -37.18 | -13 | 24.18 |
| 5 131.51 | 63.38 | V | 33.26 | -29.02 | 67.62 | -95.26 | -27.64 | -13 | 14.64 |
| 6 842.01 | 63.67 | H | 35.28 | -25.41 | 73.54 | -95.26 | -21.72 | -13 | 8.72 |
| 6 842.16 | 70.41 | V | 35.28 | -25.41 | 80.28 | -95.26 | -14.98 | -13 | 1.98 |
| 8 552.62 | 67.36 | H | 36.51 | -24.01 | 79.86 | -95.26 | -15.40 | -13 | 2.40 |
| 8 552.66 | 65.53 | V | 36.51 | -24.01 | 78.03 | -95.26 | -17.23 | -13 | 4.23 |
| 10 263.35 | 49.46 | H | 37.80 | -21.89 | 65.37 | -95.26 | -29.89 | -13 | 16.89 |
| 10 263.25 | 57.17 | V | 37.80 | -21.89 | 73.08 | -95.26 | -22.18 | -13 | 9.18 |
| 11 973.38 | 52.92 | H | 38.50 | -19.84 | 71.58 | -95.26 | -23.68 | -13 | 10.68 |
| 11 973.49 | 55.68 | V | 38.50 | -19.84 | 74.34 | -95.26 | -20.92 | -13 | 7.92 |
| 13 684.01 | 46.61 | H | 40.40 | -16.93 | 70.08 | -95.26 | -25.18 | -13 | 12.18 |
| Above 13 700.00 | Not detected | - | - | - | - | - | - | - | - |
| Middle Channel (1 745 MHz) | | | | | | | | | |
| 3 486.02 | 46.54 | H | 31.10 | -32.50 | 45.14 | -95.26 | -50.12 | -13 | 37.12 |
| 3 485.95 | 61.86 | V | 31.10 | -32.49 | 60.47 | -95.26 | -34.79 | -13 | 21.79 |
| 5 229.11 | 43.72 | H | 33.56 | -28.77 | 48.51 | -95.26 | -46.75 | -13 | 33.75 |
| 5 229.00 | 53.67 | V | 33.56 | -28.77 | 58.46 | -95.26 | -36.80 | -13 | 23.80 |
| 6 971.92 | 52.33 | H | 35.44 | -25.61 | 62.16 | -95.26 | -33.10 | -13 | 20.10 |
| 6 971.87 | 56.16 | V | 35.44 | -25.61 | 65.99 | -95.26 | -29.27 | -13 | 16.27 |
| 8 714.91 | 44.82 | H | 36.93 | -23.75 | 58.00 | -95.26 | -37.26 | -13 | 24.26 |
| 8 715.00 | 48.80 | V | 36.93 | -23.75 | 61.98 | -95.26 | -33.28 | -13 | 20.28 |
| 10 458.02 | 47.31 | H | 37.78 | -22.48 | 62.61 | -95.26 | -32.65 | -13 | 19.65 |
| 10 457.87 | 51.82 | V | 37.78 | -22.48 | 67.12 | -95.26 | -28.14 | -13 | 15.14 |
| 12 200.87 | 31.79 | H | 38.40 | -18.74 | 51.45 | -95.26 | -43.81 | -13 | 30.81 |
| 12 200.66 | 32.88 | V | 38.40 | -18.74 | 52.54 | -95.26 | -42.72 | -13 | 29.72 |
| Above 12 300.00 | Not detected | - | - | - | - | - | - | - | - |

| Frequency (MHz) | Measured Level (dB μ V) | Ant. Pol. | AF (dB/m) | AMP+CL (dB) | E (dB μ V/m) | CF (dB) | E.I.R.P. (dB m) | Limit (dB m) | Margin (dB) |
|----------------------------|-----------------------------|-----------|-----------|-------------|------------------|---------|-----------------|--------------|-------------|
| High Channel (1 777.5 MHz) | | | | | | | | | |
| 3 550.77 | 40.68 | H | 31.00 | -33.03 | 38.65 | -95.26 | -56.61 | -13 | 43.61 |
| 3 550.02 | 54.37 | V | 31.00 | -33.06 | 52.31 | -95.26 | -42.95 | -13 | 29.95 |
| 5 326.50 | 41.71 | H | 33.85 | -28.68 | 46.88 | -95.26 | -48.38 | -13 | 35.38 |
| 5 326.57 | 50.38 | V | 33.85 | -28.68 | 55.55 | -95.26 | -39.71 | -13 | 26.71 |
| 7 101.75 | 40.00 | H | 35.60 | -25.88 | 49.72 | -95.26 | -45.54 | -13 | 32.54 |
| 7 062.06 | 43.44 | V | 35.52 | -26.10 | 52.86 | -95.26 | -42.40 | -13 | 29.40 |
| 8 877.89 | 34.38 | H | 37.14 | -23.56 | 47.96 | -95.26 | -47.30 | -13 | 34.30 |
| 8 827.35 | 36.69 | V | 37.15 | -23.73 | 50.11 | -95.26 | -45.15 | -13 | 32.15 |
| Above 8 900.00 | Not detected | - | - | - | - | - | - | - | - |

NR band 71 (15 MHz - DFTS-OFDM QPSK)

| Frequency (MHz) | Measured Level (dB μ V) | Ant. Pol. | AF (dB/m) | AMP+CL (dB) | E (dB μ V/m) | CF (dB) | E.R.P. (dB m) | Limit (dB m) | Margin (dB) |
|----------------------------|-----------------------------|-----------|-----------|-------------|------------------|---------|----------------------|--------------|-------------|
| Low Channel (670.5 MHz) | | | | | | | | | |
| 2 012.12 | 49.01 | H | 27.68 | -35.50 | 41.19 | -97.41 | -56.22 | -13 | 43.22 |
| 2 012.05 | 67.09 | V | 27.68 | -35.50 | 59.27 | -97.41 | -38.14 | -13 | 25.14 |
| 4 024.06 | 43.15 | V | 31.95 | -31.28 | 43.82 | -97.41 | -53.59 | -13 | 40.59 |
| Above 4 100.00 | Not detected | - | - | - | - | - | - | - | - |
| Middle Channel (680.5 MHz) | | | | | | | | | |
| 2 041.99 | 52.77 | H | 27.62 | -35.37 | 45.02 | -97.41 | -52.39 | -13 | 39.39 |
| 2 041.84 | 67.38 | V | 27.62 | -35.38 | 59.62 | -97.41 | -37.79 | -13 | 24.79 |
| 4 083.96 | 44.20 | V | 31.90 | -30.78 | 45.32 | -97.41 | -52.09 | -13 | 39.09 |
| Above 4 100.00 | Not detected | - | - | - | - | - | - | - | - |
| High Channel (690.5 MHz) | | | | | | | | | |
| 1 381.31 | 46.73 | H | 25.10 | -37.28 | 34.55 | -97.41 | -62.86 | -13 | 49.86 |
| 2 072.07 | 60.98 | H | 27.56 | -35.05 | 53.49 | -97.41 | -43.92 | -13 | 30.92 |
| 2 071.96 | 67.53 | V | 27.56 | -35.05 | 60.04 | -97.41 | <u>-37.37</u> | -13 | 24.37 |
| 4 101.57 | 37.59 | V | 31.90 | -30.10 | 39.39 | -97.41 | -58.02 | -13 | 45.02 |
| Above 4 200.00 | Not detected | - | - | - | - | - | - | - | - |

ENDC

5A-n2A (15 MHz - DFTS-OFDM BPSK)

| Frequency (MHz) | Measured Level (dB μ V) | Ant. Pol. | AF (dB/m) | AMP+CL (dB) | E (dB μ V/m) | CF (dB) | E.I.R.P. (dB m) | Limit (dB m) | Margin (dB) |
|------------------------------|-----------------------------|-----------|-----------|-------------|------------------|---------|-----------------|--------------|-------------|
| Low Channel (1 857.5 MHz) | | | | | | | | | |
| 3 715.25 | 51.16 | V | 32.13 | -36.62 | 46.67 | -95.26 | -48.59 | -13 | 35.59 |
| 5 573.02 | 55.61 | V | 33.90 | -34.04 | 55.47 | -95.26 | -39.79 | -13 | 26.79 |
| Above 5 600.00 | Not detected | - | - | - | - | - | - | - | - |
| Middle Channel (1 880.0 MHz) | | | | | | | | | |
| 3 760.16 | 52.61 | V | 32.16 | -36.89 | 47.88 | -95.26 | -47.38 | -13 | 34.38 |
| 5 640.33 | 49.76 | V | 33.90 | -33.45 | 50.21 | -95.26 | -45.05 | -13 | 32.05 |
| Above 5 700.00 | Not detected | - | - | - | - | - | - | - | - |
| High Channel (1 902.5 MHz) | | | | | | | | | |
| 3 805.36 | 51.65 | V | 32.01 | -36.59 | 47.07 | -95.26 | -48.19 | -13 | 35.19 |
| 5 707.99 | 48.28 | V | 33.92 | -33.56 | 48.64 | -95.26 | -46.62 | -13 | 33.62 |
| Above 5 800.00 | Not detected | - | - | - | - | - | - | - | - |

7A-n5A (15 MHz - DFTS-OFDM BPSK)

| Frequency (MHz) | Measured Level (dB μ V) | Ant. Pol. | AF (dB/m) | AMP+CL (dB) | E (dB μ V/m) | CF (dB) | E.R.P. (dB m) | Limit (dB m) | Margin (dB) |
|----------------------------|-----------------------------|-----------|-----------|-------------|------------------|---------|---------------|--------------|-------------|
| Low Channel (831.5 MHz) | | | | | | | | | |
| 2 479.94 | 53.00 | H | 28.14 | -36.92 | 44.22 | -97.41 | -53.19 | -13 | 40.19 |
| 2 480.05 | 51.33 | V | 28.14 | -36.92 | 42.55 | -97.41 | -54.86 | -13 | 41.86 |
| Above 2 500.00 | Not detected | - | - | - | - | - | - | - | - |
| Middle Channel (836.5 MHz) | | | | | | | | | |
| 2 509.98 | 58.95 | H | 28.16 | -37.07 | 50.04 | -97.41 | -47.37 | -13 | 34.37 |
| 2 510.00 | 58.41 | V | 28.16 | -37.06 | 49.51 | -97.41 | -47.90 | -13 | 34.90 |
| Above 2 600.00 | Not detected | - | - | - | - | - | - | - | - |
| High Channel (841.5 MHz) | | | | | | | | | |
| 2 539.92 | 57.37 | H | 28.34 | -36.65 | 49.06 | -97.41 | -48.35 | -13 | 35.35 |
| 2 539.88 | 53.66 | V | 28.34 | -36.65 | 45.35 | -97.41 | -52.06 | -13 | 39.06 |
| Above 2 600.00 | Not detected | - | - | - | - | - | - | - | - |

5A-n7A (20 MHz - DFTS-OFDM BPSK)

| Frequency (MHz) | Measured Level (dB μ V) | Ant. Pol. | AF (dB/m) | AMP+CL (dB) | E (dB μ V/m) | CF (dB) | E.I.R.P. (dB m) | Limit (dB m) | Margin (dB) |
|----------------------------|-----------------------------|-----------|-----------|-------------|------------------|---------|-----------------|--------------|-------------|
| Low Channel (2 510 MHz) | | | | | | | | | |
| 5 038.37 | 52.59 | V | 33.00 | -35.22 | 50.37 | -95.26 | -44.89 | -25 | 19.89 |
| Above 5 100.00 | Not detected | - | - | - | - | - | - | - | - |
| Middle Channel (2 535 MHz) | | | | | | | | | |
| 5 088.27 | 54.99 | V | 33.15 | -35.38 | 52.76 | -95.26 | -42.50 | -25 | 17.50 |
| Above 5 100.00 | Not detected | - | - | - | - | - | - | - | - |
| High Channel (2 560 MHz) | | | | | | | | | |
| 5 138.53 | 56.38 | V | 33.28 | -35.47 | 54.19 | -95.26 | -41.07 | -25 | 16.07 |
| Above 5 200.00 | Not detected | - | - | - | - | - | - | - | - |

66A-n12A (15 MHz - DFTS-OFDM QPSK)

| Frequency (MHz) | Measured Level (dB μ V) | Ant. Pol. | AF (dB/m) | AMP+CL (dB) | E (dB μ V/m) | CF (dB) | E.R.P. (dB m) | Limit (dB m) | Margin (dB) |
|----------------------------|-----------------------------|-----------|-----------|-------------|------------------|---------|---------------|--------------|-------------|
| Low Channel (706.5 MHz) | | | | | | | | | |
| 1 399.32 | 53.87 | V | 25.10 | -39.15 | 39.82 | -97.41 | -57.59 | -13 | 44.59 |
| 2 099.00 | 77.89 | H | 27.50 | -37.35 | 68.04 | -97.41 | -29.37 | -13 | 16.37 |
| 2 099.00 | 77.37 | V | 27.50 | -37.35 | 67.52 | -97.41 | -29.89 | -13 | 16.89 |
| 3 498.58 | 63.59 | H | 31.10 | -36.67 | 58.02 | -97.41 | -39.39 | -13 | 26.39 |
| 3 498.38 | 62.96 | V | 31.10 | -36.67 | 57.39 | -97.41 | -40.02 | -13 | 27.02 |
| Above 3 500.00 | Not detected | - | - | - | - | - | - | - | - |
| Middle Channel (707.5 MHz) | | | | | | | | | |
| 1 401.42 | 53.40 | V | 25.10 | -39.15 | 39.35 | -97.41 | -58.06 | -13 | 45.06 |
| 2 102.04 | 77.84 | H | 27.50 | -37.31 | 68.03 | -97.41 | -29.38 | -13 | 16.38 |
| 2 101.78 | 77.04 | V | 27.50 | -37.32 | 67.22 | -97.41 | -30.19 | -13 | 17.19 |
| 3 503.14 | 61.10 | H | 31.09 | -36.68 | 55.51 | -97.41 | -41.90 | -13 | 28.90 |
| 3 503.46 | 60.66 | V | 31.09 | -36.68 | 55.07 | -97.41 | -42.34 | -13 | 29.34 |
| Above 3 600.00 | Not detected | - | - | - | - | - | - | - | - |
| High Channel (708.5 MHz) | | | | | | | | | |
| 1 403.30 | 55.54 | V | 25.09 | -39.15 | 41.48 | -97.41 | -55.93 | -13 | 42.93 |
| 2 105.00 | 78.19 | H | 27.51 | -37.28 | 68.42 | -97.41 | -28.99 | -13 | 15.99 |
| 2 105.02 | 75.71 | V | 27.51 | -37.28 | 65.94 | -97.41 | -31.47 | -13 | 18.47 |
| 3 508.07 | 60.46 | H | 31.08 | -36.71 | 54.83 | -97.41 | -42.58 | -13 | 29.58 |
| 3 508.16 | 63.34 | V | 31.08 | -36.71 | 57.71 | -97.41 | -39.70 | -13 | 26.70 |
| Above 3 600.00 | Not detected | - | - | - | - | - | - | - | - |

66A-n13A (5 MHz - DFTS-OFDM BPSK)

| Frequency (MHz) | Measured Level (dB μ V) | Ant. Pol. | AF (dB/m) | AMP+CL (dB) | E (dB μ V/m) | CF (dB) | E.R.P. (dB m) | Limit (dB m) | Margin (dB) |
|--------------------------|-----------------------------|-----------|-----------|-------------|------------------|---------|---------------|--------------|-------------|
| Low Channel (779.5 MHz) | | | | | | | | | |
| 2 339.23 | 71.25 | H | 27.80 | -36.39 | 62.66 | -97.41 | -34.75 | -13 | 21.75 |
| 2 338.91 | 78.71 | V | 27.80 | -36.39 | 70.12 | -97.41 | -27.29 | -13 | 14.29 |
| 3 899.00 | 59.61 | V | 32.20 | -36.02 | 55.79 | -97.41 | -41.62 | -13 | 28.62 |
| Above 3 900.00 | Not detected | - | - | - | - | - | - | - | - |
| Middle Channel (782 MHz) | | | | | | | | | |
| 2 346.45 | 74.90 | H | 27.80 | -36.33 | 66.37 | -97.41 | -31.04 | -13 | 18.04 |
| 2 346.53 | 80.18 | V | 27.80 | -36.33 | 71.65 | -97.41 | -25.76 | -13 | 12.76 |
| 3 910.78 | 60.73 | V | 32.18 | -35.97 | 56.94 | -97.41 | -40.47 | -13 | 27.47 |
| Above 4 000.00 | Not detected | - | - | - | - | - | - | - | - |
| High Channel (784.5 MHz) | | | | | | | | | |
| 2 354.03 | 62.43 | H | 27.82 | -36.28 | 53.97 | -97.41 | -43.44 | -13 | 30.44 |
| 2 354.02 | 74.22 | V | 27.82 | -36.28 | 65.76 | -97.41 | -31.65 | -13 | 18.65 |
| 3 923.18 | 44.96 | V | 32.15 | -35.92 | 41.19 | -97.41 | -56.22 | -13 | 43.22 |
| Above 4 000.00 | Not detected | - | - | - | - | - | - | - | - |

12A-n25A (15 MHz - DFTS-OFDM BPSK)

| Frequency (MHz) | Measured Level (dB μ V) | Ant. Pol. | AF (dB/m) | AMP+CL (dB) | E (dB μ V/m) | CF (dB) | E.I.R.P. (dB m) | Limit (dB m) | Margin (dB) |
|------------------------------|-----------------------------|-----------|-----------|-------------|------------------|---------|-----------------|--------------|-------------|
| Low Channel (1 857.5 MHz) | | | | | | | | | |
| 3 701.20 | 58.01 | V | 32.10 | -36.60 | 53.51 | -95.26 | -41.75 | -13 | 28.75 |
| 3 999.50 | 48.44 | V | 32.00 | -36.43 | 44.01 | -95.26 | -51.25 | -13 | 38.25 |
| 5 551.78 | 47.64 | V | 33.90 | -34.20 | 47.34 | -95.26 | -47.92 | -13 | 34.92 |
| Above 5 600.00 | Not detected | - | - | - | - | - | - | - | - |
| Middle Channel (1 882.5 MHz) | | | | | | | | | |
| 3 751.20 | 53.01 | V | 32.20 | -36.85 | 48.36 | -95.26 | -46.90 | -13 | 33.90 |
| 3 999.44 | 47.46 | V | 32.00 | -36.43 | 43.03 | -95.26 | -52.23 | -13 | 39.23 |
| 5 626.96 | 50.92 | V | 33.90 | -33.52 | 51.30 | -95.26 | -43.96 | -13 | 30.96 |
| Above 5 700.00 | Not detected | - | - | - | - | - | - | - | - |
| High Channel (1 907.5 MHz) | | | | | | | | | |
| 3 801.19 | 51.91 | V | 32.00 | -36.63 | 47.28 | -95.26 | -47.98 | -13 | 34.98 |
| 3 999.68 | 49.88 | V | 32.00 | -36.43 | 45.45 | -95.26 | -49.81 | -13 | 36.81 |
| 5 701.79 | 44.76 | V | 33.90 | -33.56 | 45.10 | -95.26 | -50.16 | -13 | 37.16 |
| Above 5 800.00 | Not detected | - | - | - | - | - | - | - | - |

5A-n66A (40 MHz - DFTS-OFDM BPSK)

| Frequency (MHz) | Measured Level (dB μ V) | Ant. Pol. | AF (dB/m) | AMP+CL (dB) | E (dB μ V/m) | CF (dB) | E.I.R.P. (dB m) | Limit (dB m) | Margin (dB) |
|----------------------------|-----------------------------|-----------|-----------|-------------|------------------|---------|-----------------|--------------|-------------|
| Middle Channel (1 745 MHz) | | | | | | | | | |
| 3 490.01 | 62.83 | H | 31.10 | -36.72 | 57.21 | -95.26 | -38.05 | -13 | 25.05 |
| 3 490.17 | 70.23 | V | 31.10 | -36.72 | 64.61 | -95.26 | -30.65 | -13 | 17.65 |
| 3 999.50 | 48.44 | V | 32.00 | -36.43 | 44.01 | -95.26 | -51.25 | -13 | 38.25 |
| 5 235.13 | 55.27 | H | 33.57 | -35.10 | 53.74 | -95.26 | -41.52 | -13 | 28.52 |
| 5 235.16 | 62.98 | V | 33.57 | -35.10 | 61.45 | -95.26 | -33.81 | -13 | 20.81 |
| 6 980.28 | 64.96 | H | 35.46 | -33.06 | 67.36 | -95.26 | -27.90 | -13 | 14.90 |
| 6 980.20 | 70.48 | V | 35.46 | -33.06 | 72.88 | -95.26 | -22.38 | -13 | 9.38 |
| 8 725.38 | 56.79 | H | 36.95 | -33.90 | 59.84 | -95.26 | -35.42 | -13 | 22.42 |
| 8 725.34 | 63.82 | V | 36.95 | -33.90 | 66.87 | -95.26 | -28.39 | -13 | 15.39 |
| 10 470.39 | 51.42 | H | 37.76 | -31.40 | 57.78 | -95.26 | -37.48 | -13 | 24.48 |
| 10 470.39 | 60.25 | V | 37.76 | -31.40 | 66.61 | -95.26 | -28.65 | -13 | 15.65 |
| 12 215.52 | 46.61 | H | 38.40 | -29.57 | 55.44 | -95.26 | -39.82 | -13 | 26.82 |
| 12 215.53 | 51.03 | V | 38.40 | -29.57 | 59.86 | -95.26 | -35.40 | -13 | 22.40 |
| 13 960.60 | 38.60 | H | 40.72 | -27.53 | 51.79 | -95.26 | -43.47 | -13 | 30.47 |
| 13 961.16 | 39.28 | V | 40.72 | -27.53 | 52.47 | -95.26 | -42.79 | -13 | 29.79 |
| Above 14 000.00 | Not detected | - | - | - | - | - | - | - | - |

66A-n71A (10 MHz - DFTS-OFDM BPSK)

| Frequency (MHz) | Measured Level (dB μ V) | Ant. Pol. | AF (dB/m) | AMP+CL (dB) | E (dB μ V/m) | CF (dB) | E.R.P. (dB m) | Limit (dB m) | Margin (dB) |
|----------------------------|-----------------------------|-----------|-----------|-------------|------------------|---------|---------------|--------------|-------------|
| Low Channel (668 MHz) | | | | | | | | | |
| 1 990.86 | 71.95 | H | 27.66 | -37.69 | 61.92 | -97.41 | -35.49 | -13 | 22.49 |
| 1 990.66 | 74.97 | V | 27.66 | -37.69 | 64.94 | -97.41 | -32.47 | -13 | 19.47 |
| 3 981.30 | 48.48 | V | 32.04 | -36.39 | 44.13 | -97.41 | -53.28 | -13 | 40.28 |
| Above 4 000.00 | Not detected | - | - | - | - | - | - | - | - |
| Middle Channel (680.5 MHz) | | | | | | | | | |
| 2 028.16 | 73.25 | H | 27.64 | -37.59 | 63.30 | -97.41 | -34.11 | -13 | 21.11 |
| 2 028.21 | 75.42 | V | 27.64 | -37.59 | 65.47 | -97.41 | -31.94 | -13 | 18.94 |
| 4 056.26 | 48.91 | V | 31.90 | -36.43 | 44.38 | -97.41 | -53.03 | -13 | 40.03 |
| Above 4 100.00 | Not detected | - | - | - | - | - | - | - | - |
| High Channel (693 MHz) | | | | | | | | | |
| 2 065.66 | 69.54 | H | 27.57 | -37.53 | 59.58 | -97.41 | -37.83 | -13 | 24.83 |
| 2 065.65 | 73.13 | V | 27.57 | -37.53 | 63.17 | -97.41 | -34.24 | -13 | 21.24 |
| 4 131.36 | 46.94 | V | 31.96 | -36.18 | 42.72 | -97.41 | -54.69 | -13 | 41.69 |
| Above 4 200.00 | Not detected | - | - | - | - | - | - | - | - |

Remark;

1. AF = Antenna Factor, CL = Cable Loss, CF = Conversion Factor.
2. E (dB μ V/m) = Measured Level (dB μ V) + Antenna Factor (dB/m) + AMP (dB) + Cable Loss (dB).
3. E.I.R.P. (dB m) = E (dB μ V/m) + CF (dB).
4. E.R.P. (dB m) = E (dB μ V/m) + CF (dB) - 2.15 (dB); where E.R.P. and E.I.R.P. are expressed in consistent units.
5. CF (dB) = 20 log D - 104.8; where D is the measurement distance in meters, According to KDB 971168 D01 v03r01 5.8.4.
6. The frequency spectrum is examined from 9 kHz to the 10th harmonic of the fundamental frequency of the transmitter. No other spurious and harmonic emissions were reported greater than listed emissions above table.

