



# TEST REPORT

**APPLICANT** : Realme Chongqing Mobile  
Telecommunications Corp., Ltd.

**PRODUCT NAME** : Mobile Phone

**MODEL NAME** : RMX3363

**BRAND NAME** : realme

**FCC ID** : 2AUYFRMX3363

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

**RECEIPT DATE** : 2021-06-08

**TEST DATE** : 2021-06-09 to 2021-07-09

**ISSUE DATE** : 2021-07-23

Edited by: Zhou Xiaolong  
Zhou Xiaolong (Rapporteur)

Approved by: Shen Junsheng  
Shen Junsheng ( Supervisor )

**NOTE:** This document is issued by Shenzhen Morlab Communication Technology Co., Ltd., the test report shall not be reproduced except in full without prior written permission of the company. The test results apply only to the particular sample(s) tested and to the specific tests carried out which is available on request for validation and information confirmed at our website.





# DIRECTORY

|   |            |
|---|------------|
| <b>1. Technical Information</b> .....                               | <b>4</b>   |
| <b>1.1. Applicant and Manufacturer Information</b> .....            | <b>4</b>   |
| <b>1.2. Equipment Under Test (EUT) Description</b> .....            | <b>4</b>   |
| <b>1.3. Maximum ERP/EIRP and Emission Designator</b> .....          | <b>7</b>   |
| <b>1.4. Test Standards and Results</b> .....                        | <b>10</b>  |
| <b>1.5. Environmental Conditions</b> .....                          | <b>12</b>  |
| <b>2. 47 CFR Part 2, Part 22H Part 27L&amp;M Requirements</b> ..... | <b>13</b>  |
| <b>2.1. Transmitter Conducted Output Power And ERP/EIRP</b> .....   | <b>13</b>  |
| <b>2.2. Occupied Bandwidth</b> .....                                | <b>44</b>  |
| <b>2.3. Frequency Stability</b> .....                               | <b>123</b> |
| <b>2.4. Peak to Average Radio</b> .....                             | <b>127</b> |
| <b>2.5. Conducted Spurious Emissions</b> .....                      | <b>133</b> |
| <b>2.6. Band Edge</b> .....   | <b>170</b> |
| <b>2.7. Radiated Spurious Emissions</b> .....                       | <b>203</b> |
| <b>Annex A Test Uncertainty</b> .....                               | <b>326</b> |
| <b>Annex B Testing Laboratory Information</b> .....                 | <b>327</b> |



REPORT No.: SZ21040341W12

| <b>Change History</b> |             |                          |
|-----------------------|-------------|--------------------------|
| <b>Version</b>        | <b>Date</b> | <b>Reason for change</b> |
| 1.0                   | 2021-07-23  | First edition            |
|                       |             |                          |



# 1. Technical Information

Note: Provide by applicant.

## 1.1. Applicant and Manufacturer Information

|                              |  |
|------------------------------|--|
| <b>Applicant:</b>            | Realme Chongqing Mobile Telecommunications Corp., Ltd.             |
| <b>Applicant Address:</b>    | No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China |
| <b>Manufacturer:</b>         | Realme Chongqing Mobile Telecommunications Corp., Ltd.             |
| <b>Manufacturer Address:</b> | No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing, China |

## 1.2. Equipment Under Test (EUT) Description

|                          |                       |   |
|--------------------------|-----------------------|---|
| <b>Product Name:</b>     | Mobile Phone          |   |
| <b>Hardware Version:</b> | 11                    |   |
| <b>Software Version:</b> | realme UI V2.0        |   |
| <b>IMEI:</b>             | 865240050019930       |   |
| <b>Modulation Type:</b>  | DFT-s-OFDM            | PI/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM                   |
|                          | CP-OFDM               | QPSK, 16QAM, 64QAM, 256QAM                              |
| <b>Operation Band:</b>   | N5, N7, N38, N41, N66 |   |
| <b>Frequency Range:</b>  | N5                    | Tx: 824MHz-849MHz                                       |
|                          |                       | Rx: 869MHz-894MHz                                       |
|                          | N7                    | Tx: 2500MHz-2570MHz                                     |
|                          |                       | Rx: 2620MHz-2690MHz                                     |
|                          | N38                   | Tx: 2570MHz-2620MHz                                     |
|                          |                       | Rx: 2570MHz-2620MHz                                     |
|                          | N41                   | Tx: 2496MHz-2690MHz                                     |
|                          |                       | Rx: 2496MHz-2690MHz                                     |
|                          | N66                   | Tx: 1710MHz-1780MHz                                     |
|                          |                       | Rx: 2110MHz-2180MHz                                     |
| <b>Channel Bandwidth</b> | N5                    | 5MHz, 10MHz, 15MHz, 20MHz                               |
|                          | N7                    | 5MHz, 10MHz, 15MHz, 20MHz                               |
|                          | N38                   | 20MHz, 40MHz  |
|                          | N41                   | 20MHz, 30MHz, 40MHz, 50MHz, 60MHz, 80MHz, 90MHz, 100MHz |



|                               |                        |   |  |
|-------------------------------|------------------------|---|--|
|                               | N66                    | 5MHz, 10MHz, 15MHz, 20MHz               |  |
| <b>Antenna Type:</b>          | Fixed Internal antenna |   |  |
| <b>Antenna Gain:</b>          | N5                     | Top: -5.30dBi; bottom: -6.98dBi         |  |
|                               | N7                     | Top: -2.21dBi; bottom: 0.95dBi          |  |
|                               | N38                    | Top: -1.95dBi; bottom: 1.21dBi          |  |
|                               | N41                    | Top: -2.16dBi; bottom: 0.89dBi          |  |
|                               | N66                    | Top: -5.08dBi; bottom: -1.86dBi         |  |
| <b>Accessory Information:</b> | AC Adapter 1           |   |  |
|                               | Brand Name:            | realme                                  |  |
|                               | Model No.:             | VCA7JAUH                                |  |
|                               | Serial No.:            | (N/A, marked #1 by test site)           |  |
|                               | Rated Input:           | 200-240V~ 50/60HZ,1.8A                  |  |
|                               | Rated Output:          | 5V=2A; 10V=6.5A                         |  |
|                               | Rated Input:           | 100-130V~ 50/60HZ,1.8A                  |  |
|                               | Rated Output:          | 5V=2A; 10V=5A                           |  |
|                               | Manufacturer:          | HUIZHOU GOLDEN LAKE INDUSTRIAL CO., LTD |  |
|                               | AC Adapter 2           |   |  |
|                               | Brand Name:            | realme                                  |  |
|                               | Model No.:             | VCA7JDUH                                |  |
|                               | Serial No.:            | (N/A, marked #1 by test site)           |  |
|                               | Rated Input:           | 200-240V~ 50/60HZ,1.8A                  |  |
|                               | Rated Output:          | 5V=2A; 10V=6.5A                         |  |
|                               | Rated Input:           | 100-130V~ 50/60HZ,1.8A                  |  |
|                               | Rated Output:          | 5V=2A; 10V=5A                           |  |
|                               | Manufacturer:          | HUIZHOU GOLDEN LAKE INDUSTRIAL CO., LTD |  |
|                               | AC Adapter 3           |   |  |
|                               | Brand Name:            | realme                                  |  |
|                               | Model No.:             | VCA7HAUH                                |  |
|                               | Serial No.:            | (N/A, marked #1 by test site)           |  |
|                               | Rated Input:           | 200-240V~ 50/60HZ,1.8A                  |  |
|                               | Rated Output:          | 5V=2A; 10V=6.5A                         |  |
|                               | Rated Input:           | 100-130V~ 50/60HZ,1.8A                  |  |
|                               | Rated Output:          | 5V=2A; 10V=5A                           |  |
|                               | Manufacturer:          | SHENZHEN HUNTKEY ELECTRIC CO., LTD.     |  |
|                               | <b>Battery</b>         |   |  |
|                               | Brand Name:            | realme                                  |  |



|  |                   |                                  |
|--|-------------------|----------------------------------|
|  | Model No.:        | BLP809                           |
|  | Serial No.:       | (N/A, marked #1 by test site)    |
|  | Capacity:         | Typical: 2150mAh, Rated: 2100mAh |
|  | Rated Voltage:    | 7.74V                            |
|  | Charge Limit:     | 8.90V                            |
|  | Manufacturer:     | SUNWODA Electronic Co., Ltd.     |
|  | <b>USB Cable:</b> |                                  |
|  | Model No:         | DL129                            |
|  | <b>Earphone</b>   |                                  |
|  | Model No:         | MH156                            |
|  | Length:           | 1.2m                             |

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



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

| N5      | Maximum ERP/EIRP (W) |       |       |       |        |         |
|---------|----------------------|-------|-------|-------|--------|---------|
|         | DFT-s-OFDM           |       |       |       |        | CP-OFDM |
| BW(MHz) | PI/2 BPSK            | QPSK  | 16QAM | 64QAM | 256QAM | QPSK    |
| 20      | 0.040                | 0.041 | 0.038 | 0.028 | 0.018  | 0.036   |
| 15      | 0.016                | /     | /     | /     | /      | /       |
| 10      | 0.036                | /     | /     | /     | /      | /       |
| 5       | 0.038                | /     | /     | /     | /      | /       |

| N5      | Emission Designator (99%OBW) |         |         |         |         |         |
|---------|------------------------------|---------|---------|---------|---------|---------|
|         | DFT-s-OFDM                   |         |         |         |         | CP-OFDM |
| BW(MHz) | PI/2 BPSK                    | QPSK    | 16QAM   | 64QAM   | 256QAM  | QPSK    |
| 20      | 18M1G7D                      | 18M2G7D | 18M1W7D | 18M2D7W | 18M1D7W | 19M3G7D |
| 15      | 13M6G7D                      | 13M6G7D | 13M6W7D | 13M6D7W | 13M6D7W | 14M3G7D |
| 10      | 9M06G7D                      | 9M07G7D | 9M05W7D | 9M06D7W | 9M08D7W | 9M41G7D |
| 5       | 4M52G7D                      | 4M52G7D | 4M52W7D | 4M51D7W | 4M51D7W | 4M50G7D |

| N7      | Maximum ERP/EIRP (W) |       |       |       |        |         |
|---------|----------------------|-------|-------|-------|--------|---------|
|         | DFT-s-OFDM           |       |       |       |        | CP-OFDM |
| BW(MHz) | PI/2 BPSK            | QPSK  | 16QAM | 64QAM | 256QAM | QPSK    |
| 20      | 0.224                | 0.224 | 0.189 | 0.126 | 0.082  | 0.221   |
| 15      | 0.221                | /     | /     | /     | /      | /       |
| 10      | 0.219                | /     | /     | /     | /      | /       |
| 5       | 0.054                | /     | /     | /     | /      | /       |

| N7      | Emission Designator (99%OBW) |         |         |         |         |         |
|---------|------------------------------|---------|---------|---------|---------|---------|
|         | DFT-s-OFDM                   |         |         |         |         | CP-OFDM |
| BW(MHz) | PI/2 BPSK                    | QPSK    | 16QAM   | 64QAM   | 256QAM  | QPSK    |
| 20      | 18M1G7D                      | 18M2G7D | 18M2W7D | 18M2D7W | 18M2D7W | 19M3G7D |
| 15      | 13M6G7D                      | 13M6G7D | 13M6W7D | 13M6D7W | 13M8D7W | 14M3G7D |
| 10      | 9M09G7D                      | 9M11G7D | 9M13W7D | 9M08D7W | 9M09D7W | 9M39G7D |
| 5       | 4M52G7D                      | 4M52G7D | 4M52W7D | 4M52D7W | 4M52D7W | 4M52G7D |



| N38     | Maximum ERP/EIRP (W) |       |       |       |        |         |
|---------|----------------------|-------|-------|-------|--------|---------|
|         | DFT-s-OFDM           |       |       |       |        | CP-OFDM |
| BW(MHz) | PI/2 BPSK            | QPSK  | 16QAM | 64QAM | 256QAM | QPSK    |
| 40      | 0.296                | 0.299 | 0.245 | 0.165 | 0.114  | 0.265   |
| 30      |                      |       |       |       |        |         |
| 20      | 0.072                | /     | /     | /     | /      | /       |

| N38     | Emission Designator (99%OBW) |         |         |         |         |         |
|---------|------------------------------|---------|---------|---------|---------|---------|
|         | DFT-s-OFDM                   |         |         |         |         | CP-OFDM |
| BW(MHz) | PI/2 BPSK                    | QPSK    | 16QAM   | 64QAM   | 256QAM  | QPSK    |
| 40      | 36M5G7D                      | 36M6G7D | 36M6W7D | 36M6D7W | 36M5D7W | 36M6G7D |
| 20      | 18M2G7D                      | 18M2G7D | 18M2W7D | 18M2D7W | 18M1D7W | 18M2G7D |

| N41     | Maximum ERP/EIRP (W) |       |       |       |        |         |
|---------|----------------------|-------|-------|-------|--------|---------|
|         | DFT-s-OFDM           |       |       |       |        | CP-OFDM |
| BW(MHz) | PI/2 BPSK            | QPSK  | 16QAM | 64QAM | 256QAM | QPSK    |
| 100     | 0.275                | 0.286 | 0.223 | 0.149 | 0.097  | 0.061   |
| 90      | 0.248                | /     | /     | /     | /      | /       |
| 80      | 0.245                | /     | /     | /     | /      | /       |
| 60      | 0.258                | /     | /     | /     | /      | /       |
| 50      | 0.265                | /     | /     | /     | /      | /       |
| 40      | 0.261                | /     | /     | /     | /      | /       |
| 30      | 0.269                | /     | /     | /     | /      | /       |
| 20      | 0.254                | /     | /     | /     | /      | /       |





| N41     | Emission Designator (99%OBW) |         |         |         |         |         |
|---------|------------------------------|---------|---------|---------|---------|---------|
|         | DFT-s-OFDM                   |         |         |         |         | CP-OFDM |
| BW(MHz) | PI/2 BPSK                    | QPSK    | 16QAM   | 64QAM   | 256QAM  | QPSK    |
| 100     | 98M5G7D                      | 98M5G7D | 98M5G7D | 98M5G7D | 98M5G7D | 98M5G7D |
| 90      | 86M7G7D                      | 86M7G7D | 86M7W7D | 86M7D7W | 86M7D7W | 87M4G7D |
| 80      | 78M7G7D                      | 78M9G7D | 78M7W7D | 78M9D7W | 78M9D7W | 79M0G7D |
| 60      | 59M1G7D                      | 59M0G7D | 59M0W7D | 59M0D7W | 59M2D7W | 59M2G7D |
| 50      | 46M7G7D                      | 46M8G7D | 46M8W7D | 46M8D7W | 46M9D7W | 46M7G7D |
| 40      | 36M6G7D                      | 36M5G7D | 36M6W7D | 36M7D7W | 36M6D7W | 36M6G7D |
| 30      | 27M4G7D                      | 27M5G7D | 27M4W7D | 27M4D7W | 27M4D7W | 27M4G7D |
| 20      | 18M2G7D                      | 18M1G7D | 18M1W7D | 18M1D7W | 18M2D7W | 18M2G7D |

| N66     | Maximum ERP/EIRP (W) |       |       |       |        |         |
|---------|----------------------|-------|-------|-------|--------|---------|
|         | DFT-s-OFDM           |       |       |       |        | CP-OFDM |
| BW(MHz) | PI/2 BPSK            | QPSK  | 16QAM | 64QAM | 256QAM | QPSK    |
| 20      | 0.129                | 0.134 | 0.130 | 0.097 | 0.063  | 0.129   |
| 15      | 0.134                | /     | /     | /     | /      | /       |
| 10      | 0.124                | /     | /     | /     | /      | /       |
| 5       | 0.134                | /     | /     | /     | /      | /       |

| N66     | Emission Designator (99%OBW) |         |         |         |         |         |
|---------|------------------------------|---------|---------|---------|---------|---------|
|         | DFT-s-OFDM                   |         |         |         |         | CP-OFDM |
| BW(MHz) | PI/2 BPSK                    | QPSK    | 16QAM   | 64QAM   | 256QAM  | QPSK    |
| 20      | 18M1G7D                      | 18M1G7D | 18M1W7D | 18M2D7W | 18M3D7W | 19M2G7D |
| 15      | 13M6G7D                      | 13M7G7D | 13M6W7D | 13M6D7W | 13M6D7W | 14M3G7D |
| 10      | 9M08G7D                      | 9M04G7D | 9M04W7D | 9M06D7W | 9M05D7W | 9M34G7D |
| 5       | 4M51G7D                      | 4M51G7D | 4M53W7D | 4M51D7W | 4M52D7W | 4M51G7D |



## 1.4. Test Standards and Results

The objective of the report is to perform testing according to Part 2, Part 22, 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  |
| 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>27.50(d)(4) | Transmitter<br>Conducted<br>Output Power<br>and<br>ERP/EIRP | Jun. 8 to<br>12, 2021          | Chen Haiju<br>Yang Jie | PASS   | No<br>deviation              |
| 2.1049  | Occupied<br>Bandwidth                                       | Jun. 13<br>to July 9,<br>2021  | Chen Haiju             | PASS   | No<br>deviation              |
| 2.1055<br>22.355<br>27.54                         | Frequency<br>Stability                                      | Jun. 15<br>to 16,<br>2021      | Chen Haiju             | PASS   | No<br>deviation              |
| 27.50(d)(5)                                       | Peak to<br>Average<br>Radio                                 | Jun. 17<br>to 18,<br>2021      | Chen Haiju             | PASS   | No<br>deviation              |
| 2.1051,<br>22.917(a)<br>27.53(h)                  | Conducted<br>Spurious<br>Emissions                          | Jun. 20<br>to July 9,<br>2021  | Chen Haiju             | PASS   | No<br>deviation              |
| 2.1051,<br>22.917(a)<br>27.53(h)                  | Band Edge   | Jun. 20<br>to July 9,<br>2021  | Chen Haiju             | PASS   | No<br>deviation              |
| 2.1051,<br>22.917(a)<br>27.53(h)                  | Radiated<br>Spurious<br>Emissions                           | Jun. 30<br>to July. 7,<br>2021 | Yang Jie               | PASS   | No<br>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 offset 26.5dB contains two parts that cable loss 16.5dB and Attenuator 10dB.



## 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 27L&M Requirements

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

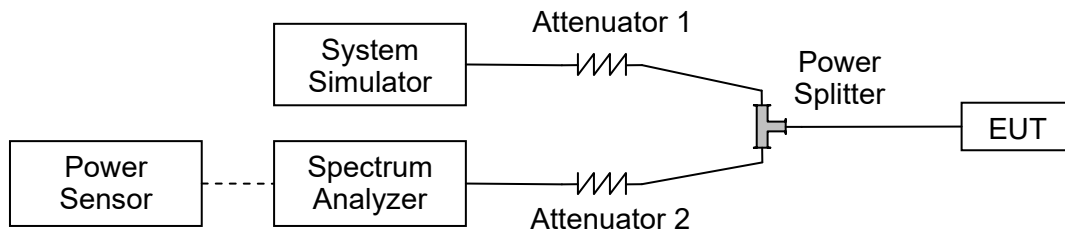
#### 2.1.1. Requirement

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 N/7/N38/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 LTE Band 66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.

#### 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 50Ohm; 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.

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

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



2.1.4. Conducted Output Power:

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         | 23.18       | 23.21          | 23.34        |
| 20              |                         | 1       | 53        | 23.07       | 23.25          | 23.46        |
| 20              |                         | 1       | 104       | 23.03       | 23.15          | 23.39        |
| 20              |                         | 50      | 1         | 23.17       | 23.19          | 23.38        |
| 20              |                         | 50      | 25        | 23.13       | 23.16          | 23.40        |
| 20              |                         | 50      | 50        | 23.12       | 23.17          | 23.34        |
| 20              |                         | 100     | 0         | 23.18       | 23.25          | 23.21        |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 23.48       | 23.61          | 23.48        |
| 20              |                         | 1       | 53        | 23.28       | 23.35          | 23.36        |
| 20              |                         | 1       | 104       | 23.20       | 23.22          | 23.24        |
| 20              |                         | 50      | 1         | 23.15       | 23.20          | 23.12        |
| 20              |                         | 50      | 25        | 23.19       | 23.16          | 23.17        |
| 20              |                         | 50      | 50        | 23.13       | 23.17          | 23.46        |
| 20              |                         | 100     | 0         | 23.21       | 22.73          | 23.16        |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 23.27       | 22.63          | 23.21        |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 21.85       | 20.88          | 21.80        |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 19.78       | 20.02          | 19.83        |
| Channel         |                         |         |           | 166300      | 167300         | 168300       |
| Frequency (MHz) |                         |         |           | 831.5       | 836.5          | 841.5        |
| 15              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.61       | 22.63          | 22.53        |
| Channel         |                         |         |           | 165800      | 167300         | 168800       |
| Frequency (MHz) |                         |         |           | 829         | 836.5          | 844          |
| 10              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.93       | 23.06          | 22.68        |
| Channel         |                         |         |           | 165300      | 167300         | 169300       |
| Frequency (MHz) |                         |         |           | 826.5       | 836.5          | 846.5        |



|                 |                         |         |           |                |                   |                 |
|-----------------|-------------------------|---------|-----------|----------------|-------------------|-----------------|
| 5               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 23.21          | 22.63             | 22.86           |
| BW [MHz]        | Modulation              | RB Size | RB Offset | Low<br>Channel | Middle<br>Channel | High<br>Channel |
| Channel         |                         |         |           | 166800         | 167300            | 167800          |
| Frequency (MHz) |                         |         |           | 834            | 836.5             | 839             |
| 20              | CP-OFDM<br>QPSK         | 1       | 1         | 23.07          | 22.96             | 22.26           |
| 20              | CP-OFDM<br>16QAM        | 1       | 1         | 22.73          | 22.65             | 22.03           |
| 20              | CP-OFDM<br>64QAM        | 1       | 1         | 20.73          | 20.83             | 20.78           |
| 20              | CP-OFDM<br>256QAM       | 1       | 1         | 17.90          | 18.02             | 17.89           |



**N7**

| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                         |         |           | 502000      | 507000         | 512000       |
| Frequency (MHz) |                         |         |           | 2510        | 2535           | 2560         |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 23.48       | 23.75          | 23.68        |
| 20              |                         | 1       | 53        | 23.56       | 23.46          | 23.80        |
| 20              |                         | 1       | 104       | 23.55       | 23.74          | 23.67        |
| 20              |                         | 50      | 1         | 23.59       | 23.38          | 23.37        |
| 20              |                         | 50      | 25        | 23.60       | 23.79          | 23.72        |
| 20              |                         | 50      | 50        | 23.57       | 23.26          | 23.47        |
| 20              |                         | 100     | 0         | 23.54       | 23.29          | 23.40        |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 23.54       | 23.84          | 23.72        |
| 20              |                         | 1       | 53        | 23.77       | 23.80          | 23.65        |
| 20              |                         | 1       | 104       | 23.79       | 23.80          | 23.68        |
| 20              |                         | 50      | 1         | 23.08       | 23.65          | 23.02        |
| 20              |                         | 50      | 25        | 23.53       | 23.51          | 23.55        |
| 20              |                         | 50      | 50        | 23.14       | 22.86          | 22.98        |
| 20              |                         | 100     | 0         | 23.05       | 22.88          | 22.88        |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 22.00       | 21.99          | 21.77        |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 20.39       | 20.20          | 19.92        |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 18.54       | 18.46          | 18.24        |
| Channel         |                         |         |           | 501500      | 507000         | 512500       |
| Frequency (MHz) |                         |         |           | 2507.5      | 2535           | 2562.5       |
| 15              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 23.62       | 23.81          | 23.84        |
| Channel         |                         |         |           | 501000      | 507000         | 513000       |
| Frequency (MHz) |                         |         |           | 2505        | 2535           | 2565         |
| 10              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 23.81       | 23.77          | 23.67        |
| Channel         |                         |         |           | 500500      | 507000         | 513500       |
| Frequency (MHz) |                         |         |           | 2502.5      | 2535           | 2567.5       |
| 5               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 23.39       | 23.62          | 23.42        |





| BW [MHz]        | Modulation        | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                   |         |           | 502000      | 507000         | 512000       |
| Frequency (MHz) |                   |         |           | 2510        | 2535           | 1767.5       |
| 20              | CP-OFDM<br>QPSK   | 1       | 1         | 21.50       | 21.36          | 21.27        |
| 20              | CP-OFDM<br>16QAM  | 1       | 1         | 21.30       | 21.11          | 21.00        |
| 20              | CP-OFDM<br>64QAM  | 1       | 1         | 19.20       | 19.14          | 19.00        |
| 20              | CP-OFDM<br>256QAM | 1       | 1         | 16.70       | 16.56          | 16.35        |

**N38**

| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                         |         |           | 518000      | 519000         | 520000       |
| Frequency (MHz) |                         |         |           | 2590        | 2595           | 2600         |
| 40              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 23.20       | 23.51          | 23.08        |
| 40              |                         | 1       | 53        | 23.43       | 23.43          | 23.19        |
| 40              |                         | 1       | 104       | 22.87       | 22.85          | 22.58        |
| 40              |                         | 50      | 1         | 23.19       | 23.00          | 22.56        |
| 40              |                         | 50      | 25        | 23.43       | 23.33          | 23.20        |
| 40              |                         | 50      | 50        | 22.94       | 22.91          | 22.75        |
| 40              |                         | 100     | 0         | 23.15       | 22.91          | 22.51        |
| 40              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 23.45       | 23.54          | 23.36        |
| 40              |                         | 1       | 53        | 23.40       | 23.41          | 23.22        |
| 40              |                         | 1       | 104       | 22.69       | 22.75          | 23.01        |
| 40              |                         | 50      | 1         | 22.41       | 22.50          | 22.43        |
| 40              |                         | 50      | 25        | 23.12       | 23.34          | 23.10        |
| 40              |                         | 50      | 50        | 22.47       | 22.42          | 22.44        |
| 40              |                         | 100     | 0         | 22.69       | 22.35          | 22.32        |
| 40              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 22.68       | 22.52          | 22.14        |
| 40              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 20.97       | 20.85          | 20.36        |
| 40              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 19.16       | 19.35          | 18.73        |
| Channel         |                         |         |           | 516000      | 519000         | 522000       |
| Frequency (MHz) |                         |         |           | 2580        | 2595           | 2610         |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 22.95       | 23.04          | 22.87        |
| Channel         |                         |         |           | 518000      | 519000         | 520000       |
| Frequency (MHz) |                         |         |           | 2590        | 2595           | 2600         |
| 40              | CP-OFDM<br>QPSK         | 1       | 1         | 22.34       | 22.07          | 21.93        |
| 40              | CP-OFDM<br>16QAM        | 1       | 1         | 21.65       | 21.72          | 21.59        |
| 40              | CP-OFDM                 | 1       | 1         | 20.17       | 20.02          | 20.33        |



REPORT No.: SZ21040341W12

|    |                   |   |   |       |       |       |
|----|-------------------|---|---|-------|-------|-------|
|    | 64QAM             |   |   |       |       |       |
| 40 | CP-OFDM<br>256QAM | 1 | 1 | 17.35 | 17.07 | 16.89 |



