



# TEST REPORT

**APPLICANT** : Nubia Technology Co.,Ltd.  
**PRODUCT NAME** : 5G Mobile Phone  
**MODEL NAME** : NX669J  
**BRAND NAME** : REDMAGIC  
**FCC ID** : 2AHJO-NX669J  
**STANDARD(S)** : 47 CFR Part 27, Subpart M  
**RECEIPT DATE** : 2020-12-29  
**TEST DATE** : 2020-12-31 to 2021-03-13  
**ISSUE DATE** : 2021-03-13

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Peng Huarui ( Supervisor )

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REPORT No.: SZ20120168W11

| <b>Change History</b> |             |                          |
|-----------------------|-------------|--------------------------|
| <b>Version</b>        | <b>Date</b> | <b>Reason for change</b> |
| 1.0                   | 2021-03-12  | First edition            |
|                       |             |                          |



# 1. Technical Information

Note: Provide by applicant.

## 1.1. Applicant and Manufacturer Information

|                             |  |
|-----------------------------|--|
| <b>Applicant:</b>           | Nubia Technology Co.,Ltd.  |
| <b>Applicant Address:</b>   | Room 1801, Building 2, Chongwen Park, Nanshan Zhiyuan, No.3370, Liuxian Rd, Nanshan District, Shenzhen City, Guangdong Province, P. R. China |
| <b>Manufacturer:</b>        | Nubia Technology Co.,Ltd.  |
| <b>ManufacturerAddress:</b> | Room 1801, Building 2, Chongwen Park, Nanshan Zhiyuan, No.3370, Liuxian Rd, Nanshan District, Shenzhen City, Guangdong Province, P. R. China |

## 1.2. Equipment Under Test (EUT) Description

|                          |                       |  |
|--------------------------|-----------------------|--|
| <b>Product Name:</b>     | 5G Mobile Phone       |  |
| <b>Hardware Version:</b> | NX669J_V1AMB          |  |
| <b>Software Version:</b> | NX669J_EUCommon_V3.05 |  |
| <b>Modulation Type:</b>  | DFT-s-OFDM            | PI/2 BPSK, QPSK, 16QAM,64QAM,256QAM    |
|                          | CP-OFDM               | QPSK, 16QAM,64QAM,256QAM               |
| <b>Operation Band:</b>   | DC 2A_N41             |  |
| <b>Frequency Range:</b>  | DC 2A_N41             | Tx: 2496MHz -2690MHz                   |
|                          |                       | Rx: 2496MHz -2690MHz                   |
| <b>Channel Bandwidth</b> | DC 2A_N41             | 20 MHz, 40 MHz, 60 MHz, 80MHz, 100 MHz |
| <b>Antenna Type:</b>     | PIFA Antenna          |  |
| <b>Antenna Gain:</b>     | DC 2A_N41             | 0 dBi                                  |
|                          | AC Adapter 1          |  |
|                          | <b>Brand Name:</b>    | nubia                                  |
|                          | <b>Model No.:</b>     | NB-A930A-A, NB-A930A-USBA-1            |
|                          | <b>Serial No.:</b>    | (N/A, marked #1 by test site)          |
|                          | <b>Rated Input:</b>   | 100-240V~ 50/60HZ, 0.80A               |
|                          | <b>Rated Output:</b>  | 5V=3A;9=3A; 12V=2.5A; 15V=2.0A         |
|                          | <b>Manufacturer:</b>  | ShenZhen KunXing Technology Co.,Ltd.   |
|                          | <b>Battery 1</b>      |  |
|                          | <b>Brand Name:</b>    | nubia                                  |



|  |                |                                    |
|--|----------------|------------------------------------|
|  | Model No.:     | Li3945T44P8h906455                 |
|  | Serial No.:    | (N/A, marked #1 by test site)      |
|  | Capacity:      | 4960.00mAh                         |
|  | Rated Voltage: | 3.87V                              |
|  | Charge Limit:  | 4.45V                              |
|  | Manufacturer:  | Dongguan Ampere Technology Limited |

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

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



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

| DC<br>2A_N41 | Maximum ERP/EIRP (W) |       |           |           |            |         |       |       |        |
|--------------|----------------------|-------|-----------|-----------|------------|---------|-------|-------|--------|
|              | DFT-s-OFDM           |       |           |           |            | CP-OFDM |       |       |        |
| BW(MHz)      | PI/2<br>BPSK         | QPSK  | 16QA<br>M | 64QA<br>M | 256QA<br>M | QPSK    | 16QAM | 64QAM | 256QAM |
| 100          | 0.240                | 0.233 | 0.233     | 0.245     | 0.179      | 0.231   | 0.227 | 0.211 | 0.113  |
| 80           | 0.249                | 0.244 | 0.245     | 0.256     | 0.182      | 0.238   | 0.238 | 0.211 | 0.108  |
| 60           | 0.257                | 0.256 | 0.257     | 0.264     | 0.187      | 0.252   | 0.255 | 0.235 | 0.121  |
| 40           | 0.258                | 0.259 | 0.267     | 0.274     | 0.194      | 0.256   | 0.252 | 0.239 | 0.119  |
| 20           | 0.259                | 0.261 | 0.254     | 0.274     | 0.188      | 0.255   | 0.252 | 0.258 | 0.115  |

| Emission Designator (99%OBW) |         |         |         |         |         |
|------------------------------|---------|---------|---------|---------|---------|
| DFT-s-OFDM                   |         |         |         |         | CP-OFDM |
| PI/2 BPSK                    | QPSK    | 16QAM   | 64QAM   | 256QAM  | QPSK    |
| 98M4G7D                      | 98M3G7D | 97M1W7D | 97M2D7W | 97M2D7W | 98M2G7D |
| 78M9G7D                      | 78M7G7D | 78M6W7D | 78M6D7W | 78M5D7W | 78M9G7D |
| 58M7G7D                      | 58M6G7D | 59M1W7D | 59M0D7W | 59M2D7W | 58M4G7D |
| 36M4G7D                      | 36M7G7D | 36M6W7D | 36M8D7W | 36M7D7W | 38M8G7D |
| 18M0G7D                      | 18M1G7D | 18M1W7D | 18M0D7W | 18M0D7W | 18M4G7D |



| DC<br>2C_N41 | Maximum ERP/EIRP (W) |       |           |           |            |         |       |       |        |
|--------------|----------------------|-------|-----------|-----------|------------|---------|-------|-------|--------|
|              | DFT-s-OFDM           |       |           |           |            | CP-OFDM |       |       |        |
| BW(MHz)      | PI/2<br>BPSK         | QPSK  | 16QA<br>M | 64QA<br>M | 256QA<br>M | QPSK    | 16QAM | 64QAM | 256QAM |
| 100          | 0.175                | 0.171 | 0.175     | 0.167     | 0.171      | 0.170   | 0.173 | 0.176 | 0.119  |
| 80           | 0.179                | 0.174 | 0.183     | 0.170     | 0.179      | 0.171   | 0.171 | 0.167 | 0.131  |
| 60           | 0.191                | 0.192 | 0.194     | 0.194     | 0.200      | 0.186   | 0.188 | 0.189 | 0.139  |
| 40           | 0.198                | 0.196 | 0.206     | 0.203     | 0.204      | 0.195   | 0.192 | 0.190 | 0.133  |
| 20           | 0.197                | 0.194 | 0.196     | 0.193     | 0.191      | 0.188   | 0.190 | 0.191 | 0.134  |

| DC<br>66_N41 | Maximum ERP/EIRP (W) |       |           |           |            |         |       |       |        |
|--------------|----------------------|-------|-----------|-----------|------------|---------|-------|-------|--------|
|              | DFT-s-OFDM           |       |           |           |            | CP-OFDM |       |       |        |
| BW(MHz)      | PI/2<br>BPSK         | QPSK  | 16QA<br>M | 64QA<br>M | 256QA<br>M | QPSK    | 16QAM | 64QAM | 256QAM |
| 100          | 0.222                | 0.224 | 0.217     | 0.228     | 0.221      | 0.219   | 0.205 | 0.219 | 0.155  |
| 80           | 0.220                | 0.217 | 0.218     | 0.223     | 0.209      | 0.212   | 0.214 | 0.209 | 0.161  |
| 60           | 0.233                | 0.236 | 0.233     | 0.244     | 0.243      | 0.234   | 0.229 | 0.227 | 0.168  |
| 40           | 0.237                | 0.242 | 0.238     | 0.244     | 0.243      | 0.224   | 0.230 | 0.231 | 0.181  |
| 20           | 0.238                | 0.240 | 0.232     | 0.248     | 0.238      | 0.239   | 0.227 | 0.242 | 0.185  |



## 1.4. Test Standards and Results

The objective of the report is to perform testing according to Part 2, 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 |
| 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)  | Transmitter Conducted Output Power and ERP/EIRP | Dec29 ,2020 to Jan 13,2020 | Tang Jinde<br>Gao Jianrou | PASS   | No deviation                 |
| 2.1049              | Occupied Bandwidth                              | Dec31, 2020                | Tang Jinde                | PASS   | No deviation                 |
| 2.1055,27.54        | Frequency Stability                             | Jan 04 to 05, 2021         | Tang Jinde                | PASS   | No deviation                 |
| 2.1051, 27.53(m)(4) | Conducted Spurious Emissions                    | Mar 01 and 05, 2019        | Tang Jinde                | PASS   | No deviation                 |
| 2.1051,27.53(m)(4)  | Band Edge                                       | Feb 18, and 21, 2021       | Tang Jinde                | PASS   | No deviation                 |
| 2.1051,27.53(m)(4)  | Radiated Spurious Emissions                     | Jan 26, 2021               | Gao Jianrou               | PASS   | No deviation                 |

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

**Note 2:** The path loss during the RF test is calibrated to correct the results by the offset setting in the test equipments. The ref 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, Part27L Requirements

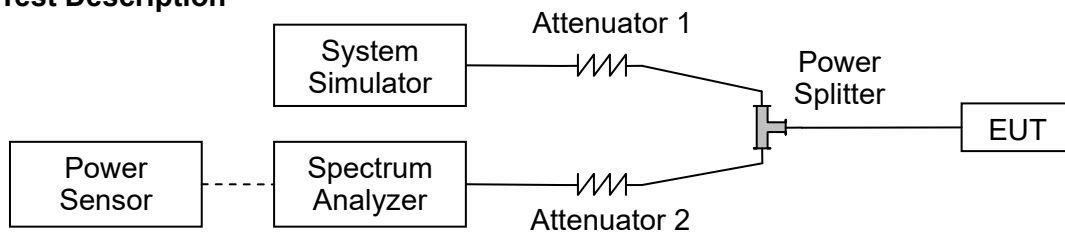
### 2.1. Transmitter Conducted Output Power And ERP/EIRP

#### 2.1.1. Requirement

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

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

#### 2.1.2. Test Description



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

#### 2.1.3. Test procedure

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

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

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

#### 2.1.4. Result

**Conducted Output Power:**



EN-DC\_2A-N41

| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                         |         |           | 509202      | 518598         | 528000       |
| Frequency (MHz) |                         |         |           | 2546.01     | 2592.99        | 2640         |
| 100             | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 23.53       | 23.81          | 23.70        |
| 100             |                         | 1       | 136       | 23.56       | 23.71          | 23.40        |
| 100             |                         | 1       | 271       | 23.15       | 23.29          | 23.27        |
| 100             | DFT-s-OFDM<br>QPSK      | 1       | 1         | 23.54       | 23.60          | 23.65        |
| 100             |                         | 1       | 136       | 23.61       | 23.67          | 23.38        |
| 100             |                         | 1       | 271       | 23.09       | 23.31          | 23.30        |
| 100             | DFT-s-OFDM<br>16QAM     | 1       | 1         | 23.44       | 23.68          | 23.28        |
| 100             |                         | 1       | 136       | 23.53       | 23.59          | 23.40        |
| 100             |                         | 1       | 271       | 22.90       | 23.38          | 23.06        |
| 100             | DFT-s-OFDM<br>64QAM     | 1       | 1         | 23.89       | 23.49          | 23.50        |
| 100             |                         | 1       | 136       | 23.62       | 23.62          | 23.28        |
| 100             |                         | 1       | 271       | 23.27       | 23.42          | 23.22        |
| 100             | DFT-s-OFDM<br>256QAM    | 1       | 1         | 22.30       | 22.22          | 22.12        |
| 100             |                         | 1       | 136       | 22.53       | 22.11          | 21.76        |
| 100             |                         | 1       | 271       | 22.03       | 21.98          | 22.06        |
| Channel         |                         |         |           | 507204      | 518598         | 529998       |
| Frequency (MHz) |                         |         |           | 2536.02     | 2592.99        | 2649.99      |
| 80              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 23.86       | 23.85          | 23.57        |
| 80              |                         | 1       | 108       | 23.96       | 23.72          | 23.47        |
| 80              |                         | 1       | 215       | 23.62       | 23.36          | 23.37        |
| 80              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 23.65       | 23.87          | 23.62        |
| 80              |                         | 1       | 108       | 23.63       | 23.70          | 23.55        |
| 80              |                         | 1       | 215       | 23.35       | 23.34          | 23.28        |
| 80              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 23.62       | 23.90          | 23.78        |
| 80              |                         | 1       | 108       | 23.63       | 23.70          | 23.44        |
| 80              |                         | 1       | 215       | 23.34       | 23.33          | 23.20        |
| 80              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 23.72       | 24.09          | 23.37        |
| 80              |                         | 1       | 108       | 23.76       | 23.73          | 23.50        |
| 80              |                         | 1       | 215       | 23.74       | 23.26          | 23.32        |
| 80              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 22.04       | 22.53          | 21.93        |
| 80              |                         | 1       | 108       | 22.59       | 22.22          | 21.92        |
| 80              |                         | 1       | 215       | 22.53       | 21.79          | 21.96        |



|                 |                         |   |     |         |         |         |
|-----------------|-------------------------|---|-----|---------|---------|---------|
| Channel         |                         |   |     | 505200  | 518598  | 531996  |
| Frequency (MHz) |                         |   |     | 2526    | 2592.99 | 2559.98 |
| 60              | DFT-s-OFDM<br>PI/2 BPSK | 1 | 1   | 23.96   | 24.07   | 23.62   |
| 60              |                         | 1 | 80  | 23.99   | 24.10   | 23.68   |
| 60              |                         | 1 | 160 | 23.83   | 23.92   | 23.70   |
| 60              | DFT-s-OFDM<br>QPSK      | 1 | 1   | 23.94   | 24.05   | 23.87   |
| 60              |                         | 1 | 80  | 24.08   | 24.08   | 23.65   |
| 60              |                         | 1 | 160 | 23.93   | 23.81   | 23.72   |
| 60              | DFT-s-OFDM<br>16QAM     | 1 | 1   | 24.10   | 23.68   | 23.57   |
| 60              |                         | 1 | 80  | 24.04   | 24.08   | 23.64   |
| 60              |                         | 1 | 160 | 23.95   | 23.84   | 23.87   |
| 60              | DFT-s-OFDM<br>64QAM     | 1 | 1   | 23.87   | 24.22   | 23.73   |
| 60              |                         | 1 | 80  | 23.98   | 24.00   | 23.69   |
| 60              |                         | 1 | 160 | 23.77   | 23.96   | 23.80   |
| 60              | DFT-s-OFDM<br>256QAM    | 1 | 1   | 22.40   | 22.71   | 22.13   |
| 60              |                         | 1 | 80  | 22.48   | 22.65   | 22.20   |
| 60              |                         | 1 | 160 | 22.36   | 22.29   | 22.09   |
| Channel         |                         |   |     | 503202  | 518598  | 534000  |
| Frequency (MHz) |                         |   |     | 2516.01 | 2592.99 | 2670    |
| 40              | DFT-s-OFDM<br>PI/2 BPSK | 1 | 1   | 23.99   | 24.07   | 23.77   |
| 40              |                         | 1 | 102 | 24.07   | 24.12   | 23.80   |
| 40              |                         | 1 | 104 | 24.01   | 23.98   | 23.72   |
| 40              | DFT-s-OFDM<br>QPSK      | 1 | 1   | 24.13   | 24.07   | 23.75   |
| 40              |                         | 1 | 102 | 24.05   | 24.10   | 23.85   |
| 40              |                         | 1 | 104 | 24.01   | 23.96   | 23.72   |
| 40              | DFT-s-OFDM<br>16QAM     | 1 | 1   | 24.26   | 23.88   | 23.62   |
| 40              |                         | 1 | 102 | 24.03   | 24.11   | 23.80   |
| 40              |                         | 1 | 104 | 23.89   | 23.71   | 23.51   |
| 40              | DFT-s-OFDM<br>64QAM     | 1 | 1   | 23.93   | 24.25   | 23.66   |
| 40              |                         | 1 | 102 | 24.12   | 24.07   | 23.72   |
| 40              |                         | 1 | 104 | 23.67   | 24.37   | 23.98   |
| 40              | DFT-s-OFDM<br>256QAM    | 1 | 1   | 22.51   | 22.87   | 22.57   |
| 40              |                         | 1 | 102 | 22.59   | 22.55   | 22.36   |
| 40              |                         | 1 | 104 | 22.79   | 22.32   | 22.21   |
| Channel         |                         |   |     | 501204  | 518598  | 535998  |
| Frequency (MHz) |                         |   |     | 2506.02 | 2592.99 | 2679.99 |
| 20              | DFT-s-OFDM              | 1 | 1   | 24.07   | 23.99   | 23.65   |
| 20              | PI/2 BPSK               | 1 | 53  | 24.14   | 24.04   | 23.77   |



|    |                      |   |    |       |       |       |
|----|----------------------|---|----|-------|-------|-------|
| 20 |                      | 1 | 49 | 24.13 | 23.95 | 23.67 |
| 20 | DFT-s-OFDM<br>QPSK   | 1 | 1  | 24.02 | 23.97 | 23.69 |
| 20 |                      | 1 | 53 | 24.12 | 23.91 | 23.73 |
| 20 |                      | 1 | 49 | 24.16 | 24.03 | 23.70 |
| 20 | DFT-s-OFDM<br>16QAM  | 1 | 1  | 23.83 | 23.99 | 23.60 |
| 20 |                      | 1 | 53 | 24.04 | 23.92 | 23.69 |
| 20 |                      | 1 | 49 | 23.99 | 23.61 | 23.49 |
| 20 | DFT-s-OFDM<br>64QAM  | 1 | 1  | 24.38 | 23.86 | 23.83 |
| 20 |                      | 1 | 53 | 24.03 | 23.96 | 23.80 |
| 20 |                      | 1 | 49 | 24.22 | 23.99 | 23.55 |
| 20 | DFT-s-OFDM<br>256QAM | 1 | 1  | 22.59 | 22.75 | 22.19 |
| 20 |                      | 1 | 53 | 22.60 | 22.53 | 22.25 |
| 20 |                      | 1 | 49 | 22.68 | 22.38 | 21.97 |



EN-DC\_2A-N41

| BW [MHz]        | Modulation        | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                   |         |           | 509202      | 518598         | 528000       |
| Frequency (MHz) |                   |         |           | 2546.01     | 2592.99        | 2640         |
| 100             | CP-OFDM<br>QPSK   | 1       | 1         | 23.35       | 23.50          | 23.57        |
| 100             |                   | 1       | 136       | 23.55       | 23.64          | 23.35        |
| 100             |                   | 1       | 271       | 23.00       | 23.26          | 23.24        |
| 100             | CP-OFDM<br>16QAM  | 1       | 1         | 23.22       | 23.56          | 23.12        |
| 100             |                   | 1       | 136       | 23.41       | 23.38          | 23.23        |
| 100             |                   | 1       | 271       | 22.33       | 23.07          | 22.31        |
| 100             | CP-OFDM<br>64QAM  | 1       | 1         | 23.05       | 22.65          | 23.25        |
| 100             |                   | 1       | 136       | 23.16       | 23.09          | 22.85        |
| 100             |                   | 1       | 271       | 22.72       | 22.84          | 22.71        |
| 100             | CP-OFDM<br>256QAM | 1       | 1         | 20.39       | 20.53          | 20.39        |
| 100             |                   | 1       | 136       | 20.14       | 20.22          | 19.88        |
| 100             |                   | 1       | 271       | 20.38       | 19.79          | 20.01        |
| Channel         |                   |         |           | 507204      | 518598         | 529998       |
| Frequency (MHz) |                   |         |           | 2536.02     | 2592.99        | 2649.99      |
| 80              | CP-OFDM<br>QPSK   | 1       | 1         | 23.58       | 23.76          | 23.56        |
| 80              |                   | 1       | 108       | 23.57       | 23.55          | 23.47        |
| 80              |                   | 1       | 215       | 23.31       | 23.29          | 23.06        |
| 80              | CP-OFDM<br>16QAM  | 1       | 1         | 22.22       | 23.77          | 23.09        |
| 80              |                   | 1       | 108       | 23.57       | 23.57          | 23.42        |
| 80              |                   | 1       | 215       | 23.20       | 23.29          | 23.17        |
| 80              | CP-OFDM<br>64QAM  | 1       | 1         | 23.14       | 23.21          | 23.25        |
| 80              |                   | 1       | 108       | 23.19       | 23.21          | 22.97        |
| 80              |                   | 1       | 215       | 23.14       | 22.74          | 22.97        |
| 80              | CP-OFDM<br>256QAM | 1       | 1         | 20.32       | 20.26          | 20.24        |
| 80              |                   | 1       | 108       | 20.21       | 20.15          | 19.95        |
| 80              |                   | 1       | 215       | 19.90       | 19.83          | 19.86        |
| Channel         |                   |         |           | 505200      | 518598         | 531996       |
| Frequency (MHz) |                   |         |           | 2526        | 2592.99        | 2559.98      |
| 60              | CP-OFDM<br>QPSK   | 1       | 1         | 23.78       | 24.02          | 23.67        |
| 60              |                   | 1       | 81        | 24.02       | 24.01          | 23.48        |
| 60              |                   | 1       | 160       | 23.11       | 23.75          | 23.30        |
| 60              | CP-OFDM           | 1       | 1         | 24.01       | 23.25          | 23.38        |



|                 |                   |   |     |         |         |         |
|-----------------|-------------------|---|-----|---------|---------|---------|
| 60              | 16QAM             | 1 | 81  | 24.01   | 24.06   | 23.57   |
| 60              |                   | 1 | 160 | 23.92   | 23.76   | 23.69   |
| 60              | CP-OFDM<br>64QAM  | 1 | 1   | 23.56   | 23.71   | 23.21   |
| 60              |                   | 1 | 81  | 23.49   | 23.53   | 23.20   |
| 60              |                   | 1 | 160 | 23.58   | 23.17   | 23.25   |
| 60              | CP-OFDM<br>256QAM | 1 | 1   | 20.83   | 20.79   | 20.24   |
| 60              |                   | 1 | 81  | 20.55   | 20.61   | 20.22   |
| 60              |                   | 1 | 160 | 20.58   | 20.35   | 20.26   |
| Channel         |                   |   |     | 503202  | 518598  | 534000  |
| Frequency (MHz) |                   |   |     | 2516.01 | 2592.99 | 2670    |
| 40              | CP-OFDM<br>QPSK   | 1 | 1   | 23.96   | 24.00   | 23.54   |
| 40              |                   | 1 | 53  | 24.01   | 24.09   | 23.69   |
| 40              |                   | 1 | 104 | 23.93   | 23.89   | 23.50   |
| 40              | CP-OFDM<br>16QAM  | 1 | 1   | 22.32   | 22.38   | 23.59   |
| 40              |                   | 1 | 53  | 24.00   | 24.02   | 23.74   |
| 40              |                   | 1 | 104 | 22.11   | 22.21   | 23.34   |
| 40              | CP-OFDM<br>64QAM  | 1 | 1   | 23.05   | 23.68   | 23.35   |
| 40              |                   | 1 | 53  | 23.63   | 23.57   | 23.36   |
| 40              |                   | 1 | 104 | 23.59   | 23.78   | 23.10   |
| 40              | CP-OFDM<br>256QAM | 1 | 1   | 20.43   | 20.68   | 20.17   |
| 40              |                   | 1 | 53  | 20.75   | 20.64   | 20.34   |
| 40              |                   | 1 | 104 | 20.60   | 20.50   | 20.19   |
| Channel         |                   |   |     | 501204  | 518598  | 535998  |
| Frequency (MHz) |                   |   |     | 2506.02 | 2592.99 | 2679.99 |
| 20              | CP-OFDM<br>QPSK   | 1 | 1   | 23.97   | 23.78   | 23.44   |
| 20              |                   | 1 | 25  | 24.01   | 23.88   | 23.63   |
| 20              |                   | 1 | 49  | 24.07   | 20.96   | 23.59   |
| 20              | CP-OFDM<br>16QAM  | 1 | 1   | 23.35   | 23.19   | 23.58   |
| 20              |                   | 1 | 25  | 24.01   | 23.82   | 23.30   |
| 20              |                   | 1 | 49  | 23.13   | 23.03   | 23.43   |
| 20              | CP-OFDM<br>64QAM  | 1 | 1   | 24.12   | 23.74   | 23.61   |
| 20              |                   | 1 | 25  | 24.01   | 23.02   | 23.69   |
| 20              |                   | 1 | 49  | 23.97   | 23.87   | 23.42   |
| 20              | CP-OFDM<br>256QAM | 1 | 1   | 20.56   | 20.62   | 20.48   |
| 20              |                   | 1 | 25  | 20.43   | 20.33   | 20.21   |
| 20              |                   | 1 | 49  | 20.58   | 20.55   | 20.62   |





