



# TEST REPORT

**APPLICANT** : Reliance Communications LLC

**PRODUCT NAME** : Orbic Myra

**MODEL NAME** : R678L5

**BRAND NAME** : Orbic

**FCC ID** : 2ABGH-R678L5

**STANDARD(S)** : 47 CFR Part 22, Subpart H  
47 CFR Part 24, Subpart E  
47 CFR Part 27, Subpart L&O

**RECEIPT DATE** : 2021-03-30

**TEST DATE** : 2021-03-31 to 2021-05-29

**ISSUE DATE** : 2021-05-29

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Peng Huarui ( Supervisor )

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REPORT No.: SZ21010412W08

| <b>Change History</b> |             |                          |
|-----------------------|-------------|--------------------------|
| <b>Version</b>        | <b>Date</b> | <b>Reason for change</b> |
| 1.0                   | 2021-05-29  | First edition            |
|                       |             |                          |



# 1. Technical Information

Note: Provide by applicant.

## 1.1. Applicant and Manufacturer Information

|                             |   |
|-----------------------------|---|
| <b>Applicant:</b>           | Reliance Communications LLC                                     |
| <b>Applicant Address:</b>   | 91 Colin Drive, Unit 1, HOLBROOK, New York 11741, United States |
| <b>Manufacturer:</b>        | ZJY RIGHT SOURCE INDIA PRIVATE LIMITED                          |
| <b>ManufacturerAddress:</b> | MIDC industrial Area, Shiravane, Nerul,India                    |

## 1.2. Equipment Under Test (EUT) Description

|                          |   |  |
|--------------------------|---|--|
| <b>Product Name:</b>     | Orbic Myra  |  |
| <b>Hardware Version:</b> | V2.2  |  |
| <b>Software Version:</b> | ORB678L5_v1.0.42_BVZ  |  |
| <b>Modulation Type:</b>  | DFT-s-OFDM  | PI/2 BPSK, QPSK, 16QAM,64QAM,256QAM        |
|                          | CP-OFDM   | QPSK, 16QAM,64QAM,256QAM                   |
| <b>Operation Band:</b>   | DC_13A_66A_N2, DC_12A_66A_66A_N2, DC_12A_N2, DC_2A_12A_N2, DC_12A_66A_N2, DC_46A_66A_N5, DC_2A_46D_N5, DC_13A_46A_N66, DC_5A_46A_N66, 12A_N66, DC_2A_12A_N66, DC_12A_66A_N66, DC_2A_46A_N66, DC_2A_12A_12A_N66, DC_13A_N77, DC_5A_N77 |  |
| <b>Frequency Range:</b>  | N2  | Tx: 1850MHz-1910MHz<br>Rx: 1930MHz-1990MHz |
|                          | N5  | Tx: 824MHz-849MHz<br>Rx: 869MHz-894MHz     |
|                          | N66   | Tx: 1710MHz-1780MHz<br>Rx: 2110MHz-2200MHz |
|                          | N77   | Tx: 3700MHz-3980MHz<br>Rx: 3700MHz-3980MHz |
| <b>Channel Bandwidth</b> | N2  | 5MHz, 10MHz, 15MHz, 20MHz,                 |
|                          | N5  | 5MHz, 10MHz, 15MHz, 20MHz,                 |
|                          | N66   | 5MHz, 10MHz, 15MHz, 20MHz,                 |
|                          | N77   | 100MHz                                     |



|                      |                        |                               |
|----------------------|------------------------|-------------------------------|
| <b>Antenna Type:</b> | Fixed Internal antenna |                               |
| <b>Antenna Gain:</b> | N2                     | -0.28 dBi                     |
|                      | N5                     | -1.57 dBi                     |
|                      | N66                    | -0.36 dBi                     |
|                      | N77                    | -1.55dBi                      |
|                      | <b>AC Adapter</b>      |                               |
|                      | Brand Name:            | Orbic                         |
|                      | Model No.:             | BLJ-QC06HU                    |
|                      | Serial No.:            | (N/A, marked #1 by test site) |
|                      | Rated Input:           | 100-240V~ 50/60HZ, 0.50A      |
|                      | Rated Output:          | 5V=3A; 9V=2A; 12V=1.5A        |
|                      | Manufacturer:          | Baolijin                      |
|                      | <b>Battery</b>         |                               |
|                      | Brand Name:            | Orbic                         |
|                      | Model No.:             | BLE-5001                      |
|                      | Serial No.:            | (N/A, marked #1 by test site) |
|                      | Capacity:              | 5000mAh                       |
|                      | Rated Voltage:         | 3.85V                         |
|                      | Charge Limit:          | 4.40V                         |
|                      | Manufacturer:          | HUIZHOU DXDRAGON INC          |

**Note 1:** For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

**Note 2:** According to the measured power of all frequency bands, The frequency band with the highest power was selected for the same NR frequency band for testing.

**Note 3:** The product only supports EN-DC, according to the measured power of all frequency bands, The frequency band with the highest power was selected for the same NR frequency band for testing.



### 1.3. Maximum ERP/EIRP and Emission Designator

| DC_13A_66A_N2 | Maximum ERP/EIRP (W) |       |       |       |        |         |
|---------------|----------------------|-------|-------|-------|--------|---------|
|               | DFT-s-OFDM           |       |       |       |        | CP-OFDM |
| BW(MHz)       | PI/2 BPSK            | QPSK  | 16QAM | 64QAM | 256QAM | QPSK    |
| 20            | 0.152                | 0.158 | 0.152 | 0.111 | 0.066  | 0.057   |
| 15            | 0.149                | /     | /     | /     | /      | /       |
| 10            | 0.133                | /     | /     | /     | /      | /       |
| 5             | 0.132                | /     | /     | /     | /      | /       |

| DC_13A_66A_N2 | Emission Designator (99%OBW) |         |         |         |         |         |
|---------------|------------------------------|---------|---------|---------|---------|---------|
|               | DFT-s-OFDM                   |         |         |         |         | CP-OFDM |
| BW(MHz)       | PI/2 BPSK                    | QPSK    | 16QAM   | 64QAM   | 256QAM  | QPSK    |
| 20            | 18M3G7D                      | 18M2G7D | 18M2W7D | 18M3D7W | 18M1D7W | 19M3G7D |
| 15            | 13M7G7D                      | 13M6G7D | 13M6W7D | 13M7D7W | 13M6D7W | 14M3G7D |
| 10            | 9M04G7D                      | 9M13G7D | 9M10W7D | 9M12D7W | 9M05D7W | 9M48G7D |
| 5             | 4M52G7D                      | 4M54G7D | 4M47W7D | 4M50D7W | 4M51D7W | 4M53G7D |

| DC_12A_66A_66A_N2 | Maximum ERP/EIRP (W) |       |       |       |        |         |
|-------------------|----------------------|-------|-------|-------|--------|---------|
|                   | DFT-s-OFDM           |       |       |       |        | CP-OFDM |
| BW(MHz)           | PI/2 BPSK            | QPSK  | 16QAM | 64QAM | 256QAM | QPSK    |
| 20                | 0.063                | 0.064 | 0.061 | 0.059 | 0.058  | 0.058   |
| 15                | 0.059                | /     | /     | /     | /      | /       |
| 10                | 0.060                | /     | /     | /     | /      | /       |
| 5                 | 0.059                | /     | /     | /     | /      | /       |



| DC_12A_N2 | Maximum ERP/EIRP (W) |       |       |       |        |         |
|-----------|----------------------|-------|-------|-------|--------|---------|
|           | DFT-s-OFDM           |       |       |       |        | CP-OFDM |
| BW(MHz)   | PI/2 BPSK            | QPSK  | 16QAM | 64QAM | 256QAM | QPSK    |
| 20        | 0.060                | 0.061 | 0.060 | 0.056 | 0.053  | 0.056   |
| 15        | 0.059                | /     | /     | /     | /      | /       |
| 10        | 0.058                | /     | /     | /     | /      | /       |
| 5         | 0.057                | /     | /     | /     | /      | /       |

| DC_2A_12A_N2 | Maximum ERP/EIRP (W) |       |       |       |        |         |
|--------------|----------------------|-------|-------|-------|--------|---------|
|              | DFT-s-OFDM           |       |       |       |        | CP-OFDM |
| BW(MHz)      | PI/2 BPSK            | QPSK  | 16QAM | 64QAM | 256QAM | QPSK    |
| 20           | 0.061                | 0.061 | 0.060 | 0.055 | 0.054  | 0.057   |
| 15           | 0.059                | /     | /     | /     | /      | /       |
| 10           | 0.058                | /     | /     | /     | /      | /       |
| 5            | 0.056                | /     | /     | /     | /      | /       |

| DC_12A_66A_N2 | Maximum ERP/EIRP (W) |       |       |       |        |         |
|---------------|----------------------|-------|-------|-------|--------|---------|
|               | DFT-s-OFDM           |       |       |       |        | CP-OFDM |
| BW(MHz)       | PI/2 BPSK            | QPSK  | 16QAM | 64QAM | 256QAM | QPSK    |
| 20            | 0.064                | 0.068 | 0.066 | 0.064 | 0.058  | 0.059   |
| 15            | 0.064                | /     | /     | /     | /      | /       |
| 10            | 0.065                | /     | /     | /     | /      | /       |
| 5             | 0.062                | /     | /     | /     | /      | /       |



| DC_46A_66A_N5 | Maximum ERP/EIRP (W) |       |       |       |        |         |
|---------------|----------------------|-------|-------|-------|--------|---------|
|               | DFT-s-OFDM           |       |       |       |        | CP-OFDM |
| BW(MHz)       | PI/2 BPSK            | QPSK  | 16QAM | 64QAM | 256QAM | QPSK    |
| 20            | 0.177                | 0.178 | 0.166 | 0.120 | 0.077  | 0.094   |
| 15            | 0.177                | /     | /     | /     | /      | /       |
| 10            | 0.166                | /     | /     | /     | /      | /       |
| 5             | 0.169                | /     | /     | /     | /      | /       |

| DC_46A_66A_N5 | Emission Designator (99%OBW) |         |         |         |         |         |
|---------------|------------------------------|---------|---------|---------|---------|---------|
|               | DFT-s-OFDM                   |         |         |         |         | CP-OFDM |
| BW(MHz)       | PI/2 BPSK                    | QPSK    | 16QAM   | 64QAM   | 256QAM  | QPSK    |
| 20            | 18M2G7D                      | 18M2G7D | 18M3W7D | 18M2D7W | 18M2D7W | 19M3G7D |
| 15            | 13M6G7D                      | 13M6G7D | 13M6W7D | 13M6D7W | 13M5D7W | 14M3G7D |
| 10            | 9M32G7D                      | 9M14G7D | 9M10W7D | 9M05D7W | 9M07D7W | 9M41G7D |
| 5             | 4M50G7D                      | 4M51G7D | 4M52W7D | 4M46D7W | 4M52D7W | 4M50G7D |

| DC_2A_46D_N5 | Maximum ERP/EIRP (W) |       |       |       |        |         |
|--------------|----------------------|-------|-------|-------|--------|---------|
|              | DFT-s-OFDM           |       |       |       |        | CP-OFDM |
| BW(MHz)      | PI/2 BPSK            | QPSK  | 16QAM | 64QAM | 256QAM | QPSK    |
| 20           | 0.068                | 0.077 | 0.067 | 0.063 | 0.062  | 0.051   |
| 15           | 0.065                | /     | /     | /     | /      | /       |
| 10           | 0.066                | /     | /     | /     | /      | /       |
| 5            | 0.067                | /     | /     | /     | /      | /       |





| DC_13A_46A_N66 | Maximum ERP/EIRP (W) |       |       |       |        |         |
|----------------|----------------------|-------|-------|-------|--------|---------|
|                | DFT-s-OFDM           |       |       |       |        | CP-OFDM |
| BW(MHz)        | PI/2 BPSK            | QPSK  | 16QAM | 64QAM | 256QAM | QPSK    |
| 20             | 0.180                | 0.195 | 0.171 | 0.114 | 0.072  | 0.092   |
| 15             | 0.162                | /     | /     | /     | /      | /       |
| 10             | 0.165                | /     | /     | /     | /      | /       |
| 5              | 0.163                | /     | /     | /     | /      | /       |

| DC_13A_46A_N66 | Emission Designator (99%OBW) |         |         |         |         |         |
|----------------|------------------------------|---------|---------|---------|---------|---------|
|                | DFT-s-OFDM                   |         |         |         |         | CP-OFDM |
| BW(MHz)        | PI/2 BPSK                    | QPSK    | 16QAM   | 64QAM   | 256QAM  | QPSK    |
| 20             | 18M2G7D                      | 18M2G7D | 18M2W7D | 18M2D7W | 18M2D7W | 19M4G7D |
| 15             | 13M7G7D                      | 13M8G7D | 13M7W7D | 13M7D7W | 13M6D7W | 14M4G7D |
| 10             | 8M96G7D                      | 9M05G7D | 9M11W7D | 9M09D7W | 9M09D7W | 9M46G7D |
| 5              | 4M50G7D                      | 4M52G7D | 4M51W7D | 4M52D7W | 4M50D7W | 4M55G7D |

| DC_5A_46A_N66 | Maximum ERP/EIRP (W) |       |       |       |        |         |
|---------------|----------------------|-------|-------|-------|--------|---------|
|               | DFT-s-OFDM           |       |       |       |        | CP-OFDM |
| BW(MHz)       | PI/2 BPSK            | QPSK  | 16QAM | 64QAM | 256QAM | QPSK    |
| 20            | 0.161                | 0.167 | 0.140 | 0.127 | 0.081  | 0.096   |
| 15            | 0.167                | /     | /     | /     | /      | /       |
| 10            | 0.161                | /     | /     | /     | /      | /       |
| 5             | 0.153                | /     | /     | /     | /      | /       |



| DC_12A_N66 | Maximum ERP/EIRP (W) |       |       |       |        |         |
|------------|----------------------|-------|-------|-------|--------|---------|
|            | DFT-s-OFDM           |       |       |       |        | CP-OFDM |
| BW(MHz)    | PI/2 BPSK            | QPSK  | 16QAM | 64QAM | 256QAM | QPSK    |
| 20         | 0.117                | 0.118 | 0.115 | 0.107 | 0.108  | 0.108   |
| 15         | 0.061                | /     | /     | /     | /      | /       |
| 10         | 0.065                | /     | /     | /     | /      | /       |
| 5          | 0.065                | /     | /     | /     | /      | /       |

| DC_2A_12A_N66 | Maximum ERP/EIRP (W) |       |       |       |        |         |
|---------------|----------------------|-------|-------|-------|--------|---------|
|               | DFT-s-OFDM           |       |       |       |        | CP-OFDM |
| BW(MHz)       | PI/2 BPSK            | QPSK  | 16QAM | 64QAM | 256QAM | QPSK    |
| 20            | 0.072                | 0.081 | 0.072 | 0.070 | 0.067  | 0.066   |
| 15            | 0.069                | /     | /     | /     | /      | /       |
| 10            | 0.066                | /     | /     | /     | /      | /       |
| 5             | 0.065                | /     | /     | /     | /      | /       |

| DC_12A_66A_N66 | Maximum ERP/EIRP (W) |       |       |       |        |         |
|----------------|----------------------|-------|-------|-------|--------|---------|
|                | DFT-s-OFDM           |       |       |       |        | CP-OFDM |
| BW(MHz)        | PI/2 BPSK            | QPSK  | 16QAM | 64QAM | 256QAM | QPSK    |
| 20             | 0.059                | 0.060 | 0.055 | 0.055 | 0.054  | 0.056   |
| 15             | 0.052                | /     | /     | /     | /      | /       |
| 10             | 0.053                | /     | /     | /     | /      | /       |
| 5              | 0.052                | /     | /     | /     | /      | /       |



| DC_2A_46A_N66 | Maximum ERP/EIRP (W) |        |       |       |        |         |
|---------------|----------------------|--------|-------|-------|--------|---------|
|               | DFT-s-OFDM           |        |       |       |        | CP-OFDM |
| BW(MHz)       | PI/2 BPSK            | QPSK   | 16QAM | 64QAM | 256QAM | QPSK    |
| 20            | 0.171                | 0.0176 | 0.166 | 0.127 | 0.083  | 0.100   |
| 15            | 0.169                | /      | /     | /     | /      | /       |
| 10            | 0.160                | /      | /     | /     | /      | /       |
| 5             | 0.168                | /      | /     | /     | /      | /       |

| DC_2A_12A_12A_N66 | Maximum ERP/EIRP (W) |       |       |       |        |         |
|-------------------|----------------------|-------|-------|-------|--------|---------|
|                   | DFT-s-OFDM           |       |       |       |        | CP-OFDM |
| BW(MHz)           | PI/2 BPSK            | QPSK  | 16QAM | 64QAM | 256QAM | QPSK    |
| 20                | 0.057                | 0.060 | 0.057 | 0.054 | 0.053  | 0.055   |
| 15                | 0.056                | /     | /     | /     | /      | /       |
| 10                | 0.057                | /     | /     | /     | /      | /       |
| 5                 | 0.055                | /     | /     | /     | /      | /       |

| DC_13A_N77 | Maximum ERP/EIRP (W) |       |       |       |        |         |
|------------|----------------------|-------|-------|-------|--------|---------|
|            | DFT-s-OFDM           |       |       |       |        | CP-OFDM |
| BW(MHz)    | PI/2 BPSK            | QPSK  | 16QAM | 64QAM | 256QAM | QPSK    |
| 100        | 0.143                | 0.147 | 0.094 | 0.081 | 0.061  | 0.037   |



| DC_13A_N77 | Emission Designator (99%OBW) |         |         |         |         |         |
|------------|------------------------------|---------|---------|---------|---------|---------|
|            | DFT-s-OFDM                   |         |         |         |         | CP-OFDM |
| BW(MHz)    | PI/2 BPSK                    | QPSK    | 16QAM   | 64QAM   | 256QAM  | QPSK    |
| 100        | 97M0G7D                      | 96M7G7D | 97M0W7D | 97M1D7W | 97M0D7W | 97M0G7D |

| DC_5A_N77 | Maximum ERP/EIRP (W) |       |       |       |        |         |
|-----------|----------------------|-------|-------|-------|--------|---------|
|           | DFT-s-OFDM           |       |       |       |        | CP-OFDM |
| BW(MHz)   | PI/2 BPSK            | QPSK  | 16QAM | 64QAM | 256QAM | QPSK    |
| 100       | 0.141                | 0.144 | 0.109 | 0.077 | 0.058  | 0.070   |



## 1.4. Test Standards and Results

The objective of the report is to perform testing according to Part 2, Part 22, Part 24 and Part 27 for the EUT FCC ID Certification:

| No | Identity       | Document Title  |
|----|----------------|---|
| 1  | 47 CFR Part 2  | Frequency Allocations and Radio Treaty Matters; General Rules and Regulations |
| 2  | 47 CFR Part 22 | Public Mobile Services  |
| 3  | 47 CFR Part 24 | Personal Communications Services  |
| 4  | 47 CFR Part 27 | Miscellaneous Wireless Communications Services                                |



Test detailed items/section required by FCC rules and results are as below:

| Section   | Description                                     | Test Date              | Test Engineer          | Result | Method Determination /Remark |
|---|---|------------------------|------------------------|--------|------------------------------|
| 2.1046,27.50(d)(4)<br>22.913(a)(2)<br>24.232(c)<br>27.50(d)(4)<br>27.50(j)(3) | Transmitter Conducted Output Power and ERP/EIRP | Mar 31 to Apr 15,2021  | Chen Haiju<br>Yang Jie | PASS   | No deviation                 |
| 2.1049  | Occupied Bandwidth                              | Apr 16 to May 26, 2021 | Chen Haiju             | PASS   | No deviation                 |
| 2.1055<br>22.355<br>24.235<br>27.54   | Frequency Stability                             | Apr 29 to 30, 2021     | Chen Haiju             | PASS   | No deviation                 |
| 24.232(d)<br>27.50(d)(5)<br>27.50(j)(4)                                       | Peak to Average Radio                           | May 2 to 26, 2021      | Chen Haiju             | PASS   | No deviation                 |
| 2.1051,<br>22.917(a)<br>24.238(a)<br>27.53(h)<br>27.53(l)                     | Conducted Spurious Emissions                    | May 4 to 26, 2021      | Chen Haiju             | PASS   | No deviation                 |
| 2.1051,<br>22.917(a)<br>24.238(a)<br>27.53(h)<br>27.53(l)                     | Band Edge                                       | May 20, and 29, 2021   | Chen Haiju             | PASS   | No deviation                 |
| 2.1051,<br>22.917(a)<br>24.238(a)<br>27.53(h)<br>27.53(l)                     | Radiated Spurious Emissions                     | May 01 to 05,2021      | Yang Jie               | PASS   | No deviation                 |

**Note 1:** The tests were performed according to the method of measurements prescribed in KDB971168 D01 v03 and ANSI/TIA-603-E-2016.

**Note 2:** The path loss during the RF test is calibrated to correct the results by the offset setting in the test equipments. The ref offset4dB and Attenuator 36dB.



**Note 3:** When the test result is a critical value, we will use the measurement uncertainty give the judgment result based on the 95% risk level.

## 1.5. Environmental Conditions

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

|                             |         |
|-----------------------------|---------|
| Temperature (°C):           | 15 - 35 |
| Relative Humidity (%):      | 30 -60  |
| Atmospheric Pressure (kPa): | 86-106  |

## 2.47 CFR Part 2, Part 22H, Part 24E, Part 27L&O Requirements

### 2.1. Transmitter Conducted Output Power And ERP/EIRP

#### 2.1.1. Requirement

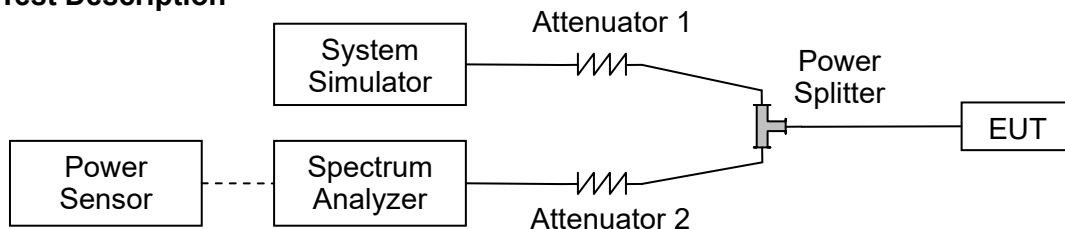
According to FCC section 2.1046(a), for transmitters other than single sideband, independent sideband and controlled carrier radiotelephone, power output shall be measured at the RF output terminals when the transmitter is adjusted in accordance with the tune-up procedure to give the values of current and voltage on the circuit elements specified in FCC section 2.1033(c)(8).

According to FCC section 27.50 (h)(2) for N41, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.

According to FCC section 27.50 (d)(4) for N66, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.

According to FCC section 27.50 (j)(3) for N77, Mobile and portable stations are limited to 1 Watt EIRP. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

#### 2.1.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50 Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

#### 2.1.3. Test procedure

KDB 971168 D01v03 Section 5.2 and ANSI/TIA-603-E-2016.

$EIRP \text{ (dBm)} = \text{Conducted Output Power (dBm)} + \text{Antenna Gain (dBi)}$

$ERP \text{ (dBm)} = EIPR \text{ (dBm)} - 2.15$





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#### 2.1.4. Result

**Conducted Output Power:**



**DC\_13A\_66A\_N2**

| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                         |         |           | 372000      | 376000         | 380000       |
| Frequency (MHz) |                         |         |           | 1860        | 1880           | 1900         |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 21.68       | 21.60          | 21.72        |
| 20              |                         | 1       | 53        | 21.83       | 21.71          | 21.60        |
| 20              |                         | 1       | 104       | 21.63       | 21.69          | 21.35        |
| 20              |                         | 50      | 1         | 21.54       | 21.58          | 21.42        |
| 20              |                         | 50      | 25        | 21.57       | 21.31          | 21.22        |
| 20              |                         | 50      | 50        | 21.52       | 21.45          | 21.46        |
| 20              |                         | 100     | 0         | 21.60       | 21.64          | 21.31        |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 21.78       | 21.99          | 21.83        |
| 20              |                         | 1       | 53        | 21.91       | 21.89          | 21.53        |
| 20              |                         | 1       | 104       | 21.68       | 21.95          | 21.60        |
| 20              |                         | 50      | 1         | 21.68       | 21.69          | 21.45        |
| 20              |                         | 50      | 25        | 21.65       | 21.58          | 21.29        |
| 20              |                         | 50      | 50        | 21.61       | 21.64          | 21.28        |
| 20              |                         | 100     | 0         | 21.66       | 21.68          | 21.45        |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 21.72       | 21.83          | 21.62        |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 20.30       | 20.17          | 20.45        |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 18.12       | 17.96          | 18.20        |
| Channel         |                         |         |           | 3715000     | 376000         | 380500       |
| Frequency (MHz) |                         |         |           | 1857.5      | 1880           | 1902.5       |
| 15              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 21.72       | 21.20          | 21.12        |
| Channel         |                         |         |           | 371000      | 376000         | 381000       |
| Frequency (MHz) |                         |         |           | 1855        | 1880           | 1905         |
| 10              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 21.12       | 21.06          | 21.23        |
| Channel         |                         |         |           | 370500      | 376000         | 381500       |
| Frequency (MHz) |                         |         |           | 1852.5      | 1880           | 1907.5       |
| 5               | DFT-s-OFDM<br>QPSK      | 1       | 1         | 21.01       | 21.21          | 21.09        |



| BW [MHz]        | Modulation        | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                   |         |           | 372000      | 376000         | 380000       |
| Frequency (MHz) |                   |         |           | 1860        | 1880           | 1900         |
| 20              | CP-OFDM<br>QPSK   | 1       | 1         | 21.10       | 21.18          | 21.47        |
| 20              | CP-OFDM<br>16QAM  | 1       | 1         | 20.10       | 20.93          | 20.75        |
| 20              | CP-OFDM<br>64QAM  | 1       | 1         | 18.61       | 19.07          | 19.19        |
| 20              | CP-OFDM<br>256QAM | 1       | 1         | 17.54       | 17.30          | 17.46        |



**DC\_12A\_66A\_66A\_N2**

| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                         |         |           | 372000      | 376000         | 380000       |
| Frequency (MHz) |                         |         |           | 1860        | 1880           | 1900         |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.98       | 17.64          | 17.61        |
| 20              |                         | 1       | 53        | 17.69       | 17.63          | 17.53        |
| 20              |                         | 1       | 104       | 17.97       | 17.74          | 17.88        |
| 20              |                         | 50      | 1         | 17.43       | 17.43          | 17.47        |
| 20              |                         | 50      | 25        | 17.45       | 17.17          | 17.57        |
| 20              |                         | 50      | 50        | 17.32       | 17.36          | 17.35        |
| 20              |                         | 100     | 0         | 17.40       | 17.32          | 17.25        |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.80       | 18.04          | 17.63        |
| 20              |                         | 1       | 53        | 17.49       | 17.50          | 17.50        |
| 20              |                         | 1       | 104       | 17.72       | 17.70          | 17.52        |
| 20              |                         | 50      | 1         | 17.56       | 17.61          | 17.56        |
| 20              |                         | 50      | 25        | 17.49       | 17.38          | 17.34        |
| 20              |                         | 50      | 50        | 17.48       | 17.50          | 17.44        |
| 20              |                         | 100     | 0         | 17.56       | 17.50          | 17.42        |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 17.88       | 17.84          | 17.69        |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 17.71       | 17.50          | 17.70        |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 17.65       | 17.51          | 17.45        |
| Channel         |                         |         |           | 3715000     | 376000         | 380500       |
| Frequency (MHz) |                         |         |           | 1857.5      | 1880           | 1902.5       |
| 15              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.72       | 17.74          | 17.47        |
| Channel         |                         |         |           | 371000      | 376000         | 381000       |
| Frequency (MHz) |                         |         |           | 1855        | 1880           | 1905         |
| 10              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.75       | 17.42          | 17.36        |
| Channel         |                         |         |           | 370500      | 376000         | 381500       |
| Frequency (MHz) |                         |         |           | 1852.5      | 1880           | 1907.5       |
| 5               | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.71       | 17.26          | 17.01        |



| BW [MHz]        | Modulation        | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                   |         |           | 372000      | 376000         | 380000       |
| Frequency (MHz) |                   |         |           | 1860        | 1880           | 1900         |
| 20              | CP-OFDM<br>QPSK   | 1       | 1         | 17.58       | 17.59          | 17.32        |
| 20              | CP-OFDM<br>16QAM  | 1       | 1         | 17.90       | 17.54          | 17.82        |
| 20              | CP-OFDM<br>64QAM  | 1       | 1         | 17.59       | 18.02          | 17.34        |
| 20              | CP-OFDM<br>256QAM | 1       | 1         | 17.65       | 17.45          | 17.23        |



**DC\_12A\_N2**

| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                         |         |           | 372000      | 376000         | 380000       |
| Frequency (MHz) |                         |         |           | 1860        | 1880           | 1900         |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.67       | 17.19          | 17.34        |
| 20              |                         | 1       | 53        | 17.57       | 17.25          | 17.22        |
| 20              |                         | 1       | 104       | 17.53       | 17.26          | 16.79        |
| 20              |                         | 50      | 1         | 17.76       | 17.30          | 17.37        |
| 20              |                         | 50      | 25        | 17.65       | 17.31          | 17.49        |
| 20              |                         | 50      | 50        | 17.53       | 17.29          | 17.10        |
| 20              |                         | 100     | 0         | 17.62       | 17.40          | 17.16        |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.79       | 17.82          | 17.80        |
| 20              |                         | 1       | 53        | 17.58       | 17.25          | 17.69        |
| 20              |                         | 1       | 104       | 17.28       | 17.21          | 17.52        |
| 20              |                         | 50      | 1         | 17.60       | 17.63          | 17.30        |
| 20              |                         | 50      | 25        | 17.58       | 17.18          | 17.25        |
| 20              |                         | 50      | 50        | 17.46       | 17.38          | 17.04        |
| 20              |                         | 100     | 0         | 17.55       | 17.33          | 17.31        |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 17.80       | 17.51          | 17.49        |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 17.46       | 17.28          | 17.07        |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 17.21       | 17.00          | 17.06        |
| Channel         |                         |         |           | 3715000     | 376000         | 380500       |
| Frequency (MHz) |                         |         |           | 1857.5      | 1880           | 1902.5       |
| 15              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.68       | 17.31          | 17.13        |
| Channel         |                         |         |           | 371000      | 376000         | 381000       |
| Frequency (MHz) |                         |         |           | 1855        | 1880           | 1905         |
| 10              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.62       | 17.26          | 17.39        |
| Channel         |                         |         |           | 370500      | 376000         | 381500       |
| Frequency (MHz) |                         |         |           | 1852.5      | 1880           | 1907.5       |
| 5               | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.58       | 17.29          | 16.96        |



| BW [MHz]        | Modulation        | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                   |         |           | 372000      | 376000         | 380000       |
| Frequency (MHz) |                   |         |           | 1860        | 1880           | 1900         |
| 20              | CP-OFDM<br>QPSK   | 1       | 1         | 17.49       | 17.21          | 17.23        |
| 20              | CP-OFDM<br>16QAM  | 1       | 1         | 17.18       | 17.36          | 17.61        |
| 20              | CP-OFDM<br>64QAM  | 1       | 1         | 17.24       | 17.24          | 17.05        |
| 20              | CP-OFDM<br>256QAM | 1       | 1         | 17.50       | 17.30          | 17.17        |

## DC\_2A\_12A\_N2

| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                         |         |           | 372000      | 376000         | 380000       |
| Frequency (MHz) |                         |         |           | 1860        | 1880           | 1900         |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.83       | 17.65          | 17.56        |
| 20              |                         | 1       | 53        | 17.82       | 17.52          | 17.43        |
| 20              |                         | 1       | 104       | 17.66       | 17.77          | 17.71        |
| 20              |                         | 50      | 1         | 17.64       | 17.51          | 17.66        |
| 20              |                         | 50      | 25        | 17.66       | 17.48          | 17.79        |
| 20              |                         | 50      | 50        | 17.81       | 17.63          | 17.60        |
| 20              |                         | 100     | 0         | 17.57       | 17.60          | 17.42        |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.75       | 17.86          | 17.77        |
| 20              |                         | 1       | 53        | 17.34       | 17.31          | 17.26        |
| 20              |                         | 1       | 104       | 17.22       | 17.39          | 17.56        |
| 20              |                         | 50      | 1         | 17.26       | 17.49          | 17.45        |
| 20              |                         | 50      | 25        | 17.33       | 17.39          | 17.31        |
| 20              |                         | 50      | 50        | 17.44       | 17.44          | 17.21        |
| 20              |                         | 100     | 0         | 17.47       | 17.41          | 17.19        |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 17.76       | 17.41          | 17.48        |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 17.43       | 17.24          | 17.36        |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 17.17       | 17.23          | 17.31        |
| Channel         |                         |         |           | 3715000     | 376000         | 380500       |
| Frequency (MHz) |                         |         |           | 1857.5      | 1880           | 1902.5       |
| 15              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.74       | 17.61          | 17.46        |
| Channel         |                         |         |           | 371000      | 376000         | 381000       |
| Frequency (MHz) |                         |         |           | 1855        | 1880           | 1905         |
| 10              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.64       | 17.33          | 17.43        |
| Channel         |                         |         |           | 370500      | 376000         | 381500       |
| Frequency (MHz) |                         |         |           | 1852.5      | 1880           | 1907.5       |
| 5               | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.51       | 17.36          | 16.91        |





| BW [MHz]        | Modulation        | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                   |         |           | 372000      | 376000         | 380000       |
| Frequency (MHz) |                   |         |           | 1860        | 1880           | 1900         |
| 20              | CP-OFDM<br>QPSK   | 1       | 1         | 17.43       | 17.12          | 17.45        |
| 20              | CP-OFDM<br>16QAM  | 1       | 1         | 17.78       | 17.63          | 17.73        |
| 20              | CP-OFDM<br>64QAM  | 1       | 1         | 17.55       | 17.13          | 17.37        |
| 20              | CP-OFDM<br>256QAM | 1       | 1         | 17.53       | 17.27          | 17.39        |



**DC\_12A\_66A\_N2**

| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                         |         |           | 372000      | 376000         | 380000       |
| Frequency (MHz) |                         |         |           | 1860        | 1880           | 1900         |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 18.09       | 18.06          | 17.58        |
| 20              |                         | 1       | 53        | 17.95       | 17.77          | 17.47        |
| 20              |                         | 1       | 104       | 17.95       | 17.79          | 17.75        |
| 20              |                         | 50      | 1         | 18.07       | 17.87          | 17.82        |
| 20              |                         | 50      | 25        | 17.97       | 17.75          | 17.68        |
| 20              |                         | 50      | 50        | 18.01       | 17.88          | 17.10        |
| 20              |                         | 100     | 0         | 18.05       | 17.90          | 17.53        |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 18.21       | 18.35          | 18.26        |
| 20              |                         | 1       | 53        | 17.90       | 18.32          | 17.76        |
| 20              |                         | 1       | 104       | 17.84       | 18.01          | 17.34        |
| 20              |                         | 50      | 1         | 17.66       | 17.69          | 17.59        |
| 20              |                         | 50      | 25        | 17.52       | 17.66          | 17.61        |
| 20              |                         | 50      | 50        | 17.67       | 17.52          | 17.63        |
| 20              |                         | 100     | 0         | 17.66       | 17.63          | 17.22        |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 18.21       | 18.00          | 18.01        |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 18.06       | 17.59          | 17.71        |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 17.09       | 17.62          | 17.57        |
| Channel         |                         |         |           | 3715000     | 376000         | 380500       |
| Frequency (MHz) |                         |         |           | 1857.5      | 1880           | 1902.5       |
| 15              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 18.07       | 17.91          | 17.94        |
| Channel         |                         |         |           | 371000      | 376000         | 381000       |
| Frequency (MHz) |                         |         |           | 1855        | 1880           | 1905         |
| 10              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 18.14       | 17.76          | 17.82        |
| Channel         |                         |         |           | 370500      | 376000         | 381500       |
| Frequency (MHz) |                         |         |           | 1852.5      | 1880           | 1907.5       |
| 5               | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.64       | 17.95          | 17.25        |



| BW [MHz]        | Modulation        | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                   |         |           | 372000      | 376000         | 380000       |
| Frequency (MHz) |                   |         |           | 1860        | 1880           | 1900         |
| 20              | CP-OFDM<br>QPSK   | 1       | 1         | 17.69       | 17.61          | 17.69        |
| 20              | CP-OFDM<br>16QAM  | 1       | 1         | 17.62       | 17.69          | 17.74        |
| 20              | CP-OFDM<br>64QAM  | 1       | 1         | 17.71       | 17.22          | 17.26        |
| 20              | CP-OFDM<br>256QAM | 1       | 1         | 17.71       | 17.58          | 17.23        |