**N41**

| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                         |         |           | 509202      | 518598         | 528000       |
| Frequency (MHz) |                         |         |           | 2546        | 2593           | 2640         |
| 100             | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 23.34       | 23.11          | 23.40        |
| 100             |                         | 1       | 136       | 23.16       | 23.35          | 23.48        |
| 100             |                         | 1       | 272       | 22.88       | 23.10          | 23.12        |
| 100             |                         | 135     | 1         | 23.09       | 23.04          | 23.14        |
| 100             |                         | 135     | 67        | 23.45       | 23.50          | 23.48        |
| 100             |                         | 135     | 136       | 23.08       | 22.88          | 23.03        |
| 100             |                         | 270     | 0         | 23.00       | 23.00          | 22.94        |
| 100             | DFT-s-OFDM<br>QPSK      | 1       | 1         | 23.37       | 23.68          | 23.47        |
| 100             |                         | 1       | 136       | 23.20       | 23.12          | 23.52        |
| 100             |                         | 1       | 272       | 23.26       | 22.97          | 23.09        |
| 100             |                         | 135     | 1         | 23.12       | 23.48          | 23.24        |
| 100             |                         | 135     | 67        | 23.42       | 23.44          | 23.46        |
| 100             |                         | 135     | 136       | 23.47       | 23.31          | 23.44        |
| 100             |                         | 270     | 0         | 22.53       | 22.50          | 22.43        |
| 100             | DFT-s-OFDM<br>16QAM     | 1       | 1         | 22.05       | 22.59          | 22.34        |
| 100             | DFT-s-OFDM<br>64QAM     | 1       | 1         | 20.80       | 20.49          | 20.83        |
| 100             | DFT-s-OFDM<br>256QAM    | 1       | 1         | 18.58       | 18.58          | 18.97        |
| Channel         |                         |         |           | 508200      | 518598         | 528996       |
| Frequency (MHz) |                         |         |           | 2541        | 2593           | 2645         |
| 90              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.80       | 23.00          | 23.06        |
| Channel         |                         |         |           | 507204      | 518598         | 529998       |
| Frequency (MHz) |                         |         |           | 2536        | 2593           | 2650         |
| 80              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.83       | 22.91          | 23.01        |
| Channel         |                         |         |           | 505200      | 518598         | 531996       |
| Frequency (MHz) |                         |         |           | 2526        | 2593           | 2660         |



|                 |                         |         |              |                |                   |                 |
|-----------------|-------------------------|---------|--------------|----------------|-------------------|-----------------|
| 60              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1            | 23.00          | 23.12             | 23.22           |
| Channel         |                         |         |              | 504204         | 518598            | 532998          |
| Frequency (MHz) |                         |         |              | 2521           | 2593              | 2665            |
| 50              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1            | 23.25          | 23.27             | 23.35           |
| Channel         |                         |         |              | 503202         | 518598            | 534000          |
| Frequency (MHz) |                         |         |              | 2516           | 2593              | 2670            |
| 40              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1            | 23.24          | 23.28             | 23.28           |
| Channel         |                         |         |              | 502200         | 518598            | 534996          |
| Frequency (MHz) |                         |         |              | 2511           | 2593              | 2675            |
| 30              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1            | 23.36          | 23.11             | 23.40           |
| Channel         |                         |         |              | 501204         | 518598            | 535998          |
| Frequency (MHz) |                         |         |              | 2506           | 2593              | 2680            |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1            | 23.08          | 23.08             | 23.15           |
| BW<br>[MHz]     | Modulation              | RB Size | RB<br>Offset | Low<br>Channel | Middle<br>Channel | High<br>Channel |
| Channel         |                         |         |              | 509202         | 518598            | 528000          |
| Frequency (MHz) |                         |         |              | 2546           | 2593              | 2640            |
| 100             | CP-OFDM<br>QPSK         | 1       | 1            | 21.87          | 21.84             | 22.11           |
| 100             | CP-OFDM<br>16QAM        | 1       | 1            | 21.43          | 21.46             | 21.69           |
| 100             | CP-OFDM<br>64QAM        | 1       | 1            | 19.94          | 19.62             | 19.87           |
| 100             | CP-OFDM<br>256QAM       | 1       | 1            | 16.79          | 16.87             | 16.96           |



**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              | 1                   | 1         | 22.86       | 22.95          | 22.79        |
| 20              | PI/2 BPSK               | 1                   | 53        | 22.81       | 22.98          | 22.68        |
| 20              |                         | 1                   | 104       | 22.93       | 22.96          | 22.98        |
| 20              |                         | 50                  | 1         | 22.74       | 22.90          | 22.86        |
| 20              |                         | 50                  | 25        | 22.81       | 22.91          | 22.91        |
| 20              |                         | 50                  | 50        | 22.75       | 22.83          | 22.73        |
| 20              |                         | 100                 | 0         | 22.80       | 22.85          | 22.65        |
| 20              |                         | DFT-s-OFDM          | 1         | 1           | 23.00          | 23.14        |
| 20              | QPSK                    | 1                   | 53        | 22.88       | 22.94          | 22.86        |
| 20              |                         | 1                   | 104       | 23.01       | 22.98          | 22.95        |
| 20              |                         | 50                  | 1         | 23.02       | 23.12          | 22.63        |
| 20              |                         | 50                  | 25        | 22.79       | 22.90          | 22.69        |
| 20              |                         | 50                  | 50        | 22.74       | 22.84          | 22.70        |
| 20              |                         | 100                 | 0         | 22.82       | 23.01          | 23.10        |
| 20              |                         | DFT-s-OFDM<br>16QAM | 1         | 1           | 23.01          | 22.54        |
| 20              | DFT-s-OFDM<br>64QAM     | 1                   | 1         | 21.74       | 21.70          | 21.60        |
| 20              | DFT-s-OFDM<br>256QAM    | 1                   | 1         | 19.82       | 19.72          | 19.63        |
| Channel         |                         |                     |           | 343500      | 349000         | 354500       |
| Frequency (MHz) |                         |                     |           | 1717.5      | 1745           | 1772.5       |
| 15              | DFT-s-OFDM<br>PI/2 BPSK | 1                   | 1         | 22.96       | 23.13          | 22.90        |
| Channel         |                         |                     |           | 343000      | 349000         | 355000       |
| Frequency (MHz) |                         |                     |           | 1715        | 1745           | 1775         |
| 10              | DFT-s-OFDM<br>PI/2 BPSK | 1                   | 1         | 22.56       | 22.78          | 22.54        |
| Channel         |                         |                     |           | 3425000     | 349000         | 355500       |
| Frequency (MHz) |                         |                     |           | 1712.5      | 1745           | 1777.5       |
| 5               | DFT-s-OFDM<br>PI/2 BPSK | 1                   | 1         | 22.92       | 23.13          | 23.06        |



| BW [MHz]        | Modulation        | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                   |         |           | 344000      | 349000         | 354000       |
| Frequency (MHz) |                   |         |           | 1720        | 1745           | 1767.5       |
| 20              | CP-OFDM<br>QPSK   | 1       | 1         | 22.92       | 22.98          | 22.80        |
| 20              | CP-OFDM<br>16QAM  | 1       | 1         | 22.64       | 22.68          | 22.43        |
| 20              | CP-OFDM<br>64QAM  | 1       | 1         | 20.70       | 20.82          | 20.55        |
| 20              | CP-OFDM<br>256QAM | 1       | 1         | 17.84       | 17.91          | 17.74        |



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

**Top antenna**

| N5              |                         |         |           | Measured EIRP |                  |                 |               |                 |                |
|-----------------|-------------------------|---------|-----------|---------------|------------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]        | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddleCh ./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         | 15.73         | 15.76            | 15.89           | 0.037         | 0.038           | 0.039          |
| 20              |                         | 1       | 39        | 15.62         | 15.80            | 16.01           | 0.036         | 0.038           | 0.040          |
| 20              |                         | 1       | 77        | 15.58         | 15.70            | 15.94           | 0.036         | 0.037           | 0.039          |
| 20              |                         | 36      | 1         | 15.72         | 15.74            | 15.93           | 0.037         | 0.037           | 0.039          |
| 20              |                         | 36      | 18        | 15.68         | 15.71            | 15.95           | 0.037         | 0.037           | 0.039          |
| 20              |                         | 36      | 36        | 15.67         | 15.72            | 15.89           | 0.037         | 0.037           | 0.039          |
| 20              |                         | 75      | 0         | 15.73         | 15.80            | 15.76           | 0.037         | 0.038           | 0.038          |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 16.03         | 16.16            | 16.03           | 0.040         | 0.041           | 0.040          |
| 20              |                         | 1       | 39        | 15.83         | 15.90            | 15.91           | 0.038         | 0.039           | 0.039          |
| 20              |                         | 1       | 77        | 15.75         | 15.77            | 15.79           | 0.038         | 0.038           | 0.038          |
| 20              |                         | 36      | 1         | 15.70         | 15.75            | 15.67           | 0.037         | 0.038           | 0.037          |
| 20              |                         | 36      | 18        | 15.74         | 15.71            | 15.72           | 0.037         | 0.037           | 0.037          |
| 20              |                         | 36      | 36        | 15.68         | 15.72            | 16.01           | 0.037         | 0.037           | 0.040          |
| 20              |                         | 75      | 0         | 15.76         | 15.28            | 15.71           | 0.038         | 0.034           | 0.037          |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 15.82         | 15.18            | 15.76           | 0.038         | 0.033           | 0.038          |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 14.40         | 13.43            | 14.35           | 0.028         | 0.022           | 0.027          |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 12.33         | 12.57            | 12.38           | 0.017         | 0.018           | 0.017          |
| 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         | 12.05         | 12.01            | 11.96           | 0.016         | 0.016           | 0.016          |
| 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         | 15.48         | 15.61            | 15.23           | 0.035         | 0.036           | 0.033          |
| 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 | 15.76  | 15.18  | 15.41  | 0.038  | 0.033  | 0.035  |
| Channel         |                         |   |   | 166800 | 167300 | 167800 | 166800 | 167300 | 167800 |
| Frequency (MHz) |                         |   |   | 834    | 836.5  | 839    | 834    | 836.5  | 839    |
| 20              | CP-OFDM<br>QPSK         | 1 | 1 | 15.62  | 15.51  | 14.81  | 0.036  | 0.036  | 0.030  |
| 20              | CP-OFDM<br>16QAM        | 1 | 1 | 15.28  | 15.20  | 14.58  | 0.034  | 0.033  | 0.029  |
| 20              | CP-OFDM<br>64QAM        | 1 | 1 | 13.28  | 13.38  | 13.33  | 0.021  | 0.022  | 0.022  |
| 20              | CP-OFDM<br>256QAM       | 1 | 1 | 10.45  | 10.57  | 10.44  | 0.011  | 0.011  | 0.011  |



| N7              |                         |         |           | Measured EIRP |                 |                 |               |                 |                |
|-----------------|-------------------------|---------|-----------|---------------|-----------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]        | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddlCh ./Freq. | HighCh. / Freq. | LowCh. / EIRP | MiddleC h./EIRP | HighCh. / EIRP |
| Channel         |                         |         |           | 502000        | 507000          | 512000          | 502000        | 507000          | 512000         |
| Frequency (MHz) |                         |         |           | 2510          | 2535            | 2560            | 2510          | 2535            | 2560           |
|                 |                         |         |           | dBm           |                 |                 | W             |                 |                |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 20.34         | 20.19           | 20.11           | 0.108         | 0.104           | 0.103          |
| 20              |                         | 1       | 39        | 20.33         | 20.23           | 20.14           | 0.108         | 0.105           | 0.103          |
| 20              |                         | 1       | 77        | 20.29         | 20.16           | 20.07           | 0.107         | 0.104           | 0.102          |
| 20              |                         | 36      | 1         | 20.06         | 19.80           | 19.70           | 0.101         | 0.095           | 0.093          |
| 20              |                         | 36      | 18        | 20.32         | 20.30           | 20.17           | 0.108         | 0.107           | 0.104          |
| 20              |                         | 36      | 36        | 20.07         | 19.75           | 19.68           | 0.102         | 0.094           | 0.093          |
| 20              |                         | 75      | 0         | 20.01         | 19.78           | 19.66           | 0.100         | 0.095           | 0.092          |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 20.29         | 20.35           | 20.16           | 0.107         | 0.108           | 0.104          |
| 20              |                         | 1       | 39        | 20.21         | 20.08           | 20.21           | 0.105         | 0.102           | 0.105          |
| 20              |                         | 1       | 77        | 20.26         | 20.07           | 20.20           | 0.106         | 0.102           | 0.105          |
| 20              |                         | 36      | 1         | 19.56         | 19.94           | 19.22           | 0.090         | 0.099           | 0.084          |
| 20              |                         | 36      | 18        | 19.90         | 19.86           | 19.87           | 0.098         | 0.097           | 0.097          |
| 20              |                         | 36      | 36        | 19.59         | 19.28           | 19.18           | 0.091         | 0.085           | 0.083          |
| 20              |                         | 75      | 0         | 19.55         | 19.27           | 19.23           | 0.090         | 0.085           | 0.084          |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 19.61         | 19.38           | 19.24           | 0.091         | 0.087           | 0.084          |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 17.85         | 17.50           | 17.48           | 0.061         | 0.056           | 0.056          |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 15.98         | 15.80           | 15.55           | 0.040         | 0.038           | 0.036          |
| Channel         |                         |         |           | 501500        | 507000          | 512500          | 501500        | 507000          | 512500         |
| Frequency (MHz) |                         |         |           | 2507.5        | 2535            | 2562.5          | 2507.5        | 2535            | 2562.5         |
| 15              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 20.29         | 20.15           | 20.05           | 0.107         | 0.104           | 0.101          |
| Channel         |                         |         |           | 501000        | 507000          | 513000          | 501000        | 507000          | 513000         |
| Frequency (MHz) |                         |         |           | 2505          | 2535            | 2565            | 2505          | 2535            | 2565           |
| 10              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 20.29         | 20.25           | 20.20           | 0.107         | 0.106           | 0.105          |
| Channel         |                         |         |           | 500500        | 507000          | 513500          | 500500        | 507000          | 513500         |
| Frequency (MHz) |                         |         |           | 2502.5        | 2535            | 2567.5          | 2502.5        | 2535            | 2567.5         |
| 5               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 20.22         | 20.24           | 20.23           | 0.105         | 0.106           | 0.105          |



| Channel         |                   |   |   | 502000 | 507000 | 512000 | 502000 | 507000 | 512000 |
|-----------------|-------------------|---|---|--------|--------|--------|--------|--------|--------|
| Frequency (MHz) |                   |   |   | 2510   | 2535   | 1767.5 | 2510   | 2535   | 1767.5 |
| 20              | CP-OFDM<br>QPSK   | 1 | 1 | 19.02  | 18.74  | 18.58  | 0.080  | 0.075  | 0.072  |
| 20              | CP-OFDM<br>16QAM  | 1 | 1 | 18.72  | 18.54  | 18.38  | 0.074  | 0.071  | 0.069  |
| 20              | CP-OFDM<br>64QAM  | 1 | 1 | 16.70  | 16.47  | 16.30  | 0.047  | 0.044  | 0.043  |
| 20              | CP-OFDM<br>256QAM | 1 | 1 | 14.13  | 13.84  | 13.70  | 0.026  | 0.024  | 0.023  |



| N38             |                         |         |           | Measured EIRP |                 |                 |               |                 |                |
|-----------------|-------------------------|---------|-----------|---------------|-----------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]        | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddlCh ./Freq. | HighCh. / Freq. | LowCh. / EIRP | MiddleC h./EIRP | HighCh. / EIRP |
| Channel         |                         |         |           | 518000        | 519000          | 520000          | 518000        | 519000          | 520000         |
| Frequency (MHz) |                         |         |           | 2590          | 2595            | 2600            | 2590          | 2595            | 2600           |
|                 |                         |         |           | dBm           |                 |                 | W             |                 |                |
| 40              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 21.25         | 21.56           | 21.13           | 0.133         | 0.143           | 0.130          |
| 40              |                         | 1       | 39        | 21.48         | 21.48           | 21.24           | 0.141         | 0.141           | 0.133          |
| 40              |                         | 1       | 77        | 20.92         | 20.90           | 20.63           | 0.124         | 0.123           | 0.116          |
| 40              |                         | 36      | 1         | 21.24         | 21.05           | 20.61           | 0.133         | 0.127           | 0.115          |
| 40              |                         | 36      | 18        | 21.48         | 21.38           | 21.25           | 0.141         | 0.137           | 0.133          |
| 40              |                         | 36      | 36        | 20.99         | 20.96           | 20.80           | 0.126         | 0.125           | 0.120          |
| 40              |                         | 75      | 0         | 21.20         | 20.96           | 20.56           | 0.132         | 0.125           | 0.114          |
| 40              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 21.50         | 21.59           | 21.41           | 0.141         | 0.144           | 0.138          |
| 40              |                         | 1       | 39        | 21.45         | 21.46           | 21.27           | 0.140         | 0.140           | 0.134          |
| 40              |                         | 1       | 77        | 20.74         | 20.80           | 21.06           | 0.119         | 0.120           | 0.128          |
| 40              |                         | 36      | 1         | 20.46         | 20.55           | 20.48           | 0.111         | 0.114           | 0.112          |
| 40              |                         | 36      | 18        | 21.17         | 21.39           | 21.15           | 0.131         | 0.138           | 0.130          |
| 40              |                         | 36      | 36        | 20.52         | 20.47           | 20.49           | 0.113         | 0.111           | 0.112          |
| 40              |                         | 75      | 0         | 20.74         | 20.40           | 20.37           | 0.119         | 0.110           | 0.109          |
| 40              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 20.73         | 20.57           | 20.19           | 0.118         | 0.114           | 0.104          |
| 40              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 19.02         | 18.90           | 18.41           | 0.080         | 0.078           | 0.069          |
| 40              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 17.21         | 17.40           | 16.78           | 0.053         | 0.055           | 0.048          |
| Channel         |                         |         |           | 516000        | 519000          | 522000          | 516000        | 519000          | 522000         |
| Frequency (MHz) |                         |         |           | 2580          | 2595            | 2610            | 2580          | 2595            | 2610           |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 20.96         | 20.95           | 21.07           | 0.125         | 0.124           | 0.128          |
| Channel         |                         |         |           | 518000        | 519000          | 520000          | 518000        | 519000          | 520000         |
| Frequency (MHz) |                         |         |           | 2590          | 2595            | 2600            | 2590          | 2595            | 2600           |
| 40              | CP-OFDM<br>QPSK         | 1       | 1         | 20.39         | 20.12           | 19.98           | 0.109         | 0.103           | 0.100          |
| 40              | CP-OFDM<br>16QAM        | 1       | 1         | 19.70         | 19.77           | 19.64           | 20            | 20              | 20             |
| 40              | CP-OFDM<br>64QAM        | 1       | 1         | 18.22         | 18.07           | 18.38           | 18.2          | 18.1            | 18.4           |



REPORT No.: SZ21040341W12

|    |                   |   |   |       |       |       |       |       |       |
|----|-------------------|---|---|-------|-------|-------|-------|-------|-------|
| 20 | CP-OFDM<br>256QAM | 1 | 1 | 15.40 | 15.12 | 14.94 | 0.035 | 0.033 | 0.031 |
|----|-------------------|---|---|-------|-------|-------|-------|-------|-------|



| N41             |                         |         |           | Measured EIRP |                  |                  |               |                 |                 |
|-----------------|-------------------------|---------|-----------|---------------|------------------|------------------|---------------|-----------------|-----------------|
| BW [MHz]        | Modulation              | RB Size | RB Offset | LowCh. /Freq. | MiddleC h./Freq. | HighCh . / Freq. | LowCh. / EIRP | MiddleC h./EIRP | HighCh . / EIRP |
| Channel         |                         |         |           | 509202        | 518598           | 528000           | 509202        | 518598          | 528000          |
| Frequency (MHz) |                         |         |           | 2546          | 2593             | 2640             | 2546          | 2593            | 2640            |
|                 |                         |         |           | dBm           |                  |                  | W             |                 |                 |
| 100             | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 21.18         | 20.95            | 21.24            | 0.131         | 0.124           | 0.133           |
| 100             |                         | 1       | 136       | 21.00         | 21.19            | 21.32            | 0.126         | 0.132           | 0.136           |
| 100             |                         | 1       | 272       | 20.72         | 20.94            | 20.96            | 0.118         | 0.124           | 0.125           |
| 100             |                         | 135     | 1         | 20.93         | 20.88            | 20.98            | 0.124         | 0.122           | 0.125           |
| 100             |                         | 135     | 67        | 21.29         | 21.34            | 21.32            | 0.135         | 0.136           | 0.136           |
| 100             |                         | 135     | 136       | 20.92         | 20.72            | 20.87            | 0.124         | 0.118           | 0.122           |
| 100             |                         | 270     | 0         | 20.84         | 20.84            | 20.78            | 0.121         | 0.121           | 0.120           |
| 100             | DFT-s-OFDM<br>QPSK      | 1       | 1         | 21.21         | 21.52            | 21.31            | 0.132         | 0.142           | 0.135           |
| 100             |                         | 1       | 136       | 21.04         | 20.96            | 21.36            | 0.127         | 0.125           | 0.137           |
| 100             |                         | 1       | 272       | 21.10         | 20.81            | 20.93            | 0.129         | 0.121           | 0.124           |
| 100             |                         | 135     | 1         | 20.96         | 21.32            | 21.08            | 0.125         | 0.136           | 0.128           |
| 100             |                         | 135     | 67        | 21.26         | 21.28            | 21.30            | 0.134         | 0.134           | 0.135           |
| 100             |                         | 135     | 136       | 21.31         | 21.15            | 21.28            | 0.135         | 0.130           | 0.134           |
| 100             |                         | 270     | 0         | 20.37         | 20.34            | 20.27            | 0.109         | 0.108           | 0.106           |
| 100             | DFT-s-OFDM<br>16QAM     | 1       | 1         | 19.89         | 20.43            | 20.18            | 0.097         | 0.110           | 0.104           |
| 100             | DFT-s-OFDM<br>64QAM     | 1       | 1         | 18.64         | 18.33            | 18.67            | 0.073         | 0.068           | 0.074           |
| 100             | DFT-s-OFDM<br>256QAM    | 1       | 1         | 16.42         | 16.42            | 16.81            | 0.044         | 0.044           | 0.048           |
| Channel         |                         |         |           | 508200        | 518598           | 528996           | 508200        | 518598          | 528996          |
| Frequency (MHz) |                         |         |           | 2541          | 2593             | 2645             | 2541          | 2593            | 2645            |
| 90              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 20.64         | 20.84            | 20.90            | 0.116         | 0.121           | 0.123           |
| Channel         |                         |         |           | 507204        | 518598           | 529998           | 507204        | 518598          | 529998          |
| Frequency (MHz) |                         |         |           | 2536          | 2593             | 2650             | 2536          | 2593            | 2650            |
| 80              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 20.67         | 20.75            | 20.85            | 0.117         | 0.119           | 0.122           |
| Channel         |                         |         |           | 505200        | 518598           | 531996           | 505200        | 518598          | 531996          |
| Frequency (MHz) |                         |         |           | 2526          | 2593             | 2660             | 2526          | 2593            | 2660            |
| 60              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 20.84         | 20.96            | 21.06            | 0.121         | 0.125           | 0.128           |



|                 |                         |   |   |        |        |        |        |        |        |
|-----------------|-------------------------|---|---|--------|--------|--------|--------|--------|--------|
| Channel         |                         |   |   | 504204 | 518598 | 532998 | 504204 | 518598 | 532998 |
| Frequency (MHz) |                         |   |   | 2521   | 2593   | 2665   | 2521   | 2593   | 2665   |
| 50              | DFT-s-OFDM<br>PI/2 BPSK | 1 | 1 | 21.09  | 21.11  | 21.19  | 0.129  | 0.129  | 0.132  |
| Channel         |                         |   |   | 503202 | 518598 | 534000 | 503202 | 518598 | 534000 |
| Frequency (MHz) |                         |   |   | 2516   | 2593   | 2670   | 2516   | 2593   | 2670   |
| 40              | DFT-s-OFDM<br>PI/2 BPSK | 1 | 1 | 21.08  | 21.12  | 21.12  | 0.128  | 0.129  | 0.129  |
| Channel         |                         |   |   | 502200 | 518598 | 534996 | 502200 | 518598 | 534996 |
| Frequency (MHz) |                         |   |   | 2511   | 2593   | 2675   | 2511   | 2593   | 2675   |
| 30              | DFT-s-OFDM<br>PI/2 BPSK | 1 | 1 | 21.20  | 20.95  | 21.24  | 0.132  | 0.124  | 0.133  |
| Channel         |                         |   |   | 501204 | 518598 | 535998 | 501204 | 518598 | 535998 |
| Frequency (MHz) |                         |   |   | 2506   | 2593   | 2680   | 2506   | 2593   | 2680   |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1 | 1 | 20.92  | 20.92  | 20.99  | 0.124  | 0.124  | 0.126  |
| Channel         |                         |   |   | 509202 | 518598 | 528000 | 509202 | 518598 | 528000 |
| Frequency (MHz) |                         |   |   | 2546   | 2593   | 2640   | 2546   | 2593   | 2640   |
| 100             | CP-OFDM<br>QPSK         | 1 | 1 | 19.71  | 19.68  | 19.95  | 0.094  | 0.093  | 0.099  |
| 100             | CP-OFDM<br>16QAM        | 1 | 1 | 19.27  | 19.30  | 19.53  | 0.085  | 0.085  | 0.090  |
| 100             | CP-OFDM<br>64QAM        | 1 | 1 | 17.78  | 17.46  | 17.71  | 0.060  | 0.056  | 0.059  |
| 100             | CP-OFDM<br>256QAM       | 1 | 1 | 14.63  | 14.71  | 14.80  | 0.029  | 0.030  | 0.030  |



| N66             |                         |         |           | Measured EIRP |                 |                 |               |                 |                |
|-----------------|-------------------------|---------|-----------|---------------|-----------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]        | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddlCh ./Freq. | HighCh. / Freq. | LowCh. / EIRP | MiddleCh ./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         | 17.78         | 17.87           | 17.71           | 0.060         | 0.061           | 0.059          |
| 20              |                         | 1       | 39        | 17.73         | 17.90           | 17.60           | 0.059         | 0.062           | 0.058          |
| 20              |                         | 1       | 77        | 17.85         | 17.88           | 17.90           | 0.061         | 0.061           | 0.062          |
| 20              |                         | 36      | 1         | 17.66         | 17.82           | 17.78           | 0.058         | 0.061           | 0.060          |
| 20              |                         | 36      | 18        | 17.73         | 17.83           | 17.83           | 0.059         | 0.061           | 0.061          |
| 20              |                         | 36      | 36        | 17.67         | 17.75           | 17.65           | 0.058         | 0.060           | 0.058          |
| 20              |                         | 75      | 0         | 17.72         | 17.77           | 17.57           | 0.059         | 0.060           | 0.057          |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 17.92         | 18.06           | 17.81           | 0.062         | 0.064           | 0.060          |
| 20              |                         | 1       | 39        | 17.80         | 17.86           | 17.78           | 0.060         | 0.061           | 0.060          |
| 20              |                         | 1       | 77        | 17.93         | 17.90           | 17.87           | 0.062         | 0.062           | 0.061          |
| 20              |                         | 36      | 1         | 17.94         | 18.04           | 17.55           | 0.062         | 0.064           | 0.057          |
| 20              |                         | 36      | 18        | 17.71         | 17.82           | 17.61           | 0.059         | 0.061           | 0.058          |
| 20              |                         | 36      | 36        | 17.66         | 17.76           | 17.62           | 0.058         | 0.060           | 0.058          |
| 20              |                         | 75      | 0         | 17.74         | 17.93           | 18.02           | 0.059         | 0.062           | 0.063          |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 17.93         | 17.46           | 17.81           | 0.062         | 0.056           | 0.060          |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 16.66         | 16.62           | 16.52           | 0.046         | 0.046           | 0.045          |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 14.74         | 14.64           | 14.55           | 0.030         | 0.029           | 0.029          |
| 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         | 17.88         | 18.05           | 17.82           | 0.061         | 0.064           | 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         | 17.48         | 17.70           | 17.46           | 0.056         | 0.059           | 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         | 17.84         | 18.05           | 17.98           | 0.061         | 0.064           | 0.063          |





| Channel         |                   |   |   | 344000 | 349000 | 354000 | 344000 | 349000 | 354000 |
|-----------------|-------------------|---|---|--------|--------|--------|--------|--------|--------|
| Frequency (MHz) |                   |   |   | 1720   | 1745   | 1770   | 1720   | 1745   | 1770   |
| 20              | CP-OFDM<br>QPSK   | 1 | 1 | 17.84  | 17.90  | 17.72  | 0.061  | 0.062  | 0.059  |
| 20              | CP-OFDM<br>16QAM  | 1 | 1 | 17.56  | 17.60  | 17.35  | 0.057  | 0.058  | 0.054  |
| 20              | CP-OFDM<br>64QAM  | 1 | 1 | 15.62  | 15.74  | 15.47  | 0.036  | 0.037  | 0.035  |
| 20              | CP-OFDM<br>256QAM | 1 | 1 | 12.76  | 12.83  | 12.66  | 0.019  | 0.019  | 0.018  |



