



TEST REPORT

APPLICANT : ZTE Corporation
PRODUCT NAME : WLAN Router
MODEL NAME : MC7010CA
BRAND NAME : ZTE
FCC ID : SRQ-MC7010CA
STANDARD(S) : 47 CFR Part 27, Subpart L& N
RECEIPT DATE : 2021-01-27
TEST DATE : 2021-01-28 to 2021-03-02
ISSUE DATE : 2020-03-02

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REPORT No.: SZ21010176W05

| Change History | | |
|-----------------------|-------------|--------------------------|
| Version | Date | Reason for change |
| 1.0 | 2020-03-02 | First edition |
| | | |



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

| | |
|-----------------------------|--|
| Applicant: | ZTE Corporation |
| Applicant Address: | ZTE Plaza, Keji Road South, Shenzhen, China. |
| Manufacturer: | ZTE Corporation |
| ManufacturerAddress: | ZTE Plaza, Keji Road South, Shenzhen, China. |

1.2. Equipment Under Test (EUT) Description

| | | |
|-------------------------------|----------------------|--------------------------------------|
| Product Name: | WLAN Router | |
| Hardware Version: | MC7010CAHW1.0 | |
| Software Version: | MC7010CAV1.1 | |
| Modulation Type: | DFT-s-OFDM | PI/2 BPSK, QPSK, 16QAM, 64QAM,256QAM |
| | CP-OFDM | QPSK, 16QAM, 64QAM,256QAM |
| Operation Band: | B2_N66, B7_N71 | |
| Frequency Range: | B2_N66 | Tx: 1710MHz-1780MHz |
| | | Rx: 2110MHz-2200MHz |
| | B7_N71 | Tx: 663MHz-698MHz |
| | | Rx: 617MHz-652MHz |
| Channel Bandwidth | B2_N66 | 5MHz, 10 MHz, 15 MHz, 20MHz |
| | B7_N71 | 5MHz, 10 MHz, 15 MHz, 20MHz |
| Antenna Type: | Fixed External | |
| Antenna Gain: | B2_N66 | 1.8 dBi |
| | B7_N71 | 0.6 dBi |
| Accessory Information: | AC Adapter 1 | |
| | Brand Name: | ZTE |
| | Model No.: | POE-A4803 |
| | Serial No.: | (N/A, marked #1 by test site) |
| | Rated Input: | 100-240V~ 50/60HZ, 0.50A |
| | Rated Output: | 48V=0.31A |
| | Manufacturer: | ZTE Corporation |



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

Note 2: The product only supports EN-DC, according to the measured power of all frequency bands, The frequency band with the highest power was selected for the same NR frequency band for testing.



1.3. Maximum ERP/EIRP and Emission Designator

| B2_N66 | Maximum ERP/EIRP (W) | | | | | | | | |
|---------|----------------------|-------|-------|-------|--------|---------|-------|-------|--------|
| | DFT-s-OFDM | | | | | CP-OFDM | | | |
| BW(MHz) | PI/2 BPSK | QPSK | 16QAM | 64QAM | 256QAM | QPSK | 16QAM | 64QAM | 256QAM |
| 20 | 0.333 | 0.330 | 0.331 | 0.283 | 0.142 | 0.309 | 0.262 | 0.184 | 0.089 |
| 15 | 0.338 | 0.328 | 0.336 | 0.233 | 0.143 | 0.292 | 0.261 | 0.183 | 0.089 |
| 10 | 0.359 | 0.344 | 0.334 | 0.239 | 0.151 | 0.301 | 0.270 | 0.186 | 0.094 |
| 5 | 0.348 | 0.340 | 0.344 | 0.245 | 0.151 | 0.318 | 0.270 | 0.186 | 0.094 |

| B2_N66 | Emission Designator (99%OBW) | | | | | |
|---------|------------------------------|---------|---------|---------|---------|---------|
| | DFT-s-OFDM | | | | | CP-OFDM |
| BW(MHz) | PI/2 BPSK | QPSK | 16QAM | 64QAM | 256QAM | QPSK |
| 20 | 18M2G7D | 18M3G7D | 18M0W7D | 18M1D7W | 18M3D7W | 19M2G7D |
| 15 | 13M5G7D | 13M7G7D | 13M5W7D | 13M7D7W | 13M6D7W | 14M4G7D |
| 10 | 8M99G7D | 9M14G7D | 9M04W7D | 9M09D7W | 9M00D7W | 9M32G7D |
| 5 | 4M48G7D | 4M53G7D | 4M52W7D | 4M53D7W | 4M52D7W | 4M56G7D |



| B5_N66 | Maximum ERP/EIRP (W) | | | | | | | | |
|---------|----------------------|-------|--------|--------|---------|---------|-------|-------|--------|
| | DFT-s-OFDM | | | | | CP-OFDM | | | |
| BW(MHz) | PI/2 BPSK | QPSK | 16QA M | 64QA M | 256QA M | QPSK | 16QAM | 64QAM | 256QAM |
| 20 | 0.320 | 0.319 | 0.326 | 0.228 | 0.140 | 0.304 | 0.256 | 0.182 | 0.088 |
| 15 | 0.326 | 0.322 | 0.320 | 0.224 | 0.137 | 0.289 | 0.257 | 0.179 | 0.088 |
| 10 | 0.306 | 0.308 | 0.318 | 0.214 | 0.135 | 0.285 | 0.247 | 0.173 | 0.085 |
| 5 | 0.308 | 0.302 | 0.308 | 0.219 | 0.133 | 0.277 | 0.244 | 0.174 | 0.086 |

| B7_N66 | Maximum ERP/EIRP (W) | | | | | | | | |
|---------|----------------------|-------|--------|--------|---------|---------|-------|-------|--------|
| | DFT-s-OFDM | | | | | CP-OFDM | | | |
| BW(MHz) | PI/2 BPSK | QPSK | 16QA M | 64QA M | 256QA M | QPSK | 16QAM | 64QAM | 256QAM |
| 20 | 0.332 | 0.320 | 0.330 | 0.225 | 0.141 | 0.296 | 0.256 | 0.178 | 0.089 |
| 15 | 0.325 | 0.321 | 0.324 | 0.225 | 0.141 | 0.277 | 0.254 | 0.176 | 0.088 |
| 10 | 0.315 | 0.308 | 0.307 | 0.213 | 0.135 | 0.287 | 0.254 | 0.174 | 0.086 |
| 5 | 0.311 | 0.307 | 0.308 | 0.222 | 0.136 | 0.280 | 0.242 | 0.175 | 0.087 |

| B12_N66 | Maximum ERP/EIRP (W) | | | | | | | | |
|---------|----------------------|-------|--------|--------|---------|---------|-------|-------|--------|
| | DFT-s-OFDM | | | | | CP-OFDM | | | |
| BW(MHz) | PI/2 BPSK | QPSK | 16QA M | 64QA M | 256QA M | QPSK | 16QAM | 64QAM | 256QAM |
| 20 | 0.313 | 0.301 | 0.312 | 0.216 | 0.133 | 0.282 | 0.243 | 0.173 | 0.085 |
| 15 | 0.310 | 0.306 | 0.310 | 0.213 | 0.130 | 0.258 | 0.237 | 0.167 | 0.083 |
| 10 | 0.301 | 0.291 | 0.294 | 0.201 | 0.128 | 0.272 | 0.231 | 0.166 | 0.081 |
| 5 | 0.292 | 0.288 | 0.289 | 0.204 | 0.127 | 0.264 | 0.233 | 0.163 | 0.083 |



| B13_N66 | Maximum ERP/EIRP (W) | | | | | | | | |
|---------|----------------------|-------|--------|--------|---------|---------|-------|-------|--------|
| | DFT-s-OFDM | | | | | CP-OFDM | | | |
| BW(MHz) | PI/2 BPSK | QPSK | 16QA M | 64QA M | 256QA M | QPSK | 16QAM | 64QAM | 256QAM |
| 20 | 0.309 | 0.307 | 0.321 | 0.220 | 0.136 | 0.289 | 0.246 | 0.181 | 0.087 |
| 15 | 0.311 | 0.301 | 0.312 | 0.215 | 0.134 | 0.268 | 0.240 | 0.170 | 0.085 |
| 10 | 0.305 | 0.303 | 0.303 | 0.208 | 0.131 | 0.270 | 0.244 | 0.167 | 0.083 |
| 5 | 0.307 | 0.300 | 0.297 | 0.212 | 0.131 | 0.269 | 0.239 | 0.166 | 0.082 |

| B30_N66 | Maximum ERP/EIRP (W) | | | | | | | | |
|---------|----------------------|-------|--------|--------|---------|---------|-------|-------|--------|
| | DFT-s-OFDM | | | | | CP-OFDM | | | |
| BW(MHz) | PI/2 BPSK | QPSK | 16QA M | 64QA M | 256QA M | QPSK | 16QAM | 64QAM | 256QAM |
| 20 | 0.323 | 0.315 | 0.320 | 0.228 | 0.138 | 0.295 | 0.258 | 0.178 | 0.088 |
| 15 | 0.326 | 0.321 | 0.318 | 0.221 | 0.137 | 0.284 | 0.252 | 0.173 | 0.086 |
| 10 | 0.310 | 0.307 | 0.317 | 0.213 | 0.136 | 0.287 | 0.246 | 0.173 | 0.086 |
| 5 | 0.304 | 0.307 | 0.305 | 0.219 | 0.134 | 0.279 | 0.242 | 0.170 | 0.086 |

| B2_N71 | Maximum ERP/EIRP (W) | | | | | | | | |
|---------|----------------------|-------|--------|--------|---------|---------|-------|-------|--------|
| | DFT-s-OFDM | | | | | CP-OFDM | | | |
| BW(MHz) | PI/2 BPSK | QPSK | 16QA M | 64QA M | 256QA M | QPSK | 16QAM | 64QAM | 256QAM |
| 20 | 0.173 | 0.171 | 0.173 | 0.118 | 0.073 | 0.158 | 0.136 | 0.097 | 0.047 |
| 15 | 0.176 | 0.168 | 0.175 | 0.120 | 0.073 | 0.154 | 0.138 | 0.096 | 0.048 |
| 10 | 0.167 | 0.167 | 0.167 | 0.118 | 0.072 | 0.167 | 0.130 | 0.092 | 0.046 |
| 5 | 0.166 | 0.165 | 0.169 | 0.119 | 0.074 | 0.155 | 0.132 | 0.092 | 0.047 |



| B7_N71 | Maximum ERP/EIRP (W) | | | | | | | | |
|---------|----------------------|-------|-------|-------|--------|---------|-------|-------|--------|
| | DFT-s-OFDM | | | | | CP-OFDM | | | |
| BW(MHz) | PI/2 BPSK | QPSK | 16QAM | 64QAM | 256QAM | QPSK | 16QAM | 64QAM | 256QAM |
| 20 | 0.178 | 0.178 | 0.179 | 0.127 | 0.078 | 0.163 | 0.142 | 0.100 | 0.051 |
| 15 | 0.179 | 0.176 | 0.179 | 0.126 | 0.077 | 0.163 | 0.143 | 0.097 | 0.051 |
| 10 | 0.179 | 0.179 | 0.178 | 0.122 | 0.077 | 0.163 | 0.143 | 0.097 | 0.051 |
| 5 | 0.181 | 0.172 | 0.173 | 0.124 | 0.076 | 0.162 | 0.137 | 0.097 | 0.050 |

| B7_N71 | Emission Designator (99%OBW) | | | | | | |
|---------|------------------------------|---------|---------|---------|---------|---------|--|
| | DFT-s-OFDM | | | | | CP-OFDM | |
| BW(MHz) | PI/2 BPSK | QPSK | 16QAM | 64QAM | 256QAM | QPSK | |
| 20 | 18M2G7D | 18M2G7D | 18M2W7D | 18M2D7W | 18M3D7W | 19M2G7D | |
| 15 | 13M7G7D | 13M6G7D | 13M7W7D | 13M6D7W | 13M7D7W | 14M4G7D | |
| 10 | 9M11G7D | 8M99G7D | 9M06W7D | 9M08D7W | 9M09D7W | 9M35G7D | |
| 5 | 4M52G7D | 4M52G7D | 4M53W7D | 4M50D7W | 4M52D7W | 4M51G7D | |



| B66_N71 | Maximum ERP/EIRP (W) | | | | | | | | |
|---------|----------------------|-------|-------|-------|--------|---------|-------|-------|--------|
| | DFT-s-OFDM | | | | | CP-OFDM | | | |
| BW(MHz) | PI/2 BPSK | QPSK | 16QAM | 64QAM | 256QAM | QPSK | 16QAM | 64QAM | 256QAM |
| 20 | 0.168 | 0.170 | 0.174 | 0.125 | 0.072 | 0.158 | 0.138 | 0.095 | 0.047 |
| 15 | 0.170 | 0.175 | 0.172 | 0.130 | 0.074 | 0.157 | 0.138 | 0.096 | 0.048 |
| 10 | 0.169 | 0.166 | 0.166 | 0.115 | 0.073 | 0.152 | 0.131 | 0.094 | 0.046 |
| 5 | 0.169 | 0.166 | 0.170 | 0.121 | 0.074 | 0.148 | 0.133 | 0.094 | 0.047 |



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(c)(10) 27.50(d)(4),27.50(h)(2) 27.50(a)(3) | Transmitter Conducted Output Power and ERP/EIRP | Jan 28, 2021 to Feb 6 2021 | Tang Jinde Peng Xuewei | PASS | No deviation |
| 2.1049 | Occupied Bandwidth | Feb 8, 2021 | Tang Jinde | PASS | No deviation |
| 2.1055, 27.54 | Frequency Stability | Feb 9 to 10, 2021 | Tang Jinde | PASS | No deviation |
| 27.50(d)(5) | Peak to Average Radio | Feb 22 to 24, 2021 | Tang Jinde | PASS | No deviation |
| 2.1051, 27.53(g)(h) 27.53(m)(4)(a)(4) | Conducted Spurious Emissions | Feb 17 to 20, 2021 | Tang Jinde | PASS | No deviation |
| 2.1051, 27.53(g)(h) 27.53(m)(4)(a)(4) | Band Edge | Feb 17,2021 | Tang Jinde | PASS | No deviation |
| 2.1051,27.53(g)(h) 27.53(m)(4)(a)(4) | Radiated Spurious Emissions | Feb 25 ,2021 | Peng Xuewei | 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 26dB.



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 2,27L&N Requirements

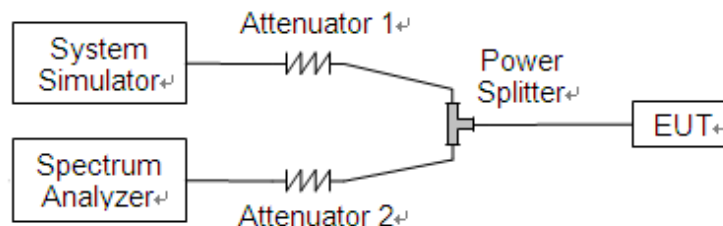
2.1. Transmitter Conducted Output Power And ERP/EIRP

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) for NR Band n41, Mobile and other user stations. Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

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-N66

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel | | | | 346000 | 349000 | 352000 |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.23 | 22.84 | 22.94 |
| 20 | | 1 | 104 | 22.68 | 23.39 | 23.42 |
| 20 | | 50 | 25 | 22.72 | 23.05 | 23.40 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.12 | 22.76 | 22.84 |
| 20 | | 1 | 104 | 22.53 | 23.17 | 23.39 |
| 20 | | 50 | 25 | 22.72 | 23.26 | 23.24 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 22.36 | 22.71 | 23.04 |
| 20 | | 1 | 104 | 22.72 | 23.21 | 23.40 |
| 20 | | 50 | 25 | 22.70 | 22.91 | 23.22 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 20.64 | 21.03 | 21.34 |
| 20 | | 1 | 104 | 22.72 | 21.65 | 21.85 |
| 20 | | 50 | 25 | 21.21 | 21.48 | 21.80 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 18.30 | 18.51 | 19.04 |
| 20 | | 1 | 104 | 18.75 | 19.08 | 19.53 |
| 20 | | 50 | 25 | 19.10 | 19.44 | 19.73 |
| Channel | | | | 344000 | 349000 | 354000 |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.20 | 22.77 | 23.06 |
| 15 | | 1 | 77 | 22.58 | 23.35 | 23.49 |
| 15 | | 36 | 18 | 22.49 | 22.57 | 22.74 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.05 | 22.78 | 22.84 |
| 15 | | 1 | 77 | 22.74 | 23.32 | 23.33 |
| 15 | | 36 | 18 | 22.57 | 23.11 | 23.36 |
| 15 | DFT-s-OFDM 16QAM | 1 | 1 | 22.29 | 22.83 | 23.11 |
| 15 | | 1 | 77 | 22.81 | 23.33 | 23.46 |
| 15 | | 36 | 18 | 22.56 | 22.98 | 23.34 |
| 15 | DFT-s-OFDM 64QAM | 1 | 1 | 20.59 | 21.23 | 21.48 |
| 15 | | 1 | 77 | 21.06 | 21.63 | 21.84 |
| 15 | | 36 | 18 | 21.05 | 21.48 | 21.88 |



| | | | | | | |
|-----------------|-------------------------|----|----|--------|--------|--------|
| 15 | DFT-s-OFDM 256QAM | 1 | 1 | 18.31 | 18.79 | 19.15 |
| 15 | | 1 | 77 | 18.83 | 19.32 | 19.55 |
| 15 | | 36 | 18 | 18.96 | 19.39 | 19.75 |
| Channel | | | | 343000 | 349000 | 355000 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.19 | 22.75 | 23.30 |
| 10 | | 1 | 50 | 22.69 | 23.25 | 23.31 |
| 10 | | 25 | 12 | 22.48 | 23.12 | 23.75 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.20 | 22.84 | 23.28 |
| 10 | | 1 | 50 | 22.63 | 23.27 | 23.25 |
| 10 | | 25 | 12 | 22.49 | 23.01 | 23.56 |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | 22.22 | 22.91 | 23.37 |
| 10 | | 1 | 50 | 22.75 | 23.27 | 23.24 |
| 10 | | 25 | 12 | 22.39 | 22.97 | 23.44 |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | 20.60 | 21.25 | 21.56 |
| 10 | | 1 | 50 | 21.09 | 21.57 | 21.77 |
| 10 | | 25 | 12 | 20.92 | 21.45 | 21.98 |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | 18.32 | 18.89 | 19.41 |
| 10 | | 1 | 50 | 18.79 | 19.35 | 19.53 |
| 10 | | 25 | 12 | 18.92 | 19.47 | 19.99 |
| Channel | | | | 342500 | 34900 | 355500 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.21 | 22.87 | 23.58 |
| 5 | | 1 | 23 | 22.40 | 23.16 | 23.39 |
| 5 | | 12 | 6 | 22.38 | 23.14 | 23.62 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 22.06 | 22.85 | 23.50 |
| 5 | | 1 | 23 | 22.25 | 23.04 | 23.19 |
| 5 | | 12 | 6 | 22.29 | 23.02 | 23.51 |
| 5 | DFT-s-OFDM 16QAM | 1 | 1 | 22.32 | 23.00 | 23.56 |
| 5 | | 1 | 23 | 22.40 | 23.18 | 23.33 |
| 5 | | 12 | 6 | 22.14 | 23.05 | 23.38 |
| 5 | DFT-s-OFDM 64QAM | 1 | 1 | 20.59 | 21.31 | 21.92 |
| 5 | | 1 | 23 | 20.82 | 21.52 | 21.80 |
| 5 | | 12 | 6 | 20.85 | 21.58 | 22.09 |
| 5 | DFT-s-OFDM 256QAM | 1 | 1 | 18.27 | 19.05 | 19.46 |
| 5 | | 1 | 23 | 18.49 | 19.19 | 19.34 |
| 5 | | 12 | 6 | 18.72 | 19.50 | 20.00 |



EN-DC_2A-N66

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|----------------|---------|-----------|-------------|----------------|--------------|
| Channel | | | | 346000 | 349000 | 352000 |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 |
| 20 | CP-OFDM QPSK | 1 | 1 | 21.79 | 22.11 | 22.81 |
| 20 | | 1 | 104 | 22.39 | 22.92 | 23.10 |
| 20 | | 53 | 26 | 22.18 | 22.62 | 22.73 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 21.30 | 21.60 | 22.00 |
| 20 | | 1 | 104 | 21.69 | 22.30 | 22.38 |
| 20 | | 53 | 26 | 21.61 | 22.05 | 22.25 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 19.59 | 20.20 | 20.59 |
| 20 | | 1 | 104 | 20.01 | 20.46 | 20.84 |
| 20 | | 53 | 26 | 20.14 | 20.60 | 20.80 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 16.38 | 16.74 | 17.18 |
| 20 | | 1 | 104 | 16.70 | 17.36 | 17.48 |
| 20 | | 53 | 26 | 17.16 | 17.47 | 17.71 |
| Channel | | | | 344000 | 349000 | 354000 |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 |
| 15 | CP-OFDM QPSK | 1 | 1 | 21.60 | 22.20 | 22.71 |
| 15 | | 1 | 77 | 22.01 | 22.79 | 22.86 |
| 15 | | 39 | 191 | 20.37 | 20.97 | 21.23 |
| 15 | CP-OFDM 16QAM | 1 | 1 | 21.28 | 21.82 | 22.05 |
| 15 | | 1 | 77 | 21.62 | 22.31 | 22.37 |
| 15 | | 39 | 191 | 20.39 | 20.88 | 21.23 |
| 15 | CP-OFDM 64QAM | 1 | 1 | 19.59 | 20.05 | 20.36 |
| 15 | | 1 | 77 | 20.02 | 20.56 | 20.83 |
| 15 | | 39 | 191 | 19.81 | 20.32 | 20.73 |
| 15 | CP-OFDM 256QAM | 1 | 1 | 16.35 | 16.86 | 17.13 |
| 15 | | 1 | 77 | 16.75 | 17.40 | 17.48 |
| 15 | | 39 | 191 | 16.82 | 17.31 | 17.69 |
| Channel | | | | 343000 | 349000 | 355000 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 10 | CP-OFDM QPSK | 1 | 1 | 21.70 | 22.48 | 22.94 |
| 10 | | 1 | 50 | 22.34 | 22.75 | 22.74 |
| 10 | | 26 | 13 | 21.98 | 22.50 | 22.99 |
| 10 | CP-OFDM | 1 | 1 | 21.32 | 21.81 | 22.27 |



| | | | | | | |
|-----------------|-------------------|----|----|--------|-------|--------|
| 10 | 16QAM | 1 | 50 | 21.78 | 22.29 | 22.49 |
| 10 | | 26 | 13 | 21.52 | 22.05 | 22.52 |
| 10 | CP-OFDM 64QAM | 1 | 1 | 19.63 | 20.24 | 20.72 |
| 10 | | 1 | 50 | 20.18 | 20.71 | 20.87 |
| 10 | | 26 | 13 | 19.96 | 20.54 | 20.90 |
| 10 | CP-OFDM 256QAM | 1 | 1 | 16.40 | 17.02 | 17.33 |
| 10 | | 1 | 50 | 16.89 | 17.40 | 17.52 |
| 10 | | 26 | 13 | 16.87 | 17.49 | 17.95 |
| Channel | | | | 342500 | 34900 | 355500 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 5 | CP-OFDM QPSK | 1 | 1 | 21.60 | 22.32 | 23.22 |
| 5 | | 1 | 23 | 21.79 | 22.84 | 22.99 |
| 5 | | 13 | 6 | 21.69 | 22.68 | 22.87 |
| 5 | CP-OFDM 16QAM | 1 | 1 | 21.17 | 22.13 | 22.52 |
| 5 | | 1 | 23 | 21.34 | 22.14 | 22.30 |
| 5 | | 13 | 6 | 21.21 | 21.88 | 22.34 |
| 5 | CP-OFDM 64QAM | 1 | 1 | 19.60 | 20.47 | 20.90 |
| 5 | | 1 | 23 | 19.75 | 20.74 | 20.74 |
| 5 | | 13 | 6 | 19.82 | 20.58 | 20.88 |
| 5 | CP-OFDM 256QAM | 1 | 1 | 16.34 | 17.04 | 17.61 |
| 5 | | 1 | 23 | 16.52 | 17.10 | 17.39 |
| 5 | | 13 | 6 | 16.83 | 17.49 | 17.95 |



EN-DC_5A-N66

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel | | | | 346000 | 349000 | 352000 |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.99 | 22.79 | 23.25 |
| 20 | | 1 | 104 | 22.95 | 23.23 | 23.06 |
| 20 | | 50 | 25 | 22.74 | 23.11 | 23.16 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.94 | 22.89 | 23.24 |
| 20 | | 1 | 104 | 22.81 | 23.18 | 23.12 |
| 20 | | 50 | 25 | 22.89 | 23.12 | 23.24 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 22.98 | 22.93 | 23.31 |
| 20 | | 1 | 104 | 22.85 | 23.33 | 23.16 |
| 20 | | 50 | 25 | 22.82 | 23.17 | 23.21 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 21.35 | 21.26 | 21.57 |
| 20 | | 1 | 104 | 21.33 | 21.76 | 21.51 |
| 20 | | 50 | 25 | 21.40 | 21.60 | 21.77 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 19.00 | 19.05 | 19.43 |
| 20 | | 1 | 104 | 18.76 | 19.41 | 19.28 |
| 20 | | 50 | 25 | 19.21 | 19.57 | 19.65 |
| Channel | | | | 344000 | 349000 | 354000 |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.00 | 23.07 | 23.17 |
| 15 | | 1 | 77 | 22.95 | 23.33 | 23.05 |
| 15 | | 36 | 18 | 22.85 | 23.13 | 23.11 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.84 | 22.92 | 23.08 |
| 15 | | 1 | 77 | 22.74 | 23.28 | 23.06 |
| 15 | | 36 | 18 | 22.92 | 23.05 | 23.09 |
| 15 | DFT-s-OFDM 16QAM | 1 | 1 | 23.02 | 22.97 | 23.24 |
| 15 | | 1 | 77 | 22.88 | 23.25 | 23.11 |
| 15 | | 36 | 18 | 22.81 | 23.07 | 23.13 |
| 15 | DFT-s-OFDM 64QAM | 1 | 1 | 21.36 | 21.39 | 21.57 |
| 15 | | 1 | 77 | 21.15 | 21.64 | 21.51 |
| 15 | | 36 | 18 | 21.40 | 21.65 | 21.70 |
| 15 | DFT-s-OFDM 256QAM | 1 | 1 | 18.99 | 19.14 | 19.39 |
| 15 | | 1 | 77 | 18.98 | 19.45 | 19.26 |
| 15 | | 36 | 18 | 19.30 | 19.49 | 19.58 |



| Channel | | | | 343000 | 349000 | 355000 |
|-----------------|-------------------------|----|----|--------|--------|--------|
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.78 | 22.80 | 22.95 |
| 10 | | 1 | 50 | 22.76 | 23.03 | 22.90 |
| 10 | | 25 | 12 | 22.86 | 23.03 | 23.06 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.78 | 22.86 | 22.89 |
| 10 | | 1 | 50 | 22.78 | 22.96 | 22.84 |
| 10 | | 25 | 12 | 22.82 | 23.05 | 23.08 |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | 22.88 | 23.01 | 23.12 |
| 10 | | 1 | 50 | 22.91 | 23.22 | 23.04 |
| 10 | | 25 | 12 | 22.86 | 22.91 | 23.07 |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | 21.22 | 21.36 | 21.41 |
| 10 | | 1 | 50 | 21.19 | 21.50 | 21.41 |
| 10 | | 25 | 12 | 21.30 | 21.42 | 21.46 |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | 19.00 | 19.07 | 19.19 |
| 10 | | 1 | 50 | 18.93 | 19.27 | 19.03 |
| 10 | | 25 | 12 | 19.34 | 19.46 | 19.49 |
| Channel | | | | 342500 | 34900 | 355500 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.75 | 22.94 | 22.89 |
| 5 | | 1 | 23 | 22.80 | 22.91 | 22.97 |
| 5 | | 12 | 6 | 22.90 | 23.01 | 23.08 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 22.79 | 22.83 | 22.85 |
| 5 | | 1 | 23 | 22.80 | 23.00 | 22.94 |
| 5 | | 12 | 6 | 22.83 | 23.00 | 23.00 |
| 5 | DFT-s-OFDM 16QAM | 1 | 1 | 22.83 | 22.99 | 23.08 |
| 5 | | 1 | 23 | 22.82 | 23.07 | 22.94 |
| 5 | | 12 | 6 | 22.76 | 22.88 | 22.83 |
| 5 | DFT-s-OFDM 64QAM | 1 | 1 | 21.19 | 21.25 | 21.35 |
| 5 | | 1 | 23 | 21.25 | 21.52 | 21.34 |
| 5 | | 12 | 6 | 21.45 | 21.57 | 21.61 |
| 5 | DFT-s-OFDM 256QAM | 1 | 1 | 18.96 | 19.13 | 19.08 |
| 5 | | 1 | 23 | 18.96 | 19.17 | 19.16 |
| 5 | | 12 | 6 | 19.35 | 19.51 | 19.45 |



EN-DC_5A-N66

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|----------------|---------|-----------|-------------|----------------|--------------|
| Channel | | | | 346000 | 349000 | 352000 |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 |
| 20 | CP-OFDM QPSK | 1 | 1 | 22.54 | 22.58 | 23.03 |
| 20 | | 1 | 104 | 22.49 | 22.73 | 22.45 |
| 20 | | 53 | 26 | 22.31 | 22.55 | 22.72 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 22.01 | 21.78 | 22.25 |
| 20 | | 1 | 104 | 21.87 | 22.28 | 21.90 |
| 20 | | 53 | 26 | 21.80 | 22.08 | 22.20 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 20.43 | 20.38 | 20.62 |
| 20 | | 1 | 104 | 20.28 | 20.80 | 20.60 |
| 20 | | 53 | 26 | 20.36 | 20.63 | 20.76 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 17.13 | 17.09 | 17.46 |
| 20 | | 1 | 104 | 17.01 | 17.37 | 17.22 |
| 20 | | 53 | 26 | 17.31 | 17.59 | 17.63 |
| Channel | | | | 344000 | 349000 | 354000 |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 |
| 15 | CP-OFDM QPSK | 1 | 1 | 22.39 | 22.35 | 22.81 |
| 15 | | 1 | 77 | 22.11 | 22.78 | 22.44 |
| 15 | | 39 | 19 | 20.96 | 21.05 | 21.22 |
| 15 | CP-OFDM 16QAM | 1 | 1 | 22.02 | 22.05 | 22.30 |
| 15 | | 1 | 77 | 21.72 | 22.19 | 21.87 |
| 15 | | 39 | 19 | 20.97 | 21.08 | 21.23 |
| 15 | CP-OFDM 64QAM | 1 | 1 | 20.35 | 20.36 | 20.55 |
| 15 | | 1 | 77 | 20.24 | 20.74 | 20.38 |
| 15 | | 39 | 19 | 20.42 | 20.59 | 20.65 |
| 15 | CP-OFDM 256QAM | 1 | 1 | 17.13 | 17.12 | 17.35 |
| 15 | | 1 | 77 | 435000.00 | 17.39 | 17.31 |
| 15 | | 39 | 19 | 17.37 | 17.50 | 17.66 |
| Channel | | | | 343000 | 349000 | 355000 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 10 | CP-OFDM QPSK | 1 | 1 | 22.29 | 22.56 | 22.70 |
| 10 | | 1 | 50 | 22.40 | 22.75 | 22.34 |
| 10 | | 26 | 13 | 22.39 | 22.60 | 22.52 |
| 10 | CP-OFDM | 1 | 1 | 21.91 | 21.96 | 22.12 |



| | | | | | | |
|-----------------|-------------------|----|----|--------|-------|--------|
| 10 | 16QAM | 1 | 50 | 21.80 | 22.06 | 21.96 |
| 10 | | 26 | 13 | 21.83 | 22.02 | 22.05 |
| 10 | CP-OFDM 64QAM | 1 | 1 | 20.30 | 20.35 | 20.58 |
| 10 | | 1 | 50 | 20.26 | 20.52 | 20.49 |
| 10 | | 26 | 13 | 20.37 | 20.53 | 20.54 |
| 10 | CP-OFDM 256QAM | 1 | 1 | 16.98 | 17.02 | 17.22 |
| 10 | | 1 | 50 | 16.96 | 17.35 | 17.16 |
| 10 | | 26 | 13 | 17.34 | 17.51 | 17.47 |
| Channel | | | | 342500 | 34900 | 355500 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 5 | CP-OFDM QPSK | 1 | 1 | 22.54 | 22.63 | 22.60 |
| 5 | | 1 | 23 | 22.40 | 22.38 | 22.53 |
| 5 | | 13 | 6 | 22.29 | 22.44 | 22.38 |
| 5 | CP-OFDM 16QAM | 1 | 1 | 21.99 | 22.04 | 22.08 |
| 5 | | 1 | 23 | 21.71 | 21.97 | 21.92 |
| 5 | | 13 | 6 | 21.78 | 21.89 | 21.93 |
| 5 | CP-OFDM 64QAM | 1 | 1 | 20.29 | 20.30 | 20.43 |
| 5 | | 1 | 23 | 20.15 | 20.33 | 20.29 |
| 5 | | 13 | 6 | 20.40 | 20.60 | 20.53 |
| 5 | CP-OFDM 256QAM | 1 | 1 | 16.96 | 17.13 | 17.21 |
| 5 | | 1 | 23 | 16.98 | 17.14 | 17.07 |
| 5 | | 13 | 6 | 17.41 | 17.54 | 17.50 |



EN-DC_7A-N66

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel | | | | 346000 | 349000 | 352000 |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.99 | 22.84 | 23.21 |
| 20 | | 1 | 104 | 22.95 | 23.41 | 23.06 |
| 20 | | 50 | 25 | 22.72 | 23.06 | 23.18 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.96 | 22.75 | 23.13 |
| 20 | | 1 | 104 | 22.89 | 23.25 | 22.96 |
| 20 | | 50 | 25 | 22.90 | 23.15 | 23.19 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 23.04 | 22.93 | 23.38 |
| 20 | | 1 | 104 | 23.01 | 23.30 | 23.14 |
| 20 | | 50 | 25 | 22.87 | 23.12 | 23.18 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 21.41 | 21.25 | 21.68 |
| 20 | | 1 | 104 | 21.33 | 21.73 | 21.54 |
| 20 | | 50 | 25 | 21.33 | 21.69 | 21.72 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 19.19 | 19.03 | 19.42 |
| 20 | | 1 | 104 | 18.97 | 19.42 | 19.25 |
| 20 | | 50 | 25 | 19.31 | 19.55 | 19.69 |
| Channel | | | | 344000 | 349000 | 354000 |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.99 | 22.95 | 23.14 |
| 15 | | 1 | 77 | 22.83 | 23.32 | 23.18 |
| 15 | | 36 | 18 | 22.92 | 23.13 | 23.07 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.99 | 22.86 | 23.12 |
| 15 | | 1 | 77 | 22.83 | 23.26 | 23.10 |
| 15 | | 36 | 18 | 22.89 | 23.10 | 23.21 |
| 15 | DFT-s-OFDM 16QAM | 1 | 1 | 22.92 | 23.04 | 23.26 |
| 15 | | 1 | 77 | 22.89 | 23.31 | 23.11 |
| 15 | | 36 | 18 | 22.90 | 23.13 | 23.12 |
| 15 | DFT-s-OFDM 64QAM | 1 | 1 | 21.33 | 21.43 | 21.64 |
| 15 | | 1 | 77 | 21.23 | 21.73 | 21.51 |
| 15 | | 36 | 18 | 21.45 | 21.59 | 21.65 |
| 15 | DFT-s-OFDM 256QAM | 1 | 1 | 18.94 | 19.12 | 19.35 |
| 15 | | 1 | 77 | 18.79 | 19.42 | 19.30 |
| 15 | | 36 | 18 | 19.35 | 19.54 | 19.68 |



| Channel | | | | 343000 | 349000 | 355000 |
|-----------------|-------------------------|----|----|--------|--------|--------|
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.83 | 23.02 | 23.10 |
| 10 | | 1 | 50 | 22.72 | 23.10 | 23.07 |
| 10 | | 25 | 12 | 22.82 | 23.18 | 23.09 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.77 | 22.84 | 23.05 |
| 10 | | 1 | 50 | 22.70 | 23.06 | 22.81 |
| 10 | | 25 | 12 | 22.88 | 23.05 | 23.09 |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | 22.98 | 22.95 | 23.07 |
| 10 | | 1 | 50 | 22.84 | 23.07 | 23.02 |
| 10 | | 25 | 12 | 22.81 | 22.97 | 22.94 |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | 21.20 | 21.31 | 21.41 |
| 10 | | 1 | 50 | 21.20 | 21.45 | 21.40 |
| 10 | | 25 | 12 | 21.31 | 21.48 | 21.47 |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | 19.04 | 19.02 | 19.18 |
| 10 | | 1 | 50 | 18.90 | 19.23 | 19.03 |
| 10 | | 25 | 12 | 19.27 | 19.51 | 19.51 |
| Channel | | | | 342500 | 34900 | 355500 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.88 | 22.89 | 22.90 |
| 5 | | 1 | 23 | 22.81 | 22.96 | 22.88 |
| 5 | | 12 | 6 | 22.82 | 23.03 | 23.13 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 22.81 | 22.85 | 22.93 |
| 5 | | 1 | 23 | 22.71 | 22.92 | 22.81 |
| 5 | | 12 | 6 | 22.93 | 23.02 | 23.07 |
| 5 | DFT-s-OFDM 16QAM | 1 | 1 | 22.93 | 23.01 | 23.05 |
| 5 | | 1 | 23 | 22.84 | 23.08 | 23.01 |
| 5 | | 12 | 6 | 22.96 | 22.88 | 23.01 |
| 5 | DFT-s-OFDM 64QAM | 1 | 1 | 21.21 | 21.37 | 21.39 |
| 5 | | 1 | 23 | 21.29 | 21.50 | 21.40 |
| 5 | | 12 | 6 | 21.49 | 21.67 | 21.66 |
| 5 | DFT-s-OFDM 256QAM | 1 | 1 | 19.07 | 19.00 | 19.20 |
| 5 | | 1 | 23 | 19.05 | 19.10 | 19.04 |
| 5 | | 12 | 6 | 19.34 | 19.53 | 19.48 |