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| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                         |         |           | 509202      | 518598         | 528000       |
| Frequency (MHz) |                         |         |           | 2546.01     | 2592.99        | 2640         |
| 100             | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.33       | 22.29          | 22.26        |
| 100             |                         | 1       | 136       | 22.30       | 22.13          | 22.44        |
| 100             |                         | 1       | 271       | 21.79       | 22.06          | 22.10        |
| 100             | DFT-s-OFDM<br>QPSK      | 1       | 1         | 22.12       | 22.32          | 22.34        |
| 100             |                         | 1       | 136       | 22.28       | 22.09          | 22.21        |
| 100             |                         | 1       | 271       | 21.96       | 22.12          | 22.09        |
| 100             | DFT-s-OFDM<br>16QAM     | 1       | 1         | 22.30       | 22.44          | 22.26        |
| 100             |                         | 1       | 136       | 22.19       | 22.09          | 22.17        |
| 100             |                         | 1       | 271       | 21.99       | 22.36          | 22.39        |
| 100             | DFT-s-OFDM<br>64QAM     | 1       | 1         | 22.14       | 21.63          | 22.07        |
| 100             |                         | 1       | 136       | 22.17       | 22.08          | 22.23        |
| 100             |                         | 1       | 271       | 21.89       | 21.86          | 22.00        |
| 100             | DFT-s-OFDM<br>256QAM    | 1       | 1         | 22.22       | 20.53          | 21.85        |
| 100             |                         | 1       | 136       | 22.21       | 22.21          | 22.25        |
| 100             |                         | 1       | 271       | 21.93       | 22.12          | 22.32        |
| Channel         |                         |         |           | 507204      | 518598         | 529998       |
| Frequency (MHz) |                         |         |           | 2536.02     | 2592.99        | 2649.99      |
| 80              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.28       | 22.35          | 22.26        |
| 80              |                         | 1       | 108       | 22.53       | 22.37          | 22.28        |
| 80              |                         | 1       | 215       | 21.79       | 22.18          | 22.05        |
| 80              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 22.38       | 22.13          | 22.34        |
| 80              |                         | 1       | 108       | 22.41       | 22.21          | 22.36        |
| 80              |                         | 1       | 215       | 21.87       | 22.19          | 22.16        |
| 80              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 21.95       | 21.98          | 22.62        |
| 80              |                         | 1       | 108       | 22.35       | 22.13          | 22.26        |
| 80              |                         | 1       | 215       | 21.87       | 22.07          | 22.13        |
| 80              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 22.12       | 22.26          | 22.28        |
| 80              |                         | 1       | 108       | 22.31       | 22.04          | 22.29        |
| 80              |                         | 1       | 215       | 22.08       | 22.18          | 22.11        |
| 80              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 21.99       | 20.33          | 22.54        |
| 80              |                         | 1       | 108       | 22.30       | 22.04          | 22.32        |
| 80              |                         | 1       | 215       | 21.78       | 22.27          | 21.97        |



|                 |                         |   |     |         |         |         |
|-----------------|-------------------------|---|-----|---------|---------|---------|
| Channel         |                         |   |     | 505200  | 518598  | 531996  |
| Frequency (MHz) |                         |   |     | 2526    | 2592.99 | 2559.98 |
| 60              | DFT-s-OFDM<br>PI/2 BPSK | 1 | 1   | 22.82   | 22.46   | 22.73   |
| 60              |                         | 1 | 80  | 22.82   | 22.55   | 22.60   |
| 60              |                         | 1 | 160 | 22.55   | 22.64   | 22.55   |
| 60              | DFT-s-OFDM<br>QPSK      | 1 | 1   | 22.81   | 22.57   | 22.83   |
| 60              |                         | 1 | 80  | 22.75   | 22.34   | 22.61   |
| 60              |                         | 1 | 160 | 22.57   | 22.50   | 22.60   |
| 60              | DFT-s-OFDM<br>16QAM     | 1 | 1   | 22.66   | 22.34   | 22.88   |
| 60              |                         | 1 | 80  | 22.84   | 22.41   | 22.70   |
| 60              |                         | 1 | 160 | 22.61   | 22.67   | 22.43   |
| 60              | DFT-s-OFDM<br>64QAM     | 1 | 1   | 22.77   | 22.74   | 22.87   |
| 60              |                         | 1 | 80  | 22.83   | 22.35   | 22.55   |
| 60              |                         | 1 | 160 | 22.61   | 22.50   | 22.73   |
| 60              | DFT-s-OFDM<br>256QAM    | 1 | 1   | 22.72   | 20.87   | 23.02   |
| 60              |                         | 1 | 80  | 22.83   | 22.16   | 22.64   |
| 60              |                         | 1 | 160 | 22.74   | 22.27   | 22.46   |
| Channel         |                         |   |     | 503202  | 518598  | 534000  |
| Frequency (MHz) |                         |   |     | 2516.01 | 2592.99 | 2670    |
| 40              | DFT-s-OFDM<br>PI/2 BPSK | 1 | 1   | 22.94   | 22.48   | 22.87   |
| 40              |                         | 1 | 102 | 22.96   | 22.56   | 22.73   |
| 40              |                         | 1 | 104 | 22.89   | 22.55   | 22.78   |
| 40              | DFT-s-OFDM<br>QPSK      | 1 | 1   | 22.93   | 22.56   | 22.83   |
| 40              |                         | 1 | 102 | 22.93   | 22.45   | 22.70   |
| 40              |                         | 1 | 104 | 22.75   | 22.65   | 22.73   |
| 40              | DFT-s-OFDM<br>16QAM     | 1 | 1   | 22.84   | 22.52   | 23.13   |
| 40              |                         | 1 | 102 | 22.83   | 22.45   | 22.72   |
| 40              |                         | 1 | 104 | 22.86   | 22.92   | 22.85   |
| 40              | DFT-s-OFDM<br>64QAM     | 1 | 1   | 22.45   | 22.39   | 23.07   |
| 40              |                         | 1 | 102 | 22.84   | 22.48   | 22.75   |
| 40              |                         | 1 | 104 | 22.81   | 22.25   | 22.90   |
| 40              | DFT-s-OFDM<br>256QAM    | 1 | 1   | 21.09   | 20.58   | 23.10   |
| 40              |                         | 1 | 102 | 22.38   | 21.84   | 22.66   |
| 40              |                         | 1 | 104 | 22.22   | 22.12   | 21.79   |
| Channel         |                         |   |     | 501204  | 518598  | 535998  |
| Frequency (MHz) |                         |   |     | 2506.02 | 2592.99 | 2679.99 |
| 20              | DFT-s-OFDM              | 1 | 1   | 22.79   | 22.27   | 22.58   |
| 20              | PI/2 BPSK               | 1 | 53  | 22.95   | 22.56   | 22.66   |



|    |                      |   |    |       |       |       |
|----|----------------------|---|----|-------|-------|-------|
| 20 |                      | 1 | 49 | 22.79 | 22.40 | 22.69 |
| 20 | DFT-s-OFDM<br>QPSK   | 1 | 1  | 22.67 | 22.40 | 22.51 |
| 20 |                      | 1 | 53 | 22.80 | 22.58 | 22.66 |
| 20 |                      | 1 | 49 | 22.88 | 22.43 | 22.68 |
| 20 | DFT-s-OFDM<br>16QAM  | 1 | 1  | 22.92 | 22.18 | 22.82 |
| 20 |                      | 1 | 53 | 22.75 | 22.41 | 22.54 |
| 20 |                      | 1 | 49 | 22.79 | 22.39 | 22.41 |
| 20 | DFT-s-OFDM<br>64QAM  | 1 | 1  | 22.50 | 22.06 | 22.60 |
| 20 |                      | 1 | 53 | 22.84 | 22.45 | 22.57 |
| 20 |                      | 1 | 49 | 22.86 | 22.41 | 22.84 |
| 20 | DFT-s-OFDM<br>256QAM | 1 | 1  | 21.83 | 21.69 | 22.42 |
| 20 |                      | 1 | 53 | 22.04 | 22.02 | 22.59 |
| 20 |                      | 1 | 49 | 22.82 | 22.44 | 22.72 |



EN-DC\_2C-N41

| BW [MHz]        | Modulation        | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                   |         |           | 509202      | 518598         | 528000       |
| Frequency (MHz) |                   |         |           | 2546.01     | 2592.99        | 2640         |
| 100             | CP-OFDM<br>QPSK   | 1       | 1         | 22.00       | 22.30          | 22.29        |
| 100             |                   | 1       | 136       | 22.25       | 22.04          | 22.20        |
| 100             |                   | 1       | 271       | 21.85       | 22.10          | 22.04        |
| 100             | CP-OFDM<br>16QAM  | 1       | 1         | 22.28       | 22.04          | 22.16        |
| 100             |                   | 1       | 136       | 22.14       | 22.08          | 22.13        |
| 100             |                   | 1       | 271       | 21.98       | 22.07          | 22.37        |
| 100             | CP-OFDM<br>64QAM  | 1       | 1         | 22.08       | 20.64          | 21.48        |
| 100             |                   | 1       | 136       | 22.07       | 22.01          | 22.20        |
| 100             |                   | 1       | 271       | 21.13       | 21.81          | 21.99        |
| 100             | CP-OFDM<br>256QAM | 1       | 1         | 20.64       | 18.87          | 20.22        |
| 100             |                   | 1       | 136       | 20.75       | 20.15          | 20.77        |
| 100             |                   | 1       | 271       | 20.41       | 20.67          | 20.71        |
| Channel         |                   |         |           | 507204      | 518598         | 529998       |
| Frequency (MHz) |                   |         |           | 2536.02     | 2592.99        | 2649.99      |
| 80              | CP-OFDM<br>QPSK   | 1       | 1         | 22.34       | 22.02          | 22.21        |
| 80              |                   | 1       | 108       | 22.27       | 22.17          | 22.25        |
| 80              |                   | 1       | 215       | 21.71       | 22.10          | 22.15        |
| 80              | CP-OFDM<br>16QAM  | 1       | 1         | 21.41       | 21.10          | 22.07        |
| 80              |                   | 1       | 108       | 22.32       | 22.11          | 22.25        |
| 80              |                   | 1       | 215       | 21.07       | 22.01          | 22.07        |
| 80              | CP-OFDM<br>64QAM  | 1       | 1         | 22.07       | 21.14          | 22.09        |
| 80              |                   | 1       | 108       | 22.24       | 22.01          | 22.24        |
| 80              |                   | 1       | 215       | 21.85       | 22.03          | 22.06        |
| 80              | CP-OFDM<br>256QAM | 1       | 1         | 20.74       | 19.17          | 21.18        |
| 80              |                   | 1       | 108       | 20.86       | 20.00          | 20.79        |
| 80              |                   | 1       | 215       | 20.47       | 20.57          | 20.56        |
| Channel         |                   |         |           | 505200      | 518598         | 531996       |
| Frequency (MHz) |                   |         |           | 2526        | 2592.99        | 2559.98      |
| 60              | CP-OFDM<br>QPSK   | 1       | 1         | 22.03       | 22.40          | 22.60        |
| 60              |                   | 1       | 81        | 22.69       | 22.24          | 22.51        |
| 60              |                   | 1       | 160       | 22.43       | 22.33          | 22.53        |
| 60              | CP-OFDM           | 1       | 1         | 22.60       | 22.25          | 22.74        |



|                 |                   |   |     |         |         |         |
|-----------------|-------------------|---|-----|---------|---------|---------|
| 60              | 16QAM             | 1 | 81  | 22.71   | 22.32   | 22.61   |
| 60              |                   | 1 | 160 | 22.54   | 22.33   | 22.42   |
| 60              | CP-OFDM<br>64QAM  | 1 | 1   | 22.62   | 21.74   | 22.69   |
| 60              |                   | 1 | 81  | 22.76   | 22.27   | 22.48   |
| 60              |                   | 1 | 160 | 22.55   | 22.27   | 22.60   |
| 60              | CP-OFDM<br>256QAM | 1 | 1   | 21.43   | 19.60   | 21.40   |
| 60              |                   | 1 | 81  | 21.27   | 20.12   | 21.13   |
| 60              |                   | 1 | 160 | 21.41   | 21.21   | 21.13   |
| Channel         |                   |   |     | 503202  | 518598  | 534000  |
| Frequency (MHz) |                   |   |     | 2516.01 | 2592.99 | 2670    |
| 40              | CP-OFDM<br>QPSK   | 1 | 1   | 22.90   | 22.27   | 22.26   |
| 40              |                   | 1 | 53  | 22.75   | 22.42   | 22.69   |
| 40              |                   | 1 | 104 | 22.63   | 22.57   | 22.64   |
| 40              | CP-OFDM<br>16QAM  | 1 | 1   | 22.41   | 21.92   | 22.84   |
| 40              |                   | 1 | 53  | 22.77   | 22.39   | 22.67   |
| 40              |                   | 1 | 104 | 22.10   | 22.55   | 22.23   |
| 40              | CP-OFDM<br>64QAM  | 1 | 1   | 21.70   | 20.70   | 22.71   |
| 40              |                   | 1 | 53  | 22.78   | 22.28   | 22.70   |
| 40              |                   | 1 | 104 | 22.72   | 22.13   | 22.59   |
| 40              | CP-OFDM<br>256QAM | 1 | 1   | 19.59   | 18.94   | 21.25   |
| 40              |                   | 1 | 53  | 20.33   | 19.71   | 20.70   |
| 40              |                   | 1 | 104 | 20.81   | 20.94   | 20.78   |
| Channel         |                   |   |     | 501204  | 518598  | 535998  |
| Frequency (MHz) |                   |   |     | 2506.02 | 2592.99 | 2679.99 |
| 20              | CP-OFDM<br>QPSK   | 1 | 1   | 22.05   | 22.32   | 22.50   |
| 20              |                   | 1 | 25  | 22.74   | 22.47   | 22.59   |
| 20              |                   | 1 | 49  | 22.71   | 22.31   | 22.57   |
| 20              | CP-OFDM<br>16QAM  | 1 | 1   | 22.78   | 22.08   | 22.66   |
| 20              |                   | 1 | 25  | 22.73   | 22.37   | 22.43   |
| 20              |                   | 1 | 49  | 22.68   | 22.26   | 22.39   |
| 20              | CP-OFDM<br>64QAM  | 1 | 1   | 22.07   | 21.76   | 22.38   |
| 20              |                   | 1 | 25  | 22.59   | 22.34   | 22.50   |
| 20              |                   | 1 | 49  | 22.80   | 22.36   | 22.79   |
| 20              | CP-OFDM<br>256QAM | 1 | 1   | 20.28   | 19.51   | 21.13   |
| 20              |                   | 1 | 25  | 20.20   | 19.83   | 21.02   |
| 20              |                   | 1 | 49  | 21.03   | 20.87   | 21.28   |



**EN-DC\_66A-N41**

| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                         |         |           | 509202      | 518598         | 528000       |
| Frequency (MHz) |                         |         |           | 2546.01     | 2592.99        | 2640         |
| 100             | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 23.22       | 23.46          | 22.92        |
| 100             |                         | 1       | 136       | 23.18       | 23.05          | 23.00        |
| 100             |                         | 1       | 271       | 22.59       | 22.95          | 23.28        |
| 100             | DFT-s-OFDM<br>QPSK      | 1       | 1         | 23.47       | 23.50          | 22.93        |
| 100             |                         | 1       | 136       | 23.11       | 23.12          | 22.98        |
| 100             |                         | 1       | 271       | 22.67       | 22.99          | 23.31        |
| 100             | DFT-s-OFDM<br>16QAM     | 1       | 1         | 23.37       | 23.28          | 22.64        |
| 100             |                         | 1       | 136       | 23.12       | 23.12          | 22.99        |
| 100             |                         | 1       | 271       | 22.34       | 23.13          | 22.90        |
| 100             | DFT-s-OFDM<br>64QAM     | 1       | 1         | 23.57       | 23.57          | 22.74        |
| 100             |                         | 1       | 136       | 23.11       | 23.10          | 23.02        |
| 100             |                         | 1       | 271       | 23.26       | 22.98          | 23.29        |
| 100             | DFT-s-OFDM<br>256QAM    | 1       | 1         | 23.45       | 22.12          | 23.16        |
| 100             |                         | 1       | 136       | 23.17       | 23.07          | 23.01        |
| 100             |                         | 1       | 271       | 22.24       | 22.79          | 23.16        |
| Channel         |                         |         |           | 507204      | 518598         | 529998       |
| Frequency (MHz) |                         |         |           | 2536.02     | 2592.99        | 2649.99      |
| 80              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 23.43       | 23.32          | 23.00        |
| 80              |                         | 1       | 108       | 23.28       | 23.15          | 23.06        |
| 80              |                         | 1       | 215       | 22.81       | 22.86          | 23.35        |
| 80              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 23.28       | 23.35          | 22.88        |
| 80              |                         | 1       | 108       | 23.27       | 23.12          | 23.04        |
| 80              |                         | 1       | 215       | 22.90       | 22.93          | 23.36        |
| 80              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 23.26       | 23.12          | 23.09        |
| 80              |                         | 1       | 108       | 23.33       | 23.38          | 22.97        |
| 80              |                         | 1       | 215       | 22.76       | 22.71          | 23.26        |
| 80              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 23.30       | 23.49          | 23.13        |
| 80              |                         | 1       | 108       | 23.25       | 23.05          | 23.15        |
| 80              |                         | 1       | 215       | 22.69       | 23.12          | 23.12        |
| 80              | DFT-s-OFDM<br>256QAM    | 1       | 1         | 23.10       | 22.65          | 23.08        |
| 80              |                         | 1       | 108       | 23.21       | 23.06          | 23.01        |
| 80              |                         | 1       | 215       | 23.00       | 23.00          | 23.01        |



|                 |                         |   |     |         |         |         |
|-----------------|-------------------------|---|-----|---------|---------|---------|
| Channel         |                         |   |     | 505200  | 518598  | 531996  |
| Frequency (MHz) |                         |   |     | 2526    | 2592.99 | 2559.98 |
| 60              | DFT-s-OFDM<br>PI/2 BPSK | 1 | 1   | 23.67   | 23.36   | 23.02   |
| 60              |                         | 1 | 80  | 23.64   | 23.35   | 23.39   |
| 60              |                         | 1 | 160 | 23.38   | 23.20   | 23.56   |
| 60              | DFT-s-OFDM<br>QPSK      | 1 | 1   | 23.66   | 22.84   | 23.15   |
| 60              |                         | 1 | 80  | 23.72   | 23.24   | 23.36   |
| 60              |                         | 1 | 160 | 23.53   | 23.08   | 23.46   |
| 60              | DFT-s-OFDM<br>16QAM     | 1 | 1   | 23.56   | 23.02   | 22.86   |
| 60              |                         | 1 | 80  | 23.67   | 23.31   | 23.29   |
| 60              |                         | 1 | 160 | 23.08   | 23.62   | 23.45   |
| 60              | DFT-s-OFDM<br>64QAM     | 1 | 1   | 23.83   | 23.62   | 22.97   |
| 60              |                         | 1 | 80  | 23.65   | 23.31   | 23.35   |
| 60              |                         | 1 | 160 | 23.87   | 23.20   | 23.69   |
| 60              | DFT-s-OFDM<br>256QAM    | 1 | 1   | 23.85   | 22.58   | 23.09   |
| 60              |                         | 1 | 80  | 23.67   | 23.28   | 23.38   |
| 60              |                         | 1 | 160 | 23.57   | 23.43   | 23.64   |
| Channel         |                         |   |     | 503202  | 518598  | 534000  |
| Frequency (MHz) |                         |   |     | 2516.01 | 2592.99 | 2670    |
| 40              | DFT-s-OFDM<br>PI/2 BPSK | 1 | 1   | 23.69   | 23.45   | 23.41   |
| 40              |                         | 1 | 53  | 23.70   | 23.47   | 23.64   |
| 40              |                         | 1 | 104 | 23.63   | 23.29   | 23.75   |
| 40              | DFT-s-OFDM<br>QPSK      | 1 | 1   | 23.66   | 23.47   | 23.48   |
| 40              |                         | 1 | 53  | 23.67   | 23.44   | 23.60   |
| 40              |                         | 1 | 104 | 23.68   | 23.25   | 23.83   |
| 40              | DFT-s-OFDM<br>16QAM     | 1 | 1   | 23.47   | 23.35   | 23.20   |
| 40              |                         | 1 | 53  | 23.76   | 23.46   | 23.65   |
| 40              |                         | 1 | 104 | 23.41   | 23.32   | 23.40   |
| 40              | DFT-s-OFDM<br>64QAM     | 1 | 1   | 23.61   | 23.60   | 23.35   |
| 40              |                         | 1 | 53  | 23.71   | 23.42   | 23.72   |
| 40              |                         | 1 | 104 | 23.88   | 23.42   | 23.88   |
| 40              | DFT-s-OFDM<br>256QAM    | 1 | 1   | 23.17   | 22.22   | 23.16   |
| 40              |                         | 1 | 53  | 23.67   | 23.46   | 23.64   |
| 40              |                         | 1 | 104 | 23.86   | 23.63   | 23.60   |
| Channel         |                         |   |     | 501204  | 518598  | 535998  |
| Frequency (MHz) |                         |   |     | 2506.02 | 2592.99 | 2679.99 |
| 20              | DFT-s-OFDM              | 1 | 1   | 23.76   | 23.41   | 23.62   |
| 20              | PI/2 BPSK               | 1 | 25  | 23.62   | 23.34   | 23.71   |



|    |                      |   |    |       |       |       |
|----|----------------------|---|----|-------|-------|-------|
| 20 |                      | 1 | 49 | 23.69 | 23.32 | 23.76 |
| 20 | DFT-s-OFDM<br>QPSK   | 1 | 1  | 23.62 | 23.44 | 23.69 |
| 20 |                      | 1 | 25 | 23.72 | 23.43 | 23.59 |
| 20 |                      | 1 | 49 | 23.66 | 23.36 | 23.80 |
| 20 | DFT-s-OFDM<br>16QAM  | 1 | 1  | 23.41 | 23.57 | 23.49 |
| 20 |                      | 1 | 25 | 23.58 | 23.37 | 23.65 |
| 20 |                      | 1 | 49 | 23.53 | 23.01 | 23.30 |
| 20 | DFT-s-OFDM<br>64QAM  | 1 | 1  | 23.72 | 23.72 | 23.76 |
| 20 |                      | 1 | 25 | 23.75 | 23.27 | 23.67 |
| 20 |                      | 1 | 49 | 23.67 | 23.07 | 23.94 |
| 20 | DFT-s-OFDM<br>256QAM | 1 | 1  | 23.52 | 23.31 | 23.77 |
| 20 |                      | 1 | 25 | 23.57 | 23.41 | 23.64 |
| 20 |                      | 1 | 49 | 23.40 | 23.51 | 23.76 |





**EN-DC\_66A-N41**

| BW [MHz]        | Modulation        | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| Channel         |                   |         |           | 509202      | 518598         | 528000       |
| Frequency (MHz) |                   |         |           | 2546.01     | 2592.99        | 2640         |
| 100             | CP-OFDM<br>QPSK   | 1       | 1         | 23.38       | 23.41          | 22.28        |
| 100             |                   | 1       | 136       | 23.10       | 23.08          | 22.90        |
| 100             |                   | 1       | 271       | 22.26       | 22.80          | 23.30        |
| 100             | CP-OFDM<br>16QAM  | 1       | 1         | 23.04       | 23.11          | 22.58        |
| 100             |                   | 1       | 136       | 23.03       | 23.11          | 22.93        |
| 100             |                   | 1       | 271       | 22.20       | 22.88          | 22.35        |
| 100             | CP-OFDM<br>64QAM  | 1       | 1         | 23.41       | 22.74          | 22.67        |
| 100             |                   | 1       | 136       | 23.04       | 23.09          | 22.89        |
| 100             |                   | 1       | 271       | 22.71       | 22.72          | 23.17        |
| 100             | CP-OFDM<br>256QAM | 1       | 1         | 21.90       | 20.85          | 21.62        |
| 100             |                   | 1       | 136       | 21.63       | 21.53          | 21.49        |
| 100             |                   | 1       | 271       | 21.26       | 21.44          | 21.76        |
| Channel         |                   |         |           | 507204      | 518598         | 529998       |
| Frequency (MHz) |                   |         |           | 2536.02     | 2592.99        | 2649.99      |
| 80              | CP-OFDM<br>QPSK   | 1       | 1         | 23.17       | 23.25          | 22.71        |
| 80              |                   | 1       | 108       | 23.26       | 23.10          | 23.03        |
| 80              |                   | 1       | 215       | 22.85       | 22.83          | 23.26        |
| 80              | CP-OFDM<br>16QAM  | 1       | 1         | 23.19       | 23.10          | 22.83        |
| 80              |                   | 1       | 108       | 23.31       | 23.01          | 22.04        |
| 80              |                   | 1       | 215       | 22.70       | 22.68          | 23.24        |
| 80              | CP-OFDM<br>64QAM  | 1       | 1         | 23.20       | 22.85          | 22.72        |
| 80              |                   | 1       | 108       | 23.20       | 23.00          | 23.04        |
| 80              |                   | 1       | 215       | 22.57       | 22.58          | 23.08        |
| 80              | CP-OFDM<br>256QAM | 1       | 1         | 22.08       | 20.94          | 21.38        |
| 80              |                   | 1       | 108       | 21.79       | 21.56          | 21.59        |
| 80              |                   | 1       | 215       | 22.07       | 21.64          | 21.68        |
| Channel         |                   |         |           | 505200      | 518598         | 531996       |
| Frequency (MHz) |                   |         |           | 2526        | 2592.99        | 2559.98      |
| 60              | CP-OFDM<br>QPSK   | 1       | 1         | 23.52       | 22.39          | 23.10        |
| 60              |                   | 1       | 81        | 23.69       | 23.17          | 23.30        |
| 60              |                   | 1       | 160       | 23.50       | 23.01          | 23.33        |
| 60              | CP-OFDM           | 1       | 1         | 23.42       | 23.01          | 22.17        |



|                 |                   |   |     |         |         |         |
|-----------------|-------------------|---|-----|---------|---------|---------|
| 60              | 16QAM             | 1 | 81  | 23.50   | 23.22   | 23.32   |
| 60              |                   | 1 | 160 | 23.01   | 23.59   | 23.20   |
| 60              | CP-OFDM<br>64QAM  | 1 | 1   | 23.32   | 23.51   | 22.96   |
| 60              |                   | 1 | 81  | 23.55   | 23.23   | 23.31   |
| 60              |                   | 1 | 160 | 23.56   | 23.14   | 23.06   |
| 60              | CP-OFDM<br>256QAM | 1 | 1   | 22.26   | 21.42   | 21.24   |
| 60              |                   | 1 | 81  | 22.26   | 21.78   | 21.89   |
| 60              |                   | 1 | 160 | 21.86   | 21.88   | 22.04   |
| Channel         |                   |   |     | 503202  | 518598  | 534000  |
| Frequency (MHz) |                   |   |     | 2516.01 | 2592.99 | 2670    |
| 40              | CP-OFDM<br>QPSK   | 1 | 1   | 23.60   | 23.35   | 23.39   |
| 40              |                   | 1 | 53  | 23.56   | 23.35   | 23.59   |
| 40              |                   | 1 | 104 | 23.45   | 23.19   | 23.80   |
| 40              | CP-OFDM<br>16QAM  | 1 | 1   | 23.36   | 23.30   | 23.16   |
| 40              |                   | 1 | 53  | 23.62   | 23.37   | 23.59   |
| 40              |                   | 1 | 104 | 23.38   | 23.25   | 23.36   |
| 40              | CP-OFDM<br>64QAM  | 1 | 1   | 23.36   | 22.89   | 23.28   |
| 40              |                   | 1 | 53  | 23.63   | 23.37   | 23.62   |
| 40              |                   | 1 | 104 | 23.55   | 23.38   | 23.10   |
| 40              | CP-OFDM<br>256QAM | 1 | 1   | 21.30   | 20.71   | 21.98   |
| 40              |                   | 1 | 53  | 22.23   | 21.62   | 22.17   |
| 40              |                   | 1 | 104 | 22.40   | 22.07   | 22.57   |
| Channel         |                   |   |     | 501204  | 518598  | 535998  |
| Frequency (MHz) |                   |   |     | 2506.02 | 2592.99 | 2679.99 |
| 20              | CP-OFDM<br>QPSK   | 1 | 1   | 23.54   | 23.40   | 23.64   |
| 20              |                   | 1 | 25  | 23.63   | 23.30   | 23.57   |
| 20              |                   | 1 | 49  | 23.58   | 23.22   | 23.79   |
| 20              | CP-OFDM<br>16QAM  | 1 | 1   | 23.40   | 23.15   | 23.45   |
| 20              |                   | 1 | 25  | 23.05   | 23.28   | 23.56   |
| 20              |                   | 1 | 49  | 23.46   | 23.00   | 23.23   |
| 20              | CP-OFDM<br>64QAM  | 1 | 1   | 23.09   | 23.35   | 23.67   |
| 20              |                   | 1 | 25  | 23.42   | 23.16   | 23.44   |
| 20              |                   | 1 | 49  | 23.59   | 23.01   | 23.83   |
| 20              | CP-OFDM<br>256QAM | 1 | 1   | 22.15   | 22.13   | 21.97   |
| 20              |                   | 1 | 25  | 21.88   | 21.80   | 22.68   |
| 20              |                   | 1 | 49  | 22.36   | 21.80   | 22.33   |



