



REPORT No.: SZ20100013W10

TEST REPORT

APPLICANT : Reliance Communications LLC

PRODUCT NAME : Orbic Magic

MODEL NAME : R678EL

BRAND NAME : Orbic

FCC ID : 2ABGH-R678EL

STANDARD(S) : 47 CFR Part 22, Subpart H
47 CFR Part 24, Subpart E
47 CFR Part 27, Subpart D&H&L&M&N

RECEIPT DATE : 2020-11-05

TEST DATE : 2020-11-06 to 2021-02-09

ISSUE DATE : 2020-02-10



Edited by:

Zhou Xiaolong

Zhou Xiaolong (Rapporteur)

Approved by:

Peng Huarui

Peng Huarui (Supervisor)

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Change History		
Version	Date	Reason for change
1.0	2020-02-10	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

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

1.2. Equipment Under Test (EUT) Description

Product Name:	Orbic Magic	
Hardware Version:	V2.1	
Software Version:	ORB678EL_V1.0.47_BTf	
IMEI:	35405354	
Modulation Type:	DFT-s-OFDM	PI/2 BPSK, QPSK, 16QAM,64QAM,256QAM
	CP-OFDM	QPSK, 16QAM,64QAM,256QAM
Operation Band:	B12_N25, B26_N41, B66_N2, B66_N5, B66_N71, B71_N66	
Frequency Range:	B12_N25	Tx: 1850MHz -1910MHz
		Rx: 1930MHz -1995MHz
	B26_N41	Tx: 2496MHz -2690MHz
		Rx: 2496MHz -2690MHz
	B66_N2	Tx: 1850MHz -1910MHz
		Rx: 1930MHz -1990MHz
	B66_N5	Tx: 824MHz -849MHz
		Rx: 869MHz -894MHz
	B66_N71	Rx: 663MHz -698MHz
		Rx: 617MHz -652MHz
Channel Bandwidth	B71_N66	Tx: 1710MHz -1780MHz
		Rx: 2110MHz -2180MHz
	B12_N25	20 MHz, 40 MHz, 60 MHz, 80MHz, 100 MHz
	B26_N41	5 MHz, 10 MHz, 15 MHz, 20MHz
	B66_N2	5 MHz, 10 MHz, 15 MHz, 20MHz
	B66_N5	5 MHz, 10 MHz, 15 MHz, 20MHz



	B66_N71	5 MHz, 10 MHz, 15 MHz, 20MHz
	B71_N66	5 MHz, 10 MHz, 15 MHz, 20MHz
Antenna Type:	Fixed External	
Antenna Gain:	B12_N25	-2.4 dBi
	B26_N41	1.00 dBi
	B66_N2	-2.40 dBi
	B66_N5	-2.00 dBi
	B66_N71	-2.00 dBi
	B71_N66	-2.90 dBi
Accessory Information:	AC Adapter 1	
	Brand Name:	Orbic
	Model No.:	BLJ-QC06HU
	Serial No.:	(N/A, marked #1 by test site)
	Rated Input:	100-240V~ 50HZ, 0.50A
	Rated Output:	5---3A;9---2A; 12---1.5A
	Manufacturer:	Baolijin
	Battery 1	
	Brand Name:	Orbic
	Model No.:	BLE-5001
	Serial No.:	(N/A, marked #1 by test site)
	Capacity:	5000.00mAh
	Rated Voltage:	3.85V
	Charge Limit:	4.40V
	Manufacturer:	HUIZHOU DXDRAGON INC

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



1.3. Maximum ERP/EIRP and Emission Designator

B12_N25	Maximum ERP/EIRP (W)									
	DFT-s-OFDM					CP-OFDM				
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM
20	0.230	0.230	0.223	0.186	0.101	0.222	0.193	0.180	0.120	0.073
15	0.218	0.223	0.201	0.182	0.091	0.201	0.184	0.169	0.115	0.058
10	0.216	0.230	0.216	0.157	0.115	0.218	0.202	0.200	0.212	0.090
5	0.221	0.223	0.222	0.183	0.092	0.183	0.182	0.183	0.157	0.057

Emission Designator (99%OBW)					
DFT-s-OFDM					CP-OFDM
PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
18M2G7D	18M2G7D	18M2G7D	18M2W7D	18M2D7W	19M0D7W
13M5G7D	13M6G7D	13M6G7D	13M5W7D	13M5D7W	14M3G7D
9M00G7D	9M00G7D	9M00G7D	9M10W7D	9M00D7W	9M40G7D
4M49G7D	4M53G7D	4M52G7D	4M54W7D	4M50D7W	4M56G7D



B26_N41	Maximum ERP/EIRP (W)									
	DFT-s-OFDM					CP-OFDM				
BW(MHz)	PI/2 BPSK	QPSK	16QA M	64QA M	256QA M	PI/2 BPSK	QPSK	16QA M	64QA M	256QA M
100	0.424	0.476	0.460	0.439	0.310	0.432	0.428	0.406	0.378	0.275
80	0.443	0.446	0.443	0.443	0.318	0.471	0.444	0.436	0.429	0.222
60	0.434	0.444	0.441	0.424	0.337	0.465	0.441	0.438	0.378	0.250
40	0.619	0.610	0.587	0.564	0.304	0.456	0.495	0.482	0.493	0.316
20	0.628	0.628	0.619	0.587	0.399	0.558	0.569	0.564	0.501	0.251

Emission Designator (99%OBW)					
DFT-s-OFDM					CP-OFDM
PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
98M0G7D	98M5G7D	97M6G7D	97M4W7D	96M8D7W	98M0G7D
78M0G7D	83M9G7D	78M3G7D	78M0W7D	78M6D7W	79M0G7D
58M6G7D	59M0G7D	59M1G7D	59M0W7D	58M7D7W	59M3G7D
36M40G7D	36M80G7D	36M60G7D	36M6W7D	36M7D7W	38M60G7D



B66_N2	Maximum ERP/EIRP (W)									
	DFT-s-OFDM					CP-OFDM				
BW(MHz)	PI/2 BPSK	QPSK	16QA M	64QA M	256QA M	PI/2 BPSK	QPSK	16QA M	64QA M	256QA M
20	0.131	0.143	0.122	0.119	0.053	0.113	0.140	0.144	0.088	0.055
15	0.117	0.127	0.108	0.106	0.047	0.104	0.129	0.162	0.081	0.050
10	0.109	0.186	0.101	0.099	0.044	0.121	0.204	0.126	0.077	0.048
5	0.104	0.113	0.097	0.131	0.042	0.090	0.111	0.115	0.070	0.043

Emission Designator (99%OBW)					
DFT-s-OFDM					CP-OFDM
PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
18M2G7D	18M2G7D	18M0G7D	18M2W7D	18M0D7W	19M1G7D
13M6G7D	13M6G7D	13M6G7D	13M5W7D	13M6D7W	14M4G7D
9M04G7D	9M04G7D	9M09G7D	9M01W7D	9M00D7W	9M40G7D
4M51G7D	4M50G7D	4M52G7D	4M48W7D	4M52D7W	4M52G7D



B66_N5	Maximum ERP/EIRP (W)									
	DFT-s-OFDM					CP-OFDM				
BW(MHz)	PI/2 BPSK	QPSK	16QA M	64QA M	256QA M	PI/2 BPSK	QPSK	16QA M	64QA M	256QA M
20	0.033	0.034	0.037	0.039	0.034	0.039	0.032	0.032	0.033	0.033
15	0.034	0.039	0.037	0.035	0.033	0.039	0.033	0.037	0.037	0.036
10	0.033	0.035	0.039	0.037	0.034	0.037	0.037	0.039	0.039	0.039
5	0.032	0.031	0.032	0.033	0.031	0.037	0.036	0.037	0.039	0.035

Emission Designator (99%OBW)					
DFT-s-OFDM					CP-OFDM
PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
18M1G7D	18M1G7D	18M1G7D	18M1W7D	18M1D7W	19M0G7D
13M6G7D	13M6G7D	13M6G7D	13M7W7D	13M5D7W	14M2G7D
9M02G7D	9M03G7D	9M05G7D	9M04W7D	8M98D7W	9M45G7D
4M50G7D	4M54G7D	4M52G7D	4M48W7D	4M51D7W	4M53G7D



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B66_N71	Maximum ERP/EIRP (W)									
	DFT-s-OFDM					CP-OFDM				
BW(MHz)	PI/2 BPSK	QPSK	16QA M	64QA M	256QA M	PI/2 BPSK	QPSK	16QA M	64QA M	256QA M
20	0.038	0.048	0.040	0.043	0.047	0.048	0.043	0.043	0.036	0.044
15	0.048	0.042	0.047	0.047	0.045	0.044	0.047	0.044	0.042	0.047
10	0.046	0.047	0.047	0.047	0.045	0.048	0.047	0.046	0.046	0.041
5	0.047	0.047	0.043	0.046	0.047	0.048	0.046	0.046	0.045	0.047

Emission Designator (99%OBW)					
DFT-s-OFDM					CP-OFDM
PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
18M2G7D	18M1G7D	18M0G7D	18M2W7D	18M1D7W	19M1G7D
13M6G7D	13M6G7D	13M6G7D	13M5W7D	13M7D7W	14M3G7D
9M05G7D	9M08G7D	9M06G7D	8M99W7D	8M92D7W	9M37G7D
4M51G7D	4M53G7D	4M50G7D	4M50W7D	4M54D7W	4M51G7D



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B71_N66	Maximum ERP/EIRP (W)									
	DFT-s-OFDM					CP-OFDM				
BW(MHz)	PI/2 BPSK	QPSK	16QA M	64QA M	256QA M	PI/2 BPSK	QPSK	16QA M	64QA M	256QA M
20	0.180	0.185	0.184	0.144	0.103	0.160	0.161	0.191	0.133	0.079
15	0.160	0.165	0.164	0.129	0.091	0.140	0.140	0.156	0.116	0.069
10	0.143	0.147	0.146	0.115	0.082	0.127	0.128	0.152	0.105	0.063
5	0.132	0.136	0.135	0.105	0.075	0.121	0.121	0.144	0.100	0.060

Emission Designator (99%OBW)					
DFT-s-OFDM					CP-OFDM
PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
18M0G7D	18M0G7D	18M2G7D	18M1W7D	18M0D7W	19M1G7D
13M6G7D	13M6G7D	13M6G7D	13M6W7D	13M6D7W	14M2G7D
9M01G7D	9M05G7D	9M04G7D	9M01W7D	9M08D7W	9M43G7D
4M51G7D	4M50G7D	4M50G7D	4M51W7D	4M50D7W	4M49G7D



1.4. Test Standards and Results

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

No	Identity	Document Title
1	47 CFR Part 2	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
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, 22.913(a)(2), 24.232(c), 27.50(c)(10) 27.50(d)(4), 27.50(h)(2) 27.50(a)(3)	Transmitter Conducted Output Power and ERP/EIRP	Nov 06 to 12, 2020	Tang Jinde	PASS	No deviation
2.1049	Occupied Bandwidth	Jan 15 to Feb 9, 2021	Tang Jinde	PASS	No deviation
2.1055, 22.355, 24.235, 27.54	Frequency Stability	Dec 15 to 28, 2020	Tang Jinde	PASS	No deviation
24.232(d), 27.50(d)(5)	Peak to Average Radio	Jan 3 to 16, 2021	Tang Jinde	PASS	No deviation
2.1051, 22.917(a), 24.238, 27.53(g)(h) 27.53(m)(4)(a)(4)	Conducted Spurious Emissions	Nov 13 to 27, 2020	Tang Jinde	PASS	No deviation
2.1051, 22.917(a), 24.238, 27.53(g)(h) 27.53(m)(4)(a)(4)	Band Edge	Dec 11, and 21, 2020	Tang Jinde	PASS	No deviation
2.1051, 22.917(a), 24.238, 27.53(g)(h) 27.53(m)(4)(a)(4)	Radiated Spurious Emissions	Jan 5 to 29, 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 10dB.					



1.5. Environmental Conditions

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

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



2.47 CFR Part 2, Part 22H, Part 24E and 27D&H&L&M Requirements

2.1. Transmitter Conducted Output Power And ERP/EIRP

2.1.1. Requirement

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

According to FCC section 22.913 (a.2) for LTE Band 5/26, the ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

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

----- Attenuator 1 -----

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.

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

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

**2.1.4. Result****Conducted Output Power:****EN-DC_12A-N25**

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376500	381000
Frequency (MHz)				1860	1882.5	1905
20	DFT-s-OFDM PI/2 BPSK	1	1	25.40	25.46	25.66
20		1	53	24.36	25.05	25.03
20		1	104	25.03	25.29	25.33
20		50	1	25.20	25.33	25.98
20		50	25	25.35	25.53	25.48
20		50	50	25.97	26.01	25.22
20		100	0	25.44	25.36	25.78
20	DFT-s-OFDM QPSK	1	1	26.02	25.97	25.43
20		1	53	25.39	25.47	25.51
20		1	104	25.12	25.24	25.18
20		50	1	25.33	25.04	25.94
20		50	25	25.52	25.50	25.52
20		50	50	25.36	25.46	25.11
20		100	0	25.36	25.78	25.97
20	DFT-s-OFDM 16QAM	1	1	25.54	25.63	25.59
20		1	53	25.14	25.17	25.06
20		1	104	25.14	25.33	25.33
20		50	1	25.77	25.62	25.41
20		50	25	25.24	25.54	25.51
20		50	50	25.64	25.88	25.10
20		100	0	25.33	25.43	25.06
20	DFT-s-OFDM 64QAM	1	1	23.88	24.00	23.94
20		1	53	22.89	23.58	24.06
20		1	104	23.89	23.72	24.08
20		50	1	24.00	23.99	23.87
20		50	25	23.84	24.12	25.10
20		50	50	23.45	23.87	24.02
20		100	0	24.06	23.94	23.12
20	DFT-s-OFDM	1	1	21.54	21.64	21.71



20	256QAM	1	53	20.99	21.12	21.36
20		1	104	21.44	21.47	21.40
20		50	1	21.89	21.99	22.01
20		50	25	21.84	22.02	22.00
20		50	50	22.30	22.14	22.01
20		100	0	21.98	22.05	22.45
Channel				371500	376500	381500
Frequency (MHz)				1857.5	1882.5	1907.5
15	DFT-s-OFDM PI/2 BPSK	1	1	25.37	25.38	25.41
15		1	39	25.45	25.36	25.78
15		1	77	25.22	25.14	25.16
15		36	1	25.36	25.74	24.98
15		36	18	25.32	25.37	25.31
15		36	36	25.66	24.99	24.98
15	DFT-s-OFDM QPSK	75	0	25.01	24.99	25.01
15		1	1	25.30	25.42	25.44
15		1	39	25.13	25.06	25.11
15		1	77	25.13	25.26	25.19
15		36	1	25.12	25.36	25.89
15		36	18	25.29	25.25	25.28
15	DFT-s-OFDM 16QAM	36	36	24.94	15.06	24.96
15		75	0	23.98	24.55	24.36
15		1	1	25.32	25.34	25.38
15		1	39	25.02	25.30	25.41
15		1	77	25.14	25.17	25.22
15		36	1	25.41	25.43	25.31
15	DFT-s-OFDM 64QAM	36	18	25.28	25.31	25.37
15		36	36	25.36	25.41	25.33
15		75	0	25.01	25.03	25.41
15		1	1	24.10	24.10	23.80
15		1	39	24.33	24.96	25.01
15		1	77	23.60	23.88	23.57
15	DFT-s-OFDM 256QAM	36	1	23.66	23.45	23.15
15		36	18	23.83	23.81	23.89
15	DFT-s-OFDM	36	36	22.14	22.69	21.99
15		75	0	23.01	22.54	22.87
15	DFT-s-OFDM	1	1	21.36	21.58	21.56
15		1	39	20.99	21.15	21.45



15		1	77	21.32	21.36	21.37
15		36	1	21.35	21.36	21.85
15		36	18	21.76	21.85	21.81
15		36	36	21.45	21.99	21.85
15		75	0	21.75	21.49	21.68
Channel				371000	376500	382000
Frequency (MHz)				1855	1882.5	1910
10	DFT-s-OFDM PI/2 BPSK	1	1	25.53	25.43	25.56
10		1	25	25.34	25.31	25.46
10		1	50	25.39	25.30	25.43
10		25	1	25.47	25.41	25.38
10		25	12	25.51	25.54	25.51
10		25	24	25.51	25.61	25.34
10		50	0	25.42	25.74	25.61
10	DFT-s-OFDM QPSK	1	1	25.51	25.49	25.45
10		1	25	25.31	25.42	25.43
10		1	50	25.36	25.28	25.33
10		25	1	25.66	25.46	25.41
10		25	12	25.58	25.47	25.51
10		25	24	25.99	25.41	26.01
10		50	0	25.11	25.48	25.66
10	DFT-s-OFDM 16QAM	1	1	25.44	25.57	25.69
10		1	25	25.36	25.41	25.74
10		1	50	25.48	25.37	25.45
10		25	1	25.34	25.11	25.10
10		25	12	25.58	25.51	25.58
10		25	24	24.69	24.36	25.01
10		50	0	25.11	24.99	24.85
10	DFT-s-OFDM 64QAM	1	1	23.95	23.89	23.93
10		1	25	23.65	23.75	23.48
10		1	50	23.79	23.74	24.12
10		25	1	24.01	23.96	24.05
10		25	12	24.06	24.02	23.98
10		25	24	22.96	24.36	23.14
10		50	0	20.99	21.96	22.85
10	DFT-s-OFDM 256QAM	1	1	21.67	21.64	21.63
10		1	25	21.36	22.05	21.97
10		1	50	21.54	21.53	21.62



10		25	1	21.96	21.63	21.98
10		25	12	22.04	22.01	22.02
10		25	24	22.01	23.01	22.98
10		50	0	21.69	21.85	21.67
Channel				370500	376500	382500
Frequency (MHz)				1852.5	1882.5	1912.5
5	DFT-s-OFDM PI/2 BPSK	1	1	25.31	25.37	25.30
5		1	12	25.43	25.41	25.47
5		1	23	25.34	25.35	25.25
5		12	1	25.46	25.74	24.98
5		12	6	25.36	25.31	25.32
5		12	12	25.25	25.47	25.03
5		25	0	25.74	25.64	25.84
5	DFT-s-OFDM QPSK	1	1	25.23	25.29	25.22
5		1	12	25.69	25.12	25.06
5		1	23	25.32	25.38	25.21
5		12	1	25.89	25.13	24.98
5		12	6	25.36	25.36	25.30
5		12	12	25.12	25.24	25.43
5		25	0	25.43	25.16	25.46
5	DFT-s-OFDM 16QAM	1	1	25.45	25.21	25.46
5		1	12	25.44	25.76	25.34
5		1	23	25.32	25.28	25.33
5		12	1	25.44	25.17	25.86
5		12	6	25.39	25.31	25.28
5		12	12	25.13	25.42	25.62
5		25	0	25.13	25.01	25.64
5	DFT-s-OFDM 64QAM	1	1	24.03	23.65	23.69
5		1	12	24.29	24.58	24.69
5		1	23	24.06	24.07	23.71
5		12	1	24.96	25.02	23.98
5		12	6	23.81	23.75	23.76
5		12	12	22.98	23.14	24.02
5		25	0	22.05	22.15	22.69
5	DFT-s-OFDM 256QAM	1	1	21.53	21.42	21.53
5		1	12	21.05	21.06	21.55
5		1	23	21.40	21.42	21.18
5		12	1	21.43	21.84	21.63



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5		12	6	21.92	21.98	21.87
5		12	12	21.36	21.78	21.98
5		25	0	22.05	21.75	21.36

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BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376500	381000
Frequency (MHz)				1860	1882.5	1905
20	CP-OFDM PI/2 BPSK	1	1	24.36	25.02	25.36
20		1	53	24.96	24.53	24.12
20		1	104	24.36	24.85	24.96
20		53	1	24.78	24.12	24.58
20		53	26	24.13	24.89	24.56
20		53	52	25.02	24.36	25.00
20		106	0	24.91	24.35	25.87
20	CP-OFDM QPSK	1	1	24.83	25.26	25.24
20		1	53	25.03	25.12	24.90
20		1	104	24.59	24.79	24.82
20		53	1	24.36	24.52	24.37
20		53	26	24.77	25.00	25.04
20		53	52	24.02	24.12	24.36
20		106	0	24.75	24.36	24.91
20	CP-OFDM 16QAM	1	1	24.52	24.54	24.42
20		1	53	24.13	24.75	24.03
20		1	104	24.26	24.32	24.27
20		53	1	23.59	24.60	24.03
20		53	26	24.45	24.46	24.44
20		53	52	24.36	24.52	24.96
20		106	0	23.53	23.42	24.02
20	CP-OFDM 64QAM	1	1	22.93	22.93	23.18
20		1	53	23.05	22.24	22.48
20		1	104	22.67	22.65	22.64
20		53	1	22.36	22.95	23.01
20		53	26	22.96	23.06	23.01
20		53	52	22.87	22.66	23.02
20		106	0	23.01	22.96	22.85
20	CP-OFDM 256QAM	1	1	19.80	19.79	19.78
20		1	53	20.13	19.98	20.11
20		1	104	19.46	19.49	19.45
20		53	1	21.01	20.36	20.54



20		53	26	20.00	20.05	20.04
20		53	52	20.14	20.56	20.89
20		106	0	20.25	20.46	20.78
Channel				371500	376500	381500
Frequency (MHz)				1857.5	1882.5	1907.5
15	CP-OFDM PI/2 BPSK	1	1	24.98	25.03	24.55
15		1	37	24.99	25.30	25.41
15		1	77	25.01	25.20	25.43
15		39	1	24.96	25.10	25.42
15		39	19	25.42	24.63	24.98
15		39	38	25.36	24.96	25.01
15		79	0	25.30	25.05	25.36
15	CP-OFDM QPSK	1	1	24.94	25.05	24.85
15		1	37	24.10	24.35	24.69
15		1	77	24.62	24.58	24.59
15		39	1	23.59	23.88	24.01
15		39	191	23.31	23.35	23.30
15		39	38	23.45	23.51	24.02
15		79	0	24.12	24.13	24.25
15	CP-OFDM 16QAM	1	1	24.41	24.42	24.35
15		1	37	23.96	24.55	24.69
15		1	77	24.17	24.08	23.98
15		39	1	23.15	24.02	23.96
15		39	191	23.46	23.44	23.45
15		39	38	22.05	22.36	23.06
15		79	0	23.04	22.98	23.52
15	CP-OFDM 64QAM	1	1	22.71	22.78	22.75
15		1	37	22.48	21.98	22.01
15		1	77	22.53	22.56	22.67
15		39	1	22.58	22.36	22.48
15		39	191	22.87	22.82	22.75
15		39	38	22.45	22.96	22.75
15		79	0	22.25	23.02	22.36
15	CP-OFDM 256QAM	1	1	19.57	19.52	19.61
15		1	37	19.89	19.85	19.84
15		1	77	19.12	19.20	19.15
15		39	1	19.36	19.78	20.01
15		39	191	19.87	19.81	19.81



15		39	38	19.58	19.75	19.89
15		79	0	19.69	19.84	19.25
Channel				371000	376500	382000
Frequency (MHz)				1855	1882.5	1910
10	CP-OFDM PI/2 BPSK	1	1	25.46	24.99	25.36
10		1	25	25.69	25.49	24.96
10		1	50	25.46	24.97	25.19
10		26	1	25.46	25.48	24.99
10		26	13	24.84	25.12	25.78
10		26	26	25.58	24.88	25.02
10		52	0	25.41	25.23	25.36
10	CP-OFDM QPSK	1	1	25.14	25.21	25.00
10		1	25	24.91	24.36	25.02
10		1	50	24.91	24.98	24.94
10		26	1	24.96	24.85	24.87
10		26	13	25.02	24.98	25.04
10		26	26	25.13	25.14	25.46
10		52	0	24.98	24.85	25.06
10	CP-OFDM 16QAM	1	1	24.68	24.49	24.59
10		1	25	25.36	24.98	24.85
10		1	50	24.50	24.42	24.49
10		26	1	25.42	25.36	24.85
10		26	13	24.50	24.51	24.51
10		26	26	23.56	23.58	24.59
10		52	0	23.95	24.36	25.36
10	CP-OFDM 64QAM	1	1	22.95	22.86	23.13
10		1	25	23.25	22.96	22.45
10		1	50	22.83	25.66	22.83
10		26	1	23.58	25.46	25.36
10		26	13	23.04	23.02	23.15
10		26	26	23.52	24.06	23.98
10		52	0	25.36	25.38	25.46
10	CP-OFDM 256QAM	1	1	19.80	19.70	19.78
10		1	25	20.35	20.36	20.36
10		1	50	19.65	19.49	19.63
10		26	1	20.48	20.69	19.99
10		26	13	20.03	19.98	20.03
10		26	26	21.02	20.98	21.30



10		52	0	21.59	21.63	21.94
Channel				370500	376500	382500
Frequency (MHz)				1852.5	1882.5	1912.5
5	CP-OFDM PI/2 BPSK	1	1	24.96	25.02	24.96
5		1	12	24.36	24.95	24.38
5		1	23	24.69	24.35	23.15
5		12	1	25.01	24.66	24.93
5		12	6	24.78	24.95	24.75
5		12	12	24.36	24.52	24.85
5		25	0	23.99	24.12	24.63
5	CP-OFDM QPSK	1	1	24.88	24.81	24.82
5		1	12	24.78	25.01	24.99
5		1	23	24.75	24.75	24.98
5		12	1	24.02	24.30	24.80
5		13	6	24.75	24.80	24.66
5		12	12	23.96	24.85	24.95
5		25	0	23.96	24.05	23.87
5	CP-OFDM 16QAM	1	1	24.40	24.34	24.15
5		1	12	24.08	24.12	24.63
5		1	23	24.26	24.38	24.18
5		12	1	24.58	24.78	25.02
5		13	6	24.30	24.24	24.19
5		12	12	24.25	24.36	24.69
5		25	0	23.69	22.78	24.85
5	CP-OFDM 64QAM	1	1	22.95	22.89	22.94
5		1	12	22.36	21.98	21.87
5		1	23	22.63	22.58	22.92
5		12	1	23.05	23.40	22.89
5		13	6	22.86	22.90	22.83
5		12	12	22.85	23.78	24.36
5		25	0	20.15	20.48	21.36
5	CP-OFDM 256QAM	1	1	19.52	19.58	19.64
5		1	12	19.89	19.69	19.75
5		1	23	19.32	19.27	19.42
5		12	1	19.85	19.39	19.52
5		13	6	19.99	19.99	19.93
5		12	12	19.37	19.84	19.27
5		25	0	19.36	19.57	19.87



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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	24.02	24.04	24.01
20		1	53	25.36	25.34	24.85
20		1	104	25.41	25.45	25.44
20		50	1	25.40	25.28	24.86
20		50	25	25.10	25.12	24.82
20		50	50	25.36	25.35	24.99
20		100	0	25.22	24.61	23.62
20	DFT-s-OFDM QPSK	1	1	25.41	25.58	25.36
20		1	53	24.29	23.88	23.59
20		1	104	24.97	24.76	24.72
20		50	1	24.55	24.58	23.01
20		50	25	24.85	24.83	24.83
20		50	50	24.40	23.56	24.59
20		100	0	25.20	24.49	24.62
20	DFT-s-OFDM 16QAM	1	1	23.94	24.05	23.77
20		1	53	23.89	24.98	24.94
20		1	104	24.84	23.92	23.79
20		50	1	25.38	25.55	25.45
20		50	25	25.12	24.94	24.92
20		50	50	25.51	24.24	24.03
20		100	0	24.49	24.13	24.04
20	DFT-s-OFDM 64QAM	1	1	23.14	23.84	23.84
20		1	53	23.82	24.22	24.18
20		1	104	24.22	24.11	24.14
20		50	1	23.64	23.56	24.49
20		50	25	23.43	23.50	23.32
20		50	50	24.19	24.25	24.26
20		100	0	24.37	24.01	23.16
20	DFT-s-OFDM 256QAM	1	1	22.28	22.37	21.25
20		1	53	21.85	21.54	22.46
20		1	104	21.73	21.89	21.28
20		50	1	23.03	22.82	22.17



20		50	25	22.98	22.67	22.33
20		50	50	22.22	22.85	22.02
20		100	0	19.84	19.60	18.99
Channel				344000	349000	354000
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	23.52	23.54	23.51
15		1	39	24.86	24.84	24.35
15		1	77	24.91	24.95	24.94
15		36	1	24.90	24.78	24.36
15		36	18	24.60	24.62	24.32
15		36	36	24.86	24.85	24.49
15		75	0	24.72	24.11	23.12
15	DFT-s-OFDM QPSK	1	1	24.91	25.08	24.86
15		1	39	23.79	23.38	23.09
15		1	77	24.47	24.26	24.22
15		36	1	24.05	24.08	22.51
15		36	18	24.35	24.33	24.33
15		36	36	23.90	23.06	24.09
15		75	0	24.70	23.99	24.12
15	DFT-s-OFDM 16QAM	1	1	23.44	23.55	23.27
15		1	39	23.39	24.48	24.44
15		1	77	24.34	23.84	23.90
15		36	1	24.88	25.05	24.95
15		36	18	24.62	24.44	24.42
15		36	36	25.01	23.74	23.53
15		75	0	23.99	23.63	23.54
15	DFT-s-OFDM 64QAM	1	1	22.64	23.34	23.34
15		1	39	23.32	23.72	23.68
15		1	77	23.72	23.61	23.64
15		36	1	23.14	23.06	23.99
15		36	18	22.93	23.00	22.82
15		36	36	23.69	23.75	23.76
15		75	0	23.87	23.51	22.66
15	DFT-s-OFDM 256QAM	1	1	21.78	21.87	20.75
15		1	39	21.35	21.04	21.96
15		1	77	21.23	21.39	20.78
15		36	1	21.60	22.32	21.67
15		36	18	22.48	22.17	21.83



15		36	36	21.72	22.35	21.52
15		75	0	21.34	21.10	21.49
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	23.02	23.04	23.01
10		1	25	24.36	24.34	23.85
10		1	50	24.41	24.45	24.44
10		25	1	24.40	24.28	23.86
10		25	12	24.10	24.12	23.82
10		25	24	24.36	24.35	23.99
10		50	0	24.22	23.61	22.62
10	DFT-s-OFDM QPSK	1	1	24.41	24.58	24.36
10		1	25	23.29	22.88	22.59
10		1	50	23.97	23.76	23.72
10		25	1	23.55	23.58	22.01
10		25	12	23.85	23.83	23.83
10		25	24	23.40	22.56	23.59
10		50	0	24.20	23.49	23.62
10	DFT-s-OFDM 16QAM	1	1	22.94	23.05	22.77
10		1	25	22.89	23.98	23.94
10		1	50	23.84	22.92	22.79
10		25	1	24.38	24.55	24.45
10		25	12	24.12	23.94	23.92
10		25	24	24.51	23.24	23.03
10		50	0	23.49	23.13	23.04
10	DFT-s-OFDM 64QAM	1	1	22.14	22.84	22.84
10		1	25	22.82	23.22	23.18
10		1	50	23.22	23.11	23.14
10		25	1	22.64	22.56	23.49
10		25	12	22.43	22.50	22.32
10		25	24	23.19	23.25	23.26
10		50	0	23.37	23.01	22.16
10	DFT-s-OFDM 256QAM	1	1	21.28	21.37	20.25
10		1	25	20.85	20.54	21.46
10		1	50	20.73	20.89	20.28
10		25	1	22.03	21.82	21.17
10		25	12	21.98	21.67	21.33
10		25	24	21.22	21.85	21.02



10		50	0	21.80	21.86	21.99
Channel				342500	34900	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.66	22.68	22.65
5		1	12	24.00	23.98	23.49
5		1	23	24.05	24.09	24.08
5		12	1	24.04	23.92	23.50
5		12	6	23.74	23.76	23.46
5		12	12	24.00	23.99	23.63
5		25	0	23.86	23.25	22.26
5	DFT-s-OFDM QPSK	1	1	24.05	24.22	24.00
5		1	12	22.93	22.52	22.23
5		1	23	23.61	23.40	23.36
5		12	1	23.19	23.22	21.65
5		12	6	23.49	23.47	23.47
5		12	12	23.04	22.20	23.23
5		25	0	23.84	23.13	23.26
5	DFT-s-OFDM 16QAM	1	1	22.58	22.69	22.41
5		1	12	22.53	23.62	23.58
5		1	23	23.48	22.56	22.43
5		12	1	24.02	24.19	24.09
5		12	6	23.76	23.58	23.56
5		12	12	24.15	22.88	22.67
5		25	0	23.13	22.77	22.68
5	DFT-s-OFDM 64QAM	1	1	21.78	22.48	22.48
5		1	12	22.46	22.86	22.82
5		1	23	22.86	22.75	22.78
5		12	1	22.28	22.20	23.13
5		12	6	22.07	22.14	21.96
5		12	12	22.83	22.89	22.90
5		25	0	23.01	22.65	21.80
5	DFT-s-OFDM 256QAM	1	1	20.92	21.01	19.89
5		1	12	20.49	20.18	21.10
5		1	23	20.37	20.53	19.92
5		12	1	21.67	21.46	20.81
5		12	6	21.62	21.31	20.97
5		12	12	20.86	21.49	20.66
5		25	0	21.44	21.50	21.63

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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 PI/2 BPSK	1	1	23.93	23.53	24.86
20		1	53	24.33	23.61	24.11
20		1	104	23.70	23.36	24.55
20		50	1	23.33	23.29	24.65
20		50	25	24.95	24.84	24.35
20		50	50	24.67	23.87	23.08
20		100	0	23.08	22.21	23.12
20	CP-OFDM QPSK	1	1	23.38	23.38	23.46
20		1	53	23.61	23.60	23.92
20		1	104	24.15	24.28	23.46
20		50	1	24.34	24.60	24.97
20		50	25	24.55	24.40	24.56
20		50	50	23.96	23.26	23.54
20		100	0	24.01	23.16	23.84
20	CP-OFDM 16QAM	1	1	22.81	22.78	22.88
20		1	53	21.82	21.78	21.88
20		1	104	22.72	22.70	22.81
20		50	1	25.36	25.31	25.64
20		50	25	24.02	24.12	23.92
20		50	50	24.84	25.39	25.63
20		100	0	24.83	25.42	25.72
20	CP-OFDM 64QAM	1	1	21.51	21.93	21.48
20		1	53	22.15	21.86	21.57
20		1	104	23.25	23.32	23.22
20		50	1	23.08	23.01	23.20
20		50	25	23.09	23.47	23.42
20		50	50	23.99	24.13	23.28
20		100	0	23.01	22.94	22.14
20	CP-OFDM 256QAM	1	1	21.87	21.40	21.71
20		1	53	21.11	21.89	21.88
20		1	104	21.88	21.36	21.20
20		50	1	19.85	19.03	19.98



20		50	25	19.28	19.33	19.38
20		50	50	19.96	19.88	19.95
20		100	0	19.79	19.77	19.60
Channel				344000	349000	354000
Frequency (MHz)				1717.5	1745	1772.5
15	CP-OFDM PI/2 BPSK	1	1	23.33	22.93	24.26
15		1	37	23.73	23.01	23.51
15		1	77	23.10	22.76	23.95
15		39	1	22.73	22.69	24.05
15		39	19	24.35	24.24	23.75
15		39	38	24.07	23.27	22.48
15		79	0	22.48	21.61	22.52
15	CP-OFDM QPSK	1	1	22.78	22.78	22.86
15		1	37	23.01	23.00	23.32
15		1	77	23.55	23.68	22.86
15		39	1	23.74	24.00	24.37
15		39	191	23.95	23.80	23.96
15		39	38	23.36	22.66	22.94
15		79	0	23.41	22.56	23.24
15	CP-OFDM 16QAM	1	1	22.21	22.18	22.28
15		1	37	21.22	21.18	21.28
15		1	77	22.12	22.10	22.21
15		39	1	24.76	24.71	24.80
15		39	191	23.42	23.52	23.32
15		39	38	24.24	24.79	24.60
15		79	0	24.23	24.82	24.60
15	CP-OFDM 64QAM	1	1	20.91	21.33	20.88
15		1	37	21.55	21.26	20.97
15		1	77	20.65	20.72	20.63
15		39	1	22.48	22.41	22.60
15		39	191	22.49	22.87	22.82
15		39	38	23.39	23.53	22.68
15		79	0	22.41	22.34	21.54
15	CP-OFDM 256QAM	1	1	21.27	20.80	21.11
15		1	37	20.51	21.29	21.28
15		1	77	21.28	20.76	20.60
15		39	1	19.25	18.43	19.38
15		39	191	18.68	18.73	18.78



15		39	38	19.36	19.28	19.35
15		79	0	19.19	19.17	19.00
Channel				343000	349000	355000
Frequency (MHz)				1712.5	1745	1777.5
5	CP-OFDM PI/2 BPSK	1	1	22.93	22.53	23.86
5		1	12	23.33	22.61	23.11
5		1	23	22.70	22.36	23.55
5		12	1	22.33	22.29	23.65
5		12	6	23.95	23.84	23.35
5		12	12	23.67	22.87	22.08
5		25	0	22.08	21.21	22.12
5	CP-OFDM QPSK	1	1	22.38	22.38	22.46
5		1	12	22.61	22.60	22.92
5		1	23	23.15	23.28	22.46
5		12	1	23.34	23.60	23.97
5		12	6	23.55	23.40	23.56
5		12	12	22.96	22.26	22.54
5		25	0	23.01	22.16	22.84
5	CP-OFDM 16QAM	1	1	21.81	21.78	21.88
5		1	12	20.82	20.78	20.88
5		1	23	21.72	21.70	21.81
5		12	1	24.36	24.31	24.64
5		12	6	23.02	23.12	22.92
5		12	12	23.84	24.39	24.63
5		25	0	23.83	24.42	24.72
5	CP-OFDM 64QAM	1	1	20.51	20.93	20.48
5		1	12	21.15	20.86	20.57
5		1	23	22.25	22.32	22.22
5		12	1	22.08	22.01	22.20
5		12	6	22.09	22.47	22.42
5		12	12	22.99	23.13	22.28
5		25	0	22.01	21.94	21.14
5	CP-OFDM 256QAM	1	1	20.87	20.40	20.71
5		1	12	20.11	20.89	20.88
5		1	23	20.88	20.36	20.20
5		12	1	18.85	18.03	18.98
5		12	6	18.28	18.33	18.38
5		12	12	18.96	18.88	18.95



5		25	0	18.79	18.77	18.60
Channel				342500	34900	355500
Frequency (MHz)				1712.5	1745	1777.5
5	CP-OFDM PI/2 BPSK	1	1	22.69	22.29	23.62
5		1	12	23.09	22.37	22.87
5		1	23	22.46	22.12	23.31
5		12	1	22.09	22.05	23.41
5		12	6	23.71	23.60	23.11
5		12	12	23.43	22.63	21.84
5		25	0	21.84	20.97	21.88
5	CP-OFDM QPSK	1	1	22.14	22.14	22.22
5		1	12	22.37	22.36	22.68
5		1	23	22.91	23.04	22.22
5		12	1	23.10	23.36	23.73
5		12	6	23.31	23.16	23.32
5		12	12	22.72	22.02	22.30
5		25	0	22.77	21.92	22.60
5	CP-OFDM 16QAM	1	1	21.57	21.54	21.64
5		1	12	20.58	20.54	20.64
5		1	23	21.48	21.46	21.57
5		12	1	24.12	24.07	24.40
5		12	6	22.78	22.88	22.68
5		12	12	23.60	24.15	24.39
5		25	0	23.59	24.18	24.48
5	CP-OFDM 64QAM	1	1	20.27	20.69	20.24
5		1	12	20.91	20.62	20.33
5		1	23	22.01	22.08	21.98
5		12	1	21.84	21.77	21.96
5		12	6	21.85	22.23	22.18
5		12	12	22.75	22.89	22.04
5		25	0	21.77	21.70	20.90
5	CP-OFDM 256QAM	1	1	20.63	20.16	20.47
5		1	12	19.87	20.65	20.64
5		1	23	20.64	20.12	19.96
5		12	1	18.61	17.79	18.74
5		12	6	18.04	18.09	18.14
5		12	12	18.72	18.64	18.71
5		25	0	18.55	18.53	18.36

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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	19.54	18.91	18.92
20		1	53	19.72	19.88	19.86
20		1	104	19.70	18.96	19.71
20		50	1	19.51	19.92	19.43
20		50	25	19.23	19.11	19.07
20		50	50	19.54	19.96	19.73
20		100	0	19.64	19.99	19.77
20	DFT-s-OFDM QPSK	1	1	20.60	20.79	20.96
20		1	53	19.74	19.76	19.83
20		1	104	18.78	18.79	19.60
20		50	1	19.54	19.83	19.38
20		50	25	19.76	19.74	19.94
20		50	50	19.53	19.78	19.90
20		100	0	19.63	19.91	19.78
20	DFT-s-OFDM 16QAM	1	1	18.83	18.83	18.89
20		1	53	19.76	19.82	19.38
20		1	104	18.72	18.72	18.76
20		50	1	19.65	19.98	19.60
20		50	25	19.76	18.66	19.08
20		50	50	19.53	20.13	19.29
20		100	0	19.85	19.89	19.41
20	DFT-s-OFDM 64QAM	1	1	18.79	18.99	19.43
20		1	53	19.91	20.13	20.44
20		1	104	19.33	18.96	19.68
20		50	1	19.67	19.74	19.34
20		50	25	19.67	18.97	19.74
20		50	50	19.59	20.07	19.53
20		100	0	19.57	20.02	19.24
20	DFT-s-OFDM 256QAM	1	1	18.24	18.32	19.11
20		1	53	19.75	19.86	19.40
20		1	104	18.44	19.19	18.43
20		50	1	19.79	19.87	19.59