**DC\_12A\_66A\_N2**

| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                         |         |           | 372000      | 376000         | 380000       |
| Frequency (MHz) |                         |         |           | 1860        | 1880           | 1900         |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 18.09       | 18.06          | 17.58        |
| 20              |                         | 1       | 53        | 17.95       | 17.77          | 17.47        |
| 20              |                         | 1       | 104       | 17.95       | 17.79          | 17.75        |
| 20              |                         | 50      | 1         | 18.07       | 17.87          | 17.82        |
| 20              |                         | 50      | 25        | 17.97       | 17.75          | 17.68        |
| 20              |                         | 50      | 50        | 18.01       | 17.88          | 17.10        |
| 20              |                         | 100     | 0         | 18.05       | 17.90          | 17.53        |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 18.21       | 18.35          | 18.26        |
| 20              |                         | 1       | 53        | 17.90       | 18.32          | 17.76        |
| 20              |                         | 1       | 104       | 17.84       | 18.01          | 17.34        |
| 20              |                         | 50      | 1         | 17.66       | 17.69          | 17.59        |
| 20              |                         | 50      | 25        | 17.52       | 17.66          | 17.61        |
| 20              |                         | 50      | 50        | 17.67       | 17.52          | 17.63        |
| 20              |                         | 100     | 0         | 17.66       | 17.63          | 17.22        |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 18.21       | 18.00          | 18.01        |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 18.06       | 17.59          | 17.71        |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 17.09       | 17.62          | 17.57        |
| Channel         |                         |         |           | 3715000     | 376000         | 380500       |
| Frequency (MHz) |                         |         |           | 1857.5      | 1880           | 1902.5       |
| 15              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 18.07       | 17.91          | 17.94        |
| Channel         |                         |         |           | 371000      | 376000         | 381000       |
| Frequency (MHz) |                         |         |           | 1855        | 1880           | 1905         |
| 10              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 18.14       | 17.76          | 17.82        |
| Channel         |                         |         |           | 370500      | 376000         | 381500       |
| Frequency (MHz) |                         |         |           | 1852.5      | 1880           | 1907.5       |
| 5               | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.64       | 17.95          | 17.25        |



| BW [MHz]        | Modulation        | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                   |         |           | 372000      | 376000         | 380000       |
| Frequency (MHz) |                   |         |           | 1860        | 1880           | 1900         |
| 20              | CP-OFDM<br>QPSK   | 1       | 1         | 17.69       | 17.61          | 17.69        |
| 20              | CP-OFDM<br>16QAM  | 1       | 1         | 17.62       | 17.69          | 17.74        |
| 20              | CP-OFDM<br>64QAM  | 1       | 1         | 17.71       | 17.22          | 17.26        |
| 20              | CP-OFDM<br>256QAM | 1       | 1         | 17.71       | 17.58          | 17.23        |



**DC\_46A\_66A\_N5**

| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                         |         |           | 166800      | 167300         | 167800       |
| Frequency (MHz) |                         |         |           | 834         | 836.5          | 839          |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.49       | 22.34          | 22.17        |
| 20              |                         | 1       | 53        | 22.05       | 22.20          | 22.11        |
| 20              |                         | 1       | 104       | 22.04       | 22.11          | 22.00        |
| 20              |                         | 50      | 1         | 22.27       | 22.26          | 22.17        |
| 20              |                         | 50      | 25        | 22.14       | 22.10          | 22.11        |
| 20              |                         | 50      | 50        | 22.19       | 22.08          | 22.24        |
| 20              |                         | 100     | 0         | 22.25       | 22.24          | 22.13        |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 22.46       | 22.50          | 22.49        |
| 20              |                         | 1       | 53        | 22.42       | 22.43          | 22.34        |
| 20              |                         | 1       | 104       | 22.19       | 22.28          | 22.22        |
| 20              |                         | 50      | 1         | 22.34       | 22.35          | 22.20        |
| 20              |                         | 50      | 25        | 22.16       | 22.16          | 22.09        |
| 20              |                         | 50      | 50        | 22.15       | 22.15          | 22.19        |
| 20              |                         | 100     | 0         | 22.22       | 22.17          | 22.12        |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 22.03       | 22.21          | 22.02        |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 20.78       | 20.64          | 20.59        |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 18.84       | 18.71          | 18.56        |
| Channel         |                         |         |           | 166300      | 167300         | 168300       |
| Frequency (MHz) |                         |         |           | 831.5       | 836.5          | 841.5        |
| 15              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 22.48       | 22.48          | 22.42        |
| Channel         |                         |         |           | 165800      | 167300         | 168800       |
| Frequency (MHz) |                         |         |           | 829         | 836.5          | 844          |
| 10              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 22.09       | 22.12          | 22.21        |
| Channel         |                         |         |           | 165300      | 167300         | 169300       |
| Frequency (MHz) |                         |         |           | 826.5       | 836.5          | 846.5        |
| 5               | DFT-s-OFDM<br>QPSK      | 1       | 1         | 22.16       | 22.27          | 21.94        |



| BW [MHz]        | Modulation        | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                   |         |           | 166800      | 167300         | 167800       |
| Frequency (MHz) |                   |         |           | 834         | 836.5          | 839          |
| 20              | CP-OFDM<br>QPSK   | 1       | 1         | 21.74       | 21.85          | 21.71        |
| 20              | CP-OFDM<br>16QAM  | 1       | 1         | 21.79       | 21.64          | 21.50        |
| 20              | CP-OFDM<br>64QAM  | 1       | 1         | 19.55       | 19.75          | 19.48        |
| 20              | CP-OFDM<br>256QAM | 1       | 1         | 19.62       | 19.73          | 19.65        |



**DC\_2A\_46D\_N5**

| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                         |         |           | 166800      | 167300         | 167800       |
| Frequency (MHz) |                         |         |           | 834         | 836.5          | 839          |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 18.09       | 18.10          | 18.12        |
| 20              |                         | 1       | 53        | 18.00       | 18.08          | 18.21        |
| 20              |                         | 1       | 104       | 18.14       | 17.89          | 17.86        |
| 20              |                         | 50      | 1         | 18.04       | 18.16          | 18.30        |
| 20              |                         | 50      | 25        | 18.22       | 18.23          | 18.33        |
| 20              |                         | 50      | 50        | 18.21       | 18.23          | 18.09        |
| 20              |                         | 100     | 0         | 18.18       | 18.24          | 18.20        |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 18.77       | 18.86          | 18.65        |
| 20              |                         | 1       | 53        | 18.72       | 18.11          | 18.22        |
| 20              |                         | 1       | 104       | 18.62       | 18.61          | 18.61        |
| 20              |                         | 50      | 1         | 18.03       | 18.22          | 18.12        |
| 20              |                         | 50      | 25        | 18.13       | 18.13          | 18.29        |
| 20              |                         | 50      | 50        | 18.13       | 18.19          | 18.27        |
| 20              |                         | 100     | 0         | 18.26       | 18.19          | 18.08        |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 18.28       | 18.24          | 18.18        |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 17.93       | 17.97          | 17.99        |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 17.95       | 17.92          | 17.93        |
| Channel         |                         |         |           | 166300      | 167300         | 168300       |
| Frequency (MHz) |                         |         |           | 831.5       | 836.5          | 841.5        |
| 15              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 18.13       | 18.08          | 18.14        |
| Channel         |                         |         |           | 165800      | 167300         | 168800       |
| Frequency (MHz) |                         |         |           | 829         | 836.5          | 844          |
| 10              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 18.15       | 18.10          | 18.19        |
| Channel         |                         |         |           | 165300      | 167300         | 169300       |
| Frequency (MHz) |                         |         |           | 826.5       | 836.5          | 846.5        |
| 5               | DFT-s-OFDM<br>QPSK      | 1       | 1         | 18.16       | 18.24          | 18.13        |





| BW [MHz]        | Modulation        | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                   |         |           | 166800      | 167300         | 167800       |
| Frequency (MHz) |                   |         |           | 834         | 836.5          | 839          |
| 20              | CP-OFDM<br>QPSK   | 1       | 1         | 18.08       | 18.00          | 18.01        |
| 20              | CP-OFDM<br>16QAM  | 1       | 1         | 18.31       | 18.38          | 18.42        |
| 20              | CP-OFDM<br>64QAM  | 1       | 1         | 17.85       | 17.86          | 17.90        |
| 20              | CP-OFDM<br>256QAM | 1       | 1         | 17.01       | 17.02          | 17.04        |



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| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                         |         |           | 344000      | 349000         | 354000       |
| Frequency (MHz) |                         |         |           | 1720        | 1745           | 1770         |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.06       | 22.18          | 22.06        |
| 20              |                         | 1       | 39        | 22.56       | 22.22          | 22.10        |
| 20              |                         | 1       | 77        | 22.36       | 22.06          | 22.16        |
| 20              |                         | 36      | 1         | 22.43       | 22.31          | 22.27        |
| 20              |                         | 36      | 18        | 22.56       | 22.24          | 22.16        |
| 20              |                         | 36      | 36        | 22.54       | 22.17          | 22.10        |
| 20              |                         | 75      | 0         | 22.52       | 22.29          | 22.18        |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 22.90       | 22.91          | 22.89        |
| 20              |                         | 1       | 39        | 22.81       | 22.33          | 22.68        |
| 20              |                         | 1       | 77        | 22.88       | 22.36          | 22.76        |
| 20              |                         | 36      | 1         | 22.66       | 22.68          | 22.65        |
| 20              |                         | 36      | 18        | 22.57       | 22.37          | 22.46        |
| 20              |                         | 36      | 36        | 22.64       | 22.32          | 22.40        |
| 20              |                         | 75      | 0         | 22.56       | 22.32          | 22.63        |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 22.24       | 22.29          | 22.34        |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 20.48       | 20.57          | 20.16        |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 18.51       | 18.59          | 18.12        |
| Channel         |                         |         |           | 343500      | 349000         | 354500       |
| Frequency (MHz) |                         |         |           | 1717.5      | 1745           | 1772.5       |
| 15              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 22.10       | 21.80          | 21.76        |
| Channel         |                         |         |           | 343000      | 349000         | 355000       |
| Frequency (MHz) |                         |         |           | 1715        | 1745           | 1775         |
| 10              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 22.18       | 22.05          | 21.34        |
| Channel         |                         |         |           | 3425000     | 349000         | 355500       |
| Frequency (MHz) |                         |         |           | 1712.5      | 1745           | 1777.5       |
| 5               | DFT-s-OFDM              | 1       | 1         | 22.11       | 21.89          | 21.30        |



|                 | QPSK              |         |           |             |                |              |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| BW [MHz]        | Modulation        | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
| Channel         |                   |         |           | 344000      | 349000         | 354000       |
| Frequency (MHz) |                   |         |           | 1720        | 1745           | 1770         |
| 20              | CP-OFDM<br>QPSK   | 1       | 1         | 21.78       | 21.63          | 21.73        |
| 20              | CP-OFDM<br>16QAM  | 1       | 1         | 21.43       | 21.50          | 21.11        |
| 20              | CP-OFDM<br>64QAM  | 1       | 1         | 19.45       | 19.64          | 19.21        |
| 20              | CP-OFDM<br>256QAM | 1       | 1         | 19.45       | 19.64          | 19.21        |

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| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                         |         |           | 344000      | 349000         | 354000       |
| Frequency (MHz) |                         |         |           | 1720        | 1745           | 1770         |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 21.67       | 21.41          | 21.92        |
| 20              |                         | 1       | 39        | 21.65       | 21.70          | 22.08        |
| 20              |                         | 1       | 77        | 21.54       | 21.52          | 21.25        |
| 20              |                         | 36      | 1         | 21.35       | 21.26          | 21.22        |
| 20              |                         | 36      | 18        | 21.49       | 21.43          | 21.51        |
| 20              |                         | 36      | 36        | 21.38       | 21.37          | 21.38        |
| 20              |                         | 75      | 0         | 21.23       | 21.16          | 21.89        |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 22.21       | 22.24          | 22.16        |
| 20              |                         | 1       | 39        | 21.79       | 21.95          | 21.63        |
| 20              |                         | 1       | 77        | 21.80       | 21.86          | 21.56        |
| 20              |                         | 36      | 1         | 21.34       | 21.64          | 21.56        |
| 20              |                         | 36      | 18        | 21.38       | 21.22          | 21.40        |
| 20              |                         | 36      | 36        | 21.35       | 21.56          | 21.46        |
| 20              |                         | 75      | 0         | 21.13       | 21.36          | 21.38        |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 21.46       | 21.32          | 21.12        |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 21.03       | 20.79          | 20.38        |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 19.10       | 18.67          | 18.35        |
| Channel         |                         |         |           | 343500      | 349000         | 354500       |
| Frequency (MHz) |                         |         |           | 1717.5      | 1745           | 1772.5       |
| 15              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 21.75       | 21.56          | 22.23        |
| Channel         |                         |         |           | 343000      | 349000         | 355000       |
| Frequency (MHz) |                         |         |           | 1715        | 1745           | 1775         |
| 10              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 22.07       | 21.99          | 21.71        |
| Channel         |                         |         |           | 3425000     | 349000         | 355500       |
| Frequency (MHz) |                         |         |           | 1712.5      | 1745           | 1777.5       |
| 5               | DFT-s-OFDM              | 1       | 1         | 21.85       | 21.79          | 21.48        |



|                 | QPSK              |         |           |             |                |              |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| BW [MHz]        | Modulation        | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
| Channel         |                   |         |           | 344000      | 349000         | 354000       |
| Frequency (MHz) |                   |         |           | 1720        | 1745           | 1770         |
| 20              | CP-OFDM<br>QPSK   | 1       | 1         | 21.12       | 21.51          | 21.38        |
| 20              | CP-OFDM<br>16QAM  | 1       | 1         | 20.99       | 21.36          | 21.09        |
| 20              | CP-OFDM<br>64QAM  | 1       | 1         | 19.53       | 19.81          | 19.40        |
| 20              | CP-OFDM<br>256QAM | 1       | 1         | 19.53       | 19.81          | 19.40        |



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| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                         |         |           | 344000      | 349000         | 354000       |
| Frequency (MHz) |                         |         |           | 1720        | 1745           | 1770         |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 20.38       | 20.34          | 20.25        |
| 20              |                         | 1       | 39        | 20.49       | 20.68          | 20.24        |
| 20              |                         | 1       | 77        | 20.22       | 20.25          | 20.22        |
| 20              |                         | 36      | 1         | 20.45       | 20.29          | 20.44        |
| 20              |                         | 36      | 18        | 20.47       | 20.26          | 20.40        |
| 20              |                         | 36      | 36        | 20.29       | 20.22          | 20.33        |
| 20              |                         | 75      | 0         | 20.44       | 20.28          | 20.32        |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 20.53       | 20.72          | 20.45        |
| 20              |                         | 1       | 39        | 20.56       | 20.41          | 20.26        |
| 20              |                         | 1       | 77        | 20.36       | 20.52          | 20.21        |
| 20              |                         | 36      | 1         | 20.45       | 20.47          | 20.31        |
| 20              |                         | 36      | 18        | 20.40       | 20.30          | 20.29        |
| 20              |                         | 36      | 36        | 20.28       | 20.19          | 20.37        |
| 20              |                         | 75      | 0         | 20.46       | 20.20          | 20.26        |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 20.57       | 20.40          | 20.60        |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 20.21       | 20.30          | 20.22        |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 20.32       | 20.02          | 20.17        |
| Channel         |                         |         |           | 343500      | 349000         | 354500       |
| Frequency (MHz) |                         |         |           | 1717.5      | 1745           | 1772.5       |
| 15              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.65       | 17.49          | 17.83        |
| Channel         |                         |         |           | 343000      | 349000         | 355000       |
| Frequency (MHz) |                         |         |           | 1715        | 1745           | 1775         |
| 10              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.72       | 17.59          | 18.13        |
| Channel         |                         |         |           | 3425000     | 349000         | 355500       |
| Frequency (MHz) |                         |         |           | 1712.5      | 1745           | 1777.5       |
| 5               | DFT-s-OFDM              | 1       | 1         | 17.55       | 17.66          | 18.15        |



|                 | QPSK              |         |           |             |                |              |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| BW [MHz]        | Modulation        | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
| Channel         |                   |         |           | 344000      | 349000         | 354000       |
| Frequency (MHz) |                   |         |           | 1720        | 1745           | 1770         |
| 20              | CP-OFDM<br>QPSK   | 1       | 1         | 20.45       | 20.23          | 20.30        |
| 20              | CP-OFDM<br>16QAM  | 1       | 1         | 20.61       | 20.28          | 20.23        |
| 20              | CP-OFDM<br>64QAM  | 1       | 1         | 20.33       | 20.02          | 20.15        |
| 20              | CP-OFDM<br>256QAM | 1       | 1         | 20.33       | 20.02          | 20.15        |



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| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                         |         |           | 344000      | 349000         | 354000       |
| Frequency (MHz) |                         |         |           | 1720        | 1745           | 1770         |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 18.23       | 18.21          | 17.93        |
| 20              |                         | 1       | 39        | 18.60       | 18.57          | 17.71        |
| 20              |                         | 1       | 77        | 18.18       | 18.50          | 18.14        |
| 20              |                         | 36      | 1         | 18.07       | 18.31          | 17.53        |
| 20              |                         | 36      | 18        | 18.33       | 18.34          | 17.70        |
| 20              |                         | 36      | 36        | 18.04       | 18.20          | 18.04        |
| 20              |                         | 75      | 0         | 18.05       | 18.15          | 18.02        |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 18.45       | 19.10          | 18.99        |
| 20              |                         | 1       | 39        | 18.35       | 18.36          | 18.87        |
| 20              |                         | 1       | 77        | 18.32       | 18.27          | 18.95        |
| 20              |                         | 36      | 1         | 18.33       | 18.48          | 17.97        |
| 20              |                         | 36      | 18        | 18.26       | 18.43          | 17.97        |
| 20              |                         | 36      | 36        | 18.25       | 18.35          | 17.77        |
| 20              |                         | 75      | 0         | 18.31       | 18.35          | 17.86        |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 18.56       | 18.48          | 18.20        |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 18.44       | 18.24          | 17.76        |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 18.26       | 18.17          | 17.66        |
| Channel         |                         |         |           | 343500      | 349000         | 354500       |
| Frequency (MHz) |                         |         |           | 1717.5      | 1745           | 1772.5       |
| 15              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 18.38       | 18.36          | 18.15        |
| Channel         |                         |         |           | 343000      | 349000         | 355000       |
| Frequency (MHz) |                         |         |           | 1715        | 1745           | 1775         |
| 10              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 18.17       | 18.02          | 17.46        |
| Channel         |                         |         |           | 3425000     | 349000         | 355500       |
| Frequency (MHz) |                         |         |           | 1712.5      | 1745           | 1777.5       |
| 5               | DFT-s-OFDM              | 1       | 1         | 18.13       | 17.99          | 17.85        |





|                 | QPSK              |         |           |             |                |              |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| BW [MHz]        | Modulation        | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
| Channel         |                   |         |           | 344000      | 349000         | 354000       |
| Frequency (MHz) |                   |         |           | 1720        | 1745           | 1770         |
| 20              | CP-OFDM<br>QPSK   | 1       | 1         | 18.29       | 18.48          | 17.85        |
| 20              | CP-OFDM<br>16QAM  | 1       | 1         | 18.51       | 18.55          | 17.77        |
| 20              | CP-OFDM<br>64QAM  | 1       | 1         | 18.19       | 18.07          | 17.23        |
| 20              | CP-OFDM<br>256QAM | 1       | 1         | 18.19       | 18.07          | 17.23        |



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| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                         |         |           | 344000      | 349000         | 354000       |
| Frequency (MHz) |                         |         |           | 1720        | 1745           | 1770         |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.29       | 17.51          | 17.39        |
| 20              |                         | 1       | 39        | 17.68       | 17.39          | 17.32        |
| 20              |                         | 1       | 77        | 17.54       | 17.17          | 17.45        |
| 20              |                         | 36      | 1         | 17.00       | 17.56          | 17.17        |
| 20              |                         | 36      | 18        | 17.17       | 17.38          | 17.04        |
| 20              |                         | 36      | 36        | 17.36       | 17.13          | 17.21        |
| 20              |                         | 75      | 0         | 17.54       | 17.33          | 17.22        |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.10       | 17.77          | 17.14        |
| 20              |                         | 1       | 39        | 17.14       | 17.14          | 17.28        |
| 20              |                         | 1       | 77        | 17.02       | 17.29          | 17.32        |
| 20              |                         | 36      | 1         | 17.36       | 17.62          | 17.44        |
| 20              |                         | 36      | 18        | 17.44       | 17.60          | 17.20        |
| 20              |                         | 36      | 36        | 17.54       | 17.26          | 17.39        |
| 20              |                         | 75      | 0         | 17.45       | 17.42          | 17.19        |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 17.32       | 17.06          | 17.41        |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 16.96       | 17.25          | 17.42        |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 17.32       | 17.18          | 17.05        |
| Channel         |                         |         |           | 343500      | 349000         | 354500       |
| Frequency (MHz) |                         |         |           | 1717.5      | 1745           | 1772.5       |
| 15              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.01       | 17.18          | 16.90        |
| Channel         |                         |         |           | 343000      | 349000         | 355000       |
| Frequency (MHz) |                         |         |           | 1715        | 1745           | 1775         |
| 10              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.16       | 17.24          | 17.02        |
| Channel         |                         |         |           | 3425000     | 349000         | 355500       |
| Frequency (MHz) |                         |         |           | 1712.5      | 1745           | 1777.5       |
| 5               | DFT-s-OFDM              | 1       | 1         | 17.20       | 17.12          | 17.12        |



|                 | QPSK              |         |           |             |                |              |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| BW [MHz]        | Modulation        | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
| Channel         |                   |         |           | 344000      | 349000         | 354000       |
| Frequency (MHz) |                   |         |           | 1720        | 1745           | 1770         |
| 20              | CP-OFDM<br>QPSK   | 1       | 1         | 17.27       | 17.57          | 16.97        |
| 20              | CP-OFDM<br>16QAM  | 1       | 1         | 17.46       | 17.34          | 16.90        |
| 20              | CP-OFDM<br>64QAM  | 1       | 1         | 17.68       | 17.29          | 17.17        |
| 20              | CP-OFDM<br>256QAM | 1       | 1         | 17.47       | 17.20          | 17.37        |



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| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                         |         |           | 344000      | 349000         | 354000       |
| Frequency (MHz) |                         |         |           | 1720        | 1745           | 1770         |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.28       | 22.21          | 22.10        |
| 20              |                         | 1       | 39        | 22.11       | 22.10          | 21.80        |
| 20              |                         | 1       | 77        | 22.33       | 22.22          | 21.70        |
| 20              |                         | 36      | 1         | 22.33       | 22.30          | 22.00        |
| 20              |                         | 36      | 18        | 22.13       | 22.17          | 21.86        |
| 20              |                         | 36      | 36        | 22.10       | 22.15          | 21.84        |
| 20              |                         | 75      | 0         | 22.20       | 22.10          | 21.87        |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 22.34       | 22.45          | 21.81        |
| 20              |                         | 1       | 39        | 22.02       | 22.10          | 21.62        |
| 20              |                         | 1       | 77        | 22.03       | 22.07          | 21.77        |
| 20              |                         | 36      | 1         | 22.06       | 22.29          | 21.97        |
| 20              |                         | 36      | 18        | 22.03       | 22.26          | 21.74        |
| 20              |                         | 36      | 36        | 22.06       | 22.00          | 21.72        |
| 20              |                         | 75      | 0         | 22.07       | 22.16          | 21.94        |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 22.16       | 22.21          | 22.19        |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 21.01       | 21.03          | 20.41        |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 19.21       | 19.06          | 18.36        |
| Channel         |                         |         |           | 343500      | 349000         | 354500       |
| Frequency (MHz) |                         |         |           | 1717.5      | 1745           | 1772.5       |
| 15              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 22.28       | 22.09          | 21.91        |
| Channel         |                         |         |           | 343000      | 349000         | 355000       |
| Frequency (MHz) |                         |         |           | 1715        | 1745           | 1775         |
| 10              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 21.99       | 22.05          | 21.84        |
| Channel         |                         |         |           | 3425000     | 349000         | 355500       |
| Frequency (MHz) |                         |         |           | 1712.5      | 1745           | 1777.5       |
| 5               | DFT-s-OFDM              | 1       | 1         | 22.25       | 21.94          | 21.74        |



|                 | QPSK              |         |           |             |                |              |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| BW [MHz]        | Modulation        | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
| Channel         |                   |         |           | 344000      | 349000         | 354000       |
| Frequency (MHz) |                   |         |           | 1720        | 1745           | 1770         |
| 20              | CP-OFDM<br>QPSK   | 1       | 1         | 21.68       | 21.66          | 21.44        |
| 20              | CP-OFDM<br>16QAM  | 1       | 1         | 21.63       | 21.35          | 21.14        |
| 20              | CP-OFDM<br>64QAM  | 1       | 1         | 19.63       | 20.01          | 19.54        |
| 20              | CP-OFDM<br>256QAM | 1       | 1         | 19.63       | 20.01          | 19.54        |



**DC\_2A\_12A\_12A\_N66**

| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                         |         |           | 344000      | 349000         | 354000       |
| Frequency (MHz) |                         |         |           | 1720        | 1745           | 1770         |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.28       | 17.35          | 17.19        |
| 20              |                         | 1       | 39        | 17.40       | 17.30          | 17.05        |
| 20              |                         | 1       | 77        | 17.32       | 17.33          | 17.22        |
| 20              |                         | 36      | 1         | 17.44       | 17.27          | 17.24        |
| 20              |                         | 36      | 18        | 17.48       | 17.44          | 17.31        |
| 20              |                         | 36      | 36        | 17.58       | 17.35          | 17.17        |
| 20              |                         | 75      | 0         | 17.35       | 17.36          | 17.15        |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.31       | 17.76          | 17.17        |
| 20              |                         | 1       | 39        | 17.44       | 17.12          | 17.14        |
| 20              |                         | 1       | 77        | 17.65       | 17.29          | 17.13        |
| 20              |                         | 36      | 1         | 17.16       | 17.49          | 17.23        |
| 20              |                         | 36      | 18        | 17.46       | 17.41          | 17.30        |
| 20              |                         | 36      | 36        | 17.35       | 17.33          | 17.22        |
| 20              |                         | 75      | 0         | 17.37       | 17.38          | 17.20        |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 17.55       | 17.26          | 17.38        |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 17.17       | 17.32          | 17.14        |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 17.23       | 17.24          | 17.05        |
| Channel         |                         |         |           | 343500      | 349000         | 354500       |
| Frequency (MHz) |                         |         |           | 1717.5      | 1745           | 1772.5       |
| 15              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.51       | 17.36          | 16.99        |
| Channel         |                         |         |           | 343000      | 349000         | 355000       |
| Frequency (MHz) |                         |         |           | 1715        | 1745           | 1775         |
| 10              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.55       | 17.45          | 17.35        |
| Channel         |                         |         |           | 3425000     | 349000         | 355500       |
| Frequency (MHz) |                         |         |           | 1712.5      | 1745           | 1777.5       |
| 5               | DFT-s-OFDM              | 1       | 1         | 17.43       | 17.39          | 17.01        |



|                 | QPSK              |         |           |             |                |              |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| BW [MHz]        | Modulation        | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
| Channel         |                   |         |           | 344000      | 349000         | 354000       |
| Frequency (MHz) |                   |         |           | 1720        | 1745           | 1770         |
| 20              | CP-OFDM<br>QPSK   | 1       | 1         | 17.44       | 17.30          | 17.16        |
| 20              | CP-OFDM<br>16QAM  | 1       | 1         | 17.45       | 17.19          | 17.19        |
| 20              | CP-OFDM<br>64QAM  | 1       | 1         | 17.30       | 17.08          | 17.13        |
| 20              | CP-OFDM<br>256QAM | 1       | 1         | 17.41       | 17.17          | 17.19        |



DC\_13A\_N77

| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                         |         |           | 650000      | 656000         | 662000       |
| Frequency (MHz) |                         |         |           | 3750        | 3840           | 3930         |
| 100             | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.69       | 22.06          | 22.32        |
| 100             |                         | 1       | 136       | 22.50       | 21.66          | 23.10        |
| 100             |                         | 1       | 272       | 22.14       | 21.48          | 22.36        |
| 100             |                         | 135     | 1         | 22.50       | 21.18          | 22.26        |
| 100             |                         | 135     | 67        | 22.17       | 22.26          | 22.21        |
| 100             |                         | 135     | 136       | 22.00       | 21.96          | 22.35        |
| 100             |                         | 270     | 0         | 22.16       | 20.41          | 22.08        |
| 100             | DFT-s-OFDM<br>QPSK      | 1       | 1         | 23.22       | 23.23          | 23.22        |
| 100             |                         | 1       | 136       | 23.16       | 22.64          | 23.15        |
| 100             |                         | 1       | 272       | 23.13       | 22.86          | 23.16        |
| 100             |                         | 135     | 1         | 22.52       | 22.80          | 22.29        |
| 100             |                         | 135     | 67        | 22.61       | 22.17          | 22.22        |
| 100             |                         | 135     | 136       | 22.33       | 21.41          | 22.20        |
| 100             | 270                     | 0       | 22.12     | 21.80       | 22.34          |              |
| 100             | DFT-s-OFDM<br>16QAM     | 1       | 1         | 20.99       | 21.26          | 20.65        |
| 100             | DFT-s-OFDM<br>64QAM     | 1       | 1         | 20.61       | 19.56          | 19.34        |
| 100             | DFT-s-OFDM<br>256QAM    | 1       | 1         | 19.25       | 17.75          | 19.43        |
| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
| Channel         |                         |         |           | 650000      | 656000         | 662000       |
| Frequency (MHz) |                         |         |           | 3750        | 3840           | 3930         |
| 100             | CP-OFDM<br>QPSK         | 1       | 1         | 22.32       | 21.33          | 21.24        |
| 100             | CP-OFDM<br>16QAM        | 1       | 1         | 22.05       | 21.78          | 20.96        |
| 100             | CP-OFDM<br>64QAM        | 1       | 1         | 19.98       | 19.83          | 19.96        |
| 100             | CP-OFDM<br>256QAM       | 1       | 1         | 17.27       | 16.81          | 16.21        |





**DC\_5A\_N77**

| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                         |         |           | 650000      | 656000         | 662000       |
| Frequency (MHz) |                         |         |           | 3750        | 3840           | 3930         |
| 100             | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.77       | 21.98          | 22.23        |
| 100             |                         | 1       | 136       | 22.52       | 21.63          | 23.04        |
| 100             |                         | 1       | 272       | 22.06       | 21.52          | 21.41        |
| 100             |                         | 135     | 1         | 21.83       | 20.96          | 21.96        |
| 100             |                         | 135     | 67        | 22.20       | 21.87          | 22.66        |
| 100             |                         | 135     | 136       | 21.88       | 21.67          | 21.92        |
| 100             |                         | 270     | 0         | 21.31       | 20.34          | 21.60        |
| 100             | DFT-s-OFDM<br>QPSK      | 1       | 1         | 22.93       | 23.12          | 22.39        |
| 100             |                         | 1       | 136       | 22.55       | 22.57          | 23.10        |
| 100             |                         | 1       | 272       | 22.62       | 22.93          | 22.29        |
| 100             |                         | 135     | 1         | 22.30       | 22.58          | 22.48        |
| 100             |                         | 135     | 67        | 22.13       | 22.14          | 22.32        |
| 100             |                         | 135     | 136       | 22.36       | 21.11          | 22.35        |
| 100             | 270                     | 0       | 22.32     | 21.98       | 22.51          |              |
| 100             | DFT-s-OFDM<br>16QAM     | 1       | 1         | 21.91       | 21.45          | 21.94        |
| 100             | DFT-s-OFDM<br>64QAM     | 1       | 1         | 20.42       | 19.93          | 20.09        |
| 100             | DFT-s-OFDM<br>256QAM    | 1       | 1         | 19.21       | 18.06          | 18.08        |
| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
| Channel         |                         |         |           | 650000      | 656000         | 662000       |
| Frequency (MHz) |                         |         |           | 3750        | 3840           | 3930         |
| 100             | CP-OFDM<br>QPSK         | 1       | 1         | 22.35       | 21.25          | 21.36        |
| 100             | CP-OFDM<br>16QAM        | 1       | 1         | 21.97       | 21.88          | 20.98        |
| 100             | CP-OFDM<br>64QAM        | 1       | 1         | 20.17       | 19.56          | 19.14        |
| 100             | CP-OFDM<br>256QAM       | 1       | 1         | 20.02       | 16.93          | 16.28        |