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

| EN-DC_2A-N41    |                         |         |           | Measured EIRP |       |                |       |              |       |   |  |
|-----------------|-------------------------|---------|-----------|---------------|-------|----------------|-------|--------------|-------|---|--|
| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel   |       | Middle Channel |       | High Channel |       |   |  |
| Channel         |                         |         |           | 509202        |       | 518598         |       | 528000       |       |   |  |
| Frequency (MHz) |                         |         |           | 2546.01       |       | 2592.99        |       | 2640         |       |   |  |
|                 |                         |         |           | dBm           |       | W              |       | dBm          |       | W |  |
| 100             | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 23.53         | 0.225 | 23.81          | 0.240 | 23.70        | 0.234 |   |  |
| 100             |                         | 135     | 67        | 23.56         | 0.227 | 23.71          | 0.235 | 23.40        | 0.219 |   |  |
| 100             |                         | 270     | 0         | 23.15         | 0.207 | 23.29          | 0.213 | 23.27        | 0.212 |   |  |
| 100             | DFT-s-OFDM<br>QPSK      | 1       | 1         | 23.54         | 0.226 | 23.60          | 0.229 | 23.65        | 0.232 |   |  |
| 100             |                         | 135     | 67        | 23.61         | 0.230 | 23.67          | 0.233 | 23.38        | 0.218 |   |  |
| 100             |                         | 270     | 0         | 23.09         | 0.204 | 23.31          | 0.214 | 23.30        | 0.214 |   |  |
| 100             | DFT-s-OFDM<br>16QAM     | 1       | 1         | 23.44         | 0.221 | 23.68          | 0.233 | 23.28        | 0.213 |   |  |
| 100             |                         | 135     | 67        | 23.53         | 0.225 | 23.59          | 0.229 | 23.40        | 0.219 |   |  |
| 100             |                         | 270     | 0         | 22.90         | 0.195 | 23.38          | 0.218 | 23.06        | 0.202 |   |  |
| 100             | DFT-s-OFDM<br>64QAM     | 1       | 1         | 23.89         | 0.245 | 23.49          | 0.223 | 23.50        | 0.224 |   |  |
| 100             |                         | 135     | 67        | 23.62         | 0.230 | 23.62          | 0.230 | 23.28        | 0.213 |   |  |
| 100             |                         | 270     | 0         | 23.27         | 0.212 | 23.42          | 0.220 | 23.22        | 0.210 |   |  |
| 100             | DFT-s-OFDM<br>256QAM    | 1       | 1         | 22.30         | 0.170 | 22.22          | 0.167 | 22.12        | 0.163 |   |  |
| 100             |                         | 135     | 67        | 22.53         | 0.179 | 22.11          | 0.163 | 21.76        | 0.150 |   |  |
| 100             |                         | 270     | 0         | 22.03         | 0.160 | 21.98          | 0.158 | 22.06        | 0.161 |   |  |
| Channel         |                         |         |           | 507204        |       | 518598         |       | 529998       |       |   |  |
| Frequency (MHz) |                         |         |           | 2536.02       |       | 2592.99        |       | 2649.99      |       |   |  |
|                 |                         |         |           | dBm           |       | W              |       | dBm          |       | W |  |
| 80              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 23.86         | 0.243 | 23.85          | 0.243 | 23.57        | 0.228 |   |  |
| 80              |                         | 108     | 54        | 23.96         | 0.249 | 23.72          | 0.236 | 23.47        | 0.222 |   |  |
| 80              |                         | 216     | 0         | 23.62         | 0.230 | 23.36          | 0.217 | 23.37        | 0.217 |   |  |
| 80              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 23.65         | 0.232 | 23.87          | 0.244 | 23.62        | 0.230 |   |  |
| 80              |                         | 108     | 54        | 23.63         | 0.231 | 23.70          | 0.234 | 23.55        | 0.226 |   |  |
| 80              |                         | 216     | 0         | 23.35         | 0.216 | 23.34          | 0.216 | 23.28        | 0.213 |   |  |
| 80              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 23.62         | 0.230 | 23.90          | 0.245 | 23.78        | 0.239 |   |  |
| 80              |                         | 108     | 54        | 23.63         | 0.231 | 23.70          | 0.234 | 23.44        | 0.221 |   |  |
| 80              |                         | 216     | 0         | 23.34         | 0.216 | 23.33          | 0.215 | 23.20        | 0.209 |   |  |
| 80              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 23.72         | 0.236 | 24.09          | 0.256 | 23.37        | 0.217 |   |  |
| 80              |                         | 108     | 54        | 23.76         | 0.238 | 23.73          | 0.236 | 23.50        | 0.224 |   |  |
| 80              |                         | 216     | 0         | 23.74         | 0.237 | 23.26          | 0.212 | 23.32        | 0.215 |   |  |



|                 |                         |     |    |         |       |         |       |         |       |
|-----------------|-------------------------|-----|----|---------|-------|---------|-------|---------|-------|
| 80              | DFT-s-OFDM<br>256QAM    | 1   | 1  | 22.04   | 0.160 | 22.53   | 0.179 | 21.93   | 0.156 |
| 80              |                         | 108 | 54 | 22.59   | 0.182 | 22.22   | 0.167 | 21.92   | 0.156 |
| 80              |                         | 216 | 0  | 22.53   | 0.179 | 21.79   | 0.151 | 21.96   | 0.157 |
| Channel         |                         |     |    | 505200  |       | 518598  |       | 531996  |       |
| Frequency (MHz) |                         |     |    | 2526    |       | 2592.99 |       | 2559.98 |       |
|                 |                         |     |    | dBm     | W     | dBm     | W     | dBm     | W     |
| 60              | DFT-s-OFDM<br>PI/2 BPSK | 1   | 1  | 23.96   | 0.249 | 24.07   | 0.255 | 23.62   | 0.230 |
| 60              |                         | 81  | 40 | 23.99   | 0.251 | 24.10   | 0.257 | 23.68   | 0.233 |
| 60              |                         | 162 | 0  | 23.83   | 0.242 | 23.92   | 0.247 | 23.70   | 0.234 |
| 60              | DFT-s-OFDM<br>QPSK      | 1   | 1  | 23.94   | 0.248 | 24.05   | 0.254 | 23.87   | 0.244 |
| 60              |                         | 81  | 40 | 24.08   | 0.256 | 24.08   | 0.256 | 23.65   | 0.232 |
| 60              |                         | 162 | 0  | 23.93   | 0.247 | 23.81   | 0.240 | 23.72   | 0.236 |
| 60              | DFT-s-OFDM<br>16QAM     | 1   | 1  | 24.10   | 0.257 | 23.68   | 0.233 | 23.57   | 0.228 |
| 60              |                         | 81  | 40 | 24.04   | 0.254 | 24.08   | 0.256 | 23.64   | 0.231 |
| 60              |                         | 162 | 0  | 23.95   | 0.248 | 23.84   | 0.242 | 23.87   | 0.244 |
| 60              | DFT-s-OFDM<br>64QAM     | 1   | 1  | 23.87   | 0.244 | 24.22   | 0.264 | 23.73   | 0.236 |
| 60              |                         | 81  | 40 | 23.98   | 0.250 | 24.00   | 0.251 | 23.69   | 0.234 |
| 60              |                         | 162 | 0  | 23.77   | 0.238 | 23.96   | 0.249 | 23.80   | 0.240 |
| 60              | DFT-s-OFDM<br>256QAM    | 1   | 1  | 22.40   | 0.174 | 22.71   | 0.187 | 22.13   | 0.163 |
| 60              |                         | 81  | 40 | 22.48   | 0.177 | 22.65   | 0.184 | 22.20   | 0.166 |
| 60              |                         | 162 | 0  | 22.36   | 0.172 | 22.29   | 0.169 | 22.09   | 0.162 |
| Channel         |                         |     |    | 503202  |       | 518598  |       | 534000  |       |
| Frequency (MHz) |                         |     |    | 2516.01 |       | 2592.99 |       | 2670    |       |
|                 |                         |     |    | dBm     | W     | dBm     | W     | dBm     | W     |
| 40              | DFT-s-OFDM<br>PI/2 BPSK | 1   | 1  | 23.99   | 0.251 | 24.07   | 0.255 | 23.77   | 0.238 |
| 40              |                         | 50  | 25 | 24.07   | 0.255 | 24.12   | 0.258 | 23.80   | 0.240 |
| 40              |                         | 100 | 0  | 24.01   | 0.252 | 23.98   | 0.250 | 23.72   | 0.236 |
| 40              | DFT-s-OFDM<br>QPSK      | 1   | 1  | 24.13   | 0.259 | 24.07   | 0.255 | 23.75   | 0.237 |
| 40              |                         | 50  | 25 | 24.05   | 0.254 | 24.10   | 0.257 | 23.85   | 0.243 |
| 40              |                         | 100 | 0  | 24.01   | 0.252 | 23.96   | 0.249 | 23.72   | 0.236 |
| 40              | DFT-s-OFDM<br>16QAM     | 1   | 1  | 24.26   | 0.267 | 23.88   | 0.244 | 23.62   | 0.230 |
| 40              |                         | 50  | 25 | 24.03   | 0.253 | 24.11   | 0.258 | 23.80   | 0.240 |
| 40              |                         | 100 | 0  | 23.89   | 0.245 | 23.71   | 0.235 | 23.51   | 0.224 |
| 40              | DFT-s-OFDM<br>64QAM     | 1   | 1  | 23.93   | 0.247 | 24.25   | 0.266 | 23.66   | 0.232 |
| 40              |                         | 50  | 25 | 24.12   | 0.258 | 24.07   | 0.255 | 23.72   | 0.236 |
| 40              |                         | 100 | 0  | 23.67   | 0.233 | 24.37   | 0.274 | 23.98   | 0.250 |
| 40              | DFT-s-OFDM<br>256QAM    | 1   | 1  | 22.51   | 0.178 | 22.87   | 0.194 | 22.57   | 0.181 |
| 40              |                         | 50  | 25 | 22.59   | 0.182 | 22.55   | 0.180 | 22.36   | 0.172 |



|                 |                         |     |    |         |       |         |       |         |       |
|-----------------|-------------------------|-----|----|---------|-------|---------|-------|---------|-------|
| 40              |                         | 100 | 0  | 22.79   | 0.190 | 22.32   | 0.171 | 22.21   | 0.166 |
| Channel         |                         |     |    | 501204  |       | 518598  |       | 535998  |       |
| Frequency (MHz) |                         |     |    | 2506.02 |       | 2592.99 |       | 2679.99 |       |
|                 |                         |     |    | dBm     | W     | dBm     | W     | dBm     | W     |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1   | 1  | 24.07   | 0.255 | 23.99   | 0.251 | 23.65   | 0.232 |
| 20              |                         | 25  | 12 | 24.14   | 0.259 | 24.04   | 0.254 | 23.77   | 0.238 |
| 20              |                         | 50  | 0  | 24.13   | 0.259 | 23.95   | 0.248 | 23.67   | 0.233 |
| 20              | DFT-s-OFDM<br>QPSK      | 1   | 1  | 24.02   | 0.252 | 23.97   | 0.249 | 23.69   | 0.234 |
| 20              |                         | 25  | 12 | 24.12   | 0.258 | 23.91   | 0.246 | 23.73   | 0.236 |
| 20              |                         | 50  | 0  | 24.16   | 0.261 | 24.03   | 0.253 | 23.70   | 0.234 |
| 20              | DFT-s-OFDM<br>16QAM     | 1   | 1  | 23.83   | 0.242 | 23.99   | 0.251 | 23.60   | 0.229 |
| 20              |                         | 25  | 12 | 24.04   | 0.254 | 23.92   | 0.247 | 23.69   | 0.234 |
| 20              |                         | 50  | 0  | 23.99   | 0.251 | 23.61   | 0.230 | 23.49   | 0.223 |
| 20              | DFT-s-OFDM<br>64QAM     | 1   | 1  | 24.38   | 0.274 | 23.86   | 0.243 | 23.83   | 0.242 |
| 20              |                         | 25  | 12 | 24.03   | 0.253 | 23.96   | 0.249 | 23.80   | 0.240 |
| 20              |                         | 50  | 0  | 24.22   | 0.264 | 23.99   | 0.251 | 23.55   | 0.226 |
| 20              | DFT-s-OFDM<br>256QAM    | 1   | 1  | 22.59   | 0.182 | 22.75   | 0.188 | 22.19   | 0.166 |
| 20              |                         | 25  | 12 | 22.60   | 0.182 | 22.53   | 0.179 | 22.25   | 0.168 |
| 20              |                         | 50  | 0  | 22.68   | 0.185 | 22.38   | 0.173 | 21.97   | 0.157 |



| EN-DC_2A-N41    |                |         |           | Measured EIRP |       |                |       |              |       |
|-----------------|----------------|---------|-----------|---------------|-------|----------------|-------|--------------|-------|
| BW [MHz]        | Modulation     | RB Size | RB Offset | Low Channel   |       | Middle Channel |       | High Channel |       |
| Channel         |                |         |           | 509202        |       | 518598         |       | 528000       |       |
| Frequency (MHz) |                |         |           | 2546.01       |       | 2592.99        |       | 2640         |       |
|                 |                |         |           | dBm           | W     | dBm            | W     | dBm          | W     |
| 100             | CP-OFDM QPSK   | 1       | 1         | 23.35         | 0.216 | 23.50          | 0.224 | 23.57        | 0.228 |
| 100             |                | 135     | 67        | 23.55         | 0.226 | 23.64          | 0.231 | 23.35        | 0.216 |
| 100             |                | 270     | 0         | 23.00         | 0.200 | 23.26          | 0.212 | 23.24        | 0.211 |
| 100             | CP-OFDM 16QAM  | 1       | 1         | 23.22         | 0.210 | 23.56          | 0.227 | 23.12        | 0.205 |
| 100             |                | 135     | 67        | 23.41         | 0.219 | 23.38          | 0.218 | 23.23        | 0.210 |
| 100             |                | 270     | 0         | 22.33         | 0.171 | 23.07          | 0.203 | 22.31        | 0.170 |
| 100             | CP-OFDM 64QAM  | 1       | 1         | 23.05         | 0.202 | 22.65          | 0.184 | 23.25        | 0.211 |
| 100             |                | 135     | 67        | 23.16         | 0.207 | 23.09          | 0.204 | 22.85        | 0.193 |
| 100             |                | 270     | 0         | 22.72         | 0.187 | 22.84          | 0.192 | 22.71        | 0.187 |
| 100             | CP-OFDM 256QAM | 1       | 1         | 20.39         | 0.109 | 20.53          | 0.113 | 20.39        | 0.109 |
| 100             |                | 135     | 67        | 20.14         | 0.103 | 20.22          | 0.105 | 19.88        | 0.097 |
| 100             |                | 270     | 0         | 20.38         | 0.109 | 19.79          | 0.095 | 20.01        | 0.100 |
| Channel         |                |         |           | 507204        |       | 518598         |       | 529998       |       |
| Frequency (MHz) |                |         |           | 2536.02       |       | 2592.99        |       | 2649.99      |       |
|                 |                |         |           | dBm           | W     | dBm            | W     | dBm          | W     |
| 80              | CP-OFDM QPSK   | 1       | 1         | 23.58         | 0.228 | 23.76          | 0.238 | 23.56        | 0.227 |
| 80              |                | 108     | 54        | 23.57         | 0.228 | 23.55          | 0.226 | 23.47        | 0.222 |
| 80              |                | 216     | 0         | 23.31         | 0.214 | 23.29          | 0.213 | 23.06        | 0.202 |
| 80              | CP-OFDM 16QAM  | 1       | 1         | 22.22         | 0.167 | 23.77          | 0.238 | 23.09        | 0.204 |
| 80              |                | 108     | 54        | 23.57         | 0.228 | 23.57          | 0.228 | 23.42        | 0.220 |
| 80              |                | 216     | 0         | 23.20         | 0.209 | 23.29          | 0.213 | 23.17        | 0.207 |
| 80              | CP-OFDM 64QAM  | 1       | 1         | 23.14         | 0.206 | 23.21          | 0.209 | 23.25        | 0.211 |
| 80              |                | 108     | 54        | 23.19         | 0.208 | 23.21          | 0.209 | 22.97        | 0.198 |
| 80              |                | 216     | 0         | 23.14         | 0.206 | 22.74          | 0.188 | 22.97        | 0.198 |
| 80              | CP-OFDM 256QAM | 1       | 1         | 20.32         | 0.108 | 20.26          | 0.106 | 20.24        | 0.106 |
| 80              |                | 108     | 54        | 20.21         | 0.105 | 20.15          | 0.104 | 19.95        | 0.099 |
| 80              |                | 216     | 0         | 19.90         | 0.098 | 19.83          | 0.096 | 19.86        | 0.097 |
| Channel         |                |         |           | 505200        |       | 518598         |       | 531996       |       |
| Frequency (MHz) |                |         |           | 2526          |       | 2592.99        |       | 2559.98      |       |
|                 |                |         |           | dBm           | W     | dBm            | W     | dBm          | W     |
| 60              | CP-OFDM        | 1       | 1         | 23.78         | 0.239 | 24.02          | 0.252 | 23.67        | 0.233 |



|                 |                   |     |    |         |       |         |       |         |       |
|-----------------|-------------------|-----|----|---------|-------|---------|-------|---------|-------|
| 60              | QPSK              | 81  | 40 | 24.02   | 0.252 | 24.01   | 0.252 | 23.48   | 0.223 |
| 60              |                   | 162 | 0  | 23.11   | 0.205 | 23.75   | 0.237 | 23.30   | 0.214 |
| 60              | CP-OFDM<br>16QAM  | 1   | 1  | 24.01   | 0.252 | 23.25   | 0.211 | 23.38   | 0.218 |
| 60              |                   | 81  | 40 | 24.01   | 0.252 | 24.06   | 0.255 | 23.57   | 0.228 |
| 60              |                   | 162 | 0  | 23.92   | 0.247 | 23.76   | 0.238 | 23.69   | 0.234 |
| 60              | CP-OFDM<br>64QAM  | 1   | 1  | 23.56   | 0.227 | 23.71   | 0.235 | 23.21   | 0.209 |
| 60              |                   | 81  | 40 | 23.49   | 0.223 | 23.53   | 0.225 | 23.20   | 0.209 |
| 60              |                   | 162 | 0  | 23.58   | 0.228 | 23.17   | 0.207 | 23.25   | 0.211 |
| 60              | CP-OFDM<br>256QAM | 1   | 1  | 20.83   | 0.121 | 20.79   | 0.120 | 20.24   | 0.106 |
| 60              |                   | 81  | 40 | 20.55   | 0.114 | 20.61   | 0.115 | 20.22   | 0.105 |
| 60              |                   | 162 | 0  | 20.58   | 0.114 | 20.35   | 0.108 | 20.26   | 0.106 |
| Channel         |                   |     |    | 503202  |       | 518598  |       | 534000  |       |
| Frequency (MHz) |                   |     |    | 2516.01 |       | 2592.99 |       | 2670    |       |
|                 |                   |     |    | dBm     | W     | dBm     | W     | dBm     | W     |
| 40              | CP-OFDM<br>QPSK   | 1   | 1  | 23.96   | 0.249 | 24.00   | 0.251 | 23.54   | 0.226 |
| 40              |                   | 50  | 25 | 24.01   | 0.252 | 24.09   | 0.256 | 23.69   | 0.234 |
| 40              |                   | 100 | 0  | 23.93   | 0.247 | 23.89   | 0.245 | 23.50   | 0.224 |
| 40              | CP-OFDM<br>16QAM  | 1   | 1  | 22.32   | 0.171 | 22.38   | 0.173 | 23.59   | 0.229 |
| 40              |                   | 50  | 25 | 24.00   | 0.251 | 24.02   | 0.252 | 23.74   | 0.237 |
| 40              |                   | 100 | 0  | 22.11   | 0.163 | 22.21   | 0.166 | 23.34   | 0.216 |
| 40              | CP-OFDM<br>64QAM  | 1   | 1  | 23.05   | 0.202 | 23.68   | 0.233 | 23.35   | 0.216 |
| 40              |                   | 50  | 25 | 23.63   | 0.231 | 23.57   | 0.228 | 23.36   | 0.217 |
| 40              |                   | 100 | 0  | 23.59   | 0.229 | 23.78   | 0.239 | 23.10   | 0.204 |
| 40              | CP-OFDM<br>256QAM | 1   | 1  | 20.43   | 0.110 | 20.68   | 0.117 | 20.17   | 0.104 |
| 40              |                   | 50  | 25 | 20.75   | 0.119 | 20.64   | 0.116 | 20.34   | 0.108 |
| 40              |                   | 100 | 0  | 20.60   | 0.115 | 20.50   | 0.112 | 20.19   | 0.104 |
| Channel         |                   |     |    | 501204  |       | 518598  |       | 535998  |       |
| Frequency (MHz) |                   |     |    | 2506.02 |       | 2592.99 |       | 2679.99 |       |
|                 |                   |     |    | dBm     | W     | dBm     | W     | dBm     | W     |
| 20              | CP-OFDM<br>QPSK   | 1   | 1  | 23.97   | 0.249 | 23.78   | 0.239 | 23.44   | 0.221 |
| 20              |                   | 25  | 12 | 24.01   | 0.252 | 23.88   | 0.244 | 23.63   | 0.231 |
| 20              |                   | 50  | 0  | 24.07   | 0.255 | 20.96   | 0.125 | 23.59   | 0.229 |
| 20              | CP-OFDM<br>16QAM  | 1   | 1  | 23.35   | 0.216 | 23.19   | 0.208 | 23.58   | 0.228 |
| 20              |                   | 25  | 12 | 24.01   | 0.252 | 23.82   | 0.241 | 23.30   | 0.214 |
| 20              |                   | 50  | 0  | 23.13   | 0.206 | 23.03   | 0.201 | 23.43   | 0.220 |
| 20              | CP-OFDM<br>64QAM  | 1   | 1  | 24.12   | 0.258 | 23.74   | 0.237 | 23.61   | 0.230 |
| 20              |                   | 25  | 12 | 24.01   | 0.252 | 23.02   | 0.200 | 23.69   | 0.234 |
| 20              |                   | 50  | 0  | 23.97   | 0.249 | 23.87   | 0.244 | 23.42   | 0.220 |



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|    |                   |    |    |       |       |       |       |       |       |
|----|-------------------|----|----|-------|-------|-------|-------|-------|-------|
| 20 | CP-OFDM<br>256QAM | 1  | 1  | 20.56 | 0.114 | 20.62 | 0.115 | 20.48 | 0.112 |
| 20 |                   | 25 | 12 | 20.43 | 0.110 | 20.33 | 0.108 | 20.21 | 0.105 |
| 20 |                   | 50 | 0  | 20.58 | 0.114 | 20.55 | 0.114 | 20.62 | 0.115 |





| EN-DC_2C-N41    |                         |         |           | Measured EIRP |       |                |       |              |       |
|-----------------|-------------------------|---------|-----------|---------------|-------|----------------|-------|--------------|-------|
| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel   |       | Middle Channel |       | High Channel |       |
| Channel         |                         |         |           | 509202        |       | 518598         |       | 528000       |       |
| Frequency (MHz) |                         |         |           | 2546.01       |       | 2592.99        |       | 2640         |       |
|                 |                         |         |           | dBm           | W     | dBm            | W     | dBm          | W     |
| 100             | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.33         | 0.171 | 22.29          | 0.169 | 22.26        | 0.168 |
| 100             |                         | 135     | 67        | 22.30         | 0.170 | 22.13          | 0.163 | 22.44        | 0.175 |
| 100             |                         | 270     | 0         | 21.79         | 0.151 | 22.06          | 0.161 | 22.10        | 0.162 |
| 100             | DFT-s-OFDM<br>QPSK      | 1       | 1         | 22.12         | 0.163 | 22.32          | 0.171 | 22.34        | 0.171 |
| 100             |                         | 135     | 67        | 22.28         | 0.169 | 22.09          | 0.162 | 22.21        | 0.166 |
| 100             |                         | 270     | 0         | 21.96         | 0.157 | 22.12          | 0.163 | 22.09        | 0.162 |
| 100             | DFT-s-OFDM<br>16QAM     | 1       | 1         | 22.30         | 0.170 | 22.44          | 0.175 | 22.26        | 0.168 |
| 100             |                         | 135     | 67        | 22.19         | 0.166 | 22.09          | 0.162 | 22.17        | 0.165 |
| 100             |                         | 270     | 0         | 21.99         | 0.158 | 22.36          | 0.172 | 22.39        | 0.173 |
| 100             | DFT-s-OFDM<br>64QAM     | 1       | 1         | 22.14         | 0.164 | 21.63          | 0.146 | 22.07        | 0.161 |
| 100             |                         | 135     | 67        | 22.17         | 0.165 | 22.08          | 0.161 | 22.23        | 0.167 |
| 100             |                         | 270     | 0         | 21.89         | 0.155 | 21.86          | 0.153 | 22.00        | 0.158 |
| 100             | DFT-s-OFDM<br>256QAM    | 1       | 1         | 22.22         | 0.167 | 20.53          | 0.113 | 21.85        | 0.153 |
| 100             |                         | 135     | 67        | 22.21         | 0.166 | 22.21          | 0.166 | 22.25        | 0.168 |
| 100             |                         | 270     | 0         | 21.93         | 0.156 | 22.12          | 0.163 | 22.32        | 0.171 |
| Channel         |                         |         |           | 507204        |       | 518598         |       | 529998       |       |
| Frequency (MHz) |                         |         |           | 2536.02       |       | 2592.99        |       | 2649.99      |       |
|                 |                         |         |           | dBm           | W     | dBm            | W     | dBm          | W     |
| 80              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 22.28         | 0.169 | 22.35          | 0.172 | 22.26        | 0.168 |
| 80              |                         | 108     | 54        | 22.53         | 0.179 | 22.37          | 0.173 | 22.28        | 0.169 |
| 80              |                         | 216     | 0         | 21.79         | 0.151 | 22.18          | 0.165 | 22.05        | 0.160 |
| 80              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 22.38         | 0.173 | 22.13          | 0.163 | 22.34        | 0.171 |
| 80              |                         | 108     | 54        | 22.41         | 0.174 | 22.21          | 0.166 | 22.36        | 0.172 |
| 80              |                         | 216     | 0         | 21.87         | 0.154 | 22.19          | 0.166 | 22.16        | 0.164 |
| 80              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 21.95         | 0.157 | 21.98          | 0.158 | 22.62        | 0.183 |
| 80              |                         | 108     | 54        | 22.35         | 0.172 | 22.13          | 0.163 | 22.26        | 0.168 |
| 80              |                         | 216     | 0         | 21.87         | 0.154 | 22.07          | 0.161 | 22.13        | 0.163 |
| 80              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 22.12         | 0.163 | 22.26          | 0.168 | 22.28        | 0.169 |
| 80              |                         | 108     | 54        | 22.31         | 0.170 | 22.04          | 0.160 | 22.29        | 0.169 |
| 80              |                         | 216     | 0         | 22.08         | 0.161 | 22.18          | 0.165 | 22.11        | 0.163 |
| 80              | DFT-s-OFDM              | 1       | 1         | 21.99         | 0.158 | 20.33          | 0.108 | 22.54        | 0.179 |



|                 |                         |     |    |         |       |         |       |         |       |
|-----------------|-------------------------|-----|----|---------|-------|---------|-------|---------|-------|
| 80              | 256QAM                  | 108 | 54 | 22.30   | 0.170 | 22.04   | 0.160 | 22.32   | 0.171 |
| 80              |                         | 216 | 0  | 21.78   | 0.151 | 22.27   | 0.169 | 21.97   | 0.157 |
| Channel         |                         |     |    | 505200  |       | 518598  |       | 531996  |       |
| Frequency (MHz) |                         |     |    | 2526    |       | 2592.99 |       | 2559.98 |       |
|                 |                         |     |    | dBm     | W     | dBm     | W     | dBm     | W     |
| 60              | DFT-s-OFDM<br>PI/2 BPSK | 1   | 1  | 22.82   | 0.191 | 22.46   | 0.176 | 22.73   | 0.187 |
| 60              |                         | 81  | 40 | 22.82   | 0.191 | 22.55   | 0.180 | 22.60   | 0.182 |
| 60              |                         | 162 | 0  | 22.55   | 0.180 | 22.64   | 0.184 | 22.55   | 0.180 |
| 60              | DFT-s-OFDM<br>QPSK      | 1   | 1  | 22.81   | 0.191 | 22.57   | 0.181 | 22.83   | 0.192 |
| 60              |                         | 81  | 40 | 22.75   | 0.188 | 22.34   | 0.171 | 22.61   | 0.182 |
| 60              |                         | 162 | 0  | 22.57   | 0.181 | 22.50   | 0.178 | 22.60   | 0.182 |
| 60              | DFT-s-OFDM<br>16QAM     | 1   | 1  | 22.66   | 0.185 | 22.34   | 0.171 | 22.88   | 0.194 |
| 60              |                         | 81  | 40 | 22.84   | 0.192 | 22.41   | 0.174 | 22.70   | 0.186 |
| 60              |                         | 162 | 0  | 22.61   | 0.182 | 22.67   | 0.185 | 22.43   | 0.175 |
| 60              | DFT-s-OFDM<br>64QAM     | 1   | 1  | 22.77   | 0.189 | 22.74   | 0.188 | 22.87   | 0.194 |
| 60              |                         | 81  | 40 | 22.83   | 0.192 | 22.35   | 0.172 | 22.55   | 0.180 |
| 60              |                         | 162 | 0  | 22.61   | 0.182 | 22.50   | 0.178 | 22.73   | 0.187 |
| 60              | DFT-s-OFDM<br>256QAM    | 1   | 1  | 22.72   | 0.187 | 20.87   | 0.122 | 23.02   | 0.200 |
| 60              |                         | 81  | 40 | 22.83   | 0.192 | 22.16   | 0.164 | 22.64   | 0.184 |
| 60              |                         | 162 | 0  | 22.74   | 0.188 | 22.27   | 0.169 | 22.46   | 0.176 |
| Channel         |                         |     |    | 503202  |       | 518598  |       | 534000  |       |
| Frequency (MHz) |                         |     |    | 2516.01 |       | 2592.99 |       | 2670    |       |
|                 |                         |     |    | dBm     | W     | dBm     | W     | dBm     | W     |
| 40              | DFT-s-OFDM<br>PI/2 BPSK | 1   | 1  | 22.94   | 0.197 | 22.48   | 0.177 | 22.87   | 0.194 |
| 40              |                         | 50  | 25 | 22.96   | 0.198 | 22.56   | 0.180 | 22.73   | 0.187 |
| 40              |                         | 100 | 0  | 22.89   | 0.195 | 22.55   | 0.180 | 22.78   | 0.190 |
| 40              | DFT-s-OFDM<br>QPSK      | 1   | 1  | 22.93   | 0.196 | 22.56   | 0.180 | 22.83   | 0.192 |
| 40              |                         | 50  | 25 | 22.93   | 0.196 | 22.45   | 0.176 | 22.70   | 0.186 |
| 40              |                         | 100 | 0  | 22.75   | 0.188 | 22.65   | 0.184 | 22.73   | 0.187 |
| 40              | DFT-s-OFDM<br>16QAM     | 1   | 1  | 22.84   | 0.192 | 22.52   | 0.179 | 23.13   | 0.206 |
| 40              |                         | 50  | 25 | 22.83   | 0.192 | 22.45   | 0.176 | 22.72   | 0.187 |
| 40              |                         | 100 | 0  | 22.86   | 0.193 | 22.92   | 0.196 | 22.85   | 0.193 |
| 40              | DFT-s-OFDM<br>64QAM     | 1   | 1  | 22.45   | 0.176 | 22.39   | 0.173 | 23.07   | 0.203 |
| 40              |                         | 50  | 25 | 22.84   | 0.192 | 22.48   | 0.177 | 22.75   | 0.188 |
| 40              |                         | 100 | 0  | 22.81   | 0.191 | 22.25   | 0.168 | 22.90   | 0.195 |
| 40              | DFT-s-OFDM<br>256QAM    | 1   | 1  | 21.09   | 0.129 | 20.58   | 0.114 | 23.10   | 0.204 |
| 40              |                         | 50  | 25 | 22.38   | 0.173 | 21.84   | 0.153 | 22.66   | 0.185 |
| 40              |                         | 100 | 0  | 22.22   | 0.167 | 22.12   | 0.163 | 21.79   | 0.151 |