20		50	25	19.71	19.02	19.67
20		50	50	20.63	20.67	20.84
20		100	0	19.79	20.19	19.59
Channel				134100	136100	138100
Frequency (MHz)				670.5	680.5	690.5
15	DFT-s-OFDM PI/2 BPSK	1	1	20.38	20.41	20.39
15		1	39	19.72	20.08	19.39
15		1	77	19.66	19.69	19.69
15		36	1	19.72	19.86	19.40
15		36	18	20.10	20.12	20.15
15		36	36	20.96	20.95	20.91
15		75	0	20.78	19.96	19.90
15	DFT-s-OFDM QPSK	1	1	20.38	20.42	20.36
15		1	39	19.78	19.77	19.65
15		1	77	19.60	19.58	19.66
15		36	1	19.68	20.01	19.43
15		36	18	20.16	20.17	20.18
15		36	36	19.70	20.01	19.16
15		75	0	19.69	19.91	19.38
15	DFT-s-OFDM 16QAM	1	1	20.48	20.58	20.55
15		1	39	20.78	20.79	20.82
15		1	77	19.81	19.71	19.84
15		36	1	20.65	20.59	20.71
15		36	18	20.14	20.18	20.17
15		36	36	20.41	20.82	20.68
15		75	0	20.53	20.90	20.54
15	DFT-s-OFDM 64QAM	1	1	20.80	20.34	20.82
15		1	39	20.57	20.90	20.58
15		1	77	20.28	19.78	20.30
15		36	1	19.69	19.85	19.83
15		36	18	20.20	20.25	20.22
15		36	36	19.48	19.89	19.40
15		75	0	19.51	19.93	19.70
15	DFT-s-OFDM 256QAM	1	1	20.12	20.05	20.07
15		1	39	19.61	19.96	19.74
15		1	77	19.44	19.33	19.38
15		36	1	19.71	19.73	19.80
15		36	18	20.08	20.12	20.07



15		36	36	20.71	20.01	20.14
15		75	0	19.51	19.80	19.35
Channel				133600	136100	138600
Frequency (MHz)				668	680.5	693
10	DFT-s-OFDM PI/2 BPSK	1	1	20.35	20.46	20.35
10		1	25	19.50	19.95	19.71
10		1	50	19.87	19.94	20.05
10		25	1	19.60	19.88	19.75
10		25	12	20.27	20.23	20.35
10		25	24	20.62	20.56	20.68
10		50	0	20.38	20.79	20.65
10	DFT-s-OFDM QPSK	1	1	20.34	20.42	20.30
10		1	25	20.50	20.87	20.51
10		1	50	19.98	19.89	20.03
10		25	1	19.66	19.82	19.80
10		25	12	20.30	20.19	20.31
10		25	24	19.45	19.86	19.37
10		50	0	19.48	19.90	19.67
10	DFT-s-OFDM 16QAM	1	1	20.48	20.53	20.52
10		1	25	19.58	19.93	19.71
10		1	50	20.12	20.01	20.06
10		25	1	20.47	20.08	20.57
10		25	12	20.32	20.26	20.30
10		25	24	20.68	20.68	20.11
10		50	0	20.86	20.09	20.58
10	DFT-s-OFDM 64QAM	1	1	20.72	20.50	20.75
10		1	25	20.51	20.84	20.52
10		1	50	20.14	19.85	20.15
10		25	1	20.47	20.84	20.48
10		25	12	20.18	20.17	20.28
10		25	24	20.35	20.76	20.62
10		50	0	19.48	19.77	19.32
10	DFT-s-OFDM 256QAM	1	1	20.01	20.06	20.04
10		1	25	20.59	20.53	20.65
10		1	50	19.53	19.45	19.65
10		25	1	19.68	19.70	19.77
10		25	12	20.24	20.20	20.26
10		25	24	20.06	20.33	19.99



10		50	0	19.57	19.85	19.72
Channel				133100	136100	139100
Frequency (MHz)				665.5	680.5	695.5
5	DFT-s-OFDM PI/2 BPSK	1	1	20.37	20.39	20.36
5		1	12	20.42	20.88	20.76
5		1	23	20.23	20.28	20.27
5		12	1	19.63	19.79	19.77
5		12	6	20.39	20.40	20.35
5		12	12	19.42	19.83	19.34
5		25	0	19.47	19.92	19.68
5	DFT-s-OFDM QPSK	1	1	20.30	20.35	20.31
5		1	12	19.45	19.87	19.64
5		1	23	20.17	20.20	20.19
5		12	1	20.83	20.85	20.84
5		12	6	20.35	20.40	20.29
5		12	12	20.64	20.55	20.54
5		25	0	20.65	20.55	20.08
5	DFT-s-OFDM 16QAM	1	1	20.52	20.45	20.43
5		1	12	19.65	19.67	19.74
5		1	23	20.51	20.36	20.42
5		12	1	19.45	19.74	19.29
5		12	6	20.36	20.36	20.34
5		12	12	19.44	19.89	19.65
5		25	0	19.54	19.82	19.69
5	DFT-s-OFDM 64QAM	1	1	20.75	20.77	20.75
5		1	12	20.70	20.22	20.45
5		1	23	20.22	20.25	20.23
5		12	1	20.61	20.30	20.26
5		12	6	20.51	20.52	20.50
5		12	12	20.80	20.69	20.50
5		25	0	20.79	20.51	20.45
5	DFT-s-OFDM 256QAM	1	1	20.02	20.03	20.03
5		1	12	20.68	20.29	20.51
5		1	23	19.86	19.87	19.87
5		12	1	20.58	20.29	20.32
5		12	6	20.39	20.39	20.36
5		12	12	20.77	20.05	20.60
5		25	0	20.83	20.46	20.56

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BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376500	381000
Frequency (MHz)				673	680.5	688
20	CP-OFDM PI/2 BPSK	1	1	20.46	20.60	20.15
20		1	53	20.95	20.94	20.91
20		1	104	20.11	20.60	20.50
20		53	1	20.56	20.55	20.48
20		53	26	20.54	20.61	20.51
20		53	52	20.58	20.03	20.04
20		106	0	20.29	20.29	20.27
20	CP-OFDM QPSK	1	1	19.67	19.81	19.66
20		1	53	20.52	20.20	20.21
20		1	104	18.66	19.53	19.49
20		53	1	20.43	20.22	20.48
20		53	26	19.64	18.99	18.96
20		53	52	20.40	20.37	20.42
20		106	0	20.38	20.26	20.33
20	CP-OFDM 16QAM	1	1	18.84	19.02	18.80
20		1	53	19.33	19.14	18.99
20		1	104	18.70	18.72	19.58
20		53	1	19.36	19.28	19.07
20		53	26	19.66	19.77	19.01
20		53	52	19.32	19.11	19.12
20		106	0	20.37	20.29	20.44
20	CP-OFDM 64QAM	1	1	19.69	19.56	19.71
20		1	53	18.34	18.08	18.02
20		1	104	19.62	19.37	19.13
20		53	1	18.23	18.07	18.19
20		53	26	19.71	19.75	19.03
20		53	52	18.30	18.26	18.03
20		106	0	18.39	18.09	18.04
20	CP-OFDM 256QAM	1	1	18.33	18.41	19.11
20		1	53	18.76	18.99	18.23
20		1	104	18.40	18.26	19.21
20		53	1	18.65	18.42	18.73



20		53	26	19.03	19.76	19.67
20		53	52	20.53	20.44	20.38
20		106	0	20.43	20.54	20.32
Channel				371500	376500	381500
Frequency (MHz)				670.5	680.5	690.5
15	CP-OFDM PI/2 BPSK	1	1	20.25	20.48	20.41
15		1	37	20.18	20.46	20.39
15		1	77	20.36	20.39	20.59
15		39	1	20.20	20.32	20.35
15		39	19	20.28	20.31	20.41
15		39	38	20.30	20.48	20.38
15		79	0	20.36	20.23	20.42
15	CP-OFDM QPSK	1	1	20.40	20.55	20.52
15		1	37	20.58	20.48	20.48
15		1	77	19.76	19.59	19.57
15		39	1	20.49	20.43	20.46
15		39	191	20.27	20.35	20.30
15		39	38	20.34	20.36	20.44
15		79	0	20.60	20.88	20.66
15	CP-OFDM 16QAM	1	1	20.55	20.52	20.55
15		1	37	20.15	20.51	20.38
15		1	77	19.70	19.63	19.73
15		39	1	20.40	20.24	20.38
15		39	191	20.32	20.35	20.33
15		39	38	20.29	20.39	20.42
15		79	0	20.28	20.47	20.42
15	CP-OFDM 64QAM	1	1	20.38	20.34	20.39
15		1	37	20.13	20.10	19.92
15		1	77	19.63	19.52	19.61
15		39	1	20.29	20.26	20.19
15		39	191	20.28	20.27	20.30
15		39	38	19.89	20.05	20.00
15		79	0	19.84	20.01	19.90
15	CP-OFDM 256QAM	1	1	20.10	20.16	20.10
15		1	37	20.15	20.15	19.05
15		1	77	19.41	19.34	19.36
15		39	1	19.80	20.88	20.09
15		39	191	20.23	20.25	20.23



15		39	38	19.93	19.86	19.87
15		79	0	19.93	20.00	20.02
Channel				371000	376500	382000
Frequency (MHz)				668	680.5	693
10	CP-OFDM PI/2 BPSK	1	1	20.91	20.54	20.95
10		1	25	20.03	20.57	20.06
10		1	50	19.26	20.08	20.17
10		26	1	20.29	20.58	20.22
10		26	13	20.69	20.27	19.71
10		26	26	20.35	20.34	20.38
10		52	0	19.95	19.98	20.02
10	CP-OFDM QPSK	1	1	20.36	20.50	20.38
10		1	25	20.08	20.07	20.02
10		1	50	20.18	20.05	20.03
10		26	1	19.65	19.49	19.66
10		26	13	20.18	20.16	20.21
10		26	26	19.64	19.64	19.65
10		52	0	20.23	20.87	20.80
10	CP-OFDM 16QAM	1	1	20.54	20.44	20.47
10		1	25	19.80	19.56	19.75
10		1	50	20.11	19.97	20.04
10		26	1	20.76	20.33	20.33
10		26	13	20.29	20.13	20.22
10		26	26	20.63	20.50	20.74
10		52	0	19.72	19.47	19.59
10	CP-OFDM 64QAM	1	1	20.26	20.27	18.44
10		1	25	20.77	20.56	20.74
10		1	50	19.87	19.81	19.97
10		26	1	19.71	19.66	19.75
10		26	13	20.22	20.14	20.24
10		26	26	19.74	19.60	19.62
10		52	0	19.63	19.56	19.68
10	CP-OFDM 256QAM	1	1	20.08	20.14	20.09
10		1	25	19.90	19.61	19.59
10		1	50	19.63	19.59	19.55
10		26	1	19.70	19.53	19.69
10		26	13	20.19	20.14	20.26
10		26	26	19.85	19.60	19.78



10		52	0	19.69	19.68	19.68
Channel				370500	376500	382500
Frequency (MHz)				665.5	680.5	695.5
5	CP-OFDM PI/2 BPSK	1	1	20.86	20.45	20.74
5		1	12	20.89	20.50	20.59
5		1	23	20.60	20.54	20.80
5		12	1	20.72	20.54	20.69
5		12	6	20.77	20.92	20.87
5		12	12	20.57	20.68	20.86
5		25	0	20.72	20.78	20.87
5	CP-OFDM QPSK	1	1	20.59	20.41	20.59
5		1	12	19.77	19.51	19.62
5		1	23	20.28	20.30	20.43
5		12	1	20.68	20.54	20.77
5		13	6	20.25	20.37	20.37
5		12	12	20.81	20.37	20.36
5		25	0	19.76	19.70	19.78
5	CP-OFDM 16QAM	1	1	20.47	20.49	20.49
5		1	12	20.82	20.60	20.77
5		1	23	20.36	20.37	20.37
5		12	1	19.95	19.65	19.62
5		13	6	20.30	20.31	20.33
5		12	12	19.79	19.64	19.65
5		25	0	19.68	19.60	19.71
5	CP-OFDM 64QAM	1	1	20.30	20.31	20.29
5		1	12	20.62	20.72	20.59
5		1	23	20.12	20.13	20.21
5		12	1	20.24	20.25	20.41
5		13	6	20.37	20.38	20.37
5		12	12	20.63	20.32	20.28
5		25	0	20.05	20.24	20.47
5	CP-OFDM 256QAM	1	1	20.09	20.11	20.01
5		1	12	20.61	20.79	20.77
5		1	23	19.94	19.98	19.95
5		12	1	20.74	20.49	20.62
5		13	6	20.43	20.42	20.40
5		12	12	20.65	20.58	20.83
5		25	0	20.77	20.58	20.72



EN-DC_66A-N2

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				388000	392000	396000
Frequency (MHz)				1860	1880	1900
20	DFT-s-OFDM PI/2 BPSK	1	1	23.27	23.30	23.23
20		1	53	23.14	23.52	23.01
20		1	104	23.25	22.59	23.26
20		50	1	23.47	23.45	23.00
20		50	25	23.16	23.13	23.10
20		50	50	23.41	23.48	23.11
20		100	0	23.58	23.48	23.46
20	DFT-s-OFDM QPSK	1	1	23.20	23.19	23.45
20		1	53	23.01	23.47	23.45
20		1	104	23.25	22.73	23.11
20		50	1	23.41	23.85	23.44
20		50	25	23.09	23.10	23.14
20		50	50	23.69	23.47	23.55
20		100	0	23.77	23.40	23.94
20	DFT-s-OFDM 16QAM	1	1	23.20	23.01	23.25
20		1	53	22.96	22.45	22.14
20		1	104	22.52	22.22	22.67
20		50	1	22.47	22.36	22.48
20		50	25	22.49	22.53	22.57
20		50	50	22.36	22.48	22.11
20		100	0	23.25	22.96	23.10
20	DFT-s-OFDM 64QAM	1	1	23.06	21.79	23.17
20		1	53	22.85	22.47	22.66
20		1	104	21.91	21.48	22.04
20		50	1	21.96	21.58	21.36
20		50	25	21.15	21.18	21.10
20		50	50	21.25	21.33	21.47
20		100	0	20.85	20.47	20.69
20	DFT-s-OFDM 256QAM	1	1	19.23	19.24	19.41
20		1	53	19.31	19.54	19.42
20		1	104	19.21	19.14	19.03
20		50	1	19.58	19.43	19.36



20		50	25	19.54	19.64	19.53
20		50	50	19.47	18.69	18.96
20		100	0	18.46	18.96	19.32
Channel				387500	392000	396500
Frequency (MHz)				1857.5	1880	1902.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.77	22.80	22.73
15		1	39	22.64	23.02	22.51
15		1	77	22.75	22.09	22.76
15		36	1	22.97	22.95	22.50
15		36	18	22.66	22.63	22.60
15		36	36	22.91	22.98	22.61
15		75	0	23.08	22.98	22.96
15	DFT-s-OFDM QPSK	1	1	22.70	22.69	22.95
15		1	39	22.51	22.97	22.95
15		1	77	22.75	22.23	22.61
15		36	1	22.91	23.35	22.94
15		36	18	22.59	22.60	22.64
15		36	36	23.19	22.97	23.05
15		75	0	23.27	22.90	23.44
15	DFT-s-OFDM 16QAM	1	1	22.70	22.51	22.75
15		1	39	22.46	21.95	21.64
15		1	77	22.02	21.72	22.17
15		36	1	21.97	21.86	21.98
15		36	18	21.99	22.03	22.07
15		36	36	21.86	21.98	21.61
15		75	0	22.75	22.46	22.60
15	DFT-s-OFDM 64QAM	1	1	22.56	21.29	22.67
15		1	39	22.35	21.97	22.16
15		1	77	21.41	20.98	21.54
15		36	1	21.46	21.08	20.86
15		36	18	20.65	20.68	20.60
15		36	36	20.75	20.83	20.97
15		75	0	20.35	19.97	20.19
15	DFT-s-OFDM 256QAM	1	1	18.73	18.74	18.91
15		1	39	18.81	19.04	18.92
15		1	77	18.71	18.64	18.53
15		36	1	19.08	18.93	18.86
15		36	18	19.04	19.14	19.03



15		36	36	18.97	18.19	18.46
15		75	0	17.96	18.46	18.82
Channel				387000	392000	397000
Frequency (MHz)				1855	1880	1905
10	DFT-s-OFDM PI/2 BPSK	1	1	22.47	22.50	22.43
10		1	25	22.34	22.72	22.21
10		1	50	22.45	21.79	22.46
10		25	1	22.67	22.65	22.20
10		25	12	22.36	22.33	22.30
10		25	24	22.61	22.68	22.31
10		50	0	22.78	22.68	22.66
10	DFT-s-OFDM QPSK	1	1	22.40	22.39	22.65
10		1	25	22.21	22.67	22.65
10		1	50	22.45	21.93	22.31
10		25	1	22.61	22.70	22.64
10		25	12	22.29	22.30	22.34
10		25	24	22.89	22.67	22.75
10		50	0	22.97	22.60	22.65
10	DFT-s-OFDM 16QAM	1	1	22.40	22.21	22.45
10		1	25	22.16	21.65	21.34
10		1	50	21.72	21.42	21.87
10		25	1	21.67	21.56	21.68
10		25	12	21.69	21.73	21.77
10		25	24	21.56	21.68	21.31
10		50	0	22.45	22.16	22.30
10	DFT-s-OFDM 64QAM	1	1	22.26	20.99	22.37
10		1	25	22.05	21.67	21.86
10		1	50	21.11	20.68	21.24
10		25	1	21.16	20.78	20.56
10		25	12	20.35	20.38	20.30
10		25	24	20.45	20.53	20.67
10		50	0	20.05	19.67	19.89
10	DFT-s-OFDM 256QAM	1	1	18.43	18.44	18.61
10		1	25	18.51	18.74	18.62
10		1	50	18.41	18.34	18.23
10		25	1	18.78	18.63	18.56
10		25	12	18.74	18.84	18.73
10		25	24	18.67	17.89	18.16



10		50	0	17.66	18.16	18.52
Channel				386500	392000	397500
Frequency (MHz)				1852.5	1880	1907.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.27	22.30	22.23
5		1	12	22.14	22.52	22.01
5		1	23	22.25	21.59	22.26
5		12	1	22.47	22.45	22.00
5		12	6	22.16	22.13	22.10
5		12	12	22.41	22.48	22.11
5		25	0	22.58	22.48	22.46
5	DFT-s-OFDM QPSK	1	1	22.20	22.19	22.45
5		1	12	22.01	22.47	22.45
5		1	23	22.25	21.73	22.11
5		12	1	22.41	22.85	22.44
5		12	6	22.09	22.10	22.14
5		12	12	22.69	22.47	22.55
5		25	0	22.77	22.40	22.94
5	DFT-s-OFDM 16QAM	1	1	22.20	22.01	22.25
5		1	12	21.96	21.45	21.14
5		1	23	21.52	21.22	21.67
5		12	1	21.47	21.36	21.48
5		12	6	21.49	21.53	21.57
5		12	12	21.36	21.48	21.11
5		25	0	22.25	21.96	22.10
5	DFT-s-OFDM 64QAM	1	1	22.06	20.79	21.17
5		1	12	21.85	21.47	21.66
5		1	23	20.91	20.48	21.04
5		12	1	20.96	20.58	20.36
5		12	6	20.15	20.18	20.10
5		12	12	20.25	20.33	20.47
5		25	0	19.85	19.47	19.69
5	DFT-s-OFDM 256QAM	1	1	18.23	18.24	18.41
5		1	12	18.31	18.54	18.42
5		1	23	18.21	18.14	18.03
5		12	1	18.58	18.43	18.36
5		12	6	18.54	18.64	18.53
5		12	12	18.47	17.69	17.96
5		25	0	17.46	17.96	18.32



EN-DC_66A-N2

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				388000	392000	396000
Frequency (MHz)				1860	1880	1900
20	CP-OFDM PI/2 BPSK	1	1	22.91	22.84	22.91
20		1	53	22.50	22.54	22.77
20		1	104	22.64	22.83	22.82
20		53	1	22.01	22.85	22.34
20		53	26	21.69	22.00	22.92
20		53	52	22.30	22.63	22.77
20		106	0	21.87	22.21	22.92
20	CP-OFDM QPSK	1	1	22.75	22.47	22.88
20		1	53	22.60	22.40	22.33
20		1	104	21.95	21.75	22.08
20		53	1	23.59	23.24	23.87
20		53	26	23.66	23.86	23.67
20		53	52	23.82	23.76	23.10
20		106	0	22.19	21.97	22.13
20	CP-OFDM 16QAM	1	1	22.17	21.83	22.35
20		1	53	22.33	22.39	22.79
20		1	104	21.31	21.06	21.49
20		53	1	21.24	20.56	20.45
20		53	26	21.47	21.50	21.51
20		53	52	21.91	21.98	21.88
20		106	0	23.99	22.36	23.91
20	CP-OFDM 64QAM	1	1	20.94	20.89	20.89
20		1	53	20.38	20.44	20.78
20		1	104	20.30	20.21	20.64
20		53	1	21.45	21.84	21.15
20		53	26	20.12	20.20	20.16
20		53	52	21.07	21.57	21.04
20		106	0	19.66	18.97	18.98
20	CP-OFDM 256QAM	1	1	19.44	18.55	18.43
20		1	53	19.77	18.38	19.36
20		1	104	18.40	19.31	19.31
20		53	1	18.76	18.86	18.27



20		53	26	17.61	17.62	17.58
20		53	52	17.72	17.40	17.48
20		106	0	18.51	18.81	18.61
Channel				387500	392000	396500
Frequency (MHz)				1857.5	1880	1902.5
15	CP-OFDM PI/2 BPSK	1	1	22.56	22.49	22.56
15		1	37	22.15	22.19	22.42
15		1	77	22.29	22.48	22.47
15		39	1	21.66	22.50	21.99
15		39	19	21.34	21.65	22.57
15		39	38	21.95	22.28	22.42
15		79	0	21.52	21.86	22.57
15	CP-OFDM QPSK	1	1	22.40	22.12	22.53
15		1	37	22.25	22.05	21.98
15		1	77	21.60	21.40	21.73
15		39	1	23.24	22.89	23.52
15		39	19	23.31	23.51	23.32
15		39	38	23.47	23.41	22.75
15		79	0	21.84	21.62	21.78
15	CP-OFDM 16QAM	1	1	21.82	21.48	22.00
15		1	37	21.98	22.04	22.44
15		1	77	20.96	20.71	21.14
15		39	1	20.89	20.21	20.10
15		39	19	21.12	21.15	21.16
15		39	38	21.56	21.63	21.53
15		79	0	22.10	22.01	22.05
15	CP-OFDM 64QAM	1	1	20.59	20.54	20.54
15		1	37	20.03	20.09	20.43
15		1	77	19.95	19.86	20.29
15		39	1	21.10	21.49	20.80
15		39	19	19.77	19.85	19.81
15		39	38	20.72	21.22	20.69
15		79	0	19.31	18.62	18.63
15	CP-OFDM 256QAM	1	1	19.09	18.20	18.08
15		1	37	19.42	18.03	19.01
15		1	77	18.05	18.96	18.96
15		39	1	18.41	18.51	17.92
15		39	19	17.26	17.27	17.23



15		39	38	17.37	17.05	17.13
15		79	0	18.16	18.46	18.26
Channel				387000	392000	397000
Frequency (MHz)				1855	1880	1905
10	CP-OFDM PI/2 BPSK	1	1	22.99	22.24	22.31
10		1	25	23.06	21.94	22.17
10		1	50	23.22	22.23	22.22
10		26	1	21.59	22.25	21.74
10		26	13	21.57	21.40	22.32
10		26	26	21.73	22.03	22.17
10		52	0	20.71	21.61	22.32
10	CP-OFDM QPSK	1	1	20.64	21.87	22.28
10		1	25	20.87	21.80	21.73
10		1	50	21.31	21.15	21.48
10		26	1	23.29	22.94	22.87
10		26	13	23.36	23.05	23.37
10		26	26	23.10	23.46	22.80
10		52	0	19.70	21.37	21.53
10	CP-OFDM 16QAM	1	1	21.57	21.23	21.75
10		1	25	21.73	21.79	22.19
10		1	50	20.71	20.46	20.89
10		26	1	20.64	19.96	19.85
10		26	13	20.87	20.90	20.91
10		26	26	21.31	21.38	21.28
10		52	0	23.39	21.76	23.31
10	CP-OFDM 64QAM	1	1	20.34	20.29	20.29
10		1	25	19.78	19.84	20.18
10		1	50	19.70	19.61	20.04
10		26	1	20.85	21.24	20.55
10		26	13	19.52	19.60	19.56
10		26	26	20.47	20.97	20.44
10		52	0	19.06	18.37	18.38
10	CP-OFDM 256QAM	1	1	18.84	17.95	17.83
10		1	25	19.17	17.78	18.76
10		1	50	17.80	18.71	18.71
10		26	1	18.16	18.26	17.67
10		26	13	17.01	17.02	16.98
10		26	26	17.12	16.80	16.88



10		52	0	17.91	18.21	18.01
Channel				386500	392000	397500
Frequency (MHz)				1852.5	1880	1907.5
5	CP-OFDM PI/2 BPSK	1	1	21.91	21.84	21.91
5		1	12	21.50	21.54	21.77
5		1	23	21.64	21.83	21.82
5		13	1	21.01	21.85	21.34
5		13	6	20.69	21.00	21.92
5		13	12	21.30	21.63	21.77
5		25	0	20.87	21.21	21.92
5	CP-OFDM QPSK	1	1	21.75	21.47	21.88
5		1	12	21.60	21.40	21.33
5		1	23	20.95	20.75	21.08
5		13	1	22.59	22.24	22.87
5		13	6	22.66	22.86	22.67
5		13	12	22.82	22.76	22.10
5		25	0	21.19	20.97	21.13
5	CP-OFDM 16QAM	1	1	21.17	20.83	21.35
5		1	12	21.33	21.39	21.79
5		1	23	20.31	20.06	20.49
5		13	1	20.24	19.56	19.45
5		13	6	20.47	20.50	20.51
5		13	12	20.91	20.98	20.88
5		25	0	22.99	21.36	22.91
5	CP-OFDM 64QAM	1	1	19.94	19.89	19.89
5		1	12	19.38	19.44	19.78
5		1	23	19.30	19.21	19.64
5		13	1	20.45	20.84	20.15
5		13	6	19.12	19.20	19.16
5		13	12	20.07	20.57	20.04
5		25	0	18.66	17.97	17.98
5	CP-OFDM 256QAM	1	1	18.44	17.55	17.43
5		1	12	18.77	17.38	18.36
5		1	23	17.40	18.31	18.31
5		13	1	17.76	17.86	17.27
5		13	6	16.61	16.62	16.58
5		13	12	16.72	16.40	16.48
5		25	0	17.51	17.81	17.61



EN-DC_66A-N5

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	DFT-s-OFDM PI/2 BPSK	1	1	18.82	18.75	18.93
20		1	53	18.56	19.04	18.69
20		1	104	18.97	18.99	19.06
20		50	1	19.05	18.64	19.31
20		50	25	19.08	19.12	18.91
20		50	50	18.56	18.79	19.05
20		100	0	18.36	19.31	19.21
20	DFT-s-OFDM QPSK	1	1	18.80	18.88	18.77
20		1	53	19.01	18.65	19.25
20		1	104	18.92	19.08	18.96
20		50	1	19.34	19.04	18.97
20		50	25	19.15	19.01	19.15
20		50	50	19.15	19.46	19.04
20		100	0	1.96	18.64	19.05
20	DFT-s-OFDM 16QAM	1	1	18.98	18.82	18.97
20		1	53	19.89	19.24	19.34
20		1	104	19.03	19.07	19.12
20		50	1	19.24	19.35	19.87
20		50	25	19.07	19.05	19.20
20		50	50	19.56	18.99	19.05
20		100	0	19.02	19.35	19.78
20	DFT-s-OFDM 64QAM	1	1	18.91	18.77	18.99
20		1	53	19.67	19.13	19.05
20		1	104	18.90	18.91	19.05
20		50	1	19.06	19.34	19.57
20		50	25	19.13	19.12	19.32
20		50	50	20.01	19.58	19.88
20		100	0	19.80	19.50	19.73
20	DFT-s-OFDM 256QAM	1	1	18.00	18.03	18.19
20		1	53	18.65	19.05	19.40
20		1	104	18.27	18.26	18.43
20		50	1	18.36	19.20	18.88



20		50	25	19.05	19.06	19.22
20		50	50	19.50	19.30	18.99
20		100	0	19.05	19.20	19.36
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	18.95	19.17	18.92
15		1	39	19.03	19.50	19.35
15		1	77	19.11	19.09	19.12
15		36	1	19.35	19.26	19.27
15		36	18	19.17	19.20	19.19
15		36	36	19.25	19.17	19.01
15		75	0	19.02	19.10	19.31
15	DFT-s-OFDM QPSK	1	1	19.10	18.93	18.90
15		1	39	20.01	19.56	19.87
15		1	77	19.14	19.10	19.12
15		36	1	19.50	19.85	19.34
15		36	18	19.20	19.12	19.21
15		36	36	19.35	19.46	19.20
15		75	0	19.57	19.46	19.31
15	DFT-s-OFDM 16QAM	1	1	18.90	19.08	18.92
15		1	39	19.87	19.21	19.45
15		1	77	19.27	19.20	19.03
15		36	1	19.02	19.63	18.99
15		36	18	19.16	19.20	19.26
15		36	36	19.54	19.36	19.12
15		75	0	19.24	19.28	19.34
15	DFT-s-OFDM 64QAM	1	1	19.17	18.82	19.13
15		1	39	19.20	19.45	19.64
15		1	77	19.21	19.00	19.27
15		36	1	18.96	18.36	19.05
15		36	18	19.19	19.16	19.21
15		36	36	19.02	19.06	19.12
15		75	0	18.78	18.96	19.03
15	DFT-s-OFDM 256QAM	1	1	18.41	18.22	18.23
15		1	39	19.05	18.93	19.06
15		1	77	18.66	18.49	18.60
15		36	1	19.25	19.10	18.99
15		36	18	19.14	19.12	19.13



15		36	36	18.97	19.30	19.25
15		75	0	19.24	19.36	19.14
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	18.91	18.87	18.87
10		1	25	18.54	18.64	19.02
10		1	50	19.00	18.94	19.01
10		25	1	19.02	19.15	19.21
10		25	12	19.13	19.13	19.05
10		25	24	19.02	18.65	19.36
10		50	0	18.35	19.02	19.24
10	DFT-s-OFDM QPSK	1	1	18.90	18.89	18.87
10		1	25	19.35	18.56	19.40
10		1	50	19.07	18.97	19.02
10		25	1	19.24	19.03	18.48
10		25	12	19.03	19.02	19.10
10		25	24	19.04	19.63	19.25
10		50	0	19.05	19.57	19.36
10	DFT-s-OFDM 16QAM	1	1	19.01	18.85	18.97
10		1	25	19.25	19.36	19.14
10		1	50	19.02	18.95	19.02
10		25	1	18.59	19.25	18.97
10		25	12	19.10	18.86	19.15
10		25	24	19.99	19.96	19.98
10		50	0	20.03	19.85	19.63
10	DFT-s-OFDM 64QAM	1	1	18.77	19.00	18.79
10		1	25	18.99	19.25	19.36
10		1	50	19.32	19.32	19.34
10		25	1	19.12	19.45	19.87
10		25	12	18.99	18.97	19.05
10		25	24	19.85	19.36	19.24
10		50	0	19.25	19.37	19.89
10	DFT-s-OFDM 256QAM	1	1	18.52	18.39	18.53
10		1	25	19.02	19.13	19.24
10		1	50	18.44	18.46	18.58
10		25	1	19.03	19.34	19.46
10		25	12	19.00	18.95	18.95
10		25	24	19.11	19.18	19.35



10		50	0	18.96	18.67	19.01
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	18.83	18.97	18.94
5		1	12	19.02	19.12	18.96
5		1	23	18.99	19.00	18.98
5		12	1	19.12	19.03	19.14
5		12	6	18.94	18.99	19.05
5		12	12	18.65	18.99	19.02
5		25	0	19.00	18.56	18.46
5	DFT-s-OFDM QPSK	1	1	18.85	18.88	18.88
5		1	12	18.95	19.00	18.54
5		1	23	19.04	18.99	18.98
5		12	1	19.04	19.10	18.98
5		12	6	18.92	18.96	19.04
5		12	12	18.63	18.35	18.78
5		25	0	18.99	18.52	18.76
5	DFT-s-OFDM 16QAM	1	1	18.97	19.01	18.98
5		1	12	19.11	19.20	19.10
5		1	23	19.15	19.09	19.09
5		12	1	18.99	18.76	18.85
5		12	6	19.05	19.20	18.96
5		12	12	19.05	19.02	18.98
5		25	0	19.12	18.85	18.96
5	DFT-s-OFDM 64QAM	1	1	19.03	19.04	18.80
5		1	12	18.35	18.75	18.15
5		1	23	18.93	18.90	18.88
5		12	1	18.45	18.35	18.71
5		12	6	19.24	19.27	19.23
5		12	12	19.21	18.99	18.45
5		25	0	19.02	19.12	19.00
5	DFT-s-OFDM 256QAM	1	1	18.13	18.00	18.11
5		1	12	18.96	19.13	18.98
5		1	23	18.45	18.64	18.51
5		12	1	18.35	18.46	18.22
5		12	6	18.71	18.76	18.75
5		12	12	19.02	18.99	18.76
5		25	0	18.62	18.45	19.10



EN-DC_66A-N5

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	CP-OFDM PI/2 BPSK	1	1	19.05	19.12	18.99
20		1	53	19.36	20.01	19.32
20		1	104	20.10	20.03	19.98
20		53	1	19.36	19.98	19.58
20		53	26	19.87	19.42	19.61
20		53	52	19.58	19.67	19.42
20		106	0	20.03	19.92	19.25
20	CP-OFDM QPSK	1	1	18.84	18.90	18.94
20		1	53	19.02	19.12	19.03
20		1	104	19.01	19.01	19.06
20		53	1	19.16	19.25	19.13
20		53	26	19.19	19.11	19.19
20		53	52	18.25	18.36	19.01
20		106	0	18.56	18.12	18.45
20	CP-OFDM 16QAM	1	1	18.88	18.90	19.15
20		1	53	18.44	18.23	18.69
20		1	104	19.02	19.05	19.11
20		53	1	18.65	18.42	18.26
20		53	26	19.18	18.87	19.19
20		53	52	19.12	18.96	19.03
20		106	0	19.11	19.04	19.20
20	CP-OFDM 64QAM	1	1	18.72	18.98	18.95
20		1	53	18.88	18.69	19.01
20		1	104	18.93	19.05	19.05
20		53	1	19.04	19.11	19.20
20		53	26	19.03	19.28	19.25
20		53	52	18.95	18.89	19.06
20		106	0	19.00	19.15	19.08
20	CP-OFDM 256QAM	1	1	18.06	18.21	18.07
20		1	53	19.12	18.96	19.02
20		1	104	18.27	18.38	18.28
20		53	1	18.69	19.01	18.98



20		53	26	19.06	19.17	19.19
20		53	52	19.10	19.25	19.30
20		106	0	19.20	19.14	19.05
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	CP-OFDM PI/2 BPSK	1	1	20.01	20.11	19.99
15		1	37	19.58	19.36	19.19
15		1	77	18.36	19.02	18.34
15		39	1	19.25	19.85	18.99
15		39	19	18.97	19.55	19.35
15		39	38	19.64	19.58	19.41
15		79	0	19.02	19.60	19.57
15	CP-OFDM QPSK	1	1	19.19	19.03	18.95
15		1	37	19.35	19.09	19.24
15		1	77	19.09	19.09	19.10
15		39	1	19.10	19.05	19.12
15		39	191	19.13	19.21	19.08
15		39	38	19.30	19.14	19.25
15		79	0	19.34	19.16	19.12
15	CP-OFDM 16QAM	1	1	19.12	18.96	19.01
15		1	37	19.55	19.10	19.70
15		1	77	19.10	19.07	19.10
15		39	1	19.21	19.58	19.74
15		39	191	19.27	19.20	19.26
15		39	38	19.47	19.53	19.61
15		79	0	19.75	19.81	19.64
15	CP-OFDM 64QAM	1	1	18.99	18.99	18.94
15		1	37	19.25	19.34	19.87
15		1	77	19.30	19.09	19.16
15		39	1	18.96	19.20	19.87
15		39	191	19.17	19.03	19.10
15		39	38	19.25	19.34	18.99
15		79	0	18.94	19.30	19.78
15	CP-OFDM 256QAM	1	1	18.36	18.41	18.30
15		1	37	19.02	18.64	19.50
15		1	77	18.63	18.51	18.58
15		39	1	19.42	19.31	19.57
15		39	191	18.98	19.02	18.93



15		39	38	18.96	18.02	19.34
15		79	0	19.52	19.03	19.75
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	CP-OFDM PI/2 BPSK	1	1	19.25	19.37	19.84
10		1	25	19.58	18.99	19.02
10		1	50	19.30	19.45	19.18
10		26	1	19.34	19.28	19.67
10		26	13	18.97	18.94	19.03
10		26	26	19.34	18.99	18.91
10		52	0	19.45	19.61	18.66
10	CP-OFDM QPSK	1	1	18.87	18.82	18.93
10		1	25	18.97	18.96	19.02
10		1	50	18.93	19.10	18.96
10		26	1	19.03	19.55	19.40
10		26	13	19.00	18.96	19.04
10		26	26	19.88	19.36	19.41
10		52	0	18.88	19.31	19.05
10	CP-OFDM 16QAM	1	1	18.91	18.91	18.93
10		1	25	19.02	19.31	19.45
10		1	50	18.97	19.01	19.11
10		26	1	18.60	19.02	19.52
10		26	13	18.97	19.02	19.03
10		26	26	19.63	18.95	18.74
10		52	0	19.00	20.01	20.11
10	CP-OFDM 64QAM	1	1	19.03	19.27	18.99
10		1	25	20.02	19.96	19.25
10		1	50	18.92	19.27	18.97
10		26	1	19.34	19.69	19.57
10		26	13	19.03	18.95	18.98
10		26	26	18.96	19.03	19.57
10		52	0	19.25	19.64	19.27
10	CP-OFDM 256QAM	1	1	18.44	18.48	18.60
10		1	25	20.01	19.67	19.38
10		1	50	18.66	18.57	18.62
10		26	1	19.98	20.03	19.87
10		26	13	19.05	19.01	19.03
10		26	26	19.01	18.55	18.36



10		52	0	19.96	18.34	19.21
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	CP-OFDM PI/2 BPSK	1	1	18.36	19.58	19.22
5		1	12	19.02	19.12	19.03
5		1	23	19.25	19.35	19.41
5		13	1	19.01	19.24	19.84
5		13	6	18.46	19.12	19.42
5		13	12	19.12	19.24	19.58
5		25	0	19.30	19.52	19.61
5	CP-OFDM QPSK	1	1	18.92	19.07	18.94
5		1	12	19.74	19.58	19.20
5		1	23	18.99	19.06	18.92
5		13	1	19.25	19.34	19.02
5		13	6	19.00	18.87	18.97
5		13	12	19.05	19.32	18.99
5		25	0	19.36	18.55	19.03
5	CP-OFDM 16QAM	1	1	19.02	18.99	19.02
5		1	12	19.36	19.42	19.85
5		1	23	19.16	18.94	19.04
5		13	1	19.25	19.02	19.34
5		13	6	18.99	18.91	19.01
5		13	12	18.59	18.67	19.31
5		25	0	18.96	18.55	19.04
5	CP-OFDM 64QAM	1	1	19.08	18.86	19.06
5		1	12	19.20	19.52	19.14
5		1	23	19.02	19.09	19.13
5		13	1	18.52	19.22	19.99
5		13	6	19.05	19.00	18.99
5		13	12	20.01	19.96	19.45
5		25	0	19.36	19.78	19.41
5	CP-OFDM 256QAM	1	1	18.16	18.06	18.07
5		1	12	18.32	18.96	18.67
5		1	23	18.56	18.54	18.49
5		13	1	19.25	19.31	18.65
5		13	6	18.84	18.75	18.83
5		13	12	18.65	19.57	19.24
5		25	0	18.99	19.02	19.51

EN-DC_26A-N41

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				509202	518598	528000
Frequency (MHz)				2546.01	2592.99	2640
100	DFT-s-OFDM PI/2 BPSK	1	1	24.90	24.67	25.00
100		1	136	25.12	24.15	23.99
100		1	271	25.22	24.69	25.03
100		135	1	24.15	24.89	24.78
100		135	67	25.27	24.96	24.98
100		135	136	24.78	25.13	24.96
100		270	0	24.13	25.14	25.10
100	DFT-s-OFDM QPSK	1	1	24.83	24.62	24.96
100		1	136	25.10	25.14	24.10
100		1	271	25.32	24.68	25.11
100		135	1	25.78	25.41	25.08
100		135	67	25.23	25.05	25.06
100		135	136	24.17	25.75	25.42
100		270	0	24.53	25.12	24.16
100	DFT-s-OFDM 16QAM	1	1	24.66	24.42	24.98
100		1	136	24.69	24.12	24.50
100		1	271	25.16	24.55	24.98
100		135	1	25.10	25.63	25.11
100		135	67	25.20	25.04	25.11
100		135	136	25.47	25.46	24.99
100		270	0	25.46	25.13	25.06
100	DFT-s-OFDM 64QAM	1	1	25.00	23.70	25.06
100		1	136	25.33	24.96	24.89
100		1	271	25.42	24.24	24.55
100		135	1	24.89	24.88	25.41
100		135	67	24.85	24.82	24.49
100		135	136	24.12	25.10	23.84
100		270	0	23.23	23.46	24.36
100	DFT-s-OFDM 256QAM	1	1	23.73	23.31	23.71
100		1	136	22.34	22.76	22.75
100		1	271	22.12	22.92	23.16
100		135	1	22.46	22.58	23.91