3. Conducted Output Power

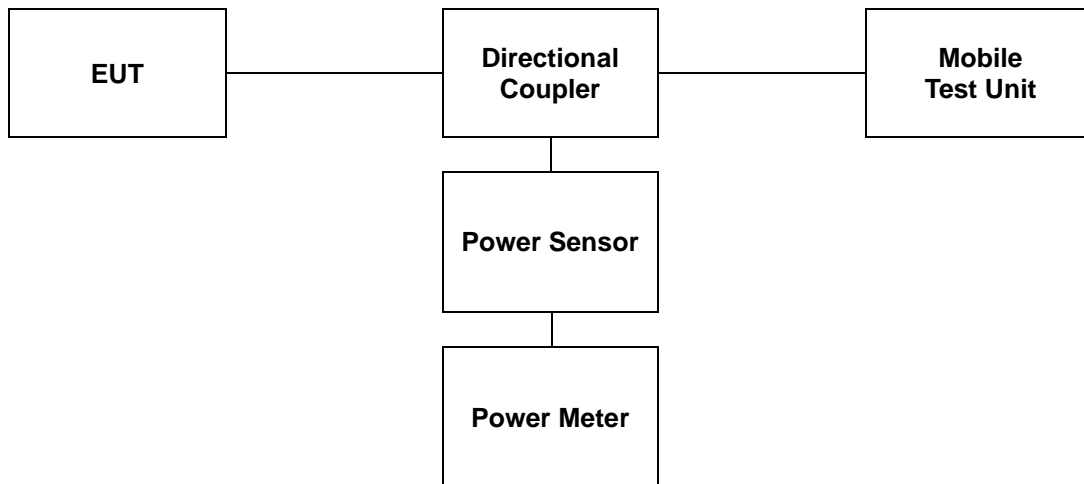
3.1. Limit

CFR 47, Section FCC §2.1046 and IC RSS-Gen Issue 5 6.12.

3.2. Test Procedure

Output power shall be measured at the RF output terminals for all configurations.

1. The RF output of the transmitter was connected to the input of the mobile test unit in order to establish communication with the EUT.
2. The EUT was set up for the max. output power with pseudo random data modulation by using mobile test unit parameters.
3. The measurement performed using a wideband RF power meter.
4. This EUT was tested under all configurations and the highest power was investigated and reported.



3.3. Test Result

Ambient temperature : (23 ± 1) °C
 Relative humidity : 47 % R.H.

| NR Band 7 | | | | | | | | | | |
|------------------|--------------|---------------------|------------|--------------|-------------------------|--------------|-----------------------|-------|-------------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 500500 (2 502.5 MHz) | | 507000 (2 535 MHz) | | 513500 (2 567.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.93 | 0.247 | 23.60 | 0.229 | 23.70 | 0.234 |
| | | | 1 | 13 | 23.89 | 0.245 | 23.56 | 0.227 | 23.73 | 0.236 |
| | | | 1 | 23 | 23.93 | 0.247 | 23.69 | 0.234 | 23.70 | 0.234 |
| | | | 12 | 0 | 23.29 | 0.213 | 23.05 | 0.202 | 23.22 | 0.210 |
| | | | 12 | 7 | 23.87 | 0.244 | 23.60 | 0.229 | 23.71 | 0.235 |
| | | | 12 | 13 | 23.44 | 0.221 | 23.07 | 0.203 | 23.23 | 0.210 |
| | | 25 | 0 | 23.45 | 0.221 | 23.12 | 0.205 | 23.23 | 0.210 | |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.84 | 0.242 | 23.60 | 0.229 | 23.63 | 0.231 |
| | | | 1 | 13 | 23.90 | 0.245 | 23.62 | 0.230 | 23.61 | 0.230 |
| | | | 1 | 23 | 24.05 | 0.254 | 23.55 | 0.226 | 23.66 | 0.232 |
| | | | 12 | 0 | 22.91 | 0.195 | 22.62 | 0.183 | 22.61 | 0.182 |
| | | | 12 | 7 | 24.03 | 0.253 | 23.61 | 0.230 | 23.60 | 0.229 |
| | | | 12 | 13 | 22.93 | 0.196 | 22.62 | 0.183 | 22.60 | 0.182 |
| | | 25 | 0 | 22.88 | 0.194 | 22.60 | 0.182 | 22.63 | 0.183 | |
| | | DFT-S-OFDM 16QAM | 1 | 1 | 22.88 | 0.194 | 22.55 | 0.180 | 22.55 | 0.180 |
| | | DFT-S-OFDM 64QAM | 1 | 1 | 21.56 | 0.143 | 21.29 | 0.135 | 21.35 | 0.136 |
| | | CP-OFDM QPSK | 1 | 1 | 22.49 | 0.177 | 22.07 | 0.161 | 22.27 | 0.169 |
| | | CP-OFDM 16QAM | 1 | 1 | 21.88 | 0.154 | 21.70 | 0.148 | 21.66 | 0.147 |
| CP-OFDM 64QAM | 1 | 1 | 20.40 | 0.110 | 20.17 | 0.104 | 20.23 | 0.105 | | |

| NR Band 7 | | | | | | | | | | |
|---------------------|--------------|---------------------|------------|--------------|-------------------------|--------------|-----------------------|--------------|-------------------------|--------------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 501000 (2 505 MHz) | | 507000 (2 535 MHz) | | 513000 (2 565 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.83 | 0.242 | 23.74 | 0.237 | 23.66 | 0.232 |
| | | | 1 | 26 | 23.75 | 0.237 | 23.68 | 0.233 | 23.63 | 0.231 |
| | | | 1 | 50 | 23.76 | 0.238 | 23.68 | 0.233 | 23.64 | 0.231 |
| | | | 25 | 0 | 23.28 | 0.213 | 23.23 | 0.210 | 23.12 | 0.205 |
| | | | 25 | 14 | 23.76 | 0.238 | 23.75 | 0.237 | 23.65 | 0.232 |
| | | | 25 | 27 | 23.29 | 0.213 | 23.23 | 0.210 | 23.11 | 0.205 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.76 | 0.238 | 23.61 | 0.230 | 23.67 | 0.233 |
| | | | 1 | 26 | 23.72 | 0.236 | 23.79 | 0.239 | 23.64 | 0.231 |
| | | | 1 | 50 | 23.79 | 0.239 | 23.85 | 0.243 | 23.65 | 0.232 |
| | | | 25 | 0 | 22.65 | 0.184 | 22.78 | 0.190 | 22.64 | 0.184 |
| | | | 25 | 14 | 23.84 | 0.242 | 23.76 | 0.238 | 23.64 | 0.231 |
| | | | 25 | 27 | 22.89 | 0.195 | 22.77 | 0.189 | 22.63 | 0.183 |
| | | DFT-S-OFDM 16QAM | 1 | 1 | 22.71 | 0.187 | 22.62 | 0.183 | 22.64 | 0.184 |
| | | | 1 | 1 | 22.69 | 0.186 | 22.66 | 0.185 | 22.58 | 0.181 |
| | | | 1 | 1 | 21.44 | 0.139 | 21.37 | 0.137 | 21.39 | 0.138 |
| | | | 1 | 1 | 22.27 | 0.169 | 22.33 | 0.171 | 22.11 | 0.163 |
| | | | 1 | 1 | 21.77 | 0.150 | 21.66 | 0.147 | 21.69 | 0.148 |
| | | | 1 | 1 | 20.18 | 0.104 | 20.27 | 0.106 | 20.26 | 0.106 |
| NR Band 7 | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 501500 (2 507.5 MHz) | | 507000 (2 535 MHz) | | 512500 (2 562.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.94 | 0.248 | 23.79 | 0.239 | 23.93 | 0.247 |
| | | | 1 | 40 | 23.88 | 0.244 | 23.76 | 0.238 | 23.89 | 0.245 |
| | | | 1 | 77 | 23.86 | 0.243 | 23.78 | 0.239 | 23.75 | 0.237 |
| | | | 36 | 0 | 23.39 | 0.218 | 23.25 | 0.211 | 23.39 | 0.218 |
| | | | 36 | 22 | 23.93 | 0.247 | 23.74 | 0.237 | 23.90 | 0.245 |
| | | | 36 | 43 | 23.40 | 0.219 | 23.24 | 0.211 | 23.39 | 0.218 |
| | | DFT-S-OFDM QPSK | 75 | 0 | 23.40 | 0.219 | 23.20 | 0.209 | 23.33 | 0.215 |
| | | | 1 | 1 | 23.93 | 0.247 | 23.78 | 0.239 | 23.95 | 0.248 |
| | | | 1 | 40 | 23.91 | 0.246 | 23.77 | 0.238 | 23.91 | 0.246 |
| | | | 1 | 77 | 23.93 | 0.247 | 23.82 | 0.241 | 23.78 | 0.239 |
| | | | 36 | 0 | 22.91 | 0.195 | 22.76 | 0.189 | 22.91 | 0.195 |
| | | | 36 | 22 | 23.91 | 0.246 | 23.76 | 0.238 | 23.91 | 0.246 |
| | | DFT-S-OFDM 16QAM | 36 | 43 | 22.91 | 0.195 | 22.76 | 0.189 | 22.91 | 0.195 |
| | | | 75 | 0 | 22.92 | 0.196 | 22.70 | 0.186 | 22.84 | 0.192 |
| | | | 1 | 1 | 22.89 | 0.195 | 22.71 | 0.187 | 22.86 | 0.193 |
| | | | 1 | 1 | 21.65 | 0.146 | 21.45 | 0.140 | 21.63 | 0.146 |
| | | | 1 | 1 | 22.50 | 0.178 | 22.23 | 0.167 | 22.36 | 0.172 |
| | | | 1 | 1 | 21.86 | 0.153 | 21.79 | 0.151 | 21.88 | 0.154 |
| DFT-S-OFDM 64QAM | 1 | 1 | 20.42 | 0.110 | 20.34 | 0.108 | 20.44 | 0.111 | | |
| | 1 | 1 | 20.42 | 0.110 | 20.34 | 0.108 | 20.44 | 0.111 | | |

| NR Band 7 | | | | | | | | | | |
|---------------|-----------|------------------|--------------|--------------|------------------------|--------------|--------------------|--------------|--------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 502000 (2 510 MHz) | | 507000 (2 535 MHz) | | 512000 (2 560 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 20 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.95 | 0.248 | 23.93 | 0.247 | 23.85 | 0.243 |
| | | | 1 | 53 | 23.92 | 0.247 | 23.91 | 0.246 | 23.88 | 0.244 |
| | | | 1 | 104 | 23.91 | 0.246 | 23.93 | 0.247 | 23.92 | 0.247 |
| | | | 50 | 0 | 23.41 | 0.219 | 23.44 | 0.221 | 23.38 | 0.218 |
| | | | 50 | 28 | 23.93 | 0.247 | 23.94 | 0.248 | 23.86 | 0.243 |
| | | | 50 | 56 | 23.43 | 0.220 | 23.43 | 0.220 | 23.37 | 0.217 |
| | | DFT-S-OFDM QPSK | 100 | 0 | 23.44 | 0.221 | 23.42 | 0.220 | 23.43 | 0.220 |
| | | | 1 | 1 | 24.00 | 0.251 | 23.98 | 0.250 | 23.89 | 0.245 |
| | | | 1 | 53 | 24.01 | 0.252 | 23.92 | 0.247 | 23.87 | 0.244 |
| | | | 1 | 104 | 23.92 | 0.247 | 23.85 | 0.243 | 23.94 | 0.248 |
| | | | 50 | 0 | 23.01 | 0.200 | 22.91 | 0.195 | 22.87 | 0.194 |
| | | | 50 | 28 | 24.00 | 0.251 | 23.96 | 0.249 | 23.87 | 0.244 |
| | | DFT-S-OFDM 16QAM | 50 | 56 | 23.01 | 0.200 | 22.94 | 0.197 | 22.86 | 0.193 |
| | | | 100 | 0 | 22.97 | 0.198 | 22.90 | 0.195 | 22.94 | 0.197 |
| | | DFT-S-OFDM 64QAM | 1 | 1 | 22.90 | 0.195 | 22.91 | 0.195 | 22.75 | 0.188 |
| | | DFT-S-OFDM 64QAM | 1 | 1 | 21.68 | 0.147 | 21.68 | 0.147 | 21.50 | 0.141 |
| CP-OFDM QPSK | 1 | 1 | 22.49 | 0.177 | 22.33 | 0.171 | 22.37 | 0.173 | | |
| CP-OFDM 16QAM | 1 | 1 | 22.04 | 0.160 | 22.03 | 0.160 | 21.91 | 0.155 | | |
| CP-OFDM 64QAM | 1 | 1 | 20.36 | 0.109 | 20.50 | 0.112 | 20.27 | 0.106 | | |

| NR Band 12 | | | | | | | | | | |
|---------------|-----------|------------------|--------------|--------------|------------------------|--------------|--------------------|-------|--------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 140300 (701.5 MHz) | | 141500 (707.5 MHz) | | 142700 (713.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.65 | 0.292 | 24.53 | 0.284 | 24.35 | 0.272 |
| | | | 1 | 13 | 24.64 | 0.291 | 24.53 | 0.284 | 24.35 | 0.272 |
| | | | 1 | 23 | 24.54 | 0.284 | 24.30 | 0.269 | 24.16 | 0.261 |
| | | | 12 | 0 | 24.18 | 0.262 | 24.13 | 0.259 | 23.85 | 0.243 |
| | | | 12 | 7 | 24.63 | 0.290 | 24.52 | 0.283 | 24.34 | 0.272 |
| | | | 12 | 13 | 24.23 | 0.265 | 24.00 | 0.251 | 23.83 | 0.242 |
| | | DFT-S-OFDM QPSK | 25 | 0 | 24.22 | 0.264 | 24.10 | 0.257 | 23.78 | 0.239 |
| | | | 1 | 1 | 24.60 | 0.288 | 24.48 | 0.281 | 24.31 | 0.270 |
| | | | 1 | 13 | 24.11 | 0.258 | 24.46 | 0.279 | 24.29 | 0.269 |
| | | | 1 | 23 | 24.43 | 0.277 | 24.34 | 0.272 | 24.14 | 0.259 |
| | | | 12 | 0 | 23.67 | 0.233 | 23.37 | 0.217 | 23.17 | 0.207 |
| | | | 12 | 7 | 24.16 | 0.261 | 24.47 | 0.280 | 24.29 | 0.269 |
| | | DFT-S-OFDM 16QAM | 12 | 13 | 23.63 | 0.231 | 23.48 | 0.223 | 23.45 | 0.221 |
| | | | 25 | 0 | 23.67 | 0.233 | 23.51 | 0.224 | 23.21 | 0.209 |
| | | DFT-S-OFDM 64QAM | 1 | 1 | 23.55 | 0.226 | 23.39 | 0.218 | 23.21 | 0.209 |
| | | DFT-S-OFDM 64QAM | 1 | 1 | 22.28 | 0.169 | 22.16 | 0.164 | 21.96 | 0.157 |
| CP-OFDM QPSK | 1 | 1 | 23.20 | 0.209 | 23.07 | 0.203 | 22.76 | 0.189 | | |
| CP-OFDM 16QAM | 1 | 1 | 22.70 | 0.186 | 22.53 | 0.179 | 22.32 | 0.171 | | |
| CP-OFDM 64QAM | 1 | 1 | 21.05 | 0.127 | 21.09 | 0.129 | 20.80 | 0.120 | | |

| NR Band 12 | | | | | | | | | | | |
|------------------|-----------|------------------|------------------|-----------|------------------------|--------------|--------------------|--------------|------------------|--------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | | |
| | | | | | 140800 (704 MHz) | | 141500 (707.5 MHz) | | 142200 (711 MHz) | | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) | |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.57 | 0.286 | 24.44 | 0.278 | 24.40 | 0.275 | |
| | | | 1 | 26 | 24.46 | 0.279 | 24.39 | 0.275 | 24.32 | 0.270 | |
| | | | 1 | 50 | 24.53 | 0.284 | 24.35 | 0.272 | 24.45 | 0.279 | |
| | | | 25 | 0 | 24.09 | 0.256 | 23.86 | 0.243 | 23.88 | 0.244 | |
| | | | 25 | 14 | 24.56 | 0.286 | 24.34 | 0.272 | 24.32 | 0.270 | |
| | | | 25 | 27 | 23.96 | 0.249 | 23.93 | 0.247 | 23.99 | 0.251 | |
| | | DFT-S-OFDM QPSK | 50 | 0 | 24.05 | 0.254 | 24.02 | 0.252 | 23.89 | 0.245 | |
| | | | 1 | 1 | 24.56 | 0.286 | 24.53 | 0.284 | 24.38 | 0.274 | |
| | | | 1 | 26 | 24.46 | 0.279 | 24.34 | 0.272 | 24.47 | 0.280 | |
| | | | 1 | 50 | 24.54 | 0.284 | 24.51 | 0.282 | 24.43 | 0.277 | |
| | | | 25 | 0 | 23.58 | 0.228 | 23.55 | 0.226 | 23.26 | 0.212 | |
| | | | 25 | 14 | 23.64 | 0.231 | 24.45 | 0.279 | 24.35 | 0.272 | |
| | | DFT-S-OFDM 16QAM | 25 | 27 | 23.70 | 0.234 | 23.33 | 0.215 | 23.38 | 0.218 | |
| | | | 50 | 0 | 23.46 | 0.222 | 23.48 | 0.223 | 23.29 | 0.213 | |
| | | | 1 | 1 | 23.49 | 0.223 | 23.34 | 0.216 | 23.34 | 0.216 | |
| | | | 1 | 1 | 21.98 | 0.158 | 21.94 | 0.156 | 21.99 | 0.158 | |
| | | | 1 | 1 | 23.03 | 0.201 | 22.99 | 0.199 | 22.91 | 0.195 | |
| | | | 1 | 1 | 22.58 | 0.181 | 22.40 | 0.174 | 22.42 | 0.175 | |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 21.00 | 0.126 | 20.87 | 0.122 | 20.89 | 0.123 | |
| | | | 1 | 1 | 21.98 | 0.158 | 21.94 | 0.156 | 21.99 | 0.158 | |
| | | | 1 | 1 | 23.03 | 0.201 | 22.99 | 0.199 | 22.91 | 0.195 | |
| | | | 1 | 1 | 22.58 | 0.181 | 22.40 | 0.174 | 22.42 | 0.175 | |
| | | | 1 | 1 | 21.00 | 0.126 | 20.87 | 0.122 | 20.89 | 0.123 | |
| | | | 1 | 1 | 21.98 | 0.158 | 21.94 | 0.156 | 21.99 | 0.158 | |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.68 | 0.294 | 24.74 | 0.298 | 24.68 | 0.294 | |
| | | | 1 | 40 | 24.71 | 0.296 | 24.69 | 0.294 | 24.78 | 0.301 | |
| | | | 1 | 77 | 24.63 | 0.290 | 24.71 | 0.296 | 24.68 | 0.294 | |
| | | | 36 | 0 | 24.09 | 0.256 | 24.21 | 0.264 | 24.14 | 0.259 | |
| | | | 36 | 22 | 24.65 | 0.292 | 24.64 | 0.291 | 24.60 | 0.288 | |
| | | | 36 | 43 | 24.14 | 0.259 | 24.20 | 0.263 | 24.20 | 0.263 | |
| | | | 75 | 0 | 24.09 | 0.256 | 24.31 | 0.270 | 24.27 | 0.267 | |
| | | | DFT-S-OFDM 16QAM | 1 | 1 | 24.70 | 0.295 | 24.79 | 0.301 | 24.77 | 0.300 |
| | | | | 1 | 40 | 24.77 | 0.300 | 24.75 | 0.299 | 24.58 | 0.287 |
| | | | | 1 | 77 | 24.77 | 0.300 | 24.72 | 0.296 | 24.62 | 0.290 |
| | | | | 36 | 0 | 23.65 | 0.232 | 23.82 | 0.241 | 23.78 | 0.239 |
| | | | | 36 | 22 | 24.77 | 0.300 | 24.72 | 0.296 | 24.67 | 0.293 |
| 36 | 43 | 23.81 | | 0.240 | 23.68 | 0.233 | 23.68 | 0.233 | | | |
| DFT-S-OFDM 64QAM | 75 | 0 | 23.68 | 0.233 | 23.70 | 0.234 | 23.60 | 0.229 | | | |
| | 1 | 1 | 23.69 | 0.234 | 23.76 | 0.238 | 23.73 | 0.236 | | | |
| | 1 | 1 | 22.26 | 0.168 | 22.32 | 0.171 | 22.28 | 0.169 | | | |
| | 1 | 1 | 23.15 | 0.207 | 23.16 | 0.207 | 23.24 | 0.211 | | | |
| | 1 | 1 | 22.71 | 0.187 | 22.84 | 0.192 | 22.74 | 0.188 | | | |
| | 1 | 1 | 21.13 | 0.130 | 21.31 | 0.135 | 21.28 | 0.134 | | | |

| NR Band 13 | | | | | | | | | | |
|---------------|-----------|------------------|---------|-----------|------------------------|--------------|------------------|--------------|--------------------|--------------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 155900 (779.5 MHz) | | 156400 (782 MHz) | | 156900 (784.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.41 | 0.276 | 24.49 | 0.281 | 24.45 | 0.279 |
| | | | 1 | 13 | 24.56 | 0.286 | 24.58 | 0.287 | 24.70 | 0.295 |
| | | | 1 | 23 | 24.57 | 0.286 | 24.52 | 0.283 | 24.36 | 0.273 |
| | | | 12 | 0 | 23.15 | 0.207 | 23.13 | 0.206 | 23.23 | 0.210 |
| | | | 12 | 7 | 24.01 | 0.252 | 24.06 | 0.255 | 24.07 | 0.255 |
| | | | 12 | 13 | 23.97 | 0.249 | 24.19 | 0.262 | 24.09 | 0.256 |
| | | | 25 | 0 | 24.11 | 0.258 | 24.20 | 0.263 | 24.10 | 0.257 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.22 | 0.264 | 24.47 | 0.280 | 24.42 | 0.277 |
| | | | 1 | 13 | 24.40 | 0.275 | 24.46 | 0.279 | 24.37 | 0.274 |
| | | | 1 | 23 | 24.65 | 0.292 | 24.39 | 0.275 | 24.27 | 0.267 |
| | | | 12 | 0 | 23.59 | 0.229 | 23.57 | 0.228 | 23.64 | 0.231 |
| | | | 12 | 7 | 24.63 | 0.290 | 24.51 | 0.282 | 24.54 | 0.284 |
| | | | 12 | 13 | 23.65 | 0.232 | 23.58 | 0.228 | 23.60 | 0.229 |
| | | 25 | 0 | 23.61 | 0.230 | 23.70 | 0.234 | 23.60 | 0.229 | |
| | | DFT-S-OFDM 16QAM | 1 | 1 | 23.02 | 0.200 | 22.97 | 0.198 | 23.56 | 0.227 |
| | | DFT-S-OFDM 64QAM | 1 | 1 | 21.91 | 0.155 | 21.97 | 0.157 | 21.95 | 0.157 |
| | | CP-OFDM QPSK | 1 | 1 | 22.86 | 0.193 | 23.01 | 0.200 | 23.00 | 0.200 |
| | | CP-OFDM 16QAM | 1 | 1 | 22.44 | 0.175 | 22.28 | 0.169 | 22.39 | 0.173 |
| CP-OFDM 64QAM | 1 | 1 | 20.96 | 0.125 | 20.83 | 0.121 | 20.83 | 0.121 | | |
| NR Band 13 | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 156400 (782 MHz) | | | | | |
| | | | | | (dB m) | (W) | | | | |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | - | - | 24.49 | 0.281 | - | - |
| | | | 1 | 26 | - | - | 24.76 | 0.299 | - | - |
| | | | 1 | 50 | - | - | 24.40 | 0.275 | - | - |
| | | | 25 | 0 | - | - | 24.43 | 0.277 | - | - |
| | | | 25 | 14 | - | - | 24.62 | 0.290 | - | - |
| | | | 25 | 27 | - | - | 24.11 | 0.258 | - | - |
| | | | 50 | 0 | - | - | 24.08 | 0.256 | - | - |
| | | DFT-S-OFDM QPSK | 1 | 1 | - | - | 24.34 | 0.272 | - | - |
| | | | 1 | 26 | - | - | 24.78 | 0.301 | - | - |
| | | | 1 | 50 | - | - | 24.33 | 0.271 | - | - |
| | | | 25 | 0 | - | - | 23.71 | 0.235 | - | - |
| | | | 25 | 14 | - | - | 24.77 | 0.300 | - | - |
| | | | 25 | 27 | - | - | 23.68 | 0.233 | - | - |
| | | 50 | 0 | - | - | 23.70 | 0.234 | - | - | |
| | | DFT-S-OFDM 16QAM | 1 | 1 | - | - | 23.16 | 0.207 | - | - |
| | | DFT-S-OFDM 64QAM | 1 | 1 | - | - | 21.98 | 0.158 | - | - |
| | | CP-OFDM QPSK | 1 | 1 | - | - | 22.92 | 0.196 | - | - |
| | | CP-OFDM 16QAM | 1 | 1 | - | - | 22.44 | 0.175 | - | - |
| CP-OFDM 64QAM | 1 | 1 | - | - | 20.94 | 0.124 | - | - | | |