**Bottom antenna**

| N5              |                         |         |           | Measured EIRP |                  |                 |               |                 |                |
|-----------------|-------------------------|---------|-----------|---------------|------------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]        | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddleCh ./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         | 14.05         | 14.08            | 14.21           | 0.025         | 0.026           | 0.026          |
| 20              |                         | 1       | 39        | 13.94         | 14.12            | 14.33           | 0.025         | 0.026           | 0.027          |
| 20              |                         | 1       | 77        | 13.90         | 14.02            | 14.26           | 0.025         | 0.025           | 0.027          |
| 20              |                         | 36      | 1         | 14.04         | 14.06            | 14.25           | 0.025         | 0.025           | 0.027          |
| 20              |                         | 36      | 18        | 14.00         | 14.03            | 14.27           | 0.025         | 0.025           | 0.027          |
| 20              |                         | 36      | 36        | 13.99         | 14.04            | 14.21           | 0.025         | 0.025           | 0.026          |
| 20              |                         | 75      | 0         | 14.05         | 14.12            | 14.08           | 0.025         | 0.026           | 0.026          |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 14.35         | 14.48            | 14.35           | 0.027         | 0.028           | 0.027          |
| 20              |                         | 1       | 39        | 14.15         | 14.22            | 14.23           | 0.026         | 0.026           | 0.026          |
| 20              |                         | 1       | 77        | 14.07         | 14.09            | 14.11           | 0.026         | 0.026           | 0.026          |
| 20              |                         | 36      | 1         | 14.02         | 14.07            | 13.99           | 0.025         | 0.026           | 0.025          |
| 20              |                         | 36      | 18        | 14.06         | 14.03            | 14.04           | 0.025         | 0.025           | 0.025          |
| 20              |                         | 36      | 36        | 14.00         | 14.04            | 14.33           | 0.025         | 0.025           | 0.027          |
| 20              | 75                      | 0       | 14.08     | 13.60         | 14.03            | 0.026           | 0.023         | 0.025           |                |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 14.14         | 13.50            | 14.08           | 0.026         | 0.022           | 0.026          |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 12.72         | 11.75            | 12.67           | 0.019         | 0.015           | 0.018          |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 10.65         | 10.89            | 10.70           | 0.012         | 0.012           | 0.012          |
| 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         | 10.37         | 10.33            | 10.28           | 0.011         | 0.011           | 0.011          |
| 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         | 13.80         | 13.93            | 13.55           | 0.024         | 0.025           | 0.023          |
| 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              | 1       | 1         | 14.08         | 13.50            | 13.73           | 0.026         | 0.022           | 0.024          |



|                 |                   |   |   |        |        |        |        |        |        |
|-----------------|-------------------|---|---|--------|--------|--------|--------|--------|--------|
|                 | PI/2 BPSK         |   |   |        |        |        |        |        |        |
| Channel         |                   |   |   | 166800 | 167300 | 167800 | 166800 | 167300 | 167800 |
| Frequency (MHz) |                   |   |   | 834    | 836.5  | 839    | 834    | 836.5  | 839    |
| 20              | CP-OFDM<br>QPSK   | 1 | 1 | 13.94  | 13.83  | 13.13  | 0.025  | 0.024  | 0.021  |
| 20              | CP-OFDM<br>16QAM  | 1 | 1 | 13.60  | 13.52  | 12.90  | 0.023  | 0.022  | 0.019  |
| 20              | CP-OFDM<br>64QAM  | 1 | 1 | 11.60  | 11.70  | 11.65  | 0.014  | 0.015  | 0.015  |
| 20              | CP-OFDM<br>256QAM | 1 | 1 | 8.77   | 8.89   | 8.76   | 0.008  | 0.008  | 0.008  |



| N7              |                         |         |           | Measured EIRP |                 |                 |               |                 |                |
|-----------------|-------------------------|---------|-----------|---------------|-----------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]        | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddlCh ./Freq. | HighCh. / Freq. | LowCh. / EIRP | MiddleC h./EIRP | HighCh. / EIRP |
| Channel         |                         |         |           | 502000        | 507000          | 512000          | 502000        | 507000          | 512000         |
| Frequency (MHz) |                         |         |           | 2510          | 2535            | 2560            | 2510          | 2535            | 2560           |
|                 |                         |         |           | dBm           |                 |                 | W             |                 |                |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 23.50         | 23.35           | 23.27           | 0.224         | 0.216           | 0.212          |
| 20              |                         | 1       | 39        | 23.49         | 23.39           | 23.30           | 0.223         | 0.218           | 0.214          |
| 20              |                         | 1       | 77        | 23.45         | 23.32           | 23.23           | 0.221         | 0.215           | 0.210          |
| 20              |                         | 36      | 1         | 23.22         | 22.96           | 22.86           | 0.210         | 0.198           | 0.193          |
| 20              |                         | 36      | 18        | 23.48         | 23.46           | 23.33           | 0.223         | 0.222           | 0.215          |
| 20              |                         | 36      | 36        | 23.23         | 22.91           | 22.84           | 0.210         | 0.195           | 0.192          |
| 20              |                         | 75      | 0         | 23.17         | 22.94           | 22.82           | 0.207         | 0.197           | 0.191          |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 23.45         | 23.51           | 23.32           | 0.221         | 0.224           | 0.215          |
| 20              |                         | 1       | 39        | 23.37         | 23.24           | 23.37           | 0.217         | 0.211           | 0.217          |
| 20              |                         | 1       | 77        | 23.42         | 23.23           | 23.36           | 0.220         | 0.210           | 0.217          |
| 20              |                         | 36      | 1         | 22.72         | 23.10           | 22.38           | 0.187         | 0.204           | 0.173          |
| 20              |                         | 36      | 18        | 23.06         | 23.02           | 23.03           | 0.202         | 0.200           | 0.201          |
| 20              |                         | 36      | 36        | 22.75         | 22.44           | 22.34           | 0.188         | 0.175           | 0.171          |
| 20              |                         | 75      | 0         | 22.71         | 22.43           | 22.39           | 0.187         | 0.175           | 0.173          |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 22.77         | 22.54           | 22.40           | 0.189         | 0.179           | 0.174          |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 21.01         | 20.66           | 20.64           | 0.126         | 0.116           | 0.116          |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 19.14         | 18.96           | 18.71           | 0.082         | 0.079           | 0.074          |
| Channel         |                         |         |           | 501500        | 507000          | 512500          | 501500        | 507000          | 512500         |
| Frequency (MHz) |                         |         |           | 2507.5        | 2535            | 2562.5          | 2507.5        | 2535            | 2562.5         |
| 15              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 23.45         | 23.31           | 23.21           | 0.221         | 0.214           | 0.209          |
| Channel         |                         |         |           | 501000        | 507000          | 513000          | 501000        | 507000          | 513000         |
| Frequency (MHz) |                         |         |           | 2505          | 2535            | 2565            | 2505          | 2535            | 2565           |
| 10              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 23.45         | 23.41           | 23.36           | 0.221         | 0.219           | 0.217          |
| Channel         |                         |         |           | 500500        | 507000          | 513500          | 500500        | 507000          | 513500         |
| Frequency (MHz) |                         |         |           | 2502.5        | 2535            | 2567.5          | 2502.5        | 2535            | 2567.5         |
| 5               | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 23.38         | 23.40           | 23.39           | 0.218         | 0.219           | 0.218          |



| Channel         |                   |   |   | 502000 | 507000 | 512000 | 502000 | 507000 | 512000 |
|-----------------|-------------------|---|---|--------|--------|--------|--------|--------|--------|
| Frequency (MHz) |                   |   |   | 2510   | 2535   | 1767.5 | 2510   | 2535   | 1767.5 |
| 20              | CP-OFDM<br>QPSK   | 1 | 1 | 22.18  | 21.90  | 21.74  | 0.165  | 0.155  | 0.149  |
| 20              | CP-OFDM<br>16QAM  | 1 | 1 | 21.88  | 21.70  | 21.54  | 0.154  | 0.148  | 0.143  |
| 20              | CP-OFDM<br>64QAM  | 1 | 1 | 19.86  | 19.63  | 19.46  | 0.097  | 0.092  | 0.088  |
| 20              | CP-OFDM<br>256QAM | 1 | 1 | 17.29  | 17.00  | 16.86  | 0.054  | 0.050  | 0.049  |



| N38             |                         |         |           | Measured EIRP |                 |                 |               |                 |                |
|-----------------|-------------------------|---------|-----------|---------------|-----------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]        | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddlCh ./Freq. | HighCh. / Freq. | LowCh. / EIRP | MiddleC h./EIRP | HighCh. / EIRP |
| Channel         |                         |         |           | 518000        | 519000          | 520000          | 518000        | 519000          | 520000         |
| Frequency (MHz) |                         |         |           | 2590          | 2595            | 2600            | 2590          | 2595            | 2600           |
|                 |                         |         |           | dBm           |                 |                 | W             |                 |                |
| 40              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 24.41         | 24.72           | 24.29           | 0.276         | 0.296           | 0.269          |
| 40              |                         | 1       | 39        | 24.64         | 24.64           | 24.40           | 0.291         | 0.291           | 0.275          |
| 40              |                         | 1       | 77        | 24.08         | 24.06           | 23.79           | 0.256         | 0.255           | 0.239          |
| 40              |                         | 36      | 1         | 24.40         | 24.21           | 23.77           | 0.275         | 0.264           | 0.238          |
| 40              |                         | 36      | 18        | 24.64         | 24.54           | 24.41           | 0.291         | 0.284           | 0.276          |
| 40              |                         | 36      | 36        | 24.15         | 24.12           | 23.96           | 0.260         | 0.258           | 0.249          |
| 40              |                         | 75      | 0         | 24.36         | 24.12           | 23.72           | 0.273         | 0.258           | 0.236          |
| 40              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 24.66         | 24.75           | 24.57           | 0.292         | 0.299           | 0.286          |
| 40              |                         | 1       | 39        | 24.61         | 24.62           | 24.43           | 0.289         | 0.290           | 0.277          |
| 40              |                         | 1       | 77        | 23.90         | 23.96           | 24.22           | 0.245         | 0.249           | 0.264          |
| 40              |                         | 36      | 1         | 23.62         | 23.71           | 23.64           | 0.230         | 0.235           | 0.231          |
| 40              |                         | 36      | 18        | 24.33         | 24.55           | 24.31           | 0.271         | 0.285           | 0.270          |
| 40              |                         | 36      | 36        | 23.68         | 23.63           | 23.65           | 0.233         | 0.231           | 0.232          |
| 40              |                         | 75      | 0         | 23.90         | 23.56           | 23.53           | 0.245         | 0.227           | 0.225          |
| 40              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 23.89         | 23.73           | 23.35           | 0.245         | 0.236           | 0.216          |
| 40              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 22.18         | 22.06           | 21.57           | 0.165         | 0.161           | 0.144          |
| 40              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 20.37         | 20.56           | 19.94           | 0.109         | 0.114           | 0.099          |
| Channel         |                         |         |           | 516000        | 519000          | 522000          | 516000        | 519000          | 522000         |
| Frequency (MHz) |                         |         |           | 2580          | 2595            | 2610            | 2580          | 2595            | 2610           |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 24.12         | 24.11           | 24.23           | 0.258         | 0.258           | 0.265          |
| Channel         |                         |         |           | 518000        | 519000          | 520000          | 518000        | 519000          | 520000         |
| Frequency (MHz) |                         |         |           | 2590          | 2595            | 2600            | 2590          | 2595            | 2600           |
| 40              | CP-OFDM<br>QPSK         | 1       | 1         | 23.55         | 23.28           | 23.14           | 0.226         | 0.213           | 0.206          |
| 40              | CP-OFDM<br>16QAM        | 1       | 1         | 22.86         | 22.93           | 22.80           | 0.193         | 0.196           | 0.191          |
| 40              | CP-OFDM<br>64QAM        | 1       | 1         | 21.38         | 21.23           | 21.54           | 0.137         | 0.133           | 0.143          |



REPORT No.: SZ21040341W12

|    |                   |   |   |       |       |       |       |       |       |
|----|-------------------|---|---|-------|-------|-------|-------|-------|-------|
| 20 | CP-OFDM<br>256QAM | 1 | 1 | 18.56 | 18.28 | 18.10 | 0.072 | 0.067 | 0.065 |
|----|-------------------|---|---|-------|-------|-------|-------|-------|-------|



| N41             |                         |         |           | Measured EIRP |                  |                  |               |                 |                 |
|-----------------|-------------------------|---------|-----------|---------------|------------------|------------------|---------------|-----------------|-----------------|
| BW [MHz]        | Modulation              | RB Size | RB Offset | LowCh. /Freq. | MiddleC h./Freq. | HighCh . / Freq. | LowCh. / EIRP | MiddleC h./EIRP | HighCh . / EIRP |
| Channel         |                         |         |           | 509202        | 518598           | 528000           | 509202        | 518598          | 528000          |
| Frequency (MHz) |                         |         |           | 2546          | 2593             | 2640             | 2546          | 2593            | 2640            |
|                 |                         |         |           | dBm           |                  |                  | W             |                 |                 |
| 100             | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 24.23         | 24.00            | 24.29            | 0.265         | 0.251           | 0.269           |
| 100             |                         | 1       | 136       | 24.05         | 24.24            | 24.37            | 0.254         | 0.265           | 0.274           |
| 100             |                         | 1       | 272       | 23.77         | 23.99            | 24.01            | 0.238         | 0.251           | 0.252           |
| 100             |                         | 135     | 1         | 23.98         | 23.93            | 24.03            | 0.250         | 0.247           | 0.253           |
| 100             |                         | 135     | 67        | 24.34         | 24.39            | 24.37            | 0.272         | 0.275           | 0.274           |
| 100             |                         | 135     | 136       | 23.97         | 23.77            | 23.92            | 0.249         | 0.238           | 0.247           |
| 100             |                         | 270     | 0         | 23.89         | 23.89            | 23.83            | 0.245         | 0.245           | 0.242           |
| 100             | DFT-s-OFDM<br>QPSK      | 1       | 1         | 24.26         | 24.57            | 24.36            | 0.267         | 0.286           | 0.273           |
| 100             |                         | 1       | 136       | 24.09         | 24.01            | 24.41            | 0.256         | 0.252           | 0.276           |
| 100             |                         | 1       | 272       | 24.15         | 23.86            | 23.98            | 0.260         | 0.243           | 0.250           |
| 100             |                         | 135     | 1         | 24.01         | 24.37            | 24.13            | 0.252         | 0.274           | 0.259           |
| 100             |                         | 135     | 67        | 24.31         | 24.33            | 24.35            | 0.270         | 0.271           | 0.272           |
| 100             |                         | 135     | 136       | 24.36         | 24.20            | 24.33            | 0.273         | 0.263           | 0.271           |
| 100             |                         | 270     | 0         | 23.42         | 23.39            | 23.32            | 0.220         | 0.218           | 0.215           |
| 100             | DFT-s-OFDM<br>16QAM     | 1       | 1         | 22.94         | 23.48            | 23.23            | 0.197         | 0.223           | 0.210           |
| 100             | DFT-s-OFDM<br>64QAM     | 1       | 1         | 21.69         | 21.38            | 21.72            | 0.148         | 0.137           | 0.149           |
| 100             | DFT-s-OFDM<br>256QAM    | 1       | 1         | 19.47         | 19.47            | 19.86            | 0.089         | 0.089           | 0.097           |
| Channel         |                         |         |           | 508200        | 518598           | 528996           | 508200        | 518598          | 528996          |
| Frequency (MHz) |                         |         |           | 2541          | 2593             | 2645             | 2541          | 2593            | 2645            |
| 90              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 23.69         | 23.89            | 23.95            | 0.234         | 0.245           | 0.248           |
| Channel         |                         |         |           | 507204        | 518598           | 529998           | 507204        | 518598          | 529998          |
| Frequency (MHz) |                         |         |           | 2536          | 2593             | 2650             | 2536          | 2593            | 2650            |
| 80              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 23.72         | 23.80            | 23.90            | 0.236         | 0.240           | 0.245           |
| Channel         |                         |         |           | 505200        | 518598           | 531996           | 505200        | 518598          | 531996          |
| Frequency (MHz) |                         |         |           | 2526          | 2593             | 2660             | 2526          | 2593            | 2660            |
| 60              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 23.89         | 24.01            | 24.11            | 0.245         | 0.252           | 0.258           |





|                 |                         |   |   |        |        |        |        |        |        |
|-----------------|-------------------------|---|---|--------|--------|--------|--------|--------|--------|
| Channel         |                         |   |   | 504204 | 518598 | 532998 | 504204 | 518598 | 532998 |
| Frequency (MHz) |                         |   |   | 2521   | 2593   | 2665   | 2521   | 2593   | 2665   |
| 50              | DFT-s-OFDM<br>PI/2 BPSK | 1 | 1 | 24.14  | 24.16  | 24.24  | 0.259  | 0.261  | 0.265  |
| Channel         |                         |   |   | 503202 | 518598 | 534000 | 503202 | 518598 | 534000 |
| Frequency (MHz) |                         |   |   | 2516   | 2593   | 2670   | 2516   | 2593   | 2670   |
| 40              | DFT-s-OFDM<br>PI/2 BPSK | 1 | 1 | 24.13  | 24.17  | 24.17  | 0.259  | 0.261  | 0.261  |
| Channel         |                         |   |   | 502200 | 518598 | 534996 | 502200 | 518598 | 534996 |
| Frequency (MHz) |                         |   |   | 2511   | 2593   | 2675   | 2511   | 2593   | 2675   |
| 30              | DFT-s-OFDM<br>PI/2 BPSK | 1 | 1 | 24.25  | 24.00  | 24.29  | 0.266  | 0.251  | 0.269  |
| Channel         |                         |   |   | 501204 | 518598 | 535998 | 501204 | 518598 | 535998 |
| Frequency (MHz) |                         |   |   | 2506   | 2593   | 2680   | 2506   | 2593   | 2680   |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1 | 1 | 23.97  | 23.97  | 24.04  | 0.249  | 0.249  | 0.254  |
| Channel         |                         |   |   | 509202 | 518598 | 528000 | 509202 | 518598 | 528000 |
| Frequency (MHz) |                         |   |   | 2546   | 2593   | 2640   | 2546   | 2593   | 2640   |
| 100             | CP-OFDM<br>QPSK         | 1 | 1 | 22.76  | 22.73  | 23.00  | 0.189  | 0.187  | 0.200  |
| 100             | CP-OFDM<br>16QAM        | 1 | 1 | 22.32  | 22.35  | 22.58  | 0.171  | 0.172  | 0.181  |
| 100             | CP-OFDM<br>64QAM        | 1 | 1 | 20.83  | 20.51  | 20.76  | 0.121  | 0.112  | 0.119  |
| 100             | CP-OFDM<br>256QAM       | 1 | 1 | 17.68  | 17.76  | 17.85  | 0.059  | 0.060  | 0.061  |



| N66             |                         |         |           | Measured EIRP |                 |                 |               |                 |                |
|-----------------|-------------------------|---------|-----------|---------------|-----------------|-----------------|---------------|-----------------|----------------|
| BW [MHz]        | Modulation              | RB Size | RB Offset | LowCh./ Freq. | MiddlCh ./Freq. | HighCh. / Freq. | LowCh. / EIRP | MiddleCh ./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         | 21.00         | 21.09           | 20.93           | 0.126         | 0.129           | 0.124          |
| 20              |                         | 1       | 39        | 20.95         | 21.12           | 20.82           | 0.124         | 0.129           | 0.121          |
| 20              |                         | 1       | 77        | 21.07         | 21.10           | 21.12           | 0.128         | 0.129           | 0.129          |
| 20              |                         | 36      | 1         | 20.88         | 21.04           | 21.00           | 0.122         | 0.127           | 0.126          |
| 20              |                         | 36      | 18        | 20.95         | 21.05           | 21.05           | 0.124         | 0.127           | 0.127          |
| 20              |                         | 36      | 36        | 20.89         | 20.97           | 20.87           | 0.123         | 0.125           | 0.122          |
| 20              |                         | 75      | 0         | 20.94         | 20.99           | 20.79           | 0.124         | 0.126           | 0.120          |
| 20              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 21.14         | 21.28           | 21.03           | 0.130         | 0.134           | 0.127          |
| 20              |                         | 1       | 39        | 21.02         | 21.08           | 21.00           | 0.126         | 0.128           | 0.126          |
| 20              |                         | 1       | 77        | 21.15         | 21.12           | 21.09           | 0.130         | 0.129           | 0.129          |
| 20              |                         | 36      | 1         | 21.16         | 21.26           | 20.77           | 0.131         | 0.134           | 0.119          |
| 20              |                         | 36      | 18        | 20.93         | 21.04           | 20.83           | 0.124         | 0.127           | 0.121          |
| 20              |                         | 36      | 36        | 20.88         | 20.98           | 20.84           | 0.122         | 0.125           | 0.121          |
| 20              |                         | 75      | 0         | 20.96         | 21.15           | 21.24           | 0.125         | 0.130           | 0.133          |
| 20              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 21.15         | 20.68           | 21.03           | 0.130         | 0.117           | 0.127          |
| 20              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 19.88         | 19.84           | 19.74           | 0.097         | 0.096           | 0.094          |
| 20              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 17.96         | 17.86           | 17.77           | 0.063         | 0.061           | 0.060          |
| 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         | 21.10         | 21.27           | 21.04           | 0.129         | 0.134           | 0.127          |
| 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         | 20.70         | 20.92           | 20.68           | 0.117         | 0.124           | 0.117          |
| 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         | 21.06         | 21.27           | 21.20           | 0.128         | 0.134           | 0.132          |



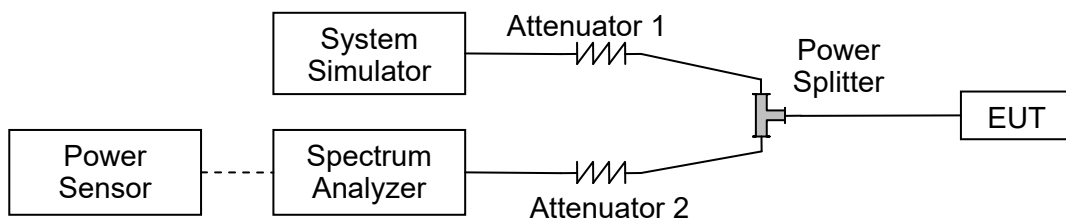
| Channel         |                   |   |   | 344000 | 349000 | 354000 | 344000 | 349000 | 354000 |
|-----------------|-------------------|---|---|--------|--------|--------|--------|--------|--------|
| Frequency (MHz) |                   |   |   | 1720   | 1745   | 1770   | 1720   | 1745   | 1770   |
| 20              | CP-OFDM<br>QPSK   | 1 | 1 | 21.06  | 21.12  | 20.94  | 0.128  | 0.129  | 0.124  |
| 20              | CP-OFDM<br>16QAM  | 1 | 1 | 20.78  | 20.82  | 20.57  | 0.120  | 0.121  | 0.114  |
| 20              | CP-OFDM<br>64QAM  | 1 | 1 | 18.84  | 18.96  | 18.69  | 0.077  | 0.079  | 0.074  |
| 20              | CP-OFDM<br>256QAM | 1 | 1 | 15.98  | 16.05  | 15.88  | 0.040  | 0.040  | 0.039  |

## 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

| N5      |              |            |           |             |              |
|---------|--------------|------------|-----------|-------------|--------------|
| BW(MHz) | ChannelLevel | Modulation |           | 99% BW(MHz) | 26dB BW(MHz) |
| 5       | Low          | DFT-s-OFDM | PI/2 BPSK | 4.4995      | 4.657        |
|         | Low          |            | QPSK      | 4.5026      | 4.705        |
|         | Low          |            | 16QAM     | 4.5057      | 4.661        |
|         | Low          |            | 64QAM     | 4.4790      | 4.648        |
|         | Low          |            | 256QAM    | 4.3658      | 4.617        |
|         | Low          | CP-OFDM    | QPSK      | 4.4880      | 4.698        |
|         | Mid          | DFT-s-OFDM | PI/2 BPSK | 4.4938      | 4.721        |
|         | Mid          |            | QPSK      | 4.5036      | 4.694        |
|         | Mid          |            | 16QAM     | 4.5066      | 4.706        |
|         | Mid          |            | 64QAM     | 4.4947      | 4.705        |
|         | Mid          |            | 256QAM    | 4.5128      | 4.722        |
|         | Mid          | CP-OFDM    | QPSK      | 4.4461      | 4.687        |
|         | High         | DFT-s-OFDM | PI/2 BPSK | 4.5216      | 4.703        |
|         | High         |            | QPSK      | 4.5186      | 4.681        |
|         | High         |            | 16QAM     | 4.5236      | 4.677        |
|         | High         |            | 64QAM     | 4.5077      | 4.683        |
|         | High         |            | 256QAM    | 4.4986      | 4.677        |
|         | High         | CP-OFDM    | QPSK      | 4.497       | 4.709        |
| 10      | Low          | DFT-s-OFDM | PI/2 BPSK | 9.0067      | 9.373        |
|         | Low          |            | QPSK      | 9.0104      | 9.587        |
|         | Low          |            | 16QAM     | 9.0347      | 9.744        |
|         | Low          |            | 64QAM     | 8.9847      | 9.306        |
|         | Low          |            | 256QAM    | 9.0263      | 9.425        |
|         | Low          | CP-OFDM    | QPSK      | 9.3661      | 9.73         |
|         | Mid          | DFT-s-OFDM | PI/2 BPSK | 9.0643      | 9.323        |
|         | Mid          |            | QPSK      | 9.0711      | 9.516        |
|         | Mid          |            | 16QAM     | 9.0462      | 9.664        |
|         | Mid          |            | 64QAM     | 9.0614      | 9.593        |
|         | Mid          |            | 256QAM    | 9.0751      | 9.385        |
|         | Mid          | CP-OFDM    | QPSK      | 9.4083      | 9.819        |
|         | High         | DFT-s-OFDM | PI/2 BPSK | 8.9896      | 9.552        |
|         | High         |            | QPSK      | 9.0361      | 9.7          |
|         | High         |            | 16QAM     | 8.9326      | 9.501        |



|      |      |            |            |           |        |       |
|------|------|------------|------------|-----------|--------|-------|
|      | High | CP-OFDM    | 64QAM      | 8.9336    | 9.467  |       |
|      | High |            | 256QAM     | 8.9290    | 9.475  |       |
|      | High |            | QPSK       | 9.2849    | 9.943  |       |
| 15   | Low  | DFT-s-OFDM | PI/2 BPSK  | 13.486    | 14.13  |       |
|      | Low  |            | QPSK       | 13.55     | 14.88  |       |
|      | Low  |            | 16QAM      | 13.537    | 14.05  |       |
|      | Low  |            | 64QAM      | 13.582    | 14.13  |       |
|      | Low  |            | 256QAM     | 13.568    | 14.43  |       |
|      | Low  | CP-OFDM    | QPSK       | 14.307    | 15.52  |       |
|      | Mid  | DFT-s-OFDM | PI/2 BPSK  | 13.572    | 14.11  |       |
|      | Mid  |            | QPSK       | 13.587    | 14.44  |       |
|      | Mid  |            | 16QAM      | 13.647    | 14.03  |       |
|      | Mid  |            | 64QAM      | 13.595    | 14.08  |       |
|      | Mid  |            | 256QAM     | 13.567    | 14.09  |       |
|      | Mid  | CP-OFDM    | QPSK       | 14.154    | 17.36  |       |
|      | 20   | High       | DFT-s-OFDM | PI/2 BPSK | 13.55  | 14.07 |
|      |      | High       |            | QPSK      | 13.579 | 14.06 |
|      |      | High       |            | 16QAM     | 13.601 | 14.42 |
| High |      | 64QAM      |            | 13.498    | 14.66  |       |
| High |      | 256QAM     |            | 13.579    | 14.61  |       |
| High |      | CP-OFDM    | QPSK       | 14.297    | 14.73  |       |
| 20   |      | Low        | DFT-s-OFDM | PI/2 BPSK | 18.103 | 19.72 |
|      |      | Low        |            | QPSK      | 18.199 | 19.38 |
|      |      | Low        |            | 16QAM     | 17.898 | 20.97 |
|      |      | Low        |            | 64QAM     | 18.176 | 19.46 |
|      | Low  | 256QAM     |            | 18.107    | 19.2   |       |
|      | Low  | CP-OFDM    | QPSK       | 18.887    | 20.04  |       |
|      | Mid  | DFT-s-OFDM | PI/2 BPSK  | 18.049    | 18.72  |       |
|      | Mid  |            | QPSK       | 18.125    | 18.74  |       |
|      | Mid  |            | 16QAM      | 18.109    | 18.96  |       |
|      | Mid  |            | 64QAM      | 18.031    | 18.95  |       |
|      | Mid  |            | 256QAM     | 18.055    | 18.72  |       |
|      | Mid  | CP-OFDM    | QPSK       | 19.302    | 20.29  |       |
|      | 20   | High       | DFT-s-OFDM | PI/2 BPSK | 18.044 | 18.64 |
|      |      | High       |            | QPSK      | 18.161 | 19.6  |
|      |      | High       |            | 16QAM     | 18.098 | 19.32 |
| High |      | 64QAM      |            | 17.78     | 18.52  |       |
| High |      | 256QAM     |            | 18.106    | 18.62  |       |