**Effective Radiated Power and Effective Isotropic Radiated Power:**

| EN_DC_13A_66A_N2 |                         |         |           | Measured EIRP |                  |                 |               |                 |                |
|------------------|-------------------------|---------|-----------|---------------|------------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]         | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddleCh ./Freq. | HighCh. / Freq. | LowCh. / EIRP | MiddleC h./EIRP | HighCh. / EIRP |
| Channel          |                         |         |           | 372000        | 376000           | 380000          | 372000        | 376000          | 380000         |
| Frequency (MHz)  |                         |         |           | 1860          | 1880             | 1900            | 1860          | 1880            | 1900           |
|                  |                         |         |           | dBm           |                  |                 | W             |                 |                |
| 20               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 21.68         | 21.60            | 21.72           | 0.147         | 0.145           | 0.149          |
| 20               |                         | 1       | 53        | 21.83         | 21.71            | 21.60           | 0.152         | 0.148           | 0.145          |
| 20               |                         | 1       | 104       | 21.63         | 21.69            | 21.35           | 0.146         | 0.148           | 0.136          |
| 20               |                         | 50      | 1         | 21.54         | 21.58            | 21.42           | 0.143         | 0.144           | 0.139          |
| 20               |                         | 50      | 25        | 21.57         | 21.31            | 21.22           | 0.144         | 0.135           | 0.132          |
| 20               |                         | 50      | 50        | 21.52         | 21.45            | 21.46           | 0.142         | 0.140           | 0.140          |
| 20               |                         | 100     | 0         | 21.60         | 21.64            | 21.31           | 0.145         | 0.146           | 0.135          |
| 20               | DFT-s-OFDM<br>QPSK      | 1       | 1         | 21.78         | 21.99            | 21.83           | 0.151         | 0.158           | 0.152          |
| 20               |                         | 1       | 53        | 21.91         | 21.89            | 21.53           | 0.155         | 0.155           | 0.142          |
| 20               |                         | 1       | 104       | 21.68         | 21.95            | 21.60           | 0.147         | 0.157           | 0.145          |
| 20               |                         | 50      | 1         | 21.68         | 21.69            | 21.45           | 0.147         | 0.148           | 0.140          |
| 20               |                         | 50      | 25        | 21.65         | 21.58            | 21.29           | 0.146         | 0.144           | 0.135          |
| 20               |                         | 50      | 50        | 21.61         | 21.64            | 21.28           | 0.145         | 0.146           | 0.134          |
| 20               |                         | 100     | 0         | 21.66         | 21.68            | 21.45           | 0.147         | 0.147           | 0.140          |
| 20               | DFT-s-OFDM<br>16QAM     | 1       | 1         | 21.72         | 21.83            | 21.62           | 0.149         | 0.152           | 0.145          |
| 20               | DFT-s-OFDM<br>64QAM     | 1       | 1         | 20.30         | 20.17            | 20.45           | 0.107         | 0.104           | 0.111          |
| 20               | DFT-s-OFDM<br>256QAM    | 1       | 1         | 18.12         | 17.96            | 18.20           | 0.065         | 0.063           | 0.066          |
| Channel          |                         |         |           | 371500        | 376000           | 380500          | 371500        | 376000          | 380500         |
| Frequency (MHz)  |                         |         |           | 1857.5        | 1880             | 1902.5          | 1857.5        | 1880            | 1902.5         |
| 15               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 21.72         | 21.20            | 21.12           | 0.149         | 0.132           | 0.129          |
| Channel          |                         |         |           | 371000        | 376000           | 381000          | 371000        | 376000          | 381000         |
| Frequency (MHz)  |                         |         |           | 1855          | 1880             | 1905            | 1855          | 1880            | 1905           |
| 10               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 21.12         | 21.06            | 21.23           | 0.129         | 0.128           | 0.133          |
| Channel          |                         |         |           | 370500        | 376000           | 381500          | 370500        | 376000          | 381500         |
| Frequency (MHz)  |                         |         |           | 1852.5        | 1880             | 1907.5          | 1852.5        | 1880            | 1907.5         |
| 5                | DFT-s-OFDM              | 1       | 1         | 21.01         | 21.21            | 21.09           | 0.126         | 0.132           | 0.129          |



|                 |                   |   |   |        |        |        |        |        |        |
|-----------------|-------------------|---|---|--------|--------|--------|--------|--------|--------|
|                 | PI/2 BPSK         |   |   |        |        |        |        |        |        |
| Channel         |                   |   |   | 372000 | 376000 | 380000 | 372000 | 376000 | 380000 |
| Frequency (MHz) |                   |   |   | 1860   | 1880   | 1900   | 1860   | 1880   | 1900   |
| 20              | CP-OFDM<br>QPSK   | 1 | 1 | 21.10  | 21.18  | 21.47  | 0.129  | 0.131  | 0.140  |
| 20              | CP-OFDM<br>16QAM  | 1 | 1 | 20.10  | 20.93  | 20.75  | 0.102  | 0.124  | 0.119  |
| 20              | CP-OFDM<br>64QAM  | 1 | 1 | 18.61  | 19.07  | 19.19  | 0.073  | 0.081  | 0.083  |
| 20              | CP-OFDM<br>256QAM | 1 | 1 | 17.54  | 17.30  | 17.46  | 0.057  | 0.054  | 0.056  |



| EN_DC_12A_66A_66A_N2 |                         |         |           | Measured EIRP |                 |                 |               |                 |                |
|----------------------|-------------------------|---------|-----------|---------------|-----------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]             | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddlCh. /Freq. | HighCh. / Freq. | LowCh. / EIRP | MiddleC h./EIRP | HighCh. / EIRP |
| Channel              |                         |         |           | 372000        | 376000          | 380000          | 372000        | 376000          | 380000         |
| Frequency (MHz)      |                         |         |           | 1860          | 1880            | 1900            | 1860          | 1880            | 1900           |
|                      |                         |         |           | dBm           |                 |                 | W             |                 |                |
| 20                   | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.98         | 17.64           | 17.61           | 0.063         | 0.058           | 0.058          |
| 20                   |                         | 1       | 53        | 17.69         | 17.63           | 17.53           | 0.059         | 0.058           | 0.057          |
| 20                   |                         | 1       | 104       | 17.97         | 17.74           | 17.88           | 0.063         | 0.059           | 0.061          |
| 20                   |                         | 50      | 1         | 17.43         | 17.43           | 17.47           | 0.055         | 0.055           | 0.056          |
| 20                   |                         | 50      | 25        | 17.45         | 17.17           | 17.57           | 0.056         | 0.052           | 0.057          |
| 20                   |                         | 50      | 50        | 17.32         | 17.36           | 17.35           | 0.054         | 0.054           | 0.054          |
| 20                   |                         | 100     | 0         | 17.40         | 17.32           | 17.25           | 0.055         | 0.054           | 0.053          |
| 20                   | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.80         | 18.04           | 17.63           | 0.060         | 0.064           | 0.058          |
| 20                   |                         | 1       | 53        | 17.49         | 17.50           | 17.50           | 0.056         | 0.056           | 0.056          |
| 20                   |                         | 1       | 104       | 17.72         | 17.70           | 17.52           | 0.059         | 0.059           | 0.056          |
| 20                   |                         | 50      | 1         | 17.56         | 17.61           | 17.56           | 0.057         | 0.058           | 0.057          |
| 20                   |                         | 50      | 25        | 17.49         | 17.38           | 17.34           | 0.056         | 0.055           | 0.054          |
| 20                   |                         | 50      | 50        | 17.48         | 17.50           | 17.44           | 0.056         | 0.056           | 0.055          |
| 20                   |                         | 100     | 0         | 17.56         | 17.50           | 17.42           | 0.057         | 0.056           | 0.055          |
| 20                   | DFT-s-OFDM<br>16QAM     | 1       | 1         | 17.88         | 17.84           | 17.69           | 0.061         | 0.061           | 0.059          |
| 20                   | DFT-s-OFDM<br>64QAM     | 1       | 1         | 17.71         | 17.50           | 17.70           | 0.059         | 0.056           | 0.059          |
| 20                   | DFT-s-OFDM<br>256QAM    | 1       | 1         | 17.65         | 17.51           | 17.45           | 0.058         | 0.056           | 0.056          |
| Channel              |                         |         |           | 3715000       | 376000          | 380500          | 3715000       | 376000          | 380500         |
| Frequency (MHz)      |                         |         |           | 1857.5        | 1880            | 1902.5          | 1857.5        | 1880            | 1902.5         |
| 15                   | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.72         | 17.74           | 17.47           | 0.059         | 0.059           | 0.056          |
| Channel              |                         |         |           | 371000        | 376000          | 381000          | 371000        | 376000          | 381000         |
| Frequency (MHz)      |                         |         |           | 1855          | 1880            | 1905            | 1855          | 1880            | 1905           |
| 10                   | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.75         | 17.42           | 17.36           | 0.060         | 0.055           | 0.054          |
| Channel              |                         |         |           | 370500        | 376000          | 381500          | 370500        | 376000          | 381500         |
| Frequency (MHz)      |                         |         |           | 1852.5        | 1880            | 1907.5          | 1852.5        | 1880            | 1907.5         |
| 5                    | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.71         | 17.26           | 17.01           | 0.059         | 0.053           | 0.050          |



| Channel         |                   |   |   | 372000 | 376000 | 380000 | 372000 | 376000 | 380000 |
|-----------------|-------------------|---|---|--------|--------|--------|--------|--------|--------|
| Frequency (MHz) |                   |   |   | 1860   | 1880   | 1900   | 1860   | 1880   | 1900   |
| 20              | CP-OFDM<br>QPSK   | 1 | 1 | 17.58  | 17.59  | 17.32  | 0.057  | 0.057  | 0.054  |
| 20              | CP-OFDM<br>16QAM  | 1 | 1 | 17.90  | 17.54  | 17.82  | 0.062  | 0.057  | 0.061  |
| 20              | CP-OFDM<br>64QAM  | 1 | 1 | 17.59  | 18.02  | 17.34  | 0.057  | 0.063  | 0.054  |
| 20              | CP-OFDM<br>256QAM | 1 | 1 | 17.65  | 17.45  | 17.23  | 0.058  | 0.056  | 0.053  |



| EN_DC_12A_N2    |                         |         |           | Measured EIRP |                 |                 |               |                 |                |
|-----------------|-------------------------|---------|-----------|---------------|-----------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]        | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddlCh. /Freq. | HighCh. / Freq. | LowCh. / EIRP | MiddleC h./EIRP | HighCh. / EIRP |
| Channel         |                         |         |           | 372000        | 376000          | 380000          | 372000        | 376000          | 380000         |
| Frequency (MHz) |                         |         |           | 1860          | 1880            | 1900            | 1860          | 1880            | 1900           |
|                 |                         |         |           | dBm           |                 |                 | W             |                 |                |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.67         | 17.19           | 17.34           | 0.058         | 0.052           | 0.054          |
| 20              |                         | 1       | 53        | 17.57         | 17.25           | 17.22           | 0.057         | 0.053           | 0.053          |
| 20              |                         | 1       | 104       | 17.53         | 17.26           | 16.79           | 0.057         | 0.053           | 0.048          |
| 20              |                         | 50      | 1         | 17.76         | 17.30           | 17.37           | 0.060         | 0.054           | 0.055          |
| 20              |                         | 50      | 25        | 17.65         | 17.31           | 17.49           | 0.058         | 0.054           | 0.056          |
| 20              |                         | 50      | 50        | 17.53         | 17.29           | 17.10           | 0.057         | 0.054           | 0.051          |
| 20              |                         | 100     | 0         | 17.62         | 17.40           | 17.16           | 0.058         | 0.055           | 0.052          |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.79         | 17.82           | 17.80           | 0.060         | 0.061           | 0.060          |
| 20              |                         | 1       | 53        | 17.58         | 17.25           | 17.69           | 0.057         | 0.053           | 0.059          |
| 20              |                         | 1       | 104       | 17.28         | 17.21           | 17.52           | 0.053         | 0.053           | 0.056          |
| 20              |                         | 50      | 1         | 17.60         | 17.63           | 17.30           | 0.058         | 0.058           | 0.054          |
| 20              |                         | 50      | 25        | 17.58         | 17.18           | 17.25           | 0.057         | 0.052           | 0.053          |
| 20              |                         | 50      | 50        | 17.46         | 17.38           | 17.04           | 0.056         | 0.055           | 0.051          |
| 20              |                         | 100     | 0         | 17.55         | 17.33           | 17.31           | 0.057         | 0.054           | 0.054          |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 17.80         | 17.51           | 17.49           | 0.060         | 0.056           | 0.056          |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 17.46         | 17.28           | 17.07           | 0.056         | 0.053           | 0.051          |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 17.21         | 17.00           | 17.06           | 0.053         | 0.050           | 0.051          |
| Channel         |                         |         |           | 3715000       | 376000          | 380500          | 3715000       | 376000          | 380500         |
| Frequency (MHz) |                         |         |           | 1857.5        | 1880            | 1902.5          | 1857.5        | 1880            | 1902.5         |
| 15              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.68         | 17.31           | 17.13           | 0.059         | 0.054           | 0.052          |
| Channel         |                         |         |           | 371000        | 376000          | 381000          | 371000        | 376000          | 381000         |
| Frequency (MHz) |                         |         |           | 1855          | 1880            | 1905            | 1855          | 1880            | 1905           |
| 10              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.62         | 17.26           | 17.39           | 0.058         | 0.053           | 0.055          |
| Channel         |                         |         |           | 370500        | 376000          | 381500          | 370500        | 376000          | 381500         |
| Frequency (MHz) |                         |         |           | 1852.5        | 1880            | 1907.5          | 1852.5        | 1880            | 1907.5         |
| 5               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.58         | 17.29           | 16.96           | 0.057         | 0.054           | 0.050          |



| Channel         |                   |   |   | 372000 | 376000 | 380000 | 372000 | 376000 | 380000 |
|-----------------|-------------------|---|---|--------|--------|--------|--------|--------|--------|
| Frequency (MHz) |                   |   |   | 1860   | 1880   | 1900   | 1860   | 1880   | 1900   |
| 20              | CP-OFDM<br>QPSK   | 1 | 1 | 17.49  | 17.21  | 17.23  | 0.056  | 0.053  | 0.053  |
| 20              | CP-OFDM<br>16QAM  | 1 | 1 | 17.18  | 17.36  | 17.61  | 0.052  | 0.054  | 0.058  |
| 20              | CP-OFDM<br>64QAM  | 1 | 1 | 17.24  | 17.24  | 17.05  | 0.053  | 0.053  | 0.051  |
| 20              | CP-OFDM<br>256QAM | 1 | 1 | 17.50  | 17.30  | 17.17  | 0.056  | 0.054  | 0.052  |



| EN_DC_2A_12A_N2 |                         |         |           | Measured EIRP |                  |                 |               |                 |                |
|-----------------|-------------------------|---------|-----------|---------------|------------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]        | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddleCh. /Freq. | HighCh. / Freq. | LowCh. / EIRP | MiddleC h./EIRP | HighCh. / EIRP |
| Channel         |                         |         |           | 372000        | 376000           | 380000          | 372000        | 376000          | 380000         |
| Frequency (MHz) |                         |         |           | 1860          | 1880             | 1900            | 1860          | 1880            | 1900           |
|                 |                         |         |           | dBm           |                  |                 | W             |                 |                |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.83         | 17.65            | 17.56           | 0.061         | 0.058           | 0.057          |
| 20              |                         | 1       | 53        | 17.82         | 17.52            | 17.43           | 0.061         | 0.056           | 0.055          |
| 20              |                         | 1       | 104       | 17.66         | 17.77            | 17.71           | 0.058         | 0.060           | 0.059          |
| 20              |                         | 50      | 1         | 17.64         | 17.51            | 17.66           | 0.058         | 0.056           | 0.058          |
| 20              |                         | 50      | 25        | 17.66         | 17.48            | 17.79           | 0.058         | 0.056           | 0.060          |
| 20              |                         | 50      | 50        | 17.81         | 17.63            | 17.60           | 0.060         | 0.058           | 0.058          |
| 20              |                         | 100     | 0         | 17.57         | 17.60            | 17.42           | 0.057         | 0.058           | 0.055          |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.75         | 17.86            | 17.77           | 0.060         | 0.061           | 0.060          |
| 20              |                         | 1       | 53        | 17.34         | 17.31            | 17.26           | 0.054         | 0.054           | 0.053          |
| 20              |                         | 1       | 104       | 17.22         | 17.39            | 17.56           | 0.053         | 0.055           | 0.057          |
| 20              |                         | 50      | 1         | 17.26         | 17.49            | 17.45           | 0.053         | 0.056           | 0.056          |
| 20              |                         | 50      | 25        | 17.33         | 17.39            | 17.31           | 0.054         | 0.055           | 0.054          |
| 20              |                         | 50      | 50        | 17.44         | 17.44            | 17.21           | 0.055         | 0.055           | 0.053          |
| 20              |                         | 100     | 0         | 17.47         | 17.41            | 17.19           | 0.056         | 0.055           | 0.052          |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 17.76         | 17.41            | 17.48           | 0.060         | 0.055           | 0.056          |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 17.43         | 17.24            | 17.36           | 0.055         | 0.053           | 0.054          |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 17.17         | 17.23            | 17.31           | 0.052         | 0.053           | 0.054          |
| Channel         |                         |         |           | 3715000       | 376000           | 380500          | 3715000       | 376000          | 380500         |
| Frequency (MHz) |                         |         |           | 1857.5        | 1880             | 1902.5          | 1857.5        | 1880            | 1902.5         |
| 15              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.74         | 17.61            | 17.46           | 0.059         | 0.058           | 0.056          |
| Channel         |                         |         |           | 371000        | 376000           | 381000          | 371000        | 376000          | 381000         |
| Frequency (MHz) |                         |         |           | 1855          | 1880             | 1905            | 1855          | 1880            | 1905           |
| 10              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.64         | 17.33            | 17.43           | 0.058         | 0.054           | 0.055          |
| Channel         |                         |         |           | 370500        | 376000           | 381500          | 370500        | 376000          | 381500         |
| Frequency (MHz) |                         |         |           | 1852.5        | 1880             | 1907.5          | 1852.5        | 1880            | 1907.5         |
| 5               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.51         | 17.36            | 16.91           | 0.056         | 0.054           | 0.049          |





| Channel         |                   |   |   | 372000 | 376000 | 380000 | 372000 | 376000 | 380000 |
|-----------------|-------------------|---|---|--------|--------|--------|--------|--------|--------|
| Frequency (MHz) |                   |   |   | 1860   | 1880   | 1900   | 1860   | 1880   | 1900   |
| 20              | CP-OFDM<br>QPSK   | 1 | 1 | 17.43  | 17.12  | 17.45  | 0.055  | 0.052  | 0.056  |
| 20              | CP-OFDM<br>16QAM  | 1 | 1 | 17.78  | 17.63  | 17.73  | 0.060  | 0.058  | 0.059  |
| 20              | CP-OFDM<br>64QAM  | 1 | 1 | 17.55  | 17.13  | 17.37  | 0.057  | 0.052  | 0.055  |
| 20              | CP-OFDM<br>256QAM | 1 | 1 | 17.53  | 17.27  | 17.39  | 0.057  | 0.053  | 0.055  |



| EN_DC_12A_66A_N2 |                         |         |           | Measured EIRP |                 |                 |               |                 |                |
|------------------|-------------------------|---------|-----------|---------------|-----------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]         | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddlCh. /Freq. | HighCh. / Freq. | LowCh. / EIRP | MiddleC h./EIRP | HighCh. / EIRP |
| Channel          |                         |         |           | 372000        | 376000          | 380000          | 372000        | 376000          | 380000         |
| Frequency (MHz)  |                         |         |           | 1860          | 1880            | 1900            | 1860          | 1880            | 1900           |
|                  |                         |         |           | dBm           |                 |                 | W             |                 |                |
| 20               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 18.09         | 18.06           | 17.58           | 0.064         | 0.064           | 0.057          |
| 20               |                         | 1       | 53        | 17.95         | 17.77           | 17.47           | 0.062         | 0.060           | 0.056          |
| 20               |                         | 1       | 104       | 17.95         | 17.79           | 17.75           | 0.062         | 0.060           | 0.060          |
| 20               |                         | 50      | 1         | 18.07         | 17.87           | 17.82           | 0.064         | 0.061           | 0.061          |
| 20               |                         | 50      | 25        | 17.97         | 17.75           | 17.68           | 0.063         | 0.060           | 0.059          |
| 20               |                         | 50      | 50        | 18.01         | 17.88           | 17.10           | 0.063         | 0.061           | 0.051          |
| 20               |                         | 100     | 0         | 18.05         | 17.90           | 17.53           | 0.064         | 0.062           | 0.057          |
| 20               | DFT-s-OFDM<br>QPSK      | 1       | 1         | 18.21         | 18.35           | 18.26           | 0.066         | 0.068           | 0.067          |
| 20               |                         | 1       | 53        | 17.90         | 18.32           | 17.76           | 0.062         | 0.068           | 0.060          |
| 20               |                         | 1       | 104       | 17.84         | 18.01           | 17.34           | 0.061         | 0.063           | 0.054          |
| 20               |                         | 50      | 1         | 17.66         | 17.69           | 17.59           | 0.058         | 0.059           | 0.057          |
| 20               |                         | 50      | 25        | 17.52         | 17.66           | 17.61           | 0.056         | 0.058           | 0.058          |
| 20               |                         | 50      | 50        | 17.67         | 17.52           | 17.63           | 0.058         | 0.056           | 0.058          |
| 20               |                         | 100     | 0         | 17.66         | 17.63           | 17.22           | 0.058         | 0.058           | 0.053          |
| 20               | DFT-s-OFDM<br>16QAM     | 1       | 1         | 18.21         | 18.00           | 18.01           | 0.066         | 0.063           | 0.063          |
| 20               | DFT-s-OFDM<br>64QAM     | 1       | 1         | 18.06         | 17.59           | 17.71           | 0.064         | 0.057           | 0.059          |
| 20               | DFT-s-OFDM<br>256QAM    | 1       | 1         | 17.09         | 17.62           | 17.57           | 0.051         | 0.058           | 0.057          |
| Channel          |                         |         |           | 3715000       | 376000          | 380500          | 3715000       | 376000          | 380500         |
| Frequency (MHz)  |                         |         |           | 1857.5        | 1880            | 1902.5          | 1857.5        | 1880            | 1902.5         |
| 15               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 18.07         | 17.91           | 17.94           | 0.064         | 0.062           | 0.062          |
| Channel          |                         |         |           | 371000        | 376000          | 381000          | 371000        | 376000          | 381000         |
| Frequency (MHz)  |                         |         |           | 1855          | 1880            | 1905            | 1855          | 1880            | 1905           |
| 10               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 18.14         | 17.76           | 17.82           | 0.065         | 0.060           | 0.061          |
| Channel          |                         |         |           | 370500        | 376000          | 381500          | 370500        | 376000          | 381500         |
| Frequency (MHz)  |                         |         |           | 1852.5        | 1880            | 1907.5          | 1852.5        | 1880            | 1907.5         |
| 5                | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.64         | 17.95           | 17.25           | 0.058         | 0.062           | 0.053          |



| Channel         |                   |   |   | 372000 | 376000 | 380000 | 372000 | 376000 | 380000 |
|-----------------|-------------------|---|---|--------|--------|--------|--------|--------|--------|
| Frequency (MHz) |                   |   |   | 1860   | 1880   | 1900   | 1860   | 1880   | 1900   |
| 20              | CP-OFDM<br>QPSK   | 1 | 1 | 17.69  | 17.61  | 17.69  | 0.059  | 0.058  | 0.059  |
| 20              | CP-OFDM<br>16QAM  | 1 | 1 | 17.62  | 17.69  | 17.74  | 0.058  | 0.059  | 0.059  |
| 20              | CP-OFDM<br>64QAM  | 1 | 1 | 17.71  | 17.22  | 17.26  | 0.059  | 0.053  | 0.053  |
| 20              | CP-OFDM<br>256QAM | 1 | 1 | 17.71  | 17.58  | 17.23  | 0.059  | 0.057  | 0.053  |



| EN_DC_46A_66A_N5 |                         |         |           | Measured EIRP |                 |                 |               |                 |                |
|------------------|-------------------------|---------|-----------|---------------|-----------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]         | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddlCh. /Freq. | HighCh. / Freq. | LowCh. / EIRP | MiddleC h./EIRP | HighCh. / EIRP |
| Channel          |                         |         |           | 166800        | 167300          | 167800          | 166800        | 167300          | 167800         |
| Frequency (MHz)  |                         |         |           | 834           | 836.5           | 839             | 834           | 836.5           | 839            |
|                  |                         |         |           | dBm           |                 |                 | W             |                 |                |
| 20               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.49         | 22.34           | 22.17           | 0.177         | 0.171           | 0.165          |
| 20               |                         | 1       | 53        | 22.05         | 22.20           | 22.11           | 0.160         | 0.166           | 0.163          |
| 20               |                         | 1       | 104       | 22.04         | 22.11           | 22.00           | 0.160         | 0.163           | 0.158          |
| 20               |                         | 50      | 1         | 22.27         | 22.26           | 22.17           | 0.169         | 0.168           | 0.165          |
| 20               |                         | 50      | 25        | 22.14         | 22.10           | 22.11           | 0.164         | 0.162           | 0.163          |
| 20               |                         | 50      | 50        | 22.19         | 22.08           | 22.24           | 0.166         | 0.161           | 0.167          |
| 20               |                         | 100     | 0         | 22.25         | 22.24           | 22.13           | 0.168         | 0.167           | 0.163          |
| 20               | DFT-s-OFDM<br>QPSK      | 1       | 1         | 22.46         | 22.50           | 22.49           | 0.176         | 0.178           | 0.177          |
| 20               |                         | 1       | 53        | 22.42         | 22.43           | 22.34           | 0.175         | 0.175           | 0.171          |
| 20               |                         | 1       | 104       | 22.19         | 22.28           | 22.22           | 0.166         | 0.169           | 0.167          |
| 20               |                         | 50      | 1         | 22.34         | 22.35           | 22.20           | 0.171         | 0.172           | 0.166          |
| 20               |                         | 50      | 25        | 22.16         | 22.16           | 22.09           | 0.164         | 0.164           | 0.162          |
| 20               |                         | 50      | 50        | 22.15         | 22.15           | 22.19           | 0.164         | 0.164           | 0.166          |
| 20               |                         | 100     | 0         | 22.22         | 22.17           | 22.12           | 0.167         | 0.165           | 0.163          |
| 20               | DFT-s-OFDM<br>16QAM     | 1       | 1         | 22.03         | 22.21           | 22.02           | 0.160         | 0.166           | 0.159          |
| 20               | DFT-s-OFDM<br>64QAM     | 1       | 1         | 20.78         | 20.64           | 20.59           | 0.120         | 0.116           | 0.115          |
| 20               | DFT-s-OFDM<br>256QAM    | 1       | 1         | 18.84         | 18.71           | 18.56           | 0.077         | 0.074           | 0.072          |
| Channel          |                         |         |           | 166300        | 167300          | 168300          | 166300        | 167300          | 168300         |
| Frequency (MHz)  |                         |         |           | 831.5         | 836.5           | 841.5           | 831.5         | 836.5           | 841.5          |
| 15               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.48         | 22.48           | 22.42           | 0.177         | 0.177           | 0.175          |
| Channel          |                         |         |           | 165800        | 167300          | 168800          | 165800        | 167300          | 168800         |
| Frequency (MHz)  |                         |         |           | 829           | 836.5           | 844             | 829           | 836.5           | 844            |
| 10               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.09         | 22.12           | 22.21           | 0.162         | 0.163           | 0.166          |
| Channel          |                         |         |           | 165300        | 167300          | 169300          | 165300        | 167300          | 169300         |
| Frequency (MHz)  |                         |         |           | 826.5         | 836.5           | 846.5           | 826.5         | 836.5           | 846.5          |
| 5                | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.16         | 22.27           | 21.94           | 0.164         | 0.169           | 0.156          |



| Channel         |                   |   |   | 166800 | 167300 | 167800 | 166800 | 167300 | 167800 |
|-----------------|-------------------|---|---|--------|--------|--------|--------|--------|--------|
| Frequency (MHz) |                   |   |   | 834    | 836.5  | 839    | 834    | 836.5  | 839    |
| 20              | CP-OFDM<br>QPSK   | 1 | 1 | 21.74  | 21.85  | 21.71  | 0.149  | 0.153  | 0.148  |
| 20              | CP-OFDM<br>16QAM  | 1 | 1 | 21.79  | 21.64  | 21.50  | 0.151  | 0.146  | 0.141  |
| 20              | CP-OFDM<br>64QAM  | 1 | 1 | 19.55  | 19.75  | 19.48  | 0.090  | 0.094  | 0.089  |
| 20              | CP-OFDM<br>256QAM | 1 | 1 | 19.62  | 19.73  | 19.65  | 0.092  | 0.094  | 0.092  |



| EN_DC_2A_46D_N5 |                         |         |           | Measured EIRP |                 |                 |               |                 |                |
|-----------------|-------------------------|---------|-----------|---------------|-----------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]        | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddlCh. /Freq. | HighCh. / Freq. | LowCh. / EIRP | MiddleC h./EIRP | HighCh. / EIRP |
| Channel         |                         |         |           | 166800        | 167300          | 167800          | 166800        | 167300          | 167800         |
| Frequency (MHz) |                         |         |           | 834           | 836.5           | 839             | 834           | 836.5           | 839            |
|                 |                         |         |           | dBm           |                 |                 | W             |                 |                |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 18.09         | 18.10           | 18.12           | 0.064         | 0.065           | 0.065          |
| 20              |                         | 1       | 53        | 18.00         | 18.08           | 18.21           | 0.063         | 0.064           | 0.066          |
| 20              |                         | 1       | 104       | 18.14         | 17.89           | 17.86           | 0.065         | 0.062           | 0.061          |
| 20              |                         | 50      | 1         | 18.04         | 18.16           | 18.30           | 0.064         | 0.065           | 0.068          |
| 20              |                         | 50      | 25        | 18.22         | 18.23           | 18.33           | 0.066         | 0.067           | 0.068          |
| 20              |                         | 50      | 50        | 18.21         | 18.23           | 18.09           | 0.066         | 0.067           | 0.064          |
| 20              |                         | 100     | 0         | 18.18         | 18.24           | 18.20           | 0.066         | 0.067           | 0.066          |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 18.77         | 18.86           | 18.65           | 0.075         | 0.077           | 0.073          |
| 20              |                         | 1       | 53        | 18.72         | 18.11           | 18.22           | 0.074         | 0.065           | 0.066          |
| 20              |                         | 1       | 104       | 18.62         | 18.61           | 18.61           | 0.073         | 0.073           | 0.073          |
| 20              |                         | 50      | 1         | 18.03         | 18.22           | 18.12           | 0.064         | 0.066           | 0.065          |
| 20              |                         | 50      | 25        | 18.13         | 18.13           | 18.29           | 0.065         | 0.065           | 0.067          |
| 20              |                         | 50      | 50        | 18.13         | 18.19           | 18.27           | 0.065         | 0.066           | 0.067          |
| 20              |                         | 100     | 0         | 18.26         | 18.19           | 18.08           | 0.067         | 0.066           | 0.064          |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 18.28         | 18.24           | 18.18           | 0.067         | 0.067           | 0.066          |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 17.93         | 17.97           | 17.99           | 0.062         | 0.063           | 0.063          |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 17.95         | 17.92           | 17.93           | 0.062         | 0.062           | 0.062          |
| Channel         |                         |         |           | 166300        | 167300          | 168300          | 166300        | 167300          | 168300         |
| Frequency (MHz) |                         |         |           | 831.5         | 836.5           | 841.5           | 831.5         | 836.5           | 841.5          |
| 15              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 18.13         | 18.08           | 18.14           | 0.065         | 0.064           | 0.065          |
| Channel         |                         |         |           | 165800        | 167300          | 168800          | 165800        | 167300          | 168800         |
| Frequency (MHz) |                         |         |           | 829           | 836.5           | 844             | 829           | 836.5           | 844            |
| 10              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 18.15         | 18.10           | 18.19           | 0.065         | 0.065           | 0.066          |
| Channel         |                         |         |           | 165300        | 167300          | 169300          | 165300        | 167300          | 169300         |
| Frequency (MHz) |                         |         |           | 826.5         | 836.5           | 846.5           | 826.5         | 836.5           | 846.5          |
| 5               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 18.16         | 18.24           | 18.13           | 0.065         | 0.067           | 0.065          |



| Channel         |                   |   |   | 166800 | 167300 | 167800 | 166800 | 167300 | 167800 |
|-----------------|-------------------|---|---|--------|--------|--------|--------|--------|--------|
| Frequency (MHz) |                   |   |   | 834    | 836.5  | 839    | 834    | 836.5  | 839    |
| 20              | CP-OFDM<br>QPSK   | 1 | 1 | 18.08  | 18.00  | 18.01  | 0.064  | 0.063  | 0.063  |
| 20              | CP-OFDM<br>16QAM  | 1 | 1 | 18.31  | 18.38  | 18.42  | 0.068  | 0.069  | 0.070  |
| 20              | CP-OFDM<br>64QAM  | 1 | 1 | 17.85  | 17.86  | 17.90  | 0.061  | 0.061  | 0.062  |
| 20              | CP-OFDM<br>256QAM | 1 | 1 | 17.01  | 17.02  | 17.04  | 0.050  | 0.050  | 0.051  |



| EN_DC_13A_46A_N66 |                         |         |           | Measured EIRP |                 |                 |               |                 |                |
|-------------------|-------------------------|---------|-----------|---------------|-----------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]          | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddlCh. /Freq. | HighCh. / Freq. | LowCh. / EIRP | MiddleC h./EIRP | HighCh. / EIRP |
| Channel           |                         |         |           | 344000        | 349000          | 354000          | 344000        | 349000          | 354000         |
| Frequency (MHz)   |                         |         |           | 1720          | 1745            | 1770            | 1720          | 1745            | 1770           |
|                   |                         |         |           | dBm           |                 |                 | W             |                 |                |
| 20                | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.06         | 22.18           | 22.06           | 0.161         | 0.165           | 0.161          |
| 20                |                         | 1       | 53        | 22.56         | 22.22           | 22.10           | 0.180         | 0.167           | 0.162          |
| 20                |                         | 1       | 104       | 22.36         | 22.06           | 22.16           | 0.172         | 0.161           | 0.164          |
| 20                |                         | 50      | 1         | 22.43         | 22.31           | 22.27           | 0.175         | 0.170           | 0.169          |
| 20                |                         | 50      | 25        | 22.56         | 22.24           | 22.16           | 0.180         | 0.167           | 0.164          |
| 20                |                         | 50      | 50        | 22.54         | 22.17           | 22.10           | 0.179         | 0.165           | 0.162          |
| 20                |                         | 100     | 0         | 22.52         | 22.29           | 22.18           | 0.179         | 0.169           | 0.165          |
| 20                | DFT-s-OFDM<br>QPSK      | 1       | 1         | 22.90         | 22.91           | 22.89           | 0.195         | 0.195           | 0.195          |
| 20                |                         | 1       | 53        | 22.81         | 22.33           | 22.68           | 0.191         | 0.171           | 0.185          |
| 20                |                         | 1       | 104       | 22.88         | 22.36           | 22.76           | 0.194         | 0.172           | 0.189          |
| 20                |                         | 50      | 1         | 22.66         | 22.68           | 22.65           | 0.185         | 0.185           | 0.184          |
| 20                |                         | 50      | 25        | 22.57         | 22.37           | 22.46           | 0.181         | 0.173           | 0.176          |
| 20                |                         | 50      | 50        | 22.64         | 22.32           | 22.40           | 0.184         | 0.171           | 0.174          |
| 20                |                         | 100     | 0         | 22.56         | 22.32           | 22.63           | 0.180         | 0.171           | 0.183          |
| 20                | DFT-s-OFDM<br>16QAM     | 1       | 1         | 22.24         | 22.29           | 22.34           | 0.167         | 0.169           | 0.171          |
| 20                | DFT-s-OFDM<br>64QAM     | 1       | 1         | 20.48         | 20.57           | 20.16           | 0.112         | 0.114           | 0.104          |
| 20                | DFT-s-OFDM<br>256QAM    | 1       | 1         | 18.51         | 18.59           | 18.12           | 0.071         | 0.072           | 0.065          |
| Channel           |                         |         |           | 343500        | 349000          | 354500          | 343500        | 349000          | 354500         |
| Frequency (MHz)   |                         |         |           | 1717.5        | 1745            | 1772.5          | 1717.5        | 1745            | 1772.5         |
| 15                | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.10         | 21.80           | 21.76           | 0.162         | 0.151           | 0.150          |
| Channel           |                         |         |           | 343000        | 349000          | 355000          | 343000        | 349000          | 355000         |
| Frequency (MHz)   |                         |         |           | 1715          | 1745            | 1775            | 1715          | 1745            | 1775           |
| 10                | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.18         | 22.05           | 21.34           | 0.165         | 0.160           | 0.136          |
| Channel           |                         |         |           | 342500        | 349000          | 355500          | 342500        | 349000          | 355500         |
| Frequency (MHz)   |                         |         |           | 1712.5        | 1745            | 1777.5          | 1712.5        | 1745            | 1777.5         |
| 5                 | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.11         | 21.89           | 21.30           | 0.163         | 0.155           | 0.135          |





| Channel         |                   |   |   | 344000 | 349000 | 354000 | 344000 | 349000 | 354000 |
|-----------------|-------------------|---|---|--------|--------|--------|--------|--------|--------|
| Frequency (MHz) |                   |   |   | 1720   | 1745   | 1770   | 1720   | 1745   | 1770   |
| 20              | CP-OFDM<br>QPSK   | 1 | 1 | 21.78  | 21.63  | 21.73  | 0.151  | 0.146  | 0.149  |
| 20              | CP-OFDM<br>16QAM  | 1 | 1 | 21.43  | 21.50  | 21.11  | 0.139  | 0.141  | 0.129  |
| 20              | CP-OFDM<br>64QAM  | 1 | 1 | 19.45  | 19.64  | 19.21  | 0.088  | 0.092  | 0.083  |
| 20              | CP-OFDM<br>256QAM | 1 | 1 | 19.45  | 19.64  | 19.21  | 0.088  | 0.092  | 0.083  |



| EN_DC_5A_46A_N66 |                         |         |           | Measured EIRP |                 |                 |               |                 |                |
|------------------|-------------------------|---------|-----------|---------------|-----------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]         | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddlCh. /Freq. | HighCh. / Freq. | LowCh. / EIRP | MiddleC h./EIRP | HighCh. / EIRP |
| Channel          |                         |         |           | 344000        | 349000          | 354000          | 344000        | 349000          | 354000         |
| Frequency (MHz)  |                         |         |           | 1720          | 1745            | 1770            | 1720          | 1745            | 1770           |
|                  |                         |         |           | dBm           |                 |                 | W             |                 |                |
| 20               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 21.67         | 21.41           | 21.92           | 0.147         | 0.138           | 0.156          |
| 20               |                         | 1       | 53        | 21.65         | 21.70           | 22.08           | 0.146         | 0.148           | 0.161          |
| 20               |                         | 1       | 104       | 21.54         | 21.52           | 21.25           | 0.143         | 0.142           | 0.133          |
| 20               |                         | 50      | 1         | 21.35         | 21.26           | 21.22           | 0.136         | 0.134           | 0.132          |
| 20               |                         | 50      | 25        | 21.49         | 21.43           | 21.51           | 0.141         | 0.139           | 0.142          |
| 20               |                         | 50      | 50        | 21.38         | 21.37           | 21.38           | 0.137         | 0.137           | 0.137          |
| 20               |                         | 100     | 0         | 21.23         | 21.16           | 21.89           | 0.133         | 0.131           | 0.155          |
| 20               | DFT-s-OFDM<br>QPSK      | 1       | 1         | 22.21         | 22.24           | 22.16           | 0.166         | 0.167           | 0.164          |
| 20               |                         | 1       | 53        | 21.79         | 21.95           | 21.63           | 0.151         | 0.157           | 0.146          |
| 20               |                         | 1       | 104       | 21.80         | 21.86           | 21.56           | 0.151         | 0.153           | 0.143          |
| 20               |                         | 50      | 1         | 21.34         | 21.64           | 21.56           | 0.136         | 0.146           | 0.143          |
| 20               |                         | 50      | 25        | 21.38         | 21.22           | 21.40           | 0.137         | 0.132           | 0.138          |
| 20               |                         | 50      | 50        | 21.35         | 21.56           | 21.46           | 0.136         | 0.143           | 0.140          |
| 20               |                         | 100     | 0         | 21.13         | 21.36           | 21.38           | 0.130         | 0.137           | 0.137          |
| 20               | DFT-s-OFDM<br>16QAM     | 1       | 1         | 21.46         | 21.32           | 21.12           | 0.140         | 0.136           | 0.129          |
| 20               | DFT-s-OFDM<br>64QAM     | 1       | 1         | 21.03         | 20.79           | 20.38           | 0.127         | 0.120           | 0.109          |
| 20               | DFT-s-OFDM<br>256QAM    | 1       | 1         | 19.10         | 18.67           | 18.35           | 0.081         | 0.074           | 0.068          |
| Channel          |                         |         |           | 343500        | 349000          | 354500          | 343500        | 349000          | 354500         |
| Frequency (MHz)  |                         |         |           | 1717.5        | 1745            | 1772.5          | 1717.5        | 1745            | 1772.5         |
| 15               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 21.75         | 21.56           | 22.23           | 0.150         | 0.143           | 0.167          |
| Channel          |                         |         |           | 343000        | 349000          | 355000          | 343000        | 349000          | 355000         |
| Frequency (MHz)  |                         |         |           | 1715          | 1745            | 1775            | 1715          | 1745            | 1775           |
| 10               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.07         | 21.99           | 21.71           | 0.161         | 0.158           | 0.148          |
| Channel          |                         |         |           | 342500        | 349000          | 355500          | 342500        | 349000          | 355500         |
| Frequency (MHz)  |                         |         |           | 1712.5        | 1745            | 1777.5          | 1712.5        | 1745            | 1777.5         |
| 5                | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 21.85         | 21.79           | 21.48           | 0.153         | 0.151           | 0.141          |



