



TEST REPORT

APPLICANT : Reliance Communications LLC

PRODUCT NAME : Orbic Tab8 5G

MODEL NAME : R8L5TS6

BRAND NAME : Orbic

FCC ID : 2ABGH-R8L5TS6

STANDARD(S) : 47 CFR Part 2
47 CFR Part 22, Subpart H
47 CFR Part 24, Subpart E
47 CFR Part 27, Subpart L & N

RECEIPT DATE : 2021-07-08

TEST DATE : 2021-07-08 to 2022-06-28

ISSUE DATE : 2022-07-04

Edited by: Xiong Jinhuan
Xiong Jinhuan (Rapporteur)

Approved by: Shen Junsheng
Shen Junsheng (Supervisor)

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





DIRECTORY

1. Technical Information	3
1.1. Applicant and Manufacturer Information	3
1.2. Equipment Under Test (EUT) Description	3
1.3. Maximum ERP/EIRP and Emission Designator	5
1.4. Test Standards and Results	10
1.5. Environmental Conditions	12
2. 47 CFR Part 2, Part 27M&O Requirements	13
2.1. Transmitter Conducted Output Power And ERP/EIRP	13
2.2. Occupied Bandwidth	63
2.3. Frequency Stability	150
2.4. Peak to Average Ratio	153
2.5. Conducted Spurious Emissions	177
2.6. Band Edge	201
2.7. Radiated Spurious Emissions	237
Annex A Test Uncertainty	326
Annex B Testing Laboratory Information	327

Change History		
Version	Date	Reason for change
1.0	2022-07-02	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
Manufacturer Address:	MIDC industrial Area, Shiravane, Nerul, India

1.2. Equipment Under Test (EUT) Description

Product Name:	Orbic Tab8 5G	
Hardware Version:	V1.1	
Software Version:	ORB8L5T_v1.0.01_NART	
IMEI:	354753170002070	
Modulation Type:	DFT-s-OFDM	PI/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM
	CP-OFDM	QPSK, 16QAM, 64QAM, 256QAM
SA Band:	n2, n66, n71	
EN-DC Band:	DC_13A_n2, DC_66A_n2, DC_2A_n66, DC_13A_n66, DC_2A_n71, DC_66A_n71, DC_2A_n77, DC_13A_n77, DC_66A_n77	
Frequency Range:	n2	Tx: 1850MHz-1910MHz
		Rx: 1930MHz-1990MHz
	n66	Tx: 1710MHz-1780MHz
		Rx: 2110MHz-2200MHz
	n71	Tx: 663MHz-698MHz
		Rx: 617MHz-652MHz
	n77	Tx: 3700MHz-3980MHz
		Rx: 3700MHz-3980MHz
Channel Bandwidth	n2	5MHz, 10MHz, 15MHz, 20MHz
	n66	5MHz, 10MHz, 15MHz, 20MHz
	n71	5MHz, 10MHz, 15MHz, 20MHz
	n77	30MHz, 40MHz, 60MHz, 80MHz, 100MHz
Antenna Type:	Fixed Internal Antenna	



Antenna Gain:	n2	-2.00dBi
	n66	-2.10dBi
	n71	-1.40dBi
	n77	0.90dBi
Accessory Information:	AC Adapter	
	Brand Name:	Orbic
	Model No.:	BLJ-QC06HU
	Serial No.:	(N/A, marked 5#,6# by test site)
	Rated Input:	100-240V~0.5A, 50/60Hz
	Rated Output:	5/9/12V=3/2/1.5A
	Manufacturer	Zhongshan Baolijin Electronic Co., Ltd.
	Battery	
	Brand Name:	Orbic
	Model No.:	BTE-6001
	Serial No.:	(N/A, marked 7#, 8# by test site)
	Capacity:	6000mAh
	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

n2	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.151	0.159	0.092	0.074	0.062	0.130
15	0.144	/	/	/	/	/
10	0.149	/	/	/	/	/
5	0.150	/	/	/	/	/

n2	Emission Designator (99%OBW)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	18M1G7D	18M2G7D	18M2W7D	18M2D7W	18M2D7W	18M2G7D
15	13M6G7D	13M6G7D	13M7W7D	13M6D7W	13M7D7W	13M7G7D
10	9M09G7D	9M07G7D	9M08W7D	9M07D7W	9M01D7W	9M41G7D
5	4M48G7D	4M52G7D	4M53W7D	4M51D7W	4M52D7W	4M50G7D

n66	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.140	0.144	0.143	0.095	0.060	0.124
15	0.136	/	/	/	/	/
10	0.138	/	/	/	/	/
5	0.136	/	/	/	/	/



n66	Emission Designator (99%OBW)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	18M2G7D	18M2G7D	18M3W7D	18M2D7W	18M3D7W	19M3G7D
15	13M7G7D	13M7G7D	13M7W7D	13M7D7W	13M7D7W	14M3G7D
10	9M08G7D	9M08G7D	9M09W7D	9M09D7W	9M07D7W	9M08G7D
5	4M51G7D	4M51G7D	4M53W7D	4M51D7W	4M51D7W	4M51G7D

n71	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.100	0.102	0.100	0.077	0.045	0.092
15	0.099	/	/	/	/	/
10	0.100	/	/	/	/	/
5	0.100	/	/	/	/	/

n71	Emission Designator (99%OBW)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	18M0G7D	18M0G7D	18M0W7D	18M0D7W	18M0D7W	19M3G7D
15	13M5G7D	13M5G7D	13M5W7D	13M5D7W	13M5D7W	14M3G7D
10	8M99G7D	8M96G7D	8M94W7D	9M00D7W	8M95D7W	9M08G7D
5	4M48G7D	4M48G7D	4M48W7D	4M49D7W	4M49D7W	4M51G7D

DC_13A_n2	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.152	0.157	0.157	0.109	0.065	0.139
15	0.154	/	/	/	/	/
10	0.146	/	/	/	/	/
5	0.153	/	/	/	/	/



DC_66A_n2	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.156	0.157	0.156	0.105	0.064	0.139
15	0.156	/	/	/	/	/
10	0.156	/	/	/	/	/
5	0.156	/	/	/	/	/

DC_2A_n66	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.112	0.133	0.104	0.071	0.041	0.094
15	0.118	/	/	/	/	/
10	0.121	/	/	/	/	/
5	0.119	/	/	/	/	/

DC_13A_n66	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.116	0.135	0.106	0.073	0.043	0.095
15	0.122	/	/	/	/	/
10	0.123	/	/	/	/	/
5	0.120	/	/	/	/	/



DC_2A_n71	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.100	0.101	0.097	0.099	0.079	0.098
15	0.099	/	/	/	/	/
10	0.100	/	/	/	/	/
5	0.099	/	/	/	/	/

DC_66A_n71	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.100	0.100	0.100	0.100	0.080	0.096
15	0.100	/	/	/	/	/
10	0.099	/	/	/	/	/
5	0.100	/	/	/	/	/

DC_2A_n77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.552	0.556	0.400	0.310	0.195	0.390
80	0.522	/	/	/	/	/
60	0.535	/	/	/	/	/
40	0.338	/	/	/	/	/
30	0.344	/	/	/	/	/



DC_13A_n77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.558	0.562	0.446	0.294	0.198	0.394
80	0.281	/	/	/	/	/
60	0.310	/	/	/	/	/
40	0.331	/	/	/	/	/
30	0.312	/	/	/	/	/

DC_13A_n77	Emission Designator (99%OBW)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	98M5G7D	98M8G7D	98M3W7D	98M3D7W	98M7D7W	99M8G7D
80	78M8G7D	78M6G7D	78M6W7D	78M7D7W	78M8D7W	79M0G7D
60	59M1G7D	59M1G7D	59M2W7D	58M8D7W	58M9D7W	58M9G7D
40	36M2G7D	36M6G7D	36M5W7D	36M4D7W	36M5D7W	38M8G7D
30	27M4G7D	27M3G7D	27M3W7D	27M4D7W	27M3D7W	28M5G7D

DC_66A_n77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.318	0.320	0.242	0.157	0.106	0.229
80	0.313	/	/	/	/	/
60	0.294	/	/	/	/	/
40	0.316	/	/	/	/	/
30	0.313	/	/	/	/	/



1.4. Test Standards and Results

The objective of the report is to perform testing according to Part 2, Part 24 and Part27 for the EUT FCC ID Certification:

No	Identity	Document Title
1	47 CFR Part 2	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
2	47 CFR Part 24	Personal Communications Services
3	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 24.232(c) 27.50(c)(10) 27.50(d)(4) 27.50(j)(3)	Transmitter Conducted Output Power and ERP/EIRP	Jul 08, 2021 to Jun 17, 2022	Li Huaijie	PASS	No deviation
2.1049	Occupied Bandwidth	Aug 12, 2021 to Jun 18, 2022	Li Huaijie	PASS	No deviation
2.1055	Frequency Stability	Jul 22, 2021 to Jun 18, 2022	Li Huaijie	PASS	No deviation
24.232(d) 27.50(d)(5) 27.50(j)(4)	Peak to Average Radio	Aug 24, 2021 to Jun 19, 2022	Li Huaijie	PASS	No deviation
2.1051 24.238(a) 27.53(g) 27.53(h) 27.53(l)(2)	Conducted Spurious Emissions	Aug 24, 2021 to Jun 20, 2022	Li Huaijie	PASS	No deviation
2.1051 24.238(a) 27.53(g) 27.53(h) 27.53(l)(2)	Band Edge	Sept 06, 2021 to Jun 22, 2022	Li Huaijie	PASS	No deviation
2.1051 24.238(a) 27.53(g) 27.53(h) 27.53(l)(2)	Radiated Spurious Emissions	Aug 24, 2021, to Jun 28, 2022	Gao jianrou	PASS	No deviation

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

Note 2: The path loss during the RF test is calibrated to correct the results by the offset setting in the test equipments. The ref offset 4dB and Attenuator 36dB.

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



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 27M&O Requirements

2.1. Transmitter Conducted Output Power And ERP/EIRP

2.1.1. Requirement

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

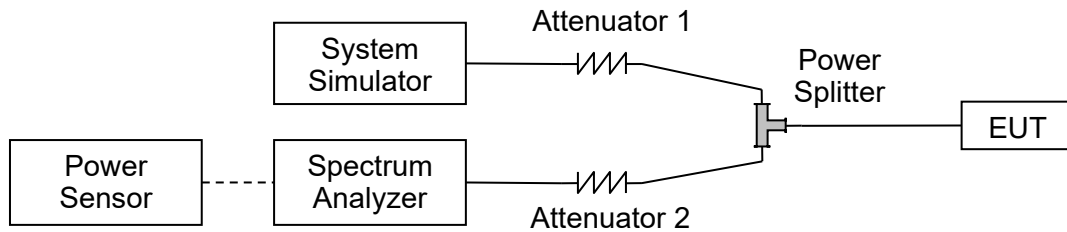
According to FCC section 24.232(c), for n2, Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

According to FCC section 27.50 (d)(4) for n66, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.

According to FCC section 27.50 (c)(10) for n71, Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

According to FCC section 27.50 (j)(3) for n77, Mobile and portable stations are limited to 1 Watt EIRP. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

2.1.2. Test Description



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

2.1.3. Test procedure

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

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

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

2.1.4. Conducted Output Power:



n2

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860.00	1880	1900
20	DFT-s-OFDM PI/2 BPSK	1	1	23.54	23.45	23.27
20		1	53	23.58	23.33	22.71
20		1	104	23.61	23.18	23.26
20		50	1	23.72	23.51	22.73
20		50	25	23.68	23.48	23.68
20		50	50	23.66	23.68	23.78
20		100	0	23.18	23.26	23.76
20	DFT-s-OFDM QPSK	1	1	23.74	24.01	23.82
20		1	53	23.69	23.77	23.19
20		1	104	23.64	23.65	23.37
20		50	1	23.50	23.58	23.47
20		50	25	23.49	23.27	23.42
20		50	50	23.24	23.47	23.33
20		100	0	23.11	23.29	23.25
20	DFT-s-OFDM 16QAM	1	1	20.83	20.99	21.66
20	DFT-s-OFDM 64QAM	1	1	20.06	20.08	20.68
20	DFT-s-OFDM 256QAM	1	1	19.02	19.89	19.67
Channel				371500	376000	380500
Frequency (MHz)				1857.50	1880	1902.5
15	DFT-s-OFDM PI/2 BPSK	1	1	23.51	23.53	23.59
Channel				371000	376000	381000
Frequency (MHz)				1855.00	1880	1905
10	DFT-s-OFDM PI/2 BPSK	1	1	23.71	23.56	23.72
Channel				370500	376000	381500
Frequency (MHz)				1852.50	1880	1907.5
5	DFT-s-OFDM	1	1	23.76	23.53	23.72



	PI/2 BPSK					
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860.00	1880	1900
20	CP-OFDM QPSK	1	1	23.11	22.92	23.13
20	CP-OFDM 16QAM	1	1	22.94	22.69	22.83
20	CP-OFDM 64QAM	1	1	20.99	20.52	20.85
20	CP-OFDM 256QAM	1	1	18.01	17.79	17.96



DC_13A_n2

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1900
20	DFT-s-OFDM PI/2 BPSK	1	1	23.78	23.72	23.80
20		1	53	23.83	23.74	23.80
20		1	104	23.78	23.76	23.73
20		50	1	23.40	23.51	23.45
20		50	25	23.29	23.30	23.51
20		50	50	23.21	23.44	23.55
20		100	0	23.40	23.39	23.45
20	DFT-s-OFDM QPSK	1	1	23.70	23.97	23.74
20		1	53	23.66	23.62	23.64
20		1	104	23.68	23.60	23.66
20		50	1	23.48	23.42	23.49
20		50	25	23.41	23.37	23.35
20		50	50	23.39	23.35	23.25
20		100	0	23.35	23.35	23.48
20	DFT-s-OFDM 16QAM	1	1	23.89	23.95	23.96
20	DFT-s-OFDM 64QAM	1	1	22.24	22.36	22.33
20	DFT-s-OFDM 256QAM	1	1	20.11	20.05	20.11
Channel				371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5
15	DFT-s-OFDM QPSK	1	1	23.88	23.79	23.74
Channel				371000	376000	381000
Frequency (MHz)				1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	23.49	23.64	23.47
Channel				370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5
5	DFT-s-OFDM	1	1	23.85	23.83	23.81



	QPSK					
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1767.5
20	CP-OFDM QPSK	1	1	23.37	23.44	23.43
20	CP-OFDM 16QAM	1	1	23.10	23.12	23.02
20	CP-OFDM 64QAM	1	1	21.21	21.00	21.08
20	CP-OFDM 256QAM	1	1	18.16	18.08	18.21



DC_66A_n2

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1900
20	DFT-s-OFDM PI/2 BPSK	1	1	23.77	23.84	23.81
20		1	53	23.66	23.79	23.45
20		1	104	23.64	23.79	23.62
20		50	1	23.87	23.84	23.58
20		50	25	23.81	23.86	23.47
20		50	50	23.71	23.92	23.41
20		100	0	23.81	23.91	23.41
20	DFT-s-OFDM QPSK	1	1	23.87	23.97	23.85
20		1	53	23.57	23.71	23.55
20		1	104	23.51	23.67	23.52
20		50	1	23.44	23.47	23.64
20		50	25	23.39	23.41	23.46
20		50	50	23.29	23.49	23.26
20		100	0	23.42	23.42	22.86
20	DFT-s-OFDM 16QAM	1	1	23.80	23.91	23.93
20	DFT-s-OFDM 64QAM	1	1	22.20	22.01	22.15
20	DFT-s-OFDM 256QAM	1	1	20.06	19.94	19.96
Channel				371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5
15	DFT-s-OFDM QPSK	1	1	23.93	23.75	23.54
Channel				371000	376000	381000
Frequency (MHz)				1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	23.92	23.80	23.61
Channel				370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5
5	DFT-s-OFDM	1	1	23.94	23.80	23.90



	QPSK					
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1767.5
20	CP-OFDM QPSK	1	1	23.30	23.22	23.42
20	CP-OFDM 16QAM	1	1	23.12	23.19	23.00
20	CP-OFDM 64QAM	1	1	21.09	20.99	21.11
20	CP-OFDM 256QAM	1	1	18.27	17.96	18.05



n66

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1770
20	DFT-s-OFDM	1	1	23.29	23.34	23.47
20	PI/2 BPSK	1	53	23.26	23.46	23.41
20		1	104	23.36	23.47	23.56
20		50	1	23.00	23.02	23.06
20		50	25	23.05	23.05	23.01
20		50	50	22.13	23.52	23.02
20		100	0	23.01	23.00	23.07
20		DFT-s-OFDM	1	1	23.50	23.68
20	QPSK	1	53	23.45	23.50	23.52
20		1	104	23.32	23.41	23.44
20		50	1	23.01	23.04	23.00
20		50	25	22.84	22.96	22.93
20		50	50	22.88	23.56	22.93
20		100	0	22.76	22.88	22.74
20		DFT-s-OFDM 16QAM	1	1	23.52	23.61
20	DFT-s-OFDM 64QAM	1	1	21.67	21.85	21.87
20	DFT-s-OFDM 256QAM	1	1	19.68	19.87	19.91
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	23.33	23.43	23.38
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	23.49	23.50	23.42
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM	1	1	23.38	23.45	23.45



	PI/2 BPSK					
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1767.5
20	CP-OFDM QPSK	1	1	22.89	23.04	23.04
20	CP-OFDM 16QAM	1	1	22.55	22.68	22.75
20	CP-OFDM 64QAM	1	1	20.71	20.79	20.83
20	CP-OFDM 256QAM	1	1	17.76	18.06	18.10

DC_2A_n66

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1770
20	DFT-s-OFDM PI/2 BPSK	1	1	21.93	22.57	22.37
20		1	53	22.50	22.41	22.53
20		1	104	22.59	22.39	22.23
20		50	1	22.40	22.53	22.61
20		50	25	22.61	22.40	21.92
20		50	50	22.20	22.55	22.09
20		100	0	22.32	22.56	22.51
20	DFT-s-OFDM QPSK	1	1	23.18	23.33	23.18
20		1	53	22.74	22.6	22.75
20		1	104	22.59	22.15	22.14
20		50	1	22.47	22.41	22.20
20		50	50	22.22	21.72	22.14
20		100	0	22.13	21.92	21.19
20	DFT-s-OFDM 16QAM	1	1	22.28	20.81	21.25
20	DFT-s-OFDM 64QAM	1	1	20.6	20.18	20.61
20	DFT-s-OFDM 256QAM	1	1	18.07	18.04	18.24
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	22.73	22.45	22.82
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	22.91	22.20	22.92
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	22.85	22.43	21.95



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1767.5
20	CP-OFDM QPSK	1	1	21.32	21.27	21.82
20	CP-OFDM 16QAM	1	1	21.40	21.13	21.11
20	CP-OFDM 64QAM	1	1	19.37	18.90	19.35
20	CP-OFDM 256QAM	1	1	16.48	15.99	16.51