EN-DC_7A-N66

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| Channel | | | | 346000 | 349000 | 352000 |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 |
| 20 | CP-OFDM QPSK | 1 | 1 | 22.66 | 22.56 | 22.92 |
| 20 | | 1 | 104 | 22.53 | 22.66 | 22.40 |
| 20 | | 53 | 26 | 22.27 | 22.60 | 22.67 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 22.14 | 21.88 | 22.29 |
| 20 | | 1 | 104 | 21.98 | 22.22 | 21.80 |
| 20 | | 53 | 26 | 21.80 | 22.06 | 22.22 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 20.56 | 20.39 | 20.69 |
| 20 | | 1 | 104 | 20.43 | 20.68 | 20.64 |
| 20 | | 53 | 26 | 20.34 | 20.63 | 20.71 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 17.22 | 17.02 | 17.39 |
| 20 | | 1 | 104 | 16.99 | 17.40 | 17.25 |
| 20 | | 53 | 26 | 17.30 | 17.64 | 17.67 |
| Channel | | | | 344000 | 349000 | 354000 |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 |
| 15 | CP-OFDM QPSK | 1 | 1 | 22.53 | 22.58 | 22.63 |
| 15 | | 1 | 77 | 22.33 | 22.59 | 22.32 |
| 15 | | 39 | 19 | 20.92 | 21.08 | 21.27 |
| 15 | CP-OFDM 16QAM | 1 | 1 | 22.07 | 22.07 | 22.24 |
| 15 | | 1 | 77 | 21.77 | 22.24 | 21.75 |
| 15 | | 39 | 19 | 21.04 | 21.10 | 21.29 |
| 15 | CP-OFDM 64QAM | 1 | 1 | 20.41 | 20.39 | 20.60 |
| 15 | | 1 | 77 | 20.21 | 20.66 | 20.48 |
| 15 | | 39 | 19 | 20.38 | 20.52 | 20.62 |
| 15 | CP-OFDM 256QAM | 1 | 1 | 17.11 | 17.16 | 17.44 |
| 15 | | 1 | 77 | 16.96 | 17.51 | 17.30 |
| 15 | | 39 | 19 | 17.43 | 17.53 | 17.65 |
| Channel | | | | 343000 | 349000 | 355000 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 10 | CP-OFDM QPSK | 1 | 1 | 22.52 | 22.32 | 22.51 |
| 10 | | 1 | 50 | 22.15 | 22.78 | 22.50 |
| 10 | | 26 | 13 | 22.30 | 22.57 | 22.63 |
| 10 | CP-OFDM | 1 | 1 | 21.95 | 21.91 | 22.24 |



| | | | | | | |
|-----------------|-------------------|----|----|--------|-------|--------|
| 10 | 16QAM | 1 | 50 | 21.85 | 22.20 | 21.93 |
| 10 | | 26 | 13 | 21.85 | 22.06 | 22.07 |
| 10 | CP-OFDM 64QAM | 1 | 1 | 20.34 | 20.39 | 20.60 |
| 10 | | 1 | 50 | 20.20 | 20.59 | 20.52 |
| 10 | | 26 | 13 | 20.38 | 20.54 | 20.54 |
| 10 | CP-OFDM 256QAM | 1 | 1 | 17.00 | 16.95 | 17.19 |
| 10 | | 1 | 50 | 16.97 | 17.26 | 17.13 |
| 10 | | 26 | 13 | 17.31 | 17.57 | 17.53 |
| Channel | | | | 342500 | 34900 | 355500 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 5 | CP-OFDM QPSK | 1 | 1 | 22.30 | 22.33 | 22.45 |
| 5 | | 1 | 23 | 22.13 | 22.67 | 22.34 |
| 5 | | 13 | 6 | 22.32 | 22.46 | 22.49 |
| 5 | CP-OFDM 16QAM | 1 | 1 | 22.01 | 22.03 | 22.04 |
| 5 | | 1 | 23 | 21.76 | 21.97 | 21.93 |
| 5 | | 13 | 6 | 21.80 | 22.01 | 21.92 |
| 5 | CP-OFDM 64QAM | 1 | 1 | 20.38 | 20.41 | 20.48 |
| 5 | | 1 | 23 | 20.18 | 20.42 | 20.40 |
| 5 | | 13 | 6 | 20.33 | 20.53 | 20.62 |
| 5 | CP-OFDM 256QAM | 1 | 1 | 16.99 | 17.18 | 17.19 |
| 5 | | 1 | 23 | 16.92 | 17.19 | 17.06 |
| 5 | | 13 | 6 | 17.43 | 17.60 | 17.58 |



EN-DC_12A-N66

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel | | | | 346000 | 349000 | 352000 |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.90 | 22.94 | 22.95 |
| 20 | | 1 | 104 | 22.82 | 23.15 | 22.72 |
| 20 | | 50 | 25 | 22.78 | 23.12 | 22.76 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.79 | 22.67 | 22.90 |
| 20 | | 1 | 104 | 22.82 | 22.97 | 22.53 |
| 20 | | 50 | 25 | 22.86 | 22.99 | 22.78 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 23.01 | 22.87 | 23.03 |
| 20 | | 1 | 104 | 22.92 | 23.14 | 22.68 |
| 20 | | 50 | 25 | 22.77 | 22.96 | 22.76 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 21.28 | 21.12 | 21.33 |
| 20 | | 1 | 104 | 21.24 | 21.39 | 21.09 |
| 20 | | 50 | 25 | 21.36 | 21.55 | 21.32 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 18.99 | 18.90 | 19.09 |
| 20 | | 1 | 104 | 18.96 | 19.18 | 18.87 |
| 20 | | 50 | 25 | 19.24 | 19.43 | 19.29 |
| Channel | | | | 344000 | 349000 | 354000 |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.94 | 22.78 | 22.79 |
| 15 | | 1 | 77 | 22.87 | 23.12 | 22.66 |
| 15 | | 36 | 18 | 22.80 | 22.90 | 22.73 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.74 | 22.90 | 22.81 |
| 15 | | 1 | 77 | 22.68 | 23.06 | 22.70 |
| 15 | | 36 | 18 | 22.79 | 22.94 | 22.76 |
| 15 | DFT-s-OFDM 16QAM | 1 | 1 | 22.94 | 22.91 | 22.86 |
| 15 | | 1 | 77 | 22.82 | 23.12 | 22.64 |
| 15 | | 36 | 18 | 22.80 | 22.87 | 22.75 |
| 15 | DFT-s-OFDM 64QAM | 1 | 1 | 21.26 | 21.20 | 21.26 |
| 15 | | 1 | 77 | 21.11 | 21.48 | 21.10 |
| 15 | | 36 | 18 | 21.26 | 21.42 | 21.28 |
| 15 | DFT-s-OFDM 256QAM | 1 | 1 | 18.98 | 19.03 | 18.95 |
| 15 | | 1 | 77 | 18.87 | 19.22 | 18.77 |
| 15 | | 36 | 18 | 19.26 | 19.33 | 19.15 |



| Channel | | | | 343000 | 349000 | 355000 |
|-----------------|-------------------------|----|----|--------|--------|--------|
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.69 | 22.81 | 22.66 |
| 10 | | 1 | 50 | 22.62 | 22.91 | 22.52 |
| 10 | | 25 | 12 | 22.94 | 22.98 | 22.57 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.70 | 22.71 | 22.60 |
| 10 | | 1 | 50 | 22.53 | 22.84 | 22.35 |
| 10 | | 25 | 12 | 22.70 | 22.84 | 22.67 |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | 22.82 | 22.88 | 22.56 |
| 10 | | 1 | 50 | 22.66 | 22.89 | 22.47 |
| 10 | | 25 | 12 | 22.71 | 22.83 | 22.54 |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | 21.13 | 21.15 | 20.97 |
| 10 | | 1 | 50 | 21.01 | 21.17 | 20.85 |
| 10 | | 25 | 12 | 21.19 | 21.24 | 21.00 |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | 18.86 | 18.84 | 18.74 |
| 10 | | 1 | 50 | 18.77 | 19.02 | 18.56 |
| 10 | | 25 | 12 | 19.20 | 19.26 | 19.04 |
| Channel | | | | 342500 | 34900 | 355500 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.61 | 22.74 | 22.35 |
| 5 | | 1 | 23 | 22.61 | 22.79 | 22.31 |
| 5 | | 12 | 6 | 22.85 | 22.67 | 22.42 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 22.71 | 22.68 | 22.44 |
| 5 | | 1 | 23 | 22.50 | 22.72 | 22.30 |
| 5 | | 12 | 6 | 22.71 | 22.79 | 22.46 |
| 5 | DFT-s-OFDM 16QAM | 1 | 1 | 22.78 | 22.81 | 22.50 |
| 5 | | 1 | 23 | 22.77 | 22.74 | 22.44 |
| 5 | | 12 | 6 | 22.78 | 22.62 | 22.43 |
| 5 | DFT-s-OFDM 64QAM | 1 | 1 | 21.05 | 21.06 | 20.80 |
| 5 | | 1 | 23 | 21.11 | 21.15 | 20.87 |
| 5 | | 12 | 6 | 21.30 | 21.29 | 21.05 |
| 5 | DFT-s-OFDM 256QAM | 1 | 1 | 18.84 | 18.85 | 18.57 |
| 5 | | 1 | 23 | 18.81 | 18.91 | 18.57 |
| 5 | | 12 | 6 | 19.18 | 19.25 | 18.97 |



EN-DC_12A-N66

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| Channel | | | | 346000 | 349000 | 352000 |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 |
| 20 | CP-OFDM QPSK | 1 | 1 | 22.52 | 22.23 | 22.70 |
| 20 | | 1 | 104 | 22.18 | 22.59 | 22.02 |
| 20 | | 53 | 26 | 22.25 | 22.46 | 22.30 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 22.01 | 21.83 | 21.99 |
| 20 | | 1 | 104 | 21.83 | 22.05 | 21.46 |
| 20 | | 53 | 26 | 21.81 | 21.92 | 21.76 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 20.28 | 20.37 | 20.38 |
| 20 | | 1 | 104 | 20.14 | 20.56 | 20.18 |
| 20 | | 53 | 26 | 20.29 | 20.58 | 20.31 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 17.05 | 16.95 | 17.06 |
| 20 | | 1 | 104 | 16.94 | 17.16 | 16.80 |
| 20 | | 53 | 26 | 17.27 | 17.49 | 17.26 |
| Channel | | | | 344000 | 349000 | 354000 |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 |
| 15 | CP-OFDM QPSK | 1 | 1 | 22.32 | 22.23 | 22.24 |
| 15 | | 1 | 77 | 21.96 | 22.22 | 21.91 |
| 15 | | 39 | 191 | 20.83 | 20.93 | 20.85 |
| 15 | CP-OFDM 16QAM | 1 | 1 | 21.89 | 21.92 | 21.91 |
| 15 | | 1 | 77 | 21.68 | 21.94 | 21.43 |
| 15 | | 39 | 191 | 20.94 | 21.01 | 20.79 |
| 15 | CP-OFDM 64QAM | 1 | 1 | 20.31 | 20.32 | 20.26 |
| 15 | | 1 | 77 | 20.08 | 20.27 | 20.04 |
| 15 | | 39 | 191 | 20.38 | 20.43 | 20.23 |
| 15 | CP-OFDM 256QAM | 1 | 1 | 17.02 | 17.01 | 16.95 |
| 15 | | 1 | 77 | 16.89 | 17.17 | 16.76 |
| 15 | | 39 | 191 | 17.25 | 17.37 | 17.26 |
| Channel | | | | 343000 | 349000 | 355000 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 10 | CP-OFDM QPSK | 1 | 1 | 22.19 | 22.18 | 22.29 |
| 10 | | 1 | 50 | 22.31 | 22.54 | 21.84 |
| 10 | | 26 | 13 | 22.26 | 22.36 | 22.06 |
| 10 | CP-OFDM | 1 | 1 | 21.79 | 21.80 | 21.71 |



| | | | | | | |
|-----------------|-------------------|----|----|--------|-------|--------|
| 10 | 16QAM | 1 | 50 | 21.65 | 21.84 | 21.54 |
| 10 | | 26 | 13 | 21.69 | 21.81 | 21.60 |
| 10 | CP-OFDM 64QAM | 1 | 1 | 20.28 | 20.21 | 20.13 |
| 10 | | 1 | 50 | 20.12 | 20.33 | 19.93 |
| 10 | | 26 | 13 | 20.24 | 20.30 | 20.06 |
| 10 | CP-OFDM 256QAM | 1 | 1 | 16.93 | 16.95 | 16.81 |
| 10 | | 1 | 50 | 16.83 | 17.01 | 16.73 |
| 10 | | 26 | 13 | 17.22 | 17.27 | 17.07 |
| Channel | | | | 342500 | 34900 | 355500 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 5 | CP-OFDM QPSK | 1 | 1 | 22.07 | 22.41 | 22.35 |
| 5 | | 1 | 23 | 21.70 | 22.07 | 21.99 |
| 5 | | 13 | 6 | 21.89 | 22.17 | 22.15 |
| 5 | CP-OFDM 16QAM | 1 | 1 | 21.47 | 21.82 | 21.86 |
| 5 | | 1 | 23 | 21.38 | 21.87 | 21.68 |
| 5 | | 13 | 6 | 21.32 | 21.71 | 21.60 |
| 5 | CP-OFDM 64QAM | 1 | 1 | 19.98 | 20.18 | 20.16 |
| 5 | | 1 | 23 | 19.73 | 20.21 | 20.01 |
| 5 | | 13 | 6 | 20.00 | 20.32 | 20.13 |
| 5 | CP-OFDM 256QAM | 1 | 1 | 16.59 | 16.84 | 16.82 |
| 5 | | 1 | 23 | 16.51 | 16.88 | 16.79 |
| 5 | | 13 | 6 | 16.98 | 17.38 | 17.23 |



EN-DC_13A-N66

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel | | | | 346000 | 349000 | 352000 |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.94 | 22.86 | 23.03 |
| 20 | | 1 | 104 | 23.08 | 23.10 | 22.85 |
| 20 | | 50 | 25 | 23.02 | 23.09 | 23.06 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.81 | 22.77 | 23.06 |
| 20 | | 1 | 104 | 22.80 | 23.07 | 22.80 |
| 20 | | 50 | 25 | 22.80 | 23.07 | 22.96 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 22.92 | 22.91 | 23.12 |
| 20 | | 1 | 104 | 22.96 | 23.27 | 22.94 |
| 20 | | 50 | 25 | 22.88 | 23.05 | 22.89 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 21.32 | 21.24 | 21.55 |
| 20 | | 1 | 104 | 21.36 | 21.60 | 21.27 |
| 20 | | 50 | 25 | 21.30 | 21.62 | 21.44 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 19.06 | 19.03 | 19.19 |
| 20 | | 1 | 104 | 19.06 | 19.33 | 18.97 |
| 20 | | 50 | 25 | 19.26 | 19.54 | 19.50 |
| Channel | | | | 344000 | 349000 | 354000 |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.96 | 22.84 | 23.03 |
| 15 | | 1 | 77 | 22.88 | 23.13 | 22.84 |
| 15 | | 36 | 18 | 22.83 | 22.95 | 22.80 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.72 | 22.82 | 22.75 |
| 15 | | 1 | 77 | 22.63 | 22.92 | 22.78 |
| 15 | | 36 | 18 | 22.84 | 22.99 | 22.89 |
| 15 | DFT-s-OFDM 16QAM | 1 | 1 | 22.93 | 22.91 | 22.93 |
| 15 | | 1 | 77 | 22.87 | 23.14 | 22.85 |
| 15 | | 36 | 18 | 22.84 | 22.96 | 22.90 |
| 15 | DFT-s-OFDM 64QAM | 1 | 1 | 21.27 | 21.32 | 21.33 |
| 15 | | 1 | 77 | 21.12 | 21.45 | 21.19 |
| 15 | | 36 | 18 | 21.42 | 21.52 | 21.37 |
| 15 | DFT-s-OFDM 256QAM | 1 | 1 | 18.96 | 19.08 | 19.01 |
| 15 | | 1 | 77 | 18.93 | 19.25 | 18.89 |
| 15 | | 36 | 18 | 19.23 | 19.46 | 19.25 |



| Channel | | | | 343000 | 349000 | 355000 |
|-----------------|-------------------------|----|----|--------|--------|--------|
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.88 | 22.79 | 22.60 |
| 10 | | 1 | 50 | 22.76 | 23.05 | 22.51 |
| 10 | | 25 | 12 | 22.99 | 22.94 | 22.64 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.69 | 22.64 | 22.66 |
| 10 | | 1 | 50 | 22.66 | 22.77 | 22.55 |
| 10 | | 25 | 12 | 22.94 | 23.01 | 22.81 |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | 22.80 | 22.96 | 22.75 |
| 10 | | 1 | 50 | 22.79 | 23.02 | 22.63 |
| 10 | | 25 | 12 | 22.78 | 22.85 | 22.75 |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | 21.11 | 21.24 | 21.07 |
| 10 | | 1 | 50 | 21.05 | 21.39 | 20.95 |
| 10 | | 25 | 12 | 21.18 | 21.31 | 21.12 |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | 18.82 | 18.95 | 18.88 |
| 10 | | 1 | 50 | 18.83 | 19.07 | 18.80 |
| 10 | | 25 | 12 | 19.16 | 19.38 | 19.11 |
| Channel | | | | 342500 | 34900 | 355500 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.83 | 22.72 | 22.75 |
| 5 | | 1 | 23 | 22.71 | 22.98 | 22.75 |
| 5 | | 12 | 6 | 22.77 | 23.07 | 22.64 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 22.75 | 22.74 | 22.57 |
| 5 | | 1 | 23 | 22.63 | 22.80 | 22.63 |
| 5 | | 12 | 6 | 22.75 | 22.97 | 22.70 |
| 5 | DFT-s-OFDM 16QAM | 1 | 1 | 22.92 | 22.86 | 22.88 |
| 5 | | 1 | 23 | 22.80 | 22.93 | 22.73 |
| 5 | | 12 | 6 | 22.69 | 22.70 | 22.67 |
| 5 | DFT-s-OFDM 64QAM | 1 | 1 | 21.21 | 21.22 | 21.11 |
| 5 | | 1 | 23 | 21.23 | 21.31 | 21.14 |
| 5 | | 12 | 6 | 21.44 | 21.47 | 21.29 |
| 5 | DFT-s-OFDM 256QAM | 1 | 1 | 18.96 | 18.94 | 18.88 |
| 5 | | 1 | 23 | 18.90 | 19.12 | 18.82 |
| 5 | | 12 | 6 | 19.32 | 19.37 | 19.19 |



EN-DC_13A-N66

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| Channel | | | | 346000 | 349000 | 352000 |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 |
| 20 | CP-OFDM QPSK | 1 | 1 | 22.63 | 22.29 | 22.81 |
| 20 | | 1 | 104 | 22.31 | 22.61 | 22.16 |
| 20 | | 53 | 16 | 22.28 | 22.53 | 22.40 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 22.05 | 22.05 | 22.04 |
| 20 | | 1 | 104 | 21.95 | 22.11 | 21.64 |
| 20 | | 53 | 16 | 21.87 | 22.07 | 22.00 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 20.49 | 20.43 | 20.52 |
| 20 | | 1 | 104 | 20.26 | 20.77 | 20.27 |
| 20 | | 53 | 16 | 20.29 | 20.65 | 20.55 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 17.18 | 17.09 | 17.22 |
| 20 | | 1 | 104 | 17.09 | 17.27 | 17.01 |
| 20 | | 53 | 16 | 17.37 | 17.58 | 17.45 |
| Channel | | | | 344000 | 349000 | 354000 |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 |
| 15 | CP-OFDM QPSK | 1 | 1 | 22.38 | 22.48 | 22.29 |
| 15 | | 1 | 77 | 22.11 | 22.44 | 22.06 |
| 15 | | 39 | 191 | 20.92 | 21.00 | 20.94 |
| 15 | CP-OFDM 16QAM | 1 | 1 | 21.96 | 22.00 | 21.97 |
| 15 | | 1 | 77 | 21.75 | 21.99 | 21.67 |
| 15 | | 39 | 191 | 20.95 | 21.03 | 20.98 |
| 15 | CP-OFDM 64QAM | 1 | 1 | 20.36 | 20.30 | 20.31 |
| 15 | | 1 | 77 | 20.16 | 20.51 | 20.15 |
| 15 | | 39 | 191 | 20.36 | 20.46 | 20.30 |
| 15 | CP-OFDM 256QAM | 1 | 1 | 17.01 | 17.10 | 17.02 |
| 15 | | 1 | 77 | 16.96 | 17.21 | 16.87 |
| 15 | | 39 | 191 | 17.32 | 17.47 | 17.35 |
| Channel | | | | 343000 | 349000 | 355000 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 10 | CP-OFDM QPSK | 1 | 1 | 22.23 | 22.52 | 22.40 |
| 10 | | 1 | 50 | 22.10 | 22.34 | 22.28 |
| 10 | | 26 | 13 | 22.35 | 22.47 | 22.21 |
| 10 | CP-OFDM | 1 | 1 | 21.87 | 21.86 | 21.85 |



| | | | | | | |
|-----------------|-------------------|----|----|--------|-------|--------|
| 10 | 16QAM | 1 | 50 | 21.77 | 22.08 | 21.71 |
| 10 | | 26 | 13 | 21.71 | 21.94 | 21.74 |
| 10 | CP-OFDM 64QAM | 1 | 1 | 20.27 | 20.26 | 20.27 |
| 10 | | 1 | 50 | 20.19 | 20.34 | 20.17 |
| 10 | | 26 | 13 | 20.33 | 20.43 | 20.23 |
| 10 | CP-OFDM 256QAM | 1 | 1 | 16.88 | 16.94 | 16.90 |
| 10 | | 1 | 50 | 16.94 | 17.14 | 16.85 |
| 10 | | 26 | 13 | 17.18 | 17.40 | 17.17 |
| Channel | | | | 342500 | 34900 | 355500 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 5 | CP-OFDM QPSK | 1 | 1 | 22.26 | 22.42 | 22.08 |
| 5 | | 1 | 23 | 22.49 | 22.21 | 22.34 |
| 5 | | 13 | 6 | 22.24 | 22.30 | 22.16 |
| 5 | CP-OFDM 16QAM | 1 | 1 | 21.96 | 21.82 | 21.74 |
| 5 | | 1 | 23 | 21.68 | 21.99 | 21.62 |
| 5 | | 13 | 6 | 21.71 | 21.72 | 21.63 |
| 5 | CP-OFDM 64QAM | 1 | 1 | 20.25 | 20.29 | 20.22 |
| 5 | | 1 | 23 | 20.13 | 20.22 | 20.10 |
| 5 | | 13 | 6 | 20.39 | 20.34 | 20.22 |
| 5 | CP-OFDM 256QAM | 1 | 1 | 16.90 | 16.92 | 16.97 |
| 5 | | 1 | 23 | 16.86 | 16.97 | 16.83 |
| 5 | | 13 | 6 | 17.33 | 17.33 | 17.29 |

EN-DC_30A-N66

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel | | | | 346000 | 349000 | 352000 |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.18 | 23.05 | 23.27 |
| 20 | | 1 | 104 | 23.06 | 23.29 | 22.98 |
| 20 | | 50 | 25 | 22.94 | 23.20 | 22.99 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.06 | 22.99 | 23.12 |
| 20 | | 1 | 104 | 22.92 | 23.13 | 22.80 |
| 20 | | 50 | 25 | 22.94 | 23.18 | 23.07 |



| | | | | | | |
|-----------------|-------------------------|----|-----|--------|--------|--------|
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 23.09 | 23.03 | 23.16 |
| 20 | | 1 | 104 | 22.97 | 23.25 | 23.01 |
| 20 | | 50 | 25 | 22.93 | 23.05 | 22.99 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 21.42 | 21.77 | 21.57 |
| 20 | | 1 | 104 | 21.41 | 21.66 | 21.43 |
| 20 | | 50 | 25 | 21.46 | 21.65 | 21.52 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 19.15 | 19.09 | 19.30 |
| 20 | | 1 | 104 | 19.09 | 19.41 | 19.09 |
| 20 | | 50 | 25 | 19.35 | 19.59 | 19.52 |
| Channel | | | | 344000 | 349000 | 354000 |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.96 | 22.99 | 23.06 |
| 15 | | 1 | 77 | 22.89 | 23.33 | 23.02 |
| 15 | | 36 | 18 | 23.01 | 23.24 | 22.95 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.00 | 23.13 | 22.99 |
| 15 | | 1 | 77 | 22.95 | 23.27 | 22.95 |
| 15 | | 36 | 18 | 22.97 | 23.14 | 22.97 |
| 15 | DFT-s-OFDM 16QAM | 1 | 1 | 23.04 | 22.98 | 23.06 |
| 15 | | 1 | 77 | 23.01 | 23.22 | 22.95 |
| 15 | | 36 | 18 | 22.99 | 23.17 | 23.05 |
| 15 | DFT-s-OFDM 64QAM | 1 | 1 | 21.35 | 21.45 | 21.40 |
| 15 | | 1 | 77 | 21.54 | 21.60 | 21.38 |
| 15 | | 36 | 18 | 21.49 | 21.64 | 21.46 |
| 15 | DFT-s-OFDM 256QAM | 1 | 1 | 19.14 | 19.18 | 19.29 |
| 15 | | 1 | 77 | 19.02 | 19.42 | 19.06 |
| 15 | | 36 | 18 | 19.33 | 19.58 | 19.46 |
| Channel | | | | 343000 | 349000 | 355000 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.94 | 22.87 | 23.01 |
| 10 | | 1 | 50 | 22.84 | 23.09 | 22.73 |
| 10 | | 25 | 12 | 23.11 | 23.04 | 22.91 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.87 | 22.79 | 22.89 |
| 10 | | 1 | 50 | 22.77 | 23.07 | 22.66 |
| 10 | | 25 | 12 | 22.95 | 23.07 | 22.85 |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | 22.90 | 22.94 | 22.93 |
| 10 | | 1 | 50 | 22.92 | 23.21 | 22.76 |
| 10 | | 25 | 12 | 22.97 | 23.05 | 22.88 |
| 10 | DFT-s-OFDM | 1 | 1 | 21.30 | 21.32 | 21.25 |



| | | | | | | |
|-----------------|-------------------------|----|----|--------|-------|--------|
| 10 | 64QAM | 1 | 50 | 21.21 | 21.49 | 21.26 |
| 10 | | 25 | 12 | 21.37 | 21.45 | 21.26 |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | 19.05 | 19.10 | 19.06 |
| 10 | | 1 | 50 | 18.99 | 19.19 | 18.91 |
| 10 | | 25 | 12 | 19.34 | 19.53 | 19.38 |
| Channel | | | | 342500 | 34900 | 355500 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.89 | 22.88 | 22.73 |
| 5 | | 1 | 23 | 22.79 | 22.98 | 22.67 |
| 5 | | 12 | 6 | 22.95 | 23.03 | 22.79 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 22.82 | 22.92 | 22.76 |
| 5 | | 1 | 23 | 22.82 | 22.91 | 22.69 |
| 5 | | 12 | 6 | 22.89 | 23.07 | 22.82 |
| 5 | DFT-s-OFDM 16QAM | 1 | 1 | 22.98 | 22.97 | 22.90 |
| 5 | | 1 | 23 | 22.87 | 23.04 | 22.81 |
| 5 | | 12 | 6 | 22.97 | 22.93 | 22.86 |
| 5 | DFT-s-OFDM 64QAM | 1 | 1 | 21.31 | 21.32 | 21.17 |
| 5 | | 1 | 23 | 21.24 | 21.44 | 21.11 |
| 5 | | 12 | 6 | 21.58 | 21.61 | 21.40 |
| 5 | DFT-s-OFDM 256QAM | 1 | 1 | 19.11 | 19.06 | 18.93 |
| 5 | | 1 | 23 | 19.06 | 19.17 | 18.92 |
| 5 | | 12 | 6 | 19.35 | 19.47 | 19.30 |



EN-DC 30A_N66

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| Channel | | | | 346000 | 349000 | 352000 |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 |
| 20 | CP-OFDM QPSK | 1 | 1 | 22.74 | 22.44 | 22.66 |
| 20 | | 1 | 104 | 22.40 | 22.90 | 22.33 |
| 20 | | 53 | 26 | 22.50 | 22.68 | 22.52 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 22.10 | 22.03 | 22.17 |
| 20 | | 1 | 104 | 22.02 | 22.32 | 21.95 |
| 20 | | 53 | 26 | 21.93 | 22.13 | 22.06 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 20.57 | 20.37 | 20.70 |
| 20 | | 1 | 104 | 20.54 | 20.68 | 20.30 |
| 20 | | 53 | 26 | 20.45 | 20.70 | 20.53 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 17.23 | 17.14 | 17.32 |
| 20 | | 1 | 104 | 17.17 | 17.35 | 17.11 |
| 20 | | 53 | 26 | 17.41 | 17.63 | 17.54 |
| Channel | | | | 344000 | 349000 | 354000 |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 |
| 15 | CP-OFDM QPSK | 1 | 1 | 22.64 | 22.46 | 22.73 |
| 15 | | 1 | 77 | 22.42 | 22.49 | 22.14 |
| 15 | | 39 | 191 | 20.99 | 21.16 | 21.07 |
| 15 | CP-OFDM 16QAM | 1 | 1 | 22.03 | 22.08 | 22.15 |
| 15 | | 1 | 77 | 22.06 | 22.22 | 21.86 |
| 15 | | 39 | 191 | 21.06 | 21.19 | 21.12 |
| 15 | CP-OFDM 64QAM | 1 | 1 | 20.45 | 20.46 | 20.49 |
| 15 | | 1 | 77 | 20.25 | 20.59 | 20.23 |
| 15 | | 39 | 191 | 20.42 | 20.58 | 20.54 |
| 15 | CP-OFDM 256QAM | 1 | 1 | 17.17 | 17.25 | 17.23 |
| 15 | | 1 | 77 | 16.95 | 17.44 | 17.14 |
| 15 | | 39 | 191 | 17.50 | 17.56 | 17.54 |
| Channel | | | | 343000 | 349000 | 355000 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 10 | CP-OFDM QPSK | 1 | 1 | 22.57 | 22.61 | 22.28 |
| 10 | | 1 | 50 | 22.47 | 22.78 | 22.21 |
| 10 | | 26 | 13 | 22.36 | 22.52 | 22.36 |
| 10 | CP-OFDM | 1 | 1 | 22.11 | 22.03 | 22.02 |



| | | | | | | |
|-----------------|-------------------|----|----|--------|-------|--------|
| 10 | 16QAM | 1 | 50 | 21.83 | 22.10 | 21.83 |
| 10 | | 26 | 13 | 21.83 | 22.03 | 21.87 |
| 10 | CP-OFDM 64QAM | 1 | 1 | 20.38 | 20.38 | 20.37 |
| 10 | | 1 | 50 | 20.34 | 20.58 | 20.22 |
| 10 | | 26 | 13 | 20.44 | 20.57 | 20.43 |
| 10 | CP-OFDM 256QAM | 1 | 1 | 17.15 | 17.13 | 17.11 |
| 10 | | 1 | 50 | 17.02 | 17.24 | 17.04 |
| 10 | | 26 | 13 | 17.37 | 17.54 | 17.35 |
| Channel | | | | 342500 | 34900 | 355500 |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 |
| 5 | CP-OFDM QPSK | 1 | 1 | 22.55 | 22.63 | 22.43 |
| 5 | | 1 | 23 | 22.50 | 22.66 | 22.40 |
| 5 | | 13 | 6 | 22.35 | 22.49 | 22.24 |
| 5 | CP-OFDM 16QAM | 1 | 1 | 21.96 | 22.03 | 21.84 |
| 5 | | 1 | 23 | 21.92 | 21.96 | 21.95 |
| 5 | | 13 | 6 | 21.83 | 21.97 | 21.77 |
| 5 | CP-OFDM 64QAM | 1 | 1 | 20.31 | 20.43 | 20.45 |
| 5 | | 1 | 23 | 20.29 | 20.48 | 20.22 |
| 5 | | 13 | 6 | 20.45 | 20.51 | 20.25 |
| 5 | CP-OFDM 256QAM | 1 | 1 | 17.06 | 17.22 | 16.93 |
| 5 | | 1 | 23 | 17.02 | 17.18 | 16.89 |
| 5 | | 13 | 6 | 17.54 | 17.55 | 17.38 |



EN-DC_2A-N71

| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel | | | | 134600 | 136100 | 137600 |
| Frequency (MHz) | | | | 673 | 680.5 | 688 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.92 | 23.80 | 23.84 |
| 20 | | 1 | 104 | 23.59 | 23.44 | 23.34 |
| 20 | | 50 | 25 | 23.80 | 23.90 | 23.58 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.70 | 23.75 | 23.79 |
| 20 | | 1 | 104 | 23.69 | 23.47 | 23.30 |
| 20 | | 50 | 25 | 23.88 | 23.74 | 23.75 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 23.94 | 23.75 | 23.81 |
| 20 | | 1 | 104 | 23.73 | 23.66 | 23.45 |
| 20 | | 50 | 25 | 23.86 | 23.68 | 23.72 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 22.24 | 22.11 | 22.14 |
| 20 | | 1 | 104 | 21.99 | 22.00 | 21.78 |
| 20 | | 50 | 25 | 22.28 | 22.28 | 22.15 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 19.97 | 19.77 | 19.82 |
| 20 | | 1 | 104 | 19.82 | 19.65 | 19.54 |
| 20 | | 50 | 25 | 20.21 | 20.11 | 20.07 |
| Channel | | | | 134100 | 136100 | 138100 |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.01 | 23.69 | 23.31 |
| 15 | | 1 | 77 | 23.71 | 23.77 | 23.60 |
| 15 | | 36 | 18 | 23.70 | 23.82 | 23.68 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.80 | 23.56 | 23.57 |
| 15 | | 1 | 77 | 23.73 | 23.58 | 23.40 |
| 15 | | 36 | 18 | 23.78 | 23.75 | 23.60 |
| 15 | DFT-s-OFDM 16QAM | 1 | 1 | 23.97 | 23.84 | 23.82 |
| 15 | | 1 | 77 | 23.74 | 23.80 | 23.54 |
| 15 | | 36 | 18 | 23.81 | 23.77 | 23.67 |
| 15 | DFT-s-OFDM 64QAM | 1 | 1 | 22.32 | 22.19 | 22.23 |
| 15 | | 1 | 77 | 22.19 | 22.15 | 21.89 |
| 15 | | 36 | 18 | 22.34 | 22.31 | 22.23 |
| 15 | DFT-s-OFDM 256QAM | 1 | 1 | 20.00 | 19.87 | 19.71 |
| 15 | | 1 | 77 | 19.84 | 19.79 | 19.42 |
| 15 | | 36 | 18 | 20.21 | 20.16 | 20.09 |



| Channel | | | | 133600 | 136100 | 133600 |
|-----------------|-------------------------|----|----|--------|--------|--------|
| Frequency (MHz) | | | | 668 | 680.5 | 668 |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.63 | 23.70 | 23.60 |
| 10 | | 1 | 50 | 23.67 | 23.53 | 23.30 |
| 10 | | 25 | 12 | 23.73 | 23.64 | 23.78 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.56 | 23.55 | 23.62 |
| 10 | | 1 | 50 | 23.60 | 23.43 | 23.50 |
| 10 | | 25 | 12 | 23.78 | 23.75 | 23.53 |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | 23.77 | 23.64 | 23.56 |
| 10 | | 1 | 50 | 23.60 | 23.54 | 23.35 |
| 10 | | 25 | 12 | 23.49 | 23.59 | 23.58 |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | 22.09 | 21.97 | 22.27 |
| 10 | | 1 | 50 | 21.95 | 22.00 | 22.07 |
| 10 | | 25 | 12 | 22.14 | 22.02 | 22.05 |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | 19.82 | 19.71 | 19.75 |
| 10 | | 1 | 50 | 19.75 | 19.71 | 19.53 |
| 10 | | 25 | 12 | 20.15 | 20.03 | 19.98 |
| Channel | | | | 133100 | 136100 | 139100 |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.75 | 23.69 | 23.55 |
| 5 | | 1 | 23 | 23.65 | 23.55 | 23.28 |
| 5 | | 12 | 6 | 23.65 | 23.55 | 23.57 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 23.73 | 23.63 | 23.49 |
| 5 | | 1 | 23 | 23.67 | 23.53 | 23.30 |
| 5 | | 12 | 6 | 23.69 | 23.59 | 23.42 |
| 5 | DFT-s-OFDM 16QAM | 1 | 1 | 23.79 | 23.76 | 23.64 |
| 5 | | 1 | 23 | 23.70 | 23.63 | 23.31 |
| 5 | | 12 | 6 | 23.83 | 23.51 | 23.37 |
| 5 | DFT-s-OFDM 64QAM | 1 | 1 | 22.11 | 22.16 | 21.94 |
| 5 | | 1 | 23 | 22.10 | 21.92 | 21.77 |
| 5 | | 12 | 6 | 22.29 | 22.13 | 22.09 |
| 5 | DFT-s-OFDM 256QAM | 1 | 1 | 19.91 | 19.80 | 19.70 |
| 5 | | 1 | 23 | 19.79 | 19.77 | 19.94 |
| 5 | | 12 | 6 | 20.23 | 20.11 | 19.42 |