| NR Band 14 | | | | | | | | | | |
|-------------|--------------|---------------------|------------|--------------|------------------------|-------|---------------------|--------------|-----------------------|--------------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 158100 (790.5 MHz) | | 158600 (793 MHz) | | 159100 (795.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.40 | 0.275 | 24.43 | 0.277 | 24.61 | 0.289 |
| | | | 1 | 13 | 24.33 | 0.271 | 24.35 | 0.272 | 24.53 | 0.284 |
| | | | 1 | 23 | 24.31 | 0.270 | 24.36 | 0.273 | 24.56 | 0.286 |
| | | | 12 | 0 | 23.91 | 0.246 | 23.98 | 0.250 | 24.05 | 0.254 |
| | | | 12 | 7 | 24.39 | 0.275 | 24.33 | 0.271 | 24.52 | 0.283 |
| | | | 12 | 13 | 23.82 | 0.241 | 23.91 | 0.246 | 24.06 | 0.255 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.42 | 0.277 | 24.49 | 0.281 | 24.73 | 0.297 |
| | | | 1 | 13 | 24.41 | 0.276 | 24.45 | 0.279 | 24.64 | 0.291 |
| | | | 1 | 23 | 24.37 | 0.274 | 24.48 | 0.281 | 24.64 | 0.291 |
| | | | 12 | 0 | 23.38 | 0.218 | 23.43 | 0.220 | 23.66 | 0.232 |
| | | | 12 | 7 | 24.36 | 0.273 | 24.40 | 0.275 | 24.64 | 0.291 |
| | | | 12 | 13 | 23.57 | 0.228 | 23.47 | 0.222 | 23.81 | 0.240 |
| | | DFT-S-OFDM 16QAM | 1 | 1 | 23.48 | 0.223 | 23.53 | 0.225 | 23.63 | 0.231 |
| | | | 1 | 1 | 21.97 | 0.157 | 21.93 | 0.156 | 22.10 | 0.162 |
| | | | 1 | 1 | 22.91 | 0.195 | 23.03 | 0.201 | 23.18 | 0.208 |
| | | | 1 | 1 | 22.43 | 0.175 | 22.39 | 0.173 | 22.69 | 0.186 |
| | | | 1 | 1 | 21.09 | 0.129 | 20.94 | 0.124 | 21.14 | 0.130 |
| | | | 1 | 1 | 21.09 | 0.129 | 20.94 | 0.124 | 21.14 | 0.130 |
| NR Band 14 | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 158600 (793 MHz) | | | | | |
| | | | | | (dB m) | (W) | | | | |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | - | - | 24.51 | 0.282 | - | - |
| | | | 1 | 26 | - | - | 24.55 | 0.285 | - | - |
| | | | 1 | 50 | - | - | 24.44 | 0.278 | - | - |
| | | | 25 | 0 | - | - | 24.19 | 0.262 | - | - |
| | | | 25 | 14 | - | - | 24.54 | 0.284 | - | - |
| | | | 25 | 27 | - | - | 23.97 | 0.249 | - | - |
| | | DFT-S-OFDM QPSK | 1 | 1 | - | - | 24.70 | 0.295 | - | - |
| | | | 1 | 26 | - | - | 24.90 | 0.309 | - | - |
| | | | 1 | 50 | - | - | 24.82 | 0.303 | - | - |
| | | | 25 | 0 | - | - | 23.68 | 0.233 | - | - |
| | | | 25 | 14 | - | - | 24.61 | 0.289 | - | - |
| | | | 25 | 27 | - | - | 23.58 | 0.228 | - | - |
| | | DFT-S-OFDM 16QAM | 1 | 1 | - | - | 23.71 | 0.235 | - | - |
| | | | 1 | 1 | - | - | 24.08 | 0.256 | - | - |
| | | | 1 | 1 | - | - | 22.00 | 0.158 | - | - |
| | | | 1 | 1 | - | - | 23.03 | 0.201 | - | - |
| | | | 1 | 1 | - | - | 22.54 | 0.179 | - | - |
| | | | 1 | 1 | - | - | 20.91 | 0.123 | - | - |

| NR Band 25/2 | | | | | | | | | | |
|--------------|-----------|------------------|---------|-----------|------------------------|--------------|----------------------|--------------|----------------------|--------------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 370500 (1 852.5 MHz) | | 376500 (1 882.5 MHz) | | 382500 (1 912.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.41 | 0.219 | 23.42 | 0.220 | 23.46 | 0.222 |
| | | | 1 | 13 | 23.45 | 0.221 | 23.41 | 0.219 | 23.45 | 0.221 |
| | | | 1 | 23 | 23.47 | 0.222 | 23.46 | 0.222 | 23.44 | 0.221 |
| | | | 12 | 0 | 22.95 | 0.197 | 22.91 | 0.195 | 22.93 | 0.196 |
| | | | 12 | 7 | 23.43 | 0.220 | 23.45 | 0.221 | 23.41 | 0.219 |
| | | | 12 | 13 | 22.94 | 0.197 | 22.96 | 0.198 | 22.92 | 0.196 |
| | | DFT-S-OFDM QPSK | 25 | 0 | 22.95 | 0.197 | 22.98 | 0.199 | 22.97 | 0.198 |
| | | | 1 | 1 | 23.42 | 0.220 | 23.43 | 0.220 | 23.49 | 0.223 |
| | | | 1 | 13 | 23.45 | 0.221 | 23.43 | 0.220 | 23.46 | 0.222 |
| | | | 1 | 23 | 23.41 | 0.219 | 23.44 | 0.221 | 23.46 | 0.222 |
| | | | 12 | 0 | 22.47 | 0.177 | 22.42 | 0.175 | 22.43 | 0.175 |
| | | | 12 | 7 | 23.45 | 0.221 | 23.40 | 0.219 | 23.42 | 0.220 |
| | | DFT-S-OFDM 16QAM | 12 | 13 | 22.46 | 0.176 | 22.41 | 0.174 | 22.35 | 0.172 |
| | | | 25 | 0 | 22.43 | 0.175 | 22.47 | 0.177 | 22.48 | 0.177 |
| | | | 1 | 1 | 22.43 | 0.175 | 22.43 | 0.175 | 22.40 | 0.174 |
| | | | 1 | 1 | 21.10 | 0.129 | 21.11 | 0.129 | 21.13 | 0.130 |
| | | | 1 | 1 | 22.01 | 0.159 | 21.97 | 0.157 | 21.92 | 0.156 |
| | | | 1 | 1 | 21.45 | 0.140 | 21.46 | 0.140 | 21.55 | 0.143 |
| NR Band 25/2 | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 371000 (1 855 MHz) | | 376500 (1 882.5 MHz) | | 382000 (1 910 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.54 | 0.226 | 23.47 | 0.222 | 23.45 | 0.221 |
| | | | 1 | 26 | 23.51 | 0.224 | 23.42 | 0.220 | 23.44 | 0.221 |
| | | | 1 | 50 | 23.60 | 0.229 | 23.42 | 0.220 | 23.48 | 0.223 |
| | | | 25 | 0 | 23.09 | 0.204 | 23.08 | 0.203 | 23.13 | 0.206 |
| | | | 25 | 14 | 23.47 | 0.222 | 23.57 | 0.228 | 23.51 | 0.224 |
| | | | 25 | 27 | 23.08 | 0.203 | 23.17 | 0.207 | 23.02 | 0.200 |
| | | DFT-S-OFDM QPSK | 50 | 0 | 23.02 | 0.200 | 23.14 | 0.206 | 23.04 | 0.201 |
| | | | 1 | 1 | 23.50 | 0.224 | 23.63 | 0.231 | 23.42 | 0.220 |
| | | | 1 | 26 | 23.45 | 0.221 | 23.54 | 0.226 | 23.47 | 0.222 |
| | | | 1 | 50 | 23.61 | 0.230 | 23.67 | 0.233 | 23.45 | 0.221 |
| | | | 25 | 0 | 22.54 | 0.179 | 22.57 | 0.181 | 22.46 | 0.176 |
| | | | 25 | 14 | 23.43 | 0.220 | 23.57 | 0.228 | 23.50 | 0.224 |
| | | DFT-S-OFDM 16QAM | 25 | 27 | 22.53 | 0.179 | 22.63 | 0.183 | 22.66 | 0.185 |
| | | | 50 | 0 | 22.52 | 0.179 | 22.66 | 0.185 | 22.72 | 0.187 |
| | | | 1 | 1 | 22.48 | 0.177 | 22.62 | 0.183 | 22.68 | 0.185 |
| | | | 1 | 1 | 21.25 | 0.133 | 21.08 | 0.128 | 20.92 | 0.124 |
| | | | 1 | 1 | 22.10 | 0.162 | 21.96 | 0.157 | 21.86 | 0.153 |
| | | | 1 | 1 | 21.49 | 0.141 | 21.57 | 0.144 | 21.44 | 0.139 |
| NR Band 25/2 | | | | | | | | | | |
| 1 | 1 | 20.04 | 0.101 | 20.05 | 0.101 | 19.90 | 0.098 | | | |

| NR Band 25/2 | | | | | | | | | | |
|--------------|-----------|------------------|---------|-----------|------------------------|--------------|----------------------|--------------|----------------------|--------------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 371500 (1 857.5 MHz) | | 376500 (1 882.5 MHz) | | 381500 (1 907.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.57 | 0.228 | 23.53 | 0.225 | 23.66 | 0.232 |
| | | | 1 | 40 | 23.53 | 0.225 | 23.52 | 0.225 | 23.60 | 0.229 |
| | | | 1 | 77 | 23.53 | 0.225 | 23.55 | 0.226 | 23.57 | 0.228 |
| | | | 36 | 0 | 23.03 | 0.201 | 22.96 | 0.198 | 23.09 | 0.204 |
| | | | 36 | 22 | 23.46 | 0.222 | 23.41 | 0.219 | 23.53 | 0.225 |
| | | | 36 | 43 | 23.07 | 0.203 | 23.06 | 0.202 | 23.04 | 0.201 |
| | | DFT-S-OFDM QPSK | 75 | 0 | 23.06 | 0.202 | 23.04 | 0.201 | 23.04 | 0.201 |
| | | | 1 | 1 | 23.49 | 0.223 | 23.45 | 0.221 | 23.61 | 0.230 |
| | | | 1 | 40 | 23.45 | 0.221 | 23.49 | 0.223 | 23.46 | 0.222 |
| | | | 1 | 77 | 23.35 | 0.216 | 23.48 | 0.223 | 23.55 | 0.226 |
| | | | 36 | 0 | 22.43 | 0.175 | 22.51 | 0.178 | 22.60 | 0.182 |
| | | | 36 | 22 | 23.46 | 0.222 | 23.54 | 0.226 | 23.56 | 0.227 |
| | | DFT-S-OFDM 16QAM | 36 | 43 | 22.35 | 0.172 | 22.51 | 0.178 | 22.79 | 0.190 |
| | | | 75 | 0 | 22.47 | 0.177 | 22.59 | 0.182 | 22.80 | 0.191 |
| | | | 1 | 1 | 22.59 | 0.182 | 22.44 | 0.175 | 22.63 | 0.183 |
| | | | 1 | 1 | 21.06 | 0.128 | 21.08 | 0.128 | 21.26 | 0.134 |
| | | | 1 | 1 | 22.08 | 0.161 | 22.02 | 0.159 | 22.21 | 0.166 |
| | | | 1 | 1 | 21.63 | 0.146 | 21.51 | 0.142 | 21.70 | 0.148 |
| NR Band 25/2 | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 372000 (1 860 MHz) | | 376500 (1 882.5 MHz) | | 381000 (1 905 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 20 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.55 | 0.226 | 23.60 | 0.229 | 23.57 | 0.228 |
| | | | 1 | 53 | 23.48 | 0.223 | 23.50 | 0.224 | 23.53 | 0.225 |
| | | | 1 | 104 | 23.45 | 0.221 | 23.59 | 0.229 | 23.49 | 0.223 |
| | | | 50 | 0 | 23.15 | 0.207 | 23.10 | 0.204 | 23.02 | 0.200 |
| | | | 50 | 28 | 23.45 | 0.221 | 23.55 | 0.226 | 23.53 | 0.225 |
| | | | 50 | 56 | 22.99 | 0.199 | 23.10 | 0.204 | 23.11 | 0.205 |
| | | DFT-S-OFDM QPSK | 100 | 0 | 22.96 | 0.198 | 23.13 | 0.206 | 23.12 | 0.205 |
| | | | 1 | 1 | 23.49 | 0.223 | 23.59 | 0.229 | 23.47 | 0.222 |
| | | | 1 | 53 | 23.43 | 0.220 | 23.52 | 0.225 | 23.47 | 0.222 |
| | | | 1 | 104 | 23.42 | 0.220 | 23.54 | 0.226 | 23.38 | 0.218 |
| | | | 50 | 0 | 22.57 | 0.181 | 22.52 | 0.179 | 22.51 | 0.178 |
| | | | 50 | 28 | 23.39 | 0.218 | 23.58 | 0.228 | 23.39 | 0.218 |
| | | DFT-S-OFDM 16QAM | 50 | 56 | 22.47 | 0.177 | 22.45 | 0.176 | 22.60 | 0.182 |
| | | | 100 | 0 | 22.53 | 0.179 | 22.47 | 0.177 | 22.57 | 0.181 |
| | | | 1 | 1 | 22.50 | 0.178 | 22.51 | 0.178 | 22.59 | 0.182 |
| | | | 1 | 1 | 21.12 | 0.129 | 21.19 | 0.132 | 20.96 | 0.125 |
| | | | 1 | 1 | 22.10 | 0.162 | 22.03 | 0.160 | 22.02 | 0.159 |
| | | | 1 | 1 | 21.49 | 0.141 | 21.66 | 0.147 | 21.62 | 0.145 |
| NR Band 25/2 | | | | | | | | | | |
| 1 | 1 | 20.06 | 0.101 | 20.00 | 0.100 | 20.08 | 0.102 | | | |

| NR Band 26/5_Part 22 | | | | | | | | | | |
|----------------------|--------------|---------------------|------------|--------------|------------------------|-------|-----------------------|--------------|-----------------------|--------------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 165300 (826.5 MHz) | | 167300 (836.5 MHz) | | 169300 (846.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.23 | 0.265 | 24.25 | 0.266 | 24.29 | 0.269 |
| | | | 1 | 13 | 24.18 | 0.262 | 24.22 | 0.264 | 24.24 | 0.265 |
| | | | 1 | 23 | 24.14 | 0.259 | 24.23 | 0.265 | 24.22 | 0.264 |
| | | | 12 | 0 | 23.77 | 0.238 | 23.81 | 0.240 | 23.86 | 0.243 |
| | | | 12 | 7 | 24.20 | 0.263 | 24.20 | 0.263 | 24.22 | 0.264 |
| | | | 12 | 13 | 23.67 | 0.233 | 23.77 | 0.238 | 23.86 | 0.243 |
| | | 25 | 0 | 23.64 | 0.231 | 23.65 | 0.232 | 23.83 | 0.242 | |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.14 | 0.259 | 24.32 | 0.270 | 24.30 | 0.269 |
| | | | 1 | 13 | 24.05 | 0.254 | 24.26 | 0.267 | 24.28 | 0.268 |
| | | | 1 | 23 | 24.08 | 0.256 | 24.31 | 0.270 | 24.21 | 0.264 |
| | | | 12 | 0 | 23.26 | 0.212 | 23.23 | 0.210 | 23.31 | 0.214 |
| | | | 12 | 7 | 24.14 | 0.259 | 24.23 | 0.265 | 24.24 | 0.265 |
| | | | 12 | 13 | 23.19 | 0.208 | 23.25 | 0.211 | 23.16 | 0.207 |
| | | 25 | 0 | 23.24 | 0.211 | 23.35 | 0.216 | 23.40 | 0.219 | |
| | | DFT-S-OFDM 16QAM | 1 | 1 | 23.17 | 0.207 | 23.35 | 0.216 | 23.19 | 0.208 |
| | | DFT-S-OFDM 64QAM | 1 | 1 | 21.69 | 0.148 | 21.78 | 0.151 | 21.71 | 0.148 |
| | | CP-OFDM QPSK | 1 | 1 | 22.67 | 0.185 | 22.68 | 0.185 | 22.89 | 0.195 |
| | | CP-OFDM 16QAM | 1 | 1 | 22.23 | 0.167 | 22.16 | 0.164 | 22.38 | 0.173 |
| CP-OFDM 64QAM | 1 | 1 | 20.78 | 0.120 | 20.74 | 0.119 | 20.82 | 0.121 | | |
| NR Band 26/5_Part 22 | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 165800 (829 MHz) | | 167300 (836.5 MHz) | | 168800 (844 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.34 | 0.272 | 24.39 | 0.275 | 24.46 | 0.279 |
| | | | 1 | 26 | 24.18 | 0.262 | 24.33 | 0.271 | 24.37 | 0.274 |
| | | | 1 | 50 | 24.24 | 0.265 | 24.29 | 0.269 | 24.34 | 0.272 |
| | | | 25 | 0 | 23.83 | 0.242 | 23.79 | 0.239 | 23.99 | 0.251 |
| | | | 25 | 14 | 24.33 | 0.271 | 24.41 | 0.276 | 24.38 | 0.274 |
| | | | 25 | 27 | 23.77 | 0.238 | 23.92 | 0.247 | 23.87 | 0.244 |
| | | 50 | 0 | 23.66 | 0.232 | 23.95 | 0.248 | 23.95 | 0.248 | |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.19 | 0.262 | 24.48 | 0.281 | 24.55 | 0.285 |
| | | | 1 | 26 | 24.25 | 0.266 | 24.42 | 0.277 | 24.45 | 0.279 |
| | | | 1 | 50 | 24.14 | 0.259 | 24.36 | 0.273 | 24.33 | 0.271 |
| | | | 25 | 0 | 23.27 | 0.212 | 23.48 | 0.223 | 23.56 | 0.227 |
| | | | 25 | 14 | 24.18 | 0.262 | 24.34 | 0.272 | 24.38 | 0.274 |
| | | | 25 | 27 | 23.29 | 0.213 | 23.29 | 0.213 | 23.32 | 0.215 |
| | | 50 | 0 | 23.29 | 0.213 | 23.24 | 0.211 | 23.56 | 0.227 | |
| | | DFT-S-OFDM 16QAM | 1 | 1 | 23.16 | 0.207 | 23.44 | 0.221 | 23.50 | 0.224 |
| | | DFT-S-OFDM 64QAM | 1 | 1 | 21.72 | 0.149 | 21.94 | 0.156 | 21.87 | 0.154 |
| | | CP-OFDM QPSK | 1 | 1 | 22.65 | 0.184 | 22.88 | 0.194 | 22.94 | 0.197 |
| | | CP-OFDM 16QAM | 1 | 1 | 22.26 | 0.168 | 22.32 | 0.171 | 22.45 | 0.176 |
| CP-OFDM 64QAM | 1 | 1 | 20.74 | 0.119 | 20.84 | 0.121 | 20.87 | 0.122 | | |

| NR Band 26/5_Part 22 | | | | | | | | | | |
|----------------------|--------------|---------------------|------------|--------------|------------------------|--------------|-----------------------|--------------|-----------------------|--------------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 166300 (831.5 MHz) | | 167300 (836.5 MHz) | | 168300 (841.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.19 | 0.262 | 24.29 | 0.269 | 24.44 | 0.278 |
| | | | 1 | 40 | 24.13 | 0.259 | 24.29 | 0.269 | 24.48 | 0.281 |
| | | | 1 | 77 | 24.14 | 0.259 | 24.20 | 0.263 | 24.51 | 0.282 |
| | | | 36 | 0 | 23.69 | 0.234 | 23.71 | 0.235 | 23.99 | 0.251 |
| | | | 36 | 22 | 24.10 | 0.257 | 24.36 | 0.273 | 24.48 | 0.281 |
| | | | 36 | 43 | 23.79 | 0.239 | 23.81 | 0.240 | 24.04 | 0.254 |
| | | DFT-S-OFDM QPSK | 75 | 0 | 23.73 | 0.236 | 23.89 | 0.245 | 23.88 | 0.244 |
| | | | 1 | 1 | 24.29 | 0.269 | 24.21 | 0.264 | 24.39 | 0.275 |
| | | | 1 | 40 | 24.11 | 0.258 | 24.39 | 0.275 | 24.54 | 0.284 |
| | | | 1 | 77 | 24.14 | 0.259 | 24.38 | 0.274 | 24.36 | 0.273 |
| | | | 36 | 0 | 23.25 | 0.211 | 23.39 | 0.218 | 23.49 | 0.223 |
| | | | 36 | 22 | 24.15 | 0.260 | 24.33 | 0.271 | 24.45 | 0.279 |
| | | DFT-S-OFDM 16QAM | 36 | 43 | 23.17 | 0.207 | 23.19 | 0.208 | 23.30 | 0.214 |
| | | | 75 | 0 | 23.07 | 0.203 | 23.33 | 0.215 | 23.35 | 0.216 |
| | | | 1 | 1 | 23.21 | 0.209 | 23.23 | 0.210 | 23.37 | 0.217 |
| | | | 1 | 1 | 21.60 | 0.145 | 21.69 | 0.148 | 21.86 | 0.153 |
| | | | 1 | 1 | 22.79 | 0.190 | 22.69 | 0.186 | 22.99 | 0.199 |
| | | | 1 | 1 | 22.28 | 0.169 | 22.25 | 0.168 | 22.46 | 0.176 |
| NR Band 26/5_Part 22 | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 166800 (834 MHz) | | 167300 (836.5 MHz) | | 167800 (839 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 20 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.24 | 0.265 | 24.30 | 0.269 | 24.35 | 0.272 |
| | | | 1 | 53 | 24.07 | 0.255 | 24.46 | 0.279 | 24.24 | 0.265 |
| | | | 1 | 104 | 24.06 | 0.255 | 24.30 | 0.269 | 24.35 | 0.272 |
| | | | 50 | 0 | 23.65 | 0.232 | 23.89 | 0.245 | 23.92 | 0.247 |
| | | | 50 | 28 | 24.22 | 0.264 | 24.10 | 0.257 | 24.35 | 0.272 |
| | | | 50 | 56 | 23.68 | 0.233 | 23.84 | 0.242 | 23.84 | 0.242 |
| | | DFT-S-OFDM QPSK | 100 | 0 | 23.66 | 0.232 | 23.84 | 0.242 | 23.90 | 0.245 |
| | | | 1 | 1 | 24.30 | 0.269 | 24.11 | 0.258 | 24.32 | 0.270 |
| | | | 1 | 53 | 24.36 | 0.273 | 24.26 | 0.267 | 24.30 | 0.269 |
| | | | 1 | 104 | 24.27 | 0.267 | 24.43 | 0.277 | 24.17 | 0.261 |
| | | | 50 | 0 | 23.37 | 0.217 | 23.24 | 0.211 | 23.50 | 0.224 |
| | | | 50 | 28 | 24.07 | 0.255 | 24.34 | 0.272 | 24.45 | 0.279 |
| | | DFT-S-OFDM 16QAM | 50 | 56 | 23.16 | 0.207 | 23.40 | 0.219 | 23.41 | 0.219 |
| | | | 100 | 0 | 23.27 | 0.212 | 23.34 | 0.216 | 23.27 | 0.212 |
| | | | 1 | 1 | 23.18 | 0.208 | 23.34 | 0.216 | 23.31 | 0.214 |
| | | | 1 | 1 | 21.58 | 0.144 | 21.95 | 0.157 | 21.82 | 0.152 |
| | | | 1 | 1 | 22.75 | 0.188 | 22.94 | 0.197 | 22.98 | 0.199 |
| | | | 1 | 1 | 22.37 | 0.173 | 22.32 | 0.171 | 22.29 | 0.169 |
| NR Band 26/5_Part 22 | | | | | | | | | | |
| 1 | 1 | 20.66 | 0.116 | 20.80 | 0.120 | 20.76 | 0.119 | | | |