| Channel         |                         |    |    | 501204  |       | 518598  |       | 535998  |       |
|-----------------|-------------------------|----|----|---------|-------|---------|-------|---------|-------|
| Frequency (MHz) |                         |    |    | 2506.02 |       | 2592.99 |       | 2679.99 |       |
|                 |                         |    |    | dBm     | W     | dBm     | W     | dBm     | W     |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1  | 1  | 22.79   | 0.190 | 22.27   | 0.169 | 22.58   | 0.181 |
| 20              |                         | 25 | 12 | 22.95   | 0.197 | 22.56   | 0.180 | 22.66   | 0.185 |
| 20              |                         | 50 | 0  | 22.79   | 0.190 | 22.40   | 0.174 | 22.69   | 0.186 |
| 20              | DFT-s-OFDM<br>QPSK      | 1  | 1  | 22.67   | 0.185 | 22.40   | 0.174 | 22.51   | 0.178 |
| 20              |                         | 25 | 12 | 22.80   | 0.191 | 22.58   | 0.181 | 22.66   | 0.185 |
| 20              |                         | 50 | 0  | 22.88   | 0.194 | 22.43   | 0.175 | 22.68   | 0.185 |
| 20              | DFT-s-OFDM<br>16QAM     | 1  | 1  | 22.92   | 0.196 | 22.18   | 0.165 | 22.82   | 0.191 |
| 20              |                         | 25 | 12 | 22.75   | 0.188 | 22.41   | 0.174 | 22.54   | 0.179 |
| 20              |                         | 50 | 0  | 22.79   | 0.190 | 22.39   | 0.173 | 22.41   | 0.174 |
| 20              | DFT-s-OFDM<br>64QAM     | 1  | 1  | 22.50   | 0.178 | 22.06   | 0.161 | 22.60   | 0.182 |
| 20              |                         | 25 | 12 | 22.84   | 0.192 | 22.45   | 0.176 | 22.57   | 0.181 |
| 20              |                         | 50 | 0  | 22.86   | 0.193 | 22.41   | 0.174 | 22.84   | 0.192 |
| 20              | DFT-s-OFDM<br>256QAM    | 1  | 1  | 21.83   | 0.152 | 21.69   | 0.148 | 22.42   | 0.175 |
| 20              |                         | 25 | 12 | 22.04   | 0.160 | 22.02   | 0.159 | 22.59   | 0.182 |
| 20              |                         | 50 | 0  | 22.82   | 0.191 | 22.44   | 0.175 | 22.72   | 0.187 |



| EN-DC_2C-N41    |                |         |           | Measured EIRP |       |                |       |              |       |
|-----------------|----------------|---------|-----------|---------------|-------|----------------|-------|--------------|-------|
| BW [MHz]        | Modulation     | RB Size | RB Offset | Low Channel   |       | Middle Channel |       | High Channel |       |
| Channel         |                |         |           | 509202        |       | 518598         |       | 528000       |       |
| Frequency (MHz) |                |         |           | 2546.01       |       | 2592.99        |       | 2640         |       |
|                 |                |         |           | dBm           | W     | dBm            | W     | dBm          | W     |
| 100             | CP-OFDM QPSK   | 1       | 1         | 22.00         | 0.158 | 22.30          | 0.170 | 22.29        | 0.169 |
| 100             |                | 135     | 67        | 22.25         | 0.168 | 22.04          | 0.160 | 22.20        | 0.166 |
| 100             |                | 270     | 0         | 21.85         | 0.153 | 22.10          | 0.162 | 22.04        | 0.160 |
| 100             | CP-OFDM 16QAM  | 1       | 1         | 22.28         | 0.169 | 22.04          | 0.160 | 22.16        | 0.164 |
| 100             |                | 135     | 67        | 22.14         | 0.164 | 22.08          | 0.161 | 22.13        | 0.163 |
| 100             |                | 270     | 0         | 21.98         | 0.158 | 22.07          | 0.161 | 22.37        | 0.173 |
| 100             | CP-OFDM 64QAM  | 1       | 1         | 22.08         | 0.161 | 20.64          | 0.116 | 21.48        | 0.141 |
| 100             |                | 135     | 67        | 22.07         | 0.161 | 22.01          | 0.159 | 22.20        | 0.166 |
| 100             |                | 270     | 0         | 21.13         | 0.130 | 21.81          | 0.152 | 21.99        | 0.158 |
| 100             | CP-OFDM 256QAM | 1       | 1         | 20.64         | 0.116 | 18.87          | 0.077 | 20.22        | 0.105 |
| 100             |                | 135     | 67        | 20.75         | 0.119 | 20.15          | 0.104 | 20.77        | 0.119 |
| 100             |                | 270     | 0         | 20.41         | 0.110 | 20.67          | 0.117 | 20.71        | 0.118 |
| Channel         |                |         |           | 507204        |       | 518598         |       | 529998       |       |
| Frequency (MHz) |                |         |           | 2536.02       |       | 2592.99        |       | 2649.99      |       |
|                 |                |         |           | dBm           | W     | dBm            | W     | dBm          | W     |
| 80              | CP-OFDM QPSK   | 1       | 1         | 22.34         | 0.171 | 22.02          | 0.159 | 22.21        | 0.166 |
| 80              |                | 108     | 54        | 22.27         | 0.169 | 22.17          | 0.165 | 22.25        | 0.168 |
| 80              |                | 216     | 0         | 21.71         | 0.148 | 22.10          | 0.162 | 22.15        | 0.164 |
| 80              | CP-OFDM 16QAM  | 1       | 1         | 21.41         | 0.138 | 21.10          | 0.129 | 22.07        | 0.161 |
| 80              |                | 108     | 54        | 22.32         | 0.171 | 22.11          | 0.163 | 22.25        | 0.168 |
| 80              |                | 216     | 0         | 21.07         | 0.128 | 22.01          | 0.159 | 22.07        | 0.161 |
| 80              | CP-OFDM 64QAM  | 1       | 1         | 22.07         | 0.161 | 21.14          | 0.130 | 22.09        | 0.162 |
| 80              |                | 108     | 54        | 22.24         | 0.167 | 22.01          | 0.159 | 22.24        | 0.167 |
| 80              |                | 216     | 0         | 21.85         | 0.153 | 22.03          | 0.160 | 22.06        | 0.161 |
| 80              | CP-OFDM 256QAM | 1       | 1         | 20.74         | 0.119 | 19.17          | 0.083 | 21.18        | 0.131 |
| 80              |                | 108     | 54        | 20.86         | 0.122 | 20.00          | 0.100 | 20.79        | 0.120 |
| 80              |                | 216     | 0         | 20.47         | 0.111 | 20.57          | 0.114 | 20.56        | 0.114 |
| Channel         |                |         |           | 505200        |       | 518598         |       | 531996       |       |
| Frequency (MHz) |                |         |           | 2526          |       | 2592.99        |       | 2559.98      |       |
|                 |                |         |           | dBm           | W     | dBm            | W     | dBm          | W     |
| 60              | CP-OFDM        | 1       | 1         | 22.03         | 0.160 | 22.40          | 0.174 | 22.60        | 0.182 |



|                 |                   |     |    |         |       |         |       |         |       |
|-----------------|-------------------|-----|----|---------|-------|---------|-------|---------|-------|
| 60              | QPSK              | 81  | 40 | 22.69   | 0.186 | 22.24   | 0.167 | 22.51   | 0.178 |
| 60              |                   | 162 | 0  | 22.43   | 0.175 | 22.33   | 0.171 | 22.53   | 0.179 |
| 60              | CP-OFDM<br>16QAM  | 1   | 1  | 22.60   | 0.182 | 22.25   | 0.168 | 22.74   | 0.188 |
| 60              |                   | 81  | 40 | 22.71   | 0.187 | 22.32   | 0.171 | 22.61   | 0.182 |
| 60              |                   | 162 | 0  | 22.54   | 0.179 | 22.33   | 0.171 | 22.42   | 0.175 |
| 60              | CP-OFDM<br>64QAM  | 1   | 1  | 22.62   | 0.183 | 21.74   | 0.149 | 22.69   | 0.186 |
| 60              |                   | 81  | 40 | 22.76   | 0.189 | 22.27   | 0.169 | 22.48   | 0.177 |
| 60              |                   | 162 | 0  | 22.55   | 0.180 | 22.27   | 0.169 | 22.60   | 0.182 |
| 60              | CP-OFDM<br>256QAM | 1   | 1  | 21.43   | 0.139 | 19.60   | 0.091 | 21.40   | 0.138 |
| 60              |                   | 81  | 40 | 21.27   | 0.134 | 20.12   | 0.103 | 21.13   | 0.130 |
| 60              |                   | 162 | 0  | 21.41   | 0.138 | 21.21   | 0.132 | 21.13   | 0.130 |
| Channel         |                   |     |    | 503202  |       | 518598  |       | 534000  |       |
| Frequency (MHz) |                   |     |    | 2516.01 |       | 2592.99 |       | 2670    |       |
|                 |                   |     |    | dBm     | W     | dBm     | W     | dBm     | W     |
| 40              | CP-OFDM<br>QPSK   | 1   | 1  | 22.90   | 0.195 | 22.27   | 0.169 | 22.26   | 0.168 |
| 40              |                   | 50  | 25 | 22.75   | 0.188 | 22.42   | 0.175 | 22.69   | 0.186 |
| 40              |                   | 100 | 0  | 22.63   | 0.183 | 22.57   | 0.181 | 22.64   | 0.184 |
| 40              | CP-OFDM<br>16QAM  | 1   | 1  | 22.41   | 0.174 | 21.92   | 0.156 | 22.84   | 0.192 |
| 40              |                   | 50  | 25 | 22.77   | 0.189 | 22.39   | 0.173 | 22.67   | 0.185 |
| 40              |                   | 100 | 0  | 22.10   | 0.162 | 22.55   | 0.180 | 22.23   | 0.167 |
| 40              | CP-OFDM<br>64QAM  | 1   | 1  | 21.70   | 0.148 | 20.70   | 0.117 | 22.71   | 0.187 |
| 40              |                   | 50  | 25 | 22.78   | 0.190 | 22.28   | 0.169 | 22.70   | 0.186 |
| 40              |                   | 100 | 0  | 22.72   | 0.187 | 22.13   | 0.163 | 22.59   | 0.182 |
| 40              | CP-OFDM<br>256QAM | 1   | 1  | 19.59   | 0.091 | 18.94   | 0.078 | 21.25   | 0.133 |
| 40              |                   | 50  | 25 | 20.33   | 0.108 | 19.71   | 0.094 | 20.70   | 0.117 |
| 40              |                   | 100 | 0  | 20.81   | 0.121 | 20.94   | 0.124 | 20.78   | 0.120 |
| Channel         |                   |     |    | 501204  |       | 518598  |       | 535998  |       |
| Frequency (MHz) |                   |     |    | 2506.02 |       | 2592.99 |       | 2679.99 |       |
|                 |                   |     |    | dBm     | W     | dBm     | W     | dBm     | W     |
| 20              | CP-OFDM<br>QPSK   | 1   | 1  | 22.05   | 0.160 | 22.32   | 0.171 | 22.50   | 0.178 |
| 20              |                   | 25  | 12 | 22.74   | 0.188 | 22.47   | 0.177 | 22.59   | 0.182 |
| 20              |                   | 50  | 0  | 22.71   | 0.187 | 22.31   | 0.170 | 22.57   | 0.181 |
| 20              | CP-OFDM<br>16QAM  | 1   | 1  | 22.78   | 0.190 | 22.08   | 0.161 | 22.66   | 0.185 |
| 20              |                   | 25  | 12 | 22.73   | 0.187 | 22.37   | 0.173 | 22.43   | 0.175 |
| 20              |                   | 50  | 0  | 22.68   | 0.185 | 22.26   | 0.168 | 22.39   | 0.173 |
| 20              | CP-OFDM<br>64QAM  | 1   | 1  | 22.07   | 0.161 | 21.76   | 0.150 | 22.38   | 0.173 |
| 20              |                   | 25  | 12 | 22.59   | 0.182 | 22.34   | 0.171 | 22.50   | 0.178 |
| 20              |                   | 50  | 0  | 22.80   | 0.191 | 22.36   | 0.172 | 22.79   | 0.190 |



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|    |                   |    |    |       |       |       |       |       |       |
|----|-------------------|----|----|-------|-------|-------|-------|-------|-------|
| 20 | CP-OFDM<br>256QAM | 1  | 1  | 20.28 | 0.107 | 19.51 | 0.089 | 21.13 | 0.130 |
| 20 |                   | 25 | 12 | 20.20 | 0.105 | 19.83 | 0.096 | 21.02 | 0.126 |
| 20 |                   | 50 | 0  | 21.03 | 0.127 | 20.87 | 0.122 | 21.28 | 0.134 |



| EN-DC_66A-N41   |                         |         |           | Measured EIRP |       |                |       |              |       |
|-----------------|-------------------------|---------|-----------|---------------|-------|----------------|-------|--------------|-------|
| BW [MHz]        | Modulation              | RB Size | RB Offset | Low Channel   |       | Middle Channel |       | High Channel |       |
| Channel         |                         |         |           | 509202        |       | 518598         |       | 528000       |       |
| Frequency (MHz) |                         |         |           | 2546.01       |       | 2592.99        |       | 2640         |       |
|                 |                         |         |           | dBm           | W     | dBm            | W     | dBm          | W     |
| 100             | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 23.22         | 0.210 | 23.46          | 0.222 | 22.92        | 0.196 |
| 100             |                         | 135     | 67        | 23.18         | 0.208 | 23.05          | 0.202 | 23.00        | 0.200 |
| 100             |                         | 270     | 0         | 22.59         | 0.182 | 22.95          | 0.197 | 23.28        | 0.213 |
| 100             | DFT-s-OFDM<br>QPSK      | 1       | 1         | 23.47         | 0.222 | 23.50          | 0.224 | 22.93        | 0.196 |
| 100             |                         | 135     | 67        | 23.11         | 0.205 | 23.12          | 0.205 | 22.98        | 0.199 |
| 100             |                         | 270     | 0         | 22.67         | 0.185 | 22.99          | 0.199 | 23.31        | 0.214 |
| 100             | DFT-s-OFDM<br>16QAM     | 1       | 1         | 23.37         | 0.217 | 23.28          | 0.213 | 22.64        | 0.184 |
| 100             |                         | 135     | 67        | 23.12         | 0.205 | 23.12          | 0.205 | 22.99        | 0.199 |
| 100             |                         | 270     | 0         | 22.34         | 0.171 | 23.13          | 0.206 | 22.90        | 0.195 |
| 100             | DFT-s-OFDM<br>64QAM     | 1       | 1         | 23.57         | 0.228 | 23.57          | 0.228 | 22.74        | 0.188 |
| 100             |                         | 135     | 67        | 23.11         | 0.205 | 23.10          | 0.204 | 23.02        | 0.200 |
| 100             |                         | 270     | 0         | 23.26         | 0.212 | 22.98          | 0.199 | 23.29        | 0.213 |
| 100             | DFT-s-OFDM<br>256QAM    | 1       | 1         | 23.45         | 0.221 | 22.12          | 0.163 | 23.16        | 0.207 |
| 100             |                         | 135     | 67        | 23.17         | 0.207 | 23.07          | 0.203 | 23.01        | 0.200 |
| 100             |                         | 270     | 0         | 22.24         | 0.167 | 22.79          | 0.190 | 23.16        | 0.207 |
| Channel         |                         |         |           | 507204        |       | 518598         |       | 529998       |       |
| Frequency (MHz) |                         |         |           | 2536.02       |       | 2592.99        |       | 2649.99      |       |
|                 |                         |         |           | dBm           | W     | dBm            | W     | dBm          | W     |
| 80              | DFT-s-OFDM<br>PI/2 BPSK | 1       | 1         | 23.43         | 0.220 | 23.32          | 0.215 | 23.00        | 0.200 |
| 80              |                         | 108     | 54        | 23.28         | 0.213 | 23.15          | 0.207 | 23.06        | 0.202 |
| 80              |                         | 216     | 0         | 22.81         | 0.191 | 22.86          | 0.193 | 23.35        | 0.216 |
| 80              | DFT-s-OFDM<br>QPSK      | 1       | 1         | 23.28         | 0.213 | 23.35          | 0.216 | 22.88        | 0.194 |
| 80              |                         | 108     | 54        | 23.27         | 0.212 | 23.12          | 0.205 | 23.04        | 0.201 |
| 80              |                         | 216     | 0         | 22.90         | 0.195 | 22.93          | 0.196 | 23.36        | 0.217 |
| 80              | DFT-s-OFDM<br>16QAM     | 1       | 1         | 23.26         | 0.212 | 23.12          | 0.205 | 23.09        | 0.204 |
| 80              |                         | 108     | 54        | 23.33         | 0.215 | 23.38          | 0.218 | 22.97        | 0.198 |
| 80              |                         | 216     | 0         | 22.76         | 0.189 | 22.71          | 0.187 | 23.26        | 0.212 |
| 80              | DFT-s-OFDM<br>64QAM     | 1       | 1         | 23.30         | 0.214 | 23.49          | 0.223 | 23.13        | 0.206 |
| 80              |                         | 108     | 54        | 23.25         | 0.211 | 23.05          | 0.202 | 23.15        | 0.207 |
| 80              |                         | 216     | 0         | 22.69         | 0.186 | 23.12          | 0.205 | 23.12        | 0.205 |
| 80              | DFT-s-OFDM              | 1       | 1         | 23.10         | 0.204 | 22.65          | 0.184 | 23.08        | 0.203 |



|                 |                         |     |    |         |       |         |       |         |       |
|-----------------|-------------------------|-----|----|---------|-------|---------|-------|---------|-------|
| 80              | 256QAM                  | 108 | 54 | 23.21   | 0.209 | 23.06   | 0.202 | 23.01   | 0.200 |
| 80              |                         | 216 | 0  | 23.00   | 0.200 | 23.00   | 0.200 | 23.01   | 0.200 |
| Channel         |                         |     |    | 505200  |       | 518598  |       | 531996  |       |
| Frequency (MHz) |                         |     |    | 2526    |       | 2592.99 |       | 2559.98 |       |
|                 |                         |     |    | dBm     | W     | dBm     | W     | dBm     | W     |
| 60              | DFT-s-OFDM<br>PI/2 BPSK | 1   | 1  | 23.67   | 0.233 | 23.36   | 0.217 | 23.02   | 0.200 |
| 60              |                         | 81  | 40 | 23.64   | 0.231 | 23.35   | 0.216 | 23.39   | 0.218 |
| 60              |                         | 162 | 0  | 23.38   | 0.218 | 23.20   | 0.209 | 23.56   | 0.227 |
| 60              | DFT-s-OFDM<br>QPSK      | 1   | 1  | 23.66   | 0.232 | 22.84   | 0.192 | 23.15   | 0.207 |
| 60              |                         | 81  | 40 | 23.72   | 0.236 | 23.24   | 0.211 | 23.36   | 0.217 |
| 60              |                         | 162 | 0  | 23.53   | 0.225 | 23.08   | 0.203 | 23.46   | 0.222 |
| 60              | DFT-s-OFDM<br>16QAM     | 1   | 1  | 23.56   | 0.227 | 23.02   | 0.200 | 22.86   | 0.193 |
| 60              |                         | 81  | 40 | 23.67   | 0.233 | 23.31   | 0.214 | 23.29   | 0.213 |
| 60              |                         | 162 | 0  | 23.08   | 0.203 | 23.62   | 0.230 | 23.45   | 0.221 |
| 60              | DFT-s-OFDM<br>64QAM     | 1   | 1  | 23.83   | 0.242 | 23.62   | 0.230 | 22.97   | 0.198 |
| 60              |                         | 81  | 40 | 23.65   | 0.232 | 23.31   | 0.214 | 23.35   | 0.216 |
| 60              |                         | 162 | 0  | 23.87   | 0.244 | 23.20   | 0.209 | 23.69   | 0.234 |
| 60              | DFT-s-OFDM<br>256QAM    | 1   | 1  | 23.85   | 0.243 | 22.58   | 0.181 | 23.09   | 0.204 |
| 60              |                         | 81  | 40 | 23.67   | 0.233 | 23.28   | 0.213 | 23.38   | 0.218 |
| 60              |                         | 162 | 0  | 23.57   | 0.228 | 23.43   | 0.220 | 23.64   | 0.231 |
| Channel         |                         |     |    | 503202  |       | 518598  |       | 534000  |       |
| Frequency (MHz) |                         |     |    | 2516.01 |       | 2592.99 |       | 2670    |       |
|                 |                         |     |    | dBm     | W     | dBm     | W     | dBm     | W     |
| 40              | DFT-s-OFDM<br>PI/2 BPSK | 1   | 1  | 23.69   | 0.234 | 23.45   | 0.221 | 23.41   | 0.219 |
| 40              |                         | 50  | 25 | 23.70   | 0.234 | 23.47   | 0.222 | 23.64   | 0.231 |
| 40              |                         | 100 | 0  | 23.63   | 0.231 | 23.29   | 0.213 | 23.75   | 0.237 |
| 40              | DFT-s-OFDM<br>QPSK      | 1   | 1  | 23.66   | 0.232 | 23.47   | 0.222 | 23.48   | 0.223 |
| 40              |                         | 50  | 25 | 23.67   | 0.233 | 23.44   | 0.221 | 23.60   | 0.229 |
| 40              |                         | 100 | 0  | 23.68   | 0.233 | 23.25   | 0.211 | 23.83   | 0.242 |
| 40              | DFT-s-OFDM<br>16QAM     | 1   | 1  | 23.47   | 0.222 | 23.35   | 0.216 | 23.20   | 0.209 |
| 40              |                         | 50  | 25 | 23.76   | 0.238 | 23.46   | 0.222 | 23.65   | 0.232 |
| 40              |                         | 100 | 0  | 23.41   | 0.219 | 23.32   | 0.215 | 23.40   | 0.219 |
| 40              | DFT-s-OFDM<br>64QAM     | 1   | 1  | 23.61   | 0.230 | 23.60   | 0.229 | 23.35   | 0.216 |
| 40              |                         | 50  | 25 | 23.71   | 0.235 | 23.42   | 0.220 | 23.72   | 0.236 |
| 40              |                         | 100 | 0  | 23.88   | 0.244 | 23.42   | 0.220 | 23.88   | 0.244 |
| 40              | DFT-s-OFDM<br>256QAM    | 1   | 1  | 23.17   | 0.207 | 22.22   | 0.167 | 23.16   | 0.207 |
| 40              |                         | 50  | 25 | 23.67   | 0.233 | 23.46   | 0.222 | 23.64   | 0.231 |
| 40              |                         | 100 | 0  | 23.86   | 0.243 | 23.63   | 0.231 | 23.60   | 0.229 |





| Channel         |                         |    |    | 501204  |       | 518598  |       | 535998  |       |
|-----------------|-------------------------|----|----|---------|-------|---------|-------|---------|-------|
| Frequency (MHz) |                         |    |    | 2506.02 |       | 2592.99 |       | 2679.99 |       |
|                 |                         |    |    | dBm     | W     | dBm     | W     | dBm     | W     |
| 20              | DFT-s-OFDM<br>PI/2 BPSK | 1  | 1  | 23.76   | 0.238 | 23.41   | 0.219 | 23.62   | 0.230 |
| 20              |                         | 25 | 12 | 23.62   | 0.230 | 23.34   | 0.216 | 23.71   | 0.235 |
| 20              |                         | 50 | 0  | 23.69   | 0.234 | 23.32   | 0.215 | 23.76   | 0.238 |
| 20              | DFT-s-OFDM<br>QPSK      | 1  | 1  | 23.62   | 0.230 | 23.44   | 0.221 | 23.69   | 0.234 |
| 20              |                         | 25 | 12 | 23.72   | 0.236 | 23.43   | 0.220 | 23.59   | 0.229 |
| 20              |                         | 50 | 0  | 23.66   | 0.232 | 23.36   | 0.217 | 23.80   | 0.240 |
| 20              | DFT-s-OFDM<br>16QAM     | 1  | 1  | 23.41   | 0.219 | 23.57   | 0.228 | 23.49   | 0.223 |
| 20              |                         | 25 | 12 | 23.58   | 0.228 | 23.37   | 0.217 | 23.65   | 0.232 |
| 20              |                         | 50 | 0  | 23.53   | 0.225 | 23.01   | 0.200 | 23.30   | 0.214 |
| 20              | DFT-s-OFDM<br>64QAM     | 1  | 1  | 23.72   | 0.236 | 23.72   | 0.236 | 23.76   | 0.238 |
| 20              |                         | 25 | 12 | 23.75   | 0.237 | 23.27   | 0.212 | 23.67   | 0.233 |
| 20              |                         | 50 | 0  | 23.67   | 0.233 | 23.07   | 0.203 | 23.94   | 0.248 |
| 20              | DFT-s-OFDM<br>256QAM    | 1  | 1  | 23.52   | 0.225 | 23.31   | 0.214 | 23.77   | 0.238 |
| 20              |                         | 25 | 12 | 23.57   | 0.228 | 23.41   | 0.219 | 23.64   | 0.231 |
| 20              |                         | 50 | 0  | 23.40   | 0.219 | 23.51   | 0.224 | 23.76   | 0.238 |