100		135	67	23.53	23.84	23.09
100		135	136	22.45	22.49	23.54
100		270	0	22.46	22.23	23.00
Channel				507204	518598	529998
Frequency (MHz)				2536.02	2592.99	2649.99
80	DFT-s-OFDM PI/2 BPSK	1	1	24.75	25.02	24.94
80		1	108	25.12	25.01	24.58
80		1	215	25.27	25.10	24.95
80		108	1	25.12	24.54	25.13
80		108	54	25.23	25.27	24.93
80		108	108	25.15	25.44	24.87
80		216	0	25.41	25.46	24.15
80	DFT-s-OFDM QPSK	1	1	24.80	25.05	24.98
80		1	108	24.96	25.01	23.45
80		1	215	25.30	25.15	24.95
80		108	1	25.14	24.58	24.05
80		108	54	25.12	25.24	24.67
80		108	108	24.16	25.49	25.16
80		216	0	24.36	24.96	24.36
80	DFT-s-OFDM 16QAM	1	1	24.63	25.06	24.88
80		1	108	24.96	25.36	25.00
80		1	215	25.25	25.03	24.88
80		108	1	25.13	25.43	24.12
80		108	54	25.17	25.22	24.71
80		108	108	25.02	25.46	25.41
80		216	0	24.96	25.01	25.00
80	DFT-s-OFDM 64QAM	1	1	24.83	24.94	25.15
80		1	108	25.41	25.36	24.31
80		1	215	25.46	25.11	24.79
80		108	1	22.96	22.46	22.21
80		108	54	22.46	22.21	22.45
80		108	108	22.23	22.41	22.98
80		216	0	22.28	22.33	22.45
80	DFT-s-OFDM 256QAM	1	1	23.55	23.51	23.72
80		1	108	22.32	22.49	23.01
80		1	215	24.02	23.47	23.21
80		108	1	22.31	22.45	23.41
80		108	54	23.04	23.22	23.07



80		108	108	22.47	22.43	22.10
80		216	0	22.43	22.27	22.54
Channel				505200	518598	531996
Frequency (MHz)				2526	2592.99	2559.98
60	DFT-s-OFDM PI/2 BPSK	1	1	24.70	25.16	24.69
60		1	80	24.25	24.26	24.02
60		1	160	24.97	25.37	24.75
60		81	1	24.15	24.15	24.11
60		81	40	24.13	24.31	24.63
60		81	81	24.14	24.14	24.96
60		162	0	24.31	24.14	24.56
60	DFT-s-OFDM QPSK	1	1	24.73	25.16	24.73
60		1	80	24.97	24.87	24.75
60		1	160	25.13	25.32	24.76
60		81	1	25.11	25.36	24.85
60		81	40	25.18	25.25	24.54
60		81	81	25.08	24.96	23.85
60		162	0	25.47	24.85	24.36
60	DFT-s-OFDM 16QAM	1	1	24.91	25.12	24.69
60		1	80	24.36	24.75	23.87
60		1	160	25.32	25.32	24.81
60		81	1	25.10	24.00	24.50
60		81	40	25.17	24.66	24.58
60		81	81	25.44	24.55	25.44
60		162	0	25.14	25.17	25.11
60	DFT-s-OFDM 64QAM	1	1	24.71	25.08	24.70
60		1	80	24.96	24.87	24.96
60		1	160	25.03	25.27	24.48
60		81	1	24.36	24.52	24.56
60		81	40	24.13	25.27	24.34
60		81	81	23.12	24.34	23.98
60		162	0	23.20	23.10	24.10
60	DFT-s-OFDM 256QAM	1	1	23.55	24.00	23.24
60		1	80	23.34	22.38	22.54
60		1	160	23.53	23.72	22.98
60		81	1	24.00	22.50	22.39
60		81	40	22.65	24.28	22.88
60		81	81	22.43	22.39	22.98

60		162	0	22.43	22.42	23.10
Channel				503202	518598	534000
Frequency (MHz)				2516.01	2592.99	2670
40	DFT-s-OFDM PI/2 BPSK	1	1	26.80	25.70	25.52
40		1	53	26.42	26.10	26.23
40		1	104	26.34	26.11	26.92
40		50	1	26.45	26.78	26.80
40		50	25	26.17	25.87	25.55
40		50	50	26.10	26.47	25.33
40		100	0	26.44	26.41	25.75
40	DFT-s-OFDM QPSK	1	1	25.96	25.56	26.41
40		1	53	25.15	26.74	26.57
40		1	104	25.81	25.99	26.85
40		50	1	25.40	25.85	25.00
40		50	25	26.42	25.66	26.61
40		50	50	26.44	25.10	26.40
40		100	0	25.88	25.48	25.01
40	DFT-s-OFDM 16QAM	1	1	26.28	26.69	26.43
40		1	53	26.41	26.11	26.10
40		1	104	25.57	26.15	25.88
40		50	1	25.74	26.42	25.88
40		50	25	26.28	25.86	26.64
40		50	50	26.45	26.10	25.13
40		100	0	25.84	25.85	25.42
40	DFT-s-OFDM 64QAM	1	1	25.77	25.00	25.61
40		1	53	25.00	25.46	25.39
40		1	104	25.09	25.45	25.48
40		50	1	24.94	25.87	25.47
40		50	25	24.84	26.51	25.24
40		50	50	25.03	25.04	25.37
40		100	0	25.35	25.04	25.22
40	DFT-s-OFDM 256QAM	1	1	23.63	23.83	23.24
40		1	53	22.33	22.92	22.96
40		1	104	22.78	22.58	23.27
40		50	1	22.27	22.51	22.31
40		50	25	23.38	23.14	23.82
40		50	50	22.21	22.25	22.22
40		100	0	22.35	22.31	23.51



Channel				501204	518598	535998
Frequency (MHz)				2506.02	2592.99	2679.99
20	DFT-s-OFDM PI/2 BPSK	1	1	26.01	26.01	26.75
20		1	25	26.41	26.98	26.31
20		1	49	26.02	26.46	26.00
20		25	1	26.69	26.10	26.24
20		25	12	26.02	26.96	26.57
20		25	25	26.66	26.10	26.14
20		50	0	26.65	26.87	26.34
20	DFT-s-OFDM QPSK	1	1	26.10	26.94	26.63
20		1	25	26.64	26.48	26.45
20		1	49	26.98	26.39	26.88
20		25	1	26.87	26.47	26.13
20		25	12	26.52	26.86	26.40
20		25	25	26.12	26.45	26.01
20		50	0	26.05	26.88	26.14
20	DFT-s-OFDM 16QAM	1	1	26.92	26.86	26.71
20		1	25	26.41	26.36	26.10
20		1	49	26.53	26.31	25.94
20		25	1	26.78	26.00	26.41
20		25	12	26.13	26.87	26.41
20		25	25	25.98	26.25	25.85
20		50	0	26.01	25.13	25.00
20	DFT-s-OFDM 64QAM	1	1	26.26	26.14	26.20
20		1	25	26.00	26.41	25.87
20		1	49	25.90	26.69	25.38
20		25	1	26.01	25.74	25.30
20		25	12	25.66	24.44	25.03
20		25	25	25.87	24.98	24.78
20		50	0	25.69	25.13	24.36
20	DFT-s-OFDM 256QAM	1	1	24.04	24.76	24.13
20		1	25	24.37	24.36	24.75
20		1	49	24.25	24.56	23.76
20		25	1	24.85	25.00	23.66
20		25	12	24.30	24.92	23.56
20		25	25	24.97	24.87	24.11
20		50	0	25.01	24.64	23.99

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BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				509202	518598	528000
Frequency (MHz)				2546.01	2592.99	2640
100	CP-OFDM PI/2 BPSK	1	1	25.16	24.42	24.95
100		1	136	25.29	24.71	25.11
100		1	271	25.35	24.79	24.96
100		137	1	24.43	23.52	23.94
100		137	68	24.43	23.57	24.01
100		137	136	24.43	23.28	24.03
100		273	0	24.42	23.31	23.98
100	CP-OFDM QPSK	1	1	24.48	24.58	25.21
100		1	136	24.75	25.12	25.31
100		1	271	24.85	24.85	25.24
100		137	1	24.36	24.12	24.98
100		137	68	24.75	24.92	24.85
100		137	136	24.15	23.99	24.63
100		273	0	24.96	24.41	24.69
100	CP-OFDM 16QAM	1	1	24.31	24.08	25.09
100		1	136	23.04	24.25	24.31
100		1	271	25.07	24.60	24.73
100		137	1	24.10	24.36	23.98
100		137	68	24.84	24.97	24.85
100		137	136	24.57	23.55	24.15
100		273	0	24.78	24.69	24.69
100	CP-OFDM 64QAM	1	1	23.54	22.95	24.68
100		1	136	23.87	24.15	24.75
100		1	271	24.23	23.51	23.33
100		137	1	24.69	24.78	23.48
100		137	68	23.76	24.54	23.52
100		137	136	23.98	23.58	23.11
100		273	0	23.98	23.10	23.14
100	CP-OFDM 256QAM	1	1	22.26	21.15	22.95
100		1	136	21.85	22.14	22.47
100		1	271	21.64	21.48	21.85
100		137	1	22.55	22.47	23.40



100		137	68	22.68	22.93	22.16
100		137	136	22.47	22.85	22.48
100		273	0	22.98	22.10	22.47
Channel				507204	518598	529998
Frequency (MHz)				2536.02	2592.99	2649.99
80	CP-OFDM PI/2 BPSK	1	1	25.61	25.67	24.71
80		1	108	25.50	25.56	24.53
80		1	215	25.73	25.51	24.55
80		109	1	24.18	24.66	24.29
80		109	54	24.46	24.37	24.42
80		109	108	24.42	24.35	24.38
80		217	0	24.32	24.31	24.54
80	CP-OFDM QPSK	1	1	24.74	25.17	25.02
80		1	108	24.60	24.15	25.47
80		1	215	25.39	25.27	25.14
80		109	1	25.13	24.98	24.13
80		109	54	25.09	25.26	24.76
80		109	108	25.11	24.15	24.11
80		217	0	24.69	25.10	24.15
80	CP-OFDM 16QAM	1	1	24.71	25.26	25.02
80		1	108	24.36	24.17	25.39
80		1	215	25.37	25.18	24.76
80		109	1	24.74	25.11	23.98
80		109	54	24.85	25.26	24.70
80		109	108	24.63	24.12	24.14
80		217	0	25.00	23.98	23.87
80	CP-OFDM 64QAM	1	1	24.60	24.29	24.79
80		1	108	24.85	23.48	24.14
80		1	215	25.32	24.28	24.06
80		109	1	24.13	23.87	23.48
80		109	54	23.48	23.88	23.44
80		109	108	23.78	22.74	22.47
80		217	0	22.98	23.87	23.00
80	CP-OFDM 256QAM	1	1	21.64	21.78	21.85
80		1	108	22.14	22.47	22.47
80		1	215	22.35	22.02	21.87
80		109	1	21.98	21.47	21.87
80		109	54	21.04	22.17	21.10



80		109	108	21.46	22.47	21.69
80		217	0	21.42	21.74	22.10
Channel				505200	518598	531996
Frequency (MHz)				2526	2592.99	2559.98
60	CP-OFDM PI/2 BPSK	1	1	25.52	25.27	24.37
60		1	81	25.57	25.32	24.36
60		1	160	25.67	25.33	24.39
60		81	1	24.50	24.42	24.42
60		81	40	24.33	24.45	24.10
60		81	81	24.53	24.27	24.15
60		162	0	24.56	24.40	24.36
60	CP-OFDM QPSK	1	1	24.80	25.27	24.91
60		1	81	24.75	25.12	24.75
60		1	160	25.07	25.44	24.91
60		81	1	24.36	24.87	23.47
60		81	40	24.71	24.21	24.60
60		81	81	24.33	24.40	23.98
60		162	0	24.87	23.98	23.40
60	CP-OFDM 16QAM	1	1	24.64	25.10	24.75
60		1	81	25.41	24.98	23.87
60		1	160	25.19	25.20	24.63
60		81	1	25.14	24.97	23.98
60		81	40	24.58	25.29	24.57
60		81	81	24.87	24.33	24.85
60		162	0	24.71	24.15	23.87
60	CP-OFDM 64QAM	1	1	24.34	24.77	23.92
60		1	81	24.66	24.70	24.69
60		1	160	24.27	24.55	23.72
60		81	1	24.15	23.98	24.75
60		81	40	23.27	24.70	23.40
60		81	81	23.44	24.15	24.71
60		162	0	24.15	23.74	23.12
60	CP-OFDM 256QAM	1	1	22.81	22.96	22.67
60		1	81	22.97	22.47	22.00
60		1	160	22.98	22.16	22.71
60		81	1	22.14	22.14	22.47
60		81	40	21.82	22.33	21.95
60		81	81	21.87	21.48	22.10



60		162	0	21.05	21.14	20.87
Channel				503202	518598	534000
Frequency (MHz)				2516.01	2592.99	2670
40	CP-OFDM PI/2 BPSK	1	1	25.39	24.47	24.54
40		1	53	25.52	24.56	24.52
40		1	104	25.36	25.45	24.58
40		53	1	25.47	25.44	24.61
40		53	26	25.37	24.63	24.56
40		53	52	25.53	25.59	24.56
40		106	0	24.48	24.54	23.56
40	CP-OFDM QPSK	1	1	25.62	25.28	25.95
40		1	53	25.01	25.22	24.98
40		1	104	24.98	24.69	25.32
40		53	1	24.87	25.16	25.00
40		53	26	25.35	25.09	25.81
40		53	52	25.36	25.46	24.98
40		106	0	25.47	25.74	25.00
40	CP-OFDM 16QAM	1	1	25.35	25.83	25.44
40		1	53	25.40	24.98	25.66
40		1	104	24.65	24.24	24.88
40		53	1	25.33	25.19	25.47
40		53	26	25.16	25.81	25.55
40		53	52	25.06	25.47	25.48
40		106	0	25.47	24.96	24.36
40	CP-OFDM 64QAM	1	1	24.81	25.93	24.62
40		1	53	24.16	24.75	24.06
40		1	104	23.95	25.32	24.03
40		53	1	24.98	24.05	24.45
40		53	26	24.01	24.49	24.22
40		53	52	23.75	24.95	23.45
40		106	0	24.20	23.85	24.16
40	CP-OFDM 256QAM	1	1	23.11	23.75	23.24
40		1	53	23.75	23.10	24.00
40		1	104	23.45	22.86	23.12
40		53	1	22.85	21.75	22.16
40		53	26	21.63	23.23	21.87
40		53	52	22.10	22.74	21.36
40		106	0	21.80	21.74	22.76



Channel				501204	518598	535998
Frequency (MHz)				2506.02	2592.99	2679.99
20	CP-OFDM PI/2 BPSK	1	1	25.70	25.71	25.63
20		1	25	25.21	25.20	25.13
20		1	49	25.23	25.18	25.11
20		25	1	24.76	25.66	25.64
20		25	12	25.75	25.17	25.63
20		25	25	25.69	25.47	25.30
20		51	0	26.14	25.75	26.47
20	CP-OFDM QPSK	1	1	26.24	26.55	26.25
20		1	25	25.98	26.47	25.87
20		1	49	25.81	26.49	25.36
20		25	1	25.69	25.10	25.34
20		25	121	25.75	25.57	25.24
20		25	25	25.85	25.76	25.74
20		51	0	25.74	26.36	26.34
20	CP-OFDM 16QAM	1	1	25.73	26.02	25.75
20		1	25	25.97	26.03	26.17
20		1	49	25.35	26.51	25.88
20		25	1	26.00	25.14	25.97
20		25	121	25.76	25.56	25.19
20		25	25	25.69	25.00	25.87
20		51	0	24.98	25.11	25.84
20	CP-OFDM 64QAM	1	1	24.97	25.06	25.01
20		1	25	24.69	25.14	24.98
20		1	49	24.47	25.61	24.11
20		25	1	24.36	25.48	24.30
20		25	121	25.34	26.00	24.73
20		25	25	25.36	25.10	24.31
20		51	0	24.98	24.16	24.00
20	CP-OFDM 256QAM	1	1	21.92	22.66	22.17
20		1	25	22.79	21.98	22.99
20		1	49	22.20	22.43	21.75
20		25	1	22.82	22.45	21.98
20		25	121	22.48	22.07	22.45
20		25	25	22.79	22.48	21.48
20		51	0	22.69	21.75	22.39

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

EN-DC_12A-N25				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				372000		376500		381000	
Frequency (MHz)				1860		1882.5		1905	
				dBm	W	dBm	W	dBm	W
20	DFT-s-OFDM PI/2 BPSK	1	1	23.00	0.200	23.06	0.202	23.26	0.212
20		1	53	21.96	0.157	22.65	0.184	22.63	0.183
20		1	104	22.63	0.183	22.89	0.195	22.93	0.196
20		50	1	22.80	0.191	22.93	0.196	23.58	0.228
20		50	25	22.95	0.197	23.13	0.206	23.08	0.203
20		50	50	23.57	0.228	23.61	0.230	22.82	0.191
20		100	0	23.04	0.201	22.96	0.198	23.38	0.218
20	DFT-s-OFDM QPSK	1	1	23.62	0.230	23.57	0.228	23.03	0.201
20		1	53	22.99	0.199	23.07	0.203	23.11	0.205
20		1	104	22.72	0.187	22.84	0.192	22.78	0.190
20		50	1	22.93	0.196	22.64	0.184	23.54	0.226
20		50	25	23.12	0.205	23.10	0.204	23.12	0.205
20		50	50	22.96	0.198	23.06	0.202	22.71	0.187
20		100	0	22.96	0.198	23.38	0.218	23.57	0.228
20	DFT-s-OFDM 16QAM	1	1	23.14	0.206	23.23	0.210	23.19	0.208
20		1	53	22.74	0.188	22.77	0.189	22.66	0.185
20		1	104	22.74	0.188	22.93	0.196	22.93	0.196
20		50	1	23.37	0.217	23.22	0.210	23.01	0.200
20		50	25	22.84	0.192	23.14	0.206	23.11	0.205
20		50	50	23.24	0.211	23.48	0.223	22.70	0.186
20		100	0	22.93	0.196	23.03	0.201	22.66	0.185
20	DFT-s-OFDM 64QAM	1	1	21.48	0.141	21.60	0.145	21.54	0.143
20		1	53	20.49	0.112	21.18	0.131	21.66	0.147
20		1	104	21.49	0.141	21.32	0.136	21.68	0.147
20		50	1	21.60	0.145	21.59	0.144	21.47	0.140
20		50	25	21.44	0.139	21.72	0.149	22.70	0.186
20		50	50	21.05	0.127	21.47	0.140	21.62	0.145
20		100	0	21.66	0.147	21.54	0.143	20.72	0.118
20	DFT-s-OFDM 256QAM	1	1	19.14	0.082	19.24	0.084	19.31	0.085
20		1	53	18.59	0.072	18.72	0.074	18.96	0.079



20		1	104	19.04	0.080	19.07	0.081	19.00	0.079
20		50	1	19.49	0.089	19.59	0.091	19.61	0.091
20		50	25	19.44	0.088	19.62	0.092	19.60	0.091
20		50	50	19.90	0.098	19.74	0.094	19.61	0.091
20		100	0	19.58	0.091	19.65	0.092	20.05	0.101
Channel				371500		376500		381500	
Frequency (MHz)				1857.5		1882.5		1907.5	
				dBm	W	dBm	W	dBm	W
15	DFT-s-OFDM PI/2 BPSK	1	1	22.97	0.198	22.98	0.199	23.01	0.200
15		1	39	23.05	0.202	22.96	0.198	23.38	0.218
15		1	77	22.82	0.191	22.74	0.188	22.76	0.189
15		36	1	22.96	0.198	23.34	0.216	22.58	0.181
15		36	18	22.92	0.196	22.97	0.198	22.91	0.195
15		36	36	23.26	0.212	22.59	0.182	22.58	0.181
15		75	0	22.61	0.182	22.59	0.182	22.61	0.182
15	DFT-s-OFDM QPSK	1	1	22.90	0.195	23.02	0.200	23.04	0.201
15		1	39	22.73	0.187	22.66	0.185	22.71	0.187
15		1	77	22.73	0.187	22.86	0.193	22.79	0.190
15		36	1	22.72	0.187	22.96	0.198	23.49	0.223
15		36	18	22.89	0.195	22.85	0.193	22.88	0.194
15		36	36	22.54	0.179	12.66	0.018	22.56	0.180
15		75	0	21.58	0.144	22.15	0.164	21.96	0.157
15	DFT-s-OFDM 16QAM	1	1	22.92	0.196	22.94	0.197	22.98	0.199
15		1	39	22.62	0.183	22.90	0.195	23.01	0.200
15		1	77	22.74	0.188	22.77	0.189	22.82	0.191
15		36	1	23.01	0.200	23.03	0.201	22.91	0.195
15		36	18	22.88	0.194	22.91	0.195	22.97	0.198
15		36	36	22.96	0.198	23.01	0.200	22.93	0.196
15		75	0	22.61	0.182	22.63	0.183	23.01	0.200
15	DFT-s-OFDM 64QAM	1	1	21.70	0.148	21.70	0.148	21.40	0.138
15		1	39	21.93	0.156	22.56	0.180	22.61	0.182
15		1	77	21.20	0.132	21.48	0.141	21.17	0.131
15		36	1	21.26	0.134	21.05	0.127	20.75	0.119
15		36	18	21.43	0.139	21.41	0.138	21.49	0.141
15		36	36	19.74	0.094	20.29	0.107	19.59	0.091
15		75	0	20.61	0.115	20.14	0.103	20.47	0.111
15	DFT-s-OFDM 256QAM	1	1	18.96	0.079	19.18	0.083	19.16	0.082
15		1	39	18.59	0.072	18.75	0.075	19.05	0.080



15		1	77	18.92	0.078	18.96	0.079	18.97	0.079
15		36	1	18.95	0.079	18.96	0.079	19.45	0.088
15		36	18	19.36	0.086	19.45	0.088	19.41	0.087
15		36	36	19.05	0.080	19.59	0.091	19.45	0.088
15		75	0	19.35	0.086	19.09	0.081	19.28	0.085
Channel				371000		376500		382000	
Frequency (MHz)				1855		1882.5		1910	
				dBm	W	dBm	W	dBm	W
10	DFT-s-OFDM PI/2 BPSK	1	1	23.13	0.206	23.03	0.201	23.16	0.207
10		1	25	22.94	0.197	22.91	0.195	23.06	0.202
10		1	50	22.99	0.199	22.90	0.195	23.03	0.201
10		25	1	23.07	0.203	23.01	0.200	22.98	0.199
10		25	12	23.11	0.205	23.14	0.206	23.11	0.205
10		25	24	23.11	0.205	23.21	0.209	22.94	0.197
10		50	0	23.02	0.200	23.34	0.216	23.21	0.209
10	DFT-s-OFDM QPSK	1	1	23.11	0.205	23.09	0.204	23.05	0.202
10		1	25	22.91	0.195	23.02	0.200	23.03	0.201
10		1	50	22.96	0.198	22.88	0.194	22.93	0.196
10		25	1	23.26	0.212	23.06	0.202	23.01	0.200
10		25	12	23.18	0.208	23.07	0.203	23.11	0.205
10		25	24	23.59	0.229	23.01	0.200	23.61	0.230
10		50	0	22.71	0.187	23.08	0.203	23.26	0.212
10	DFT-s-OFDM 16QAM	1	1	23.04	0.201	23.17	0.207	23.29	0.213
10		1	25	22.96	0.198	23.01	0.200	23.34	0.216
10		1	50	23.08	0.203	22.97	0.198	23.05	0.202
10		25	1	22.94	0.197	22.71	0.187	22.70	0.186
10		25	12	23.18	0.208	23.11	0.205	23.18	0.208
10		25	24	22.29	0.169	21.96	0.157	22.61	0.182
10		50	0	22.71	0.187	22.59	0.182	22.45	0.176
10	DFT-s-OFDM 64QAM	1	1	21.55	0.143	21.49	0.141	21.53	0.142
10		1	25	21.25	0.133	21.35	0.136	21.08	0.128
10		1	50	21.39	0.138	21.34	0.136	21.72	0.149
10		25	1	21.61	0.145	21.56	0.143	21.65	0.146
10		25	12	21.66	0.147	21.62	0.145	21.58	0.144
10		25	24	20.56	0.114	21.96	0.157	20.74	0.119
10		50	0	18.59	0.072	19.56	0.090	20.45	0.111
10	DFT-s-OFDM 256QAM	1	1	19.27	0.085	19.24	0.084	19.23	0.084
10		1	25	18.96	0.079	19.65	0.092	19.57	0.091



10		1	50	19.14	0.082	19.13	0.082	19.22	0.084
10		25	1	19.56	0.090	19.23	0.084	19.58	0.091
10		25	12	19.64	0.092	19.61	0.091	19.62	0.092
10		25	24	19.61	0.091	20.61	0.115	20.58	0.114
10		50	0	19.29	0.085	19.45	0.088	19.27	0.085
Channel				370500		376500		382500	
Frequency (MHz)				1852.5		1882.5		1912.5	
				dBm	W	dBm	W	dBm	W
5	DFT-s-OFDM PI/2 BPSK	1	1	22.91	0.195	22.97	0.198	22.90	0.195
5		1	12	23.03	0.201	23.01	0.200	23.07	0.203
5		1	23	22.94	0.197	22.95	0.197	22.85	0.193
5		12	1	23.06	0.202	23.34	0.216	22.58	0.181
5		12	6	22.96	0.198	22.91	0.195	22.92	0.196
5		12	12	22.85	0.193	23.07	0.203	22.63	0.183
5		25	0	23.34	0.216	23.24	0.211	23.44	0.221
5	DFT-s-OFDM QPSK	1	1	22.83	0.192	22.89	0.195	22.82	0.191
5		1	12	23.29	0.213	22.72	0.187	22.66	0.185
5		1	23	22.92	0.196	22.98	0.199	22.81	0.191
5		12	1	23.49	0.223	22.73	0.187	22.58	0.181
5		12	6	22.96	0.198	22.96	0.198	22.90	0.195
5		12	12	22.72	0.187	22.84	0.192	23.03	0.201
5		25	0	23.03	0.201	22.76	0.189	23.06	0.202
5	DFT-s-OFDM 16QAM	1	1	23.05	0.202	22.81	0.191	23.06	0.202
5		1	12	23.04	0.201	23.36	0.217	22.94	0.197
5		1	23	22.92	0.196	22.88	0.194	22.93	0.196
5		12	1	23.04	0.201	22.77	0.189	23.46	0.222
5		12	6	22.99	0.199	22.91	0.195	22.88	0.194
5		12	12	22.73	0.187	23.02	0.200	23.22	0.210
5		25	0	22.73	0.187	22.61	0.183	23.24	0.211
5	DFT-s-OFDM 64QAM	1	1	21.63	0.146	21.25	0.133	21.29	0.135
5		1	12	21.89	0.155	22.18	0.165	22.29	0.169
5		1	23	21.66	0.147	21.67	0.147	21.31	0.135
5		12	1	22.56	0.180	22.62	0.183	21.58	0.144
5		12	6	21.41	0.138	21.35	0.136	21.36	0.137
5		12	12	20.58	0.114	20.74	0.119	21.62	0.145
5		25	0	19.65	0.092	19.75	0.094	20.29	0.107
5	DFT-s-OFDM 256QAM	1	1	19.13	0.082	19.02	0.080	19.13	0.082
5		1	12	18.65	0.073	18.66	0.073	19.15	0.082



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5		1	23	19.00	0.079	19.02	0.080	18.78	0.076
5		12	1	19.03	0.080	19.44	0.088	19.23	0.084
5		12	6	19.52	0.090	19.58	0.091	19.47	0.089
5		12	12	18.96	0.079	19.38	0.087	19.58	0.091
5		25	0	19.65	0.092	19.35	0.086	18.96	0.079



EN-DC_12A-N25				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				372000		376500		381000	
Frequency (MHz)				1860		1882.5		1905	
				dBm	W	dBm	W	dBm	W
20	CP-OFDM PI/2 BPSK	1	1	21.96	0.157	22.62	0.183	22.96	0.198
20		1	53	22.56	0.180	22.13	0.163	21.72	0.149
20		1	104	21.96	0.157	22.45	0.176	22.56	0.180
20		50	1	22.38	0.173	21.72	0.149	22.18	0.165
20		50	25	21.73	0.149	22.49	0.177	22.16	0.164
20		50	50	22.62	0.183	21.96	0.157	22.60	0.182
20		100	0	22.51	0.178	21.95	0.157	23.47	0.222
20	CP-OFDM QPSK	1	1	22.43	0.175	22.86	0.193	22.84	0.192
20		1	53	22.63	0.183	22.72	0.187	22.50	0.178
20		1	104	22.19	0.166	22.39	0.173	22.42	0.175
20		50	1	21.96	0.157	22.12	0.163	21.97	0.157
20		50	25	22.37	0.173	22.60	0.182	22.64	0.184
20		50	50	21.62	0.145	21.72	0.149	21.96	0.157
20		100	0	22.35	0.172	21.96	0.157	22.51	0.178
20	CP-OFDM 16QAM	1	1	22.12	0.163	22.14	0.164	22.02	0.159
20		1	53	21.73	0.149	22.35	0.172	21.63	0.146
20		1	104	21.86	0.153	21.92	0.156	21.87	0.154
20		50	1	21.19	0.132	22.20	0.166	21.63	0.146
20		50	25	22.05	0.160	22.06	0.161	22.04	0.160
20		50	50	21.96	0.157	22.12	0.163	22.56	0.180
20		100	0	21.13	0.130	21.02	0.126	21.62	0.145
20	CP-OFDM 64QAM	1	1	20.53	0.113	20.53	0.113	20.78	0.120
20		1	53	20.65	0.116	19.84	0.096	20.08	0.102
20		1	104	20.27	0.106	20.25	0.106	20.24	0.106
20		50	1	19.96	0.099	20.55	0.114	20.61	0.115
20		50	25	20.56	0.114	20.66	0.116	20.61	0.115
20		50	50	20.47	0.111	20.26	0.106	20.62	0.115
20		100	0	20.61	0.115	20.56	0.114	20.45	0.111
20	CP-OFDM 256QAM	1	1	17.40	0.055	17.39	0.055	17.38	0.055
20		1	53	17.73	0.059	17.58	0.057	17.71	0.059
20		1	104	17.06	0.051	17.09	0.051	17.05	0.051



20		50	1	18.61	0.073	17.96	0.063	18.14	0.065
20		50	25	17.60	0.058	17.65	0.058	17.64	0.058
20		50	50	17.74	0.059	18.16	0.065	18.49	0.071
20		100	0	17.85	0.061	18.06	0.064	18.38	0.069
Channel				371500		376500		381500	
Frequency (MHz)				1857.5		1882.5		1907.5	
				dBm	W	dBm	W	dBm	W
15	CP-OFDM PI/2 BPSK	1	1	22.58	0.181	22.63	0.183	22.15	0.164
15		1	39	22.59	0.182	22.90	0.195	23.01	0.200
15		1	77	22.61	0.182	22.80	0.191	23.03	0.201
15		36	1	22.56	0.180	22.70	0.186	23.02	0.200
15		36	18	23.02	0.200	22.23	0.167	22.58	0.181
15		36	36	22.96	0.198	22.56	0.180	22.61	0.182
15		75	0	22.90	0.195	22.65	0.184	22.96	0.198
15	CP-OFDM QPSK	1	1	22.54	0.179	22.65	0.184	22.45	0.176
15		1	39	21.70	0.148	21.95	0.157	22.29	0.169
15		1	77	22.22	0.167	22.18	0.165	22.19	0.166
15		36	1	21.19	0.132	21.48	0.141	21.61	0.145
15		36	18	20.91	0.123	20.95	0.124	20.90	0.123
15		36	36	21.05	0.127	21.11	0.129	21.62	0.145
15		75	0	21.72	0.149	21.73	0.149	21.85	0.153
15	CP-OFDM 16QAM	1	1	22.01	0.159	22.02	0.159	21.95	0.157
15		1	39	21.56	0.143	22.15	0.164	22.29	0.169
15		1	77	21.77	0.150	21.68	0.147	21.58	0.144
15		36	1	20.75	0.119	21.62	0.145	21.56	0.143
15		36	18	21.06	0.128	21.04	0.127	21.05	0.127
15		36	36	19.65	0.092	19.96	0.099	20.66	0.116
15		75	0	20.64	0.116	20.58	0.114	21.12	0.129
15	CP-OFDM 64QAM	1	1	20.31	0.107	20.38	0.109	20.35	0.108
15		1	39	20.08	0.102	19.58	0.091	19.61	0.091
15		1	77	20.13	0.103	20.16	0.104	20.27	0.106
15		36	1	20.18	0.104	19.96	0.099	20.08	0.102
15		36	18	20.47	0.111	20.42	0.110	20.35	0.108
15		36	36	20.05	0.101	20.56	0.114	20.35	0.108
15		75	0	19.85	0.097	20.62	0.115	19.96	0.099
15	CP-OFDM 256QAM	1	1	17.17	0.052	17.12	0.052	17.21	0.053
15		1	39	17.49	0.056	17.45	0.056	17.44	0.055
15		1	77	16.72	0.047	16.80	0.048	16.75	0.047



15		36	1	16.96	0.050	17.38	0.055	17.61	0.058
15		36	18	17.47	0.056	17.41	0.055	17.41	0.055
15		36	36	17.18	0.052	17.35	0.054	17.49	0.056
15		75	0	17.29	0.054	17.44	0.055	16.85	0.048
Channel				371000		376500		382000	
Frequency (MHz)				1855		1882.5		1910	
				dBm	W	dBm	W	dBm	W
10	CP-OFDM PI/2 BPSK	1	1	23.06	0.202	22.59	0.182	22.96	0.198
10		1	25	23.29	0.213	23.09	0.204	22.56	0.180
10		1	50	23.06	0.202	22.57	0.181	22.79	0.190
10		25	1	23.06	0.202	23.08	0.203	22.59	0.182
10		25	12	22.44	0.175	22.72	0.187	23.38	0.218
10		25	24	23.18	0.208	22.48	0.177	22.62	0.183
10		50	0	23.01	0.200	22.83	0.192	22.96	0.198
10	CP-OFDM QPSK	1	1	22.74	0.188	22.81	0.191	22.60	0.182
10		1	25	22.51	0.178	21.96	0.157	22.62	0.183
10		1	50	22.51	0.178	22.58	0.181	22.54	0.179
10		25	1	22.56	0.180	22.45	0.176	22.47	0.177
10		25	12	22.62	0.183	22.58	0.181	22.64	0.184
10		25	24	22.73	0.187	22.74	0.188	23.06	0.202
10		50	0	22.58	0.181	22.45	0.176	22.66	0.185
10	CP-OFDM 16QAM	1	1	22.28	0.169	22.09	0.162	22.19	0.166
10		1	25	22.96	0.198	22.58	0.181	22.45	0.176
10		1	50	22.10	0.162	22.02	0.159	22.09	0.162
10		25	1	23.02	0.200	22.96	0.198	22.45	0.176
10		25	12	22.10	0.162	22.11	0.163	22.11	0.163
10		25	24	21.16	0.131	21.18	0.131	22.19	0.166
10		50	0	21.55	0.143	21.96	0.157	22.96	0.198
10	CP-OFDM 64QAM	1	1	20.55	0.114	20.46	0.111	20.73	0.118
10		1	25	20.85	0.122	20.56	0.114	20.05	0.101
10		1	50	20.43	0.110	23.26	0.212	20.43	0.110
10		25	1	21.18	0.131	23.06	0.202	22.96	0.198
10		25	12	20.64	0.116	20.62	0.115	20.75	0.119
10		25	24	21.12	0.129	21.66	0.147	21.58	0.144
10		50	0	22.96	0.198	22.98	0.199	23.06	0.202
10	CP-OFDM 256QAM	1	1	17.40	0.055	17.30	0.054	17.38	0.055
10		1	25	17.95	0.062	17.96	0.063	17.96	0.063
10		1	50	17.25	0.053	17.09	0.051	17.23	0.053



10		25	1	18.08	0.064	18.29	0.067	17.59	0.057
10		25	12	17.63	0.058	17.58	0.057	17.63	0.058
10		25	24	18.62	0.073	18.58	0.072	18.90	0.078
10		50	0	19.19	0.083	19.23	0.084	19.54	0.090
Channel				370500		376500		382500	
Frequency (MHz)				1852.5		1882.5		1912.5	
				dBm	W	dBm	W	dBm	W
5	CP-OFDM PI/2 BPSK	1	1	22.56	0.180	22.62	0.183	22.56	0.180
5		1	12	21.96	0.157	22.55	0.180	21.98	0.158
5		1	23	22.29	0.169	21.95	0.157	20.75	0.119
5		12	1	22.61	0.182	22.26	0.168	22.53	0.179
5		12	6	22.38	0.173	22.55	0.180	22.35	0.172
5		12	12	21.96	0.157	22.12	0.163	22.45	0.176
5		25	0	21.59	0.144	21.72	0.149	22.23	0.167
5	CP-OFDM QPSK	1	1	22.48	0.177	22.41	0.174	22.42	0.175
5		1	12	22.38	0.173	22.61	0.182	22.59	0.182
5		1	23	22.35	0.172	22.35	0.172	22.58	0.181
5		12	1	21.62	0.145	21.90	0.155	22.40	0.174
5		12	6	22.35	0.172	22.40	0.174	22.26	0.168
5		12	12	21.56	0.143	22.45	0.176	22.55	0.180
5		25	0	21.56	0.143	21.65	0.146	21.47	0.140
5	CP-OFDM 16QAM	1	1	22.00	0.158	21.94	0.156	21.75	0.150
5		1	12	21.68	0.147	21.72	0.149	22.23	0.167
5		1	23	21.86	0.153	21.98	0.158	21.78	0.151
5		12	1	22.18	0.165	22.38	0.173	22.62	0.183
5		12	6	21.90	0.155	21.84	0.153	21.79	0.151
5		12	12	21.85	0.153	21.96	0.157	22.29	0.169
5		25	0	21.29	0.135	20.38	0.109	22.45	0.176
5	CP-OFDM 64QAM	1	1	20.55	0.114	20.49	0.112	20.54	0.113
5		1	12	19.96	0.099	19.58	0.091	19.47	0.089
5		1	23	20.23	0.105	20.18	0.104	20.52	0.113
5		12	1	20.65	0.116	21.00	0.126	20.49	0.112
5		12	6	20.46	0.111	20.50	0.112	20.43	0.110
5		12	12	20.45	0.111	21.38	0.137	21.96	0.157
5		25	0	17.75	0.060	18.08	0.064	18.96	0.079
5	CP-OFDM 256QAM	1	1	17.12	0.052	17.18	0.052	17.24	0.053
5		1	12	17.49	0.056	17.29	0.054	17.35	0.054
5		1	23	16.92	0.049	16.87	0.049	17.02	0.050



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5		12	1	17.45	0.056	16.99	0.050	17.12	0.052
5		12	6	17.59	0.057	17.59	0.057	17.53	0.057
5		12	12	16.97	0.050	17.44	0.055	16.87	0.049
5		25	0	16.96	0.050	17.17	0.052	17.47	0.056



EN-DC_71A-N66				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				344000		349000		354000	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	DFT-S-OFDM PI/2 BPSK	1	1	21.12	0.129	21.14	0.130	21.11	0.129
20		1	53	22.46	0.176	22.44	0.175	21.95	0.157
20		1	104	22.51	0.178	22.55	0.180	22.54	0.179
20		50	1	22.50	0.178	22.38	0.173	21.96	0.157
20		50	25	22.20	0.166	22.22	0.167	21.92	0.156
20		50	50	22.46	0.176	22.45	0.176	22.09	0.162
20		100	0	22.32	0.171	21.71	0.148	20.72	0.118
20	DFT-S-OFDM QPSK	1	1	22.51	0.178	22.68	0.185	22.46	0.176
20		1	53	21.39	0.138	20.98	0.125	20.69	0.117
20		1	104	22.07	0.161	21.86	0.153	21.82	0.152
20		50	1	21.65	0.146	21.68	0.147	20.11	0.103
20		50	25	21.95	0.157	21.93	0.156	21.93	0.156
20		50	50	21.50	0.141	20.66	0.116	21.69	0.148
20		100	0	22.30	0.170	21.59	0.144	21.72	0.149
20	DFT-S-OFDM 16QAM	1	1	21.04	0.127	21.15	0.130	20.87	0.122
20		1	53	20.99	0.126	22.08	0.161	22.04	0.160
20		1	104	21.94	0.156	21.02	0.126	20.89	0.123
20		50	1	22.48	0.177	22.65	0.184	22.55	0.180
20		50	25	22.22	0.167	22.04	0.160	22.02	0.159
20		50	50	22.61	0.182	21.34	0.136	21.13	0.130
20		100	0	21.59	0.144	21.23	0.133	21.14	0.130
20	DFT-S-OFDM 64QAM	1	1	20.24	0.106	20.94	0.124	20.94	0.124
20		1	53	20.92	0.124	21.32	0.136	21.28	0.134
20		1	104	21.32	0.136	21.21	0.132	21.24	0.133
20		50	1	20.74	0.119	20.66	0.116	21.59	0.144
20		50	25	20.53	0.113	20.60	0.115	20.42	0.110
20		50	50	21.29	0.135	21.35	0.136	21.36	0.137
20		100	0	21.47	0.140	21.11	0.129	20.26	0.106
20	DFT-S-OFDM 256QAM	1	1	19.38	0.087	19.47	0.089	18.35	0.068
20		1	53	18.95	0.079	18.64	0.073	19.56	0.090
20		1	104	18.83	0.076	18.99	0.079	18.38	0.069