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| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|
| Channel | | | | 134600 | 136100 | 137600 |
| Frequency (MHz) | | | | 673 | 680.5 | 688 |
| 20 | CP-OFDM | 1 | 1 | 23.53 | 23.05 | 23.19 |
| 20 | QPSK | 1 | 104 | 23.30 | 23.25 | 23.03 |
| 20 | | 53 | 26 | 23.32 | 23.13 | 23.20 |
| 20 | CP-OFDM | 1 | 1 | 22.89 | 22.46 | 22.78 |
| 20 | 16QAM | 1 | 104 | 22.63 | 22.63 | 22.32 |
| 20 | | 53 | 26 | 22.79 | 22.77 | 22.67 |
| 20 | CP-OFDM | 1 | 1 | 21.31 | 21.42 | 21.18 |
| 20 | 64QAM | 1 | 104 | 20.97 | 21.14 | 20.76 |
| 20 | | 53 | 26 | 21.33 | 21.32 | 21.18 |
| 20 | CP-OFDM | 1 | 1 | 17.90 | 17.90 | 17.89 |
| 20 | 256QAM | 1 | 104 | 17.73 | 17.70 | 17.57 |
| 20 | | 53 | 26 | 18.26 | 18.20 | 18.10 |
| Channel | | | | 134100 | 136100 | 138100 |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 |
| 15 | CP-OFDM | 1 | 1 | 23.35 | 23.19 | 23.42 |
| 15 | QPSK | 1 | 77 | 23.26 | 23.27 | 23.02 |
| 15 | | 39 | 19 | 21.89 | 21.82 | 21.63 |
| 15 | CP-OFDM | 1 | 1 | 22.89 | 22.94 | 22.67 |
| 15 | 16QAM | 1 | 77 | 22.63 | 22.49 | 22.17 |
| 15 | | 39 | 19 | 21.97 | 21.79 | 21.70 |
| 15 | CP-OFDM | 1 | 1 | 21.32 | 21.27 | 21.06 |
| 15 | 64QAM | 1 | 77 | 21.05 | 20.99 | 20.72 |
| 15 | | 39 | 19 | 21.37 | 21.27 | 21.11 |
| 15 | CP-OFDM | 1 | 1 | 18.07 | 17.85 | 17.90 |
| 15 | 256QAM | 1 | 77 | 17.93 | 17.75 | 17.53 |
| 15 | | 39 | 19 | 18.33 | 18.22 | 18.07 |
| Channel | | | | 133600 | 136100 | 138600 |
| Frequency (MHz) | | | | 668 | 680.5 | 693 |
| 10 | CP-OFDM | 1 | 1 | 23.26 | 22.92 | 23.11 |
| 10 | QPSK | 1 | 50 | 22.90 | 22.97 | 23.11 |
| 10 | | 26 | 13 | 22.95 | 22.96 | 23.04 |
| 10 | CP-OFDM | 1 | 1 | 22.60 | 22.36 | 22.68 |



| | | | | | | |
|-----------------|---------|----|----|--------|--------|--------|
| 10 | 16QAM | 1 | 50 | 22.15 | 22.61 | 22.43 |
| 10 | | 26 | 13 | 22.36 | 22.50 | 22.52 |
| 10 | CP-OFDM | 1 | 1 | 21.05 | 21.18 | 21.07 |
| 10 | 64QAM | 1 | 50 | 20.70 | 20.98 | 20.83 |
| 10 | | 26 | 13 | 20.88 | 21.14 | 21.00 |
| 10 | CP-OFDM | 1 | 1 | 17.71 | 17.95 | 17.80 |
| 10 | 256QAM | 1 | 50 | 17.39 | 17.85 | 17.55 |
| 10 | | 26 | 13 | 17.95 | 18.15 | 17.98 |
| Channel | | | | 133100 | 136100 | 139100 |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 |
| 5 | CP-OFDM | 1 | 1 | 23.04 | 23.44 | 23.26 |
| 5 | QPSK | 1 | 23 | 23.16 | 22.94 | 22.90 |
| 5 | | 13 | 6 | 23.05 | 23.06 | 22.95 |
| 5 | CP-OFDM | 1 | 1 | 22.49 | 22.75 | 22.60 |
| 5 | 16QAM | 1 | 23 | 22.60 | 22.55 | 22.15 |
| 5 | | 13 | 6 | 22.59 | 22.49 | 22.36 |
| 5 | CP-OFDM | 1 | 1 | 20.98 | 21.04 | 21.05 |
| 5 | 64QAM | 1 | 23 | 21.00 | 20.94 | 20.70 |
| 5 | | 13 | 6 | 21.20 | 21.10 | 20.88 |
| 5 | CP-OFDM | 1 | 1 | 18.00 | 17.88 | 17.71 |
| 5 | 256QAM | 1 | 23 | 17.73 | 17.69 | 17.39 |
| 5 | | 13 | 6 | 18.23 | 18.07 | 17.95 |



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| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel | | | | 134600 | 136100 | 137600 |
| Frequency (MHz) | | | | 673 | 680.5 | 688 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.06 | 23.94 | 24.00 |
| 20 | | 1 | 104 | 23.90 | 23.99 | 23.88 |
| 20 | | 50 | 25 | 23.92 | 23.99 | 24.05 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.98 | 23.75 | 23.84 |
| 20 | | 1 | 104 | 24.00 | 23.90 | 23.86 |
| 20 | | 50 | 25 | 23.92 | 24.05 | 24.06 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 24.05 | 23.89 | 24.05 |
| 20 | | 1 | 104 | 24.01 | 24.03 | 23.91 |
| 20 | | 50 | 25 | 23.77 | 23.93 | 24.09 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 22.35 | 22.20 | 22.42 |
| 20 | | 1 | 104 | 22.38 | 22.40 | 22.26 |
| 20 | | 50 | 25 | 22.30 | 22.49 | 22.58 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 20.04 | 19.88 | 20.02 |
| 20 | | 1 | 104 | 20.16 | 20.06 | 19.92 |
| 20 | | 50 | 25 | 20.26 | 20.47 | 20.47 |
| Channel | | | | 134100 | 136100 | 138100 |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.07 | 23.78 | 23.95 |
| 15 | | 1 | 77 | 23.96 | 23.89 | 23.76 |
| 15 | | 36 | 18 | 23.79 | 23.58 | 23.47 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.91 | 23.81 | 23.99 |
| 15 | | 1 | 77 | 23.88 | 23.99 | 23.87 |
| 15 | | 36 | 18 | 23.83 | 24.01 | 23.96 |
| 15 | DFT-s-OFDM 16QAM | 1 | 1 | 24.04 | 23.89 | 24.07 |
| 15 | | 1 | 77 | 23.93 | 24.08 | 23.84 |
| 15 | | 36 | 18 | 23.86 | 23.99 | 24.01 |
| 15 | DFT-s-OFDM 64QAM | 1 | 1 | 22.37 | 22.15 | 22.34 |
| 15 | | 1 | 77 | 22.20 | 22.39 | 22.43 |
| 15 | | 36 | 18 | 22.35 | 22.49 | 22.55 |
| 15 | DFT-s-OFDM 256QAM | 1 | 1 | 20.08 | 19.91 | 20.01 |
| 15 | | 1 | 77 | 20.06 | 20.19 | 19.96 |
| 15 | | 36 | 18 | 20.26 | 20.40 | 20.43 |



| Channel | | | | 133600 | 136100 | 138600 |
|-----------------|-------------------------|----|----|--------|--------|--------|
| Frequency (MHz) | | | | 668 | 680.5 | 693 |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.87 | 23.70 | 24.04 |
| 10 | | 1 | 50 | 23.57 | 24.07 | 23.79 |
| 10 | | 25 | 12 | 23.83 | 23.87 | 24.02 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.78 | 23.72 | 23.97 |
| 10 | | 1 | 50 | 23.58 | 23.82 | 23.74 |
| 10 | | 25 | 12 | 23.84 | 24.07 | 23.96 |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | 23.78 | 23.72 | 24.01 |
| 10 | | 1 | 50 | 23.68 | 24.06 | 23.79 |
| 10 | | 25 | 12 | 23.73 | 23.95 | 23.85 |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | 22.22 | 22.08 | 22.29 |
| 10 | | 1 | 50 | 22.03 | 22.40 | 22.08 |
| 10 | | 25 | 12 | 22.17 | 22.37 | 22.31 |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | 19.84 | 19.77 | 20.03 |
| 10 | | 1 | 50 | 19.65 | 20.14 | 19.81 |
| 10 | | 25 | 12 | 20.23 | 20.41 | 20.32 |
| Channel | | | | 133100 | 136100 | 139100 |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.86 | 23.87 | 24.13 |
| 5 | | 1 | 23 | 23.76 | 23.72 | 23.72 |
| 5 | | 12 | 6 | 23.96 | 23.81 | 23.88 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 23.62 | 23.77 | 23.88 |
| 5 | | 1 | 23 | 23.64 | 23.74 | 23.70 |
| 5 | | 12 | 6 | 23.82 | 23.91 | 23.85 |
| 5 | DFT-s-OFDM 16QAM | 1 | 1 | 23.87 | 23.89 | 23.94 |
| 5 | | 1 | 23 | 23.69 | 23.88 | 23.80 |
| 5 | | 12 | 6 | 23.84 | 23.78 | 23.84 |
| 5 | DFT-s-OFDM 64QAM | 1 | 1 | 22.14 | 22.25 | 22.35 |
| 5 | | 1 | 23 | 22.06 | 22.14 | 22.08 |
| 5 | | 12 | 6 | 22.29 | 22.47 | 22.47 |
| 5 | DFT-s-OFDM 256QAM | 1 | 1 | 19.96 | 19.98 | 20.02 |
| 5 | | 1 | 23 | 19.82 | 19.94 | 19.83 |
| 5 | | 12 | 6 | 20.29 | 20.35 | 20.27 |



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| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|------------|---------|-----------|-------------|----------------|--------------|
| Channel | | | | 134600 | 136100 | 137600 |
| Frequency (MHz) | | | | 673 | 680.5 | 688 |
| 20 | CP-OFDM | 1 | 1 | 23.68 | 23.40 | 23.39 |
| 20 | QPSK | 1 | 104 | 23.35 | 23.50 | 23.38 |
| 20 | | 53 | 26 | 23.34 | 23.44 | 23.46 |
| 20 | CP-OFDM | 1 | 1 | 23.17 | 22.94 | 23.12 |
| 20 | 16QAM | 1 | 104 | 22.97 | 23.00 | 22.88 |
| 20 | | 53 | 26 | 22.88 | 22.96 | 23.00 |
| 20 | CP-OFDM | 1 | 1 | 21.65 | 21.28 | 21.49 |
| 20 | 64QAM | 1 | 104 | 21.49 | 21.45 | 21.34 |
| 20 | | 53 | 26 | 21.41 | 21.45 | 21.51 |
| 20 | CP-OFDM | 1 | 1 | 18.30 | 18.18 | 18.23 |
| 20 | 256QAM | 1 | 104 | 18.34 | 18.29 | 18.17 |
| 20 | | 53 | 26 | 18.55 | 18.69 | 18.64 |
| Channel | | | | 134100 | 136100 | 138100 |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 |
| 15 | CP-OFDM | 1 | 1 | 23.46 | 23.23 | 23.33 |
| 15 | QPSK | 1 | 77 | 23.48 | 23.66 | 23.11 |
| 15 | | 39 | 191 | 22.00 | 21.87 | 22.10 |
| 15 | CP-OFDM | 1 | 1 | 23.06 | 22.91 | 23.03 |
| 15 | 16QAM | 1 | 77 | 22.79 | 22.84 | 22.63 |
| 15 | | 39 | 191 | 21.93 | 21.91 | 22.13 |
| 15 | CP-OFDM | 1 | 1 | 21.46 | 21.27 | 21.39 |
| 15 | 64QAM | 1 | 77 | 21.26 | 21.31 | 21.15 |
| 15 | | 39 | 191 | 21.46 | 21.35 | 21.57 |
| 15 | CP-OFDM | 1 | 1 | 18.38 | 18.17 | 18.40 |
| 15 | 256QAM | 1 | 77 | 18.30 | 18.23 | 18.20 |
| 15 | | 39 | 191 | 18.61 | 18.60 | 18.58 |
| Channel | | | | 133600 | 136100 | 138600 |
| Frequency (MHz) | | | | 668 | 680.5 | 693 |
| 10 | CP-OFDM | 1 | 1 | 23.26 | 23.40 | 23.66 |
| 10 | QPSK | 1 | 50 | 23.37 | 23.40 | 23.20 |
| 10 | | 26 | 13 | 23.33 | 23.46 | 23.38 |
| 10 | CP-OFDM | 1 | 1 | 22.79 | 22.78 | 23.02 |



| | | | | | | |
|-----------------|---------|----|----|--------|--------|-----------|
| 10 | 16QAM | 1 | 50 | 22.74 | 23.09 | 22.83 |
| 10 | | 26 | 13 | 22.71 | 22.93 | 22.94 |
| 10 | CP-OFDM | 1 | 1 | 21.24 | 21.13 | 21.39 |
| 10 | 64QAM | 1 | 50 | 21.16 | 21.37 | 21.29 |
| 10 | | 26 | 13 | 21.29 | 21.44 | 21.38 |
| 10 | CP-OFDM | 1 | 1 | 18.18 | 17.96 | 18.30 |
| 10 | 256QAM | 1 | 50 | 18.05 | 18.22 | 124900.00 |
| 10 | | 26 | 13 | 18.36 | 18.56 | 18.59 |
| Channel | | | | 133100 | 136100 | 139100 |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 |
| 5 | CP-OFDM | 1 | 1 | 23.16 | 23.50 | 23.64 |
| 5 | QPSK | 1 | 23 | 23.34 | 23.46 | 23.03 |
| 5 | | 13 | 6 | 23.18 | 23.36 | 23.21 |
| 5 | CP-OFDM | 1 | 1 | 22.75 | 22.91 | 22.92 |
| 5 | 16QAM | 1 | 23 | 22.85 | 22.63 | 22.53 |
| 5 | | 13 | 6 | 22.64 | 22.70 | 22.66 |
| 5 | CP-OFDM | 1 | 1 | 21.26 | 21.30 | 21.44 |
| 5 | 64QAM | 1 | 23 | 21.04 | 21.05 | 21.13 |
| 5 | | 13 | 6 | 21.26 | 21.38 | 21.33 |
| 5 | CP-OFDM | 1 | 1 | 18.16 | 18.19 | 18.25 |
| 5 | 256QAM | 1 | 23 | 17.94 | 18.13 | 18.04 |
| 5 | | 13 | 6 | 18.42 | 18.52 | 18.44 |



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| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------------|---------|-----------|-------------|----------------|--------------|
| Channel | | | | 134600 | 136100 | 137600 |
| Frequency (MHz) | | | | 673 | 680.5 | 688 |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.79 | 23.80 | 23.79 |
| 20 | | 1 | 104 | 23.56 | 23.65 | 23.51 |
| 20 | | 50 | 25 | 23.80 | 23.73 | 23.78 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.77 | 23.78 | 23.83 |
| 20 | | 1 | 104 | 23.67 | 23.61 | 23.46 |
| 20 | | 50 | 25 | 23.86 | 23.70 | 23.56 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 23.96 | 23.75 | 23.91 |
| 20 | | 1 | 104 | 23.77 | 23.56 | 23.47 |
| 20 | | 50 | 25 | 23.78 | 23.59 | 23.55 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 22.25 | 22.51 | 22.25 |
| 20 | | 1 | 104 | 22.01 | 22.39 | 21.79 |
| 20 | | 50 | 25 | 22.29 | 22.28 | 22.07 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 19.92 | 19.74 | 19.89 |
| 20 | | 1 | 104 | 19.77 | 19.71 | 19.50 |
| 20 | | 50 | 25 | 20.15 | 20.14 | 20.05 |
| Channel | | | | 134100 | 136100 | 138100 |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.85 | 23.84 | 23.77 |
| 15 | | 1 | 77 | 23.84 | 23.60 | 23.40 |
| 15 | | 36 | 18 | 23.83 | 23.84 | 23.74 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.97 | 23.74 | 23.70 |
| 15 | | 1 | 77 | 23.92 | 23.64 | 23.53 |
| 15 | | 36 | 18 | 23.82 | 23.75 | 23.63 |
| 15 | DFT-s-OFDM 16QAM | 1 | 1 | 23.90 | 23.85 | 23.65 |
| 15 | | 1 | 77 | 23.77 | 23.72 | 23.38 |
| 15 | | 36 | 18 | 23.89 | 23.86 | 23.70 |
| 15 | DFT-s-OFDM 64QAM | 1 | 1 | 22.68 | 22.16 | 22.43 |
| 15 | | 1 | 77 | 22.43 | 22.12 | 22.17 |
| 15 | | 36 | 18 | 22.31 | 22.39 | 22.13 |
| 15 | DFT-s-OFDM 256QAM | 1 | 1 | 20.18 | 19.92 | 19.85 |
| 15 | | 1 | 77 | 19.86 | 19.75 | 19.58 |
| 15 | | 36 | 18 | 20.23 | 20.22 | 20.11 |



| Channel | | | | 133600 | 136100 | 138600 |
|-----------------|-------------------------|----|----|--------|--------|--------|
| Frequency (MHz) | | | | 668 | 680.5 | 693 |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.76 | 23.73 | 23.75 |
| 10 | | 1 | 50 | 23.69 | 23.65 | 23.41 |
| 10 | | 25 | 12 | 23.72 | 23.84 | 23.63 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 23.70 | 23.57 | 23.58 |
| 10 | | 1 | 50 | 23.63 | 23.53 | 23.27 |
| 10 | | 25 | 12 | 23.75 | 23.76 | 23.66 |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | 23.75 | 23.60 | 23.70 |
| 10 | | 1 | 50 | 23.66 | 23.62 | 23.51 |
| 10 | | 25 | 12 | 23.56 | 23.56 | 23.50 |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | 22.17 | 22.04 | 22.04 |
| 10 | | 1 | 50 | 22.02 | 21.96 | 21.76 |
| 10 | | 25 | 12 | 22.10 | 22.09 | 22.00 |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | 19.87 | 19.72 | 19.72 |
| 10 | | 1 | 50 | 19.70 | 19.72 | 19.51 |
| 10 | | 25 | 12 | 20.18 | 20.06 | 20.21 |
| Channel | | | | 133100 | 136100 | 139100 |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.48 | 23.83 | 23.68 |
| 5 | | 1 | 23 | 23.77 | 23.59 | 23.32 |
| 5 | | 12 | 6 | 23.74 | 23.67 | 23.41 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 23.70 | 23.60 | 23.45 |
| 5 | | 1 | 23 | 23.74 | 23.61 | 23.38 |
| 5 | | 12 | 6 | 23.75 | 23.70 | 23.54 |
| 5 | DFT-s-OFDM 16QAM | 1 | 1 | 23.85 | 23.83 | 23.63 |
| 5 | | 1 | 23 | 23.68 | 23.61 | 23.32 |
| 5 | | 12 | 6 | 23.72 | 23.69 | 23.39 |
| 5 | DFT-s-OFDM 64QAM | 1 | 1 | 22.15 | 22.19 | 21.96 |
| 5 | | 1 | 23 | 22.12 | 22.05 | 21.79 |
| 5 | | 12 | 6 | 22.37 | 22.22 | 22.11 |
| 5 | DFT-s-OFDM 256QAM | 1 | 1 | 19.80 | 19.86 | 19.71 |
| 5 | | 1 | 23 | 19.66 | 19.74 | 19.44 |
| 5 | | 12 | 6 | 20.25 | 20.07 | 19.92 |



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| BW [MHz] | Modulation | RB Size | RB Offset | Low Channel | Middle Channel | High Channel |
|-----------------|-------------------|---------|-----------|-------------|----------------|--------------|
| Channel | | | | 134600 | 136100 | 137600 |
| Frequency (MHz) | | | | 673 | 680.5 | 688 |
| 20 | CP-OFDM QPSK | 1 | 1 | 23.53 | 22.96 | 23.26 |
| 20 | | 1 | 104 | 23.10 | 23.09 | 22.80 |
| 20 | | 53 | 26 | 23.36 | 23.20 | 23.15 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 22.94 | 22.31 | 22.72 |
| 20 | | 1 | 104 | 22.61 | 22.67 | 22.39 |
| 20 | | 53 | 26 | 22.80 | 22.73 | 22.73 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 21.30 | 21.34 | 21.04 |
| 20 | | 1 | 104 | 20.98 | 21.05 | 20.81 |
| 20 | | 53 | 26 | 21.34 | 21.27 | 21.13 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 18.04 | 17.90 | 17.79 |
| 20 | | 1 | 104 | 17.84 | 17.81 | 17.60 |
| 20 | | 53 | 26 | 18.28 | 18.19 | 18.02 |
| Channel | | | | 134100 | 136100 | 138100 |
| Frequency (MHz) | | | | 670.5 | 680.5 | 690.5 |
| 15 | CP-OFDM QPSK | 1 | 1 | 23.44 | 23.22 | 23.51 |
| 15 | | 1 | 77 | 23.29 | 23.27 | 22.93 |
| 15 | | 39 | 191 | 21.90 | 21.80 | 21.70 |
| 15 | CP-OFDM 16QAM | 1 | 1 | 22.94 | 22.93 | 22.72 |
| 15 | | 1 | 77 | 22.62 | 22.56 | 22.25 |
| 15 | | 39 | 191 | 22.04 | 21.83 | 21.77 |
| 15 | CP-OFDM 64QAM | 1 | 1 | 21.31 | 21.12 | 21.15 |
| 15 | | 1 | 77 | 21.06 | 21.03 | 20.74 |
| 15 | | 39 | 191 | 21.39 | 21.32 | 21.09 |
| 15 | CP-OFDM 256QAM | 1 | 1 | 18.14 | 17.92 | 17.87 |
| 15 | | 1 | 77 | 17.88 | 17.80 | 17.59 |
| 15 | | 39 | 191 | 18.40 | 18.19 | 18.13 |
| Channel | | | | 133600 | 136100 | 138600 |
| Frequency (MHz) | | | | 668 | 680.5 | 693 |
| 10 | CP-OFDM QPSK | 1 | 1 | 22.97 | 23.36 | 23.34 |
| 10 | | 1 | 50 | 23.33 | 23.07 | 23.11 |
| 10 | | 26 | 13 | 22.92 | 23.14 | 23.13 |
| 10 | CP-OFDM | 1 | 1 | 22.41 | 22.69 | 22.60 |



| | | | | | | |
|-----------------|-------------------|----|----|--------|--------|--------|
| 10 | 16QAM | 1 | 50 | 22.64 | 22.71 | 22.38 |
| 10 | | 26 | 13 | 22.47 | 22.66 | 22.50 |
| 10 | CP-OFDM 64QAM | 1 | 1 | 21.26 | 21.10 | 21.06 |
| 10 | | 1 | 50 | 21.06 | 21.04 | 20.90 |
| 10 | | 26 | 13 | 21.12 | 21.17 | 21.08 |
| 10 | CP-OFDM 256QAM | 1 | 1 | 17.94 | 17.83 | 17.84 |
| 10 | | 1 | 50 | 17.82 | 17.83 | 17.59 |
| 10 | | 26 | 13 | 18.22 | 18.08 | 18.02 |
| Channel | | | | 133100 | 136100 | 139100 |
| Frequency (MHz) | | | | 665.5 | 680.5 | 695.5 |
| 5 | CP-OFDM QPSK | 1 | 1 | 22.96 | 23.11 | 23.26 |
| 5 | | 1 | 23 | 23.04 | 22.96 | 22.95 |
| 5 | | 13 | 6 | 22.90 | 23.08 | 22.99 |
| 5 | CP-OFDM 16QAM | 1 | 1 | 22.42 | 22.78 | 22.65 |
| 5 | | 1 | 23 | 22.49 | 22.51 | 22.16 |
| 5 | | 13 | 6 | 22.49 | 22.56 | 22.36 |
| 5 | CP-OFDM 64QAM | 1 | 1 | 21.05 | 21.11 | 21.00 |
| 5 | | 1 | 23 | 21.02 | 20.98 | 20.69 |
| 5 | | 13 | 6 | 21.30 | 21.08 | 21.09 |
| 5 | CP-OFDM 256QAM | 1 | 1 | 18.04 | 17.87 | 17.72 |
| 5 | | 1 | 23 | 17.75 | 17.77 | 17.50 |
| 5 | | 13 | 6 | 18.25 | 18.10 | 18.00 |



Effective Radiated Power and Effective Isotropic Radiated Power:

| EN-DC_2A-N66 | | | | Measured EIRP | | | | | |
|-----------------|-------------------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 346000 | | 349000 | | 352000 | |
| Frequency (MHz) | | | | 1720 | | 1745 | | 1770 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.03 | 0.253 | 24.64 | 0.291 | 24.74 | 0.298 |
| 20 | | 1 | 104 | 24.48 | 0.281 | 25.19 | 0.330 | 25.22 | 0.333 |
| 20 | | 50 | 25 | 24.52 | 0.283 | 24.85 | 0.305 | 25.2 | 0.331 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 23.92 | 0.247 | 24.56 | 0.286 | 24.64 | 0.291 |
| 20 | | 1 | 104 | 24.33 | 0.271 | 24.97 | 0.314 | 25.19 | 0.330 |
| 20 | | 50 | 25 | 24.52 | 0.283 | 25.06 | 0.321 | 25.04 | 0.319 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 24.16 | 0.261 | 24.51 | 0.282 | 24.84 | 0.305 |
| 20 | | 1 | 104 | 24.52 | 0.283 | 25.01 | 0.317 | 25.2 | 0.331 |
| 20 | | 50 | 25 | 24.5 | 0.282 | 24.71 | 0.296 | 25.02 | 0.318 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 22.44 | 0.175 | 22.83 | 0.192 | 23.14 | 0.206 |
| 20 | | 1 | 104 | 24.52 | 0.283 | 23.45 | 0.221 | 23.65 | 0.232 |
| 20 | | 50 | 25 | 23.01 | 0.200 | 23.28 | 0.213 | 23.6 | 0.229 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 20.1 | 0.102 | 20.31 | 0.107 | 20.84 | 0.121 |
| 20 | | 1 | 104 | 20.55 | 0.114 | 20.88 | 0.122 | 21.33 | 0.136 |
| 20 | | 50 | 25 | 20.9 | 0.123 | 21.24 | 0.133 | 21.53 | 0.142 |
| Channel | | | | 344000 | | 349000 | | 354000 | |
| Frequency (MHz) | | | | 1717.5 | | 1745 | | 1772.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24 | 0.251 | 24.57 | 0.286 | 24.86 | 0.306 |
| 15 | | 1 | 77 | 24.38 | 0.274 | 25.15 | 0.327 | 25.29 | 0.338 |
| 15 | | 36 | 18 | 24.29 | 0.269 | 24.37 | 0.274 | 24.54 | 0.284 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 23.85 | 0.243 | 24.58 | 0.287 | 24.64 | 0.291 |
| 15 | | 1 | 77 | 24.54 | 0.284 | 25.12 | 0.325 | 25.13 | 0.326 |
| 15 | | 36 | 18 | 24.37 | 0.274 | 24.91 | 0.310 | 25.16 | 0.328 |
| 15 | DFT-s-OFDM 16QAM | 1 | 1 | 24.09 | 0.256 | 24.63 | 0.290 | 24.91 | 0.310 |
| 15 | | 1 | 77 | 24.61 | 0.289 | 25.13 | 0.326 | 25.26 | 0.336 |
| 15 | | 36 | 18 | 24.36 | 0.273 | 24.78 | 0.301 | 25.14 | 0.327 |
| 15 | DFT-s-OFDM 64QAM | 1 | 1 | 22.39 | 0.173 | 23.03 | 0.201 | 23.28 | 0.213 |
| 15 | | 1 | 77 | 22.86 | 0.193 | 23.43 | 0.220 | 23.64 | 0.231 |
| 15 | | 36 | 18 | 22.85 | 0.193 | 23.28 | 0.213 | 23.68 | 0.233 |
| 15 | DFT-s-OFDM | 1 | 1 | 20.11 | 0.103 | 20.59 | 0.115 | 20.95 | 0.124 |



| | | | | | | | | | |
|-----------------|-------------------------|----|----|--------|-------|--------|-------|--------|-------|
| 15 | 256QAM | 1 | 77 | 20.63 | 0.116 | 21.12 | 0.129 | 21.35 | 0.136 |
| 15 | | 36 | 18 | 20.76 | 0.119 | 21.19 | 0.132 | 21.55 | 0.143 |
| Channel | | | | 343000 | | 349000 | | 355000 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 23.99 | 0.251 | 24.55 | 0.285 | 25.1 | 0.324 |
| 10 | | 1 | 50 | 24.49 | 0.281 | 25.05 | 0.320 | 25.11 | 0.324 |
| 10 | | 25 | 12 | 24.28 | 0.268 | 24.92 | 0.310 | 25.55 | 0.359 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24 | 0.251 | 24.64 | 0.291 | 25.08 | 0.322 |
| 10 | | 1 | 50 | 24.43 | 0.277 | 25.07 | 0.321 | 25.05 | 0.320 |
| 10 | | 25 | 12 | 24.29 | 0.269 | 24.81 | 0.303 | 25.36 | 0.344 |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | 24.02 | 0.252 | 24.71 | 0.296 | 25.17 | 0.329 |
| 10 | | 1 | 50 | 24.55 | 0.285 | 25.07 | 0.321 | 25.04 | 0.319 |
| 10 | | 25 | 12 | 24.19 | 0.262 | 24.77 | 0.300 | 25.24 | 0.334 |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | 22.4 | 0.174 | 23.05 | 0.202 | 23.36 | 0.217 |
| 10 | | 1 | 50 | 22.89 | 0.195 | 23.37 | 0.217 | 23.57 | 0.228 |
| 10 | | 25 | 12 | 22.72 | 0.187 | 23.25 | 0.211 | 23.78 | 0.239 |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | 20.12 | 0.103 | 20.69 | 0.117 | 21.21 | 0.132 |
| 10 | | 1 | 50 | 20.59 | 0.115 | 21.15 | 0.130 | 21.33 | 0.136 |
| 10 | | 25 | 12 | 20.72 | 0.118 | 21.27 | 0.134 | 21.79 | 0.151 |
| Channel | | | | 342500 | | 34900 | | 355500 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.01 | 0.252 | 24.67 | 0.293 | 25.38 | 0.345 |
| 5 | | 1 | 23 | 24.2 | 0.263 | 24.96 | 0.313 | 25.19 | 0.330 |
| 5 | | 12 | 6 | 24.18 | 0.262 | 24.94 | 0.312 | 25.42 | 0.348 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 23.86 | 0.243 | 24.65 | 0.292 | 25.3 | 0.339 |
| 5 | | 1 | 23 | 24.05 | 0.254 | 24.84 | 0.305 | 24.99 | 0.316 |
| 5 | | 12 | 6 | 24.09 | 0.256 | 24.82 | 0.303 | 25.31 | 0.340 |
| 5 | DFT-s-OFDM 16QAM | 1 | 1 | 24.12 | 0.258 | 24.8 | 0.302 | 25.36 | 0.344 |
| 5 | | 1 | 23 | 24.2 | 0.263 | 24.98 | 0.315 | 25.13 | 0.326 |
| 5 | | 12 | 6 | 23.94 | 0.248 | 24.85 | 0.305 | 25.18 | 0.330 |
| 5 | DFT-s-OFDM 64QAM | 1 | 1 | 22.39 | 0.173 | 23.11 | 0.205 | 23.72 | 0.236 |
| 5 | | 1 | 23 | 22.62 | 0.183 | 23.32 | 0.215 | 23.6 | 0.229 |
| 5 | | 12 | 6 | 22.65 | 0.184 | 23.38 | 0.218 | 23.89 | 0.245 |
| 5 | DFT-s-OFDM 256QAM | 1 | 1 | 20.07 | 0.102 | 20.85 | 0.122 | 21.26 | 0.134 |
| 5 | | 1 | 23 | 20.29 | 0.107 | 20.99 | 0.126 | 21.14 | 0.130 |
| 5 | | 12 | 6 | 20.52 | 0.113 | 21.3 | 0.135 | 21.8 | 0.151 |



| EN-DC_2A-N66 | | | | Measured EIRP | | | | | |
|-----------------|----------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 346000 | | 349000 | | 352000 | |
| Frequency (MHz) | | | | 1720 | | 1745 | | 1770 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | CP-OFDM QPSK | 1 | 1 | 23.59 | 0.229 | 23.91 | 0.246 | 24.61 | 0.289 |
| 20 | | 1 | 104 | 24.19 | 0.262 | 24.72 | 0.296 | 24.9 | 0.309 |
| 20 | | 50 | 25 | 23.98 | 0.250 | 24.42 | 0.277 | 24.53 | 0.284 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 23.1 | 0.204 | 23.4 | 0.219 | 23.8 | 0.240 |
| 20 | | 1 | 104 | 23.49 | 0.223 | 24.1 | 0.257 | 24.18 | 0.262 |
| 20 | | 50 | 25 | 23.41 | 0.219 | 23.85 | 0.243 | 24.05 | 0.254 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 21.39 | 0.138 | 22 | 0.158 | 22.39 | 0.173 |
| 20 | | 1 | 104 | 21.81 | 0.152 | 22.26 | 0.168 | 22.64 | 0.184 |
| 20 | | 50 | 25 | 21.94 | 0.156 | 22.4 | 0.174 | 22.6 | 0.182 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 18.18 | 0.066 | 18.54 | 0.071 | 18.98 | 0.079 |
| 20 | | 1 | 104 | 18.5 | 0.071 | 19.16 | 0.082 | 19.28 | 0.085 |
| 20 | | 50 | 25 | 18.96 | 0.079 | 19.27 | 0.085 | 19.51 | 0.089 |
| Channel | | | | 344000 | | 349000 | | 354000 | |
| Frequency (MHz) | | | | 1717.5 | | 1745 | | 1772.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | CP-OFDM 16QAM | 1 | 1 | 23.4 | 0.219 | 24 | 0.251 | 24.51 | 0.282 |
| 15 | | 1 | 77 | 23.81 | 0.240 | 24.59 | 0.288 | 24.66 | 0.292 |
| 15 | | 36 | 18 | 22.17 | 0.165 | 22.77 | 0.189 | 23.03 | 0.201 |
| 15 | CP-OFDM 64QAM | 1 | 1 | 23.08 | 0.203 | 23.62 | 0.230 | 23.85 | 0.243 |
| 15 | | 1 | 77 | 23.42 | 0.220 | 24.11 | 0.258 | 24.17 | 0.261 |
| 15 | | 36 | 18 | 22.19 | 0.166 | 22.68 | 0.185 | 23.03 | 0.201 |
| 15 | CP-OFDM 256QAM | 1 | 1 | 21.39 | 0.138 | 21.85 | 0.153 | 22.16 | 0.164 |
| 15 | | 1 | 77 | 21.82 | 0.152 | 22.36 | 0.172 | 22.63 | 0.183 |
| 15 | | 36 | 18 | 21.61 | 0.145 | 22.12 | 0.163 | 22.53 | 0.179 |
| Channel | | | | 343000 | | 349000 | | 355000 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | CP-OFDM QPSK | 1 | 1 | 23.5 | 0.224 | 24.28 | 0.268 | 24.74 | 0.298 |
| 10 | | 1 | 50 | 24.14 | 0.259 | 24.55 | 0.285 | 24.54 | 0.284 |
| 10 | | 25 | 12 | 23.78 | 0.239 | 24.3 | 0.269 | 24.79 | 0.301 |
| 10 | CP-OFDM | 1 | 1 | 23.12 | 0.205 | 23.61 | 0.230 | 24.07 | 0.255 |



| | | | | | | | | | |
|-----------------|-------------------|----|----|--------|-------|-------|-------|--------|-------|
| 10 | 16QAM | 1 | 50 | 23.58 | 0.228 | 24.09 | 0.256 | 24.29 | 0.269 |
| 10 | | 25 | 12 | 23.32 | 0.215 | 23.85 | 0.243 | 24.32 | 0.270 |
| 10 | CP-OFDM 64QAM | 1 | 1 | 21.43 | 0.139 | 22.04 | 0.160 | 22.52 | 0.179 |
| 10 | | 1 | 50 | 21.98 | 0.158 | 22.51 | 0.178 | 22.67 | 0.185 |
| 10 | | 25 | 12 | 21.76 | 0.150 | 22.34 | 0.171 | 22.7 | 0.186 |
| 10 | CP-OFDM 256QAM | 1 | 1 | 18.2 | 0.066 | 18.82 | 0.076 | 19.13 | 0.082 |
| 10 | | 1 | 50 | 18.69 | 0.074 | 19.2 | 0.083 | 19.32 | 0.086 |
| 10 | | 25 | 12 | 18.67 | 0.074 | 19.29 | 0.085 | 19.75 | 0.094 |
| Channel | | | | 342500 | | 34900 | | 355500 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | CP-OFDM QPSK | 1 | 1 | 23.4 | 0.219 | 24.12 | 0.258 | 25.02 | 0.318 |
| 5 | | 1 | 23 | 23.59 | 0.229 | 24.64 | 0.291 | 24.79 | 0.301 |
| 5 | | 12 | 6 | 23.49 | 0.223 | 24.48 | 0.281 | 24.67 | 0.293 |
| 5 | CP-OFDM 16QAM | 1 | 1 | 22.97 | 0.198 | 23.93 | 0.247 | 24.32 | 0.270 |
| 5 | | 1 | 23 | 23.14 | 0.206 | 23.94 | 0.248 | 24.1 | 0.257 |
| 5 | | 12 | 6 | 23.01 | 0.200 | 23.68 | 0.233 | 24.14 | 0.259 |
| 5 | CP-OFDM 64QAM | 1 | 1 | 21.4 | 0.138 | 22.27 | 0.169 | 22.7 | 0.186 |
| 5 | | 1 | 23 | 21.55 | 0.143 | 22.54 | 0.179 | 22.54 | 0.179 |
| 5 | | 12 | 6 | 21.62 | 0.145 | 22.38 | 0.173 | 22.68 | 0.185 |
| 5 | CP-OFDM 256QAM | 1 | 1 | 18.14 | 0.065 | 18.84 | 0.077 | 19.41 | 0.087 |
| 5 | | 1 | 23 | 18.32 | 0.068 | 18.9 | 0.078 | 19.19 | 0.083 |
| 5 | | 12 | 6 | 18.63 | 0.073 | 19.29 | 0.085 | 19.75 | 0.094 |



| EN-DC_5A-N66 | | | | Measured EIRP | | | | | |
|-----------------|-------------------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 346000 | | 349000 | | 352000 | |
| Frequency (MHz) | | | | 1720 | | 1745 | | 1770 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.79 | 0.301 | 24.59 | 0.288 | 25.05 | 0.320 |
| 20 | | 1 | 104 | 24.75 | 0.299 | 25.03 | 0.318 | 24.86 | 0.306 |
| 20 | | 50 | 25 | 24.54 | 0.284 | 24.91 | 0.310 | 24.96 | 0.313 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.74 | 0.298 | 24.69 | 0.294 | 25.04 | 0.319 |
| 20 | | 1 | 104 | 24.61 | 0.289 | 24.98 | 0.315 | 24.92 | 0.310 |
| 20 | | 50 | 25 | 24.69 | 0.294 | 24.92 | 0.310 | 25.04 | 0.319 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 24.78 | 0.301 | 24.73 | 0.297 | 25.11 | 0.324 |
| 20 | | 1 | 104 | 24.65 | 0.292 | 25.13 | 0.326 | 24.96 | 0.313 |
| 20 | | 50 | 25 | 24.62 | 0.290 | 24.97 | 0.314 | 25.01 | 0.317 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 23.15 | 0.207 | 23.06 | 0.202 | 23.37 | 0.217 |
| 20 | | 1 | 104 | 23.13 | 0.206 | 23.56 | 0.227 | 23.31 | 0.214 |
| 20 | | 50 | 25 | 23.20 | 0.209 | 23.40 | 0.219 | 23.57 | 0.228 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 20.80 | 0.120 | 20.85 | 0.122 | 21.23 | 0.133 |
| 20 | | 1 | 104 | 20.56 | 0.114 | 21.21 | 0.132 | 21.08 | 0.128 |
| 20 | | 50 | 25 | 21.01 | 0.126 | 21.37 | 0.137 | 21.45 | 0.140 |
| Channel | | | | 344000 | | 349000 | | 354000 | |
| Frequency (MHz) | | | | 1717.5 | | 1745 | | 1772.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.80 | 0.302 | 24.87 | 0.307 | 24.97 | 0.314 |
| 15 | | 1 | 77 | 24.75 | 0.299 | 25.13 | 0.326 | 24.85 | 0.305 |
| 15 | | 36 | 18 | 24.65 | 0.292 | 24.93 | 0.311 | 24.91 | 0.310 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 24.64 | 0.291 | 24.72 | 0.296 | 24.88 | 0.308 |
| 15 | | 1 | 77 | 24.54 | 0.284 | 25.08 | 0.322 | 24.86 | 0.306 |
| 15 | | 36 | 18 | 24.72 | 0.296 | 24.85 | 0.305 | 24.89 | 0.308 |
| 15 | DFT-s-OFDM 16QAM | 1 | 1 | 24.82 | 0.303 | 24.77 | 0.300 | 25.04 | 0.319 |
| 15 | | 1 | 77 | 24.68 | 0.294 | 25.05 | 0.320 | 24.91 | 0.310 |
| 15 | | 36 | 18 | 24.61 | 0.289 | 24.87 | 0.307 | 24.93 | 0.311 |
| 15 | DFT-s-OFDM 64QAM | 1 | 1 | 23.16 | 0.207 | 23.19 | 0.208 | 23.37 | 0.217 |
| 15 | | 1 | 77 | 22.95 | 0.197 | 23.44 | 0.221 | 23.31 | 0.214 |
| 15 | | 36 | 18 | 23.20 | 0.209 | 23.45 | 0.221 | 23.50 | 0.224 |
| 15 | DFT-s-OFDM | 1 | 1 | 20.79 | 0.120 | 20.94 | 0.124 | 21.19 | 0.132 |