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| Channel         |                   |   |   | 344000 | 349000 | 354000 | 344000 | 349000 | 354000 |
|-----------------|-------------------|---|---|--------|--------|--------|--------|--------|--------|
| Frequency (MHz) |                   |   |   | 1720   | 1745   | 1770   | 1720   | 1745   | 1770   |
| 20              | CP-OFDM<br>QPSK   | 1 | 1 | 21.12  | 21.51  | 21.38  | 0.129  | 0.142  | 0.137  |
| 20              | CP-OFDM<br>16QAM  | 1 | 1 | 20.99  | 21.36  | 21.09  | 0.126  | 0.137  | 0.129  |
| 20              | CP-OFDM<br>64QAM  | 1 | 1 | 19.53  | 19.81  | 19.40  | 0.090  | 0.096  | 0.087  |
| 20              | CP-OFDM<br>256QAM | 1 | 1 | 19.53  | 19.81  | 19.40  | 0.090  | 0.096  | 0.087  |



| EN_DC_12A_N66   |                         |         |           | Measured EIRP |                 |                 |               |                 |                |
|-----------------|-------------------------|---------|-----------|---------------|-----------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]        | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddlCh. /Freq. | HighCh. / Freq. | LowCh. / EIRP | MiddleC h./EIRP | HighCh. / EIRP |
| Channel         |                         |         |           | 344000        | 349000          | 354000          | 344000        | 349000          | 354000         |
| Frequency (MHz) |                         |         |           | 1720          | 1745            | 1770            | 1720          | 1745            | 1770           |
|                 |                         |         |           | dBm           |                 |                 | W             |                 |                |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 20.38         | 20.34           | 20.25           | 0.109         | 0.108           | 0.106          |
| 20              |                         | 1       | 53        | 20.49         | 20.68           | 20.24           | 0.112         | 0.117           | 0.106          |
| 20              |                         | 1       | 104       | 20.22         | 20.25           | 20.22           | 0.105         | 0.106           | 0.105          |
| 20              |                         | 50      | 1         | 20.45         | 20.29           | 20.44           | 0.111         | 0.107           | 0.111          |
| 20              |                         | 50      | 25        | 20.47         | 20.26           | 20.40           | 0.111         | 0.106           | 0.110          |
| 20              |                         | 50      | 50        | 20.29         | 20.22           | 20.33           | 0.107         | 0.105           | 0.108          |
| 20              |                         | 100     | 0         | 20.44         | 20.28           | 20.32           | 0.111         | 0.107           | 0.108          |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 20.53         | 20.72           | 20.45           | 0.113         | 0.118           | 0.111          |
| 20              |                         | 1       | 53        | 20.56         | 20.41           | 20.26           | 0.114         | 0.110           | 0.106          |
| 20              |                         | 1       | 104       | 20.36         | 20.52           | 20.21           | 0.109         | 0.113           | 0.105          |
| 20              |                         | 50      | 1         | 20.45         | 20.47           | 20.31           | 0.111         | 0.111           | 0.107          |
| 20              |                         | 50      | 25        | 20.40         | 20.30           | 20.29           | 0.110         | 0.107           | 0.107          |
| 20              |                         | 50      | 50        | 20.28         | 20.19           | 20.37           | 0.107         | 0.104           | 0.109          |
| 20              |                         | 100     | 0         | 20.46         | 20.20           | 20.26           | 0.111         | 0.105           | 0.106          |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 20.57         | 20.40           | 20.60           | 0.114         | 0.110           | 0.115          |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 20.21         | 20.30           | 20.22           | 0.105         | 0.107           | 0.105          |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 20.32         | 20.02           | 20.17           | 0.108         | 0.100           | 0.104          |
| Channel         |                         |         |           | 343500        | 349000          | 354500          | 343500        | 349000          | 354500         |
| Frequency (MHz) |                         |         |           | 1717.5        | 1745            | 1772.5          | 1717.5        | 1745            | 1772.5         |
| 15              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.65         | 17.49           | 17.83           | 0.058         | 0.056           | 0.061          |
| Channel         |                         |         |           | 343000        | 349000          | 355000          | 343000        | 349000          | 355000         |
| Frequency (MHz) |                         |         |           | 1715          | 1745            | 1775            | 1715          | 1745            | 1775           |
| 10              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.72         | 17.59           | 18.13           | 0.059         | 0.057           | 0.065          |
| Channel         |                         |         |           | 342500        | 349000          | 355500          | 342500        | 349000          | 355500         |
| Frequency (MHz) |                         |         |           | 1712.5        | 1745            | 1777.5          | 1712.5        | 1745            | 1777.5         |
| 5               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.55         | 17.66           | 18.15           | 0.057         | 0.058           | 0.065          |



| Channel         |                   |   |   | 344000 | 349000 | 354000 | 344000 | 349000 | 354000 |
|-----------------|-------------------|---|---|--------|--------|--------|--------|--------|--------|
| Frequency (MHz) |                   |   |   | 1720   | 1745   | 1770   | 1720   | 1745   | 1770   |
| 20              | CP-OFDM<br>QPSK   | 1 | 1 | 20.45  | 20.23  | 20.30  | 0.111  | 0.105  | 0.107  |
| 20              | CP-OFDM<br>16QAM  | 1 | 1 | 20.61  | 20.28  | 20.23  | 0.115  | 0.107  | 0.105  |
| 20              | CP-OFDM<br>64QAM  | 1 | 1 | 20.33  | 20.02  | 20.15  | 0.108  | 0.100  | 0.104  |
| 20              | CP-OFDM<br>256QAM | 1 | 1 | 20.33  | 20.02  | 20.15  | 0.108  | 0.100  | 0.104  |



| EN_DC_2A_12A_N66 |                         |         |           | Measured EIRP |                 |                 |               |                 |                |
|------------------|-------------------------|---------|-----------|---------------|-----------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]         | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddlCh. /Freq. | HighCh. / Freq. | LowCh. / EIRP | MiddleC h./EIRP | HighCh. / EIRP |
| Channel          |                         |         |           | 344000        | 349000          | 354000          | 344000        | 349000          | 354000         |
| Frequency (MHz)  |                         |         |           | 1720          | 1745            | 1770            | 1720          | 1745            | 1770           |
|                  |                         |         |           | dBm           |                 |                 | W             |                 |                |
| 20               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 18.23         | 18.21           | 17.93           | 0.067         | 0.066           | 0.062          |
| 20               |                         | 1       | 53        | 18.60         | 18.57           | 17.71           | 0.072         | 0.072           | 0.059          |
| 20               |                         | 1       | 104       | 18.18         | 18.50           | 18.14           | 0.066         | 0.071           | 0.065          |
| 20               |                         | 50      | 1         | 18.07         | 18.31           | 17.53           | 0.064         | 0.068           | 0.057          |
| 20               |                         | 50      | 25        | 18.33         | 18.34           | 17.70           | 0.068         | 0.068           | 0.059          |
| 20               |                         | 50      | 50        | 18.04         | 18.20           | 18.04           | 0.064         | 0.066           | 0.064          |
| 20               |                         | 100     | 0         | 18.05         | 18.15           | 18.02           | 0.064         | 0.065           | 0.063          |
| 20               | DFT-s-OFDM<br>QPSK      | 1       | 1         | 18.45         | 19.10           | 18.99           | 0.070         | 0.081           | 0.079          |
| 20               |                         | 1       | 53        | 18.35         | 18.36           | 18.87           | 0.068         | 0.069           | 0.077          |
| 20               |                         | 1       | 104       | 18.32         | 18.27           | 18.95           | 0.068         | 0.067           | 0.079          |
| 20               |                         | 50      | 1         | 18.33         | 18.48           | 17.97           | 0.068         | 0.070           | 0.063          |
| 20               |                         | 50      | 25        | 18.26         | 18.43           | 17.97           | 0.067         | 0.070           | 0.063          |
| 20               |                         | 50      | 50        | 18.25         | 18.35           | 17.77           | 0.067         | 0.068           | 0.060          |
| 20               |                         | 100     | 0         | 18.31         | 18.35           | 17.86           | 0.068         | 0.068           | 0.061          |
| 20               | DFT-s-OFDM<br>16QAM     | 1       | 1         | 18.56         | 18.48           | 18.20           | 0.072         | 0.070           | 0.066          |
| 20               | DFT-s-OFDM<br>64QAM     | 1       | 1         | 18.44         | 18.24           | 17.76           | 0.070         | 0.067           | 0.060          |
| 20               | DFT-s-OFDM<br>256QAM    | 1       | 1         | 18.26         | 18.17           | 17.66           | 0.067         | 0.066           | 0.058          |
| Channel          |                         |         |           | 343500        | 349000          | 354500          | 343500        | 349000          | 354500         |
| Frequency (MHz)  |                         |         |           | 1717.5        | 1745            | 1772.5          | 1717.5        | 1745            | 1772.5         |
| 15               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 18.38         | 18.36           | 18.15           | 0.069         | 0.069           | 0.065          |
| Channel          |                         |         |           | 343000        | 349000          | 355000          | 343000        | 349000          | 355000         |
| Frequency (MHz)  |                         |         |           | 1715          | 1745            | 1775            | 1715          | 1745            | 1775           |
| 10               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 18.17         | 18.02           | 17.46           | 0.066         | 0.063           | 0.056          |
| Channel          |                         |         |           | 342500        | 349000          | 355500          | 342500        | 349000          | 355500         |
| Frequency (MHz)  |                         |         |           | 1712.5        | 1745            | 1777.5          | 1712.5        | 1745            | 1777.5         |
| 5                | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 18.13         | 17.99           | 17.85           | 0.065         | 0.063           | 0.061          |



| Channel         |                   |   |   | 344000 | 349000 | 354000 | 344000 | 349000 | 354000 |
|-----------------|-------------------|---|---|--------|--------|--------|--------|--------|--------|
| Frequency (MHz) |                   |   |   | 1720   | 1745   | 1770   | 1720   | 1745   | 1770   |
| 20              | CP-OFDM<br>QPSK   | 1 | 1 | 18.29  | 18.48  | 17.85  | 0.067  | 0.070  | 0.061  |
| 20              | CP-OFDM<br>16QAM  | 1 | 1 | 18.51  | 18.55  | 17.77  | 0.071  | 0.072  | 0.060  |
| 20              | CP-OFDM<br>64QAM  | 1 | 1 | 18.19  | 18.07  | 17.23  | 0.066  | 0.064  | 0.053  |
| 20              | CP-OFDM<br>256QAM | 1 | 1 | 18.19  | 18.07  | 17.23  | 0.066  | 0.064  | 0.053  |



| EN_DC_12A_66A_N66 |                         |         |           | Measured EIRP |                 |                 |               |                 |                |
|-------------------|-------------------------|---------|-----------|---------------|-----------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]          | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddlCh. /Freq. | HighCh. / Freq. | LowCh. / EIRP | MiddleC h./EIRP | HighCh. / EIRP |
| Channel           |                         |         |           | 344000        | 349000          | 354000          | 344000        | 349000          | 354000         |
| Frequency (MHz)   |                         |         |           | 1720          | 1745            | 1770            | 1720          | 1745            | 1770           |
|                   |                         |         |           | dBm           |                 |                 | W             |                 |                |
| 20                | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.29         | 17.51           | 17.39           | 0.054         | 0.056           | 0.055          |
| 20                |                         | 1       | 53        | 17.68         | 17.39           | 17.32           | 0.059         | 0.055           | 0.054          |
| 20                |                         | 1       | 104       | 17.54         | 17.17           | 17.45           | 0.057         | 0.052           | 0.056          |
| 20                |                         | 50      | 1         | 17.00         | 17.56           | 17.17           | 0.050         | 0.057           | 0.052          |
| 20                |                         | 50      | 25        | 17.17         | 17.38           | 17.04           | 0.052         | 0.055           | 0.051          |
| 20                |                         | 50      | 50        | 17.36         | 17.13           | 17.21           | 0.054         | 0.052           | 0.053          |
| 20                |                         | 100     | 0         | 17.54         | 17.33           | 17.22           | 0.057         | 0.054           | 0.053          |
| 20                | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.10         | 17.77           | 17.14           | 0.051         | 0.060           | 0.052          |
| 20                |                         | 1       | 53        | 17.14         | 17.14           | 17.28           | 0.052         | 0.052           | 0.053          |
| 20                |                         | 1       | 104       | 17.02         | 17.29           | 17.32           | 0.050         | 0.054           | 0.054          |
| 20                |                         | 50      | 1         | 17.36         | 17.62           | 17.44           | 0.054         | 0.058           | 0.055          |
| 20                |                         | 50      | 25        | 17.44         | 17.60           | 17.20           | 0.055         | 0.058           | 0.052          |
| 20                |                         | 50      | 50        | 17.54         | 17.26           | 17.39           | 0.057         | 0.053           | 0.055          |
| 20                |                         | 100     | 0         | 17.45         | 17.42           | 17.19           | 0.056         | 0.055           | 0.052          |
| 20                | DFT-s-OFDM<br>16QAM     | 1       | 1         | 17.32         | 17.06           | 17.41           | 0.054         | 0.051           | 0.055          |
| 20                | DFT-s-OFDM<br>64QAM     | 1       | 1         | 16.96         | 17.25           | 17.42           | 0.050         | 0.053           | 0.055          |
| 20                | DFT-s-OFDM<br>256QAM    | 1       | 1         | 17.32         | 17.18           | 17.05           | 0.054         | 0.052           | 0.051          |
| Channel           |                         |         |           | 343500        | 349000          | 354500          | 343500        | 349000          | 354500         |
| Frequency (MHz)   |                         |         |           | 1717.5        | 1745            | 1772.5          | 1717.5        | 1745            | 1772.5         |
| 15                | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.01         | 17.18           | 16.90           | 0.050         | 0.052           | 0.049          |
| Channel           |                         |         |           | 343000        | 349000          | 355000          | 343000        | 349000          | 355000         |
| Frequency (MHz)   |                         |         |           | 1715          | 1745            | 1775            | 1715          | 1745            | 1775           |
| 10                | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.16         | 17.24           | 17.02           | 0.052         | 0.053           | 0.050          |
| Channel           |                         |         |           | 342500        | 349000          | 355500          | 342500        | 349000          | 355500         |
| Frequency (MHz)   |                         |         |           | 1712.5        | 1745            | 1777.5          | 1712.5        | 1745            | 1777.5         |
| 5                 | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.20         | 17.12           | 17.12           | 0.052         | 0.052           | 0.052          |





| Channel         |                   |   |   | 344000 | 349000 | 354000 | 344000 | 349000 | 354000 |
|-----------------|-------------------|---|---|--------|--------|--------|--------|--------|--------|
| Frequency (MHz) |                   |   |   | 1720   | 1745   | 1770   | 1720   | 1745   | 1770   |
| 20              | CP-OFDM<br>QPSK   | 1 | 1 | 17.27  | 17.57  | 16.97  | 0.053  | 0.057  | 0.050  |
| 20              | CP-OFDM<br>16QAM  | 1 | 1 | 17.46  | 17.34  | 16.90  | 0.056  | 0.054  | 0.049  |
| 20              | CP-OFDM<br>64QAM  | 1 | 1 | 17.68  | 17.29  | 17.17  | 0.059  | 0.054  | 0.052  |
| 20              | CP-OFDM<br>256QAM | 1 | 1 | 17.47  | 17.20  | 17.37  | 0.056  | 0.052  | 0.055  |



| EN_DC_2A_46A_N66 |                         |         |           | Measured EIRP |                 |                 |               |                 |                |
|------------------|-------------------------|---------|-----------|---------------|-----------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]         | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddlCh. /Freq. | HighCh. / Freq. | LowCh. / EIRP | MiddleC h./EIRP | HighCh. / EIRP |
| Channel          |                         |         |           | 344000        | 349000          | 354000          | 344000        | 349000          | 354000         |
| Frequency (MHz)  |                         |         |           | 1720          | 1745            | 1770            | 1720          | 1745            | 1770           |
|                  |                         |         |           | dBm           |                 |                 | W             |                 |                |
| 20               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.28         | 22.21           | 22.10           | 0.169         | 0.166           | 0.162          |
| 20               |                         | 1       | 53        | 22.11         | 22.10           | 21.80           | 0.163         | 0.162           | 0.151          |
| 20               |                         | 1       | 104       | 22.33         | 22.22           | 21.70           | 0.171         | 0.167           | 0.148          |
| 20               |                         | 50      | 1         | 22.33         | 22.30           | 22.00           | 0.171         | 0.170           | 0.158          |
| 20               |                         | 50      | 25        | 22.13         | 22.17           | 21.86           | 0.163         | 0.165           | 0.153          |
| 20               |                         | 50      | 50        | 22.10         | 22.15           | 21.84           | 0.162         | 0.164           | 0.153          |
| 20               |                         | 100     | 0         | 22.20         | 22.10           | 21.87           | 0.166         | 0.162           | 0.154          |
| 20               | DFT-s-OFDM<br>QPSK      | 1       | 1         | 22.34         | 22.45           | 21.81           | 0.171         | 0.176           | 0.152          |
| 20               |                         | 1       | 53        | 22.02         | 22.10           | 21.62           | 0.159         | 0.162           | 0.145          |
| 20               |                         | 1       | 104       | 22.03         | 22.07           | 21.77           | 0.160         | 0.161           | 0.150          |
| 20               |                         | 50      | 1         | 22.06         | 22.29           | 21.97           | 0.161         | 0.169           | 0.157          |
| 20               |                         | 50      | 25        | 22.03         | 22.26           | 21.74           | 0.160         | 0.168           | 0.149          |
| 20               |                         | 50      | 50        | 22.06         | 22.00           | 21.72           | 0.161         | 0.158           | 0.149          |
| 20               |                         | 100     | 0         | 22.07         | 22.16           | 21.94           | 0.161         | 0.164           | 0.156          |
| 20               | DFT-s-OFDM<br>16QAM     | 1       | 1         | 22.16         | 22.21           | 22.19           | 0.164         | 0.166           | 0.166          |
| 20               | DFT-s-OFDM<br>64QAM     | 1       | 1         | 21.01         | 21.03           | 20.41           | 0.126         | 0.127           | 0.110          |
| 20               | DFT-s-OFDM<br>256QAM    | 1       | 1         | 19.21         | 19.06           | 18.36           | 0.083         | 0.081           | 0.069          |
| Channel          |                         |         |           | 343500        | 349000          | 354500          | 343500        | 349000          | 354500         |
| Frequency (MHz)  |                         |         |           | 1717.5        | 1745            | 1772.5          | 1717.5        | 1745            | 1772.5         |
| 15               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.28         | 22.09           | 21.91           | 0.169         | 0.162           | 0.155          |
| Channel          |                         |         |           | 343000        | 349000          | 355000          | 343000        | 349000          | 355000         |
| Frequency (MHz)  |                         |         |           | 1715          | 1745            | 1775            | 1715          | 1745            | 1775           |
| 10               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 21.99         | 22.05           | 21.84           | 0.158         | 0.160           | 0.153          |
| Channel          |                         |         |           | 342500        | 349000          | 355500          | 342500        | 349000          | 355500         |
| Frequency (MHz)  |                         |         |           | 1712.5        | 1745            | 1777.5          | 1712.5        | 1745            | 1777.5         |
| 5                | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.25         | 21.94           | 21.74           | 0.168         | 0.156           | 0.149          |



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| Channel         |                   |   |   | 344000 | 349000 | 354000 | 344000 | 349000 | 354000 |
|-----------------|-------------------|---|---|--------|--------|--------|--------|--------|--------|
| Frequency (MHz) |                   |   |   | 1720   | 1745   | 1770   | 1720   | 1745   | 1770   |
| 20              | CP-OFDM<br>QPSK   | 1 | 1 | 21.68  | 21.66  | 21.44  | 0.147  | 0.147  | 0.139  |
| 20              | CP-OFDM<br>16QAM  | 1 | 1 | 21.63  | 21.35  | 21.14  | 0.146  | 0.136  | 0.130  |
| 20              | CP-OFDM<br>64QAM  | 1 | 1 | 19.63  | 20.01  | 19.54  | 0.092  | 0.100  | 0.090  |
| 20              | CP-OFDM<br>256QAM | 1 | 1 | 19.63  | 20.01  | 19.54  | 0.092  | 0.100  | 0.090  |



| EN_DC_2A_12A_12A_N66 |                         |         |           | Measured EIRP |                 |                 |               |                 |                |
|----------------------|-------------------------|---------|-----------|---------------|-----------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]             | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddlCh. /Freq. | HighCh. / Freq. | LowCh. / EIRP | MiddleC h./EIRP | HighCh. / EIRP |
| Channel              |                         |         |           | 344000        | 349000          | 354000          | 344000        | 349000          | 354000         |
| Frequency (MHz)      |                         |         |           | 1720          | 1745            | 1770            | 1720          | 1745            | 1770           |
|                      |                         |         |           | dBm           |                 |                 | W             |                 |                |
| 20                   | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.28         | 17.35           | 17.19           | 0.053         | 0.054           | 0.052          |
| 20                   |                         | 1       | 53        | 17.40         | 17.30           | 17.05           | 0.055         | 0.054           | 0.051          |
| 20                   |                         | 1       | 104       | 17.32         | 17.33           | 17.22           | 0.054         | 0.054           | 0.053          |
| 20                   |                         | 50      | 1         | 17.44         | 17.27           | 17.24           | 0.055         | 0.053           | 0.053          |
| 20                   |                         | 50      | 25        | 17.48         | 17.44           | 17.31           | 0.056         | 0.055           | 0.054          |
| 20                   |                         | 50      | 50        | 17.58         | 17.35           | 17.17           | 0.057         | 0.054           | 0.052          |
| 20                   |                         | 100     | 0         | 17.35         | 17.36           | 17.15           | 0.054         | 0.054           | 0.052          |
| 20                   | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.31         | 17.76           | 17.17           | 0.054         | 0.060           | 0.052          |
| 20                   |                         | 1       | 53        | 17.44         | 17.12           | 17.14           | 0.055         | 0.052           | 0.052          |
| 20                   |                         | 1       | 104       | 17.65         | 17.29           | 17.13           | 0.058         | 0.054           | 0.052          |
| 20                   |                         | 50      | 1         | 17.16         | 17.49           | 17.23           | 0.052         | 0.056           | 0.053          |
| 20                   |                         | 50      | 25        | 17.46         | 17.41           | 17.30           | 0.056         | 0.055           | 0.054          |
| 20                   |                         | 50      | 50        | 17.35         | 17.33           | 17.22           | 0.054         | 0.054           | 0.053          |
| 20                   |                         | 100     | 0         | 17.37         | 17.38           | 17.20           | 0.055         | 0.055           | 0.052          |
| 20                   | DFT-s-OFDM<br>16QAM     | 1       | 1         | 17.55         | 17.26           | 17.38           | 0.057         | 0.053           | 0.055          |
| 20                   | DFT-s-OFDM<br>64QAM     | 1       | 1         | 17.17         | 17.32           | 17.14           | 0.052         | 0.054           | 0.052          |
| 20                   | DFT-s-OFDM<br>256QAM    | 1       | 1         | 17.23         | 17.24           | 17.05           | 0.053         | 0.053           | 0.051          |
| Channel              |                         |         |           | 343500        | 349000          | 354500          | 343500        | 349000          | 354500         |
| Frequency (MHz)      |                         |         |           | 1717.5        | 1745            | 1772.5          | 1717.5        | 1745            | 1772.5         |
| 15                   | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.51         | 17.36           | 16.99           | 0.056         | 0.054           | 0.050          |
| Channel              |                         |         |           | 343000        | 349000          | 355000          | 343000        | 349000          | 355000         |
| Frequency (MHz)      |                         |         |           | 1715          | 1745            | 1775            | 1715          | 1745            | 1775           |
| 10                   | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.55         | 17.45           | 17.35           | 0.057         | 0.056           | 0.054          |
| Channel              |                         |         |           | 342500        | 349000          | 355500          | 342500        | 349000          | 355500         |
| Frequency (MHz)      |                         |         |           | 1712.5        | 1745            | 1777.5          | 1712.5        | 1745            | 1777.5         |
| 5                    | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 17.43         | 17.39           | 17.01           | 0.055         | 0.055           | 0.050          |



| Channel         |                   |   |   | 344000 | 349000 | 354000 | 344000 | 349000 | 354000 |
|-----------------|-------------------|---|---|--------|--------|--------|--------|--------|--------|
| Frequency (MHz) |                   |   |   | 1720   | 1745   | 1770   | 1720   | 1745   | 1770   |
| 20              | CP-OFDM<br>QPSK   | 1 | 1 | 17.44  | 17.30  | 17.16  | 0.055  | 0.054  | 0.052  |
| 20              | CP-OFDM<br>16QAM  | 1 | 1 | 17.45  | 17.19  | 17.19  | 0.056  | 0.052  | 0.052  |
| 20              | CP-OFDM<br>64QAM  | 1 | 1 | 17.30  | 17.08  | 17.13  | 0.054  | 0.051  | 0.052  |
| 20              | CP-OFDM<br>256QAM | 1 | 1 | 17.41  | 17.17  | 17.19  | 0.055  | 0.052  | 0.052  |



| EN_DC_13A_N77   |                         |         |           | Measured EIRP |                 |                 |               |                 |                |
|-----------------|-------------------------|---------|-----------|---------------|-----------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]        | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddlCh. /Freq. | HighCh. / Freq. | LowCh. / EIRP | MiddleC h./EIRP | HighCh. / EIRP |
| Channel         |                         |         |           | 650000        | 656000          | 662000          | 650000        | 656000          | 662000         |
| Frequency (MHz) |                         |         |           | 3750          | 3840            | 3930            | 3750          | 3840            | 3930           |
|                 |                         |         |           | dBm           |                 |                 | W             |                 |                |
| 100             | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 21.14         | 20.51           | 20.77           | 0.130         | 0.112           | 0.119          |
| 100             |                         | 1       | 53        | 20.95         | 20.11           | 21.55           | 0.124         | 0.103           | 0.143          |
| 100             |                         | 1       | 104       | 20.59         | 19.93           | 20.81           | 0.115         | 0.098           | 0.121          |
| 100             |                         | 50      | 1         | 20.95         | 19.63           | 20.71           | 0.124         | 0.092           | 0.118          |
| 100             |                         | 50      | 25        | 20.62         | 20.71           | 20.66           | 0.115         | 0.118           | 0.116          |
| 100             |                         | 50      | 50        | 20.45         | 20.41           | 20.80           | 0.111         | 0.110           | 0.120          |
| 100             |                         | 100     | 0         | 20.61         | 18.86           | 20.53           | 0.115         | 0.077           | 0.113          |
| 100             | DFT-s-OFDM<br>QPSK      | 1       | 1         | 21.67         | 21.68           | 21.67           | 0.147         | 0.147           | 0.147          |
| 100             |                         | 1       | 53        | 21.61         | 21.09           | 21.60           | 0.145         | 0.129           | 0.145          |
| 100             |                         | 1       | 104       | 21.58         | 21.31           | 21.61           | 0.144         | 0.135           | 0.145          |
| 100             |                         | 50      | 1         | 20.97         | 21.25           | 20.74           | 0.125         | 0.133           | 0.119          |
| 100             |                         | 50      | 25        | 21.06         | 20.62           | 20.67           | 0.128         | 0.115           | 0.117          |
| 100             |                         | 50      | 50        | 20.78         | 19.86           | 20.65           | 0.120         | 0.097           | 0.116          |
| 100             |                         | 100     | 0         | 20.57         | 20.25           | 20.79           | 0.114         | 0.106           | 0.120          |
| 100             | DFT-s-OFDM<br>16QAM     | 1       | 1         | 19.44         | 19.71           | 19.10           | 0.088         | 0.094           | 0.081          |
| 100             | DFT-s-OFDM<br>64QAM     | 1       | 1         | 19.06         | 18.01           | 17.79           | 0.081         | 0.063           | 0.060          |
| 100             | DFT-s-OFDM<br>256QAM    | 1       | 1         | 17.70         | 16.2            | 17.88           | 0.059         | 0.042           | 0.061          |
| Channel         |                         |         |           | 650000        | 656000          | 662000          | 650000        | 656000          | 662000         |
| Frequency (MHz) |                         |         |           | 3750          | 3840            | 3930            | 3750          | 3840            | 3930           |
| 100             | CP-OFDM<br>QPSK         | 1       | 1         | 20.77         | 19.78           | 19.69           | 0.119         | 0.095           | 0.093          |
| 100             | CP-OFDM<br>16QAM        | 1       | 1         | 20.50         | 20.23           | 19.41           | 0.112         | 0.105           | 0.087          |
| 100             | CP-OFDM<br>64QAM        | 1       | 1         | 18.43         | 18.28           | 18.41           | 0.070         | 0.067           | 0.069          |
| 100             | CP-OFDM<br>256QAM       | 1       | 1         | 15.72         | 15.26           | 14.66           | 0.037         | 0.034           | 0.029          |



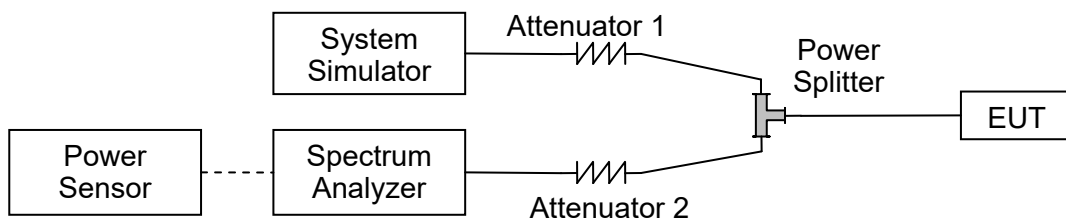
| EN_DC_5A_N77    |                         |         |           | Measured EIRP |                 |                 |               |                 |                |
|-----------------|-------------------------|---------|-----------|---------------|-----------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]        | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddlCh. /Freq. | HighCh. / Freq. | LowCh. / EIRP | MiddleC h./EIRP | HighCh. / EIRP |
| Channel         |                         |         |           | 650000        | 656000          | 662000          | 650000        | 656000          | 662000         |
| Frequency (MHz) |                         |         |           | 3750          | 3840            | 3930            | 3750          | 3840            | 3930           |
|                 |                         |         |           | dBm           |                 |                 | W             |                 |                |
| 100             | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 21.22         | 20.43           | 20.68           | 0.132         | 0.110           | 0.117          |
| 100             |                         | 1       | 53        | 20.97         | 20.08           | 21.49           | 0.125         | 0.102           | 0.141          |
| 100             |                         | 1       | 104       | 20.51         | 19.97           | 19.86           | 0.112         | 0.099           | 0.097          |
| 100             |                         | 50      | 1         | 20.28         | 19.41           | 20.41           | 0.107         | 0.087           | 0.110          |
| 100             |                         | 50      | 25        | 20.65         | 20.32           | 21.11           | 0.116         | 0.108           | 0.129          |
| 100             |                         | 50      | 50        | 20.33         | 20.12           | 20.37           | 0.108         | 0.103           | 0.109          |
| 100             |                         | 100     | 0         | 19.76         | 18.79           | 20.05           | 0.095         | 0.076           | 0.101          |
| 100             | DFT-s-OFDM<br>QPSK      | 1       | 1         | 21.38         | 21.57           | 20.84           | 0.137         | 0.144           | 0.121          |
| 100             |                         | 1       | 53        | 21.00         | 21.02           | 21.55           | 0.126         | 0.126           | 0.143          |
| 100             |                         | 1       | 104       | 21.07         | 21.38           | 20.74           | 0.128         | 0.137           | 0.119          |
| 100             |                         | 50      | 1         | 20.75         | 21.03           | 20.93           | 0.119         | 0.127           | 0.124          |
| 100             |                         | 50      | 25        | 20.58         | 20.59           | 20.77           | 0.114         | 0.115           | 0.119          |
| 100             |                         | 50      | 50        | 20.81         | 19.56           | 20.80           | 0.121         | 0.090           | 0.120          |
| 100             |                         | 100     | 0         | 20.77         | 20.43           | 20.96           | 0.119         | 0.110           | 0.125          |
| 100             | DFT-s-OFDM<br>16QAM     | 1       | 1         | 20.36         | 19.90           | 20.39           | 0.109         | 0.098           | 0.109          |
| 100             | DFT-s-OFDM<br>64QAM     | 1       | 1         | 18.87         | 18.38           | 18.54           | 0.077         | 0.069           | 0.071          |
| 100             | DFT-s-OFDM<br>256QAM    | 1       | 1         | 17.66         | 16.51           | 16.53           | 0.058         | 0.045           | 0.045          |
| Channel         |                         |         |           | 650000        | 656000          | 662000          | 650000        | 656000          | 662000         |
| Frequency (MHz) |                         |         |           | 3750          | 3840            | 3930            | 3750          | 3840            | 3930           |
| 100             | CP-OFDM<br>QPSK         | 1       | 1         | 20.80         | 19.70           | 19.81           | 0.120         | 0.093           | 0.096          |
| 100             | CP-OFDM<br>16QAM        | 1       | 1         | 20.42         | 20.33           | 19.43           | 0.110         | 0.108           | 0.088          |
| 100             | CP-OFDM<br>64QAM        | 1       | 1         | 18.62         | 18.01           | 17.59           | 0.073         | 0.063           | 0.057          |
| 100             | CP-OFDM<br>256QAM       | 1       | 1         | 18.47         | 15.38           | 14.73           | 0.070         | 0.035           | 0.030          |

## 2.2. Occupied Bandwidth

### 2.2.1. Requirement

According to FCC section 2.1049, the occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission. Occupied bandwidth is also known as the 99% emission bandwidth.