20		50	1	20.13	0.103	19.92	0.098	19.27	0.085
20		50	25	20.08	0.102	19.77	0.095	19.43	0.088
20		50	50	19.32	0.086	19.95	0.099	19.12	0.082
20		100	0	16.94	0.049	16.70	0.047	16.09	0.041
Channel				343500		349000		354500	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	DFT-S-OFDM PI/2 BPSK	1	1	20.62	0.115	20.64	0.116	20.61	0.115
15		1	39	21.96	0.157	21.94	0.156	21.45	0.140
15		1	77	22.01	0.159	22.05	0.160	22.04	0.160
15		36	1	22.00	0.158	21.88	0.154	21.46	0.140
15		36	18	21.70	0.148	21.72	0.149	21.42	0.139
15		36	36	21.96	0.157	21.95	0.157	21.59	0.144
15		75	0	21.82	0.152	21.21	0.132	20.22	0.105
15	DFT-S-OFDM QPSK	1	1	22.01	0.159	22.18	0.165	21.96	0.157
15		1	39	20.89	0.123	20.48	0.112	20.19	0.104
15		1	77	21.57	0.144	21.36	0.137	21.32	0.136
15		36	1	21.15	0.130	21.18	0.131	19.61	0.091
15		36	18	21.45	0.140	21.43	0.139	21.43	0.139
15		36	36	21.00	0.126	20.16	0.104	21.19	0.132
15		75	0	21.80	0.151	21.09	0.129	21.22	0.132
15	DFT-S-OFDM 16QAM	1	1	20.54	0.113	20.65	0.116	20.37	0.109
15		1	39	20.49	0.112	21.58	0.144	21.54	0.143
15		1	77	21.44	0.139	20.94	0.124	21.00	0.126
15		36	1	21.98	0.158	22.15	0.164	22.05	0.160
15		36	18	21.72	0.149	21.54	0.143	21.52	0.142
15		36	36	22.11	0.163	20.84	0.121	20.63	0.116
15		75	0	21.09	0.129	20.73	0.118	20.64	0.116
15	DFT-S-OFDM 64QAM	1	1	19.74	0.094	20.44	0.111	20.44	0.111
15		1	39	20.42	0.110	20.82	0.121	20.78	0.120
15		1	77	20.82	0.121	20.71	0.118	20.74	0.119
15		36	1	20.24	0.106	20.16	0.104	21.09	0.129
15		36	18	20.03	0.101	20.10	0.102	19.92	0.098
15		36	36	20.79	0.120	20.85	0.122	20.86	0.122
15		75	0	20.97	0.125	20.61	0.115	19.76	0.095
15	DFT-S-OFDM 256QAM	1	1	18.88	0.077	18.97	0.079	17.85	0.061
15		1	39	18.45	0.070	18.14	0.065	19.06	0.081
15		1	77	18.33	0.068	18.49	0.071	17.88	0.061



15		36	1	18.70	0.074	19.42	0.087	18.77	0.075
15		36	18	19.58	0.091	19.27	0.085	18.93	0.078
15		36	36	18.82	0.076	19.45	0.088	18.62	0.073
15		75	0	18.44	0.070	18.20	0.066	18.59	0.072
Channel				342500		34900		355500	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
10	DFT-S-OFDM PI/2 BPSK	1	1	20.12	0.103	20.14	0.103	20.11	0.103
10		1	25	21.46	0.140	21.44	0.139	20.95	0.124
10		1	50	21.51	0.142	21.55	0.143	21.54	0.143
10		25	1	21.50	0.141	21.38	0.137	20.96	0.125
10		25	12	21.20	0.132	21.22	0.132	20.92	0.124
10		25	24	21.46	0.140	21.45	0.140	21.09	0.129
10		50	0	21.32	0.136	20.71	0.118	19.72	0.094
10	DFT-S-OFDM QPSK	1	1	21.51	0.142	21.68	0.147	21.46	0.140
10		1	25	20.39	0.109	19.98	0.100	19.69	0.093
10		1	50	21.07	0.128	20.86	0.122	20.82	0.121
10		25	1	20.65	0.116	20.68	0.117	19.11	0.081
10		25	12	20.95	0.124	20.93	0.124	20.93	0.124
10		25	24	20.50	0.112	19.66	0.092	20.69	0.117
10		50	0	21.30	0.135	20.59	0.115	20.72	0.118
10	DFT-S-OFDM 16QAM	1	1	20.04	0.101	20.15	0.104	19.87	0.097
10		1	25	19.99	0.100	21.08	0.128	21.04	0.127
10		1	50	20.94	0.124	20.02	0.100	19.89	0.097
10		25	1	21.48	0.141	21.65	0.146	21.55	0.143
10		25	12	21.22	0.132	21.04	0.127	21.02	0.126
10		25	24	21.61	0.145	20.34	0.108	20.13	0.103
10		50	0	20.59	0.115	20.23	0.105	20.14	0.103
10	DFT-S-OFDM 64QAM	1	1	19.24	0.084	19.94	0.099	19.94	0.099
10		1	25	19.92	0.098	20.32	0.108	20.28	0.107
10		1	50	20.32	0.108	20.21	0.105	20.24	0.106
10		25	1	19.74	0.094	19.66	0.092	20.59	0.115
10		25	12	19.53	0.090	19.60	0.091	19.42	0.087
10		25	24	20.29	0.107	20.35	0.108	20.36	0.109
10		50	0	20.47	0.111	20.11	0.103	19.26	0.084
10	DFT-S-OFDM 256QAM	1	1	18.38	0.069	18.47	0.070	17.35	0.054
10		1	25	17.95	0.062	17.64	0.058	18.56	0.072
10		1	50	17.83	0.061	17.99	0.063	17.38	0.055



10		25	1	19.13	0.082	18.92	0.078	18.27	0.067
10		25	12	19.08	0.081	18.77	0.075	18.43	0.070
10		25	24	18.32	0.068	18.95	0.079	18.12	0.065
10		50	0	18.90	0.078	18.96	0.079	19.09	0.081
Channel				343000		349000		355000	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	DFT-S-OFDM PI/2 BPSK	1	1	19.76	0.095	19.78	0.095	19.75	0.094
5		1	12	21.10	0.129	21.08	0.128	20.59	0.115
5		1	23	21.15	0.130	21.19	0.132	21.18	0.131
5		12	1	21.14	0.130	21.02	0.126	20.60	0.115
5		12	6	20.84	0.121	20.86	0.122	20.56	0.114
5		12	12	21.10	0.129	21.09	0.129	20.73	0.118
5		25	0	20.96	0.125	20.35	0.108	19.36	0.086
5	DFT-S-OFDM QPSK	1	1	21.15	0.130	21.32	0.136	21.10	0.129
5		1	12	20.03	0.101	19.62	0.092	19.33	0.086
5		1	23	20.71	0.118	20.50	0.112	20.46	0.111
5		12	1	20.29	0.107	20.32	0.108	18.75	0.075
5		12	6	20.59	0.115	20.57	0.114	20.57	0.114
5		12	12	20.14	0.103	19.30	0.085	20.33	0.108
5		25	0	20.94	0.124	20.23	0.105	20.36	0.109
5	CP-OFDM 16QAM	1	1	19.68	0.093	19.79	0.095	19.51	0.089
5		1	12	19.63	0.092	20.72	0.118	20.68	0.117
5		1	23	20.58	0.114	19.66	0.092	19.53	0.090
5		12	1	21.12	0.129	21.29	0.135	21.19	0.132
5		12	6	20.86	0.122	20.68	0.117	20.66	0.116
5		12	12	21.25	0.133	19.98	0.100	19.77	0.095
5		25	0	20.23	0.105	19.87	0.097	19.78	0.095
5	DFT-S-OFDM 64QAM	1	1	18.88	0.077	19.58	0.091	19.58	0.091
5		1	12	19.56	0.090	19.96	0.099	19.92	0.098
5		1	23	19.96	0.099	19.85	0.097	19.88	0.097
5		12	1	19.38	0.087	19.30	0.085	20.23	0.105
5		12	6	19.17	0.083	19.24	0.084	19.06	0.081
5		12	12	19.93	0.098	19.99	0.100	20.00	0.100
5		25	0	20.11	0.103	19.75	0.094	18.90	0.078
5	DFT-S-OFDM 256QAM	1	1	18.02	0.063	18.11	0.065	16.99	0.050
5		1	12	17.59	0.057	17.28	0.053	18.20	0.066
5		1	23	17.47	0.056	17.63	0.058	17.02	0.050



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5		12	1	18.77	0.075	18.56	0.072	17.91	0.062
5		12	6	18.72	0.074	18.41	0.069	18.07	0.064
5		12	12	17.96	0.063	18.59	0.072	17.76	0.060
5		25	0	18.54	0.071	18.60	0.072	18.73	0.075



EN-DC_71A-N66				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch. / Freq.		Middle Ch. / Freq.		High Ch. / Freq.	
Channel				344000		349000		354000	
Frequency (MHz)				1720		1745		1770	
				dBm	W	dBm	W	dBm	W
20	CP-OFDM PI/2 BPSK	1	1	21.03	0.127	20.63	0.116	21.96	0.157
20		1	53	21.43	0.139	20.71	0.118	21.21	0.132
20		1	104	20.80	0.120	20.46	0.111	21.65	0.146
20		50	1	20.43	0.110	20.39	0.109	21.75	0.150
20		50	25	22.05	0.160	21.94	0.156	21.45	0.140
20		50	50	21.77	0.150	20.97	0.125	20.18	0.104
20		100	0	20.18	0.104	19.31	0.085	20.22	0.105
20	CP-OFDM QPSK	1	1	20.48	0.112	20.48	0.112	20.56	0.114
20		1	53	20.71	0.118	20.70	0.117	21.02	0.126
20		1	104	21.25	0.133	21.38	0.137	20.56	0.114
20		50	1	21.44	0.139	21.70	0.148	22.07	0.161
20		50	25	21.65	0.146	21.50	0.141	21.66	0.147
20		50	50	21.06	0.128	20.36	0.109	20.64	0.116
20		100	0	21.11	0.129	20.26	0.106	20.94	0.124
20	CP-OFDM 16QAM	1	1	19.91	0.098	19.88	0.097	19.98	0.100
20		1	53	18.92	0.078	18.88	0.077	18.98	0.079
20		1	104	19.82	0.096	19.80	0.095	19.91	0.098
20		50	1	22.46	0.176	22.41	0.174	22.74	0.188
20		50	25	21.12	0.129	21.22	0.132	21.02	0.126
20		50	50	21.94	0.156	22.49	0.177	22.73	0.187
20		100	0	21.93	0.156	22.52	0.179	22.82	0.191
20	CP-OFDM 64QAM	1	1	18.61	0.073	19.03	0.080	18.58	0.072
20		1	53	19.25	0.084	18.96	0.079	18.67	0.074
20		1	104	20.35	0.108	20.42	0.110	20.32	0.108
20		50	1	20.18	0.104	20.11	0.103	20.30	0.107
20		50	25	20.19	0.104	20.57	0.114	20.52	0.113
20		50	50	21.09	0.129	21.23	0.133	20.38	0.109
20		100	0	20.11	0.103	20.04	0.101	19.24	0.084
20	CP-OFDM 256QAM	1	1	18.97	0.079	18.50	0.071	18.81	0.076
20		1	53	18.21	0.066	18.99	0.079	18.98	0.079
20		1	104	18.98	0.079	18.46	0.070	18.30	0.068



20		50	1	16.95	0.050	16.13	0.041	17.08	0.051
20		50	25	16.38	0.043	16.43	0.044	16.48	0.044
20		50	50	17.06	0.051	16.98	0.050	17.05	0.051
20		100	0	16.89	0.049	16.87	0.049	16.70	0.047
Channel				343500		349000		354500	
Frequency (MHz)				1717.5		1745		1772.5	
				dBm	W	dBm	W	dBm	W
15	CP-OFDM PI/2 BPSK	1	1	20.43	0.110	20.03	0.101	21.36	0.137
15		1	39	20.83	0.121	20.11	0.103	20.61	0.115
15		1	77	20.20	0.105	19.86	0.097	21.05	0.127
15		36	1	19.83	0.096	19.79	0.095	21.15	0.130
15		36	18	21.45	0.140	21.34	0.136	20.85	0.122
15		36	36	21.17	0.131	20.37	0.109	19.58	0.091
15		75	0	19.58	0.091	18.71	0.074	19.62	0.092
15	CP-OFDM QPSK	1	1	19.88	0.097	19.88	0.097	19.96	0.099
15		1	39	20.11	0.103	20.10	0.102	20.42	0.110
15		1	77	20.65	0.116	20.78	0.120	19.96	0.099
15		36	1	20.84	0.121	21.10	0.129	21.47	0.140
15		36	18	21.05	0.127	20.90	0.123	21.06	0.128
15		36	36	20.46	0.111	19.76	0.095	20.04	0.101
15		75	0	20.51	0.112	19.66	0.092	20.34	0.108
15	CP-OFDM 16QAM	1	1	19.31	0.085	19.28	0.085	19.38	0.087
15		1	39	18.32	0.068	18.28	0.067	18.38	0.069
15		1	77	19.22	0.084	19.20	0.083	19.31	0.085
15		36	1	21.86	0.153	21.81	0.152	21.90	0.155
15		36	18	20.52	0.113	20.62	0.115	20.42	0.110
15		36	36	21.34	0.136	21.89	0.155	21.70	0.148
15		75	0	21.33	0.136	21.92	0.156	21.70	0.148
15	CP-OFDM 64QAM	1	1	18.01	0.063	18.43	0.070	17.98	0.063
15		1	39	18.65	0.073	18.36	0.069	18.07	0.064
15		1	77	17.75	0.060	17.82	0.061	17.73	0.059
15		36	1	19.58	0.091	19.51	0.089	19.70	0.093
15		36	18	19.59	0.091	19.97	0.099	19.92	0.098
15		36	36	20.49	0.112	20.63	0.116	19.78	0.095
15		75	0	19.51	0.089	19.44	0.088	18.64	0.073
15	CP-OFDM 256QAM	1	1	18.37	0.069	17.90	0.062	18.21	0.066
15		1	39	17.61	0.058	18.39	0.069	18.38	0.069
15		1	77	18.38	0.069	17.86	0.061	17.70	0.059



15		36	1	16.35	0.043	15.53	0.036	16.48	0.044
15		36	18	15.78	0.038	15.83	0.038	15.88	0.039
15		36	36	16.46	0.044	16.38	0.043	16.45	0.044
15		75	0	16.29	0.043	16.27	0.042	16.10	0.041
Channel				342500		34900		355500	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
10	CP-OFDM PI/2 BPSK	1	1	20.03	0.101	19.63	0.092	20.96	0.125
10		1	25	20.43	0.110	19.71	0.094	20.21	0.105
10		1	50	19.80	0.095	19.46	0.088	20.65	0.116
10		25	1	19.43	0.088	19.39	0.087	20.75	0.119
10		25	12	21.05	0.127	20.94	0.124	20.45	0.111
10		25	24	20.77	0.119	19.97	0.099	19.18	0.083
10		50	0	19.18	0.083	18.31	0.068	19.22	0.084
10	CP-OFDM QPSK	1	1	19.48	0.089	19.48	0.089	19.56	0.090
10		1	25	19.71	0.094	19.70	0.093	20.02	0.100
10		1	50	20.25	0.106	20.38	0.109	19.56	0.090
10		25	1	20.44	0.111	20.70	0.117	21.07	0.128
10		25	12	20.65	0.116	20.50	0.112	20.66	0.116
10		25	24	20.06	0.101	19.36	0.086	19.64	0.092
10		50	0	20.11	0.103	19.26	0.084	19.94	0.099
10	CP-OFDM 16QAM	1	1	18.91	0.078	18.88	0.077	18.98	0.079
10		1	25	17.92	0.062	17.88	0.061	17.98	0.063
10		1	50	18.82	0.076	18.80	0.076	18.91	0.078
10		25	1	21.46	0.140	21.41	0.138	21.74	0.149
10		25	12	20.12	0.103	20.22	0.105	20.02	0.100
10		25	24	20.94	0.124	21.49	0.141	21.73	0.149
10		50	0	20.93	0.124	21.52	0.142	21.82	0.152
10	CP-OFDM 64QAM	1	1	17.61	0.058	18.03	0.064	17.58	0.057
10		1	25	18.25	0.067	17.96	0.063	17.67	0.058
10		1	50	19.35	0.086	19.42	0.087	19.32	0.086
10		25	1	19.18	0.083	19.11	0.081	19.30	0.085
10		25	12	19.19	0.083	19.57	0.091	19.52	0.090
10		25	24	20.09	0.102	20.23	0.105	19.38	0.087
10		50	0	19.11	0.081	19.04	0.080	18.24	0.067
10	CP-OFDM 256QAM	1	1	17.97	0.063	17.50	0.056	17.81	0.060
10		1	25	17.21	0.053	17.99	0.063	17.98	0.063
10		1	50	17.98	0.063	17.46	0.056	17.30	0.054



10		25	1	15.95	0.039	15.13	0.033	16.08	0.041
10		25	12	15.38	0.035	15.43	0.035	15.48	0.035
10		25	24	16.06	0.040	15.98	0.040	16.05	0.040
10		50	0	15.89	0.039	15.87	0.039	15.70	0.037
Channel				343000		349000		355000	
Frequency (MHz)				1712.5		1745		1777.5	
				dBm	W	dBm	W	dBm	W
5	CP-OFDM PI/2 BPSK	1	1	19.79	0.095	19.39	0.087	20.72	0.118
5		1	12	20.19	0.104	19.47	0.089	19.97	0.099
5		1	23	19.56	0.090	19.22	0.084	20.41	0.110
5		12	1	19.19	0.083	19.15	0.082	20.51	0.112
5		12	6	20.81	0.121	20.70	0.117	20.21	0.105
5		12	12	20.53	0.113	19.73	0.094	18.94	0.078
5		25	0	18.94	0.078	18.07	0.064	18.98	0.079
5	CP-OFDM QPSK	1	1	19.24	0.084	19.24	0.084	19.32	0.086
5		1	12	19.47	0.089	19.46	0.088	19.78	0.095
5		1	23	20.01	0.100	20.14	0.103	19.32	0.086
5		12	1	20.20	0.105	20.46	0.111	20.83	0.121
5		12	6	20.41	0.110	20.26	0.106	20.42	0.110
5		12	12	19.82	0.096	19.12	0.082	19.40	0.087
5		25	0	19.87	0.097	19.02	0.080	19.70	0.093
5	CP-OFDM 16QAM	1	1	18.67	0.074	18.64	0.073	18.74	0.075
5		1	12	17.68	0.059	17.64	0.058	17.74	0.059
5		1	23	18.58	0.072	18.56	0.072	18.67	0.074
5		12	1	21.22	0.132	21.17	0.131	21.50	0.141
5		12	6	19.88	0.097	19.98	0.100	19.78	0.095
5		12	12	20.70	0.117	21.25	0.133	21.49	0.141
5		25	0	20.69	0.117	21.28	0.134	21.58	0.144
5	CP-OFDM 64QAM	1	1	17.37	0.055	17.79	0.060	17.34	0.054
5		1	12	18.01	0.063	17.72	0.059	17.43	0.055
5		1	23	19.11	0.081	19.18	0.083	19.08	0.081
5		12	1	18.94	0.078	18.87	0.077	19.06	0.081
5		12	6	18.95	0.079	19.33	0.086	19.28	0.085
5		12	12	19.85	0.097	19.99	0.100	19.14	0.082
5		25	0	18.87	0.077	18.80	0.076	18.00	0.063
5	CP-OFDM 256QAM	1	1	17.73	0.059	17.26	0.053	17.57	0.057
5		1	12	16.97	0.050	17.75	0.060	17.74	0.059
5		1	23	17.74	0.059	17.22	0.053	17.06	0.051



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5		12	1	15.71	0.037	14.89	0.031	15.84	0.038
5		12	6	15.14	0.033	15.19	0.033	15.24	0.033
5		12	12	15.82	0.038	15.74	0.037	15.81	0.038
5		25	0	15.65	0.037	15.63	0.037	15.46	0.035



EN-DC_66A-N71				Measured ERP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel		Middle Channel		High Channel	
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	15.39	0.035	14.76	0.030	14.77	0.030
20		1	53	15.57	0.036	15.73	0.037	15.71	0.037
20		1	104	15.55	0.036	14.81	0.030	15.56	0.036
20		50	1	15.36	0.034	15.77	0.038	15.28	0.034
20		50	25	15.08	0.032	14.96	0.031	14.92	0.031
20		50	50	15.39	0.035	15.81	0.038	15.58	0.036
20		100	0	15.49	0.035	15.84	0.038	15.62	0.036
20	DFT-s-OFDM QPSK	1	1	16.45	0.044	16.64	0.046	16.81	0.048
20		1	53	15.59	0.036	15.61	0.036	15.68	0.037
20		1	104	14.63	0.029	14.64	0.029	15.45	0.035
20		50	1	15.39	0.035	15.68	0.037	15.23	0.033
20		50	25	15.61	0.036	15.59	0.036	15.79	0.038
20		50	50	15.38	0.035	15.63	0.037	15.75	0.038
20		100	0	15.48	0.035	15.76	0.038	15.63	0.037
20	DFT-s-OFDM 16QAM	1	1	14.68	0.029	14.68	0.029	14.74	0.030
20		1	53	15.61	0.036	15.67	0.037	15.23	0.033
20		1	104	14.57	0.029	14.57	0.029	14.61	0.029
20		50	1	15.50	0.035	15.83	0.038	15.45	0.035
20		50	25	15.61	0.036	14.51	0.028	14.93	0.031
20		50	50	15.38	0.035	15.98	0.040	15.14	0.033
20		100	0	15.70	0.037	15.74	0.037	15.26	0.034
20	DFT-s-OFDM 64QAM	1	1	14.64	0.029	14.84	0.030	15.28	0.034
20		1	53	15.76	0.038	15.98	0.040	16.29	0.043
20		1	104	15.18	0.033	14.81	0.030	15.53	0.036
20		50	1	15.52	0.036	15.59	0.036	15.19	0.033
20		50	25	15.52	0.036	14.82	0.030	15.59	0.036
20		50	50	15.44	0.035	15.92	0.039	15.38	0.035
20		100	0	15.42	0.035	15.87	0.039	15.09	0.032
20	DFT-s-OFDM 256QAM	1	1	14.09	0.026	14.17	0.026	14.96	0.031
20		1	53	15.60	0.036	15.71	0.037	15.25	0.033
20		1	104	14.29	0.027	15.04	0.032	14.28	0.027



20		50	1	15.64	0.037	15.72	0.037	15.44	0.035
20		50	25	15.56	0.036	14.87	0.031	15.52	0.036
20		50	50	16.48	0.044	16.52	0.045	16.69	0.047
20		100	0	15.64	0.037	16.04	0.040	15.44	0.035
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	16.23	0.042	16.26	0.042	16.24	0.042
15		1	39	15.57	0.036	15.93	0.039	15.24	0.033
15		1	77	15.51	0.036	15.54	0.036	15.54	0.036
15		36	1	15.57	0.036	15.71	0.037	15.25	0.033
15		36	18	15.95	0.039	15.97	0.040	16.00	0.040
15		36	36	16.81	0.048	16.80	0.048	16.76	0.047
15		75	0	16.63	0.046	15.81	0.038	15.75	0.038
15	DFT-s-OFDM QPSK	1	1	16.23	0.042	16.27	0.042	16.21	0.042
15		1	39	15.63	0.037	15.62	0.036	15.50	0.035
15		1	77	15.45	0.035	15.43	0.035	15.51	0.036
15		36	1	15.53	0.036	15.86	0.039	15.28	0.034
15		36	18	16.01	0.040	16.02	0.040	16.03	0.040
15		36	36	15.55	0.036	15.86	0.039	15.01	0.032
15		75	0	15.54	0.036	15.76	0.038	15.23	0.033
15	DFT-s-OFDM 16QAM	1	1	16.33	0.043	16.43	0.044	16.40	0.044
15		1	39	16.63	0.046	16.64	0.046	16.67	0.046
15		1	77	15.66	0.037	15.56	0.036	15.69	0.037
15		36	1	16.50	0.045	16.44	0.044	16.56	0.045
15		36	18	15.99	0.040	16.03	0.040	16.02	0.040
15		36	36	16.26	0.042	16.67	0.046	16.53	0.045
15		75	0	16.38	0.043	16.75	0.047	16.39	0.044
15	DFT-s-OFDM 64QAM	1	1	16.65	0.046	16.19	0.042	16.67	0.046
15		1	39	16.42	0.044	16.75	0.047	16.43	0.044
15		1	77	16.13	0.041	15.63	0.037	16.15	0.041
15		36	1	15.54	0.036	15.70	0.037	15.68	0.037
15		36	18	16.05	0.040	16.10	0.041	16.07	0.040
15		36	36	15.33	0.034	15.74	0.037	15.25	0.033
15		75	0	15.36	0.034	15.78	0.038	15.55	0.036
15	DFT-s-OFDM 256QAM	1	1	15.97	0.040	15.90	0.039	15.92	0.039
15		1	39	15.46	0.035	15.81	0.038	15.59	0.036
15		1	77	15.29	0.034	15.18	0.033	15.23	0.033



15		36	1	15.56	0.036	15.58	0.036	15.65	0.037
15		36	18	15.93	0.039	15.97	0.040	15.92	0.039
15		36	36	16.56	0.045	15.86	0.039	15.99	0.040
15		75	0	15.36	0.034	15.65	0.037	15.20	0.033
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	16.20	0.042	16.31	0.043	16.20	0.042
10		1	25	15.35	0.034	15.80	0.038	15.56	0.036
10		1	50	15.72	0.037	15.79	0.038	15.90	0.039
10		25	1	15.45	0.035	15.73	0.037	15.60	0.036
10		25	12	16.12	0.041	16.08	0.041	16.20	0.042
10		25	24	16.47	0.044	16.41	0.044	16.53	0.045
10		50	0	16.23	0.042	16.64	0.046	16.50	0.045
10	DFT-s-OFDM QPSK	1	1	16.19	0.042	16.27	0.042	16.15	0.041
10		1	25	16.35	0.043	16.72	0.047	16.36	0.043
10		1	50	15.83	0.038	15.74	0.037	15.88	0.039
10		25	1	15.51	0.036	15.67	0.037	15.65	0.037
10		25	12	16.15	0.041	16.04	0.040	16.16	0.041
10		25	24	15.30	0.034	15.71	0.037	15.22	0.033
10		50	0	15.33	0.034	15.75	0.038	15.52	0.036
10	DFT-s-OFDM 16QAM	1	1	16.33	0.043	16.38	0.043	16.37	0.043
10		1	25	15.43	0.035	15.78	0.038	15.56	0.036
10		1	50	15.97	0.040	15.86	0.039	15.91	0.039
10		25	1	16.32	0.043	15.93	0.039	16.42	0.044
10		25	12	16.17	0.041	16.11	0.041	16.15	0.041
10		25	24	16.53	0.045	16.53	0.045	15.96	0.039
10		50	0	16.71	0.047	15.94	0.039	16.43	0.044
10	DFT-s-OFDM 64QAM	1	1	16.57	0.045	16.35	0.043	16.60	0.046
10		1	25	16.36	0.043	16.69	0.047	16.37	0.043
10		1	50	15.99	0.040	15.70	0.037	16.00	0.040
10		25	1	16.32	0.043	16.69	0.047	16.33	0.043
10		25	12	16.03	0.040	16.02	0.040	16.13	0.041
10		25	24	16.20	0.042	16.61	0.046	16.47	0.044
10		50	0	15.33	0.034	15.62	0.036	15.17	0.033
10	DFT-s-OFDM 256QAM	1	1	15.86	0.039	15.91	0.039	15.89	0.039
10		1	25	16.44	0.044	16.38	0.043	16.50	0.045
10		1	50	15.38	0.035	15.30	0.034	15.50	0.035



10		25	1	15.53	0.036	15.55	0.036	15.62	0.036
10		25	12	16.09	0.041	16.05	0.040	16.11	0.041
10		25	24	15.91	0.039	16.18	0.041	15.84	0.038
10		50	0	15.42	0.035	15.70	0.037	15.57	0.036
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	16.22	0.042	16.24	0.042	16.21	0.042
5		1	12	16.27	0.042	16.73	0.047	16.61	0.046
5		1	23	16.08	0.041	16.13	0.041	16.12	0.041
5		12	1	15.48	0.035	15.64	0.037	15.62	0.036
5		12	6	16.24	0.042	16.25	0.042	16.20	0.042
5		12	12	15.27	0.034	15.68	0.037	15.19	0.033
5		25	0	15.32	0.034	15.77	0.038	15.53	0.036
5	DFT-s-OFDM QPSK	1	1	16.15	0.041	16.20	0.042	16.16	0.041
5		1	12	15.30	0.034	15.72	0.037	15.49	0.035
5		1	23	16.02	0.040	16.05	0.040	16.04	0.040
5		12	1	16.68	0.047	16.70	0.047	16.69	0.047
5		12	6	16.20	0.042	16.25	0.042	16.14	0.041
5		12	12	16.49	0.045	16.40	0.044	16.39	0.044
5		25	0	16.50	0.045	16.40	0.044	15.93	0.039
5	DFT-s-OFDM 16QAM	1	1	16.37	0.043	16.30	0.043	16.28	0.042
5		1	12	15.50	0.035	15.52	0.036	15.59	0.036
5		1	23	16.36	0.043	16.21	0.042	16.27	0.042
5		12	1	15.30	0.034	15.59	0.036	15.14	0.033
5		12	6	16.21	0.042	16.21	0.042	16.19	0.042
5		12	12	15.29	0.034	15.74	0.037	15.50	0.035
5		25	0	15.39	0.035	15.67	0.037	15.54	0.036
5	DFT-s-OFDM 64QAM	1	1	16.60	0.046	16.62	0.046	16.60	0.046
5		1	12	16.55	0.045	16.07	0.040	16.30	0.043
5		1	23	16.07	0.040	16.10	0.041	16.08	0.041
5		12	1	16.46	0.044	16.15	0.041	16.11	0.041
5		12	6	16.36	0.043	16.37	0.043	16.35	0.043
5		12	12	16.65	0.046	16.54	0.045	16.35	0.043
5		25	0	16.64	0.046	16.36	0.043	16.30	0.043
5	DFT-s-OFDM 256QAM	1	1	15.87	0.039	15.88	0.039	15.88	0.039
5		1	12	16.53	0.045	16.14	0.041	16.36	0.043
5		1	23	15.71	0.037	15.72	0.037	15.72	0.037



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5		12	1	16.43	0.044	16.14	0.041	16.17	0.041
5		12	6	16.24	0.042	16.24	0.042	16.21	0.042
5		12	12	16.62	0.046	15.90	0.039	16.45	0.044
5		25	0	16.68	0.047	16.31	0.043	16.41	0.044



EN-DC_66A-N71				Measured ERP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel		Middle Channel		High Channel	
Channel				134600		136100		137600	
Frequency (MHz)				673		680.5		688	
				dBm	W	dBm	W	dBm	W
20	CP-OFDM PI/2 BPSK	1	1	16.31	0.043	16.45	0.044	16.00	0.040
20		1	53	16.80	0.048	16.79	0.048	16.76	0.047
20		1	104	15.96	0.039	16.45	0.044	16.35	0.043
20		50	1	16.41	0.044	16.40	0.044	16.33	0.043
20		50	25	16.39	0.044	16.46	0.044	16.36	0.043
20		50	50	16.43	0.044	15.88	0.039	15.89	0.039
20		100	0	16.14	0.041	16.14	0.041	16.12	0.041
20	CP-OFDM QPSK	1	1	15.52	0.036	15.66	0.037	15.51	0.036
20		1	53	16.37	0.043	16.05	0.040	16.06	0.040
20		1	104	14.51	0.028	15.38	0.035	15.34	0.034
20		50	1	16.28	0.042	16.07	0.040	16.33	0.043
20		50	25	15.49	0.035	14.84	0.030	14.81	0.030
20		50	50	16.25	0.042	16.22	0.042	16.27	0.042
20		100	0	16.23	0.042	16.11	0.041	16.18	0.041
20	CP-OFDM 16QAM	1	1	14.69	0.029	14.87	0.031	14.65	0.029
20		1	53	15.18	0.033	14.99	0.032	14.84	0.030
20		1	104	14.55	0.029	14.57	0.029	15.43	0.035
20		50	1	15.21	0.033	15.13	0.033	14.92	0.031
20		50	25	15.51	0.036	15.62	0.036	14.86	0.031
20		50	50	15.17	0.033	14.96	0.031	14.97	0.031
20		100	0	16.22	0.042	16.14	0.041	16.29	0.043
20	CP-OFDM 64QAM	1	1	15.54	0.036	15.41	0.035	15.56	0.036
20		1	53	14.19	0.026	13.93	0.025	13.87	0.024
20		1	104	15.47	0.035	15.22	0.033	14.98	0.031
20		50	1	14.08	0.026	13.92	0.025	14.04	0.025
20		50	25	15.56	0.036	15.60	0.036	14.88	0.031
20		50	50	14.15	0.026	14.11	0.026	13.88	0.024
20		100	0	14.24	0.027	13.94	0.025	13.89	0.024
20	CP-OFDM 256QAM	1	1	14.18	0.026	14.26	0.027	14.96	0.031
20		1	53	14.61	0.029	14.84	0.030	14.08	0.026
20		1	104	14.25	0.027	14.11	0.026	15.06	0.032



20		50	1	14.50	0.028	14.27	0.027	14.58	0.029
20		50	25	14.88	0.031	15.61	0.036	15.52	0.036
20		50	50	16.38	0.043	16.29	0.043	16.23	0.042
20		100	0	16.28	0.042	16.39	0.044	16.17	0.041
Channel				134100		136100		138100	
Frequency (MHz)				670.5		680.5		690.5	
				dBm	W	dBm	W	dBm	W
15	CP-OFDM PI/2 BPSK	1	1	16.10	0.041	16.33	0.043	16.26	0.042
15		1	39	16.03	0.040	16.31	0.043	16.24	0.042
15		1	77	16.21	0.042	16.24	0.042	16.44	0.044
15		36	1	16.05	0.040	16.17	0.041	16.20	0.042
15		36	18	16.13	0.041	16.16	0.041	16.26	0.042
15		36	36	16.15	0.041	16.33	0.043	16.23	0.042
15		75	0	16.21	0.042	16.08	0.041	16.27	0.042
15	CP-OFDM QPSK	1	1	16.25	0.042	16.40	0.044	16.37	0.043
15		1	39	16.43	0.044	16.33	0.043	16.33	0.043
15		1	77	15.61	0.036	15.44	0.035	15.42	0.035
15		36	1	16.34	0.043	16.28	0.042	16.31	0.043
15		36	18	16.12	0.041	16.20	0.042	16.15	0.041
15		36	36	16.19	0.042	16.21	0.042	16.29	0.043
15		75	0	16.45	0.044	16.73	0.047	16.51	0.045
15	CP-OFDM 16QAM	1	1	16.40	0.044	16.37	0.043	16.40	0.044
15		1	39	16.00	0.040	16.36	0.043	16.23	0.042
15		1	77	15.55	0.036	15.48	0.035	15.58	0.036
15		36	1	16.25	0.042	16.09	0.041	16.23	0.042
15		36	18	16.17	0.041	16.20	0.042	16.18	0.041
15		36	36	16.14	0.041	16.24	0.042	16.27	0.042
15		75	0	16.13	0.041	16.32	0.043	16.27	0.042
15	CP-OFDM 64QAM	1	1	16.23	0.042	16.19	0.042	16.24	0.042
15		1	39	15.98	0.040	15.95	0.039	15.77	0.038
15		1	77	15.48	0.035	15.37	0.034	15.46	0.035
15		36	1	16.14	0.041	16.11	0.041	16.04	0.040
15		36	18	16.13	0.041	16.12	0.041	16.15	0.041
15		36	36	15.74	0.037	15.90	0.039	15.85	0.038
15		75	0	15.69	0.037	15.86	0.039	15.75	0.038
15	CP-OFDM 256QAM	1	1	15.95	0.039	16.01	0.040	15.95	0.039
15		1	39	16.00	0.040	16.00	0.040	14.90	0.031
15		1	77	15.26	0.034	15.19	0.033	15.21	0.033



15		36	1	15.65	0.037	16.73	0.047	15.94	0.039
15		36	18	16.08	0.041	16.10	0.041	16.08	0.041
15		36	36	15.78	0.038	15.71	0.037	15.72	0.037
15		75	0	15.78	0.038	15.85	0.038	15.87	0.039
Channel				133600		136100		138600	
Frequency (MHz)				668		680.5		693	
				dBm	W	dBm	W	dBm	W
10	CP-OFDM PI/2 BPSK	1	1	16.76	0.047	16.39	0.044	16.80	0.048
10		1	25	15.88	0.039	16.42	0.044	15.91	0.039
10		1	50	15.11	0.032	15.93	0.039	16.02	0.040
10		25	1	16.14	0.041	16.43	0.044	16.07	0.040
10		25	12	16.54	0.045	16.12	0.041	15.56	0.036
10		25	24	16.20	0.042	16.19	0.042	16.23	0.042
10		50	0	15.80	0.038	15.83	0.038	15.87	0.039
10	CP-OFDM QPSK	1	1	16.21	0.042	16.35	0.043	16.23	0.042
10		1	25	15.93	0.039	15.92	0.039	15.87	0.039
10		1	50	16.03	0.040	15.90	0.039	15.88	0.039
10		25	1	15.50	0.035	15.34	0.034	15.51	0.036
10		25	12	16.03	0.040	16.01	0.040	16.06	0.040
10		25	24	15.49	0.035	15.49	0.035	15.50	0.035
10		50	0	16.08	0.041	16.72	0.047	16.65	0.046
10	CP-OFDM 16QAM	1	1	16.39	0.044	16.29	0.043	16.32	0.043
10		1	25	15.65	0.037	15.41	0.035	15.60	0.036
10		1	50	15.96	0.039	15.82	0.038	15.89	0.039
10		25	1	16.61	0.046	16.18	0.041	16.18	0.041
10		25	12	16.14	0.041	15.98	0.040	16.07	0.040
10		25	24	16.48	0.044	16.35	0.043	16.59	0.046
10		50	0	15.57	0.036	15.32	0.034	15.44	0.035
10	CP-OFDM 64QAM	1	1	16.11	0.041	16.12	0.041	14.29	0.027
10		1	25	16.62	0.046	16.41	0.044	16.59	0.046
10		1	50	15.72	0.037	15.66	0.037	15.82	0.038
10		25	1	15.56	0.036	15.51	0.036	15.60	0.036
10		25	12	16.07	0.040	15.99	0.040	16.09	0.041
10		25	24	15.59	0.036	15.45	0.035	15.47	0.035
10		50	0	15.48	0.035	15.41	0.035	15.53	0.036
10	CP-OFDM 256QAM	1	1	15.93	0.039	15.99	0.040	15.94	0.039
10		1	25	15.75	0.038	15.46	0.035	15.44	0.035
10		1	50	15.48	0.035	15.44	0.035	15.40	0.035



10		25	1	15.55	0.036	15.38	0.035	15.54	0.036
10		25	12	16.04	0.040	15.99	0.040	16.11	0.041
10		25	24	15.70	0.037	15.45	0.035	15.63	0.037
10		50	0	15.54	0.036	15.53	0.036	15.53	0.036
Channel				133100		136100		139100	
Frequency (MHz)				665.5		680.5		695.5	
				dBm	W	dBm	W	dBm	W
5	CP-OFDM PI/2 BPSK	1	1	16.71	0.047	16.30	0.043	16.59	0.046
5		1	12	16.74	0.047	16.35	0.043	16.44	0.044
5		1	23	16.45	0.044	16.39	0.044	16.65	0.046
5		12	1	16.57	0.045	16.39	0.044	16.54	0.045
5		12	6	16.62	0.046	16.77	0.048	16.72	0.047
5		12	12	16.42	0.044	16.53	0.045	16.71	0.047
5		25	0	16.57	0.045	16.63	0.046	16.72	0.047
5	CP-OFDM QPSK	1	1	16.44	0.044	16.26	0.042	16.44	0.044
5		1	12	15.62	0.036	15.36	0.034	15.47	0.035
5		1	23	16.13	0.041	16.15	0.041	16.28	0.042
5		12	1	16.53	0.045	16.39	0.044	16.62	0.046
5		12	6	16.10	0.041	16.22	0.042	16.22	0.042
5		12	12	16.66	0.046	16.22	0.042	16.21	0.042
5		25	0	15.61	0.036	15.55	0.036	15.63	0.037
5	CP-OFDM 16QAM	1	1	16.32	0.043	16.34	0.043	16.34	0.043
5		1	12	16.67	0.046	16.45	0.044	16.62	0.046
5		1	23	16.21	0.042	16.22	0.042	16.22	0.042
5		12	1	15.80	0.038	15.50	0.035	15.47	0.035
5		12	6	16.15	0.041	16.16	0.041	16.18	0.041
5		12	12	15.64	0.037	15.49	0.035	15.50	0.035
5		25	0	15.53	0.036	15.45	0.035	15.56	0.036
5	DFT-s-OFDM 64QAM	1	1	16.15	0.041	16.16	0.041	16.14	0.041
5		1	12	16.47	0.044	16.57	0.045	16.44	0.044
5		1	23	15.97	0.040	15.98	0.040	16.06	0.040
5		12	1	16.09	0.041	16.10	0.041	16.26	0.042
5		12	6	16.22	0.042	16.23	0.042	16.22	0.042
5		12	12	16.48	0.044	16.17	0.041	16.13	0.041
5		25	0	15.90	0.039	16.09	0.041	16.32	0.043
5	CP-OFDM 256QAM	1	1	15.94	0.039	15.96	0.039	15.86	0.039
5		1	12	16.46	0.044	16.64	0.046	16.62	0.046
5		1	23	15.79	0.038	15.83	0.038	15.80	0.038