| | | | | | | | | | |
|-----------------|-------------------------|----|----|--------|-------|--------|-------|--------|-------|
| 15 | 256QAM | 1 | 77 | 20.78 | 0.120 | 21.25 | 0.133 | 21.06 | 0.128 |
| 15 | | 36 | 18 | 21.10 | 0.129 | 21.29 | 0.135 | 21.38 | 0.137 |
| Channel | | | | 343000 | | 349000 | | 355000 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.58 | 0.287 | 24.60 | 0.288 | 24.75 | 0.299 |
| 10 | | 1 | 50 | 24.56 | 0.286 | 24.83 | 0.304 | 24.70 | 0.295 |
| 10 | | 25 | 12 | 24.66 | 0.292 | 24.83 | 0.304 | 24.86 | 0.306 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24.58 | 0.287 | 24.66 | 0.292 | 24.69 | 0.294 |
| 10 | | 1 | 50 | 24.58 | 0.287 | 24.76 | 0.299 | 24.64 | 0.291 |
| 10 | | 25 | 12 | 24.62 | 0.290 | 24.85 | 0.305 | 24.88 | 0.308 |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | 24.68 | 0.294 | 24.81 | 0.303 | 24.92 | 0.310 |
| 10 | | 1 | 50 | 24.71 | 0.296 | 25.02 | 0.318 | 24.84 | 0.305 |
| 10 | | 25 | 12 | 24.66 | 0.292 | 24.71 | 0.296 | 24.87 | 0.307 |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | 23.02 | 0.200 | 23.16 | 0.207 | 23.21 | 0.209 |
| 10 | | 1 | 50 | 22.99 | 0.199 | 23.30 | 0.214 | 23.21 | 0.209 |
| 10 | | 25 | 12 | 23.10 | 0.204 | 23.22 | 0.210 | 23.26 | 0.212 |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | 20.80 | 0.120 | 20.87 | 0.122 | 20.99 | 0.126 |
| 10 | | 1 | 50 | 20.73 | 0.118 | 21.07 | 0.128 | 20.83 | 0.121 |
| 10 | | 25 | 12 | 21.14 | 0.130 | 21.26 | 0.134 | 21.29 | 0.135 |
| Channel | | | | 342500 | | 34900 | | 355500 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.55 | 0.285 | 24.74 | 0.298 | 24.69 | 0.294 |
| 5 | | 1 | 23 | 24.60 | 0.288 | 24.71 | 0.296 | 24.77 | 0.300 |
| 5 | | 12 | 6 | 24.70 | 0.295 | 24.81 | 0.303 | 24.88 | 0.308 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 24.59 | 0.288 | 24.63 | 0.290 | 24.65 | 0.292 |
| 5 | | 1 | 23 | 24.60 | 0.288 | 24.80 | 0.302 | 24.74 | 0.298 |
| 5 | | 12 | 6 | 24.63 | 0.290 | 24.80 | 0.302 | 24.80 | 0.302 |
| 5 | DFT-s-OFDM 16QAM | 1 | 1 | 24.63 | 0.290 | 24.79 | 0.301 | 24.88 | 0.308 |
| 5 | | 1 | 23 | 24.62 | 0.290 | 24.87 | 0.307 | 24.74 | 0.298 |
| 5 | | 12 | 6 | 24.56 | 0.286 | 24.68 | 0.294 | 24.63 | 0.290 |
| 5 | DFT-s-OFDM 64QAM | 1 | 1 | 22.99 | 0.199 | 23.05 | 0.202 | 23.15 | 0.207 |
| 5 | | 1 | 23 | 23.05 | 0.202 | 23.32 | 0.215 | 23.14 | 0.206 |
| 5 | | 12 | 6 | 23.25 | 0.211 | 23.37 | 0.217 | 23.41 | 0.219 |
| 5 | DFT-s-OFDM 256QAM | 1 | 1 | 20.76 | 0.119 | 20.93 | 0.124 | 20.88 | 0.122 |
| 5 | | 1 | 23 | 20.76 | 0.119 | 20.97 | 0.125 | 20.96 | 0.125 |
| 5 | | 12 | 6 | 21.15 | 0.130 | 21.31 | 0.135 | 21.25 | 0.133 |



| EN-DC_5A-N66 | | | | Measured EIRP | | | | | |
|-----------------|----------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 346000 | | 349000 | | 352000 | |
| Frequency (MHz) | | | | 1720 | | 1745 | | 1770 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | CP-OFDM QPSK | 1 | 1 | 24.34 | 0.272 | 24.38 | 0.274 | 24.83 | 0.304 |
| 20 | | 1 | 104 | 24.29 | 0.269 | 24.53 | 0.284 | 24.25 | 0.266 |
| 20 | | 50 | 25 | 24.11 | 0.258 | 24.35 | 0.272 | 24.52 | 0.283 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 23.81 | 0.240 | 23.58 | 0.228 | 24.05 | 0.254 |
| 20 | | 1 | 104 | 23.67 | 0.233 | 24.08 | 0.256 | 23.70 | 0.234 |
| 20 | | 50 | 25 | 23.60 | 0.229 | 23.88 | 0.244 | 24.00 | 0.251 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 22.23 | 0.167 | 22.18 | 0.165 | 22.42 | 0.175 |
| 20 | | 1 | 104 | 22.08 | 0.161 | 22.60 | 0.182 | 22.40 | 0.174 |
| 20 | | 50 | 25 | 22.16 | 0.164 | 22.43 | 0.175 | 22.56 | 0.180 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 18.93 | 0.078 | 18.89 | 0.077 | 19.26 | 0.084 |
| 20 | | 1 | 104 | 18.81 | 0.076 | 19.17 | 0.083 | 19.02 | 0.080 |
| 20 | | 50 | 25 | 19.11 | 0.081 | 19.39 | 0.087 | 19.43 | 0.088 |
| Channel | | | | 344000 | | 349000 | | 354000 | |
| Frequency (MHz) | | | | 1717.5 | | 1745 | | 1772.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | CP-OFDM QPSK | 1 | 1 | 24.19 | 0.262 | 24.15 | 0.260 | 24.61 | 0.289 |
| 15 | | 1 | 77 | 23.91 | 0.246 | 24.58 | 0.287 | 24.24 | 0.265 |
| 15 | | 36 | 18 | 22.76 | 0.189 | 22.85 | 0.193 | 23.02 | 0.200 |
| 15 | CP-OFDM 16QAM | 1 | 1 | 24.19 | 0.262 | 24.15 | 0.260 | 24.61 | 0.289 |
| 15 | | 1 | 77 | 23.91 | 0.246 | 24.58 | 0.287 | 24.24 | 0.265 |
| 15 | | 36 | 18 | 22.76 | 0.189 | 22.85 | 0.193 | 23.02 | 0.200 |
| 15 | CP-OFDM 64QAM | 1 | 1 | 23.82 | 0.241 | 23.85 | 0.243 | 24.10 | 0.257 |
| 15 | | 1 | 77 | 23.52 | 0.225 | 23.99 | 0.251 | 23.67 | 0.233 |
| 15 | | 36 | 18 | 22.77 | 0.189 | 22.88 | 0.194 | 23.03 | 0.201 |
| 15 | CP-OFDM 256QAM | 1 | 1 | 22.15 | 0.164 | 22.16 | 0.164 | 22.35 | 0.172 |
| 15 | | 1 | 77 | 22.04 | 0.160 | 22.54 | 0.179 | 22.18 | 0.165 |
| 15 | | 36 | 18 | 22.22 | 0.167 | 22.39 | 0.173 | 22.45 | 0.176 |
| Channel | | | | 343000 | | 349000 | | 355000 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | CP-OFDM | 1 | 1 | 24.09 | 0.256 | 24.36 | 0.273 | 24.50 | 0.282 |



| | | | | | | | | | |
|-----------------|-------------------|----|----|--------|-------|-------|-------|--------|-------|
| 10 | QPSK | 1 | 50 | 24.20 | 0.263 | 24.55 | 0.285 | 24.14 | 0.259 |
| 10 | | 25 | 12 | 24.19 | 0.262 | 24.40 | 0.275 | 24.32 | 0.270 |
| 10 | CP-OFDM 16QAM | 1 | 1 | 23.71 | 0.235 | 23.76 | 0.238 | 23.92 | 0.247 |
| 10 | | 1 | 50 | 23.60 | 0.229 | 23.86 | 0.243 | 23.76 | 0.238 |
| 10 | | 25 | 12 | 23.63 | 0.231 | 23.82 | 0.241 | 23.85 | 0.243 |
| 10 | CP-OFDM 64QAM | 1 | 1 | 22.10 | 0.162 | 22.15 | 0.164 | 22.38 | 0.173 |
| 10 | | 1 | 50 | 22.06 | 0.161 | 22.32 | 0.171 | 22.29 | 0.169 |
| 10 | | 25 | 12 | 22.17 | 0.165 | 22.33 | 0.171 | 22.34 | 0.171 |
| 10 | CP-OFDM 256QAM | 1 | 1 | 18.78 | 0.076 | 18.82 | 0.076 | 19.02 | 0.080 |
| 10 | | 1 | 50 | 18.76 | 0.075 | 19.15 | 0.082 | 18.96 | 0.079 |
| 10 | | 25 | 12 | 19.14 | 0.082 | 19.31 | 0.085 | 19.27 | 0.085 |
| Channel | | | | 342500 | | 34900 | | 355500 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | CP-OFDM QPSK | 1 | 1 | 24.34 | 0.272 | 24.43 | 0.277 | 24.40 | 0.275 |
| 5 | | 1 | 23 | 24.20 | 0.263 | 24.18 | 0.262 | 24.33 | 0.271 |
| 5 | | 12 | 6 | 24.09 | 0.256 | 24.24 | 0.265 | 24.18 | 0.262 |
| 5 | CP-OFDM 16QAM | 1 | 1 | 23.79 | 0.239 | 23.84 | 0.242 | 23.88 | 0.244 |
| 5 | | 1 | 23 | 23.51 | 0.224 | 23.77 | 0.238 | 23.72 | 0.236 |
| 5 | | 12 | 6 | 23.58 | 0.228 | 23.69 | 0.234 | 23.73 | 0.236 |
| 5 | CP-OFDM 64QAM | 1 | 1 | 22.09 | 0.162 | 22.10 | 0.162 | 22.23 | 0.167 |
| 5 | | 1 | 23 | 21.95 | 0.157 | 22.13 | 0.163 | 22.09 | 0.162 |
| 5 | | 12 | 6 | 22.20 | 0.166 | 22.40 | 0.174 | 22.33 | 0.171 |
| 5 | CP-OFDM 256QAM | 1 | 1 | 18.76 | 0.075 | 18.93 | 0.078 | 19.01 | 0.080 |
| 5 | | 1 | 23 | 18.78 | 0.076 | 18.94 | 0.078 | 18.87 | 0.077 |
| 5 | | 12 | 6 | 19.21 | 0.083 | 19.34 | 0.086 | 19.30 | 0.085 |



| EN-DC_7A-N66 | | | | Measured EIRP | | | | | |
|-----------------|-------------------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 346000 | | 349000 | | 352000 | |
| Frequency (MHz) | | | | 1720 | | 1745 | | 1770 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.79 | 0.301 | 24.64 | 0.291 | 25.01 | 0.317 |
| 20 | | 1 | 104 | 24.75 | 0.299 | 25.21 | 0.332 | 24.86 | 0.306 |
| 20 | | 50 | 25 | 24.52 | 0.283 | 24.86 | 0.306 | 24.98 | 0.315 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.76 | 0.299 | 24.55 | 0.285 | 24.93 | 0.311 |
| 20 | | 1 | 104 | 24.69 | 0.294 | 25.05 | 0.320 | 24.76 | 0.299 |
| 20 | | 50 | 25 | 24.70 | 0.295 | 24.95 | 0.313 | 24.99 | 0.316 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 24.84 | 0.305 | 24.73 | 0.297 | 25.18 | 0.330 |
| 20 | | 1 | 104 | 24.81 | 0.303 | 25.10 | 0.324 | 24.94 | 0.312 |
| 20 | | 50 | 25 | 24.67 | 0.293 | 24.92 | 0.310 | 24.98 | 0.315 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 23.21 | 0.209 | 23.05 | 0.202 | 23.48 | 0.223 |
| 20 | | 1 | 104 | 23.13 | 0.206 | 23.53 | 0.225 | 23.34 | 0.216 |
| 20 | | 50 | 25 | 23.13 | 0.206 | 23.49 | 0.223 | 23.52 | 0.225 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 20.99 | 0.126 | 20.83 | 0.121 | 21.22 | 0.132 |
| 20 | | 1 | 104 | 20.77 | 0.119 | 21.22 | 0.132 | 21.05 | 0.127 |
| 20 | | 50 | 25 | 21.11 | 0.129 | 21.35 | 0.136 | 21.49 | 0.141 |
| Channel | | | | 344000 | | 349000 | | 354000 | |
| Frequency (MHz) | | | | 1717.5 | | 1745 | | 1772.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.79 | 0.301 | 24.75 | 0.299 | 24.94 | 0.312 |
| 15 | | 1 | 77 | 24.63 | 0.290 | 25.12 | 0.325 | 24.98 | 0.315 |
| 15 | | 36 | 18 | 24.72 | 0.296 | 24.93 | 0.311 | 24.87 | 0.307 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 24.79 | 0.301 | 24.66 | 0.292 | 24.92 | 0.310 |
| 15 | | 1 | 77 | 24.63 | 0.290 | 25.06 | 0.321 | 24.90 | 0.309 |
| 15 | | 36 | 18 | 24.69 | 0.294 | 24.90 | 0.309 | 25.01 | 0.317 |
| 15 | DFT-s-OFDM 16QAM | 1 | 1 | 24.72 | 0.296 | 24.84 | 0.305 | 25.06 | 0.321 |
| 15 | | 1 | 77 | 24.69 | 0.294 | 25.11 | 0.324 | 24.91 | 0.310 |
| 15 | | 36 | 18 | 24.70 | 0.295 | 24.93 | 0.311 | 24.92 | 0.310 |
| 15 | DFT-s-OFDM 64QAM | 1 | 1 | 23.13 | 0.206 | 23.23 | 0.210 | 23.44 | 0.221 |
| 15 | | 1 | 77 | 23.03 | 0.201 | 23.53 | 0.225 | 23.31 | 0.214 |
| 15 | | 36 | 18 | 23.25 | 0.211 | 23.39 | 0.218 | 23.45 | 0.221 |
| 15 | DFT-s-OFDM | 1 | 1 | 20.74 | 0.119 | 20.92 | 0.124 | 21.15 | 0.130 |



| | | | | | | | | | |
|-----------------|-------------------------|----|----|--------|-------|--------|-------|--------|-------|
| 15 | 256QAM | 1 | 77 | 20.59 | 0.115 | 21.22 | 0.132 | 21.10 | 0.129 |
| 15 | | 36 | 18 | 21.15 | 0.130 | 21.34 | 0.136 | 21.48 | 0.141 |
| Channel | | | | 343000 | | 349000 | | 355000 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.63 | 0.290 | 24.82 | 0.303 | 24.90 | 0.309 |
| 10 | | 1 | 50 | 24.52 | 0.283 | 24.90 | 0.309 | 24.87 | 0.307 |
| 10 | | 25 | 12 | 24.62 | 0.290 | 24.98 | 0.315 | 24.89 | 0.308 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24.57 | 0.286 | 24.64 | 0.291 | 24.85 | 0.305 |
| 10 | | 1 | 50 | 24.50 | 0.282 | 24.86 | 0.306 | 24.61 | 0.289 |
| 10 | | 25 | 12 | 24.68 | 0.294 | 24.85 | 0.305 | 24.89 | 0.308 |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | 24.78 | 0.301 | 24.75 | 0.299 | 24.87 | 0.307 |
| 10 | | 1 | 50 | 24.64 | 0.291 | 24.87 | 0.307 | 24.82 | 0.303 |
| 10 | | 25 | 12 | 24.61 | 0.289 | 24.77 | 0.300 | 24.74 | 0.298 |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | 23.00 | 0.200 | 23.11 | 0.205 | 23.21 | 0.209 |
| 10 | | 1 | 50 | 23.00 | 0.200 | 23.25 | 0.211 | 23.20 | 0.209 |
| 10 | | 25 | 12 | 23.11 | 0.205 | 23.28 | 0.213 | 23.27 | 0.212 |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | 20.84 | 0.121 | 20.82 | 0.121 | 20.98 | 0.125 |
| 10 | | 1 | 50 | 20.70 | 0.117 | 21.03 | 0.127 | 20.83 | 0.121 |
| 10 | | 25 | 12 | 21.07 | 0.128 | 21.31 | 0.135 | 21.31 | 0.135 |
| Channel | | | | 342500 | | 34900 | | 355500 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.68 | 0.294 | 24.69 | 0.294 | 24.70 | 0.295 |
| 5 | | 1 | 23 | 24.61 | 0.289 | 24.76 | 0.299 | 24.68 | 0.294 |
| 5 | | 12 | 6 | 24.62 | 0.290 | 24.83 | 0.304 | 24.93 | 0.311 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 24.61 | 0.289 | 24.65 | 0.292 | 24.73 | 0.297 |
| 5 | | 1 | 23 | 24.51 | 0.282 | 24.72 | 0.296 | 24.61 | 0.289 |
| 5 | | 12 | 6 | 24.73 | 0.297 | 24.82 | 0.303 | 24.87 | 0.307 |
| 5 | DFT-s-OFDM 16QAM | 1 | 1 | 24.73 | 0.297 | 24.81 | 0.303 | 24.85 | 0.305 |
| 5 | | 1 | 23 | 24.64 | 0.291 | 24.88 | 0.308 | 24.81 | 0.303 |
| 5 | | 12 | 6 | 24.76 | 0.299 | 24.68 | 0.294 | 24.81 | 0.303 |
| 5 | DFT-s-OFDM 64QAM | 1 | 1 | 23.01 | 0.200 | 23.17 | 0.207 | 23.19 | 0.208 |
| 5 | | 1 | 23 | 23.09 | 0.204 | 23.30 | 0.214 | 23.20 | 0.209 |
| 5 | | 12 | 6 | 23.29 | 0.213 | 23.47 | 0.222 | 23.46 | 0.222 |
| 5 | DFT-s-OFDM 256QAM | 1 | 1 | 20.87 | 0.122 | 20.80 | 0.120 | 21.00 | 0.126 |
| 5 | | 1 | 23 | 20.85 | 0.122 | 20.90 | 0.123 | 20.84 | 0.121 |
| 5 | | 12 | 6 | 21.14 | 0.130 | 21.33 | 0.136 | 21.28 | 0.134 |



| EN-DC_7A-N66 | | | | Measured EIRP | | | | | |
|-----------------|----------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 346000 | | 349000 | | 352000 | |
| Frequency (MHz) | | | | 1720 | | 1745 | | 1770 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | CP-OFDM QPSK | 1 | 1 | 24.46 | 0.279 | 24.36 | 0.273 | 24.72 | 0.296 |
| 20 | | 1 | 104 | 24.33 | 0.271 | 24.46 | 0.279 | 24.20 | 0.263 |
| 20 | | 50 | 25 | 24.07 | 0.255 | 24.40 | 0.275 | 24.47 | 0.280 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 23.94 | 0.248 | 23.68 | 0.233 | 24.09 | 0.256 |
| 20 | | 1 | 104 | 23.78 | 0.239 | 24.02 | 0.252 | 23.60 | 0.229 |
| 20 | | 50 | 25 | 23.60 | 0.229 | 23.86 | 0.243 | 24.02 | 0.252 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 22.36 | 0.172 | 22.19 | 0.166 | 22.49 | 0.177 |
| 20 | | 1 | 104 | 22.23 | 0.167 | 22.48 | 0.177 | 22.44 | 0.175 |
| 20 | | 50 | 25 | 22.14 | 0.164 | 22.43 | 0.175 | 22.51 | 0.178 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 19.02 | 0.080 | 18.82 | 0.076 | 19.19 | 0.083 |
| 20 | | 1 | 104 | 18.79 | 0.076 | 19.20 | 0.083 | 19.05 | 0.080 |
| 20 | | 50 | 25 | 19.10 | 0.081 | 19.44 | 0.088 | 19.47 | 0.089 |
| Channel | | | | 344000 | | 349000 | | 354000 | |
| Frequency (MHz) | | | | 1717.5 | | 1745 | | 1772.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | CP-OFDM QPSK | 1 | 1 | 24.33 | 0.271 | 24.38 | 0.274 | 24.43 | 0.277 |
| 15 | | 1 | 77 | 24.13 | 0.259 | 24.39 | 0.275 | 24.12 | 0.258 |
| 15 | | 36 | 18 | 22.72 | 0.187 | 22.88 | 0.194 | 23.07 | 0.203 |
| 15 | CP-OFDM 16QAM | 1 | 1 | 23.87 | 0.244 | 23.87 | 0.244 | 24.04 | 0.254 |
| 15 | | 1 | 77 | 23.57 | 0.228 | 24.04 | 0.254 | 23.55 | 0.226 |
| 15 | | 36 | 18 | 22.84 | 0.192 | 22.90 | 0.195 | 23.09 | 0.204 |
| 15 | CP-OFDM 64QAM | 1 | 1 | 22.21 | 0.166 | 22.19 | 0.166 | 22.40 | 0.174 |
| 15 | | 1 | 77 | 22.01 | 0.159 | 22.46 | 0.176 | 22.28 | 0.169 |
| 15 | | 36 | 18 | 22.18 | 0.165 | 22.32 | 0.171 | 22.42 | 0.175 |
| 15 | CP-OFDM 256QAM | 1 | 1 | 18.91 | 0.078 | 18.96 | 0.079 | 19.24 | 0.084 |
| 15 | | 1 | 77 | 18.76 | 0.075 | 19.31 | 0.085 | 19.10 | 0.081 |
| 15 | | 36 | 18 | 19.23 | 0.084 | 19.33 | 0.086 | 19.45 | 0.088 |
| Channel | | | | 343000 | | 349000 | | 355000 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | CP-OFDM | 1 | 1 | 24.32 | 0.270 | 24.12 | 0.258 | 24.31 | 0.270 |



| | | | | | | | | | |
|-----------------|-------------------|----|----|--------|-------|-------|-------|--------|-------|
| 10 | QPSK | 1 | 50 | 23.95 | 0.248 | 24.58 | 0.287 | 24.30 | 0.269 |
| 10 | | 25 | 12 | 24.10 | 0.257 | 24.37 | 0.274 | 24.43 | 0.277 |
| 10 | CP-OFDM 16QAM | 1 | 1 | 23.75 | 0.237 | 23.71 | 0.235 | 24.04 | 0.254 |
| 10 | | 1 | 50 | 23.65 | 0.232 | 24.00 | 0.251 | 23.73 | 0.236 |
| 10 | | 25 | 12 | 23.65 | 0.232 | 23.86 | 0.243 | 23.87 | 0.244 |
| 10 | CP-OFDM 64QAM | 1 | 1 | 22.14 | 0.164 | 22.19 | 0.166 | 22.40 | 0.174 |
| 10 | | 1 | 50 | 22.00 | 0.158 | 22.39 | 0.173 | 22.32 | 0.171 |
| 10 | | 25 | 12 | 22.18 | 0.165 | 22.34 | 0.171 | 22.34 | 0.171 |
| 10 | CP-OFDM 256QAM | 1 | 1 | 18.80 | 0.076 | 18.75 | 0.075 | 18.99 | 0.079 |
| 10 | | 1 | 50 | 18.77 | 0.075 | 19.06 | 0.081 | 18.93 | 0.078 |
| 10 | | 25 | 12 | 19.11 | 0.081 | 19.37 | 0.086 | 19.33 | 0.086 |
| Channel | | | | 342500 | | 34900 | | 355500 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | CP-OFDM QPSK | 1 | 1 | 24.10 | 0.257 | 24.13 | 0.259 | 24.25 | 0.266 |
| 5 | | 1 | 23 | 23.93 | 0.247 | 24.47 | 0.280 | 24.14 | 0.259 |
| 5 | | 12 | 6 | 24.12 | 0.258 | 24.26 | 0.267 | 24.29 | 0.269 |
| 5 | CP-OFDM 16QAM | 1 | 1 | 23.81 | 0.240 | 23.83 | 0.242 | 23.84 | 0.242 |
| 5 | | 1 | 23 | 23.56 | 0.227 | 23.77 | 0.238 | 23.73 | 0.236 |
| 5 | | 12 | 6 | 23.60 | 0.229 | 23.81 | 0.240 | 23.72 | 0.236 |
| 5 | CP-OFDM 64QAM | 1 | 1 | 22.18 | 0.165 | 22.21 | 0.166 | 22.28 | 0.169 |
| 5 | | 1 | 23 | 21.98 | 0.158 | 22.22 | 0.167 | 22.20 | 0.166 |
| 5 | | 12 | 6 | 22.13 | 0.163 | 22.33 | 0.171 | 22.42 | 0.175 |
| 5 | CP-OFDM 256QAM | 1 | 1 | 18.79 | 0.076 | 18.98 | 0.079 | 18.99 | 0.079 |
| 5 | | 1 | 23 | 18.72 | 0.074 | 18.99 | 0.079 | 18.86 | 0.077 |
| 5 | | 12 | 6 | 19.23 | 0.084 | 19.40 | 0.087 | 19.38 | 0.087 |



| EN-DC_12A-N66 | | | | Measured EIRP | | | | | |
|-----------------|-------------------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 346000 | | 349000 | | 352000 | |
| Frequency (MHz) | | | | 1720 | | 1745 | | 1770 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.70 | 0.295 | 24.74 | 0.298 | 24.75 | 0.299 |
| 20 | | 1 | 104 | 24.62 | 0.290 | 24.95 | 0.313 | 24.52 | 0.283 |
| 20 | | 50 | 25 | 24.58 | 0.287 | 24.92 | 0.310 | 24.56 | 0.286 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.59 | 0.288 | 24.47 | 0.280 | 24.70 | 0.295 |
| 20 | | 1 | 104 | 24.62 | 0.290 | 24.77 | 0.300 | 24.33 | 0.271 |
| 20 | | 50 | 25 | 24.66 | 0.292 | 24.79 | 0.301 | 24.58 | 0.287 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 24.81 | 0.303 | 24.67 | 0.293 | 24.83 | 0.304 |
| 20 | | 1 | 104 | 24.72 | 0.296 | 24.94 | 0.312 | 24.48 | 0.281 |
| 20 | | 50 | 25 | 24.57 | 0.286 | 24.76 | 0.299 | 24.56 | 0.286 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 23.08 | 0.203 | 22.92 | 0.196 | 23.13 | 0.206 |
| 20 | | 1 | 104 | 23.04 | 0.201 | 23.19 | 0.208 | 22.89 | 0.195 |
| 20 | | 50 | 25 | 23.16 | 0.207 | 23.35 | 0.216 | 23.12 | 0.205 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 20.79 | 0.120 | 20.70 | 0.117 | 20.89 | 0.123 |
| 20 | | 1 | 104 | 20.76 | 0.119 | 20.98 | 0.125 | 20.67 | 0.117 |
| 20 | | 50 | 25 | 21.04 | 0.127 | 21.23 | 0.133 | 21.09 | 0.129 |
| Channel | | | | 344000 | | 349000 | | 354000 | |
| Frequency (MHz) | | | | 1717.5 | | 1745 | | 1772.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.74 | 0.298 | 24.58 | 0.287 | 24.59 | 0.288 |
| 15 | | 1 | 77 | 24.67 | 0.293 | 24.92 | 0.310 | 24.46 | 0.279 |
| 15 | | 36 | 18 | 24.60 | 0.288 | 24.70 | 0.295 | 24.53 | 0.284 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 24.54 | 0.284 | 24.70 | 0.295 | 24.61 | 0.289 |
| 15 | | 1 | 77 | 24.48 | 0.281 | 24.86 | 0.306 | 24.50 | 0.282 |
| 15 | | 36 | 18 | 24.59 | 0.288 | 24.74 | 0.298 | 24.56 | 0.286 |
| 15 | DFT-s-OFDM 16QAM | 1 | 1 | 24.74 | 0.298 | 24.71 | 0.296 | 24.66 | 0.292 |
| 15 | | 1 | 77 | 24.62 | 0.290 | 24.92 | 0.310 | 24.44 | 0.278 |
| 15 | | 36 | 18 | 24.60 | 0.288 | 24.67 | 0.293 | 24.55 | 0.285 |
| 15 | DFT-s-OFDM 64QAM | 1 | 1 | 23.06 | 0.202 | 23.00 | 0.200 | 23.06 | 0.202 |
| 15 | | 1 | 77 | 22.91 | 0.195 | 23.28 | 0.213 | 22.90 | 0.195 |
| 15 | | 36 | 18 | 23.06 | 0.202 | 23.22 | 0.210 | 23.08 | 0.203 |
| 15 | DFT-s-OFDM | 1 | 1 | 20.78 | 0.120 | 20.83 | 0.121 | 20.75 | 0.119 |



| | | | | | | | | | |
|-----------------|-------------------------|----|----|--------|-------|--------|-------|--------|-------|
| 15 | 256QAM | 1 | 77 | 20.67 | 0.117 | 21.02 | 0.126 | 20.57 | 0.114 |
| 15 | | 36 | 18 | 21.06 | 0.128 | 21.13 | 0.130 | 20.95 | 0.124 |
| Channel | | | | 343000 | | 349000 | | 355000 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.49 | 0.281 | 24.61 | 0.289 | 24.46 | 0.279 |
| 10 | | 1 | 50 | 24.42 | 0.277 | 24.71 | 0.296 | 24.32 | 0.270 |
| 10 | | 25 | 12 | 24.74 | 0.298 | 24.78 | 0.301 | 24.37 | 0.274 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24.50 | 0.282 | 24.51 | 0.282 | 24.40 | 0.275 |
| 10 | | 1 | 50 | 24.33 | 0.271 | 24.64 | 0.291 | 24.15 | 0.260 |
| 10 | | 25 | 12 | 24.50 | 0.282 | 24.64 | 0.291 | 24.47 | 0.280 |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | 24.62 | 0.290 | 24.68 | 0.294 | 24.36 | 0.273 |
| 10 | | 1 | 50 | 24.46 | 0.279 | 24.69 | 0.294 | 24.27 | 0.267 |
| 10 | | 25 | 12 | 24.51 | 0.282 | 24.63 | 0.290 | 24.34 | 0.272 |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | 22.93 | 0.196 | 22.95 | 0.197 | 22.77 | 0.189 |
| 10 | | 1 | 50 | 22.81 | 0.191 | 22.97 | 0.198 | 22.65 | 0.184 |
| 10 | | 25 | 12 | 22.99 | 0.199 | 23.04 | 0.201 | 22.80 | 0.191 |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | 20.66 | 0.116 | 20.64 | 0.116 | 20.54 | 0.113 |
| 10 | | 1 | 50 | 20.57 | 0.114 | 20.82 | 0.121 | 20.36 | 0.109 |
| 10 | | 25 | 12 | 21.00 | 0.126 | 21.06 | 0.128 | 20.84 | 0.121 |
| Channel | | | | 342500 | | 34900 | | 355500 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.41 | 0.276 | 24.54 | 0.284 | 24.15 | 0.260 |
| 5 | | 1 | 23 | 24.41 | 0.276 | 24.59 | 0.288 | 24.11 | 0.258 |
| 5 | | 12 | 6 | 24.65 | 0.292 | 24.47 | 0.280 | 24.22 | 0.264 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 24.51 | 0.282 | 24.48 | 0.281 | 24.24 | 0.265 |
| 5 | | 1 | 23 | 24.30 | 0.269 | 24.52 | 0.283 | 24.10 | 0.257 |
| 5 | | 12 | 6 | 24.51 | 0.282 | 24.59 | 0.288 | 24.26 | 0.267 |
| 5 | DFT-s-OFDM 16QAM | 1 | 1 | 24.58 | 0.287 | 24.61 | 0.289 | 24.30 | 0.269 |
| 5 | | 1 | 23 | 24.57 | 0.286 | 24.54 | 0.284 | 24.24 | 0.265 |
| 5 | | 12 | 6 | 24.58 | 0.287 | 24.42 | 0.277 | 24.23 | 0.265 |
| 5 | DFT-s-OFDM 64QAM | 1 | 1 | 22.85 | 0.193 | 22.86 | 0.193 | 22.60 | 0.182 |
| 5 | | 1 | 23 | 22.91 | 0.195 | 22.95 | 0.197 | 22.67 | 0.185 |
| 5 | | 12 | 6 | 23.10 | 0.204 | 23.09 | 0.204 | 22.85 | 0.193 |
| 5 | DFT-s-OFDM 256QAM | 1 | 1 | 20.64 | 0.116 | 20.65 | 0.116 | 20.37 | 0.109 |
| 5 | | 1 | 23 | 20.61 | 0.115 | 20.71 | 0.118 | 20.37 | 0.109 |
| 5 | | 12 | 6 | 20.98 | 0.125 | 21.05 | 0.127 | 20.77 | 0.119 |



| EN-DC_12A-N66 | | | | Measured EIRP | | | | | |
|-----------------|----------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 346000 | | 349000 | | 352000 | |
| Frequency (MHz) | | | | 1720 | | 1745 | | 1770 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | CP-OFDM QPSK | 1 | 1 | 24.32 | 0.270 | 24.03 | 0.253 | 24.50 | 0.282 |
| 20 | | 1 | 104 | 23.98 | 0.250 | 24.39 | 0.275 | 23.82 | 0.241 |
| 20 | | 50 | 25 | 24.05 | 0.254 | 24.26 | 0.267 | 24.10 | 0.257 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 23.81 | 0.240 | 23.63 | 0.231 | 23.79 | 0.239 |
| 20 | | 1 | 104 | 23.63 | 0.231 | 23.85 | 0.243 | 23.26 | 0.212 |
| 20 | | 50 | 25 | 23.61 | 0.230 | 23.72 | 0.236 | 23.56 | 0.227 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 22.08 | 0.161 | 22.17 | 0.165 | 22.18 | 0.165 |
| 20 | | 1 | 104 | 21.94 | 0.156 | 22.36 | 0.172 | 21.98 | 0.158 |
| 20 | | 50 | 25 | 22.09 | 0.162 | 22.38 | 0.173 | 22.11 | 0.163 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 18.85 | 0.077 | 18.75 | 0.075 | 18.86 | 0.077 |
| 20 | | 1 | 104 | 18.74 | 0.075 | 18.96 | 0.079 | 18.60 | 0.072 |
| 20 | | 50 | 25 | 19.07 | 0.081 | 19.29 | 0.085 | 19.06 | 0.081 |
| Channel | | | | 344000 | | 349000 | | 354000 | |
| Frequency (MHz) | | | | 1717.5 | | 1745 | | 1772.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | CP-OFDM QPSK | 1 | 1 | 24.12 | 0.258 | 24.03 | 0.253 | 24.04 | 0.254 |
| 15 | | 1 | 77 | 23.76 | 0.238 | 24.02 | 0.252 | 23.71 | 0.235 |
| 15 | | 36 | 18 | 22.63 | 0.183 | 22.73 | 0.187 | 22.65 | 0.184 |
| 15 | CP-OFDM 16QAM | 1 | 1 | 23.69 | 0.234 | 23.72 | 0.236 | 23.71 | 0.235 |
| 15 | | 1 | 77 | 23.48 | 0.223 | 23.74 | 0.237 | 23.23 | 0.210 |
| 15 | | 36 | 18 | 22.74 | 0.188 | 22.81 | 0.191 | 22.59 | 0.182 |
| 15 | CP-OFDM 64QAM | 1 | 1 | 22.11 | 0.163 | 22.12 | 0.163 | 22.06 | 0.161 |
| 15 | | 1 | 77 | 21.88 | 0.154 | 22.07 | 0.161 | 21.84 | 0.153 |
| 15 | | 36 | 18 | 22.18 | 0.165 | 22.23 | 0.167 | 22.03 | 0.160 |
| 15 | CP-OFDM 256QAM | 1 | 1 | 18.82 | 0.076 | 18.81 | 0.076 | 18.75 | 0.075 |
| 15 | | 1 | 77 | 18.69 | 0.074 | 18.97 | 0.079 | 18.56 | 0.072 |
| 15 | | 36 | 18 | 19.05 | 0.080 | 19.17 | 0.083 | 19.06 | 0.081 |
| Channel | | | | 343000 | | 349000 | | 355000 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | CP-OFDM | 1 | 1 | 23.99 | 0.251 | 23.98 | 0.250 | 24.09 | 0.256 |