DC_13A_n66

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1770
20	DFT-s-OFDM PI/2 BPSK	1	1	22.10	22.68	22.53
20		1	53	22.55	22.45	22.70
20		1	104	22.74	22.53	22.49
20		50	1	22.53	22.57	22.71
20		50	25	22.62	22.58	22.20
20		50	50	22.47	22.67	22.31
20		100	0	22.51	22.65	22.64
20	DFT-s-OFDM QPSK	1	1	23.35	23.40	23.22
20		1	53	22.78	22.69	22.98
20		1	104	22.77	22.27	22.18
20		50	1	22.54	22.55	22.49
20		50	50	22.27	22.02	22.35
20		100	0	22.31	21.97	21.26
20	DFT-s-OFDM 16QAM	1	1	22.36	20.82	21.25
20	DFT-s-OFDM 64QAM	1	1	20.74	20.22	20.63
20	DFT-s-OFDM 256QAM	1	1	18.37	18.06	18.45
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	22.98	22.45	22.93
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	22.94	22.48	22.99
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	22.89	22.48	22.16



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1767.5
20	CP-OFDM QPSK	1	1	21.56	21.50	21.90
20	CP-OFDM 16QAM	1	1	21.53	21.40	21.37
20	CP-OFDM 64QAM	1	1	19.45	19.13	19.53
20	CP-OFDM 256QAM	1	1	16.54	16.22	16.51

n71

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				134600	136100	137600
Frequency (MHz)				673	680.5	688
20	DFT-s-OFDM PI/2 BPSK	1	1	23.50	23.50	23.55
20		1	53	23.41	23.44	23.45
20		1	104	23.42	23.33	23.33
20		50	1	23.60	23.50	23.53
20		50	25	23.57	23.54	23.45
20		50	50	23.49	23.49	23.45
20		100	0	23.51	23.61	23.46
20	DFT-s-OFDM QPSK	1	1	23.51	23.62	23.59
20		1	53	23.46	23.48	23.55
20		1	104	23.49	23.40	23.44
20		50	1	23.03	23.53	23.55
20		50	25	23.60	23.54	23.50
20		50	50	23.49	23.48	23.46
20		100	0	23.60	23.60	23.52
20	DFT-s-OFDM 16QAM	1	1	23.55	23.54	23.52
20	DFT-s-OFDM 64QAM	1	1	22.42	22.29	22.17
20	DFT-s-OFDM 256QAM	1	1	20.05	19.77	19.75
Channel				134100	136100	138100
Frequency (MHz)				670.5	680.5	690.5
15	DFT-s-OFDM QPSK	1	1	23.51	23.43	23.41
Channel				133600	136100	138600
Frequency (MHz)				668	680.5	693
10	DFT-s-OFDM QPSK	1	1	23.55	23.48	23.50
Channel				133100	136100	139100
Frequency (MHz)				665.5	680.5	695.5
5	DFT-s-OFDM QPSK	1	1	23.45	23.48	23.57



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				134600	136100	137600
Frequency (MHz)				663	680.5	698
20	CP-OFDM QPSK	1	1	23.05	22.93	23.21
20	CP-OFDM 16QAM	1	1	22.91	22.63	22.69
20	CP-OFDM 64QAM	1	1	21.74	21.47	21.47
20	CP-OFDM 256QAM	1	1	17.95	17.79	17.73



DC_2A_n71

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				134600	136100	137600
Frequency (MHz)				673	680.5	688
20	DFT-s-OFDM PI/2 BPSK	1	1	23.46	23.50	23.40
20		1	53	23.29	23.40	23.41
20		1	104	23.24	23.45	23.30
20		50	1	23.43	23.31	23.18
20		50	25	23.26	23.46	23.51
20		50	50	23.27	23.54	23.54
20		100	0	23.35	23.36	23.38
20	DFT-s-OFDM QPSK	1	1	23.48	23.59	23.51
20		1	53	23.47	23.53	23.45
20		1	104	23.38	23.49	23.38
20		50	1	23.33	23.48	23.41
20		50	25	23.34	23.42	23.42
20		50	50	23.30	23.40	23.34
20		100	0	23.37	23.44	23.38
20	DFT-s-OFDM 16QAM	1	1	23.48	23.19	23.52
20	DFT-s-OFDM 64QAM	1	1	22.55	22.15	22.52
20	DFT-s-OFDM 256QAM	1	1	19.78	19.46	19.72
Channel				134100	136100	138100
Frequency (MHz)				670.5	680.5	690.5
15	DFT-s-OFDM QPSK	1	1	23.51	23.46	23.52
Channel				133600	136100	138600
Frequency (MHz)				668	680.5	693
10	DFT-s-OFDM QPSK	1	1	23.52	23.53	23.48
Channel				133100	136100	139100
Frequency (MHz)				665.5	680.5	695.5
5	DFT-s-OFDM QPSK	1	1	23.40	23.47	23.50



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				134600	136100	137600
Frequency (MHz)				663	680.5	698
20	CP-OFDM QPSK	1	1	23.47	23.23	23.20
20	CP-OFDM 16QAM	1	1	22.90	22.69	22.65
20	CP-OFDM 64QAM	1	1	21.38	21.19	21.21
20	CP-OFDM 256QAM	1	1	17.90	17.70	17.71



DC_66A_n71

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				134600	136100	137600
Frequency (MHz)				673	680.5	688
20	DFT-s-OFDM PI/2 BPSK	1	1	23.56	23.51	23.52
20		1	53	23.33	23.29	23.50
20		1	104	23.31	23.24	23.33
20		50	1	23.41	23.43	23.25
20		50	25	23.29	23.26	23.58
20		50	50	23.31	23.27	23.50
20		100	0	23.35	23.35	23.53
20	DFT-s-OFDM QPSK	1	1	23.58	23.55	23.54
20		1	53	23.41	23.51	23.44
20		1	104	23.38	23.38	23.41
20		50	1	23.45	23.52	23.51
20		50	25	23.35	23.34	23.31
20		50	50	23.32	23.30	23.54
20		100	0	23.39	23.37	23.57
20	DFT-s-OFDM 16QAM	1	1	23.53	23.48	23.49
20	DFT-s-OFDM 64QAM	1	1	22.56	22.55	22.49
20	DFT-s-OFDM 256QAM	1	1	19.77	19.78	19.71
Channel				134100	136100	138100
Frequency (MHz)				670.5	680.5	690.5
15	DFT-s-OFDM QPSK	1	1	23.41	23.54	23.50
Channel				133600	136100	138600
Frequency (MHz)				668	680.5	693
10	DFT-s-OFDM QPSK	1	1	23.48	23.50	23.47
Channel				133100	136100	139100
Frequency (MHz)				665.5	680.5	695.5
5	DFT-s-OFDM QPSK	1	1	23.45	23.51	23.53



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				134600	136100	137600
Frequency (MHz)				663	680.5	698
20	CP-OFDM QPSK	1	1	23.38	23.16	23.20
20	CP-OFDM 16QAM	1	1	22.87	22.66	22.68
20	CP-OFDM 64QAM	1	1	21.36	21.14	21.21
20	CP-OFDM 256QAM	1	1	17.87	17.64	17.71



DC_2A_n77

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	26.03	26.09	26.31
100		1	136	25.97	26.52	26.42
100		1	272	25.70	26.04	26.22
100		135	1	25.79	25.89	26.02
100		135	67	26.09	26.49	26.05
100		135	136	25.66	26.08	26.02
100		270	0	25.70	25.98	26.12
100	DFT-s-OFDM QPSK	1	1	26.50	26.55	26.45
100		1	136	26.01	26.52	25.80
100		1	272	25.31	25.59	25.95
100		135	1	25.29	25.47	25.58
100		135	67	26.09	26.50	26.40
100		135	136	25.13	25.57	25.70
100		270	0	25.32	25.48	25.60
100	DFT-s-OFDM 16QAM	1	1	25.12	24.52	24.67
100	DFT-s-OFDM 64QAM	1	1	23.30	24.01	23.95
100	DFT-s-OFDM 256QAM	1	1	21.55	21.99	21.85
Channel				649333	656000	662667
Frequency (MHz)				3740	3840	3940
80	DFT-s-OFDM QPSK	1	1	26.00	26.01	26.28
Channel				648667	656000	663333
Frequency (MHz)				3730	3840	3950
60	DFT-s-OFDM QPSK	1	1	26.37	26.20	26.38
Channel				648000	656000	664000
Frequency (MHz)				3720	3840	3960
40	DFT-s-OFDM	1	1	24.28	24.27	24.39



	QPSK					
Channel				647667	656000	664333
Frequency (MHz)				3715	3840	3965
30	DFT-s-OFDM QPSK	1	1	23.38	23.56	24.47
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	CP-OFDM QPSK	1	1	24.83	25.01	24.94
100	CP-OFDM 16QAM	1	1	24.07	24.34	24.58
100	CP-OFDM 64QAM	1	1	22.45	22.65	22.78
100	CP-OFDM 256QAM	1	1	19.87	19.17	19.98



DC_13A_n77

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	26.23	26.57	26.52
100		1	136	26.01	26.12	26.38
100		1	272	25.80	26.11	26.25
100		135	1	25.78	25.92	26.28
100		135	67	26.08	26.37	26.47
100		135	136	25.62	26.21	26.24
100		270	0	25.66	25.98	26.25
100	DFT-s-OFDM QPSK	1	1	26.00	26.14	26.51
100		1	136	26.04	26.60	26.59
100		1	272	25.35	25.69	25.71
100		135	1	25.18	25.41	25.79
100		135	67	26.04	26.53	26.59
100		135	136	25.15	25.74	25.75
100		270	0	25.19	25.48	25.79
100	DFT-s-OFDM 16QAM	1	1	25.21	25.21	25.59
100	DFT-s-OFDM 64QAM	1	1	23.31	23.34	23.79
100	DFT-s-OFDM 256QAM	1	1	21.53	22.05	22.06
Channel				649333	656000	662667
Frequency (MHz)				3740	3840	3940
80	DFT-s-OFDM QPSK	1	1	23.58	23.49	23.55
Channel				648667	656000	663333
Frequency (MHz)				3730	3840	3950
60	DFT-s-OFDM QPSK	1	1	23.77	23.60	24.02
Channel				648000	656000	664000
Frequency (MHz)				3720	3840	3960
40	DFT-s-OFDM	1	1	24.01	24.21	24.30



	QPSK					
Channel				647667	656000	664333
Frequency (MHz)				3715	3840	3965
30	DFT-s-OFDM QPSK	1	1	23.72	24.04	23.82
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	CP-OFDM QPSK	1	1	24.82	25.01	25.05
100	CP-OFDM 16QAM	1	1	24.24	24.37	24.55
100	CP-OFDM 64QAM	1	1	22.68	22.73	22.85
100	CP-OFDM 256QAM	1	1	19.85	19.82	20.10



DC_66A_n77

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	23.09	23.73	23.76
100		1	136	23.53	23.79	24.08
100		1	272	23.44	23.52	23.67
100		135	1	23.11	23.34	23.68
100		135	67	23.60	23.73	24.13
100		135	136	23.34	23.45	23.77
100		270	0	23.18	23.40	23.67
100	DFT-s-OFDM QPSK	1	1	24.06	24.14	24.01
100		1	136	23.55	24.15	24.01
100		1	272	22.95	23.07	23.21
100		135	1	23.35	23.45	23.41
100		135	67	23.34	23.35	23.06
100		135	136	22.93	23.12	23.29
100		270	0	23.22	23.05	23.24
100	DFT-s-OFDM 16QAM	1	1	22.75	22.82	22.93
100	DFT-s-OFDM 64QAM	1	1	20.81	21.01	21.07
100	DFT-s-OFDM 256QAM	1	1	18.69	19.35	19.34
Channel				649333	656000	662667
Frequency (MHz)				3740	3840	3940
80	DFT-s-OFDM QPSK	1	1	23.68	23.72	24.06
Channel				648667	656000	663333
Frequency (MHz)				3730	3840	3950
60	DFT-s-OFDM QPSK	1	1	23.49	23.78	23.63
Channel				648000	656000	664000
Frequency (MHz)				3720	3840	3960
40	DFT-s-OFDM	1	1	23.69	24.05	24.10



	QPSK					
Channel				647667	656000	664333
Frequency (MHz)				3715	3840	3965
30	DFT-s-OFDM QPSK	1	1	23.43	24.02	24.06
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	CP-OFDM QPSK	1	1	22.03	22.69	22.53
100	CP-OFDM 16QAM	1	1	21.21	21.87	21.91
100	CP-OFDM 64QAM	1	1	20.16	20.36	20.36
100	CP-OFDM 256QAM	1	1	17.23	17.42	17.37



Effective Radiated Power and Effective Isotropic Radiated Power:

n2				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh./ Freq.	MiddlCh ./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh. / EIRP
Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860.00	1880	1900	1860.00	1880	1900
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	21.54	21.45	21.27	0.143	0.140	0.134
20		1	39	21.58	21.33	20.71	0.144	0.136	0.118
20		1	77	21.61	21.18	21.26	0.145	0.131	0.134
20		36	1	21.72	21.51	20.73	0.149	0.142	0.118
20		36	18	21.68	21.48	21.68	0.147	0.141	0.147
20		36	36	21.66	21.68	21.78	0.147	0.147	0.151
20		75	0	21.18	21.26	21.76	0.131	0.134	0.150
20	DFT-s-OFDM QPSK	1	1	21.74	22.01	21.82	0.149	0.159	0.152
20		1	39	21.69	21.77	21.19	0.148	0.150	0.132
20		1	77	21.64	21.65	21.37	0.146	0.146	0.137
20		36	1	21.50	21.58	21.47	0.141	0.144	0.140
20		36	18	21.49	21.27	21.42	0.141	0.134	0.139
20		36	36	21.24	21.47	21.33	0.133	0.140	0.136
20	75	0	21.11	21.29	21.25	0.129	0.135	0.133	
20	DFT-s-OFDM 16QAM	1	1	18.83	18.99	19.66	0.076	0.079	0.092
20	DFT-s-OFDM 64QAM	1	1	18.06	18.08	18.68	0.064	0.064	0.074
20	DFT-s-OFDM 256QAM	1	1	17.02	17.89	17.67	0.050	0.062	0.058
Channel				371500	376000	380500	371500	376000	380500
Frequency (MHz)				1857.50	1880	1902.5	1857.50	1880	1902.5
15	DFT-s-OFDM PI/2 BPSK	1	1	21.51	21.53	21.59	0.142	0.142	0.144
Channel				371000	376000	381000	371000	376000	381000
Frequency (MHz)				1855.00	1880	1905	1855.00	1880	1905
10	DFT-s-OFDM PI/2 BPSK	1	1	21.71	21.56	21.72	0.148	0.143	0.149
Channel				370500	376000	381500	370500	376000	381500



Frequency (MHz)				1852.50	1880	1907.5	1852.50	1880	1907.5
5	DFT-s-OFDM PI/2 BPSK	1	1	21.76	21.53	21.72	0.150	0.142	0.149
Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860.00	1880	1900	1860.00	1880	1900
20	CP-OFDM QPSK	1	1	21.11	20.92	21.13	0.129	0.124	0.130
20	CP-OFDM 16QAM	1	1	20.94	20.69	20.83	0.124	0.117	0.121
20	CP-OFDM 64QAM	1	1	18.99	18.52	18.85	0.079	0.071	0.077
20	CP-OFDM 256QAM	1	1	16.01	15.79	15.96	0.040	0.038	0.039



n66				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh./ Freq.	MiddlCh ./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh. / EIRP
Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	21.19	21.24	21.37	0.132	0.133	0.137
20		1	39	21.16	21.36	21.31	0.131	0.137	0.135
20		1	77	21.26	21.37	21.46	0.134	0.137	0.140
20		36	1	20.90	20.92	20.96	0.123	0.124	0.125
20		36	18	20.95	20.95	20.91	0.124	0.124	0.123
20		36	36	20.03	21.42	20.92	0.101	0.139	0.124
20		75	0	20.91	20.90	20.97	0.123	0.123	0.125
20	DFT-s-OFDM QPSK	1	1	21.40	21.58	21.48	0.138	0.144	0.141
20		1	39	21.35	21.40	21.42	0.136	0.138	0.139
20		1	77	21.22	21.31	21.34	0.132	0.135	0.136
20		36	1	20.91	20.94	20.90	0.123	0.124	0.123
20		36	18	20.74	20.86	20.83	0.119	0.122	0.121
20		36	36	20.78	21.46	20.83	0.120	0.140	0.121
20		75	0	20.66	20.78	20.64	0.116	0.120	0.116
20	DFT-s-OFDM 16QAM	1	1	21.42	21.51	21.56	0.139	0.142	0.143
20	DFT-s-OFDM 64QAM	1	1	19.57	19.75	19.77	0.091	0.094	0.095
20	DFT-s-OFDM 256QAM	1	1	17.58	17.77	17.81	0.057	0.060	0.060
Channel				343500	349000	354500	343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5	1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	21.23	21.33	21.28	0.133	0.136	0.134
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	21.39	21.40	21.32	0.138	0.138	0.136
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5



5	DFT-s-OFDM PI/2 BPSK	1	1	21.28	21.35	21.35	0.134	0.136	0.136
Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1767.5	1720	1745	1767.5
20	CP-OFDM QPSK	1	1	20.79	20.94	20.94	0.120	0.124	0.124
20	CP-OFDM 16QAM	1	1	20.45	20.58	20.65	0.111	0.114	0.116
20	CP-OFDM 64QAM	1	1	18.61	18.69	18.73	0.073	0.074	0.075
20	CP-OFDM 256QAM	1	1	15.66	15.96	16.00	0.037	0.039	0.040



n71				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh./ Freq.	MiddlCh ./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh. / EIRP
Channel				134600	136100	137600	134600	136100	137600
Frequency (MHz)				673	680.5	688	673	680.5	688
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	19.95	19.95	20.00	0.099	0.099	0.100
20		1	39	19.86	19.89	19.90	0.097	0.097	0.098
20		1	77	19.87	19.78	19.78	0.097	0.095	0.095
20		36	1	20.05	19.95	19.98	0.101	0.099	0.100
20		36	18	20.02	19.99	19.90	0.100	0.100	0.098
20		36	36	19.94	19.94	19.90	0.099	0.099	0.098
20		75	0	20.00	19.96	19.91	0.100	0.099	0.098
20	DFT-s-OFDM QPSK	1	1	19.98	20.07	20.04	0.100	0.102	0.101
20		1	39	19.91	19.93	20.00	0.098	0.098	0.100
20		1	77	19.94	19.85	19.89	0.099	0.097	0.097
20		36	1	19.94	20.01	19.96	0.099	0.100	0.099
20		36	18	19.96	19.99	19.95	0.099	0.100	0.099
20		36	36	19.94	19.93	19.91	0.099	0.098	0.098
20		75	0	19.95	19.97	19.95	0.099	0.099	0.099
20	DFT-s-OFDM 16QAM	1	1	20.00	19.99	19.97	0.100	0.100	0.099
20	DFT-s-OFDM 64QAM	1	1	18.87	18.74	18.62	0.077	0.075	0.073
20	DFT-s-OFDM 256QAM	1	1	16.50	16.22	16.20	0.045	0.042	0.042
Channel				134100	136100	138100	134100	136100	138100
Frequency (MHz)				670.5	680.5	690.5	670.5	680.5	690.5
15	DFT-s-OFDM PI/2 BPSK	1	1	19.96	19.88	19.86	0.099	0.097	0.097
Channel				133600	136100	138600	133600	136100	138600
Frequency (MHz)				668	680.5	693	668	680.5	693
10	DFT-s-OFDM PI/2 BPSK	1	1	20.00	19.93	20.01	0.100	0.098	0.100
Channel				133100	136100	139100	133100	136100	139100
Frequency (MHz)				665.5	680.5	695.5	665.5	680.5	695.5
5	DFT-s-OFDM	1	1	19.90	19.93	20.02	0.098	0.098	0.100