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5		12	1	16.59	0.046	16.34	0.043	16.47	0.044
5		12	6	16.28	0.042	16.27	0.042	16.25	0.042
5		12	12	16.50	0.045	16.43	0.044	16.68	0.047
5		25	0	16.62	0.046	16.43	0.044	16.57	0.045



EN-DC_66A-N2				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel		Middle Channel		High Channel	
Channel				388000		392000		396000	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	DFT-s-OFDM PI/2 BPSK	1	1	20.87	0.122	20.90	0.123	20.83	0.121
20		1	53	20.74	0.119	21.12	0.129	20.61	0.115
20		1	104	20.85	0.122	20.19	0.104	20.86	0.122
20		50	1	21.07	0.128	21.05	0.127	20.60	0.115
20		50	25	20.76	0.119	20.73	0.118	20.70	0.117
20		50	50	21.01	0.126	21.08	0.128	20.71	0.118
20		100	0	21.18	0.131	21.08	0.128	21.06	0.128
20	DFT-s-OFDM QPSK	1	1	20.80	0.120	20.79	0.120	21.05	0.127
20		1	53	20.61	0.115	21.07	0.128	21.05	0.127
20		1	104	20.85	0.122	20.33	0.108	20.71	0.118
20		50	1	21.01	0.126	21.45	0.140	21.04	0.127
20		50	25	20.69	0.117	20.70	0.117	20.74	0.119
20		50	50	21.29	0.135	21.07	0.128	21.15	0.130
20		100	0	21.37	0.137	21.00	0.126	21.54	0.143
20	DFT-s-OFDM 16QAM	1	1	20.80	0.120	20.61	0.115	20.85	0.122
20		1	53	20.56	0.114	20.05	0.101	19.74	0.094
20		1	104	20.12	0.103	19.82	0.096	20.27	0.106
20		50	1	20.07	0.102	19.96	0.099	20.08	0.102
20		50	25	20.09	0.102	20.13	0.103	20.17	0.104
20		50	50	19.96	0.099	20.08	0.102	19.71	0.094
20		100	0	20.85	0.122	20.56	0.114	20.70	0.117
20	DFT-s-OFDM 64QAM	1	1	20.66	0.116	19.39	0.087	20.77	0.119
20		1	53	20.45	0.111	20.07	0.102	20.26	0.106
20		1	104	19.51	0.089	19.08	0.081	19.64	0.092
20		50	1	19.56	0.090	19.18	0.083	18.96	0.079
20		50	25	18.75	0.075	18.78	0.076	18.70	0.074
20		50	50	18.85	0.077	18.93	0.078	19.07	0.081
20		100	0	18.45	0.070	18.07	0.064	18.29	0.067
20	DFT-s-OFDM 256QAM	1	1	16.83	0.048	16.84	0.048	17.01	0.050
20		1	53	16.91	0.049	17.14	0.052	17.02	0.050
20		1	104	16.81	0.048	16.74	0.047	16.63	0.046



20		50	1	17.18	0.052	17.03	0.050	16.96	0.050
20		50	25	17.14	0.052	17.24	0.053	17.13	0.052
20		50	50	17.07	0.051	16.29	0.043	16.56	0.045
20		100	0	16.06	0.040	16.56	0.045	16.92	0.049
Channel				387500		392000		396500	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	DFT-s-OFDM PI/2 BPSK	1	1	20.37	0.109	20.40	0.110	20.33	0.108
15		1	39	20.24	0.106	20.62	0.115	20.11	0.103
15		1	77	20.35	0.108	19.69	0.093	20.36	0.109
15		36	1	20.57	0.114	20.55	0.114	20.10	0.102
15		36	18	20.26	0.106	20.23	0.105	20.20	0.105
15		36	36	20.51	0.112	20.58	0.114	20.21	0.105
15		75	0	20.68	0.117	20.58	0.114	20.56	0.114
15	DFT-s-OFDM QPSK	1	1	20.30	0.107	20.29	0.107	20.55	0.114
15		1	39	20.11	0.103	20.57	0.114	20.55	0.114
15		1	77	20.35	0.108	19.83	0.096	20.21	0.105
15		36	1	20.51	0.112	20.95	0.124	20.54	0.113
15		36	18	20.19	0.104	20.20	0.105	20.24	0.106
15		36	36	20.79	0.120	20.57	0.114	20.65	0.116
15		75	0	20.87	0.122	20.50	0.112	21.04	0.127
15	DFT-s-OFDM 16QAM	1	1	20.30	0.107	20.11	0.103	20.35	0.108
15		1	39	20.06	0.101	19.55	0.090	19.24	0.084
15		1	77	19.62	0.092	19.32	0.086	19.77	0.095
15		36	1	19.57	0.091	19.46	0.088	19.58	0.091
15		36	18	19.59	0.091	19.63	0.092	19.67	0.093
15		36	36	19.46	0.088	19.58	0.091	19.21	0.083
15		75	0	20.35	0.108	20.06	0.101	20.20	0.105
15	DFT-s-OFDM 64QAM	1	1	20.16	0.104	18.89	0.077	20.27	0.106
15		1	39	19.95	0.099	19.57	0.091	19.76	0.095
15		1	77	19.01	0.080	18.58	0.072	19.14	0.082
15		36	1	19.06	0.081	18.68	0.074	18.46	0.070
15		36	18	18.25	0.067	18.28	0.067	18.20	0.066
15		36	36	18.35	0.068	18.43	0.070	18.57	0.072
15		75	0	17.95	0.062	17.57	0.057	17.79	0.060
15	DFT-s-OFDM 256QAM	1	1	16.33	0.043	16.34	0.043	16.51	0.045
15		1	39	16.41	0.044	16.64	0.046	16.52	0.045
15		1	77	16.31	0.043	16.24	0.042	16.13	0.041



15		36	1	16.68	0.047	16.53	0.045	16.46	0.044
15		36	18	16.64	0.046	16.74	0.047	16.63	0.046
15		36	36	16.57	0.045	15.79	0.038	16.06	0.040
15		75	0	15.56	0.036	16.06	0.040	16.42	0.044
Channel				387000		392000		397000	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	DFT-s-OFDM PI/2 BPSK	1	1	20.07	0.102	20.10	0.102	20.03	0.101
10		1	25	19.94	0.099	20.32	0.108	19.81	0.096
10		1	50	20.05	0.101	19.39	0.087	20.06	0.101
10		25	1	20.27	0.106	20.25	0.106	19.80	0.095
10		25	12	19.96	0.099	19.93	0.098	19.90	0.098
10		25	24	20.21	0.105	20.28	0.107	19.91	0.098
10		50	0	20.38	0.109	20.28	0.107	20.26	0.106
10	DFT-s-OFDM QPSK	1	1	20.00	0.100	19.99	0.100	20.25	0.106
10		1	25	19.81	0.096	20.27	0.106	20.25	0.106
10		1	50	20.05	0.101	19.53	0.090	19.91	0.098
10		25	1	20.21	0.105	22.70	0.186	20.24	0.106
10		25	12	19.89	0.097	19.90	0.098	19.94	0.099
10		25	24	20.49	0.112	20.27	0.106	20.35	0.108
10		50	0	20.57	0.114	20.20	0.105	22.65	0.184
10	DFT-s-OFDM 16QAM	1	1	20.00	0.100	19.81	0.096	20.05	0.101
10		1	25	19.76	0.095	19.25	0.084	18.94	0.078
10		1	50	19.32	0.086	19.02	0.080	19.47	0.089
10		25	1	19.27	0.085	19.16	0.082	19.28	0.085
10		25	12	19.29	0.085	19.33	0.086	19.37	0.086
10		25	24	19.16	0.082	19.28	0.085	18.91	0.078
10		50	0	20.05	0.101	19.76	0.095	19.90	0.098
10	DFT-s-OFDM 64QAM	1	1	19.86	0.097	18.59	0.072	19.97	0.099
10		1	25	19.65	0.092	19.27	0.085	19.46	0.088
10		1	50	18.71	0.074	18.28	0.067	18.84	0.077
10		25	1	18.76	0.075	18.38	0.069	18.16	0.065
10		25	12	17.95	0.062	17.98	0.063	17.90	0.062
10		25	24	18.05	0.064	18.13	0.065	18.27	0.067
10		50	0	17.65	0.058	17.27	0.053	17.49	0.056
10	DFT-s-OFDM 256QAM	1	1	16.03	0.040	16.04	0.040	16.21	0.042
10		1	25	16.11	0.041	16.34	0.043	16.22	0.042
10		1	50	16.01	0.040	15.94	0.039	15.83	0.038



10		25	1	16.38	0.043	16.23	0.042	16.16	0.041
10		25	12	16.34	0.043	16.44	0.044	16.33	0.043
10		25	24	16.27	0.042	15.49	0.035	15.76	0.038
10		50	0	15.26	0.034	15.76	0.038	16.12	0.041
Channel				386500		392000		397500	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	DFT-s-OFDM PI/2 BPSK	1	1	19.87	0.097	19.90	0.098	19.83	0.096
5		1	12	19.74	0.094	20.12	0.103	19.61	0.091
5		1	23	19.85	0.097	19.19	0.083	19.86	0.097
5		12	1	20.07	0.102	20.05	0.101	19.60	0.091
5		12	6	19.76	0.095	19.73	0.094	19.70	0.093
5		12	12	20.01	0.100	20.08	0.102	19.71	0.094
5		25	0	20.18	0.104	20.08	0.102	20.06	0.101
5	DFT-s-OFDM QPSK	1	1	19.80	0.095	19.79	0.095	20.05	0.101
5		1	12	19.61	0.091	20.07	0.102	20.05	0.101
5		1	23	19.85	0.097	19.33	0.086	19.71	0.094
5		12	1	20.01	0.100	20.45	0.111	20.04	0.101
5		12	6	19.69	0.093	19.70	0.093	19.74	0.094
5		12	12	20.29	0.107	20.07	0.102	20.15	0.104
5		25	0	20.37	0.109	20.00	0.100	20.54	0.113
5	DFT-s-OFDM 16QAM	1	1	19.80	0.095	19.61	0.091	19.85	0.097
5		1	12	19.56	0.090	19.05	0.080	18.74	0.075
5		1	23	19.12	0.082	18.82	0.076	19.27	0.085
5		12	1	19.07	0.081	18.96	0.079	19.08	0.081
5		12	6	19.09	0.081	19.13	0.082	19.17	0.083
5		12	12	18.96	0.079	19.08	0.081	18.71	0.074
5		25	0	19.85	0.097	19.56	0.090	19.70	0.093
5	DFT-s-OFDM 64QAM	1	1	19.66	0.092	18.39	0.069	21.17	0.131
5		1	12	19.45	0.088	19.07	0.081	19.26	0.084
5		1	23	18.51	0.071	18.08	0.064	18.64	0.073
5		12	1	18.56	0.072	18.18	0.066	17.96	0.063
5		12	6	17.75	0.060	17.78	0.060	17.70	0.059
5		12	12	17.85	0.061	17.93	0.062	18.07	0.064
5		25	0	17.45	0.056	17.07	0.051	17.29	0.054
5	DFT-s-OFDM 256QAM	1	1	15.83	0.038	15.84	0.038	16.01	0.040
5		1	12	15.91	0.039	16.14	0.041	16.02	0.040
5		1	23	15.81	0.038	15.74	0.037	15.63	0.037



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5		12	1	16.18	0.041	16.03	0.040	15.96	0.039
5		12	6	16.14	0.041	16.24	0.042	16.13	0.041
5		12	12	16.07	0.040	15.29	0.034	15.56	0.036
5		25	0	15.06	0.032	15.56	0.036	15.92	0.039



EN-DC_66A-N2				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel		Middle Channel		High Channel	
Channel				388000		392000		396000	
Frequency (MHz)				1860		1880		1900	
				dBm	W	dBm	W	dBm	W
20	CP-OFDM PI/2 BPSK	1	1	20.51	0.112	20.44	0.111	20.51	0.112
20		1	53	20.10	0.102	20.14	0.103	20.37	0.109
20		1	104	20.24	0.106	20.43	0.110	20.42	0.110
20		50	1	19.61	0.091	20.45	0.111	19.94	0.099
20		50	25	19.29	0.085	19.60	0.091	20.52	0.113
20		50	50	19.90	0.098	20.23	0.105	20.37	0.109
20		100	0	19.47	0.089	19.81	0.096	20.52	0.113
20	CP-OFDM QPSK	1	1	20.35	0.108	20.07	0.102	20.48	0.112
20		1	53	20.20	0.105	20.00	0.100	19.93	0.098
20		1	104	19.55	0.090	19.35	0.086	19.68	0.093
20		50	1	21.19	0.132	20.84	0.121	21.47	0.140
20		50	25	21.26	0.134	21.46	0.140	21.27	0.134
20		50	50	21.42	0.139	21.36	0.137	20.70	0.117
20		100	0	19.79	0.095	19.57	0.091	19.73	0.094
20	CP-OFDM 16QAM	1	1	19.77	0.095	19.43	0.088	19.95	0.099
20		1	53	19.93	0.098	19.99	0.100	20.39	0.109
20		1	104	18.91	0.078	18.66	0.073	19.09	0.081
20		50	1	18.84	0.077	18.16	0.065	18.05	0.064
20		50	25	19.07	0.081	19.10	0.081	19.11	0.081
20		50	50	19.51	0.089	19.58	0.091	19.48	0.089
20		100	0	21.59	0.144	19.96	0.099	21.51	0.142
20	CP-OFDM 64QAM	1	1	18.54	0.071	18.49	0.071	18.49	0.071
20		1	53	17.98	0.063	18.04	0.064	18.38	0.069
20		1	104	17.90	0.062	17.81	0.060	18.24	0.067
20		50	1	19.05	0.080	19.44	0.088	18.75	0.075
20		50	25	17.72	0.059	17.80	0.060	17.76	0.060
20		50	50	18.67	0.074	19.17	0.083	18.64	0.073
20		100	0	17.26	0.053	16.57	0.045	16.58	0.045
20	CP-OFDM 256QAM	1	1	17.04	0.051	16.15	0.041	16.03	0.040
20		1	53	17.37	0.055	15.98	0.040	16.96	0.050
20		1	104	16.00	0.040	16.91	0.049	16.91	0.049



20		50	1	16.36	0.043	16.46	0.044	15.87	0.039
20		50	25	15.21	0.033	15.22	0.033	15.18	0.033
20		50	50	15.32	0.034	15.00	0.032	15.08	0.032
20		100	0	16.11	0.041	16.41	0.044	16.21	0.042
Channel				387500		392000		396500	
Frequency (MHz)				1857.5		1880		1902.5	
				dBm	W	dBm	W	dBm	W
15	CP-OFDM PI/2 BPSK	1	1	20.16	0.104	20.09	0.102	20.16	0.104
15		1	39	19.75	0.094	19.79	0.095	20.02	0.100
15		1	77	19.89	0.097	20.08	0.102	20.07	0.102
15		36	1	19.26	0.084	20.10	0.102	19.59	0.091
15		36	18	18.94	0.078	19.25	0.084	20.17	0.104
15		36	36	19.55	0.090	19.88	0.097	20.02	0.100
15		75	0	19.12	0.082	19.46	0.088	20.17	0.104
15	CP-OFDM QPSK	1	1	20.00	0.100	19.72	0.094	20.13	0.103
15		1	39	19.85	0.097	19.65	0.092	19.58	0.091
15		1	77	19.20	0.083	19.00	0.079	19.33	0.086
15		36	1	20.84	0.121	20.49	0.112	21.12	0.129
15		36	18	20.91	0.123	21.11	0.129	20.92	0.124
15		36	36	21.07	0.128	21.01	0.126	20.35	0.108
15		75	0	19.44	0.088	19.22	0.084	19.38	0.087
15	CP-OFDM 16QAM	1	1	19.42	0.087	19.08	0.081	19.60	0.091
15		1	39	19.58	0.091	19.64	0.092	20.04	0.101
15		1	77	18.56	0.072	18.31	0.068	18.74	0.075
15		36	1	18.49	0.071	17.81	0.060	17.70	0.059
15		36	18	18.72	0.074	18.75	0.075	18.76	0.075
15		36	36	19.16	0.082	19.23	0.084	19.13	0.082
15		75	0	22.10	0.162	19.61	0.091	22.05	0.160
15	CP-OFDM 64QAM	1	1	18.19	0.066	18.14	0.065	18.14	0.065
15		1	39	17.63	0.058	17.69	0.059	18.03	0.064
15		1	77	17.55	0.057	17.46	0.056	17.89	0.062
15		36	1	18.70	0.074	19.09	0.081	18.40	0.069
15		36	18	17.37	0.055	17.45	0.056	17.41	0.055
15		36	36	18.32	0.068	18.82	0.076	18.29	0.067
15		75	0	16.91	0.049	16.22	0.042	16.23	0.042
15	CP-OFDM 256QAM	1	1	16.69	0.047	15.80	0.038	15.68	0.037
15		1	39	17.02	0.050	15.63	0.037	16.61	0.046
15		1	77	15.65	0.037	16.56	0.045	16.56	0.045



15		36	1	16.01	0.040	16.11	0.041	15.52	0.036
15		36	18	14.86	0.031	14.87	0.031	14.83	0.030
15		36	36	14.97	0.031	14.65	0.029	14.73	0.030
15		75	0	15.76	0.038	16.06	0.040	15.86	0.039
Channel				387000		392000		397000	
Frequency (MHz)				1855		1880		1905	
				dBm	W	dBm	W	dBm	W
10	CP-OFDM PI/2 BPSK	1	1	20.59	0.115	19.84	0.096	19.91	0.098
10		1	25	20.66	0.116	19.54	0.090	19.77	0.095
10		1	50	20.82	0.121	19.83	0.096	19.82	0.096
10		25	1	19.19	0.083	19.85	0.097	19.34	0.086
10		25	12	19.17	0.083	19.00	0.079	19.92	0.098
10		25	24	19.33	0.086	19.63	0.092	19.77	0.095
10		50	0	18.31	0.068	19.21	0.083	19.92	0.098
10	CP-OFDM QPSK	1	1	18.24	0.067	19.47	0.089	19.88	0.097
10		1	25	18.47	0.070	19.40	0.087	19.33	0.086
10		1	50	18.91	0.078	18.75	0.075	19.08	0.081
10		25	1	20.89	0.123	20.54	0.113	22.87	0.194
10		25	12	20.96	0.125	23.05	0.202	20.97	0.125
10		25	24	23.10	0.204	21.06	0.128	20.40	0.110
10		50	0	17.30	0.054	18.97	0.079	19.13	0.082
10	CP-OFDM 16QAM	1	1	19.17	0.083	18.83	0.076	19.35	0.086
10		1	25	19.33	0.086	19.39	0.087	19.79	0.095
10		1	50	18.31	0.068	18.06	0.064	18.49	0.071
10		25	1	18.24	0.067	17.56	0.057	17.45	0.056
10		25	12	18.47	0.070	18.50	0.071	18.51	0.071
10		25	24	18.91	0.078	18.98	0.079	18.88	0.077
10		50	0	20.99	0.126	19.36	0.086	20.91	0.123
10	CP-OFDM 64QAM	1	1	17.94	0.062	17.89	0.062	17.89	0.062
10		1	25	17.38	0.055	17.44	0.055	17.78	0.060
10		1	50	17.30	0.054	17.21	0.053	17.64	0.058
10		25	1	18.45	0.070	18.84	0.077	18.15	0.065
10		25	12	17.12	0.052	17.20	0.052	17.16	0.052
10		25	24	18.07	0.064	18.57	0.072	18.04	0.064
10		50	0	16.66	0.046	15.97	0.040	15.98	0.040
10	CP-OFDM 256QAM	1	1	16.44	0.044	15.55	0.036	15.43	0.035
10		1	25	16.77	0.048	15.38	0.035	16.36	0.043
10		1	50	15.40	0.035	16.31	0.043	16.31	0.043



10		25	1	15.76	0.038	15.86	0.039	15.27	0.034
10		25	12	14.61	0.029	14.62	0.029	14.58	0.029
10		25	24	14.72	0.030	14.40	0.028	14.48	0.028
10		50	0	15.51	0.036	15.81	0.038	15.61	0.036
Channel				386500		392000		397500	
Frequency (MHz)				1852.5		1880		1907.5	
				dBm	W	dBm	W	dBm	W
5	CP-OFDM PI/2 BPSK	1	1	19.51	0.089	19.44	0.088	19.51	0.089
5		1	12	19.10	0.081	19.14	0.082	19.37	0.086
5		1	23	19.24	0.084	19.43	0.088	19.42	0.087
5		12	1	18.61	0.073	19.45	0.088	18.94	0.078
5		12	6	18.29	0.067	18.60	0.072	19.52	0.090
5		12	12	18.90	0.078	19.23	0.084	19.37	0.086
5		25	0	18.47	0.070	18.81	0.076	19.52	0.090
5	CP-OFDM QPSK	1	1	19.35	0.086	19.07	0.081	19.48	0.089
5		1	12	19.20	0.083	19.00	0.079	18.93	0.078
5		1	23	18.55	0.072	18.35	0.068	18.68	0.074
5		12	1	20.19	0.104	19.84	0.096	20.47	0.111
5		12	6	20.26	0.106	20.46	0.111	20.27	0.106
5		12	12	20.42	0.110	20.36	0.109	19.70	0.093
5		25	0	18.79	0.076	18.57	0.072	18.73	0.075
5	CP-OFDM 16QAM	1	1	18.77	0.075	18.43	0.070	18.95	0.079
5		1	12	18.93	0.078	18.99	0.079	19.39	0.087
5		1	23	17.91	0.062	17.66	0.058	18.09	0.064
5		12	1	17.84	0.061	17.16	0.052	17.05	0.051
5		12	6	18.07	0.064	18.10	0.065	18.11	0.065
5		12	12	18.51	0.071	18.58	0.072	18.48	0.070
5		25	0	20.59	0.115	18.96	0.079	20.51	0.112
5	CP-OFDM 64QAM	1	1	17.54	0.057	17.49	0.056	17.49	0.056
5		1	12	16.98	0.050	17.04	0.051	17.38	0.055
5		1	23	16.90	0.049	16.81	0.048	17.24	0.053
5		12	1	18.05	0.064	18.44	0.070	17.75	0.060
5		12	6	16.72	0.047	16.80	0.048	16.76	0.047
5		12	12	17.67	0.058	18.17	0.066	17.64	0.058
5		25	0	16.26	0.042	15.57	0.036	15.58	0.036
5	CP-OFDM 256QAM	1	1	16.04	0.040	15.15	0.033	15.03	0.032
5		1	12	16.37	0.043	14.98	0.031	15.96	0.039
5		1	23	15.00	0.032	15.91	0.039	15.91	0.039



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5		12	1	15.36	0.034	15.46	0.035	14.87	0.031
5		12	6	14.21	0.026	14.22	0.026	14.18	0.026
5		12	12	14.32	0.027	14.00	0.025	14.08	0.026
5		25	0	15.11	0.032	15.41	0.035	15.21	0.033



EN-DC_66A-N5				Measured ERP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel		Middle Channel		High Channel	
Channel				166800		167300		167800	
Frequency (MHz)				834		836.5		839	
				dBm	W	dBm	W	dBm	W
20	DFT-s-OFDM PI/2 BPSK	1	1	14.67	0.029	14.60	0.029	14.78	0.030
20		1	53	14.41	0.028	14.89	0.031	14.54	0.028
20		1	104	14.82	0.030	14.84	0.030	14.91	0.031
20		50	1	14.90	0.031	14.49	0.028	15.16	0.033
20		50	25	14.93	0.031	14.97	0.031	14.76	0.030
20		50	50	14.41	0.028	14.64	0.029	14.90	0.031
20		100	0	14.21	0.026	15.16	0.033	15.06	0.032
20	DFT-s-OFDM QPSK	1	1	14.65	0.029	14.73	0.030	14.62	0.029
20		1	53	14.86	0.031	14.50	0.028	15.10	0.032
20		1	104	14.77	0.030	14.93	0.031	14.81	0.030
20		50	1	15.19	0.033	14.89	0.031	14.82	0.030
20		50	25	15.00	0.032	14.86	0.031	15.00	0.032
20		50	50	15.00	0.032	15.31	0.034	14.89	0.031
20		100	0	-2.19	0.001	14.49	0.028	14.90	0.031
20	DFT-s-OFDM 16QAM	1	1	14.83	0.030	14.67	0.029	14.82	0.030
20		1	53	15.74	0.037	15.09	0.032	15.19	0.033
20		1	104	14.88	0.031	14.92	0.031	14.97	0.031
20		50	1	15.09	0.032	15.20	0.033	15.72	0.037
20		50	25	14.92	0.031	14.90	0.031	15.05	0.032
20		50	50	15.41	0.035	14.84	0.030	14.90	0.031
20		100	0	14.87	0.031	15.20	0.033	15.63	0.037
20	DFT-s-OFDM 64QAM	1	1	14.76	0.030	14.62	0.029	14.84	0.030
20		1	53	15.52	0.036	14.98	0.031	14.90	0.031
20		1	104	14.75	0.030	14.76	0.030	14.90	0.031
20		50	1	14.91	0.031	15.19	0.033	15.42	0.035
20		50	25	14.98	0.031	14.97	0.031	15.17	0.033
20		50	50	15.86	0.039	15.43	0.035	15.73	0.037
20		100	0	15.65	0.037	15.35	0.034	15.58	0.036
20	DFT-s-OFDM 256QAM	1	1	13.85	0.024	13.88	0.024	14.04	0.025
20		1	53	14.50	0.028	14.90	0.031	15.25	0.033
20		1	104	14.12	0.026	14.11	0.026	14.28	0.027



20		50	1	14.21	0.026	15.05	0.032	14.73	0.030
20		50	25	14.90	0.031	14.91	0.031	15.07	0.032
20		50	50	15.35	0.034	15.15	0.033	14.84	0.030
20		100	0	14.90	0.031	15.05	0.032	15.21	0.033
Channel				166300		167300		168300	
Frequency (MHz)				831.5		836.5		841.5	
				dBm	W	dBm	W	dBm	W
15	DFT-s-OFDM PI/2 BPSK	1	1	14.80	0.030	15.02	0.032	14.77	0.030
15		1	39	14.88	0.031	15.35	0.034	15.20	0.033
15		1	77	14.96	0.031	14.94	0.031	14.97	0.031
15		36	1	15.20	0.033	15.11	0.032	15.12	0.033
15		36	18	15.02	0.032	15.05	0.032	15.04	0.032
15		36	36	15.10	0.032	15.02	0.032	14.86	0.031
15		75	0	14.87	0.031	14.95	0.031	15.16	0.033
15	DFT-s-OFDM QPSK	1	1	14.95	0.031	14.78	0.030	14.75	0.030
15		1	39	15.86	0.039	15.41	0.035	15.72	0.037
15		1	77	14.99	0.032	14.95	0.031	14.97	0.031
15		36	1	15.35	0.034	15.70	0.037	15.19	0.033
15		36	18	15.05	0.032	14.97	0.031	15.06	0.032
15		36	36	15.20	0.033	15.31	0.034	15.05	0.032
15		75	0	15.42	0.035	15.31	0.034	15.16	0.033
15	DFT-s-OFDM 16QAM	1	1	14.75	0.030	14.93	0.031	14.77	0.030
15		1	39	15.72	0.037	15.06	0.032	15.30	0.034
15		1	77	15.12	0.033	15.05	0.032	14.88	0.031
15		36	1	14.87	0.031	15.48	0.035	14.84	0.030
15		36	18	15.01	0.032	15.05	0.032	15.11	0.032
15		36	36	15.39	0.035	15.21	0.033	14.97	0.031
15		75	0	15.09	0.032	15.13	0.033	15.19	0.033
15	DFT-s-OFDM 64QAM	1	1	15.02	0.032	14.67	0.029	14.98	0.031
15		1	39	15.05	0.032	15.30	0.034	15.49	0.035
15		1	77	15.06	0.032	14.85	0.031	15.12	0.033
15		36	1	14.81	0.030	14.21	0.026	14.90	0.031
15		36	18	15.04	0.032	15.01	0.032	15.06	0.032
15		36	36	14.87	0.031	14.91	0.031	14.97	0.031
15		75	0	14.63	0.029	14.81	0.030	14.88	0.031
15	DFT-s-OFDM 256QAM	1	1	14.26	0.027	14.07	0.026	14.08	0.026
15		1	39	14.90	0.031	14.78	0.030	14.91	0.031
15		1	77	14.51	0.028	14.34	0.027	14.45	0.028



15		36	1	15.10	0.032	14.95	0.031	14.84	0.030
15		36	18	14.99	0.032	14.97	0.031	14.98	0.031
15		36	36	14.82	0.030	15.15	0.033	15.10	0.032
15		75	0	15.09	0.032	15.21	0.033	14.99	0.032
Channel				165800		167300		168800	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	DFT-s-OFDM PI/2 BPSK	1	1	14.76	0.030	14.72	0.030	14.72	0.030
10		1	25	14.39	0.027	14.49	0.028	14.87	0.031
10		1	50	14.85	0.031	14.79	0.030	14.86	0.031
10		25	1	14.87	0.031	15.00	0.032	15.06	0.032
10		25	12	14.98	0.031	14.98	0.031	14.90	0.031
10		25	24	14.87	0.031	14.50	0.028	15.21	0.033
10		50	0	14.20	0.026	14.87	0.031	15.09	0.032
10	DFT-s-OFDM QPSK	1	1	14.75	0.030	14.74	0.030	14.72	0.030
10		1	25	15.20	0.033	14.41	0.028	15.25	0.033
10		1	50	14.92	0.031	14.82	0.030	14.87	0.031
10		25	1	15.09	0.032	14.88	0.031	14.33	0.027
10		25	12	14.88	0.031	14.87	0.031	14.95	0.031
10		25	24	14.89	0.031	15.48	0.035	15.10	0.032
10		50	0	14.90	0.031	15.42	0.035	15.21	0.033
10	DFT-s-OFDM 16QAM	1	1	14.86	0.031	14.70	0.030	14.82	0.030
10		1	25	15.10	0.032	15.21	0.033	14.99	0.032
10		1	50	14.87	0.031	14.80	0.030	14.87	0.031
10		25	1	14.44	0.028	15.10	0.032	14.82	0.030
10		25	12	14.95	0.031	14.71	0.030	15.00	0.032
10		25	24	15.84	0.038	15.81	0.038	15.83	0.038
10		50	0	15.88	0.039	15.70	0.037	15.48	0.035
10	DFT-s-OFDM 64QAM	1	1	14.62	0.029	14.85	0.031	14.64	0.029
10		1	25	14.84	0.030	15.10	0.032	15.21	0.033
10		1	50	15.17	0.033	15.17	0.033	15.19	0.033
10		25	1	14.97	0.031	15.30	0.034	15.72	0.037
10		25	12	14.84	0.030	14.82	0.030	14.90	0.031
10		25	24	15.70	0.037	15.21	0.033	15.09	0.032
10		50	0	15.10	0.032	15.22	0.033	15.74	0.037
10	DFT-s-OFDM 256QAM	1	1	14.37	0.027	14.24	0.027	14.38	0.027
10		1	25	14.87	0.031	14.98	0.031	15.09	0.032
10		1	50	14.29	0.027	14.31	0.027	14.43	0.028



10		25	1	14.88	0.031	15.19	0.033	15.31	0.034
10		25	12	14.85	0.031	14.80	0.030	14.80	0.030
10		25	24	14.96	0.031	15.03	0.032	15.20	0.033
10		50	0	14.81	0.030	14.52	0.028	14.86	0.031
Channel				165300		167300		169300	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	DFT-s-OFDM PI/2 BPSK	1	1	14.68	0.029	14.82	0.030	14.79	0.030
5		1	12	14.87	0.031	14.97	0.031	14.81	0.030
5		1	23	14.84	0.030	14.85	0.031	14.83	0.030
5		12	1	14.97	0.031	14.88	0.031	14.99	0.032
5		12	6	14.79	0.030	14.84	0.030	14.90	0.031
5		12	12	14.50	0.028	14.84	0.030	14.87	0.031
5		25	0	14.85	0.031	14.41	0.028	14.31	0.027
5	DFT-s-OFDM QPSK	1	1	14.70	0.030	14.73	0.030	14.73	0.030
5		1	12	14.80	0.030	14.85	0.031	14.39	0.027
5		1	23	14.89	0.031	14.84	0.030	14.83	0.030
5		12	1	14.89	0.031	14.95	0.031	14.83	0.030
5		12	6	14.77	0.030	14.81	0.030	14.89	0.031
5		12	12	14.48	0.028	14.20	0.026	14.63	0.029
5		25	0	14.84	0.030	14.37	0.027	14.61	0.029
5	DFT-s-OFDM 16QAM	1	1	14.82	0.030	14.86	0.031	14.83	0.030
5		1	12	14.96	0.031	15.05	0.032	14.95	0.031
5		1	23	15.00	0.032	14.94	0.031	14.94	0.031
5		12	1	14.84	0.030	14.61	0.029	14.70	0.030
5		12	6	14.90	0.031	15.05	0.032	14.81	0.030
5		12	12	14.90	0.031	14.87	0.031	14.83	0.030
5		25	0	14.97	0.031	14.70	0.030	14.81	0.030
5	DFT-s-OFDM 64QAM	1	1	14.88	0.031	14.89	0.031	14.65	0.029
5		1	12	14.20	0.026	14.60	0.029	14.00	0.025
5		1	23	14.78	0.030	14.75	0.030	14.73	0.030
5		12	1	14.30	0.027	14.20	0.026	14.56	0.029
5		12	6	15.09	0.032	15.12	0.033	15.08	0.032
5		12	12	15.06	0.032	14.84	0.030	14.30	0.027
5		25	0	14.87	0.031	14.97	0.031	14.85	0.031
5	DFT-s-OFDM 256QAM	1	1	13.98	0.025	13.85	0.024	13.96	0.025
5		1	12	14.81	0.030	14.98	0.031	14.83	0.030
5		1	23	14.30	0.027	14.49	0.028	14.36	0.027



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5		12	1	14.20	0.026	14.31	0.027	14.07	0.026
5		12	6	14.56	0.029	14.61	0.029	14.60	0.029
5		12	12	14.87	0.031	14.84	0.030	14.61	0.029
5		25	0	14.47	0.028	14.30	0.027	14.95	0.031



EN-DC_66A-N5				Measured ERP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel		Middle Channel		High Channel	
Channel				166800		167300		167800	
Frequency (MHz)				834		836.5		839	
				dBm	W	dBm	W	dBm	W
20	CP-OFDM PI/2 BPSK	1	1	14.90	0.031	14.97	0.031	14.84	0.030
20		1	53	15.21	0.033	15.86	0.039	15.17	0.033
20		1	104	15.95	0.039	15.88	0.039	15.83	0.038
20		50	1	15.21	0.033	15.83	0.038	15.43	0.035
20		50	25	15.72	0.037	15.27	0.034	15.46	0.035
20		50	50	15.43	0.035	15.52	0.036	15.27	0.034
20		100	0	15.88	0.039	15.77	0.038	15.10	0.032
20	CP-OFDM QPSK	1	1	14.69	0.029	14.75	0.030	14.79	0.030
20		1	53	14.87	0.031	14.97	0.031	14.88	0.031
20		1	104	14.86	0.031	14.86	0.031	14.91	0.031
20		50	1	15.01	0.032	15.10	0.032	14.98	0.031
20		50	25	15.04	0.032	14.96	0.031	15.04	0.032
20		50	50	14.10	0.026	14.21	0.026	14.86	0.031
20		100	0	14.41	0.028	13.97	0.025	14.30	0.027
20	CP-OFDM 16QAM	1	1	14.73	0.030	14.75	0.030	15.00	0.032
20		1	53	14.29	0.027	14.08	0.026	14.54	0.028
20		1	104	14.87	0.031	14.90	0.031	14.96	0.031
20		50	1	14.50	0.028	14.27	0.027	14.11	0.026
20		50	25	15.03	0.032	14.72	0.030	15.04	0.032
20		50	50	14.97	0.031	14.81	0.030	14.88	0.031
20		100	0	14.96	0.031	14.89	0.031	15.05	0.032
20	CP-OFDM 64QAM	1	1	14.57	0.029	14.83	0.030	14.80	0.030
20		1	53	14.73	0.030	14.54	0.028	14.86	0.031
20		1	104	14.78	0.030	14.90	0.031	14.90	0.031
20		50	1	14.89	0.031	14.96	0.031	15.05	0.032
20		50	25	14.88	0.031	15.13	0.033	15.10	0.032
20		50	50	14.80	0.030	14.74	0.030	14.91	0.031
20		100	0	14.85	0.031	15.00	0.032	14.93	0.031
20	CP-OFDM 256QAM	1	1	13.91	0.025	14.06	0.025	13.92	0.025
20		1	53	14.97	0.031	14.81	0.030	14.87	0.031
20		1	104	14.12	0.026	14.23	0.026	14.13	0.026



20		50	1	14.54	0.028	14.86	0.031	14.83	0.030
20		50	25	14.91	0.031	15.02	0.032	15.04	0.032
20		50	50	14.95	0.031	15.10	0.032	15.15	0.033
20		100	0	15.05	0.032	14.99	0.032	14.90	0.031
Channel				166300		167300		168300	
Frequency (MHz)				831.5		836.5		841.5	
				dBm	W	dBm	W	dBm	W
15	CP-OFDM PI/2 BPSK	1	1	15.86	0.039	15.96	0.039	15.84	0.038
15		1	39	15.43	0.035	15.21	0.033	15.04	0.032
15		1	77	14.21	0.026	14.87	0.031	14.19	0.026
15		36	1	15.10	0.032	15.70	0.037	14.84	0.030
15		36	18	14.82	0.030	15.40	0.035	15.20	0.033
15		36	36	15.49	0.035	15.43	0.035	15.26	0.034
15		75	0	14.87	0.031	15.45	0.035	15.42	0.035
15	CP-OFDM QPSK	1	1	15.04	0.032	14.88	0.031	14.80	0.030
15		1	39	15.20	0.033	14.94	0.031	15.09	0.032
15		1	77	14.94	0.031	14.94	0.031	14.95	0.031
15		36	1	14.95	0.031	14.90	0.031	14.97	0.031
15		36	18	14.98	0.031	15.06	0.032	14.93	0.031
15		36	36	15.15	0.033	14.99	0.032	15.10	0.032
15		75	0	15.19	0.033	15.01	0.032	14.97	0.031
15	CP-OFDM 16QAM	1	1	14.97	0.031	14.81	0.030	14.86	0.031
15		1	39	15.40	0.035	14.95	0.031	15.55	0.036
15		1	77	14.95	0.031	14.92	0.031	14.95	0.031
15		36	1	15.06	0.032	15.43	0.035	15.59	0.036
15		36	18	15.12	0.033	15.05	0.032	15.11	0.032
15		36	36	15.32	0.034	15.38	0.035	15.46	0.035
15		75	0	15.60	0.036	15.66	0.037	15.49	0.035
15	CP-OFDM 64QAM	1	1	14.84	0.030	14.84	0.030	14.79	0.030
15		1	39	15.10	0.032	15.19	0.033	15.72	0.037
15		1	77	15.15	0.033	14.94	0.031	15.01	0.032
15		36	1	14.81	0.030	15.05	0.032	15.72	0.037
15		36	18	15.02	0.032	14.88	0.031	14.95	0.031
15		36	36	15.10	0.032	15.19	0.033	14.84	0.030
15		75	0	14.79	0.030	15.15	0.033	15.63	0.037
15	CP-OFDM 256QAM	1	1	14.21	0.026	14.26	0.027	14.15	0.026
15		1	39	14.87	0.031	14.49	0.028	15.35	0.034
15		1	77	14.48	0.028	14.36	0.027	14.43	0.028



15		36	1	15.27	0.034	15.16	0.033	15.42	0.035
15		36	18	14.83	0.030	14.87	0.031	14.78	0.030
15		36	36	14.81	0.030	13.87	0.024	15.19	0.033
15		75	0	15.37	0.034	14.88	0.031	15.60	0.036
Channel				165800		167300		168800	
Frequency (MHz)				829		836.5		844	
				dBm	W	dBm	W	dBm	W
10	CP-OFDM PI/2 BPSK	1	1	15.10	0.032	15.22	0.033	15.69	0.037
10		1	25	15.43	0.035	14.84	0.030	14.87	0.031
10		1	50	15.15	0.033	15.30	0.034	15.03	0.032
10		25	1	15.19	0.033	15.13	0.033	15.52	0.036
10		25	12	14.82	0.030	14.79	0.030	14.88	0.031
10		25	24	15.19	0.033	14.84	0.030	14.76	0.030
10		50	0	15.30	0.034	15.46	0.035	14.51	0.028
10	CP-OFDM QPSK	1	1	14.72	0.030	14.67	0.029	14.78	0.030
10		1	25	14.82	0.030	14.81	0.030	14.87	0.031
10		1	50	14.78	0.030	14.95	0.031	14.81	0.030
10		25	1	14.88	0.031	15.40	0.035	15.25	0.033
10		25	12	14.85	0.031	14.81	0.030	14.89	0.031
10		25	24	15.73	0.037	15.21	0.033	15.26	0.034
10		50	0	14.73	0.030	15.16	0.033	14.90	0.031
10	CP-OFDM 16QAM	1	1	14.76	0.030	14.76	0.030	14.78	0.030
10		1	25	14.87	0.031	15.16	0.033	15.30	0.034
10		1	50	14.82	0.030	14.86	0.031	14.96	0.031
10		25	1	14.45	0.028	14.87	0.031	15.37	0.034
10		25	12	14.82	0.030	14.87	0.031	14.88	0.031
10		25	24	15.48	0.035	14.80	0.030	14.59	0.029
10		50	0	14.85	0.031	15.86	0.039	15.96	0.039
10	CP-OFDM 64QAM	1	1	14.88	0.031	15.12	0.033	14.84	0.030
10		1	25	15.87	0.039	15.81	0.038	15.10	0.032
10		1	50	14.77	0.030	15.12	0.033	14.82	0.030
10		25	1	15.19	0.033	15.54	0.036	15.42	0.035
10		25	12	14.88	0.031	14.80	0.030	14.83	0.030
10		25	24	14.81	0.030	14.88	0.031	15.42	0.035
10		50	0	15.10	0.032	15.49	0.035	15.12	0.033
10	CP-OFDM 256QAM	1	1	14.29	0.027	14.33	0.027	14.45	0.028
10		1	25	15.86	0.039	15.52	0.036	15.23	0.033
10		1	50	14.51	0.028	14.42	0.028	14.47	0.028