| | | | | | | | | | |
|-----------------|-------------------|----|----|--------|-------|-------|-------|--------|-------|
| 10 | QPSK | 1 | 50 | 24.11 | 0.258 | 24.34 | 0.272 | 23.64 | 0.231 |
| 10 | | 25 | 12 | 24.06 | 0.255 | 24.16 | 0.261 | 23.86 | 0.243 |
| 10 | CP-OFDM 16QAM | 1 | 1 | 23.59 | 0.229 | 23.60 | 0.229 | 23.51 | 0.224 |
| 10 | | 1 | 50 | 23.45 | 0.221 | 23.64 | 0.231 | 23.34 | 0.216 |
| 10 | | 25 | 12 | 23.49 | 0.223 | 23.61 | 0.230 | 23.40 | 0.219 |
| 10 | CP-OFDM 64QAM | 1 | 1 | 22.08 | 0.161 | 22.01 | 0.159 | 21.93 | 0.156 |
| 10 | | 1 | 50 | 21.92 | 0.156 | 22.13 | 0.163 | 21.73 | 0.149 |
| 10 | | 25 | 12 | 22.04 | 0.160 | 22.10 | 0.162 | 21.86 | 0.153 |
| 10 | CP-OFDM 256QAM | 1 | 1 | 18.73 | 0.075 | 18.75 | 0.075 | 18.61 | 0.073 |
| 10 | | 1 | 50 | 18.63 | 0.073 | 18.81 | 0.076 | 18.53 | 0.071 |
| 10 | | 25 | 12 | 19.02 | 0.080 | 19.07 | 0.081 | 18.87 | 0.077 |
| Channel | | | | 342500 | | 34900 | | 355500 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | CP-OFDM QPSK | 1 | 1 | 23.87 | 0.244 | 24.21 | 0.264 | 24.15 | 0.260 |
| 5 | | 1 | 23 | 23.50 | 0.224 | 23.87 | 0.244 | 23.79 | 0.239 |
| 5 | | 12 | 6 | 23.69 | 0.234 | 23.97 | 0.249 | 23.95 | 0.248 |
| 5 | CP-OFDM 16QAM | 1 | 1 | 23.27 | 0.212 | 23.62 | 0.230 | 23.66 | 0.232 |
| 5 | | 1 | 23 | 23.18 | 0.208 | 23.67 | 0.233 | 23.48 | 0.223 |
| 5 | | 12 | 6 | 23.12 | 0.205 | 23.51 | 0.224 | 23.40 | 0.219 |
| 5 | CP-OFDM 64QAM | 1 | 1 | 21.78 | 0.151 | 21.98 | 0.158 | 21.96 | 0.157 |
| 5 | | 1 | 23 | 21.53 | 0.142 | 22.01 | 0.159 | 21.81 | 0.152 |
| 5 | | 12 | 6 | 21.80 | 0.151 | 22.12 | 0.163 | 21.93 | 0.156 |
| 5 | CP-OFDM 256QAM | 1 | 1 | 18.39 | 0.069 | 18.64 | 0.073 | 18.62 | 0.073 |
| 5 | | 1 | 23 | 18.31 | 0.068 | 18.68 | 0.074 | 18.59 | 0.072 |
| 5 | | 12 | 6 | 18.78 | 0.076 | 19.18 | 0.083 | 19.03 | 0.080 |



| EN-DC_13A-N66 | | | | Measured EIRP | | | | | |
|-----------------|-------------------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 346000 | | 349000 | | 352000 | |
| Frequency (MHz) | | | | 1720 | | 1745 | | 1770 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.74 | 0.298 | 24.66 | 0.292 | 24.83 | 0.304 |
| 20 | | 1 | 104 | 24.88 | 0.308 | 24.90 | 0.309 | 24.65 | 0.292 |
| 20 | | 50 | 25 | 24.82 | 0.303 | 24.89 | 0.308 | 24.86 | 0.306 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.61 | 0.289 | 24.57 | 0.286 | 24.86 | 0.306 |
| 20 | | 1 | 104 | 24.60 | 0.288 | 24.87 | 0.307 | 24.60 | 0.288 |
| 20 | | 50 | 25 | 24.60 | 0.288 | 24.87 | 0.307 | 24.76 | 0.299 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 24.72 | 0.296 | 24.71 | 0.296 | 24.92 | 0.310 |
| 20 | | 1 | 104 | 24.76 | 0.299 | 25.07 | 0.321 | 24.74 | 0.298 |
| 20 | | 50 | 25 | 24.68 | 0.294 | 24.85 | 0.305 | 24.69 | 0.294 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 23.12 | 0.205 | 23.04 | 0.201 | 23.35 | 0.216 |
| 20 | | 1 | 104 | 23.16 | 0.207 | 23.40 | 0.219 | 23.07 | 0.203 |
| 20 | | 50 | 25 | 23.10 | 0.204 | 23.42 | 0.220 | 23.24 | 0.211 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 20.86 | 0.122 | 20.83 | 0.121 | 20.99 | 0.126 |
| 20 | | 1 | 104 | 20.86 | 0.122 | 21.13 | 0.130 | 20.77 | 0.119 |
| 20 | | 50 | 25 | 21.06 | 0.128 | 21.34 | 0.136 | 21.30 | 0.135 |
| Channel | | | | 344000 | | 349000 | | 354000 | |
| Frequency (MHz) | | | | 1717.5 | | 1745 | | 1772.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.76 | 0.299 | 24.64 | 0.291 | 24.83 | 0.304 |
| 15 | | 1 | 77 | 24.68 | 0.294 | 24.93 | 0.311 | 24.64 | 0.291 |
| 15 | | 36 | 18 | 24.63 | 0.290 | 24.75 | 0.299 | 24.60 | 0.288 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 24.52 | 0.283 | 24.62 | 0.290 | 24.55 | 0.285 |
| 15 | | 1 | 77 | 24.43 | 0.277 | 24.72 | 0.296 | 24.58 | 0.287 |
| 15 | | 36 | 18 | 24.64 | 0.291 | 24.79 | 0.301 | 24.69 | 0.294 |
| 15 | DFT-s-OFDM 16QAM | 1 | 1 | 24.73 | 0.297 | 24.71 | 0.296 | 24.73 | 0.297 |
| 15 | | 1 | 77 | 24.67 | 0.293 | 24.94 | 0.312 | 24.65 | 0.292 |
| 15 | | 36 | 18 | 24.64 | 0.291 | 24.76 | 0.299 | 24.70 | 0.295 |
| 15 | DFT-s-OFDM 64QAM | 1 | 1 | 23.07 | 0.203 | 23.12 | 0.205 | 23.13 | 0.206 |
| 15 | | 1 | 77 | 22.92 | 0.196 | 23.25 | 0.211 | 22.99 | 0.199 |
| 15 | | 36 | 18 | 23.22 | 0.210 | 23.32 | 0.215 | 23.17 | 0.207 |
| 15 | DFT-s-OFDM | 1 | 1 | 20.76 | 0.119 | 20.88 | 0.122 | 20.81 | 0.121 |



| | | | | | | | | | |
|-----------------|-------------------------|----|----|--------|-------|--------|-------|--------|-------|
| 15 | 256QAM | 1 | 77 | 20.73 | 0.118 | 21.05 | 0.127 | 20.69 | 0.117 |
| 15 | | 36 | 18 | 21.03 | 0.127 | 21.26 | 0.134 | 21.05 | 0.127 |
| Channel | | | | 343000 | | 349000 | | 355000 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.68 | 0.294 | 24.59 | 0.288 | 24.40 | 0.275 |
| 10 | | 1 | 50 | 24.56 | 0.286 | 24.85 | 0.305 | 24.31 | 0.270 |
| 10 | | 25 | 12 | 24.79 | 0.301 | 24.74 | 0.298 | 24.44 | 0.278 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24.49 | 0.281 | 24.44 | 0.278 | 24.46 | 0.279 |
| 10 | | 1 | 50 | 24.46 | 0.279 | 24.57 | 0.286 | 24.35 | 0.272 |
| 10 | | 25 | 12 | 24.74 | 0.298 | 24.81 | 0.303 | 24.61 | 0.289 |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | 24.60 | 0.288 | 24.76 | 0.299 | 24.55 | 0.285 |
| 10 | | 1 | 50 | 24.59 | 0.288 | 24.82 | 0.303 | 24.43 | 0.277 |
| 10 | | 25 | 12 | 24.58 | 0.287 | 24.65 | 0.292 | 24.55 | 0.285 |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | 22.91 | 0.195 | 23.04 | 0.201 | 22.87 | 0.194 |
| 10 | | 1 | 50 | 22.85 | 0.193 | 23.19 | 0.208 | 22.75 | 0.188 |
| 10 | | 25 | 12 | 22.98 | 0.199 | 23.11 | 0.205 | 22.92 | 0.196 |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | 20.62 | 0.115 | 20.75 | 0.119 | 20.68 | 0.117 |
| 10 | | 1 | 50 | 20.63 | 0.116 | 20.87 | 0.122 | 20.60 | 0.115 |
| 10 | | 25 | 12 | 20.96 | 0.125 | 21.18 | 0.131 | 20.91 | 0.123 |
| Channel | | | | 342500 | | 34900 | | 355500 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.63 | 0.290 | 24.52 | 0.283 | 24.55 | 0.285 |
| 5 | | 1 | 23 | 24.51 | 0.282 | 24.78 | 0.301 | 24.55 | 0.285 |
| 5 | | 12 | 6 | 24.57 | 0.286 | 24.87 | 0.307 | 24.44 | 0.278 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 24.55 | 0.285 | 24.54 | 0.284 | 24.37 | 0.274 |
| 5 | | 1 | 23 | 24.43 | 0.277 | 24.60 | 0.288 | 24.43 | 0.277 |
| 5 | | 12 | 6 | 24.55 | 0.285 | 24.77 | 0.300 | 24.50 | 0.282 |
| 5 | DFT-s-OFDM 16QAM | 1 | 1 | 24.72 | 0.296 | 24.66 | 0.292 | 24.68 | 0.294 |
| 5 | | 1 | 23 | 24.60 | 0.288 | 24.73 | 0.297 | 24.53 | 0.284 |
| 5 | | 12 | 6 | 24.49 | 0.281 | 24.50 | 0.282 | 24.47 | 0.280 |
| 5 | DFT-s-OFDM 64QAM | 1 | 1 | 23.01 | 0.200 | 23.02 | 0.200 | 22.91 | 0.195 |
| 5 | | 1 | 23 | 23.03 | 0.201 | 23.11 | 0.205 | 22.94 | 0.197 |
| 5 | | 12 | 6 | 23.24 | 0.211 | 23.27 | 0.212 | 23.09 | 0.204 |
| 5 | DFT-s-OFDM 256QAM | 1 | 1 | 20.76 | 0.119 | 20.74 | 0.119 | 20.68 | 0.117 |
| 5 | | 1 | 23 | 20.70 | 0.117 | 20.92 | 0.124 | 20.62 | 0.115 |
| 5 | | 12 | 6 | 21.12 | 0.129 | 21.17 | 0.131 | 20.99 | 0.126 |



| EN-DC_13A-N66 | | | | Measured EIRP | | | | | |
|-----------------|----------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 346000 | | 349000 | | 352000 | |
| Frequency (MHz) | | | | 1720 | | 1745 | | 1770 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | CP-OFDM QPSK | 1 | 1 | 24.43 | 0.277 | 24.09 | 0.256 | 24.61 | 0.289 |
| 20 | | 1 | 104 | 24.11 | 0.258 | 24.41 | 0.276 | 23.96 | 0.249 |
| 20 | | 50 | 25 | 24.08 | 0.256 | 24.33 | 0.271 | 24.20 | 0.263 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 23.85 | 0.243 | 23.85 | 0.243 | 23.84 | 0.242 |
| 20 | | 1 | 104 | 23.75 | 0.237 | 23.91 | 0.246 | 23.44 | 0.221 |
| 20 | | 50 | 25 | 23.67 | 0.233 | 23.87 | 0.244 | 23.80 | 0.240 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 22.29 | 0.169 | 22.23 | 0.167 | 22.32 | 0.171 |
| 20 | | 1 | 104 | 22.06 | 0.161 | 22.57 | 0.181 | 22.07 | 0.161 |
| 20 | | 50 | 25 | 22.09 | 0.162 | 22.45 | 0.176 | 22.35 | 0.172 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 18.98 | 0.079 | 18.89 | 0.077 | 19.02 | 0.080 |
| 20 | | 1 | 104 | 18.89 | 0.077 | 19.07 | 0.081 | 18.81 | 0.076 |
| 20 | | 50 | 25 | 19.17 | 0.083 | 19.38 | 0.087 | 19.25 | 0.084 |
| Channel | | | | 344000 | | 349000 | | 354000 | |
| Frequency (MHz) | | | | 1717.5 | | 1745 | | 1772.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | CP-OFDM QPSK | 1 | 1 | 24.18 | 0.262 | 24.28 | 0.268 | 24.09 | 0.256 |
| 15 | | 1 | 77 | 23.91 | 0.246 | 24.24 | 0.265 | 23.86 | 0.243 |
| 15 | | 36 | 18 | 22.72 | 0.187 | 22.80 | 0.191 | 22.74 | 0.188 |
| 15 | CP-OFDM 16QAM | 1 | 1 | 23.76 | 0.238 | 23.80 | 0.240 | 23.77 | 0.238 |
| 15 | | 1 | 77 | 23.55 | 0.226 | 23.79 | 0.239 | 23.47 | 0.222 |
| 15 | | 36 | 18 | 22.75 | 0.188 | 22.83 | 0.192 | 22.78 | 0.190 |
| 15 | CP-OFDM 64QAM | 1 | 1 | 22.16 | 0.164 | 22.10 | 0.162 | 22.11 | 0.163 |
| 15 | | 1 | 77 | 21.96 | 0.157 | 22.31 | 0.170 | 21.95 | 0.157 |
| 15 | | 36 | 18 | 22.16 | 0.164 | 22.26 | 0.168 | 22.10 | 0.162 |
| 15 | CP-OFDM 256QAM | 1 | 1 | 18.81 | 0.076 | 18.90 | 0.078 | 18.82 | 0.076 |
| 15 | | 1 | 77 | 18.76 | 0.075 | 19.01 | 0.080 | 18.67 | 0.074 |
| 15 | | 36 | 18 | 19.12 | 0.082 | 19.27 | 0.085 | 19.15 | 0.082 |
| Channel | | | | 343000 | | 349000 | | 355000 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | CP-OFDM | 1 | 1 | 24.03 | 0.253 | 24.32 | 0.270 | 24.20 | 0.263 |



| | | | | | | | | | |
|-----------------|-------------------|----|----|--------|-------|-------|-------|--------|-------|
| 10 | QPSK | 1 | 50 | 23.90 | 0.245 | 24.14 | 0.259 | 24.08 | 0.256 |
| 10 | | 25 | 12 | 24.15 | 0.260 | 24.27 | 0.267 | 24.01 | 0.252 |
| 10 | CP-OFDM 16QAM | 1 | 1 | 23.67 | 0.233 | 23.66 | 0.232 | 23.65 | 0.232 |
| 10 | | 1 | 50 | 23.57 | 0.228 | 23.88 | 0.244 | 23.51 | 0.224 |
| 10 | | 25 | 12 | 23.51 | 0.224 | 23.74 | 0.237 | 23.54 | 0.226 |
| 10 | CP-OFDM 64QAM | 1 | 1 | 22.07 | 0.161 | 22.06 | 0.161 | 22.07 | 0.161 |
| 10 | | 1 | 50 | 21.99 | 0.158 | 22.14 | 0.164 | 21.97 | 0.157 |
| 10 | | 25 | 12 | 22.13 | 0.163 | 22.23 | 0.167 | 22.03 | 0.160 |
| 10 | CP-OFDM 256QAM | 1 | 1 | 18.68 | 0.074 | 18.74 | 0.075 | 18.70 | 0.074 |
| 10 | | 1 | 50 | 18.74 | 0.075 | 18.94 | 0.078 | 18.65 | 0.073 |
| 10 | | 25 | 12 | 18.98 | 0.079 | 19.20 | 0.083 | 18.97 | 0.079 |
| Channel | | | | 342500 | | 34900 | | 355500 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | CP-OFDM QPSK | 1 | 1 | 24.06 | 0.255 | 24.22 | 0.264 | 23.88 | 0.244 |
| 5 | | 1 | 23 | 24.29 | 0.269 | 24.01 | 0.252 | 24.14 | 0.259 |
| 5 | | 12 | 6 | 24.04 | 0.254 | 24.10 | 0.257 | 23.96 | 0.249 |
| 5 | CP-OFDM 16QAM | 1 | 1 | 23.76 | 0.238 | 23.62 | 0.230 | 23.54 | 0.226 |
| 5 | | 1 | 23 | 23.48 | 0.223 | 23.79 | 0.239 | 23.42 | 0.220 |
| 5 | | 12 | 6 | 23.51 | 0.224 | 23.52 | 0.225 | 23.43 | 0.220 |
| 5 | CP-OFDM 64QAM | 1 | 1 | 22.05 | 0.160 | 22.09 | 0.162 | 22.02 | 0.159 |
| 5 | | 1 | 23 | 21.93 | 0.156 | 22.02 | 0.159 | 21.90 | 0.155 |
| 5 | | 12 | 6 | 22.19 | 0.166 | 22.14 | 0.164 | 22.02 | 0.159 |
| 5 | CP-OFDM 256QAM | 1 | 1 | 18.70 | 0.074 | 18.72 | 0.074 | 18.77 | 0.075 |
| 5 | | 1 | 23 | 18.66 | 0.073 | 18.77 | 0.075 | 18.63 | 0.073 |
| 5 | | 12 | 6 | 19.13 | 0.082 | 19.13 | 0.082 | 19.09 | 0.081 |



| EN-DC_30A-N66 | | | | Measured EIRP | | | | | |
|-----------------|-------------------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 346000 | | 349000 | | 352000 | |
| Frequency (MHz) | | | | 1720 | | 1745 | | 1770 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.98 | 0.315 | 24.85 | 0.305 | 25.07 | 0.321 |
| 20 | | 1 | 104 | 24.86 | 0.306 | 25.09 | 0.323 | 24.78 | 0.301 |
| 20 | | 50 | 25 | 24.74 | 0.298 | 25.00 | 0.316 | 24.79 | 0.301 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 24.86 | 0.306 | 24.79 | 0.301 | 24.92 | 0.310 |
| 20 | | 1 | 104 | 24.72 | 0.296 | 24.93 | 0.311 | 24.60 | 0.288 |
| 20 | | 50 | 25 | 24.74 | 0.298 | 24.98 | 0.315 | 24.87 | 0.307 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 24.89 | 0.308 | 24.83 | 0.304 | 24.96 | 0.313 |
| 20 | | 1 | 104 | 24.77 | 0.300 | 25.05 | 0.320 | 24.81 | 0.303 |
| 20 | | 50 | 25 | 24.73 | 0.297 | 24.85 | 0.305 | 24.79 | 0.301 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 23.22 | 0.210 | 23.57 | 0.228 | 23.37 | 0.217 |
| 20 | | 1 | 104 | 23.21 | 0.209 | 23.46 | 0.222 | 23.23 | 0.210 |
| 20 | | 50 | 25 | 23.26 | 0.212 | 23.45 | 0.221 | 23.32 | 0.215 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 20.95 | 0.124 | 20.89 | 0.123 | 21.10 | 0.129 |
| 20 | | 1 | 104 | 20.89 | 0.123 | 21.21 | 0.132 | 20.89 | 0.123 |
| 20 | | 50 | 25 | 21.15 | 0.130 | 21.39 | 0.138 | 21.32 | 0.136 |
| Channel | | | | 344000 | | 349000 | | 354000 | |
| Frequency (MHz) | | | | 1717.5 | | 1745 | | 1772.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.76 | 0.299 | 24.79 | 0.301 | 24.86 | 0.306 |
| 15 | | 1 | 77 | 24.69 | 0.294 | 25.13 | 0.326 | 24.82 | 0.303 |
| 15 | | 36 | 18 | 24.81 | 0.303 | 25.04 | 0.319 | 24.75 | 0.299 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 24.80 | 0.302 | 24.93 | 0.311 | 24.79 | 0.301 |
| 15 | | 1 | 77 | 24.75 | 0.299 | 25.07 | 0.321 | 24.75 | 0.299 |
| 15 | | 36 | 18 | 24.77 | 0.300 | 24.94 | 0.312 | 24.77 | 0.300 |
| 15 | DFT-s-OFDM 16QAM | 1 | 1 | 24.84 | 0.305 | 24.78 | 0.301 | 24.86 | 0.306 |
| 15 | | 1 | 77 | 24.81 | 0.303 | 25.02 | 0.318 | 24.75 | 0.299 |
| 15 | | 36 | 18 | 24.79 | 0.301 | 24.97 | 0.314 | 24.85 | 0.305 |
| 15 | DFT-s-OFDM 64QAM | 1 | 1 | 23.15 | 0.207 | 23.25 | 0.211 | 23.20 | 0.209 |
| 15 | | 1 | 77 | 23.34 | 0.216 | 23.40 | 0.219 | 23.18 | 0.208 |
| 15 | | 36 | 18 | 23.29 | 0.213 | 23.44 | 0.221 | 23.26 | 0.212 |
| 15 | DFT-s-OFDM | 1 | 1 | 20.94 | 0.124 | 20.98 | 0.125 | 21.09 | 0.129 |



| | | | | | | | | | |
|-----------------|-------------------------|----|----|--------|-------|--------|-------|--------|-------|
| 15 | 256QAM | 1 | 77 | 20.82 | 0.121 | 21.22 | 0.132 | 20.86 | 0.122 |
| 15 | | 36 | 18 | 21.13 | 0.130 | 21.38 | 0.137 | 21.26 | 0.134 |
| Channel | | | | 343000 | | 349000 | | 355000 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.74 | 0.298 | 24.67 | 0.293 | 24.81 | 0.303 |
| 10 | | 1 | 50 | 24.64 | 0.291 | 24.89 | 0.308 | 24.53 | 0.284 |
| 10 | | 25 | 12 | 24.91 | 0.310 | 24.84 | 0.305 | 24.71 | 0.296 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 24.67 | 0.293 | 24.59 | 0.288 | 24.69 | 0.294 |
| 10 | | 1 | 50 | 24.57 | 0.286 | 24.87 | 0.307 | 24.46 | 0.279 |
| 10 | | 25 | 12 | 24.75 | 0.299 | 24.87 | 0.307 | 24.65 | 0.292 |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | 24.70 | 0.295 | 24.74 | 0.298 | 24.73 | 0.297 |
| 10 | | 1 | 50 | 24.72 | 0.296 | 25.01 | 0.317 | 24.56 | 0.286 |
| 10 | | 25 | 12 | 24.77 | 0.300 | 24.85 | 0.305 | 24.68 | 0.294 |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | 23.10 | 0.204 | 23.12 | 0.205 | 23.05 | 0.202 |
| 10 | | 1 | 50 | 23.01 | 0.200 | 23.29 | 0.213 | 23.06 | 0.202 |
| 10 | | 25 | 12 | 23.17 | 0.207 | 23.25 | 0.211 | 23.06 | 0.202 |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | 20.85 | 0.122 | 20.90 | 0.123 | 20.86 | 0.122 |
| 10 | | 1 | 50 | 20.79 | 0.120 | 20.99 | 0.126 | 20.71 | 0.118 |
| 10 | | 25 | 12 | 21.14 | 0.130 | 21.33 | 0.136 | 21.18 | 0.131 |
| Channel | | | | 342500 | | 34900 | | 355500 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 24.69 | 0.294 | 24.68 | 0.294 | 24.53 | 0.284 |
| 5 | | 1 | 23 | 24.59 | 0.288 | 24.78 | 0.301 | 24.47 | 0.280 |
| 5 | | 12 | 6 | 24.75 | 0.299 | 24.83 | 0.304 | 24.59 | 0.288 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 24.62 | 0.290 | 24.72 | 0.296 | 24.56 | 0.286 |
| 5 | | 1 | 23 | 24.62 | 0.290 | 24.71 | 0.296 | 24.49 | 0.281 |
| 5 | | 12 | 6 | 24.69 | 0.294 | 24.87 | 0.307 | 24.62 | 0.290 |
| 5 | DFT-s-OFDM 16QAM | 1 | 1 | 24.78 | 0.301 | 24.77 | 0.300 | 24.70 | 0.295 |
| 5 | | 1 | 23 | 24.67 | 0.293 | 24.84 | 0.305 | 24.61 | 0.289 |
| 5 | | 12 | 6 | 24.77 | 0.300 | 24.73 | 0.297 | 24.66 | 0.292 |
| 5 | DFT-s-OFDM 64QAM | 1 | 1 | 23.11 | 0.205 | 23.12 | 0.205 | 22.97 | 0.198 |
| 5 | | 1 | 23 | 23.04 | 0.201 | 23.24 | 0.211 | 22.91 | 0.195 |
| 5 | | 12 | 6 | 23.38 | 0.218 | 23.41 | 0.219 | 23.20 | 0.209 |
| 5 | DFT-s-OFDM 256QAM | 1 | 1 | 20.91 | 0.123 | 20.86 | 0.122 | 20.73 | 0.118 |
| 5 | | 1 | 23 | 20.86 | 0.122 | 20.97 | 0.125 | 20.72 | 0.118 |
| 5 | | 12 | 6 | 21.15 | 0.130 | 21.27 | 0.134 | 21.10 | 0.129 |



| EN-DC_30A-N66 | | | | Measured EIRP | | | | | |
|-----------------|----------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 346000 | | 349000 | | 352000 | |
| Frequency (MHz) | | | | 1720 | | 1745 | | 1770 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | CP-OFDM QPSK | 1 | 1 | 24.54 | 0.284 | 24.24 | 0.265 | 24.46 | 0.279 |
| 20 | | 1 | 104 | 24.20 | 0.263 | 24.70 | 0.295 | 24.13 | 0.259 |
| 20 | | 50 | 25 | 24.30 | 0.269 | 24.48 | 0.281 | 24.32 | 0.270 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 23.90 | 0.245 | 23.83 | 0.242 | 23.97 | 0.249 |
| 20 | | 1 | 104 | 23.82 | 0.241 | 24.12 | 0.258 | 23.75 | 0.237 |
| 20 | | 50 | 25 | 23.73 | 0.236 | 23.93 | 0.247 | 23.86 | 0.243 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 22.37 | 0.173 | 22.17 | 0.165 | 22.50 | 0.178 |
| 20 | | 1 | 104 | 22.34 | 0.171 | 22.48 | 0.177 | 22.10 | 0.162 |
| 20 | | 50 | 25 | 22.25 | 0.168 | 22.50 | 0.178 | 22.33 | 0.171 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 19.03 | 0.080 | 18.94 | 0.078 | 19.12 | 0.082 |
| 20 | | 1 | 104 | 18.97 | 0.079 | 19.15 | 0.082 | 18.91 | 0.078 |
| 20 | | 50 | 25 | 19.21 | 0.083 | 19.43 | 0.088 | 19.34 | 0.086 |
| Channel | | | | 344000 | | 349000 | | 354000 | |
| Frequency (MHz) | | | | 1717.5 | | 1745 | | 1772.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | CP-OFDM QPSK | 1 | 1 | 24.44 | 0.278 | 24.26 | 0.267 | 24.53 | 0.284 |
| 15 | | 1 | 77 | 24.22 | 0.264 | 24.29 | 0.269 | 23.94 | 0.248 |
| 15 | | 36 | 18 | 22.79 | 0.190 | 22.96 | 0.198 | 22.87 | 0.194 |
| 15 | CP-OFDM 16QAM | 1 | 1 | 23.83 | 0.242 | 23.88 | 0.244 | 23.95 | 0.248 |
| 15 | | 1 | 77 | 23.86 | 0.243 | 24.02 | 0.252 | 23.66 | 0.232 |
| 15 | | 36 | 18 | 22.86 | 0.193 | 22.99 | 0.199 | 22.92 | 0.196 |
| 15 | CP-OFDM 64QAM | 1 | 1 | 22.25 | 0.168 | 22.26 | 0.168 | 22.29 | 0.169 |
| 15 | | 1 | 77 | 22.05 | 0.160 | 22.39 | 0.173 | 22.03 | 0.160 |
| 15 | | 36 | 18 | 22.22 | 0.167 | 22.38 | 0.173 | 22.34 | 0.171 |
| 15 | CP-OFDM 256QAM | 1 | 1 | 18.97 | 0.079 | 19.05 | 0.080 | 19.03 | 0.080 |
| 15 | | 1 | 77 | 18.75 | 0.075 | 19.24 | 0.084 | 18.94 | 0.078 |
| 15 | | 36 | 18 | 19.30 | 0.085 | 19.36 | 0.086 | 19.34 | 0.086 |
| Channel | | | | 343000 | | 349000 | | 355000 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | CP-OFDM | 1 | 1 | 24.37 | 0.274 | 24.41 | 0.276 | 24.08 | 0.256 |



| | | | | | | | | | |
|-----------------|-------------------|----|----|--------|-------|-------|-------|--------|-------|
| 10 | QPSK | 1 | 50 | 24.27 | 0.267 | 24.58 | 0.287 | 24.01 | 0.252 |
| 10 | | 25 | 12 | 24.16 | 0.261 | 24.32 | 0.270 | 24.16 | 0.261 |
| 10 | CP-OFDM 16QAM | 1 | 1 | 23.91 | 0.246 | 23.83 | 0.242 | 23.82 | 0.241 |
| 10 | | 1 | 50 | 23.63 | 0.231 | 23.90 | 0.245 | 23.63 | 0.231 |
| 10 | | 25 | 12 | 23.63 | 0.231 | 23.83 | 0.242 | 23.67 | 0.233 |
| 10 | CP-OFDM 64QAM | 1 | 1 | 22.18 | 0.165 | 22.18 | 0.165 | 22.17 | 0.165 |
| 10 | | 1 | 50 | 22.14 | 0.164 | 22.38 | 0.173 | 22.02 | 0.159 |
| 10 | | 25 | 12 | 22.24 | 0.167 | 22.37 | 0.173 | 22.23 | 0.167 |
| 10 | CP-OFDM 256QAM | 1 | 1 | 18.95 | 0.079 | 18.93 | 0.078 | 18.91 | 0.078 |
| 10 | | 1 | 50 | 18.82 | 0.076 | 19.04 | 0.080 | 18.84 | 0.077 |
| 10 | | 25 | 12 | 19.17 | 0.083 | 19.34 | 0.086 | 19.15 | 0.082 |
| Channel | | | | 342500 | | 34900 | | 355500 | |
| Frequency (MHz) | | | | 1712.5 | | 1745 | | 1777.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | CP-OFDM QPSK | 1 | 1 | 24.35 | 0.272 | 24.43 | 0.277 | 24.23 | 0.265 |
| 5 | | 1 | 23 | 24.30 | 0.269 | 24.46 | 0.279 | 24.20 | 0.263 |
| 5 | | 12 | 6 | 24.15 | 0.260 | 24.29 | 0.269 | 24.04 | 0.254 |
| 5 | CP-OFDM 16QAM | 1 | 1 | 23.76 | 0.238 | 23.83 | 0.242 | 23.64 | 0.231 |
| 5 | | 1 | 23 | 23.72 | 0.236 | 23.76 | 0.238 | 23.75 | 0.237 |
| 5 | | 12 | 6 | 23.63 | 0.231 | 23.77 | 0.238 | 23.57 | 0.228 |
| 5 | CP-OFDM 64QAM | 1 | 1 | 22.11 | 0.163 | 22.23 | 0.167 | 22.25 | 0.168 |
| 5 | | 1 | 23 | 22.09 | 0.162 | 22.28 | 0.169 | 22.02 | 0.159 |
| 5 | | 12 | 6 | 22.25 | 0.168 | 22.31 | 0.170 | 22.05 | 0.160 |
| 5 | CP-OFDM 256QAM | 1 | 1 | 18.86 | 0.077 | 19.02 | 0.080 | 18.73 | 0.075 |
| 5 | | 1 | 23 | 18.82 | 0.076 | 18.98 | 0.079 | 18.69 | 0.074 |
| 5 | | 12 | 6 | 19.34 | 0.086 | 19.35 | 0.086 | 19.18 | 0.083 |



| EN-DC_2A-N71 | | | | Measured EIRP | | | | | |
|-----------------|-------------------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 134600 | | 136100 | | 137600 | |
| Frequency (MHz) | | | | 673 | | 680.5 | | 688 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.37 | 0.173 | 22.25 | 0.168 | 22.29 | 0.169 |
| 20 | | 1 | 104 | 22.04 | 0.160 | 21.89 | 0.155 | 21.79 | 0.151 |
| 20 | | 50 | 25 | 22.25 | 0.168 | 22.35 | 0.172 | 22.03 | 0.160 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.15 | 0.164 | 22.20 | 0.166 | 22.24 | 0.167 |
| 20 | | 1 | 104 | 22.14 | 0.164 | 21.92 | 0.156 | 21.75 | 0.150 |
| 20 | | 50 | 25 | 22.33 | 0.171 | 22.19 | 0.166 | 22.20 | 0.166 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 22.39 | 0.173 | 22.20 | 0.166 | 22.26 | 0.168 |
| 20 | | 1 | 104 | 22.18 | 0.165 | 22.11 | 0.163 | 21.90 | 0.155 |
| 20 | | 50 | 25 | 22.31 | 0.170 | 22.13 | 0.163 | 22.17 | 0.165 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 20.69 | 0.117 | 20.56 | 0.114 | 20.59 | 0.115 |
| 20 | | 1 | 104 | 20.44 | 0.111 | 20.45 | 0.111 | 20.23 | 0.105 |
| 20 | | 50 | 25 | 20.73 | 0.118 | 20.73 | 0.118 | 20.60 | 0.115 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 18.42 | 0.070 | 18.22 | 0.066 | 18.27 | 0.067 |
| 20 | | 1 | 104 | 18.27 | 0.067 | 18.10 | 0.065 | 17.99 | 0.063 |
| 20 | | 50 | 25 | 18.66 | 0.073 | 18.56 | 0.072 | 18.52 | 0.071 |
| Channel | | | | 134100 | | 136100 | | 138100 | |
| Frequency (MHz) | | | | 670.5 | | 680.5 | | 690.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.46 | 0.176 | 22.14 | 0.164 | 21.76 | 0.150 |
| 15 | | 1 | 77 | 22.16 | 0.164 | 22.22 | 0.167 | 22.05 | 0.160 |
| 15 | | 36 | 18 | 22.15 | 0.164 | 22.27 | 0.169 | 22.13 | 0.163 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.25 | 0.168 | 22.01 | 0.159 | 22.02 | 0.159 |
| 15 | | 1 | 77 | 22.18 | 0.165 | 22.03 | 0.160 | 21.85 | 0.153 |
| 15 | | 36 | 18 | 22.23 | 0.167 | 22.20 | 0.166 | 22.05 | 0.160 |
| 15 | DFT-s-OFDM 16QAM | 1 | 1 | 22.42 | 0.175 | 22.29 | 0.169 | 22.27 | 0.169 |
| 15 | | 1 | 77 | 22.19 | 0.166 | 22.25 | 0.168 | 21.99 | 0.158 |
| 15 | | 36 | 18 | 22.26 | 0.168 | 22.22 | 0.167 | 22.12 | 0.163 |
| 15 | DFT-s-OFDM 64QAM | 1 | 1 | 20.77 | 0.119 | 20.64 | 0.116 | 20.68 | 0.117 |
| 15 | | 1 | 77 | 20.64 | 0.116 | 20.60 | 0.115 | 20.34 | 0.108 |
| 15 | | 36 | 18 | 20.79 | 0.120 | 20.76 | 0.119 | 20.68 | 0.117 |
| 15 | DFT-s-OFDM | 1 | 1 | 18.45 | 0.070 | 18.32 | 0.068 | 18.16 | 0.065 |



| | | | | | | | | | |
|-----------------|-------------------------|----|----|--------|-------|--------|-------|--------|-------|
| 15 | 256QAM | 1 | 77 | 18.29 | 0.067 | 18.24 | 0.067 | 17.87 | 0.061 |
| 15 | | 36 | 18 | 18.66 | 0.073 | 18.61 | 0.073 | 18.54 | 0.071 |
| Channel | | | | 133600 | | 136100 | | 138600 | |
| Frequency (MHz) | | | | 668 | | 680.5 | | 693 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.08 | 0.161 | 22.15 | 0.164 | 22.05 | 0.160 |
| 10 | | 1 | 50 | 22.12 | 0.163 | 21.98 | 0.158 | 21.75 | 0.150 |
| 10 | | 25 | 12 | 22.18 | 0.165 | 22.09 | 0.162 | 22.23 | 0.167 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.01 | 0.159 | 22.00 | 0.158 | 22.07 | 0.161 |
| 10 | | 1 | 50 | 22.05 | 0.160 | 21.88 | 0.154 | 21.95 | 0.157 |
| 10 | | 25 | 12 | 22.23 | 0.167 | 22.20 | 0.166 | 21.98 | 0.158 |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | 22.22 | 0.167 | 22.09 | 0.162 | 22.01 | 0.159 |
| 10 | | 1 | 50 | 22.05 | 0.160 | 21.99 | 0.158 | 21.80 | 0.151 |
| 10 | | 25 | 12 | 21.94 | 0.156 | 22.04 | 0.160 | 22.03 | 0.160 |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | 20.54 | 0.113 | 20.42 | 0.110 | 20.72 | 0.118 |
| 10 | | 1 | 50 | 20.40 | 0.110 | 20.45 | 0.111 | 20.52 | 0.113 |
| 10 | | 25 | 12 | 20.59 | 0.115 | 20.47 | 0.111 | 20.50 | 0.112 |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | 18.27 | 0.067 | 18.16 | 0.065 | 18.20 | 0.066 |
| 10 | | 1 | 50 | 18.20 | 0.066 | 18.16 | 0.065 | 17.98 | 0.063 |
| 10 | | 25 | 12 | 18.60 | 0.072 | 18.48 | 0.070 | 18.43 | 0.070 |
| Channel | | | | 133100 | | 136100 | | 139100 | |
| Frequency (MHz) | | | | 665.5 | | 680.5 | | 695.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.20 | 0.166 | 22.14 | 0.164 | 22.00 | 0.158 |
| 5 | | 1 | 23 | 22.10 | 0.162 | 22.00 | 0.158 | 21.73 | 0.149 |
| 5 | | 12 | 6 | 22.10 | 0.162 | 22.00 | 0.158 | 22.02 | 0.159 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 22.18 | 0.165 | 22.08 | 0.161 | 21.94 | 0.156 |
| 5 | | 1 | 23 | 22.12 | 0.163 | 21.98 | 0.158 | 21.75 | 0.150 |
| 5 | | 12 | 6 | 22.14 | 0.164 | 22.04 | 0.160 | 21.87 | 0.154 |
| 5 | DFT-s-OFDM 16QAM | 1 | 1 | 22.24 | 0.167 | 22.21 | 0.166 | 22.09 | 0.162 |
| 5 | | 1 | 23 | 22.15 | 0.164 | 22.08 | 0.161 | 21.76 | 0.150 |
| 5 | | 12 | 6 | 22.28 | 0.169 | 21.96 | 0.157 | 21.82 | 0.152 |
| 5 | DFT-s-OFDM 64QAM | 1 | 1 | 20.56 | 0.114 | 20.61 | 0.115 | 20.39 | 0.109 |
| 5 | | 1 | 23 | 20.55 | 0.114 | 20.37 | 0.109 | 20.22 | 0.105 |
| 5 | | 12 | 6 | 20.74 | 0.119 | 20.58 | 0.114 | 20.54 | 0.113 |
| 5 | DFT-s-OFDM 256QAM | 1 | 1 | 18.36 | 0.069 | 18.25 | 0.067 | 18.15 | 0.065 |
| 5 | | 1 | 23 | 18.24 | 0.067 | 18.22 | 0.066 | 18.39 | 0.069 |
| 5 | | 12 | 6 | 18.68 | 0.074 | 18.56 | 0.072 | 17.87 | 0.061 |



