TEST REPORT

APPLICANT	:	Reliance Communications LLC
PRODUCT NAME	:	Orbic Speed 5G
MODEL NAME	:	R500L5S6
BRAND NAME	:	Orbic
FCC ID	:	2ABGH-R500L5S6
STANDARD(S)	:	47 CFR Part 2 47 CFR Part 22, Subpart H 47 CFR Part 24, Subpart E 47 CFR Part 27
RECEIPT DATE	:	2021-03-09
TEST DATE	:	2021-03-31 to 2022-08-30
ISSUE DATE	:	2022-08-30

Edited by: Li Huaijie (Rapporteur)

Approved by: Shen Junsheng (Supervisor)

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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 ····· 13
1.5. Environmental Conditions ····· 16
2. 47 CFR Part 2, Part 22H, Part 24E and Part 27 Requirements ····· 17
2.1. Transmitter Conducted Output Power And ERP/EIRP ····· 17
2.2. Occupied Bandwidth ····· 73
2.3. Frequency Stability ····· 151
2.4. Peak to Average Ratio ····· 155
2.5. Conducted Spurious Emissions ····· 170
2.6. Band Edge ····· 200
2.7. Radiated Spurious Emissions ····· 232
Annex A Test Uncertainty ····· 343
Annex B Testing Laboratory Information ····· 344

Change History		
Version	Date	Reason for change
1.0	2022-08-30	First edition

1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Reliance Communications LLC
Applicant Address:	1560 Fifth Ave BayShore, NY 11706
Manufacturer:	Unimaxcomm
Manufacturer Address:	Room 602, Floor 6th, Building B, Software Park T3,Hi-Tech Park South, Nanshan District, Shenzhen, P.R. China

1.2. Equipment Under Test (EUT) Description

Product Name:	Orbic Speed 5G	
Hardware Version:	V1.2	
Software Version:	ORB500L5S6_V1.0.6_BVT-NA	
IMEI:	352241200010280 352241200010340	
Modulation Type:	DFT-s-OFDM	PI/2 BPSK, QPSK, 16QAM,64QAM,256QAM
	CP-OFDM	QPSK, 16QAM,64QAM,256QAM
EN-DC Band:	DC_13A_n2, DC_12A_n2, DC_66A_n2, DC_2A_n5, DC_48A_n5, DC_66A_n5, DC_2A_n41, DC_66A_n41, DC_2A_n66, DC_12A_n66, DC_13A_n66, DC_48A_n66, DC_2A_n71, DC_66A_n71, DC_2A_n77, DC_5A_n77, DC_13A_n77, DC_66A_n77, DC_2A_n78, DC_66A_n78	
Frequency Range:	n2	Tx: 1850MHz-1910MHz
		Rx: 1930MHz-1990MHz
	n5	Tx: 824MHz-849MHz
		Rx: 869MHz-894MHz
	n41	Tx: 2496MHz-2690MHz
		Rx: 2496MHz-2690MHz
	n66	Tx: 1710MHz-1780MHz
		Rx: 2110MHz-2200MHz
	n71	Tx: 663MHz-698MHz
		Rx: 617MHz-652MHz
	n77	Tx1: 3450MHz-3550MHz
		Rx1: 3450MHz-3550MHz

		Tx2: 3700MHz-3980MHz
		Rx2: 3700MHz-3980MHz
	n78	Tx1: 3450MHz-3550MHz
		Rx1: 3450MHz-3550MHz
		Tx2: 3700MHz-3800MHz
		Rx2: 3700MHz-3800MHz
Channel Bandwidth	n2	5MHz, 10MHz, 15MHz, 20MHz
	n5	5MHz, 10MHz, 15MHz, 20MHz
	n41	20MHz, 40MHz, 60MHz, 100MHz
	n66	5MHz, 10MHz, 15MHz, 20MHz
	n71	5MHz, 10MHz, 15MHz, 20MHz
	n77	100MHz
	n78	20M,40M,50M,60M,80M,90M,100MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	n2	3.80dBi
	n5	-0.10dBi
	n41	2.23 dBi
	n66	3.68dBi
	n71	-3.92 dBi
	n77	3.15 dBi
	n78	3.15 dBi
Accessory Information:	**AC Adapter**	
	Brand Name:	Orbic
	Model No.:	TPA-23A050200UU01
	Serial No.:	N/A
	Rated Input:	100-240V~0.3A, 50/60Hz
	Rated Output:	5.0V/2.0A
	Manufacturer	Dongguan summer electronics Co., LTD
	Battery	
	Brand Name:	Orbic
	Model No.:	BTE-4401
	Serial No.:	N/A
	Capacity:	4400mAh
	Rated Voltage:	3.80V
	Charge Limit:	4.35V
	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.

Note 2: This test report is variant from the original report (Report No.: SZ22050178W07, Model: R500L5S6) based on the similarity between before, only Changed the Applicant Address, enble LTE B17 by software. However, there is no other evaluation for LTE B17 due to the band is completely covered by LTE B12 and its power level setting also same as LTE B12.other are the same as before. We evaluated the above changes, which had no impact on the test results. The test results in this report still refer to the test results of the original test report.

1.3. Maximum ERP/EIRP and Emission Designator

DC_66A_n2	Maximum ERP/EIRP（W）					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.121	0.127	0.092	0.073	0.045	0.079
15	0.118	/	/	/	/	/
10	0.115	/	/	/	/	/
5	0.115	/	/	/	/	/

DC_12A_n2	Maximum ERP/EIRP（W）					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.126	0.127	0.102	0.074	0.043	0.085
15	0.124	/	/	/	/	/
10	0.125	/	/	/	/	/
5	0.125	/	/	/	/	/

DC_13A_n2	Maximum ERP/EIRP（W）					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.113	0.115	0.087	0.079	0.049	0.063
15	0.105	/	/	/	/	/
10	0.106	/	/	/	/	/
5	0.107	/	/	/	/	/

DC_2A_n5	Maximum ERP/EIRP（W）					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.118	0.118	0.102	0.069	0.042	0.114
15	0.116	/	/	/	/	/
10	0.113	/	/	/	/	/
5	0.087	/	/	/	/	/

DC_66A_n5	Maximum ERP/EIRP（W）					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.120	0.124	0.102	0.070	0.042	0.116
15	0.115	/	/	/	/	/
10	0.108	/	/	/	/	/
5	0.088	/	/	/	/	/

DC_2A_n66	Maximum ERP/EIRP（W）					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.497	0.508	0.436	0.282	0.174	0.471
15	0.472	/	/	/	/	/
10	0.473	/	/	/	/	/
5	0.364	/	/	/	/	/

DC_12A_n66	Maximum ERP/EIRP（W）					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.527	0.532	0.435	0.301	0.178	0.395
15	0.527	/	/	/	/	/
10	0.513	/	/	/	/	/
5	0.526	/	/	/	/	/

DC_13A_n66	Maximum ERP/EIRP（W）					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.535	0.536	0.421	0.286	0.181	0.421
15	0.429	/	/	/	/	/
10	0.438	/	/	/	/	/
5	0.294	/	/	/	/	/

DC_48A_n66	Maximum ERP/EIRP（W）					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.520	0.521	0.429	0.292	0.177	0.404
15	0.515	/	/	/	/	/
10	0.520	/	/	/	/	/
5	0.514	/	/	/	/	/

DC_2A_n71	Maximum ERP/EIRP（W）					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.055	0.055	0.051	0.036	0.037	0.048
15	0.045	/	/	/	/	/
10	0.049	/	/	/	/	/
5	0.047	/	/	/	/	/

DC_66A_n71	Maximum ERP/EIRP（W）					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.056	0.056	0.045	0.034	0.022	0.044
15	0.052	/	/	/	/	/
10	0.053	/	/	/	/	/
5	0.052	/	/	/	/	/

DC_2A_n41	Maximum ERP/EIRP（W）					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.088	0.088	0.074	0.052	0.033	0.067
60	0.078	/	/	/	/	/
40	0.086	/	/	/	/	/
20	0.084	/	/	/	/	/

DC_66A_n41	Maximum ERP/EIRP（W）					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.090	0.091	0.078	0.052	0.033	0.066
60	0.078	/	/	/	/	/
40	0.085	/	/	/	/	/
20	0.087	/	/	/	/	/

DC_2A_N77 (3700MHz-3980MHz)	Maximum ERP/EIRP（W）					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.092	0.095	0.074	0.052	0.034	0.071

DC_5A_N77 (3700MHz-3980MHz)	Maximum ERP/EIRP（W）					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.075	0.080	0.064	0.045	0.030	0.061

DC_13A_N77 (3700MHz-3980MHz)	Maximum ERP/EIRP（W）					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.079	0.079	0.067	0.044	0.030	0.060

DC_66A_N77 (3700MHz-3980MHz)	Maximum ERP/EIRP（W）					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.075	0.081	0.068	0.043	0.029	0.061

DC_2A_N77 (3450MHz-3550MHz)	Maximum ERP/EIRP（W）					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.090	0.093	0.069	0.047	0.030	0.059

DC_5A_N77 (3450MHz-3550MHz)	Maximum ERP/EIRP（W）					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.090	0.090	0.066	0.047	0.048	0.060

DC_13A_N77 (3450MHz-3550MHz)	Maximum ERP/EIRP（W）					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.091	0.092	0.065	0.046	0.029	0.060

DC_66A_N77 (3450MHz-3550MHz)	Maximum ERP/EIRP（W）					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.090	0.090	0.065	0.047	0.029	0.059

DC_66A_n2	Emission Designator (99%OBW)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	18M0G7D	18M1G7D	18M2W7D	18M1D7W	18M2D7W	19M3G7D
15	13M7G7D	13M6G7D	13M6W7D	13M4D7W	13M7D7W	14M3G7D
10	9M08G7D	9M11G7D	9M10W7D	9M11D7W	9M07D7W	9M27G7D
5	4M52G7D	4M54G7D	4M51W7D	4M51D7W	4M52D7W	4M54G7D

DC_66A_n5	Emission Designator (99%OBW)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	18M1G7D	18M1G7D	18M2W7D	18M1D7W	18M2D7W	19M3G7D
15	13M6G7D	13M7G7D	13M6W7D	13M6D7W	13M6D7W	14M3G7D
10	9M05G7D	9M09G7D	9M10W7D	9M09D7W	9M05D7W	9M34G7D
5	4M56G7D	4M53G7D	4M52W7D	4M53D7W	4M52D7W	4M53G7D

DC_13A_n66	Emission Designator (99%OBW)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	18M0G7D	18M1G7D	18M2W7D	18M1D7W	18M2D7W	19M3G7D
15	13M7G7D	13M6G7D	13M6W7D	13M4D7W	13M7D7W	14M3G7D
10	9M08G7D	9M11G7D	9M10W7D	9M11D7W	9M07D7W	9M27G7D
5	4M52G7D	4M54G7D	4M51W7D	4M51D7W	4M52D7W	4M54G7D

DC_66A_n41	Emission Designator (99%OBW)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	97M05G7D	96M93G7D	96M98W7D	96M95D7W	97M01D7W	97M99G7D
60	58M36G7D	58M42G7D	58M38W7D	58M25D7W	58M25D7W	57M35G7D
40	36M03G7D	35M98G7D	35M93W7D	36M12D7W	36M02D7W	38M18G7D
20	17M95G7D	17M96G7D	17M96W7D	17M96D7W	17M97D7W	18M38G7D

DC_66A_n71	Emission Designator (99%OBW)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	18M0G7D	18M1G7D	18M2W7D	18M1D7W	18M2D7W	19M3G7D
15	13M7G7D	13M6G7D	13M6W7D	13M4D7W	13M7D7W	14M3G7D
10	8M95G7D	8M96G7D	8M96W7D	8M99D7W	8M97D7W	9M34G7D
5	4M50G7D	4M49G7D	4M49W7D	4M49D7W	4M50D7W	4M48G7D

DC_2A_n77 (3700MHz-3980MHz)	Emission Designator (99%OBW)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	98M4G7D	97M8G7D	97M8W7D	98M5D7W	97M8D7W	98M9G7D

DC_2A_n77 (3450MHz-3550MHz)	Emission Designator (99%OBW)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	97M1G7D	96M4G7D	97M3W7D	96M5D7W	96M5D7W	98M0G7D

1.4. Test Standards and Results

The objective of the report is to perform testing according to Part 2, Part 22,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 22	Public Mobile Services
3	47 CFR Part 24	Personal Communications Services
4	47 CFR Part 27	Miscellaneous Wireless Communications Services

Test detailed items/section required by FCC rules and results are as below:

Section	Description	Test Date	Test Engineer	Result	Method Determination /Remark
2.1046, 22.913(a)(5) 24.232(c) 27.50(d)(4) 27.50(h)(2) 27.50(c)(10) 27.50(j)(3)	Transmitter Conducted Output Power and ERP/EIRP	Mar 31, 2021 to Aug 30, 2022	Chen Haiju Yang Jie Li Huaijie	PASS	No deviation
2.1049	Occupied Bandwidth	May 16, 2021 to Aug 30, 2022	Chen Haiju Li Huaijie	PASS	No deviation
2.1055 22.355	Frequency Stability	May 29, 2021 to Aug 30, 2022	Chen Haiju Li Huaijie	PASS	No deviation
24.232(d) 27.50(d)(3) 27.50(j)(4)	Peak to Average Radio	Jun 8, 2021 to Aug 30, 2022	Chen Haiju Li Huaijie	PASS	No deviation
2.1051, 22.917(a) 24.238(a) 27.53(m) (4) 27.53(l) (2)	Conducted Spurious Emissions	May 02, 2021 to Aug 30, 2022	Chen Haiju Li Huaijie	PASS	No deviation
2.1051, 22.917(a) 24.238(a) 27.53(m) (4) 27.53(l) (2)	Band Edge	May 02, 2021 to Aug 30, 2022	Chen Haiju Li Huaijie	PASS	No deviation
2.1051, 22.917(a) 24.238(a) 27.53(m) (4) 27.53(l) (2)	Radiated Spurious Emissions	Jun 04, 2021 to Jul 21, 2022	Yang Jie 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 5.5dB contains two parts that cable loss 5.5dB.