|                | High                | CP-OFDM           | QPSK      | 19.096             | 19.77               |
|----------------|---------------------|-------------------|-----------|--------------------|---------------------|
| <b>N7</b>      |                     |                   |           |                    |                     |
| <b>BW(MHz)</b> | <b>ChannelLevel</b> | <b>Modulation</b> |           | <b>99% BW(MHz)</b> | <b>26dB BW(MHz)</b> |
| 5              | Low                 | DFT-s-OFDM        | PI/2 BPSK | 4.5133             | 4.809               |
|                | Low                 |                   | QPSK      | 4.5168             | 4.915               |
|                | Low                 |                   | 16QAM     | 4.5123             | 4.877               |
|                | Low                 |                   | 64QAM     | 4.523              | 4.703               |
|                | Low                 |                   | 256QAM    | 4.5201             | 4.827               |
|                | Low                 | CP-OFDM           | QPSK      | 4.5091             | 4.806               |
|                | Mid                 | DFT-s-OFDM        | PI/2 BPSK | 4.5057             | 4.86                |
|                | Mid                 |                   | QPSK      | 4.5117             | 4.728               |
|                | Mid                 |                   | 16QAM     | 4.5222             | 4.79                |
|                | Mid                 |                   | 64QAM     | 4.5182             | 4.825               |
|                | Mid                 |                   | 256QAM    | 4.5197             | 4.723               |
|                | Mid                 | CP-OFDM           | QPSK      | 4.4982             | 4.701               |
|                | High                | DFT-s-OFDM        | PI/2 BPSK | 4.5189             | 4.735               |
|                | High                |                   | QPSK      | 4.5093             | 4.722               |
|                | High                |                   | 16QAM     | 4.5183             | 4.798               |
|                | High                |                   | 64QAM     | 4.5142             | 4.797               |
|                | High                |                   | 256QAM    | 4.5118             | 4.702               |
|                | High                | CP-OFDM           | QPSK      | 4.5166             | 4.808               |
| 10             | Low                 | DFT-s-OFDM        | PI/2 BPSK | 9.0068             | 9.832               |
|                | Low                 |                   | QPSK      | 9.1136             | 9.778               |
|                | Low                 |                   | 16QAM     | 9.1267             | 9.863               |
|                | Low                 |                   | 64QAM     | 9.0586             | 9.707               |
|                | Low                 |                   | 256QAM    | 8.9904             | 9.358               |
|                | Low                 | CP-OFDM           | QPSK      | 9.3845             | 9.733               |
|                | Mid                 | DFT-s-OFDM        | PI/2 BPSK | 9.0634             | 9.687               |
|                | Mid                 |                   | QPSK      | 9.0181             | 9.349               |
|                | Mid                 |                   | 16QAM     | 8.9703             | 9.666               |
|                | Mid                 |                   | 64QAM     | 9.0791             | 9.483               |
|                | Mid                 |                   | 256QAM    | 9.0535             | 9.398               |
|                | Mid                 | CP-OFDM           | QPSK      | 9.3231             | 9.749               |
|                | High                | DFT-s-OFDM        | PI/2 BPSK | 9.0895             | 9.846               |
|                | High                |                   | QPSK      | 9.0322             | 9.429               |
|                | High                |                   | 16QAM     | 9.0153             | 9.543               |
|                | High                |                   | 64QAM     | 9.0127             | 9.82                |



|      |         |            |            |           |        |       |
|------|---------|------------|------------|-----------|--------|-------|
|      | High    |            | 256QAM     | 9.0947    | 9.415  |       |
|      | High    | CP-OFDM    | QPSK       | 9.3915    | 10.06  |       |
| 15   | Low     | DFT-s-OFDM | PI/2 BPSK  | 13.597    | 14.7   |       |
|      | Low     |            | QPSK       | 13.631    | 14.55  |       |
|      | Low     |            | 16QAM      | 13.54     | 14.05  |       |
|      | Low     |            | 64QAM      | 13.642    | 14.09  |       |
|      | Low     |            | 256QAM     | 13.765    | 14.36  |       |
|      | Low     | CP-OFDM    | QPSK       | 13.766    | 14.25  |       |
|      | Mid     | DFT-s-OFDM | PI/2 BPSK  | 13.61     | 14.08  |       |
|      | Mid     |            | QPSK       | 13.634    | 14.56  |       |
|      | Mid     |            | 16QAM      | 13.603    | 14.09  |       |
|      | Mid     |            | 64QAM      | 13.526    | 14.06  |       |
|      | Mid     |            | 256QAM     | 13.548    | 14.56  |       |
|      | Mid     | CP-OFDM    | QPSK       | 14.227    | 15.24  |       |
|      | High    | DFT-s-OFDM | PI/2 BPSK  | 13.61     | 14.09  |       |
|      | High    |            | QPSK       | 13.643    | 14.07  |       |
|      | High    |            | 16QAM      | 13.613    | 14.06  |       |
|      | High    |            | 64QAM      | 13.612    | 14.08  |       |
|      | High    |            | 256QAM     | 13.589    | 14.09  |       |
|      | High    | CP-OFDM    | QPSK       | 14.274    | 15.24  |       |
|      | 20      | Low        | DFT-s-OFDM | PI/2 BPSK | 18.146 | 18.75 |
|      |         | Low        |            | QPSK      | 18.212 | 18.8  |
| Low  |         | 16QAM      |            | 18.125    | 19.52  |       |
| Low  |         | 64QAM      |            | 18.177    | 18.7   |       |
| Low  |         | 256QAM     |            | 18.201    | 18.77  |       |
| Low  |         | CP-OFDM    | QPSK       | 19.268    | 19.83  |       |
| Mid  |         | DFT-s-OFDM | PI/2 BPSK  | 18.103    | 18.77  |       |
| Mid  |         |            | QPSK       | 18.227    | 19.3   |       |
| Mid  |         |            | 16QAM      | 18.153    | 18.89  |       |
| Mid  |         |            | 64QAM      | 18.185    | 18.96  |       |
| Mid  |         |            | 256QAM     | 18.142    | 18.7   |       |
| Mid  |         | CP-OFDM    | QPSK       | 19.248    | 20.55  |       |
| High |         | DFT-s-OFDM | PI/2 BPSK  | 17.899    | 19.0   |       |
| High |         |            | QPSK       | 18.183    | 18.73  |       |
| High |         |            | 16QAM      | 18.171    | 19.05  |       |
| High |         |            | 64QAM      | 18.231    | 18.91  |       |
| High | 256QAM  |            | 18.121     | 19.09     |        |       |
| High | CP-OFDM | QPSK       | 18.069     | 18.81     |        |       |





| N38     |              |            |           |             |              |
|---------|--------------|------------|-----------|-------------|--------------|
| BW(MHz) | ChannelLevel | Modulation |           | 99% BW(MHz) | 26dB BW(MHz) |
| 20      | Low          | DFT-s-OFDM | PI/2 BPSK | 18.08       | 18.77        |
|         | Low          |            | QPSK      | 18.168      | 18.76        |
|         | Low          |            | 16QAM     | 18.084      | 18.97        |
|         | Low          |            | 64QAM     | 18.162      | 18.9         |
|         | Low          |            | 256QAM    | 18.046      | 19.04        |
|         | Low          | CP-OFDM    | QPSK      | 18.157      | 18.95        |
|         | Mid          | DFT-s-OFDM | PI/2 BPSK | 18.232      | 18.9         |
|         | Mid          |            | QPSK      | 18.164      | 18.89        |
|         | Mid          |            | 16QAM     | 18.171      | 18.79        |
|         | Mid          |            | 64QAM     | 18.164      | 18.9         |
|         | Mid          |            | 256QAM    | 18.129      | 18.92        |
|         | Mid          | CP-OFDM    | QPSK      | 18.176      | 19.15        |
|         | High         | DFT-s-OFDM | PI/2 BPSK | 18.128      | 18.81        |
|         | High         |            | QPSK      | 18.193      | 18.77        |
|         | High         |            | 16QAM     | 18.124      | 19.32        |
|         | High         |            | 64QAM     | 18.15       | 18.74        |
|         | High         |            | 256QAM    | 18.129      | 18.78        |
|         | High         | CP-OFDM    | QPSK      | 18.071      | 18.81        |
| 40      | Low          | DFT-s-OFDM | PI/2 BPSK | 36.543      | 37.46        |
|         | Low          |            | QPSK      | 36.523      | 37.55        |
|         | Low          |            | 16QAM     | 36.364      | 37.57        |
|         | Low          |            | 64QAM     | 36.346      | 37.34        |
|         | Low          |            | 256QAM    | 36.545      | 37.89        |
|         | Low          | CP-OFDM    | QPSK      | 36.467      | 37.82        |
|         | Mid          | DFT-s-OFDM | PI/2 BPSK | 36.538      | 38.73        |
|         | Mid          |            | QPSK      | 36.143      | 37.17        |
|         | Mid          |            | 16QAM     | 36.57       | 37.52        |
|         | Mid          |            | 64QAM     | 36.55       | 37.55        |
|         | Mid          |            | 256QAM    | 36.49       | 37.68        |
|         | Mid          | CP-OFDM    | QPSK      | 36.552      | 37.69        |
|         | High         | DFT-s-OFDM | PI/2 BPSK | 36.358      | 37.32        |
|         | High         |            | QPSK      | 36.565      | 38.41        |
|         | High         |            | 16QAM     | 36.615      | 37.7         |
|         | High         |            | 64QAM     | 36.515      | 37.42        |
|         | High         |            | 256QAM    | 36.451      | 38.6         |



REPORT No.: SZ21040341W12

|  |      |         |      |        |       |
|--|------|---------|------|--------|-------|
|  | High | CP-OFDM | QPSK | 36.354 | 37.65 |
|--|------|---------|------|--------|-------|



| N41     |              |            |           |             |              |
|---------|--------------|------------|-----------|-------------|--------------|
| BW(MHz) | ChannelLevel | Modulation |           | 99% BW(MHz) | 26dB BW(MHz) |
| 20      | Low          | DFT-s-OFDM | PI/2 BPSK | 18.2        | 19.11        |
|         | Low          |            | QPSK      | 18.059      | 18.71        |
|         | Low          |            | 16QAM     | 18.106      | 18.81        |
|         | Low          |            | 64QAM     | 18.087      | 18.74        |
|         | Low          |            | 256QAM    | 18.193      | 18.86        |
|         | Low          | CP-OFDM    | QPSK      | 18.184      | 18.69        |
|         | Mid          | DFT-s-OFDM | PI/2 BPSK | 18.204      | 18.79        |
|         | Mid          |            | QPSK      | 18.058      | 19.01        |
|         | Mid          |            | 16QAM     | 18.127      | 18.74        |
|         | Mid          |            | 64QAM     | 18.079      | 18.86        |
|         | Mid          |            | 256QAM    | 18.05       | 18.89        |
|         | Mid          | CP-OFDM    | QPSK      | 18.182      | 18.66        |
|         | High         | DFT-s-OFDM | PI/2 BPSK | 18.188      | 18.82        |
|         | High         |            | QPSK      | 18.084      | 18.81        |
|         | High         |            | 16QAM     | 18.014      | 18.87        |
|         | High         |            | 64QAM     | 18.057      | 18.83        |
| High    | 256QAM       |            | 18.158    | 19.0        |              |
| High    | CP-OFDM      | QPSK       | 18.147    | 18.76       |              |
| 30      | Low          | DFT-s-OFDM | PI/2 BPSK | 27.361      | 28.4         |
|         | Low          |            | QPSK      | 27.305      | 29.21        |
|         | Low          |            | 16QAM     | 27.359      | 28.33        |
|         | Low          |            | 64QAM     | 27.391      | 28.42        |
|         | Low          |            | 256QAM    | 27.397      | 28.55        |
|         | Low          | CP-OFDM    | QPSK      | 27.402      | 28.19        |
|         | Mid          | DFT-s-OFDM | PI/2 BPSK | 27.418      | 28.3         |
|         | Mid          |            | QPSK      | 27.407      | 28.25        |
|         | Mid          |            | 16QAM     | 27.311      | 29.07        |
|         | Mid          |            | 64QAM     | 27.387      | 28.26        |
|         | Mid          |            | 256QAM    | 27.342      | 28.33        |
|         | Mid          | CP-OFDM    | QPSK      | 27.446      | 28.49        |
|         | High         | DFT-s-OFDM | PI/2 BPSK | 27.327      | 28.28        |
|         | High         |            | QPSK      | 27.454      | 28.26        |
|         | High         |            | 16QAM     | 27.367      | 28.25        |
|         | High         |            | 64QAM     | 27.407      | 28.51        |
| High    | 256QAM       |            | 27.309    | 28.27       |              |



|    |      |            |           |        |       |
|----|------|------------|-----------|--------|-------|
|    | High | CP-OFDM    | QPSK      | 27.396 | 28.48 |
| 40 | Low  | DFT-s-OFDM | PI/2 BPSK | 36.231 | 37.94 |
|    | Low  |            | QPSK      | 36.518 | 37.83 |
|    | Low  |            | 16QAM     | 36.559 | 38.56 |
|    | Low  |            | 64QAM     | 36.669 | 37.68 |
|    | Low  |            | 256QAM    | 36.558 | 37.75 |
|    | Low  |            | CP-OFDM   | QPSK   | 36.58 |
|    | Mid  | DFT-s-OFDM | PI/2 BPSK | 36.558 | 37.81 |
|    | Mid  |            | QPSK      | 36.369 | 38.85 |
|    | Mid  |            | 16QAM     | 36.391 | 37.71 |
|    | Mid  |            | 64QAM     | 36.549 | 37.67 |
|    | Mid  |            | 256QAM    | 36.357 | 37.35 |
|    | Mid  | CP-OFDM    | QPSK      | 36.255 | 37.45 |
|    | High | DFT-s-OFDM | PI/2 BPSK | 36.462 | 38.0  |
|    | High |            | QPSK      | 36.322 | 37.69 |
|    | High |            | 16QAM     | 36.485 | 37.4  |
|    | High |            | 64QAM     | 36.453 | 37.44 |
|    | High |            | 256QAM    | 36.448 | 37.6  |
|    | High | CP-OFDM    | QPSK      | 36.399 | 38.91 |
| 50 | Low  | DFT-s-OFDM | PI/2 BPSK | 46.684 | 48.14 |
|    | Low  |            | QPSK      | 46.828 | 48.3  |
|    | Low  |            | 16QAM     | 46.601 | 48.29 |
|    | Low  |            | 64QAM     | 46.001 | 48.24 |
|    | Low  |            | 256QAM    | 46.87  | 47.93 |
|    | Low  | CP-OFDM    | QPSK      | 46.572 | 48.36 |
|    | Mid  | DFT-s-OFDM | PI/2 BPSK | 46.698 | 48.11 |
|    | Mid  |            | QPSK      | 46.711 | 48.19 |
|    | Mid  |            | 16QAM     | 46.761 | 48.06 |
|    | Mid  |            | 64QAM     | 46.714 | 48.73 |
|    | Mid  |            | 256QAM    | 46.809 | 48.01 |
|    | Mid  | CP-OFDM    | QPSK      | 46.611 | 48.23 |
|    | High | DFT-s-OFDM | PI/2 BPSK | 46.627 | 48.83 |
|    | High |            | QPSK      | 46.645 | 49.66 |
|    | High |            | 16QAM     | 46.604 | 47.89 |
|    | High |            | 64QAM     | 46.751 | 49.29 |
|    | High |            | 256QAM    | 46.534 | 49.19 |
|    | High | CP-OFDM    | QPSK      | 46.675 | 48.1  |
|    | Low  | DFT-s-OFDM | PI/2 BPSK | 59.013 | 61.19 |



|      |         |            |           |        |       |
|------|---------|------------|-----------|--------|-------|
| 60   | Low     |            | QPSK      | 59.016 | 60.88 |
|      | Low     |            | 16QAM     | 59.005 | 61.06 |
|      | Low     |            | 64QAM     | 58.986 | 60.72 |
|      | Low     |            | 256QAM    | 59.18  | 60.9  |
|      | Low     | CP-OFDM    | QPSK      | 59.216 | 62.3  |
|      | Mid     | DFT-s-OFDM | PI/2 BPSK | 59.079 | 60.85 |
|      | Mid     |            | QPSK      | 58.809 | 60.76 |
|      | Mid     |            | 16QAM     | 58.899 | 60.82 |
|      | Mid     |            | 64QAM     | 59.047 | 60.69 |
|      | Mid     |            | 256QAM    | 58.871 | 60.36 |
|      | Mid     | CP-OFDM    | QPSK      | 59.106 | 60.73 |
|      | High    | DFT-s-OFDM | PI/2 BPSK | 58.872 | 60.84 |
|      | High    |            | QPSK      | 58.985 | 60.9  |
|      | High    |            | 16QAM     | 58.931 | 60.83 |
|      | High    |            | 64QAM     | 58.87  | 60.75 |
| High | 256QAM  |            | 58.936    | 62.01  |       |
| High | CP-OFDM | QPSK       | 58.813    | 60.75  |       |
| 80   | Low     | DFT-s-OFDM | PI/2 BPSK | 78.661 | 81.29 |
|      | Low     |            | QPSK      | 78.921 | 81.29 |
|      | Low     |            | 16QAM     | 78.745 | 81.22 |
|      | Low     |            | 64QAM     | 78.883 | 82.79 |
|      | Low     |            | 256QAM    | 78.888 | 81.38 |
|      | Low     | CP-OFDM    | QPSK      | 78.803 | 81.36 |
|      | Mid     | DFT-s-OFDM | PI/2 BPSK | 78.398 | 80.47 |
|      | Mid     |            | QPSK      | 78.745 | 82.92 |
|      | Mid     |            | 16QAM     | 78.577 | 80.59 |
|      | Mid     |            | 64QAM     | 78.778 | 80.68 |
|      | Mid     |            | 256QAM    | 77.565 | 80.31 |
|      | Mid     | CP-OFDM    | QPSK      | 78.967 | 81.06 |
|      | High    | DFT-s-OFDM | PI/2 BPSK | 78.263 | 80.93 |
|      | High    |            | QPSK      | 78.566 | 82.36 |
|      | High    |            | 16QAM     | 78.364 | 80.64 |
| High | 64QAM   |            | 78.119    | 80.18  |       |
| High | 256QAM  |            | 78.415    | 81.86  |       |
| High | CP-OFDM | QPSK       | 78.428    | 80.99  |       |
|      | Low     | DFT-s-OFDM | PI/2 BPSK | 86.271 | 89.44 |
|      | Low     |            | QPSK      | 86.381 | 89.44 |
|      | Low     |            | 16QAM     | 86.441 | 89.68 |



|      |         |            |           |        |        |
|------|---------|------------|-----------|--------|--------|
| 90   | Low     |            | 64QAM     | 86.398 | 89.49  |
|      | Low     |            | 256QAM    | 86.415 | 87.065 |
|      | Low     | CP-OFDM    | QPSK      | 87.065 | 90.28  |
|      | Mid     | DFT-s-OFDM | PI/2 BPSK | 86.670 | 89.64  |
|      | Mid     |            | QPSK      | 86.677 | 89.67  |
|      | Mid     |            | 16QAM     | 86.685 | 89.68  |
|      | Mid     |            | 64QAM     | 86.691 | 89.55  |
|      | Mid     |            | 256QAM    | 86.715 | 89.68  |
|      | Mid     | CP-OFDM    | QPSK      | 87.400 | 91.91  |
|      | High    | DFT-s-OFDM | PI/2 BPSK | 86.423 | 89.64  |
|      | High    |            | QPSK      | 86.515 | 89.54  |
|      | High    |            | 16QAM     | 86.498 | 89.49  |
|      | High    |            | 64QAM     | 86.509 | 89.62  |
|      | High    |            | 256QAM    | 86.469 | 89.53  |
|      | High    | CP-OFDM    | QPSK      | 87.250 | 90.42  |
| 100  | Low     | DFT-s-OFDM | PI/2 BPSK | 98.499 | 101.8  |
|      | Low     |            | QPSK      | 98.515 | 101.8  |
|      | Low     |            | 16QAM     | 97.468 | 101.4  |
|      | Low     |            | 64QAM     | 98.5   | 101.5  |
|      | Low     |            | 256QAM    | 98.303 | 101.6  |
|      | Low     | CP-OFDM    | QPSK      | 98.527 | 101.6  |
|      | Mid     | DFT-s-OFDM | PI/2 BPSK | 98.474 | 101.5  |
|      | Mid     |            | QPSK      | 98.767 | 101.6  |
|      | Mid     |            | 16QAM     | 98.267 | 101.1  |
|      | Mid     |            | 64QAM     | 98.665 | 101.3  |
|      | Mid     |            | 256QAM    | 98.122 | 100.8  |
|      | Mid     | CP-OFDM    | QPSK      | 98.677 | 101.6  |
|      | High    | DFT-s-OFDM | PI/2 BPSK | 98.177 | 101.0  |
|      | High    |            | QPSK      | 97.882 | 101.4  |
|      | High    |            | 16QAM     | 98.143 | 101.1  |
| High | 64QAM   |            | 98.323    | 101.2  |        |
| High | 256QAM  |            | 98.129    | 100.9  |        |
| High | CP-OFDM | QPSK       | 98.151    | 101.4  |        |



| N66     |              |            |           |             |              |
|---------|--------------|------------|-----------|-------------|--------------|
| BW(MHz) | ChannelLevel | Modulation |           | 99% BW(MHz) | 26dB BW(MHz) |
| 5       | Low          | DFT-s-OFDM | PI/2 BPSK | 4.5121      | 4.672        |
|         | Low          |            | QPSK      | 4.5079      | 4.716        |
|         | Low          |            | 16QAM     | 4.53        | 4.718        |
|         | Low          |            | 64QAM     | 4.5115      | 4.842        |
|         | Low          |            | 256QAM    | 4.4765      | 4.697        |
|         | Low          | CP-OFDM    | QPSK      | 4.5063      | 4.703        |
|         | Mid          | DFT-s-OFDM | PI/2 BPSK | 4.4586      | 4.711        |
|         | Mid          |            | QPSK      | 4.5091      | 4.708        |
|         | Mid          |            | 16QAM     | 4.5137      | 4.653        |
|         | Mid          |            | 64QAM     | 4.5111      | 4.704        |
|         | Mid          |            | 256QAM    | 4.5176      | 4.727        |
|         | Mid          | CP-OFDM    | QPSK      | 4.5076      | 4.675        |
|         | High         | DFT-s-OFDM | PI/2 BPSK | 4.5045      | 4.686        |
|         | High         |            | QPSK      | 4.5053      | 4.724        |
|         | High         |            | 16QAM     | 4.4707      | 4.688        |
|         | High         |            | 64QAM     | 4.4704      | 4.64         |
|         | High         |            | 256QAM    | 4.5099      | 4.703        |
|         | High         | CP-OFDM    | QPSK      | 4.4947      | 4.713        |
| 10      | Low          | DFT-s-OFDM | PI/2 BPSK | 9.018       | 9.326        |
|         | Low          |            | QPSK      | 9.027       | 9.371        |
|         | Low          |            | 16QAM     | 8.9622      | 9.284        |
|         | Low          |            | 64QAM     | 9.0165      | 9.388        |
|         | Low          |            | 256QAM    | 9.0497      | 9.399        |
|         | Low          | CP-OFDM    | QPSK      | 9.0449      | 9.418        |
|         | Mid          | DFT-s-OFDM | PI/2 BPSK | 9.0085      | 9.317        |
|         | Mid          |            | QPSK      | 9.0359      | 9.382        |
|         | Mid          |            | 16QAM     | 9.0045      | 9.355        |
|         | Mid          |            | 64QAM     | 9.0129      | 9.423        |
|         | Mid          |            | 256QAM    | 9.0199      | 9.341        |
|         | Mid          | CP-OFDM    | QPSK      | 9.3391      | 9.708        |
|         | High         | DFT-s-OFDM | PI/2 BPSK | 9.0782      | 9.355        |
|         | High         |            | QPSK      | 9.0005      | 9.348        |
|         | High         |            | 16QAM     | 9.0398      | 9.394        |
|         | High         |            | 64QAM     | 9.0613      | 9.378        |
|         | High         |            | 256QAM    | 9.0321      | 9.377        |

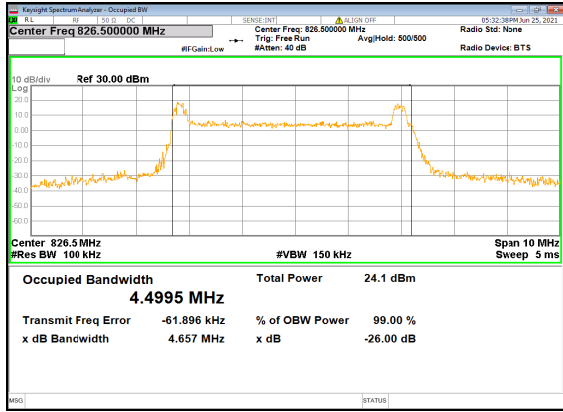


|      |         |            |           |        |       |
|------|---------|------------|-----------|--------|-------|
|      | High    | CP-OFDM    | QPSK      | 9.0862 | 9.425 |
| 15   | Low     | DFT-s-OFDM | PI/2 BPSK | 13.461 | 14.04 |
|      | Low     |            | QPSK      | 13.598 | 14.06 |
|      | Low     |            | 16QAM     | 13.573 | 14.11 |
|      | Low     |            | 64QAM     | 13.579 | 13.97 |
|      | Low     |            | 256QAM    | 13.564 | 14.03 |
|      | Low     |            | CP-OFDM   | QPSK   | 14.26 |
|      | Mid     | DFT-s-OFDM | PI/2 BPSK | 13.501 | 13.98 |
|      | Mid     |            | QPSK      | 13.686 | 14.13 |
|      | Mid     |            | 16QAM     | 13.533 | 14.04 |
|      | Mid     |            | 64QAM     | 13.587 | 14.06 |
|      | Mid     |            | 256QAM    | 13.617 | 14.1  |
|      | Mid     | CP-OFDM    | QPSK      | 13.545 | 14.06 |
|      | High    | DFT-s-OFDM | PI/2 BPSK | 13.556 | 14.09 |
|      | High    |            | QPSK      | 13.55  | 14.06 |
|      | High    |            | 16QAM     | 13.576 | 14.1  |
|      | High    |            | 64QAM     | 13.624 | 14.12 |
|      | High    |            | 256QAM    | 13.542 | 14.01 |
| High | CP-OFDM | QPSK       | 13.577    | 14.08  |       |
| 20   | Low     | DFT-s-OFDM | PI/2 BPSK | 18.086 | 18.75 |
|      | Low     |            | QPSK      | 18.141 | 18.74 |
|      | Low     |            | 16QAM     | 18.107 | 18.77 |
|      | Low     |            | 64QAM     | 18.169 | 18.77 |
|      | Low     |            | 256QAM    | 18.142 | 18.7  |
|      | Low     | CP-OFDM    | QPSK      | 18.079 | 18.75 |
|      | Mid     | DFT-s-OFDM | PI/2 BPSK | 18.02  | 18.66 |
|      | Mid     |            | QPSK      | 18.05  | 18.73 |
|      | Mid     |            | 16QAM     | 18.092 | 18.7  |
|      | Mid     |            | 64QAM     | 18.163 | 18.8  |
|      | Mid     |            | 256QAM    | 18.071 | 18.63 |
|      | Mid     | CP-OFDM    | QPSK      | 19.205 | 19.89 |
|      | High    | DFT-s-OFDM | PI/2 BPSK | 18.106 | 18.71 |
|      | High    |            | QPSK      | 18.107 | 18.72 |
|      | High    |            | 16QAM     | 18.087 | 18.77 |
|      | High    |            | 64QAM     | 18.025 | 18.68 |
|      | High    |            | 256QAM    | 18.307 | 18.86 |
| High | CP-OFDM | QPSK       | 19.178    | 19.83  |       |

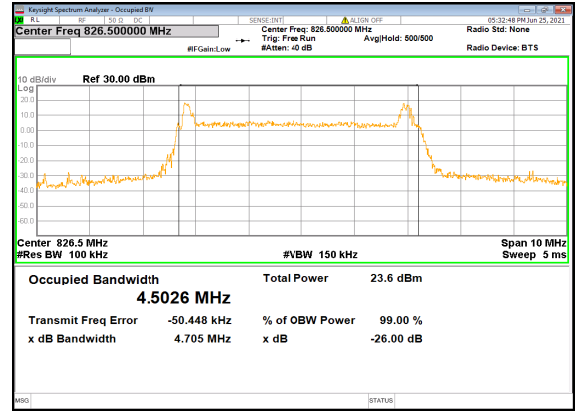




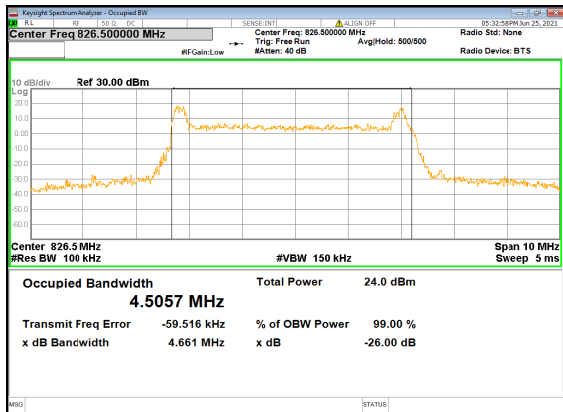
N5(5M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_L  
ow\_CH