| EN-DC_66A-N41   |                |         |           | Measured EIRP |       |                |       |              |       |
|-----------------|----------------|---------|-----------|---------------|-------|----------------|-------|--------------|-------|
| BW [MHz]        | Modulation     | RB Size | RB Offset | Low Channel   |       | Middle Channel |       | High Channel |       |
| Channel         |                |         |           | 509202        |       | 518598         |       | 528000       |       |
| Frequency (MHz) |                |         |           | 2546.01       |       | 2592.99        |       | 2640         |       |
|                 |                |         |           | dBm           | W     | dBm            | W     | dBm          | W     |
| 100             | CP-OFDM QPSK   | 1       | 1         | 23.38         | 0.218 | 23.41          | 0.219 | 22.28        | 0.169 |
| 100             |                | 135     | 67        | 23.10         | 0.204 | 23.08          | 0.203 | 22.90        | 0.195 |
| 100             |                | 270     | 0         | 22.26         | 0.168 | 22.80          | 0.191 | 23.30        | 0.214 |
| 100             | CP-OFDM 16QAM  | 1       | 1         | 23.04         | 0.201 | 23.11          | 0.205 | 22.58        | 0.181 |
| 100             |                | 135     | 67        | 23.03         | 0.201 | 23.11          | 0.205 | 22.93        | 0.196 |
| 100             |                | 270     | 0         | 22.20         | 0.166 | 22.88          | 0.194 | 22.35        | 0.172 |
| 100             | CP-OFDM 64QAM  | 1       | 1         | 23.41         | 0.219 | 22.74          | 0.188 | 22.67        | 0.185 |
| 100             |                | 135     | 67        | 23.04         | 0.201 | 23.09          | 0.204 | 22.89        | 0.195 |
| 100             |                | 270     | 0         | 22.71         | 0.187 | 22.72          | 0.187 | 23.17        | 0.207 |
| 100             | CP-OFDM 256QAM | 1       | 1         | 21.90         | 0.155 | 20.85          | 0.122 | 21.62        | 0.145 |
| 100             |                | 135     | 67        | 21.63         | 0.146 | 21.53          | 0.142 | 21.49        | 0.141 |
| 100             |                | 270     | 0         | 21.26         | 0.134 | 21.44          | 0.139 | 21.76        | 0.150 |
| Channel         |                |         |           | 507204        |       | 518598         |       | 529998       |       |
| Frequency (MHz) |                |         |           | 2536.02       |       | 2592.99        |       | 2649.99      |       |
|                 |                |         |           | dBm           | W     | dBm            | W     | dBm          | W     |
| 80              | CP-OFDM QPSK   | 1       | 1         | 23.17         | 0.207 | 23.25          | 0.211 | 22.71        | 0.187 |
| 80              |                | 108     | 54        | 23.26         | 0.212 | 23.10          | 0.204 | 23.03        | 0.201 |
| 80              |                | 216     | 0         | 22.85         | 0.193 | 22.83          | 0.192 | 23.26        | 0.212 |
| 80              | CP-OFDM 16QAM  | 1       | 1         | 23.19         | 0.208 | 23.10          | 0.204 | 22.83        | 0.192 |
| 80              |                | 108     | 54        | 23.31         | 0.214 | 23.01          | 0.200 | 22.04        | 0.160 |
| 80              |                | 216     | 0         | 22.70         | 0.186 | 22.68          | 0.185 | 23.24        | 0.211 |
| 80              | CP-OFDM 64QAM  | 1       | 1         | 23.20         | 0.209 | 22.85          | 0.193 | 22.72        | 0.187 |
| 80              |                | 108     | 54        | 23.20         | 0.209 | 23.00          | 0.200 | 23.04        | 0.201 |
| 80              |                | 216     | 0         | 22.57         | 0.181 | 22.58          | 0.181 | 23.08        | 0.203 |
| 80              | CP-OFDM 256QAM | 1       | 1         | 22.08         | 0.161 | 20.94          | 0.124 | 21.38        | 0.137 |
| 80              |                | 108     | 54        | 21.79         | 0.151 | 21.56          | 0.143 | 21.59        | 0.144 |
| 80              |                | 216     | 0         | 22.07         | 0.161 | 21.64          | 0.146 | 21.68        | 0.147 |
| Channel         |                |         |           | 505200        |       | 518598         |       | 531996       |       |
| Frequency (MHz) |                |         |           | 2526          |       | 2592.99        |       | 2559.98      |       |
|                 |                |         |           | dBm           | W     | dBm            | W     | dBm          | W     |
| 60              | CP-OFDM        | 1       | 1         | 23.52         | 0.225 | 22.39          | 0.173 | 23.10        | 0.204 |



|                 |                   |     |    |         |       |         |       |         |       |
|-----------------|-------------------|-----|----|---------|-------|---------|-------|---------|-------|
| 60              | QPSK              | 81  | 40 | 23.69   | 0.234 | 23.17   | 0.207 | 23.30   | 0.214 |
| 60              |                   | 162 | 0  | 23.50   | 0.224 | 23.01   | 0.200 | 23.33   | 0.215 |
| 60              | CP-OFDM<br>16QAM  | 1   | 1  | 23.42   | 0.220 | 23.01   | 0.200 | 22.17   | 0.165 |
| 60              |                   | 81  | 40 | 23.50   | 0.224 | 23.22   | 0.210 | 23.32   | 0.215 |
| 60              |                   | 162 | 0  | 23.01   | 0.200 | 23.59   | 0.229 | 23.20   | 0.209 |
| 60              | CP-OFDM<br>64QAM  | 1   | 1  | 23.32   | 0.215 | 23.51   | 0.224 | 22.96   | 0.198 |
| 60              |                   | 81  | 40 | 23.55   | 0.226 | 23.23   | 0.210 | 23.31   | 0.214 |
| 60              |                   | 162 | 0  | 23.56   | 0.227 | 23.14   | 0.206 | 23.06   | 0.202 |
| 60              | CP-OFDM<br>256QAM | 1   | 1  | 22.26   | 0.168 | 21.42   | 0.139 | 21.24   | 0.133 |
| 60              |                   | 81  | 40 | 22.26   | 0.168 | 21.78   | 0.151 | 21.89   | 0.155 |
| 60              |                   | 162 | 0  | 21.86   | 0.153 | 21.88   | 0.154 | 22.04   | 0.160 |
| Channel         |                   |     |    | 503202  |       | 518598  |       | 534000  |       |
| Frequency (MHz) |                   |     |    | 2516.01 |       | 2592.99 |       | 2670    |       |
|                 |                   |     |    | dBm     | W     | dBm     | W     | dBm     | W     |
| 40              | CP-OFDM<br>QPSK   | 1   | 1  | 23.60   | 0.229 | 23.35   | 0.216 | 23.39   | 0.218 |
| 40              |                   | 50  | 25 | 23.56   | 0.227 | 23.35   | 0.216 | 23.59   | 0.229 |
| 40              |                   | 100 | 0  | 23.45   | 0.221 | 23.19   | 0.208 | 23.80   | 0.240 |
| 40              | CP-OFDM<br>16QAM  | 1   | 1  | 23.36   | 0.217 | 23.30   | 0.214 | 23.16   | 0.207 |
| 40              |                   | 50  | 25 | 23.62   | 0.230 | 23.37   | 0.217 | 23.59   | 0.229 |
| 40              |                   | 100 | 0  | 23.38   | 0.218 | 23.25   | 0.211 | 23.36   | 0.217 |
| 40              | CP-OFDM<br>64QAM  | 1   | 1  | 23.36   | 0.217 | 22.89   | 0.195 | 23.28   | 0.213 |
| 40              |                   | 50  | 25 | 23.63   | 0.231 | 23.37   | 0.217 | 23.62   | 0.230 |
| 40              |                   | 100 | 0  | 23.55   | 0.226 | 23.38   | 0.218 | 23.10   | 0.204 |
| 40              | CP-OFDM<br>256QAM | 1   | 1  | 21.30   | 0.135 | 20.71   | 0.118 | 21.98   | 0.158 |
| 40              |                   | 50  | 25 | 22.23   | 0.167 | 21.62   | 0.145 | 22.17   | 0.165 |
| 40              |                   | 100 | 0  | 22.40   | 0.174 | 22.07   | 0.161 | 22.57   | 0.181 |
| Channel         |                   |     |    | 501204  |       | 518598  |       | 535998  |       |
| Frequency (MHz) |                   |     |    | 2506.02 |       | 2592.99 |       | 2679.99 |       |
|                 |                   |     |    | dBm     | W     | dBm     | W     | dBm     | W     |
| 20              | CP-OFDM<br>QPSK   | 1   | 1  | 23.54   | 0.226 | 23.40   | 0.219 | 23.64   | 0.231 |
| 20              |                   | 25  | 12 | 23.63   | 0.231 | 23.30   | 0.214 | 23.57   | 0.228 |
| 20              |                   | 50  | 0  | 23.58   | 0.228 | 23.22   | 0.210 | 23.79   | 0.239 |
| 20              | CP-OFDM<br>16QAM  | 1   | 1  | 23.40   | 0.219 | 23.15   | 0.207 | 23.45   | 0.221 |
| 20              |                   | 25  | 12 | 23.05   | 0.202 | 23.28   | 0.213 | 23.56   | 0.227 |
| 20              |                   | 50  | 0  | 23.46   | 0.222 | 23.00   | 0.200 | 23.23   | 0.210 |
| 20              | CP-OFDM<br>64QAM  | 1   | 1  | 23.09   | 0.204 | 23.35   | 0.216 | 23.67   | 0.233 |
| 20              |                   | 25  | 12 | 23.42   | 0.220 | 23.16   | 0.207 | 23.44   | 0.221 |
| 20              |                   | 50  | 0  | 23.59   | 0.229 | 23.01   | 0.200 | 23.83   | 0.242 |



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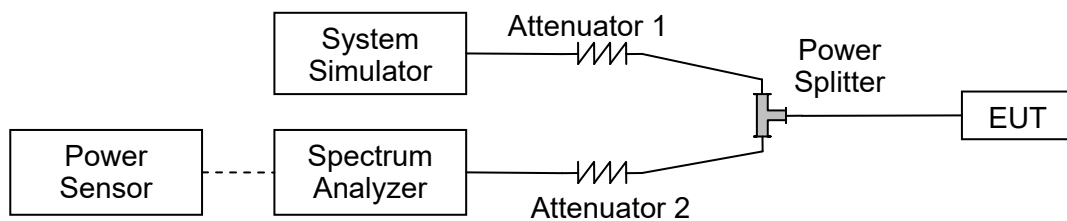
|    |                   |    |    |       |       |       |       |       |       |
|----|-------------------|----|----|-------|-------|-------|-------|-------|-------|
| 20 | CP-OFDM<br>256QAM | 1  | 1  | 22.15 | 0.164 | 22.13 | 0.163 | 21.97 | 0.157 |
| 20 |                   | 25 | 12 | 21.88 | 0.154 | 21.80 | 0.151 | 22.68 | 0.185 |
| 20 |                   | 50 | 0  | 22.36 | 0.172 | 21.80 | 0.151 | 22.33 | 0.171 |

## 2.2. Occupied Bandwidth

### 2.2.1. Requirement

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

### 2.2.2. Test Description



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

### 2.2.3. Test procedure

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



2.2.4. Test Result

| DC 2A_N41 |              |            |           |             |              |
|-----------|--------------|------------|-----------|-------------|--------------|
| BW(MHz)   | ChannelLevel | Modulation |           | 99% BW(MHz) | 26dB BW(MHz) |
| 100       | Low          | DFT-s-OFDM | PI/2 BPSK | 97.84       | 103.70       |
|           | Low          |            | QPSK      | 96.80       | 101.23       |
|           | Low          |            | 16QAM     | 97.13       | 101.48       |
|           | Low          |            | 64QAM     | 96.76       | 101.67       |
|           | Low          |            | 256QAM    | 96.87       | 101.47       |
|           | Low          | CP-OFDM    | QPSK      | 97.63       | 102.00       |
|           | Mid          | DFT-s-OFDM | PI/2 BPSK | 96.93       | 101.66       |
|           | Mid          |            | QPSK      | 98.02       | 101.63       |
|           | Mid          |            | 16QAM     | 97.05       | 101.41       |
|           | Mid          |            | 64QAM     | 97.18       | 101.51       |
|           | Mid          |            | 256QAM    | 97.18       | 101.59       |
|           | Mid          | CP-OFDM    | QPSK      | 98.23       | 105.42       |
|           | High         | DFT-s-OFDM | PI/2 BPSK | 98.35       | 102.07       |
|           | High         |            | QPSK      | 98.26       | 101.68       |
|           | High         |            | 16QAM     | 97.05       | 101.69       |
|           | High         |            | 64QAM     | 96.30       | 103.96       |
|           | High         |            | 256QAM    | 97.21       | 101.60       |
|           | High         | CP-OFDM    | QPSK      | 98.02       | 102.43       |
| 80        | Low          | DFT-s-OFDM | PI/2 BPSK | 77.53       | 80.72        |
|           | Low          |            | QPSK      | 77.38       | 80.66        |
|           | Low          |            | 16QAM     | 78.59       | 81.74        |
|           | Low          |            | 64QAM     | 78.57       | 81.63        |
|           | Low          |            | 256QAM    | 77.06       | 84.73        |
|           | Low          | CP-OFDM    | QPSK      | 78.90       | 81.76        |
|           | Mid          | DFT-s-OFDM | PI/2 BPSK | 78.93       | 81.58        |
|           | Mid          |            | QPSK      | 77.64       | 81.05        |
|           | Mid          |            | 16QAM     | 77.51       | 80.54        |
|           | Mid          |            | 64QAM     | 77.84       | 84.30        |
|           | Mid          |            | 256QAM    | 78.54       | 81.84        |
|           | Mid          | CP-OFDM    | QPSK      | 78.17       | 84.73        |
|           | High         | DFT-s-OFDM | PI/2 BPSK | 77.63       | 84.47        |
|           | High         |            | QPSK      | 78.65       | 80.79        |
|           | High         |            | 16QAM     | 78.42       | 81.14        |
| High      |              |            |           |             |              |



|     |            |            |            |            |           |       |       |
|-----|------------|------------|------------|------------|-----------|-------|-------|
|     | High       | CP-OFDM    | 64QAM      | 78.47      | 81.17     |       |       |
|     | High       |            | 256QAM     | 77.53      | 80.84     |       |       |
|     | High       |            | QPSK       | 78.21      | 81.37     |       |       |
| 60  | Low        | DFT-s-OFDM | PI/2 BPSK  | 58.44      | 64.78     |       |       |
|     | Low        |            | QPSK       | 58.45      | 61.97     |       |       |
|     | Low        |            | 16QAM      | 59.06      | 61.38     |       |       |
|     | Low        |            | 64QAM      | 58.37      | 64.44     |       |       |
|     | Low        |            | 256QAM     | 58.31      | 60.74     |       |       |
|     | Low        | CP-OFDM    | QPSK       | 58.18      | 61.05     |       |       |
|     | Mid        | DFT-s-OFDM | PI/2 BPSK  | 58.68      | 61.23     |       |       |
|     | Mid        |            | QPSK       | 58.62      | 61.46     |       |       |
|     | Mid        |            | 16QAM      | 58.68      | 61.76     |       |       |
|     | Mid        |            | 64QAM      | 59.02      | 61.24     |       |       |
|     | Mid        |            | 256QAM     | 59.15      | 61.35     |       |       |
|     | Mid        | CP-OFDM    | QPSK       | 58.19      | 60.60     |       |       |
|     | 60         | High       | DFT-s-OFDM | PI/2 BPSK  | 58.49     | 61.60 |       |
|     |            | High       |            | QPSK       | 58.11     | 60.44 |       |
|     |            | High       |            | 16QAM      | 58.44     | 61.18 |       |
|     |            | High       |            | 64QAM      | 58.54     | 60.63 |       |
|     |            | High       |            | 256QAM     | 58.98     | 61.13 |       |
|     |            | High       | CP-OFDM    | QPSK       | 58.41     | 61.74 |       |
|     |            | 40         | Low        | DFT-s-OFDM | PI/2 BPSK | 36.19 | 40.17 |
|     |            |            | Low        |            | QPSK      | 36.27 | 40.90 |
| Low |            |            | 16QAM      |            | 36.41     | 43.53 |       |
| Low |            |            | 64QAM      |            | 36.45     | 40.37 |       |
| Low | 256QAM     |            | 36.11      |            | 38.44     |       |       |
| Low | CP-OFDM    |            | QPSK       | 38.53      | 41.40     |       |       |
| Mid | DFT-s-OFDM |            | PI/2 BPSK  | 36.42      | 39.36     |       |       |
| Mid |            |            | QPSK       | 36.67      | 39.27     |       |       |
| Mid |            |            | 16QAM      | 36.10      | 43.66     |       |       |
| Mid |            |            | 64QAM      | 36.75      | 38.83     |       |       |
| Mid |            |            | 256QAM     | 36.48      | 38.96     |       |       |
| Mid | CP-OFDM    |            | QPSK       | 38.77      | 41.51     |       |       |
| 40  | High       |            | DFT-s-OFDM | PI/2 BPSK  | 36.39     | 39.44 |       |
|     | High       |            |            | QPSK       | 36.5      | 38.48 |       |
|     | High       |            |            | 16QAM      | 36.62     | 40.31 |       |
|     | High       | 64QAM      |            | 36.36      | 39.29     |       |       |
|     | High       | 256QAM     |            | 36.66      | 39.84     |       |       |

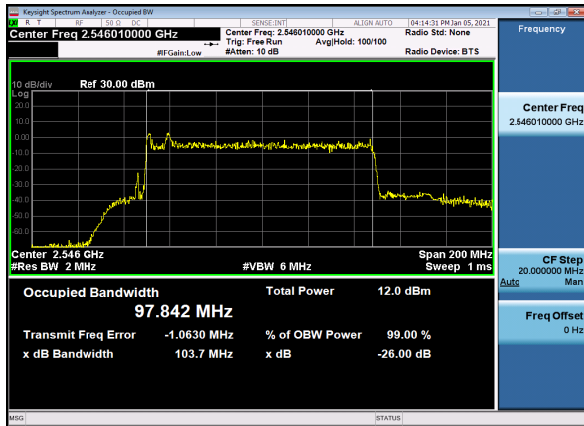


|    |      |            |           |       |       |
|----|------|------------|-----------|-------|-------|
|    | High | CP-OFDM    | QPSK      | 38.47 | 41.56 |
| 20 | Low  | DFT-s-OFDM | PI/2 BPSK | 18.02 | 18.84 |
|    | Low  |            | QPSK      | 18.14 | 19.44 |
|    | Low  |            | 16QAM     | 18.12 | 19.41 |
|    | Low  |            | 64QAM     | 17.83 | 19.00 |
|    | Low  |            | 256QAM    | 18.00 | 18.85 |
|    | Low  | CP-OFDM    | QPSK      | 18.34 | 19.32 |
|    | Mid  | DFT-s-OFDM | PI/2 BPSK | 17.87 | 19.11 |
|    | Mid  |            | QPSK      | 17.91 | 19.13 |
|    | Mid  |            | 16QAM     | 17.91 | 19.04 |
|    | Mid  |            | 64QAM     | 17.93 | 19.09 |
|    | Mid  |            | 256QAM    | 17.89 | 19.06 |
|    | Mid  | CP-OFDM    | QPSK      | 18.30 | 19.68 |
|    | High | DFT-s-OFDM | PI/2 BPSK | 17.99 | 18.81 |
|    | High |            | QPSK      | 18.09 | 18.98 |
|    | High |            | 16QAM     | 17.98 | 19.26 |
|    | High |            | 64QAM     | 18.02 | 19.30 |
|    | High |            | 256QAM    | 17.93 | 19.33 |
|    | High | CP-OFDM    | QPSK      | 18.35 | 19.29 |

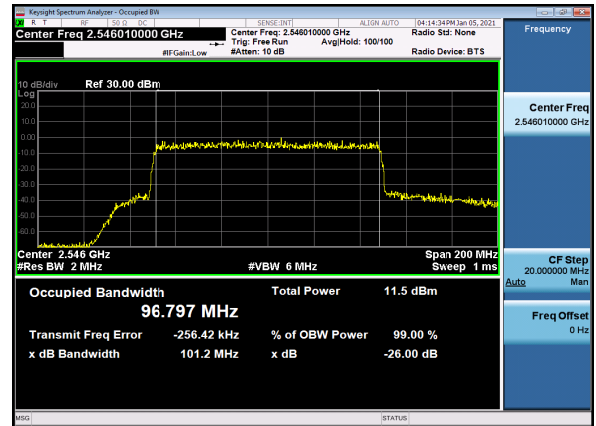




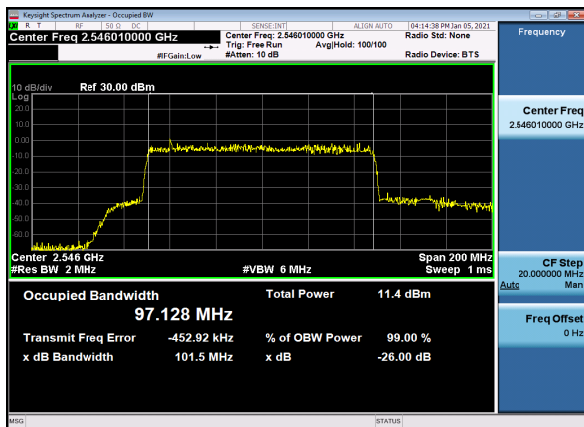
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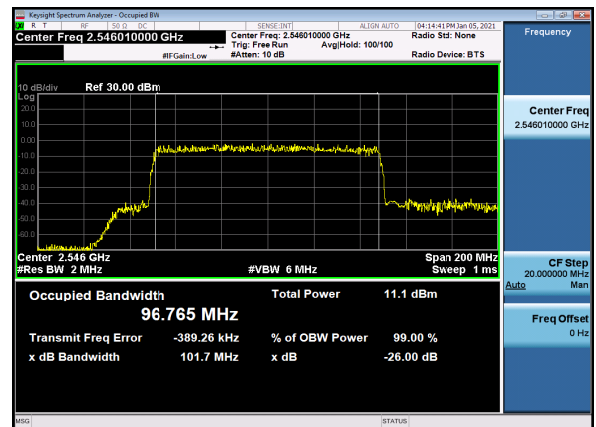
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\_Full\_Low CH



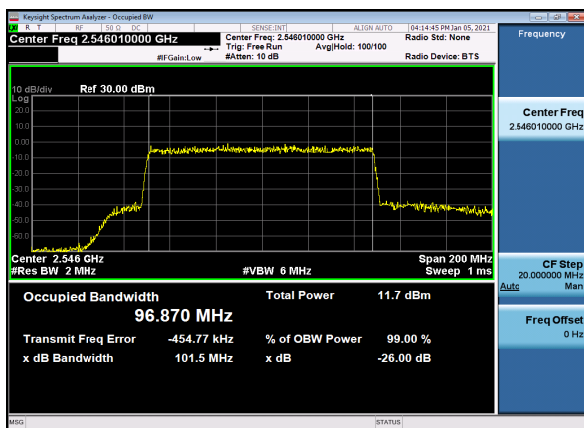
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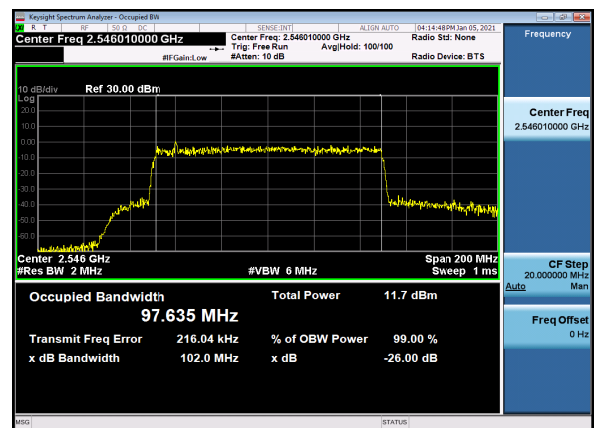
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QAM\_Outer\_Full\_Low CH



B2\_N41(100M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_Low CH

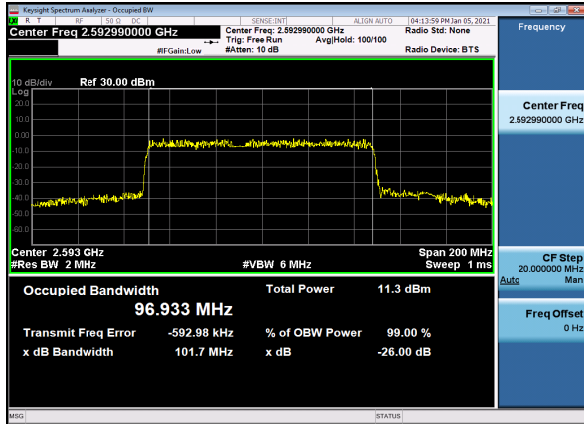


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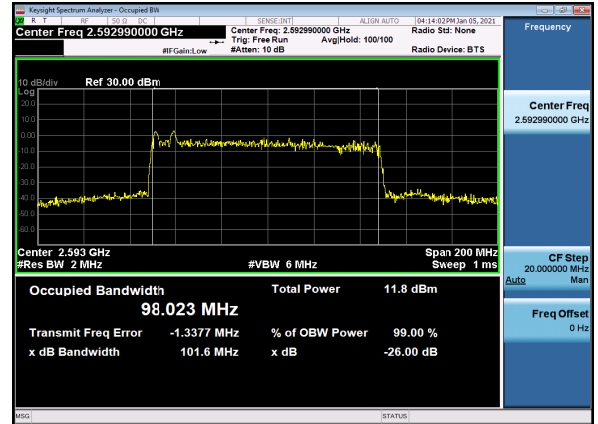




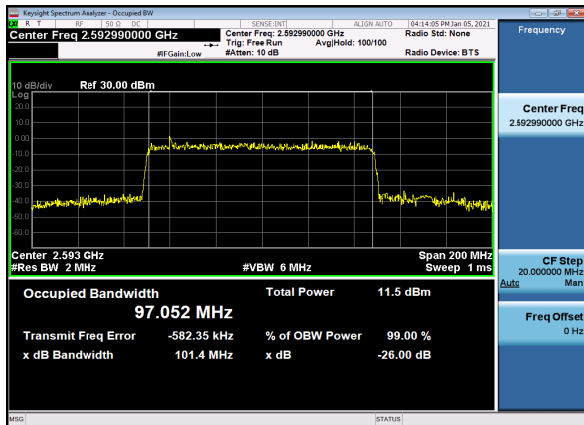
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\_Full\_Mid CH



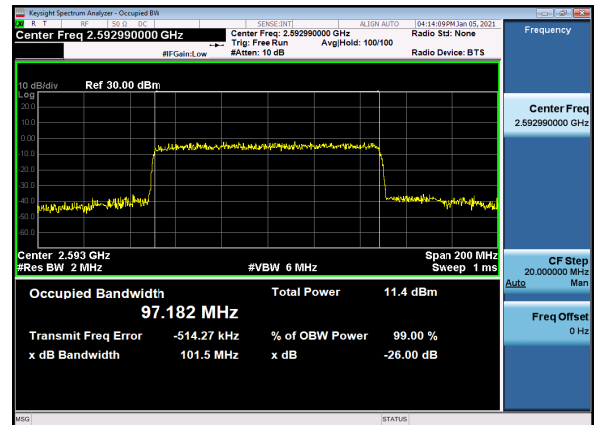
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\_Full\_Mid CH



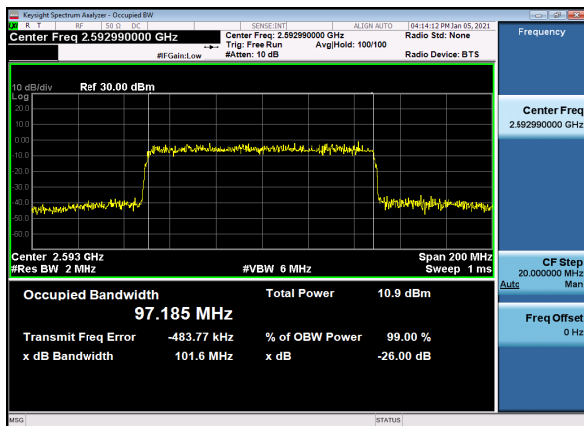
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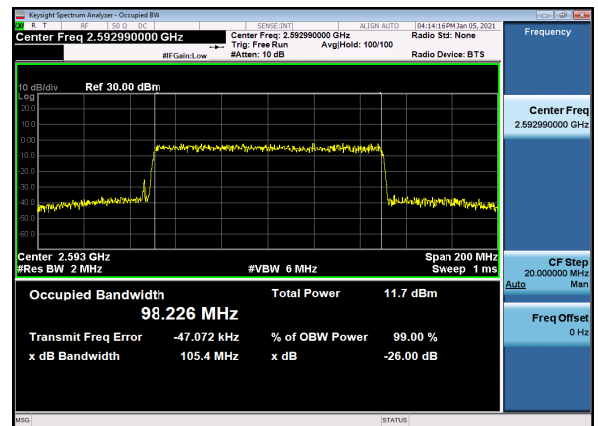
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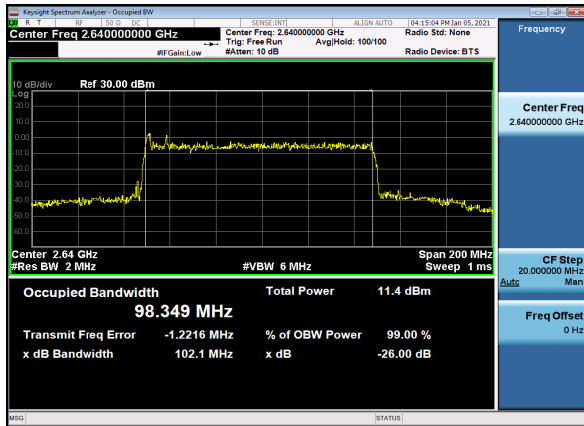