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.

Note 4: There is no test for n78 due to the band is completely covered by n77 and its power level setting also same as n78.

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 Part 27 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 22.913 (a)(5) for n5, the ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC section 27.50 (h)(2) for n41, mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power.

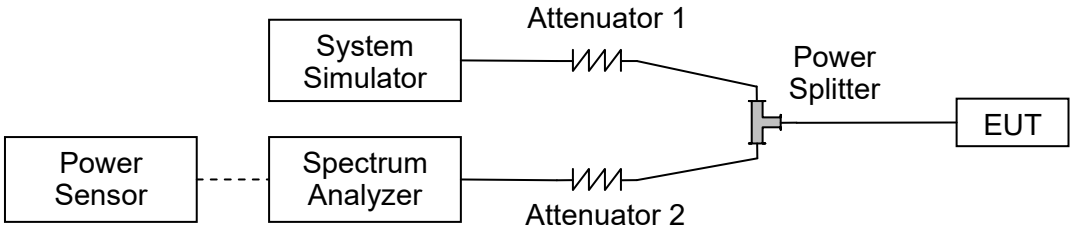
According to FCC section 27.50 (d)(4) for n66, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.

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.

According to FCC section 27.50 (i)(3) for n78, mobile and portable stations are limited to 1 Watt EIRP.

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 (dBm) = Conducted Output Power (dBm) + Antenna Gain (dBi)

ERP (dBm) = EIPR (dBm) - 2.15

2.1.4. Conducted Output Power:

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	19.41	19.34	19.29
20		1	53	19.49	19.43	19.35
20		1	104	19.31	19.51	19.29
20		50	1	19.09	19.07	19.28
20		50	25	19.51	19.30	19.44
20		50	50	19.37	19.22	19.33
20		100	0	19.33	19.06	19.18
20	DFT-s-OFDM QPSK	1	1	19.48	19.75	19.60
20		1	53	19.39	19.33	19.39
20		1	104	19.27	19.46	19.43
20		50	1	19.45	19.48	19.02
20		50	25	19.47	19.46	19.47
20		50	50	19.34	19.18	19.21
20		100	0	18.81	18.97	18.90
20	DFT-s-OFDM 16QAM	1	1	18.35	18.05	17.94
20	DFT-s-OFDM 64QAM	1	1	17.07	17.33	17.13
20	DFT-s-OFDM 256QAM	1	1	14.77	15.25	15.19
Channel				371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5
15	DFT-s-OFDM PI/2 BPSK	1	1	19.43	19.27	19.00
Channel				371000	376000	381000
Frequency (MHz)				1855	1880	1905
10	DFT-s-OFDM PI/2 BPSK	1	1	19.29	19.12	19.15
Channel				370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5
5	DFT-s-OFDM PI/2 BPSK	1	1	19.30	19.19	19.11

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle	High
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1900
20	CP-OFDM QPSK	1	1	17.65	17.21	17.46
20	CP-OFDM 16QAM	1	1	17.62	17.34	17.17
20	CP-OFDM 64QAM	1	1	15.82	15.71	15.68
20	CP-OFDM 256QAM	1	1	13.18	13.07	13.40

DC_12A_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	19.46	19.28	19.54
20		1	53	19.43	19.22	19.56
20		1	104	19.38	19.47	19.60
20		50	1	18.88	18.75	19.18
20		50	25	19.40	19.45	19.72
20		50	50	18.97	18.94	19.36
20		100	0	18.90	18.89	19.23
20	DFT-s-OFDM QPSK	1	1	19.37	19.73	19.44
20		1	53	19.45	19.32	19.71
20		1	104	19.35	19.48	19.71
20		50	1	18.38	18.32	18.60
20		50	25	19.41	19.29	19.72
20		50	50	18.45	18.41	18.84
20		100	0	18.43	18.37	18.72
20	DFT-s-OFDM 16QAM	1	1	17.45	18.22	18.80
20	DFT-s-OFDM 64QAM	1	1	16.82	16.82	17.42
20	DFT-s-OFDM	1	1	14.85	15.03	15.02

	256QAM					
Channel				371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5
15	DFT-s-OFDM PI/2 BPSK	1	1	19.43	19.30	19.62
Channel				371000	376000	381000
Frequency (MHz)				1855	1880	1905
10	DFT-s-OFDM PI/2 BPSK	1	1	19.49	19.31	19.67
Channel				370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5
5	DFT-s-OFDM PI/2 BPSK	1	1	19.50	19.21	19.66
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1900
20	CP-OFDM QPSK	1	1	17.88	17.72	18.01
20	CP-OFDM 16QAM	1	1	17.52	17.63	17.50
20	CP-OFDM 64QAM	1	1	15.94	15.89	15.93
20	CP-OFDM 256QAM	1	1	13.02	13.00	13.24

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	18.92	18.31	17.75
20		1	53	19.24	19.15	18.09
20		1	104	18.27	17.95	17.76
20		50	1	18.92	19.05	18.87
20		50	25	19.08	18.96	18.79
20		50	50	19.15	18.15	18.44
20		100	0	19.03	18.95	18.87
20	DFT-s-OFDM QPSK	1	1	19.02	19.29	18.56
20		1	53	19.14	19.19	19.17
20		1	104	19.26	17.96	18.35
20		50	1	17.83	19.27	18.85
20		50	25	18.82	19.18	18.85
20		50	50	19.02	18.20	18.57
20		100	0	18.76	18.81	18.84
20	DFT-s-OFDM 16QAM	1	1	17.59	18.09	18.07
20	DFT-s-OFDM 64QAM	1	1	17.30	17.60	17.66
20	DFT-s-OFDM 256QAM	1	1	15.58	15.13	14.95
Channel				371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5
15	DFT-s-OFDM PI/2 BPSK	1	1	18.46	18.92	17.48
Channel				371000	376000	381000
Frequency (MHz)				1855	1880	1905
10	DFT-s-OFDM PI/2 BPSK	1	1	18.27	18.95	17.64
Channel				370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5
5	DFT-s-OFDM PI/2 BPSK	1	1	18.39	18.98	18.32

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1900
20	CP-OFDM QPSK	1	1	16.71	16.59	16.20
20	CP-OFDM 16QAM	1	1	16.19	16.14	15.75
20	CP-OFDM 64QAM	1	1	15.29	14.98	14.73
20	CP-OFDM 256QAM	1	1	13.53	12.83	12.78

DC_2A_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	22.95	22.97	22.95
20		1	53	22.89	22.76	22.53
20		1	104	22.55	22.51	22.56
20		50	1	22.53	22.57	22.55
20		50	25	22.63	22.66	22.61
20		50	50	22.26	22.25	22.33
20		100	0	22.33	22.33	22.23
20	DFT-s-OFDM QPSK	1	1	22.98	22.97	22.87
20		1	53	22.81	22.77	22.55
20		1	104	22.59	22.53	22.53
20		50	1	22.15	22.39	22.31
20		50	25	22.64	22.60	22.53
20		50	50	22.33	22.54	22.30
20		100	0	21.91	21.88	21.76
20	DFT-s-OFDM 16QAM	1	1	22.33	22.20	22.31
20	DFT-s-OFDM 64QAM	1	1	20.46	20.61	20.57
20	DFT-s-OFDM 256QAM	1	1	18.47	18.47	18.41
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.64	22.64	22.83
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	22.89	22.88	22.53
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.67	22.79	22.38

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 QPSK	1	1	21.60	21.66	21.57
20	CP-OFDM 16QAM	1	1	21.46	21.44	21.37
20	CP-OFDM 64QAM	1	1	19.58	19.61	19.57
20	CP-OFDM 256QAM	1	1	16.46	16.46	16.49

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	22.98	23.03	23.01
20		1	53	22.89	22.77	22.59
20		1	104	22.61	22.72	22.56
20		50	1	22.69	22.66	22.82
20		50	25	22.83	23.01	22.91
20		50	50	22.60	22.63	22.67
20		100	0	22.47	22.39	22.30
20	DFT-s-OFDM QPSK	1	1	22.83	23.20	22.94
20		1	53	22.87	22.73	22.70
20		1	104	22.72	22.81	22.73
20		50	1	22.30	22.64	22.54
20		50	25	22.67	22.70	22.68
20		50	50	22.64	22.72	22.50
20		100	0	22.06	21.94	21.87
20	DFT-s-OFDM 16QAM	1	1	22.30	22.34	22.25
20	DFT-s-OFDM 64QAM	1	1	20.66	20.68	20.60
20	DFT-s-OFDM	1	1	18.39	18.52	18.43

	256QAM					
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.78	22.80	22.91
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	22.87	22.84	22.54
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.23	22.58	22.32
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 QPSK	1	1	21.56	21.70	21.64
20	CP-OFDM 16QAM	1	1	21.46	21.47	21.53
20	CP-OFDM 64QAM	1	1	19.56	19.63	19.53
20	CP-OFDM 256QAM	1	1	16.49	16.54	16.48

DC_2A_n41

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				509202	518598	528000
Frequency (MHz)				2546	2593	2640
100	DFT-s-OFDM PI/2 BPSK	1	1	17.02	17.03	17.16
100		1	136	16.96	17.11	17.09
100		1	272	16.89	16.67	16.54
100		135	1	16.68	16.78	16.53
100		135	67	17.14	17.21	17.18
100		135	136	16.74	16.86	16.69
100		270	0	16.56	16.86	16.77
100	DFT-s-OFDM QPSK	1	1	17.09	17.22	17.07
100		1	136	17.00	17.17	17.15
100		1	272	16.44	16.25	16.14
100		135	1	16.36	16.32	16.30
100		135	67	17.17	17.16	17.11
100		135	136	16.26	16.26	16.17
100		270	0	16.36	16.39	16.21
100	DFT-s-OFDM 16QAM	1	1	15.44	16.46	16.37
100	DFT-s-OFDM 64QAM	1	1	14.84	14.93	14.94
100	DFT-s-OFDM 256QAM	1	1	12.76	12.68	12.91
Channel				505200	518598	531996
Frequency (MHz)				2526	2593	2660
60	DFT-s-OFDM PI/2 BPSK	1	1	16.54	16.62	16.67
Channel				503202	518598	534000
Frequency (MHz)				2516	2593	2670
40	DFT-s-OFDM PI/2 BPSK	1	1	17.05	17.13	17.08
Channel				501204	518598	535998
Frequency (MHz)				2506	2593	2680
20	DFT-s-OFDM PI/2 BPSK	1	1	16.87	16.99	16.85

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				509202	518598	528000
Frequency (MHz)				2546	2593	2640
100	CP-OFDM QPSK	1	1	15.85	16.01	16.06
100	CP-OFDM 16QAM	1	1	15.29	15.46	15.53
100	CP-OFDM 64QAM	1	1	13.86	13.84	14.14
100	CP-OFDM 256QAM	1	1	11.14	11.23	10.74

DC_66A_n41

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				509202	518598	528000
Frequency (MHz)				2546	2593	2640
100	DFT-s-OFDM PI/2 BPSK	1	1	17.29	17.12	17.22
100		1	136	16.97	17.19	17.12
100		1	272	16.82	16.64	16.55
100		135	1	16.51	16.48	16.50
100		135	67	17.01	17.22	17.13
100		135	136	16.55	16.72	16.65
100		270	0	16.42	16.68	16.77
100	DFT-s-OFDM QPSK	1	1	17.10	17.34	17.33
100		1	136	16.96	17.25	17.12
100		1	272	16.38	16.23	15.96
100		135	1	16.31	16.33	16.31
100		135	67	17.10	17.15	17.04
100		135	136	16.31	16.29	16.16
100		270	0	16.23	16.29	16.20
100	DFT-s-OFDM 16QAM	1	1	16.67	16.09	15.27
100	DFT-s-OFDM 64QAM	1	1	14.96	14.57	14.81
100	DFT-s-OFDM	1	1	12.93	12.82	12.97