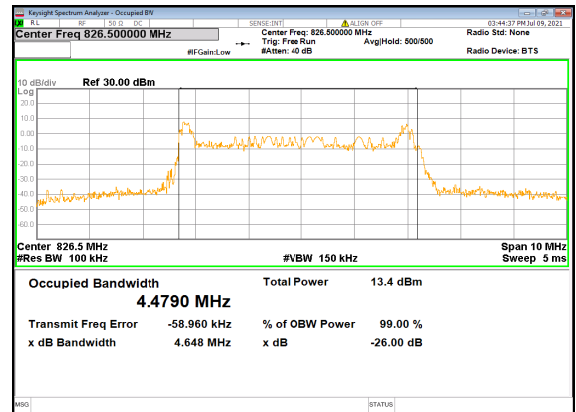
N5(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Lo  
w\_CH



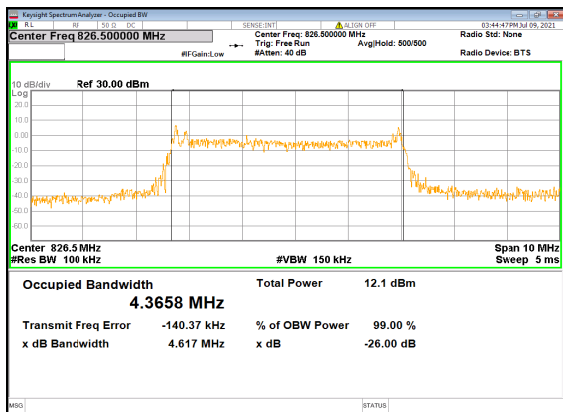
N5(5M)\_DFT-s-OFDM\_16  
QAM\_Outer\_Full\_Low\_CH



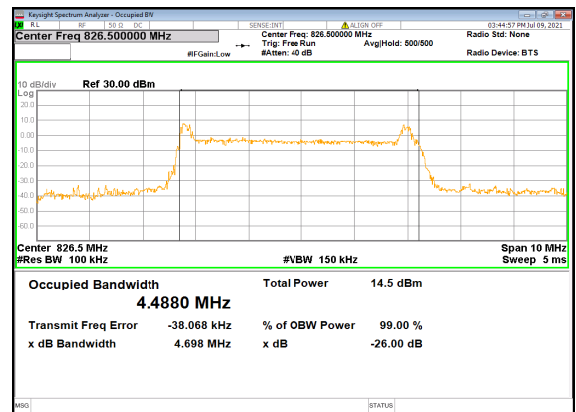
N5(5M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_Low\_CH



N5(5M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_Low\_CH

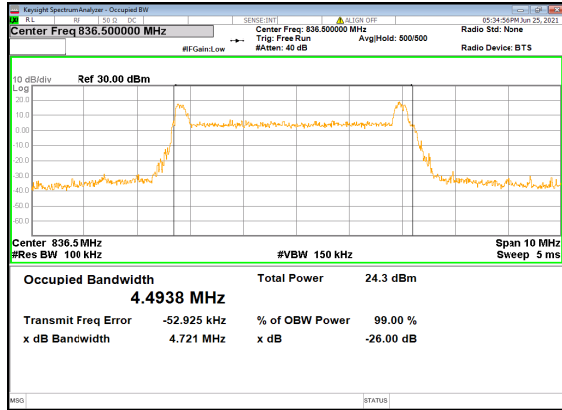


N5(5M)\_CP-OFDM\_QPSK\_Outer\_Full\_Low\_  
CH

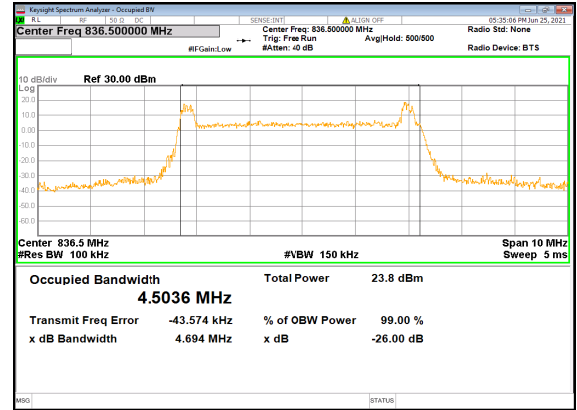




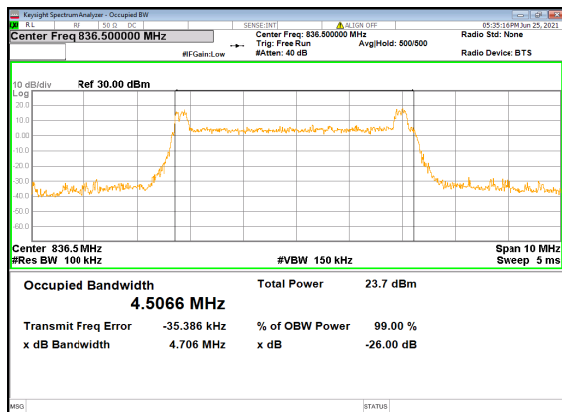
N5(5M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



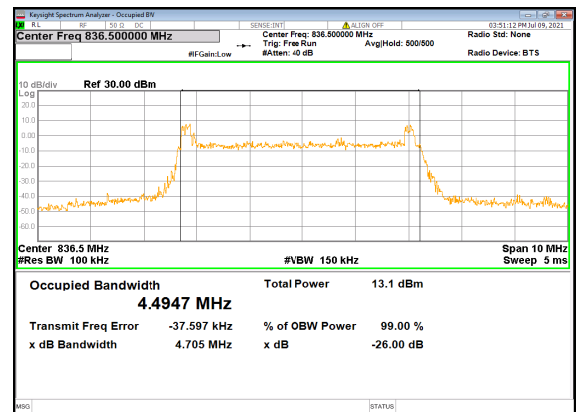
N5(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



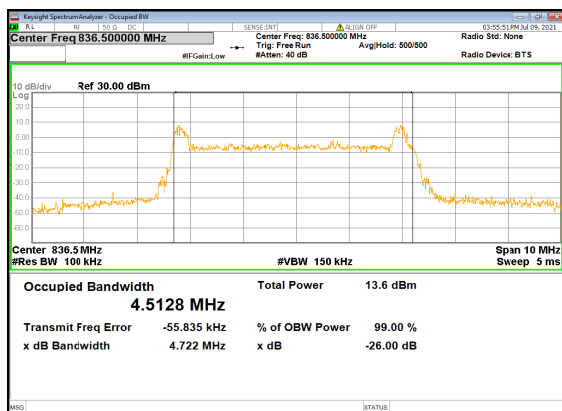
N5(5M)\_DFT-s-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



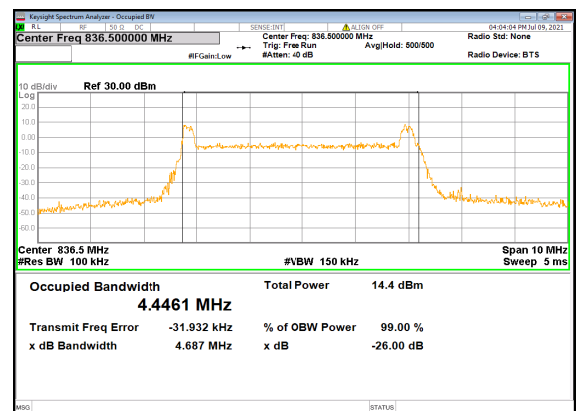
N5(5M)\_DFT-s-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



N5(5M)\_DFT-s-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH

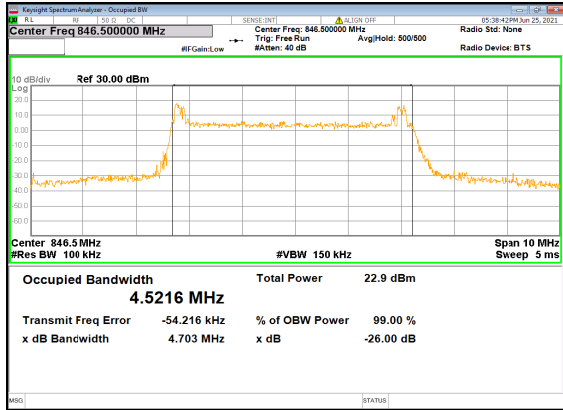


N5(5M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH

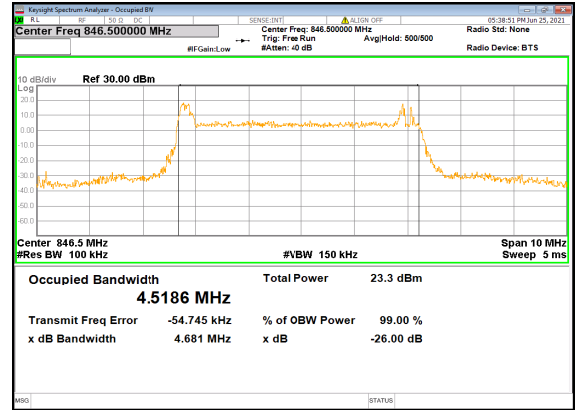




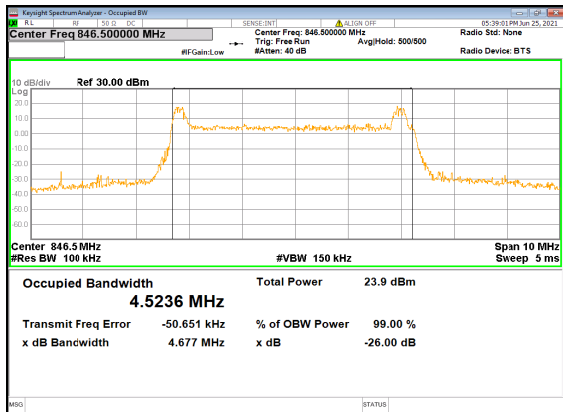
N5(5M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



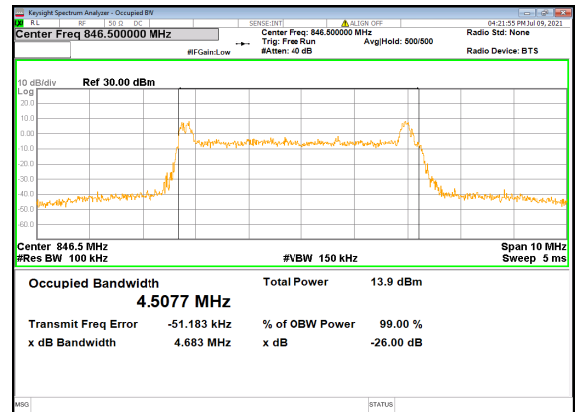
N5(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



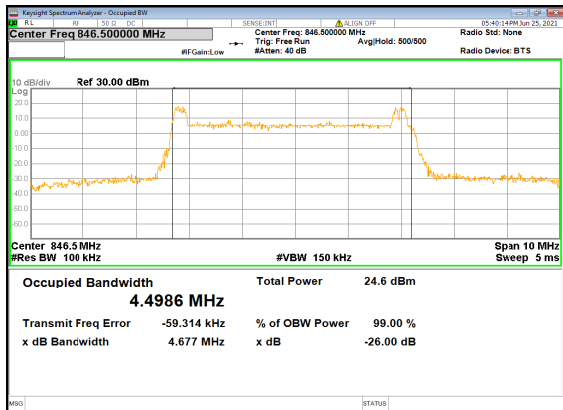
N5(5M)\_DFT-s-OFDM\_16 QAM\_Outer\_Full\_High\_CH



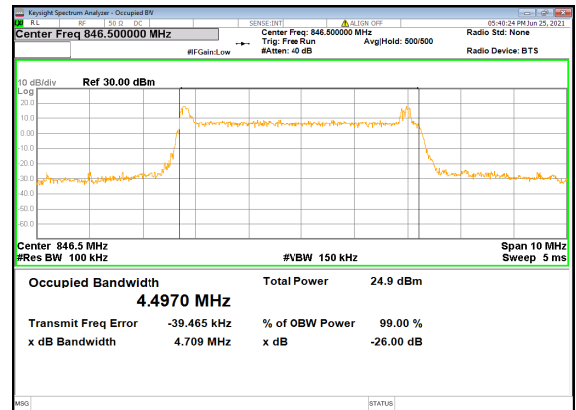
N5(5M)\_DFT-s-OFDM\_64 QAM\_Outer\_Full\_High\_CH



N5(5M)\_DFT-s-OFDM\_256 QAM\_Outer\_Full\_High\_CH

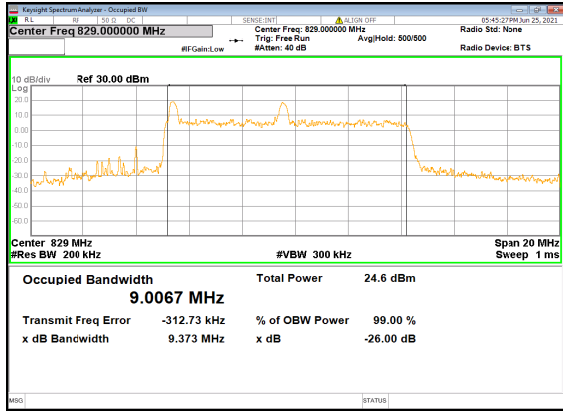


N5(5M)\_CP-OFDM\_QPSK\_Outer\_Full\_High\_CH

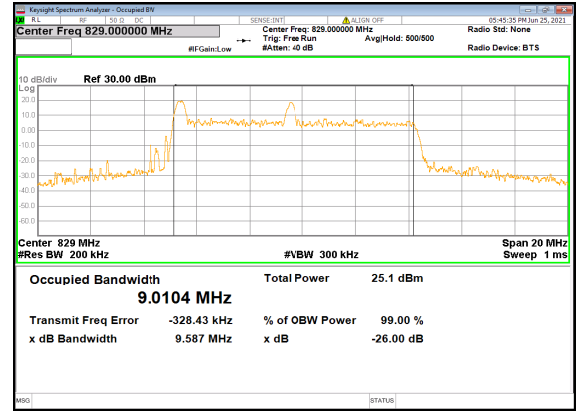




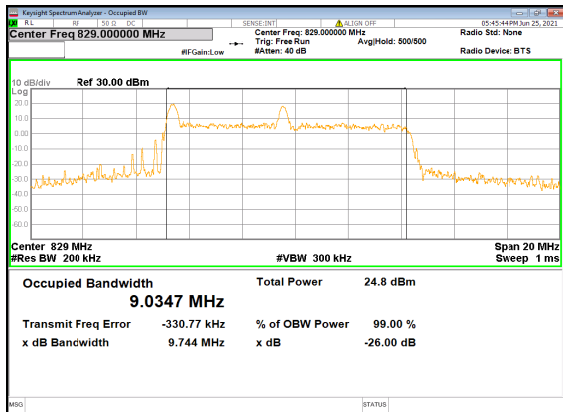
N5(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low\_CH



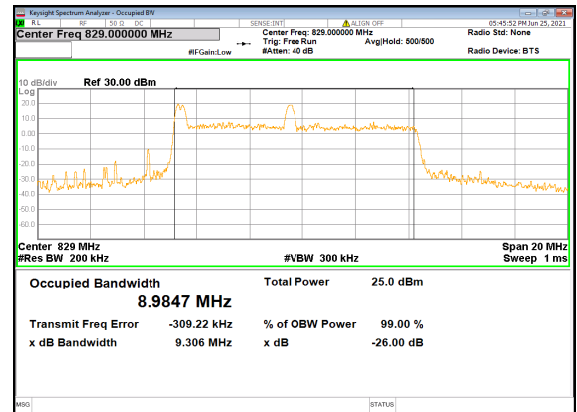
N5(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



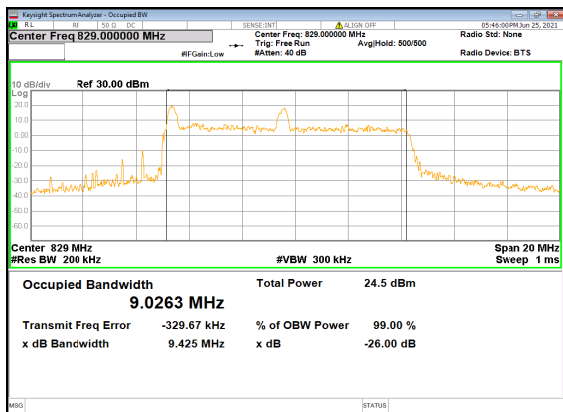
N5(10M)\_DFT-s-OFDM\_16 QAM\_Outer\_Full\_Low\_CH



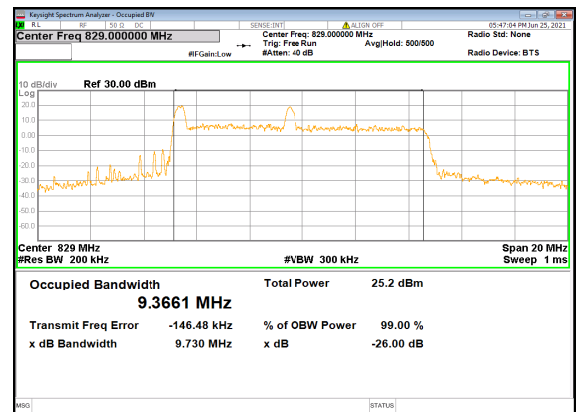
N5(10M)\_DFT-s-OFDM\_64 QAM\_Outer\_Full\_Low\_CH



N5(10M)\_DFT-s-OFDM\_256 QAM\_Outer\_Full\_Low\_CH

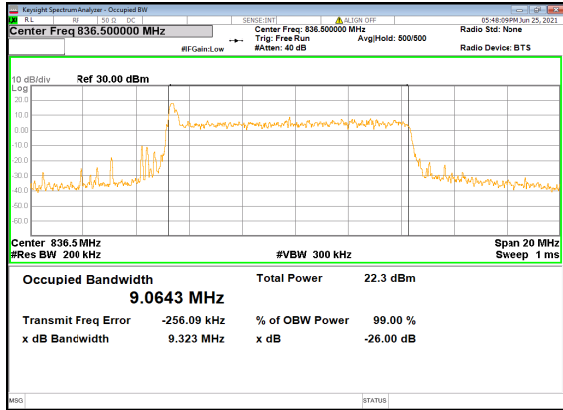


N5(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_Low\_CH

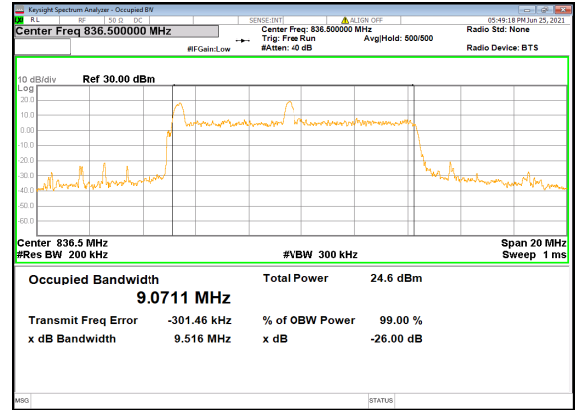




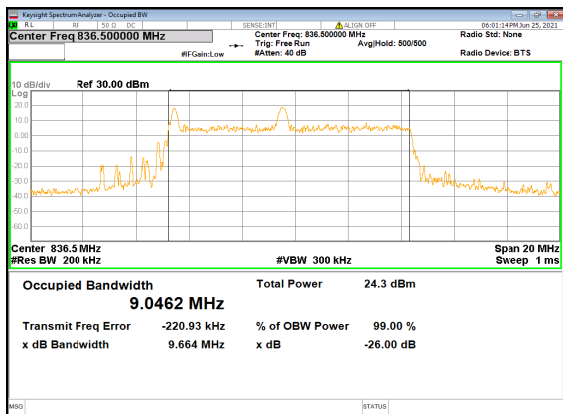
N5(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



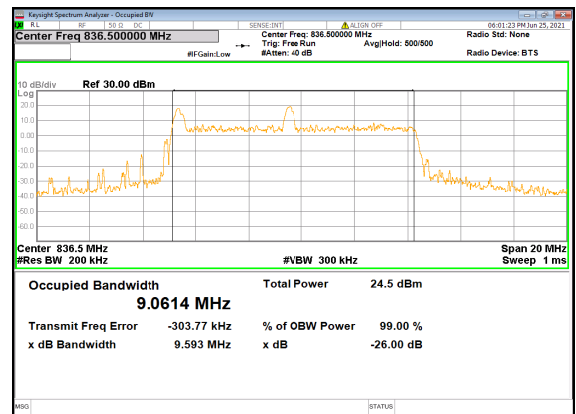
N5(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



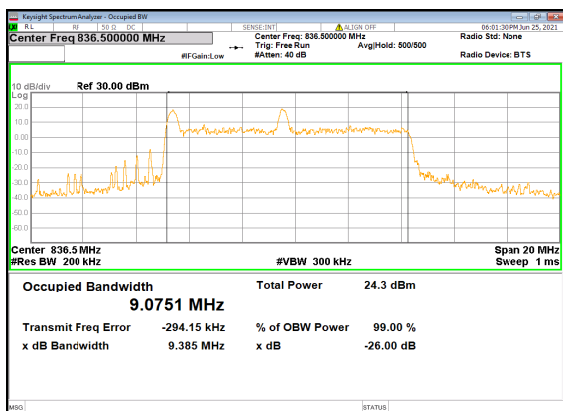
N5(10M)\_DFT-s-OFDM\_16\_QAM\_Outer\_Full\_Mid\_CH



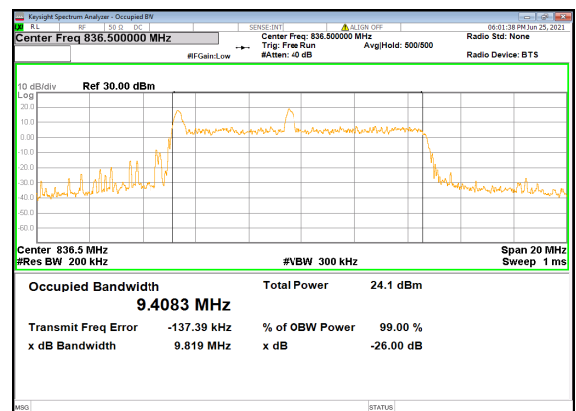
N5(10M)\_DFT-s-OFDM\_64\_QAM\_Outer\_Full\_Mid\_CH



N5(10M)\_DFT-s-OFDM\_256\_QAM\_Outer\_Full\_Mid\_CH

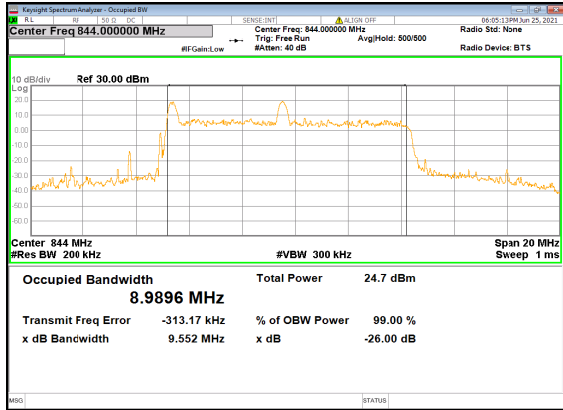


N5(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH

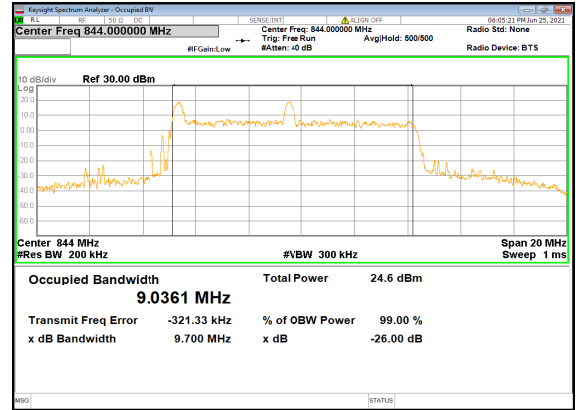




N5(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



N5(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



N5(10M)\_DFT-s-OFDM\_16 QAM\_Outer\_Full\_High\_CH



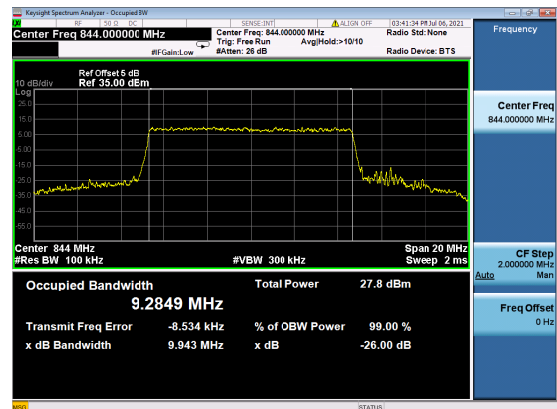
N5(10M)\_DFT-s-OFDM\_64 QAM\_Outer\_Full\_High\_CH



N5(10M)\_DFT-s-OFDM\_256 QAM\_Outer\_Full\_High\_CH

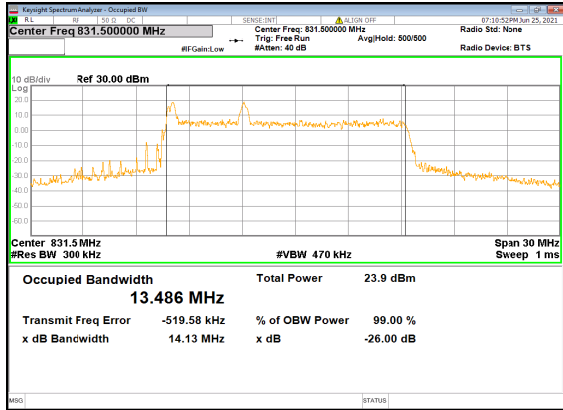


N5(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_High\_CH

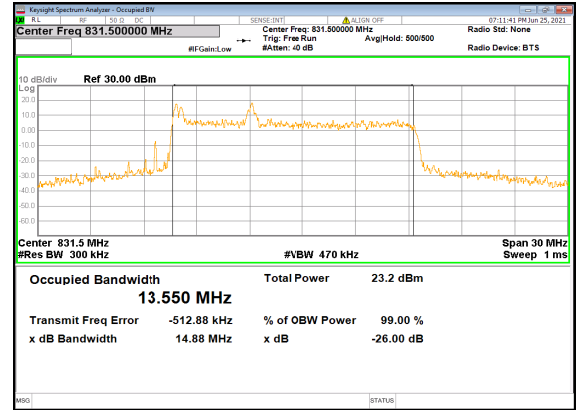




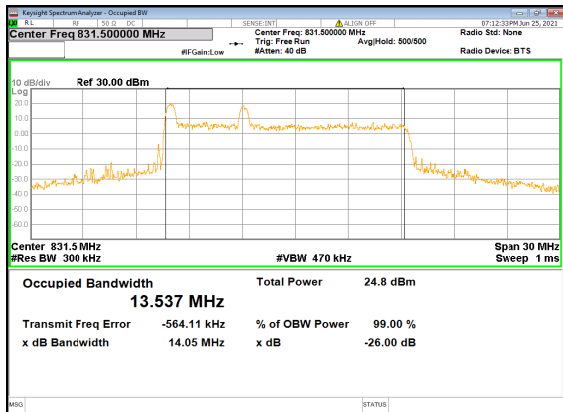
N5(15M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low\_CH



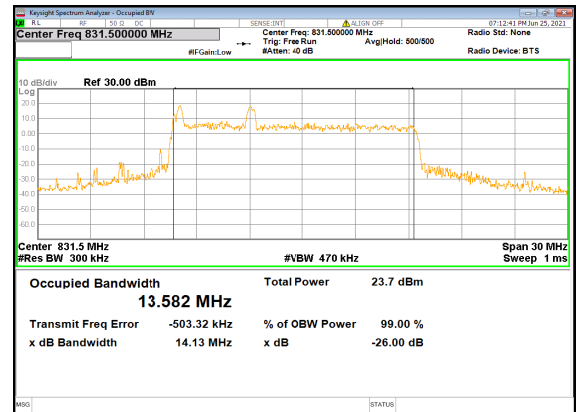
N5(15M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



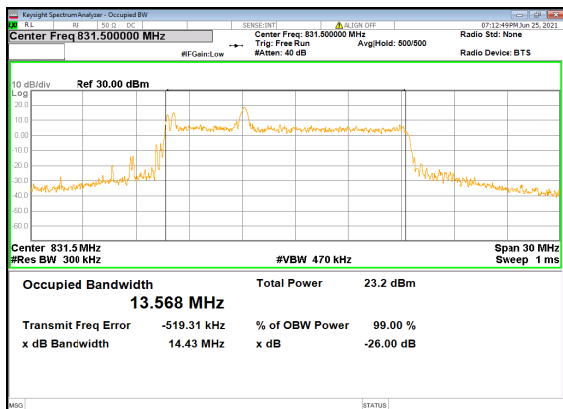
N5(15M)\_DFT-s-OFDM\_16 QAM\_Outer\_Full\_Low\_CH