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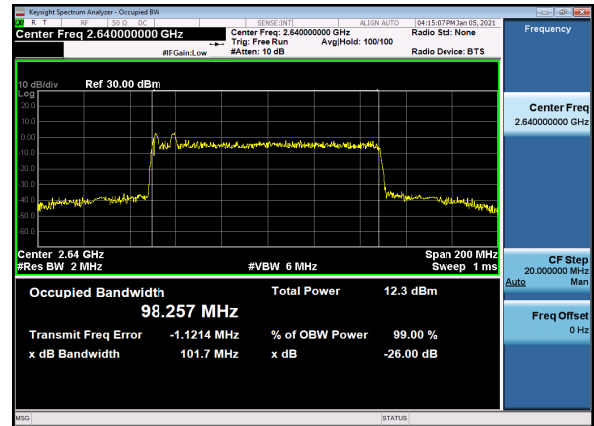




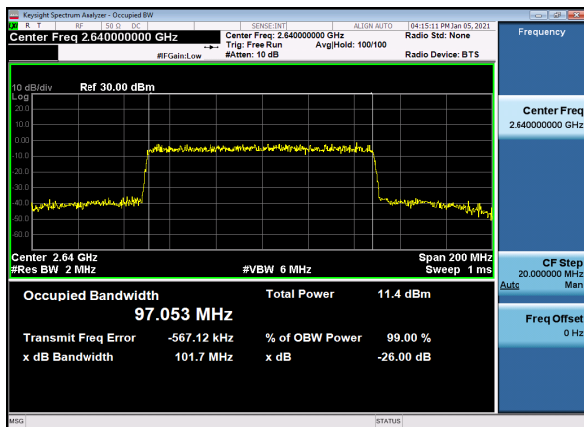
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\_Full\_High CH



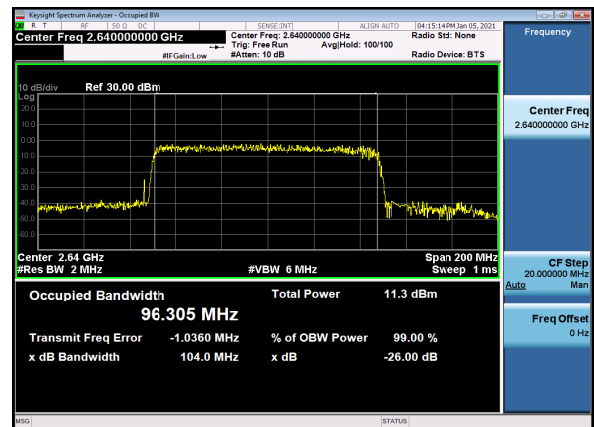
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\_Full\_High CH



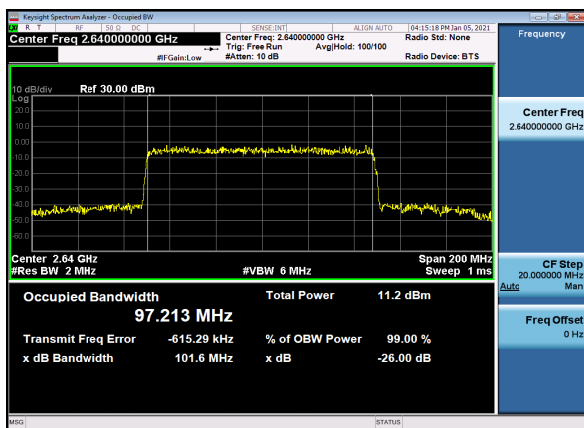
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QAM\_Outer\_Full\_High CH



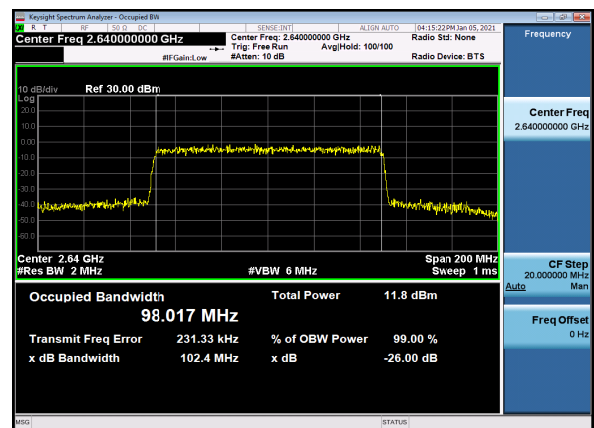
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B2\_N41(100M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_High CH

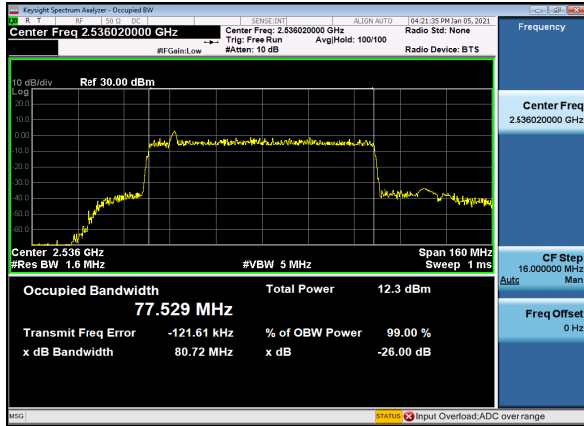


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ll\_High CH

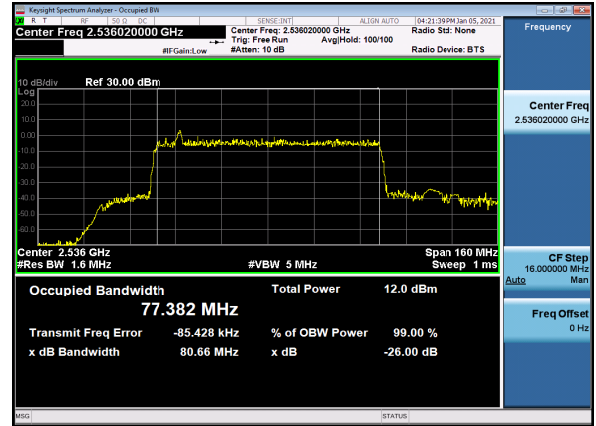




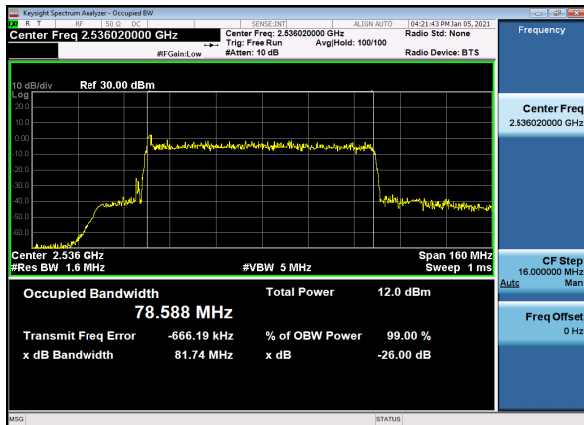
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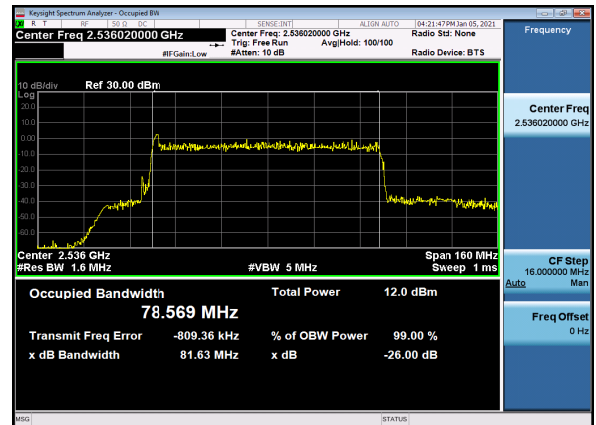
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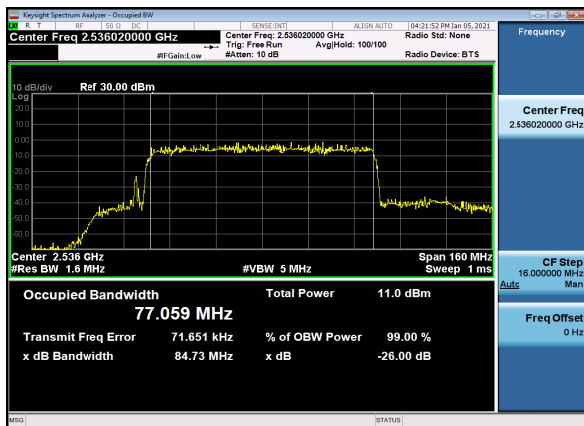
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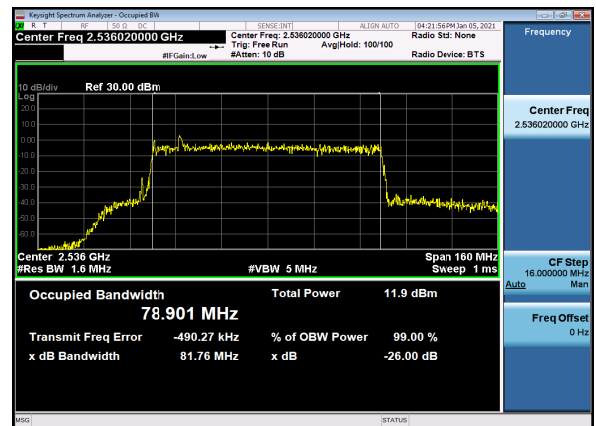
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B2\_N41(80M)\_DFT-s-OFDM\_256\_QAM\_Outer\_Full\_Low CH

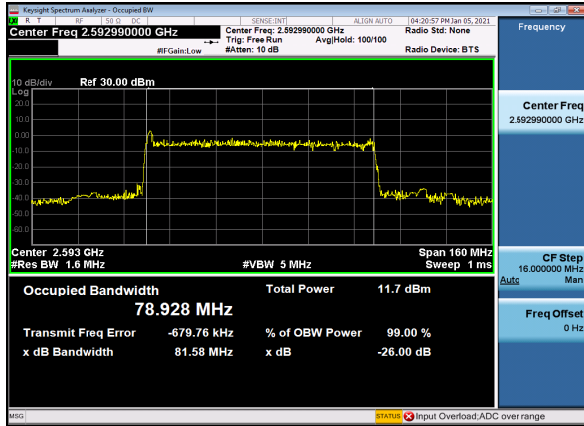


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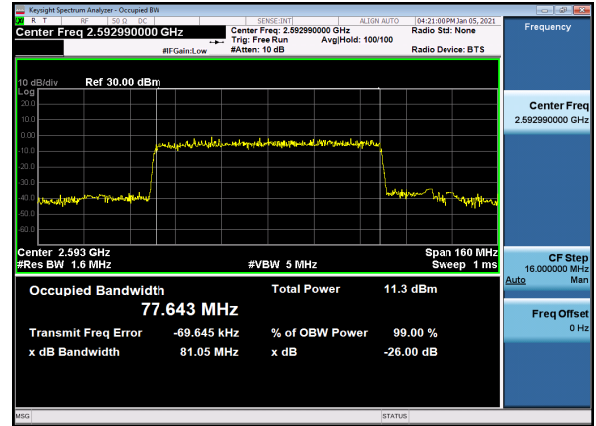




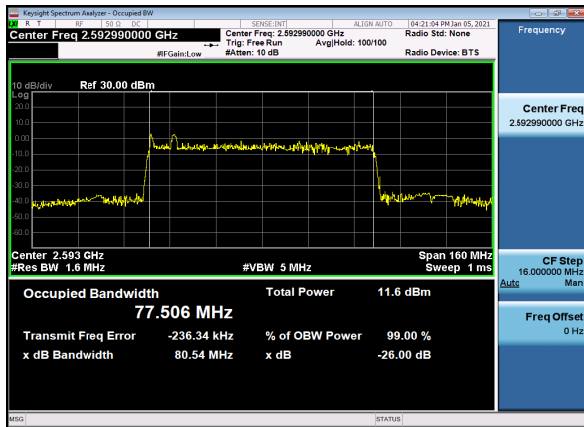
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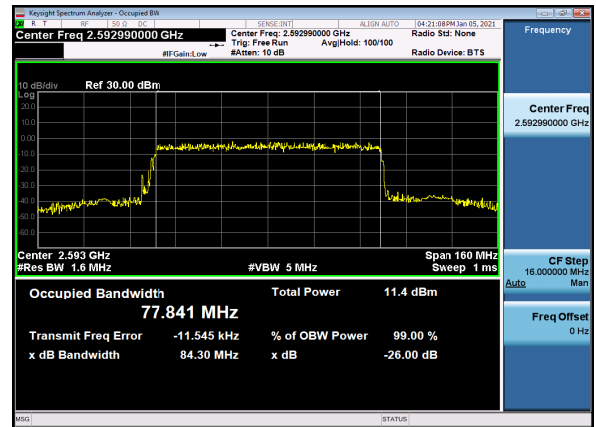
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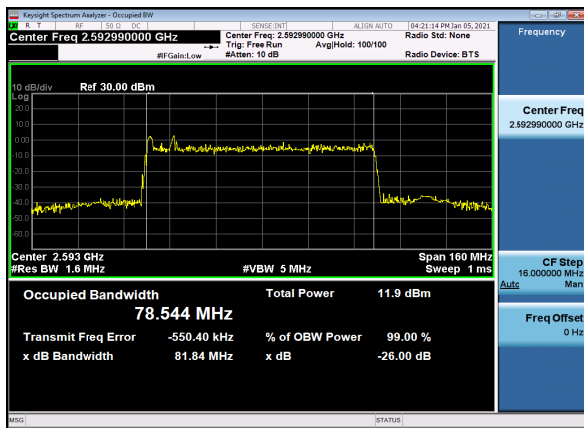
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QAM\_Outer\_Full\_Mid CH



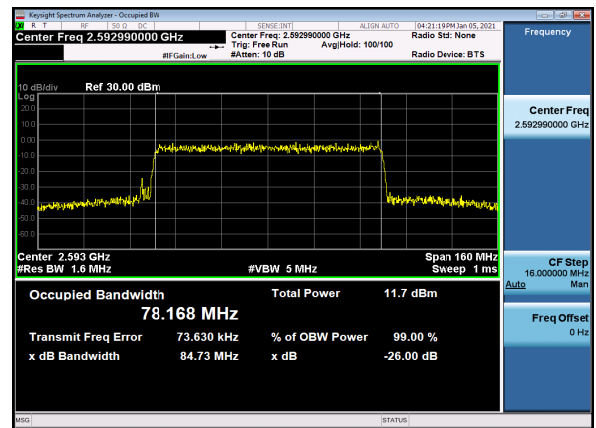
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QAM\_Outer\_Full\_Mid CH



B2\_N41(80M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_Mid CH



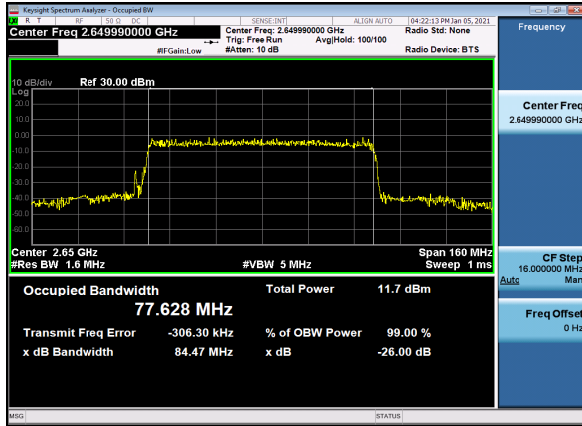
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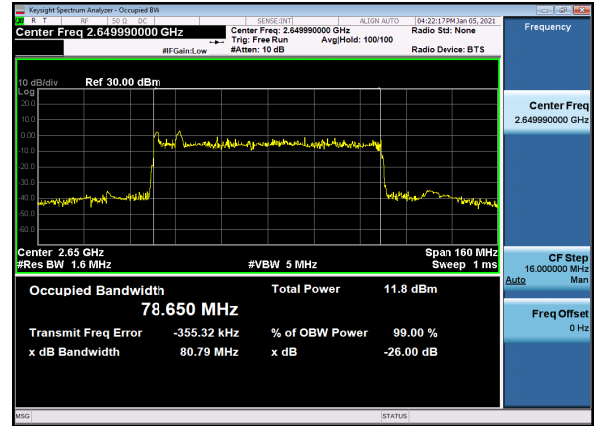




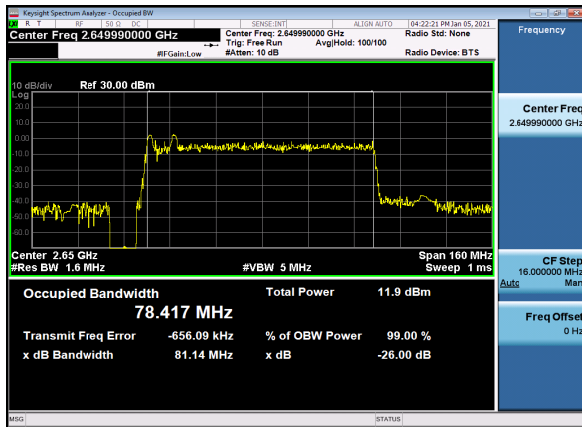
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Full\_High CH



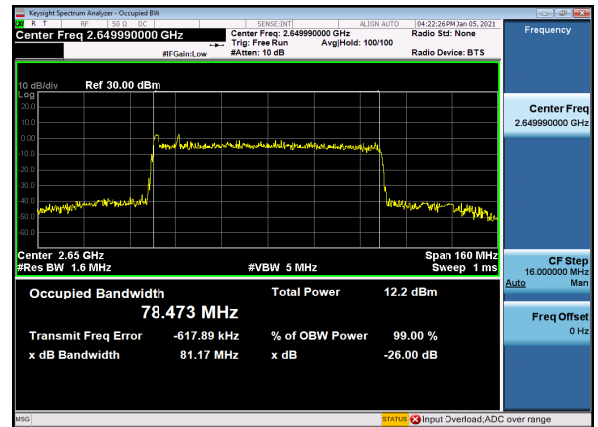
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High CH



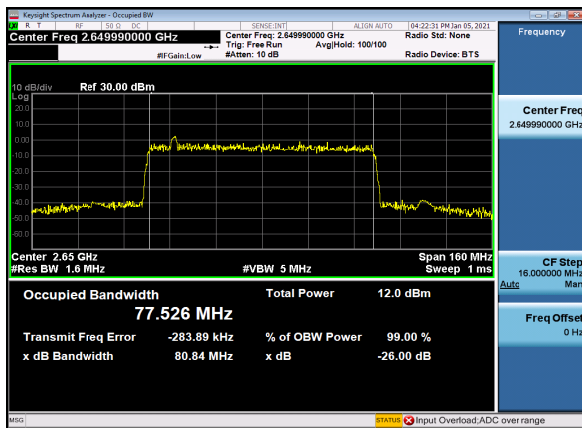
B2\_N41(80M)\_DFT-s-OFDM\_16  
QAM\_Outer\_Full\_High CH



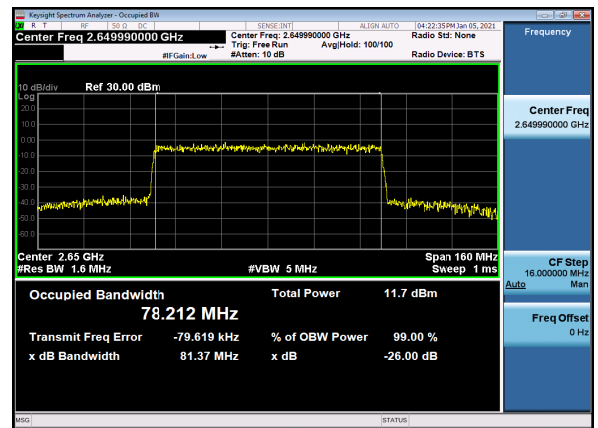
B2\_N41(80M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_High CH



B2\_N41(80M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_High CH

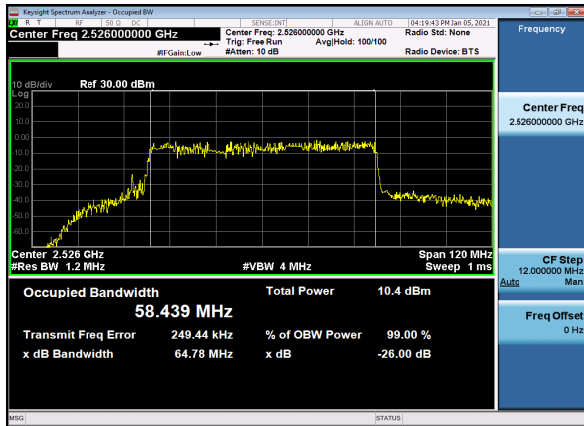


B2\_N41(80M)\_CP-OFDM\_QPSK\_Outer\_Full  
\_High CH

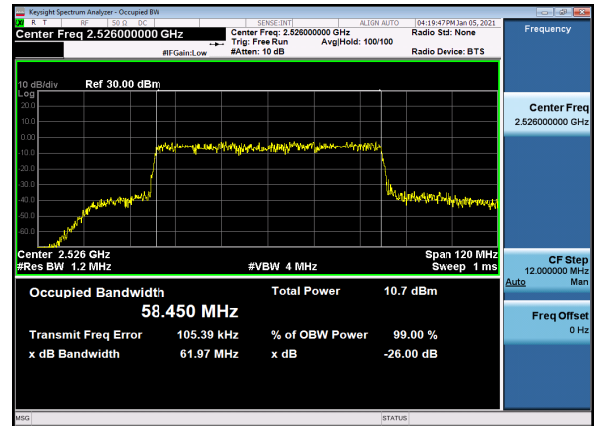




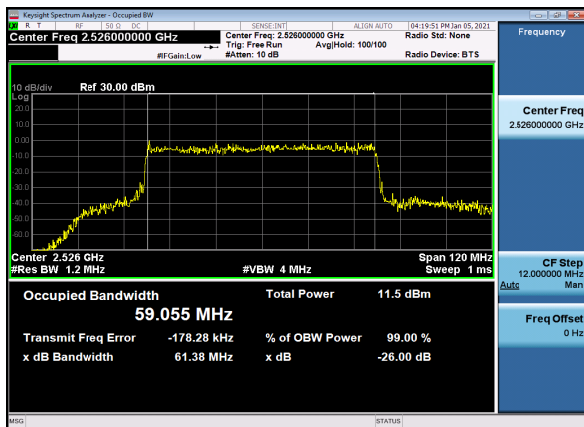
B2\_N41(60M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low CH



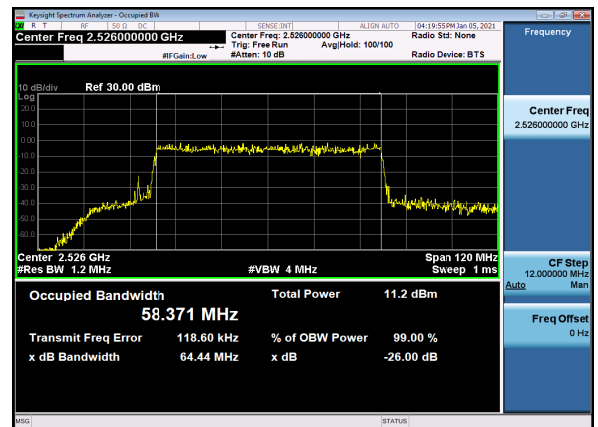
B2\_N41(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low CH



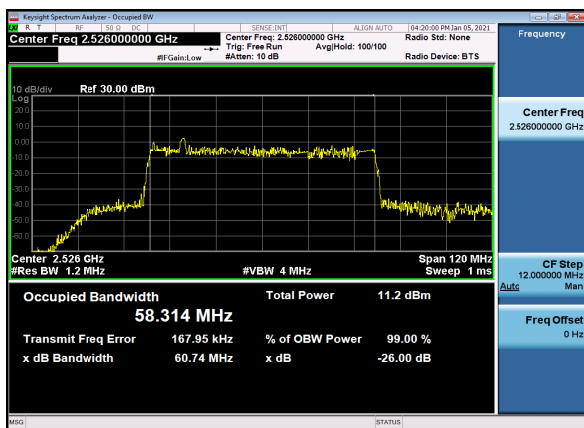
B2\_N41(60M)\_DFT-s-OFDM\_16\_QAM\_Outer\_Full\_Low CH



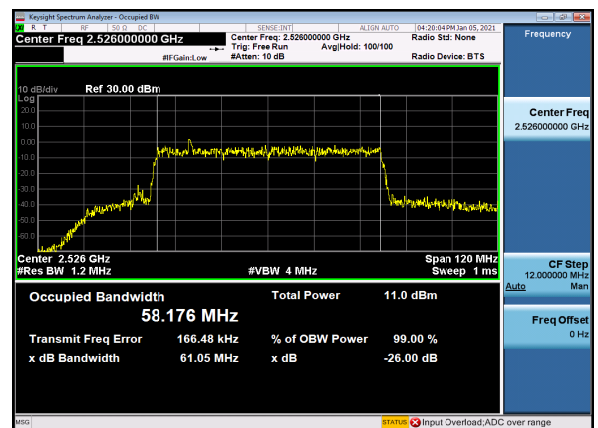
B2\_N41(60M)\_DFT-s-OFDM\_64\_QAM\_Outer\_Full\_Low CH



B2\_N41(60M)\_DFT-s-OFDM\_256\_QAM\_Outer\_Full\_Low CH

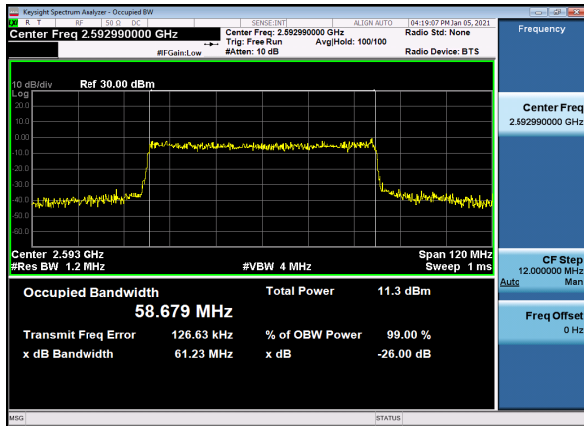


B2\_N41(60M)\_CP-OFDM\_QPSK\_Outer\_Full\_Low CH

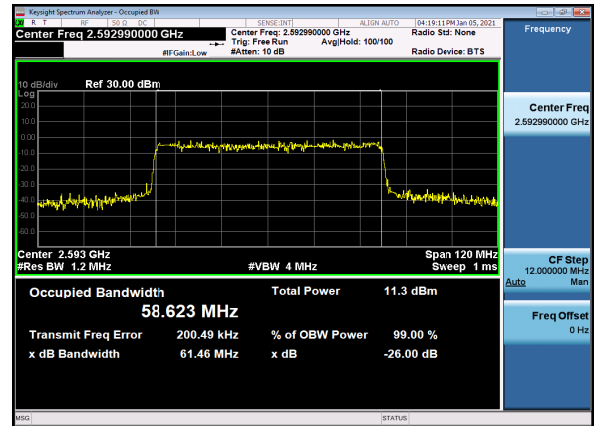




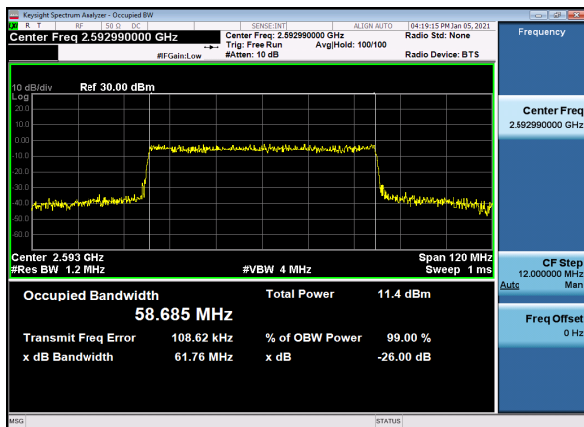
B2\_N41(60M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer  
Full\_Mid CH