### 2.2.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50 Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

### 2.2.3. Test procedure

KDB 971168 D01v03 Section 4.1 and ANSI/TIA-603-E-2016.





2.2.4. Test Result

| DC 13A_46A_N66 |              |            |           |             |              |
|----------------|--------------|------------|-----------|-------------|--------------|
| BW(MHz)        | ChannelLevel | Modulation |           | 99% BW(MHz) | 26dB BW(MHz) |
| 5              | Low          | DFT-s-OFDM | PI/2 BPSK | 4.49        | 4.70         |
|                | Low          |            | QPSK      | 4.52        | 4.69         |
|                | Low          |            | 16QAM     | 4.51        | 4.68         |
|                | Low          |            | 64QAM     | 4.52        | 4.67         |
|                | Low          |            | 256QAM    | 4.46        | 4.68         |
|                | Low          | CP-OFDM    | QPSK      | 4.49        | 4.71         |
|                | Mid          | DFT-s-OFDM | PI/2 BPSK | 4.48        | 4.66         |
|                | Mid          |            | QPSK      | 4.50        | 4.69         |
|                | Mid          |            | 16QAM     | 4.42        | 4.64         |
|                | Mid          |            | 64QAM     | 4.47        | 4.72         |
|                | Mid          |            | 256QAM    | 4.49        | 4.69         |
|                | Mid          | CP-OFDM    | QPSK      | 4.55        | 4.69         |
|                | High         | DFT-s-OFDM | PI/2 BPSK | 4.50        | 4.71         |
|                | High         |            | QPSK      | 4.44        | 4.71         |
|                | High         |            | 16QAM     | 4.48        | 4.72         |
|                | High         |            | 64QAM     | 4.46        | 4.66         |
|                | High         |            | 256QAM    | 4.50        | 4.70         |
|                | High         | CP-OFDM    | QPSK      | 4.50        | 4.74         |
| 10             | Low          | DFT-s-OFDM | PI/2 BPSK | 8.95        | 9.37         |
|                | Low          |            | QPSK      | 9.05        | 9.36         |
|                | Low          |            | 16QAM     | 9.11        | 9.43         |
|                | Low          |            | 64QAM     | 9.09        | 9.41         |
|                | Low          |            | 256QAM    | 9.06        | 9.40         |
|                | Low          | CP-OFDM    | QPSK      | 9.39        | 9.74         |
|                | Mid          | DFT-s-OFDM | PI/2 BPSK | 8.95        | 9.40         |
|                | Mid          |            | QPSK      | 9.02        | 9.30         |
|                | Mid          |            | 16QAM     | 9.02        | 9.40         |
|                | Mid          |            | 64QAM     | 8.98        | 9.35         |
|                | Mid          |            | 256QAM    | 9.09        | 9.43         |
|                | Mid          | CP-OFDM    | QPSK      | 9.42        | 9.96         |
|                | High         | DFT-s-OFDM | PI/2 BPSK | 8.96        | 9.38         |
|                | High         |            | QPSK      | 8.88        | 9.35         |
|                | High         |            | 16QAM     | 8.99        | 9.41         |
| High           |              |            |           |             |              |



|      |         |            |            |           |       |       |
|------|---------|------------|------------|-----------|-------|-------|
|      | High    | CP-OFDM    | 64QAM      | 8.96      | 9.34  |       |
|      | High    |            | 256QAM     | 9.02      | 9.33  |       |
|      | High    |            | QPSK       | 9.46      | 9.79  |       |
| 15   | Low     | DFT-s-OFDM | PI/2 BPSK  | 13.64     | 14.12 |       |
|      | Low     |            | QPSK       | 13.73     | 14.15 |       |
|      | Low     |            | 16QAM      | 13.65     | 14.18 |       |
|      | Low     |            | 64QAM      | 13.69     | 14.10 |       |
|      | Low     |            | 256QAM     | 13.58     | 13.98 |       |
|      | Low     | CP-OFDM    | QPSK       | 14.41     | 14.80 |       |
|      | Mid     | DFT-s-OFDM | PI/2 BPSK  | 13.66     | 14.08 |       |
|      | Mid     |            | QPSK       | 13.76     | 14.14 |       |
|      | Mid     |            | 16QAM      | 13.61     | 13.99 |       |
|      | Mid     |            | 64QAM      | 13.40     | 13.99 |       |
|      | Mid     |            | 256QAM     | 13.51     | 14.16 |       |
|      | Mid     | CP-OFDM    | QPSK       | 14.32     | 14.80 |       |
|      | 20      | High       | DFT-s-OFDM | PI/2 BPSK | 13.60 | 14.09 |
|      |         | High       |            | QPSK      | 13.62 | 14.10 |
|      |         | High       |            | 16QAM     | 13.44 | 13.98 |
| High |         | 64QAM      |            | 13.51     | 14.12 |       |
| High |         | 256QAM     |            | 13.52     | 14.15 |       |
| High |         | CP-OFDM    | QPSK       | 14.09     | 14.65 |       |
| Low  |         | DFT-s-OFDM | PI/2 BPSK  | 18.01     | 18.86 |       |
| Low  |         |            | QPSK       | 18.03     | 18.56 |       |
| Low  |         |            | 16QAM      | 17.97     | 18.63 |       |
| Low  |         |            | 64QAM      | 18.22     | 18.76 |       |
| Low  | 256QAM  |            | 18.20      | 18.69     |       |       |
| Low  | CP-OFDM | QPSK       | 19.35      | 19.90     |       |       |
| 20   | Mid     | DFT-s-OFDM | PI/2 BPSK  | 18.15     | 18.83 |       |
|      | Mid     |            | QPSK       | 18.22     | 18.85 |       |
|      | Mid     |            | 16QAM      | 18.22     | 19.04 |       |
|      | Mid     |            | 64QAM      | 18.01     | 19.07 |       |
|      | Mid     |            | 256QAM     | 17.93     | 18.64 |       |
|      | Mid     | CP-OFDM    | QPSK       | 19.24     | 19.76 |       |
|      | High    | DFT-s-OFDM | PI/2 BPSK  | 18.01     | 18.91 |       |
|      | High    |            | QPSK       | 18.19     | 18.83 |       |
|      | High    |            | 16QAM      | 18.21     | 18.79 |       |
|      | High    |            | 64QAM      | 18.08     | 18.77 |       |
| High | 256QAM  |            | 18.01      | 18.62     |       |       |



|               | High         | CP-OFDM    | QPSK      | 19.18       | 19.82        |
|---------------|--------------|------------|-----------|-------------|--------------|
| DC_13A_66A_N2 |              |            |           |             |              |
| BW(MHz)       | ChannelLevel | Modulation |           | 99% BW(MHz) | 26dB BW(MHz) |
| 5             | Low          | DFT-s-OFDM | PI/2 BPSK | 4.50        | 4.72         |
|               | Low          |            | QPSK      | 4.54        | 4.71         |
|               | Low          |            | 16QAM     | 4.47        | 4.71         |
|               | Low          |            | 64QAM     | 4.50        | 4.68         |
|               | Low          |            | 256QAM    | 4.44        | 4.69         |
|               | Low          | CP-OFDM    | QPSK      | 4.51        | 4.68         |
|               | Mid          | DFT-s-OFDM | PI/2 BPSK | 4.52        | 4.71         |
|               | Mid          |            | QPSK      | 4.51        | 4.74         |
|               | Mid          |            | 16QAM     | 4.46        | 4.65         |
|               | Mid          |            | 64QAM     | 4.49        | 4.65         |
|               | Mid          |            | 256QAM    | 4.51        | 4.67         |
|               | Mid          | CP-OFDM    | QPSK      | 4.47        | 4.64         |
|               | High         | DFT-s-OFDM | PI/2 BPSK | 4.49        | 4.72         |
|               | High         |            | QPSK      | 4.52        | 4.71         |
|               | High         |            | 16QAM     | 4.47        | 4.71         |
|               | High         |            | 64QAM     | 4.45        | 4.70         |
|               | High         |            | 256QAM    | 4.51        | 4.66         |
|               | High         | CP-OFDM    | QPSK      | 4.53        | 4.70         |
| 10            | Low          | DFT-s-OFDM | PI/2 BPSK | 9.01        | 9.42         |
|               | Low          |            | QPSK      | 8.94        | 9.32         |
|               | Low          |            | 16QAM     | 9.10        | 9.38         |
|               | Low          |            | 64QAM     | 9.07        | 9.45         |
|               | Low          |            | 256QAM    | 8.82        | 9.27         |
|               | Low          | CP-OFDM    | QPSK      | 9.35        | 9.72         |
|               | Mid          | DFT-s-OFDM | PI/2 BPSK | 9.04        | 9.41         |
|               | Mid          |            | QPSK      | 9.13        | 9.50         |
|               | Mid          |            | 16QAM     | 9.0         | 9.39         |
|               | Mid          |            | 64QAM     | 9.06        | 9.41         |
|               | Mid          |            | 256QAM    | 9.05        | 9.36         |
|               | Mid          | CP-OFDM    | QPSK      | 9.48        | 9.85         |
|               | High         | DFT-s-OFDM | PI/2 BPSK | 8.99        | 10.05        |
|               | High         |            | QPSK      | 9.05        | 9.38         |
|               | High         |            | 16QAM     | 8.99        | 9.75         |
|               | High         |            | 64QAM     | 9.12        | 9.41         |



|      |      |            |            |           |       |       |
|------|------|------------|------------|-----------|-------|-------|
|      | High |            | 256QAM     | 9.03      | 9.35  |       |
|      | High | CP-OFDM    | QPSK       | 9.43      | 9.75  |       |
| 15   | Low  | DFT-s-OFDM | PI/2 BPSK  | 13.49     | 13.92 |       |
|      | Low  |            | QPSK       | 13.64     | 14.03 |       |
|      | Low  |            | 16QAM      | 13.64     | 14.04 |       |
|      | Low  |            | 64QAM      | 13.70     | 14.12 |       |
|      | Low  |            | 256QAM     | 13.55     | 14.13 |       |
|      | Low  | CP-OFDM    | QPSK       | 14.04     | 14.64 |       |
|      | Mid  | DFT-s-OFDM | PI/2 BPSK  | 13.67     | 14.28 |       |
|      | Mid  |            | QPSK       | 13.61     | 14.04 |       |
|      | Mid  |            | 16QAM      | 13.62     | 14.12 |       |
|      | Mid  |            | 64QAM      | 13.65     | 14.09 |       |
|      | Mid  |            | 256QAM     | 13.40     | 14.88 |       |
|      | Mid  | CP-OFDM    | QPSK       | 13.25     | 14.83 |       |
|      | High | DFT-s-OFDM | PI/2 BPSK  | 13.61     | 14.09 |       |
|      | High |            | QPSK       | 13.60     | 14.06 |       |
|      | High |            | 16QAM      | 13.40     | 13.91 |       |
|      | High |            | 64QAM      | 13.51     | 14.04 |       |
|      | High |            | 256QAM     | 13.42     | 13.93 |       |
|      | High | CP-OFDM    | QPSK       | 14.33     | 15.04 |       |
|      | 20   | Low        | DFT-s-OFDM | PI/2 BPSK | 18.27 | 18.86 |
|      |      | Low        |            | QPSK      | 18.22 | 18.84 |
| Low  |      | 16QAM      |            | 18.03     | 20.10 |       |
| Low  |      | 64QAM      |            | 17.97     | 19.23 |       |
| Low  |      | 256QAM     |            | 18.09     | 18.69 |       |
| Low  |      | CP-OFDM    | QPSK       | 19.34     | 19.88 |       |
| Mid  |      | DFT-s-OFDM | PI/2 BPSK  | 18.25     | 18.92 |       |
| Mid  |      |            | QPSK       | 17.97     | 21.30 |       |
| Mid  |      |            | 16QAM      | 18.02     | 18.74 |       |
| Mid  |      |            | 64QAM      | 18.33     | 19.26 |       |
| Mid  |      |            | 256QAM     | 17.98     | 18.69 |       |
| Mid  |      | CP-OFDM    | QPSK       | 19.09     | 19.77 |       |
| High |      | DFT-s-OFDM | PI/2 BPSK  | 18.16     | 18.81 |       |
| High |      |            | QPSK       | 18.08     | 18.73 |       |
| High |      |            | 16QAM      | 18.15     | 18.74 |       |
| High |      |            | 64QAM      | 18.21     | 18.73 |       |
| High |      |            | 256QAM     | 18.01     | 18.65 |       |
| High |      | CP-OFDM    | QPSK       | 19.25     | 19.79 |       |



| DC DC_46A_66A_N5 |              |            |           |             |              |
|------------------|--------------|------------|-----------|-------------|--------------|
| BW(MHz)          | ChannelLevel | Modulation |           | 99% BW(MHz) | 26dB BW(MHz) |
| 5                | Low          | DFT-s-OFDM | PI/2 BPSK | 4.46        | 4.72         |
|                  | Low          |            | QPSK      | 4.51        | 4.69         |
|                  | Low          |            | 16QAM     | 4.47        | 4.72         |
|                  | Low          |            | 64QAM     | 4.46        | 4.69         |
|                  | Low          |            | 256QAM    | 4.52        | 4.68         |
|                  | Low          | CP-OFDM    | QPSK      | 4.50        | 4.71         |
|                  | Mid          | DFT-s-OFDM | PI/2 BPSK | 4.50        | 4.68         |
|                  | Mid          |            | QPSK      | 4.49        | 4.75         |
|                  | Mid          |            | 16QAM     | 4.52        | 4.69         |
|                  | Mid          |            | 64QAM     | 4.45        | 4.65         |
|                  | Mid          |            | 256QAM    | 4.51        | 4.65         |
|                  | Mid          | CP-OFDM    | QPSK      | 4.50        | 4.67         |
|                  | High         | DFT-s-OFDM | PI/2 BPSK | 4.49        | 4.69         |
|                  | High         |            | QPSK      | 4.47        | 4.69         |
|                  | High         |            | 16QAM     | 4.52        | 4.69         |
|                  | High         |            | 64QAM     | 4.46        | 4.68         |
|                  | High         |            | 256QAM    | 4.50        | 4.68         |
|                  | High         | CP-OFDM    | QPSK      | 4.47        | 4.64         |
| 10               | Low          | DFT-s-OFDM | PI/2 BPSK | 9.00        | 9.48         |
|                  | Low          |            | QPSK      | 9.14        | 9.39         |
|                  | Low          |            | 16QAM     | 8.99        | 9.39         |
|                  | Low          |            | 64QAM     | 8.99        | 9.39         |
|                  | Low          |            | 256QAM    | 8.99        | 10.65        |
|                  | Low          | CP-OFDM    | QPSK      | 9.05        | 9.50         |
|                  | Mid          | DFT-s-OFDM | PI/2 BPSK | 9.32        | 9.65         |
|                  | Mid          |            | QPSK      | 9.01        | 10.36        |
|                  | Mid          |            | 16QAM     | 9.10        | 9.39         |
|                  | Mid          |            | 64QAM     | 9.04        | 9.38         |
|                  | Mid          |            | 256QAM    | 9.07        | 9.74         |
|                  | Mid          | CP-OFDM    | QPSK      | 9.41        | 9.90         |
|                  | High         | DFT-s-OFDM | PI/2 BPSK | 8.89        | 9.49         |
|                  | High         |            | QPSK      | 8.96        | 9.31         |
|                  | High         |            | 16QAM     | 8.99        | 9.28         |
|                  | High         |            | 64QAM     | 9.05        | 9.42         |



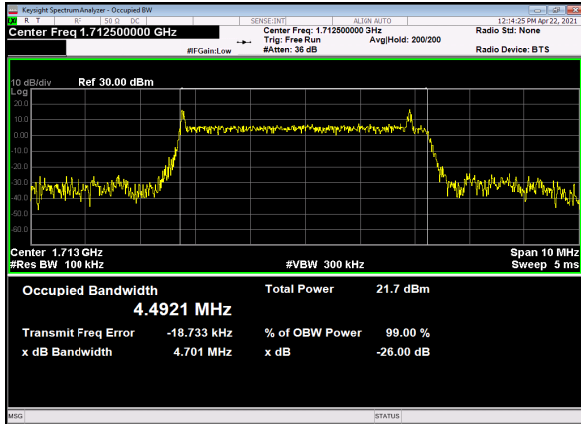
|    |      |            |           |       |       |
|----|------|------------|-----------|-------|-------|
|    | High |            | 256QAM    | 8.94  | 9.35  |
|    | High | CP-OFDM    | QPSK      | 9.29  | 9.72  |
| 15 | Low  | DFT-s-OFDM | PI/2 BPSK | 13.63 | 14.03 |
|    | Low  |            | QPSK      | 13.63 | 14.12 |
|    | Low  |            | 16QAM     | 13.45 | 13.91 |
|    | Low  |            | 64QAM     | 13.33 | 14.21 |
|    | Low  |            | 256QAM    | 13.50 | 14.40 |
|    | Low  | CP-OFDM    | QPSK      | 14.00 | 14.59 |
|    | Mid  | DFT-s-OFDM | PI/2 BPSK | 13.56 | 14.03 |
|    | Mid  |            | QPSK      | 13.60 | 14.13 |
|    | Mid  |            | 16QAM     | 13.53 | 13.96 |
|    | Mid  |            | 64QAM     | 13.60 | 14.11 |
|    | Mid  |            | 256QAM    | 13.48 | 14.04 |
|    | Mid  | CP-OFDM    | QPSK      | 14.15 | 14.57 |
|    | High | DFT-s-OFDM | PI/2 BPSK | 13.50 | 14.07 |
|    | High |            | QPSK      | 13.49 | 14.02 |
|    | High |            | 16QAM     | 13.57 | 14.00 |
|    | High |            | 64QAM     | 13.62 | 14.58 |
|    | High |            | 256QAM    | 13.53 | 13.95 |
|    | High | CP-OFDM    | QPSK      | 14.25 | 14.79 |
| 20 | Low  | DFT-s-OFDM | PI/2 BPSK | 18.07 | 18.69 |
|    | Low  |            | QPSK      | 18.23 | 19.49 |
|    | Low  |            | 16QAM     | 18.26 | 19.49 |
|    | Low  |            | 64QAM     | 17.99 | 18.91 |
|    | Low  |            | 256QAM    | 18.21 | 19.38 |
|    | Low  | CP-OFDM    | QPSK      | 19.19 | 19.81 |
|    | Mid  | DFT-s-OFDM | PI/2 BPSK | 18.19 | 19.50 |
|    | Mid  |            | QPSK      | 18.13 | 18.92 |
|    | Mid  |            | 16QAM     | 17.92 | 18.68 |
|    | Mid  |            | 64QAM     | 18.21 | 19.00 |
|    | Mid  |            | 256QAM    | 18.12 | 18.75 |
|    | Mid  | CP-OFDM    | QPSK      | 18.89 | 20.68 |
|    | High | DFT-s-OFDM | PI/2 BPSK | 17.89 | 18.62 |
|    | High |            | QPSK      | 18.14 | 18.68 |
|    | High |            | 16QAM     | 18.23 | 18.80 |
|    | High |            | 64QAM     | 17.80 | 19.05 |
|    | High |            | 256QAM    | 18.14 | 18.73 |
|    | High | CP-OFDM    | QPSK      | 19.26 | 19.87 |



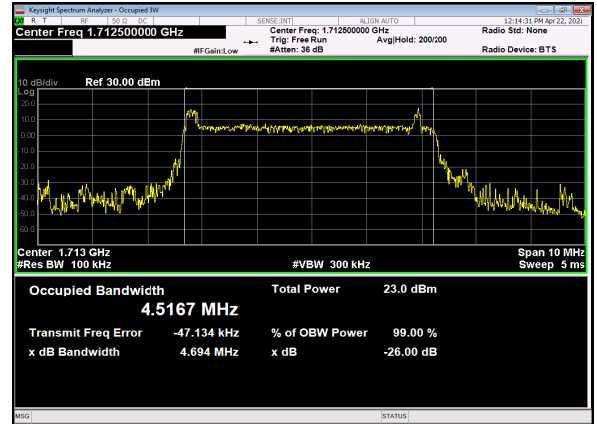
| DC 13A_N77 |              |            |           |             |              |
|------------|--------------|------------|-----------|-------------|--------------|
| BW(MHz)    | ChannelLevel | Modulation |           | 99% BW(MHz) | 26dB BW(MHz) |
| 100        | Low          | DFT-s-OFDM | PI/2 BPSK | 96.51       | 100.8        |
|            | Low          |            | QPSK      | 96.44       | 101.4        |
|            | Low          |            | 16QAM     | 96.53       | 101.4        |
|            | Low          |            | 64QAM     | 96.89       | 101.6        |
|            | Low          |            | 256QAM    | 96.17       | 100.5        |
|            | Low          | CP-OFDM    | QPSK      | 96.97       | 101.5        |
|            | Mid          | DFT-s-OFDM | PI/2 BPSK | 96.04       | 101.0        |
|            | Mid          |            | QPSK      | 96.67       | 101.4        |
|            | Mid          |            | 16QAM     | 97.03       | 100.9        |
|            | Mid          |            | 64QAM     | 96.97       | 101.7        |
|            | Mid          |            | 256QAM    | 97.03       | 101.4        |
|            | Mid          | CP-OFDM    | QPSK      | 96.98       | 101.5        |
|            | High         | DFT-s-OFDM | PI/2 BPSK | 97.00       | 101.7        |
|            | High         |            | QPSK      | 96.63       | 101.3        |
|            | High         |            | 16QAM     | 96.51       | 101.2        |
|            | High         |            | 64QAM     | 97.05       | 100.9        |
|            | High         |            | 256QAM    | 95.69       | 101.2        |
|            | High         | CP-OFDM    | QPSK      | 96.75       | 101.2        |



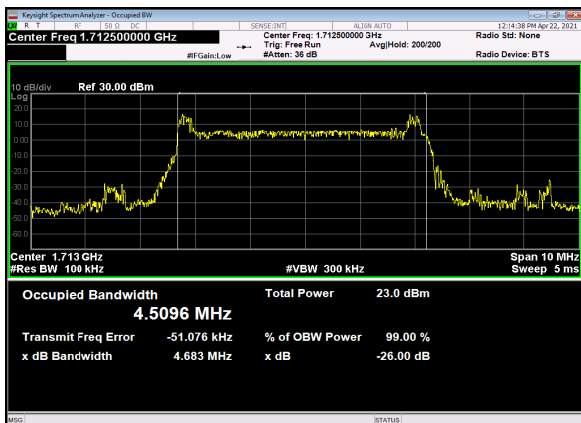
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K\_Outer\_Full\_Low\_CH



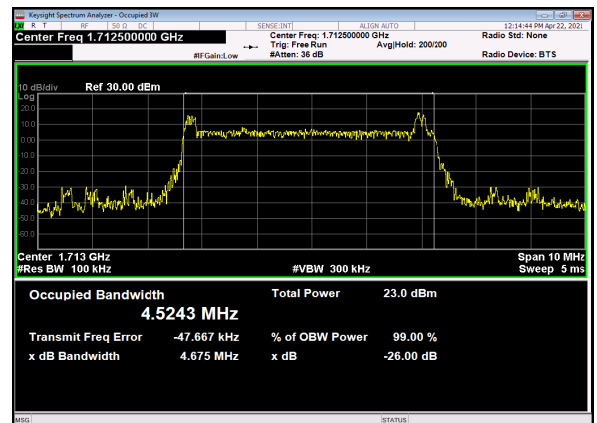
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SK\_Outer\_Full\_Low\_CH



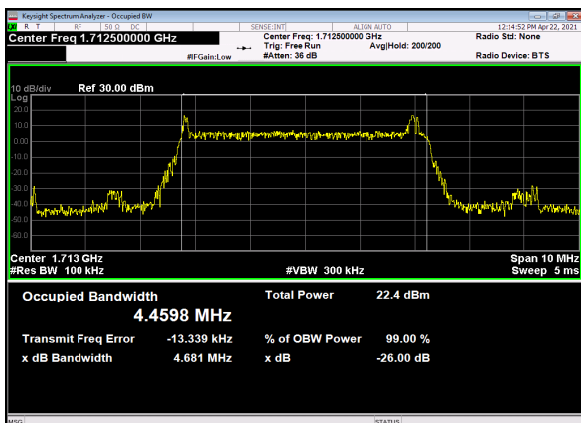
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QAM\_Outer\_Full\_Low\_CH



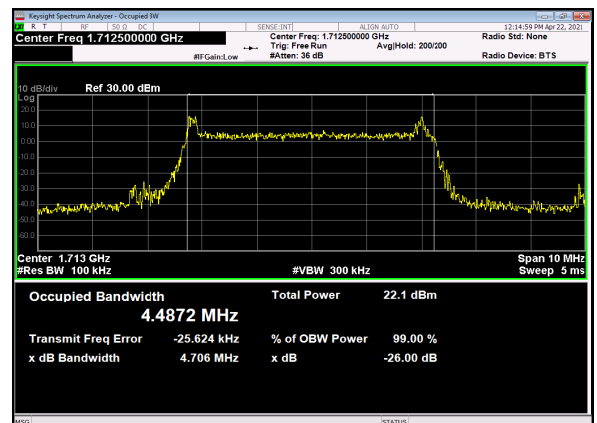
DC\_13A\_46A\_N66(5M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_Low\_CH



DC\_13A\_46A\_N66(5M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_Low\_CH



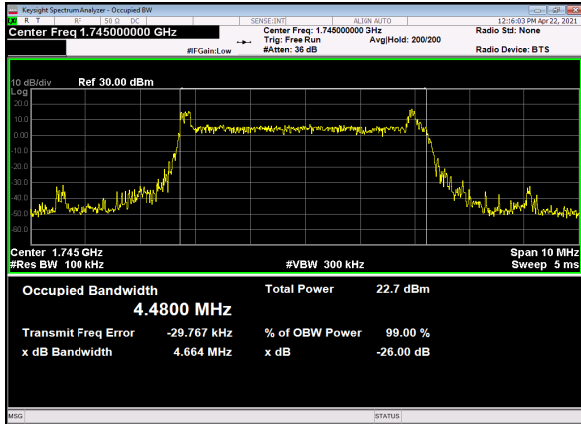
DC\_13A\_46A\_N66(5M)\_CP-OFDM\_QPSK\_  
Outer\_Full\_Low\_CH



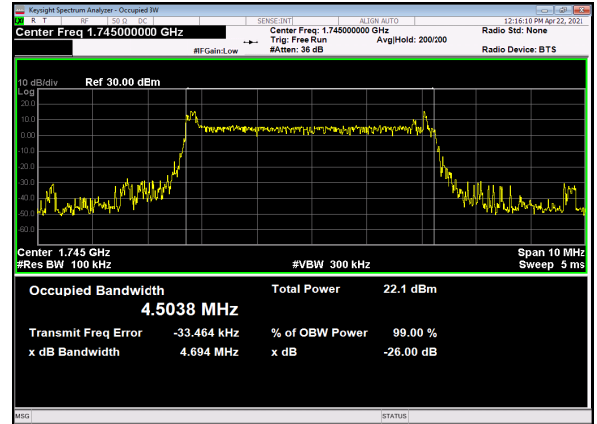




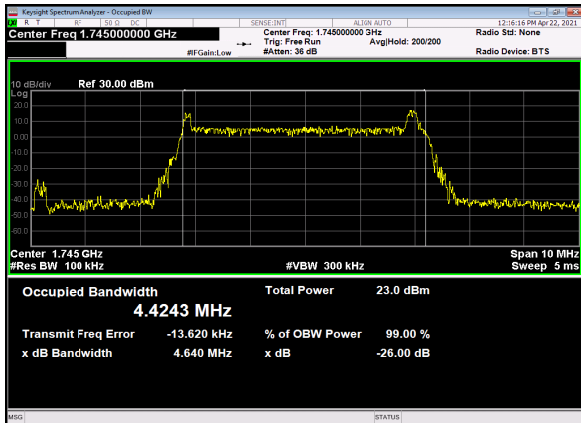
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K\_Outer\_Full\_Mid\_CH



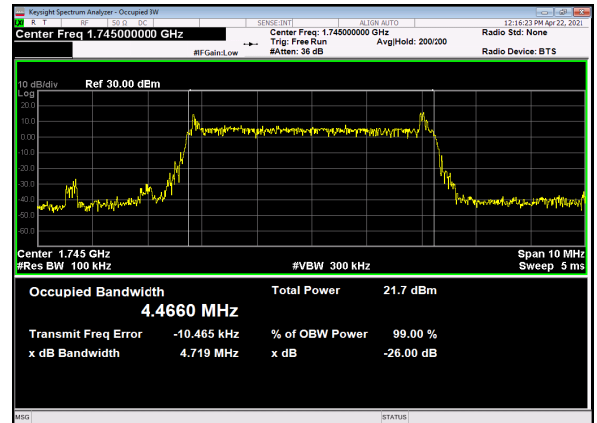
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SK\_Outer\_Full\_Mid\_CH



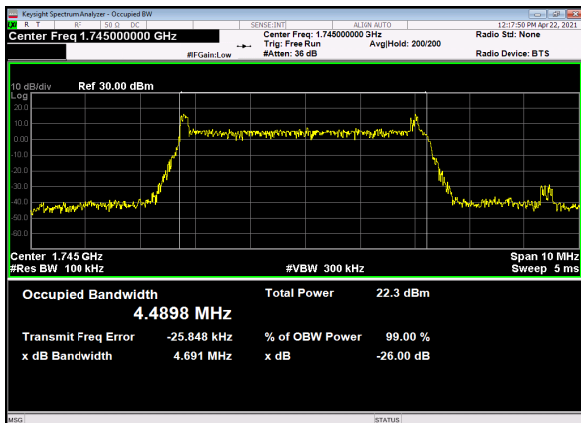
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QAM\_Outer\_Full\_Mid\_CH



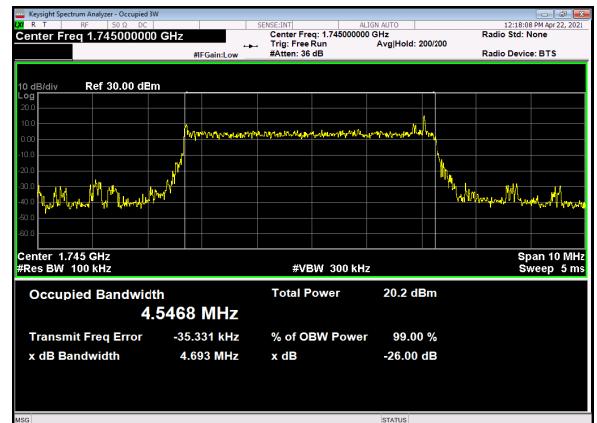
DC\_13A\_46A\_N66(5M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



DC\_13A\_46A\_N66(5M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

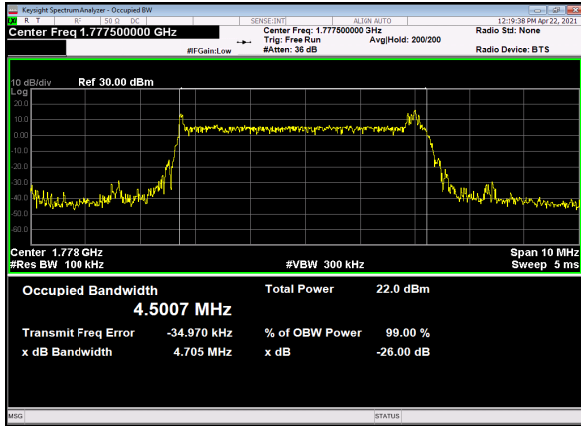


DC\_13A\_46A\_N66(5M)\_CP-OFDM\_QPSK\_  
Outer\_Full\_Mid\_CH

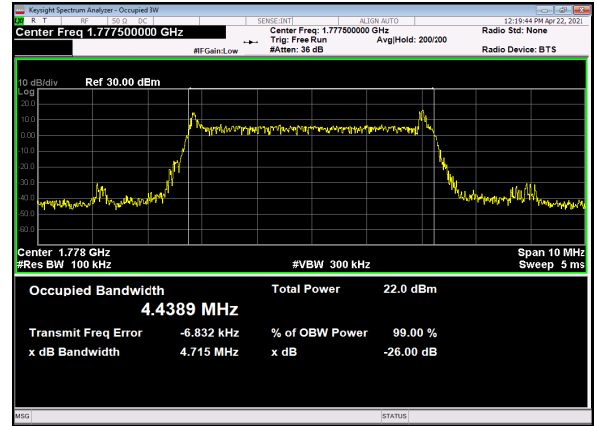




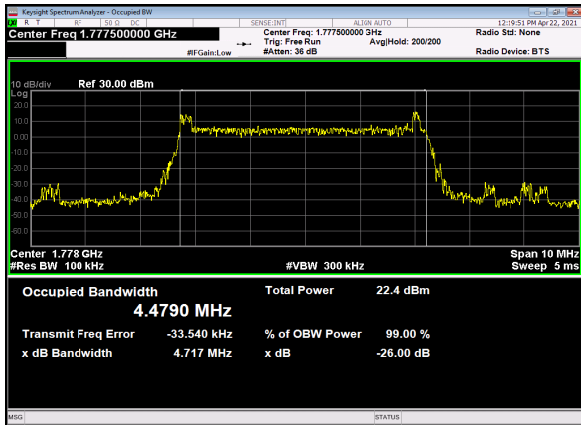
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K\_Outer\_Full\_High\_CH