| EN-DC_2A-N71 | | | | Measured ERP | | | | | |
|-----------------|----------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 134600 | | 136100 | | 137600 | |
| Frequency (MHz) | | | | 673 | | 680.5 | | 688 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | CP-OFDM QPSK | 1 | 1 | 21.98 | 0.158 | 21.50 | 0.141 | 21.64 | 0.146 |
| 20 | | 1 | 104 | 21.75 | 0.150 | 21.70 | 0.148 | 21.48 | 0.141 |
| 20 | | 50 | 25 | 21.77 | 0.150 | 21.58 | 0.144 | 21.65 | 0.146 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 21.34 | 0.136 | 20.91 | 0.123 | 21.23 | 0.133 |
| 20 | | 1 | 104 | 21.08 | 0.128 | 21.08 | 0.128 | 20.77 | 0.119 |
| 20 | | 50 | 25 | 21.24 | 0.133 | 21.22 | 0.132 | 21.12 | 0.129 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 19.76 | 0.095 | 19.87 | 0.097 | 19.63 | 0.092 |
| 20 | | 1 | 104 | 19.42 | 0.087 | 19.59 | 0.091 | 19.21 | 0.083 |
| 20 | | 50 | 25 | 19.78 | 0.095 | 19.77 | 0.095 | 19.63 | 0.092 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 16.35 | 0.043 | 16.35 | 0.043 | 16.34 | 0.043 |
| 20 | | 1 | 104 | 16.18 | 0.041 | 16.15 | 0.041 | 16.02 | 0.040 |
| 20 | | 50 | 25 | 16.71 | 0.047 | 16.65 | 0.046 | 16.55 | 0.045 |
| Channel | | | | 134100 | | 136100 | | 138100 | |
| Frequency (MHz) | | | | 670.5 | | 680.5 | | 690.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | CP-OFDM QPSK | 1 | 1 | 21.80 | 0.151 | 21.64 | 0.146 | 21.87 | 0.154 |
| 15 | | 1 | 77 | 21.71 | 0.148 | 21.72 | 0.149 | 21.47 | 0.140 |
| 15 | | 36 | 18 | 20.34 | 0.108 | 20.27 | 0.106 | 20.08 | 0.102 |
| 15 | CP-OFDM 16QAM | 1 | 1 | 21.34 | 0.136 | 21.39 | 0.138 | 21.12 | 0.129 |
| 15 | | 1 | 77 | 21.08 | 0.128 | 20.94 | 0.124 | 20.62 | 0.115 |
| 15 | | 36 | 18 | 20.42 | 0.110 | 20.24 | 0.106 | 20.15 | 0.104 |
| 15 | CP-OFDM 64QAM | 1 | 1 | 19.77 | 0.095 | 19.72 | 0.094 | 19.51 | 0.089 |
| 15 | | 1 | 77 | 19.50 | 0.089 | 19.44 | 0.088 | 19.17 | 0.083 |
| 15 | | 36 | 18 | 19.82 | 0.096 | 19.72 | 0.094 | 19.56 | 0.090 |
| 15 | CP-OFDM 256QAM | 1 | 1 | 16.52 | 0.045 | 16.30 | 0.043 | 16.35 | 0.043 |
| 15 | | 1 | 77 | 16.38 | 0.043 | 16.20 | 0.042 | 15.98 | 0.040 |
| 15 | | 36 | 18 | 16.78 | 0.048 | 16.67 | 0.046 | 16.52 | 0.045 |
| Channel | | | | 133600 | | 136100 | | 138600 | |
| Frequency (MHz) | | | | 668 | | 680.5 | | 693 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | CP-OFDM | 1 | 1 | 21.71 | 0.148 | 21.37 | 0.137 | 21.56 | 0.143 |



| | | | | | | | | | |
|-----------------|-------------------|----|----|--------|-------|--------|-------|--------|-------|
| 10 | QPSK | 1 | 50 | 21.35 | 0.136 | 21.42 | 0.139 | 21.56 | 0.143 |
| 10 | | 25 | 12 | 21.40 | 0.138 | 21.41 | 0.138 | 21.49 | 0.141 |
| 10 | CP-OFDM 16QAM | 1 | 1 | 21.05 | 0.127 | 20.81 | 0.121 | 21.13 | 0.130 |
| 10 | | 1 | 50 | 20.60 | 0.115 | 21.06 | 0.128 | 20.88 | 0.122 |
| 10 | | 25 | 12 | 20.81 | 0.121 | 20.95 | 0.124 | 20.97 | 0.125 |
| 10 | CP-OFDM 64QAM | 1 | 1 | 19.50 | 0.089 | 19.63 | 0.092 | 19.52 | 0.090 |
| 10 | | 1 | 50 | 19.15 | 0.082 | 19.43 | 0.088 | 19.28 | 0.085 |
| 10 | | 25 | 12 | 19.33 | 0.086 | 19.59 | 0.091 | 19.45 | 0.088 |
| 10 | CP-OFDM 256QAM | 1 | 1 | 16.16 | 0.041 | 16.40 | 0.044 | 16.25 | 0.042 |
| 10 | | 1 | 50 | 15.84 | 0.038 | 16.30 | 0.043 | 16.00 | 0.040 |
| 10 | | 25 | 12 | 16.40 | 0.044 | 16.60 | 0.046 | 16.43 | 0.044 |
| Channel | | | | 133100 | | 136100 | | 139100 | |
| Frequency (MHz) | | | | 665.5 | | 680.5 | | 695.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | CP-OFDM QPSK | 1 | 1 | 21.49 | 0.141 | 21.89 | 0.155 | 21.71 | 0.148 |
| 5 | | 1 | 23 | 21.61 | 0.145 | 21.39 | 0.138 | 21.35 | 0.136 |
| 5 | | 12 | 6 | 21.50 | 0.141 | 21.51 | 0.142 | 21.40 | 0.138 |
| 5 | CP-OFDM 16QAM | 1 | 1 | 20.94 | 0.124 | 21.20 | 0.132 | 21.05 | 0.127 |
| 5 | | 1 | 23 | 21.05 | 0.127 | 21.00 | 0.126 | 20.60 | 0.115 |
| 5 | | 12 | 6 | 21.04 | 0.127 | 20.94 | 0.124 | 20.81 | 0.121 |
| 5 | CP-OFDM 64QAM | 1 | 1 | 19.43 | 0.088 | 19.49 | 0.089 | 19.50 | 0.089 |
| 5 | | 1 | 23 | 19.45 | 0.088 | 19.39 | 0.087 | 19.15 | 0.082 |
| 5 | | 12 | 6 | 19.65 | 0.092 | 19.55 | 0.090 | 19.33 | 0.086 |
| 5 | CP-OFDM 256QAM | 1 | 1 | 16.45 | 0.044 | 16.33 | 0.043 | 16.16 | 0.041 |
| 5 | | 1 | 23 | 16.18 | 0.041 | 16.14 | 0.041 | 15.84 | 0.038 |
| 5 | | 12 | 6 | 16.68 | 0.047 | 16.52 | 0.045 | 16.40 | 0.044 |



| EN-DC_7A-N71 | | | | Measured ERP | | | | | |
|-----------------|-------------------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 134600 | | 136100 | | 137600 | |
| Frequency (MHz) | | | | 673 | | 680.5 | | 688 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.51 | 0.178 | 22.39 | 0.173 | 22.45 | 0.176 |
| 20 | | 1 | 104 | 22.35 | 0.172 | 22.44 | 0.175 | 22.33 | 0.171 |
| 20 | | 50 | 25 | 22.37 | 0.173 | 22.44 | 0.175 | 22.50 | 0.178 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.43 | 0.175 | 22.20 | 0.166 | 22.29 | 0.169 |
| 20 | | 1 | 104 | 22.45 | 0.176 | 22.35 | 0.172 | 22.31 | 0.170 |
| 20 | | 50 | 25 | 22.37 | 0.173 | 22.50 | 0.178 | 22.51 | 0.178 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 22.50 | 0.178 | 22.34 | 0.171 | 22.50 | 0.178 |
| 20 | | 1 | 104 | 22.46 | 0.176 | 22.48 | 0.177 | 22.36 | 0.172 |
| 20 | | 50 | 25 | 22.22 | 0.167 | 22.38 | 0.173 | 22.54 | 0.179 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 20.80 | 0.120 | 20.65 | 0.116 | 20.87 | 0.122 |
| 20 | | 1 | 104 | 20.83 | 0.121 | 20.85 | 0.122 | 20.71 | 0.118 |
| 20 | | 50 | 25 | 20.75 | 0.119 | 20.94 | 0.124 | 21.03 | 0.127 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 18.49 | 0.071 | 18.33 | 0.068 | 18.47 | 0.070 |
| 20 | | 1 | 104 | 18.61 | 0.073 | 18.51 | 0.071 | 18.37 | 0.069 |
| 20 | | 50 | 25 | 18.71 | 0.074 | 18.92 | 0.078 | 18.92 | 0.078 |
| Channel | | | | 134100 | | 136100 | | 138100 | |
| Frequency (MHz) | | | | 670.5 | | 680.5 | | 690.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.52 | 0.179 | 22.23 | 0.167 | 22.40 | 0.174 |
| 15 | | 1 | 77 | 22.41 | 0.174 | 22.34 | 0.171 | 22.21 | 0.166 |
| 15 | | 36 | 18 | 22.24 | 0.167 | 22.03 | 0.160 | 21.92 | 0.156 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.36 | 0.172 | 22.26 | 0.168 | 22.44 | 0.175 |
| 15 | | 1 | 77 | 22.33 | 0.171 | 22.44 | 0.175 | 22.32 | 0.171 |
| 15 | | 36 | 18 | 22.28 | 0.169 | 22.46 | 0.176 | 22.41 | 0.174 |
| 15 | DFT-s-OFDM 16QAM | 1 | 1 | 22.49 | 0.177 | 22.34 | 0.171 | 22.52 | 0.179 |
| 15 | | 1 | 77 | 22.38 | 0.173 | 22.53 | 0.179 | 22.29 | 0.169 |
| 15 | | 36 | 18 | 22.31 | 0.170 | 22.44 | 0.175 | 22.46 | 0.176 |
| 15 | DFT-s-OFDM 64QAM | 1 | 1 | 20.82 | 0.121 | 20.60 | 0.115 | 20.79 | 0.120 |
| 15 | | 1 | 77 | 20.65 | 0.116 | 20.84 | 0.121 | 20.88 | 0.122 |
| 15 | | 36 | 18 | 20.80 | 0.120 | 20.94 | 0.124 | 21.00 | 0.126 |
| 15 | DFT-s-OFDM | 1 | 1 | 18.53 | 0.071 | 18.36 | 0.069 | 18.46 | 0.070 |



| | | | | | | | | | |
|-----------------|-------------------------|----|----|--------|-------|--------|-------|--------|-------|
| 15 | 256QAM | 1 | 77 | 18.51 | 0.071 | 18.64 | 0.073 | 18.41 | 0.069 |
| 15 | | 36 | 18 | 18.71 | 0.074 | 18.85 | 0.077 | 18.88 | 0.077 |
| Channel | | | | 133600 | | 136100 | | 138600 | |
| Frequency (MHz) | | | | 668 | | 680.5 | | 693 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.32 | 0.171 | 22.15 | 0.164 | 22.49 | 0.177 |
| 10 | | 1 | 50 | 22.02 | 0.159 | 22.52 | 0.179 | 22.24 | 0.167 |
| 10 | | 25 | 12 | 22.28 | 0.169 | 22.32 | 0.171 | 22.47 | 0.177 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.23 | 0.167 | 22.17 | 0.165 | 22.42 | 0.175 |
| 10 | | 1 | 50 | 22.03 | 0.160 | 22.27 | 0.169 | 22.19 | 0.166 |
| 10 | | 25 | 12 | 22.29 | 0.169 | 22.52 | 0.179 | 22.41 | 0.174 |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | 22.23 | 0.167 | 22.17 | 0.165 | 22.46 | 0.176 |
| 10 | | 1 | 50 | 22.13 | 0.163 | 22.51 | 0.178 | 22.24 | 0.167 |
| 10 | | 25 | 12 | 22.18 | 0.165 | 22.40 | 0.174 | 22.30 | 0.170 |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | 20.67 | 0.117 | 20.53 | 0.113 | 20.74 | 0.119 |
| 10 | | 1 | 50 | 20.48 | 0.112 | 20.85 | 0.122 | 20.53 | 0.113 |
| 10 | | 25 | 12 | 20.62 | 0.115 | 20.82 | 0.121 | 20.76 | 0.119 |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | 18.29 | 0.067 | 18.22 | 0.066 | 18.48 | 0.070 |
| 10 | | 1 | 50 | 18.10 | 0.065 | 18.59 | 0.072 | 18.26 | 0.067 |
| 10 | | 25 | 12 | 18.68 | 0.074 | 18.86 | 0.077 | 18.77 | 0.075 |
| Channel | | | | 133100 | | 136100 | | 139100 | |
| Frequency (MHz) | | | | 665.5 | | 680.5 | | 695.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.31 | 0.170 | 22.32 | 0.171 | 22.58 | 0.181 |
| 5 | | 1 | 23 | 22.21 | 0.166 | 22.17 | 0.165 | 22.17 | 0.165 |
| 5 | | 12 | 6 | 22.41 | 0.174 | 22.26 | 0.168 | 22.33 | 0.171 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 22.07 | 0.161 | 22.22 | 0.167 | 22.33 | 0.171 |
| 5 | | 1 | 23 | 22.09 | 0.162 | 22.19 | 0.166 | 22.15 | 0.164 |
| 5 | | 12 | 6 | 22.27 | 0.169 | 22.36 | 0.172 | 22.30 | 0.170 |
| 5 | DFT-s-OFDM 16QAM | 1 | 1 | 22.32 | 0.171 | 22.34 | 0.171 | 22.39 | 0.173 |
| 5 | | 1 | 23 | 22.14 | 0.164 | 22.33 | 0.171 | 22.25 | 0.168 |
| 5 | | 12 | 6 | 22.29 | 0.169 | 22.23 | 0.167 | 22.29 | 0.169 |
| 5 | DFT-s-OFDM 64QAM | 1 | 1 | 20.59 | 0.115 | 20.70 | 0.117 | 20.80 | 0.120 |
| 5 | | 1 | 23 | 20.51 | 0.112 | 20.59 | 0.115 | 20.53 | 0.113 |
| 5 | | 12 | 6 | 20.74 | 0.119 | 20.92 | 0.124 | 20.92 | 0.124 |
| 5 | DFT-s-OFDM 256QAM | 1 | 1 | 18.41 | 0.069 | 18.43 | 0.070 | 18.47 | 0.070 |
| 5 | | 1 | 23 | 18.27 | 0.067 | 18.39 | 0.069 | 18.28 | 0.067 |
| 5 | | 12 | 6 | 18.74 | 0.075 | 18.80 | 0.076 | 18.72 | 0.074 |



| EN-DC_7A-N71 | | | | Measured ERP | | | | | |
|-----------------|----------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 134600 | | 136100 | | 137600 | |
| Frequency (MHz) | | | | 673 | | 680.5 | | 688 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | CP-OFDM QPSK | 1 | 1 | 22.13 | 0.163 | 21.85 | 0.153 | 21.84 | 0.153 |
| 20 | | 1 | 104 | 21.80 | 0.151 | 21.95 | 0.157 | 21.83 | 0.152 |
| 20 | | 50 | 25 | 21.79 | 0.151 | 21.89 | 0.155 | 21.91 | 0.155 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 21.62 | 0.145 | 21.39 | 0.138 | 21.57 | 0.144 |
| 20 | | 1 | 104 | 21.42 | 0.139 | 21.45 | 0.140 | 21.33 | 0.136 |
| 20 | | 50 | 25 | 21.33 | 0.136 | 21.41 | 0.138 | 21.45 | 0.140 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 20.10 | 0.102 | 19.73 | 0.094 | 19.94 | 0.099 |
| 20 | | 1 | 104 | 19.94 | 0.099 | 19.90 | 0.098 | 19.79 | 0.095 |
| 20 | | 50 | 25 | 19.86 | 0.097 | 19.90 | 0.098 | 19.96 | 0.099 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 16.75 | 0.047 | 16.63 | 0.046 | 16.68 | 0.047 |
| 20 | | 1 | 104 | 16.79 | 0.048 | 16.74 | 0.047 | 16.62 | 0.046 |
| 20 | | 50 | 25 | 17.00 | 0.050 | 17.14 | 0.052 | 17.09 | 0.051 |
| Channel | | | | 134100 | | 136100 | | 138100 | |
| Frequency (MHz) | | | | 670.5 | | 680.5 | | 690.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | CP-OFDM QPSK | 1 | 1 | 21.91 | 0.155 | 21.68 | 0.147 | 21.78 | 0.151 |
| 15 | | 1 | 77 | 21.93 | 0.156 | 22.11 | 0.163 | 21.56 | 0.143 |
| 15 | | 36 | 18 | 20.45 | 0.111 | 20.32 | 0.108 | 20.55 | 0.114 |
| 15 | CP-OFDM 16QAM | 1 | 1 | 21.51 | 0.142 | 21.36 | 0.137 | 21.48 | 0.141 |
| 15 | | 1 | 77 | 21.24 | 0.133 | 21.29 | 0.135 | 21.08 | 0.128 |
| 15 | | 36 | 18 | 20.38 | 0.109 | 20.36 | 0.109 | 20.58 | 0.114 |
| 15 | CP-OFDM 64QAM | 1 | 1 | 19.91 | 0.098 | 19.72 | 0.094 | 19.84 | 0.096 |
| 15 | | 1 | 77 | 19.71 | 0.094 | 19.76 | 0.095 | 19.60 | 0.091 |
| 15 | | 36 | 18 | 19.91 | 0.098 | 19.80 | 0.095 | 20.02 | 0.100 |
| 15 | CP-OFDM 256QAM | 1 | 1 | 16.83 | 0.048 | 16.62 | 0.046 | 16.85 | 0.048 |
| 15 | | 1 | 77 | 16.75 | 0.047 | 16.68 | 0.047 | 16.65 | 0.046 |
| 15 | | 36 | 18 | 17.06 | 0.051 | 17.05 | 0.051 | 17.03 | 0.050 |
| Channel | | | | 133600 | | 136100 | | 138600 | |
| Frequency (MHz) | | | | 668 | | 680.5 | | 693 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | CP-OFDM | 1 | 1 | 21.71 | 0.148 | 21.85 | 0.153 | 22.11 | 0.163 |



| | | | | | | | | | |
|-----------------|-------------------|----|----|--------|-------|--------|-------|--------|-------|
| 10 | QPSK | 1 | 50 | 21.82 | 0.152 | 21.85 | 0.153 | 21.65 | 0.146 |
| 10 | | 25 | 12 | 21.78 | 0.151 | 21.91 | 0.155 | 21.83 | 0.152 |
| 10 | CP-OFDM 16QAM | 1 | 1 | 21.24 | 0.133 | 21.23 | 0.133 | 21.47 | 0.140 |
| 10 | | 1 | 50 | 21.19 | 0.132 | 21.54 | 0.143 | 21.28 | 0.134 |
| 10 | | 25 | 12 | 21.16 | 0.131 | 21.38 | 0.137 | 21.39 | 0.138 |
| 10 | CP-OFDM 64QAM | 1 | 1 | 19.69 | 0.093 | 19.58 | 0.091 | 19.84 | 0.096 |
| 10 | | 1 | 50 | 19.61 | 0.091 | 19.82 | 0.096 | 19.74 | 0.094 |
| 10 | | 25 | 12 | 19.74 | 0.094 | 19.89 | 0.097 | 19.83 | 0.096 |
| 10 | CP-OFDM 256QAM | 1 | 1 | 16.63 | 0.046 | 16.41 | 0.044 | 16.75 | 0.047 |
| 10 | | 1 | 50 | 16.50 | 0.045 | 16.67 | 0.046 | 16.69 | 0.047 |
| 10 | | 25 | 12 | 16.81 | 0.048 | 17.01 | 0.050 | 17.04 | 0.051 |
| Channel | | | | 133100 | | 136100 | | 139100 | |
| Frequency (MHz) | | | | 665.5 | | 680.5 | | 695.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | CP-OFDM QPSK | 1 | 1 | 21.61 | 0.145 | 21.95 | 0.157 | 22.09 | 0.162 |
| 5 | | 1 | 23 | 21.79 | 0.151 | 21.91 | 0.155 | 21.48 | 0.141 |
| 5 | | 12 | 6 | 21.63 | 0.146 | 21.81 | 0.152 | 21.66 | 0.147 |
| 5 | CP-OFDM 16QAM | 1 | 1 | 21.20 | 0.132 | 21.36 | 0.137 | 21.37 | 0.137 |
| 5 | | 1 | 23 | 21.30 | 0.135 | 21.08 | 0.128 | 20.98 | 0.125 |
| 5 | | 12 | 6 | 21.09 | 0.129 | 21.15 | 0.130 | 21.11 | 0.129 |
| 5 | CP-OFDM 64QAM | 1 | 1 | 19.71 | 0.094 | 19.75 | 0.094 | 19.89 | 0.097 |
| 5 | | 1 | 23 | 19.49 | 0.089 | 19.50 | 0.089 | 19.58 | 0.091 |
| 5 | | 12 | 6 | 19.71 | 0.094 | 19.83 | 0.096 | 19.78 | 0.095 |
| 5 | CP-OFDM 256QAM | 1 | 1 | 16.61 | 0.046 | 16.64 | 0.046 | 16.70 | 0.047 |
| 5 | | 1 | 23 | 16.39 | 0.044 | 16.58 | 0.045 | 16.49 | 0.045 |
| 5 | | 12 | 6 | 16.87 | 0.049 | 16.97 | 0.050 | 16.89 | 0.049 |



| EN-DC_66A-N71 | | | | Measured ERP | | | | | |
|-----------------|-------------------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 134600 | | 136100 | | 137600 | |
| Frequency (MHz) | | | | 673 | | 680.5 | | 688 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.24 | 0.167 | 22.25 | 0.168 | 22.24 | 0.167 |
| 20 | | 1 | 104 | 22.01 | 0.159 | 22.10 | 0.162 | 21.96 | 0.157 |
| 20 | | 50 | 25 | 22.25 | 0.168 | 22.18 | 0.165 | 22.23 | 0.167 |
| 20 | DFT-s-OFDM QPSK | 1 | 1 | 22.22 | 0.167 | 22.23 | 0.167 | 22.28 | 0.169 |
| 20 | | 1 | 104 | 22.12 | 0.163 | 22.06 | 0.161 | 21.91 | 0.155 |
| 20 | | 50 | 25 | 22.31 | 0.170 | 22.15 | 0.164 | 22.01 | 0.159 |
| 20 | DFT-s-OFDM 16QAM | 1 | 1 | 22.41 | 0.174 | 22.20 | 0.166 | 22.36 | 0.172 |
| 20 | | 1 | 104 | 22.22 | 0.167 | 22.01 | 0.159 | 21.92 | 0.156 |
| 20 | | 50 | 25 | 22.23 | 0.167 | 22.04 | 0.160 | 22.00 | 0.158 |
| 20 | DFT-s-OFDM 64QAM | 1 | 1 | 20.70 | 0.117 | 20.96 | 0.125 | 20.70 | 0.117 |
| 20 | | 1 | 104 | 20.46 | 0.111 | 20.84 | 0.121 | 20.24 | 0.106 |
| 20 | | 50 | 25 | 20.74 | 0.119 | 20.73 | 0.118 | 20.52 | 0.113 |
| 20 | DFT-s-OFDM 256QAM | 1 | 1 | 18.37 | 0.069 | 18.19 | 0.066 | 18.34 | 0.068 |
| 20 | | 1 | 104 | 18.22 | 0.066 | 18.16 | 0.065 | 17.95 | 0.062 |
| 20 | | 50 | 25 | 18.60 | 0.072 | 18.59 | 0.072 | 18.50 | 0.071 |
| Channel | | | | 134100 | | 136100 | | 138100 | |
| Frequency (MHz) | | | | 670.5 | | 680.5 | | 690.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.30 | 0.170 | 22.29 | 0.169 | 22.22 | 0.167 |
| 15 | | 1 | 77 | 22.29 | 0.169 | 22.05 | 0.160 | 21.85 | 0.153 |
| 15 | | 36 | 18 | 22.28 | 0.169 | 22.29 | 0.169 | 22.19 | 0.166 |
| 15 | DFT-s-OFDM QPSK | 1 | 1 | 22.42 | 0.175 | 22.19 | 0.166 | 22.15 | 0.164 |
| 15 | | 1 | 77 | 22.37 | 0.173 | 22.09 | 0.162 | 21.98 | 0.158 |
| 15 | | 36 | 18 | 22.27 | 0.169 | 22.20 | 0.166 | 22.08 | 0.161 |
| 15 | DFT-s-OFDM 16QAM | 1 | 1 | 22.35 | 0.172 | 22.30 | 0.170 | 22.10 | 0.162 |
| 15 | | 1 | 77 | 22.22 | 0.167 | 22.17 | 0.165 | 21.83 | 0.152 |
| 15 | | 36 | 18 | 22.34 | 0.171 | 22.31 | 0.170 | 22.15 | 0.164 |
| 15 | DFT-s-OFDM 64QAM | 1 | 1 | 21.13 | 0.130 | 20.61 | 0.115 | 20.88 | 0.122 |
| 15 | | 1 | 77 | 20.88 | 0.122 | 20.57 | 0.114 | 20.62 | 0.115 |
| 15 | | 36 | 18 | 20.76 | 0.119 | 20.84 | 0.121 | 20.58 | 0.114 |
| 15 | DFT-s-OFDM | 1 | 1 | 18.63 | 0.073 | 18.37 | 0.069 | 18.30 | 0.068 |



| | | | | | | | | | |
|-----------------|-------------------------|----|----|--------|-------|--------|-------|--------|-------|
| 15 | 256QAM | 1 | 77 | 18.31 | 0.068 | 18.20 | 0.066 | 18.03 | 0.064 |
| 15 | | 36 | 18 | 18.68 | 0.074 | 18.67 | 0.074 | 18.56 | 0.072 |
| Channel | | | | 133600 | | 136100 | | 138600 | |
| Frequency (MHz) | | | | 668 | | 680.5 | | 693 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 22.21 | 0.166 | 22.18 | 0.165 | 22.20 | 0.166 |
| 10 | | 1 | 50 | 22.14 | 0.164 | 22.10 | 0.162 | 21.86 | 0.153 |
| 10 | | 25 | 12 | 22.17 | 0.165 | 22.29 | 0.169 | 22.08 | 0.161 |
| 10 | DFT-s-OFDM QPSK | 1 | 1 | 22.15 | 0.164 | 22.02 | 0.159 | 22.03 | 0.160 |
| 10 | | 1 | 50 | 22.08 | 0.161 | 21.98 | 0.158 | 21.72 | 0.149 |
| 10 | | 25 | 12 | 22.20 | 0.166 | 22.21 | 0.166 | 22.11 | 0.163 |
| 10 | DFT-s-OFDM 16QAM | 1 | 1 | 22.20 | 0.166 | 22.05 | 0.160 | 22.15 | 0.164 |
| 10 | | 1 | 50 | 22.11 | 0.163 | 22.07 | 0.161 | 21.96 | 0.157 |
| 10 | | 25 | 12 | 22.01 | 0.159 | 22.01 | 0.159 | 21.95 | 0.157 |
| 10 | DFT-s-OFDM 64QAM | 1 | 1 | 20.62 | 0.115 | 20.49 | 0.112 | 20.49 | 0.112 |
| 10 | | 1 | 50 | 20.47 | 0.111 | 20.41 | 0.110 | 20.21 | 0.105 |
| 10 | | 25 | 12 | 20.55 | 0.114 | 20.54 | 0.113 | 20.45 | 0.111 |
| 10 | DFT-s-OFDM 256QAM | 1 | 1 | 18.32 | 0.068 | 18.17 | 0.066 | 18.17 | 0.066 |
| 10 | | 1 | 50 | 18.15 | 0.065 | 18.17 | 0.066 | 17.96 | 0.063 |
| 10 | | 25 | 12 | 18.63 | 0.073 | 18.51 | 0.071 | 18.66 | 0.073 |
| Channel | | | | 133100 | | 136100 | | 139100 | |
| Frequency (MHz) | | | | 665.5 | | 680.5 | | 695.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | DFT-s-OFDM PI/2 BPSK | 1 | 1 | 21.93 | 0.156 | 22.28 | 0.169 | 22.13 | 0.163 |
| 5 | | 1 | 23 | 22.22 | 0.167 | 22.04 | 0.160 | 21.77 | 0.150 |
| 5 | | 12 | 6 | 22.19 | 0.166 | 22.12 | 0.163 | 21.86 | 0.153 |
| 5 | DFT-s-OFDM QPSK | 1 | 1 | 22.15 | 0.164 | 22.05 | 0.160 | 21.90 | 0.155 |
| 5 | | 1 | 23 | 22.19 | 0.166 | 22.06 | 0.161 | 21.83 | 0.152 |
| 5 | | 12 | 6 | 22.20 | 0.166 | 22.15 | 0.164 | 21.99 | 0.158 |
| 5 | DFT-s-OFDM 16QAM | 1 | 1 | 22.30 | 0.170 | 22.28 | 0.169 | 22.08 | 0.161 |
| 5 | | 1 | 23 | 22.13 | 0.163 | 22.06 | 0.161 | 21.77 | 0.150 |
| 5 | | 12 | 6 | 22.17 | 0.165 | 22.14 | 0.164 | 21.84 | 0.153 |
| 5 | DFT-s-OFDM 64QAM | 1 | 1 | 20.60 | 0.115 | 20.64 | 0.116 | 20.41 | 0.110 |
| 5 | | 1 | 23 | 20.57 | 0.114 | 20.50 | 0.112 | 20.24 | 0.106 |
| 5 | | 12 | 6 | 20.82 | 0.121 | 20.67 | 0.117 | 20.56 | 0.114 |
| 5 | DFT-s-OFDM 256QAM | 1 | 1 | 18.25 | 0.067 | 18.31 | 0.068 | 18.16 | 0.065 |
| 5 | | 1 | 23 | 18.11 | 0.065 | 18.19 | 0.066 | 17.89 | 0.062 |
| 5 | | 12 | 6 | 18.70 | 0.074 | 18.52 | 0.071 | 18.37 | 0.069 |



| EN-DC_66A-N71 | | | | Measured ERP | | | | | |
|-----------------|----------------|---------|-----------|-----------------|-------|--------------------|-------|------------------|-------|
| BW [MHz] | Modulation | RB Size | RB Offset | Low Ch. / Freq. | | Middle Ch. / Freq. | | High Ch. / Freq. | |
| Channel | | | | 134600 | | 136100 | | 137600 | |
| Frequency (MHz) | | | | 673 | | 680.5 | | 688 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 20 | CP-OFDM QPSK | 1 | 1 | 21.98 | 0.158 | 21.41 | 0.138 | 21.71 | 0.148 |
| 20 | | 1 | 104 | 21.55 | 0.143 | 21.54 | 0.143 | 21.25 | 0.133 |
| 20 | | 50 | 25 | 21.81 | 0.152 | 21.65 | 0.146 | 21.60 | 0.145 |
| 20 | CP-OFDM 16QAM | 1 | 1 | 21.39 | 0.138 | 20.76 | 0.119 | 21.17 | 0.131 |
| 20 | | 1 | 104 | 21.06 | 0.128 | 21.12 | 0.129 | 20.84 | 0.121 |
| 20 | | 50 | 25 | 21.25 | 0.133 | 21.18 | 0.131 | 21.18 | 0.131 |
| 20 | CP-OFDM 64QAM | 1 | 1 | 19.75 | 0.094 | 19.79 | 0.095 | 19.49 | 0.089 |
| 20 | | 1 | 104 | 19.43 | 0.088 | 19.50 | 0.089 | 19.26 | 0.084 |
| 20 | | 50 | 25 | 19.79 | 0.095 | 19.72 | 0.094 | 19.58 | 0.091 |
| 20 | CP-OFDM 256QAM | 1 | 1 | 16.49 | 0.045 | 16.35 | 0.043 | 16.24 | 0.042 |
| 20 | | 1 | 104 | 16.29 | 0.043 | 16.26 | 0.042 | 16.05 | 0.040 |
| 20 | | 50 | 25 | 16.73 | 0.047 | 16.64 | 0.046 | 16.47 | 0.044 |
| Channel | | | | 134100 | | 136100 | | 138100 | |
| Frequency (MHz) | | | | 670.5 | | 680.5 | | 690.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 15 | CP-OFDM QPSK | 1 | 1 | 21.89 | 0.155 | 21.67 | 0.147 | 21.96 | 0.157 |
| 15 | | 1 | 77 | 21.74 | 0.149 | 21.72 | 0.149 | 21.38 | 0.137 |
| 15 | | 36 | 18 | 20.35 | 0.108 | 20.25 | 0.106 | 20.15 | 0.104 |
| 15 | CP-OFDM 16QAM | 1 | 1 | 21.39 | 0.138 | 21.38 | 0.137 | 21.17 | 0.131 |
| 15 | | 1 | 77 | 21.07 | 0.128 | 21.01 | 0.126 | 20.70 | 0.117 |
| 15 | | 36 | 18 | 20.49 | 0.112 | 20.28 | 0.107 | 20.22 | 0.105 |
| 15 | CP-OFDM 64QAM | 1 | 1 | 19.76 | 0.095 | 19.57 | 0.091 | 19.60 | 0.091 |
| 15 | | 1 | 77 | 19.51 | 0.089 | 19.48 | 0.089 | 19.19 | 0.083 |
| 15 | | 36 | 18 | 19.84 | 0.096 | 19.77 | 0.095 | 19.54 | 0.090 |
| 15 | CP-OFDM 256QAM | 1 | 1 | 16.59 | 0.046 | 16.37 | 0.043 | 16.32 | 0.043 |
| 15 | | 1 | 77 | 16.33 | 0.043 | 16.25 | 0.042 | 16.04 | 0.040 |
| 15 | | 36 | 18 | 16.85 | 0.048 | 16.64 | 0.046 | 16.58 | 0.045 |
| Channel | | | | 133600 | | 136100 | | 138600 | |
| Frequency (MHz) | | | | 668 | | 680.5 | | 693 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 10 | CP-OFDM | 1 | 1 | 21.42 | 0.139 | 21.81 | 0.152 | 21.79 | 0.151 |

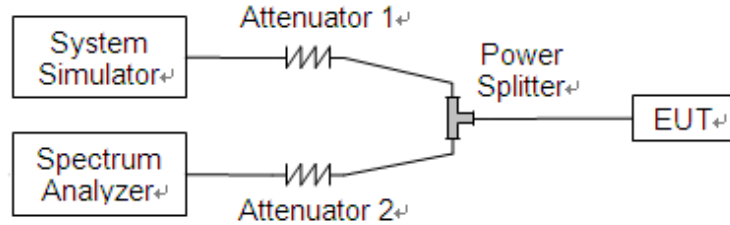
| | | | | | | | | | |
|-----------------|-------------------|----|----|--------|-------|--------|-------|--------|-------|
| 10 | QPSK | 1 | 50 | 21.78 | 0.151 | 21.52 | 0.142 | 21.56 | 0.143 |
| 10 | | 25 | 12 | 21.37 | 0.137 | 21.59 | 0.144 | 21.58 | 0.144 |
| 10 | CP-OFDM 16QAM | 1 | 1 | 20.86 | 0.122 | 21.14 | 0.130 | 21.05 | 0.127 |
| 10 | | 1 | 50 | 21.09 | 0.129 | 21.16 | 0.131 | 20.83 | 0.121 |
| 10 | | 25 | 12 | 20.92 | 0.124 | 21.11 | 0.129 | 20.95 | 0.124 |
| 10 | CP-OFDM 64QAM | 1 | 1 | 19.71 | 0.094 | 19.55 | 0.090 | 19.51 | 0.089 |
| 10 | | 1 | 50 | 19.51 | 0.089 | 19.49 | 0.089 | 19.35 | 0.086 |
| 10 | | 25 | 12 | 19.57 | 0.091 | 19.62 | 0.092 | 19.53 | 0.090 |
| 10 | CP-OFDM 256QAM | 1 | 1 | 16.39 | 0.044 | 16.28 | 0.042 | 16.29 | 0.043 |
| 10 | | 1 | 50 | 16.27 | 0.042 | 16.28 | 0.042 | 16.04 | 0.040 |
| 10 | | 25 | 12 | 16.67 | 0.046 | 16.53 | 0.045 | 16.47 | 0.044 |
| Channel | | | | 133100 | | 136100 | | 139100 | |
| Frequency (MHz) | | | | 665.5 | | 680.5 | | 695.5 | |
| | | | | dBm | W | dBm | W | dBm | W |
| 5 | CP-OFDM QPSK | 1 | 1 | 21.41 | 0.138 | 21.56 | 0.143 | 21.71 | 0.148 |
| 5 | | 1 | 23 | 21.49 | 0.141 | 21.41 | 0.138 | 21.40 | 0.138 |
| 5 | | 12 | 6 | 21.35 | 0.136 | 21.53 | 0.142 | 21.44 | 0.139 |
| 5 | CP-OFDM 16QAM | 1 | 1 | 20.87 | 0.122 | 21.23 | 0.133 | 21.10 | 0.129 |
| 5 | | 1 | 23 | 20.94 | 0.124 | 20.96 | 0.125 | 20.61 | 0.115 |
| 5 | | 12 | 6 | 20.94 | 0.124 | 21.01 | 0.126 | 20.81 | 0.121 |
| 5 | CP-OFDM 64QAM | 1 | 1 | 19.50 | 0.089 | 19.56 | 0.090 | 19.45 | 0.088 |
| 5 | | 1 | 23 | 19.47 | 0.089 | 19.43 | 0.088 | 19.14 | 0.082 |
| 5 | | 12 | 6 | 19.75 | 0.094 | 19.53 | 0.090 | 19.54 | 0.090 |
| 5 | CP-OFDM 256QAM | 1 | 1 | 16.49 | 0.045 | 16.32 | 0.043 | 16.17 | 0.041 |
| 5 | | 1 | 23 | 16.20 | 0.042 | 16.22 | 0.042 | 15.95 | 0.039 |
| 5 | | 12 | 6 | 16.70 | 0.047 | 16.55 | 0.045 | 16.45 | 0.044 |