	PI/2 BPSK								
Channel				134600	136100	137600	134600	136100	137600
Frequency (MHz)				663	680.5	698	663	680.5	698
20	CP-OFDM QPSK	1	1	19.50	19.38	19.66	0.089	0.087	0.092
20	CP-OFDM 16QAM	1	1	19.36	19.08	19.14	0.086	0.081	0.082
20	CP-OFDM 64QAM	1	1	18.19	17.92	17.92	0.066	0.062	0.062
20	CP-OFDM 256QAM	1	1	14.40	14.24	14.18	0.028	0.027	0.026



DC_13A_n2				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddIC h./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh. / EIRP
Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1900	1860	1880	1900
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	21.78	21.72	21.80	0.151	0.149	0.151
20		1	53	21.83	21.74	21.80	0.152	0.149	0.151
20		1	104	21.78	21.76	21.73	0.151	0.150	0.149
20		50	1	21.40	21.51	21.45	0.138	0.142	0.140
20		50	25	21.29	21.30	21.51	0.135	0.135	0.142
20		50	50	21.21	21.44	21.55	0.132	0.139	0.143
20		100	0	21.40	21.39	21.45	0.138	0.138	0.140
20	DFT-s-OFDM QPSK	1	1	21.70	21.97	21.74	0.148	0.157	0.149
20		1	53	21.66	21.62	21.64	0.147	0.145	0.146
20		1	104	21.68	21.60	21.66	0.147	0.145	0.147
20		50	1	21.48	21.42	21.49	0.141	0.139	0.141
20		50	25	21.41	21.37	21.35	0.138	0.137	0.136
20		50	50	21.39	21.35	21.25	0.138	0.136	0.133
20		100	0	21.35	21.35	21.48	0.136	0.136	0.141
20	DFT-s-OFDM 16QAM	1	1	21.89	21.95	21.96	0.155	0.157	0.157
20	DFT-s-OFDM 64QAM	1	1	20.24	20.36	20.33	0.106	0.109	0.108
20	DFT-s-OFDM 256QAM	1	1	18.11	18.05	18.11	0.065	0.064	0.065
Channel				371500	376000	380500	371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5	1857.5	1880	1902.5
15	DFT-s-OFDM QPSK	1	1	21.88	21.79	21.74	0.154	0.151	0.149
Channel				371000	376000	381000	371000	376000	381000
Frequency (MHz)				1855	1880	1905	1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	21.49	21.64	21.47	0.141	0.146	0.140
Channel				370500	376000	381500	370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5	1852.5	1880	1907.5



5	DFT-s-OFDM QPSK	1	1	21.85	21.83	21.81	0.153	0.152	0.152
Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1767.5	1860	1880	1767.5
20	CP-OFDM QPSK	1	1	21.37	21.44	21.43	0.137	0.139	0.139
20	CP-OFDM 16QAM	1	1	21.10	21.12	21.02	0.129	0.129	0.126
20	CP-OFDM 64QAM	1	1	19.21	19.00	19.08	0.083	0.079	0.081
20	CP-OFDM 256QAM	1	1	16.16	16.08	16.21	0.041	0.041	0.042



DC_66A_n2				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddIC h./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh. / EIRP
Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1900	1860	1880	1900
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	21.77	21.84	21.81	0.150	0.153	0.152
20		1	53	21.66	21.79	21.45	0.147	0.151	0.140
20		1	104	21.64	21.79	21.62	0.146	0.151	0.145
20		50	1	21.87	21.84	21.58	0.154	0.153	0.144
20		50	25	21.81	21.86	21.47	0.152	0.153	0.140
20		50	50	21.71	21.92	21.41	0.148	0.156	0.138
20		100	0	21.81	21.91	21.41	0.152	0.155	0.138
20	DFT-s-OFDM QPSK	1	1	21.87	21.97	21.85	0.154	0.157	0.153
20		1	53	21.57	21.71	21.55	0.144	0.148	0.143
20		1	104	21.51	21.67	21.52	0.142	0.147	0.142
20		50	1	21.44	21.47	21.64	0.139	0.140	0.146
20		50	25	21.39	21.41	21.46	0.138	0.138	0.140
20		50	50	21.29	21.49	21.26	0.135	0.141	0.134
20		100	0	21.42	21.42	20.86	0.139	0.139	0.122
20	DFT-s-OFDM 16QAM	1	1	21.80	21.91	21.93	0.151	0.155	0.156
20	DFT-s-OFDM 64QAM	1	1	20.20	20.01	20.15	0.105	0.100	0.104
20	DFT-s-OFDM 256QAM	1	1	18.06	17.94	17.96	0.064	0.062	0.063
Channel				371500	376000	380500	371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5	1857.5	1880	1902.5
15	DFT-s-OFDM QPSK	1	1	21.93	21.75	21.54	0.156	0.150	0.143
Channel				371000	376000	381000	371000	376000	381000
Frequency (MHz)				1855	1880	1905	1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	21.92	21.80	21.61	0.156	0.151	0.145
Channel				370500	376000	381500	370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5	1852.5	1880	1907.5
5	DFT-s-OFDM	1	1	21.94	21.80	21.90	0.156	0.151	0.155



	QPSK								
Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1767.5	1860	1880	1767.5
20	CP-OFDM QPSK	1	1	21.30	21.22	21.42	0.135	0.132	0.139
20	CP-OFDM 16QAM	1	1	21.12	21.19	21.00	0.129	0.132	0.126
20	CP-OFDM 64QAM	1	1	19.09	18.99	19.11	0.081	0.079	0.081
20	CP-OFDM 256QAM	1	1	16.27	15.96	16.05	0.042	0.039	0.040



DC_2A_n66				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddIC h./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh. / EIRP
Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	19.83	20.47	20.27	0.096	0.111	0.106
20		1	53	20.40	20.31	20.43	0.110	0.107	0.110
20		1	104	20.49	20.29	20.13	0.112	0.107	0.103
20		50	1	20.30	20.43	20.51	0.107	0.110	0.112
20		50	25	20.51	20.30	19.82	0.112	0.107	0.096
20		50	50	20.10	20.45	19.99	0.102	0.111	0.100
20		100	0	20.22	20.46	20.41	0.105	0.111	0.110
20	DFT-s-OFDM QPSK	1	1	21.08	21.23	21.08	0.128	0.133	0.128
20		1	53	20.64	20.50	20.65	0.116	0.112	0.116
20		1	104	20.49	20.05	20.04	0.112	0.101	0.101
20		50	1	20.37	20.31	20.10	0.109	0.107	0.102
20		50	50	20.12	19.62	20.04	0.103	0.092	0.101
20		100	0	20.03	19.82	19.09	0.101	0.096	0.081
20	DFT-s-OFDM 16QAM	1	1	20.18	18.71	19.15	0.104	0.074	0.082
20	DFT-s-OFDM 64QAM	1	1	18.50	18.08	18.51	0.071	0.064	0.071
20	DFT-s-OFDM 256QAM	1	1	15.97	15.94	16.14	0.040	0.039	0.041
Channel				343500	349000	354500	343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5	1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	20.63	20.35	20.72	0.116	0.108	0.118
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	20.81	20.10	20.82	0.121	0.102	0.121
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	20.75	20.33	19.85	0.119	0.108	0.097



Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1767.5	1720	1745	1767.5
20	CP-OFDM QPSK	1	1	19.22	19.17	19.72	0.084	0.083	0.094
20	CP-OFDM 16QAM	1	1	19.30	19.03	19.01	0.085	0.080	0.080
20	CP-OFDM 64QAM	1	1	17.27	16.80	17.25	0.053	0.048	0.053
20	CP-OFDM 256QAM	1	1	14.38	13.89	14.41	0.027	0.024	0.028



DC_13A_n66				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddIC h./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh. / EIRP
Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	20.00	20.58	20.43	0.100	0.114	0.110
20		1	53	20.45	20.35	20.60	0.111	0.108	0.115
20		1	104	20.64	20.43	20.39	0.116	0.110	0.109
20		50	1	20.43	20.47	20.61	0.110	0.111	0.115
20		50	25	20.52	20.48	20.10	0.113	0.112	0.102
20		50	50	20.37	20.57	20.21	0.109	0.114	0.105
20		100	0	20.41	20.55	20.54	0.110	0.114	0.113
20	DFT-s-OFDM QPSK	1	1	21.25	21.30	21.12	0.133	0.135	0.129
20		1	53	20.68	20.59	20.88	0.117	0.115	0.122
20		1	104	20.67	20.17	20.08	0.117	0.104	0.102
20		50	1	20.44	20.45	20.39	0.111	0.111	0.109
20		50	50	20.17	19.92	20.25	0.104	0.098	0.106
20		100	0	20.21	19.87	19.16	0.105	0.097	0.082
20	DFT-s-OFDM 16QAM	1	1	20.26	18.72	19.15	0.106	0.074	0.082
20	DFT-s-OFDM 64QAM	1	1	18.64	18.12	18.53	0.073	0.065	0.071
20	DFT-s-OFDM 256QAM	1	1	16.27	15.96	16.35	0.042	0.039	0.043
Channel				343500	349000	354500	343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5	1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	20.88	20.35	20.83	0.122	0.108	0.121
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	20.84	20.38	20.89	0.121	0.109	0.123
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	20.79	20.38	20.06	0.120	0.109	0.101



Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1767.5	1720	1745	1767.5
20	CP-OFDM QPSK	1	1	19.46	19.40	19.80	0.088	0.087	0.095
20	CP-OFDM 16QAM	1	1	19.43	19.30	19.27	0.088	0.085	0.085
20	CP-OFDM 64QAM	1	1	17.35	17.03	17.43	0.054	0.050	0.055
20	CP-OFDM 256QAM	1	1	14.44	14.12	14.41	0.028	0.026	0.028



DC_2A_n71				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddIC h./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh. / EIRP
Channel				134600	136100	137600	134600	136100	137600
Frequency (MHz)				673	680.5	688	673	680.5	688
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	19.91	19.95	19.85	0.098	0.099	0.097
20		1	53	19.74	19.85	19.86	0.094	0.097	0.097
20		1	104	19.69	19.90	19.75	0.093	0.098	0.094
20		50	1	19.88	19.76	19.63	0.097	0.095	0.092
20		50	25	19.71	19.91	19.96	0.094	0.098	0.099
20		50	50	19.72	19.99	19.99	0.094	0.100	0.100
20		100	0	19.80	19.81	19.83	0.095	0.096	0.096
20	DFT-s-OFDM QPSK	1	1	19.93	20.04	19.96	0.098	0.101	0.099
20		1	53	19.92	19.98	19.90	0.098	0.100	0.098
20		1	104	19.83	19.94	19.83	0.096	0.099	0.096
20		50	1	19.78	19.93	19.86	0.095	0.098	0.097
20		50	50	19.79	19.87	19.87	0.095	0.097	0.097
20		100	0	19.75	19.85	19.79	0.094	0.097	0.095
20	DFT-s-OFDM 16QAM	1	1	19.82	19.89	19.83	0.096	0.097	0.096
20	DFT-s-OFDM 64QAM	1	1	19.93	19.64	19.97	0.098	0.092	0.099
20	DFT-s-OFDM 256QAM	1	1	19.00	18.60	18.97	0.079	0.072	0.079
Channel				134100	136100	138100	134100	136100	138100
Frequency (MHz)				670.5	680.5	690.5	670.5	680.5	690.5
15	DFT-s-OFDM QPSK	1	1	19.96	19.91	19.97	0.099	0.098	0.099
Channel				133600	136100	138600	133600	136100	138600
Frequency (MHz)				668	680.5	693	668	680.5	693
10	DFT-s-OFDM QPSK	1	1	19.97	19.98	19.93	0.099	0.100	0.098
Channel				133100	136100	139100	133100	136100	139100
Frequency (MHz)				665.5	680.5	695.5	665.5	680.5	695.5
5	DFT-s-OFDM QPSK	1	1	19.85	19.92	19.95	0.097	0.098	0.099



Channel				134600	136100	137600	134600	136100	137600
Frequency (MHz)				663	680.5	698	663	680.5	698
20	CP-OFDM QPSK	1	1	19.92	19.68	19.65	0.098	0.093	0.092
20	CP-OFDM 16QAM	1	1	19.35	19.14	19.10	0.086	0.082	0.081
20	CP-OFDM 64QAM	1	1	17.83	17.64	17.66	0.061	0.058	0.058
20	CP-OFDM 256QAM	1	1	14.35	14.15	14.16	0.027	0.026	0.026



DC_66A_n71				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddIC h./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh. / EIRP
Channel				134600	136100	137600	134600	136100	137600
Frequency (MHz)				673	680.5	688	673	680.5	688
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	20.01	19.96	19.97	0.100	0.099	0.099
20		1	53	19.78	19.74	19.95	0.095	0.094	0.099
20		1	104	19.76	19.69	19.78	0.095	0.093	0.095
20		50	1	19.86	19.88	19.70	0.097	0.097	0.093
20		50	25	19.74	19.71	20.03	0.094	0.094	0.101
20		50	50	19.76	19.72	19.95	0.095	0.094	0.099
20		100	0	19.80	19.80	19.98	0.095	0.095	0.100
20	DFT-s-OFDM QPSK	1	1	20.03	20.00	19.99	0.101	0.100	0.100
20		1	53	19.86	19.96	19.89	0.097	0.099	0.097
20		1	104	19.83	19.83	19.86	0.096	0.096	0.097
20		50	1	19.90	19.97	19.96	0.098	0.099	0.099
20		50	50	19.80	19.79	19.76	0.095	0.095	0.095
20		100	0	19.77	19.75	19.99	0.095	0.094	0.100
20	DFT-s-OFDM 16QAM	1	1	19.84	19.82	20.02	0.096	0.096	0.100
20	DFT-s-OFDM 64QAM	1	1	19.98	19.93	19.94	0.100	0.098	0.099
20	DFT-s-OFDM 256QAM	1	1	19.01	19.00	18.94	0.080	0.079	0.078
Channel				134100	136100	138100	134100	136100	138100
Frequency (MHz)				670.5	680.5	690.5	670.5	680.5	690.5
15	DFT-s-OFDM QPSK	1	1	19.86	19.99	19.95	0.097	0.100	0.099
Channel				133600	136100	138600	133600	136100	138600
Frequency (MHz)				668	680.5	693	668	680.5	693
10	DFT-s-OFDM QPSK	1	1	19.93	19.95	19.92	0.098	0.099	0.098
Channel				133100	136100	139100	133100	136100	139100
Frequency (MHz)				665.5	680.5	695.5	665.5	680.5	695.5
5	DFT-s-OFDM QPSK	1	1	19.90	19.96	19.98	0.098	0.099	0.100



Channel				134600	136100	137600	134600	136100	137600
Frequency (MHz)				663	680.5	698	663	680.5	698
20	CP-OFDM QPSK	1	1	19.83	19.61	19.65	0.096	0.091	0.092
20	CP-OFDM 16QAM	1	1	19.32	19.11	19.13	0.086	0.081	0.082
20	CP-OFDM 64QAM	1	1	17.81	17.59	17.66	0.060	0.057	0.058
20	CP-OFDM 256QAM	1	1	14.32	14.09	14.16	0.027	0.026	0.026



DC_2A_n77				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddIC h./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh. / EIRP
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
				dBm			W		
100	DFT-s-OFDM PI/2 BPSK	1	1	26.93	26.99	27.21	0.493	0.500	0.526
100		1	136	26.87	27.42	27.32	0.486	0.552	0.540
100		1	272	26.60	26.94	27.12	0.457	0.494	0.515
100		135	1	26.69	26.79	26.92	0.467	0.478	0.492
100		135	67	26.99	27.39	26.95	0.500	0.548	0.495
100		135	136	26.56	26.98	26.92	0.453	0.499	0.492
100		270	0	26.60	26.88	27.02	0.457	0.488	0.504
100	DFT-s-OFDM QPSK	1	1	27.40	27.45	27.35	0.550	0.556	0.543
100		1	136	26.91	27.42	26.70	0.491	0.552	0.468
100		1	272	26.21	26.49	26.85	0.418	0.446	0.484
100		135	1	26.19	26.37	26.48	0.416	0.434	0.445
100		135	67	26.99	27.40	27.30	0.500	0.550	0.537
100		135	136	26.03	26.47	26.60	0.401	0.444	0.457
100		270	0	26.22	26.38	26.50	0.419	0.435	0.447
100	DFT-s-OFDM 16QAM	1	1	26.02	25.42	25.57	0.400	0.348	0.361
100	DFT-s-OFDM 64QAM	1	1	24.20	24.91	24.85	0.263	0.310	0.305
100	DFT-s-OFDM 256QAM	1	1	22.45	22.89	22.75	0.176	0.195	0.188
Channel				649333	656000	662667	649333	656000	662667
Frequency (MHz)				3740	3840	3940	3740	3840	3940
80	DFT-s-OFDM QPSK	1	1	26.90	26.91	27.18	0.490	0.491	0.522
Channel				648667	656000	663333	648667	656000	663333
Frequency (MHz)				3730	3840	3950	3730	3840	3950
60	DFT-s-OFDM QPSK	1	1	27.27	27.10	27.28	0.533	0.513	0.535
Channel				648000	656000	664000	648000	656000	664000
Frequency (MHz)				3720	3840	3960	3720	3840	3960
40	DFT-s-OFDM	1	1	25.18	25.17	25.29	0.330	0.329	0.338



	QPSK								
Channel				647667	656000	664333	647667	656000	664333
Frequency (MHz)				3715	3840	3965	3715	3840	3965
30	DFT-s-OFDM QPSK	1	1	24.28	24.46	25.37	0.268	0.279	0.344
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	25.73	25.91	25.84	0.374	0.390	0.384
100	CP-OFDM 16QAM	1	1	24.97	25.24	25.48	0.314	0.334	0.353
100	CP-OFDM 64QAM	1	1	23.35	23.55	23.68	0.216	0.226	0.233
100	CP-OFDM 256QAM	1	1	20.77	20.07	20.88	0.119	0.102	0.122