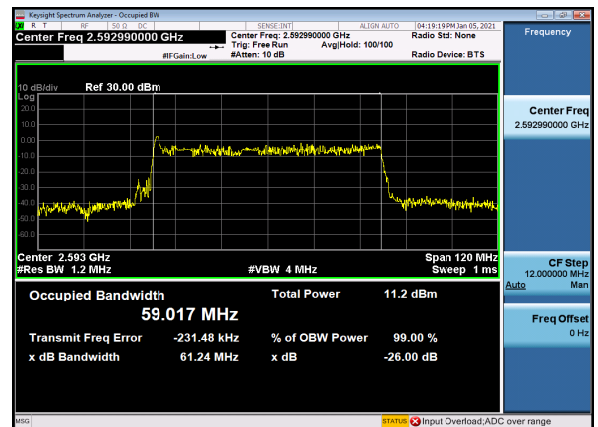
B2\_N41(60M)\_DFT-s-OFDM\_QPSK\_Outer  
Full\_Mid CH



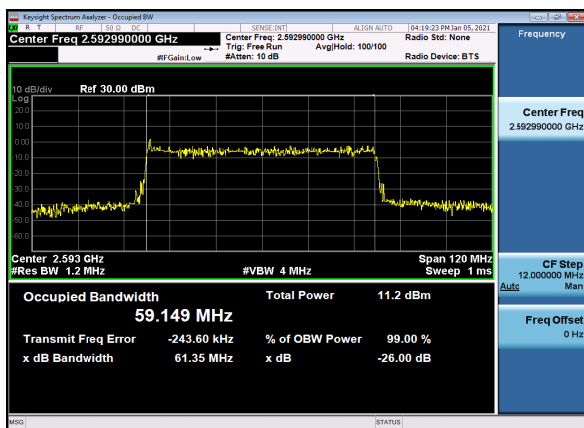
B2\_N41(60M)\_DFT-s-OFDM\_16  
QAM\_Outer\_Full\_Mid CH



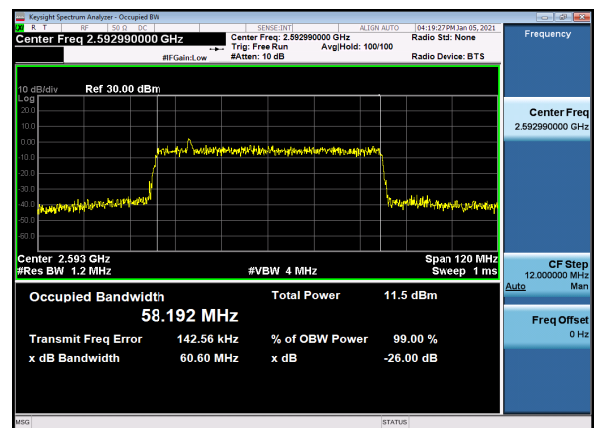
B2\_N41(60M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_Mid CH



B2\_N41(60M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_Mid CH



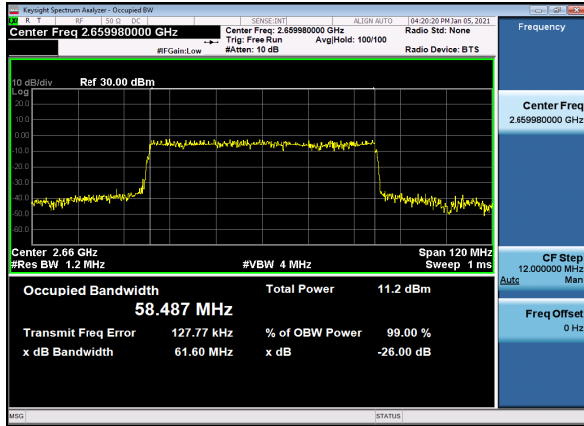
B2\_N41(60M)\_CP-OFDM\_QPSK\_Outer\_Full  
\_Mid CH



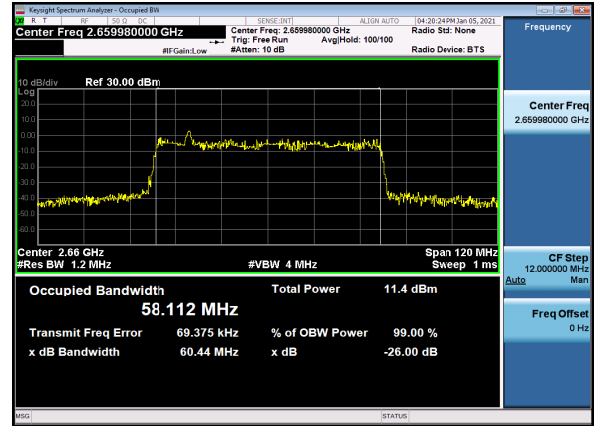




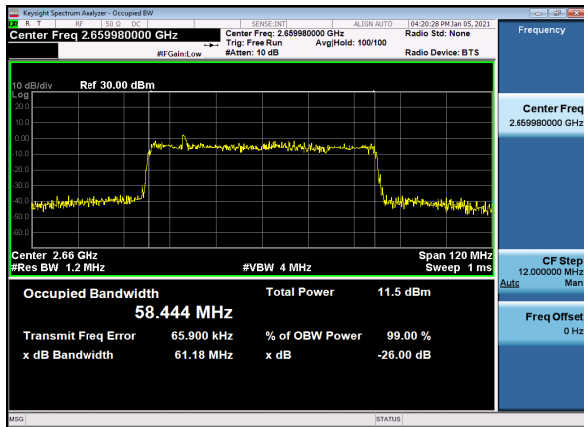
B2\_N41(60M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_High CH



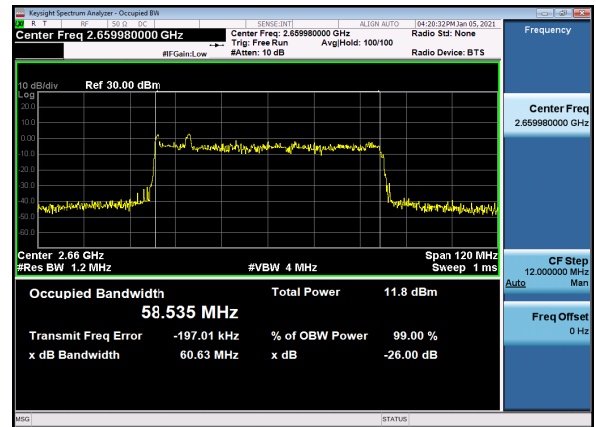
B2\_N41(60M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_High CH



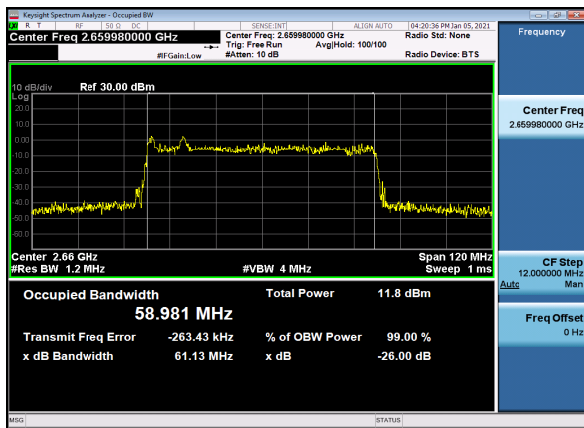
B2\_N41(60M)\_DFT-s-OFDM\_16\_QAM\_Outer\_Full\_High CH



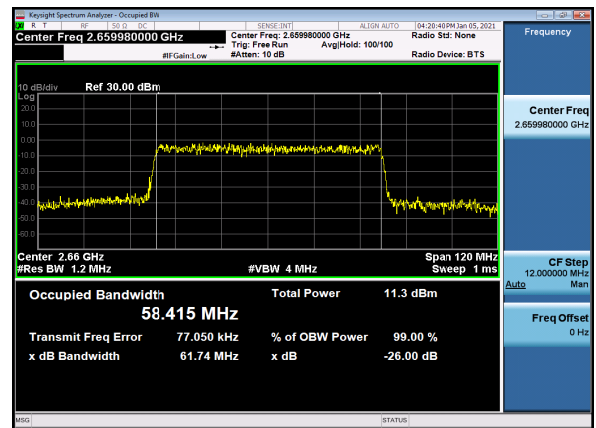
B2\_N41(60M)\_DFT-s-OFDM\_64\_QAM\_Outer\_Full\_High CH



B2\_N41(60M)\_DFT-s-OFDM\_256\_QAM\_Outer\_Full\_High CH

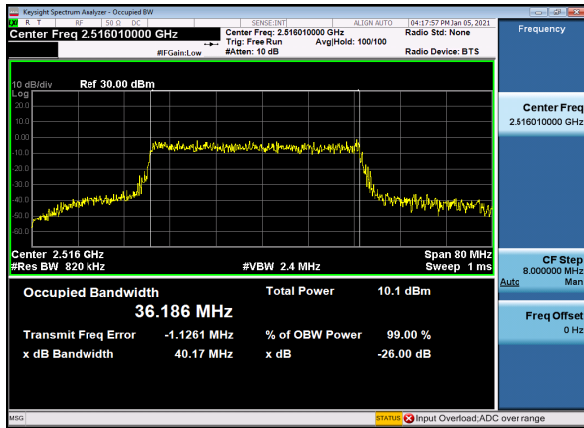


B2\_N41(60M)\_CP-OFDM\_QPSK\_Outer\_Full\_High CH

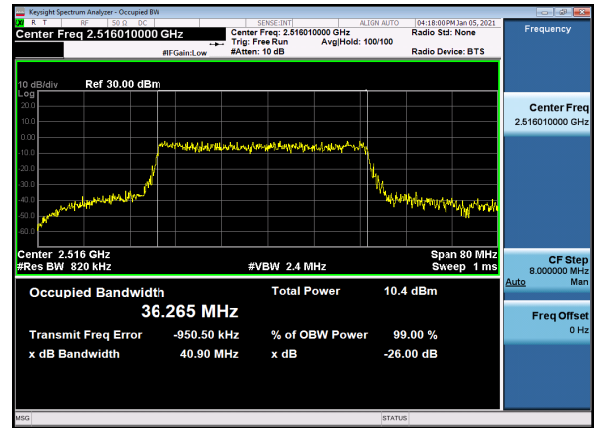




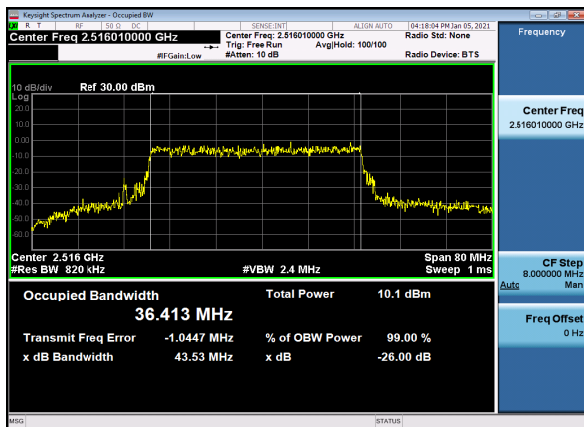
B2\_N41(40M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low CH



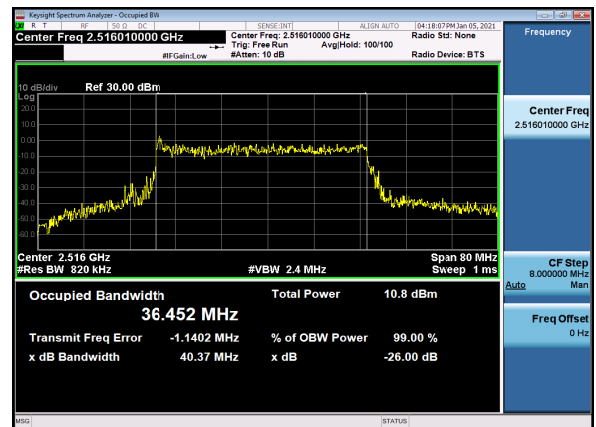
B2\_N41(40M)\_DFT-s-OFDM\_QPSK\_Outer\_Full\_Low CH



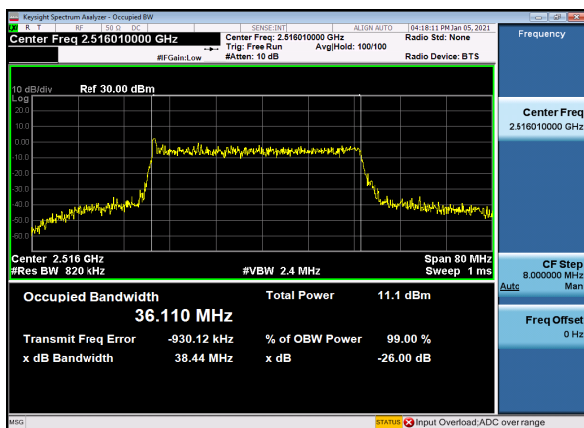
B2\_N41(40M)\_DFT-s-OFDM\_16\_QAM\_Outer\_Full\_Low CH



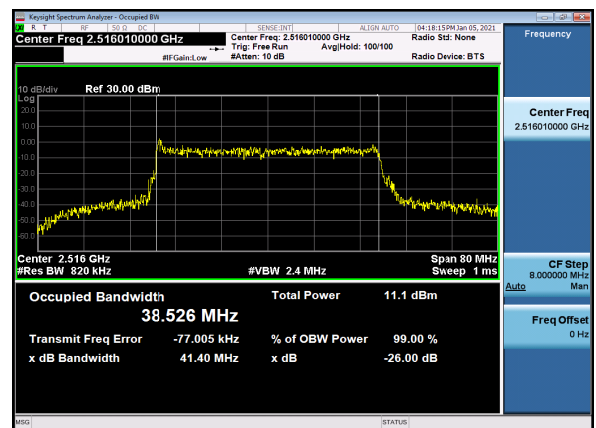
B2\_N41(40M)\_DFT-s-OFDM\_64\_QAM\_Outer\_Full\_Low CH



B2\_N41(40M)\_DFT-s-OFDM\_256\_QAM\_Outer\_Full\_Low CH

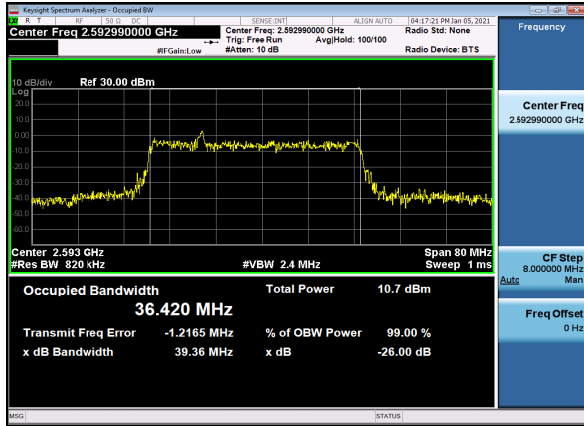


B2\_N41(40M)\_CP-OFDM\_QPSK\_Outer\_Full\_Low CH

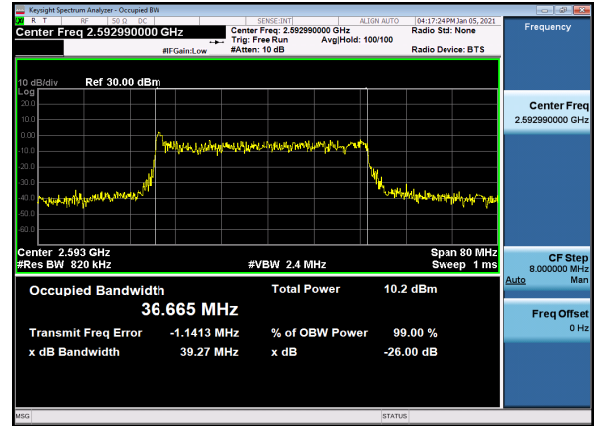




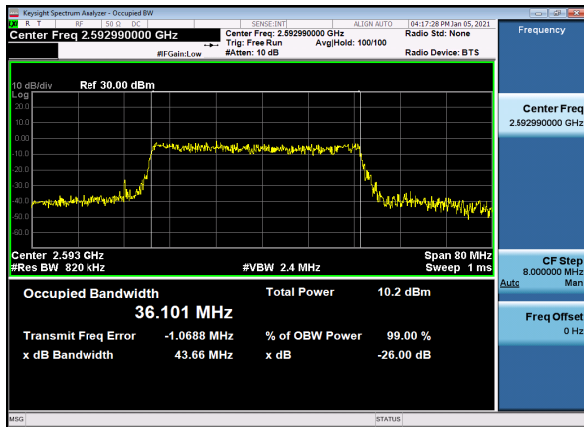
B2\_N41(40M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer  
Full\_Mid CH



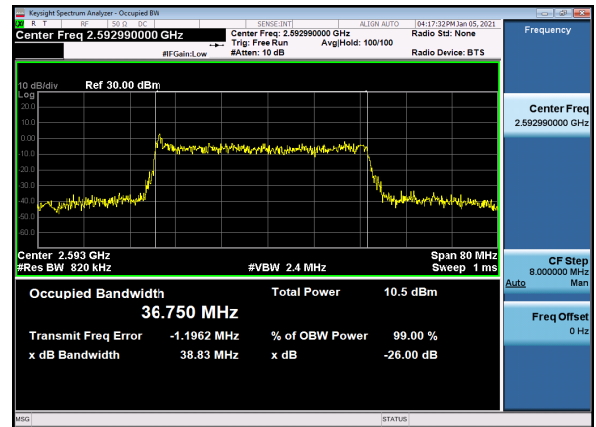
B2\_N41(40M)\_DFT-s-OFDM\_QPSK\_Outer  
Full\_Mid CH



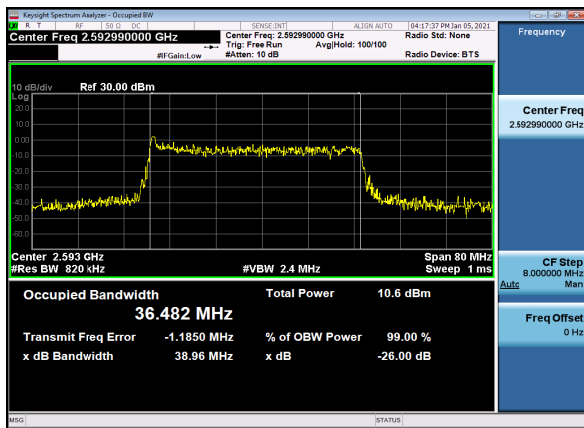
B2\_N41(40M)\_DFT-s-OFDM\_16  
QAM\_Outer\_Full\_Mid CH



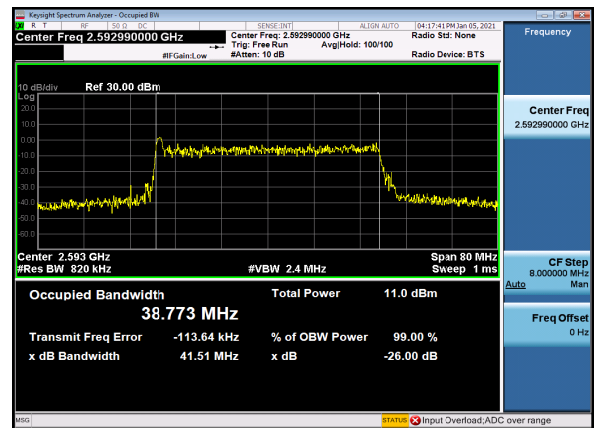
B2\_N41(40M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_Mid CH



B2\_N41(40M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_Mid CH

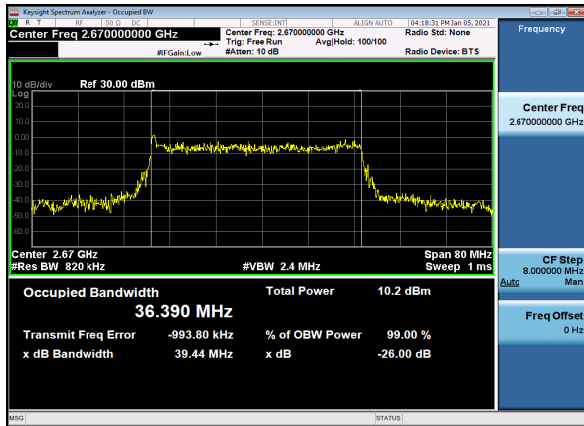


B2\_N41(40M)\_CP-OFDM\_QPSK\_Outer\_Full  
\_Mid CH

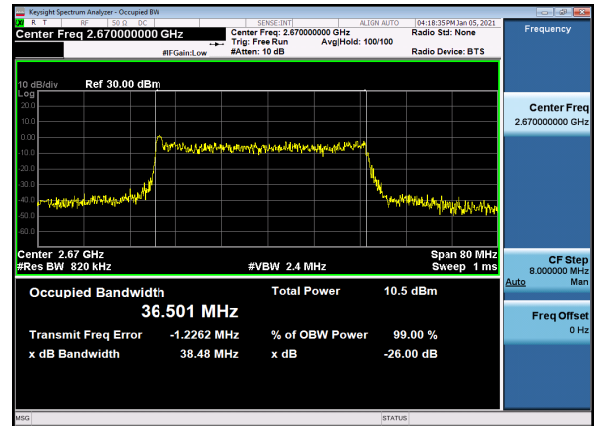




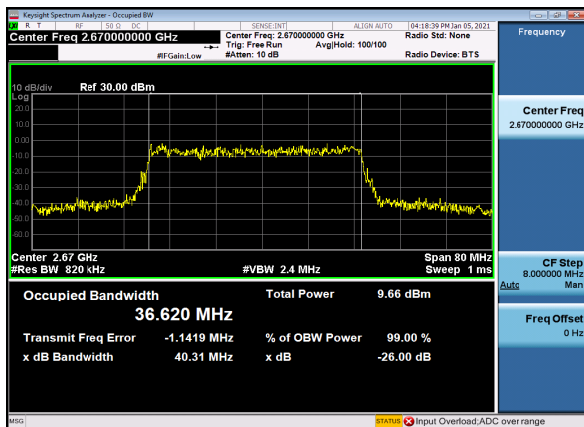
B2\_N41(40M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer  
Full\_High CH



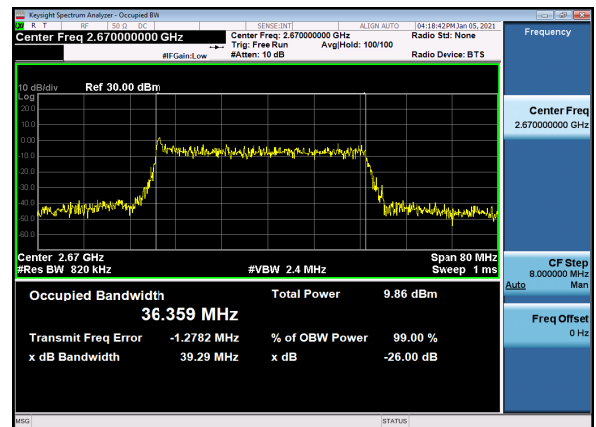
B2\_N41(40M)\_DFT-s-OFDM\_QPSK\_Outer  
Full\_High CH



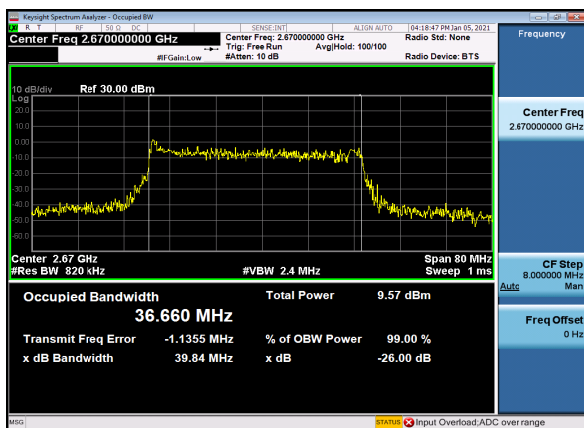
B2\_N41(40M)\_DFT-s-OFDM\_16  
QAM\_Outer\_Full\_High CH



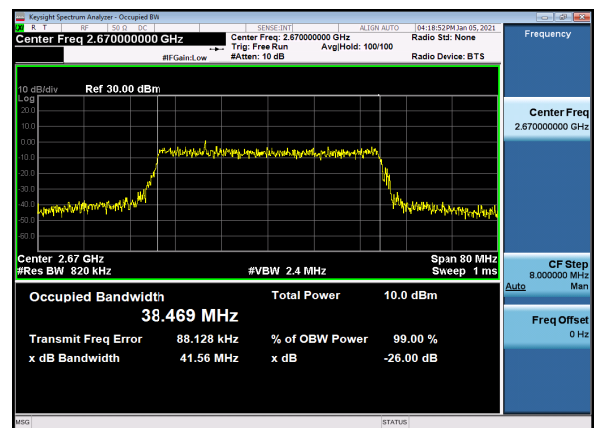
B2\_N41(40M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_High CH



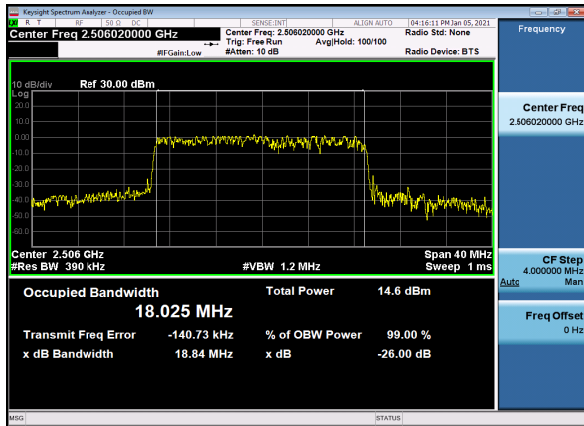
B2\_N41(40M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_High CH



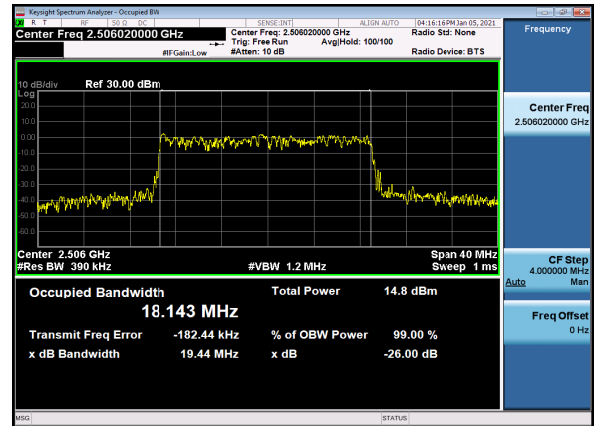
B2\_N41(40M)\_CP-OFDM\_QPSK\_Outer\_Full  
\_High CH



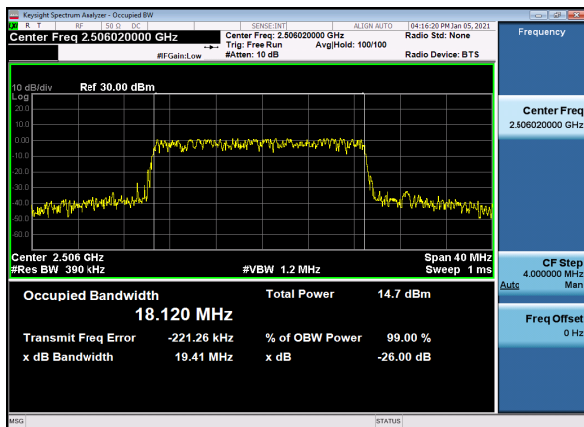
B2\_N41(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer\_Full\_Low CH