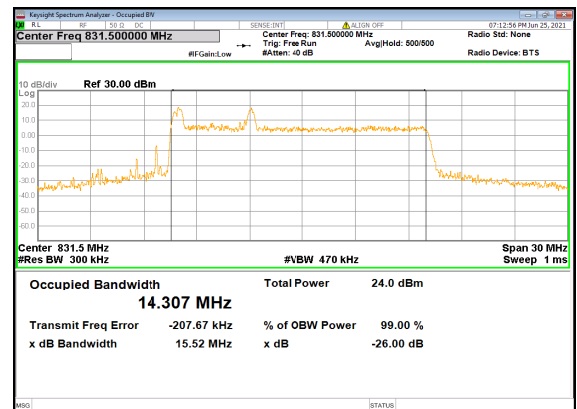
N5(15M)\_DFT-s-OFDM\_64 QAM\_Outer\_Full\_Low\_CH



N5(15M)\_DFT-s-OFDM\_256 QAM\_Outer\_Full\_Low\_CH

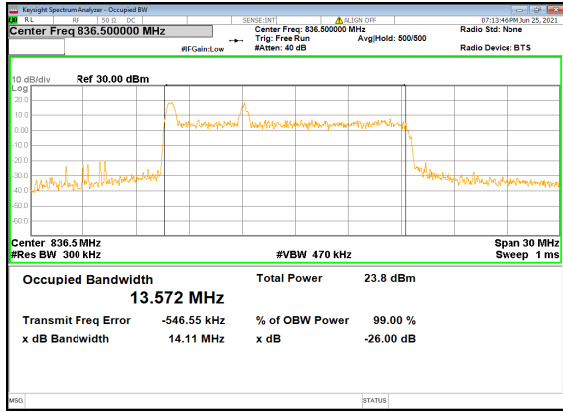


N5(15M)\_CP-OFDM\_QPSK\_Outer\_Full\_Low\_CH

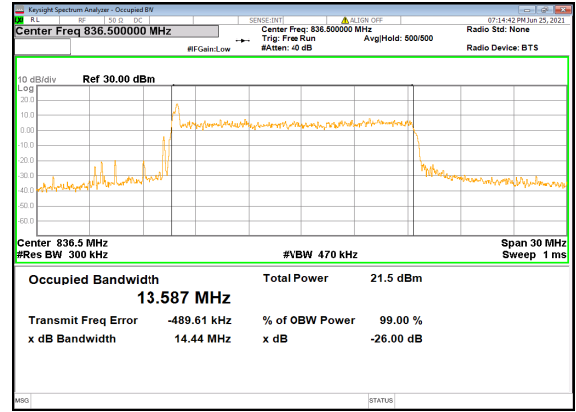




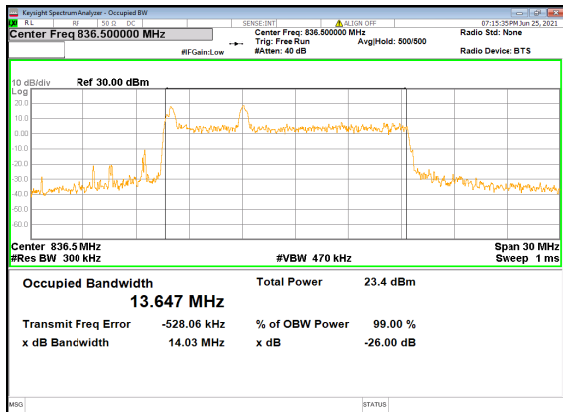
N5(15M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



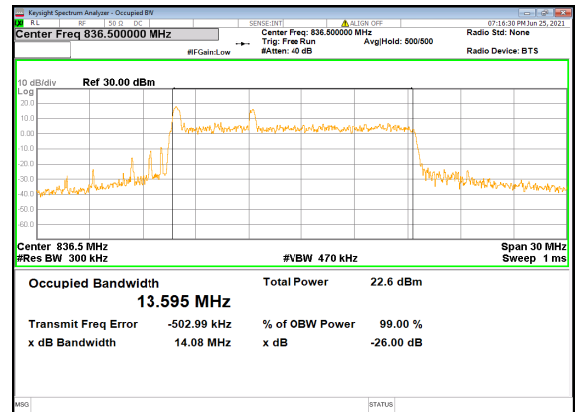
N5(15M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



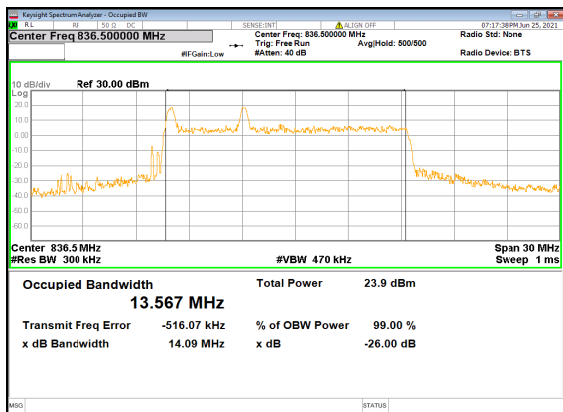
N5(15M)\_DFT-s-OFDM\_16\_QAM\_Outer\_Full\_Mid\_CH



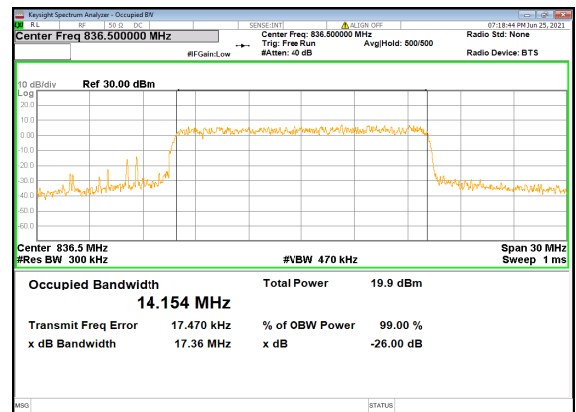
N5(15M)\_DFT-s-OFDM\_64\_QAM\_Outer\_Full\_Mid\_CH



N5(15M)\_DFT-s-OFDM\_256\_QAM\_Outer\_Full\_Mid\_CH



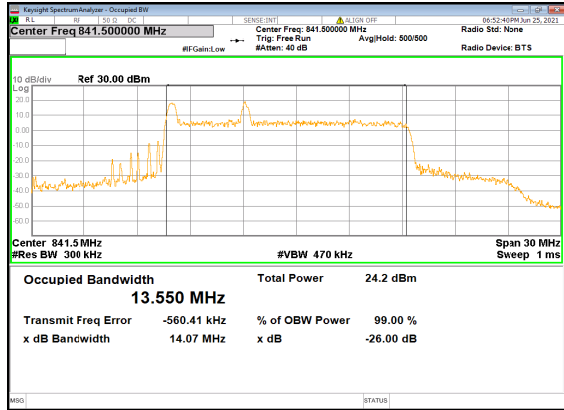
N5(15M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



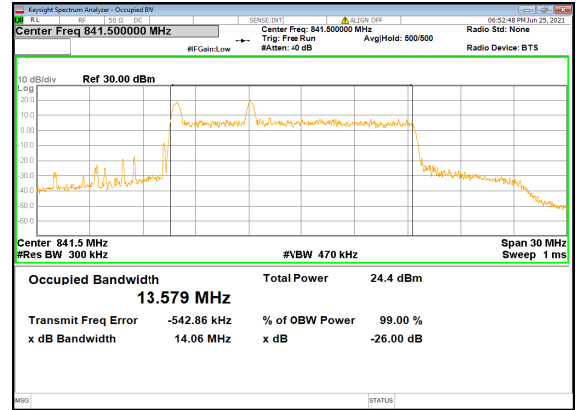




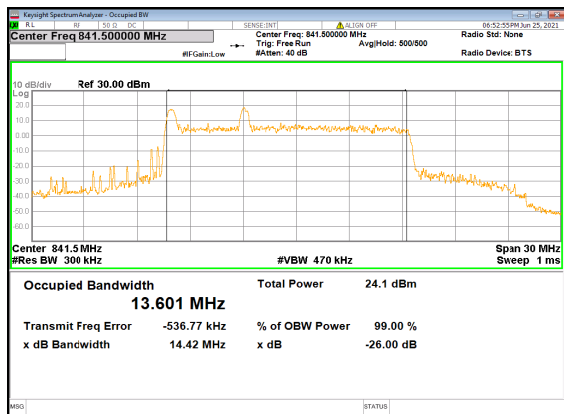
N5(15M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



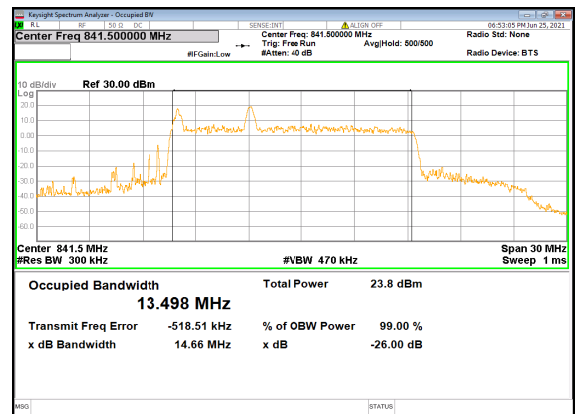
N5(15M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



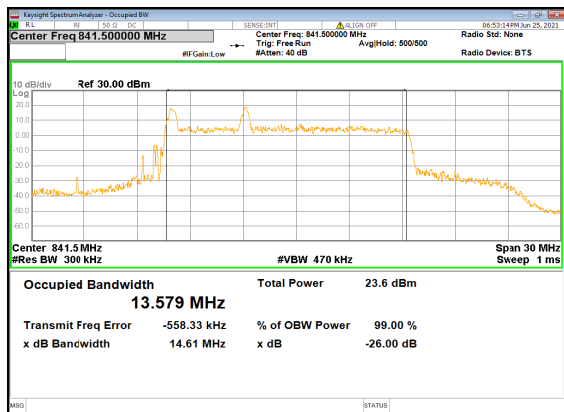
N5(15M)\_DFT-s-OFDM\_16 QAM\_Outer\_Full\_High\_CH



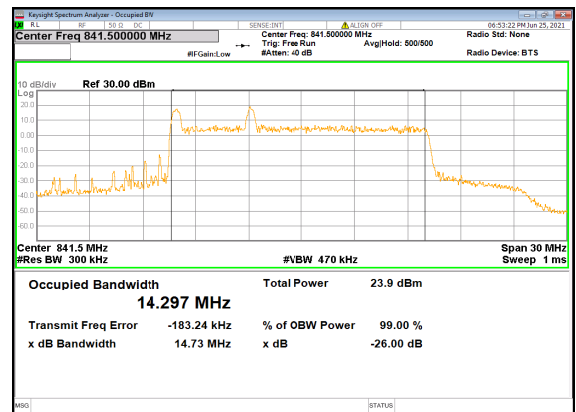
N5(15M)\_DFT-s-OFDM\_64 QAM\_Outer\_Full\_High\_CH



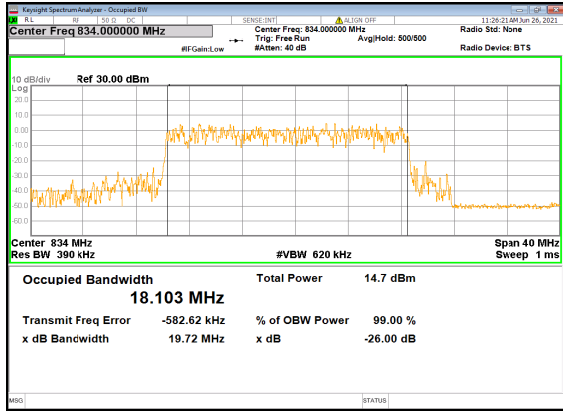
N5(15M)\_DFT-s-OFDM\_256 QAM\_Outer\_Full\_High\_CH



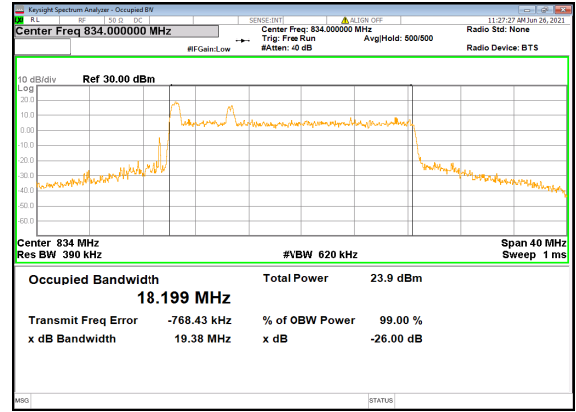
N5(15M)\_CP-OFDM\_QPSK\_Outer\_Full\_High\_CH



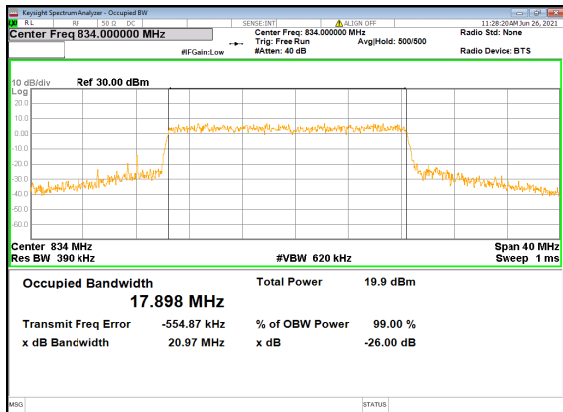
N5(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low\_CH



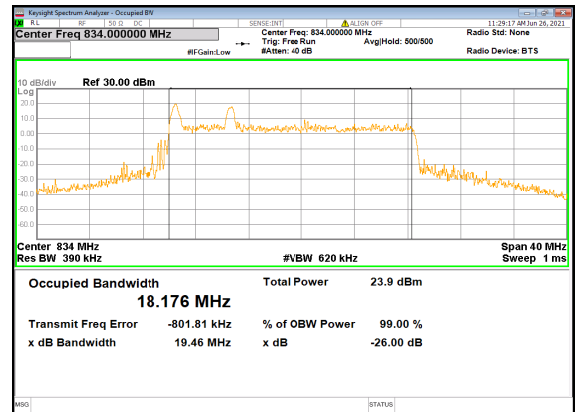
N5(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



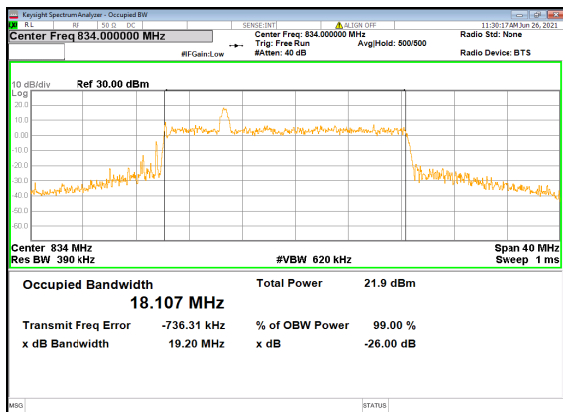
N5(20M)\_DFT-s-OFDM\_16 QAM\_Outer\_Full\_Low\_CH



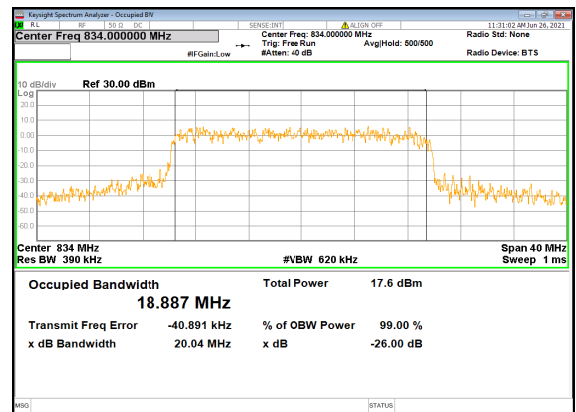
N5(20M)\_DFT-s-OFDM\_64 QAM\_Outer\_Full\_Low\_CH



N5(20M)\_DFT-s-OFDM\_256 QAM\_Outer\_Full\_Low\_CH

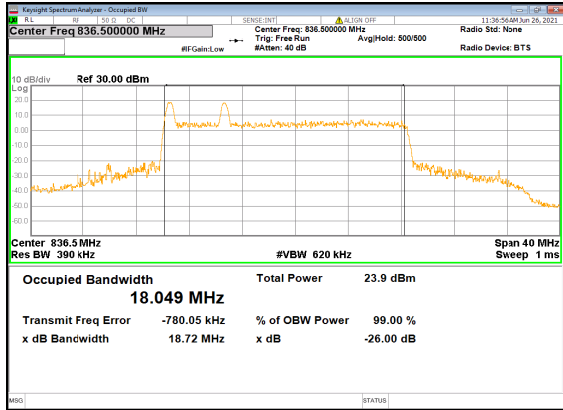


N5(20M)\_CP-OFDM\_QPSK\_Outer\_Full\_Low\_CH

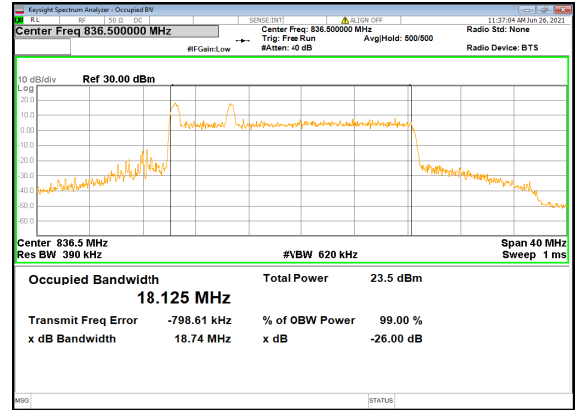




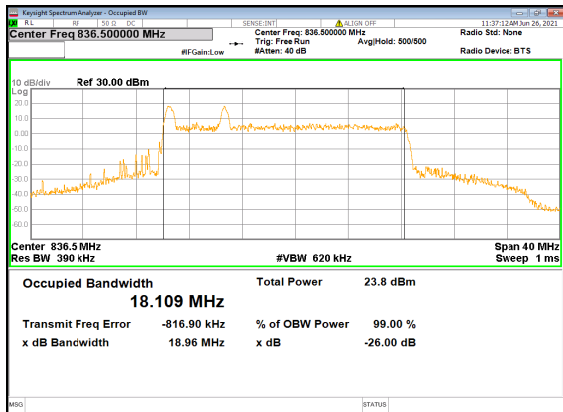
N5(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



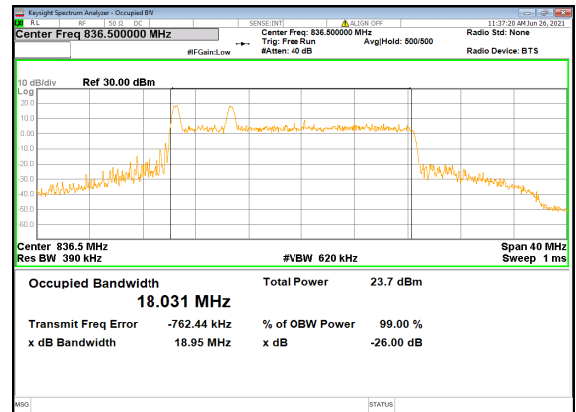
N5(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



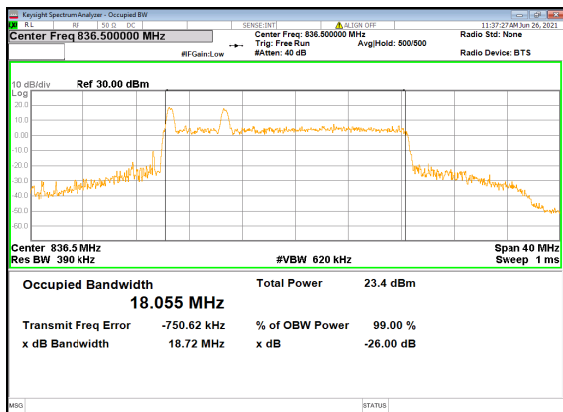
N5(20M)\_DFT-s-OFDM\_16\_QAM\_Outer\_Full\_Mid\_CH



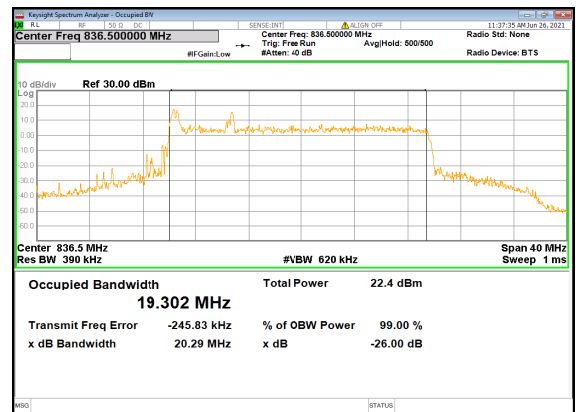
N5(20M)\_DFT-s-OFDM\_64\_QAM\_Outer\_Full\_Mid\_CH



N5(20M)\_DFT-s-OFDM\_256\_QAM\_Outer\_Full\_Mid\_CH

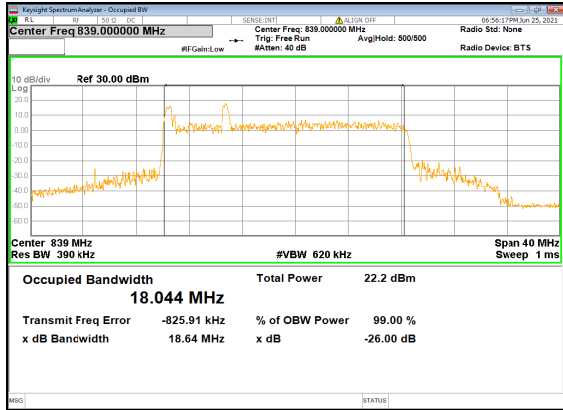


N5(20M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH

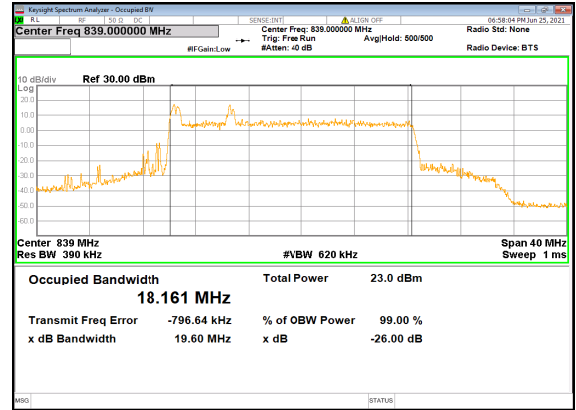




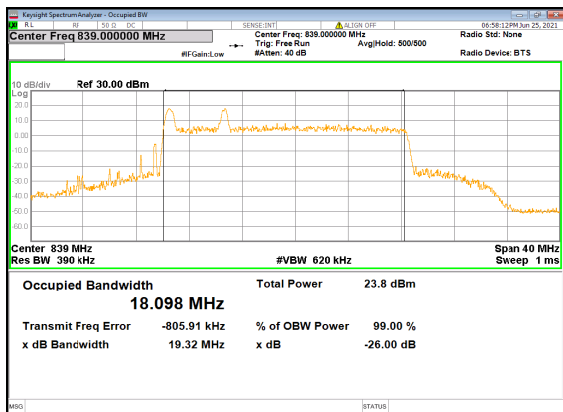
N5(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



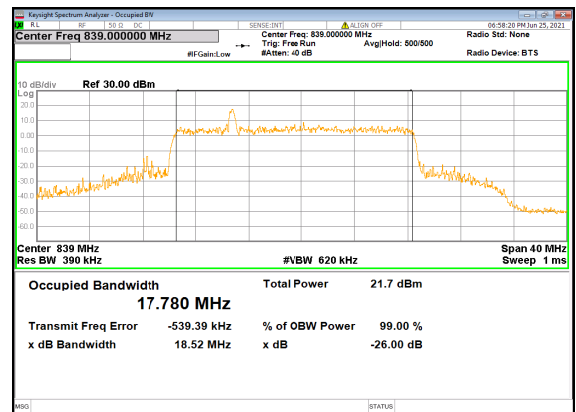
N5(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



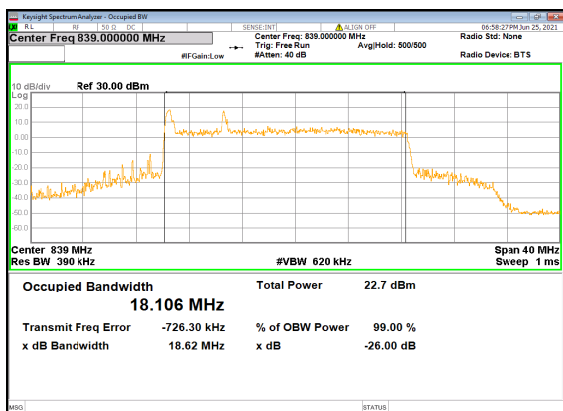
N5(20M)\_DFT-s-OFDM\_16\_QAM\_Outer\_Full\_High\_CH



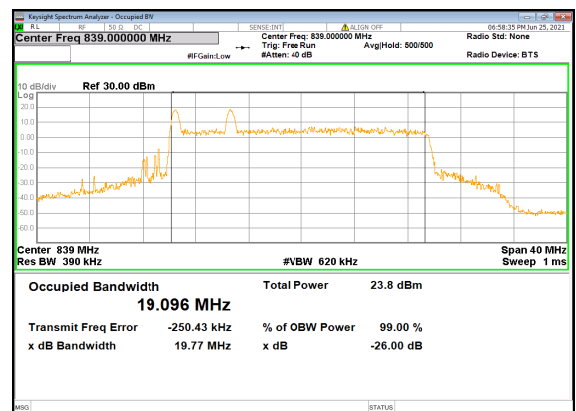
N5(20M)\_DFT-s-OFDM\_64\_QAM\_Outer\_Full\_High\_CH



N5(20M)\_DFT-s-OFDM\_256\_QAM\_Outer\_Full\_High\_CH

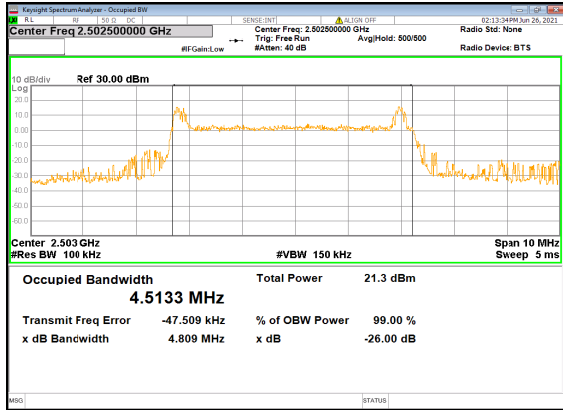


N5(20M)\_CP-OFDM\_QPSK\_Outer\_Full\_High\_CH

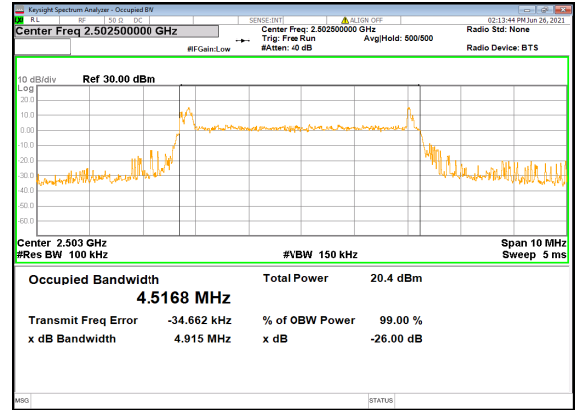




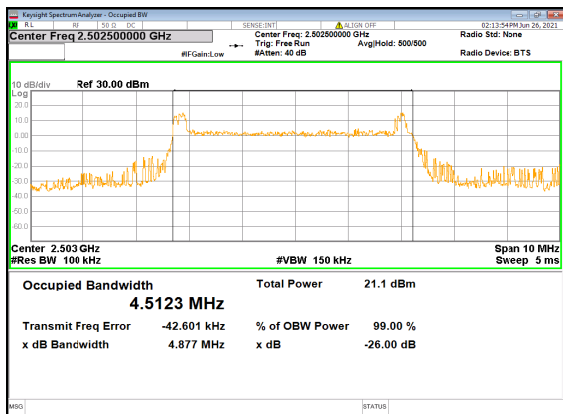
N7(5M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_L  
ow\_CH