DC_13A_n77				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddIC h./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh. / EIRP
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
				dBm			W		
100	DFT-s-OFDM PI/2 BPSK	1	1	27.13	27.47	27.42	0.516	0.558	0.552
100		1	136	26.91	27.02	27.28	0.491	0.504	0.535
100		1	272	26.70	27.01	27.15	0.468	0.502	0.519
100		135	1	26.68	26.82	27.18	0.466	0.481	0.522
100		135	67	26.98	27.27	27.37	0.499	0.533	0.546
100		135	136	26.52	27.11	27.14	0.449	0.514	0.518
100		270	0	26.56	26.88	27.15	0.453	0.488	0.519
100	DFT-s-OFDM QPSK	1	1	26.90	27.04	27.41	0.490	0.506	0.551
100		1	136	26.94	27.50	27.49	0.494	0.562	0.561
100		1	272	26.25	26.59	26.61	0.422	0.456	0.458
100		135	1	26.08	26.31	26.69	0.406	0.428	0.467
100		135	67	26.94	27.43	27.49	0.494	0.553	0.561
100		135	136	26.05	26.64	26.65	0.403	0.461	0.462
100		270	0	26.09	26.38	26.69	0.406	0.435	0.467
100	DFT-s-OFDM 16QAM	1	1	26.11	26.11	26.49	0.408	0.408	0.446
100	DFT-s-OFDM 64QAM	1	1	24.21	24.24	24.69	0.264	0.265	0.294
100	DFT-s-OFDM 256QAM	1	1	22.43	22.95	22.96	0.175	0.197	0.198
Channel				649333	656000	662667	649333	656000	662667
Frequency (MHz)				3740	3840	3940	3740	3840	3940
80	DFT-s-OFDM QPSK	1	1	24.48	24.39	24.45	0.281	0.275	0.279
Channel				648667	656000	663333	648667	656000	663333
Frequency (MHz)				3730	3840	3950	3730	3840	3950
60	DFT-s-OFDM QPSK	1	1	24.67	24.50	24.92	0.293	0.282	0.310
Channel				648000	656000	664000	648000	656000	664000
Frequency (MHz)				3720	3840	3960	3720	3840	3960
40	DFT-s-OFDM	1	1	24.91	25.11	25.20	0.310	0.324	0.331



	QPSK								
Channel				647667	656000	664333	647667	656000	664333
Frequency (MHz)				3715	3840	3965	3715	3840	3965
30	DFT-s-OFDM QPSK	1	1	24.62	24.94	24.72	0.290	0.312	0.296
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	25.72	25.91	25.95	0.373	0.390	0.394
100	CP-OFDM 16QAM	1	1	25.14	25.27	25.45	0.327	0.337	0.351
100	CP-OFDM 64QAM	1	1	23.58	23.63	23.75	0.228	0.231	0.237
100	CP-OFDM 256QAM	1	1	20.75	20.72	21.00	0.119	0.118	0.126



DC_66A_n77				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddIC h./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh. / EIRP
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
				dBm			W		
100	DFT-s-OFDM PI/2 BPSK	1	1	23.99	24.63	24.66	0.251	0.290	0.292
100		1	136	24.43	24.69	24.98	0.277	0.294	0.315
100		1	272	24.34	24.42	24.57	0.272	0.277	0.286
100		135	1	24.01	24.24	24.58	0.252	0.265	0.287
100		135	67	24.50	24.63	25.03	0.282	0.290	0.318
100		135	136	24.24	24.35	24.67	0.265	0.272	0.293
100		270	0	24.08	24.30	24.57	0.256	0.269	0.286
100	DFT-s-OFDM QPSK	1	1	24.96	25.04	24.91	0.313	0.319	0.310
100		1	136	24.45	25.05	24.91	0.279	0.320	0.310
100		1	272	23.85	23.97	24.11	0.243	0.249	0.258
100		135	1	24.25	24.35	24.31	0.266	0.272	0.270
100		135	67	24.24	24.25	23.96	0.265	0.266	0.249
100		135	136	23.83	24.02	24.19	0.242	0.252	0.262
100		270	0	24.12	23.95	24.14	0.258	0.248	0.259
100	DFT-s-OFDM 16QAM	1	1	23.65	23.72	23.83	0.232	0.236	0.242
100	DFT-s-OFDM 64QAM	1	1	21.71	21.91	21.97	0.148	0.155	0.157
100	DFT-s-OFDM 256QAM	1	1	19.59	20.25	20.24	0.091	0.106	0.106
Channel				649333	656000	662667	649333	656000	662667
Frequency (MHz)				3740	3840	3940	3740	3840	3940
80	DFT-s-OFDM QPSK	1	1	24.58	24.62	24.96	0.287	0.290	0.313
Channel				648667	656000	663333	648667	656000	663333
Frequency (MHz)				3730	3840	3950	3730	3840	3950
60	DFT-s-OFDM QPSK	1	1	24.39	24.68	24.53	0.275	0.294	0.284
Channel				648000	656000	664000	648000	656000	664000
Frequency (MHz)				3720	3840	3960	3720	3840	3960
40	DFT-s-OFDM	1	1	24.59	24.95	25.00	0.288	0.313	0.316



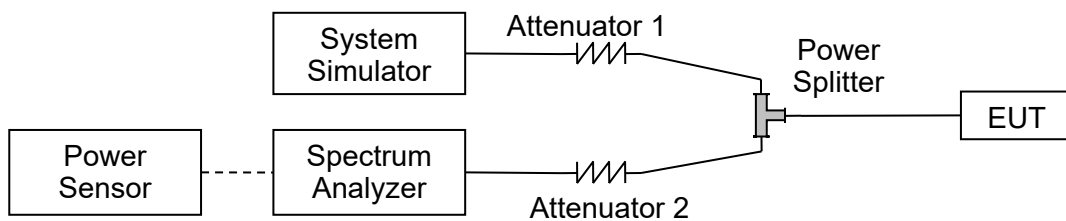
	QPSK								
Channel				647667	656000	664333	647667	656000	664333
Frequency (MHz)				3715	3840	3965	3715	3840	3965
30	DFT-s-OFDM QPSK	1	1	24.33	24.92	24.96	0.271	0.310	0.313
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	22.93	23.59	23.43	0.196	0.229	0.220
100	CP-OFDM 16QAM	1	1	22.11	22.77	22.81	0.163	0.189	0.191
100	CP-OFDM 64QAM	1	1	21.06	21.26	21.26	0.128	0.134	0.134
100	CP-OFDM 256QAM	1	1	18.13	18.32	18.27	0.065	0.068	0.067

2.2. Occupied Bandwidth

2.2.1. Requirement

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

2.2.2. Test Description



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

2.2.3. Test procedure

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

2.2.4. Test Result

Note: In the same NR frequency band, The measured power in SA mode is higher than that in NSA mode, SA mode is selected to test all test cases.



n2					
BW(MHz)	Channel Level	Modulation		99% BW(MHz)	26dB BW(MHz)
5	Low	DFT-s-OFDM	PI/2 BPSK	4.4635	4.677
	Low		QPSK	4.504	4.671
	Low		16QAM	4.5096	4.706
	Low		64QAM	4.5043	4.68
	Low		256QAM	4.5136	4.678
	Low	CP-OFDM	QPSK	4.4992	4.672
	Mid	DFT-s-OFDM	PI/2 BPSK	4.4846	4.692
	Mid		QPSK	4.4989	4.665
	Mid		16QAM	4.5277	4.694
	Mid		64QAM	4.512	4.735
	Mid		256QAM	4.5196	4.72
	Mid	CP-OFDM	QPSK	4.5022	4.684
	High	DFT-s-OFDM	PI/2 BPSK	4.4222	4.692
	High		QPSK	4.5219	4.714
	High		16QAM	4.5083	4.701
	High		64QAM	4.4898	4.656
	High		256QAM	4.5053	4.718
	High	CP-OFDM	QPSK	4.5041	4.683
10	Low	DFT-s-OFDM	PI/2 BPSK	9.0851	9.405
	Low		QPSK	9.0626	9.424
	Low		16QAM	9.0848	9.399
	Low		64QAM	9.027	9.33
	Low		256QAM	8.9931	9.339
	Low	CP-OFDM	QPSK	9.4144	9.701
	Mid	DFT-s-OFDM	PI/2 BPSK	9.0362	9.363
	Mid		QPSK	9.067	9.422
	Mid		16QAM	8.9413	9.382
	Mid		64QAM	9.0749	9.393
	Mid		256QAM	9.0125	9.412
	Mid	CP-OFDM	QPSK	9.3948	9.724
	High	DFT-s-OFDM	PI/2 BPSK	9.0661	9.408
	High		QPSK	9.0266	9.374
	High		16QAM	9.0445	9.589
	High		64QAM	9.0727	9.411



	High		256QAM	8.8986	9.541
	High	CP-OFDM	QPSK	9.0747	9.413
15	Low	DFT-s-OFDM	PI/2 BPSK	13.573	14.06
	Low		QPSK	13.528	13.96
	Low		16QAM	13.581	14.1
	Low		64QAM	13.614	14.1
	Low		256QAM	13.621	14.09
	Low	CP-OFDM	QPSK	13.626	14.05
	Mid	DFT-s-OFDM	PI/2 BPSK	13.623	14.18
	Mid		QPSK	13.561	14.06
	Mid		16QAM	13.572	14.67
	Mid		64QAM	13.583	14.54
	Mid		256QAM	13.653	14.36
	Mid	CP-OFDM	QPSK	13.649	14.54
	High	DFT-s-OFDM	PI/2 BPSK	13.6	14.06
	High		QPSK	13.628	14.44
	High		16QAM	13.655	14.12
	High		64QAM	13.573	14.31
	High		256QAM	13.622	14.58
	High	CP-OFDM	QPSK	13.6	14.08
20	Low	DFT-s-OFDM	PI/2 BPSK	17.958	18.65
	Low		QPSK	18.197	18.94
	Low		16QAM	18.168	18.78
	Low		64QAM	18.079	18.65
	Low		256QAM	18.103	19.2
	Low	CP-OFDM	QPSK	18.096	18.9
	Mid	DFT-s-OFDM	PI/2 BPSK	18.152	18.95
	Mid		QPSK	18.161	19.14
	Mid		16QAM	18.156	18.96
	Mid		64QAM	18.126	18.8
	Mid		256QAM	18.194	18.8
	Mid	CP-OFDM	QPSK	18.173	18.84
	High	DFT-s-OFDM	PI/2 BPSK	18.129	18.89
	High		QPSK	18.04	18.75
	High		16QAM	18.154	19.1
	High		64QAM	18.18	19.24
	High		256QAM	18.116	18.93



	High	CP-OFDM	QPSK	18.146	19.16
--	------	---------	------	--------	-------

n66					
BW(MHz)	Channel Level	Modulation		99% BW(MHz)	26dB BW(MHz)
5	Low	DFT-s-OFDM	PI/2 BPSK	4.5033	4.653
	Low		QPSK	4.5	4.722
	Low		16QAM	4.4956	4.686
	Low		64QAM	4.5062	4.696
	Low		256QAM	4.5099	4.721
	Low	CP-OFDM	QPSK	4.5049	4.682
	Mid	DFT-s-OFDM	PI/2 BPSK	4.5091	4.673
	Mid		QPSK	4.5053	4.697
	Mid		16QAM	4.5292	4.7
	Mid		64QAM	4.5124	4.677
	Mid		256QAM	4.5118	4.672
	Mid	CP-OFDM	QPSK	4.5085	4.715
	High	DFT-s-OFDM	PI/2 BPSK	4.4819	4.642
	High		QPSK	4.5083	4.697
	High		16QAM	4.5057	4.71
	High		64QAM	4.5081	4.729
	High		256QAM	4.4696	4.72
	High	CP-OFDM	QPSK	4.5055	4.691
10	Low	DFT-s-OFDM	PI/2 BPSK	9.0328	9.373
	Low		QPSK	9.0763	9.413
	Low		16QAM	9.0855	9.401
	Low		64QAM	9.0864	9.405
	Low		256QAM	9.0746	9.407
	Low	CP-OFDM	QPSK	9.0045	9.413
	Mid	DFT-s-OFDM	PI/2 BPSK	8.9956	9.442
	Mid		QPSK	9.0323	9.382
	Mid		16QAM	9.0821	9.396
	Mid		64QAM	9.047	9.44
	Mid		256QAM	9.054	9.385
	Mid	CP-OFDM	QPSK	9.0485	9.369
	High	DFT-s-OFDM	PI/2 BPSK	9.0826	9.514
	High		QPSK	9.0671	9.38



	High	CP-OFDM	16QAM	9.0946	9.424
	High		64QAM	8.9416	9.415
	High		256QAM	9.0613	9.391
	High		QPSK	9.0825	9.508
15	Low	DFT-s-OFDM	PI/2 BPSK	13.453	14.04
	Low		QPSK	13.638	14.11
	Low		16QAM	13.556	14.12
	Low		64QAM	13.654	14.09
	Low		256QAM	13.57	14.1
	Low	CP-OFDM	QPSK	14.258	14.72
	Mid	DFT-s-OFDM	PI/2 BPSK	13.629	14.13
	Mid		QPSK	13.642	14.16
	Mid		16QAM	13.565	14.17
	Mid		64QAM	13.665	14.1
	Mid		256QAM	13.654	14.12
	Mid	CP-OFDM	QPSK	13.672	14.08
	High	DFT-s-OFDM	PI/2 BPSK	13.657	14.16
	High		QPSK	13.701	14.09
	High		16QAM	13.661	14.03
	High		64QAM	13.703	14.15
High	256QAM		13.649	14.14	
High	CP-OFDM	QPSK	13.628	14.1	
20	Low	DFT-s-OFDM	PI/2 BPSK	17.736	18.45
	Low		QPSK	18.206	18.78
	Low		16QAM	18.217	18.81
	Low		64QAM	18.131	18.8
	Low		256QAM	18.092	18.8
	Low	CP-OFDM	QPSK	19.283	19.87
	Mid	DFT-s-OFDM	PI/2 BPSK	18.212	18.81
	Mid		QPSK	18.167	18.78
	Mid		16QAM	18.256	18.77
	Mid		64QAM	18.063	18.78
	Mid		256QAM	18.247	18.86
	Mid	CP-OFDM	QPSK	18.236	18.83
	High	DFT-s-OFDM	PI/2 BPSK	18.062	18.81
	High		QPSK	18.178	18.77
High	16QAM		18.184	18.68	



	High		64QAM	18.148	18.77
	High		256QAM	18.117	18.79
	High	CP-OFDM	QPSK	18.138	18.82

n71					
BW(MHz)	Channel Level	Modulation		99% BW(MHz)	26dB BW(MHz)
5	Low	DFT-s-OFDM	PI/2 BPSK	4.48	4.62
	Low		QPSK	4.47	4.63
	Low		16QAM	4.47	4.62
	Low		64QAM	4.48	4.61
	Low		256QAM	4.48	4.62
	Low	CP-OFDM	QPSK	4.47	4.61
	Mid	DFT-s-OFDM	PI/2 BPSK	4.48	4.63
	Mid		QPSK	4.48	4.61
	Mid		16QAM	4.47	4.61
	Mid		64QAM	4.47	4.61
	Mid		256QAM	4.48	4.59
	Mid	CP-OFDM	QPSK	4.46	4.60
	High	DFT-s-OFDM	PI/2 BPSK	4.48	4.60
	High		QPSK	4.48	4.61
	High		16QAM	4.48	4.61
	High		64QAM	4.49	4.62
	High		256QAM	4.49	4.60
	High	CP-OFDM	QPSK	4.46	4.60
10	Low	DFT-s-OFDM	PI/2 BPSK	8.99	9.32
	Low		QPSK	8.96	9.21
	Low		16QAM	8.94	9.17
	Low		64QAM	8.96	9.30
	Low		256QAM	8.88	9.19
	Low	CP-OFDM	QPSK	9.23	9.64
	Mid	DFT-s-OFDM	PI/2 BPSK	8.96	9.26
	Mid		QPSK	8.95	9.26
	Mid		16QAM	8.93	9.23
	Mid		64QAM	9.00	9.37
	Mid		256QAM	8.95	9.29
	Mid	CP-OFDM	QPSK	9.30	9.71



	High	DFT-s-OFDM	PI/2 BPSK	8.94	9.23
	High		QPSK	8.96	9.26
	High		16QAM	8.93	9.32
	High		64QAM	8.97	9.30
	High		256QAM	8.89	9.16
	High	CP-OFDM	QPSK	9.33	9.66
15	Low	DFT-s-OFDM	PI/2 BPSK	13.52	13.87
	Low		QPSK	13.50	13.82
	Low		16QAM	13.49	14.04
	Low		64QAM	13.50	13.80
	Low		256QAM	13.45	14.19
	Low	CP-OFDM	QPSK	14.21	14.79
	Mid	DFT-s-OFDM	PI/2 BPSK	13.45	13.79
	Mid		QPSK	13.39	13.76
	Mid		16QAM	13.44	14.07
	Mid		64QAM	13.48	14.17
	Mid		256QAM	13.43	14.01
	Mid	CP-OFDM	QPSK	14.12	14.75
	High	DFT-s-OFDM	PI/2 BPSK	13.50	14.10
	High		QPSK	13.47	14.23
	High		16QAM	13.37	13.72
	High		64QAM	13.50	13.80
	High		256QAM	13.44	14.18
	High	CP-OFDM	QPSK	14.22	14.52
20	Low	DFT-s-OFDM	PI/2 BPSK	18.02	18.46
	Low		QPSK	17.90	18.56
	Low		16QAM	18.00	18.73
	Low		64QAM	17.97	18.51
	Low		256QAM	17.95	18.43
	Low	CP-OFDM	QPSK	19.02	19.75
	Mid	DFT-s-OFDM	PI/2 BPSK	17.96	18.40
	Mid		QPSK	17.99	18.42
	Mid		16QAM	17.93	18.76
	Mid		64QAM	17.93	18.86
	Mid		256QAM	17.93	18.70
	Mid	CP-OFDM	QPSK	19.10	19.55
	High	DFT-s-OFDM	PI/2 BPSK	17.93	18.40



	High		QPSK	17.93	18.79
	High		16QAM	17.93	18.37
	High		64QAM	17.90	18.40
	High		256QAM	17.66	18.20
	High		CP-OFDM	QPSK	19.01

DC_13A_n77					
BW(MHz)	Channel Level	Modulation		99% BW(MHz)	26dB BW(MHz)
30	Low	DFT-s-OFDM	PI/2 BPSK	27.421	28.24
	Low		QPSK	27.044	28.0
	Low		16QAM	27.314	28.33
	Low		64QAM	27.147	28.32
	Low		256QAM	26.961	28.22
	Low	CP-OFDM	QPSK	28.158	29.21
	Mid	DFT-s-OFDM	PI/2 BPSK	27.359	28.24
	Mid		QPSK	27.093	28.14
	Mid		16QAM	27.258	28.39
	Mid		64QAM	27.408	28.33
	Mid		256QAM	27.249	28.08
	Mid	CP-OFDM	QPSK	27.898	29.05
	High	DFT-s-OFDM	PI/2 BPSK	27.317	28.25
	High		QPSK	27.272	28.11
	High		16QAM	27.337	28.3
	High		64QAM	27.177	28.07
	High		256QAM	27.074	27.8
	High	CP-OFDM	QPSK	28.454	29.16
40	Low	DFT-s-OFDM	PI/2 BPSK	36.229	37.71
	Low		QPSK	36.311	37.45
	Low		16QAM	36.367	37.37
	Low		64QAM	36.317	37.5
	Low		256QAM	36.339	37.39
	Low	CP-OFDM	QPSK	38.432	39.72
	Mid	DFT-s-OFDM	PI/2 BPSK	35.989	37.75
	Mid		QPSK	36.307	37.44
	Mid		16QAM	35.954	37.45
	Mid		64QAM	36.382	37.58
	Mid				