	256QAM					
Channel				505200	518598	531996
Frequency (MHz)				2526	2593	2660
60	DFT-s-OFDM PI/2 BPSK	1	1	16.61	16.70	16.58
Channel				503202	518598	534000
Frequency (MHz)				2516	2593	2670
40	DFT-s-OFDM PI/2 BPSK	1	1	16.87	17.08	16.97
Channel				501204	518598	535998
Frequency (MHz)				2506	2593	2680
20	DFT-s-OFDM PI/2 BPSK	1	1	17.10	17.14	17.17
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				509202	518598	528000
Frequency (MHz)				2546	2593	2640
100	CP-OFDM QPSK	1	1	15.73	15.90	15.99
100	CP-OFDM 16QAM	1	1	15.30	15.38	15.57
100	CP-OFDM 64QAM	1	1	13.76	14.08	14.22
100	CP-OFDM 256QAM	1	1	10.71	10.78	11.03

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	22.94	23.03	23.25
20		1	39	22.83	23.02	22.97
20		1	77	23.28	23.22	23.10
20		36	1	22.68	22.71	22.73
20		36	18	22.79	23.02	22.90
20		36	36	22.99	22.98	22.82
20		75	0	22.66	22.75	22.52
20	DFT-s-OFDM QPSK	1	1	23.02	23.38	23.08
20		1	39	23.00	22.91	22.95
20		1	77	23.27	23.03	22.90
20		36	1	23.10	23.15	23.01
20		36	18	23.17	22.97	22.87
20		36	36	23.05	23.11	22.80
20		75	0	22.17	22.19	22.14
20	DFT-s-OFDM 16QAM	1	1	22.41	22.35	22.71
20	DFT-s-OFDM 64QAM	1	1	20.51	20.55	20.83
20	DFT-s-OFDM 256QAM	1	1	18.44	18.52	18.73
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	23.05	22.84	23.01
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	23.06	22.92	22.87
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	23.01	22.78	23.07

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1710	1745	1780
20	CP-OFDM QPSK	1	1	21.71	21.76	21.93
20	CP-OFDM 16QAM	1	1	21.54	21.60	21.66
20	CP-OFDM 64QAM	1	1	19.65	19.71	19.81
20	CP-OFDM 256QAM	1	1	16.58	16.56	16.79

DC_12A_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	22.66	23.02	23.51
20		1	39	22.62	23.26	22.53
20		1	77	22.80	23.42	23.50
20		36	1	22.19	22.65	23.20
20		36	18	22.58	23.37	23.54
20		36	36	22.25	22.95	23.25
20		75	0	22.13	22.94	23.22
20	DFT-s-OFDM QPSK	1	1	22.70	23.58	23.48
20		1	39	22.55	23.33	23.54
20		1	77	22.82	23.56	23.55
20		36	1	21.68	22.23	22.71
20		36	18	22.65	22.38	23.10
20		36	36	21.75	22.41	22.83
20		75	0	21.63	22.39	22.74
20	DFT-s-OFDM 16QAM	1	1	21.55	22.17	22.70
20	DFT-s-OFDM 64QAM	1	1	20.30	21.09	21.10

20	DFT-s-OFDM 256QAM	1	1	18.40	18.64	18.83
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.62	23.24	23.54
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	22.65	23.15	23.42
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.59	23.21	23.53
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1710	1745	1780
20	CP-OFDM QPSK	1	1	21.20	21.70	22.29
20	CP-OFDM 16QAM	1	1	21.11	21.05	21.63
20	CP-OFDM 64QAM	1	1	19.26	19.62	20.01
20	CP-OFDM 256QAM	1	1	16.80	17.01	16.73

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	22.94	23.29	23.24
20		1	39	23.38	23.41	23.22
20		1	77	23.17	23.28	23.38
20		36	1	23.20	23.19	23.22
20		36	18	23.28	23.59	23.48
20		36	36	23.47	23.51	23.60
20		75	0	22.86	23.16	23.11
20	DFT-s-OFDM QPSK	1	1	23.31	23.61	23.16
20		1	39	23.32	23.53	23.45
20		1	77	23.17	23.48	23.47
20		36	1	23.29	23.31	23.22
20		36	18	23.48	23.60	23.24
20		36	36	23.40	23.60	23.57
20		75	0	22.40	22.69	22.67
20	DFT-s-OFDM 16QAM	1	1	22.31	22.56	22.49
20	DFT-s-OFDM 64QAM	1	1	20.55	20.88	20.75
20	DFT-s-OFDM 256QAM	1	1	18.63	18.78	18.89
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.15	22.56	22.39
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	22.18	22.62	22.64
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.68	22.73	22.47

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1710	1745	1780
20	CP-OFDM QPSK	1	1	20.71	21.01	20.98
20	CP-OFDM 16QAM	1	1	20.63	20.79	20.76
20	CP-OFDM 64QAM	1	1	18.72	18.92	18.88
20	CP-OFDM 256QAM	1	1	15.45	15.71	15.62

DC_48A_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	22.56	22.57	23.47
20		1	39	22.59	22.60	22.49
20		1	77	22.74	22.76	23.42
20		36	1	22.12	22.13	23.19
20		36	18	22.46	22.48	23.48
20		36	36	22.24	22.14	23.17
20		75	0	22.03	22.10	23.16
20	DFT-s-OFDM QPSK	1	1	22.61	23.49	23.41
20		1	39	22.49	22.45	22.65
20		1	77	22.77	22.81	23.47
20		36	1	21.64	21.56	22.61
20		36	18	22.54	22.57	23.02
20		36	36	21.68	21.71	22.79
20		75	0	21.62	21.62	22.64
20	DFT-s-OFDM 16QAM	1	1	21.44	21.48	22.64
20	DFT-s-OFDM 64QAM	1	1	20.24	20.22	20.98
20	DFT-s-OFDM 256QAM	1	1	18.30	18.33	18.79
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.64	23.23	23.44
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	22.76	23.13	23.48
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.47	23.15	23.43

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1710	1745	1780
20	CP-OFDM QPSK	1	1	21.31	21.64	22.38
20	CP-OFDM 16QAM	1	1	21.19	21.05	21.55
20	CP-OFDM 64QAM	1	1	19.30	19.73	19.96
20	CP-OFDM 256QAM	1	1	16.85	17.10	16.75

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	22.67	22.62	22.62
20		1	53	23.41	23.26	23.26
20		1	104	23.16	23.20	23.09
20		50	1	22.57	22.58	23.39
20		50	25	23.31	23.37	23.44
20		50	50	23.27	23.34	23.36
20		100	0	23.36	23.42	23.36
20	DFT-s-OFDM QPSK	1	1	23.09	23.45	23.40
20		1	53	22.94	23.17	23.38
20		1	104	22.93	23.00	23.10
20		50	1	22.49	23.12	22.69
20		50	25	22.64	22.67	22.60
20		50	50	21.94	22.62	22.54
20		100	0	22.15	22.93	22.66
20	DFT-s-OFDM 16QAM	1	1	22.50	23.13	21.68
20	DFT-s-OFDM 64QAM	1	1	20.72	21.69	21.17
20	DFT-s-OFDM	1	1	20.94	21.77	19.67

	256QAM					
Channel				134100	136100	138100
Frequency (MHz)				670.5	680.5	690.5
15	DFT-s-OFDM PI/2 BPSK	1	1	20.97	22.64	21.33
Channel				133600	136100	138600
Frequency (MHz)				668	680.5	693
10	DFT-s-OFDM PI/2 BPSK	1	1	21.42	22.97	21.17
Channel				133100	136100	139100
Frequency (MHz)				665.5	680.5	695.5
5	DFT-s-OFDM PI/2 BPSK	1	1	21.64	22.78	21.46
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				134600	136100	137600
Frequency (MHz)				673	680.5	688
20	CP-OFDM QPSK	1	1	22.74	22.74	22.67
20	CP-OFDM 16QAM	1	1	22.25	22.05	22.90
20	CP-OFDM 64QAM	1	1	20.66	20.41	21.56
20	CP-OFDM 256QAM	1	1	22.70	20.96	22.67

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	22.73	22.75	22.52
20		1	53	23.58	23.31	23.30
20		1	104	23.56	23.23	23.12
20		50	1	22.63	22.54	23.50
20		50	25	23.36	23.53	23.44
20		50	50	23.29	23.40	23.34
20		100	0	23.46	22.50	22.60
20	DFT-s-OFDM QPSK	1	1	23.44	23.59	22.59
20		1	53	22.72	23.30	23.24
20		1	104	22.83	22.77	23.16
20		50	1	22.40	22.58	22.64
20		50	25	22.00	23.50	23.44
20		50	50	22.98	22.35	22.45
20		100	0	22.04	22.51	22.59
20	DFT-s-OFDM 16QAM	1	1	22.65	22.47	21.61
20	DFT-s-OFDM 64QAM	1	1	20.64	21.40	21.10
20	DFT-s-OFDM 256QAM	1	1	18.64	19.31	19.57
Channel				134100	136100	138100
Frequency (MHz)				670.5	680.5	690.5
15	DFT-s-OFDM PI/2 BPSK	1	1	23.20	23.09	22.78
Channel				133600	136100	138600
Frequency (MHz)				668	680.5	693
10	DFT-s-OFDM PI/2 BPSK	1	1	23.32	23.20	22.81
Channel				133100	136100	139100
Frequency (MHz)				665.5	680.5	695.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.96	22.91	23.25

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				134600	136100	137600
Frequency (MHz)				673	680.5	688
20	CP-OFDM QPSK	1	1	21.93	22.17	22.52
20	CP-OFDM 16QAM	1	1	21.31	22.15	22.16
20	CP-OFDM 64QAM	1	1	20.99	20.80	20.88
20	CP-OFDM 256QAM	1	1	17.86	18.10	18.34

DC_2A_n77 (3700MHz-3980MHz)

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	16.50	16.20	15.86
100		1	136	15.98	16.12	15.96
100		1	272	16.25	15.89	15.68
100		135	1	15.45	15.38	15.31
100		135	67	15.61	15.63	15.24
100		135	136	15.35	14.91	15.37
100		270	0	15.47	15.14	15.28
100	DFT-s-OFDM QPSK	1	1	16.51	16.61	16.51
100		1	136	16.10	15.93	15.70
100		1	272	16.19	15.90	15.85
100		135	1	15.15	15.66	15.36
100		135	67	15.55	15.69	15.44
100		135	136	15.14	15.26	15.31
100		270	0	15.10	14.90	14.65
100	DFT-s-OFDM 16QAM	1	1	15.57	15.31	15.07
100	DFT-s-OFDM 64QAM	1	1	13.97	13.64	13.33
100	DFT-s-OFDM	1	1	12.16	11.86	11.34

	256QAM					
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	15.34	14.97	14.71
100	CP-OFDM 16QAM	1	1	14.95	14.60	14.23
100	CP-OFDM 64QAM	1	1	13.08	12.62	12.36
100	CP-OFDM 256QAM	1	1	10.52	10.12	9.84

DC_5A_n77 (3700MHz-3980MHz)

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	15.59	15.31	15.25
100		1	136	15.01	15.62	14.56
100		1	272	14.81	14.70	15.04
100		135	1	14.14	14.55	14.22
100		135	67	14.29	14.55	14.62
100		135	136	14.62	14.18	14.66
100		270	0	14.53	14.35	14.55
100	DFT-s-OFDM QPSK	1	1	15.70	15.88	15.04
100		1	136	14.82	15.64	14.52
100		1	272	14.20	14.18	14.59
100		135	1	14.31	14.97	13.94
100		135	67	14.86	14.56	14.58
100		135	136	14.01	14.57	14.08
100		270	0	14.18	14.68	13.97
100	DFT-s-OFDM 16QAM	1	1	14.91	14.63	14.18
100	DFT-s-OFDM 64QAM	1	1	13.41	12.69	12.42

100	DFT-s-OFDM 256QAM	1	1	11.60	11.01	10.76
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	14.68	14.18	13.77
100	CP-OFDM 16QAM	1	1	13.99	13.56	13.33
100	CP-OFDM 64QAM	1	1	12.20	11.72	11.57
100	CP-OFDM 256QAM	1	1	9.72	9.08	8.82

DC_13A_n77 (3700MHz-3980MHz)