10		25	1	15.83	0.038	15.88	0.039	15.72	0.037
10		25	12	14.90	0.031	14.86	0.031	14.88	0.031
10		25	24	14.86	0.031	14.40	0.028	14.21	0.026
10		50	0	15.81	0.038	14.19	0.026	15.06	0.032
Channel				165300		167300		169300	
Frequency (MHz)				826.5		836.5		846.5	
				dBm	W	dBm	W	dBm	W
5	CP-OFDM PI/2 BPSK	1	1	14.21	0.026	15.43	0.035	#VAL UE!	#VAL UE!
5		1	12	14.87	0.031	14.97	0.031	14.88	0.031
5		1	23	15.10	0.032	15.20	0.033	15.26	0.034
5		12	1	14.86	0.031	15.09	0.032	15.69	0.037
5		12	6	14.31	0.027	14.97	0.031	15.27	0.034
5		12	12	14.97	0.031	15.09	0.032	15.43	0.035
5		25	0	15.15	0.033	15.37	0.034	15.46	0.035
5	CP-OFDM QPSK	1	1	14.77	0.030	14.92	0.031	14.79	0.030
5		1	12	15.59	0.036	15.43	0.035	15.05	0.032
5		1	23	14.84	0.030	14.91	0.031	14.77	0.030
5		12	1	15.10	0.032	15.19	0.033	14.87	0.031
5		12	6	14.85	0.031	14.72	0.030	14.82	0.030
5		12	12	14.90	0.031	15.17	0.033	14.84	0.030
5		25	0	15.21	0.033	14.40	0.028	14.88	0.031
5	CP-OFDM 16QAM	1	1	14.87	0.031	14.84	0.030	14.87	0.031
5		1	12	15.21	0.033	15.27	0.034	15.70	0.037
5		1	23	15.01	0.032	14.79	0.030	14.89	0.031
5		12	1	15.10	0.032	14.87	0.031	15.19	0.033
5		12	6	14.84	0.030	14.76	0.030	14.86	0.031
5		12	12	14.44	0.028	14.52	0.028	15.16	0.033
5		25	0	14.81	0.030	14.40	0.028	14.89	0.031
5	CP-OFDM 64QAM	1	1	14.93	0.031	14.71	0.030	14.91	0.031
5		1	12	15.05	0.032	15.37	0.034	14.99	0.032
5		1	23	14.87	0.031	14.94	0.031	14.98	0.031
5		12	1	14.37	0.027	15.07	0.032	15.84	0.038
5		12	6	14.90	0.031	14.85	0.031	14.84	0.030
5		12	12	15.86	0.039	15.81	0.038	15.30	0.034
5		25	0	15.21	0.033	15.63	0.037	15.26	0.034
5	CP-OFDM 256QAM	1	1	14.01	0.025	13.91	0.025	13.92	0.025
5		1	12	14.17	0.026	14.81	0.030	14.52	0.028



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5		1	23	14.41	0.028	14.39	0.027	14.34	0.027
5		12	1	15.10	0.032	15.16	0.033	14.50	0.028
5		12	6	14.69	0.029	14.60	0.029	14.68	0.029
5		12	12	14.50	0.028	15.42	0.035	15.09	0.032
5		25	0	14.84	0.030	14.87	0.031	15.36	0.034



EN-DC_26A-N41				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel		Middle Channel		High Channel	
Channel				509202		518598		528000	
Frequency (MHz)				2546.01		2592.99		2640	
				dBm	W	dBm	W	dBm	W
100	DFT-s-OFDM PI/2 BPSK	1	1	25.90	0.389	25.67	0.369	26.00	0.398
100		1	136	26.12	0.409	25.15	0.327	24.99	0.316
100		1	271	26.22	0.419	25.69	0.371	26.03	0.401
100		135	1	25.15	0.327	25.89	0.388	25.78	0.378
100		135	67	26.27	0.424	25.96	0.394	25.98	0.396
100		135	136	25.78	0.378	26.13	0.410	25.96	0.394
100		270	0	25.13	0.326	26.14	0.411	26.10	0.407
100	DFT-s-OFDM QPSK	1	1	25.83	0.383	25.62	0.365	25.96	0.394
100		1	136	26.10	0.407	26.14	0.411	25.10	0.324
100		1	271	26.32	0.429	25.68	0.370	26.11	0.408
100		135	1	26.78	0.476	26.41	0.438	26.08	0.406
100		135	67	26.23	0.420	26.05	0.403	26.06	0.404
100		135	136	25.17	0.329	26.75	0.473	26.42	0.439
100		270	0	25.53	0.357	26.12	0.409	25.16	0.328
100	DFT-s-OFDM 16QAM	1	1	25.66	0.368	25.42	0.348	25.98	0.396
100		1	136	25.69	0.371	25.12	0.325	25.50	0.355
100		1	271	26.16	0.413	25.55	0.359	25.98	0.396
100		135	1	26.10	0.407	26.63	0.460	26.11	0.408
100		135	67	26.20	0.417	26.04	0.402	26.11	0.408
100		135	136	26.47	0.444	26.46	0.443	25.99	0.397
100		270	0	26.46	0.443	26.13	0.410	26.06	0.404
100	DFT-s-OFDM 64QAM	1	1	26	0.398	24.7	0.295	26.06	0.404
100		1	136	26.33	0.430	25.96	0.394	25.89	0.388
100		1	271	26.42	0.439	25.24	0.334	25.55	0.359
100		135	1	25.89	0.388	25.88	0.387	26.41	0.438
100		135	67	25.85	0.385	25.82	0.382	25.49	0.354
100		135	136	25.12	0.325	26.1	0.407	24.84	0.305
100		270	0	24.234	0.265	24.455	0.279	25.36	0.344
100	DFT-s-OFDM 256QAM	1	1	24.73	0.297	24.31	0.270	24.71	0.296
100		1	136	23.34	0.216	23.76	0.238	23.75	0.237
100		1	271	23.12	0.205	23.92	0.247	24.16	0.261



100		135	1	23.46	0.222	23.58	0.228	24.91	0.310
100		135	67	24.53	0.284	24.84	0.305	24.09	0.256
100		135	136	23.45	0.221	23.49	0.223	24.54	0.284
100		270	0	23.46	0.222	23.23	0.210	24.00	0.251
Channel				507204		518598		529998	
Frequency (MHz)				2536.02		2592.99		2649.99	
				dBm	W	dBm	W	dBm	W
80	DFT-s-OFDM PI/2 BPSK	1	1	25.75	0.376	26.02	0.400	25.94	0.393
80		1	108	26.12	0.409	26.01	0.399	25.58	0.361
80		1	215	26.27	0.424	26.10	0.407	25.95	0.394
80		108	1	26.12	0.409	25.54	0.358	26.13	0.410
80		108	54	26.23	0.420	26.27	0.424	25.93	0.392
80		108	108	26.15	0.412	26.44	0.441	25.87	0.386
80		216	0	26.41	0.438	26.46	0.443	25.15	0.327
80	DFT-s-OFDM QPSK	1	1	25.80	0.380	26.05	0.403	25.98	0.396
80		1	108	25.96	0.394	26.01	0.399	24.45	0.279
80		1	215	26.30	0.427	26.15	0.412	25.95	0.394
80		108	1	26.14	0.411	25.58	0.361	25.05	0.320
80		108	54	26.12	0.409	26.24	0.421	25.67	0.369
80		108	108	25.16	0.328	26.49	0.446	26.16	0.413
80		216	0	25.36	0.344	25.96	0.394	25.36	0.344
80	DFT-s-OFDM 16QAM	1	1	25.63	0.366	26.06	0.404	25.88	0.387
80		1	108	25.96	0.394	26.36	0.433	26.00	0.398
80		1	215	26.25	0.422	26.03	0.401	25.88	0.387
80		108	1	26.13	0.410	26.43	0.440	25.12	0.325
80		108	54	26.17	0.414	26.22	0.419	25.71	0.372
80		108	108	26.02	0.400	26.46	0.443	26.41	0.438
80		216	0	25.96	0.394	26.01	0.399	26.00	0.398
80	DFT-s-OFDM 64QAM	1	1	25.83	0.383	25.94	0.393	26.15	0.412
80		1	108	26.41	0.438	26.36	0.433	25.31	0.340
80		1	215	26.46	0.443	26.11	0.408	25.79	0.379
80		108	1	23.96	0.249	23.464	0.222	23.207	0.209
80		108	54	23.46	0.222	23.21	0.209	23.45	0.221
80		108	108	23.23	0.210	23.41	0.219	23.98	0.250
80		216	0	23.28	0.213	23.33	0.215	23.45	0.221
80	DFT-s-OFDM 256QAM	1	1	24.55	0.285	24.51	0.282	24.72	0.296
80		1	108	23.32	0.215	23.49	0.223	24.01	0.252
80		1	215	25.02	0.318	24.47	0.280	24.21	0.264



80		108	1	23.31	0.214	23.45	0.221	24.41	0.276
80		108	54	24.04	0.254	24.22	0.264	24.07	0.255
80		108	108	23.47	0.222	23.43	0.220	23.10	0.204
80		216	0	23.43	0.220	23.27	0.212	23.54	0.226
Channel				505200		518598		531996	
Frequency (MHz)				2526		2592.99		2559.98	
				dBm	W	dBm	W	dBm	W
60	DFT-s-OFDM PI/2 BPSK	1	1	25.70	0.372	26.16	0.413	25.69	0.371
60		1	80	25.25	0.335	25.26	0.336	25.02	0.318
60		1	160	25.97	0.395	26.37	0.434	25.75	0.376
60		81	1	25.15	0.327	25.15	0.327	25.11	0.324
60		81	40	25.13	0.326	25.31	0.340	25.63	0.366
60		81	81	25.14	0.327	25.14	0.327	25.96	0.394
60		162	0	25.31	0.340	25.14	0.327	25.56	0.360
60	DFT-s-OFDM QPSK	1	1	25.73	0.374	26.16	0.413	25.73	0.374
60		1	80	25.97	0.395	25.87	0.386	25.75	0.376
60		1	160	26.13	0.410	26.32	0.429	25.76	0.377
60		81	1	26.11	0.408	26.36	0.433	25.85	0.385
60		81	40	26.18	0.415	26.25	0.422	25.54	0.358
60		81	81	26.08	0.406	25.96	0.394	24.85	0.305
60		162	0	26.47	0.444	25.85	0.385	25.36	0.344
60	DFT-s-OFDM 16QAM	1	1	25.91	0.390	26.12	0.409	25.69	0.371
60		1	80	25.36	0.344	25.75	0.376	24.87	0.307
60		1	160	26.32	0.429	26.32	0.429	25.81	0.381
60		81	1	26.10	0.407	25.00	0.316	25.50	0.355
60		81	40	26.17	0.414	25.66	0.368	25.58	0.361
60		81	81	26.44	0.441	25.55	0.359	26.44	0.441
60		162	0	26.14	0.411	26.17	0.414	26.11	0.408
60	DFT-s-OFDM 64QAM	1	1	25.71	0.372	26.08	0.406	25.7	0.372
60		1	80	25.96	0.394	25.87	0.386	25.96	0.394
60		1	160	26.03	0.401	26.27	0.424	25.48	0.353
60		81	1	25.36	0.344	25.52	0.356	25.56	0.360
60		81	40	25.13	0.326	26.27	0.424	25.34	0.342
60		81	81	24.12	0.258	25.34	0.342	24.98	0.315
60		162	0	24.2	0.263	24.1	0.257	25.1	0.324
60	DFT-s-OFDM 256QAM	1	1	24.55	0.285	25	0.316	24.24	0.265
60		1	80	24.34	0.272	23.38	0.218	23.544	0.226
60		1	160	24.53	0.284	24.72	0.296	23.98	0.250



60		81	1	25.00	0.316	23.50	0.224	23.39	0.218
60		81	40	23.65	0.232	25.28	0.337	23.88	0.244
60		81	81	23.43	0.220	23.39	0.218	23.98	0.250
60		162	0	23.43	0.220	23.42	0.220	24.10	0.257
Channel				503202		518598		534000	
Frequency (MHz)				2516.01		2592.99		2670	
				dBm	W	dBm	W	dBm	W
40	DFT-s-OFDM PI/2 BPSK	1	1	27.80	0.603	26.70	0.468	26.52	0.449
40		1	53	27.42	0.552	27.10	0.513	27.23	0.528
40		1	104	27.34	0.542	27.11	0.514	27.92	0.619
40		50	1	27.45	0.556	27.78	0.600	27.80	0.603
40		50	25	27.17	0.521	26.87	0.486	26.55	0.452
40		50	50	27.10	0.513	27.47	0.558	26.33	0.430
40		100	0	27.44	0.555	27.41	0.551	26.75	0.473
40	DFT-s-OFDM QPSK	1	1	26.96	0.497	26.56	0.453	27.41	0.551
40		1	53	26.15	0.412	27.74	0.594	27.57	0.571
40		1	104	26.81	0.480	26.99	0.500	27.85	0.610
40		50	1	26.40	0.437	26.85	0.484	26.00	0.398
40		50	25	27.42	0.552	26.66	0.463	27.61	0.577
40		50	50	27.44	0.555	26.10	0.407	27.40	0.550
40		100	0	26.88	0.488	26.48	0.445	26.01	0.399
40	DFT-s-OFDM 16QAM	1	1	27.28	0.535	27.69	0.587	27.43	0.553
40		1	53	27.41	0.551	27.11	0.514	27.10	0.513
40		1	104	26.57	0.454	27.15	0.519	26.88	0.488
40		50	1	26.74	0.472	27.42	0.552	26.88	0.488
40		50	25	27.28	0.535	26.86	0.485	27.64	0.581
40		50	50	27.45	0.556	27.10	0.513	26.13	0.410
40		100	0	26.84	0.483	26.85	0.484	26.42	0.439
40	DFT-s-OFDM 64QAM	1	1	26.77	0.475	26.00	0.398	26.61	0.458
40		1	53	26.00	0.398	26.46	0.443	26.39	0.436
40		1	104	26.09	0.406	26.45	0.442	26.48	0.445
40		50	1	25.94	0.393	26.87	0.486	26.47	0.444
40		50	25	25.84	0.384	27.51	0.564	26.24	0.421
40		50	50	26.03	0.401	26.04	0.402	26.37	0.434
40		100	0	26.35	0.432	26.04	0.402	26.22	0.419
40	DFT-s-OFDM 256QAM	1	1	24.63	0.290	24.83	0.304	24.24	0.265
40		1	53	23.33	0.215	23.92	0.247	23.96	0.249
40		1	104	23.78	0.239	23.58	0.228	24.27	0.267



40		50	1	23.27	0.212	23.51	0.224	23.31	0.214
40		50	25	24.38	0.274	24.14	0.259	24.82	0.303
40		50	50	23.21	0.209	23.25	0.211	23.22	0.210
40		100	0	23.35	0.216	23.31	0.214	24.51	0.282
Channel				501204		518598		535998	
Frequency (MHz)				2506.02		2592.99		2679.99	
				dBm	W	dBm	W	dBm	W
20	DFT-s-OFDM PI/2 BPSK	1	1	27.01	0.502	27.01	0.502	27.75	0.596
20		1	25	27.41	0.551	27.98	0.628	27.31	0.538
20		1	49	27.02	0.504	27.46	0.557	27.00	0.501
20		25	1	27.69	0.587	27.10	0.513	27.24	0.530
20		25	12	27.02	0.504	27.96	0.625	27.57	0.571
20		25	25	27.66	0.583	27.10	0.513	27.14	0.518
20		50	0	27.65	0.582	27.87	0.612	27.34	0.542
20	DFT-s-OFDM QPSK	1	1	27.10	0.513	27.94	0.622	27.63	0.579
20		1	25	27.64	0.581	27.48	0.560	27.45	0.556
20		1	49	27.98	0.628	27.39	0.548	27.88	0.614
20		25	1	27.87	0.612	27.47	0.558	27.13	0.516
20		25	12	27.52	0.565	27.86	0.611	27.40	0.550
20		25	25	27.12	0.515	27.45	0.556	27.01	0.502
20		50	0	27.05	0.507	27.88	0.614	27.14	0.518
20	DFT-s-OFDM 16QAM	1	1	27.92	0.619	27.86	0.611	27.71	0.590
20		1	25	27.41	0.551	27.36	0.545	27.10	0.513
20		1	49	27.53	0.566	27.31	0.538	26.94	0.494
20		25	1	27.78	0.600	27.00	0.501	27.41	0.551
20		25	12	27.13	0.516	27.87	0.612	27.41	0.551
20		25	25	26.98	0.499	27.25	0.531	26.85	0.484
20		50	0	27.01	0.502	26.13	0.410	26.00	0.398
20	DFT-s-OFDM 64QAM	1	1	27.26	0.532	27.14	0.518	27.2	0.525
20		1	25	27.00	0.501	27.41	0.551	26.87	0.486
20		1	49	26.90	0.490	27.69	0.587	26.38	0.435
20		25	1	27.01	0.502	26.74	0.472	26.30	0.427
20		25	12	26.66	0.463	25.44	0.350	26.03	0.401
20		25	25	26.87	0.486	25.98	0.396	25.78	0.378
20		50	0	26.69	0.467	26.13	0.410	25.36	0.344
20	DFT-s-OFDM 256QAM	1	1	25.04	0.319	25.76	0.377	25.13	0.326
20		1	25	25.37	0.344	25.36	0.344	25.75	0.376
20		1	49	25.25	0.335	25.56	0.360	24.76	0.299



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20		25	1	25.85	0.385	26.00	0.398	24.66	0.292
20		25	12	25.30	0.339	25.92	0.391	24.56	0.286
20		25	25	25.97	0.395	25.87	0.386	25.11	0.324
20		50	0	26.01	0.399	25.64	0.366	24.99	0.316



EN-DC_26A-N41				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel		Middle Channel		High Channel	
Channel				509202		518598		528000	
Frequency (MHz)				2546.01		2592.99		2640	
				dBm	W	dBm	W	dBm	W
100	CP-OFDM PI/2 BPSK	1	1	26.16	0.413	25.42	0.348	25.95	0.394
100		1	136	26.29	0.426	25.71	0.372	26.11	0.408
100		1	271	26.35	0.432	25.79	0.379	25.96	0.394
100		135	1	25.43	0.349	24.52	0.283	24.94	0.312
100		135	67	25.43	0.349	24.57	0.286	25.01	0.317
100		135	136	25.43	0.349	24.28	0.268	25.03	0.318
100		270	0	25.42	0.348	24.31	0.270	24.98	0.315
100	CP-OFDM QPSK	1	1	25.48	0.353	25.58	0.361	26.21	0.418
100		1	136	25.75	0.376	26.12	0.409	26.31	0.428
100		1	271	25.85	0.385	25.85	0.385	26.24	0.421
100		135	1	25.36	0.344	25.12	0.325	25.98	0.396
100		135	67	25.75	0.376	25.92	0.391	25.85	0.385
100		135	136	25.15	0.327	24.99	0.316	25.63	0.366
100		270	0	25.96	0.394	25.41	0.348	25.69	0.371
100	CP-OFDM 16QAM	1	1	25.31	0.340	25.08	0.322	26.09	0.406
100		1	136	24.04	0.254	25.25	0.335	25.31	0.340
100		1	271	26.07	0.405	25.60	0.363	25.73	0.374
100		135	1	25.10	0.324	25.36	0.344	24.98	0.315
100		135	67	25.84	0.384	25.97	0.395	25.85	0.385
100		135	136	25.57	0.361	24.55	0.285	25.15	0.327
100		270	0	25.78	0.378	25.69	0.371	25.69	0.371
100	CP-OFDM 64QAM	1	1	24.54	0.284	23.95	0.248	25.68	0.370
100		1	136	24.87	0.307	25.15	0.327	25.75	0.376
100		1	271	25.23	0.333	24.51	0.282	24.33	0.271
100		135	1	25.69	0.371	25.78	0.378	24.48	0.281
100		135	67	24.76	0.299	25.54	0.358	24.52	0.283
100		135	136	24.98	0.315	24.58	0.287	24.11	0.258
100		270	0	24.98	0.315	24.1	0.257	24.14	0.259
100	CP-OFDM 256QAM	1	1	23.26	0.212	22.15	0.164	23.95	0.248
100		1	136	22.85	0.193	23.14	0.206	23.47	0.222
100		1	271	22.64	0.184	22.48	0.177	22.85	0.193



100		135	1	23.55	0.226	23.47	0.222	24.4	0.275
100		135	67	23.68	0.233	23.93	0.247	23.16	0.207
100		135	136	23.47	0.222	23.85	0.243	23.48	0.223
100		270	0	23.98	0.250	23.1	0.204	23.47	0.222
Channel				507204		518598		529998	
Frequency (MHz)				2536.02		2592.99		2649.99	
				dBm	W	dBm	W	dBm	W
80	CP-OFDM PI/2 BPSK	1	1	26.61	0.458	26.67	0.465	25.71	0.372
80		1	108	26.50	0.447	26.56	0.453	25.53	0.357
80		1	215	26.73	0.471	26.51	0.448	25.55	0.359
80		108	1	25.18	0.330	25.66	0.368	25.29	0.338
80		108	54	25.46	0.352	25.37	0.344	25.42	0.348
80		108	108	25.42	0.348	25.35	0.343	25.38	0.345
80		216	0	25.32	0.340	25.31	0.340	25.54	0.358
80	CP-OFDM QPSK	1	1	25.74	0.375	26.17	0.414	26.02	0.400
80		1	108	25.60	0.363	25.15	0.327	26.47	0.444
80		1	215	26.39	0.436	26.27	0.424	26.14	0.411
80		108	1	26.13	0.410	25.98	0.396	25.13	0.326
80		108	54	26.09	0.406	26.26	0.423	25.76	0.377
80		108	108	26.11	0.408	25.15	0.327	25.11	0.324
80		216	0	25.69	0.371	26.10	0.407	25.15	0.327
80	CP-OFDM 16QAM	1	1	25.71	0.372	26.26	0.423	26.02	0.400
80		1	108	25.36	0.344	25.17	0.329	26.39	0.436
80		1	215	26.37	0.434	26.18	0.415	25.76	0.377
80		108	1	25.74	0.375	26.11	0.408	24.98	0.315
80		108	54	25.85	0.385	26.26	0.423	25.70	0.372
80		108	108	25.63	0.366	25.12	0.325	25.14	0.327
80		216	0	26.00	0.398	24.98	0.315	24.87	0.307
80	CP-OFDM 64QAM	1	1	25.6	0.363	25.29	0.338	25.79	0.379
80		1	108	25.85	0.385	24.48	0.281	25.14	0.327
80		1	215	26.32	0.429	25.28	0.337	25.06	0.321
80		108	1	25.13	0.326	24.87	0.307	24.48	0.281
80		108	54	24.48	0.281	24.88	0.308	24.44	0.278
80		108	108	24.78	0.301	23.74	0.237	23.47	0.222
80		216	0	23.98	0.250	24.87	0.307	24	0.251
80	CP-OFDM 256QAM	1	1	22.64	0.184	22.78	0.190	22.85	0.193
80		1	108	23.14	0.206	23.47	0.222	23.47	0.222
80		1	215	23.35	0.216	23.02	0.200	22.87	0.194



80		108	1	22.98	0.199	22.47	0.177	22.87	0.194
80		108	54	22.04	0.160	23.17	0.207	22.1	0.162
80		108	108	22.46	0.176	23.47	0.222	22.69	0.186
80		216	0	22.42	0.175	22.74	0.188	23.1	0.204
Channel				505200		518598		531996	
Frequency (MHz)				2526		2592.99		2559.98	
				dBm	W	dBm	W	dBm	W
60	CP-OFDM PI/2 BPSK	1	1	26.52	0.449	26.27	0.424	25.37	0.344
60		1	80	26.57	0.454	26.32	0.429	25.36	0.344
60		1	160	26.67	0.465	26.33	0.430	25.39	0.346
60		81	1	25.50	0.355	25.42	0.348	25.42	0.348
60		81	40	25.33	0.341	25.45	0.351	25.10	0.324
60		81	81	25.53	0.357	25.27	0.337	25.15	0.327
60		162	0	25.56	0.360	25.40	0.347	25.36	0.344
60	CP-OFDM QPSK	1	1	25.80	0.380	26.27	0.424	25.91	0.390
60		1	80	25.75	0.376	26.12	0.409	25.75	0.376
60		1	160	26.07	0.405	26.44	0.441	25.91	0.390
60		81	1	25.36	0.344	25.87	0.386	24.47	0.280
60		81	40	25.71	0.372	25.21	0.332	25.60	0.363
60		81	81	25.33	0.341	25.40	0.347	24.98	0.315
60		162	0	25.87	0.386	24.98	0.315	24.40	0.275
60	CP-OFDM 16QAM	1	1	25.64	0.366	26.10	0.407	25.75	0.376
60		1	80	26.41	0.438	25.98	0.396	24.87	0.307
60		1	160	26.19	0.416	26.20	0.417	25.63	0.366
60		81	1	26.14	0.411	25.97	0.395	24.98	0.315
60		81	40	25.58	0.361	26.29	0.426	25.57	0.361
60		81	81	25.87	0.386	25.33	0.341	25.85	0.385
60		162	0	25.71	0.372	25.15	0.327	24.87	0.307
60	CP-OFDM 64QAM	1	1	25.34	0.342	25.77	0.378	24.92	0.310
60		1	80	25.66	0.368	25.7	0.372	25.69	0.371
60		1	160	25.27	0.337	25.55	0.359	24.72	0.296
60		81	1	25.15	0.327	24.98	0.315	25.75	0.376
60		81	40	24.27	0.267	25.7	0.372	24.4	0.275
60		81	81	24.44	0.278	25.15	0.327	25.71	0.372
60		162	0	25.15	0.327	24.74	0.298	24.12	0.258
60	CP-OFDM 256QAM	1	1	23.81	0.240	23.96	0.249	23.67	0.233
60		1	80	23.97	0.249	23.47	0.222	23	0.200
60		1	160	23.98	0.250	23.16	0.207	23.71	0.235



60		81	1	23.14	0.206	23.14	0.206	23.47	0.222
60		81	40	22.82	0.191	23.33	0.215	22.95	0.197
60		81	81	22.87	0.194	22.478	0.177	23.1	0.204
60		162	0	22.05	0.160	22.14	0.164	21.87	0.154
Channel				503202		518598		534000	
Frequency (MHz)				2516.01		2592.99		2670	
				dBm	W	dBm	W	dBm	W
40	CP-OFDM PI/2 BPSK	1	1	26.39	0.436	25.47	0.352	25.54	0.358
40		1	53	26.52	0.449	25.56	0.360	25.52	0.356
40		1	104	26.36	0.433	26.45	0.442	25.58	0.361
40		50	1	26.47	0.444	26.44	0.441	25.61	0.364
40		50	25	26.37	0.434	25.63	0.366	25.56	0.360
40		50	50	26.53	0.450	26.59	0.456	25.56	0.360
40		100	0	25.48	0.353	25.54	0.358	24.56	0.286
40	CP-OFDM QPSK	1	1	26.62	0.459	26.28	0.425	26.95	0.495
40		1	53	26.01	0.399	26.22	0.419	25.98	0.396
40		1	104	25.98	0.396	25.69	0.371	26.32	0.429
40		50	1	25.87	0.386	26.16	0.413	26.00	0.398
40		50	25	26.35	0.432	26.09	0.406	26.81	0.480
40		50	50	26.36	0.433	26.46	0.443	25.98	0.396
40		100	0	26.47	0.444	26.74	0.472	26.00	0.398
40	CP-OFDM 16QAM	1	1	26.35	0.432	26.83	0.482	26.44	0.441
40		1	53	26.40	0.437	25.98	0.396	26.66	0.463
40		1	104	25.65	0.367	25.24	0.334	25.88	0.387
40		50	1	26.33	0.430	26.19	0.416	26.47	0.444
40		50	25	26.16	0.413	26.81	0.480	26.55	0.452
40		50	50	26.06	0.404	26.47	0.444	26.48	0.445
40		100	0	26.47	0.444	25.96	0.394	25.36	0.344
40	CP-OFDM 64QAM	1	1	25.81	0.381	26.93	0.493	25.62	0.365
40		1	53	25.16	0.328	25.75	0.376	25.06	0.321
40		1	104	24.95	0.313	26.32	0.429	25.03	0.318
40		50	1	25.98	0.396	25.05	0.320	25.45	0.351
40		50	25	25.01	0.317	25.49	0.354	25.22	0.333
40		50	50	24.75	0.299	25.95	0.394	24.45	0.279
40		100	0	25.2	0.331	24.85	0.305	25.16	0.328
40	CP-OFDM 256QAM	1	1	24.11	0.258	24.75	0.299	24.24	0.265
40		1	53	24.75	0.299	24.1	0.257	25	0.316
40		1	104	24.45	0.279	23.86	0.243	24.12	0.258



40		50	1	23.85	0.243	22.75	0.188	23.16	0.207
40		50	25	22.63	0.183	24.23	0.265	22.87	0.194
40		50	50	23.1	0.204	23.74	0.237	22.36	0.172
40		100	0	22.8	0.191	22.74	0.188	23.76	0.238
Channel				501204		518598		535998	
Frequency (MHz)				2506.02		2592.99		2679.99	
				dBm	W	dBm	W	dBm	W
20	CP-OFDM PI/2 BPSK	1	1	26.70	0.468	26.71	0.469	26.63	0.460
20		1	25	26.21	0.418	26.20	0.417	26.13	0.410
20		1	49	26.23	0.420	26.18	0.415	26.11	0.408
20		25	1	25.76	0.377	26.66	0.463	26.64	0.461
20		25	12	26.75	0.473	26.17	0.414	26.63	0.460
20		25	25	26.69	0.467	26.47	0.444	26.30	0.427
20		50	0	27.14	0.518	26.75	0.473	27.47	0.558
20	CP-OFDM QPSK	1	1	27.24	0.530	27.55	0.569	27.25	0.531
20		1	25	26.98	0.499	27.47	0.558	26.87	0.486
20		1	49	26.81	0.480	27.49	0.561	26.36	0.433
20		25	1	26.69	0.467	26.10	0.407	26.34	0.431
20		25	12	26.75	0.473	26.57	0.454	26.24	0.421
20		25	25	26.85	0.484	26.76	0.474	26.74	0.472
20		50	0	26.74	0.472	27.36	0.545	27.34	0.542
20	CP-OFDM 16QAM	1	1	26.73	0.471	27.02	0.504	26.75	0.473
20		1	25	26.97	0.498	27.03	0.505	27.17	0.521
20		1	49	26.35	0.432	27.51	0.564	26.88	0.488
20		25	1	27.00	0.501	26.14	0.411	26.97	0.498
20		25	12	26.76	0.474	26.56	0.453	26.19	0.416
20		25	25	26.69	0.467	26.00	0.398	26.87	0.486
20		50	0	25.98	0.396	26.11	0.408	26.84	0.483
20	CP-OFDM 64QAM	1	1	25.97	0.395	26.06	0.404	26.01	0.399
20		1	25	25.69	0.371	26.14	0.411	25.98	0.396
20		1	49	25.47	0.352	26.61	0.458	25.11	0.324
20		25	1	25.36	0.344	26.48	0.445	25.3	0.339
20		25	12	26.34	0.431	27	0.501	25.73	0.374
20		25	25	26.36	0.433	26.1	0.407	25.31	0.340
20		50	0	25.98	0.396	25.16	0.328	25	0.316
20	CP-OFDM 256QAM	1	1	22.92	0.196	23.66	0.232	23.17	0.207
20		1	25	23.79	0.239	22.98	0.199	23.99	0.251
20		1	49	23.2	0.209	23.43	0.220	22.75	0.188



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20		25	1	23.82	0.241	23.45	0.221	22.98	0.199
20		25	12	23.48	0.223	23.07	0.203	23.45	0.221
20		25	25	23.79	0.239	23.48	0.223	22.48	0.177
20		50	0	23.69	0.234	22.75	0.188	23.39	0.218



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

Attenuator 1

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

B12_N25					
BW(MHz)	ChannelLevel	Modulation		99% BW(MHz)	26dB BW(MHz)
20	Low	DFT-s-OFDM	PI/2 BPSK	18.01	18.85
	Low		QPSK	18.20	21.25
	Low		16QAM	17.96	18.86
	Low		64QAM	17.97	18.85
	Low		256QAM	17.98	18.83
	Low	CP-OFDM	QPSK	18.95	19.88
	Mid	DFT-s-OFDM	PI/2 BPSK	18.17	18.93
	Mid		QPSK	18.02	18.84
	Mid		16QAM	18.13	18.99
	Mid		64QAM	18.17	18.85
	Mid		256QAM	17.98	18.85
	Mid	CP-OFDM	QPSK	18.91	21.29
	High	DFT-s-OFDM	PI/2 BPSK	17.77	18.95
	High		QPSK	18.11	18.94
	High		16QAM	17.96	18.8
	High		64QAM	17.91	18.8
	High		256QAM	18.22	19.52
	High	CP-OFDM	QPSK	19.03	19.88
15	Low	DFT-s-OFDM	PI/2 BPSK	13.48	14.18
	Low		QPSK	13.64	14.24
	Low		16QAM	13.46	14.22
	Low		64QAM	13.51	14.21
	Low		256QAM	13.42	14.17
	Low	CP-OFDM	QPSK	14.25	15.07
	Mid	DFT-s-OFDM	PI/2 BPSK	13.50	14.32
	Mid		QPSK	13.49	14.28
	Mid		16QAM	13.58	14.29
	Mid		64QAM	13.51	14.15
	Mid		256QAM	13.45	14.16
	Mid	CP-OFDM	QPSK	14.11	14.84
	High	DFT-s-OFDM	PI/2 BPSK	13.53	14.51
	High		QPSK	13.53	14.02
	High		16QAM	13.43	14.17



	High	CP-OFDM	64QAM	13.51	14.11
	High		256QAM	13.49	14.13
	High		QPSK	14.16	14.91
10	Low	DFT-s-OFDM	PI/2 BPSK	8.94	9.61
	Low		QPSK	9.03	9.51
	Low		16QAM	8.99	9.62
	Low		64QAM	9.06	9.66
	Low		256QAM	8.94	9.50
	Low	CP-OFDM	QPSK	9.38	9.87
	Mid	DFT-s-OFDM	PI/2 BPSK	8.95	9.51
	Mid		QPSK	9.03	9.44
	Mid		16QAM	9.04	9.53
	Mid		64QAM	9.02	9.64
	Mid		256QAM	8.98	9.48
	Mid	CP-OFDM	QPSK	9.37	9.93
	High	DFT-s-OFDM	PI/2 BPSK	9.00	10.54
	High		QPSK	8.97	9.61
	High		16QAM	9.01	9.59
	High		64QAM	9.08	9.53
	High		256QAM	8.95	10.42
	High	CP-OFDM	QPSK	9.30	9.88
5	Low	DFT-s-OFDM	PI/2 BPSK	4.49	4.87
	Low		QPSK	4.47	4.71
	Low		16QAM	4.52	4.88
	Low		64QAM	4.52	4.96
	Low		256QAM	4.5	4.78
	Low	CP-OFDM	QPSK	4.53	4.93
	Mid	DFT-s-OFDM	PI/2 BPSK	4.47	4.78
	Mid		QPSK	4.51	4.69
	Mid		16QAM	4.49	4.81
	Mid		64QAM	4.48	4.73
	Mid		256QAM	4.50	4.78
	Mid	CP-OFDM	QPSK	4.49	4.83
	High	DFT-s-OFDM	PI/2 BPSK	4.49	5.04
	High		QPSK	4.53	5.11
	High		16QAM	4.52	7.46
	High		64QAM	4.54	4.76
	High		256QAM	4.48	7.52



	High	CP-OFDM	QPSK	4.56	5.17
B26_N41					
BW(MHz)	ChannelLevel	Modulation		99% BW(MHz)	26dB BW(MHz)
100	Low	DFT-s-OFDM	PI/2 BPSK	97.31	102.09
	Low		QPSK	96.98	104.35
	Low		16QAM	97.55	102.03
	Low		64QAM	97.36	101.59
	Low		256QAM	96.79	101.52
	Low	CP-OFDM	QPSK	97.88	102.46
	Mid	DFT-s-OFDM	PI/2 BPSK	97.93	100.98
	Mid		QPSK	98.52	103.83
	Mid		16QAM	96.64	100.89
	Mid		64QAM	96.75	104.31
	Mid		256QAM	96.38	101.49
	Mid	CP-OFDM	QPSK	97.96	102.57
	High	DFT-s-OFDM	PI/2 BPSK	97.93	100.98
	High		QPSK	98.52	103.83
	High		16QAM	96.64	100.89
	High		64QAM	96.75	104.31
	High		256QAM	96.38	101.49
	High	CP-OFDM	QPSK	97.96	102.57
80	Low	DFT-s-OFDM	PI/2 BPSK	77.71	84.64
	Low		QPSK	77.84	81.43
	Low		16QAM	77.70	81.46
	Low		64QAM	78.01	81.41
	Low		256QAM	77.44	81.14
	Low	CP-OFDM	QPSK	77.93	80.90
	Mid	DFT-s-OFDM	PI/2 BPSK	77.95	84.13
	Mid		QPSK	78.28	83.91
	Mid		16QAM	77.55	81.32
	Mid		64QAM	77.41	81.11
	Mid		256QAM	77.21	85.19
	Mid	CP-OFDM	QPSK	77.8	81.59
	High	DFT-s-OFDM	PI/2 BPSK	77.65	81.27
	High		QPSK	77.94	81.66
	High		16QAM	78.20	80.82
	High		64QAM	77.73	84.37



	High	CP-OFDM	256QAM	78.63	81.02
	High		QPSK	79.03	81.65
60	Low	DFT-s-OFDM	PI/2 BPSK	58.64	62.21
	Low		QPSK	58.63	61.09
	Low		16QAM	58.27	62.78
	Low		64QAM	59.02	61.29
	Low		256QAM	57.96	64.0
	Low	CP-OFDM	QPSK	59.28	61.13
	Mid	DFT-s-OFDM	PI/2 BPSK	58.48	62.49
	Mid		QPSK	58.49	62.45
	Mid		16QAM	57.94	60.64
	Mid		64QAM	58.52	64.55
	Mid		256QAM	58.04	60.97
	Mid	CP-OFDM	QPSK	59.10	64.30
	High	DFT-s-OFDM	PI/2 BPSK	58.48	61.25
	High		QPSK	59.01	61.21
	High		16QAM	59.07	61.05
	High		64QAM	58.44	61.02
	High		256QAM	58.69	60.38
	High	CP-OFDM	QPSK	58.20	61.07
40	Low	DFT-s-OFDM	PI/2 BPSK	36.03	39.81
	Low		QPSK	36.21	39.50
	Low		16QAM	36.56	37.71
	Low		64QAM	35.94	38.83
	Low		256QAM	36.16	37.80
	Low	CP-OFDM	QPSK	38.56	40.28
	Mid	DFT-s-OFDM	PI/2 BPSK	36.27	41.01
	Mid		QPSK	36.84	41.03
	Mid		16QAM	36.28	39.99
	Mid		64QAM	36.55	44.14
	Mid		256QAM	36.69	39.15
	Mid	CP-OFDM	QPSK	38.38	41.67
	High	DFT-s-OFDM	PI/2 BPSK	36.40	40.48
	High		QPSK	36.43	40.44
	High		16QAM	36.55	39.29
	High		64QAM	36.47	38.40
	High		256QAM	36.51	37.88
	High	CP-OFDM	QPSK	38.26	41.47



20	Low	DFT-s-OFDM	PI/2 BPSK	17.91	18.91
	Low		QPSK	17.98	18.96
	Low		16QAM	17.89	19.07
	Low		64QAM	17.80	18.95
	Low		256QAM	18.10	19.08
	Low	CP-OFDM	QPSK	18.26	19.55
	Mid	DFT-s-OFDM	PI/2 BPSK	17.98	20.99
	Mid		QPSK	17.98	19.22
	Mid		16QAM	18.21	18.98
	Mid		64QAM	17.77	18.94
	Mid		256QAM	17.87	18.78
	Mid	CP-OFDM	QPSK	18.32	19.32
	High	DFT-s-OFDM	PI/2 BPSK	17.95	18.81
	High		QPSK	18.01	19.14
	High		16QAM	18.15	19.30
	High		64QAM	18.00	19.13
	High		256QAM	17.90	18.85
	High	CP-OFDM	QPSK	18.27	19.38