| NR Band 26_Part 90 | | | | | | | | | | |
|--------------------|--------------|---------------------|------------|--------------|------------------------|-------|---------------------|--------------|-----------------------|--------------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 163300 (816.5 MHz) | | 163800 (819 MHz) | | 164300 (821.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.23 | 0.265 | 24.43 | 0.277 | 24.40 | 0.275 |
| | | | 1 | 13 | 24.16 | 0.261 | 24.41 | 0.276 | 24.36 | 0.273 |
| | | | 1 | 23 | 24.15 | 0.260 | 24.40 | 0.275 | 24.38 | 0.274 |
| | | | 12 | 0 | 23.72 | 0.236 | 23.94 | 0.248 | 23.94 | 0.248 |
| | | | 12 | 7 | 24.22 | 0.264 | 24.36 | 0.273 | 24.35 | 0.272 |
| | | | 12 | 13 | 23.71 | 0.235 | 24.03 | 0.253 | 23.97 | 0.249 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.30 | 0.269 | 24.37 | 0.274 | 24.17 | 0.261 |
| | | | 1 | 13 | 24.21 | 0.264 | 24.30 | 0.269 | 24.15 | 0.260 |
| | | | 1 | 23 | 24.22 | 0.264 | 24.30 | 0.269 | 24.17 | 0.261 |
| | | | 12 | 0 | 23.34 | 0.216 | 23.23 | 0.210 | 23.15 | 0.207 |
| | | | 12 | 7 | 24.25 | 0.266 | 24.30 | 0.269 | 24.15 | 0.260 |
| | | | 12 | 13 | 23.33 | 0.215 | 23.25 | 0.211 | 23.31 | 0.214 |
| | | DFT-S-OFDM 16QAM | 1 | 1 | 23.18 | 0.208 | 23.51 | 0.224 | 23.44 | 0.221 |
| | | | 1 | 1 | 21.70 | 0.148 | 21.99 | 0.158 | 21.85 | 0.153 |
| | | | 1 | 1 | 22.79 | 0.190 | 22.97 | 0.198 | 22.81 | 0.191 |
| | | | 1 | 1 | 22.25 | 0.168 | 22.34 | 0.171 | 22.42 | 0.175 |
| | | | 1 | 1 | 20.82 | 0.121 | 20.98 | 0.125 | 20.99 | 0.126 |
| | | | 1 | 1 | 20.82 | 0.121 | 20.98 | 0.125 | 20.99 | 0.126 |

| NR Band 26_Part 90 | | | | | | | | | | |
|--------------------|--------------|---------------------|------------|--------------|------------------------|-----|--------------|--------------|---|---|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 163800 (819 MHz) | | | | | |
| | | | | | (dB m) | (W) | | | | |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | - | - | 24.43 | 0.277 | - | - |
| | | | 1 | 26 | - | - | 24.37 | 0.274 | - | - |
| | | | 1 | 50 | - | - | 24.46 | 0.279 | - | - |
| | | | 25 | 0 | - | - | 24.00 | 0.251 | - | - |
| | | | 25 | 14 | - | - | 24.41 | 0.276 | - | - |
| | | | 25 | 27 | - | - | 23.99 | 0.251 | - | - |
| | | DFT-S-OFDM QPSK | 1 | 1 | - | - | 24.47 | 0.280 | - | - |
| | | | 1 | 26 | - | - | 24.42 | 0.277 | - | - |
| | | | 1 | 50 | - | - | 24.36 | 0.273 | - | - |
| | | | 25 | 0 | - | - | 23.58 | 0.228 | - | - |
| | | | 25 | 14 | - | - | 24.41 | 0.276 | - | - |
| | | | 25 | 27 | - | - | 23.35 | 0.216 | - | - |
| | | DFT-S-OFDM 16QAM | 1 | 1 | - | - | 23.42 | 0.220 | - | - |
| | | | 1 | 1 | - | - | 23.44 | 0.221 | - | - |
| | | | 1 | 1 | - | - | 22.06 | 0.161 | - | - |
| | | | 1 | 1 | - | - | 22.93 | 0.196 | - | - |
| | | | 1 | 1 | - | - | 22.54 | 0.179 | - | - |
| | | | 1 | 1 | - | - | 20.92 | 0.124 | - | - |

| NR Band 66 | | | | | | | | | | |
|------------------|--------------|---------------------|------------|--------------|-------------------------|--------------|-------------------------|--------------|-------------------------|--------------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 342500 (1 712.5 MHz) | | 349000 (1 745.0 MHz) | | 355500 (1 777.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 22.74 | 0.188 | 22.64 | 0.184 | 22.68 | 0.185 |
| | | | 1 | 13 | 22.82 | 0.191 | 22.58 | 0.181 | 22.71 | 0.187 |
| | | | 1 | 23 | 22.69 | 0.186 | 22.71 | 0.187 | 22.72 | 0.187 |
| | | | 12 | 0 | 22.14 | 0.164 | 22.10 | 0.162 | 22.26 | 0.168 |
| | | | 12 | 7 | 22.74 | 0.188 | 22.71 | 0.187 | 22.65 | 0.184 |
| | | | 12 | 13 | 22.14 | 0.164 | 22.13 | 0.163 | 22.18 | 0.165 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 22.95 | 0.197 | 22.56 | 0.180 | 22.78 | 0.190 |
| | | | 1 | 13 | 22.70 | 0.186 | 22.59 | 0.182 | 22.76 | 0.189 |
| | | | 1 | 23 | 22.78 | 0.190 | 22.62 | 0.183 | 22.66 | 0.185 |
| | | | 12 | 0 | 21.75 | 0.150 | 21.66 | 0.147 | 21.64 | 0.146 |
| | | | 12 | 7 | 22.66 | 0.185 | 22.60 | 0.182 | 22.64 | 0.184 |
| | | | 12 | 13 | 21.84 | 0.153 | 21.78 | 0.151 | 21.69 | 0.148 |
| | | DFT-S-OFDM 16QAM | 1 | 1 | 21.69 | 0.148 | 21.63 | 0.146 | 21.72 | 0.149 |
| | | DFT-S-OFDM 64QAM | 1 | 1 | 20.25 | 0.106 | 20.11 | 0.103 | 20.10 | 0.102 |
| | | CP-OFDM QPSK | 1 | 1 | 21.14 | 0.130 | 21.07 | 0.128 | 21.12 | 0.129 |
| | | CP-OFDM 16QAM | 1 | 1 | 20.71 | 0.118 | 20.59 | 0.115 | 20.65 | 0.116 |
| CP-OFDM 64QAM | 1 | 1 | 19.32 | 0.086 | 19.10 | 0.081 | 19.09 | 0.081 | | |
| NR Band 66 | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 343000 (1 715.0 MHz) | | 349000 (1 745.0 MHz) | | 355000 (1 775.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 22.76 | 0.189 | 22.70 | 0.186 | 22.77 | 0.189 |
| | | | 1 | 26 | 22.79 | 0.190 | 22.61 | 0.182 | 22.73 | 0.187 |
| | | | 1 | 50 | 22.71 | 0.187 | 22.76 | 0.189 | 22.75 | 0.188 |
| | | | 25 | 0 | 22.29 | 0.169 | 22.14 | 0.164 | 22.17 | 0.165 |
| | | | 25 | 14 | 22.70 | 0.186 | 22.72 | 0.187 | 22.73 | 0.187 |
| | | | 25 | 27 | 22.30 | 0.170 | 22.24 | 0.167 | 22.29 | 0.169 |
| | | DFT-S-OFDM QPSK | 50 | 0 | 22.34 | 0.171 | 22.23 | 0.167 | 22.33 | 0.171 |
| | | | 1 | 1 | 22.77 | 0.189 | 22.67 | 0.185 | 22.67 | 0.185 |
| | | | 1 | 26 | 22.81 | 0.191 | 22.77 | 0.189 | 22.71 | 0.187 |
| | | | 1 | 50 | 22.71 | 0.187 | 22.69 | 0.186 | 22.82 | 0.191 |
| | | | 25 | 0 | 21.69 | 0.148 | 21.59 | 0.144 | 21.90 | 0.155 |
| | | | 25 | 14 | 21.70 | 0.148 | 21.75 | 0.150 | 21.75 | 0.150 |
| | | DFT-S-OFDM 16QAM | 25 | 27 | 21.62 | 0.145 | 21.76 | 0.150 | 21.64 | 0.146 |
| | | | 50 | 0 | 21.82 | 0.152 | 21.78 | 0.151 | 21.68 | 0.147 |
| | | | 1 | 1 | 21.73 | 0.149 | 21.63 | 0.146 | 21.68 | 0.147 |
| | | | 1 | 1 | 20.16 | 0.104 | 20.19 | 0.104 | 20.28 | 0.107 |
| CP-OFDM QPSK | 1 | 1 | 21.21 | 0.132 | 21.21 | 0.132 | 21.24 | 0.133 | | |
| CP-OFDM 16QAM | 1 | 1 | 20.79 | 0.120 | 20.75 | 0.119 | 20.81 | 0.121 | | |
| CP-OFDM 64QAM | 1 | 1 | 19.22 | 0.084 | 19.28 | 0.085 | 19.37 | 0.086 | | |

| NR Band 66 | | | | | | | | | | |
|------------------|--------------|---------------------|------------|--------------|-------------------------|--------------|-------------------------|--------------|-------------------------|--------------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 343500 (1 717.5 MHz) | | 349000 (1 745.0 MHz) | | 354500 (1 772.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 22.81 | 0.191 | 22.82 | 0.191 | 22.70 | 0.186 |
| | | | 1 | 40 | 22.85 | 0.193 | 22.83 | 0.192 | 22.76 | 0.189 |
| | | | 1 | 77 | 22.90 | 0.195 | 22.80 | 0.191 | 22.60 | 0.182 |
| | | | 36 | 0 | 22.31 | 0.170 | 22.26 | 0.168 | 22.16 | 0.164 |
| | | | 36 | 22 | 22.88 | 0.194 | 22.79 | 0.190 | 22.78 | 0.190 |
| | | | 36 | 43 | 22.22 | 0.167 | 22.33 | 0.171 | 22.22 | 0.167 |
| | | | 75 | 0 | 22.31 | 0.170 | 22.41 | 0.174 | 22.15 | 0.164 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 22.80 | 0.191 | 22.92 | 0.196 | 22.69 | 0.186 |
| | | | 1 | 40 | 22.75 | 0.188 | 22.79 | 0.190 | 22.79 | 0.190 |
| | | | 1 | 77 | 22.85 | 0.193 | 22.72 | 0.187 | 22.76 | 0.189 |
| | | | 36 | 0 | 21.68 | 0.147 | 21.71 | 0.148 | 21.64 | 0.146 |
| | | | 36 | 22 | 22.72 | 0.187 | 22.86 | 0.193 | 22.64 | 0.184 |
| | | | 36 | 43 | 21.81 | 0.152 | 21.93 | 0.156 | 21.74 | 0.149 |
| | | | 75 | 0 | 21.95 | 0.157 | 21.92 | 0.156 | 21.62 | 0.145 |
| | | DFT-S-OFDM 16QAM | 1 | 1 | 21.82 | 0.152 | 21.76 | 0.150 | 21.74 | 0.149 |
| | | DFT-S-OFDM 64QAM | 1 | 1 | 20.24 | 0.106 | 20.34 | 0.108 | 20.27 | 0.106 |
| | | CP-OFDM QPSK | 1 | 1 | 21.27 | 0.134 | 21.24 | 0.133 | 21.30 | 0.135 |
| | | CP-OFDM 16QAM | 1 | 1 | 20.77 | 0.119 | 20.91 | 0.123 | 20.71 | 0.118 |
| CP-OFDM 64QAM | 1 | 1 | 19.39 | 0.087 | 19.33 | 0.086 | 19.12 | 0.082 | | |
| NR Band 66 | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 344000 (1 720.0 MHz) | | 349000 (1 745.0 MHz) | | 354000 (1 770.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 20 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 22.84 | 0.192 | 22.91 | 0.195 | 22.82 | 0.191 |
| | | | 1 | 53 | 22.86 | 0.193 | 22.81 | 0.191 | 22.91 | 0.195 |
| | | | 1 | 104 | 22.94 | 0.197 | 22.92 | 0.196 | 22.89 | 0.195 |
| | | | 50 | 0 | 22.44 | 0.175 | 22.36 | 0.172 | 22.29 | 0.169 |
| | | | 50 | 28 | 22.86 | 0.193 | 22.92 | 0.196 | 22.89 | 0.195 |
| | | | 50 | 56 | 22.34 | 0.171 | 22.31 | 0.170 | 22.37 | 0.173 |
| | | | 100 | 0 | 22.39 | 0.173 | 22.32 | 0.171 | 22.28 | 0.169 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 22.90 | 0.195 | 22.83 | 0.192 | 22.91 | 0.195 |
| | | | 1 | 53 | 22.80 | 0.191 | 22.95 | 0.197 | 22.89 | 0.195 |
| | | | 1 | 104 | 22.77 | 0.189 | 22.81 | 0.191 | 22.85 | 0.193 |
| | | | 50 | 0 | 21.94 | 0.156 | 21.76 | 0.150 | 21.74 | 0.149 |
| | | | 50 | 28 | 22.86 | 0.193 | 22.81 | 0.191 | 22.86 | 0.193 |
| | | | 50 | 56 | 21.85 | 0.153 | 21.99 | 0.158 | 21.71 | 0.148 |
| | | | 100 | 0 | 21.85 | 0.153 | 21.95 | 0.157 | 21.69 | 0.148 |
| | | DFT-S-OFDM 16QAM | 1 | 1 | 21.74 | 0.149 | 21.94 | 0.156 | 21.86 | 0.153 |
| | | DFT-S-OFDM 64QAM | 1 | 1 | 20.39 | 0.109 | 20.50 | 0.112 | 20.25 | 0.106 |
| | | CP-OFDM QPSK | 1 | 1 | 21.44 | 0.139 | 21.44 | 0.139 | 21.29 | 0.135 |
| | | CP-OFDM 16QAM | 1 | 1 | 20.91 | 0.123 | 20.83 | 0.121 | 20.80 | 0.120 |
| CP-OFDM 64QAM | 1 | 1 | 19.43 | 0.088 | 19.37 | 0.086 | 19.29 | 0.085 | | |

| NR Band 66 | | | | | | | | | | |
|-------------|--------------|---------------------|------------|--------------|-------------------------|---|--------------|--------------|---|---|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 349000 (1 745.0 MHz) | | | | | |
| | | | | | | | (dB m) | (W) | | |
| 40 | 15 | DFT-S-OFDM BPSK | 1 | 1 | - | - | 22.94 | 0.197 | - | - |
| | | | 1 | 108 | - | - | 22.89 | 0.195 | - | - |
| | | | 1 | 214 | - | - | 22.91 | 0.195 | - | - |
| | | | 108 | 0 | - | - | 22.34 | 0.171 | - | - |
| | | | 108 | 54 | - | - | 22.91 | 0.195 | - | - |
| | | | 108 | 108 | - | - | 22.42 | 0.175 | - | - |
| | | | 216 | 0 | - | - | 22.37 | 0.173 | - | - |
| | | DFT-S-OFDM QPSK | 1 | 1 | - | - | 22.92 | 0.196 | - | - |
| | | | 1 | 108 | - | - | 22.86 | 0.193 | - | - |
| | | | 1 | 214 | - | - | 22.89 | 0.195 | - | - |
| | | | 108 | 0 | - | - | 22.03 | 0.160 | - | - |
| | | | 108 | 54 | - | - | 22.89 | 0.195 | - | - |
| | | | 108 | 108 | - | - | 21.82 | 0.152 | - | - |
| | | DFT-S-OFDM 16QAM | 1 | 1 | - | - | 21.94 | 0.156 | - | - |
| | | | 1 | 1 | - | - | 20.49 | 0.112 | - | - |
| | | | 1 | 1 | - | - | 21.48 | 0.141 | - | - |
| | | | 1 | 1 | - | - | 20.90 | 0.123 | - | - |
| | | | 1 | 1 | - | - | 19.31 | 0.085 | - | - |

| NR Band 71 | | | | | | | | | | |
|-------------|--------------|---------------------|------------|--------------|------------------------|-------|-----------------------|-------|-----------------------|--------------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 133100 (665.5 MHz) | | 136100 (680.5 MHz) | | 139100 (695.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.29 | 0.269 | 24.29 | 0.269 | 24.46 | 0.279 |
| | | | 1 | 13 | 24.29 | 0.269 | 24.29 | 0.269 | 24.40 | 0.275 |
| | | | 1 | 23 | 24.33 | 0.271 | 24.21 | 0.264 | 24.25 | 0.266 |
| | | | 12 | 0 | 23.88 | 0.244 | 23.73 | 0.236 | 24.00 | 0.251 |
| | | | 12 | 7 | 24.31 | 0.270 | 24.28 | 0.268 | 24.45 | 0.279 |
| | | | 12 | 13 | 23.81 | 0.240 | 23.82 | 0.241 | 23.98 | 0.250 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.28 | 0.268 | 24.31 | 0.270 | 24.44 | 0.278 |
| | | | 1 | 13 | 24.32 | 0.270 | 24.31 | 0.270 | 24.44 | 0.278 |
| | | | 1 | 23 | 24.31 | 0.270 | 24.25 | 0.266 | 24.22 | 0.264 |
| | | | 12 | 0 | 23.29 | 0.213 | 23.27 | 0.212 | 23.26 | 0.212 |
| | | | 12 | 7 | 24.31 | 0.270 | 24.30 | 0.269 | 24.41 | 0.276 |
| | | | 12 | 13 | 23.29 | 0.213 | 23.31 | 0.214 | 23.44 | 0.221 |
| | | DFT-S-OFDM 16QAM | 1 | 1 | 23.20 | 0.209 | 23.35 | 0.216 | 23.39 | 0.218 |
| | | | 1 | 1 | 21.72 | 0.149 | 21.78 | 0.151 | 21.94 | 0.156 |
| | | | 1 | 1 | 22.78 | 0.190 | 22.74 | 0.188 | 22.98 | 0.199 |
| | | | 1 | 1 | 22.35 | 0.172 | 22.21 | 0.166 | 22.37 | 0.173 |
| | | | 1 | 1 | 20.70 | 0.117 | 20.72 | 0.118 | 20.82 | 0.121 |
| | | | 1 | 1 | 20.70 | 0.117 | 20.72 | 0.118 | 20.82 | 0.121 |

| NR Band 71 | | | | | | | | | | |
|-------------|--------------|---------------------|------------|--------------|------------------------|--------------|-----------------------|-------|-----------------------|--------------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 133600 (668.0 MHz) | | 136100 (680.5 MHz) | | 138600 (693.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.34 | 0.272 | 24.10 | 0.257 | 24.23 | 0.265 |
| | | | 1 | 26 | 24.33 | 0.271 | 24.10 | 0.257 | 24.21 | 0.264 |
| | | | 1 | 50 | 24.29 | 0.269 | 24.28 | 0.268 | 24.26 | 0.267 |
| | | | 25 | 0 | 23.77 | 0.238 | 23.63 | 0.231 | 23.64 | 0.231 |
| | | | 25 | 14 | 24.33 | 0.271 | 24.08 | 0.256 | 24.18 | 0.262 |
| | | | 25 | 27 | 23.75 | 0.237 | 23.51 | 0.224 | 23.64 | 0.231 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.33 | 0.271 | 24.25 | 0.266 | 24.32 | 0.270 |
| | | | 1 | 26 | 24.32 | 0.270 | 24.02 | 0.252 | 24.26 | 0.267 |
| | | | 1 | 50 | 24.25 | 0.266 | 24.33 | 0.271 | 24.25 | 0.266 |
| | | | 25 | 0 | 23.20 | 0.209 | 23.12 | 0.205 | 23.33 | 0.215 |
| | | | 25 | 14 | 24.31 | 0.270 | 24.02 | 0.252 | 24.32 | 0.270 |
| | | | 25 | 27 | 23.43 | 0.220 | 23.18 | 0.208 | 23.13 | 0.206 |
| | | DFT-S-OFDM 16QAM | 1 | 1 | 23.30 | 0.214 | 23.06 | 0.202 | 23.33 | 0.215 |
| | | | 1 | 1 | 21.84 | 0.153 | 21.60 | 0.145 | 21.74 | 0.149 |
| | | | 1 | 1 | 22.94 | 0.197 | 22.64 | 0.184 | 22.79 | 0.190 |
| | | | 1 | 1 | 22.29 | 0.169 | 22.13 | 0.163 | 22.29 | 0.169 |
| | | | 1 | 1 | 20.88 | 0.122 | 20.65 | 0.116 | 20.73 | 0.118 |
| | | | 1 | 1 | 20.88 | 0.122 | 20.65 | 0.116 | 20.73 | 0.118 |

| NR Band 71 | | | | | | | | | | |
|------------------|-----------|------------------|---------|-----------|------------------------|--------------|--------------------|--------------|--------------------|--------------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 134100 (670.5 MHz) | | 136100 (680.5 MHz) | | 138100 (690.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.41 | 0.276 | 24.40 | 0.275 | 24.32 | 0.270 |
| | | | 1 | 40 | 24.48 | 0.281 | 24.33 | 0.271 | 24.34 | 0.272 |
| | | | 1 | 77 | 24.49 | 0.281 | 24.31 | 0.270 | 24.29 | 0.269 |
| | | | 36 | 0 | 23.84 | 0.242 | 23.87 | 0.244 | 23.88 | 0.244 |
| | | | 36 | 22 | 24.37 | 0.274 | 24.39 | 0.275 | 24.37 | 0.274 |
| | | | 36 | 43 | 23.89 | 0.245 | 23.86 | 0.243 | 23.72 | 0.236 |
| | | DFT-S-OFDM QPSK | 75 | 0 | 23.97 | 0.249 | 23.84 | 0.242 | 23.78 | 0.239 |
| | | | 1 | 1 | 24.31 | 0.270 | 24.45 | 0.279 | 24.22 | 0.264 |
| | | | 1 | 40 | 24.35 | 0.272 | 24.51 | 0.282 | 24.29 | 0.269 |
| | | | 1 | 77 | 24.39 | 0.275 | 24.50 | 0.282 | 24.23 | 0.265 |
| | | | 36 | 0 | 23.42 | 0.220 | 23.35 | 0.216 | 23.19 | 0.208 |
| | | | 36 | 22 | 24.37 | 0.274 | 24.40 | 0.275 | 24.33 | 0.271 |
| | | DFT-S-OFDM 16QAM | 36 | 43 | 23.39 | 0.218 | 23.36 | 0.217 | 23.25 | 0.211 |
| | | | 75 | 0 | 23.48 | 0.223 | 23.44 | 0.221 | 23.31 | 0.214 |
| | | | 1 | 1 | 23.49 | 0.223 | 23.30 | 0.214 | 23.36 | 0.217 |
| | | | 1 | 1 | 22.00 | 0.158 | 21.82 | 0.152 | 21.92 | 0.156 |
| | | | 1 | 1 | 22.95 | 0.197 | 22.97 | 0.198 | 22.72 | 0.187 |
| | | | 1 | 1 | 22.34 | 0.171 | 22.39 | 0.173 | 22.40 | 0.174 |
| 20 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.37 | 0.274 | 24.32 | 0.270 | 24.42 | 0.277 |
| | | | 1 | 53 | 24.30 | 0.269 | 24.22 | 0.264 | 24.47 | 0.280 |
| | | | 1 | 104 | 24.29 | 0.269 | 24.34 | 0.272 | 24.32 | 0.270 |
| | | | 50 | 0 | 23.80 | 0.240 | 23.88 | 0.244 | 23.96 | 0.249 |
| | | | 50 | 28 | 24.45 | 0.279 | 24.37 | 0.274 | 24.34 | 0.272 |
| | | | 50 | 56 | 23.88 | 0.244 | 23.77 | 0.238 | 23.99 | 0.251 |
| | | DFT-S-OFDM QPSK | 100 | 0 | 23.79 | 0.239 | 23.81 | 0.240 | 23.89 | 0.245 |
| | | | 1 | 1 | 24.27 | 0.267 | 24.27 | 0.267 | 24.41 | 0.276 |
| | | | 1 | 53 | 24.29 | 0.269 | 24.28 | 0.268 | 24.43 | 0.277 |
| | | | 1 | 104 | 24.46 | 0.279 | 24.31 | 0.270 | 24.39 | 0.275 |
| | | | 50 | 0 | 23.51 | 0.224 | 23.45 | 0.221 | 23.34 | 0.216 |
| | | | 50 | 28 | 24.27 | 0.267 | 24.42 | 0.277 | 24.40 | 0.275 |
| | | DFT-S-OFDM 16QAM | 50 | 56 | 23.39 | 0.218 | 23.28 | 0.213 | 23.56 | 0.227 |
| | | | 100 | 0 | 23.25 | 0.211 | 23.46 | 0.222 | 23.31 | 0.214 |
| | | | 1 | 1 | 23.32 | 0.215 | 23.36 | 0.217 | 23.47 | 0.222 |
| | | | 1 | 1 | 21.85 | 0.153 | 21.88 | 0.154 | 21.82 | 0.152 |
| | | | 1 | 1 | 22.86 | 0.193 | 22.82 | 0.191 | 22.85 | 0.193 |
| | | | 1 | 1 | 22.40 | 0.174 | 22.28 | 0.169 | 22.37 | 0.173 |
| DFT-S-OFDM 64QAM | 1 | 1 | 20.77 | 0.119 | 20.74 | 0.119 | 20.85 | 0.122 | | |
| | 1 | 1 | 20.83 | 0.121 | 20.82 | 0.121 | 20.91 | 0.123 | | |