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	15.81	15.31	15.16
100		1	136	14.76	15.62	14.50
100		1	272	14.72	14.73	15.07
100		135	1	14.82	15.26	13.99
100		135	67	14.91	15.61	14.21
100		135	136	14.57	14.92	14.13
100		270	0	14.76	15.24	14.27
100	DFT-s-OFDM QPSK	1	1	15.56	15.83	15.68
100		1	136	14.90	15.46	14.41
100		1	272	14.39	14.20	14.56
100		135	1	14.30	15.56	14.02
100		135	67	14.90	15.55	14.46
100		135	136	14.22	14.66	14.12
100		270	0	14.30	14.75	13.96
100	DFT-s-OFDM 16QAM	1	1	15.09	14.51	14.13
100	DFT-s-OFDM	1	1	13.31	12.47	12.37

	64QAM					
100	DFT-s-OFDM 256QAM	1	1	11.57	10.97	10.73
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	14.63	13.90	13.77
100	CP-OFDM 16QAM	1	1	14.32	13.47	13.38
100	CP-OFDM 64QAM	1	1	12.34	11.57	11.44
100	CP-OFDM 256QAM	1	1	9.65	9.30	8.77

DC_66A_n77 (3700MHz-3980MHz)

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	15.59	15.38	15.25
100		1	136	15.07	15.61	14.60
100		1	272	14.84	14.55	14.96
100		135	1	14.98	15.28	13.93
100		135	67	15.04	15.62	14.21
100		135	136	14.77	14.84	14.03
100		270	0	14.88	15.27	14.15
100	DFT-s-OFDM QPSK	1	1	15.96	15.42	14.29
100		1	136	15.06	15.63	14.55
100		1	272	14.40	14.20	14.57
100		135	1	14.51	14.79	13.95
100		135	67	15.08	15.73	14.38
100		135	136	14.22	14.73	14.20
100		270	0	14.35	14.69	14.03
100	DFT-s-OFDM 16QAM	1	1	15.16	14.50	14.23

100	DFT-s-OFDM 64QAM	1	1	13.16	12.66	12.39
100	DFT-s-OFDM 256QAM	1	1	11.50	11.01	10.82
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	14.73	14.14	13.70
100	CP-OFDM 16QAM	1	1	14.33	13.69	13.42
100	CP-OFDM 64QAM	1	1	12.22	11.65	11.48
100	CP-OFDM 256QAM	1	1	10.02	9.03	8.81

DC_2A_n77 (3450MHz-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Middle Channel
Channel				633334
Frequency (MHz)				3500.01
100	DFT-s-OFDM PI/2 BPSK	1	1	23.22
100		1	136	23.10
100		1	272	22.91
100		135	1	22.93
100		135	67	23.15
100		135	136	22.49
100		270	0	22.71
100	DFT-s-OFDM QPSK	1	1	23.05
100		1	136	22.90
100		1	272	22.89
100		135	1	22.54
100		135	67	23.00
100		135	136	22.62
100		270	0	22.21

100	DFT-s-OFDM 16QAM	1	1	22.67
100	DFT-s-OFDM 64QAM	1	1	20.64
100	DFT-s-OFDM 256QAM	1	1	18.88
BW [MHz]	Modulation	RB Size	RB Offset	Middle Channel
Channel				656000
Frequency (MHz)				3840
100	CP-OFDM QPSK	1	1	21.97
100	CP-OFDM 16QAM	1	1	21.60
100	CP-OFDM 64QAM	1	1	19.62
100	CP-OFDM 256QAM	1	1	17.12

DC_5A_n77 (3450MHz-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Middle Channel
Channel				633334
Frequency (MHz)				3500.01
100	DFT-s-OFDM PI/2 BPSK	1	1	16.04
100		1	136	16.14
100		1	272	16.40
100		135	1	15.69
100		135	67	15.40
100		135	136	15.30
100		270	0	15.69
100	DFT-s-OFDM QPSK	1	1	16.41
100		1	136	16.08
100		1	272	16.38
100		135	1	15.59
100		135	67	15.30
100		135	136	15.33

100		270	0	15.23
100	DFT-s-OFDM 16QAM	1	1	15.02
100	DFT-s-OFDM 64QAM	1	1	13.55
100	DFT-s-OFDM 256QAM	1	1	13.62
BW [MHz]	Modulation	RB Size	RB Offset	16.04
Channel				656000
Frequency (MHz)				3840
100	CP-OFDM QPSK	1	1	15.69
100	CP-OFDM 16QAM	1	1	15.40
100	CP-OFDM 64QAM	1	1	15.30
100	CP-OFDM 256QAM	1	1	15.69

DC_13A_n77 (3450MHz-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Middle Channel
Channel				633334
Frequency (MHz)				3500.01
100	DFT-s-OFDM PI/2 BPSK	1	1	16.03
100		1	136	16.17
100		1	272	16.45
100		135	1	15.30
100		135	67	15.40
100		135	136	15.33
100		270	0	15.26
100	DFT-s-OFDM QPSK	1	1	16.49
100		1	136	16.10
100		1	272	16.32
100		135	1	15.27
100		135	67	15.26
100		135	136	15.30

100		270	0	15.23
100	DFT-s-OFDM 16QAM	1	1	14.96
100	DFT-s-OFDM 64QAM	1	1	13.45
100	DFT-s-OFDM 256QAM	1	1	11.46
BW [MHz]	Modulation	RB Size	RB Offset	Middle Channel
Channel				656000
Frequency (MHz)				3840
100	CP-OFDM QPSK	1	1	14.60
100	CP-OFDM 16QAM	1	1	13.98
100	CP-OFDM 64QAM	1	1	12.54
100	CP-OFDM 256QAM	1	1	12.57

DC_66A_n77 (3450MHz-3550MHz)

BW [MHz]	Modulation	RB Size	RB Offset	Middle Channel
Channel				633334
Frequency (MHz)				3500.01
100	DFT-s-OFDM PI/2 BPSK	1	1	15.92
100		1	136	16.18
100		1	272	16.38
100		135	1	15.51
100		135	67	15.46
100		135	136	15.24
100		270	0	15.66
100	DFT-s-OFDM QPSK	1	1	16.40
100		1	136	16.07
100		1	272	16.34
100		135	1	15.38
100		135	67	15.15

100		135	136	15.26
100		270	0	15.30
100	DFT-s-OFDM 16QAM	1	1	14.96
100	DFT-s-OFDM 64QAM	1	1	13.57
100	DFT-s-OFDM 256QAM	1	1	11.44
BW [MHz]	Modulation	RB Size	RB Offset	Middle Channel
Channel				656000
Frequency (MHz)				3840
100	CP-OFDM QPSK	1	1	14.57
100	CP-OFDM 16QAM	1	1	13.98
100	CP-OFDM 64QAM	1	1	12.53
100	CP-OFDM 256QAM	1	1	12.57

Effective Radiated Power and Effective Isotropic Radiated Power:

DC_66A_n2				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch./ Freq.	Middle Ch./ Freq.	High Ch. / Freq.	Low Ch. / EIRP	Middle Ch./ EIRP	High Ch. / 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	20.71	20.64	20.59	0.118	0.116	0.115
20		1	39	20.79	20.73	20.65	0.120	0.118	0.116
20		1	77	20.61	20.81	20.59	0.115	0.121	0.115
20		36	1	20.39	20.37	20.58	0.109	0.109	0.114
20		36	18	20.81	20.60	20.74	0.121	0.115	0.119
20		36	36	20.67	20.52	20.63	0.117	0.113	0.116
20		75	0	20.63	20.36	20.48	0.116	0.109	0.112
20	DFT-s-OFDM	1	1	20.78	21.05	20.90	0.120	0.127	0.123

20	QPSK	1	39	20.69	20.63	20.69	0.117	0.116	0.117
20		1	77	20.57	20.76	20.73	0.114	0.119	0.118
20		36	1	20.75	20.78	20.32	0.119	0.120	0.108
20		36	18	20.77	20.76	20.77	0.119	0.119	0.119
20		36	36	20.64	20.48	20.51	0.116	0.112	0.112
20		75	0	20.11	20.27	20.20	0.103	0.106	0.105
20	DFT-s-OFDM 16QAM	1	1	19.65	19.35	19.24	0.092	0.086	0.084
20	DFT-s-OFDM 64QAM	1	1	18.37	18.63	18.43	0.069	0.073	0.070
20	DFT-s-OFDM 256QAM	1	1	16.07	16.55	16.49	0.040	0.045	0.045
Channel				371500	376000	380500	371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5	1857.5	1880	1902.5
15	DFT-s-OFDM PI/2 BPSK	1	1	20.73	20.57	20.30	0.118	0.114	0.107
Channel				371000	376000	381000	371000	376000	381000
Frequency (MHz)				1855	1880	1905	1855	1880	1905
10	DFT-s-OFDM PI/2 BPSK	1	1	20.59	20.42	20.45	0.115	0.110	0.111
Channel				370500	376000	381500	370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5	1852.5	1880	1907.5
5	DFT-s-OFDM PI/2 BPSK	1	1	20.60	20.49	20.41	0.115	0.112	0.110
Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1900	1860	1880	1900
20	CP-OFDM QPSK	1	1	18.95	18.51	18.76	0.079	0.071	0.075
20	CP-OFDM 16QAM	1	1	18.92	18.64	18.47	0.078	0.073	0.070
20	CP-OFDM 64QAM	1	1	17.12	17.01	16.98	0.052	0.050	0.050
20	CP-OFDM 256QAM	1	1	14.48	14.37	14.70	0.028	0.027	0.030

DC_12A_n2				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch./ Freq.	Middle Ch./ Freq.	High Ch. / Freq.	Low Ch. / EIRP	Middle Ch./ EIRP	High Ch. / 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	20.76	20.58	20.84	0.119	0.114	0.121
20		1	39	20.73	20.52	20.86	0.118	0.113	0.122
20		1	77	20.68	20.77	20.90	0.117	0.119	0.123
20		36	1	20.18	20.05	20.48	0.104	0.101	0.112
20		36	18	20.70	20.75	21.02	0.117	0.119	0.126
20		36	36	20.27	20.24	20.66	0.106	0.106	0.116
20		75	0	20.20	20.19	20.53	0.105	0.104	0.113
20	DFT-s-OFDM QPSK	1	1	20.67	21.03	20.74	0.117	0.127	0.119
20		1	39	20.75	20.62	21.01	0.119	0.115	0.126
20		1	77	20.65	20.78	21.01	0.116	0.120	0.126
20		36	1	19.68	19.62	19.90	0.093	0.092	0.098
20		36	18	20.71	20.59	21.02	0.118	0.115	0.126
20		36	36	19.75	19.71	20.14	0.094	0.094	0.103
20		75	0	19.73	19.67	20.02	0.094	0.093	0.100
20	DFT-s-OFDM 16QAM	1	1	18.75	19.52	20.10	0.075	0.090	0.102
20	DFT-s-OFDM 64QAM	1	1	18.12	18.12	18.72	0.065	0.065	0.074
20	DFT-s-OFDM 256QAM	1	1	16.15	16.33	16.32	0.041	0.043	0.043
Channel				371500	376000	380500	371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5	1857.5	1880	1902.5
15	DFT-s-OFDM PI/2 BPSK	1	1	20.73	20.60	20.92	0.118	0.115	0.124
Channel				371000	376000	381000	371000	376000	381000
Frequency (MHz)				1855	1880	1905	1855	1880	1905
10	DFT-s-OFDM PI/2 BPSK	1	1	20.79	20.61	20.97	0.120	0.115	0.125
Channel				370500	376000	381500	370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5	1852.5	1880	1907.5

5	DFT-s-OFDM PI/2 BPSK	1	1	20.80	20.51	20.96	0.120	0.112	0.125
Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1900	1860	1880	1900
20	CP-OFDM QPSK	1	1	19.18	19.02	19.31	0.083	0.080	0.085
20	CP-OFDM 16QAM	1	1	18.82	18.93	18.80	0.076	0.078	0.076
20	CP-OFDM 64QAM	1	1	17.24	17.19	17.23	0.053	0.052	0.053
20	CP-OFDM 256QAM	1	1	14.32	14.30	14.54	0.027	0.027	0.028