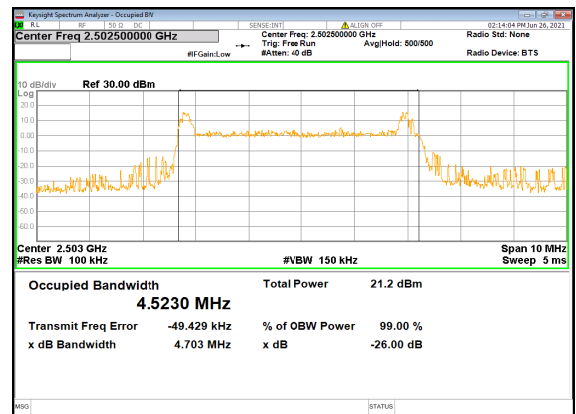
N7(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Lo  
w\_CH



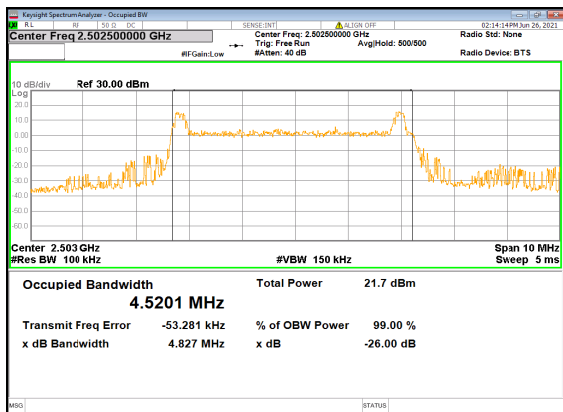
N7(5M)\_DFT-s-OFDM\_16  
QAM\_Outer\_Full\_Low\_CH



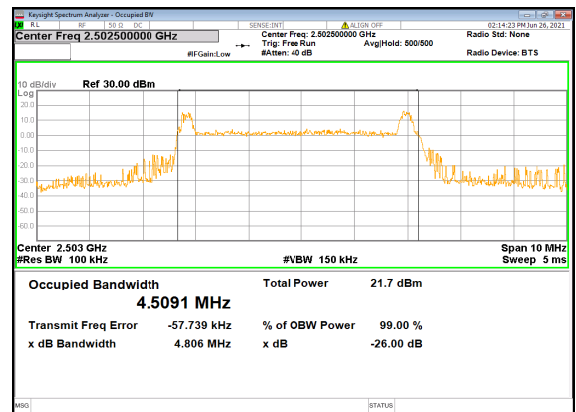
N7(5M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_Low\_CH



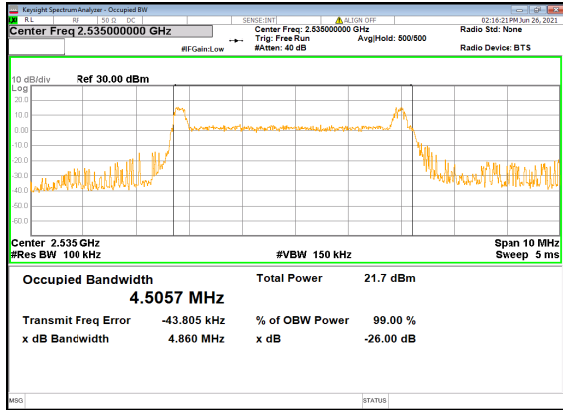
N7(5M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_Low\_CH



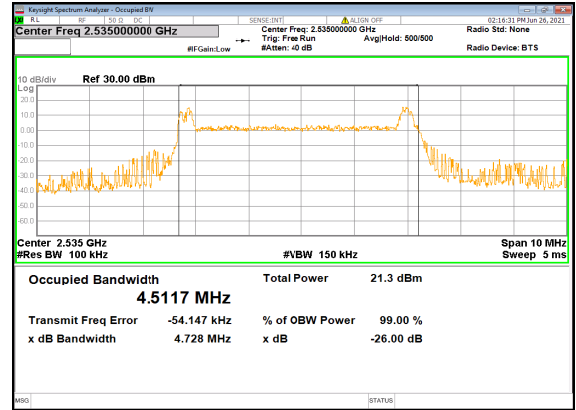
N7(5M)\_CP-OFDM\_QPSK\_Outer\_Full\_Low\_  
CH



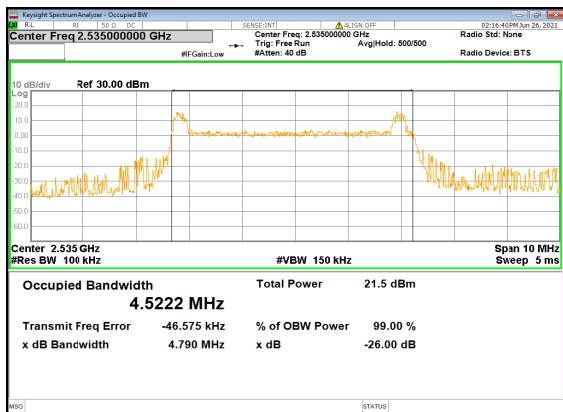
N7(5M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



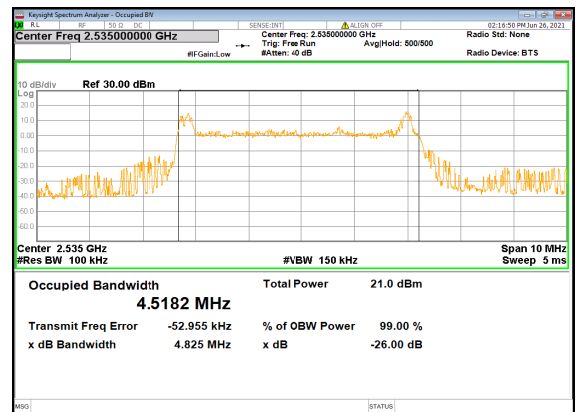
N7(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



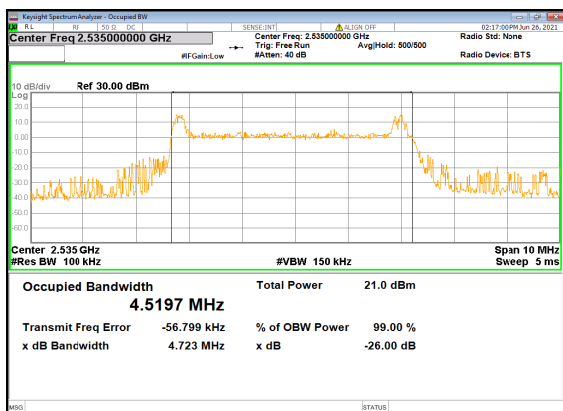
N7(5M)\_DFT-s-OFDM\_16 QAM\_Outer\_Full\_Mid\_CH



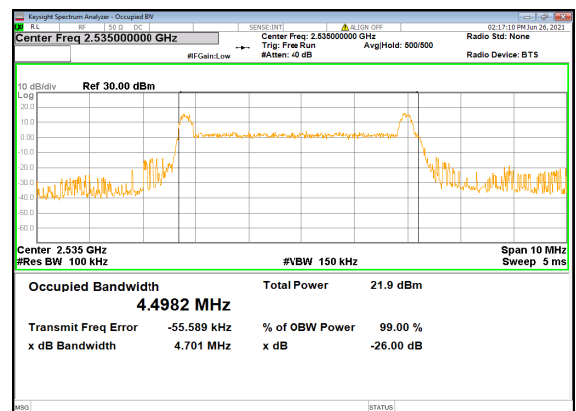
N7(5M)\_DFT-s-OFDM\_64 QAM\_Outer\_Full\_Mid\_CH



N7(5M)\_DFT-s-OFDM\_256 QAM\_Outer\_Full\_Mid\_CH

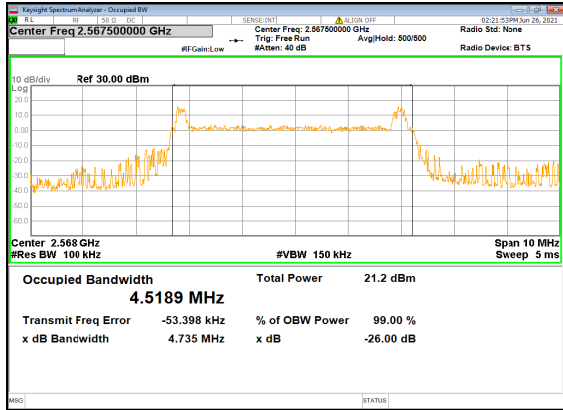


N7(5M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH

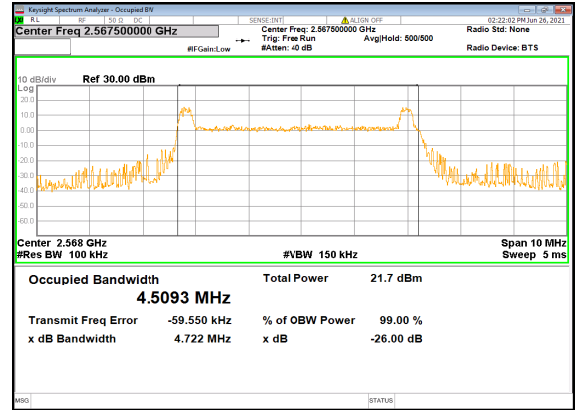




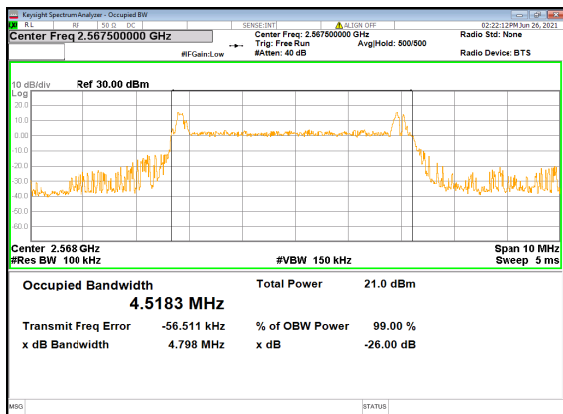
N7(5M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



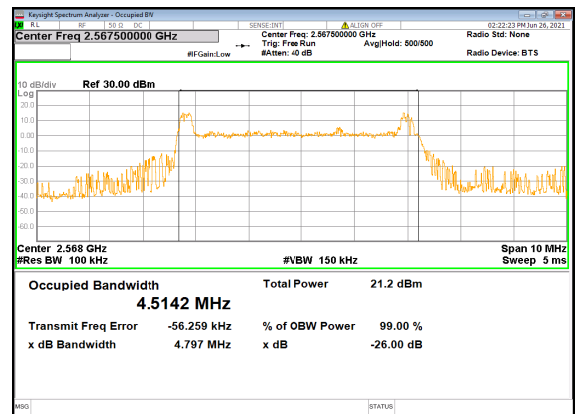
N7(5M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



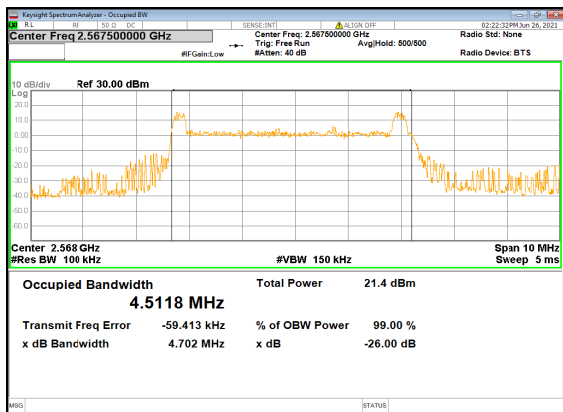
N7(5M)\_DFT-s-OFDM\_16 QAM\_Outer\_Full\_High\_CH



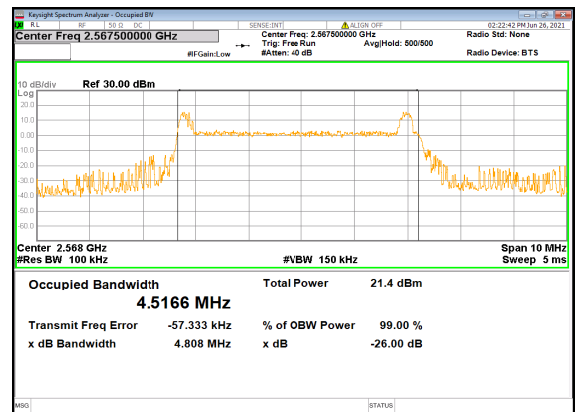
N7(5M)\_DFT-s-OFDM\_64 QAM\_Outer\_Full\_High\_CH



N7(5M)\_DFT-s-OFDM\_256 QAM\_Outer\_Full\_High\_CH

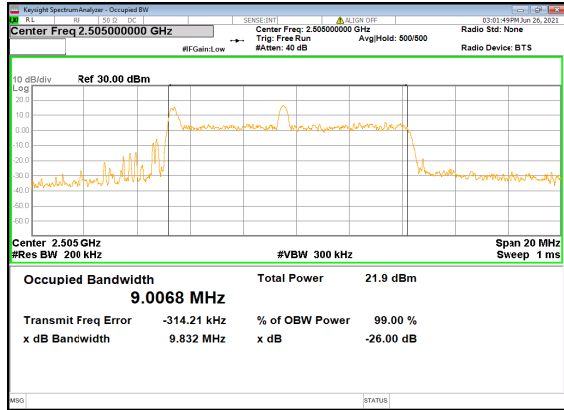


N7(5M)\_CP-OFDM\_QPSK\_Outer\_Full\_High\_CH

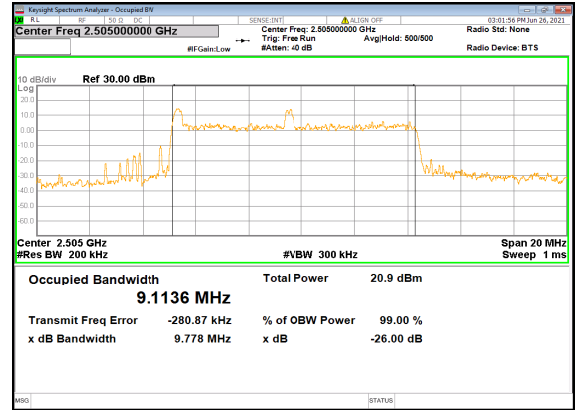




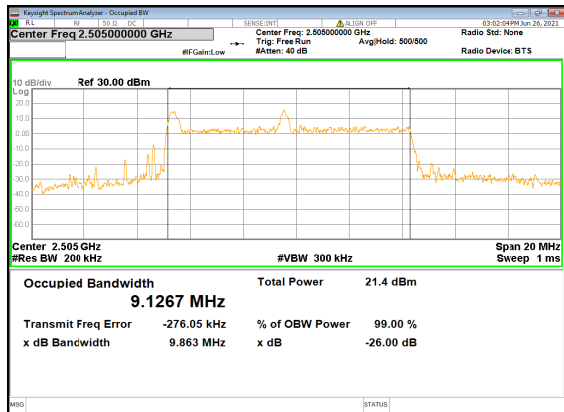
N7(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low\_CH



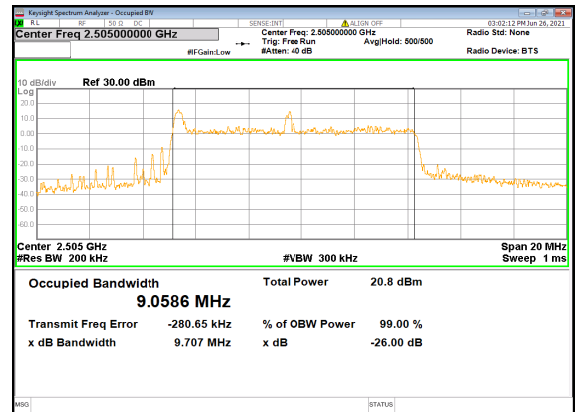
N7(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



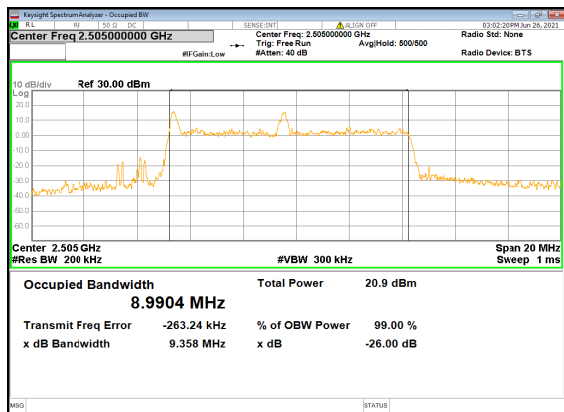
N7(10M)\_DFT-s-OFDM\_16 QAM\_Outer\_Full\_Low\_CH



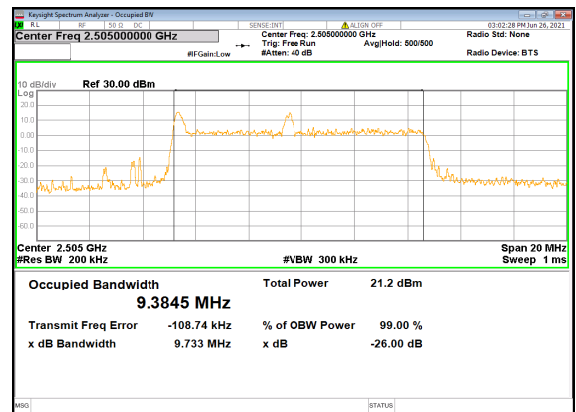
N7(10M)\_DFT-s-OFDM\_64 QAM\_Outer\_Full\_Low\_CH



N7(10M)\_DFT-s-OFDM\_256 QAM\_Outer\_Full\_Low\_CH



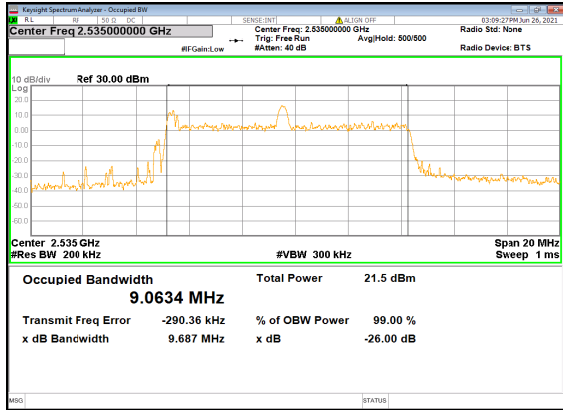
N7(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_Low\_CH



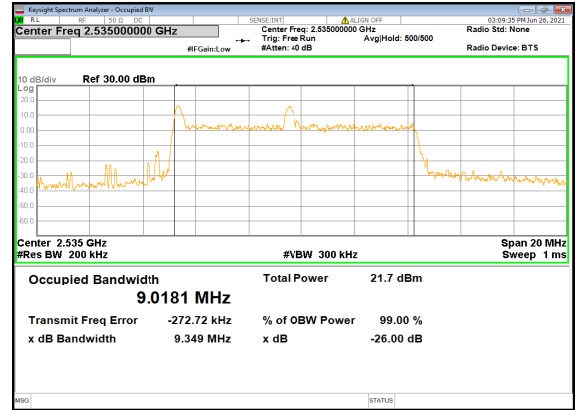




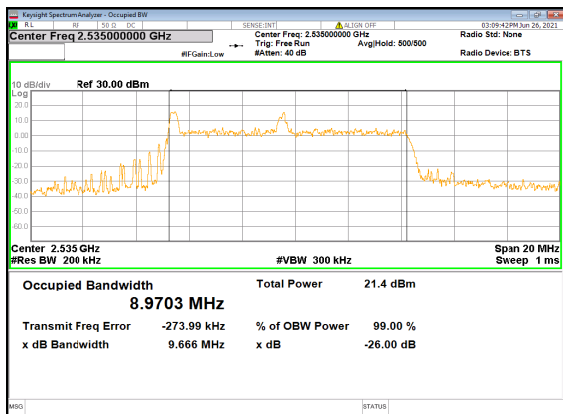
N7(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



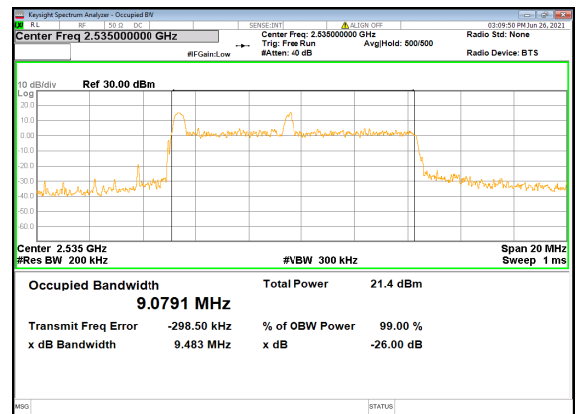
N7(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



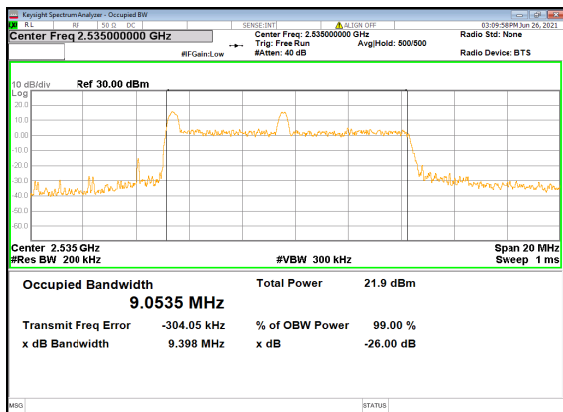
N7(10M)\_DFT-s-OFDM\_16\_QAM\_Outer\_Full\_Mid\_CH



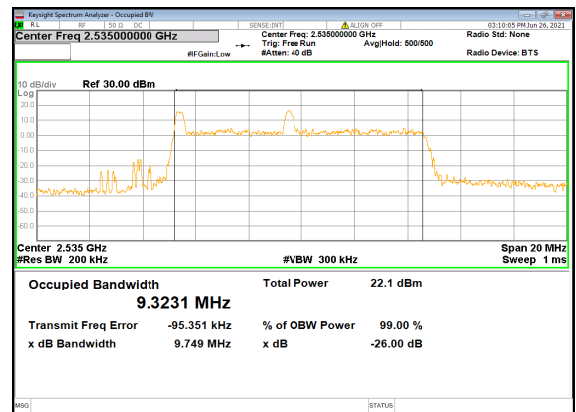
N7(10M)\_DFT-s-OFDM\_64\_QAM\_Outer\_Full\_Mid\_CH



N7(10M)\_DFT-s-OFDM\_256\_QAM\_Outer\_Full\_Mid\_CH

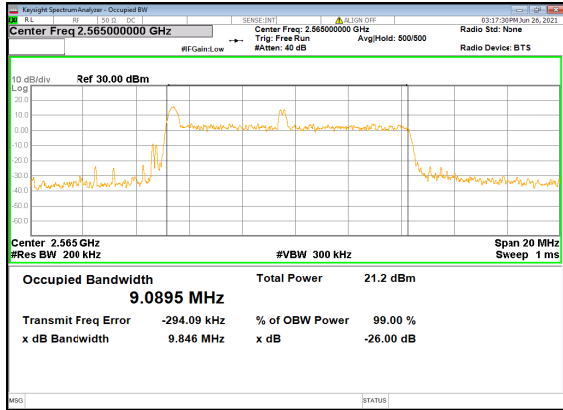


N7(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH

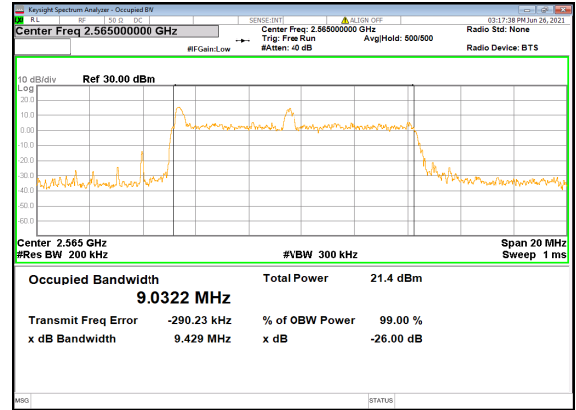




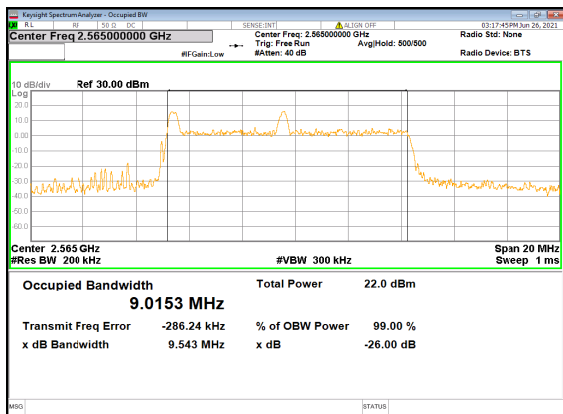
N7(10M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



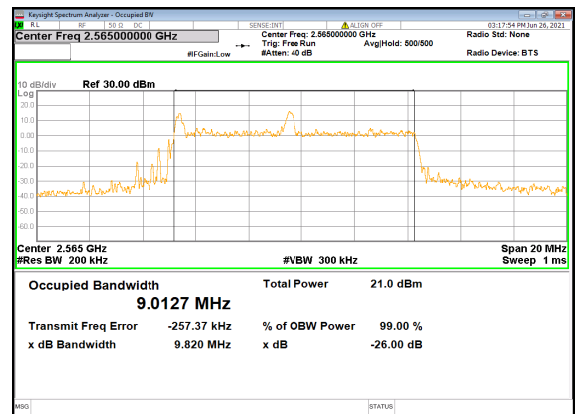
N7(10M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



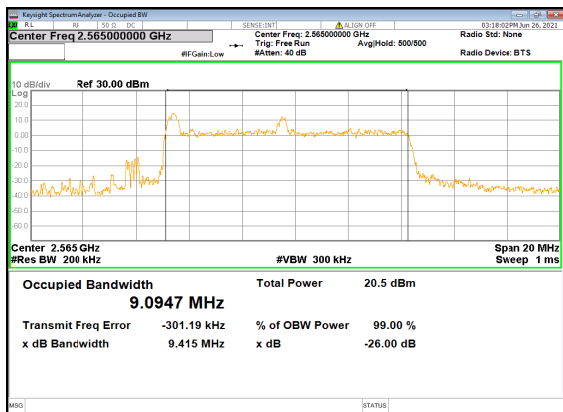
N7(10M)\_DFT-s-OFDM\_16 QAM\_Outer\_Full\_High\_CH



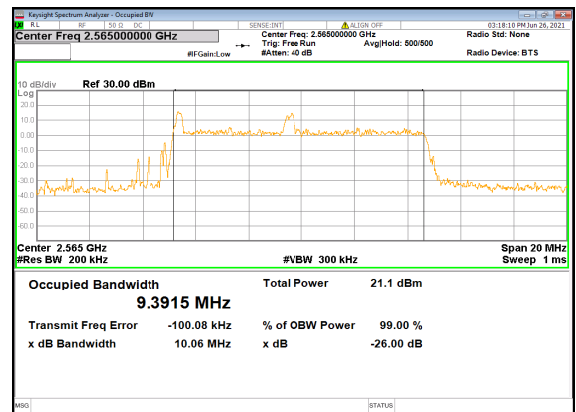
N7(10M)\_DFT-s-OFDM\_64 QAM\_Outer\_Full\_High\_CH