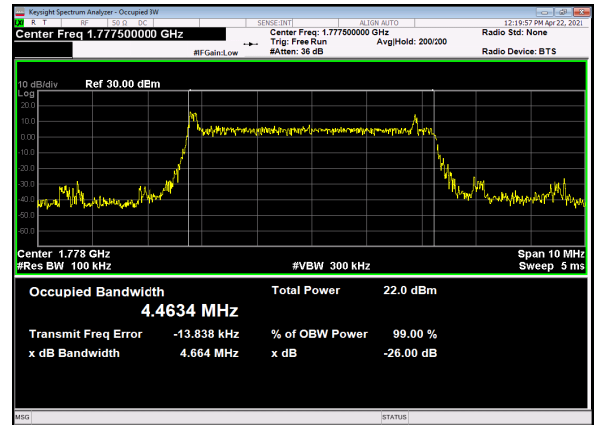
DC\_13A\_46A\_N66(5M)\_DFT-s-OFDM\_QP  
SK\_Outer\_Full\_High\_CH



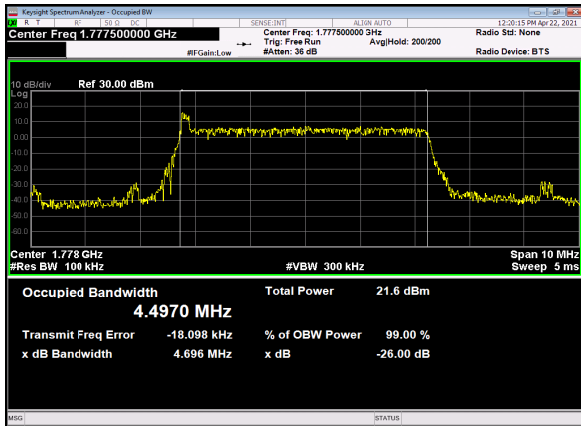
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QAM\_Outer\_Full\_High\_CH



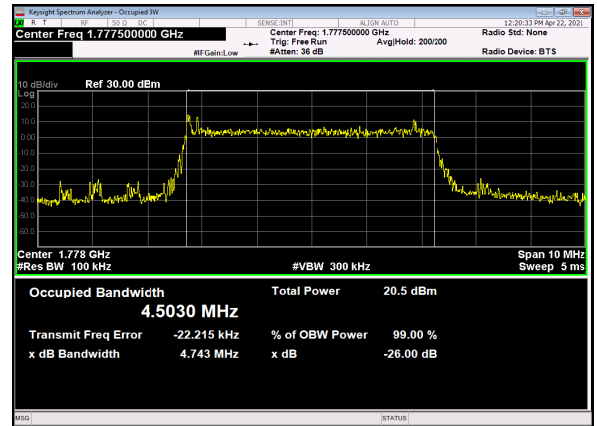
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QAM\_Outer\_Full\_High\_CH



DC\_13A\_46A\_N66(5M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_High\_CH

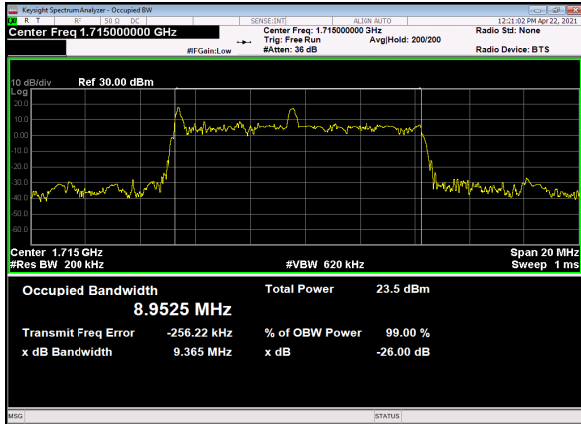


DC\_13A\_46A\_N66(5M)\_CP-OFDM\_QPSK\_  
Outer\_Full\_High\_CH

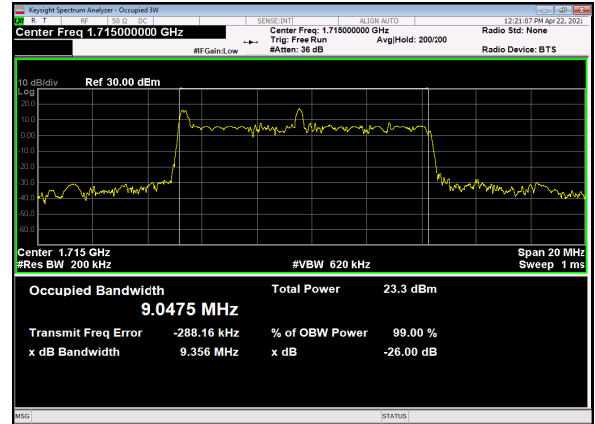




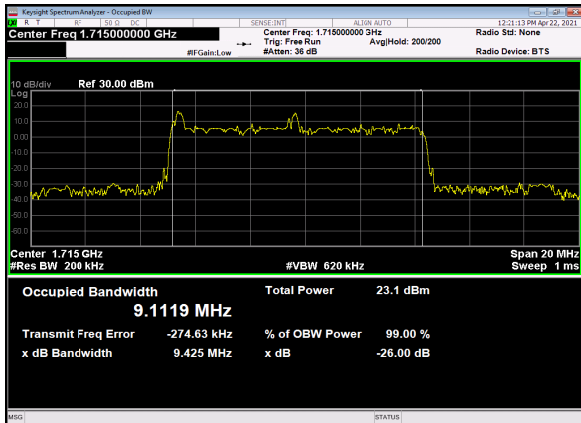
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K\_Outer\_Full\_Low\_CH



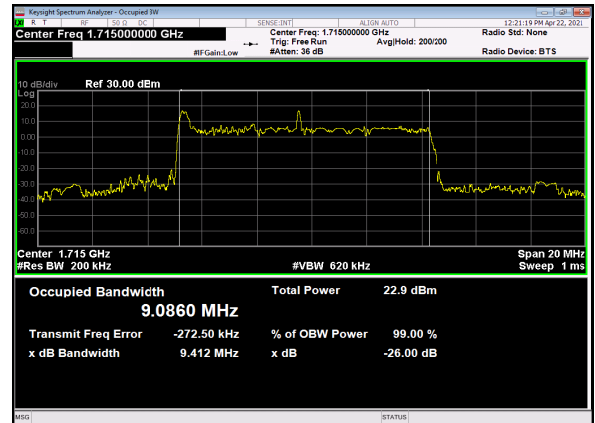
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SK\_Outer\_Full\_Low\_CH



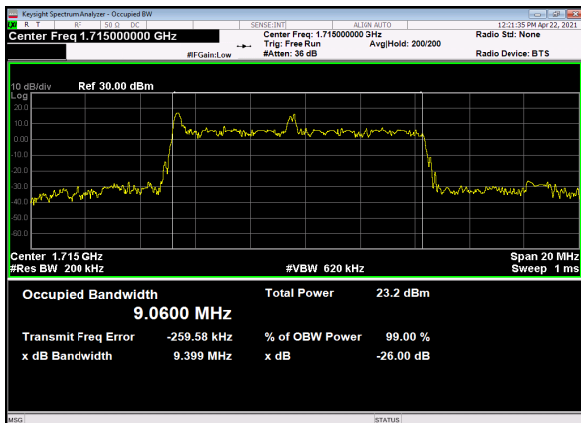
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QAM\_Outer\_Full\_Low\_CH



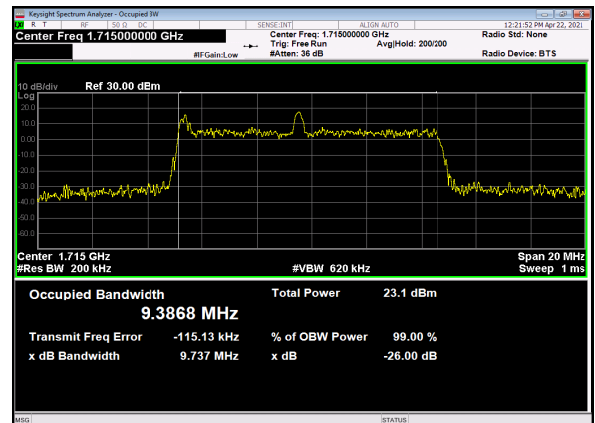
DC\_13A\_46A\_N66(10M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_Low\_CH



DC\_13A\_46A\_N66(10M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_Low\_CH

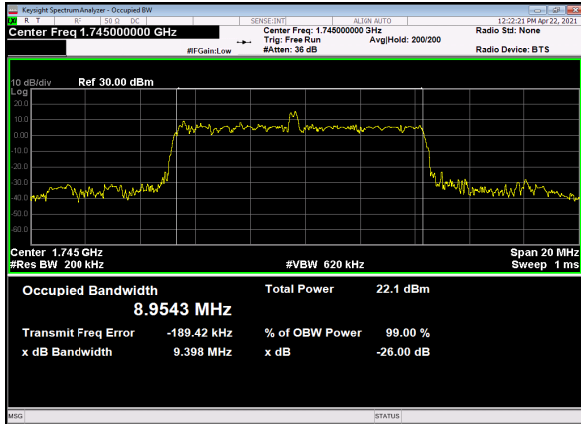


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\_Outer\_Full\_Low\_CH

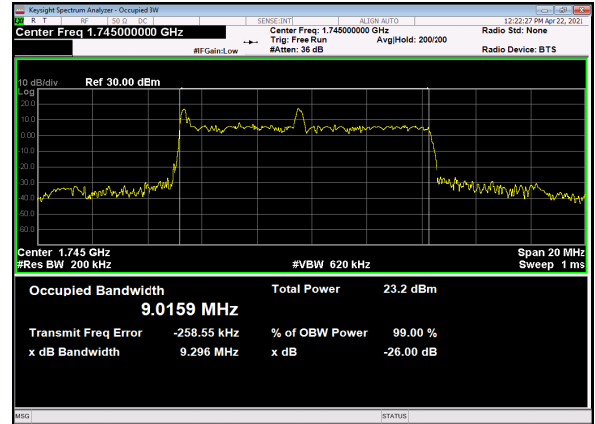




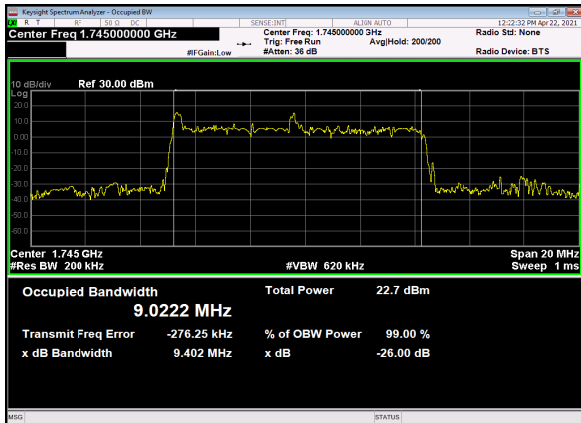
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K\_Outer\_Full\_Mid\_CH



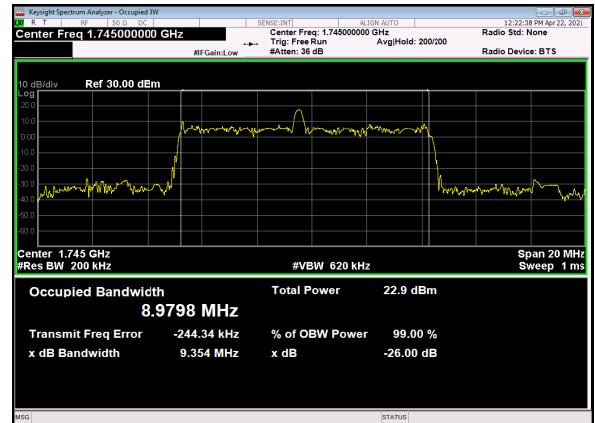
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SK\_Outer\_Full\_Mid\_CH



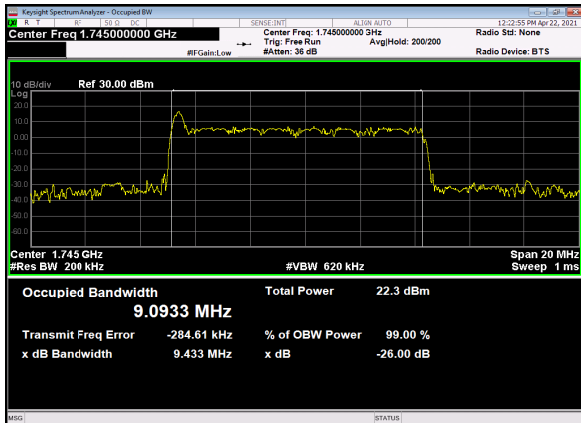
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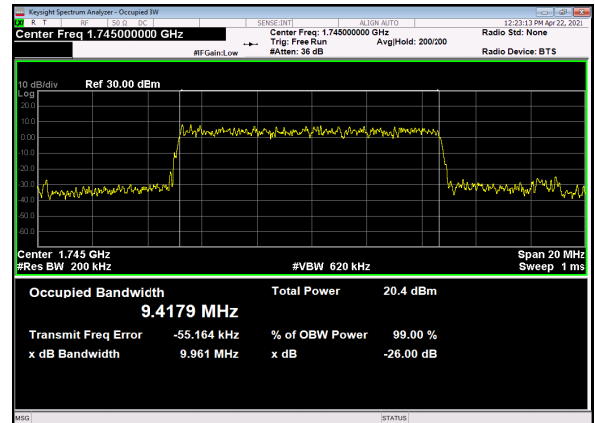
DC\_13A\_46A\_N66(10M)\_DFT-s-OFDM\_64  
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DC\_13A\_46A\_N66(10M)\_DFT-s-OFDM\_256  
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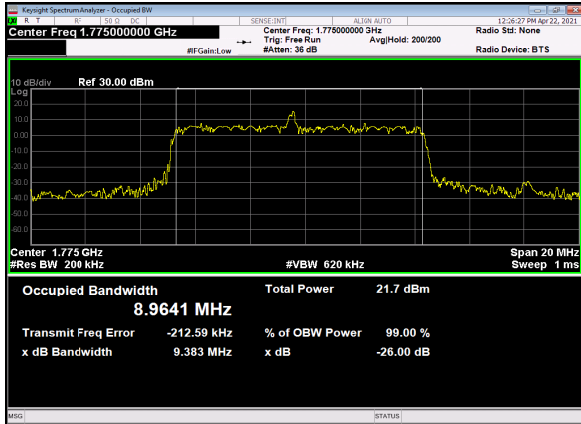


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\_Outer\_Full\_Mid\_CH

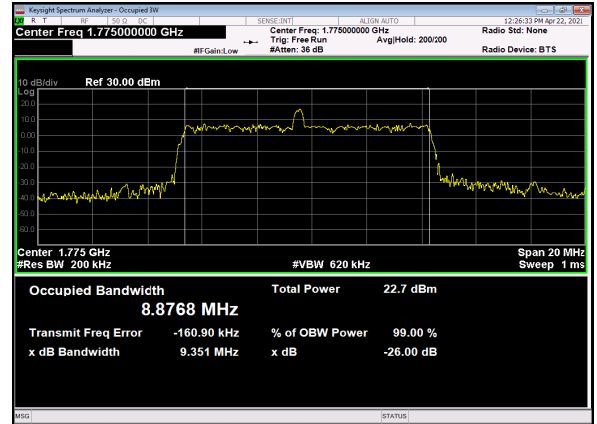




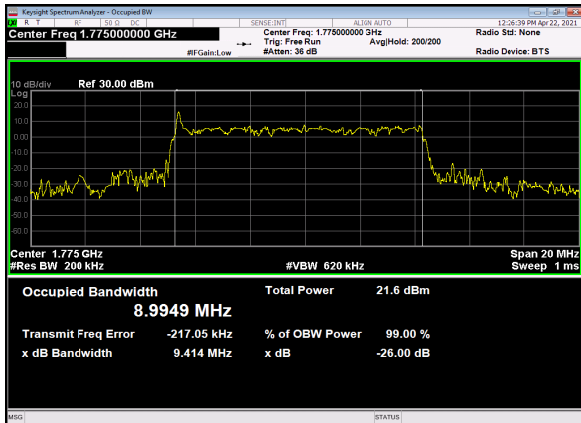
DC\_13A\_46A\_N66(10M)\_DFT-s-OFDM\_PI\_2-BPS  
K\_Outer\_Full\_High\_CH



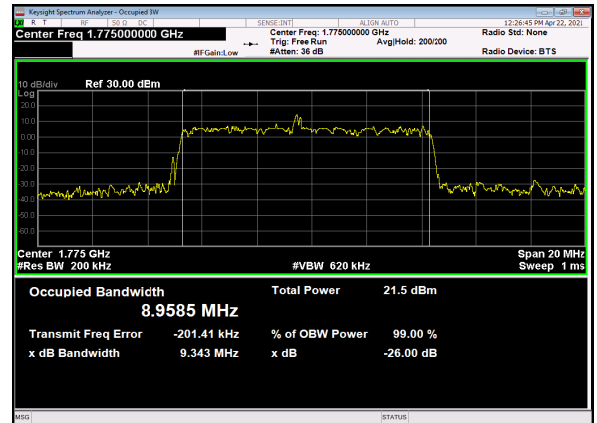
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SK\_Outer\_Full\_High\_CH



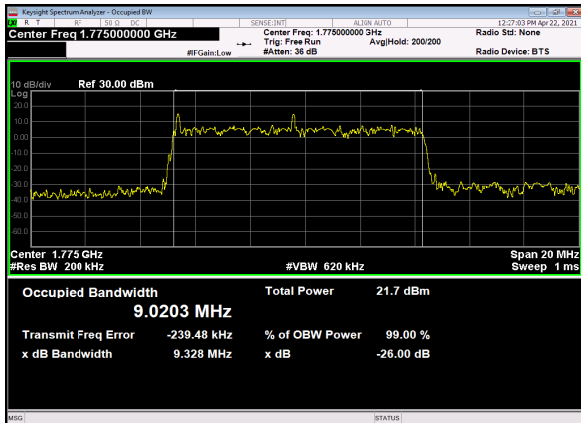
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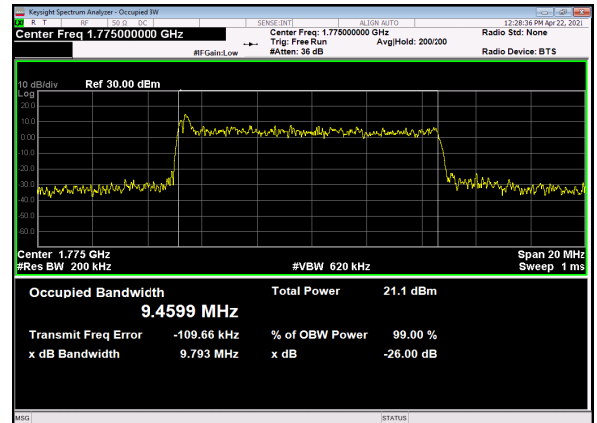
DC\_13A\_46A\_N66(10M)\_DFT-s-OFDM\_64  
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DC\_13A\_46A\_N66(10M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_High\_CH

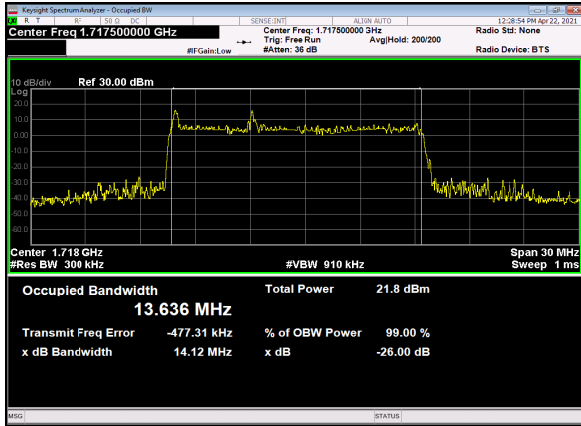


DC\_13A\_46A\_N66(10M)\_CP-OFDM\_QPSK  
\_Outer\_Full\_High\_CH

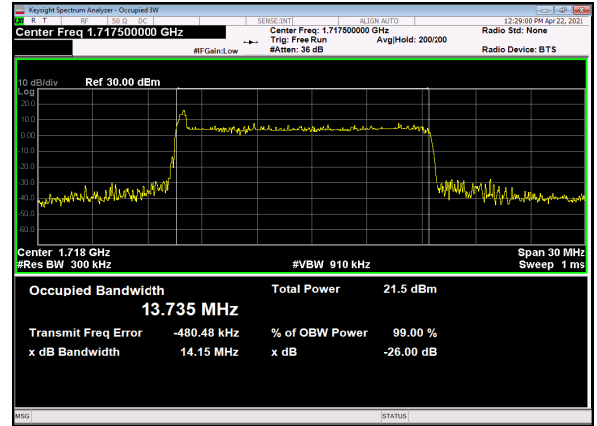




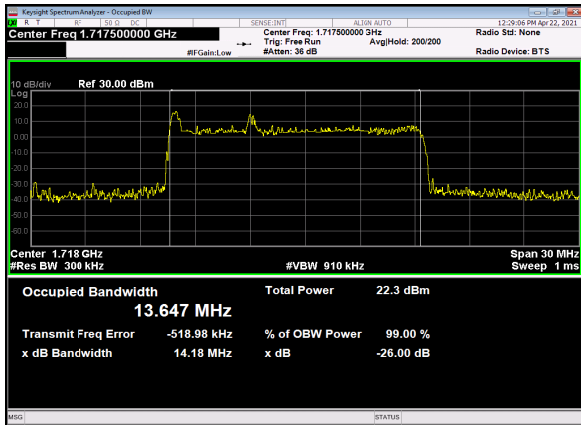
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K\_Outer\_Full\_Low\_CH



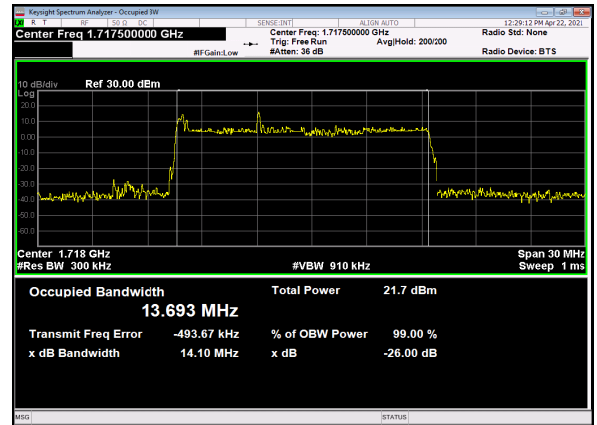
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SK\_Outer\_Full\_Low\_CH



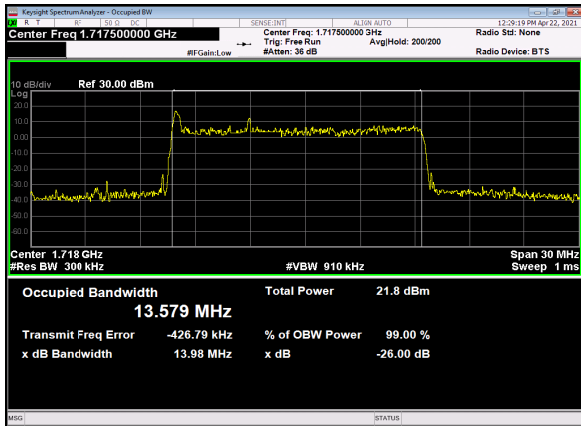
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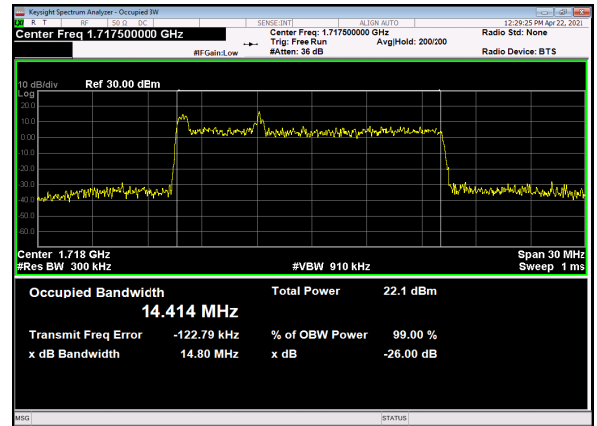
DC\_13A\_46A\_N66(15M)\_DFT-s-OFDM\_64  
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DC\_13A\_46A\_N66(15M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_Low\_CH

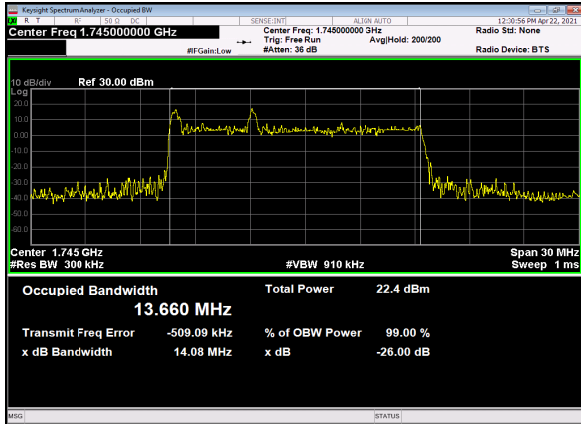


DC\_13A\_46A\_N66(15M)\_CP-OFDM\_QPSK  
\_Outer\_Full\_Low\_CH

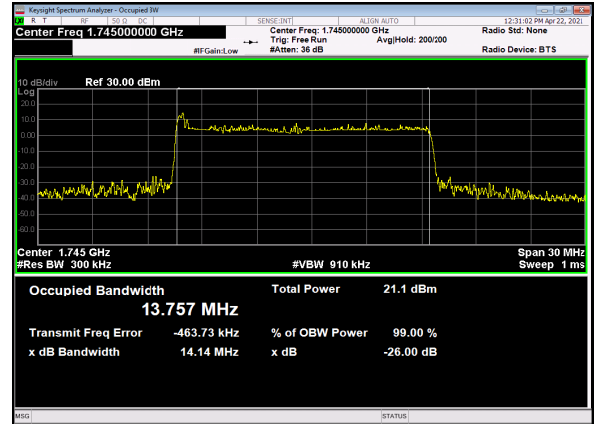




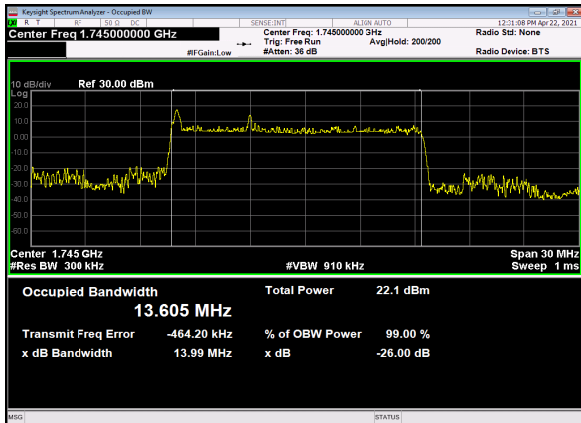
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K\_Outer\_Full\_Mid\_CH



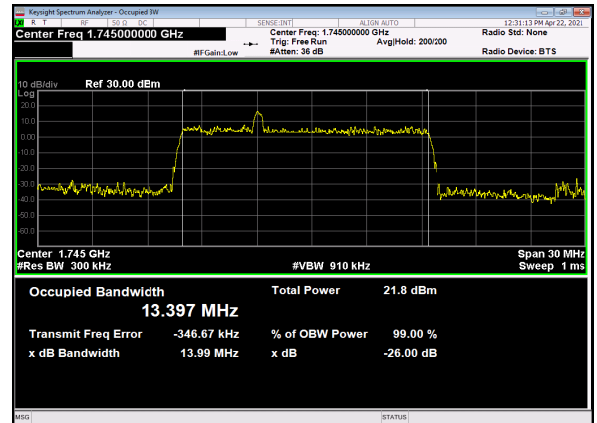
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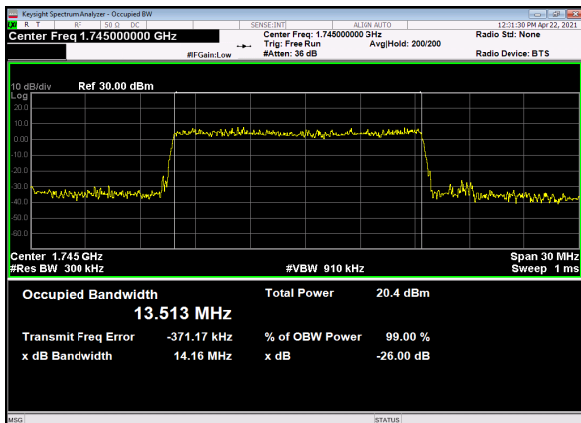
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QAM\_Outer\_Full\_Mid\_CH



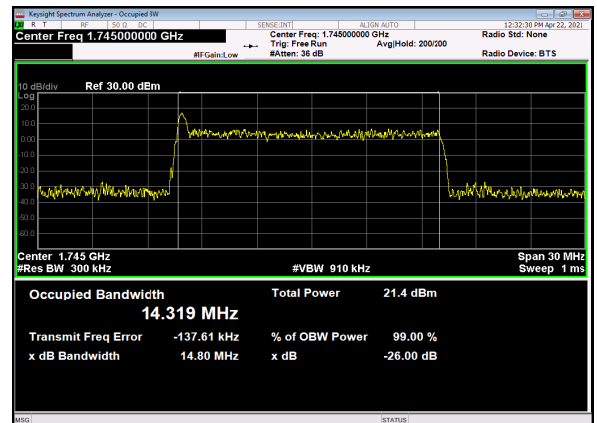
DC\_13A\_46A\_N66(15M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



DC\_13A\_46A\_N66(15M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



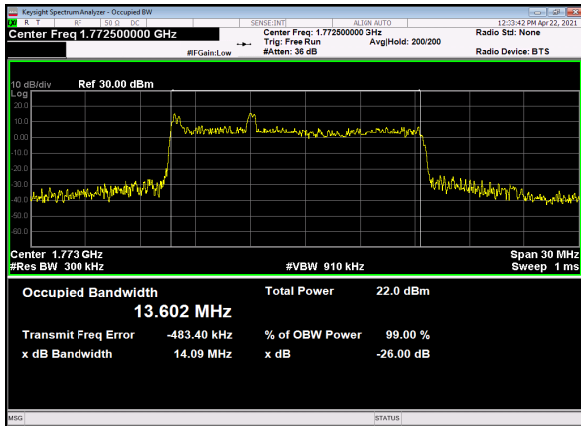
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\_Outer\_Full\_Mid\_CH



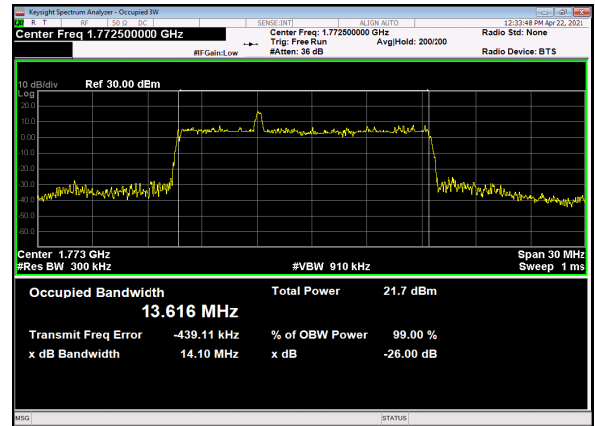




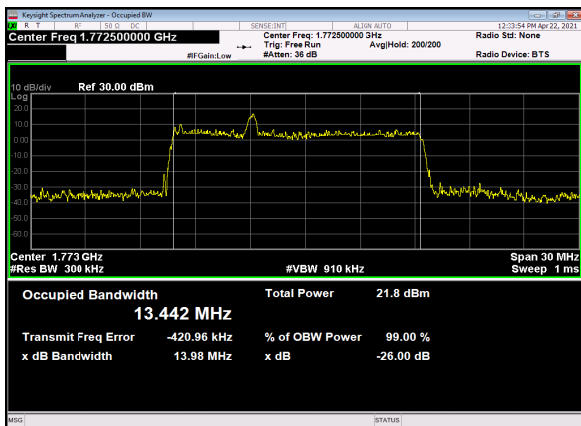
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K\_Outer\_Full\_High\_CH



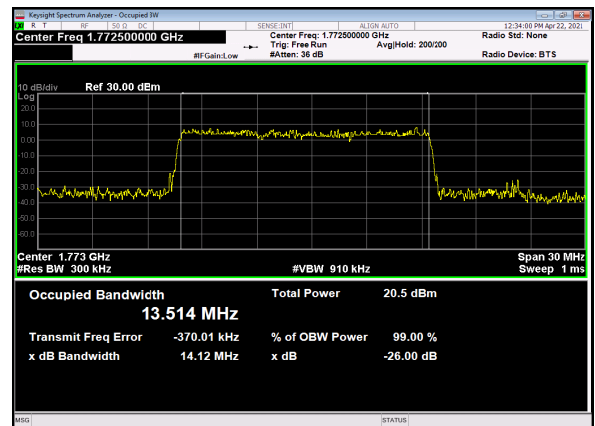
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SK\_Outer\_Full\_High\_CH



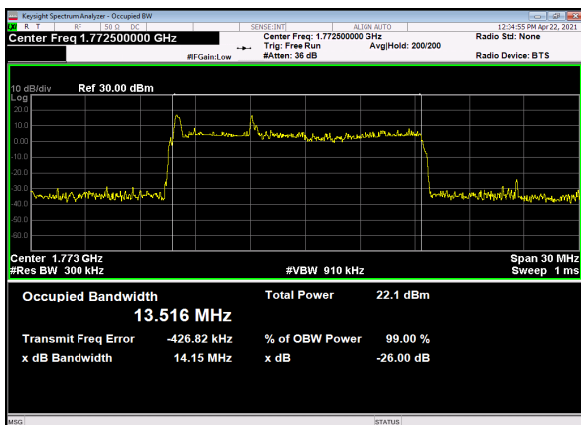
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QAM\_Outer\_Full\_High\_CH



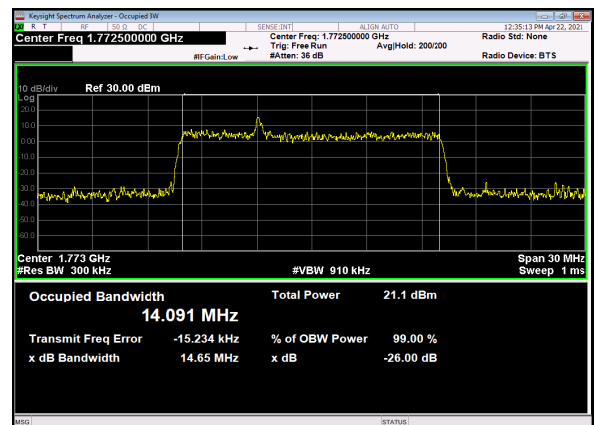
DC\_13A\_46A\_N66(15M)\_DFT-s-OFDM\_64  
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DC\_13A\_46A\_N66(15M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_High\_CH



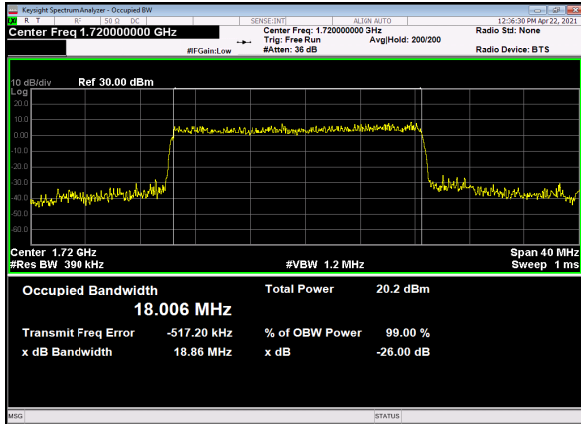
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\_Outer\_Full\_High\_CH