DC_13A_n2				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch./ Freq.	Middle Ch./ Freq.	High Ch. / Freq.	Low Ch. / EIRP	Middle Ch./ EIRP	High Ch. / 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	20.22	19.61	19.05	0.105	0.091	0.080
20		1	39	20.54	20.45	19.39	0.113	0.111	0.087
20		1	77	19.57	19.25	19.06	0.091	0.084	0.081
20		36	1	20.22	20.35	20.17	0.105	0.108	0.104
20		36	18	20.38	20.26	20.09	0.109	0.106	0.102
20		36	36	20.45	19.45	19.74	0.111	0.088	0.094
20		75	0	20.33	20.25	20.17	0.108	0.106	0.104
20	DFT-s-OFDM QPSK	1	1	20.32	20.59	19.86	0.108	0.115	0.097
20		1	39	20.44	20.49	20.47	0.111	0.112	0.111
20		1	77	20.56	19.26	19.65	0.114	0.084	0.092
20		36	1	19.13	20.57	20.15	0.082	0.114	0.104
20		36	18	20.12	20.48	20.15	0.103	0.112	0.104
20		36	36	20.32	19.50	19.87	0.108	0.089	0.097
20		75	0	20.06	20.11	20.14	0.101	0.103	0.103
20	DFT-s-OFDM 16QAM	1	1	18.89	19.39	19.37	0.077	0.087	0.086
20	DFT-s-OFDM 64QAM	1	1	18.60	18.90	18.96	0.072	0.078	0.079

20	DFT-s-OFDM 256QAM	1	1	16.88	16.43	16.25	0.049	0.044	0.042
Channel				371500	376000	380500	371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5	1857.5	1880	1902.5
15	DFT-s-OFDM PI/2 BPSK	1	1	19.76	20.22	18.78	0.095	0.105	0.076
Channel				371000	376000	381000	371000	376000	381000
Frequency (MHz)				1855	1880	1905	1855	1880	1905
10	DFT-s-OFDM PI/2 BPSK	1	1	19.57	20.25	18.94	0.091	0.106	0.078
Channel				370500	376000	381500	370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5	1852.5	1880	1907.5
5	DFT-s-OFDM PI/2 BPSK	1	1	19.69	20.28	19.62	0.093	0.107	0.092
Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1900	1860	1880	1900
20	CP-OFDM QPSK	1	1	18.01	17.89	17.50	0.063	0.062	0.056
20	CP-OFDM 16QAM	1	1	17.49	17.44	17.05	0.056	0.055	0.051
20	CP-OFDM 64QAM	1	1	16.59	16.28	16.03	0.046	0.042	0.040
20	CP-OFDM 256QAM	1	1	14.83	14.13	14.08	0.030	0.026	0.026

DC_2A_n5				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch./ Freq.	Middle Ch./ Freq.	High Ch. / Freq.	Low Ch. / EIRP	Middle Ch./ EIRP	High Ch. / EIRP
Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	20.70	20.72	20.70	0.117	0.118	0.117
20		1	39	20.64	20.51	20.28	0.116	0.112	0.107
20		1	77	20.30	20.26	20.31	0.107	0.106	0.107
20		36	1	20.28	20.32	20.30	0.107	0.108	0.107
20		36	18	20.38	20.41	20.36	0.109	0.110	0.109

20		36	36	20.01	20.00	20.08	0.100	0.100	0.102
20		75	0	20.08	20.08	19.98	0.102	0.102	0.100
20	DFT-s-OFDM QPSK	1	1	20.73	20.72	20.62	0.118	0.118	0.115
20		1	39	20.56	20.52	20.30	0.114	0.113	0.107
20		1	77	20.34	20.28	20.28	0.108	0.107	0.107
20		36	1	19.90	20.14	20.06	0.098	0.103	0.101
20		36	18	20.39	20.35	20.28	0.109	0.108	0.107
20		36	36	20.08	20.29	20.05	0.102	0.107	0.101
20		75	0	19.66	19.63	19.51	0.092	0.092	0.089
20	DFT-s-OFDM 16QAM	1	1	20.08	19.95	20.06	0.102	0.099	0.101
20	DFT-s-OFDM 64QAM	1	1	18.21	18.36	18.32	0.066	0.069	0.068
20	DFT-s-OFDM 256QAM	1	1	16.22	16.22	16.16	0.042	0.042	0.041
Channel				166300	167300	168300	166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5	831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	20.39	20.39	20.58	0.109	0.109	0.114
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	20.64	20.63	20.28	0.116	0.116	0.107
Channel				165300	167300	169300	165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5	826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	20.42	20.54	20.13	0.110	0.113	0.103
Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	19.35	19.41	19.32	0.086	0.087	0.086
20	CP-OFDM 16QAM	1	1	19.21	19.19	19.12	0.083	0.083	0.082
20	CP-OFDM 64QAM	1	1	17.33	17.36	17.32	0.054	0.054	0.054
20	CP-OFDM 256QAM	1	1	14.21	14.21	14.24	0.026	0.026	0.027

DC_66A_n5				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch./ Freq.	Middle Ch./ Freq.	High Ch. / Freq.	Low Ch. / EIRP	Middle Ch./ EIRP	High Ch. / EIRP
Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	20.73	20.78	20.76	0.118	0.120	0.119
20		1	39	20.64	20.52	20.34	0.116	0.113	0.108
20		1	77	20.36	20.47	20.31	0.109	0.111	0.107
20		36	1	20.44	20.41	20.57	0.111	0.110	0.114
20		36	18	20.58	20.76	20.66	0.114	0.119	0.116
20		36	36	20.35	20.38	20.42	0.108	0.109	0.110
20		75	0	20.22	20.14	20.05	0.105	0.103	0.101
20	DFT-s-OFDM QPSK	1	1	20.58	20.95	20.69	0.114	0.124	0.117
20		1	39	20.62	20.48	20.45	0.115	0.112	0.111
20		1	77	20.47	20.56	20.48	0.111	0.114	0.112
20		36	1	20.05	20.39	20.29	0.101	0.109	0.107
20		36	18	20.42	20.45	20.43	0.110	0.111	0.110
20		36	36	20.39	20.47	20.25	0.109	0.111	0.106
20		75	0	19.81	19.69	19.62	0.096	0.093	0.092
20	DFT-s-OFDM 16QAM	1	1	20.05	20.09	20.00	0.101	0.102	0.100
20	DFT-s-OFDM 64QAM	1	1	18.41	18.43	18.35	0.069	0.070	0.068
20	DFT-s-OFDM 256QAM	1	1	16.14	16.27	16.18	0.041	0.042	0.041
Channel				166300	167300	168300	166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5	831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	20.53	20.55	20.66	0.113	0.114	0.116
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	20.62	20.59	20.29	0.115	0.115	0.107
Channel				165300	167300	169300	165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5	826.5	836.5	846.5
5	DFT-s-OFDM	1	1	19.98	20.33	20.07	0.100	0.108	0.102

	PI/2 BPSK								
Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	19.31	19.45	19.39	0.085	0.088	0.087
20	CP-OFDM 16QAM	1	1	19.21	19.22	19.28	0.083	0.084	0.085
20	CP-OFDM 64QAM	1	1	17.31	17.38	17.28	0.054	0.055	0.053
20	CP-OFDM 256QAM	1	1	14.24	14.29	14.23	0.027	0.027	0.026

DC_2A_n41				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch./ Freq.	Middle Ch./ Freq.	High Ch. / Freq.	Low Ch. / EIRP	Middle Ch./ EIRP	High Ch. / EIRP
Channel				509202	518598	528000	509202	518598	528000
Frequency (MHz)				2546	2593	2640	2546	2593	2640
				dBm			W		
100	DFT-s-OFDM PI/2 BPSK	1	1	19.25	19.26	19.39	0.084	0.084	0.087
100		1	136	19.19	19.34	19.32	0.083	0.086	0.086
100		1	272	19.12	18.90	18.77	0.082	0.078	0.075
100		135	1	18.91	19.01	18.76	0.078	0.080	0.075
100		135	67	19.37	19.44	19.41	0.086	0.088	0.087
100		135	136	18.97	19.09	18.92	0.079	0.081	0.078
100		270	0	18.79	19.09	19.00	0.076	0.081	0.079
100	DFT-s-OFDM QPSK	1	1	19.32	19.45	19.30	0.086	0.088	0.085
100		1	136	19.23	19.40	19.38	0.084	0.087	0.087
100		1	272	18.67	18.48	18.37	0.074	0.070	0.069
100		135	1	18.59	18.55	18.53	0.072	0.072	0.071
100		135	67	19.40	19.39	19.34	0.087	0.087	0.086
100		135	136	18.49	18.49	18.40	0.071	0.071	0.069
100		270	0	18.59	18.62	18.44	0.072	0.073	0.070
100	DFT-s-OFDM 16QAM	1	1	17.67	18.69	18.60	0.058	0.074	0.072
100	DFT-s-OFDM 64QAM	1	1	17.07	17.16	17.17	0.051	0.052	0.052
100	DFT-s-OFDM	1	1	14.99	14.91	15.14	0.032	0.031	0.033

	256QAM								
Channel				505200	518598	531996	505200	518598	531996
Frequency (MHz)				2526	2593	2660	2526	2593	2660
60	DFT-s-OFDM PI/2 BPSK	1	1	18.77	18.85	18.90	0.075	0.077	0.078
Channel				503202	518598	534000	503202	518598	534000
Frequency (MHz)				2516	2593	2670	2516	2593	2670
40	DFT-s-OFDM PI/2 BPSK	1	1	19.28	19.36	19.31	0.085	0.086	0.085
Channel				501204	518598	535998	501204	518598	535998
Frequency (MHz)				2506	2593	2680	2506	2593	2680
20	DFT-s-OFDMP I/2 BPSK	1	1	19.10	19.22	19.08	0.081	0.084	0.081
Channel				509202	518598	528000	509202	518598	528000
Frequency (MHz)				2546	2593	2640	2546	2593	2640
100	CP-OFDM QPSK	1	1	18.08	18.24	18.29	0.064	0.067	0.067
100	CP-OFDM 16QAM	1	1	17.52	17.69	17.76	0.056	0.059	0.060
100	CP-OFDM 64QAM	1	1	16.09	16.07	16.37	0.041	0.040	0.043
100	CP-OFDM 256QAM	1	1	13.37	13.46	12.97	0.022	0.022	0.020

DC_66A_n41				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch./ Freq.	Middle Ch./ Freq.	High Ch. / Freq.	Low Ch. / EIRP	Middle Ch./ EIRP	High Ch. / EIRP
Channel				509202	518598	528000	509202	518598	528000
Frequency (MHz)				2546	2593	2640	2546	2593	2640
				dBm			W		
100	DFT-s-OFDM PI/2 BPSK	1	1	19.52	19.35	19.45	0.090	0.086	0.088
100		1	136	19.20	19.42	19.35	0.083	0.087	0.086
100		1	272	19.05	18.87	18.78	0.080	0.077	0.076
100		135	1	18.74	18.71	18.73	0.075	0.074	0.075
100		135	67	19.24	19.45	19.36	0.084	0.088	0.086
100		135	136	18.78	18.95	18.88	0.076	0.079	0.077
100		270	0	18.65	18.91	19.00	0.073	0.078	0.079

100	DFT-s-OFDM QPSK	1	1	19.33	19.57	19.56	0.086	0.091	0.090
100		1	136	19.19	19.48	19.35	0.083	0.089	0.086
100		1	272	18.61	18.46	18.19	0.073	0.070	0.066
100		135	1	18.54	18.56	18.54	0.071	0.072	0.071
100		135	67	19.33	19.38	19.27	0.086	0.087	0.085
100		135	136	18.54	18.52	18.39	0.071	0.071	0.069
100		270	0	18.46	18.52	18.43	0.070	0.071	0.070
100	DFT-s-OFDM 16QAM	1	1	18.90	18.32	17.50	0.078	0.068	0.056
100	DFT-s-OFDM 64QAM	1	1	17.19	16.80	17.04	0.052	0.048	0.051
100	DFT-s-OFDM 256QAM	1	1	15.16	15.05	15.20	0.033	0.032	0.033
Channel				505200	518598	531996	19.52	19.35	19.45
Frequency (MHz)				2526	2593	2660	19.20	19.42	19.35
60	DFT-s-OFDM PI/2 BPSK	1	1	18.84	18.93	18.81	0.077	0.078	0.076
Channel				503202	518598	534000	18.74	18.71	18.73
Frequency (MHz)				2516	2593	2670	19.24	19.45	19.36
40	DFT-s-OFDM PI/2 BPSK	1	1	19.10	19.31	19.20	0.081	0.085	0.083
Channel				501204	518598	535998	18.65	18.91	19.00
Frequency (MHz)				2506	2593	2680	19.33	19.57	19.56
20	DFT-s-OFDMP I/2 BPSK	1	1	19.33	19.37	19.40	0.086	0.086	0.087
Channel				509202	518598	528000	509202	518598	528000
Frequency (MHz)				2546	2593	2640	2546	2593	2640
100	CP-OFDM QPSK	1	1	17.96	18.13	18.22	0.063	0.065	0.066
100	CP-OFDM 16QAM	1	1	17.53	17.61	17.80	0.057	0.058	0.060
100	CP-OFDM 64QAM	1	1	15.99	16.31	16.45	0.040	0.043	0.044
100	CP-OFDM 256QAM	1	1	12.94	13.01	13.26	0.020	0.020	0.021