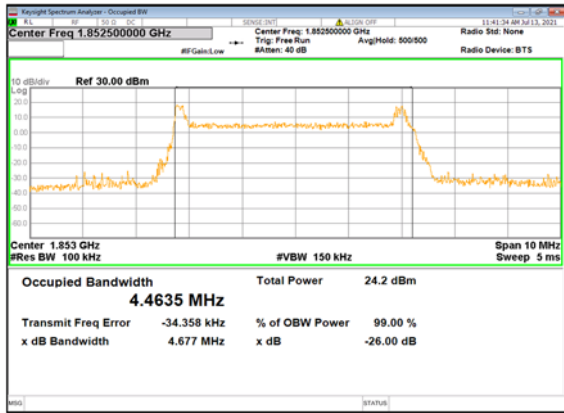
	Mid		256QAM	36.458	37.5
	Mid	CP-OFDM	QPSK	38.77	39.82
	High	DFT-s-OFDM	PI/2 BPSK	35.924	37.2
	High		QPSK	36.581	37.7
	High		16QAM	36.45	37.65
	High		64QAM	36.276	37.39
	High		256QAM	36.149	37.42
	High	CP-OFDM	QPSK	38.33	39.55
60	Low	DFT-s-OFDM	PI/2 BPSK	59.136	60.82
	Low		QPSK	57.937	59.85
	Low		16QAM	59.139	60.68
	Low		64QAM	58.799	60.84
	Low		256QAM	58.719	60.68
	Low	CP-OFDM	QPSK	58.93	60.64
	Mid	DFT-s-OFDM	PI/2 BPSK	58.805	60.77
	Mid		QPSK	59.133	60.78
	Mid		16QAM	59.185	60.69
	Mid		64QAM	58.802	60.29
	Mid		256QAM	58.942	60.77
	Mid	CP-OFDM	QPSK	58.679	60.54
	High	DFT-s-OFDM	PI/2 BPSK	58.724	60.75
	High		QPSK	58.708	60.57
	High		16QAM	58.526	60.72
	High		64QAM	58.647	60.54
	High		256QAM	58.36	60.52
	High	CP-OFDM	QPSK	58.569	60.16
80	Low	DFT-s-OFDM	PI/2 BPSK	78.857	80.91
	Low		QPSK	76.999	79.86
	Low		16QAM	78.367	80.73
	Low		64QAM	78.174	80.37
	Low		256QAM	78.089	80.71
	Low	CP-OFDM	QPSK	78.816	81.19
	Mid	DFT-s-OFDM	PI/2 BPSK	77.444	80.62
	Mid		QPSK	78.615	80.97
	Mid		16QAM	78.608	81.08
	Mid		64QAM	78.657	80.98
	Mid		256QAM	78.601	80.94



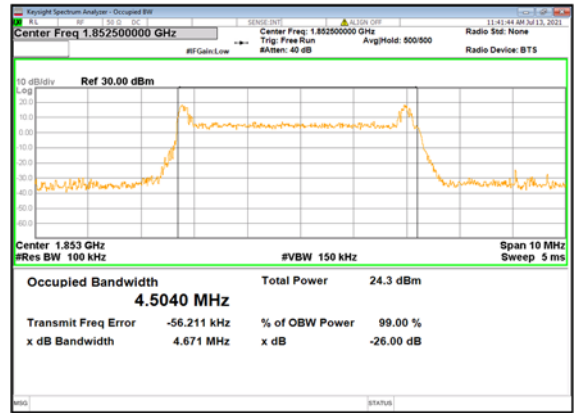
	Mid	CP-OFDM	QPSK	78.963	81.53
	High	DFT-s-OFDM	PI/2 BPSK	77.999	80.63
	High		QPSK	78.388	80.81
	High		16QAM	78.274	80.78
	High		64QAM	78.413	80.47
	High		256QAM	78.779	81.73
	High	CP-OFDM	QPSK	77.776	82.04
100	Low	DFT-s-OFDM	PI/2 BPSK	98.078	100.8
	Low		QPSK	97.968	101.0
	Low		16QAM	97.953	101.2
	Low		64QAM	97.498	100.4
	Low		256QAM	97.836	101.1
	Low	CP-OFDM	QPSK	99.761	103.0
	Mid	DFT-s-OFDM	PI/2 BPSK	98.542	101.1
	Mid		QPSK	98.799	101.8
	Mid		16QAM	98.333	101.3
	Mid		64QAM	98.276	101.4
	Mid		256QAM	98.715	102.5
	Mid	CP-OFDM	QPSK	98.425	103.0
	High	DFT-s-OFDM	PI/2 BPSK	98.435	101.4
	High		QPSK	97.921	100.9
	High		16QAM	97.91	101.0
	High		64QAM	97.716	101.0
	High		256QAM	96.527	100.9
	High	CP-OFDM	QPSK	97.778	101.1



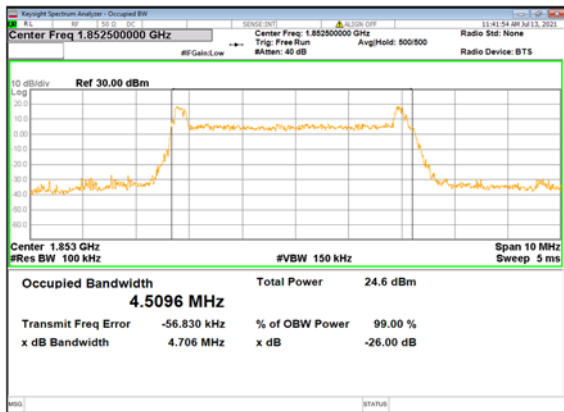
n2(5M)_DFT-s-OFDM_
PI/2 BPSK_Outer_Full_Low_CH



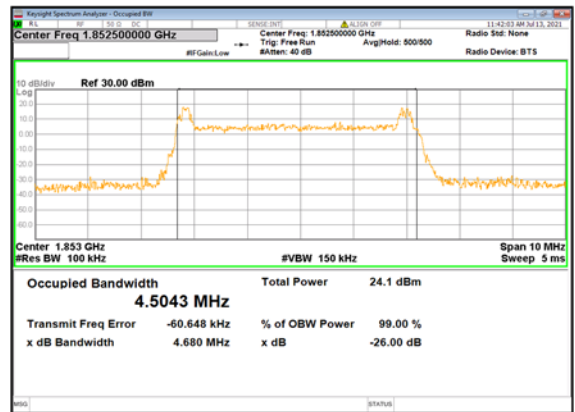
n2(5M)_DFT-s-OFDM_
QPSK_Outer_Full_Low_CH



n2(5M)_DFT-s-OFDM_
16QAM_Outer_Full_Low_CH

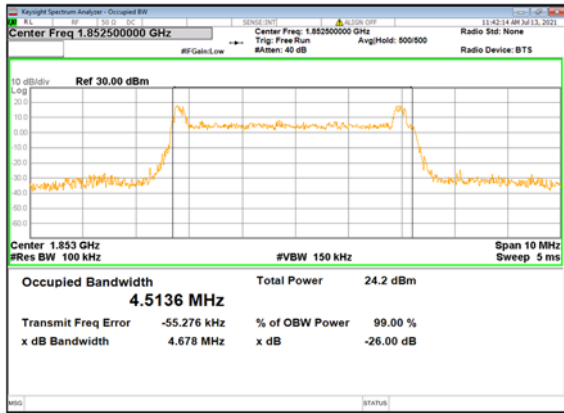


n2(5M)_DFT-s-OFDM_
64QAM_Outer_Full_Low_CH

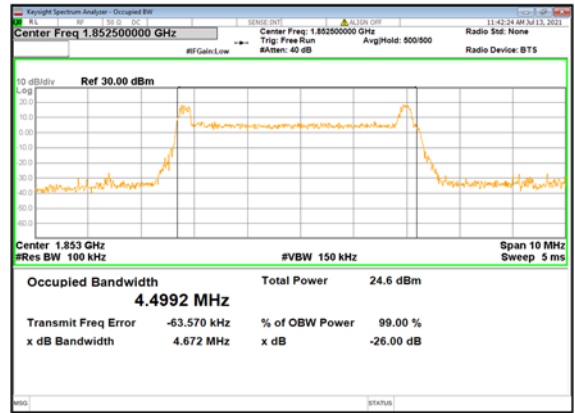




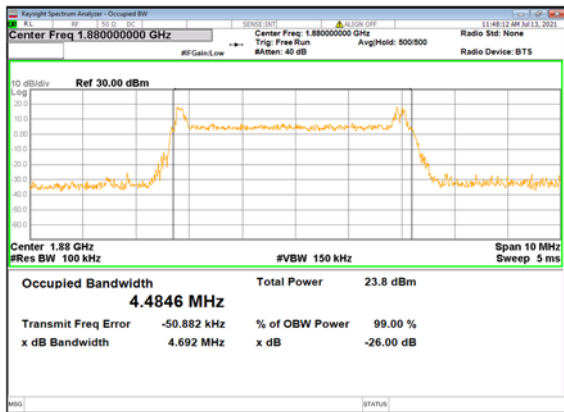
n2(5M)_DFT-s-OFDM_
256QAM_Outer_Full_Low_CH



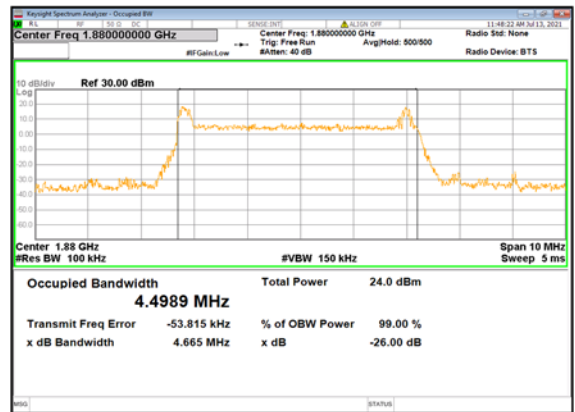
n2(5M)_CP-OFDM_
QPSK_Outer_Full_Low_CH



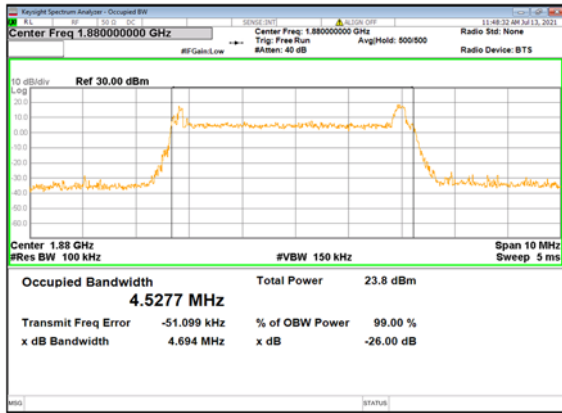
n2(5M)_DFT-s-OFDM_
PI/2 BPSK_Outer_Full_Mid_CH



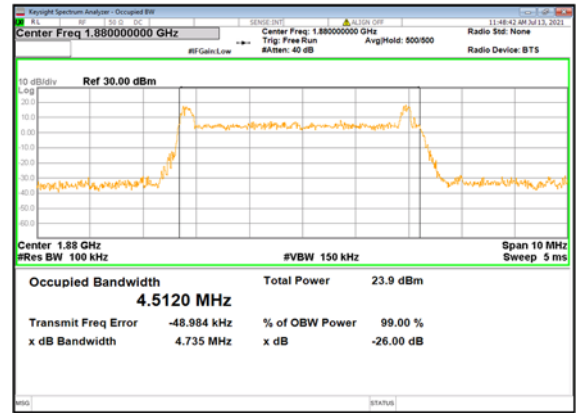
n2(5M)_DFT-s-OFDM_
QPSK_Outer_Full_Mid_CH



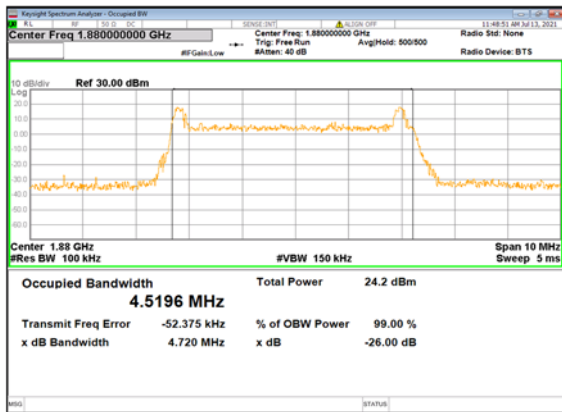
n2(5M)_DFT-s-OFDM_
16QAM_Outer_Full_Mid_CH



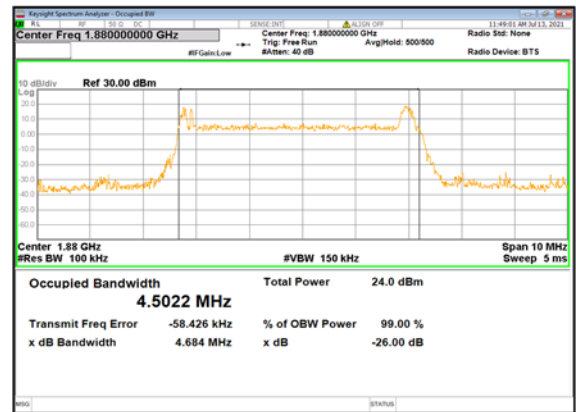
n2(5M)_DFT-s-OFDM_
64QAM_Outer_Full_Mid_CH



n2(5M)_DFT-s-OFDM_
256QAM_Outer_Full_Mid_CH

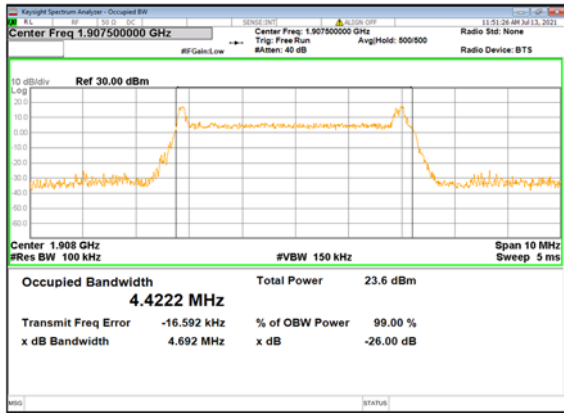


n2(5M)_CP-OFDM_
QPSK_Outer_Full_Mid_CH

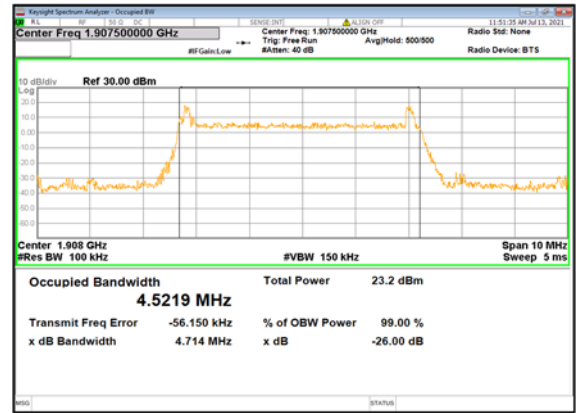




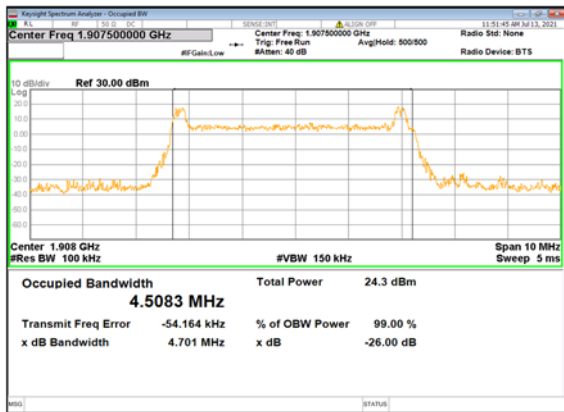
n2(5M)_DFT-s-OFDM_
PI/2 BPSK_Outer_Full_High_CH



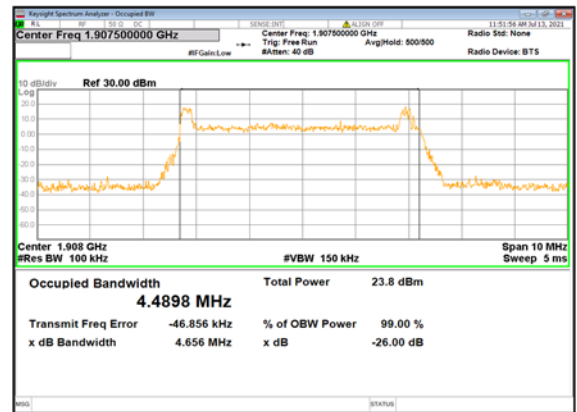
n2(5M)_DFT-s-OFDM_
QPSK_Outer_Full_High_CH



n2(5M)_DFT-s-OFDM_16QAM_Outer_
Full_High_CH

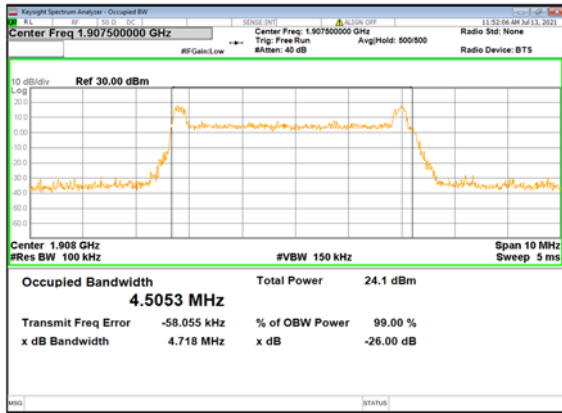


n2(5M)_DFT-s-OFDM_64QAM_Outer_
Full_High_CH

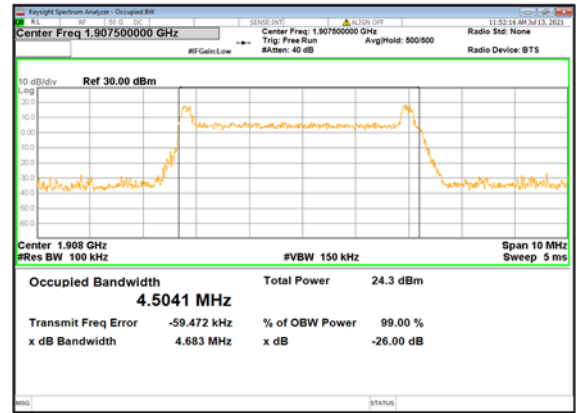




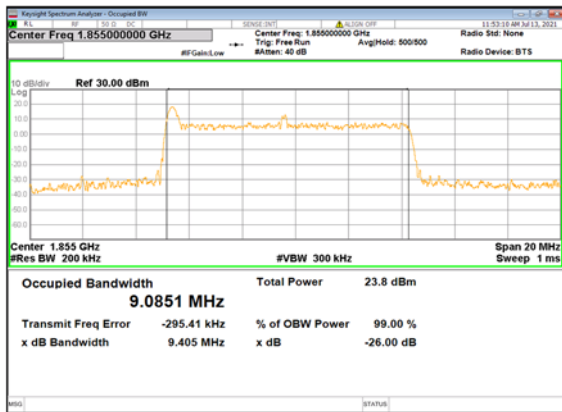
n2(5M)_DFT-s-OFDM_256QAM_Outer_
Full_High_CH