B66_N2					
BW(MHz)	ChannelLevel	Modulation		99% BW(MHz)	26dB BW(MHz)
20	Low	DFT-s-OFDM	PI/2 BPSK	18.17	19.01
	Low		QPSK	17.95	18.88
	Low		16QAM	18.04	18.85
	Low		64QAM	18.17	18.96
	Low		256QAM	17.94	18.88
	Low	CP-OFDM	QPSK	19.13	19.83
	Mid	DFT-s-OFDM	PI/2 BPSK	18.00	18.90
	Mid		QPSK	18.12	19.00
	Mid		16QAM	17.98	18.90
	Mid		64QAM	18.07	21.02
	Mid		256QAM	18.02	18.88
	Mid	CP-OFDM	QPSK	19.02	21.69
	High	DFT-s-OFDM	PI/2 BPSK	18.02	18.83
	High		QPSK	18.22	18.98
	High		16QAM	18.01	18.89
	High		64QAM	17.95	18.75
	High		256QAM	18.00	18.85
	High	CP-OFDM	QPSK	18.99	19.97
15	Low	DFT-s-OFDM	PI/2 BPSK	13.55	14.22
	Low		QPSK	13.53	14.39
	Low		16QAM	13.61	14.23
	Low		64QAM	13.55	14.19
	Low		256QAM	13.50	14.26
	Low	CP-OFDM	QPSK	14.37	14.82
	Mid	DFT-s-OFDM	PI/2 BPSK	13.52	14.17
	Mid		QPSK	13.61	15.80
	Mid		16QAM	13.46	14.26
	Mid		64QAM	13.53	14.25
	Mid		256QAM	13.60	15.57
	Mid	CP-OFDM	QPSK	14.29	14.91
	High	DFT-s-OFDM	PI/2 BPSK	13.60	15.72
	High		QPSK	13.51	14.33
	High		16QAM	13.50	16.12
	High		64QAM	13.46	14.16



	High		256QAM	13.54	14.25
	High	CP-OFDM	QPSK	14.18	16.63
10	Low	DFT-s-OFDM	PI/2 BPSK	9.03	9.45
	Low		QPSK	9.00	9.48
	Low		16QAM	9.09	9.48
	Low		64QAM	8.93	9.64
	Low		256QAM	8.96	9.54
	Low	CP-OFDM	QPSK	9.40	9.92
	Mid	DFT-s-OFDM	PI/2 BPSK	9.04	9.54
	Mid		QPSK	9.04	9.62
	Mid		16QAM	9.05	9.63
	Mid		64QAM	9.01	9.61
	Mid		256QAM	9.00	9.42
	Mid	CP-OFDM	QPSK	9.37	9.89
	High	DFT-s-OFDM	PI/2 BPSK	9.00	9.49
	High		QPSK	8.98	9.67
	High		16QAM	9.00	9.60
	High		64QAM	8.96	9.55
	High		256QAM	8.97	9.46
	High	CP-OFDM	QPSK	9.37	10.37
5	Low	DFT-s-OFDM	PI/2 BPSK	4.51	4.92
	Low		QPSK	4.50	4.90
	Low		16QAM	4.46	4.87
	Low		64QAM	4.47	4.89
	Low		256QAM	4.47	4.83
	Low	CP-OFDM	QPSK	4.52	4.84
	Mid	DFT-s-OFDM	PI/2 BPSK	4.48	4.89
	Mid		QPSK	4.38	4.78
	Mid		16QAM	4.52	4.88
	Mid		64QAM	4.46	4.77
	Mid		256QAM	4.51	4.84
	Mid	CP-OFDM	QPSK	4.48	4.84
	High	DFT-s-OFDM	PI/2 BPSK	4.50	4.89
	High		QPSK	4.51	4.93
	High		16QAM	4.49	4.87
	High		64QAM	4.48	4.84
	High		256QAM	4.52	4.83
	High	CP-OFDM	QPSK	4.48	4.81



B66_N5					
BW(MHz)	ChannelLevel	Modulation		99% BW(MHz)	26dB BW(MHz)
20	Low	DFT-s-OFDM	PI/2 BPSK	18.00	18.95
	Low		QPSK	18.06	18.97
	Low		16QAM	18.09	19.44
	Low		64QAM	18.14	19.93
	Low		256QAM	18.05	18.88
	Low	CP-OFDM	QPSK	18.99	19.94
	Mid	DFT-s-OFDM	PI/2 BPSK	18.12	18.92
	Mid		QPSK	18.04	19.11
	Mid		16QAM	18.12	18.98
	Mid		64QAM	18.09	18.89
	Mid		256QAM	18.02	18.88
	Mid	CP-OFDM	QPSK	19.04	20.12
	High	DFT-s-OFDM	PI/2 BPSK	18.03	19.05
	High		QPSK	18.03	18.98
	High		16QAM	18.03	19.05
	High		64QAM	18.12	19.07
	High		256QAM	17.98	18.82
	High	CP-OFDM	QPSK	18.96	19.98
15	Low	DFT-s-OFDM	PI/2 BPSK	13.55	14.33
	Low		QPSK	13.62	14.32
	Low		16QAM	13.56	14.38
	Low		64QAM	13.70	14.32
	Low		256QAM	13.54	14.34
	Low	CP-OFDM	QPSK	14.22	14.99
	Mid	DFT-s-OFDM	PI/2 BPSK	13.59	14.36
	Mid		QPSK	13.54	16.26
	Mid		16QAM	13.48	14.40
	Mid		64QAM	13.56	14.27
	Mid		256QAM	13.48	14.32
	Mid	CP-OFDM	QPSK	14.12	14.99
	High	DFT-s-OFDM	PI/2 BPSK	13.61	14.31
	High		QPSK	13.58	14.54
	High		16QAM	13.53	14.30
	High		64QAM	13.50	14.28
	High		256QAM	13.50	14.31



	High	CP-OFDM	QPSK	14.24	14.97
10	Low	DFT-s-OFDM	PI/2 BPSK	8.96	9.61
	Low		QPSK	9.00	9.86
	Low		16QAM	9.05	9.67
	Low		64QAM	9.01	9.60
	Low		256QAM	8.93	9.98
	Low	CP-OFDM	QPSK	9.45	10.07
	Mid	DFT-s-OFDM	PI/2 BPSK	9.02	11.09
	Mid		QPSK	9.03	9.83
	Mid		16QAM	9.05	9.65
	Mid		64QAM	9.03	10.79
	Mid		256QAM	8.98	9.53
	Mid	CP-OFDM	QPSK	9.44	9.99
	High	DFT-s-OFDM	PI/2 BPSK	9.00	9.63
	High		QPSK	9.01	9.69
	High		16QAM	8.99	9.69
	High		64QAM	9.04	9.71
	High		256QAM	8.96	9.50
	High	CP-OFDM	QPSK	9.40	10.14
5	Low	DFT-s-OFDM	PI/2 BPSK	4.50	4.95
	Low		QPSK	4.54	4.97
	Low		16QAM	4.49	4.79
	Low		64QAM	4.47	4.89
	Low		256QAM	4.51	4.84
	Low	CP-OFDM	QPSK	4.49	4.86
	Mid	DFT-s-OFDM	PI/2 BPSK	4.5	4.95
	Mid		QPSK	4.49	4.90
	Mid		16QAM	4.48	4.81
	Mid		64QAM	4.48	4.83
	Mid		256QAM	4.51	4.83
	Mid	CP-OFDM	QPSK	4.49	4.88
	High	DFT-s-OFDM	PI/2 BPSK	4.50	4.89
	High		QPSK	4.50	4.88
	High		16QAM	4.52	4.85
	High		64QAM	3.72	4.10
	High		256QAM	4.49	4.89
	High	CP-OFDM	QPSK	4.53	4.76



B66_N71					
BW(MHz)	ChannelLevel	Modulation		99% BW(MHz)	26dB BW(MHz)
20	Low	DFT-s-OFDM	PI/2 BPSK	18.01	21.12
	Low		QPSK	18.04	19.66
	Low		16QAM	18.04	20.44
	Low		64QAM	18.08	18.88
	Low		256QAM	17.85	18.85
	Low	CP-OFDM	QPSK	19.10	20.06
	Mid	DFT-s-OFDM	PI/2 BPSK	18.17	19.02
	Mid		QPSK	18.03	18.98
	Mid		16QAM	18.02	18.93
	Mid		64QAM	18.19	18.93
	Mid		256QAM	17.98	18.81
	Mid	CP-OFDM	QPSK	18.99	20.01
	High	DFT-s-OFDM	PI/2 BPSK	18.02	18.99
	High		QPSK	18.06	18.92
	High		16QAM	18.02	19.23
	High		64QAM	18.07	18.90
	High		256QAM	18.10	18.99
	High	CP-OFDM	QPSK	19.03	19.91
15	Low	DFT-s-OFDM	PI/2 BPSK	13.52	14.34
	Low		QPSK	13.57	14.16
	Low		16QAM	13.62	14.39
	Low		64QAM	13.37	14.25
	Low		256QAM	13.44	14.12
	Low	CP-OFDM	QPSK	14.24	15.31
	Mid	DFT-s-OFDM	PI/2 BPSK	13.57	14.31
	Mid		QPSK	13.60	14.20
	Mid		16QAM	13.58	15.73
	Mid		64QAM	13.53	14.15
	Mid		256QAM	13.68	14.46
	Mid	CP-OFDM	QPSK	14.20	15.04
	High	DFT-s-OFDM	PI/2 BPSK	13.61	14.39
	High		QPSK	13.58	14.18
	High		16QAM	13.45	14.15
	High		64QAM	13.53	14.17
	High		256QAM	13.45	14.06



	High	CP-OFDM	QPSK	13.43	14.83
10	Low	DFT-s-OFDM	PI/2 BPSK	8.97	9.49
	Low		QPSK	8.97	9.88
	Low		16QAM	9.05	11.08
	Low		64QAM	8.95	10.62
	Low		256QAM	8.92	12.30
	Low	CP-OFDM	QPSK	9.35	10.54
	Mid	DFT-s-OFDM	PI/2 BPSK	9.05	9.73
	Mid		QPSK	9.08	9.50
	Mid		16QAM	9.06	9.78
	Mid		64QAM	8.99	9.50
	Mid		256QAM	8.63	9.36
	Mid	CP-OFDM	QPSK	9.37	10.18
	High	DFT-s-OFDM	PI/2 BPSK	8.91	10.73
	High		QPSK	8.99	10.45
	High		16QAM	9.01	9.86
	High		64QAM	8.98	9.49
	High		256QAM	8.89	9.38
	High	CP-OFDM	QPSK	9.36	9.89
5	Low	DFT-s-OFDM	PI/2 BPSK	4.51	5.28
	Low		QPSK	4.50	6.71
	Low		16QAM	4.50	4.92
	Low		64QAM	4.48	4.80
	Low		256QAM	4.49	7.35
	Low	CP-OFDM	QPSK	4.51	6.26
	Mid	DFT-s-OFDM	PI/2 BPSK	4.35	4.70
	Mid		QPSK	4.51	4.80
	Mid		16QAM	4.50	4.94
	Mid		64QAM	4.50	4.85
	Mid		256QAM	4.49	4.76
	Mid	CP-OFDM	QPSK	4.45	4.80
	High	DFT-s-OFDM	PI/2 BPSK	4.48	4.86
	High		QPSK	4.53	4.86
	High		16QAM	4.49	4.86
	High		64QAM	4.47	4.79
	High		256QAM	4.54	4.81
	High	CP-OFDM	QPSK	4.50	4.87

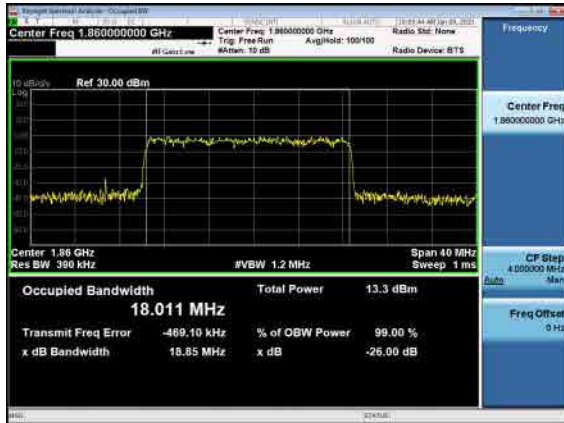


B71_N66					
BW(MHz)	ChannelLevel	Modulation		99% BW(MHz)	26dB BW(MHz)
20	Low	DFT-s-OFDM	PI/2 BPSK	17.99	18.97
	Low		QPSK	17.96	18.91
	Low		16QAM	18.17	18.90
	Low		64QAM	18.02	18.86
	Low		256QAM	18.00	18.84
	Low	CP-OFDM	QPSK	19.05	20.00
	Mid	DFT-s-OFDM	PI/2 BPSK	18.02	18.86
	Mid		QPSK	18.01	18.85
	Mid		16QAM	17.89	18.85
	Mid		64QAM	17.97	18.85
	Mid		256QAM	18.00	18.82
	Mid	CP-OFDM	QPSK	18.91	19.83
	High	DFT-s-OFDM	PI/2 BPSK	18.03	18.92
	High		QPSK	18.01	19.10
	High		16QAM	18.08	18.87
	High		64QAM	18.08	18.87
	High		256QAM	18.02	18.83
	High	CP-OFDM	QPSK	19.08	19.90
15	Low	DFT-s-OFDM	PI/2 BPSK	13.54	14.33
	Low		QPSK	13.50	14.17
	Low		16QAM	13.56	14.18
	Low		64QAM	13.55	14.29
	Low		256QAM	13.42	14.14
	Low	CP-OFDM	QPSK	14.15	14.96
	Mid	DFT-s-OFDM	PI/2 BPSK	13.56	14.35
	Mid		QPSK	13.61	14.30
	Mid		16QAM	13.56	14.36
	Mid		64QAM	13.52	14.11
	Mid		256QAM	13.64	14.25
	Mid	CP-OFDM	QPSK	14.21	14.83
	High	DFT-s-OFDM	PI/2 BPSK	13.58	14.28
	High		QPSK	13.54	14.21
	High		16QAM	13.54	14.18
	High		64QAM	13.60	14.32
	High		256QAM	13.56	14.17

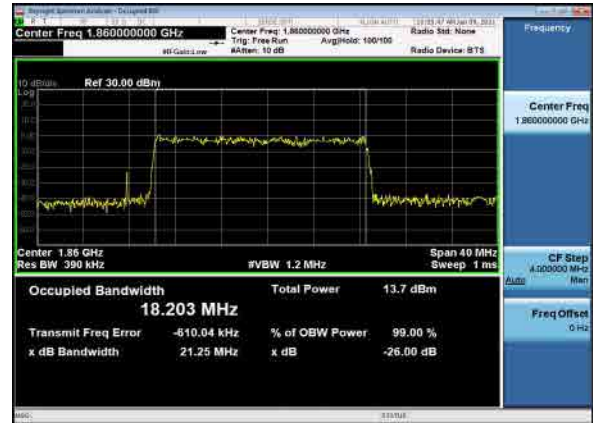


	High	CP-OFDM	QPSK	14.20	14.88
10	Low	DFT-s-OFDM	PI/2 BPSK	9.00	9.54
	Low		QPSK	9.05	9.64
	Low		16QAM	9.04	9.61
	Low		64QAM	9.01	9.44
	Low		256QAM	9.08	9.42
	Low	CP-OFDM	QPSK	9.38	9.90
	Mid	DFT-s-OFDM	PI/2 BPSK	9.00	9.45
	Mid		QPSK	9.04	9.59
	Mid		16QAM	9.03	9.58
	Mid		64QAM	8.99	9.62
	Mid		256QAM	8.98	9.45
	Mid	CP-OFDM	QPSK	9.38	9.89
	High	DFT-s-OFDM	PI/2 BPSK	9.01	9.56
	High		QPSK	8.98	9.49
	High		16QAM	9.04	9.48
	High		64QAM	8.96	9.59
	High		256QAM	8.97	9.57
	High	CP-OFDM	QPSK	9.43	9.83
5	Low	DFT-s-OFDM	PI/2 BPSK	4.51	4.92
	Low		QPSK	4.53	4.76
	Low		16QAM	4.50	4.88
	Low		64QAM	4.48	4.86
	Low		256QAM	4.48	4.77
	Low	CP-OFDM	QPSK	4.46	4.85
	Mid	DFT-s-OFDM	PI/2 BPSK	4.49	4.91
	Mid		QPSK	4.50	4.88
	Mid		16QAM	4.50	4.90
	Mid		64QAM	4.48	4.92
	Mid		256QAM	4.45	4.78
	Mid	CP-OFDM	QPSK	4.49	4.82
	High	DFT-s-OFDM	PI/2 BPSK	4.47	4.93
	High		QPSK	4.50	4.91
	High		16QAM	4.49	4.88
	High		64QAM	4.51	4.91
	High		256QAM	4.50	4.88
	High	CP-OFDM	QPSK	4.49	4.85

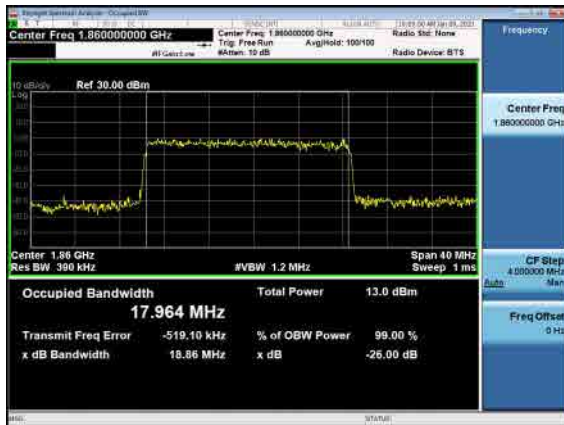
B12_N25(20M)_DFT-s-OFDM_PI_2-BPSK_Low CH



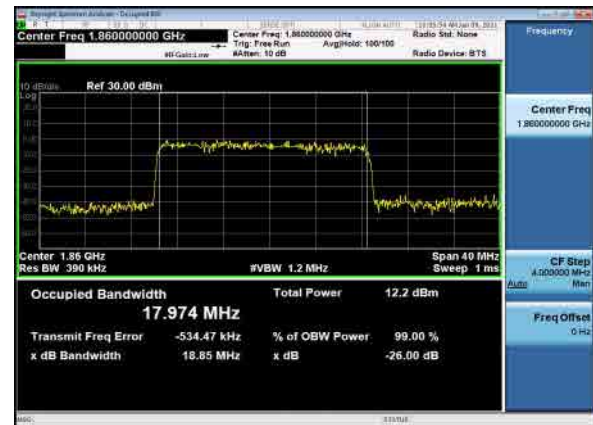
B12_N25(20M)_DFT-s-OFDM_QPSK_Low CH



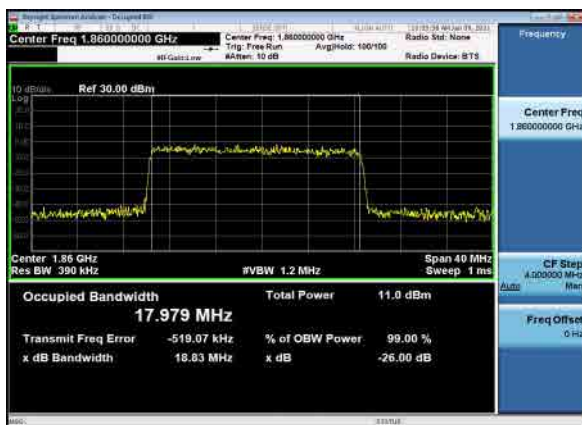
B12_N25(20M)_DFT-s-OFDM_16 QAM_Low CH



B12_N25(20M)_DFT-s-OFDM_64 QAM_Low CH



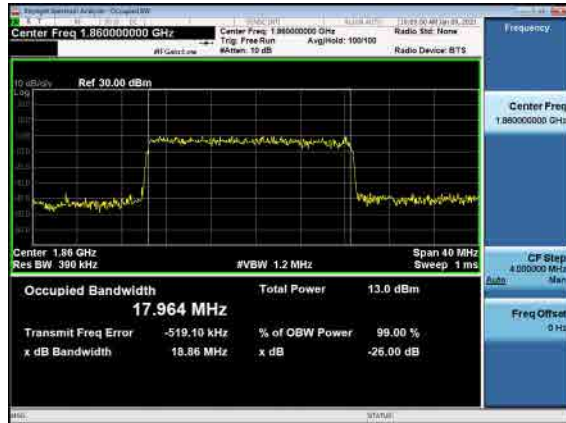
B12_N25(20M)_DFT-s-OFDM_256 QAM_Low CH



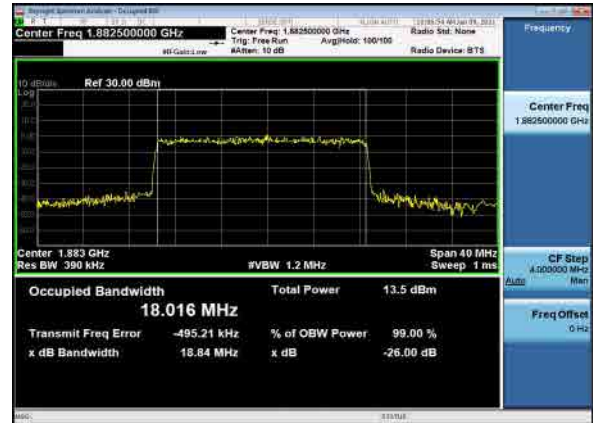
B12_N25(20M)_CP-OFDM_QPSK_Low CH



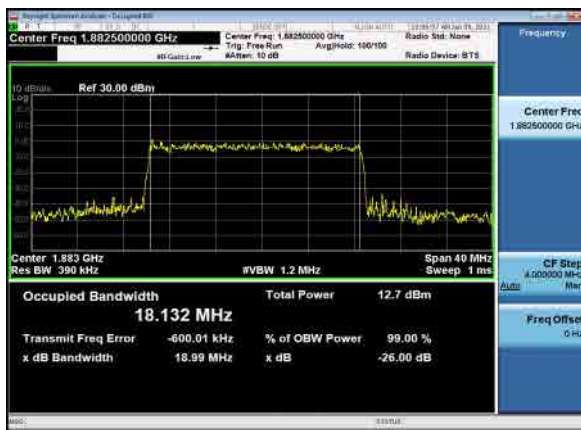
B12_N25(20M)_DFT-s-OFDM_PI_2-BPSK_Middle_OBW



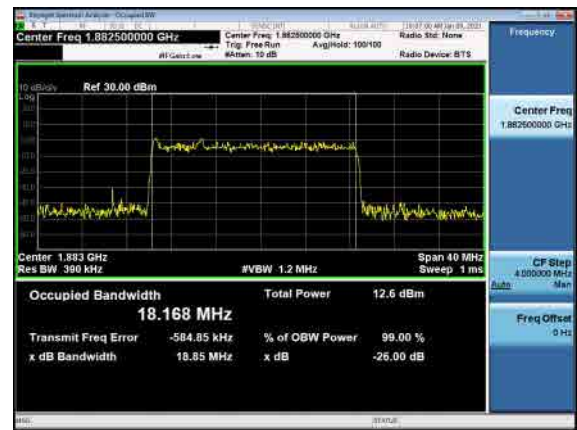
B12_N25(20M)_DFT-s-OFDM_QPSK_Middle CH



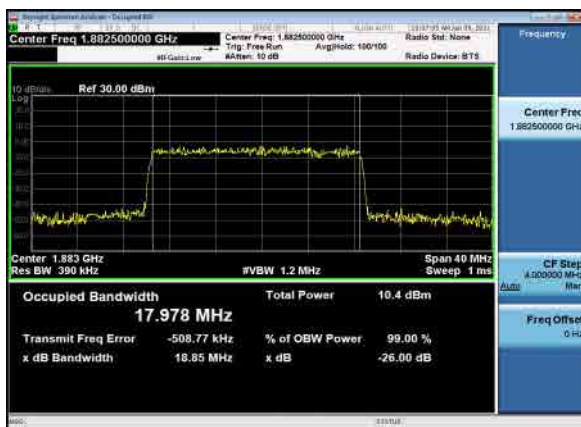
B12_N25(20M)_DFT-s-OFDM_16 QAM_Middle CH



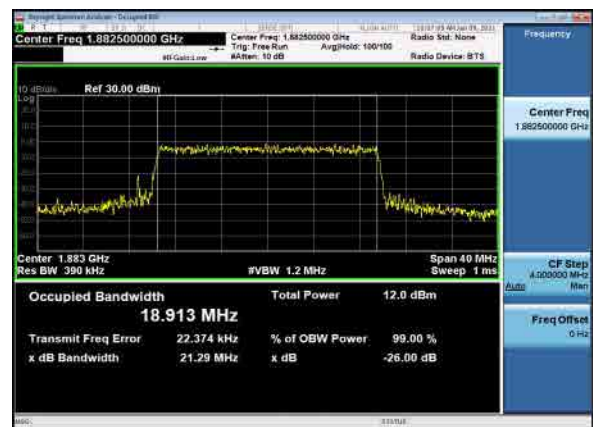
B12_N25(20M)_DFT-s-OFDM_64QAM_MiddleCH



B12_N25(20M)_DFT-s-OFDM_256 QAM_Middle



B12_N25(20M)_CP-OFDM_QPSK_Middle CH



B12_N25(20M)_DFT-s-OFDM_PI_2-BPSK_high CH



B12_N25(20M)_DFT-s-OFDM_QPSK_high CH



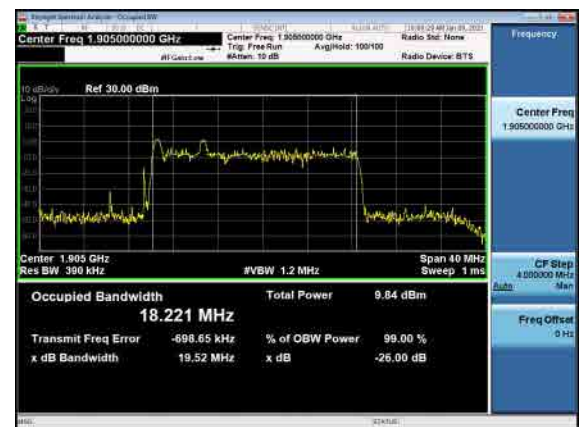
B12_N25(20M)_DFT-s-OFDM_16 QAM_high CH



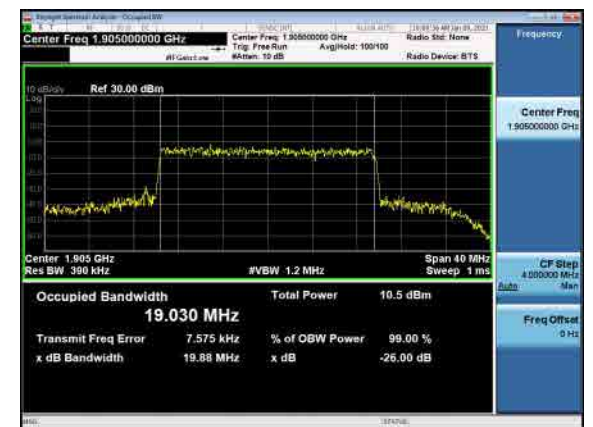
B12_N25(20M)_DFT-s-OFDM_64 QAM_high CH



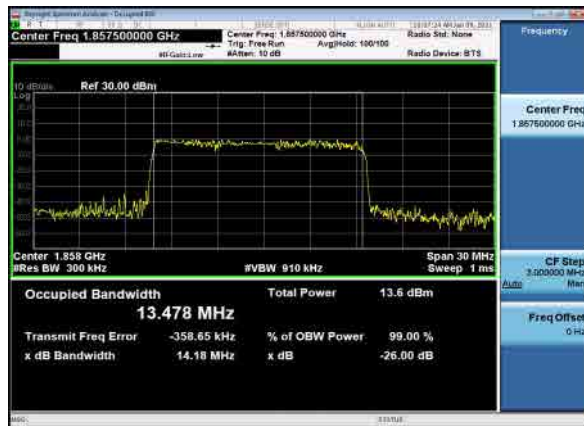
B12_N25(20M)_DFT-s-OFDM_256 QAM_high CH



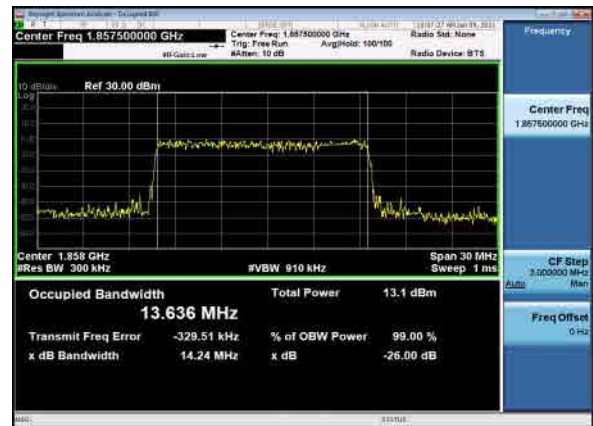
B12_N25(20M)_CP-OFDM_QPSK_high CH



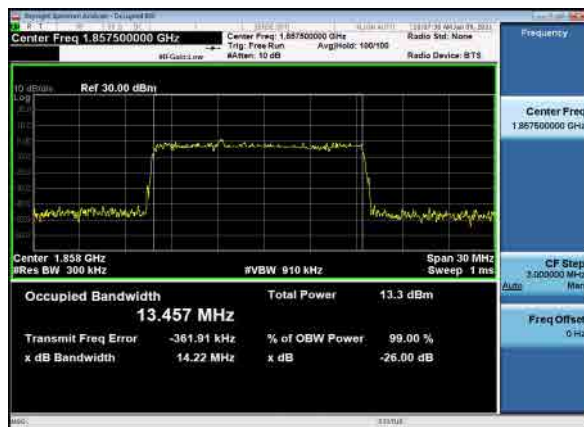
B12_N25(15M)_DFT-s-OFDM_PI_2-BPSK_low_OBW



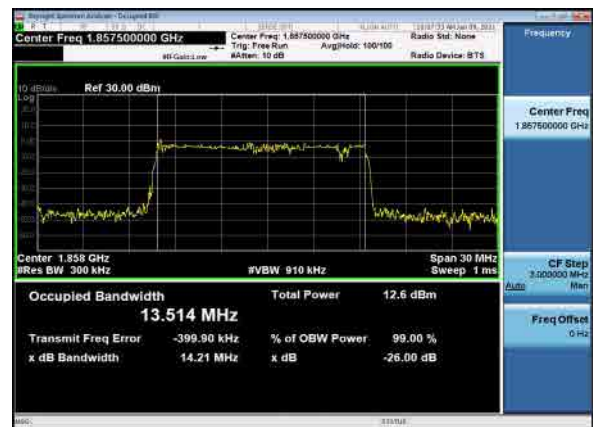
B12_N25(15M)_DFT-s-OFDM_QPSK_low_OBW



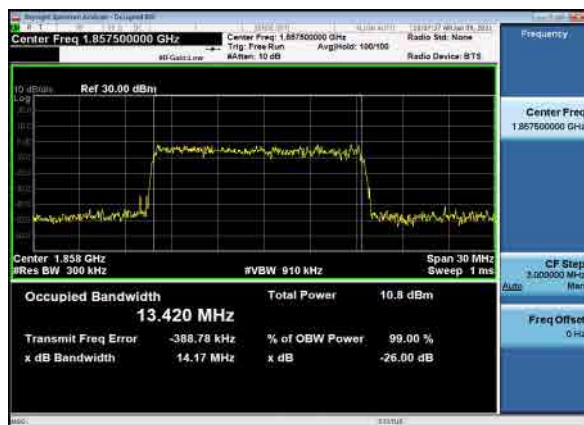
B12_N25(15M)_DFT-s-OFDM_16 QAM_low CH



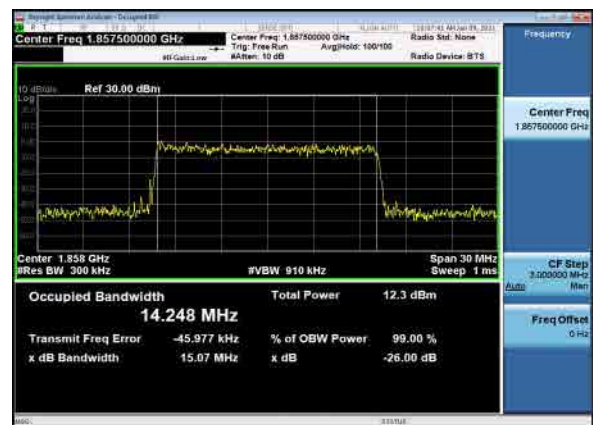
B12_N25(15M)_DFT-s-OFDM_64 QAM_low CH



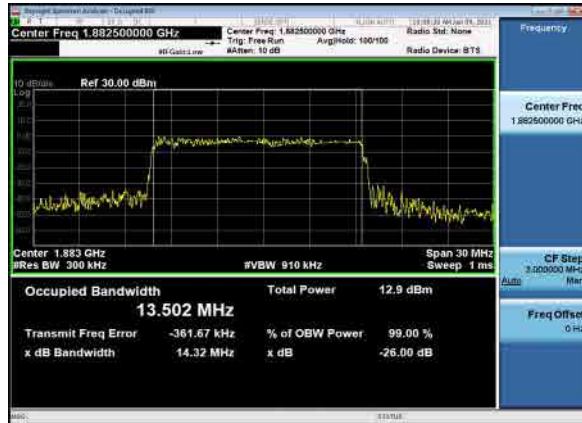
B12_N25(15M)_DFT-s-OFDM_256 QAM_low CH



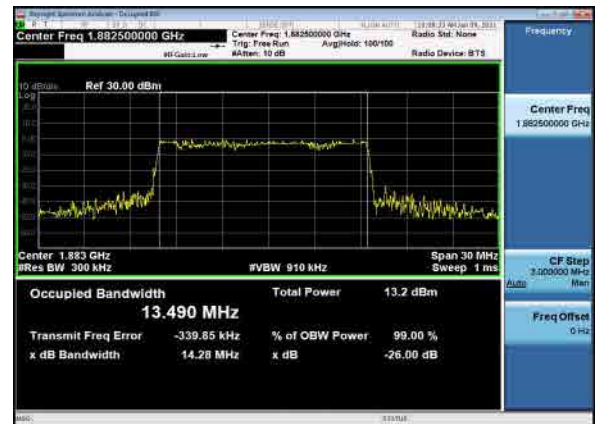
B12_N25(15M)_CP-OFDM_QPSK_low CH



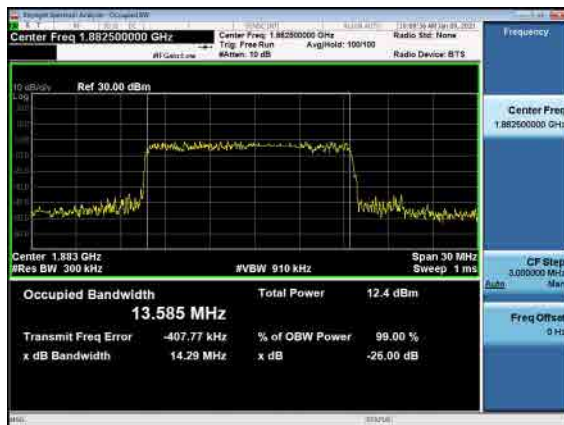
B12_N25(15M)_DFT-s-OFDM_PI_2-BPSK_middle CH



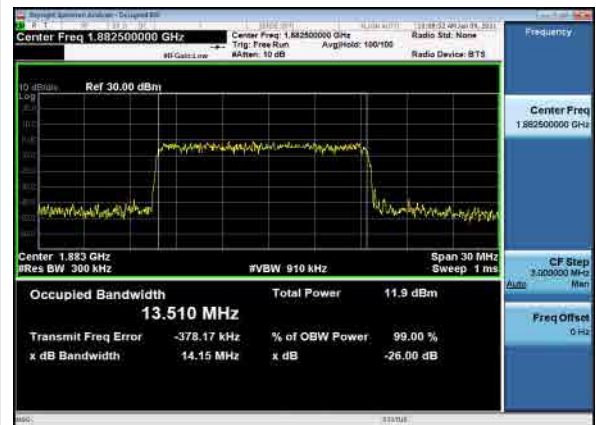
B12_N25(15M)_DFT-s-OFDM_QPSK_middle CH



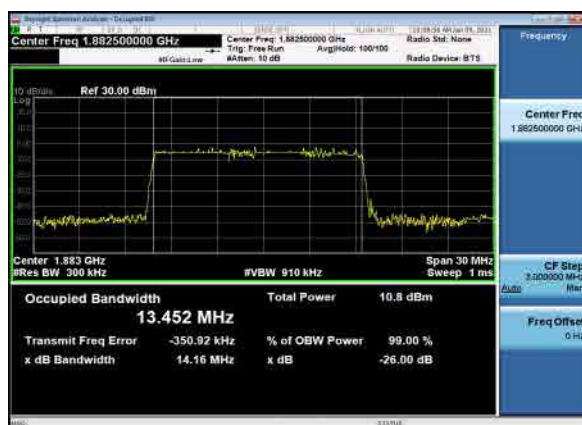
B12_N25(15M)_DFT-s-OFDM_16 QAM_middle_OBW



B12_N25(15M)_DFT-s-OFDM_64 QAM_middle_OBW



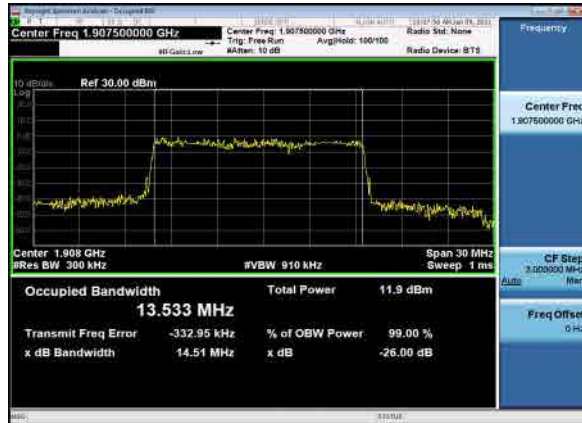
B12_N25(15M)_DFT-s-OFDM_256 QAM_middle_OBW



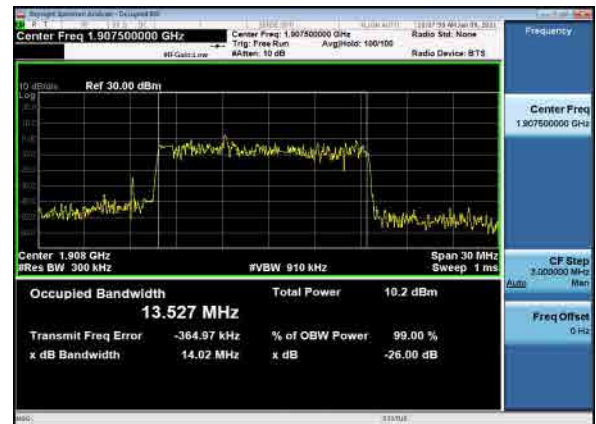
B12_N25(15M)_CP-OFDM_QPSK_middle_OBW



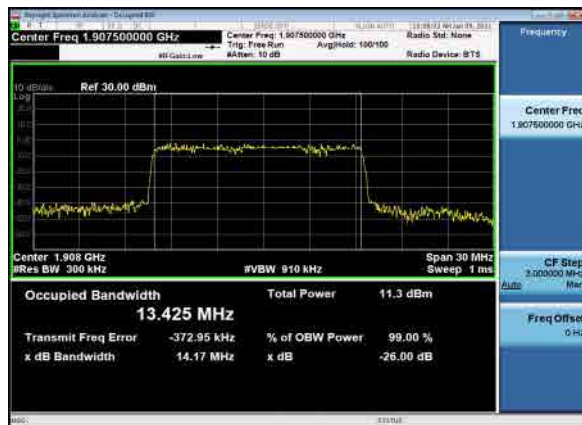
B12_N25(15M)_DFT-s-OFDM_PI_2-BPSK_high_OBW



B12_N25(15M)_DFT-s-OFDM_QPSK_high_OBW



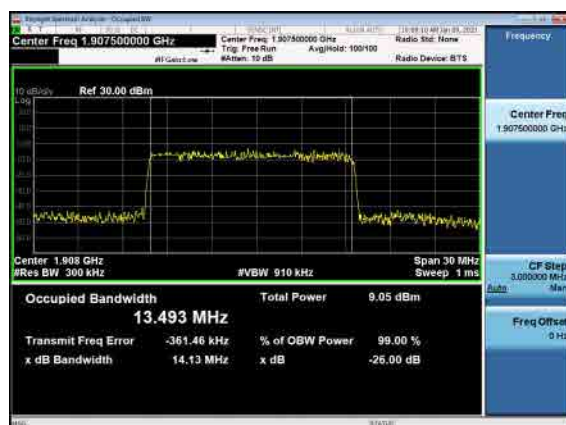
B12_N25(15M)_DFT-s-OFDM_16 QAM_high_OBW



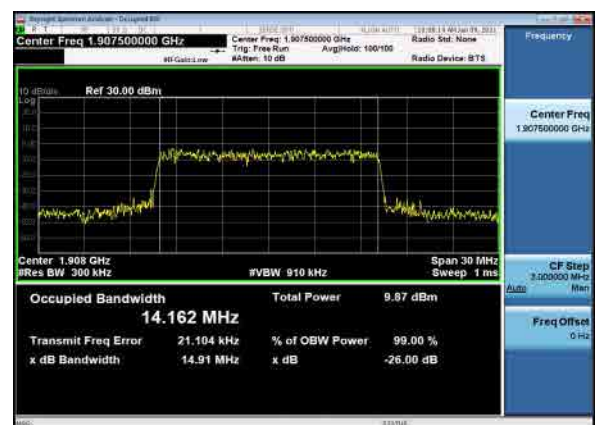
B12_N25(15M)_DFT-s-OFDM_64 QAM_high_OBW



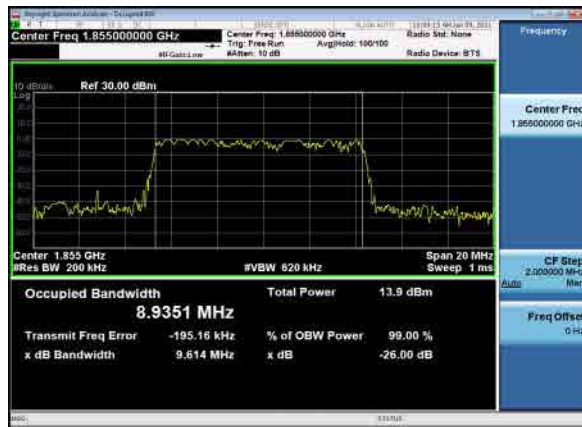
B12_N25(15M)_DFT-s-OFDM_256 QAM_high_OBW