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

| B2_N66 | | | | | |
|---------|--------------|------------|-----------|-------------|--------------|
| BW(MHz) | ChannelLevel | Modulation | | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | High | DFT-s-OFDM | PI/2 BPSK | 4.48 | 4.64 |
| | High | | QPSK | 4.52 | 4.66 |
| | High | | 16QAM | 4.47 | 4.68 |
| | High | | 64QAM | 4.53 | 4.72 |
| | High | | 256QAM | 4.46 | 4.61 |
| | High | CP-OFDM | QPSK | 4.48 | 4.62 |
| | Mid | DFT-s-OFDM | PI/2 BPSK | 4.42 | 4.64 |
| | Mid | | QPSK | 4.52 | 4.69 |
| | Mid | | 16QAM | 4.52 | 4.65 |
| | Mid | | 64QAM | 4.42 | 4.65 |
| | Mid | | 256QAM | 4.52 | 4.69 |
| | Mid | CP-OFDM | QPSK | 4.55 | 4.66 |
| | Low | DFT-s-OFDM | PI/2 BPSK | 4.46 | 4.68 |
| | Low | | QPSK | 4.53 | 4.7 |
| | Low | | 16QAM | 4.47 | 4.68 |
| | Low | | 64QAM | 4.46 | 4.74 |
| | Low | | 256QAM | 4.46 | 4.67 |
| | Low | CP-OFDM | QPSK | 4.56 | 4.68 |
| 10 | High | DFT-s-OFDM | PI/2 BPSK | 8.91 | 9.53 |
| | High | | QPSK | 9.14 | 9.41 |
| | High | | 16QAM | 9.04 | 9.33 |
| | High | | 64QAM | 9.09 | 9.49 |
| | High | | 256QAM | 9.00 | 9.51 |
| | High | CP-OFDM | QPSK | 9.32 | 9.64 |
| | Mid | DFT-s-OFDM | PI/2 BPSK | 8.9 | 9.32 |
| | Mid | | QPSK | 9.07 | 9.37 |
| | Mid | | 16QAM | 8.94 | 9.33 |
| | Mid | | 64QAM | 8.87 | 9.29 |
| | Mid | | 256QAM | 8.95 | 9.47 |



| | | | | | |
|-----|---------|------------|-----------|-------|-------|
| | Mid | CP-OFDM | QPSK | 9.28 | 9.76 |
| | Low | DFT-s-OFDM | PI/2 BPSK | 8.99 | 9.34 |
| | Low | | QPSK | 9.03 | 9.36 |
| | Low | | 16QAM | 8.94 | 9.3 |
| | Low | | 64QAM | 8.96 | 9.36 |
| | Low | | 256QAM | 8.82 | 9.24 |
| | Low | CP-OFDM | QPSK | 9.30 | 9.85 |
| 15 | High | DFT-s-OFDM | PI/2 BPSK | 13.45 | 13.94 |
| | High | | QPSK | 13.67 | 14.21 |
| | High | | 16QAM | 13.35 | 13.9 |
| | High | | 64QAM | 13.62 | 14.0 |
| | High | | 256QAM | 13.43 | 13.99 |
| | High | CP-OFDM | QPSK | 14.23 | 14.7 |
| | Mid | DFT-s-OFDM | PI/2 BPSK | 13.43 | 14.82 |
| | Mid | | QPSK | 13.61 | 14.11 |
| | Mid | | 16QAM | 13.47 | 14.01 |
| | Mid | | 64QAM | 13.32 | 13.86 |
| | Mid | | 256QAM | 13.48 | 13.86 |
| | Mid | CP-OFDM | QPSK | 14.36 | 14.78 |
| | Low | DFT-s-OFDM | PI/2 BPSK | 13.46 | 14.26 |
| | Low | | QPSK | 13.55 | 14.08 |
| | Low | | 16QAM | 13.44 | 14.08 |
| | Low | | 64QAM | 13.67 | 14.0 |
| | Low | | 256QAM | 13.62 | 14.17 |
| Low | CP-OFDM | QPSK | 14.11 | 14.87 | |
| 20 | High | DFT-s-OFDM | PI/2 BPSK | 17.96 | 18.97 |
| | High | | QPSK | 18.17 | 18.68 |
| | High | | 16QAM | 17.9 | 18.85 |
| | High | | 64QAM | 18.01 | 19.03 |
| | High | | 256QAM | 17.81 | 18.57 |
| | High | CP-OFDM | QPSK | 19.01 | 19.95 |
| | Mid | | PI/2 BPSK | 18.1 | 18.7 |
| | Mid | | QPSK | 18.24 | 18.84 |



| | | | | | |
|--|-----|------------|-----------|-------|-------|
| | Mid | DFT-s-OFDM | 16QAM | 18.03 | 19.19 |
| | Mid | | 64QAM | 18.13 | 18.72 |
| | Mid | | 256QAM | 18.27 | 18.83 |
| | Mid | CP-OFDM | QPSK | 19.2 | 19.81 |
| | Low | DFT-s-OFDM | PI/2 BPSK | 18.15 | 18.66 |
| | Low | | QPSK | 18.34 | 18.86 |
| | Low | | 16QAM | 17.88 | 18.86 |
| | Low | | 64QAM | 17.88 | 18.8 |
| | Low | | 256QAM | 17.95 | 18.78 |
| | Low | CP-OFDM | QPSK | 18.81 | 19.6 |



| B7_N71 | | | | | |
|---------|--------------|------------|-----------|-------------|--------------|
| BW(MHz) | ChannelLevel | Modulation | | 99% BW(MHz) | 26dB BW(MHz) |
| 5 | High | DFT-s-OFDM | PI/2 BPSK | 4.47 | 4.7 |
| | High | | QPSK | 4.46 | 4.72 |
| | High | | 16QAM | 4.53 | 4.68 |
| | High | | 64QAM | 4.44 | 4.66 |
| | High | | 256QAM | 4.51 | 4.66 |
| | High | CP-OFDM | QPSK | 4.47 | 4.7 |
| | Mid | DFT-s-OFDM | PI/2 BPSK | 4.51 | 4.77 |
| | Mid | | QPSK | 4.52 | 4.73 |
| | Mid | | 16QAM | 4.47 | 4.7 |
| | Mid | | 64QAM | 4.5 | 4.7 |
| | Mid | | 256QAM | 4.51 | 4.68 |
| | Mid | CP-OFDM | QPSK | 4.45 | 4.67 |
| | Low | DFT-s-OFDM | PI/2 BPSK | 4.52 | 4.71 |
| | Low | | QPSK | 4.52 | 4.86 |
| | Low | | 16QAM | 4.49 | 4.74 |
| | Low | | 64QAM | 4.44 | 4.68 |
| | Low | | 256QAM | 4.52 | 4.68 |
| | Low | CP-OFDM | QPSK | 4.51 | 4.75 |
| 10 | High | DFT-s-OFDM | PI/2 BPSK | 8.85 | 10.2 |
| | High | | QPSK | 8.99 | 10.18 |
| | High | | 16QAM | 8.99 | 9.45 |
| | High | | 64QAM | 9.08 | 9.37 |
| | High | | 256QAM | 9.09 | 9.4 |
| | High | CP-OFDM | QPSK | 9.24 | 9.66 |
| | Mid | DFT-s-OFDM | PI/2 BPSK | 9.11 | 9.43 |
| | Mid | | QPSK | 8.99 | 9.33 |
| | Mid | | 16QAM | 9.04 | 9.49 |
| | Mid | | 64QAM | 8.84 | 9.34 |
| | Mid | | 256QAM | 8.94 | 9.34 |
| | Mid | CP-OFDM | QPSK | 9.33 | 9.65 |
| | Low | | PI/2 BPSK | 9.03 | 9.27 |

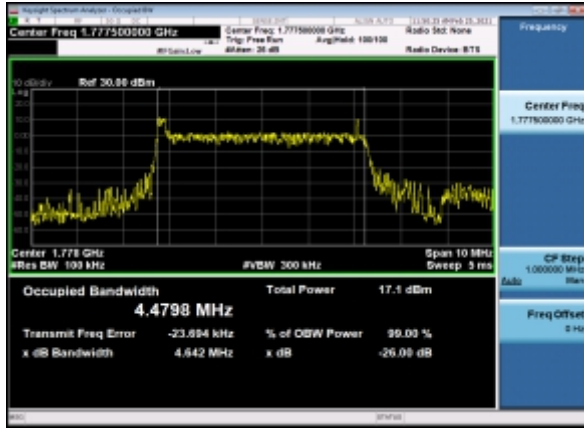


| | | | | | | |
|-----|------|------------|------------|-----------|-------|-------|
| | Low | DFT-s-OFDM | QPSK | 8.87 | 10.04 | |
| | Low | | 16QAM | 9.06 | 9.61 | |
| | Low | | 64QAM | 8.99 | 10.38 | |
| | Low | | 256QAM | 9.03 | 9.62 | |
| | Low | CP-OFDM | QPSK | 9.35 | 9.69 | |
| 15 | High | DFT-s-OFDM | PI/2 BPSK | 13.70 | 14.11 | |
| | High | | QPSK | 13.64 | 14.13 | |
| | High | | 16QAM | 13.68 | 14.13 | |
| | High | | 64QAM | 13.61 | 14.08 | |
| | High | | 256QAM | 13.67 | 15.65 | |
| | High | CP-OFDM | QPSK | 14.39 | 14.85 | |
| | Mid | DFT-s-OFDM | PI/2 BPSK | 13.51 | 14.32 | |
| | Mid | | QPSK | 13.43 | 14.5 | |
| | Mid | | 16QAM | 13.48 | 14.15 | |
| | Mid | | 64QAM | 13.42 | 14.01 | |
| | Mid | | 256QAM | 13.53 | 16.07 | |
| | Mid | CP-OFDM | QPSK | 14.14 | 14.89 | |
| | 20 | Low | DFT-s-OFDM | PI/2 BPSK | 13.57 | 14.89 |
| | | Low | | QPSK | 13.43 | 14.04 |
| | | Low | | 16QAM | 13.56 | 14.07 |
| Low | | 64QAM | | 13.47 | 13.93 | |
| Low | | 256QAM | | 13.7 | 14.13 | |
| Low | | CP-OFDM | QPSK | 14.15 | 14.86 | |
| 20 | High | DFT-s-OFDM | PI/2 BPSK | 18.16 | 18.82 | |
| | High | | QPSK | 18.14 | 18.79 | |
| | High | | 16QAM | 18.16 | 18.67 | |
| | High | | 64QAM | 18.15 | 18.69 | |
| | High | | 256QAM | 18.25 | 18.84 | |
| | High | CP-OFDM | QPSK | 19.24 | 19.98 | |
| | Mid | DFT-s-OFDM | PI/2 BPSK | 18.01 | 19.2 | |
| | Mid | | QPSK | 18.17 | 19.08 | |
| | Mid | | 16QAM | 17.93 | 18.67 | |
| | Mid | | 64QAM | 18.22 | 18.7 | |
| Mid | | | | | | |



| | | | | | |
|--|-----|------------|-----------|-------|-------|
| | Mid | | 256QAM | 18.17 | 18.78 |
| | Mid | CP-OFDM | QPSK | 19.21 | 19.89 |
| | Low | DFT-s-OFDM | PI/2 BPSK | 17.9 | 19.13 |
| | Low | | QPSK | 17.98 | 18.82 |
| | Low | | 16QAM | 18.21 | 18.82 |
| | Low | | 64QAM | 17.87 | 18.77 |
| | Low | | 256QAM | 18.08 | 19.41 |
| | Low | CP-OFDM | QPSK | 18.83 | 19.74 |

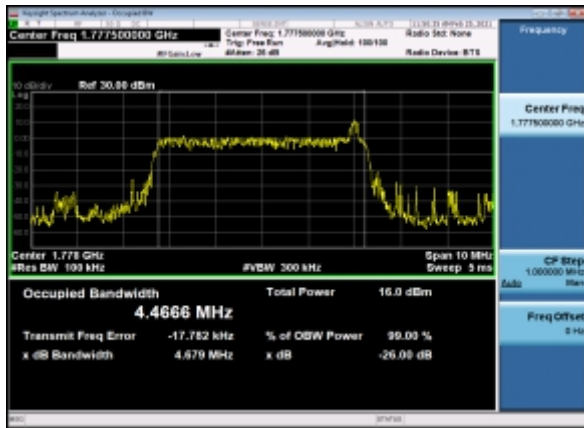
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B2_N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



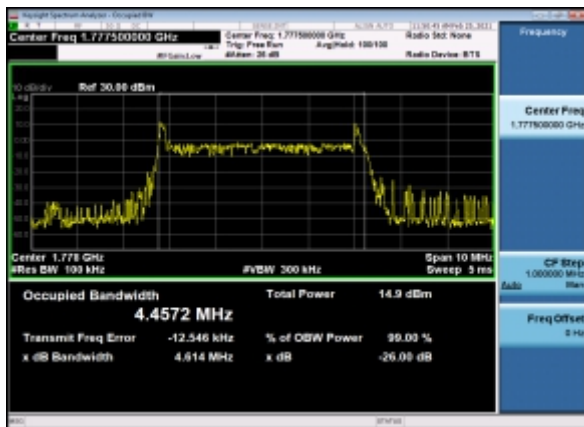
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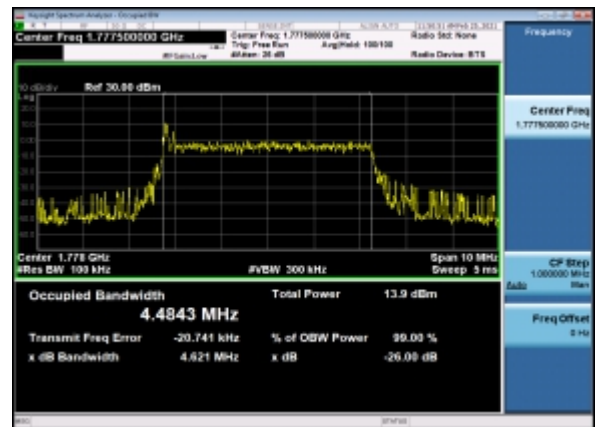
B2_N66(5M)_DFT-s-OFDM_64QAM_Outer_Full_High_CH



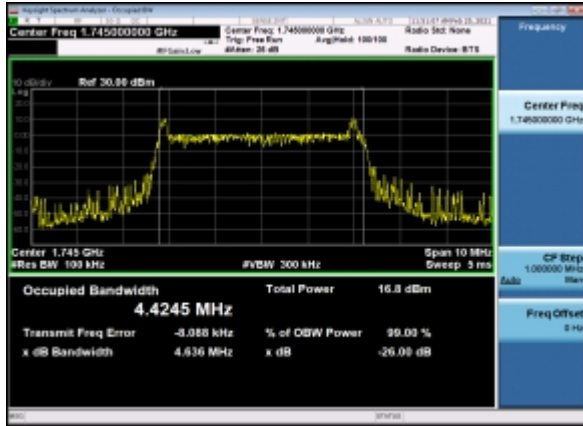
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B2_N66(5M)_CP-OFDM_QPSK_Outer_Full_High_CH



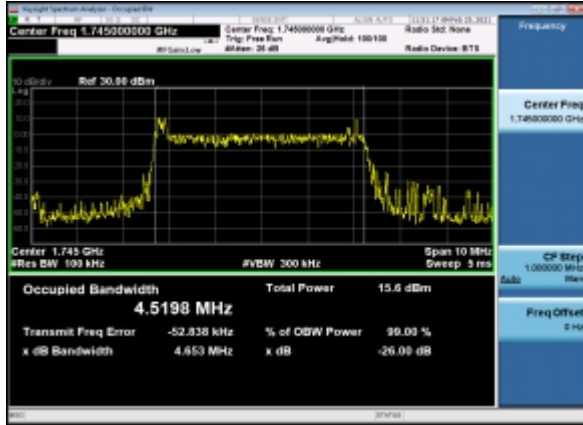
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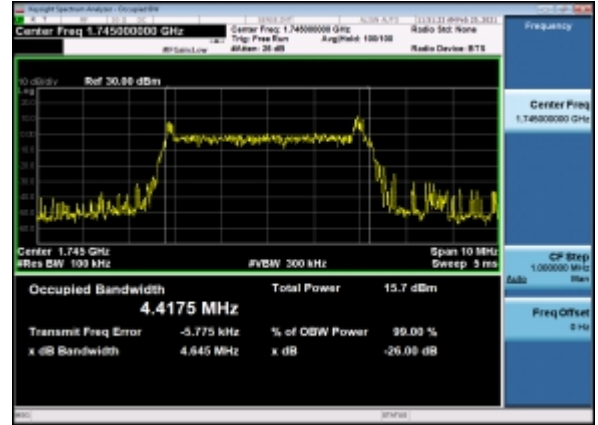
B2_N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



B2_N66(5M)_DFT-s-OFDM_16 QAM_Outer_Full_Mid_CH



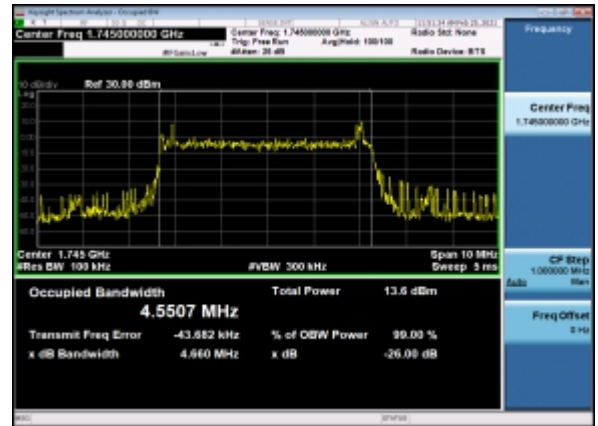
B2_N66(5M)_DFT-s-OFDM_64 QAM_Outer_Full_Mid_CH



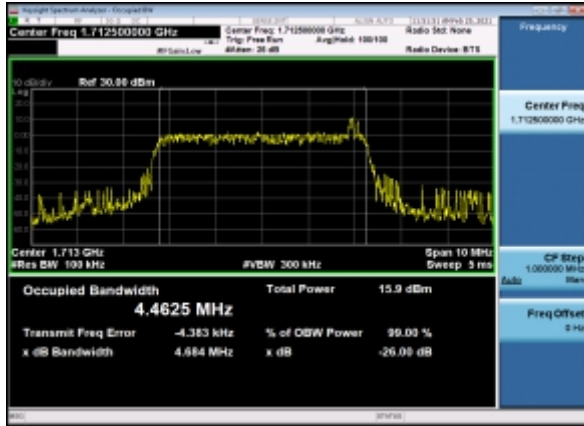
B2_N66(5M)_DFT-s-OFDM_256 QAM_Outer_Full_Mid_CH



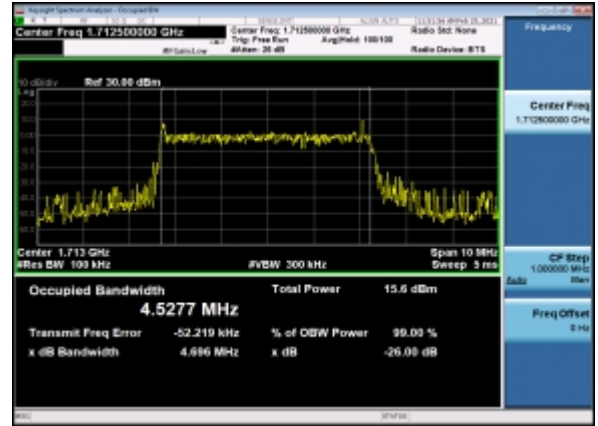
B2_N66(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



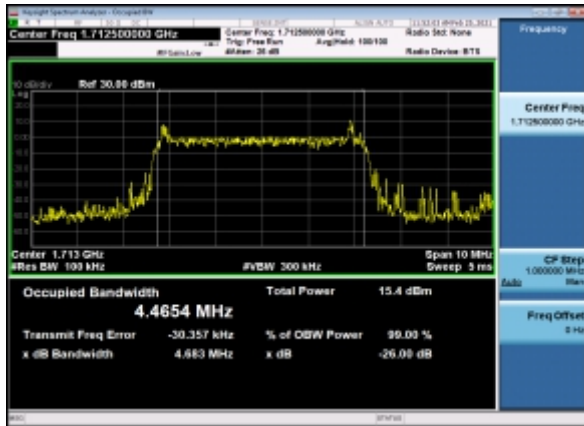
B2_N66(5M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



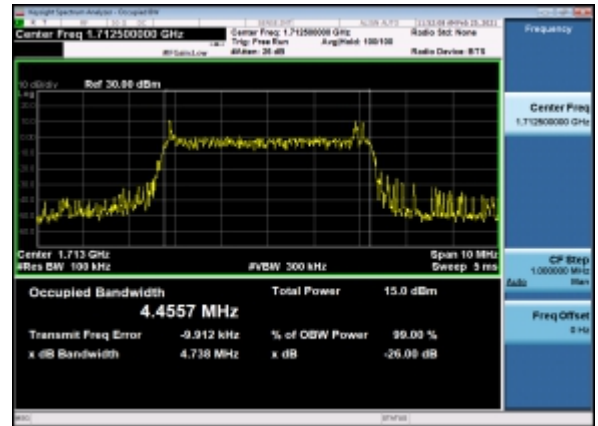
B2_N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



B2_N66(5M)_DFT-s-OFDM_16 QAM_Outer_Full_Low_CH



B2_N66(5M)_DFT-s-OFDM_64 QAM_Outer_Full_Low_CH



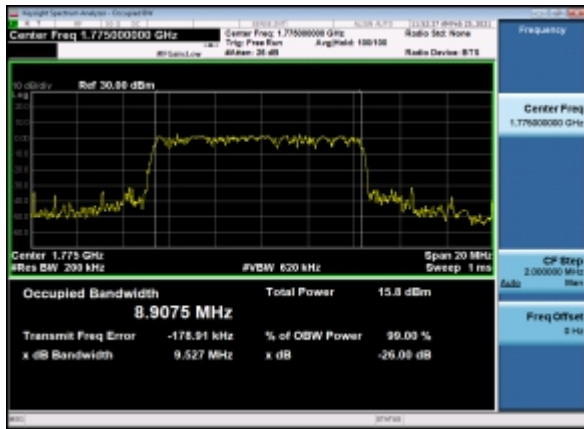
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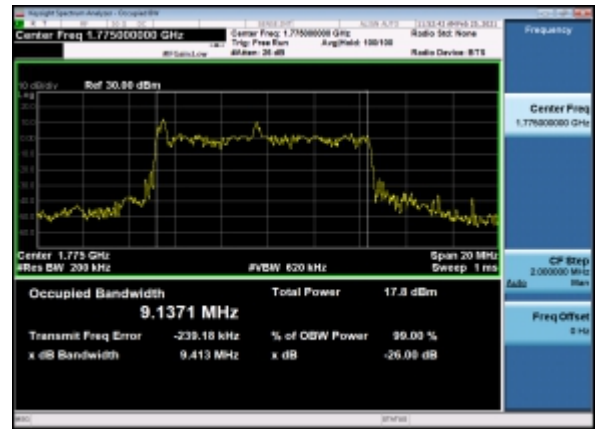
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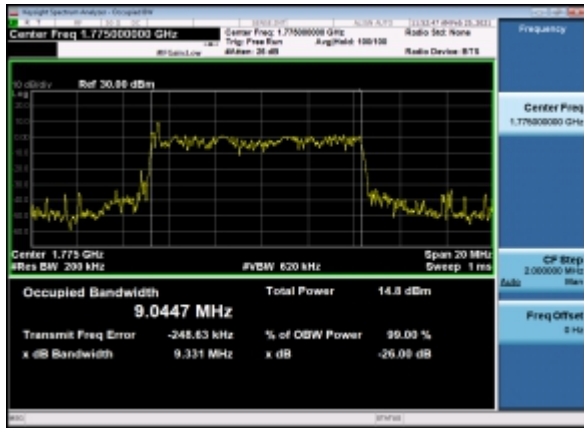
B2_N66(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



B2_N66(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



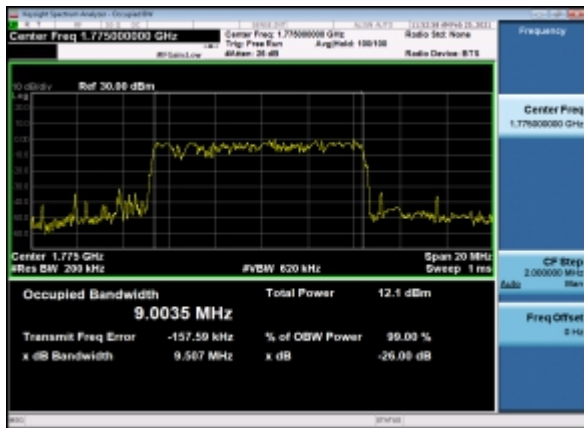
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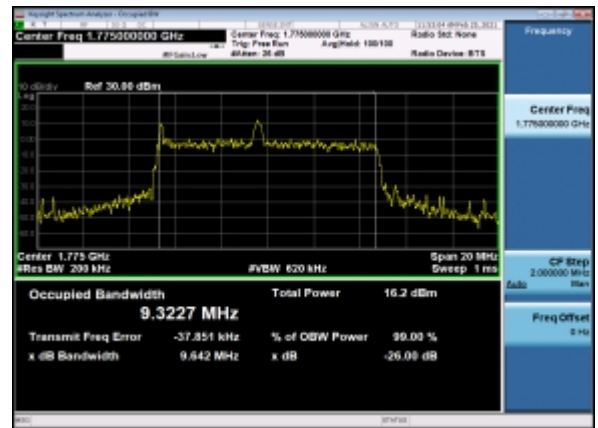
B2_N66(10M)_DFT-s-OFDM_64_QAM_Outer_Full_High_CH



B2_N66(10M)_DFT-s-OFDM_256_QAM_Outer_Full_High_CH



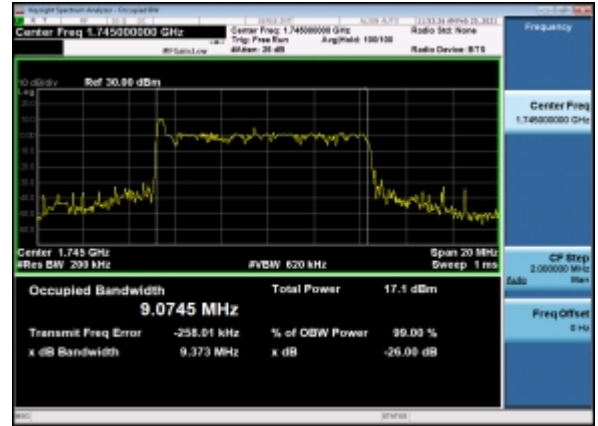
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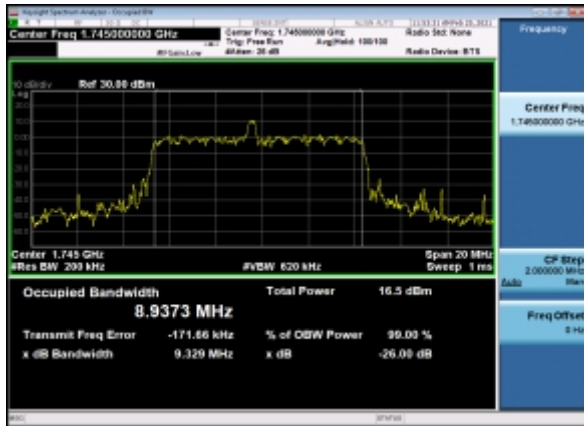
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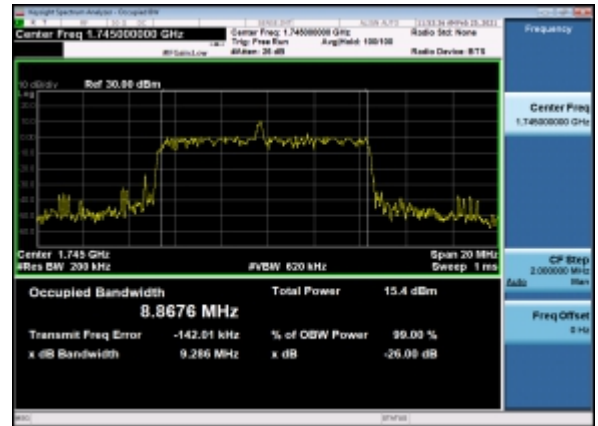
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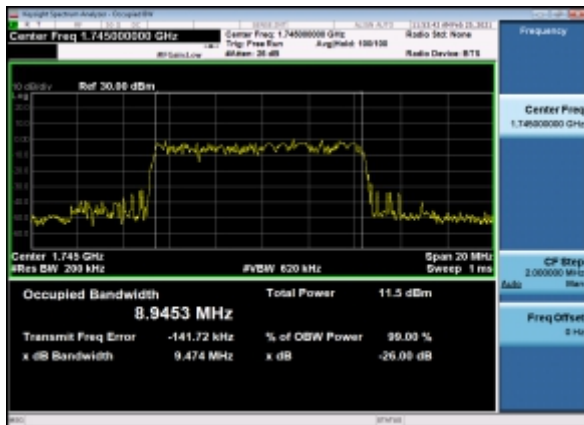
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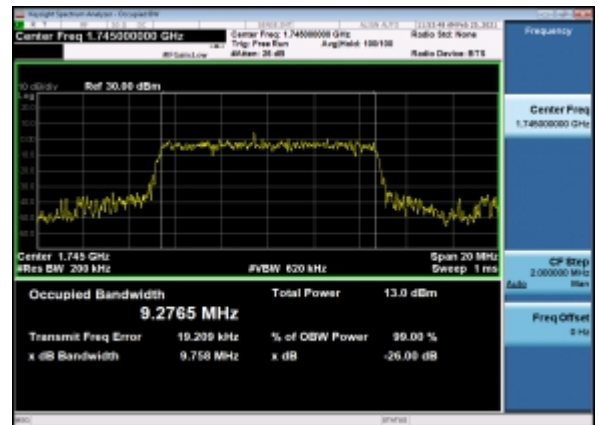
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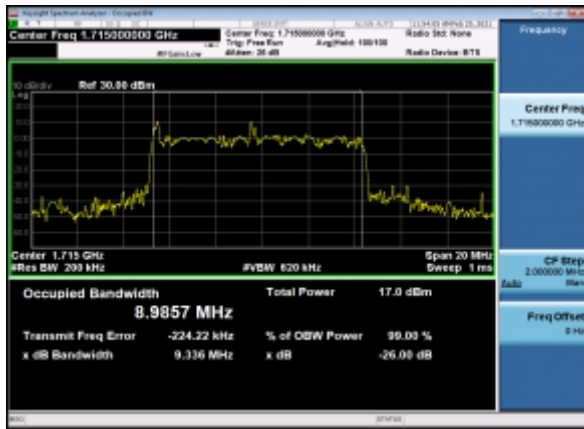
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B2_N66(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



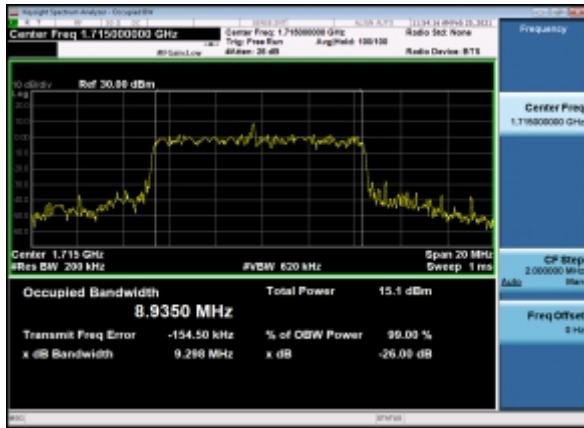
B2_N66(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



B2_N66(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



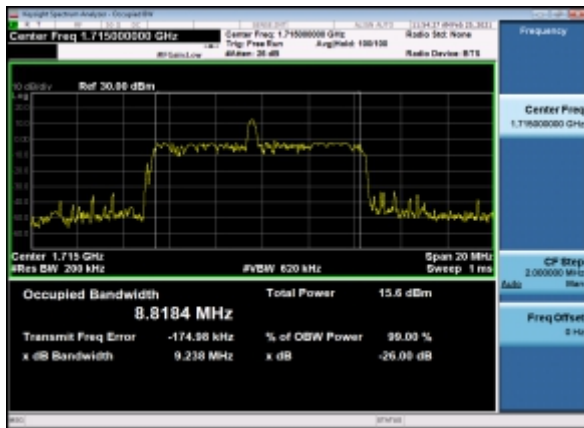
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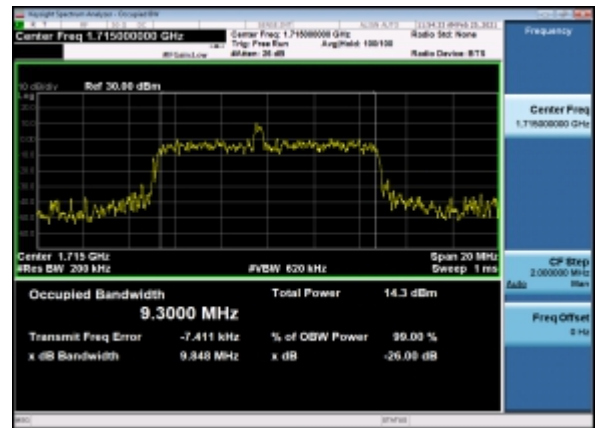
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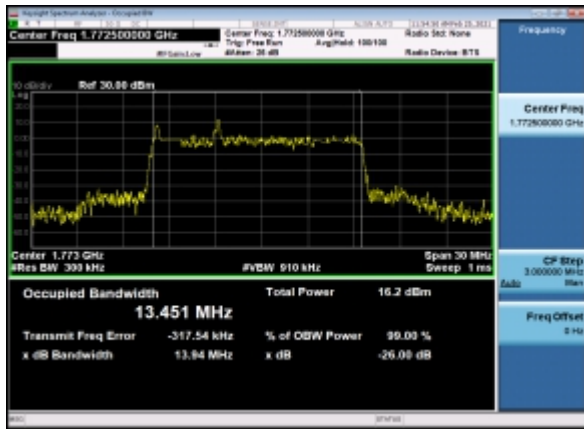
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B2_N66(10M)_CP-OFDM_QPSK_Outer_Full_Low_CH



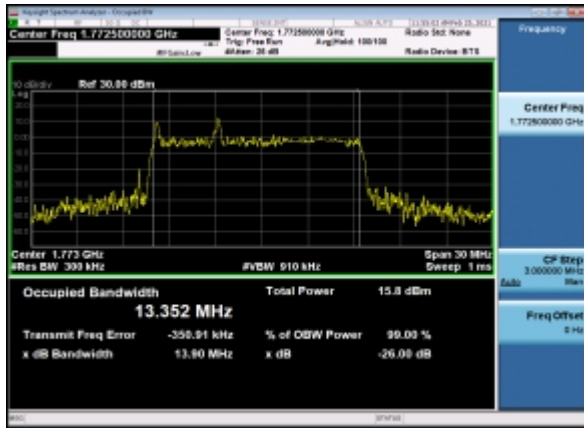
B2_N66(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