N7(10M)\_DFT-s-OFDM\_256 QAM\_Outer\_Full\_High\_CH

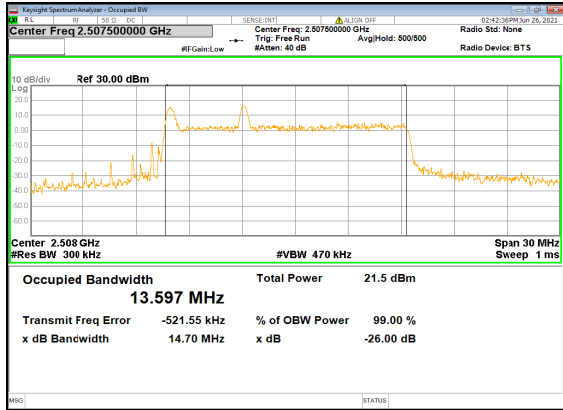


N7(10M)\_CP-OFDM\_QPSK\_Outer\_Full\_High\_CH

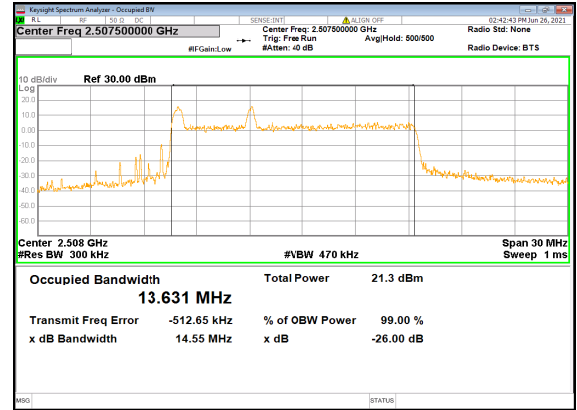




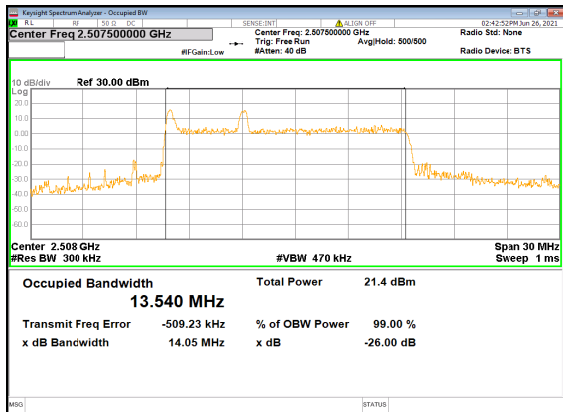
N7(15M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low\_CH



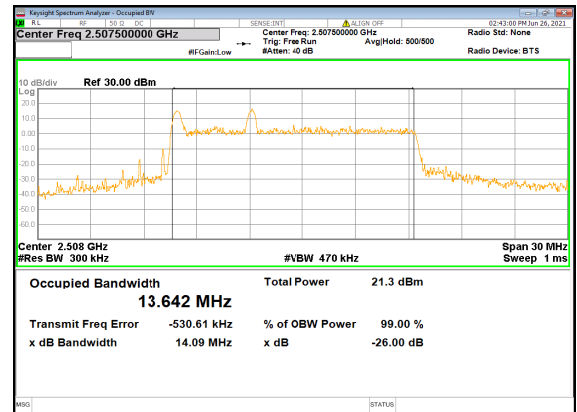
N7(15M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



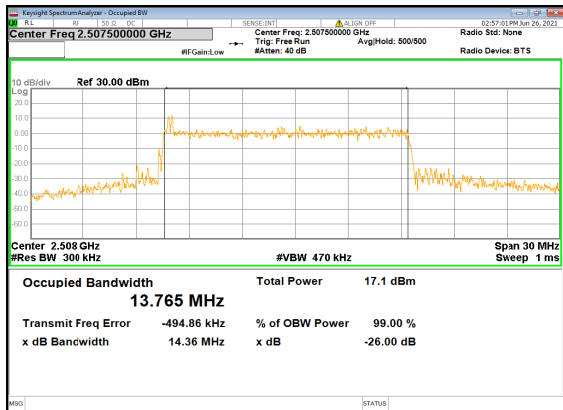
N7(15M)\_DFT-s-OFDM\_16 QAM\_Outer\_Full\_Low\_CH



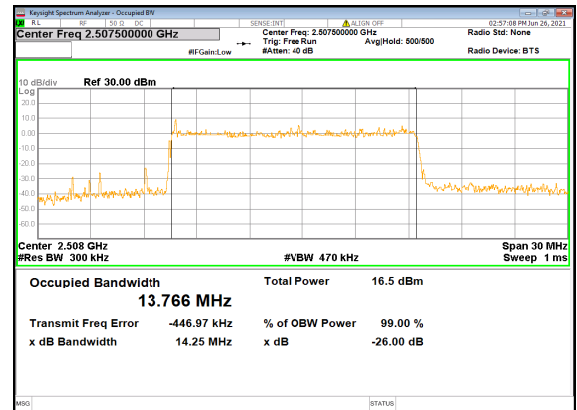
N7(15M)\_DFT-s-OFDM\_64 QAM\_Outer\_Full\_Low\_CH



N7(15M)\_DFT-s-OFDM\_256 QAM\_Outer\_Full\_Low\_CH

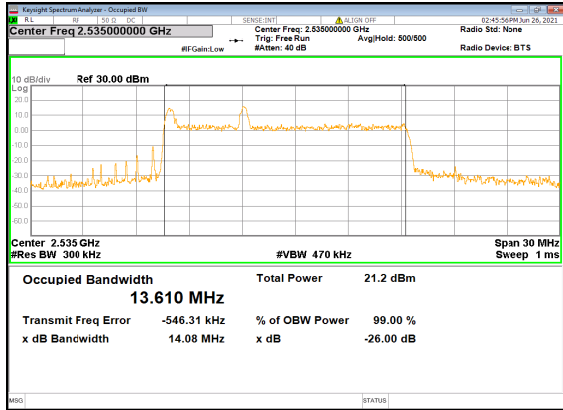


N7(15M)\_CP-OFDM\_QPSK\_Outer\_Full\_Low\_CH

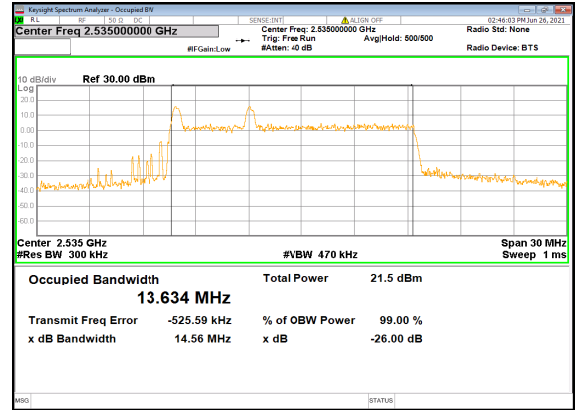




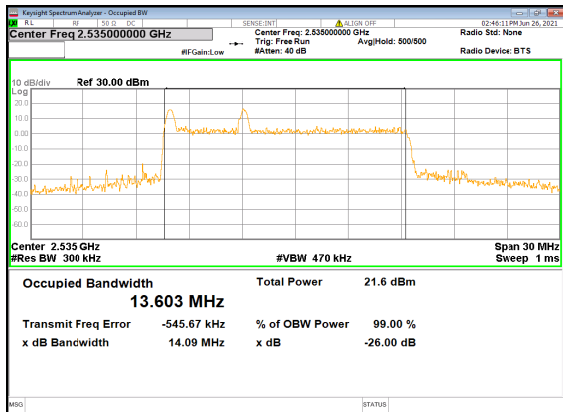
N7(15M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



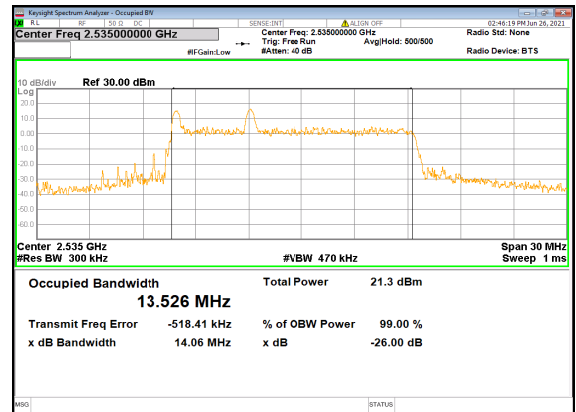
N7(15M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



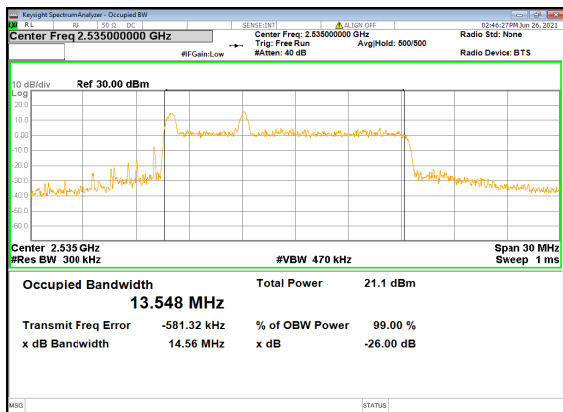
N7(15M)\_DFT-s-OFDM\_16\_QAM\_Outer\_Full\_Mid\_CH



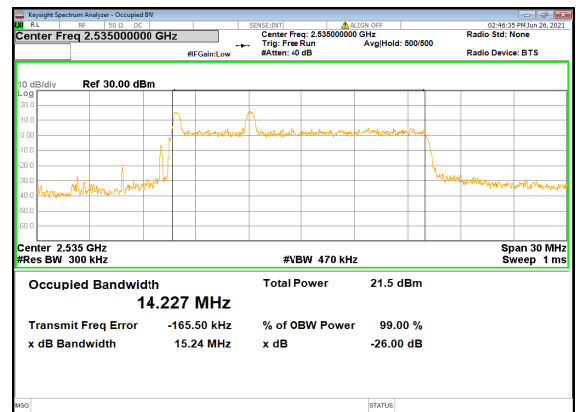
N7(15M)\_DFT-s-OFDM\_64\_QAM\_Outer\_Full\_Mid\_CH



N7(15M)\_DFT-s-OFDM\_256\_QAM\_Outer\_Full\_Mid\_CH

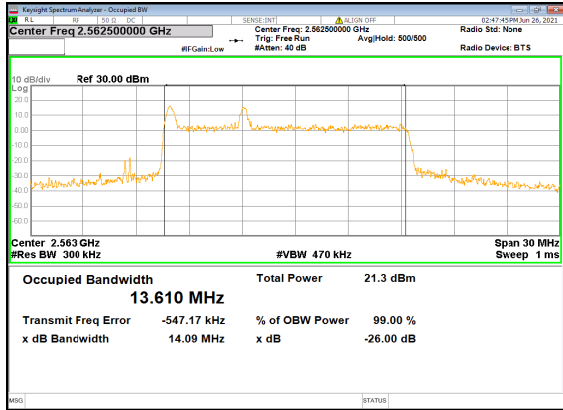


N7(15M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH

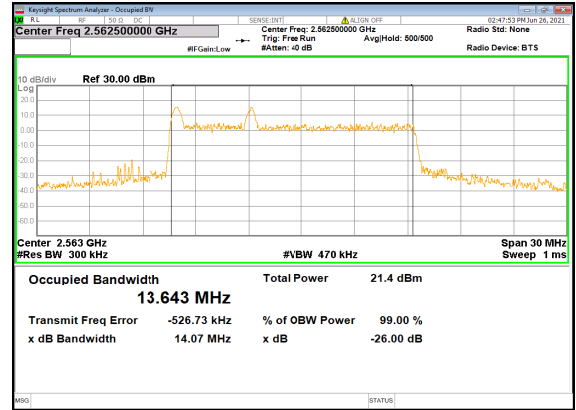




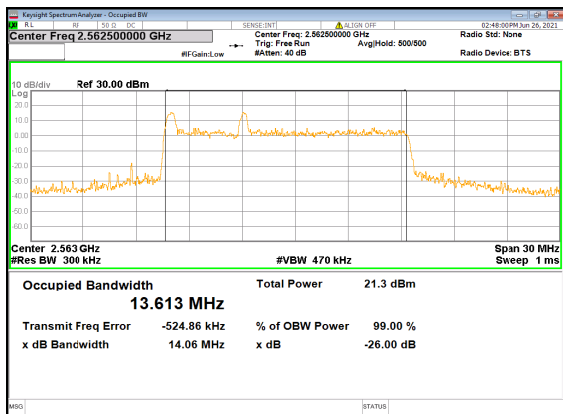
N7(15M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



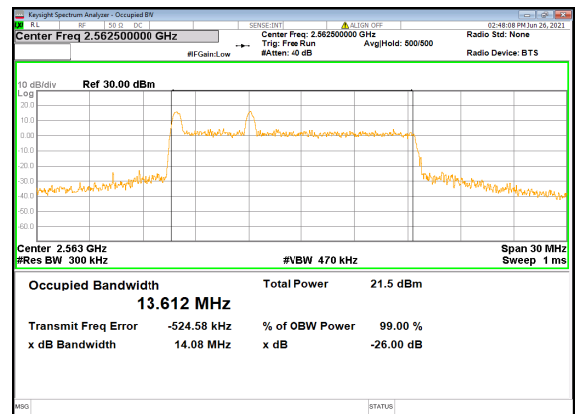
N7(15M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



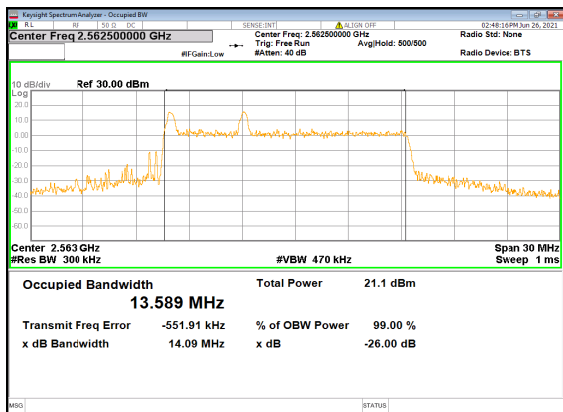
N7(15M)\_DFT-s-OFDM\_16 QAM\_Outer\_Full\_High\_CH



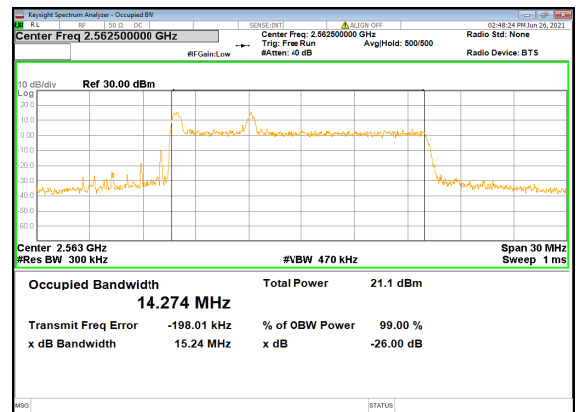
N7(15M)\_DFT-s-OFDM\_64 QAM\_Outer\_Full\_High\_CH



N7(15M)\_DFT-s-OFDM\_256 QAM\_Outer\_Full\_High\_CH

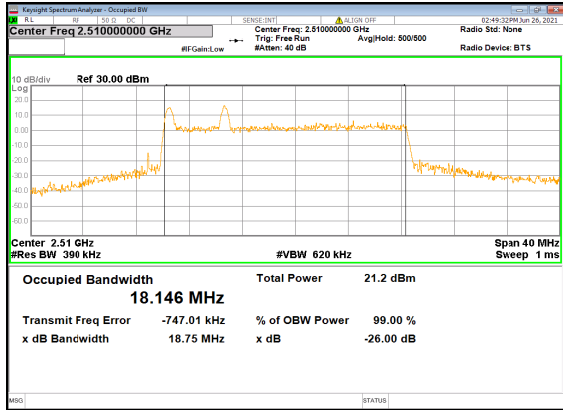


N7(15M)\_CP-OFDM\_QPSK\_Outer\_Full\_High\_CH

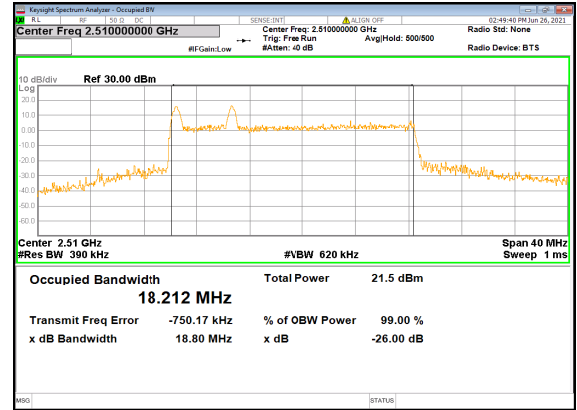




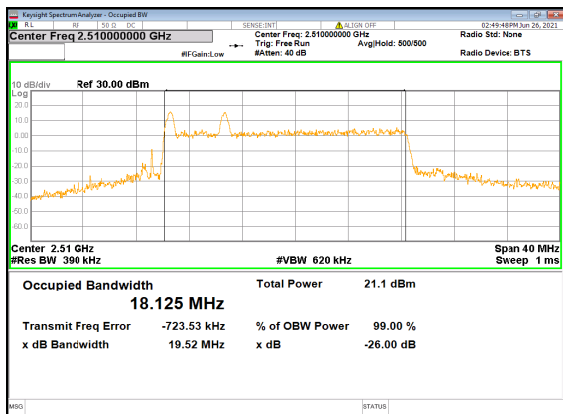
N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low\_CH



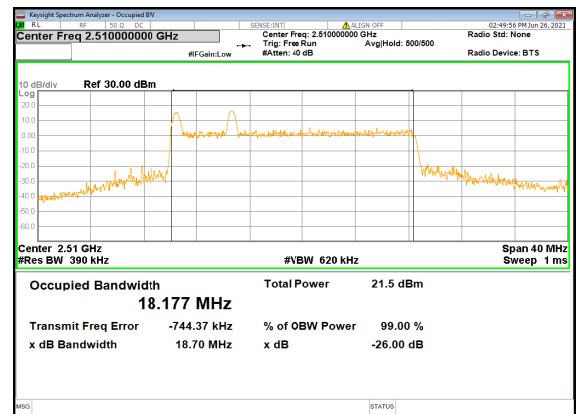
N7(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low\_CH



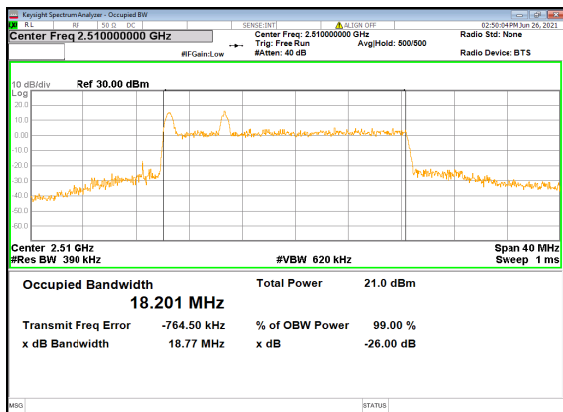
N7(20M)\_DFT-s-OFDM\_16 QAM\_Outer\_Full\_Low\_CH



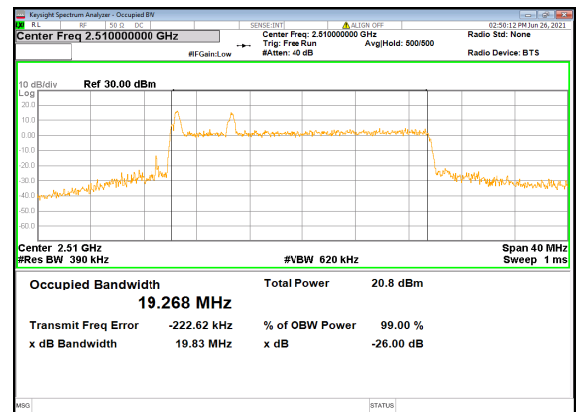
N7(20M)\_DFT-s-OFDM\_64 QAM\_Outer\_Full\_Low\_CH



N7(20M)\_DFT-s-OFDM\_256 QAM\_Outer\_Full\_Low\_CH

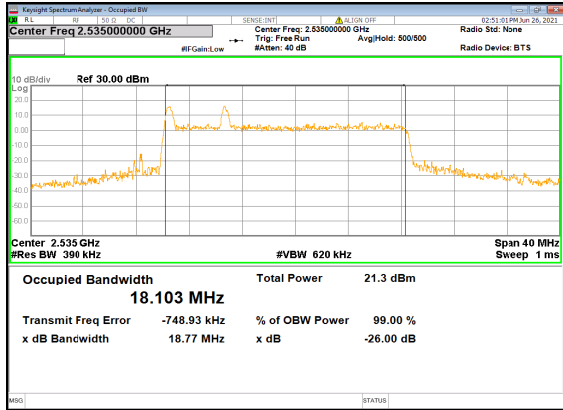


N7(20M)\_CP-OFDM\_QPSK\_Outer\_Full\_Low\_CH

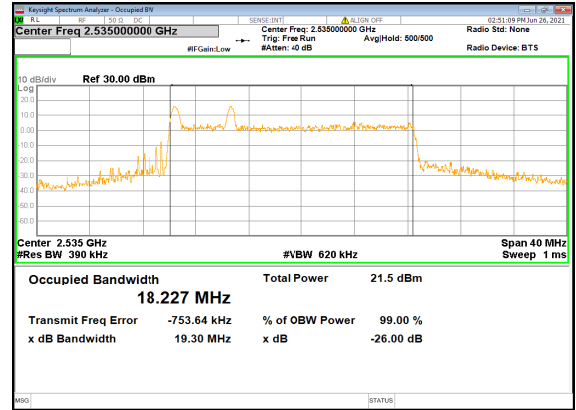




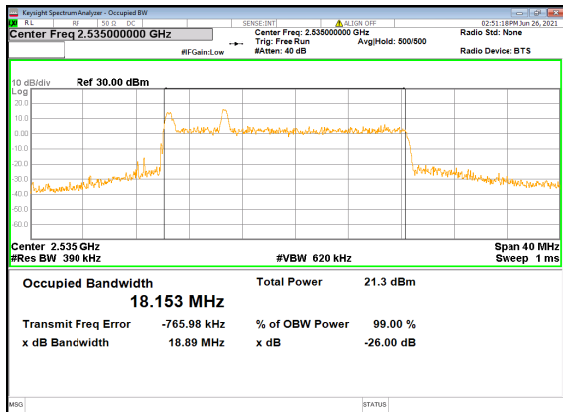
N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Mid\_CH



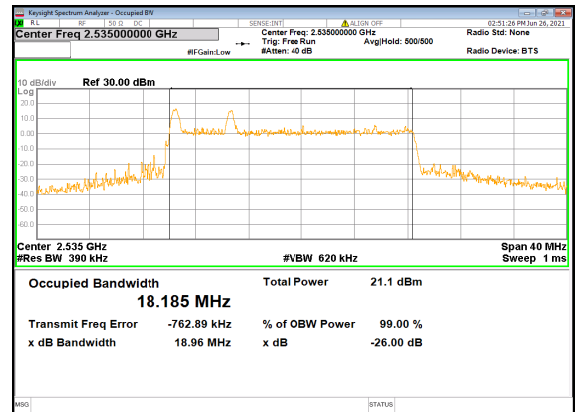
N7(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Mid\_CH



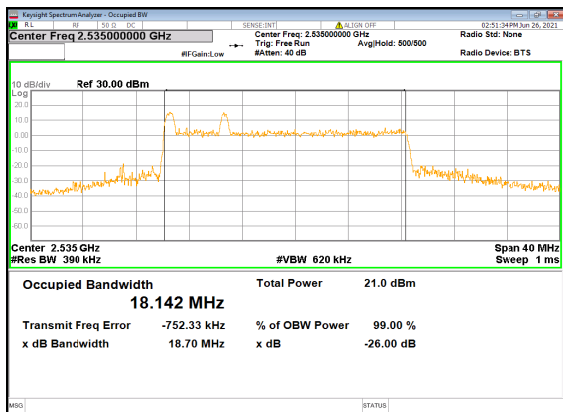
N7(20M)\_DFT-s-OFDM\_16\_QAM\_Outer\_Full\_Mid\_CH



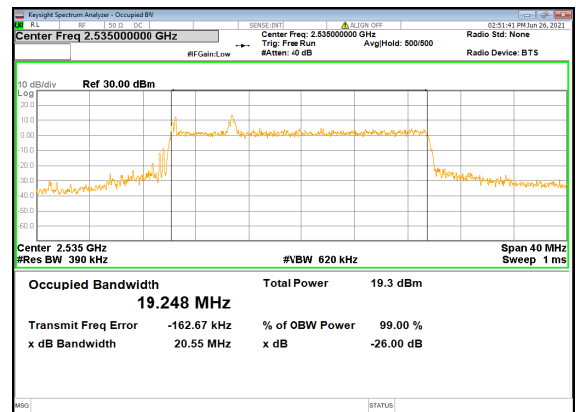
N7(20M)\_DFT-s-OFDM\_64\_QAM\_Outer\_Full\_Mid\_CH



N7(20M)\_DFT-s-OFDM\_256\_QAM\_Outer\_Full\_Mid\_CH

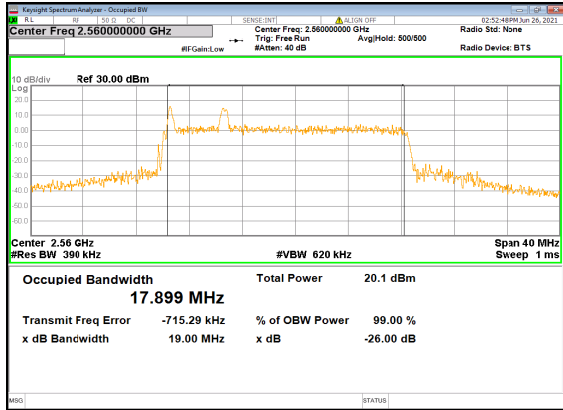


N7(20M)\_CP-OFDM\_QPSK\_Outer\_Full\_Mid\_CH

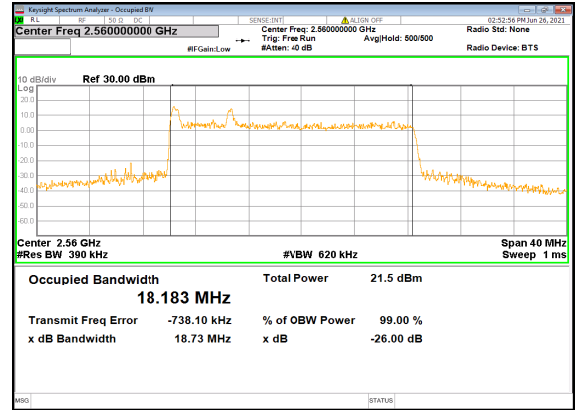




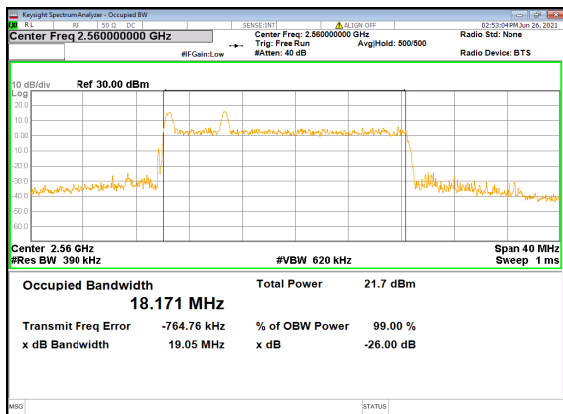
N7(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High\_CH



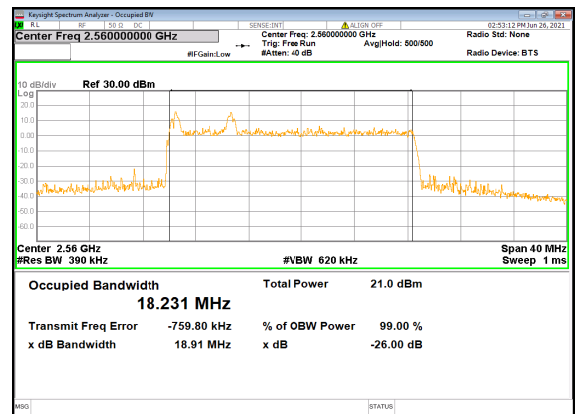
N7(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High\_CH



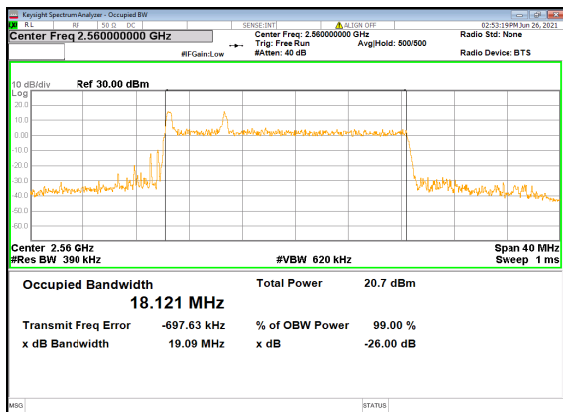
N7(20M)\_DFT-s-OFDM\_16 QAM\_Outer\_Full\_High\_CH



N7(20M)\_DFT-s-OFDM\_64 QAM\_Outer\_Full\_High\_CH



N7(20M)\_DFT-s-OFDM\_256 QAM\_Outer\_Full\_High\_CH



N7(20M)\_CP-OFDM\_QPSK\_Outer\_Full\_High\_CH