ENDC

| 5A-n2A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|-------------------------|--------------|-------------------------|-------|-------------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 370500 (1 852.5 MHz) | | 376000 (1 880.0 MHz) | | 381500 (1 907.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.19 | 0.208 | 23.26 | 0.212 | 23.28 | 0.213 |
| | | | 1 | 13 | 23.39 | 0.218 | 23.41 | 0.219 | 23.31 | 0.214 |
| | | | 1 | 23 | 23.30 | 0.214 | 23.31 | 0.214 | 23.24 | 0.211 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.13 | 0.206 | 23.14 | 0.206 | 23.21 | 0.209 |
| | | | 1 | 13 | 23.30 | 0.214 | 23.26 | 0.212 | 23.20 | 0.209 |
| | | | 1 | 23 | 23.23 | 0.210 | 23.24 | 0.211 | 23.09 | 0.204 |
| 5A-n2A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 371000 (1 855.0 MHz) | | 376000 (1 880.0 MHz) | | 381000 (1 905.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.31 | 0.214 | 23.27 | 0.212 | 23.43 | 0.220 |
| | | | 1 | 26 | 23.46 | 0.222 | 23.27 | 0.212 | 23.45 | 0.221 |
| | | | 1 | 50 | 23.35 | 0.216 | 23.28 | 0.213 | 23.23 | 0.210 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.21 | 0.209 | 23.11 | 0.205 | 23.37 | 0.217 |
| | | | 1 | 26 | 23.29 | 0.213 | 23.19 | 0.208 | 23.35 | 0.216 |
| | | | 1 | 50 | 23.30 | 0.214 | 23.20 | 0.209 | 23.15 | 0.207 |
| 5A-n2A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 371500 (1 857.5 MHz) | | 376000 (1 880.0 MHz) | | 380500 (1 902.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.45 | 0.221 | 23.37 | 0.217 | 23.48 | 0.223 |
| | | | 1 | 40 | 23.56 | 0.227 | 23.32 | 0.215 | 23.37 | 0.217 |
| | | | 1 | 77 | 23.46 | 0.222 | 23.29 | 0.213 | 23.30 | 0.214 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.41 | 0.219 | 23.30 | 0.214 | 23.35 | 0.216 |
| | | | 1 | 40 | 23.38 | 0.218 | 23.25 | 0.211 | 23.23 | 0.210 |
| | | | 1 | 77 | 23.36 | 0.217 | 23.23 | 0.210 | 23.24 | 0.211 |
| 5A-n2A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 372000 (1 860.0 MHz) | | 376000 (1 880.0 MHz) | | 380000 (1 900.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 20 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.41 | 0.219 | 23.42 | 0.220 | 23.47 | 0.222 |
| | | | 1 | 53 | 23.46 | 0.222 | 23.33 | 0.215 | 23.37 | 0.217 |
| | | | 1 | 104 | 23.45 | 0.221 | 23.34 | 0.216 | 23.16 | 0.207 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.29 | 0.213 | 23.31 | 0.214 | 23.38 | 0.218 |
| | | | 1 | 53 | 23.38 | 0.218 | 23.25 | 0.211 | 23.32 | 0.215 |
| | | | 1 | 104 | 23.34 | 0.216 | 23.27 | 0.212 | 23.08 | 0.203 |

| 12A-n2A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|-------------------------|--------------|-------------------------|-------|-------------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 370500 (1 852.5 MHz) | | 376000 (1 880.0 MHz) | | 381500 (1 907.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.24 | 0.211 | 23.24 | 0.211 | 23.32 | 0.215 |
| | | | 1 | 13 | 23.31 | 0.214 | 23.37 | 0.217 | 23.26 | 0.212 |
| | | | 1 | 23 | 23.27 | 0.212 | 23.30 | 0.214 | 23.24 | 0.211 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.06 | 0.202 | 23.07 | 0.203 | 23.21 | 0.209 |
| | | | 1 | 13 | 23.25 | 0.211 | 23.32 | 0.215 | 23.26 | 0.212 |
| | | | 1 | 23 | 23.20 | 0.209 | 23.28 | 0.213 | 23.15 | 0.207 |
| 12A-n2A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 371000 (1 855.0 MHz) | | 376000 (1 880.0 MHz) | | 381000 (1 905.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.30 | 0.214 | 23.30 | 0.214 | 23.45 | 0.221 |
| | | | 1 | 26 | 23.47 | 0.222 | 23.32 | 0.215 | 23.42 | 0.220 |
| | | | 1 | 50 | 23.36 | 0.217 | 23.31 | 0.214 | 23.22 | 0.210 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.18 | 0.208 | 23.14 | 0.206 | 23.38 | 0.218 |
| | | | 1 | 26 | 23.36 | 0.217 | 23.22 | 0.210 | 23.36 | 0.217 |
| | | | 1 | 50 | 23.30 | 0.214 | 23.25 | 0.211 | 23.14 | 0.206 |
| 12A-n2A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 371500 (1 857.5 MHz) | | 376000 (1 880.0 MHz) | | 380500 (1 902.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.55 | 0.227 | 23.38 | 0.218 | 23.45 | 0.221 |
| | | | 1 | 40 | 23.54 | 0.226 | 23.39 | 0.218 | 23.42 | 0.220 |
| | | | 1 | 77 | 23.50 | 0.224 | 23.38 | 0.218 | 23.18 | 0.208 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.35 | 0.216 | 23.37 | 0.217 | 23.40 | 0.219 |
| | | | 1 | 40 | 23.38 | 0.218 | 23.24 | 0.211 | 23.24 | 0.211 |
| | | | 1 | 77 | 23.44 | 0.221 | 23.26 | 0.212 | 23.15 | 0.207 |
| 12A-n2A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 372000 (1 860.0 MHz) | | 376000 (1 880.0 MHz) | | 380000 (1 900.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 20 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.46 | 0.222 | 23.41 | 0.219 | 23.31 | 0.214 |
| | | | 1 | 53 | 23.49 | 0.223 | 23.35 | 0.216 | 23.41 | 0.219 |
| | | | 1 | 104 | 23.43 | 0.220 | 23.31 | 0.214 | 23.07 | 0.203 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.27 | 0.212 | 23.32 | 0.215 | 23.24 | 0.211 |
| | | | 1 | 53 | 23.42 | 0.220 | 23.26 | 0.212 | 23.37 | 0.217 |
| | | | 1 | 104 | 23.26 | 0.212 | 23.28 | 0.213 | 23.01 | 0.200 |

| 13A-n2A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|-------------------------|--------------|-------------------------|-------|-------------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 370500 (1 852.5 MHz) | | 376000 (1 880.0 MHz) | | 381500 (1 907.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.18 | 0.208 | 23.14 | 0.206 | 23.32 | 0.215 |
| | | | 1 | 13 | 23.24 | 0.211 | 23.25 | 0.211 | 23.33 | 0.215 |
| | | | 1 | 23 | 23.28 | 0.213 | 23.30 | 0.214 | 23.19 | 0.208 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.10 | 0.204 | 23.07 | 0.203 | 23.23 | 0.210 |
| | | | 1 | 13 | 23.22 | 0.210 | 23.22 | 0.210 | 23.22 | 0.210 |
| | | | 1 | 23 | 23.15 | 0.207 | 23.21 | 0.209 | 23.15 | 0.207 |
| 13A-n2A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 371000 (1 855.0 MHz) | | 376000 (1 880.0 MHz) | | 381000 (1 905.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.25 | 0.211 | 23.25 | 0.211 | 23.38 | 0.218 |
| | | | 1 | 26 | 23.35 | 0.216 | 23.28 | 0.213 | 23.39 | 0.218 |
| | | | 1 | 50 | 23.34 | 0.216 | 23.25 | 0.211 | 23.16 | 0.207 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.22 | 0.210 | 23.16 | 0.207 | 23.31 | 0.214 |
| | | | 1 | 26 | 23.25 | 0.211 | 23.17 | 0.207 | 23.30 | 0.214 |
| | | | 1 | 50 | 23.30 | 0.214 | 23.19 | 0.208 | 23.08 | 0.203 |
| 13A-n2A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 371500 (1 857.5 MHz) | | 376000 (1 880.0 MHz) | | 380500 (1 902.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.36 | 0.217 | 23.35 | 0.216 | 23.39 | 0.218 |
| | | | 1 | 40 | 23.45 | 0.221 | 23.35 | 0.216 | 23.29 | 0.213 |
| | | | 1 | 77 | 23.49 | 0.223 | 23.34 | 0.216 | 23.20 | 0.209 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.28 | 0.213 | 23.37 | 0.217 | 23.34 | 0.216 |
| | | | 1 | 40 | 23.32 | 0.215 | 23.28 | 0.213 | 23.25 | 0.211 |
| | | | 1 | 77 | 23.40 | 0.219 | 23.29 | 0.213 | 23.12 | 0.205 |
| 13A-n2A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 372000 (1 860.0 MHz) | | 376000 (1 880.0 MHz) | | 380000 (1 900.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 20 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.42 | 0.220 | 23.40 | 0.219 | 23.32 | 0.215 |
| | | | 1 | 53 | 23.45 | 0.221 | 23.37 | 0.217 | 23.45 | 0.221 |
| | | | 1 | 104 | 23.33 | 0.215 | 23.38 | 0.218 | 23.05 | 0.202 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.31 | 0.214 | 23.30 | 0.214 | 23.26 | 0.212 |
| | | | 1 | 53 | 23.35 | 0.216 | 23.30 | 0.214 | 23.37 | 0.217 |
| | | | 1 | 104 | 23.19 | 0.208 | 23.32 | 0.215 | 22.97 | 0.198 |

| 14A-n2A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|-------------------------|--------------|-------------------------|-------|-------------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 370500 (1 852.5 MHz) | | 376000 (1 880.0 MHz) | | 381500 (1 907.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.21 | 0.209 | 23.21 | 0.209 | 23.25 | 0.211 |
| | | | 1 | 13 | 23.40 | 0.219 | 23.26 | 0.212 | 23.24 | 0.211 |
| | | | 1 | 23 | 23.23 | 0.210 | 23.20 | 0.209 | 23.17 | 0.207 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.08 | 0.203 | 23.08 | 0.203 | 23.16 | 0.207 |
| | | | 1 | 13 | 23.20 | 0.209 | 23.12 | 0.205 | 23.15 | 0.207 |
| | | | 1 | 23 | 23.20 | 0.209 | 23.11 | 0.205 | 23.07 | 0.203 |
| 14A-n2A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 371000 (1 855.0 MHz) | | 376000 (1 880.0 MHz) | | 381000 (1 905.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.27 | 0.212 | 23.21 | 0.209 | 23.42 | 0.220 |
| | | | 1 | 26 | 23.32 | 0.215 | 23.18 | 0.208 | 23.30 | 0.214 |
| | | | 1 | 50 | 23.36 | 0.217 | 23.33 | 0.215 | 23.10 | 0.204 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.16 | 0.207 | 23.17 | 0.207 | 23.34 | 0.216 |
| | | | 1 | 26 | 23.23 | 0.210 | 23.08 | 0.203 | 23.22 | 0.210 |
| | | | 1 | 50 | 23.33 | 0.215 | 23.27 | 0.212 | 23.02 | 0.200 |
| 14A-n2A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 371500 (1 857.5 MHz) | | 376000 (1 880.0 MHz) | | 380500 (1 902.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.43 | 0.220 | 23.35 | 0.216 | 23.46 | 0.222 |
| | | | 1 | 40 | 23.47 | 0.222 | 23.39 | 0.218 | 23.42 | 0.220 |
| | | | 1 | 77 | 23.49 | 0.223 | 23.44 | 0.221 | 23.16 | 0.207 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.31 | 0.214 | 23.30 | 0.214 | 23.37 | 0.217 |
| | | | 1 | 40 | 23.32 | 0.215 | 23.24 | 0.211 | 23.25 | 0.211 |
| | | | 1 | 77 | 23.33 | 0.215 | 23.40 | 0.219 | 23.03 | 0.201 |
| 14A-n2A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 372000 (1 860.0 MHz) | | 376000 (1 880.0 MHz) | | 380000 (1 900.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 20 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.39 | 0.218 | 23.33 | 0.215 | 23.27 | 0.212 |
| | | | 1 | 53 | 23.42 | 0.220 | 23.32 | 0.215 | 23.41 | 0.219 |
| | | | 1 | 104 | 23.28 | 0.213 | 23.33 | 0.215 | 23.00 | 0.200 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.20 | 0.209 | 23.26 | 0.212 | 23.26 | 0.212 |
| | | | 1 | 53 | 23.32 | 0.215 | 23.26 | 0.212 | 23.41 | 0.219 |
| | | | 1 | 104 | 23.23 | 0.210 | 23.26 | 0.212 | 22.92 | 0.196 |

| 2A-n5A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|------------------------|-------|-----------------------|--------------|-----------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 165300 (826.5 MHz) | | 167300 (836.5 MHz) | | 169300 (846.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.26 | 0.267 | 24.40 | 0.275 | 24.19 | 0.262 |
| | | | 1 | 13 | 24.40 | 0.275 | 24.50 | 0.282 | 23.86 | 0.243 |
| | | | 1 | 23 | 24.26 | 0.267 | 24.27 | 0.267 | 24.14 | 0.259 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.27 | 0.267 | 24.30 | 0.269 | 24.09 | 0.256 |
| | | | 1 | 13 | 24.25 | 0.266 | 24.31 | 0.270 | 23.74 | 0.237 |
| | | | 1 | 23 | 24.14 | 0.259 | 24.27 | 0.267 | 24.05 | 0.254 |
| 2A-n5A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 165800 (829.0 MHz) | | 167300 (836.5 MHz) | | 168800 (844.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.56 | 0.227 | 23.42 | 0.220 | 24.20 | 0.263 |
| | | | 1 | 26 | 23.61 | 0.230 | 23.72 | 0.236 | 24.10 | 0.257 |
| | | | 1 | 50 | 22.48 | 0.177 | 23.43 | 0.220 | 23.71 | 0.235 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.51 | 0.224 | 23.35 | 0.216 | 24.09 | 0.256 |
| | | | 1 | 26 | 23.53 | 0.225 | 23.62 | 0.230 | 24.05 | 0.254 |
| | | | 1 | 50 | 22.42 | 0.175 | 23.37 | 0.217 | 23.64 | 0.231 |
| 2A-n5A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 166300 (831.5 MHz) | | 167300 (836.5 MHz) | | 168300 (841.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.13 | 0.259 | 24.44 | 0.278 | 24.47 | 0.280 |
| | | | 1 | 40 | 23.49 | 0.223 | 24.42 | 0.277 | 24.28 | 0.268 |
| | | | 1 | 77 | 23.25 | 0.211 | 24.26 | 0.267 | 23.86 | 0.243 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.07 | 0.255 | 24.41 | 0.276 | 24.33 | 0.271 |
| | | | 1 | 40 | 23.43 | 0.220 | 24.36 | 0.273 | 24.27 | 0.267 |
| | | | 1 | 77 | 23.19 | 0.208 | 24.19 | 0.262 | 23.79 | 0.239 |
| 2A-n5A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 166800 (834.0 MHz) | | 167300 (836.5 MHz) | | 167800 (839.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 20 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.15 | 0.260 | 24.35 | 0.272 | 24.37 | 0.274 |
| | | | 1 | 53 | 24.39 | 0.275 | 24.41 | 0.276 | 24.32 | 0.270 |
| | | | 1 | 104 | 24.30 | 0.269 | 23.00 | 0.200 | 23.27 | 0.212 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.13 | 0.259 | 24.29 | 0.269 | 24.39 | 0.275 |
| | | | 1 | 53 | 24.36 | 0.273 | 24.32 | 0.270 | 24.25 | 0.266 |
| | | | 1 | 104 | 24.23 | 0.265 | 23.02 | 0.200 | 23.21 | 0.209 |

| 7A-n5A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|------------------------|-------|-----------------------|-------|-----------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 165300 (826.5 MHz) | | 167300 (836.5 MHz) | | 169300 (846.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.25 | 0.266 | 24.42 | 0.277 | 24.25 | 0.266 |
| | | | 1 | 13 | 24.32 | 0.270 | 24.44 | 0.278 | 23.91 | 0.246 |
| | | | 1 | 23 | 24.30 | 0.269 | 24.31 | 0.270 | 24.11 | 0.258 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.16 | 0.261 | 24.28 | 0.268 | 24.15 | 0.260 |
| | | | 1 | 13 | 24.30 | 0.269 | 24.35 | 0.272 | 23.80 | 0.240 |
| | | | 1 | 23 | 24.28 | 0.268 | 24.21 | 0.264 | 24.08 | 0.256 |

| 7A-n5A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|------------------------|-------|-----------------------|-------|-----------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 165800 (829.0 MHz) | | 167300 (836.5 MHz) | | 168800 (844.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.24 | 0.265 | 24.34 | 0.272 | 24.18 | 0.262 |
| | | | 1 | 26 | 24.37 | 0.274 | 24.38 | 0.274 | 24.14 | 0.259 |
| | | | 1 | 50 | 24.27 | 0.267 | 24.33 | 0.271 | 23.73 | 0.236 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.16 | 0.261 | 24.26 | 0.267 | 24.14 | 0.259 |
| | | | 1 | 26 | 24.20 | 0.263 | 24.27 | 0.267 | 24.07 | 0.255 |
| | | | 1 | 50 | 24.16 | 0.261 | 24.25 | 0.266 | 23.66 | 0.232 |

| 7A-n5A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|------------------------|-------|-----------------------|--------------|-----------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 166300 (831.5 MHz) | | 167300 (836.5 MHz) | | 168300 (841.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.31 | 0.270 | 24.51 | 0.282 | 24.42 | 0.277 |
| | | | 1 | 40 | 24.37 | 0.274 | 24.44 | 0.278 | 24.29 | 0.269 |
| | | | 1 | 77 | 24.31 | 0.270 | 24.28 | 0.268 | 23.87 | 0.244 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.26 | 0.267 | 24.36 | 0.273 | 24.42 | 0.277 |
| | | | 1 | 40 | 24.34 | 0.272 | 24.35 | 0.272 | 24.27 | 0.267 |
| | | | 1 | 77 | 24.28 | 0.268 | 24.21 | 0.264 | 23.80 | 0.240 |

| 7A-n5A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|------------------------|-------|-----------------------|-------|-----------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 166800 (834.0 MHz) | | 167300 (836.5 MHz) | | 167800 (839.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 20 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.14 | 0.259 | 24.07 | 0.255 | 24.40 | 0.275 |
| | | | 1 | 53 | 24.46 | 0.279 | 23.81 | 0.240 | 24.32 | 0.270 |
| | | | 1 | 104 | 24.27 | 0.267 | 23.05 | 0.202 | 23.28 | 0.213 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.16 | 0.261 | 24.00 | 0.251 | 24.34 | 0.272 |
| | | | 1 | 53 | 24.37 | 0.274 | 23.73 | 0.236 | 24.21 | 0.264 |
| | | | 1 | 104 | 24.26 | 0.267 | 23.07 | 0.203 | 23.22 | 0.210 |

| 66A-n5A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|------------------------|-------|-----------------------|-------|-----------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 165300 (826.5 MHz) | | 167300 (836.5 MHz) | | 169300 (846.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.28 | 0.268 | 24.42 | 0.277 | 23.90 | 0.245 |
| | | | 1 | 13 | 24.33 | 0.271 | 24.39 | 0.275 | 23.83 | 0.242 |
| | | | 1 | 23 | 24.16 | 0.261 | 24.28 | 0.268 | 24.09 | 0.256 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.17 | 0.261 | 24.32 | 0.270 | 23.80 | 0.240 |
| | | | 1 | 13 | 24.24 | 0.265 | 24.29 | 0.269 | 23.71 | 0.235 |
| | | | 1 | 23 | 24.16 | 0.261 | 24.20 | 0.263 | 24.00 | 0.251 |

| 66A-n5A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|------------------------|-------|-----------------------|-------|-----------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 165800 (829.0 MHz) | | 167300 (836.5 MHz) | | 168800 (844.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.14 | 0.259 | 24.21 | 0.264 | 24.17 | 0.261 |
| | | | 1 | 26 | 24.35 | 0.272 | 24.34 | 0.272 | 24.12 | 0.258 |
| | | | 1 | 50 | 24.28 | 0.268 | 24.33 | 0.271 | 23.67 | 0.233 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.10 | 0.257 | 24.19 | 0.262 | 24.08 | 0.256 |
| | | | 1 | 26 | 24.18 | 0.262 | 24.31 | 0.270 | 24.07 | 0.255 |
| | | | 1 | 50 | 24.18 | 0.262 | 24.29 | 0.269 | 23.60 | 0.229 |

| 66A-n5A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|------------------------|-------|-----------------------|--------------|-----------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 166300 (831.5 MHz) | | 167300 (836.5 MHz) | | 168300 (841.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.30 | 0.269 | 24.42 | 0.277 | 23.77 | 0.238 |
| | | | 1 | 40 | 24.38 | 0.274 | 24.44 | 0.278 | 24.18 | 0.262 |
| | | | 1 | 77 | 24.32 | 0.270 | 24.24 | 0.265 | 23.85 | 0.243 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.31 | 0.270 | 24.38 | 0.274 | 23.70 | 0.234 |
| | | | 1 | 40 | 24.34 | 0.272 | 24.35 | 0.272 | 24.10 | 0.257 |
| | | | 1 | 77 | 24.24 | 0.265 | 24.17 | 0.261 | 23.78 | 0.239 |

| 66A-n5A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|------------------------|-------|-----------------------|-------|-----------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 166800 (834.0 MHz) | | 167300 (836.5 MHz) | | 167800 (839.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 20 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.27 | 0.267 | 24.35 | 0.272 | 24.39 | 0.275 |
| | | | 1 | 53 | 24.43 | 0.277 | 24.41 | 0.276 | 24.29 | 0.269 |
| | | | 1 | 104 | 24.22 | 0.264 | 23.09 | 0.204 | 23.25 | 0.211 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.14 | 0.259 | 24.37 | 0.274 | 24.33 | 0.271 |
| | | | 1 | 53 | 24.35 | 0.272 | 24.33 | 0.271 | 24.23 | 0.265 |
| | | | 1 | 104 | 24.27 | 0.267 | 23.19 | 0.208 | 23.19 | 0.208 |

| 5A-n7A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|-------------------------|--------------|-----------------------|-------|-------------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 500500 (2 502.5 MHz) | | 507000 (2 535 MHz) | | 513500 (2 567.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.18 | 0.262 | 23.90 | 0.245 | 24.08 | 0.256 |
| | | | 1 | 13 | 24.17 | 0.261 | 23.87 | 0.244 | 23.93 | 0.247 |
| | | | 1 | 23 | 24.13 | 0.259 | 23.94 | 0.248 | 23.99 | 0.251 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.00 | 0.251 | 23.84 | 0.242 | 23.87 | 0.244 |
| | | | 1 | 13 | 24.13 | 0.259 | 23.78 | 0.239 | 23.96 | 0.249 |
| | | | 1 | 23 | 24.02 | 0.252 | 23.74 | 0.237 | 23.88 | 0.244 |
| 5A-n7A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 501000 (2 505 MHz) | | 507000 (2 535 MHz) | | 513000 (2 565 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.08 | 0.256 | 23.94 | 0.248 | 23.93 | 0.247 |
| | | | 1 | 26 | 24.03 | 0.253 | 23.85 | 0.243 | 23.95 | 0.248 |
| | | | 1 | 50 | 24.09 | 0.256 | 23.82 | 0.241 | 23.89 | 0.245 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.96 | 0.249 | 23.85 | 0.243 | 23.90 | 0.245 |
| | | | 1 | 26 | 24.01 | 0.252 | 23.79 | 0.239 | 23.89 | 0.245 |
| | | | 1 | 50 | 24.03 | 0.253 | 23.87 | 0.244 | 23.81 | 0.240 |
| 5A-n7A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 501500 (2 507.5 MHz) | | 507000 (2 535 MHz) | | 512500 (2 562.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.18 | 0.262 | 24.17 | 0.261 | 24.34 | 0.272 |
| | | | 1 | 40 | 24.20 | 0.263 | 24.02 | 0.252 | 24.12 | 0.258 |
| | | | 1 | 77 | 24.30 | 0.269 | 24.03 | 0.253 | 24.17 | 0.261 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.14 | 0.259 | 24.14 | 0.259 | 24.15 | 0.260 |
| | | | 1 | 40 | 24.18 | 0.262 | 23.98 | 0.250 | 24.06 | 0.255 |
| | | | 1 | 77 | 24.28 | 0.268 | 23.96 | 0.249 | 24.09 | 0.256 |
| 5A-n7A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 502000 (2 510 MHz) | | 507000 (2 535 MHz) | | 512000 (2 560 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 20 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.27 | 0.267 | 24.21 | 0.264 | 24.12 | 0.258 |
| | | | 1 | 53 | 24.33 | 0.271 | 23.98 | 0.250 | 24.17 | 0.261 |
| | | | 1 | 104 | 24.36 | 0.273 | 24.02 | 0.252 | 24.05 | 0.254 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.22 | 0.264 | 24.22 | 0.264 | 24.10 | 0.257 |
| | | | 1 | 53 | 24.25 | 0.266 | 23.96 | 0.249 | 24.06 | 0.255 |
| | | | 1 | 104 | 24.29 | 0.269 | 23.91 | 0.246 | 24.06 | 0.255 |