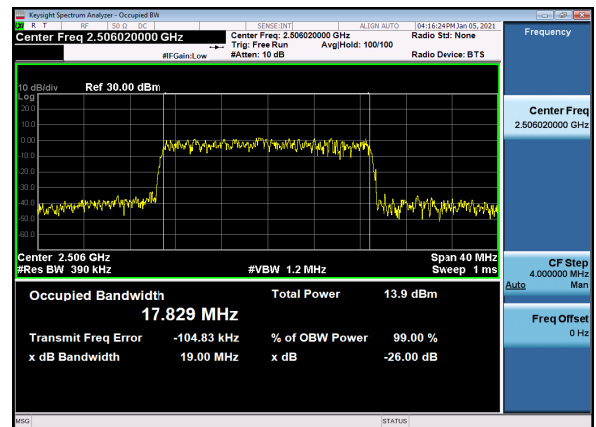
B2\_N41(20M)\_DFT-s-OFDM\_QPSK\_Outer\_Low CH



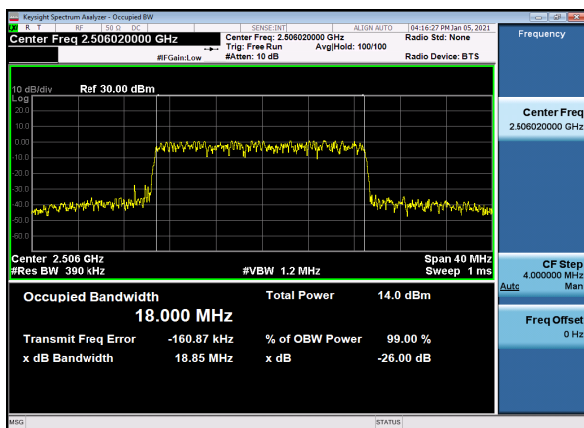
B2\_N41(20M)\_DFT-s-OFDM\_16\_QAM\_Outer\_Full\_Low CH



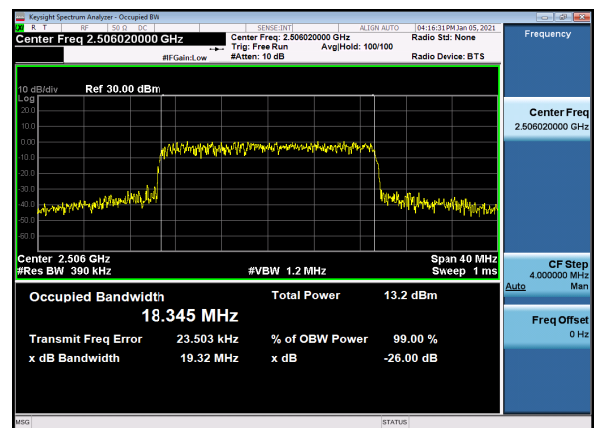
B2\_N41(20M)\_DFT-s-OFDM\_64\_QAM\_Outer\_Full\_Low CH



B2\_N41(20M)\_DFT-s-OFDM\_256\_QAM\_Outer\_Full\_Low CH



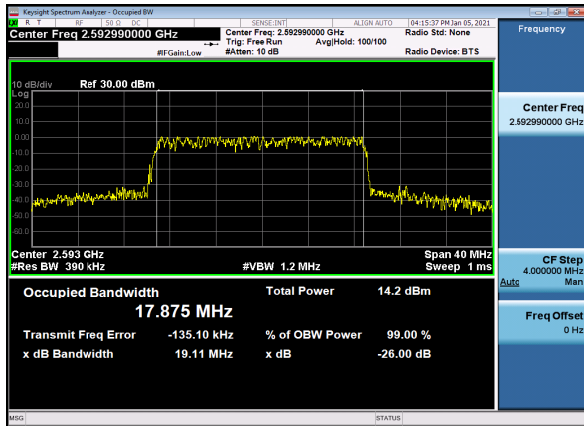
B2\_N41(20M)\_CP-OFDM\_QPSK\_Outer\_Full\_Low CH



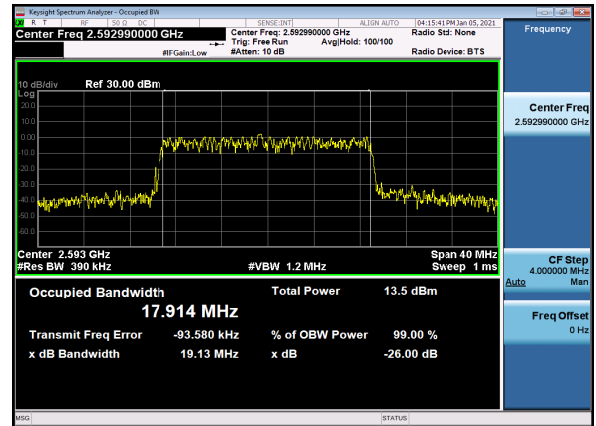




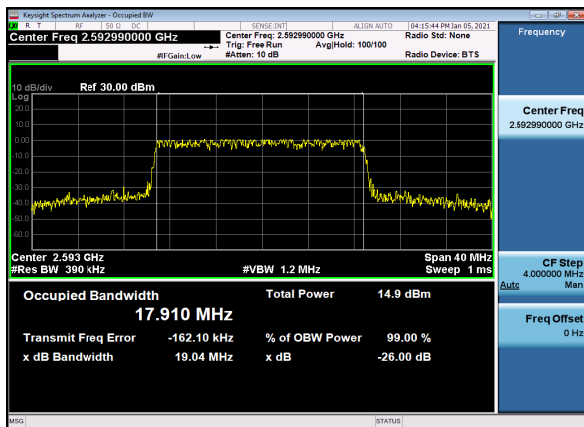
B2\_N41(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer  
Full\_Mid CH



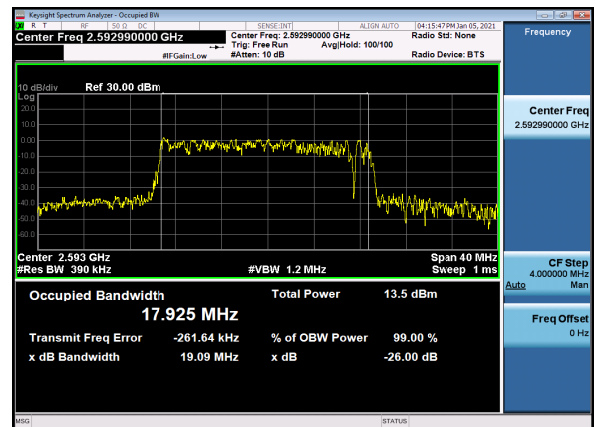
B2\_N41(20M)\_DFT-s-OFDM\_QPSK\_Outer  
Full\_Mid CH



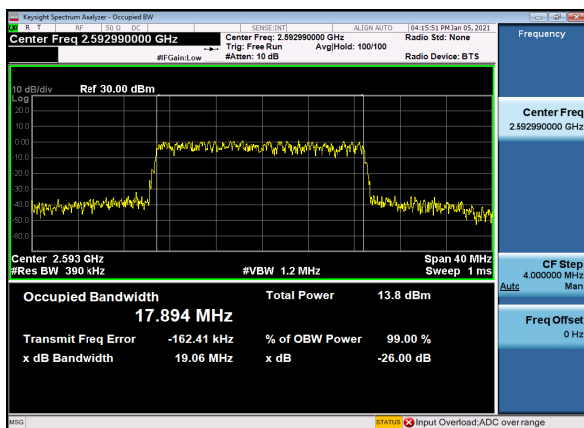
B2\_N41(20M)\_DFT-s-OFDM\_16  
QAM\_Outer\_Full\_Mid CH



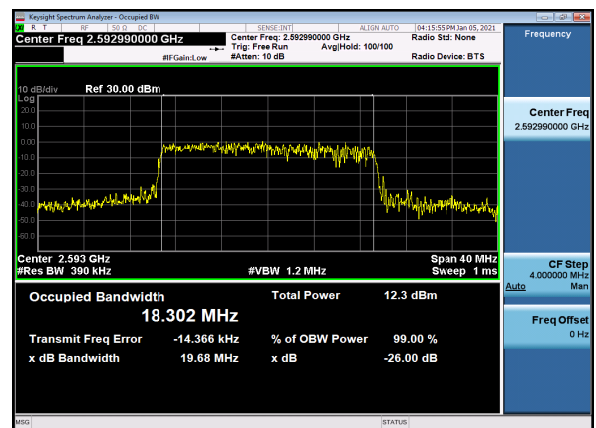
B2\_N41(20M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_Mid CH



B2\_N41(20M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_Mid CH

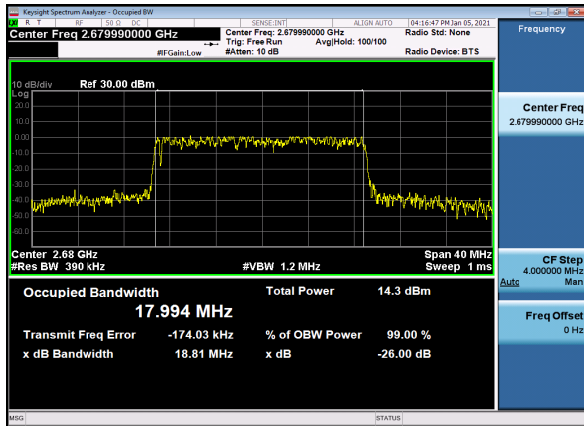


B2\_N41(20M)\_CP-OFDM\_QPSK\_Outer\_Full  
\_Mid CH

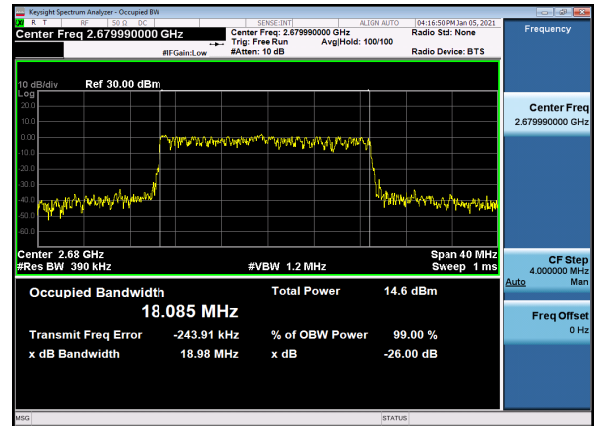




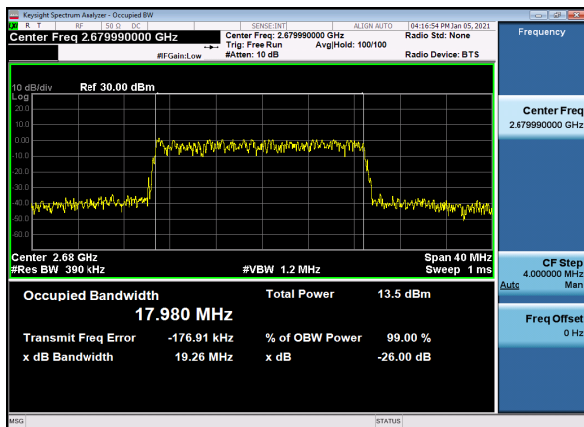
B2\_N41(20M)\_DFT-s-OFDM\_PI\_2-BPSK\_Outer  
Full\_High CH



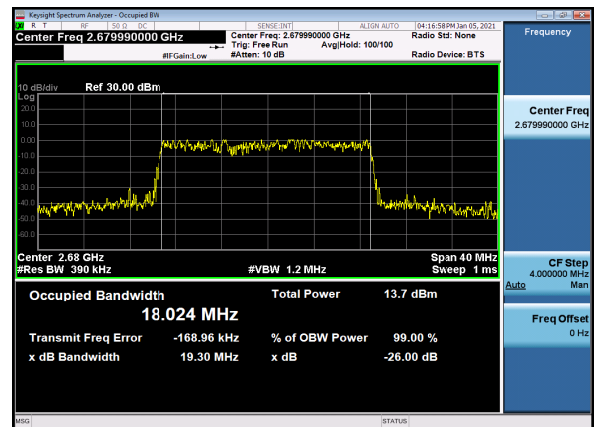
B2\_N41(20M)\_DFT-s-OFDM\_QPSK\_Outer  
Full\_High CH



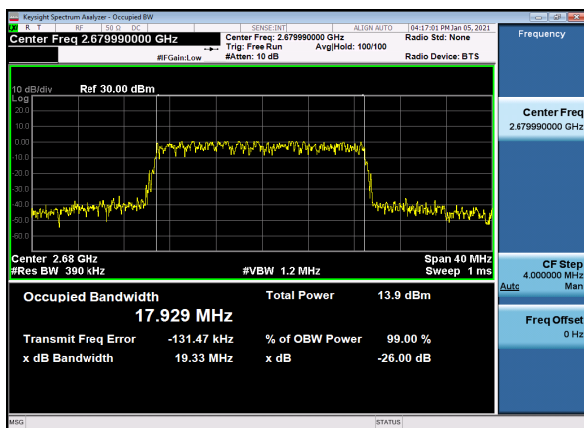
B2\_N41(20M)\_DFT-s-OFDM\_16  
QAM\_Outer\_Full\_High CH



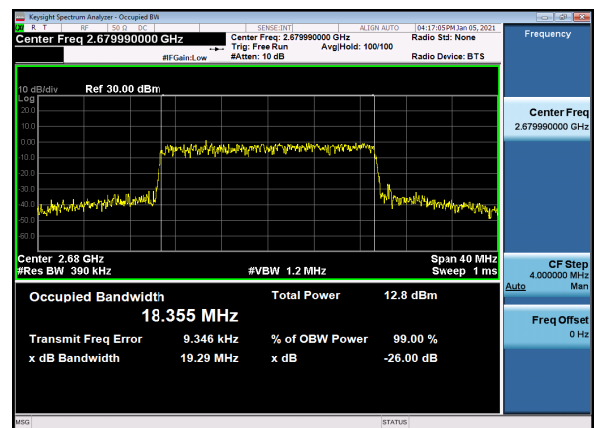
B2\_N41(20M)\_DFT-s-OFDM\_64  
QAM\_Outer\_Full\_High CH



B2\_N41(20M)\_DFT-s-OFDM\_256  
QAM\_Outer\_Full\_High CH



B2\_N41(20M)\_CP-OFDM\_QPSK\_Outer\_Full  
\_High CH



## 2.3. Frequency Stability

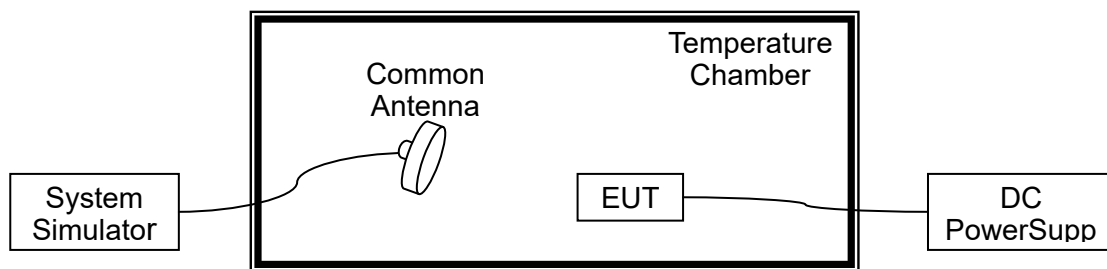
### 2.3.1. Requirement

According to FCC section 2.1055 & 27.54, the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. According to FCC section 2.1055, the test conditions are:

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

**Note:** The operating temperature of EUT is from  $0^{\circ}\text{C}$  to  $40^{\circ}\text{C}$ , which are specified by the applicant.

### 2.3.2. Test Description



The EUT which is powered by the DC Power Supply directly, is located in the Temperature Chamber. The EUT is commanded by the System Simulator (SS) to operate at the maximum output power. A call is established between the EUT and the SS via a Common Antenna.

### 2.3.3. Test procedure

KDB 971168 D01v03 Section 9.0 and ANSI/TIA-603-E-2016.

### 2.3.4. Test Result

The nominal, highest and lowest extreme voltages are separately 3.85VDC, 4.2VDC and 3.6VDC, which are specified by the applicant; the normal temperature here used is  $20^{\circ}\text{C}$ .





| NR n41, QPSK, Channel 518598, SCS 30kHz, Frequency 2592.99MHz |             |           |                |                 |        |
|---|-------------|-----------|----------------|-----------------|--------|
| Limit =±1ppm  |             |           |                |                 |        |
| Voltage (%)   | Power (VDC) | Temp (°C) | Fre. Dev. (Hz) | Deviation (ppm) | Result |
| 100   | 3.87        | +20 (Ref) | 61             | 0.024           | PASS   |
| 100   |             | 0         | -42            | -0.016          |        |
| 100   |             | +10       | 36             | 0.014           |        |
| 100   |             | +20       | -23            | -0.009          |        |
| 100   |             | +30       | 16             | 0.006           |        |
| 100   |             | +40       | 53             | 0.020           |        |
| 115   | 4.45        | +20       | 30             | 0.012           |        |
| 85  | 3.45        | +20       | 42             | 0.016           |        |

## 2.4. Conducted Spurious Emissions

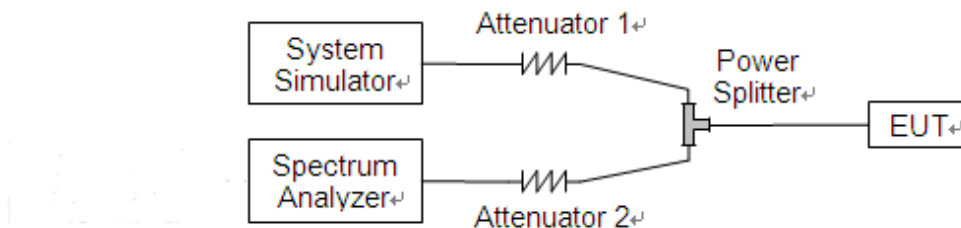
### 2.4.1. Requirement

According to FCC section 2.1051, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log(P)$  dB. This calculated to be -13dBm.

Additional requirement for N41:

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $55 + 10 \log(P)$  dB. This calculated to be -25dBm.

### 2.4.2. 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.



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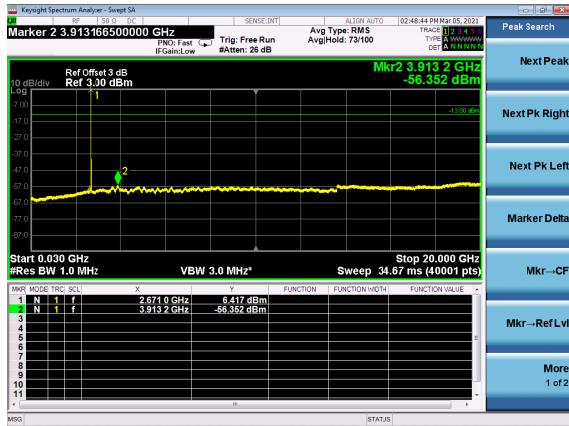
### 2.4.3. Test procedure

KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.

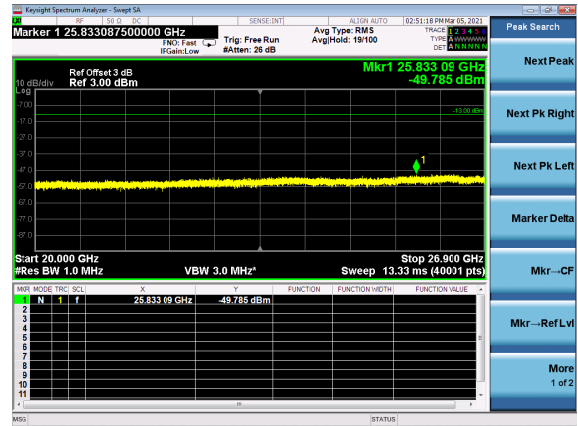
### 2.4.4. Test Result



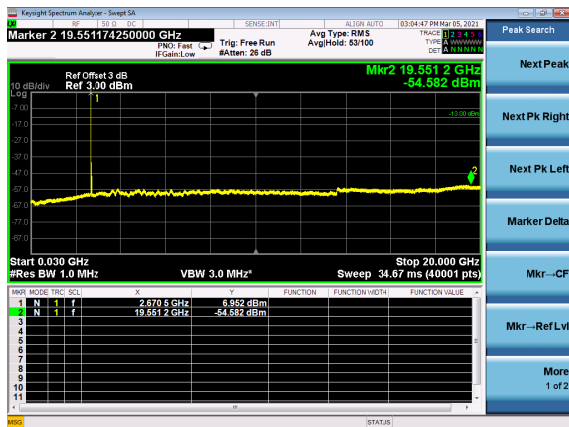
B2\_N41(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1R  
B\_Left\_High\_CH



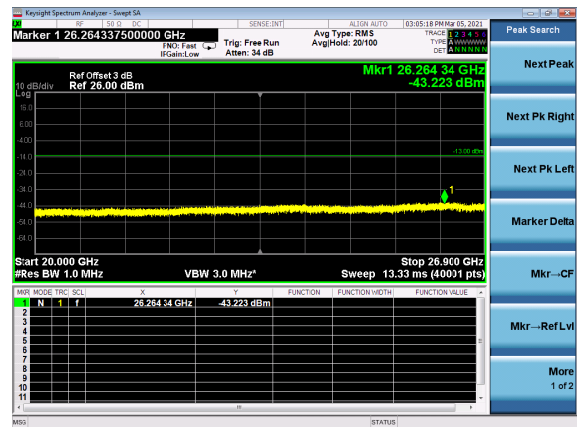
B2\_N41(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1R  
B\_Left\_High\_CH



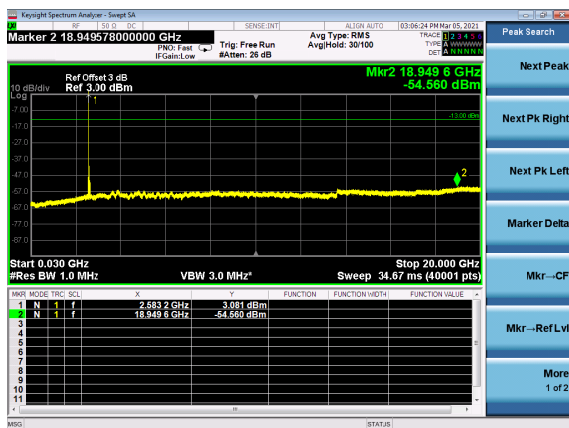
B2\_N41(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1R  
B\_Left\_High\_CH



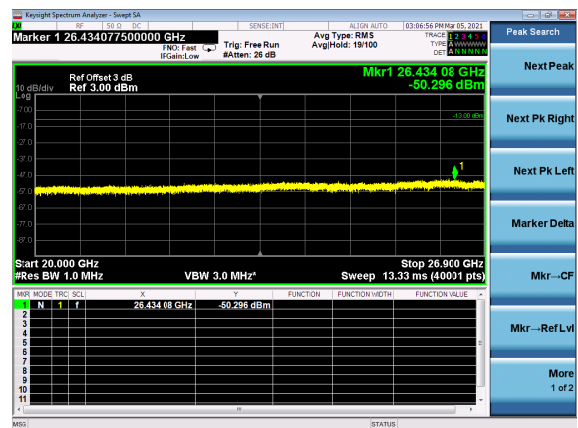
B2\_N41(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1R  
B\_Left\_High\_CH



B2\_N41(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1R  
B\_Left\_Mid\_CH

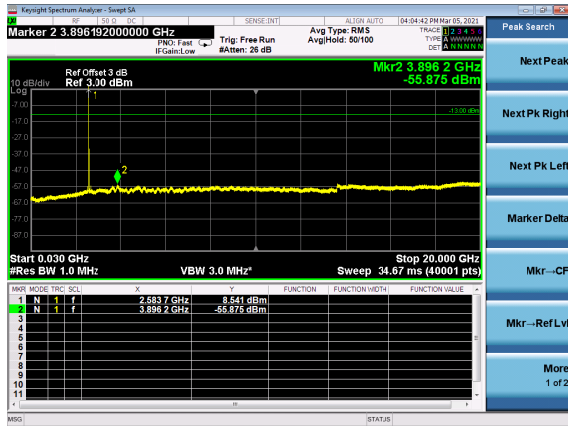


B2\_N41(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1R  
B\_Left\_Mid\_CH

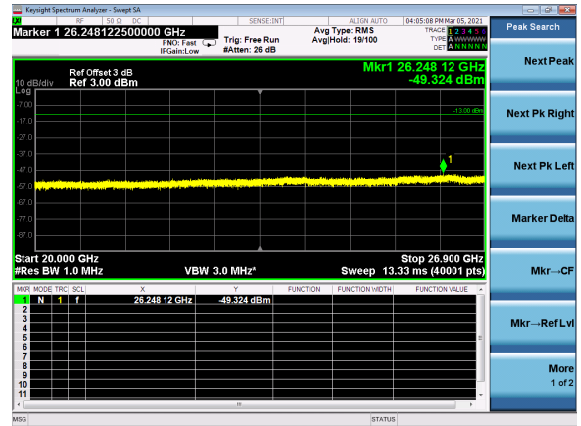




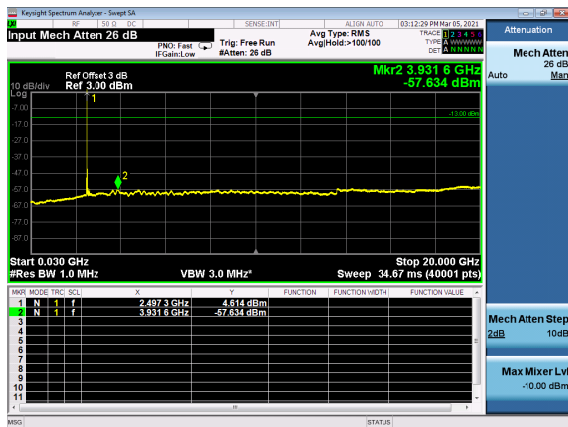
B2\_N41(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1R  
B\_Left\_Mid\_CH



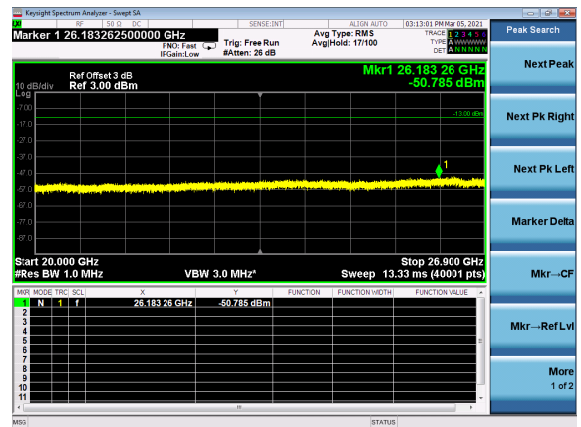
B2\_N41(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1R  
B\_Left\_Mid\_CH



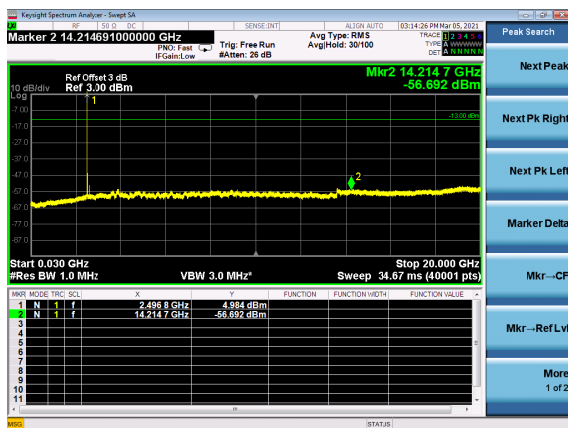
B2\_N41(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1R  
B\_Left\_Low\_CH



B2\_N41(20M)\_DFT-s-OFDM\_BPSK\_Edge\_1R  
B\_Left\_Low\_CH



B2\_N41(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1R  
B\_Left\_Low\_CH



B2\_N41(20M)\_DFT-s-OFDM\_QPSK\_Edge\_1R  
B\_Left\_Low\_CH