DC_2A_n66				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch./ Freq.	Middle Ch./ Freq.	High Ch. / Freq.	Low Ch. / EIRP	Middle Ch./ EIRP	High Ch. / 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	26.62	26.71	26.93	0.459	0.469	0.493
20		1	39	26.51	26.70	26.65	0.448	0.468	0.462
20		1	77	26.96	26.90	26.78	0.497	0.490	0.476
20		36	1	26.36	26.39	26.41	0.433	0.436	0.438
20		36	18	26.47	26.70	26.58	0.444	0.468	0.455
20		36	36	26.67	26.66	26.50	0.465	0.463	0.447
20		75	0	26.34	26.43	26.20	0.431	0.440	0.417
20	DFT-s-OFDM QPSK	1	1	26.70	27.06	26.76	0.468	0.508	0.474
20		1	39	26.68	26.59	26.63	0.466	0.456	0.460
20		1	77	26.95	26.71	26.58	0.495	0.469	0.455
20		36	1	26.78	26.83	26.69	0.476	0.482	0.467
20		36	18	26.85	26.65	26.55	0.484	0.462	0.452
20		36	36	26.73	26.79	26.48	0.471	0.478	0.445
20		75	0	25.85	25.87	25.82	0.385	0.386	0.382
20	DFT-s-OFDM 16QAM	1	1	26.09	26.03	26.39	0.406	0.401	0.436
20	DFT-s-OFDM 64QAM	1	1	24.19	24.23	24.51	0.262	0.265	0.282
20	DFT-s-OFDM 256QAM	1	1	22.12	22.20	22.41	0.163	0.166	0.174
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	26.73	26.52	26.69	0.471	0.449	0.467
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	26.74	26.60	26.55	0.472	0.457	0.452
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5
5	DFT-s-OFDM	1	1	26.69	26.46	26.75	0.467	0.443	0.473

	PI/2 BPSK								
Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
20	CP-OFDM QPSK	1	1	25.39	25.44	25.61	0.346	0.350	0.364
20	CP-OFDM 16QAM	1	1	25.22	25.28	25.34	0.333	0.337	0.342
20	CP-OFDM 64QAM	1	1	23.33	23.39	23.49	0.215	0.218	0.223
20	CP-OFDM 256QAM	1	1	20.26	20.24	20.47	0.106	0.106	0.111

DC_12A_n66				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch./ Freq.	Middle Ch./ Freq.	High Ch. / Freq.	Low Ch. / EIRP	Middle Ch./ EIRP	High Ch. / 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	26.34	26.70	27.19	0.431	0.468	0.524
20		1	39	26.30	26.94	26.21	0.427	0.494	0.418
20		1	77	26.48	27.10	27.18	0.445	0.513	0.522
20		36	1	25.87	26.33	26.88	0.386	0.430	0.488
20		36	18	26.26	27.05	27.22	0.423	0.507	0.527
20		36	36	25.93	26.63	26.93	0.392	0.460	0.493
20		75	0	25.81	26.62	26.90	0.381	0.459	0.490
20	DFT-s-OFDM QPSK	1	1	26.38	27.26	27.16	0.435	0.532	0.520
20		1	39	26.23	27.01	27.22	0.420	0.502	0.527
20		1	77	26.50	27.24	27.23	0.447	0.530	0.528
20		36	1	25.36	25.91	26.39	0.344	0.390	0.436
20		36	18	26.33	26.06	26.78	0.430	0.404	0.476
20		36	36	25.43	26.09	26.51	0.349	0.406	0.448
20		75	0	25.31	26.07	26.42	0.340	0.405	0.439
20	DFT-s-OFDM 16QAM	1	1	25.23	25.85	26.38	0.333	0.385	0.435
20	DFT-s-OFDM 64QAM	1	1	23.98	24.77	24.78	0.250	0.300	0.301

20	DFT-s-OFDM 256QAM	1	1	22.08	22.32	22.51	0.161	0.171	0.178
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	26.30	26.92	27.22	0.427	0.492	0.527
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	26.33	26.83	27.10	0.430	0.482	0.513
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	26.27	26.89	27.21	0.424	0.489	0.526
Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
20	CP-OFDM QPSK	1	1	24.88	25.38	25.97	0.308	0.345	0.395
20	CP-OFDM 16QAM	1	1	24.79	24.73	25.31	0.301	0.297	0.340
20	CP-OFDM 64QAM	1	1	22.94	23.30	23.69	0.197	0.214	0.234
20	CP-OFDM 256QAM	1	1	20.48	20.69	20.41	0.112	0.117	0.110

DC_13A_n66				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch./ Freq.	Middle Ch./ Freq.	High Ch. / Freq.	Low Ch. / EIRP	Middle Ch./ EIRP	High Ch. / 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	26.62	26.97	26.92	0.459	0.498	0.492
20		1	39	27.06	27.09	26.90	0.508	0.512	0.490
20		1	77	26.85	26.96	27.06	0.484	0.497	0.508
20		36	1	26.88	26.87	26.90	0.488	0.486	0.490
20		36	18	26.96	27.27	27.16	0.497	0.533	0.520
20		36	36	27.15	27.19	27.28	0.519	0.524	0.535

20		75	0	26.54	26.84	26.79	0.451	0.483	0.478
20	DFT-s-OFDM QPSK	1	1	26.99	27.29	26.84	0.500	0.536	0.483
20		1	39	27.00	27.21	27.13	0.501	0.526	0.516
20		1	77	26.85	27.16	27.15	0.484	0.520	0.519
20		36	1	26.97	26.99	26.90	0.498	0.500	0.490
20		36	18	27.16	27.28	26.92	0.520	0.535	0.492
20		36	36	27.08	27.28	27.25	0.511	0.535	0.531
20		75	0	26.08	26.37	26.35	0.406	0.434	0.432
20	DFT-s-OFDM 16QAM	1	1	25.99	26.24	26.17	0.397	0.421	0.414
20	DFT-s-OFDM 64QAM	1	1	24.23	24.56	24.43	0.265	0.286	0.277
20	DFT-s-OFDM 256QAM	1	1	22.31	22.46	22.57	0.170	0.176	0.181
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	25.83	26.24	26.07	0.383	0.421	0.405
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	25.86	26.30	26.32	0.385	0.427	0.429
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	26.36	26.41	26.15	0.433	0.438	0.412
Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
20	CP-OFDM QPSK	1	1	24.39	24.69	24.66	0.275	0.294	0.292
20	CP-OFDM 16QAM	1	1	24.31	24.47	24.44	0.270	0.280	0.278
20	CP-OFDM 64QAM	1	1	22.40	22.60	22.56	0.174	0.182	0.180
20	CP-OFDM 256QAM	1	1	19.13	19.39	19.30	0.082	0.087	0.085

DC_48A_n66				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch./ Freq.	Middle Ch./ Freq.	High Ch. / Freq.	Low Ch. / EIRP	Middle Ch./ EIRP	High Ch. / 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	26.24	26.25	27.15	0.421	0.422	0.519
20		1	39	26.27	26.28	26.17	0.424	0.425	0.414
20		1	77	26.42	26.44	27.10	0.439	0.441	0.513
20		36	1	25.80	25.81	26.87	0.380	0.381	0.486
20		36	18	26.14	26.16	27.16	0.411	0.413	0.520
20		36	36	25.92	25.82	26.85	0.391	0.382	0.484
20		75	0	25.71	25.78	26.84	0.372	0.378	0.483
20	DFT-s-OFDM QPSK	1	1	26.29	27.17	27.09	0.426	0.521	0.512
20		1	39	26.17	26.13	26.33	0.414	0.410	0.430
20		1	77	26.45	26.49	27.15	0.442	0.446	0.519
20		36	1	25.32	25.24	26.29	0.340	0.334	0.426
20		36	18	26.22	26.25	26.70	0.419	0.422	0.468
20		36	36	25.36	25.39	26.47	0.344	0.346	0.444
20		75	0	25.30	25.30	26.32	0.339	0.339	0.429
20	DFT-s-OFDM 16QAM	1	1	25.12	25.16	26.32	0.325	0.328	0.429
20	DFT-s-OFDM 64QAM	1	1	23.92	23.90	24.66	0.247	0.245	0.292
20	DFT-s-OFDM 256QAM	1	1	21.98	22.01	22.47	0.158	0.159	0.177
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	26.32	26.91	27.12	0.429	0.491	0.515
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	26.44	26.81	27.16	0.441	0.480	0.520
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5
5	DFT-s-OFDM	1	1	26.15	26.83	27.11	0.412	0.482	0.514

	PI/2 BPSK								
Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
20	CP-OFDM QPSK	1	1	24.99	25.32	26.06	0.316	0.340	0.404
20	CP-OFDM 16QAM	1	1	24.87	24.73	25.23	0.307	0.297	0.333
20	CP-OFDM 64QAM	1	1	22.98	23.41	23.64	0.199	0.219	0.231
20	CP-OFDM 256QAM	1	1	20.53	20.78	20.43	0.113	0.120	0.110

DC_2A_n71				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch./ Freq.	Middle Ch./ Freq.	High Ch. / Freq.	Low Ch. / EIRP	Middle Ch./ EIRP	High Ch. / 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	16.60	16.55	16.55	0.046	0.045	0.045
20		1	53	17.34	17.19	17.19	0.054	0.052	0.052
20		1	104	17.09	17.13	17.02	0.051	0.052	0.050
20		50	1	16.50	16.51	17.32	0.045	0.045	0.054
20		50	25	17.24	17.30	17.37	0.053	0.054	0.055
20		50	50	17.20	17.27	17.29	0.052	0.053	0.054
20		100	0	17.29	17.35	17.29	0.054	0.054	0.054
20	DFT-s-OFDM QPSK	1	1	17.02	17.38	17.33	0.050	0.055	0.054
20		1	53	16.87	17.10	17.31	0.049	0.051	0.054
20		1	104	16.86	16.93	17.03	0.049	0.049	0.050
20		50	1	16.42	17.05	16.62	0.044	0.051	0.046
20		50	25	16.57	16.60	16.53	0.045	0.046	0.045
20		50	50	15.87	16.55	16.47	0.039	0.045	0.044
20		100	0	16.08	16.86	16.59	0.041	0.049	0.046
20	DFT-s-OFDM 16QAM	1	1	16.43	17.06	15.61	0.044	0.051	0.036
20	DFT-s-OFDM 64QAM	1	1	14.65	15.62	15.10	0.029	0.036	0.032
20	DFT-s-OFDM	1	1	14.87	15.70	13.60	0.031	0.037	0.023

	256QAM								
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	14.90	16.57	15.26	0.031	0.045	0.034
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	15.35	16.90	15.10	0.034	0.049	0.032
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 PI/2 BPSK	1	1	15.57	16.71	15.39	0.036	0.047	0.035
Channel				134600	136100	137600	134600	136100	137600
Frequency (MHz)				673	680.5	688	673	680.5	688
20	CP-OFDM QPSK	1	1	16.67	16.67	16.60	0.046	0.046	0.046
20	CP-OFDM 16QAM	1	1	16.18	15.98	16.83	0.041	0.040	0.048
20	CP-OFDM 64QAM	1	1	14.59	14.34	15.49	0.029	0.027	0.035
20	CP-OFDM 256QAM	1	1	16.63	14.89	16.60	0.046	0.031	0.046

DC_66A_n71				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch./ Freq.	Middle Ch./ Freq.	High Ch. / Freq.	Low Ch. / EIRP	Middle Ch./ EIRP	High Ch. / 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	16.66	16.68	16.45	0.046	0.047	0.044
20		1	53	17.51	17.24	17.23	0.056	0.053	0.053
20		1	104	17.49	17.16	17.05	0.056	0.052	0.051
20		50	1	16.56	16.47	17.43	0.045	0.044	0.055
20		50	25	17.29	17.46	17.37	0.054	0.056	0.055
20		50	50	17.22	17.33	17.27	0.053	0.054	0.053
20		100	0	17.39	16.43	16.53	0.055	0.044	0.045