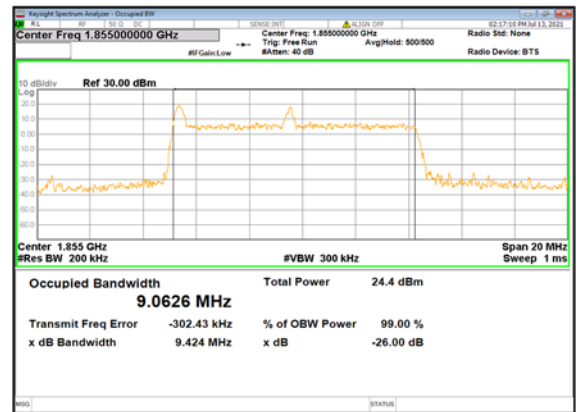
n2(5M)_CP-OFDM_QPSK_Outer_
Full_High_CH



n2(10M)_DFT-s-OFDM_PI/2 BPSK_Outer_
Full_Low_CH

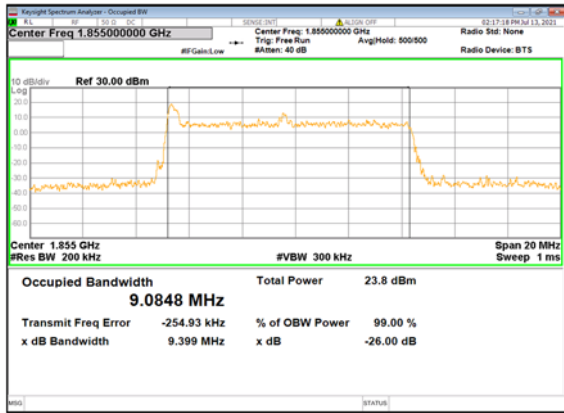


n2(10M)_DFT-s-OFDM_QPSK_Outer_
Full_Low_CH

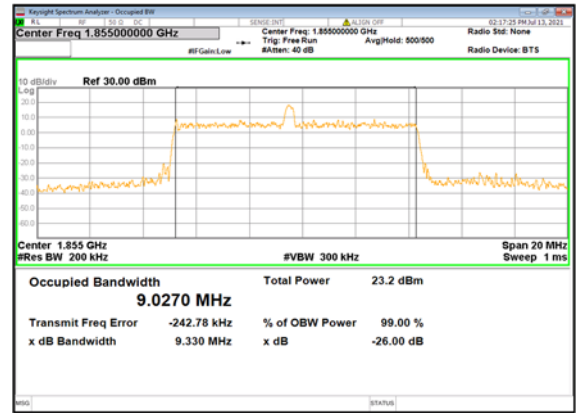




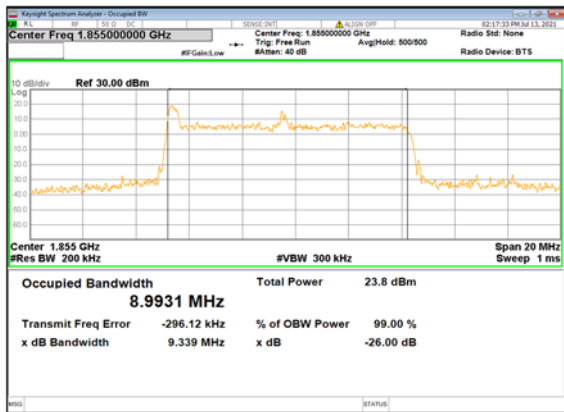
n2(10M)_DFT-s-OFDM_16QAM_Outer_Full_Low_CH



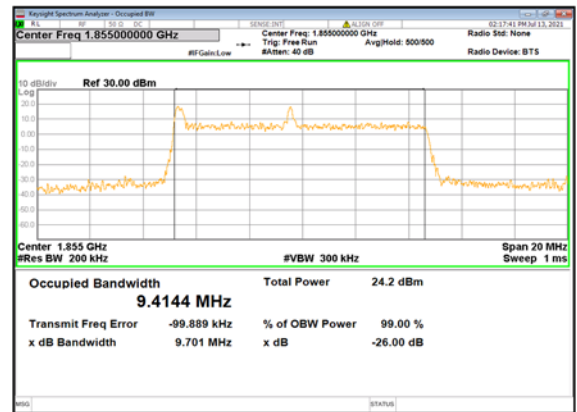
n2(10M)_DFT-s-OFDM_64QAM_Outer_Full_Low_CH



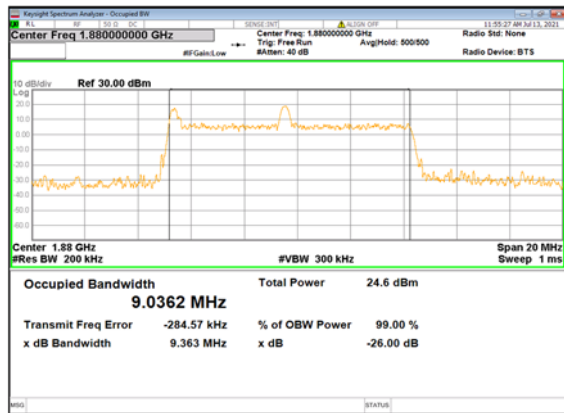
n2(10M)_DFT-s-OFDM_256QAM_Outer_Full_Low_CH



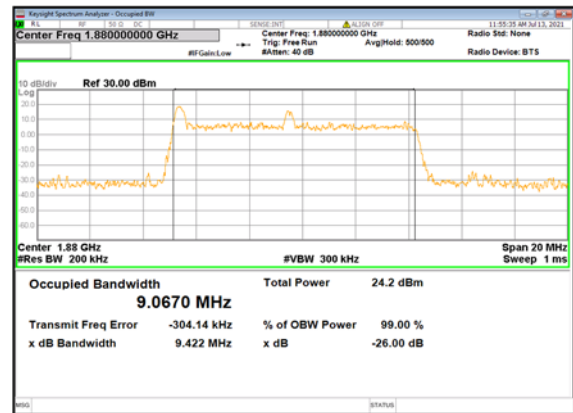
n2(10M)_CP-OFDM_QPSK_Outer_Full_Low_CH



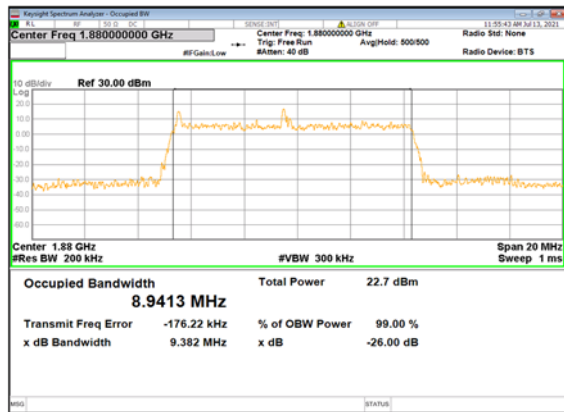
n2(10M)_DFT-s-OFDM_PI/2 BPSK_Outer_Full_Mid_CH



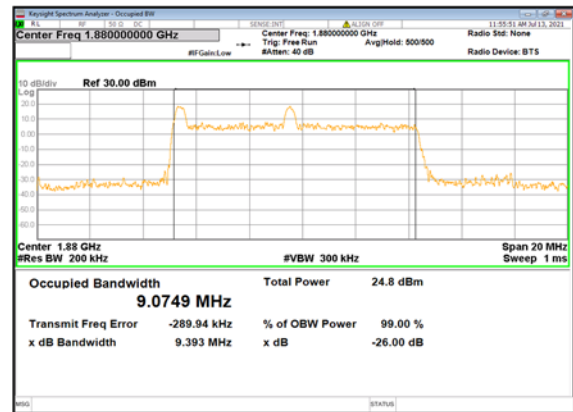
n2(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



n2(10M)_DFT-s-OFDM_16QAM_Outer_Full_Mid_CH

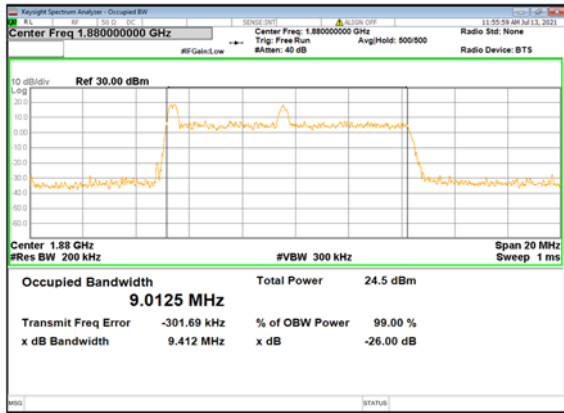


n2(10M)_DFT-s-OFDM_64QAM_Outer_Full_Mid_CH

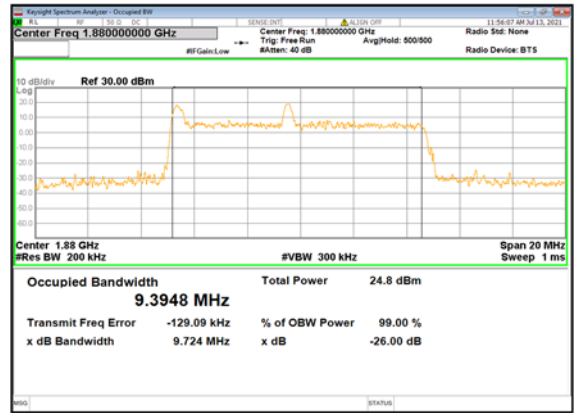




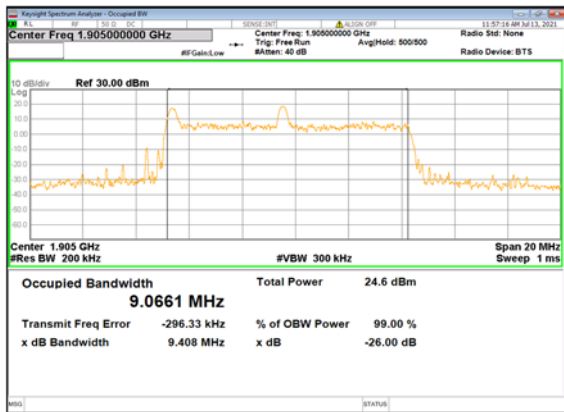
n2(10M)_DFT-s-OFDM_256QAM_Outer_Full_Mid_CH



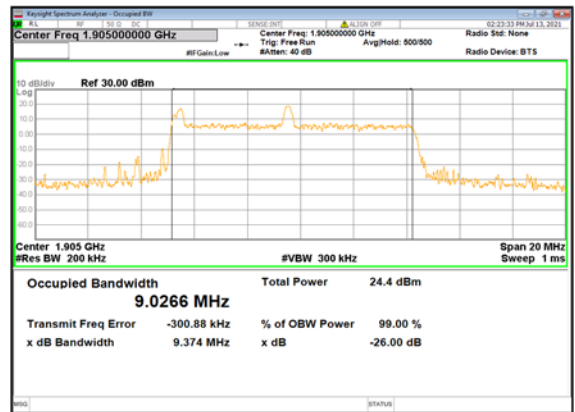
n2(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



n2(10M)_DFT-s-OFDM_PI/2 BPSK_Outer_Full_High_CH

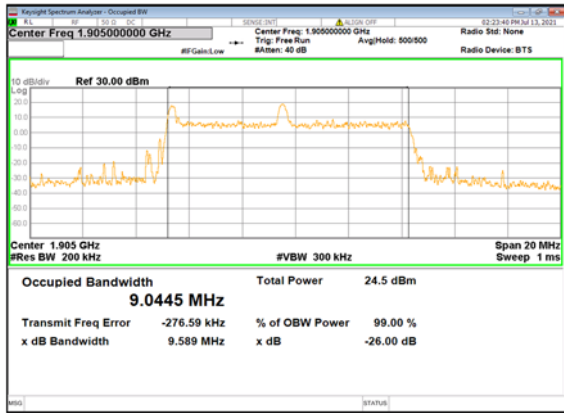


n2(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

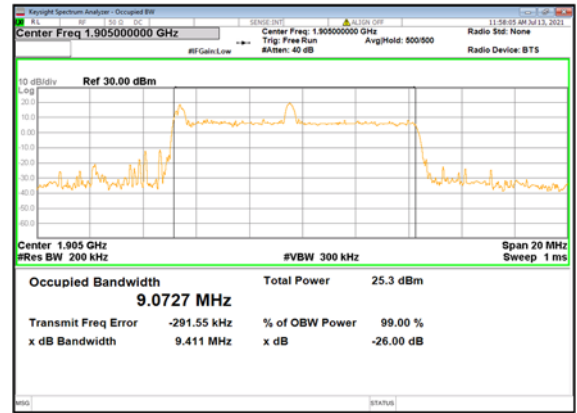




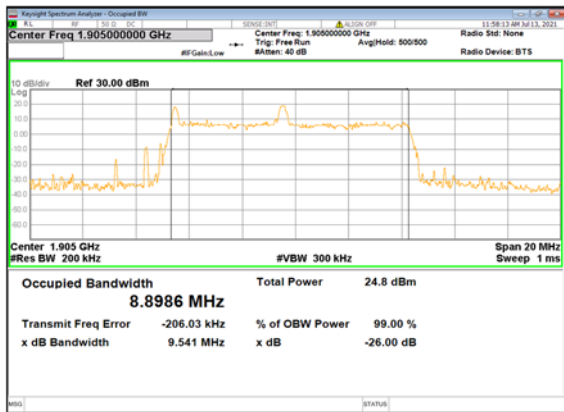
n2(10M)_DFT-s-OFDM_16QAM_Outer_Full_High_CH



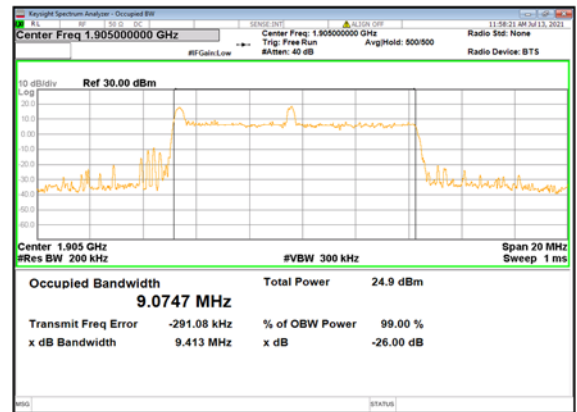
n2(10M)_DFT-s-OFDM_64QAM_Outer_Full_High_CH



n2(10M)_DFT-s-OFDM_256QAM_Outer_Full_High_CH

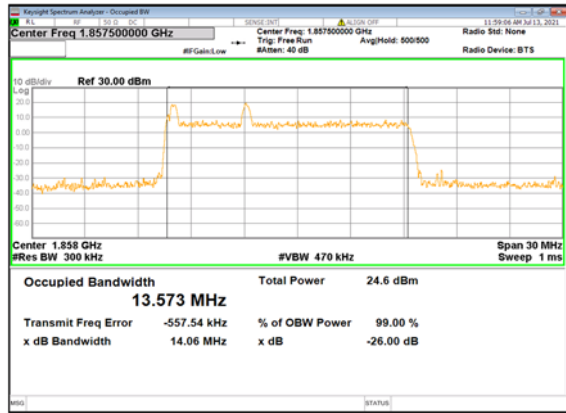


n2(10M)_CP-OFDM_QPSK_Outer_Full_High_CH

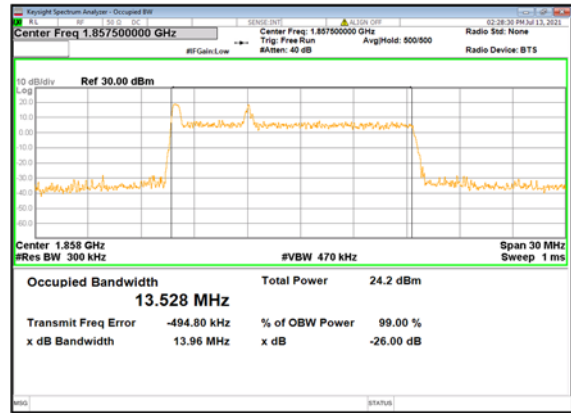




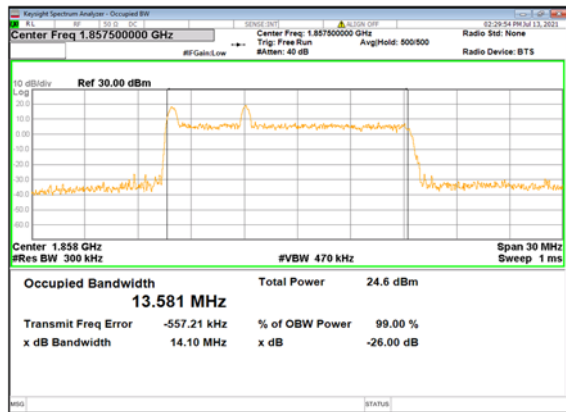
n2(15M)_DFT-s-OFDM_PI/2 BPSK_Outer_Full_Low_CH



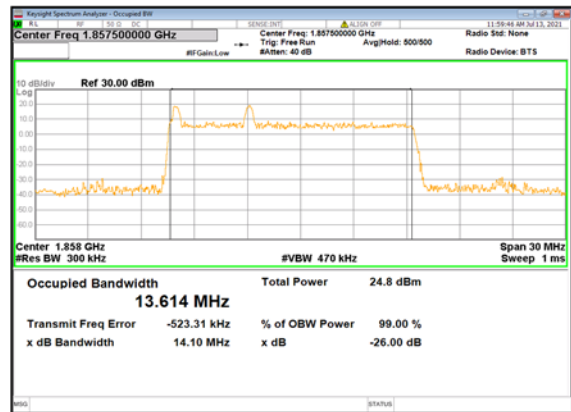
n2(15M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



n2(15M)_DFT-s-OFDM_16QAM_Outer_Full_Low_CH

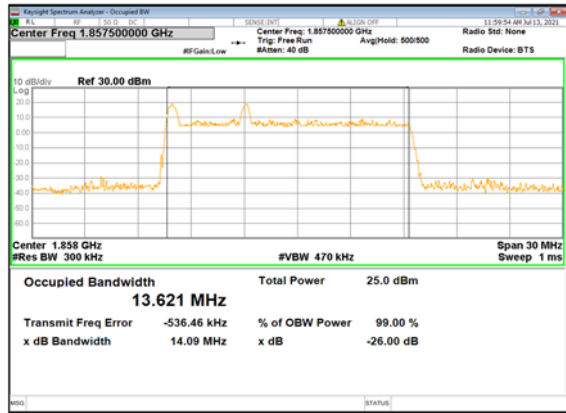


n2(15M)_DFT-s-OFDM_64QAM_Outer_Full_Low_CH

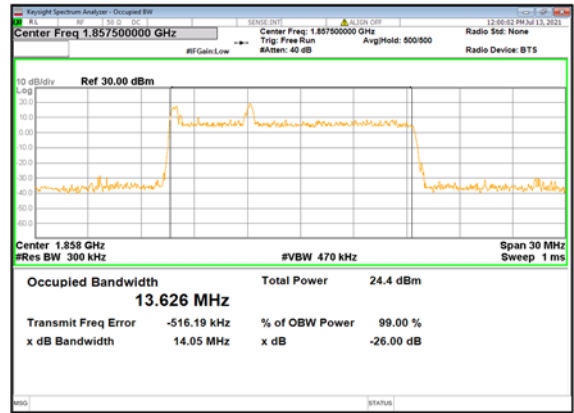




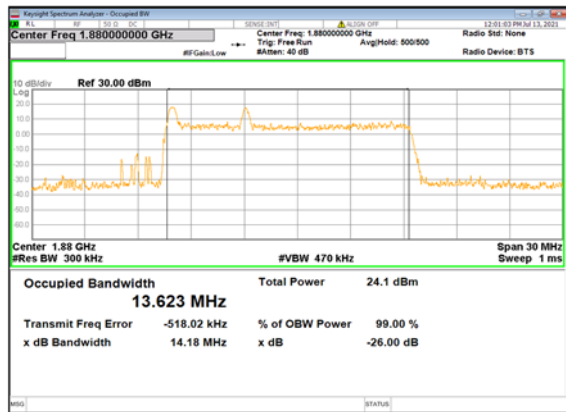
n2(15M)_DFT-s-OFDM_256QAM_Outer_Full_Low_CH