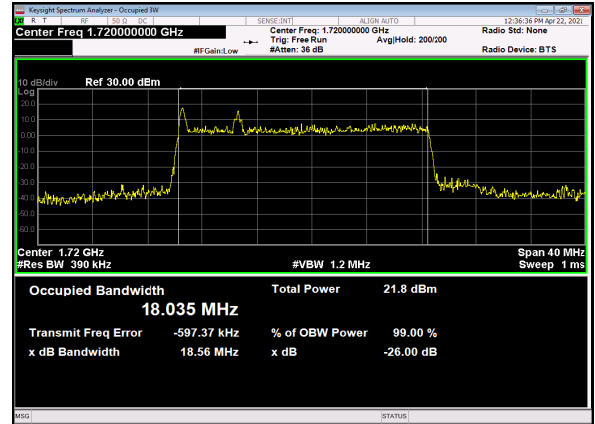




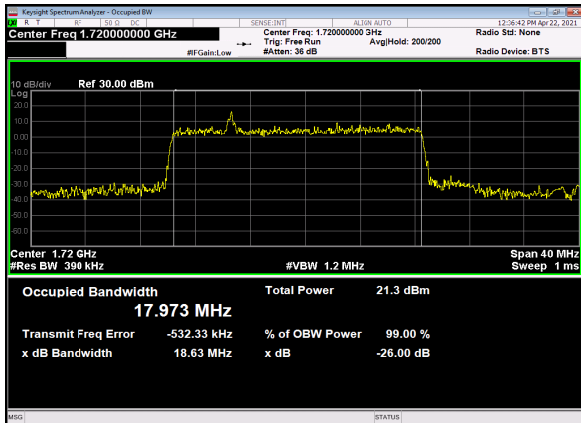
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K\_Outer\_Full\_Low\_CH



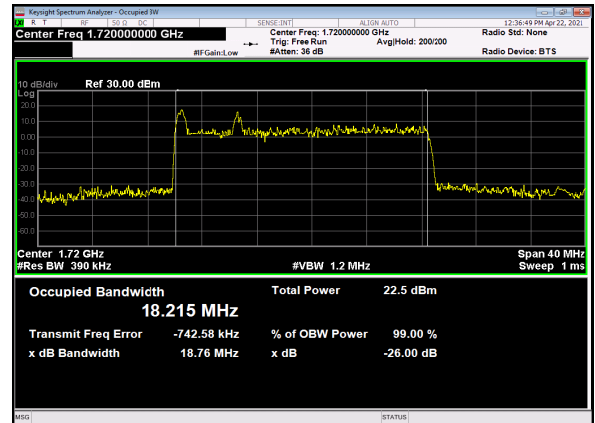
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SK\_Outer\_Full\_Low\_CH



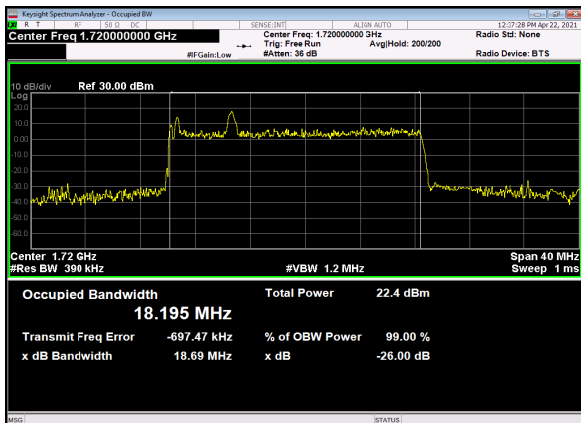
DC\_13A\_46A\_N66(20M)\_DFT-s-OFDM\_16  
QAM\_Outer\_Full\_Low\_CH



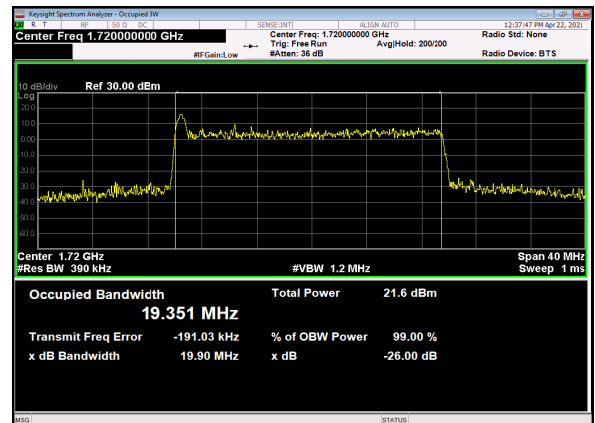
DC\_13A\_46A\_N66(20M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_Low\_CH



DC\_13A\_46A\_N66(20M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_Low\_CH

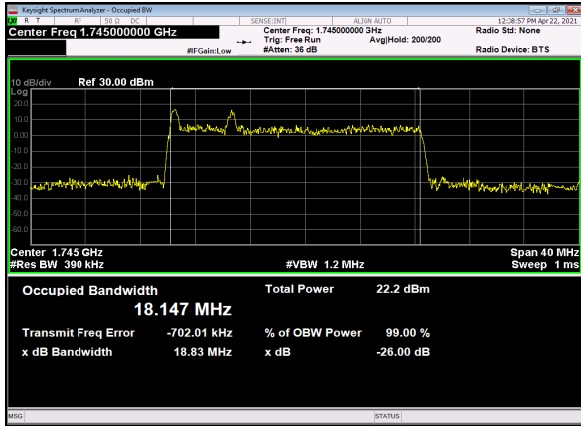


DC\_13A\_46A\_N66(20M)\_CP-OFDM\_QPSK  
\_Outer\_Full\_Low\_CH

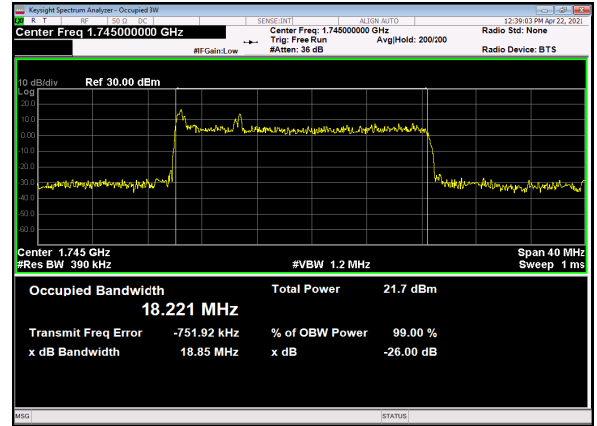




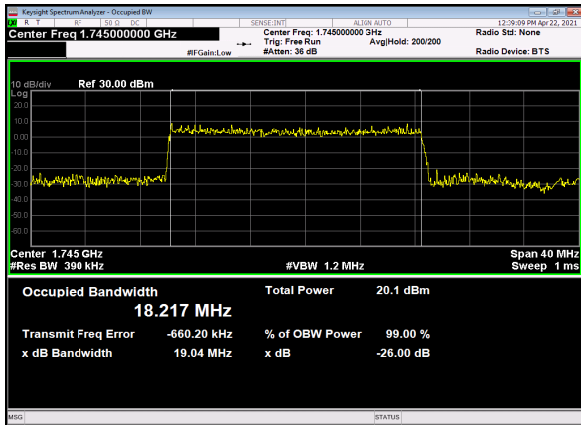
DC\_13A\_46A\_N66(20M)\_DFT-s-OFDM\_PI\_2-BPS  
K\_Outer\_Full\_Mid\_CH



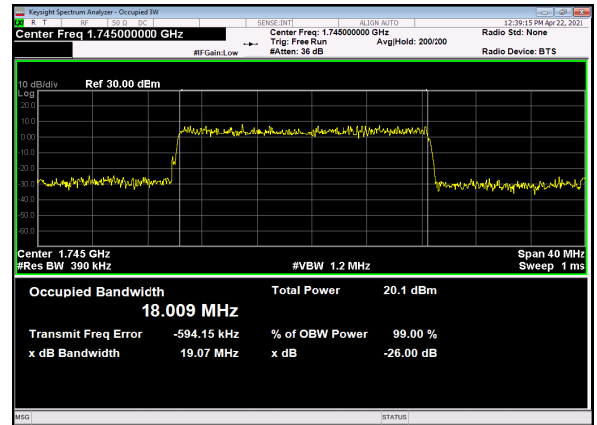
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SK\_Outer\_Full\_Mid\_CH



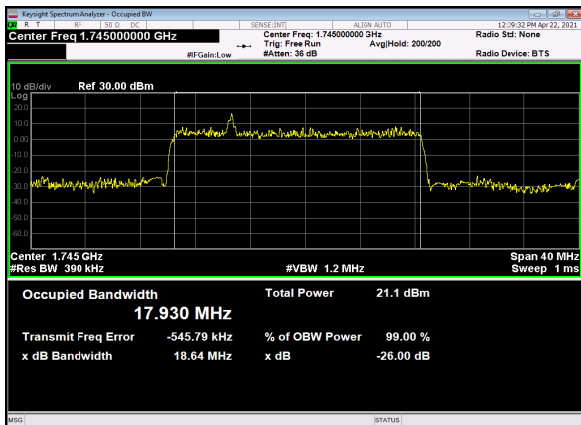
DC\_13A\_46A\_N66(20M)\_DFT-s-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



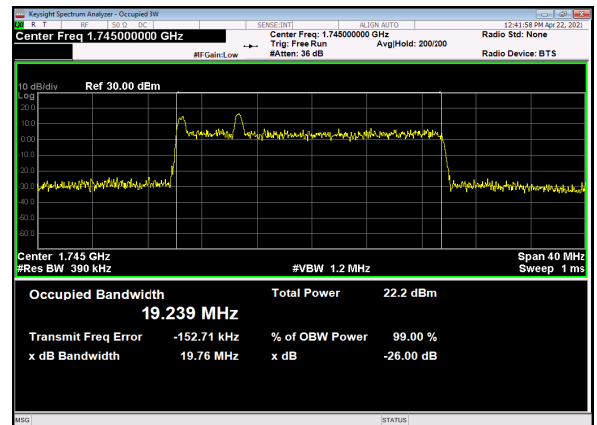
DC\_13A\_46A\_N66(20M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



DC\_13A\_46A\_N66(20M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

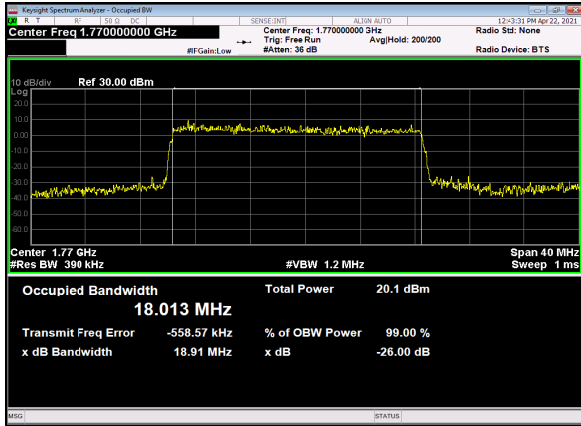


DC\_13A\_46A\_N66(20M)\_CP-OFDM\_QPSK  
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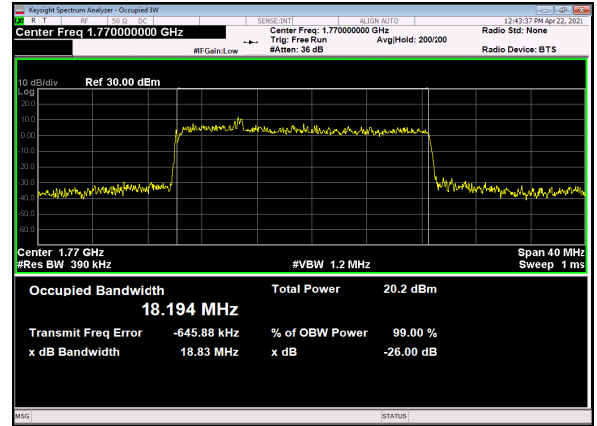




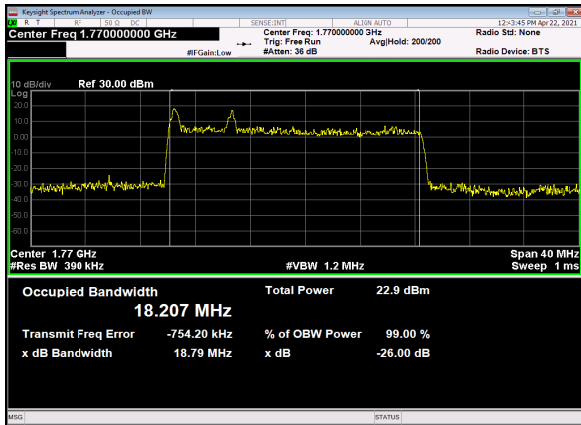
DC\_13A\_46A\_N66(20M)\_DFT-s-OFDM\_PI\_2-BPS  
K\_Outer\_Full\_High\_CH



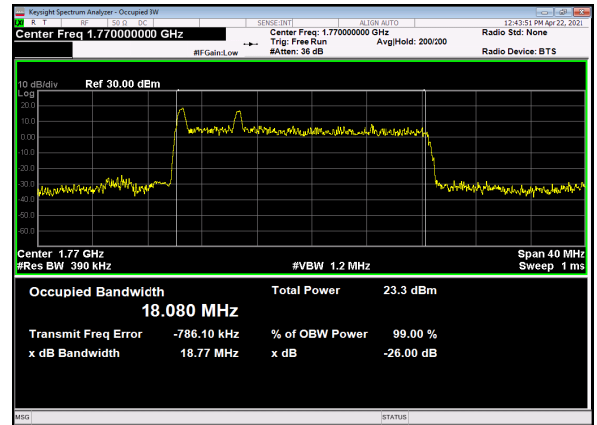
DC\_13A\_46A\_N66(20M)\_DFT-s-OFDM\_QP  
SK\_Outer\_Full\_High\_CH



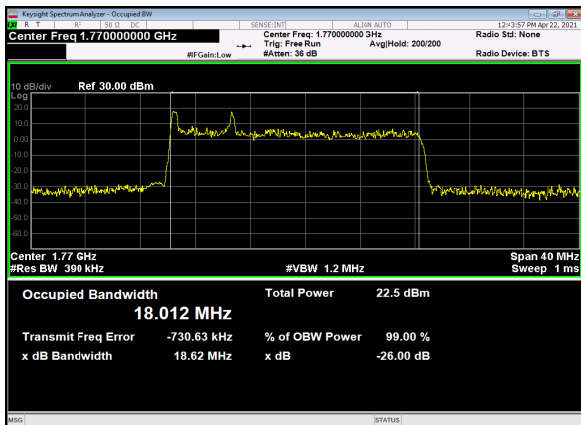
DC\_13A\_46A\_N66(20M)\_DFT-s-OFDM\_16  
QAM\_Outer\_Full\_High\_CH



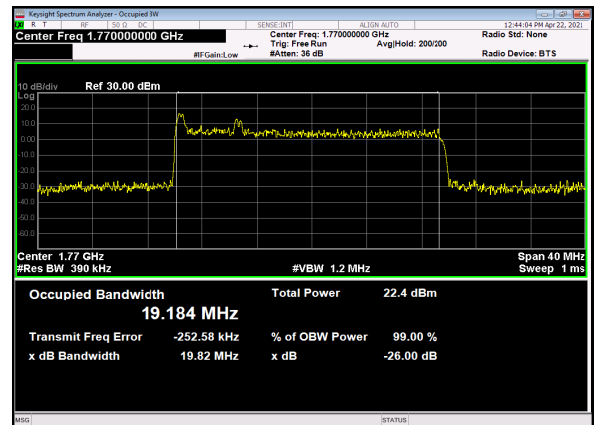
DC\_13A\_46A\_N66(20M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_High\_CH



DC\_13A\_46A\_N66(20M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_High\_CH

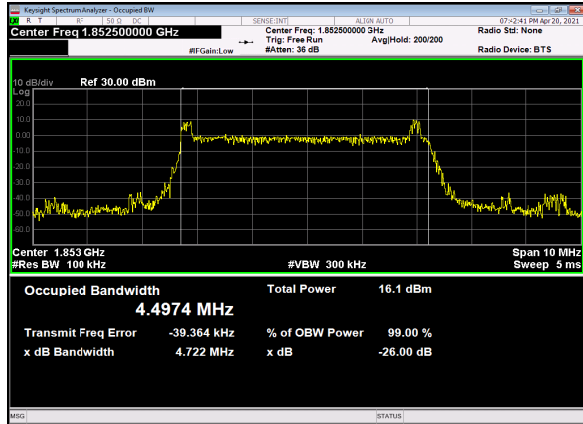


DC\_13A\_46A\_N66(20M)\_CP-OFDM\_QPSK  
\_Outer\_Full\_High\_CH

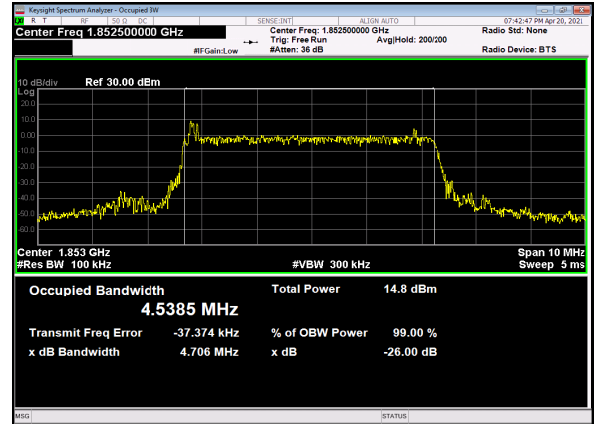




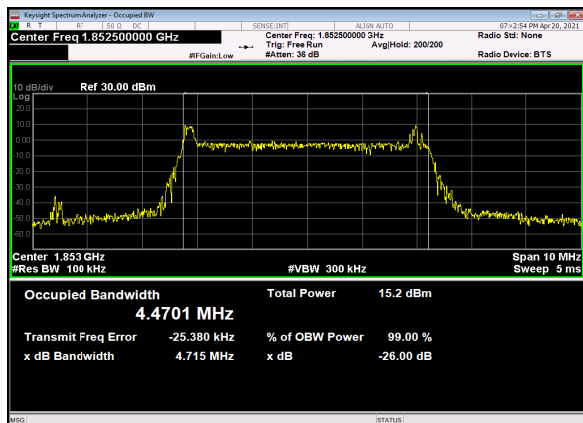
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\_Outer\_Full\_Low\_CH



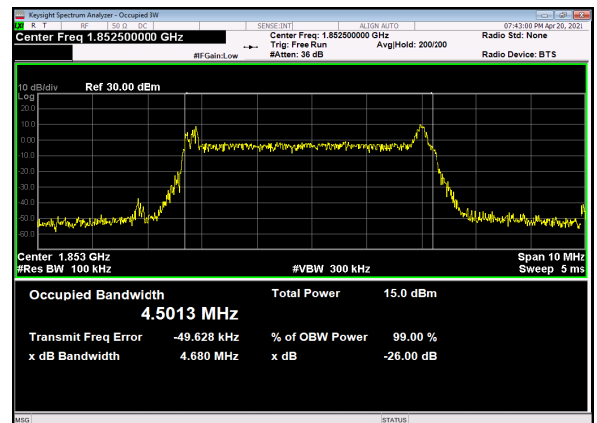
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K\_Outer\_Full\_Low\_CH



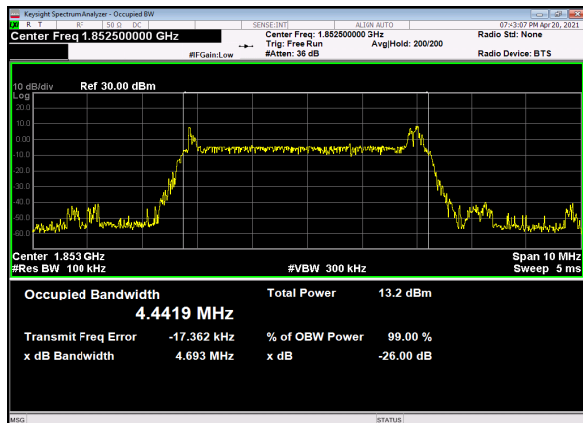
DC\_13A\_66A\_N2(5M)\_DFT-s-OFDM\_16  
QAM\_Outer\_Full\_Low\_CH



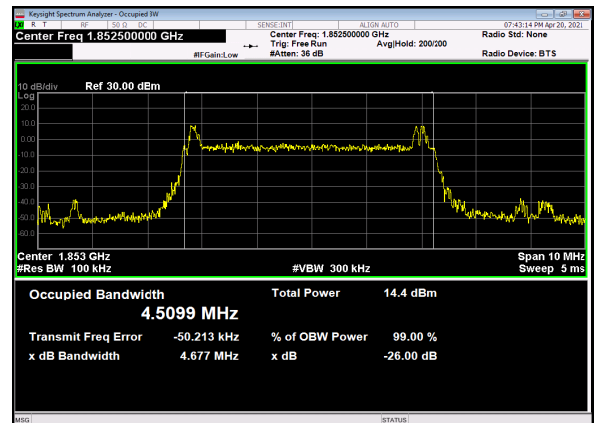
DC\_13A\_66A\_N2(5M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_Low\_CH



DC\_13A\_66A\_N2(5M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_Low\_CH

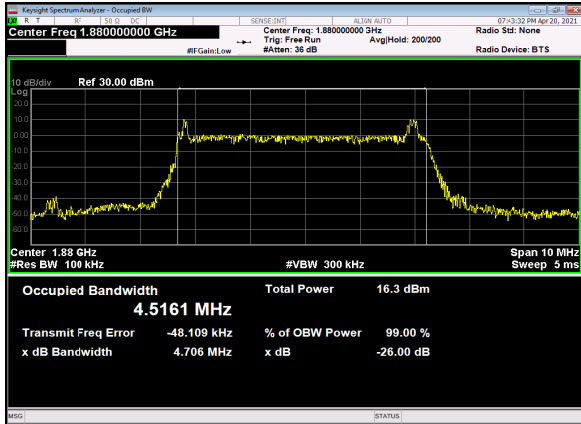


DC\_13A\_66A\_N2(5M)\_CP-OFDM\_QPSK\_  
Outer\_Full\_Low\_CH

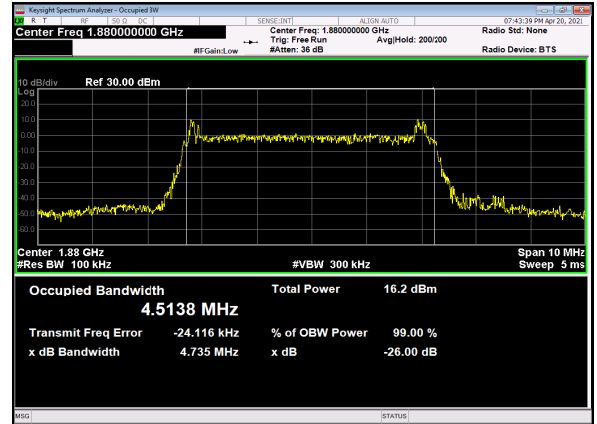




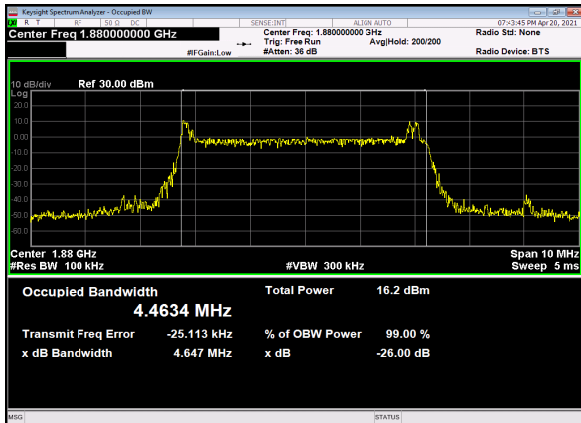
DC\_13A\_66A\_N2(5M)\_DFT-s-OFDM\_PI\_2-BPSK  
\_Outer\_Full\_Mid\_CH



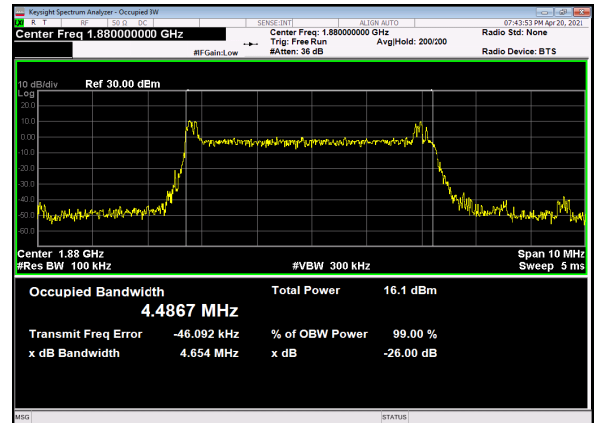
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K\_Outer\_Full\_Mid\_CH



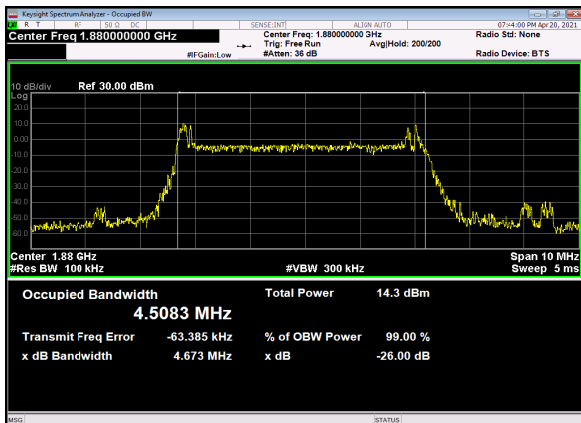
DC\_13A\_66A\_N2(5M)\_DFT-s-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



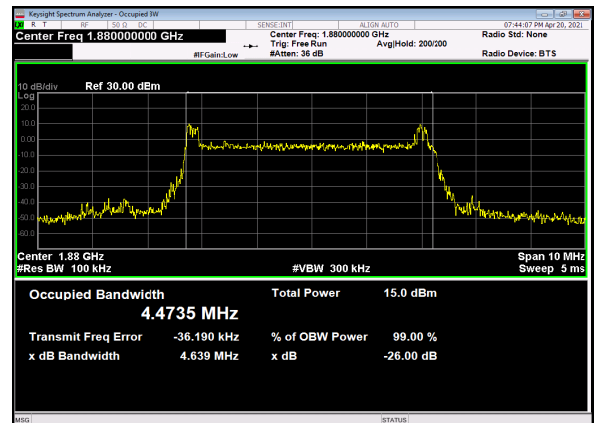
DC\_13A\_66A\_N2(5M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



DC\_13A\_66A\_N2(5M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

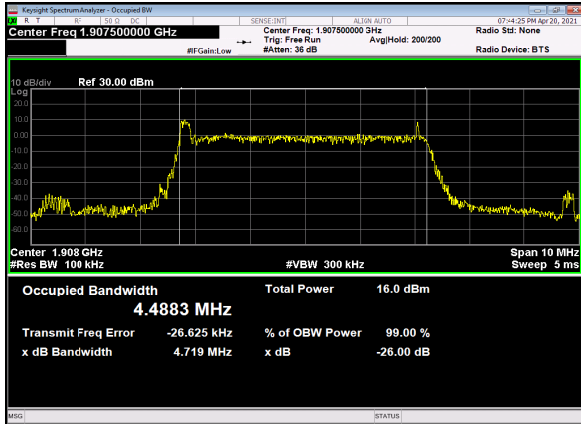


DC\_13A\_66A\_N2(5M)\_CP-OFDM\_QPSK\_  
Outer\_Full\_Mid\_CH

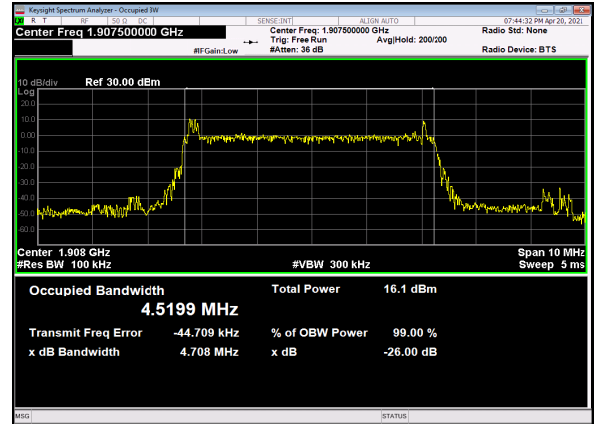




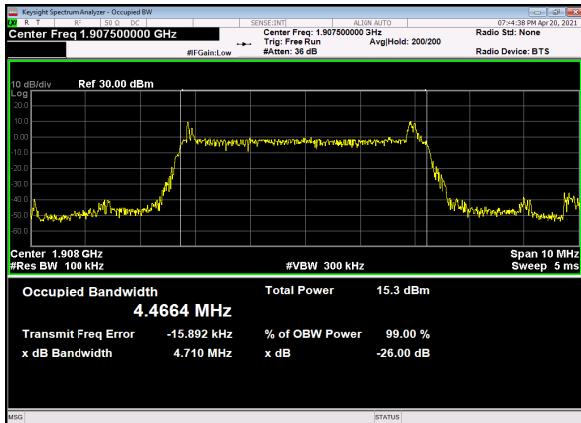
DC\_13A\_66A\_N2(5M)\_DFT-s-OFDM\_PI\_2-BPSK  
\_Outer\_Full\_High\_CH



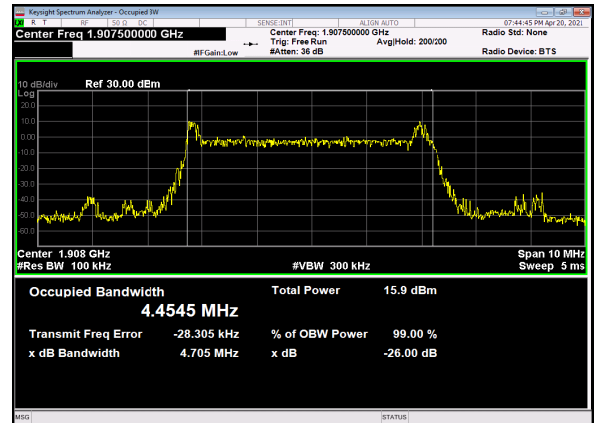
DC\_13A\_66A\_N2(5M)\_DFT-s-OFDM\_QPS  
K\_Outer\_Full\_High\_CH



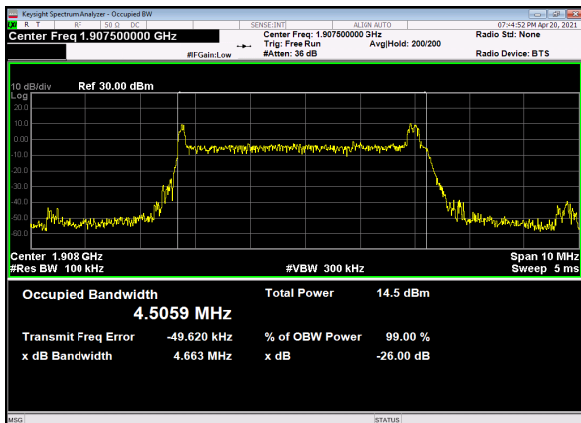
DC\_13A\_66A\_N2(5M)\_DFT-s-OFDM\_16  
QAM\_Outer\_Full\_High\_CH



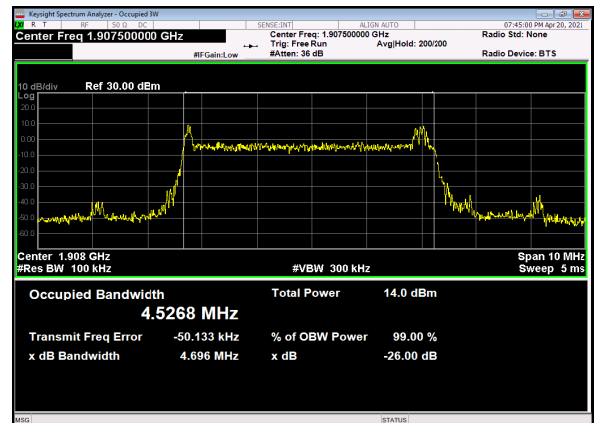
DC\_13A\_66A\_N2(5M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_High\_CH



DC\_13A\_66A\_N2(5M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_High\_CH

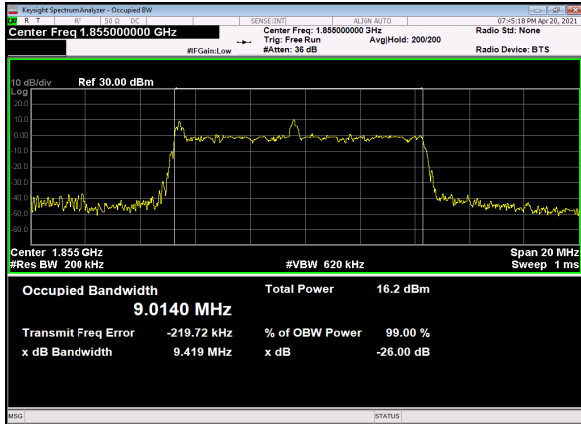


DC\_13A\_66A\_N2(5M)\_CP-OFDM\_QPSK\_  
Outer\_Full\_High\_CH

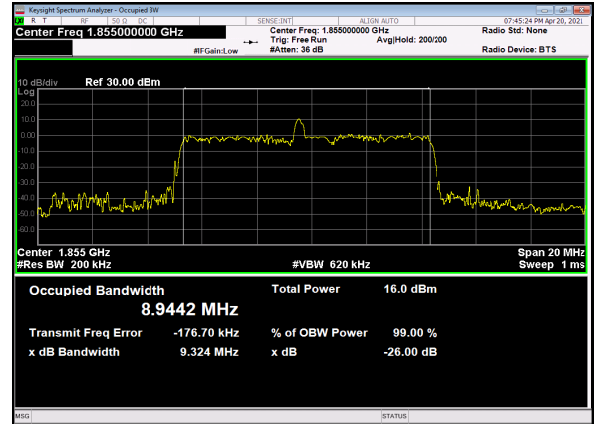




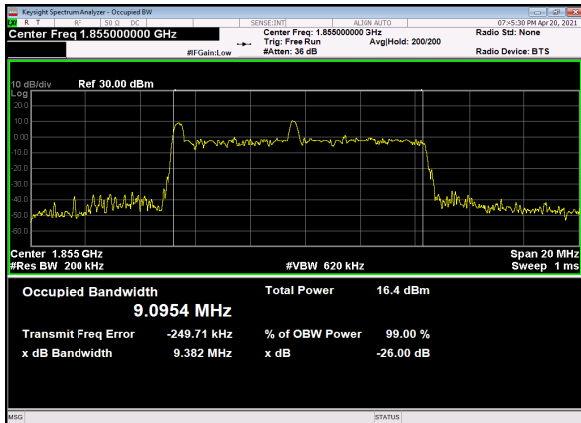
DC\_13A\_66A\_N2(10M)\_DFT-s-OFDM\_PI\_2-BPS  
K\_Outer\_Full\_Low\_CH



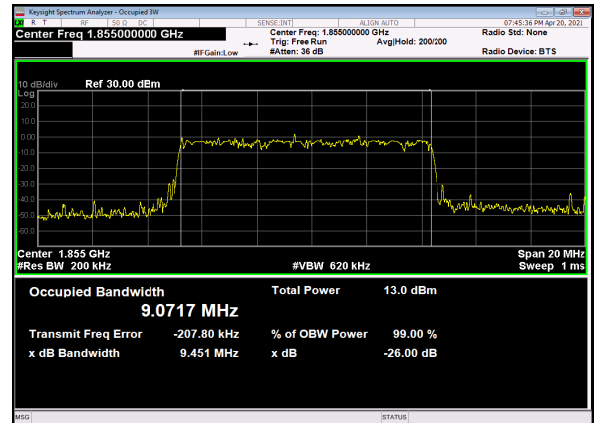
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SK\_Outer\_Full\_Low\_CH