| 12A-n7A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|-------------------------|--------------|-----------------------|-------|-------------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 500500 (2 502.5 MHz) | | 507000 (2 535 MHz) | | 513500 (2 567.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.23 | 0.265 | 23.89 | 0.245 | 24.07 | 0.255 |
| | | | 1 | 13 | 24.19 | 0.262 | 24.02 | 0.252 | 23.95 | 0.248 |
| | | | 1 | 23 | 24.10 | 0.257 | 23.87 | 0.244 | 23.95 | 0.248 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.02 | 0.252 | 23.83 | 0.242 | 23.91 | 0.246 |
| | | | 1 | 13 | 24.06 | 0.255 | 23.90 | 0.245 | 23.96 | 0.249 |
| | | | 1 | 23 | 24.04 | 0.254 | 23.82 | 0.241 | 23.88 | 0.244 |
| 12A-n7A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 501000 (2 505 MHz) | | 507000 (2 535 MHz) | | 513000 (2 565 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.12 | 0.258 | 23.94 | 0.248 | 23.93 | 0.247 |
| | | | 1 | 26 | 24.03 | 0.253 | 23.90 | 0.245 | 23.97 | 0.249 |
| | | | 1 | 50 | 24.05 | 0.254 | 23.84 | 0.242 | 23.88 | 0.244 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.95 | 0.248 | 23.91 | 0.246 | 23.90 | 0.245 |
| | | | 1 | 26 | 23.97 | 0.249 | 23.76 | 0.238 | 23.88 | 0.244 |
| | | | 1 | 50 | 23.97 | 0.249 | 23.76 | 0.238 | 23.82 | 0.241 |
| 12A-n7A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 501500 (2 507.5 MHz) | | 507000 (2 535 MHz) | | 512500 (2 562.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.16 | 0.261 | 24.20 | 0.263 | 24.25 | 0.266 |
| | | | 1 | 40 | 24.20 | 0.263 | 24.11 | 0.258 | 24.10 | 0.257 |
| | | | 1 | 77 | 24.33 | 0.271 | 24.00 | 0.251 | 24.09 | 0.256 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.13 | 0.259 | 24.05 | 0.254 | 24.19 | 0.262 |
| | | | 1 | 40 | 24.16 | 0.261 | 23.98 | 0.250 | 24.05 | 0.254 |
| | | | 1 | 77 | 24.15 | 0.260 | 24.01 | 0.252 | 24.02 | 0.252 |
| 12A-n7A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 502000 (2 510 MHz) | | 507000 (2 535 MHz) | | 512000 (2 560 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 20 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.25 | 0.266 | 24.28 | 0.268 | 24.13 | 0.259 |
| | | | 1 | 53 | 24.32 | 0.270 | 24.03 | 0.253 | 24.14 | 0.259 |
| | | | 1 | 104 | 24.32 | 0.270 | 24.02 | 0.252 | 24.07 | 0.255 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.19 | 0.262 | 24.16 | 0.261 | 24.03 | 0.253 |
| | | | 1 | 53 | 24.21 | 0.264 | 24.07 | 0.255 | 24.05 | 0.254 |
| | | | 1 | 104 | 24.20 | 0.263 | 23.97 | 0.249 | 24.05 | 0.254 |

| 2A-n12A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|------------------------|-------|-----------------------|-------|-----------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 140300 (701.5 MHz) | | 141500 (707.5 MHz) | | 142700 (713.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.24 | 0.265 | 24.11 | 0.258 | 23.90 | 0.245 |
| | | | 1 | 13 | 24.13 | 0.259 | 24.17 | 0.261 | 23.88 | 0.244 |
| | | | 1 | 23 | 23.99 | 0.251 | 23.95 | 0.248 | 23.77 | 0.238 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.11 | 0.258 | 24.03 | 0.253 | 23.87 | 0.244 |
| | | | 1 | 13 | 23.96 | 0.249 | 24.01 | 0.252 | 23.76 | 0.238 |
| | | | 1 | 23 | 23.89 | 0.245 | 23.86 | 0.243 | 23.70 | 0.234 |

| 2A-n12A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|------------------------|-------|-----------------------|-------|---------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 140800 (704 MHz) | | 141500 (707.5 MHz) | | 142200 (711 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.08 | 0.256 | 24.11 | 0.258 | 24.01 | 0.252 |
| | | | 1 | 26 | 23.91 | 0.246 | 24.11 | 0.258 | 23.92 | 0.247 |
| | | | 1 | 50 | 23.86 | 0.243 | 23.94 | 0.248 | 23.74 | 0.237 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.00 | 0.251 | 24.01 | 0.252 | 23.93 | 0.247 |
| | | | 1 | 26 | 23.97 | 0.249 | 24.05 | 0.254 | 23.82 | 0.241 |
| | | | 1 | 50 | 23.90 | 0.245 | 23.82 | 0.241 | 23.72 | 0.236 |

| 2A-n12A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|------------------------|--------------|-----------------------|-------|-----------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 141300 (706.5 MHz) | | 141500 (707.5 MHz) | | 141700 (708.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.25 | 0.266 | 24.11 | 0.258 | 23.90 | 0.245 |
| | | | 1 | 40 | 24.13 | 0.259 | 24.17 | 0.261 | 23.88 | 0.244 |
| | | | 1 | 77 | 23.99 | 0.251 | 23.95 | 0.248 | 23.77 | 0.238 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.11 | 0.258 | 24.03 | 0.253 | 23.87 | 0.244 |
| | | | 1 | 40 | 23.96 | 0.249 | 24.01 | 0.252 | 23.76 | 0.238 |
| | | | 1 | 77 | 23.89 | 0.245 | 23.86 | 0.243 | 23.70 | 0.234 |

| 66A-n12A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|------------------------|-------|-----------------------|-------|-----------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 140300 (701.5 MHz) | | 141500 (707.5 MHz) | | 142700 (713.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.19 | 0.262 | 24.10 | 0.257 | 23.22 | 0.210 |
| | | | 1 | 13 | 24.07 | 0.255 | 24.12 | 0.258 | 23.18 | 0.208 |
| | | | 1 | 23 | 23.96 | 0.249 | 24.02 | 0.252 | 22.74 | 0.188 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.09 | 0.256 | 24.10 | 0.257 | 23.14 | 0.206 |
| | | | 1 | 13 | 23.99 | 0.251 | 24.06 | 0.255 | 23.07 | 0.203 |
| | | | 1 | 23 | 23.91 | 0.246 | 23.93 | 0.247 | 22.65 | 0.184 |

| 66A-n12A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|------------------------|-------|-----------------------|-------|---------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 140800 (704 MHz) | | 141500 (707.5 MHz) | | 142200 (711 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 22.98 | 0.199 | 24.15 | 0.260 | 24.00 | 0.251 |
| | | | 1 | 26 | 23.09 | 0.204 | 24.08 | 0.256 | 24.00 | 0.251 |
| | | | 1 | 50 | 23.26 | 0.212 | 24.01 | 0.252 | 23.87 | 0.244 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 22.92 | 0.196 | 24.02 | 0.252 | 23.97 | 0.249 |
| | | | 1 | 26 | 23.01 | 0.200 | 23.98 | 0.250 | 23.89 | 0.245 |
| | | | 1 | 50 | 23.20 | 0.209 | 23.94 | 0.248 | 23.85 | 0.243 |

| 66A-n12A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|------------------------|-------|-----------------------|--------------|-----------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 141300 (706.5 MHz) | | 141500 (707.5 MHz) | | 141700 (708.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.32 | 0.270 | 24.31 | 0.270 | 24.33 | 0.271 |
| | | | 1 | 40 | 24.14 | 0.259 | 24.10 | 0.257 | 24.12 | 0.258 |
| | | | 1 | 77 | 24.08 | 0.256 | 24.04 | 0.254 | 24.00 | 0.251 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.25 | 0.266 | 24.38 | 0.274 | 24.22 | 0.264 |
| | | | 1 | 40 | 24.06 | 0.255 | 24.11 | 0.258 | 24.03 | 0.253 |
| | | | 1 | 77 | 24.00 | 0.251 | 23.97 | 0.249 | 23.93 | 0.247 |

| 66A-n13A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|------------------------|-------|---------------------|-------|-----------------------|--------------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 155900 (779.5 MHz) | | 156400 (782 MHz) | | 156900 (784.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.61 | 0.230 | 24.24 | 0.265 | 24.32 | 0.270 |
| | | | 1 | 13 | 24.28 | 0.268 | 24.28 | 0.268 | 24.34 | 0.272 |
| | | | 1 | 23 | 24.25 | 0.266 | 24.25 | 0.266 | 24.31 | 0.270 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.47 | 0.222 | 24.20 | 0.263 | 24.34 | 0.272 |
| | | | 1 | 13 | 24.30 | 0.269 | 24.19 | 0.262 | 24.34 | 0.272 |
| | | | 1 | 23 | 24.15 | 0.260 | 24.15 | 0.260 | 24.27 | 0.267 |
| 66A-n13A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 156400 (782 MHz) | | | | | |
| | | | | | (dB m) | | (W) | | | |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | - | - | 23.95 | 0.248 | - | - |
| | | | 1 | 26 | - | - | 24.32 | 0.270 | - | - |
| | | | 1 | 50 | - | - | 24.15 | 0.260 | - | - |
| | | DFT-S-OFDM QPSK | 1 | 1 | - | - | 23.79 | 0.239 | - | - |
| | | | 1 | 26 | - | - | 24.22 | 0.264 | - | - |
| | | | 1 | 50 | - | - | 24.12 | 0.258 | - | - |

| 12A-n25A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|-------------------------|-------|-------------------------|-------|-------------------------|--------------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 370500 (1 852.5 MHz) | | 376500 (1 882.5 MHz) | | 382500 (1 912.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.14 | 0.206 | 23.08 | 0.203 | 23.00 | 0.200 |
| | | | 1 | 13 | 23.31 | 0.214 | 23.24 | 0.211 | 22.93 | 0.196 |
| | | | 1 | 23 | 23.22 | 0.210 | 23.15 | 0.207 | 22.61 | 0.182 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.02 | 0.200 | 22.94 | 0.197 | 22.91 | 0.195 |
| | | | 1 | 13 | 23.18 | 0.208 | 23.09 | 0.204 | 22.82 | 0.191 |
| | | | 1 | 23 | 23.11 | 0.205 | 23.02 | 0.200 | 22.51 | 0.178 |
| 12A-n25A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 371000 (1 855.0 MHz) | | 376500 (1 882.5 MHz) | | 382000 (1 910.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.24 | 0.211 | 23.12 | 0.205 | 23.13 | 0.206 |
| | | | 1 | 26 | 23.25 | 0.211 | 23.07 | 0.203 | 23.12 | 0.205 |
| | | | 1 | 50 | 23.30 | 0.214 | 23.23 | 0.210 | 22.57 | 0.181 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.13 | 0.206 | 23.07 | 0.203 | 23.06 | 0.202 |
| | | | 1 | 26 | 23.24 | 0.211 | 22.99 | 0.199 | 23.03 | 0.201 |
| | | | 1 | 50 | 23.24 | 0.211 | 23.17 | 0.207 | 22.49 | 0.177 |
| 12A-n25A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 371500 (1 857.5 MHz) | | 376500 (1 882.5 MHz) | | 381500 (1 907.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.38 | 0.218 | 23.29 | 0.213 | 23.47 | 0.222 |
| | | | 1 | 40 | 23.37 | 0.217 | 23.23 | 0.210 | 23.15 | 0.207 |
| | | | 1 | 77 | 23.36 | 0.217 | 23.36 | 0.217 | 22.75 | 0.188 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.30 | 0.214 | 23.17 | 0.207 | 23.29 | 0.213 |
| | | | 1 | 40 | 23.27 | 0.212 | 23.13 | 0.206 | 23.08 | 0.203 |
| | | | 1 | 77 | 23.31 | 0.214 | 23.19 | 0.208 | 22.67 | 0.185 |
| 12A-n25A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 372000 (1 860.0 MHz) | | 376500 (1 882.5 MHz) | | 381000 (1 905.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 20 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.42 | 0.220 | 23.19 | 0.208 | 23.47 | 0.222 |
| | | | 1 | 53 | 23.31 | 0.214 | 23.20 | 0.209 | 23.27 | 0.212 |
| | | | 1 | 104 | 23.32 | 0.215 | 23.23 | 0.210 | 22.64 | 0.184 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.23 | 0.210 | 23.12 | 0.205 | 23.31 | 0.214 |
| | | | 1 | 53 | 23.19 | 0.208 | 23.15 | 0.207 | 23.25 | 0.211 |
| | | | 1 | 104 | 23.14 | 0.206 | 23.09 | 0.204 | 22.56 | 0.180 |

| 5A-n66A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|-------------------------|-------|-------------------------|--------------|-------------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 342500 (1 712.5 MHz) | | 349000 (1 745.0 MHz) | | 355500 (1 777.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.95 | 0.248 | 24.05 | 0.254 | 23.77 | 0.238 |
| | | | 1 | 13 | 23.97 | 0.249 | 24.10 | 0.257 | 23.86 | 0.243 |
| | | | 1 | 23 | 23.87 | 0.244 | 24.01 | 0.252 | 23.82 | 0.241 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.81 | 0.240 | 23.96 | 0.249 | 23.72 | 0.236 |
| | | | 1 | 13 | 23.92 | 0.247 | 23.97 | 0.249 | 23.75 | 0.237 |
| | | | 1 | 23 | 23.78 | 0.239 | 23.89 | 0.245 | 23.72 | 0.236 |
| 5A-n66A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 343000 (1 715.0 MHz) | | 349000 (1 745.0 MHz) | | 355000 (1 775.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.08 | 0.256 | 24.10 | 0.257 | 23.91 | 0.246 |
| | | | 1 | 26 | 23.98 | 0.250 | 24.09 | 0.256 | 23.84 | 0.242 |
| | | | 1 | 50 | 23.90 | 0.245 | 24.11 | 0.258 | 23.81 | 0.240 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.96 | 0.249 | 24.11 | 0.258 | 23.83 | 0.242 |
| | | | 1 | 26 | 23.92 | 0.247 | 24.03 | 0.253 | 23.73 | 0.236 |
| | | | 1 | 50 | 23.80 | 0.240 | 24.05 | 0.254 | 23.69 | 0.234 |
| 5A-n66A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 343500 (1 717.5 MHz) | | 349000 (1 745.0 MHz) | | 354500 (1 772.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.05 | 0.254 | 24.09 | 0.256 | 23.89 | 0.245 |
| | | | 1 | 40 | 23.86 | 0.243 | 23.93 | 0.247 | 23.64 | 0.231 |
| | | | 1 | 77 | 24.12 | 0.258 | 24.08 | 0.256 | 23.68 | 0.233 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.96 | 0.249 | 24.08 | 0.256 | 23.83 | 0.242 |
| | | | 1 | 40 | 23.78 | 0.239 | 23.89 | 0.245 | 23.64 | 0.231 |
| | | | 1 | 77 | 24.03 | 0.253 | 23.97 | 0.249 | 23.69 | 0.234 |
| 5A-n66A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 344000 (1 720.0 MHz) | | 349000 (1 745.0 MHz) | | 354000 (1 770.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 20 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.03 | 0.253 | 24.16 | 0.261 | 23.98 | 0.250 |
| | | | 1 | 53 | 23.83 | 0.242 | 23.99 | 0.251 | 23.80 | 0.240 |
| | | | 1 | 104 | 24.02 | 0.252 | 24.00 | 0.251 | 23.77 | 0.238 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.99 | 0.251 | 24.03 | 0.253 | 24.02 | 0.252 |
| | | | 1 | 53 | 23.75 | 0.237 | 23.95 | 0.248 | 23.76 | 0.238 |
| | | | 1 | 104 | 23.97 | 0.249 | 23.92 | 0.247 | 23.75 | 0.237 |
| 5A-n66A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 349000 (1 745.0 MHz) | | | | | |
| | | | | | | | (dB m) | (W) | | |
| 40 | 15 | DFT-S-OFDM BPSK | 1 | 1 | - | - | 23.99 | 0.251 | - | - |
| | | | 1 | 108 | - | - | 24.44 | 0.278 | - | - |
| | | | 1 | 214 | - | - | 23.97 | 0.249 | - | - |
| | | DFT-S-OFDM QPSK | 1 | 1 | - | - | 23.97 | 0.249 | - | - |
| | | | 1 | 108 | - | - | 24.05 | 0.254 | - | - |
| | | | 1 | 214 | - | - | 23.94 | 0.248 | - | - |

| 12A-n66A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|-------------------------|-------|-------------------------|-------|-------------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 342500 (1 712.5 MHz) | | 349000 (1 745.0 MHz) | | 355500 (1 777.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.28 | 0.268 | 24.42 | 0.277 | 23.90 | 0.245 |
| | | | 1 | 13 | 24.33 | 0.271 | 24.39 | 0.275 | 23.83 | 0.242 |
| | | | 1 | 23 | 24.16 | 0.261 | 24.28 | 0.268 | 24.09 | 0.256 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.17 | 0.261 | 24.32 | 0.270 | 23.80 | 0.240 |
| | | | 1 | 13 | 24.24 | 0.265 | 24.29 | 0.269 | 23.71 | 0.235 |
| | | | 1 | 23 | 24.16 | 0.261 | 24.20 | 0.263 | 24.00 | 0.251 |

| 12A-n66A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|-------------------------|-------|-------------------------|-------|-------------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 343000 (1 715.0 MHz) | | 349000 (1 745.0 MHz) | | 355000 (1 775.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.14 | 0.259 | 24.21 | 0.264 | 24.17 | 0.261 |
| | | | 1 | 26 | 24.35 | 0.272 | 24.34 | 0.272 | 24.12 | 0.258 |
| | | | 1 | 50 | 24.28 | 0.268 | 24.33 | 0.271 | 23.67 | 0.233 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.10 | 0.257 | 24.19 | 0.262 | 24.08 | 0.256 |
| | | | 1 | 26 | 24.18 | 0.262 | 24.31 | 0.270 | 24.07 | 0.255 |
| | | | 1 | 50 | 24.18 | 0.262 | 24.29 | 0.269 | 23.60 | 0.229 |

| 12A-n66A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|-------------------------|-------|-------------------------|--------------|-------------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 343500 (1 717.5 MHz) | | 349000 (1 745.0 MHz) | | 354500 (1 772.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.30 | 0.269 | 24.42 | 0.277 | 23.77 | 0.238 |
| | | | 1 | 40 | 24.38 | 0.274 | 24.43 | 0.277 | 24.18 | 0.262 |
| | | | 1 | 77 | 24.32 | 0.270 | 24.24 | 0.265 | 23.85 | 0.243 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.31 | 0.270 | 24.38 | 0.274 | 23.70 | 0.234 |
| | | | 1 | 40 | 24.34 | 0.272 | 24.35 | 0.272 | 24.10 | 0.257 |
| | | | 1 | 77 | 24.24 | 0.265 | 24.17 | 0.261 | 23.78 | 0.239 |

| 12A-n66A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|-------------------------|-------|-------------------------|-------|-------------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 344000 (1 720.0 MHz) | | 349000 (1 745.0 MHz) | | 354000 (1 770.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 20 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.27 | 0.267 | 24.35 | 0.272 | 24.39 | 0.275 |
| | | | 1 | 53 | 24.43 | 0.277 | 24.41 | 0.276 | 24.29 | 0.269 |
| | | | 1 | 104 | 24.22 | 0.264 | 22.99 | 0.199 | 23.25 | 0.211 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.14 | 0.259 | 24.37 | 0.274 | 24.33 | 0.271 |
| | | | 1 | 53 | 24.35 | 0.272 | 24.33 | 0.271 | 24.23 | 0.265 |
| | | | 1 | 104 | 24.27 | 0.267 | 22.90 | 0.195 | 23.19 | 0.208 |

| 12A-n66A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|-------------------------|-----|--------|-------|--------|-----|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 349000 (1 745.0 MHz) | | | | | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 40 | 15 | DFT-S-OFDM BPSK | 1 | 1 | - | - | 24.36 | 0.273 | - | - |
| | | | 1 | 108 | - | - | 24.16 | 0.261 | - | - |
| | | | 1 | 214 | - | - | 23.98 | 0.250 | - | - |
| | | DFT-S-OFDM QPSK | 1 | 1 | - | - | 23.72 | 0.236 | - | - |
| | | | 1 | 108 | - | - | 23.99 | 0.251 | - | - |
| | | | 1 | 214 | - | - | 24.03 | 0.253 | - | - |

| 13A-n66A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|-------------------------|-------|-------------------------|--------------|-------------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 342500 (1 712.5 MHz) | | 349000 (1 745.0 MHz) | | 355500 (1 777.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.82 | 0.241 | 24.03 | 0.253 | 23.70 | 0.234 |
| | | | 1 | 13 | 23.83 | 0.242 | 24.18 | 0.262 | 23.80 | 0.240 |
| | | | 1 | 23 | 23.79 | 0.239 | 24.05 | 0.254 | 23.64 | 0.231 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.73 | 0.236 | 23.94 | 0.248 | 23.56 | 0.227 |
| | | | 1 | 13 | 23.86 | 0.243 | 23.95 | 0.248 | 23.71 | 0.235 |
| | | | 1 | 23 | 23.69 | 0.234 | 23.95 | 0.248 | 23.54 | 0.226 |
| 13A-n66A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 343000 (1 715.0 MHz) | | 349000 (1 745.0 MHz) | | 355000 (1 775.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.04 | 0.254 | 24.04 | 0.254 | 23.80 | 0.240 |
| | | | 1 | 26 | 23.96 | 0.249 | 24.02 | 0.252 | 23.74 | 0.237 |
| | | | 1 | 50 | 23.85 | 0.243 | 24.02 | 0.252 | 23.66 | 0.232 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.95 | 0.248 | 23.99 | 0.251 | 23.71 | 0.235 |
| | | | 1 | 26 | 23.88 | 0.244 | 23.96 | 0.249 | 23.63 | 0.231 |
| | | | 1 | 50 | 23.83 | 0.242 | 23.95 | 0.248 | 23.65 | 0.232 |
| 13A-n66A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 343500 (1 717.5 MHz) | | 349000 (1 745.0 MHz) | | 354500 (1 772.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.06 | 0.255 | 24.16 | 0.261 | 23.78 | 0.239 |
| | | | 1 | 40 | 23.85 | 0.243 | 23.95 | 0.248 | 23.63 | 0.231 |
| | | | 1 | 77 | 24.02 | 0.252 | 24.07 | 0.255 | 23.68 | 0.233 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.98 | 0.250 | 24.07 | 0.255 | 23.85 | 0.243 |
| | | | 1 | 40 | 23.78 | 0.239 | 23.88 | 0.244 | 23.56 | 0.227 |
| | | | 1 | 77 | 23.96 | 0.249 | 23.92 | 0.247 | 23.61 | 0.230 |
| 13A-n66A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 344000 (1 720.0 MHz) | | 349000 (1 745.0 MHz) | | 354000 (1 770.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 20 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.03 | 0.253 | 24.10 | 0.257 | 24.04 | 0.254 |
| | | | 1 | 53 | 23.81 | 0.240 | 23.96 | 0.249 | 23.70 | 0.234 |
| | | | 1 | 104 | 23.94 | 0.248 | 24.04 | 0.254 | 23.76 | 0.238 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.97 | 0.249 | 24.02 | 0.252 | 23.97 | 0.249 |
| | | | 1 | 53 | 23.81 | 0.240 | 23.84 | 0.242 | 23.70 | 0.234 |
| | | | 1 | 104 | 24.04 | 0.254 | 24.00 | 0.251 | 23.67 | 0.233 |
| 13A-n66A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | | | 349000 (1 745.0 MHz) | | | |
| | | | | | | | (dB m) | (W) | | |
| 40 | 15 | DFT-S-OFDM BPSK | 1 | 1 | - | - | 24.06 | 0.255 | - | - |
| | | | 1 | 108 | - | - | 24.22 | 0.264 | - | - |
| | | | 1 | 214 | - | - | 24.11 | 0.258 | - | - |
| | | DFT-S-OFDM QPSK | 1 | 1 | - | - | 24.03 | 0.253 | - | - |
| | | | 1 | 108 | - | - | 24.03 | 0.253 | - | - |
| | | | 1 | 214 | - | - | 24.00 | 0.251 | - | - |