20	DFT-s-OFDM QPSK	1	1	17.37	17.52	16.52	0.055	0.056	0.045
20		1	53	16.65	17.23	17.17	0.046	0.053	0.052
20		1	104	16.76	16.70	17.09	0.047	0.047	0.051
20		50	1	16.33	16.51	16.57	0.043	0.045	0.045
20		50	25	15.93	17.43	17.37	0.039	0.055	0.055
20		50	50	16.91	16.28	16.38	0.049	0.042	0.043
20		100	0	15.97	16.44	16.52	0.040	0.044	0.045
20	DFT-s-OFDM 16QAM	1	1	16.58	16.40	15.54	0.045	0.044	0.036
20	DFT-s-OFDM 64QAM	1	1	14.57	15.33	15.03	0.029	0.034	0.032
20	DFT-s-OFDM 256QAM	1	1	12.57	13.24	13.50	0.018	0.021	0.022
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	17.13	17.02	16.71	0.052	0.050	0.047
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	17.25	17.13	16.74	0.053	0.052	0.047
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 PI/2 BPSK	1	1	16.89	16.84	17.18	0.049	0.048	0.052
Channel				134600	136100	137600	134600	136100	137600
Frequency (MHz)				673	680.5	688	673	680.5	688
20	CP-OFDM QPSK	1	1	15.86	16.10	16.45	0.039	0.041	0.044
20	CP-OFDM 16QAM	1	1	15.24	16.08	16.09	0.033	0.041	0.041
20	CP-OFDM 64QAM	1	1	14.92	14.73	14.81	0.031	0.030	0.030
20	CP-OFDM 256QAM	1	1	11.79	12.03	12.27	0.015	0.016	0.017

DC_2A_n77 (3700MHz-3980MHz)				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch./ Freq.	Middle Ch./ Freq.	High Ch. / Freq.	Low Ch. / EIRP	Middle Ch./ EIRP	High Ch. / 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	19.65	19.35	19.01	0.092	0.086	0.080
100		1	136	19.13	19.27	19.11	0.082	0.085	0.081
100		1	272	19.40	19.04	18.83	0.087	0.080	0.076
100		135	1	18.60	18.53	18.46	0.072	0.071	0.070
100		135	67	18.76	18.78	18.39	0.075	0.076	0.069
100		135	136	18.50	18.06	18.52	0.071	0.064	0.071
100		270	0	18.62	18.29	18.43	0.073	0.067	0.070
100	DFT-s-OFDM QPSK	1	1	19.66	19.76	19.66	0.092	0.095	0.092
100		1	136	19.25	19.08	18.85	0.084	0.081	0.077
100		1	272	19.34	19.05	19.00	0.086	0.080	0.079
100		135	1	18.30	18.81	18.51	0.068	0.076	0.071
100		135	67	18.70	18.84	18.59	0.074	0.077	0.072
100		135	136	18.29	18.41	18.46	0.067	0.069	0.070
100		270	0	18.25	18.05	17.80	0.067	0.064	0.060
100	DFT-s-OFDM 16QAM	1	1	18.72	18.46	18.22	0.074	0.070	0.066
100	DFT-s-OFDM 64QAM	1	1	17.12	16.79	16.48	0.052	0.048	0.044
100	DFT-s-OFDM 256QAM	1	1	15.31	15.01	14.49	0.034	0.032	0.028
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	18.49	18.12	17.86	0.071	0.065	0.061
100	CP-OFDM 16QAM	1	1	18.10	17.75	17.38	0.065	0.060	0.055
100	CP-OFDM 64QAM	1	1	16.23	15.77	15.51	0.042	0.038	0.036
100	CP-OFDM 256QAM	1	1	13.67	13.27	12.99	0.023	0.021	0.020

DC_5A_n77 (3700MHz-3980MHz)				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch./ Freq.	Middle Ch./ Freq.	High Ch. / Freq.	Low Ch. / EIRP	Middle Ch./ EIRP	High Ch. / 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	18.74	18.46	18.40	0.075	0.070	0.069
100		1	136	18.16	18.77	17.71	0.065	0.075	0.059
100		1	272	17.96	17.85	18.19	0.063	0.061	0.066
100		135	1	17.29	17.70	17.37	0.054	0.059	0.055
100		135	67	17.44	17.70	17.77	0.055	0.059	0.060
100		135	136	17.77	17.33	17.81	0.060	0.054	0.060
100		270	0	17.68	17.50	17.70	0.059	0.056	0.059
100	DFT-s-OFDM QPSK	1	1	18.85	19.03	18.19	0.077	0.080	0.066
100		1	136	17.97	18.79	17.67	0.063	0.076	0.058
100		1	272	17.35	17.33	17.74	0.054	0.054	0.059
100		135	1	17.46	18.12	17.09	0.056	0.065	0.051
100		135	67	18.01	17.71	17.73	0.063	0.059	0.059
100		135	136	17.16	17.72	17.23	0.052	0.059	0.053
100		270	0	17.33	17.83	17.12	0.054	0.061	0.052
100	DFT-s-OFDM 16QAM	1	1	18.06	17.78	17.33	0.064	0.060	0.054
100	DFT-s-OFDM 64QAM	1	1	16.56	15.84	15.57	0.045	0.038	0.036
100	DFT-s-OFDM 256QAM	1	1	14.75	14.16	13.91	0.030	0.026	0.025
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	17.83	17.33	16.92	0.061	0.054	0.049
100	CP-OFDM 16QAM	1	1	17.14	16.71	16.48	0.052	0.047	0.044
100	CP-OFDM 64QAM	1	1	15.35	14.87	14.72	0.034	0.031	0.030
100	CP-OFDM 256QAM	1	1	12.87	12.23	11.97	0.019	0.017	0.016

DC_13A_n77 (3700MHz-3980MHz)				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch./ Freq.	Middle Ch./ Freq.	High Ch. / Freq.	Low Ch. / EIRP	Middle Ch./ EIRP	High Ch. / 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	18.96	18.46	18.31	0.079	0.070	0.068
100		1	136	17.91	18.77	17.65	0.062	0.075	0.058
100		1	272	17.87	17.88	18.22	0.061	0.061	0.066
100		135	1	17.97	18.41	17.14	0.063	0.069	0.052
100		135	67	18.06	18.76	17.36	0.064	0.075	0.054
100		135	136	17.72	18.07	17.28	0.059	0.064	0.053
100		270	0	17.91	18.39	17.42	0.062	0.069	0.055
100	DFT-s-OFDM QPSK	1	1	18.71	18.98	18.83	0.074	0.079	0.076
100		1	136	18.05	18.61	17.56	0.064	0.073	0.057
100		1	272	17.54	17.35	17.71	0.057	0.054	0.059
100		135	1	17.45	18.71	17.17	0.056	0.074	0.052
100		135	67	18.05	18.70	17.61	0.064	0.074	0.058
100		135	136	17.37	17.81	17.27	0.055	0.060	0.053
100		270	0	17.45	17.90	17.11	0.056	0.062	0.051
100	DFT-s-OFDM 16QAM	1	1	18.24	17.66	17.28	0.067	0.058	0.053
100	DFT-s-OFDM 64QAM	1	1	16.46	15.62	15.52	0.044	0.036	0.036
100	DFT-s-OFDM 256QAM	1	1	14.72	14.12	13.88	0.030	0.026	0.024
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	17.78	17.05	16.92	0.060	0.051	0.049
100	CP-OFDM 16QAM	1	1	17.47	16.62	16.53	0.056	0.046	0.045
100	CP-OFDM 64QAM	1	1	15.49	14.72	14.59	0.035	0.030	0.029
100	CP-OFDM 256QAM	1	1	12.80	12.45	11.92	0.019	0.018	0.016

DC_66A_n77 (3700MHz-3980MHz)				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	Low Ch./ Freq.	Middle Ch./ Freq.	High Ch. / Freq.	Low Ch. / EIRP	Middle Ch./ EIRP	High Ch. / 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	18.74	18.53	18.40	0.075	0.071	0.069
100		1	136	18.22	18.76	17.75	0.066	0.075	0.060
100		1	272	17.99	17.70	18.11	0.063	0.059	0.065
100		135	1	18.13	18.43	17.08	0.065	0.070	0.051
100		135	67	18.19	18.77	17.36	0.066	0.075	0.054
100		135	136	17.92	17.99	17.18	0.062	0.063	0.052
100		270	0	18.03	18.42	17.30	0.064	0.070	0.054
100	DFT-s-OFDM QPSK	1	1	19.11	18.57	17.44	0.081	0.072	0.055
100		1	136	18.21	18.78	17.70	0.066	0.076	0.059
100		1	272	17.55	17.35	17.72	0.057	0.054	0.059
100		135	1	17.66	17.94	17.10	0.058	0.062	0.051
100		135	67	18.23	18.88	17.53	0.067	0.077	0.057
100		135	136	17.37	17.88	17.35	0.055	0.061	0.054
100		270	0	17.50	17.84	17.18	0.056	0.061	0.052
100	DFT-s-OFDM 16QAM	1	1	18.31	17.65	17.38	0.068	0.058	0.055
100	DFT-s-OFDM 64QAM	1	1	16.31	15.81	15.54	0.043	0.038	0.036
100	DFT-s-OFDM 256QAM	1	1	14.65	14.16	13.97	0.029	0.026	0.025
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	17.88	17.29	16.85	0.061	0.054	0.048
100	CP-OFDM 16QAM	1	1	17.48	16.84	16.57	0.056	0.048	0.045
100	CP-OFDM 64QAM	1	1	15.37	14.80	14.63	0.034	0.030	0.029
100	CP-OFDM 256QAM	1	1	13.17	12.18	11.96	0.021	0.017	0.016

DC_2A_n77 (3450MHz-3550MHz)				Measured EIRP	
BW [MHz]	Modulation	RB Size	RB Offset	MiddleCh./ Freq.	Middle Ch./ EIRP
Channel				633334	633334
Frequency (MHz)				3500.01	3500.01
				dBm	W
100	DFT-s-OFDM PI/2 BPSK	1	1	19.20	0.083
100		1	136	19.39	0.087
100		1	272	19.53	0.090
100		135	1	18.35	0.068
100		135	67	18.65	0.073
100		135	136	18.75	0.075
100		270	0	18.75	0.075
100	DFT-s-OFDM QPSK	1	1	19.70	0.093
100		1	136	19.23	0.084
100		1	272	19.57	0.091
100		135	1	18.73	0.075
100		135	67	18.45	0.070
100		135	136	18.35	0.068
100		270	0	18.36	0.069
100	DFT-s-OFDM 16QAM	1	1	18.38	0.069
100	DFT-s-OFDM 64QAM	1	1	16.73	0.047
100	DFT-s-OFDM 256QAM	1	1	14.75	0.030
Channel				633334	633334
Frequency (MHz)				3500.01	3500.01
100	CP-OFDM QPSK	1	1		
100	CP-OFDM 16QAM	1	1	17.72	0.059
100	CP-OFDM 64QAM	1	1	17.29	0.054
100	CP-OFDM 256QAM	1	1	15.81	0.038

DC_5A_n77 (3450MHz-3550MHz)				Measured EIRP	
BW [MHz]	Modulation	RB Size	RB Offset	MiddleCh./ Freq.	Middle Ch./ EIRP
Channel				633334	633334
Frequency (MHz)				3500.01	3500.01
				dBm	W
100	DFT-s-OFDM PI/2 BPSK	1	1	19.19	0.083
100		1	136	19.29	0.085
100		1	272	19.55	0.090
100		135	1	18.84	0.077
100		135	67	18.55	0.072
100		135	136	18.45	0.070
100		270	0	18.84	0.077
100	DFT-s-OFDM QPSK	1	1	19.56	0.090
100		1	136	19.23	0.084
100		1	272	19.53	0.090
100		135	1	18.74	0.075
100		135	67	18.45	0.070
100		135	136	18.48	0.070
100		270	0	18.38	0.069
100	DFT-s-OFDM 16QAM	1	1	18.17	0.066
100	DFT-s-OFDM 64QAM	1	1	16.70	0.047
100	DFT-s-OFDM 256QAM	1	1	16.77	0.048
Channel				633334	633334
Frequency (MHz)				3500.01	3500.01
100	CP-OFDM QPSK	1	1	17.76	0.060
100	CP-OFDM 16QAM	1	1	17.12	0.052
100	CP-OFDM 64QAM	1	1	15.77	0.038
100	CP-OFDM 256QAM	1	1	15.66	0.037

DC_13A_n77 (3450MHz-3550MHz)				Measured EIRP	
BW [MHz]	Modulation	RB Size	RB Offset	MiddleCh./ Freq.	Middle Ch./ EIRP
Channel				633334	633334
Frequency (MHz)				3500.01	3500.01
				dBm	W
100	DFT-s-OFDM PI/2 BPSK	1	1	19.18	0.083
100		1	136	19.32	0.086
100		1	272	19.60	0.091
100		135	1	18.45	0.070
100		135	67	18.55	0.072
100		135	136	18.48	0.070
100		270	0	18.41	0.069
100	DFT-s-OFDM QPSK	1	1	19.64	0.092
100		1	136	19.25	0.084
100		1	272	19.47	0.089
100		135	1	18.42	0.070
100		135	67	18.41	0.069
100		135	136	18.45	0.070
100		270	0	18.38	0.069
100	DFT-s-OFDM 16QAM	1	1	18.11	0.065
100	DFT-s-OFDM 64QAM	1	1	16.60	0.046
100	DFT-s-OFDM 256QAM	1	1	14.61	0.029
Channel				633334	633334
Frequency (MHz)				3500.01	3500.01
100	CP-OFDM QPSK	1	1	17.75	0.060
100	CP-OFDM 16QAM	1	1	17.13	0.052
100	CP-OFDM 64QAM	1	1	15.69	0.037
100	CP-OFDM 256QAM	1	1	15.72	0.037