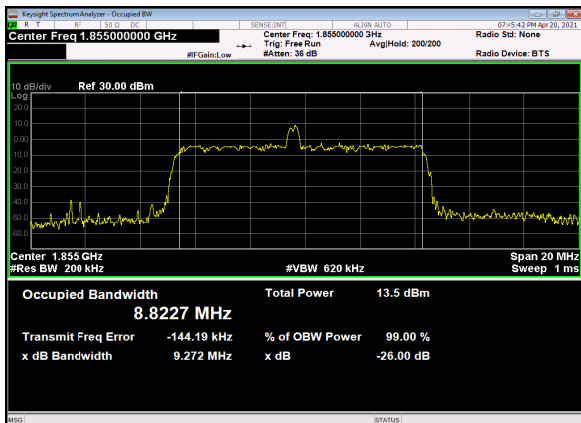
DC\_13A\_66A\_N2(10M)\_DFT-s-OFDM\_16  
QAM\_Outer\_Full\_Low\_CH



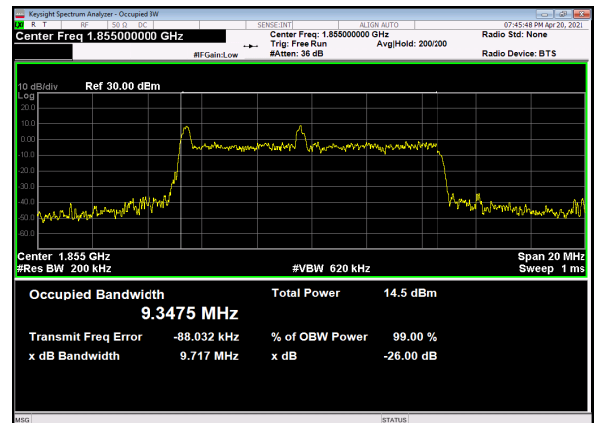
DC\_13A\_66A\_N2(10M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_Low\_CH



DC\_13A\_66A\_N2(10M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_Low\_CH



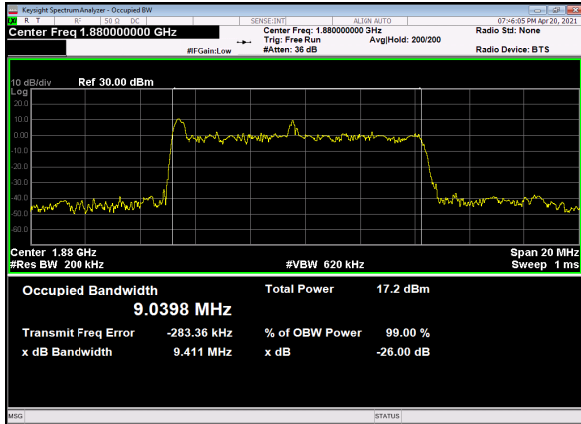
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Outer\_Full\_Low\_CH



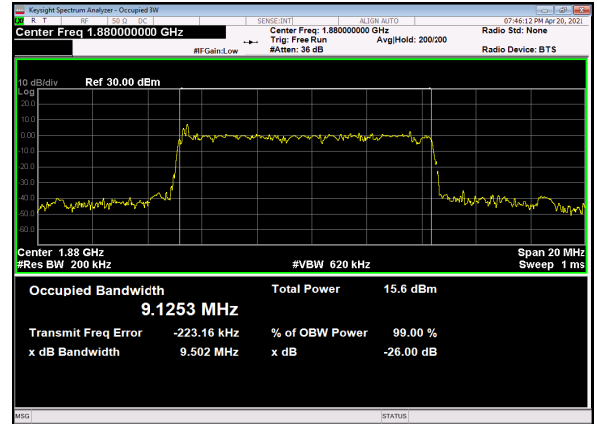




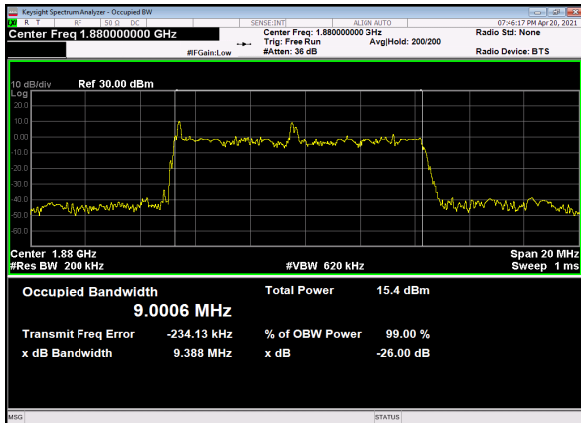
DC\_13A\_66A\_N2(10M)\_DFT-s-OFDM\_PI\_2-BPS  
K\_Outer\_Full\_Mid\_CH



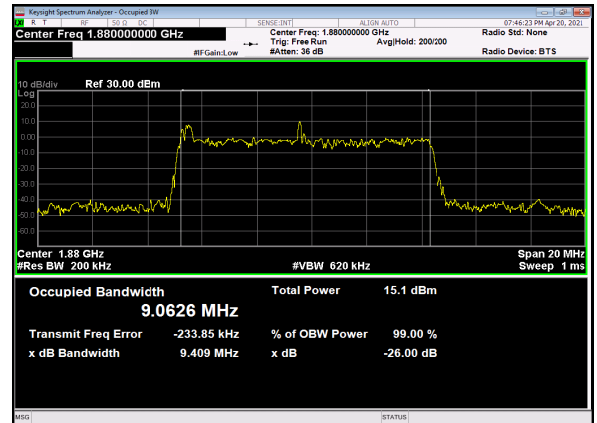
DC\_13A\_66A\_N2(10M)\_DFT-s-OFDM\_QP  
SK\_Outer\_Full\_Mid\_CH



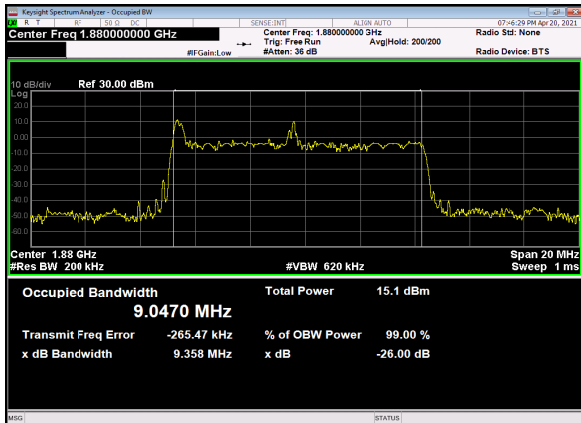
DC\_13A\_66A\_N2(10M)\_DFT-s-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



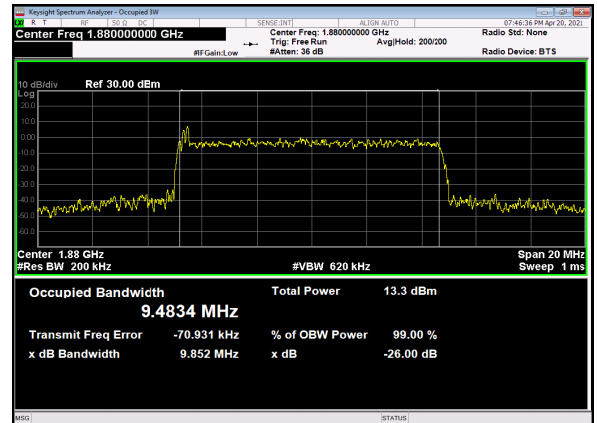
DC\_13A\_66A\_N2(10M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



DC\_13A\_66A\_N2(10M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH



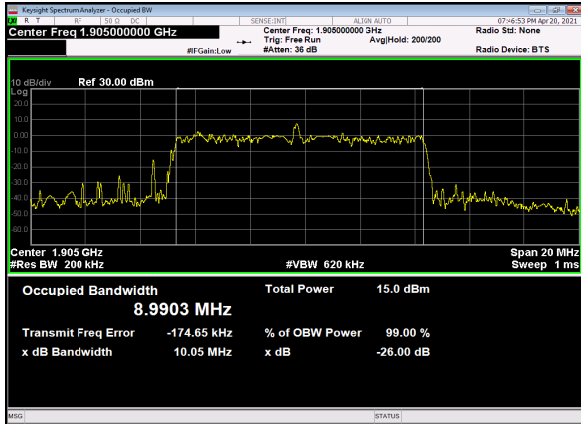
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Outer\_Full\_Mid\_CH



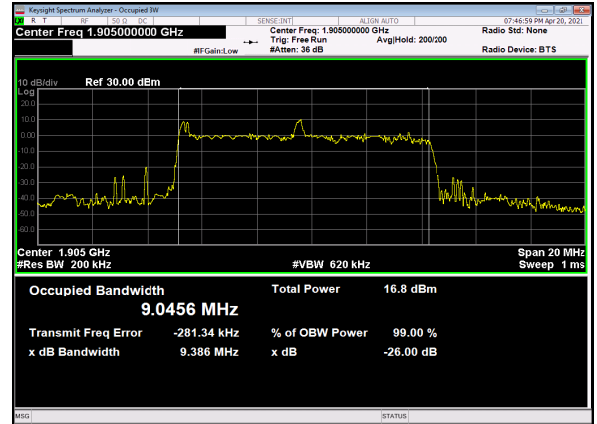




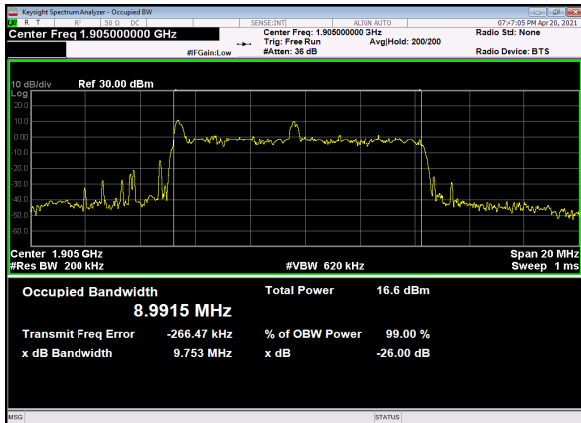
DC\_13A\_66A\_N2(10M)\_DFT-s-OFDM\_PI\_2-BPS  
K\_Outer\_Full\_High\_CH



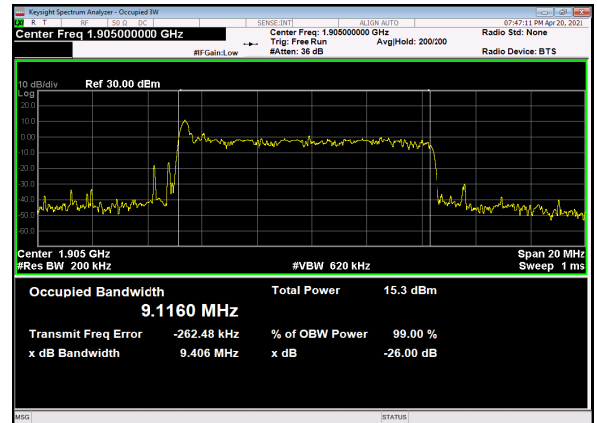
DC\_13A\_66A\_N2(10M)\_DFT-s-OFDM\_QP  
SK\_Outer\_Full\_High\_CH



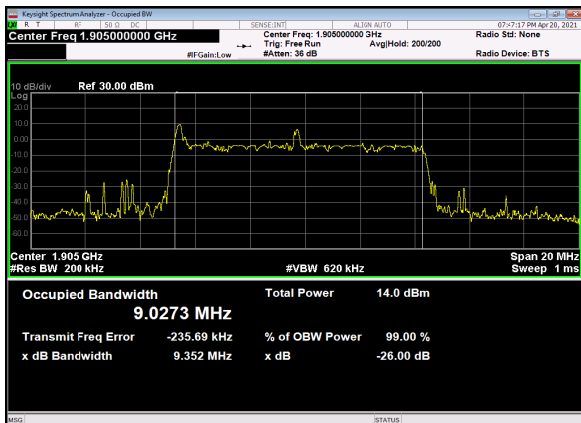
DC\_13A\_66A\_N2(10M)\_DFT-s-OFDM\_16  
QAM\_Outer\_Full\_High\_CH



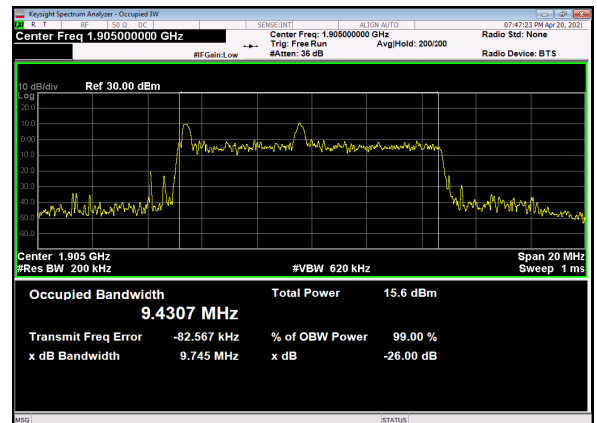
DC\_13A\_66A\_N2(10M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_High\_CH



DC\_13A\_66A\_N2(10M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_High\_CH

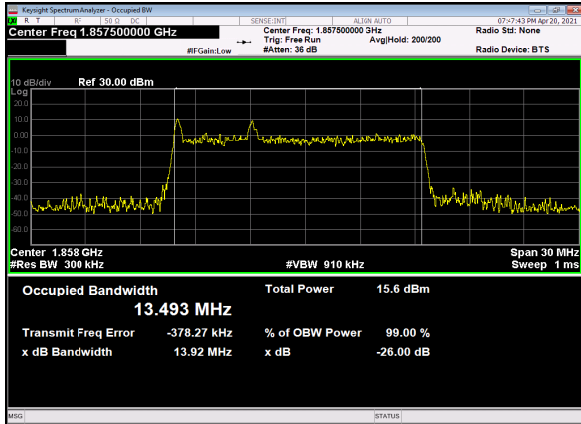


DC\_13A\_66A\_N2(10M)\_CP-OFDM\_QPSK\_  
Outer\_Full\_High\_CH

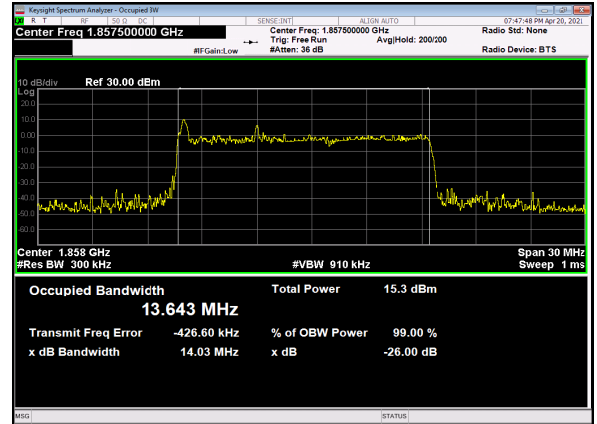




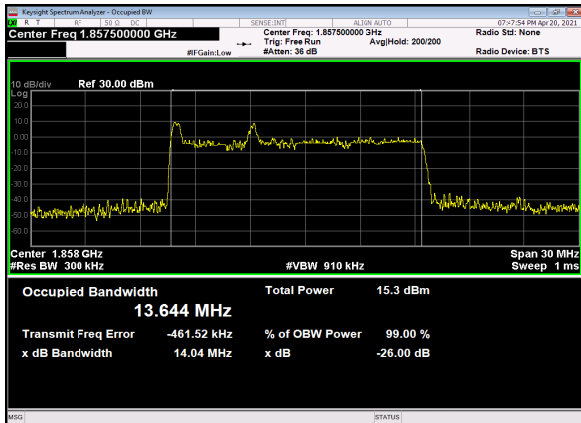
### DC\_13A\_66A\_N2(15M)\_DFT-s-OFDM\_PI\_2-BPS K\_Outer\_Full\_Low\_CH



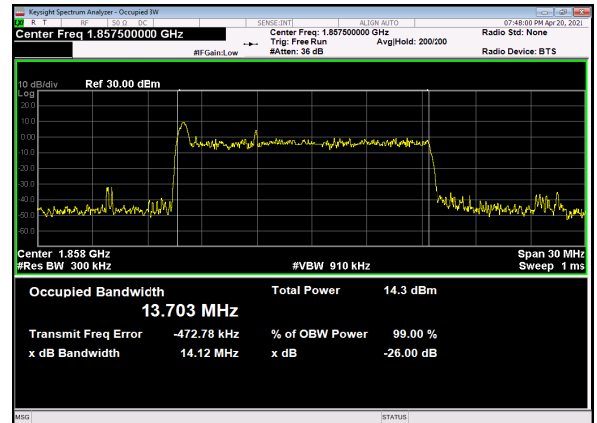
### DC\_13A\_66A\_N2(15M)\_DFT-s-OFDM\_QP SK\_Outer\_Full\_Low\_CH



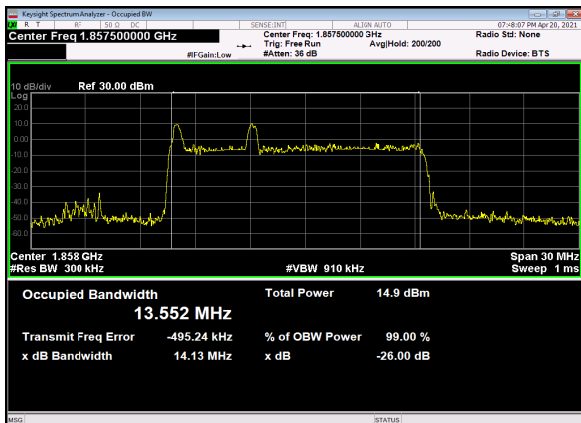
### DC\_13A\_66A\_N2(15M)\_DFT-s-OFDM\_16 QAM\_Outer\_Full\_Low\_CH



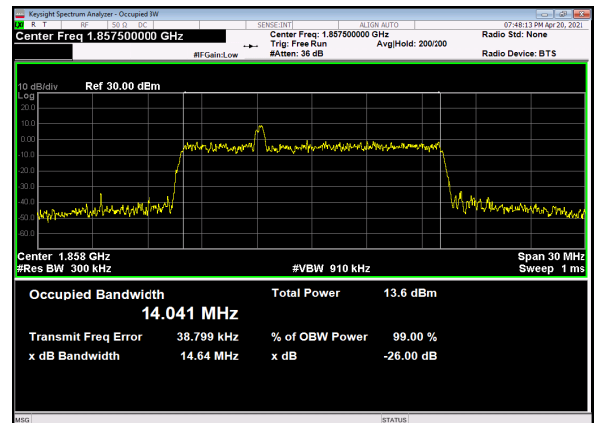
### DC\_13A\_66A\_N2(15M)\_DFT-s-OFDM\_64 QAM\_Outer\_Full\_Low\_CH



### DC\_13A\_66A\_N2(15M)\_DFT-s-OFDM\_256 QAM\_Outer\_Full\_Low\_CH

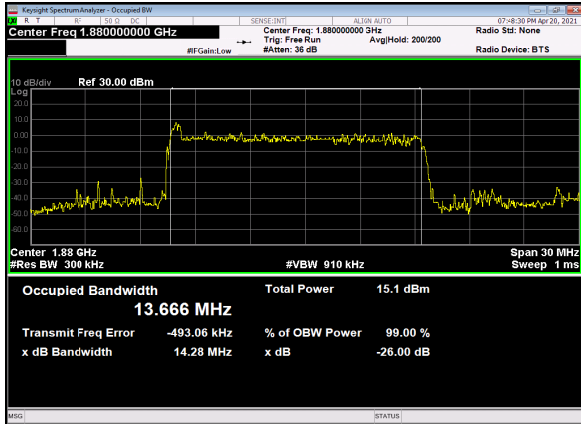


### DC\_13A\_66A\_N2(15M)\_CP-OFDM\_QPSK\_ Outer\_Full\_Low\_CH

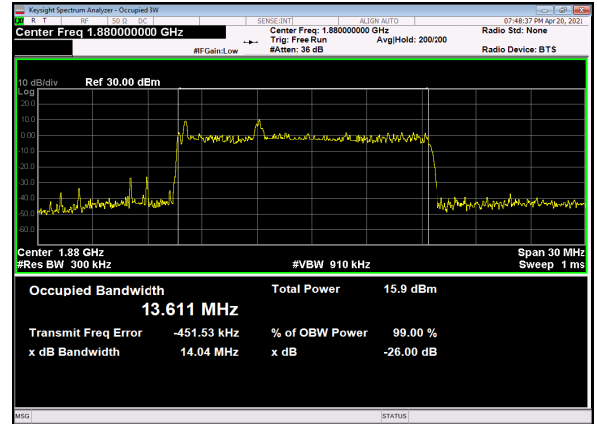




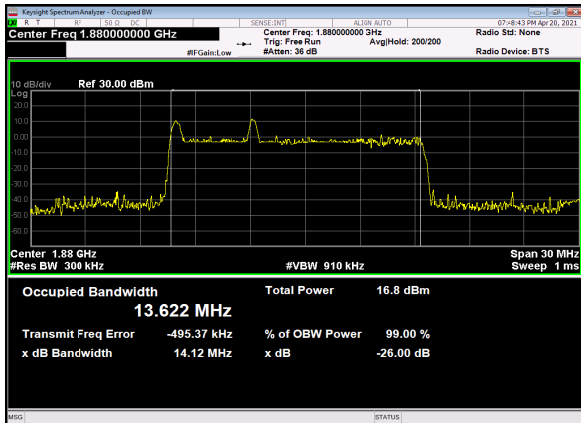
DC\_13A\_66A\_N2(15M)\_DFT-s-OFDM\_PI\_2-BPS  
K\_Outer\_Full\_Mid\_CH



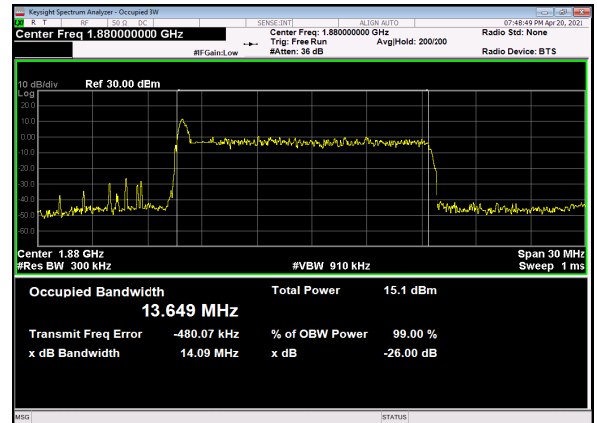
DC\_13A\_66A\_N2(15M)\_DFT-s-OFDM\_QP  
SK\_Outer\_Full\_Mid\_CH



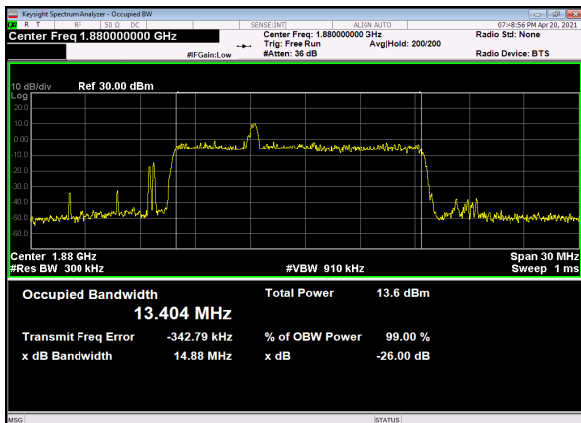
DC\_13A\_66A\_N2(15M)\_DFT-s-OFDM\_16  
QAM\_Outer\_Full\_Mid\_CH



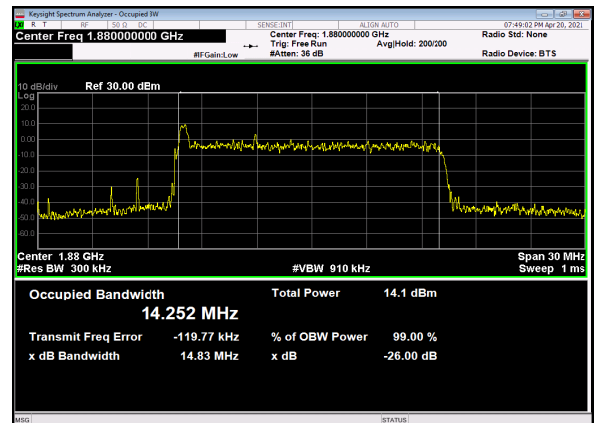
DC\_13A\_66A\_N2(15M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_Mid\_CH



DC\_13A\_66A\_N2(15M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_Mid\_CH

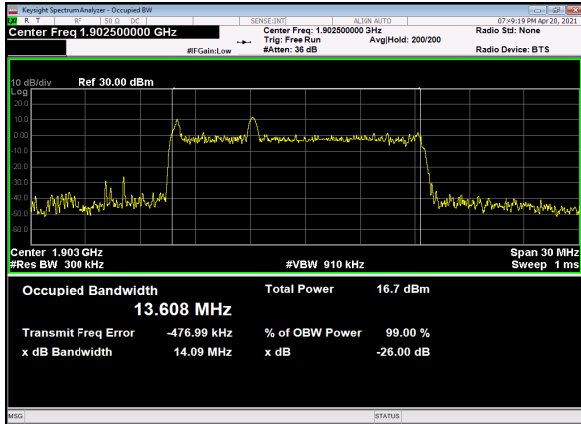


DC\_13A\_66A\_N2(15M)\_CP-OFDM\_QPSK\_  
Outer\_Full\_Mid\_CH

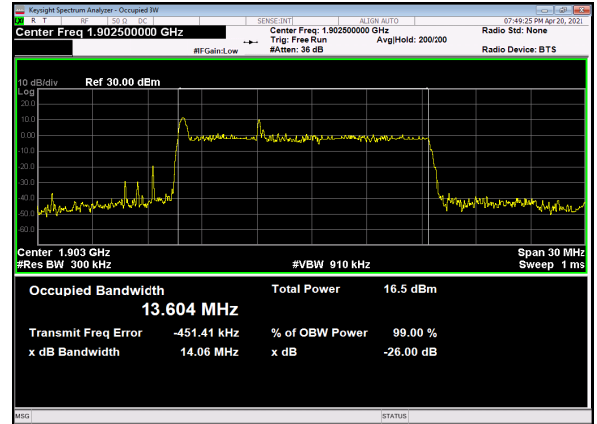




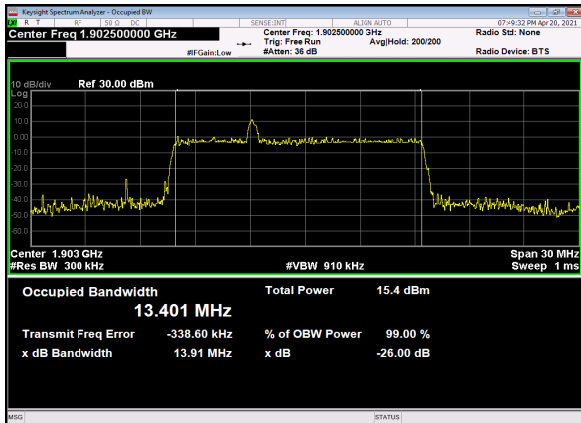
DC\_13A\_66A\_N2(15M)\_DFT-s-OFDM\_PI\_2-BPS  
K\_Outer\_Full\_High\_CH



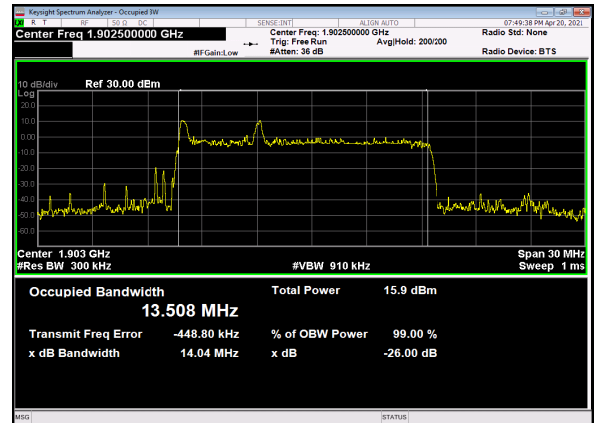
DC\_13A\_66A\_N2(15M)\_DFT-s-OFDM\_QP  
SK\_Outer\_Full\_High\_CH



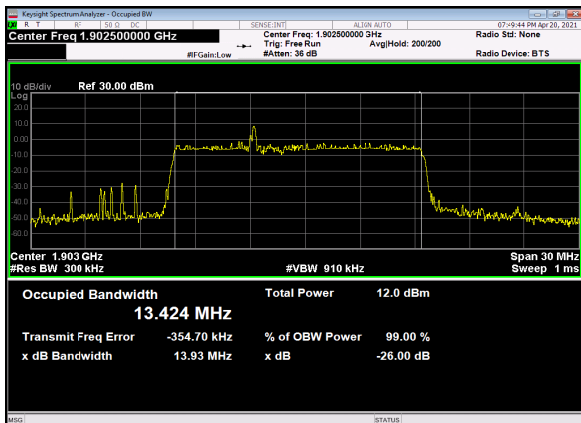
DC\_13A\_66A\_N2(15M)\_DFT-s-OFDM\_16  
QAM\_Outer\_Full\_High\_CH



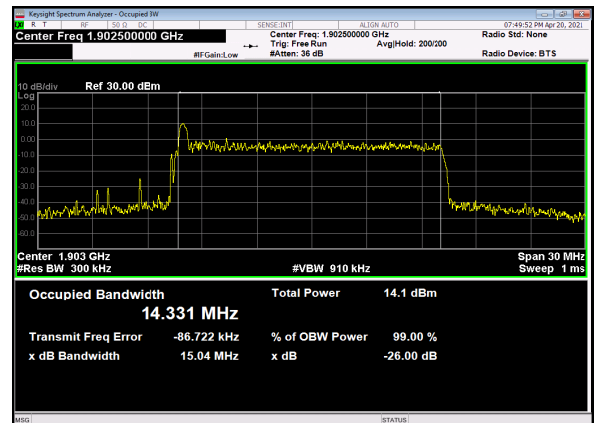
DC\_13A\_66A\_N2(15M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_High\_CH



DC\_13A\_66A\_N2(15M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_High\_CH

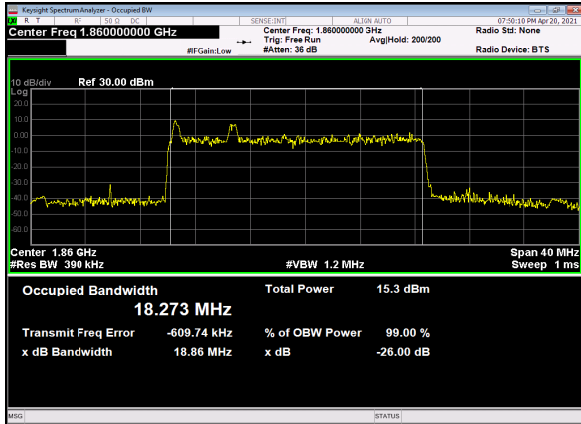


DC\_13A\_66A\_N2(15M)\_CP-OFDM\_QPSK\_  
Outer\_Full\_High\_CH

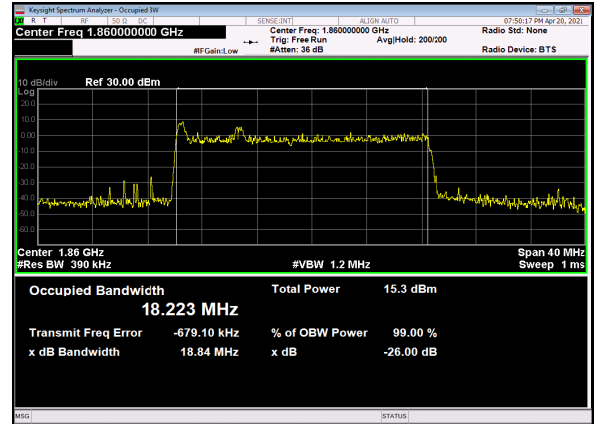




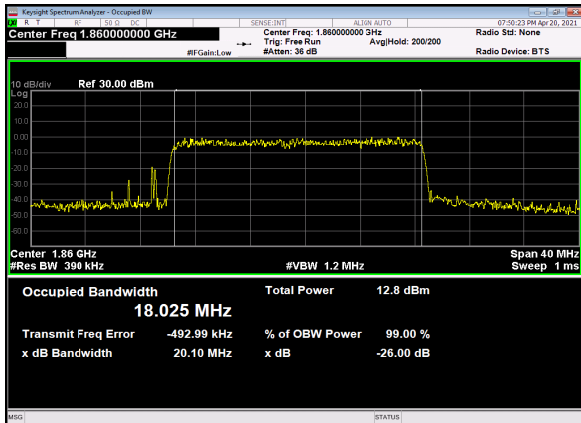
DC\_13A\_66A\_N2(20M)\_DFT-s-OFDM\_PI\_2-BPS  
K\_Outer\_Full\_Low\_CH



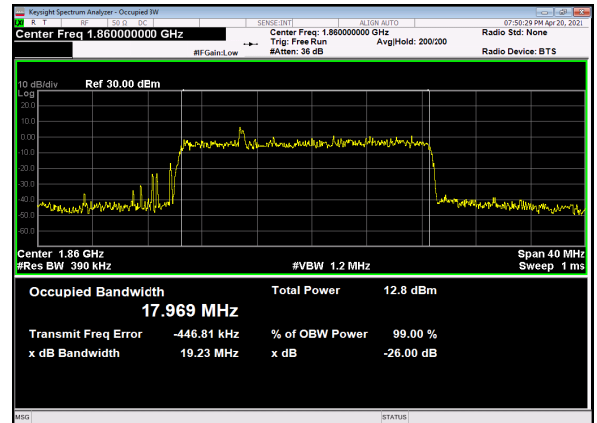
DC\_13A\_66A\_N2(20M)\_DFT-s-OFDM\_QP  
SK\_Outer\_Full\_Low\_CH



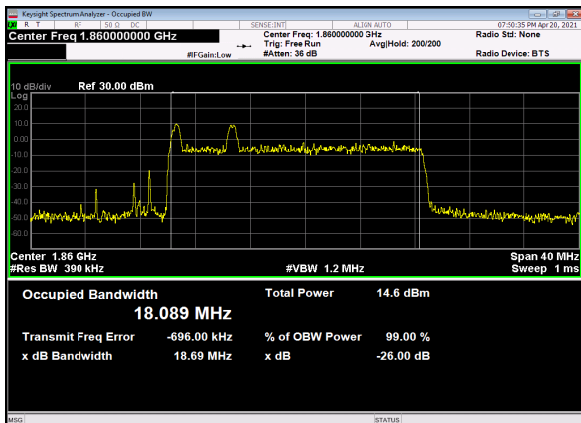
DC\_13A\_66A\_N2(20M)\_DFT-s-OFDM\_16  
QAM\_Outer\_Full\_Low\_CH



DC\_13A\_66A\_N2(20M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_Low\_CH



DC\_13A\_66A\_N2(20M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_Low\_CH



DC\_13A\_66A\_N2(20M)\_CP-OFDM\_QPSK\_  
Outer\_Full\_Low\_CH