| 14A-n66A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|-------------------------|--------------|-------------------------|-------|-------------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 342500 (1 712.5 MHz) | | 349000 (1 745.0 MHz) | | 355500 (1 777.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.86 | 0.243 | 24.04 | 0.254 | 23.70 | 0.234 |
| | | | 1 | 13 | 23.85 | 0.243 | 24.02 | 0.252 | 23.63 | 0.231 |
| | | | 1 | 23 | 23.86 | 0.243 | 24.00 | 0.251 | 23.64 | 0.231 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.77 | 0.238 | 23.94 | 0.248 | 23.65 | 0.232 |
| | | | 1 | 13 | 23.80 | 0.240 | 24.02 | 0.252 | 23.66 | 0.232 |
| | | | 1 | 23 | 23.74 | 0.237 | 23.95 | 0.248 | 23.57 | 0.228 |
| 14A-n66A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 343000 (1 715.0 MHz) | | 349000 (1 745.0 MHz) | | 355000 (1 775.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.03 | 0.253 | 24.06 | 0.255 | 23.85 | 0.243 |
| | | | 1 | 26 | 23.96 | 0.249 | 24.02 | 0.252 | 23.73 | 0.236 |
| | | | 1 | 50 | 23.92 | 0.247 | 24.01 | 0.252 | 23.73 | 0.236 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.85 | 0.243 | 23.97 | 0.249 | 23.79 | 0.239 |
| | | | 1 | 26 | 23.88 | 0.244 | 23.98 | 0.250 | 23.62 | 0.230 |
| | | | 1 | 50 | 23.84 | 0.242 | 23.94 | 0.248 | 23.67 | 0.233 |
| 14A-n66A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 343500 (1 717.5 MHz) | | 349000 (1 745.0 MHz) | | 354500 (1 772.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.06 | 0.255 | 24.05 | 0.254 | 23.83 | 0.242 |
| | | | 1 | 40 | 23.89 | 0.245 | 23.96 | 0.249 | 23.62 | 0.230 |
| | | | 1 | 77 | 24.16 | 0.261 | 24.09 | 0.256 | 23.63 | 0.231 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.07 | 0.255 | 24.00 | 0.251 | 23.82 | 0.241 |
| | | | 1 | 40 | 23.88 | 0.244 | 23.87 | 0.244 | 23.55 | 0.226 |
| | | | 1 | 77 | 24.11 | 0.258 | 23.96 | 0.249 | 23.56 | 0.227 |
| 14A-n66A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 344000 (1 720.0 MHz) | | 349000 (1 745.0 MHz) | | 354000 (1 770.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 20 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.97 | 0.249 | 24.16 | 0.261 | 23.94 | 0.248 |
| | | | 1 | 53 | 23.81 | 0.240 | 23.95 | 0.248 | 23.76 | 0.238 |
| | | | 1 | 104 | 23.99 | 0.251 | 23.96 | 0.249 | 23.74 | 0.237 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.91 | 0.246 | 24.06 | 0.255 | 23.93 | 0.247 |
| | | | 1 | 53 | 23.75 | 0.237 | 23.88 | 0.244 | 23.61 | 0.230 |
| | | | 1 | 104 | 23.94 | 0.248 | 23.97 | 0.249 | 23.60 | 0.229 |
| 14A-n66A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 349000 (1 745.0 MHz) | | | | | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 40 | 15 | DFT-S-OFDM BPSK | 1 | 1 | - | - | 24.12 | 0.258 | - | - |
| | | | 1 | 108 | - | - | 24.10 | 0.257 | - | - |
| | | | 1 | 214 | - | - | 23.99 | 0.251 | - | - |
| | | DFT-S-OFDM QPSK | 1 | 1 | - | - | 23.94 | 0.248 | - | - |
| | | | 1 | 108 | - | - | 24.04 | 0.254 | - | - |
| | | | 1 | 214 | - | - | 23.96 | 0.249 | - | - |

| 2A-n71A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|------------------------|-------|-----------------------|-------|-----------------------|--------------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 133100 (665.5 MHz) | | 136100 (680.5 MHz) | | 139100 (695.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.06 | 0.255 | 24.11 | 0.258 | 24.10 | 0.257 |
| | | | 1 | 13 | 24.09 | 0.256 | 24.15 | 0.260 | 24.13 | 0.259 |
| | | | 1 | 23 | 24.03 | 0.253 | 23.94 | 0.248 | 23.98 | 0.250 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.91 | 0.246 | 24.04 | 0.254 | 24.09 | 0.256 |
| | | | 1 | 13 | 23.97 | 0.249 | 24.03 | 0.253 | 24.02 | 0.252 |
| | | | 1 | 23 | 23.99 | 0.251 | 23.91 | 0.246 | 23.86 | 0.243 |
| 2A-n71A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 133600 (668.0 MHz) | | 136100 (680.5 MHz) | | 138600 (693.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.02 | 0.252 | 24.07 | 0.255 | 23.97 | 0.249 |
| | | | 1 | 26 | 24.10 | 0.257 | 24.04 | 0.254 | 23.90 | 0.245 |
| | | | 1 | 50 | 24.08 | 0.256 | 23.98 | 0.250 | 23.87 | 0.244 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.95 | 0.248 | 24.03 | 0.253 | 23.91 | 0.246 |
| | | | 1 | 26 | 24.01 | 0.252 | 24.03 | 0.253 | 23.84 | 0.242 |
| | | | 1 | 50 | 23.98 | 0.250 | 23.94 | 0.248 | 23.78 | 0.239 |
| 2A-n71A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 134100 (670.5 MHz) | | 136100 (680.5 MHz) | | 138100 (690.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.12 | 0.258 | 24.24 | 0.265 | 24.11 | 0.258 |
| | | | 1 | 40 | 24.12 | 0.258 | 24.07 | 0.255 | 23.85 | 0.243 |
| | | | 1 | 77 | 24.14 | 0.259 | 24.07 | 0.255 | 24.01 | 0.252 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.02 | 0.252 | 24.06 | 0.255 | 23.99 | 0.251 |
| | | | 1 | 40 | 23.98 | 0.250 | 23.99 | 0.251 | 23.82 | 0.241 |
| | | | 1 | 77 | 24.11 | 0.258 | 23.91 | 0.246 | 24.02 | 0.252 |
| 2A-n71A | | | | | | | | | | |
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 134600 (673.0 MHz) | | 136100 (680.5 MHz) | | 137600 (688.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 20 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.92 | 0.247 | 24.21 | 0.264 | 24.29 | 0.269 |
| | | | 1 | 53 | 24.15 | 0.260 | 24.07 | 0.255 | 24.02 | 0.252 |
| | | | 1 | 104 | 24.12 | 0.258 | 23.96 | 0.249 | 23.95 | 0.248 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.00 | 0.251 | 24.21 | 0.264 | 24.10 | 0.257 |
| | | | 1 | 53 | 24.13 | 0.259 | 24.05 | 0.254 | 23.98 | 0.250 |
| | | | 1 | 104 | 24.04 | 0.254 | 23.86 | 0.243 | 23.88 | 0.244 |

| 7A-n71A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|------------------------|-------|-----------------------|-------|-----------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 133100 (665.5 MHz) | | 136100 (680.5 MHz) | | 139100 (695.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.97 | 0.249 | 24.13 | 0.259 | 24.06 | 0.255 |
| | | | 1 | 13 | 24.09 | 0.256 | 24.07 | 0.255 | 24.11 | 0.258 |
| | | | 1 | 23 | 24.01 | 0.252 | 24.00 | 0.251 | 23.97 | 0.249 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.92 | 0.247 | 24.10 | 0.257 | 23.99 | 0.251 |
| | | | 1 | 13 | 23.88 | 0.244 | 23.98 | 0.250 | 23.94 | 0.248 |
| | | | 1 | 23 | 23.96 | 0.249 | 23.89 | 0.245 | 23.88 | 0.244 |

| 7A-n71A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|------------------------|-------|-----------------------|-------|-----------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 133600 (668.0 MHz) | | 136100 (680.5 MHz) | | 138600 (693.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.04 | 0.254 | 24.01 | 0.252 | 23.92 | 0.247 |
| | | | 1 | 26 | 24.07 | 0.255 | 24.07 | 0.255 | 23.90 | 0.245 |
| | | | 1 | 50 | 24.04 | 0.254 | 23.91 | 0.246 | 23.89 | 0.245 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.91 | 0.246 | 24.00 | 0.251 | 23.84 | 0.242 |
| | | | 1 | 26 | 23.96 | 0.249 | 23.99 | 0.251 | 23.86 | 0.243 |
| | | | 1 | 50 | 24.01 | 0.252 | 23.80 | 0.240 | 23.84 | 0.242 |

| 7A-n71A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|------------------------|-------|-----------------------|-------|-----------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 134100 (670.5 MHz) | | 136100 (680.5 MHz) | | 138100 (690.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.00 | 0.251 | 24.20 | 0.263 | 24.01 | 0.252 |
| | | | 1 | 40 | 24.05 | 0.254 | 24.09 | 0.256 | 24.00 | 0.251 |
| | | | 1 | 77 | 24.10 | 0.257 | 24.03 | 0.253 | 24.01 | 0.252 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.87 | 0.244 | 24.03 | 0.253 | 23.93 | 0.247 |
| | | | 1 | 40 | 24.06 | 0.255 | 24.02 | 0.252 | 23.93 | 0.247 |
| | | | 1 | 77 | 24.02 | 0.252 | 23.92 | 0.247 | 23.95 | 0.248 |

| 7A-n71A | | | | | | | | | | |
|-------------|--------------|--------------------|------------|--------------|------------------------|-------|-----------------------|-------|-----------------------|--------------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 134600 (673.0 MHz) | | 136100 (680.5 MHz) | | 137600 (688.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 20 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.91 | 0.246 | 24.18 | 0.262 | 24.22 | 0.264 |
| | | | 1 | 53 | 24.13 | 0.259 | 24.09 | 0.256 | 24.06 | 0.255 |
| | | | 1 | 104 | 23.98 | 0.250 | 23.94 | 0.248 | 24.01 | 0.252 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.79 | 0.239 | 24.11 | 0.258 | 24.11 | 0.258 |
| | | | 1 | 53 | 23.99 | 0.251 | 24.04 | 0.254 | 23.98 | 0.250 |
| | | | 1 | 104 | 24.01 | 0.252 | 23.85 | 0.243 | 23.95 | 0.248 |

| 66A-n71A | | | | | | | | | | |
|----------|-----------|-----------------|---------|-----------|------------------------|-------|--------------------|-------|--------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 133100 (665.5 MHz) | | 136100 (680.5 MHz) | | 139100 (695.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 5 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.06 | 0.255 | 24.14 | 0.259 | 24.11 | 0.258 |
| | | | 1 | 13 | 24.08 | 0.256 | 24.11 | 0.258 | 23.92 | 0.247 |
| | | | 1 | 23 | 23.96 | 0.249 | 24.03 | 0.253 | 23.96 | 0.249 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.00 | 0.251 | 24.04 | 0.254 | 24.02 | 0.252 |
| | | | 1 | 13 | 23.99 | 0.251 | 24.03 | 0.253 | 23.93 | 0.247 |
| | | | 1 | 23 | 23.90 | 0.245 | 23.91 | 0.246 | 23.92 | 0.247 |

| 66A-n71A | | | | | | | | | | |
|----------|-----------|-----------------|---------|-----------|------------------------|--------------|--------------------|-------|--------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 133600 (668.0 MHz) | | 136100 (680.5 MHz) | | 138600 (693.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 10 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.37 | 0.274 | 24.28 | 0.268 | 23.89 | 0.245 |
| | | | 1 | 26 | 24.23 | 0.265 | 23.79 | 0.239 | 23.86 | 0.243 |
| | | | 1 | 50 | 24.18 | 0.262 | 23.81 | 0.240 | 23.82 | 0.241 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 24.33 | 0.271 | 24.25 | 0.266 | 23.79 | 0.239 |
| | | | 1 | 26 | 24.17 | 0.261 | 23.71 | 0.235 | 23.79 | 0.239 |
| | | | 1 | 50 | 24.15 | 0.260 | 23.56 | 0.227 | 23.76 | 0.238 |

| 66A-n71A | | | | | | | | | | |
|----------|-----------|-----------------|---------|-----------|------------------------|-------|--------------------|-------|--------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 134100 (670.5 MHz) | | 136100 (680.5 MHz) | | 138100 (690.5 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 15 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 24.03 | 0.253 | 24.23 | 0.265 | 24.01 | 0.252 |
| | | | 1 | 40 | 24.16 | 0.261 | 24.13 | 0.259 | 24.02 | 0.252 |
| | | | 1 | 77 | 24.14 | 0.259 | 24.14 | 0.259 | 23.96 | 0.249 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.95 | 0.248 | 24.11 | 0.258 | 23.95 | 0.248 |
| | | | 1 | 40 | 24.11 | 0.258 | 24.04 | 0.254 | 23.95 | 0.248 |
| | | | 1 | 77 | 24.07 | 0.255 | 24.05 | 0.254 | 23.85 | 0.243 |

| 66A-n71A | | | | | | | | | | |
|----------|-----------|-----------------|---------|-----------|------------------------|-------|--------------------|-------|--------------------|-------|
| BW (MHz) | SCS (kHz) | Modulation | RB Size | RB Offset | Conducted Output Power | | | | | |
| | | | | | 134600 (673.0 MHz) | | 136100 (680.5 MHz) | | 137600 (688.0 MHz) | |
| | | | | | (dB m) | (W) | (dB m) | (W) | (dB m) | (W) |
| 20 | 15 | DFT-S-OFDM BPSK | 1 | 1 | 23.93 | 0.247 | 24.28 | 0.268 | 24.26 | 0.267 |
| | | | 1 | 53 | 24.11 | 0.258 | 24.12 | 0.258 | 24.01 | 0.252 |
| | | | 1 | 104 | 24.05 | 0.254 | 23.95 | 0.248 | 24.02 | 0.252 |
| | | DFT-S-OFDM QPSK | 1 | 1 | 23.90 | 0.245 | 24.13 | 0.259 | 24.18 | 0.262 |
| | | | 1 | 53 | 24.13 | 0.259 | 24.05 | 0.254 | 23.94 | 0.248 |
| | | | 1 | 104 | 24.05 | 0.254 | 23.88 | 0.244 | 23.89 | 0.245 |

Remark;

NR Band n66 at 40 MHz bandwidth are not support non-overlapping channels. Per FCC Guidance, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

4. Occupied Bandwidth

4.1. Limit

CFR 47, Section FCC §2.1049 and IC RSS-Gen Issue 5 6.7.

4.2. Test Procedure

FCC

The test follows section 5.4.4 of ANSI C63.26-2015.

- a. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be set wide enough to capture all modulation. products including the emission skirts (typically a span of $1.5 \times \text{OBW}$ is sufficient).
- b. The nominal IF filter 3 dB bandwidth (RBW) shall be in the range of 1 % to 5 % of the anticipated OBW, and the VBW shall be set $\geq 3 \times \text{RBW}$.
- c. Set the reference level of the instrument as required to prevent the signal amplitude from exceeding the maximum spectrum analyzer input mixer level for linear operation. See guidance provided in 4.2.3.
- d. Set the detection mode to peak, and the trace mode to max-hold.
- e. If the instrument does not have a 99 % OBW function, recover the trace data points and sum directly in linear power terms. Place the recovered amplitude data points, beginning at the lowest frequency, in a running sum until 0.5 % of the total is reached. Record that frequency as the lower OBW frequency. Repeat the process until 99.5 % of the total is reached and record that frequency as the upper OBW frequency. The 99 % power OBW can be determined by computing the difference these two frequencies.
- f. The OBW shall be reported and plot(s) of the measuring instrument display shall be provided with the test report. The frequency and amplitude axis and scale shall be clearly labeled. Tabular data can be reported in addition to the plot(s).

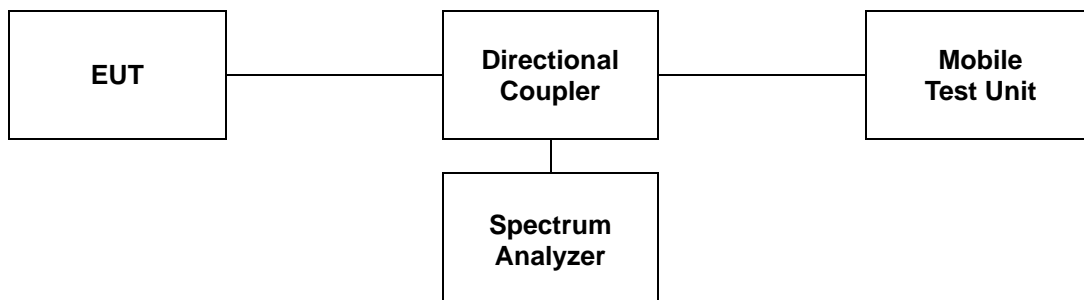
IC

The following conditions shall be observed for measuring the occupied bandwidth and x dB bandwidth:

- The transmitter shall be operated at its maximum carrier power measured under normal test conditions.
- The span of the spectrum analyzer shall be set large enough to capture all products of the modulation process, including the emission skirts, around the carrier frequency, but small enough to avoid having other emissions (e.g. on adjacent channels) within the span.
- The detector of the spectrum analyzer shall be set to "Sample". However, a peak, or peak hold, may be used in place of the sampling detector since this usually produces a wider bandwidth than the actual bandwidth (worst-case measurement). Use of a peak hold (or "Max Hold") may be necessary to determine the occupied / x dB bandwidth if the device is not transmitting continuously.
- The resolution bandwidth (RBW) shall be in the range of 1 % to 5 % of the actual occupied / x dB bandwidth and the video bandwidth (VBW) shall not be smaller than three times the RBW value. Video averaging is not permitted.

Note: It may be necessary to repeat the measurement a few times until the RBW and VBW are in compliance with the above requirement.

For the 99 % emission bandwidth, the trace data points are recovered and directly summed in linear power level terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached, and that frequency recorded. The process is repeated for the highest frequency data points (starting at the highest frequency, at the right side of the span, and going down in frequency). This frequency is then recorded. The difference between the two recorded frequencies is the occupied bandwidth (or the 99 % emission bandwidth).



4.3 Test Results

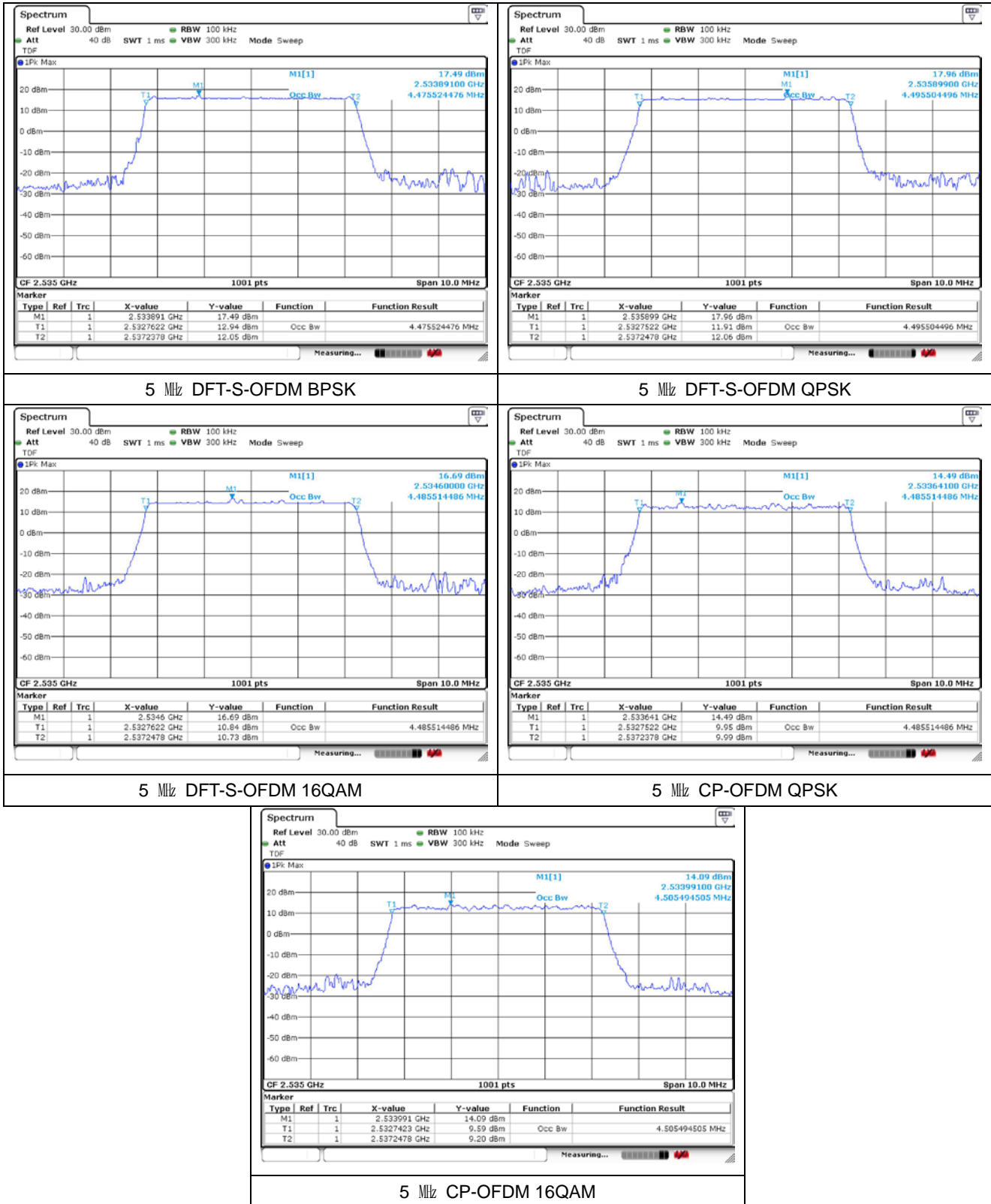
Ambient temperature : (23 ± 1) °C
 Relative humidity : 47 % R.H.

| Band | SCS (kHz) | BW (MHz) | Frequency (MHz) | Occupied Bandwidth (MHz) | | | | |
|--------------|-----------|----------|-----------------|--------------------------|-----------------|------------------|--------------|---------------|
| | | | | DFT-S-OFDM BPSK | DFT-S-OFDM QPSK | DFT-S-OFDM 16QAM | CP-OFDM QPSK | CP-OFDM 16QAM |
| 7 | 15 | 5 | 2 535 | 4.476 | 4.496 | 4.486 | 4.486 | 4.505 |
| | | 10 | | 8.931 | 8.931 | 8.931 | 9.291 | 9.271 |
| | | 15 | | 13.457 | 13.457 | 13.487 | 14.206 | 14.146 |
| | | 20 | | 17.902 | 17.862 | 17.902 | 18.941 | 18.941 |
| 12 | 15 | 5 | 707.5 | 4.486 | 4.486 | 4.476 | 4.496 | 4.496 |
| | | 10 | | 8.911 | 8.931 | 8.951 | 9.311 | 9.271 |
| | | 15 | | 13.457 | 13.427 | 13.487 | 14.176 | 14.116 |
| | | | | | | | | |
| 13 | 15 | 5 | 782 | 4.496 | 4.486 | 4.476 | 4.496 | 4.505 |
| | | 10 | | 8.891 | 8.931 | 8.911 | 9.271 | 9.251 |
| 14 | 15 | 5 | 793 | 4.486 | 4.476 | 4.476 | 4.505 | 4.486 |
| | | 10 | | 8.911 | 8.931 | 8.951 | 9.291 | 9.271 |
| 25/2 | 15 | 5 | 1 882.5 | 4.486 | 4.486 | 4.476 | 4.505 | 4.496 |
| | | 10 | | 8.931 | 8.931 | 8.931 | 9.291 | 9.271 |
| | | 15 | | 13.487 | 13.576 | 13.487 | 14.176 | 14.116 |
| | | 20 | | 17.862 | 17.822 | 17.902 | 18.901 | 18.941 |
| 26/5 Part 22 | 15 | 5 | 836.5 | 4.466 | 4.486 | 4.476 | 4.486 | 4.505 |
| | | 10 | | 8.931 | 8.931 | 8.931 | 9.291 | 9.271 |
| | | 15 | | 13.459 | 13.546 | 13.487 | 14.146 | 14.116 |
| | | 20 | | 17.822 | 17.862 | 17.902 | 18.901 | 18.901 |
| 26 Part 90 | 15 | 5 | 819 | 4.486 | 4.476 | 4.486 | 4.515 | 4.505 |
| | | 10 | | 8.911 | 8.911 | 8.951 | 9.271 | 9.251 |