B12_N25(15M)_CP-OFDM_QPSK_high_OBW



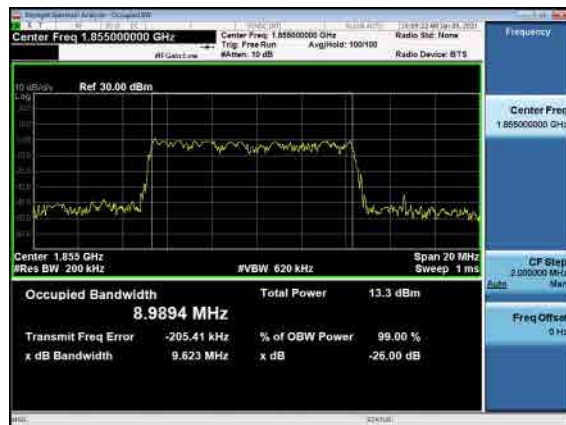
B12_N25(10M)_DFT-s-OFDM_PI_2-BPSK_low_OBW



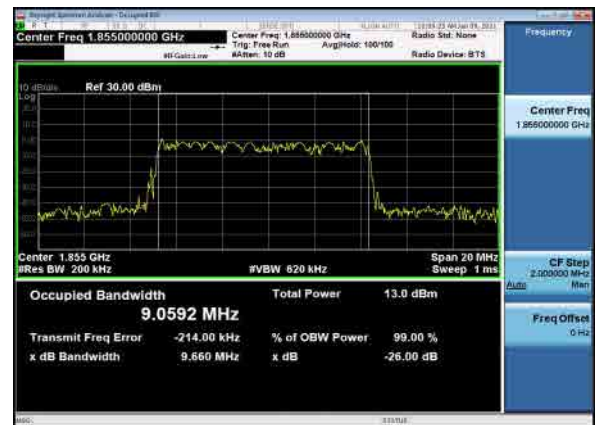
B12_N25(10M)_DFT-s-OFDM_QPSK_low_OBW



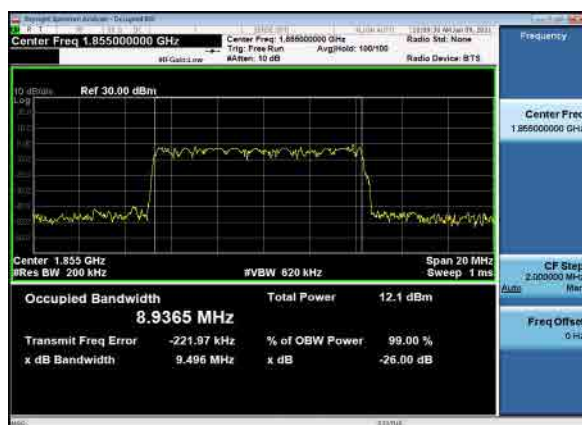
B12_N25(10M)_DFT-s-OFDM_16 QAM_low_OBW



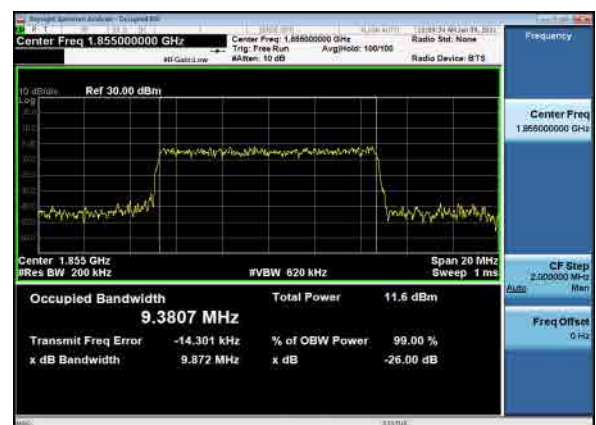
B12_N25(10M)_DFT-s-OFDM_64 QAM_low_OBW



B12_N25(10M)_DFT-s-OFDM_256 QAM_low_OBW



B12_N25(10M)_CP-OFDM_QPSK_low_OBW



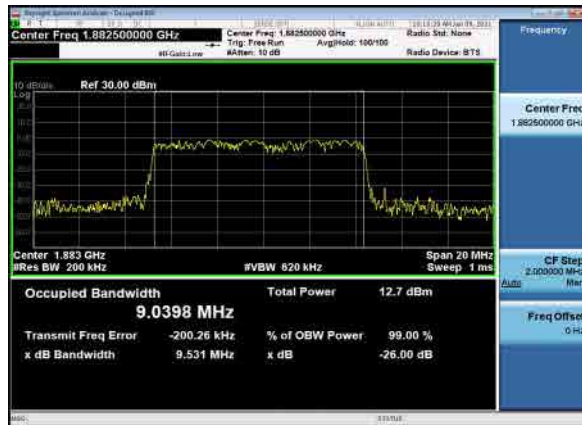
B12_N25(10M)_DFT-s-OFDM_PI_2-BPSK_middle_OBW



B12_N25(10M)_DFT-s-OFDM_QPSK_middle_OBW



B12_N25(10M)_DFT-s-OFDM_16 QAM_middle_OBW



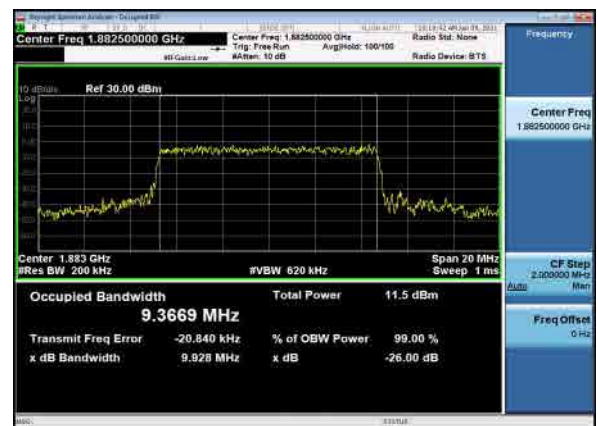
B12_N25(10M)_DFT-s-OFDM_64 QAM_middle_OBW



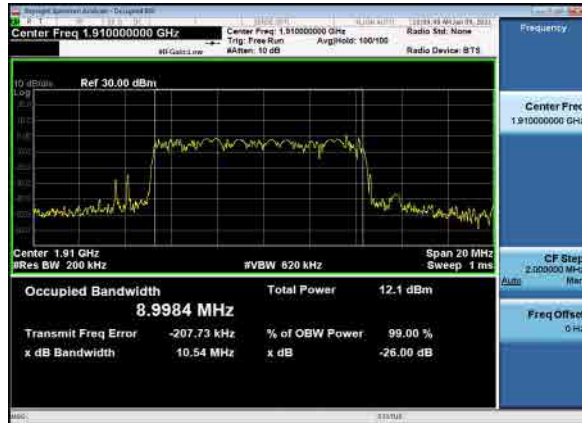
B12_N25(10M)_DFT-s-OFDM_256 QAM_middle_OBW



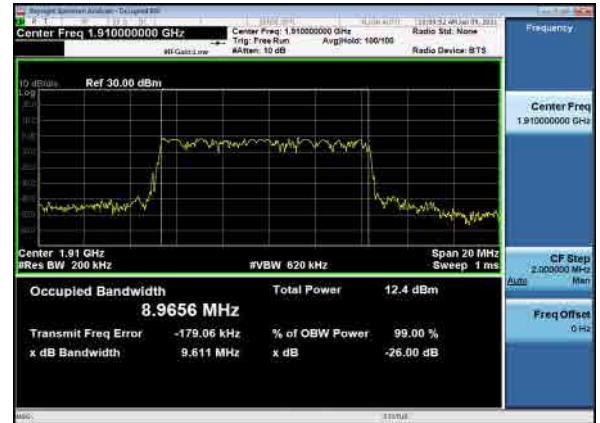
B12_N25(10M)_CP-OFDM_QPSK_middle_OBW



B12_N25(10M)_DFT-s-OFDM_PI_2-BPSK_high_OBW



B12_N25(10M)_DFT-s-OFDM_QPSK_high_OBW



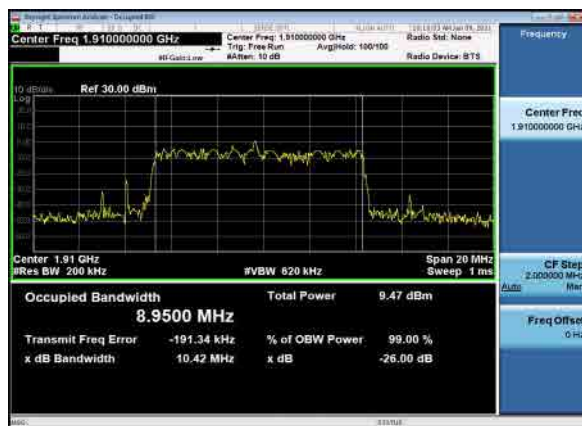
B12_N25(10M)_DFT-s-OFDM_16 QAM_high_OBW



B12_N25(10M)_DFT-s-OFDM_64 QAM_high_OBW



B12_N25(10M)_DFT-s-OFDM_256 QAM_high_OBW



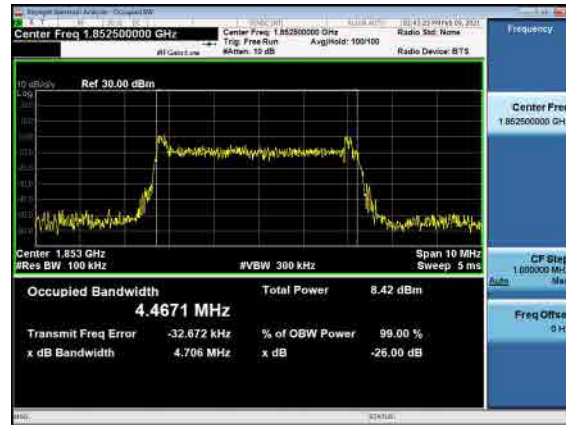
B12_N25(10M)_CP-OFDM_QPSK_high_OBW



B12_N25(5M)_DFT-s-OFDM_PI_2-BPSK_Low CH



B12_N25(5M)_DFT-s-OFDM_QPSK_Low CH



B12_N25(5M)_DFT-s-OFDM_16 QAM_Low CH



B12_N25(5M)_DFT-s-OFDM_64 QAM_Low CH



B12_N25(5M)_DFT-s-OFDM_256 QAM_Low CH



B12_N25(5M)_CP-OFDM_QPSK_Low CH





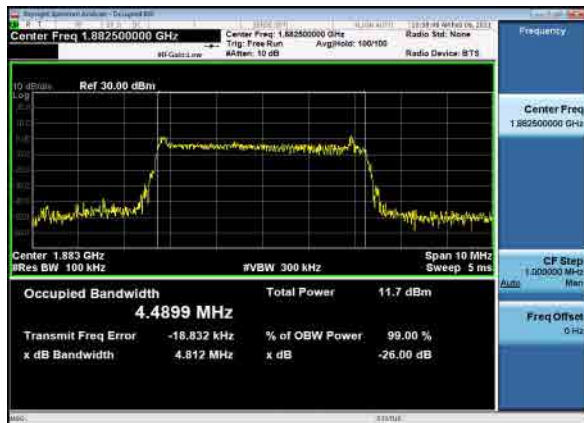
B12_N25(5M)_DFT-s-OFDM_PI_2-BPSK_Mid CH



B12_N25(5M)_DFT-s-OFDM_QPSK_Mid CH



B12_N25(5M)_DFT-s-OFDM_16 QAM_Mid CH



B12_N25(5M)_DFT-s-OFDM_64 QAM_Mid CH



B12_N25(5M)_DFT-s-OFDM_256 QAM_Mid CH



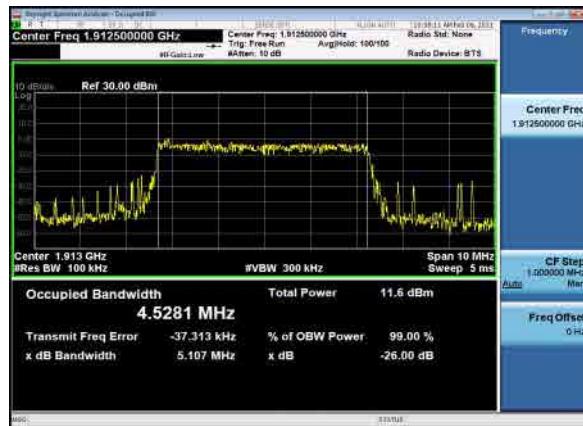
B12_N25(5M)_CP-OFDM_QPSK_Mid CH



B12_N25(5M)_DFT-s-OFDM_PI_2-BPSK_High CH



B12_N25(5M)_DFT-s-OFDM_QPSK_High CH



B12_N25(5M)_DFT-s-OFDM_16 QAM_High CH



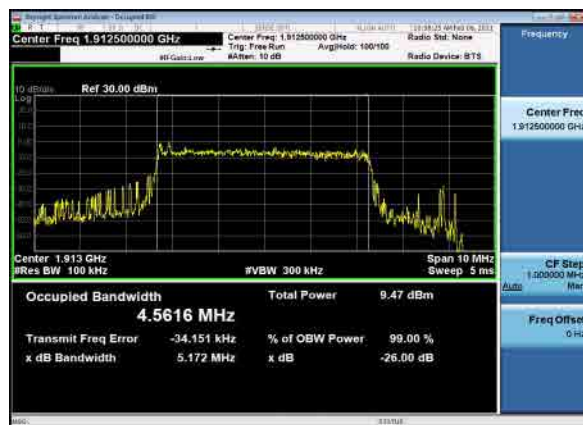
B12_N25(5M)_DFT-s-OFDM_64 QAM_High CH



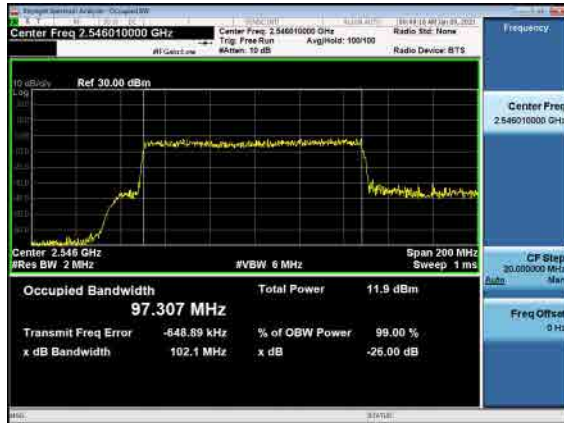
B12_N25(5M)_DFT-s-OFDM_256 QAM_High CH



B12_N25(5M)_CP-OFDM_QPSK_High CH



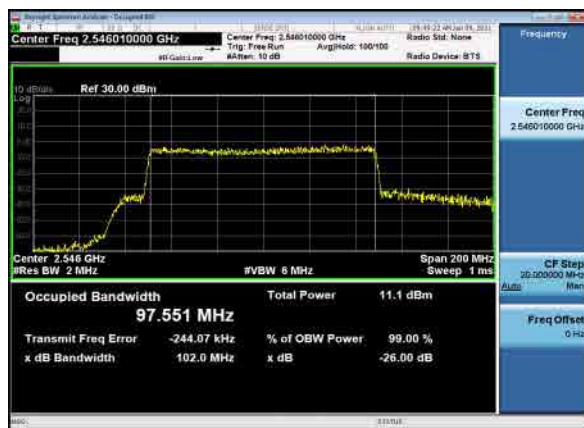
B26_N41(100M)_DFT-s-OFDM_PI_2-BPSK_low_OBW



B26_N41(100M)_DFT-s-OFDM_QPSK_low_OBW



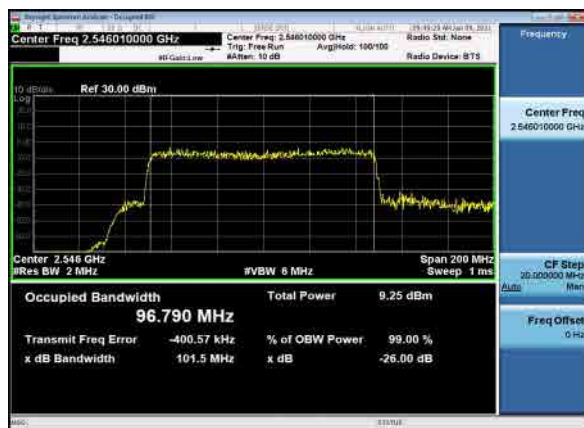
B26_N41(100M)_DFT-s-OFDM_16 QAM_low_OBW



B26_N41(100M)_DFT-s-OFDM_64 QAM_low_OBW



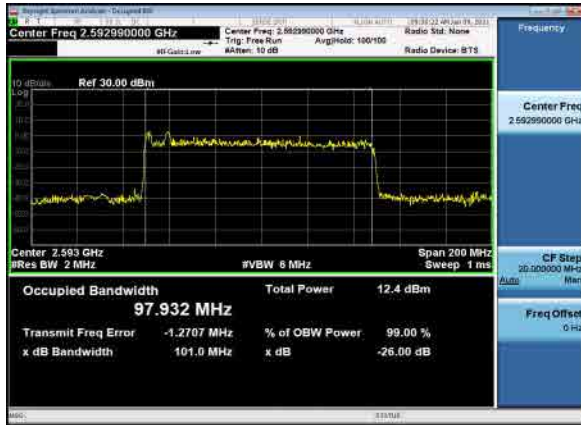
B26_N41(100M)_DFT-s-OFDM_256 QAM_low_OBW



B26_N41(100M)_CP-OFDM_QPSK_low_OBW



B26_N41(100M)_DFT-s-OFDM_PI_2-BPSK_middle_OBW



B26_N41(100M)_DFT-s-OFDM_QPSK_middle_OBW



B26_N41(100M)_DFT-s-OFDM_16 QAM_middle_OBW



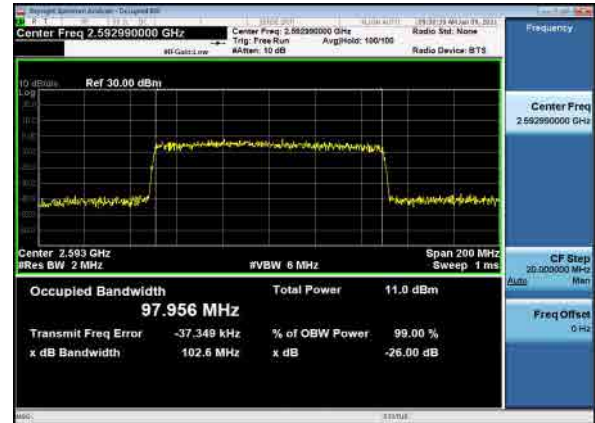
B26_N41(100M)_DFT-s-OFDM_64 QAM_middle_OBW



B26_N41(100M)_DFT-s-OFDM_256 QAM_middle_OBW



B26_N41(100M)_CP-OFDM_QPSK_middle_OBW



B26_N41(100M)_DFT-s-OFDM_PI_2-BPSK_high_OBW



B26_N41(100M)_DFT-s-OFDM_QPSK_high_OBW





B26_N41(100M)_DFT-s-OFDM_16 QAM_high_OBW



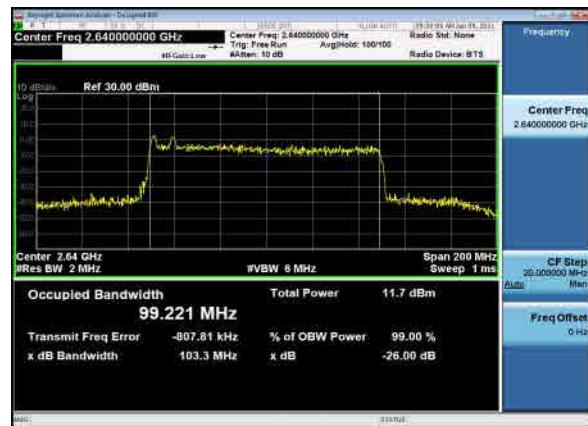
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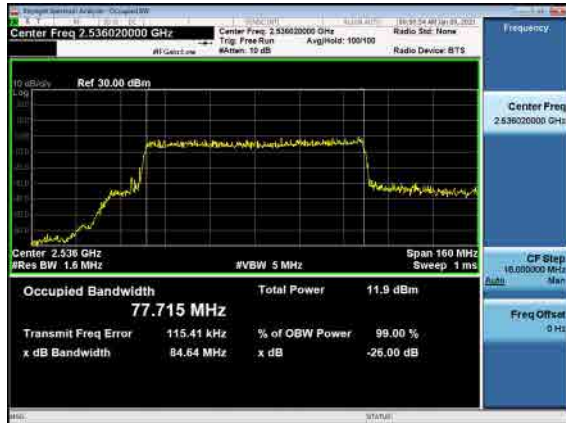
B26_N41(100M)_DFT-s-OFDM_256 QAM_high_OBW



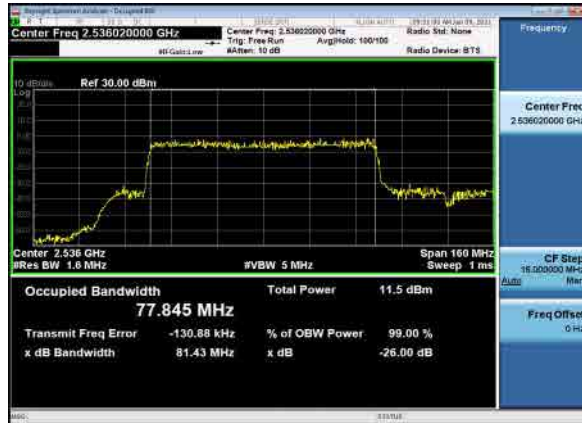
B26_N41(100M)_CP-OFDM_QPSK_high_OBW



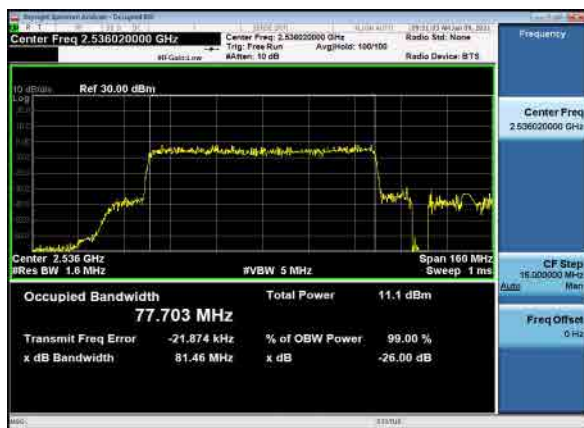
B26_N41(80M)_DFT-s-OFDM_PI_2-BPSK_low_OBW



B26_N41(80M)_DFT-s-OFDM_QPSK_low_OBW



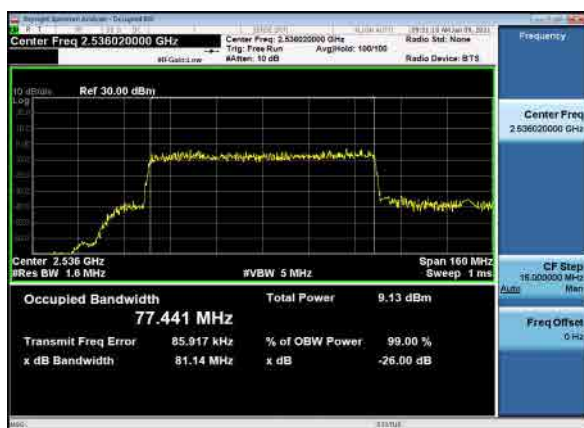
B26_N41(80M)_DFT-s-OFDM_16 QAM_low_OBW



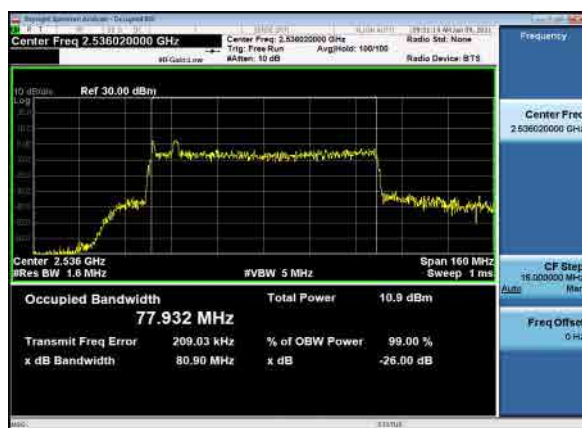
B26_N41(80M)_DFT-s-OFDM_64 QAM_low_OBW



B26_N41(80M)_DFT-s-OFDM_256 QAM_low_OBW



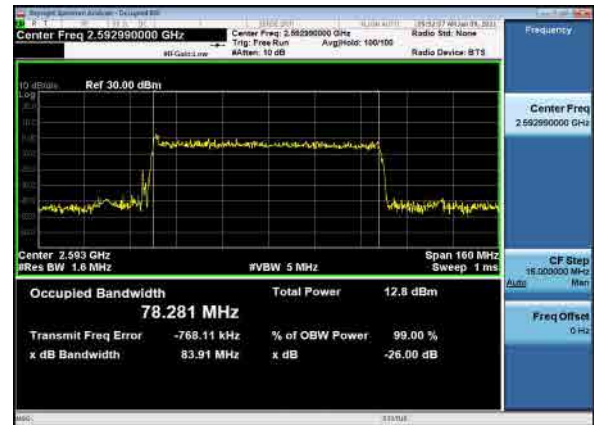
B26_N41(80M)_CP-OFDM_QPSK_low_OBW



B26_N41(80M)_DFT-s-OFDM_PI_2-BPSK_middle_OBW



B26_N41(80M)_DFT-s-OFDM_QPSK_middle_OBW



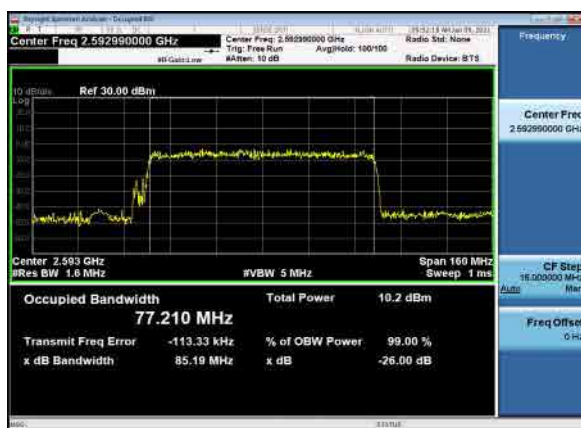
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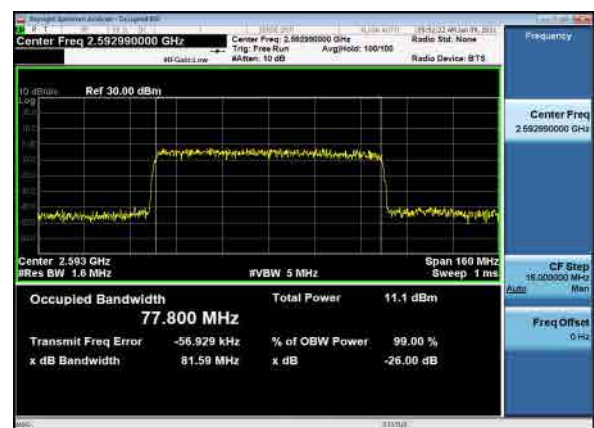
B26_N41(80M)_DFT-s-OFDM_64 QAM_middle_OBW



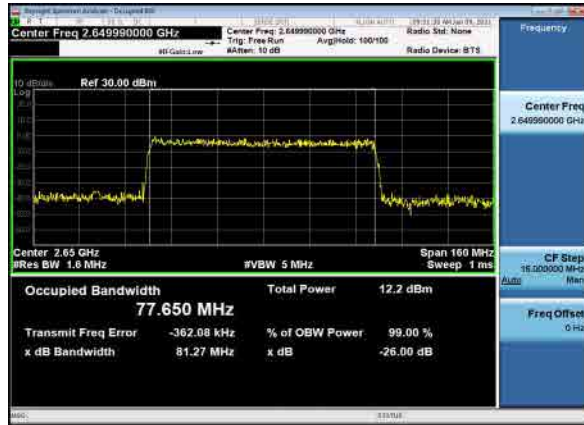
B26_N41(80M)_DFT-s-OFDM_256 QAM_middle_OBW



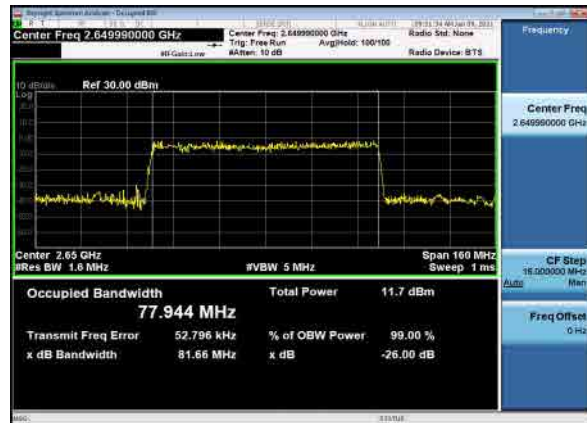
B26_N41(80M)_CP-OFDM_QPSK_middle_OBW



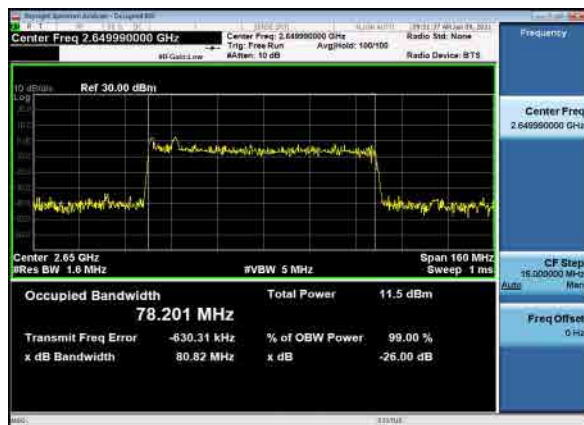
B26_N41(80M)_DFT-s-OFDM_PI_2-BPSK_high_OBW



B26_N41(80M)_DFT-s-OFDM_QPSK_high_OBW



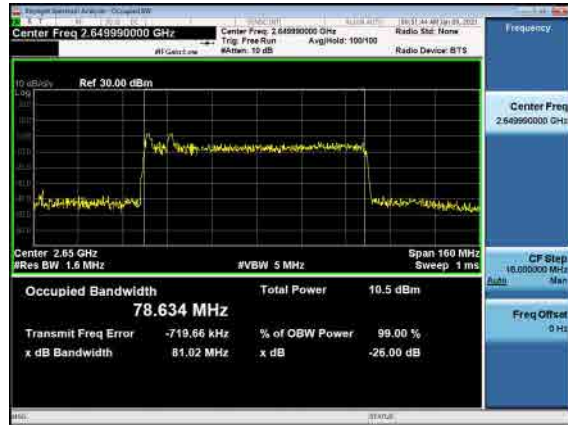
B26_N41(80M)_DFT-s-OFDM_16 QAM_high_OBW



B26_N41(80M)_DFT-s-OFDM_64 QAM_high_OBW



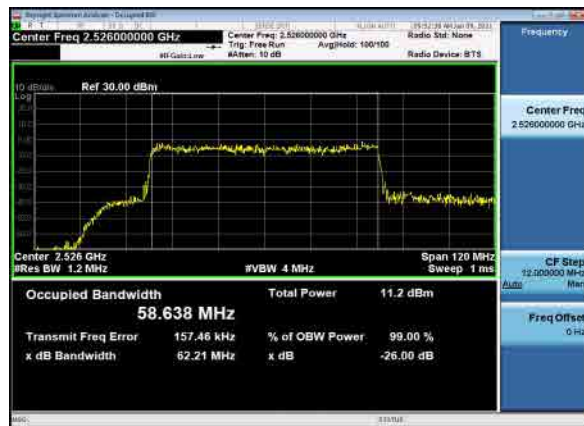
B26_N41(80M)_DFT-s-OFDM_256 QAM_high_OBW



B26_N41(80M)_CP-OFDM_QPSK_high_OBW



B26_N41(60M)_DFT-s-OFDM_PI_2-BPSK_low_OBW



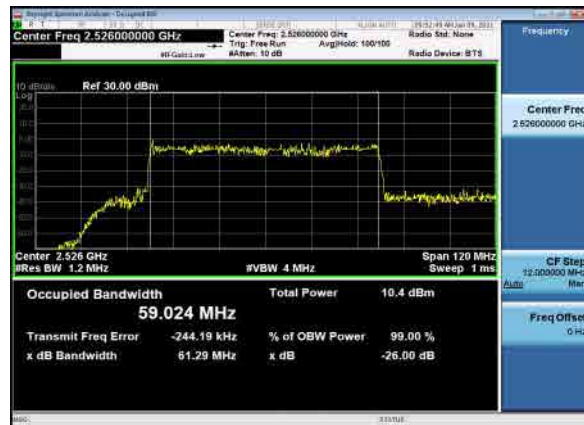
B26_N41(60M)_DFT-s-OFDM_QPSK_low_OBW



B26_N41(60M)_DFT-s-OFDM_16 QAM_low_OBW

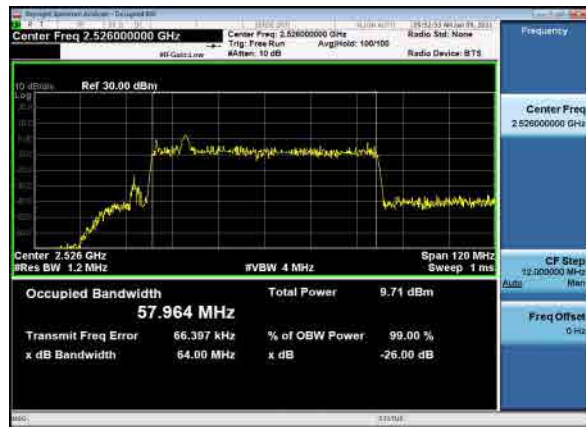


B26_N41(60M)_DFT-s-OFDM_64 QAM_low_OBW





B26_N41(60M)_DFT-s-OFDM_256 QAM_low_OBW



B26_N41(60M)_CP-OFDM_QPSK_low_OBW



B26_N41(60M)_DFT-s-OFDM_PI_2-BPSK_middle_OBW



B26_N41(60M)_DFT-s-OFDM_QPSK_middle_OBW



B26_N41(60M)_DFT-s-OFDM_16 QAM_middle_OBW

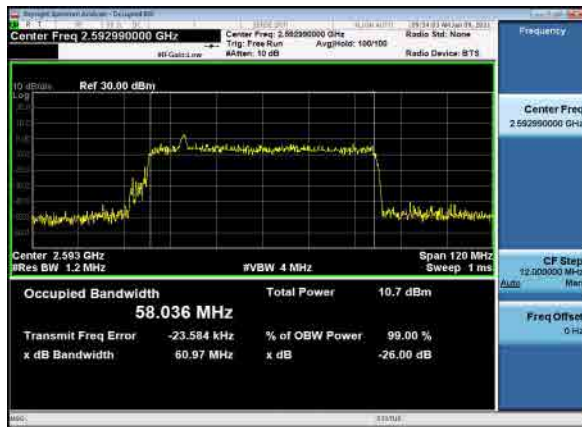


B26_N41(60M)_DFT-s-OFDM_64 QAM_middle_OBW





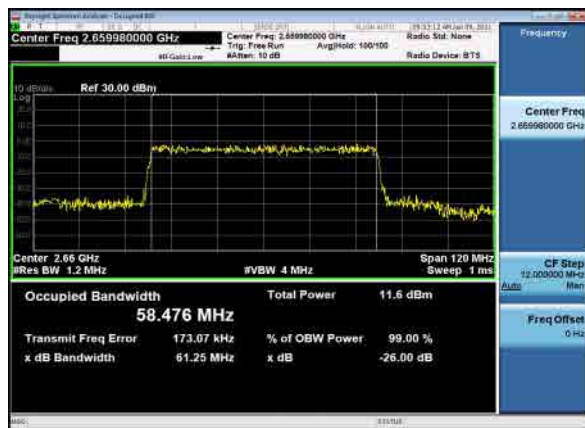
B26_N41(60M)_DFT-s-OFDM_256 QAM_ middle_OBW



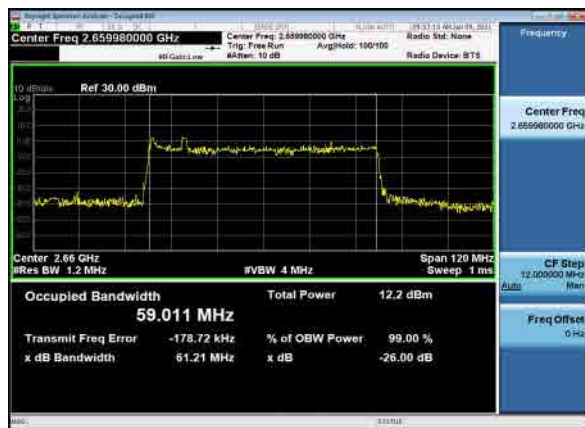
B26_N41(60M)_CP-OFDM_QPSK_ middle_OBW



B26_N41(60M)_DFT-s-OFDM_PI_2-BPSK_high_OBW



B26_N41(60M)_DFT-s-OFDM_QPSK_high_OBW



B26_N41(60M)_DFT-s-OFDM_16 QAM_high_OBW



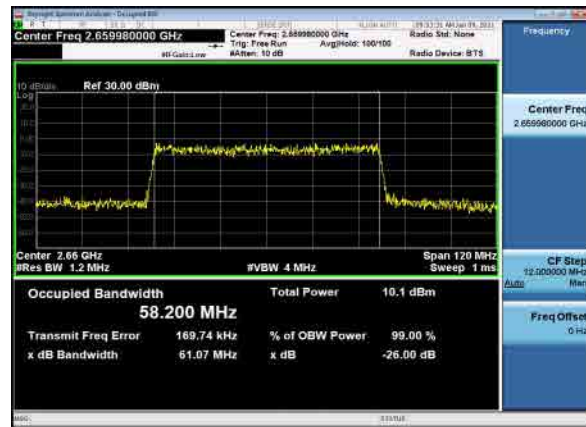
B26_N41(60M)_DFT-s-OFDM_64 QAM_high_OBW



B26_N41(60M)_DFT-s-OFDM_256 QAM_high_OBW



B26_N41(60M)_CP-OFDM_QPSK_high_OBW



B26_N41(40M)_DFT-s-OFDM_PI_2-BPSK_low_OBW



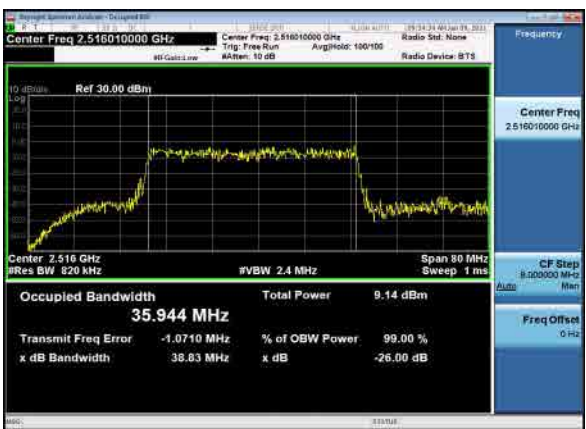
B26_N41(40M)_DFT-s-OFDM_QPSK_low_OBW



B26_N41(40M)_DFT-s-OFDM_16 QAM_low_OBW

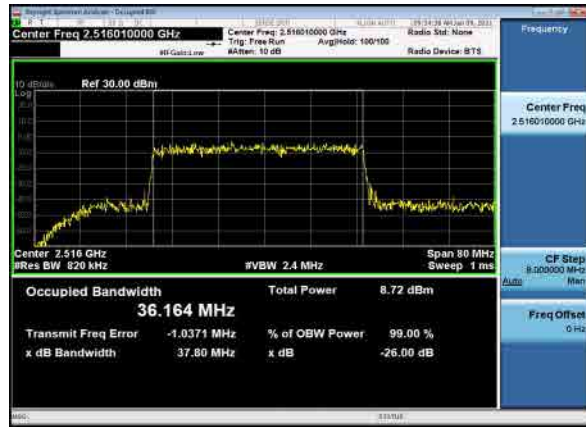


B26_N41(40M)_DFT-s-OFDM_64 QAM_low_OBW





B26_N41(40M)_DFT-s-OFDM_256 QAM_low_OBW



B26_N41(40M)_CP-OFDM_QPSK_low_OBW