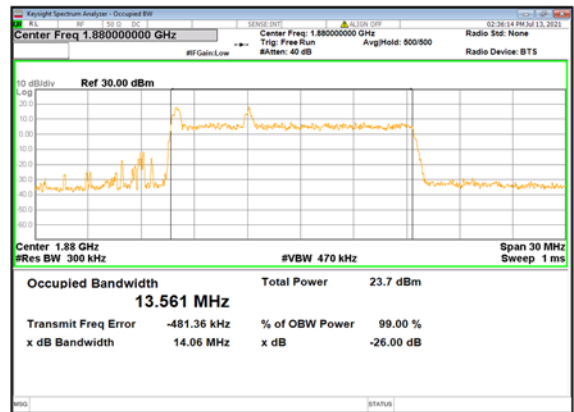
n2(15M)_CP-OFDM_QPSK_Outer_Full_Low_CH



n2(15M)_DFT-s-OFDM_PI/2 BPSK_Outer_Full_Mid_CH

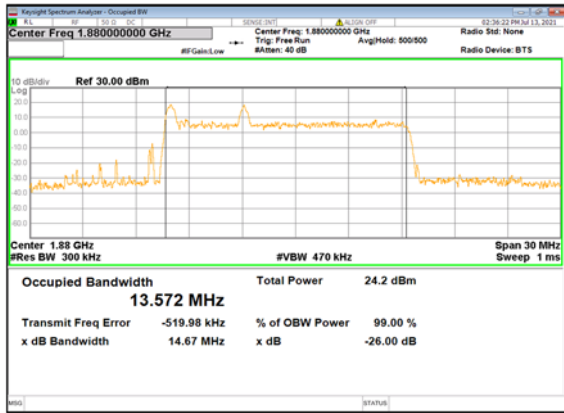


n2(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

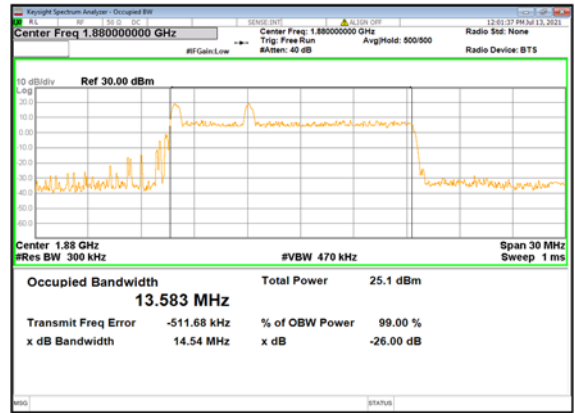




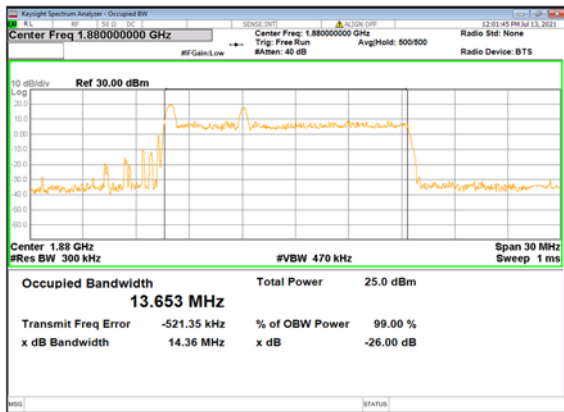
n2(15M)_DFT-s-OFDM_16QAM_Outer_Full_Mid_CH



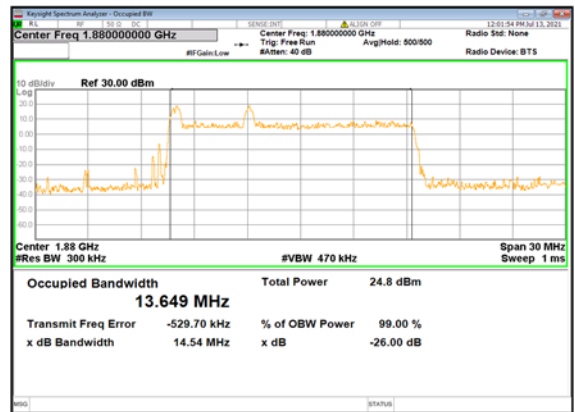
n2(15M)_DFT-s-OFDM_64QAM_Outer_Full_Mid_CH



n2(15M)_DFT-s-OFDM_256QAM_Outer_Full_Mid_CH

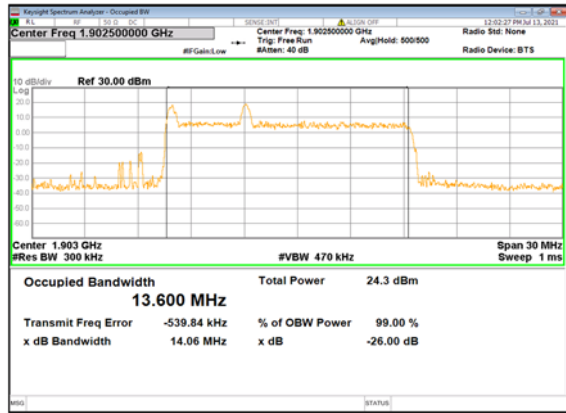


n2(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

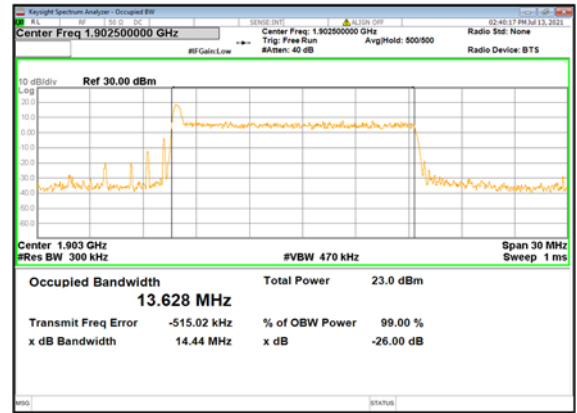




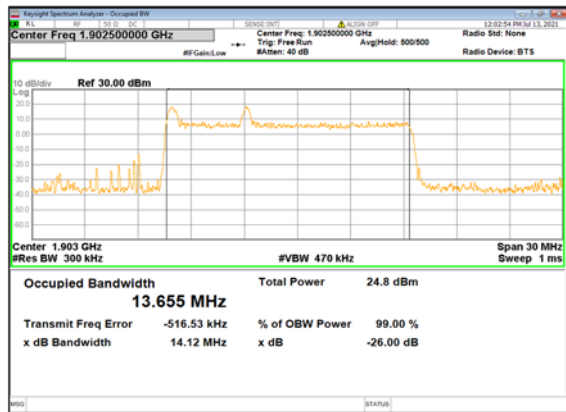
n2(15M)_DFT-s-OFDM_PI/2 BPSK_Outer_Full_High_CH



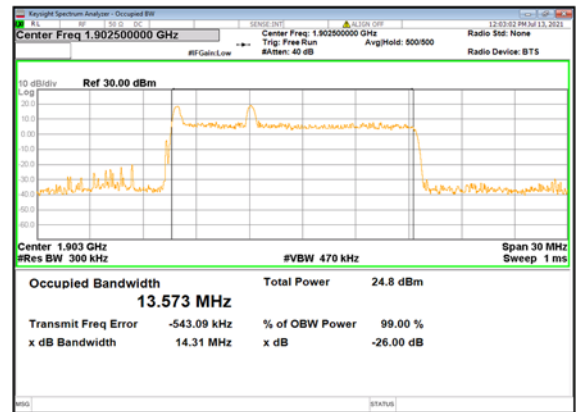
n2(15M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



n2(15M)_DFT-s-OFDM_16QAM_Outer_Full_High_CH

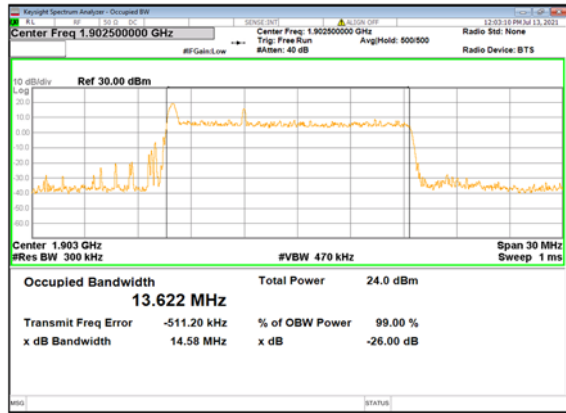


n2(15M)_DFT-s-OFDM_64QAM_Outer_Full_High_CH

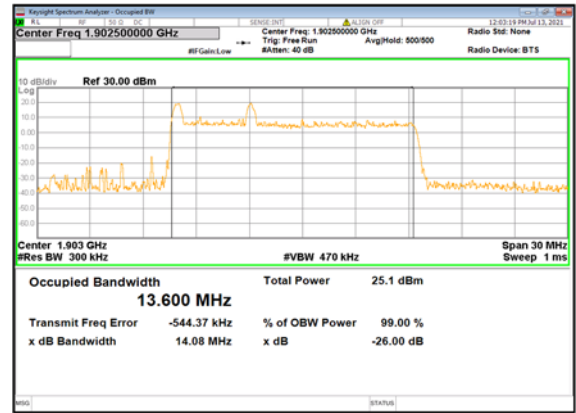




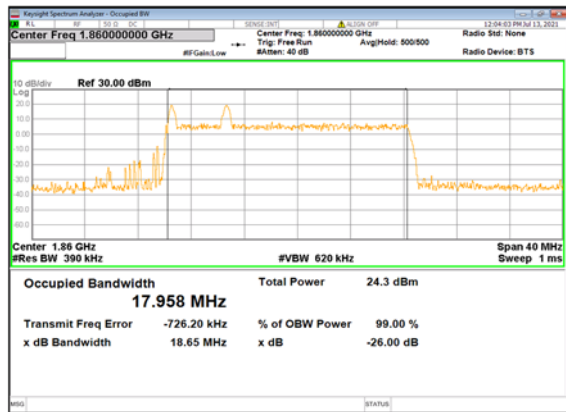
n2(15M)_DFT-s-OFDM_256QAM_Outer_Full_High_CH



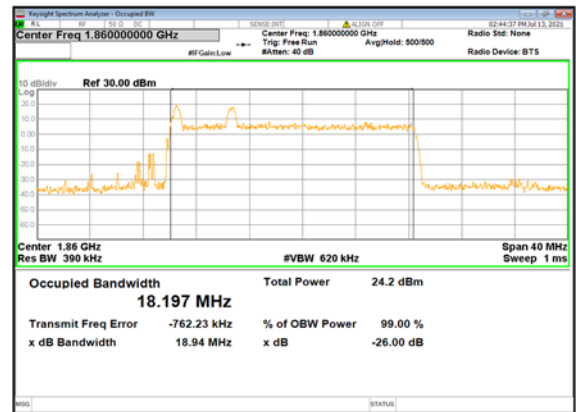
n2(15M)_CP-OFDM_QPSK_Outer_Full_High_CH



n2(20M)_DFT-s-OFDM_PI/2 BPSK_Outer_Full_Low_CH

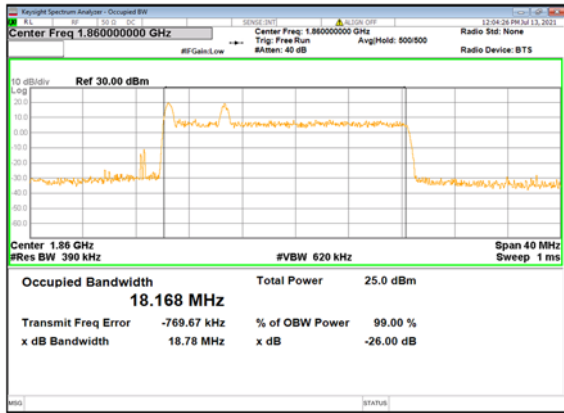


n2(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

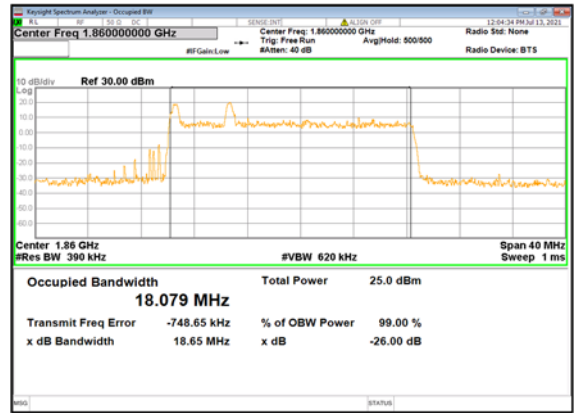




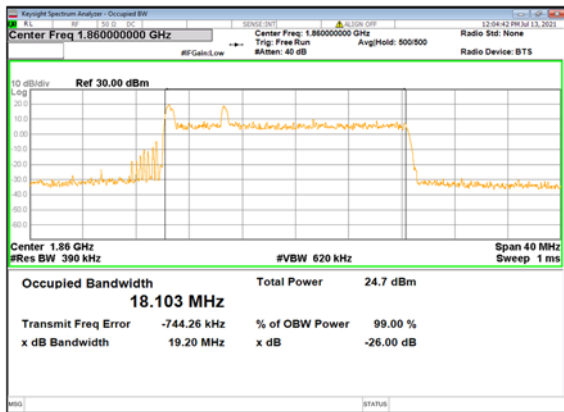
n2(20M)_DFT-s-OFDM_16QAM_Outer_Full_Low_CH



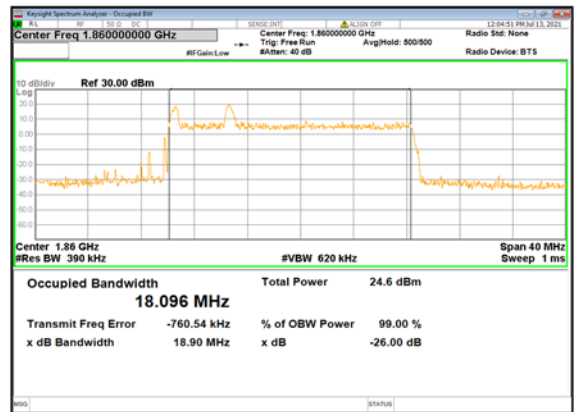
n2(20M)_DFT-s-OFDM_64QAM_Outer_Full_Low_CH



n2(20M)_DFT-s-OFDM_256QAM_Outer_Full_Low_CH

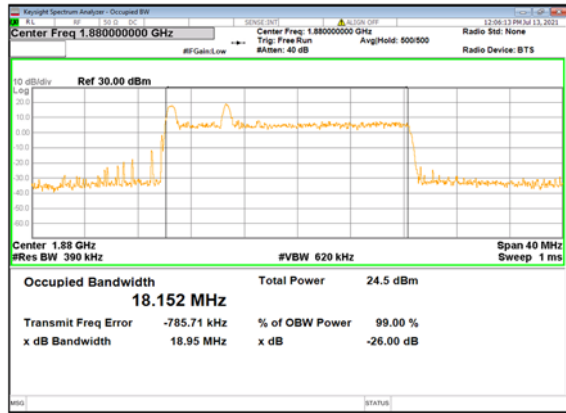


n2(20M)_CP-OFDM_QPSK_Outer_Full_Low_CH

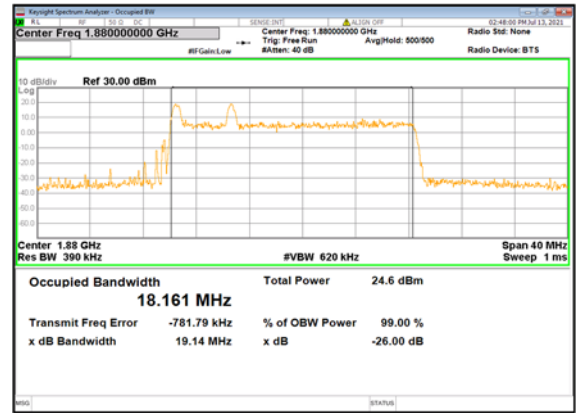




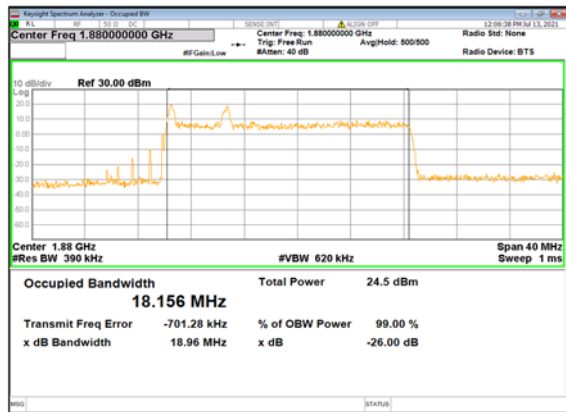
n2(20M)_DFT-s-OFDM_PI/2 BPSK_Outer_Full_Mid_CH