B2_N66(15M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



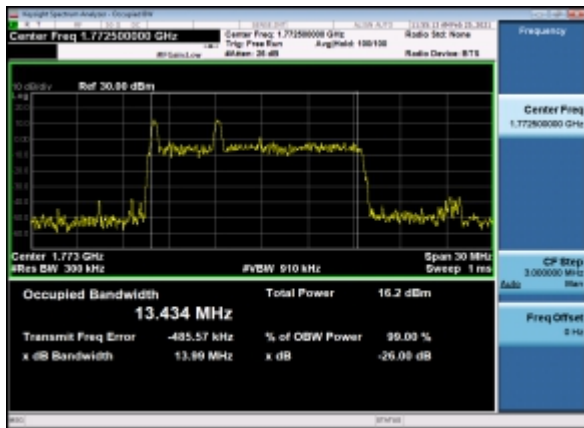
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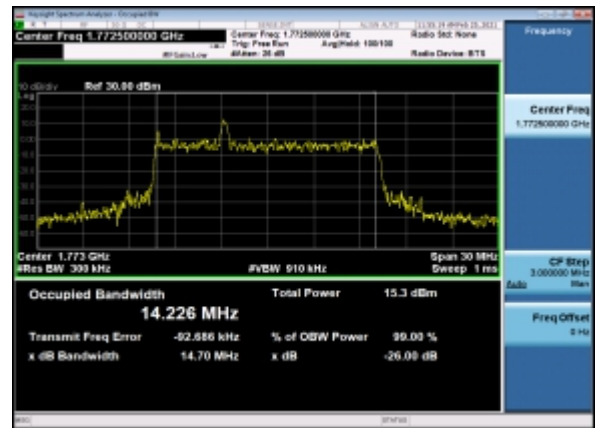
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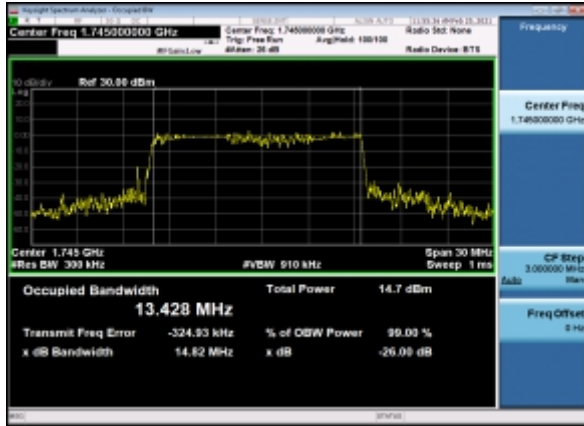
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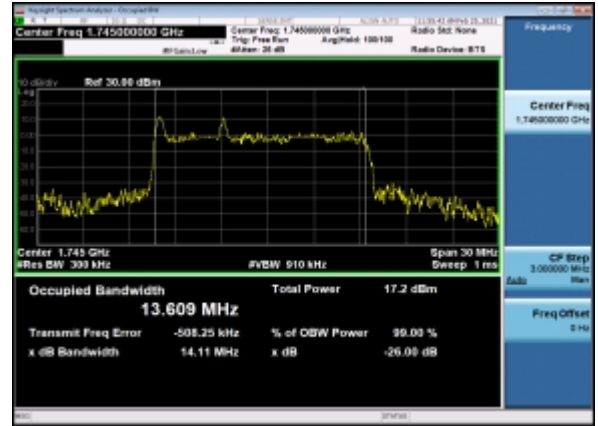
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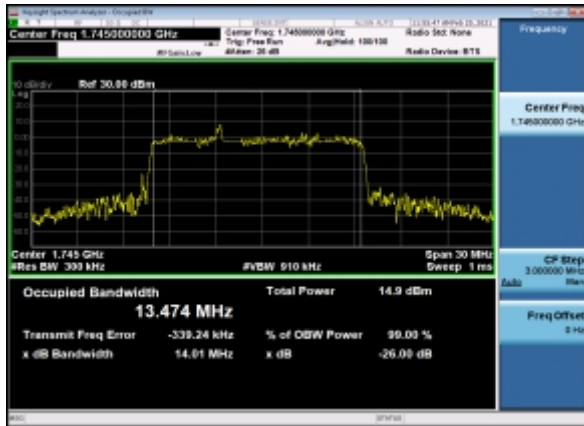
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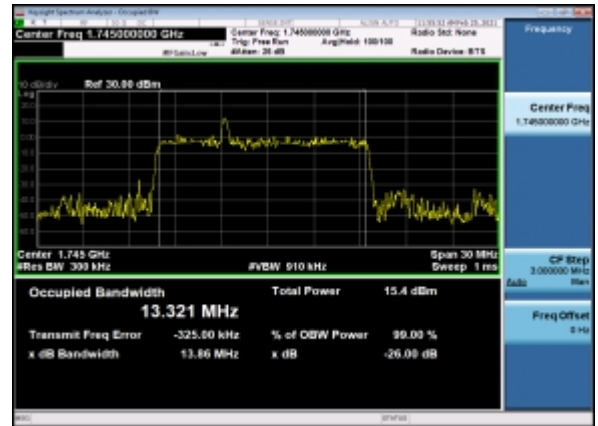
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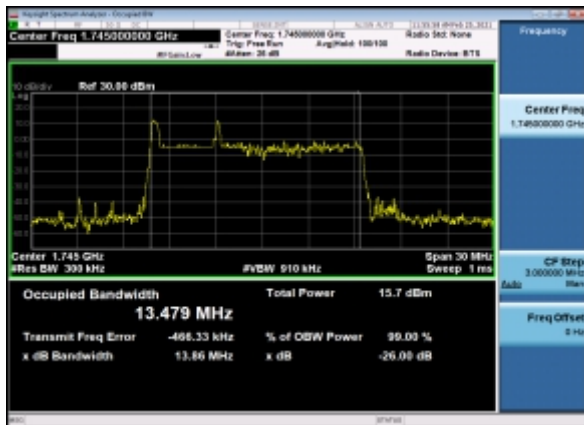
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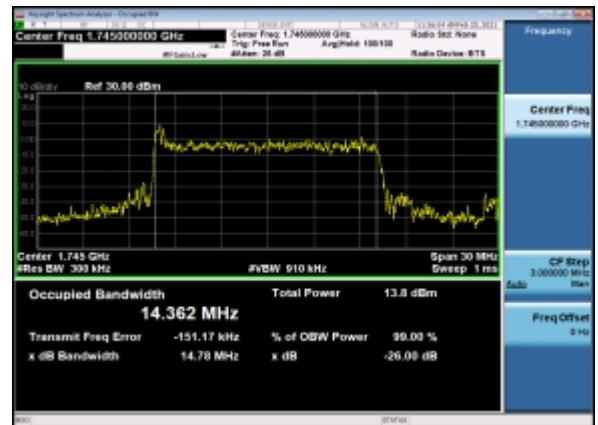
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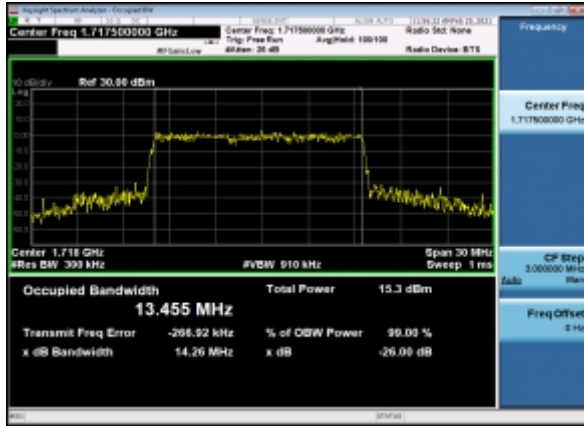
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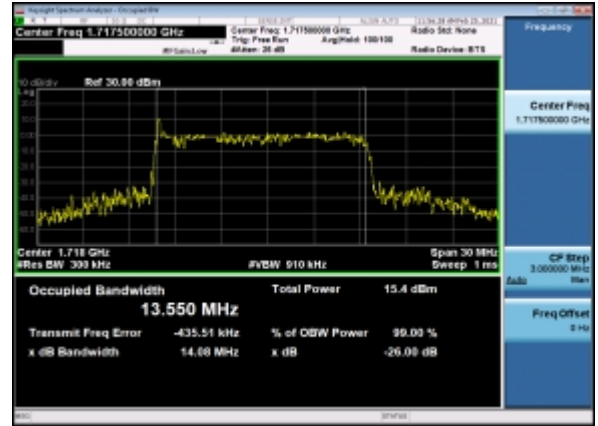
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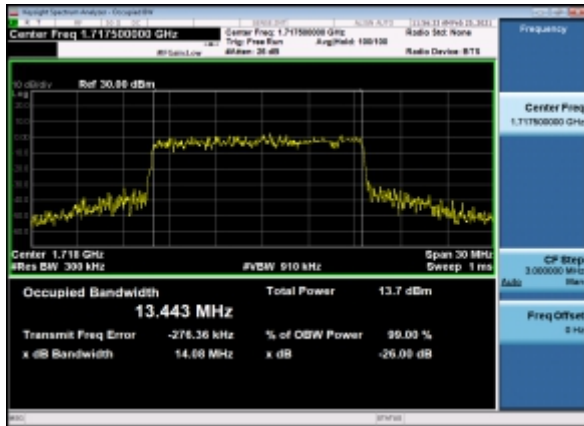
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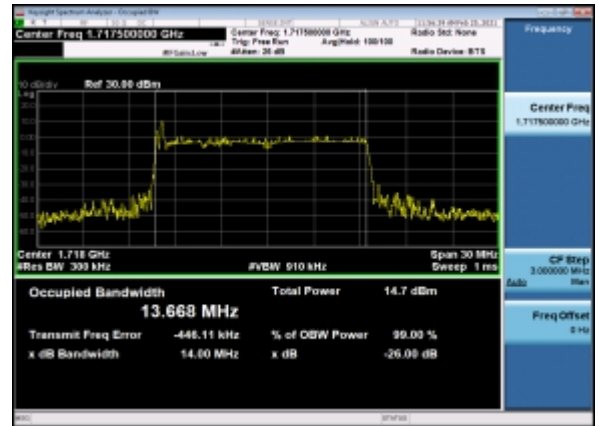
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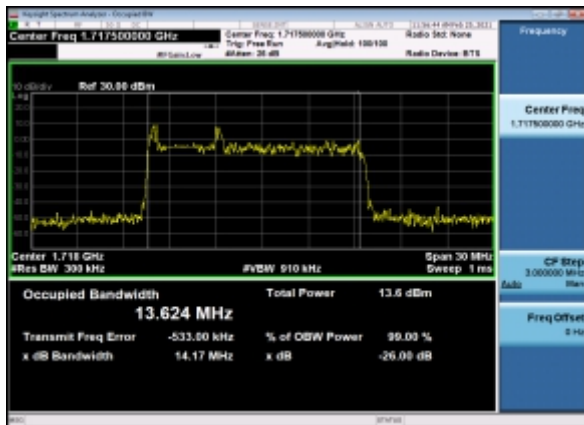
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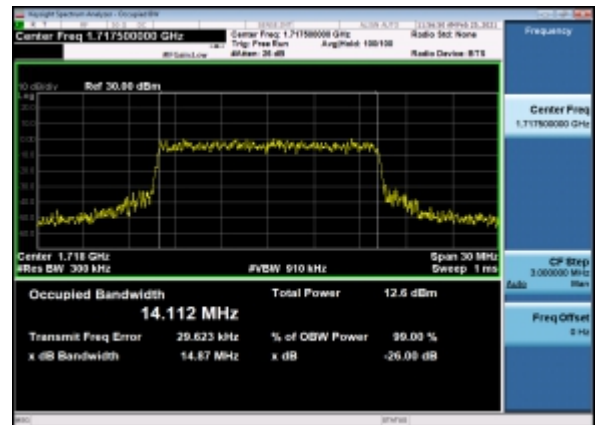
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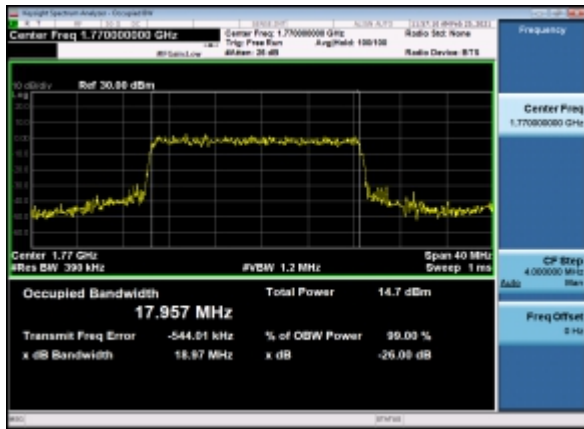
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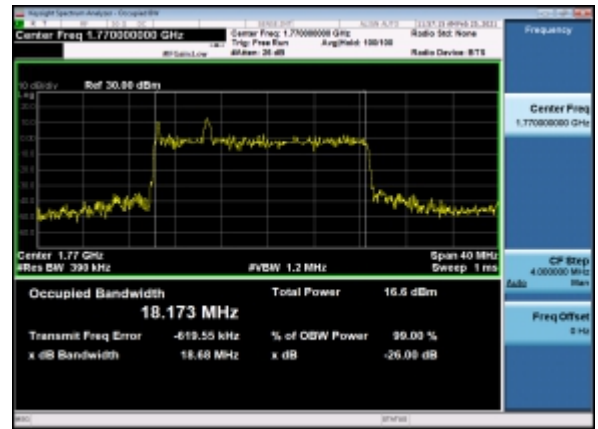
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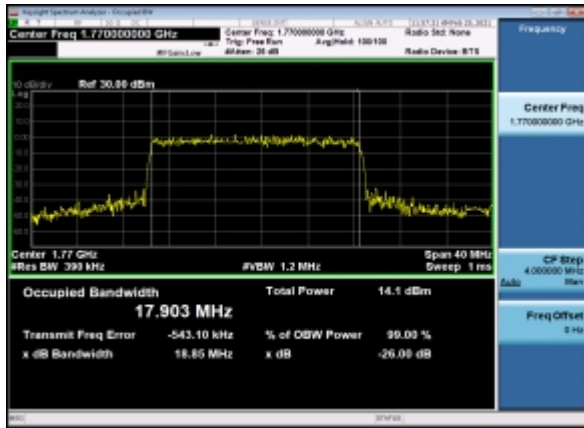
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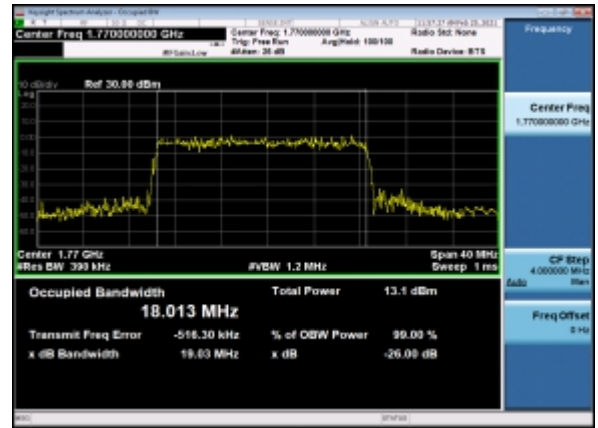
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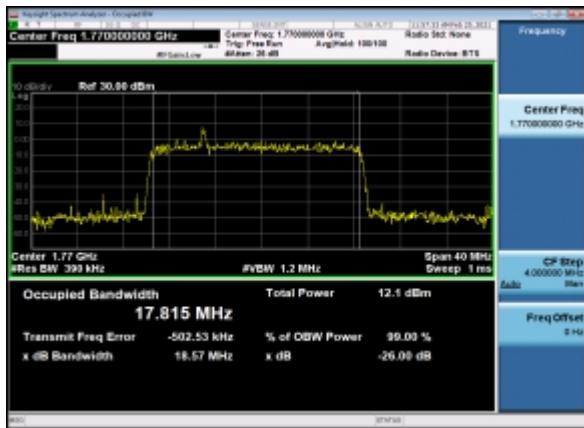
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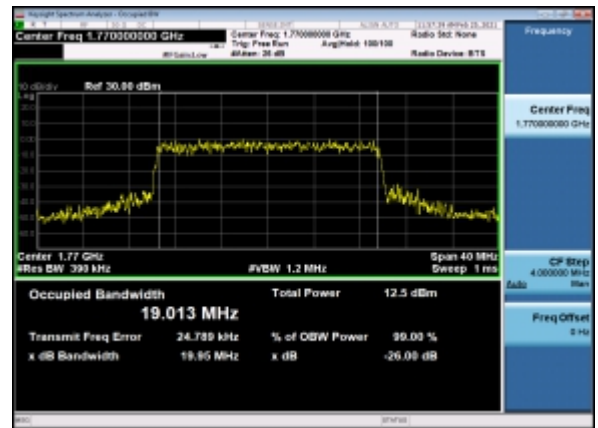
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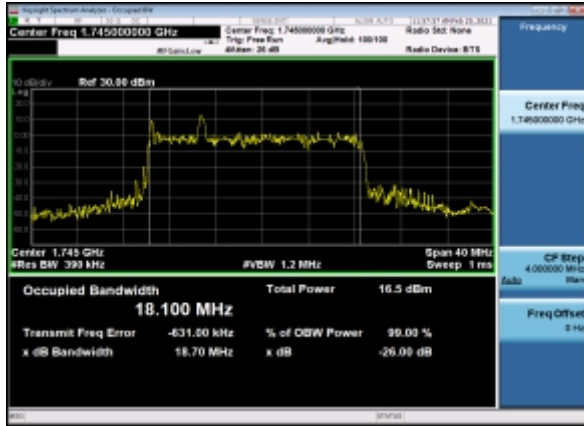
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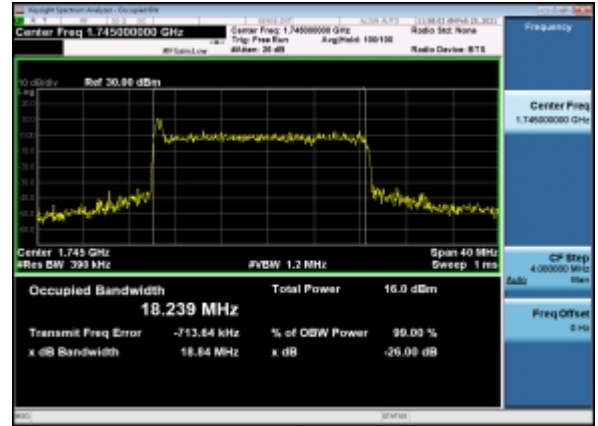
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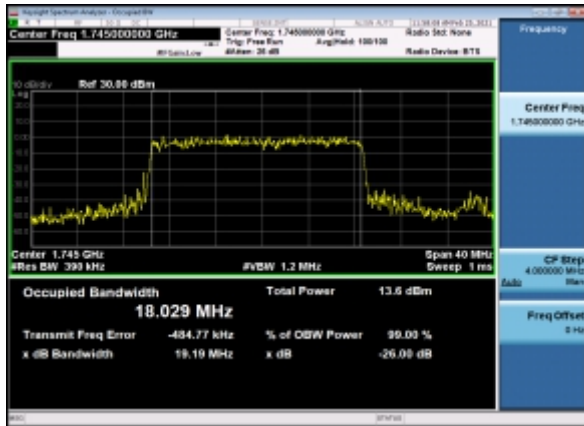
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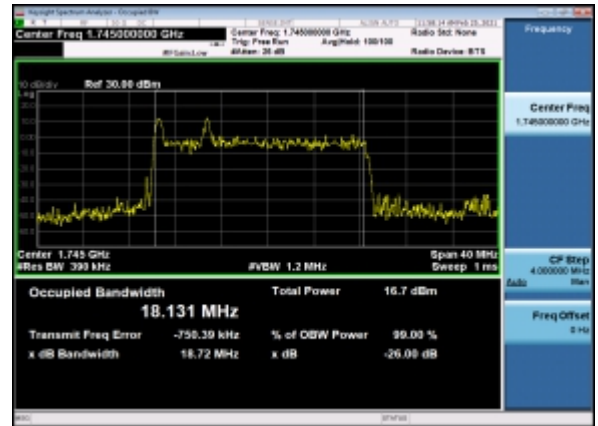
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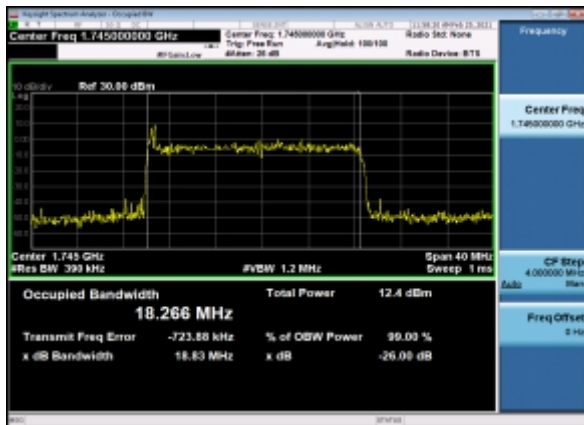
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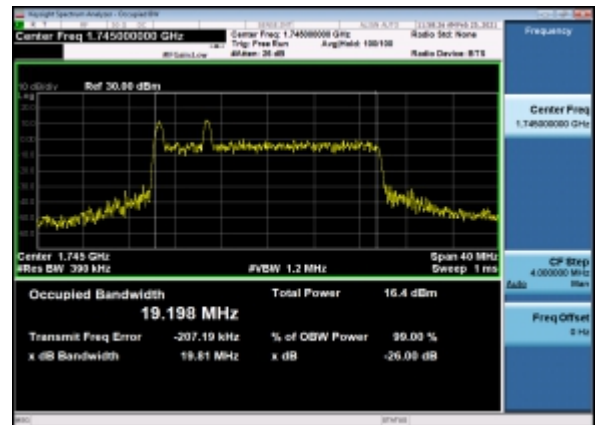
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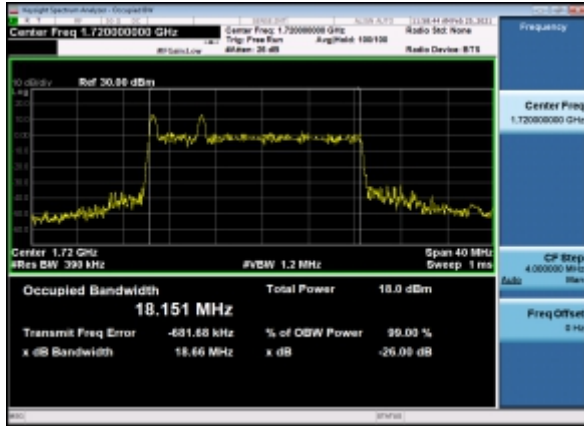


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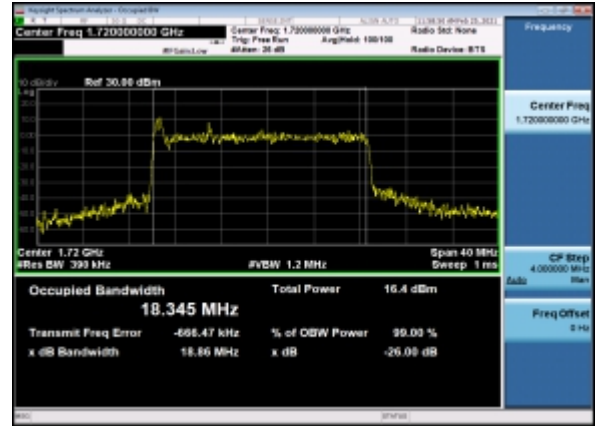




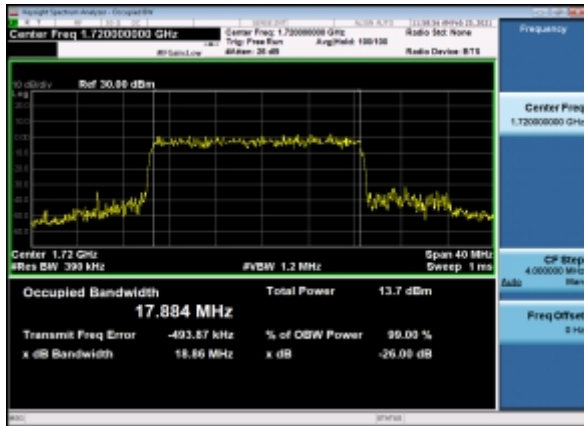
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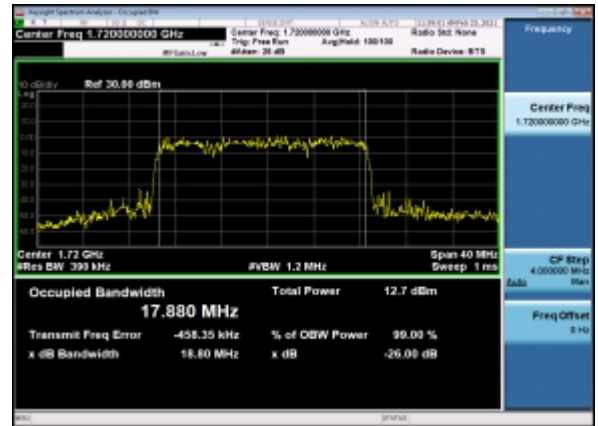
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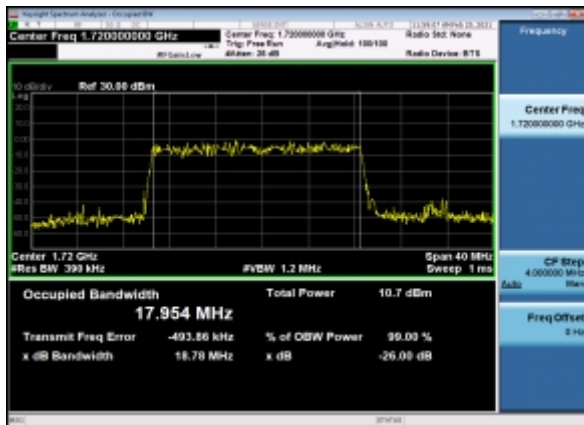
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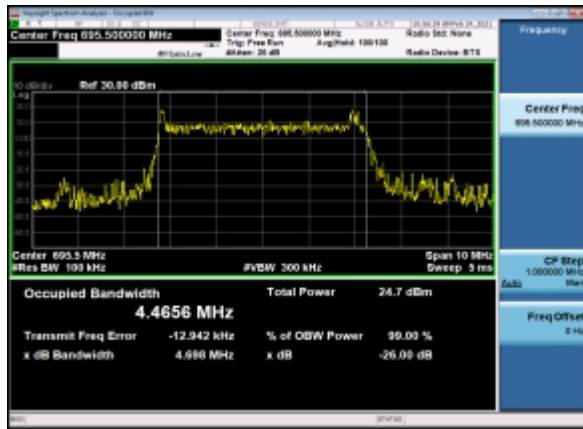
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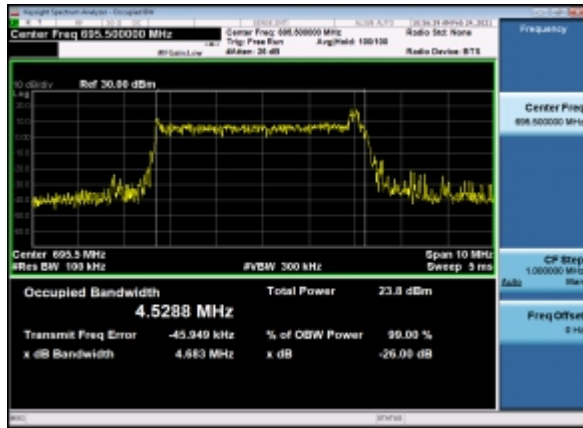
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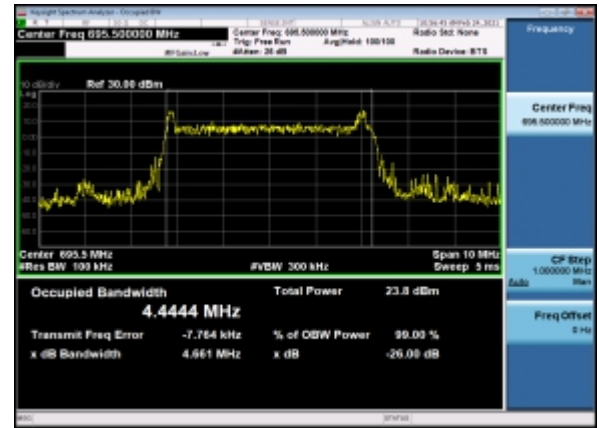
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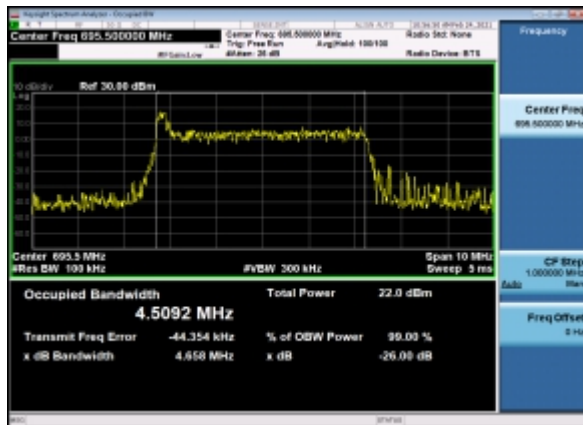
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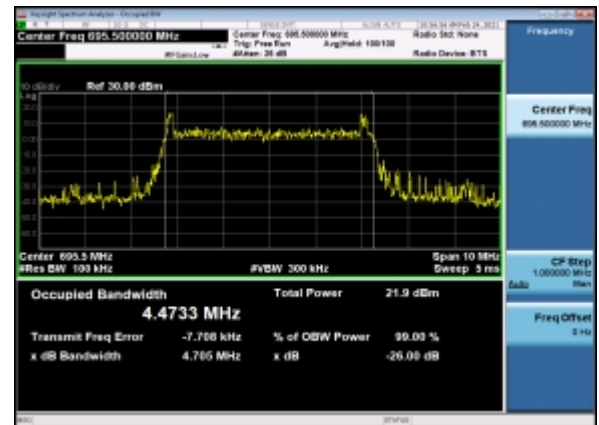
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B7_N71(5M)_CP-OFDM_QPSK_Outer_Full_High_CH



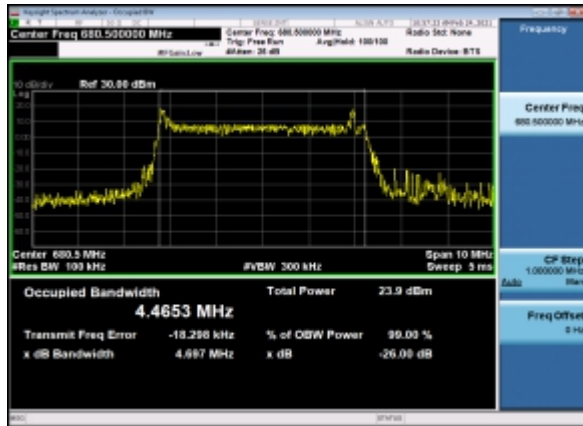
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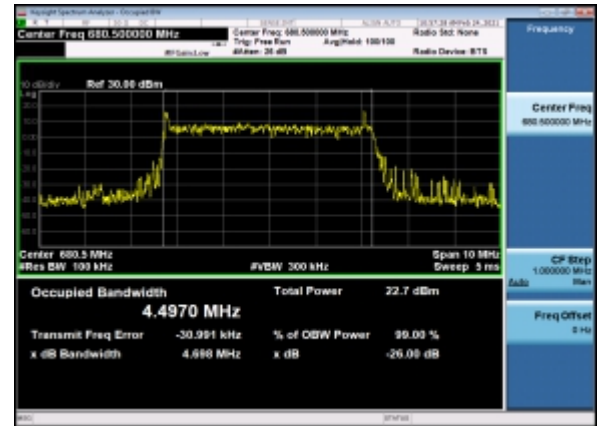
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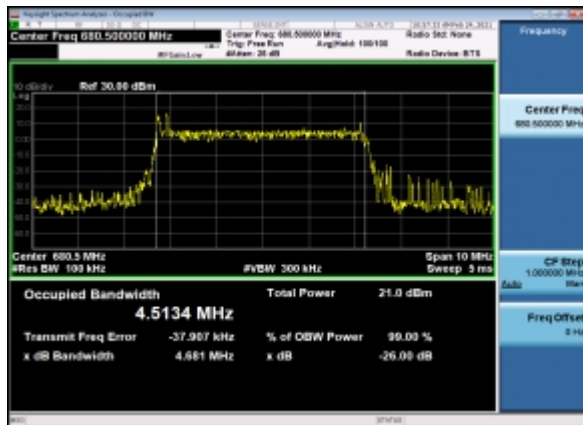
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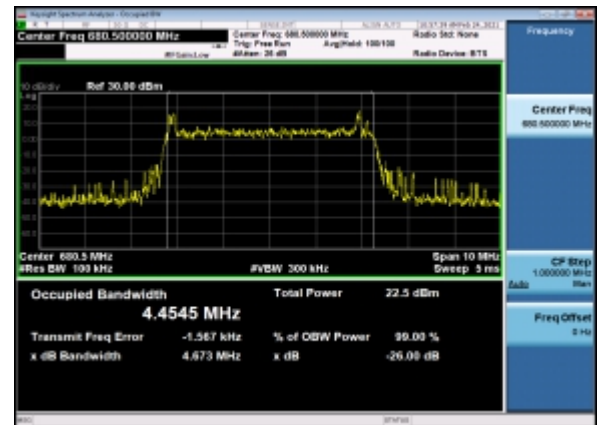
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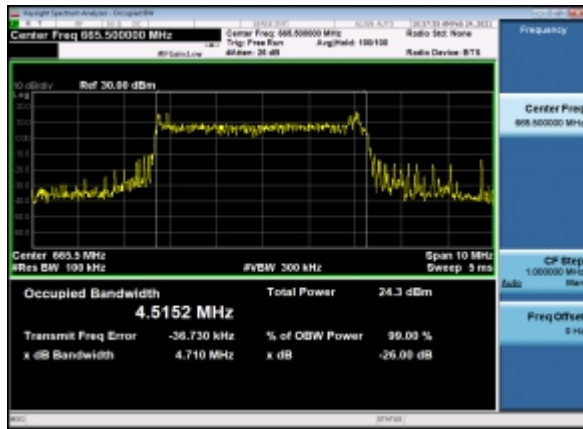
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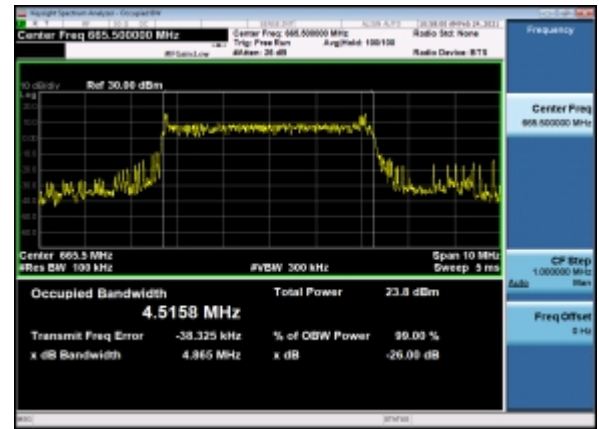
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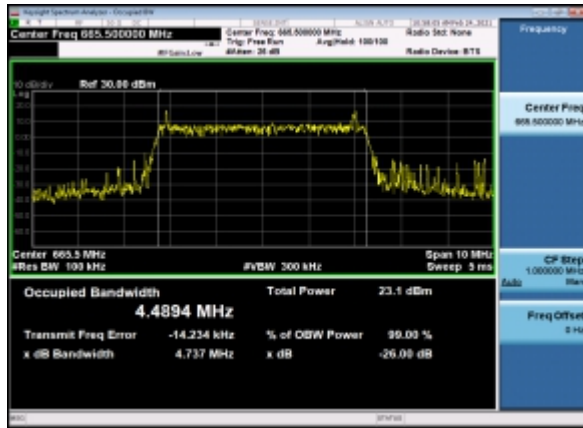
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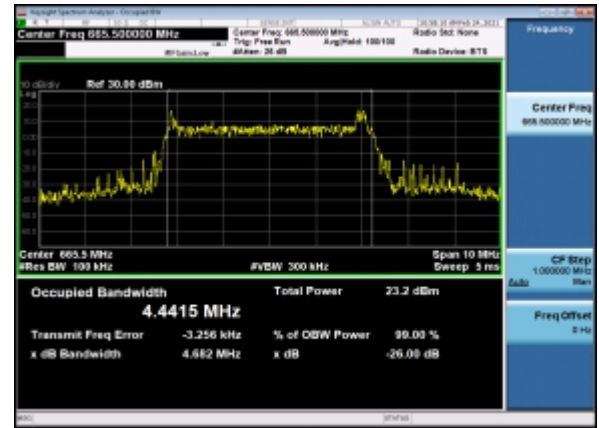
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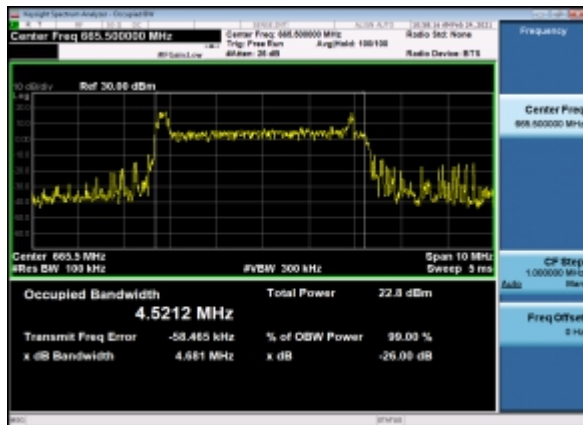
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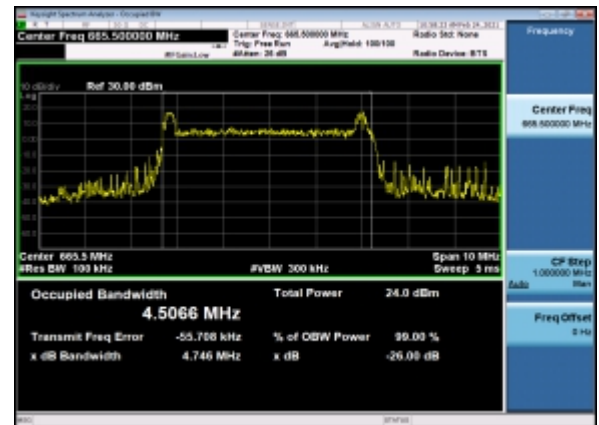
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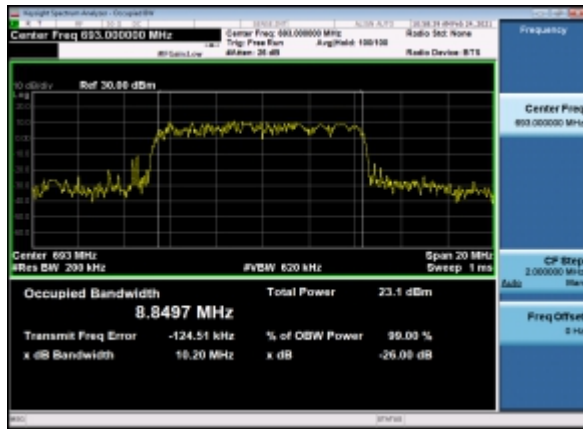
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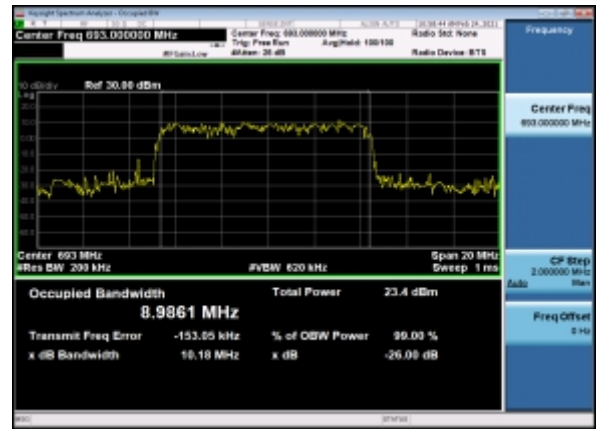
B7_N71(5M)_CP-OFDM_QPSK_Outer_Full_Low_CH



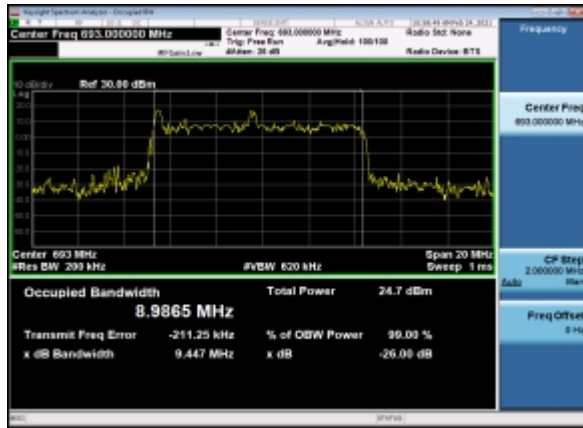
B7_N71(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



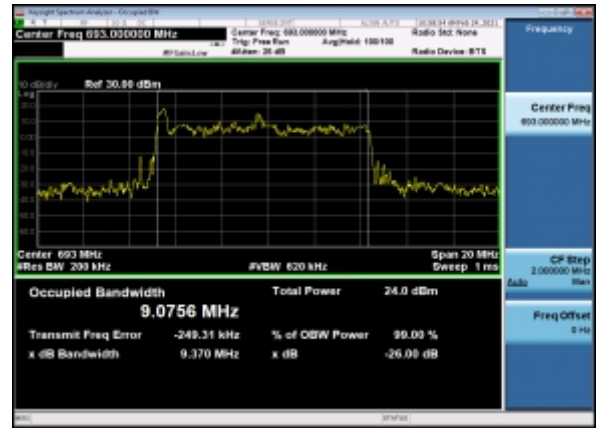
B7_N71(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



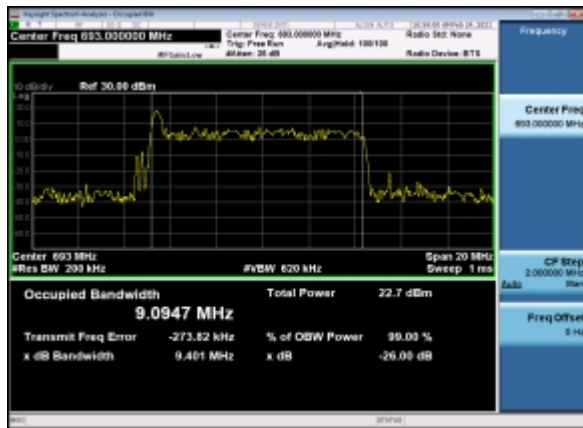
B7_N71(10M)_DFT-s-OFDM_16_QAM_Outer_Full_High_CH



B7_N71(10M)_DFT-s-OFDM_64_QAM_Outer_Full_High_CH



B7_N71(10M)_DFT-s-OFDM_256_QAM_Outer_Full_High_CH



B7_N71(10M)_CP-OFDM_QPSK_Outer_Full_High_CH