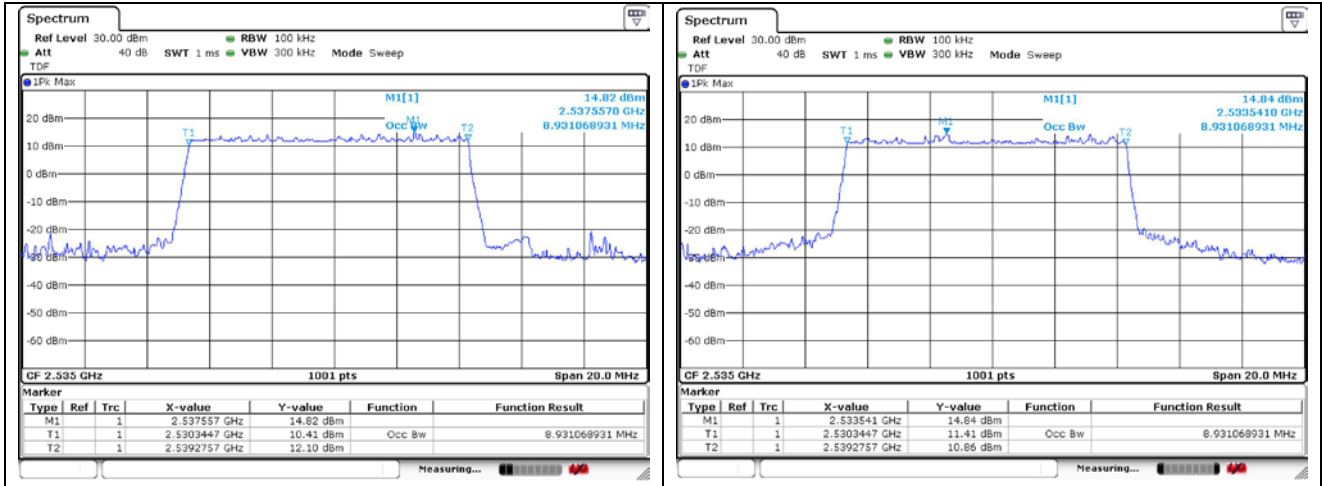
| Band | SCS (kHz) | BW (MHz) | Frequency (MHz) | Occupied Bandwidth (MHz) | | | | |
|------|-----------|----------|-----------------|--------------------------|-----------------|------------------|--------------|---------------|
| | | | | DFT-S-OFDM BPSK | DFT-S-OFDM QPSK | DFT-S-OFDM 16QAM | CP-OFDM QPSK | CP-OFDM 16QAM |
| 66 | 15 | 5 | 1 745.0 | 4.496 | 4.476 | 4.486 | 4.496 | 4.496 |
| | | 10 | | 8.931 | 8.931 | 8.931 | 9.291 | 9.271 |
| | | 15 | | 13.457 | 13.546 | 13.487 | 14.176 | 14.146 |
| | | 20 | | 17.902 | 17.862 | 17.902 | 18.941 | 18.941 |
| | | 40 | | 38.669 | 38.900 | 38.784 | 38.784 | 38.784 |
| Band | SCS (kHz) | BW (MHz) | Frequency (MHz) | Occupied Bandwidth (MHz) | | | | |
| | | | | DFT-S-OFDM BPSK | DFT-S-OFDM QPSK | DFT-S-OFDM 16QAM | CP-OFDM QPSK | CP-OFDM 16QAM |
| 71 | 15 | 5 | 680.5 | 4.486 | 4.486 | 4.476 | 4.496 | 4.486 |
| | | 10 | | 8.911 | 8.931 | 8.931 | 9.291 | 9.271 |
| | | 15 | | 13.427 | 13.487 | 13.457 | 14.176 | 14.146 |
| | | 20 | | 17.822 | 17.822 | 17.902 | 18.901 | 18.941 |

- Test plots

NR band 7

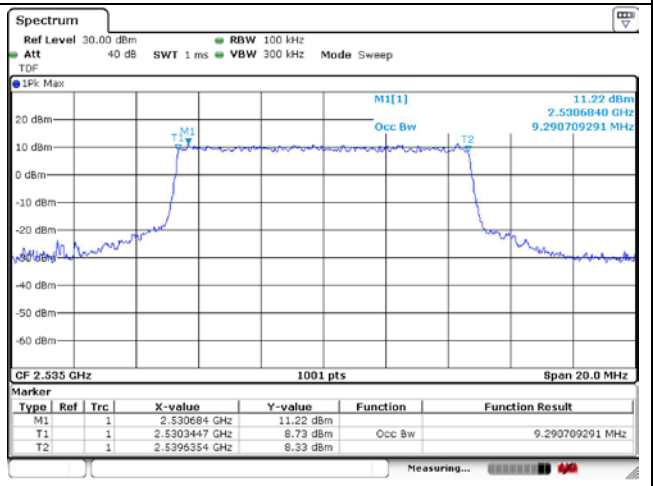
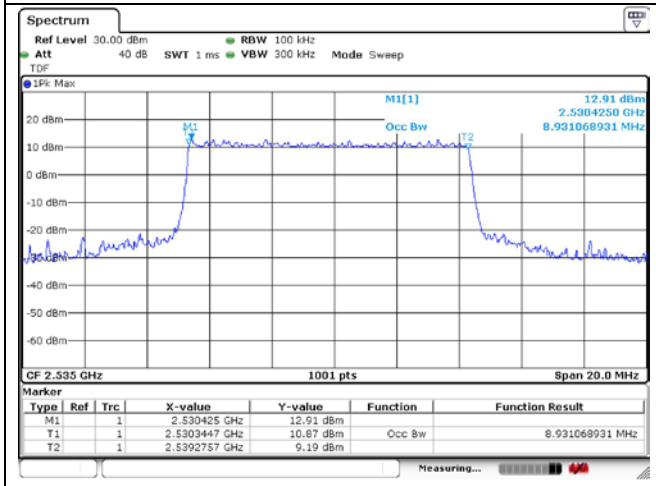


NR band 7



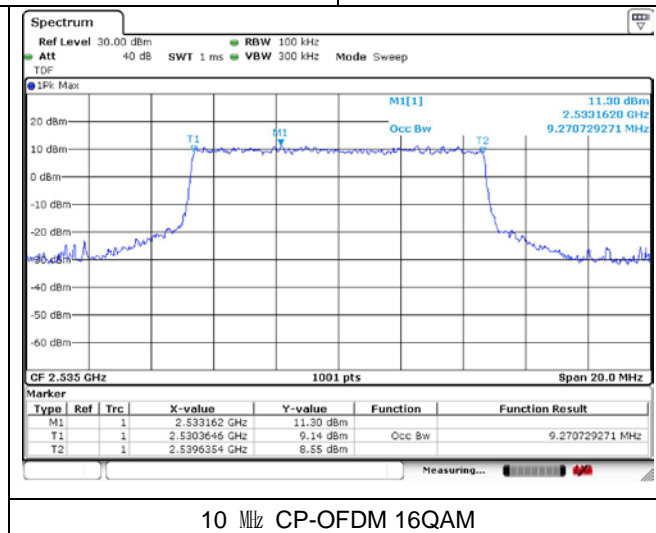
10 MHz DFT-S-OFDM BPSK

10 MHz DFT-S-OFDM QPSK



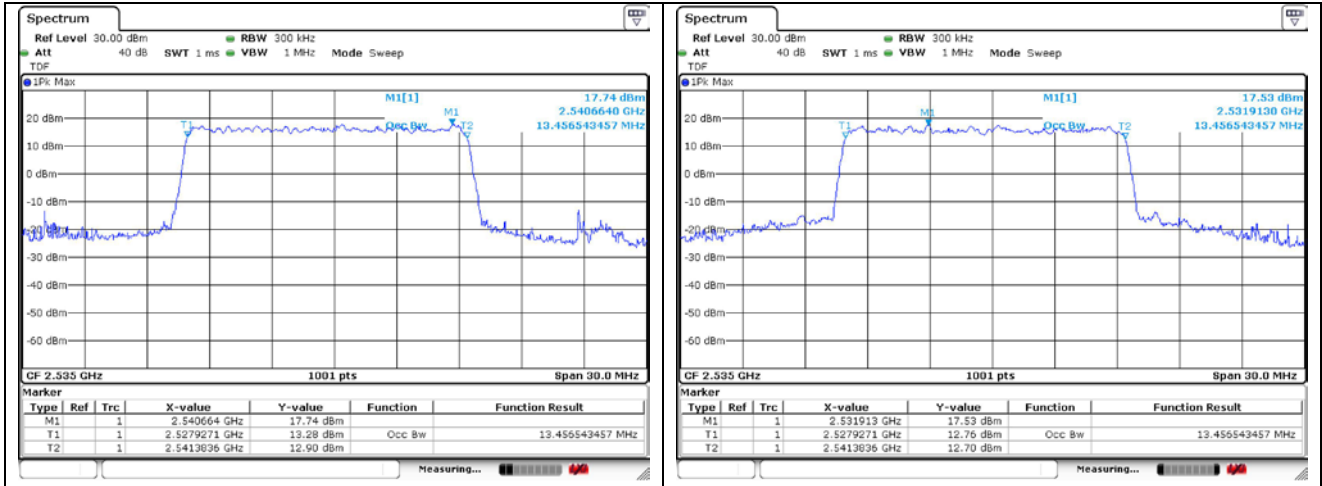
10 MHz DFT-S-OFDM 16QAM

10 MHz CP-OFDM QPSK



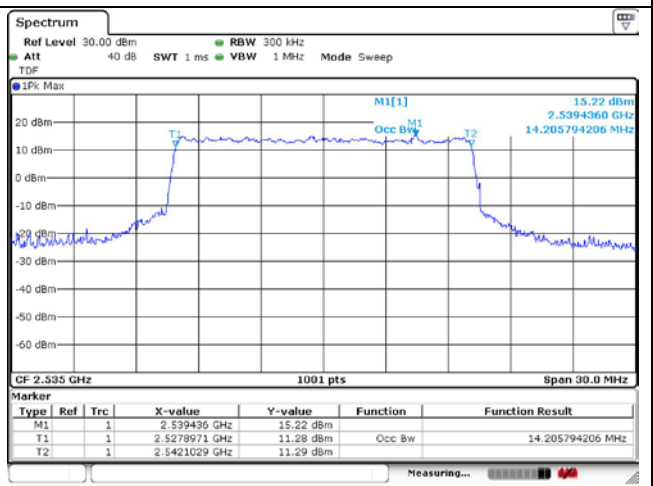
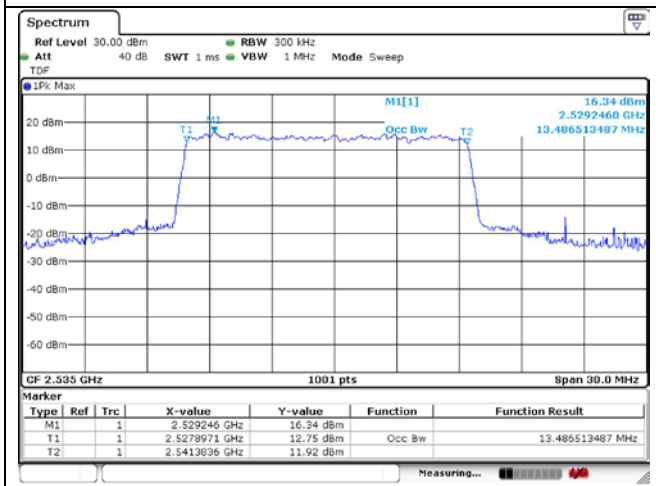
10 MHz CP-OFDM 16QAM

NR band 7



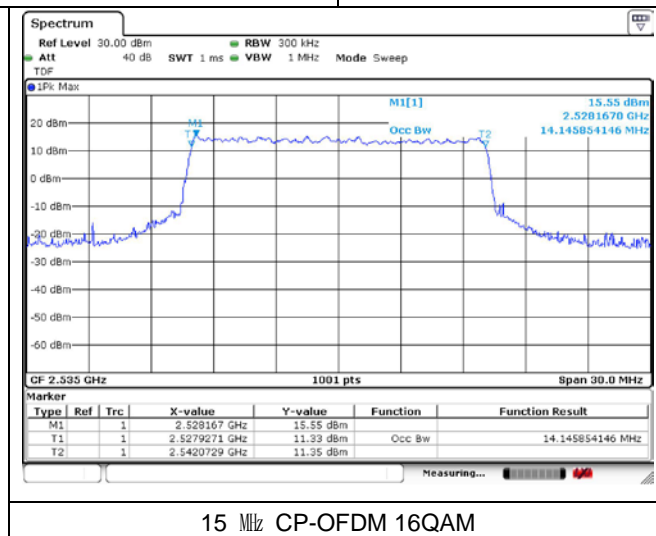
15 MHz DFT-S-OFDM BPSK

15 MHz DFT-S-OFDM QPSK



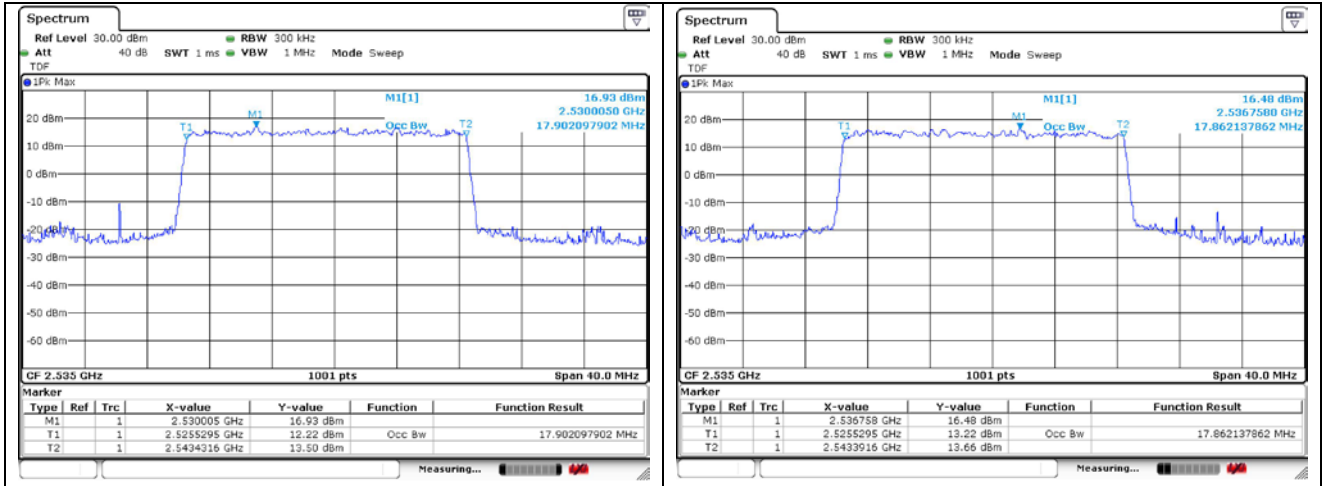
15 MHz DFT-S-OFDM 16QAM

15 MHz CP-OFDM QPSK



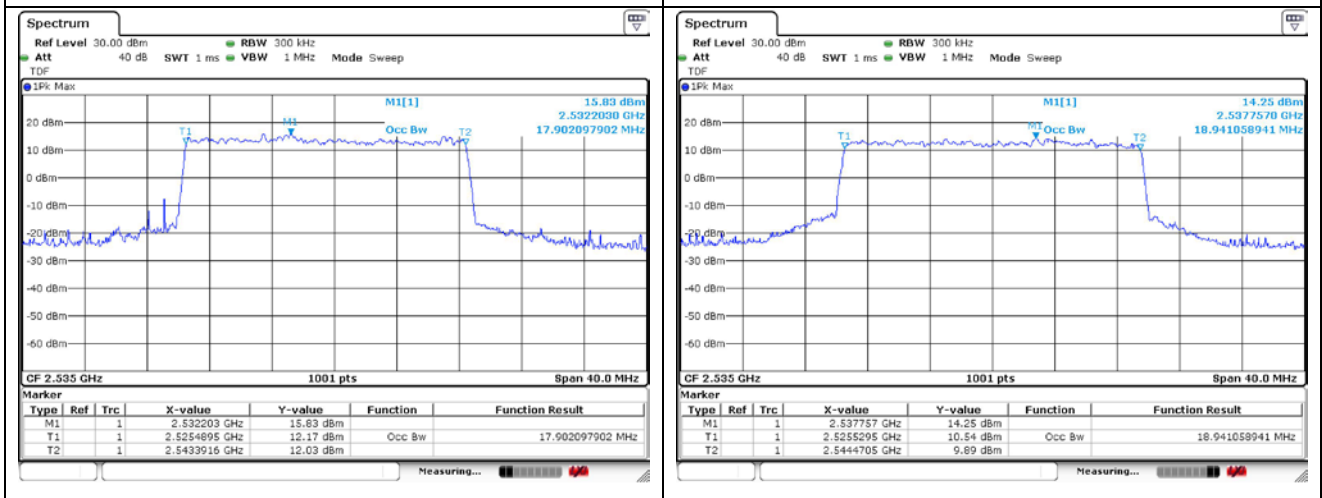
15 MHz CP-OFDM 16QAM

NR band 7



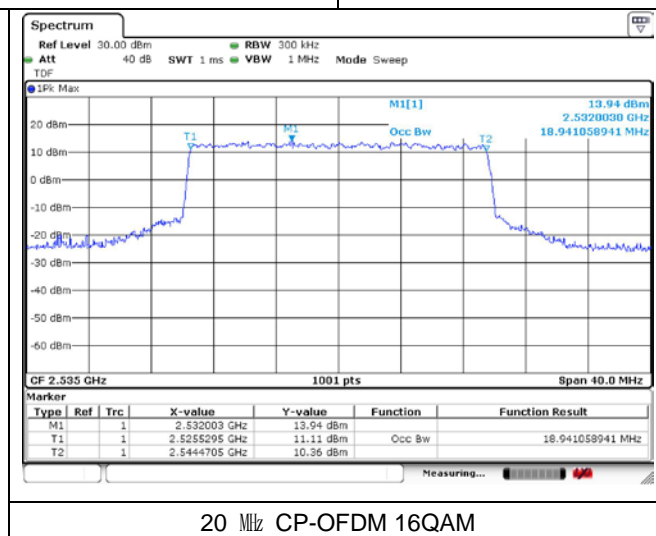
20 MHz DFT-S-OFDM BPSK

20 MHz DFT-S-OFDM QPSK



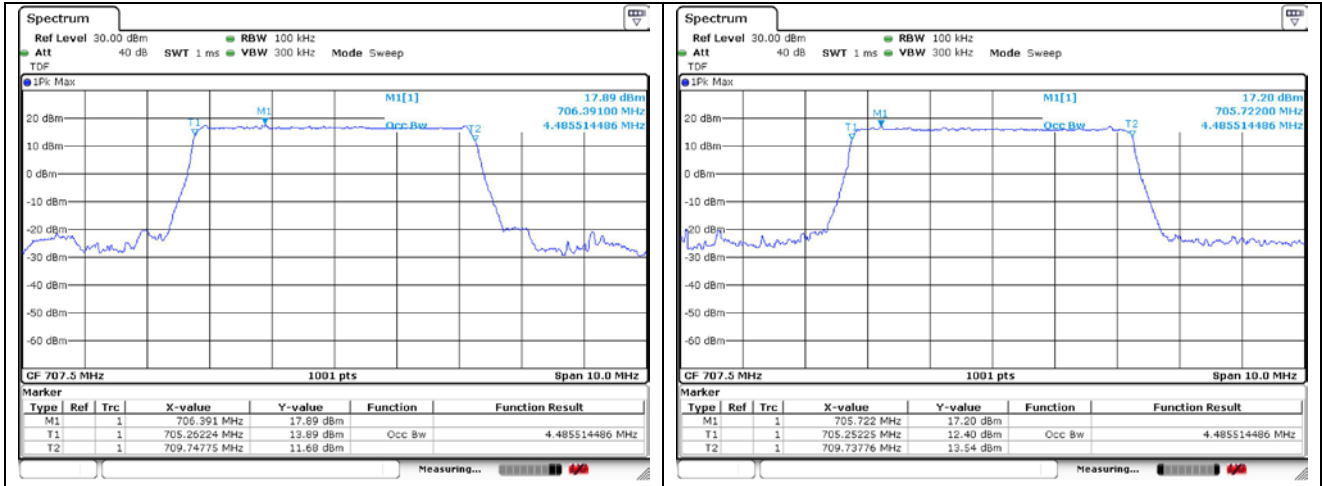
20 MHz DFT-S-OFDM 16QAM

20 MHz CP-OFDM QPSK



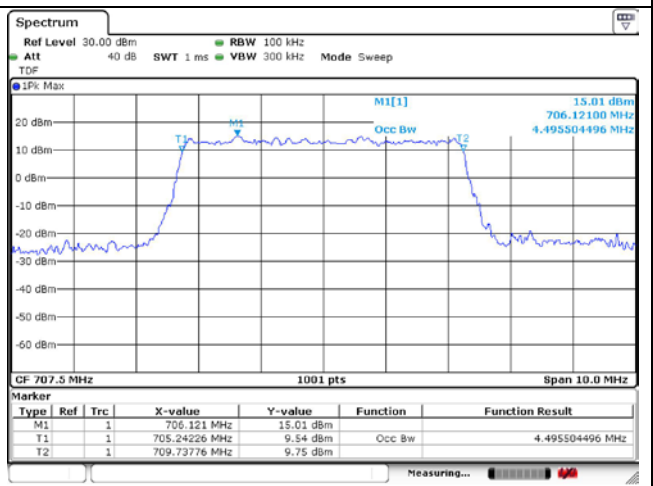
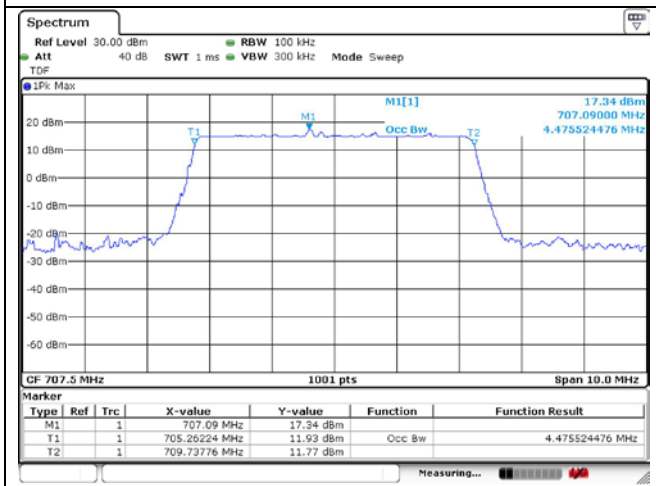
20 MHz CP-OFDM 16QAM

NR band 12



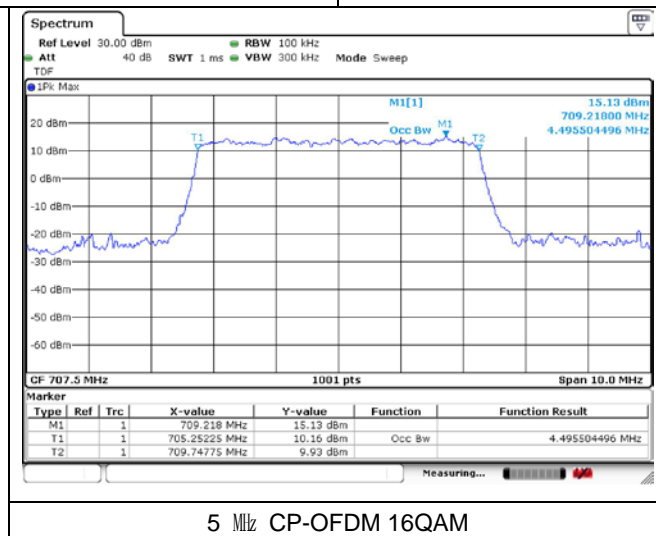
5 MHz DFT-S-OFDM BPSK

5 MHz DFT-S-OFDM QPSK



5 MHz DFT-S-OFDM 16QAM

5 MHz CP-OFDM QPSK



5 MHz CP-OFDM 16QAM