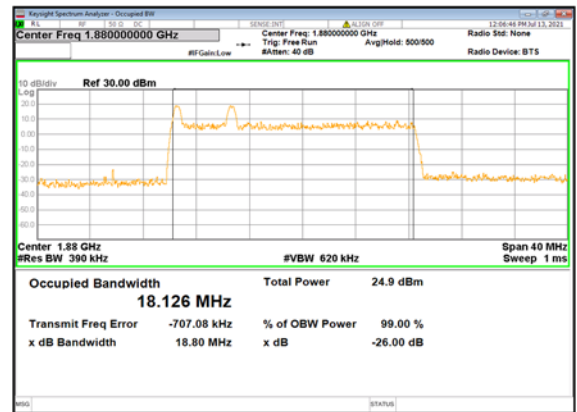
n2(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



n2(20M)_DFT-s-OFDM_16QAM_Outer_Full_Mid_CH

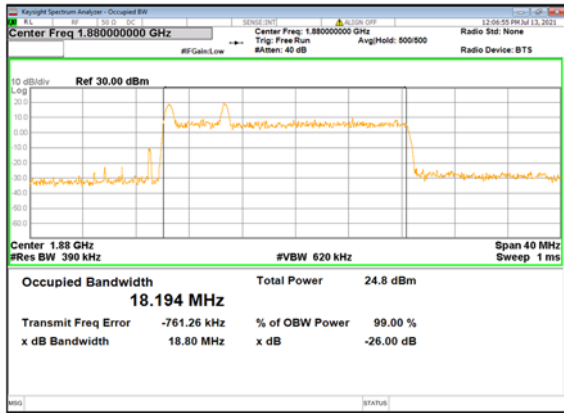


n2(20M)_DFT-s-OFDM_64QAM_Outer_Full_Mid_CH

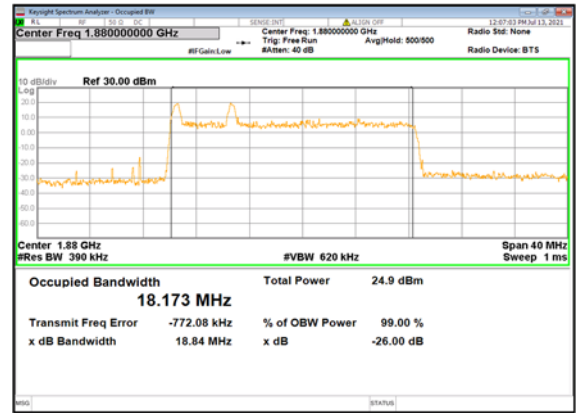




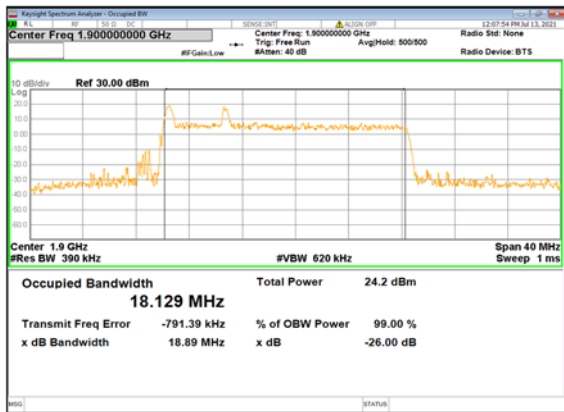
n2(20M)_DFT-s-OFDM_
256QAM_Outer_Full_Mid_CH



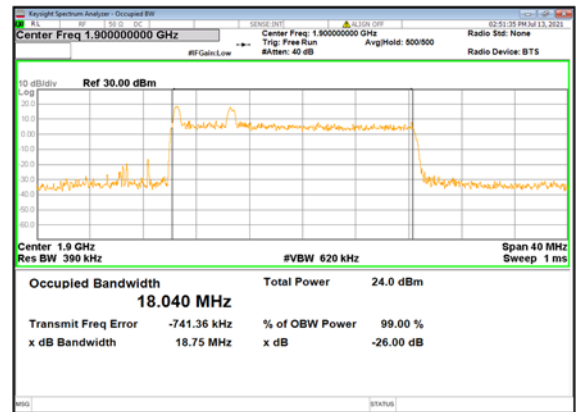
n2(20M)_CP-OFDM_
QPSK_Outer_Full_Mid_CH



n2(20M)_DFT-s-OFDM_PI/2 BPSK_Outer_
Full_High_CH

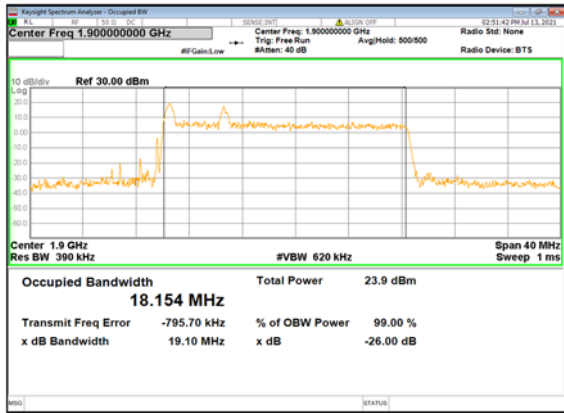


n2(20M)_DFT-s-OFDM_QPSK_Outer_
Full_High_CH

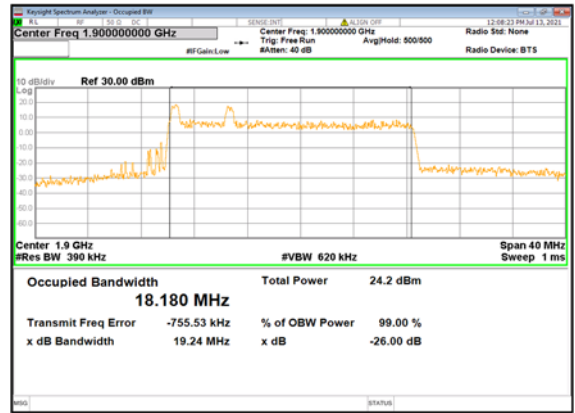




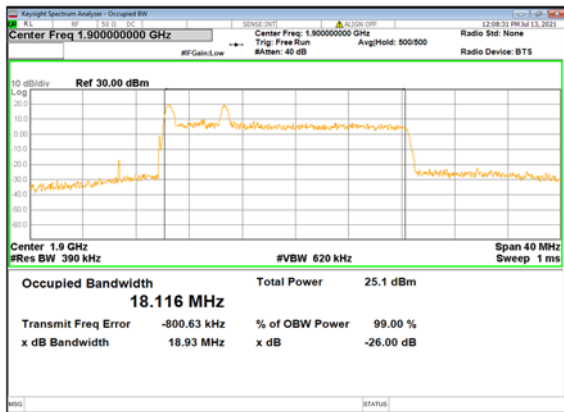
n2(20M)_DFT-s-OFDM_16QAM_Outer_Full_High_CH



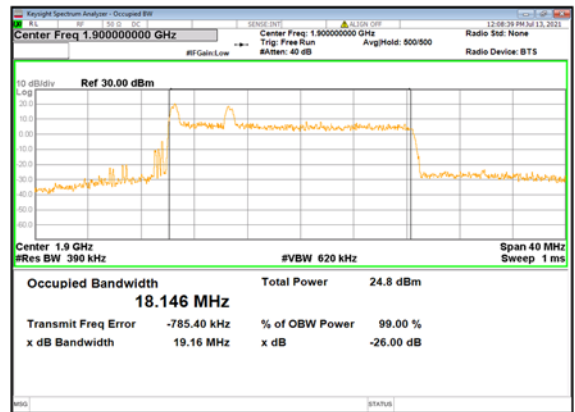
n2(20M)_DFT-s-OFDM_64QAM_Outer_Full_High_CH



n2(20M)_DFT-s-OFDM_256QAM_Outer_Full_High_CH

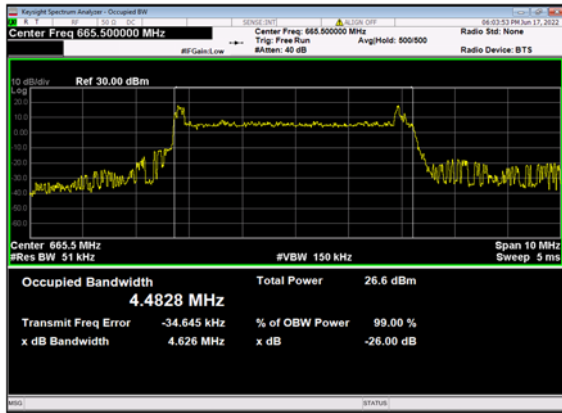


n2(20M)_CP-OFDM_QPSK_Outer_Full_High_CH

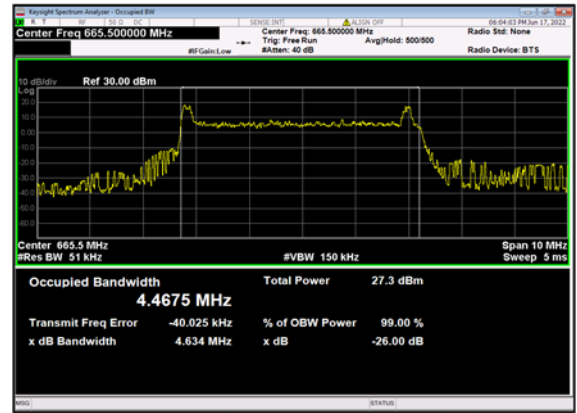




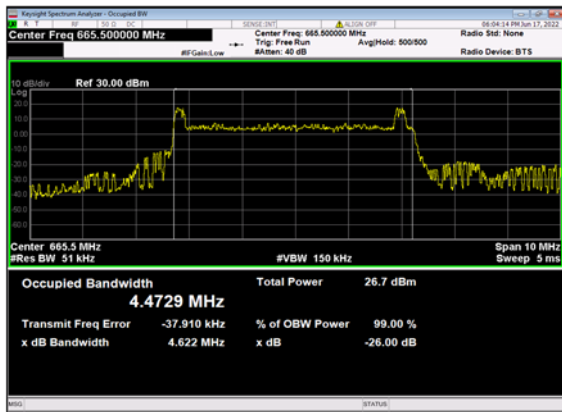
n71(5M)_DFT-s-OFDM_PI/2
BPSK_Outer_Full_Low_CH



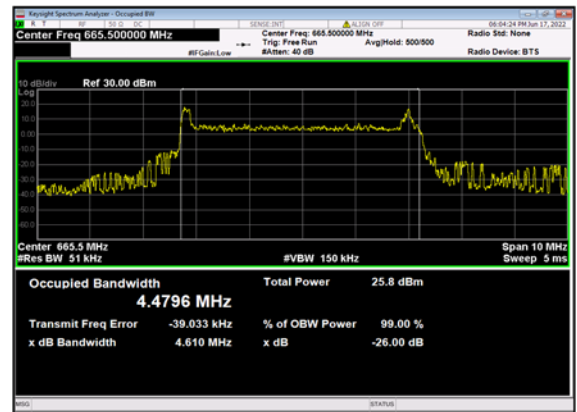
n71(5M)_DFT-s-OFDM_
QPSK_Outer_Full_Low_CH



n71(5M)_DFT-s-OFDM_
16QAM_Outer_Full_Low_CH

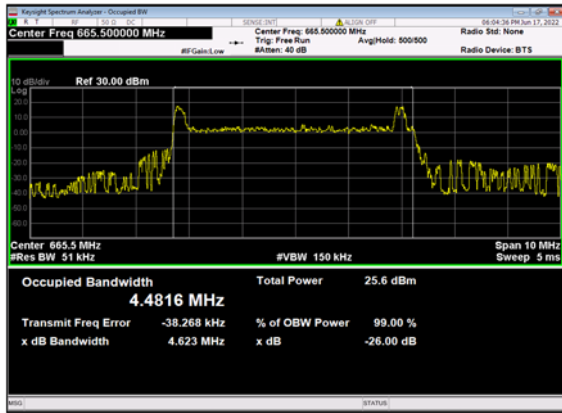


n71(5M)_DFT-s-OFDM_
64QAM_Outer_Full_Low_CH

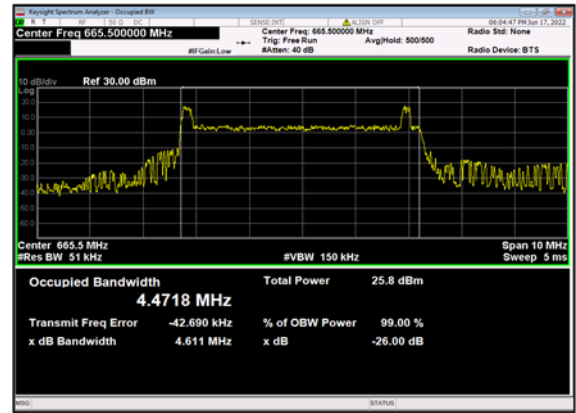




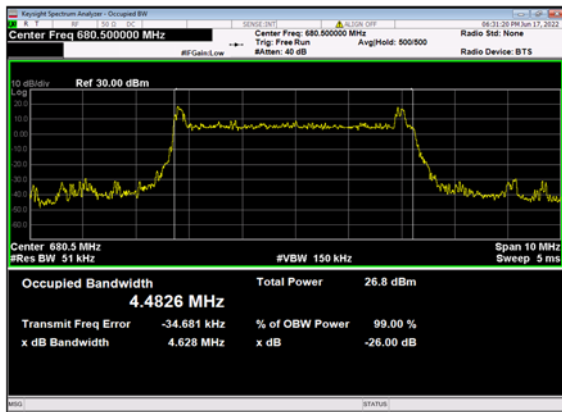
n71(5M)_DFT-s-OFDM_256
QAM_Outer_Full_Low_CH



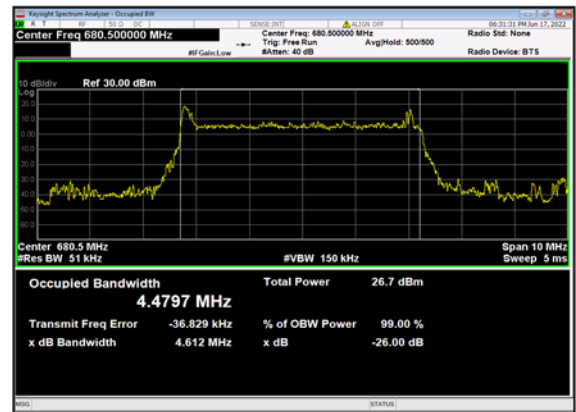
n71(5M)_CP-OFDM_
QPSK_Outer_Full_Low_CH



n71(5M)_DFT-s-OFDM_PI/2
BPSK_Outer_Full_Mid_CH

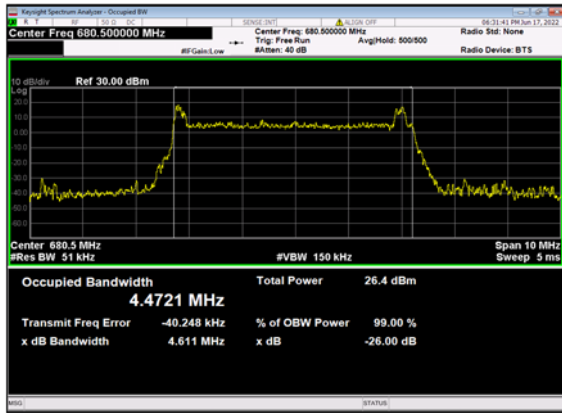


n71(5M)_DFT-s-OFDM_
QPSK_Outer_Full_Mid_CH

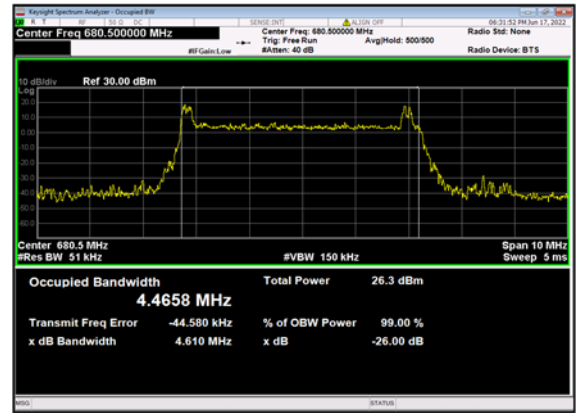




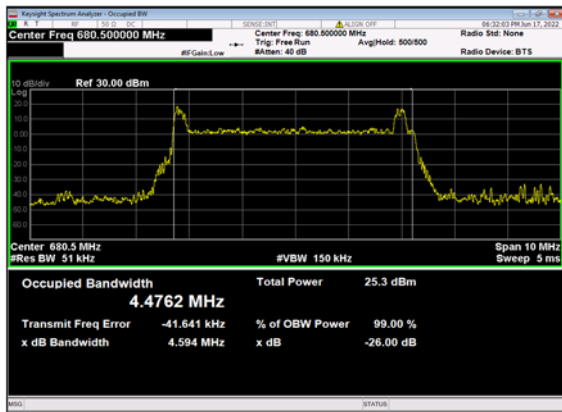
n71(5M)_DFT-s-OFDM_16
QAM_Outer_Full_Mid_CH



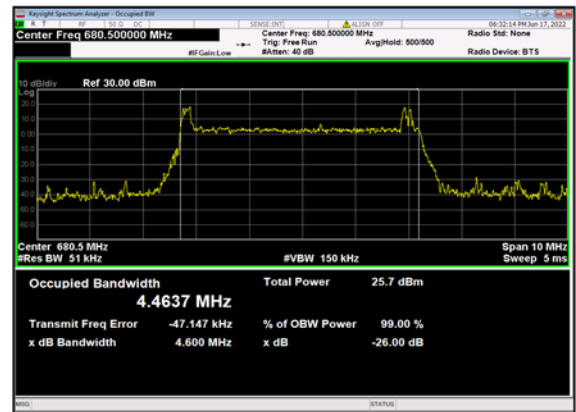
n71(5M)_DFT-s-OFDM_64
QAM_Outer_Full_Mid_CH



n71(5M)_DFT-s-OFDM_256
QAM_Outer_Full_Mid_CH

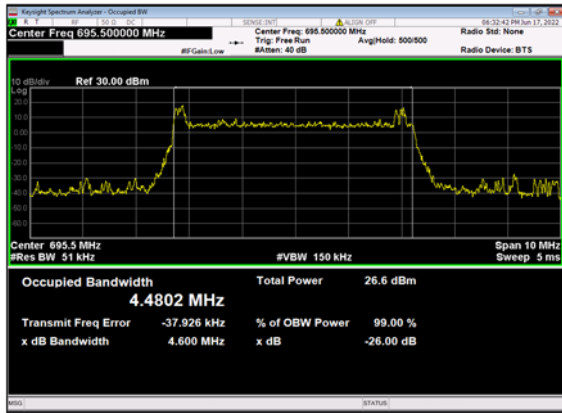


n71(5M)_CP-OFDM_
QPSK_Outer_Full_Mid_CH

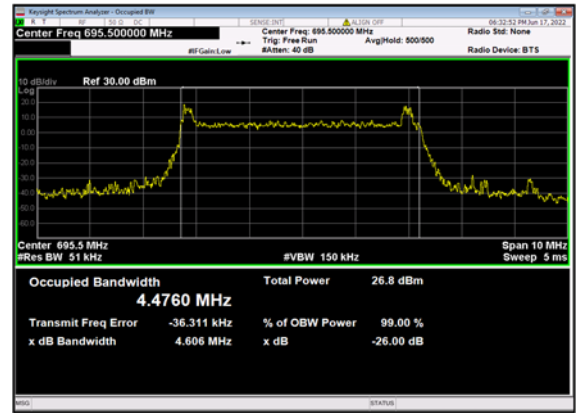




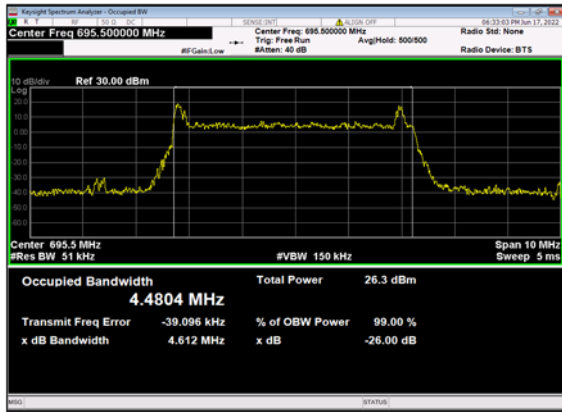
n71(5M)_DFT-s-OFDM_PI/2
BPSK_Outer_Full_High_CH



n71(5M)_DFT-s-OFDM_
QPSK_Outer_Full_High_CH



n71(5M)_DFT-s-OFDM_16
QAM_Outer_Full_High_CH



n71(5M)_DFT-s-OFDM_64
QAM_Outer_Full_High_CH