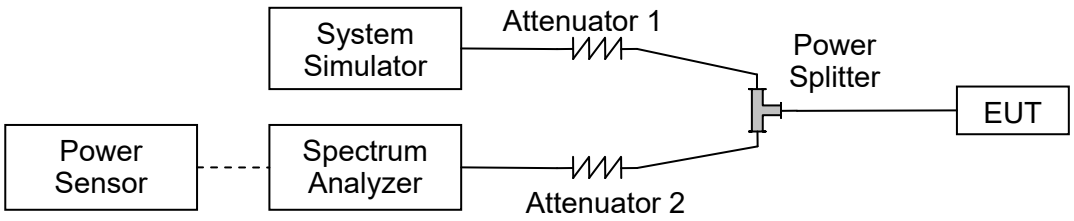
DC_66A_n77 (3450MHz-3550MHz)				Measured EIRP	
BW [MHz]	Modulation	RB Size	RB Offset	MiddleCh./ Freq.	Middle Ch./ EIRP
Channel				633334	633334
Frequency (MHz)				3500.01	3500.01
				dBm	W
100	DFT-s-OFDM PI/2 BPSK	1	1	19.07	0.081
100		1	136	19.33	0.086
100		1	272	19.53	0.090
100		135	1	18.66	0.073
100		135	67	18.61	0.073
100		135	136	18.39	0.069
100		270	0	18.81	0.076
100	DFT-s-OFDM QPSK	1	1	19.55	0.090
100		1	136	19.22	0.084
100		1	272	19.49	0.089
100		135	1	18.53	0.071
100		135	67	18.30	0.068
100		135	136	18.41	0.069
100		270	0	18.45	0.070
100	DFT-s-OFDM 16QAM	1	1	18.11	0.065
100	DFT-s-OFDM 64QAM	1	1	16.72	0.047
100	DFT-s-OFDM 256QAM	1	1	14.59	0.029
Channel				633334	633334
Frequency (MHz)				3500.01	3500.01
100	CP-OFDM QPSK	1	1	17.72	0.059
100	CP-OFDM 16QAM	1	1	17.13	0.052
100	CP-OFDM 64QAM	1	1	15.68	0.037
100	CP-OFDM 256QAM	1	1	15.72	0.037

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

DC 13A_n66					
BW(MHz)	Channel Level	Modulation		99% BW(MHz)	26dB BW(MHz)
5	Low	DFT-s-OFDM	PI/2 BPSK	4.52	4.73
	Low		QPSK	4.52	4.69
	Low		16QAM	4.51	4.68
	Low		64QAM	4.51	4.68
	Low		256QAM	4.52	4.70
	Low	CP-OFDM	QPSK	4.54	4.68
	Mid	DFT-s-OFDM	PI/2 BPSK	4.46	4.69
	Mid		QPSK	4.54	4.72
	Mid		16QAM	4.48	4.70
	Mid		64QAM	4.51	4.65
	Mid		256QAM	4.44	4.66
	Mid	CP-OFDM	QPSK	4.49	4.65
	High	DFT-s-OFDM	PI/2 BPSK	4.47	4.72
	High		QPSK	4.54	4.70
	High		16QAM	4.46	4.65
	High		64QAM	4.44	4.65
	High		256QAM	4.50	4.68
	High	CP-OFDM	QPSK	4.50	4.66
10	Low	DFT-s-OFDM	PI/2 BPSK	9.08	9.40
	Low		QPSK	8.98	9.27
	Low		16QAM	8.91	9.35
	Low		64QAM	8.92	9.34
	Low		256QAM	9.07	9.35
	Low	CP-OFDM	QPSK	9.27	9.68
	Mid	DFT-s-OFDM	PI/2 BPSK	9.08	9.40
	Mid		QPSK	9.11	9.40
	Mid		16QAM	9.10	9.40
	Mid		64QAM	9.08	9.42
	Mid		256QAM	9.02	9.38
	Mid	CP-OFDM	QPSK	9.27	9.68
	High	DFT-s-OFDM	PI/2 BPSK	9.02	9.33
	High		QPSK	9.00	9.36
	High		16QAM	8.99	9.31

	High		64QAM	9.11	9.42
	High		256QAM	9.04	9.30
	High	CP-OFDM	QPSK	9.21	9.60
15	Low	DFT-s-OFDM	PI/2 BPSK	13.59	14.09
	Low		QPSK	13.61	14.03
	Low		16QAM	13.64	14.10
	Low		64QAM	13.25	14.07
	Low		256QAM	13.61	14.02
	Low	CP-OFDM	QPSK	14.00	14.78
	Mid	DFT-s-OFDM	PI/2 BPSK	13.68	14.17
	Mid		QPSK	13.55	14.15
	Mid		16QAM	13.47	14.08
	Mid		64QAM	13.43	14.16
	Mid		256QAM	13.71	14.07
	Mid	CP-OFDM	QPSK	14.32	14.83
	High	DFT-s-OFDM	PI/2 BPSK	13.61	14.09
	High		QPSK	13.50	14.12
	High		16QAM	13.55	14.01
	High		64QAM	13.34	13.87
	High		256QAM	13.43	13.94
	High	CP-OFDM	QPSK	14.34	14.76
20	Low	DFT-s-OFDM	PI/2 BPSK	17.89	18.83
	Low		QPSK	18.14	18.73
	Low		16QAM	17.99	18.74
	Low		64QAM	17.93	18.84
	Low		256QAM	18.13	18.79
	Low	CP-OFDM	QPSK	19.24	19.77
	Mid	DFT-s-OFDM	PI/2 BPSK	18.00	18.75
	Mid		QPSK	18.10	18.74
	Mid		16QAM	18.14	18.76
	Mid		64QAM	18.12	18.68
	Mid		256QAM	18.11	18.69
	Mid	CP-OFDM	QPSK	19.19	19.79
	High	DFT-s-OFDM	PI/2 BPSK	17.97	18.84
	High		QPSK	17.84	18.75
	High		16QAM	18.23	18.81
	High		64QAM	18.10	18.68
	High		256QAM	18.17	18.73

	High	CP-OFDM	QPSK	19.25	19.90

DC 66A_n2					
BW(MHz)	**Channel Level**	**Modulation**		**99% BW(MHz)**	**26dB BW(MHz)**
5	Low	DFT-s-OFDM	PI/2 BPSK	4.52	4.73
	Low		QPSK	4.52	4.69
	Low		16QAM	4.51	4.68
	Low		64QAM	4.51	4.68
	Low		256QAM	4.52	4.70
	Low	CP-OFDM	QPSK	4.54	4.68
	Mid	DFT-s-OFDM	PI/2 BPSK	4.46	4.69
	Mid		QPSK	4.54	4.72
	Mid		16QAM	4.48	4.70
	Mid		64QAM	4.51	4.65
	Mid		256QAM	4.44	4.66
	Mid	CP-OFDM	QPSK	4.49	4.65
	High	DFT-s-OFDM	PI/2 BPSK	4.47	4.72
	High		QPSK	4.54	4.70
	High		16QAM	4.46	4.65
	High		64QAM	4.44	4.65
	High		256QAM	4.50	4.68
	High	CP-OFDM	QPSK	4.50	4.66
10	Low	DFT-s-OFDM	PI/2 BPSK	9.08	9.40
	Low		QPSK	8.98	9.27
	Low		16QAM	8.91	9.35
	Low		64QAM	8.92	9.34
	Low		256QAM	9.07	9.35
	Low	CP-OFDM	QPSK	9.27	9.68
	Mid	DFT-s-OFDM	PI/2 BPSK	9.08	9.40
	Mid		QPSK	9.11	9.40
	Mid		16QAM	9.10	9.40
	Mid		64QAM	9.08	9.42
	Mid		256QAM	9.02	9.38
	Mid	CP-OFDM	QPSK	9.27	9.68
	High	DFT-s-OFDM	PI/2 BPSK	9.02	9.33
	High		QPSK	9.00	9.36
	High		16QAM	8.99	9.31

	High		64QAM	9.11	9.42
	High		256QAM	9.04	9.30
	High	CP-OFDM	QPSK	9.21	9.60
15	Low	DFT-s-OFDM	PI/2 BPSK	13.59	14.09
	Low		QPSK	13.61	14.03
	Low		16QAM	13.64	14.10
	Low		64QAM	13.25	14.07
	Low		256QAM	13.61	14.02
	Low	CP-OFDM	QPSK	14.00	14.78
	Mid	DFT-s-OFDM	PI/2 BPSK	13.68	14.17
	Mid		QPSK	13.55	14.15
	Mid		16QAM	13.47	14.08
	Mid		64QAM	13.43	14.16
	Mid		256QAM	13.71	14.07
	Mid	CP-OFDM	QPSK	14.32	14.83
	High	DFT-s-OFDM	PI/2 BPSK	13.61	14.09
	High		QPSK	13.50	14.12
	High		16QAM	13.55	14.01
	High		64QAM	13.34	13.87
	High		256QAM	13.43	13.94
	High	CP-OFDM	QPSK	14.34	14.76
20	Low	DFT-s-OFDM	PI/2 BPSK	17.89	18.83
	Low		QPSK	18.14	18.73
	Low		16QAM	17.99	18.74
	Low		64QAM	17.93	18.84
	Low		256QAM	18.13	18.79
	Low	CP-OFDM	QPSK	19.24	19.77
	Mid	DFT-s-OFDM	PI/2 BPSK	18.00	18.75
	Mid		QPSK	18.10	18.74
	Mid		16QAM	18.14	18.76
	Mid		64QAM	18.12	18.68
	Mid		256QAM	18.11	18.69
	Mid	CP-OFDM	QPSK	19.19	19.79
	High	DFT-s-OFDM	PI/2 BPSK	17.97	18.84
	High		QPSK	17.84	18.75
	High		16QAM	18.23	18.81
	High		64QAM	18.10	18.68
	High		256QAM	18.17	18.73

	High	CP-OFDM	QPSK	19.25	19.90

DC 66A_n5					
BW(MHz)	**Channel Level**	**Modulation**		**99% BW(MHz)**	**26dB BW(MHz)**
5	Low	DFT-s-OFDM	PI/2 BPSK	4.46	4.74
	Low		QPSK	4.53	4.72
	Low		16QAM	4.51	4.69
	Low		64QAM	4.52	4.69
	Low		256QAM	4.50	4.69
	Low	CP-OFDM	QPSK	4.46	4.71
	Mid	DFT-s-OFDM	PI/2 BPSK	4.46	4.68
	Mid		QPSK	4.51	4.77
	Mid		16QAM	4.48	4.68
	Mid		64QAM	4.53	4.73
	Mid		256QAM	4.50	4.67
	Mid	CP-OFDM	QPSK	4.53	4.70
	High	DFT-s-OFDM	PI/2 BPSK	4.56	4.79
	High		QPSK	4.47	4.73
	High		16QAM	4.52	4.73
	High		64QAM	4.44	4.63
	High		256QAM	4.52	4.65
	High	CP-OFDM	QPSK	4.49	4.71
10	Low	DFT-s-OFDM	PI/2 BPSK	8.99	9.35
	Low		QPSK	9.08	9.41
	Low		16QAM	9.10	9.39
	Low		64QAM	9.09	9.38
	Low		256QAM	8.84	9.24
	Low	CP-OFDM	QPSK	9.31	9.70
	Mid	DFT-s-OFDM	PI/2 BPSK	9.05	9.39
	Mid		QPSK	9.09	9.44
	Mid		16QAM	8.99	9.36
	Mid		64QAM	8.92	9.42
	Mid		256QAM	9.05	9.39
	Mid	CP-OFDM	QPSK	9.31	9.73
	High	DFT-s-OFDM	PI/2 BPSK	9.02	9.40
	High		QPSK	8.97	9.37
	High		16QAM	9.09	9.42

	High		64QAM	9.04	9.33
	High		256QAM	8.94	9.26
	High	CP-OFDM	QPSK	9.34	9.66
15	Low	DFT-s-OFDM	PI/2 BPSK	13.58	14.01
	Low		QPSK	13.41	14.13
	Low		16QAM	13.47	14.26
	Low		64QAM	13.44	13.85
	Low		256QAM	13.43	13.91
	Low	CP-OFDM	QPSK	14.33	14.89
	Mid	DFT-s-OFDM	PI/2 BPSK	13.34	14.09
	Mid		QPSK	13.68	14.11
	Mid		16QAM	13.51	14.01
	Mid		64QAM	13.42	14.15
	Mid		256QAM	13.63	14.08
	Mid	CP-OFDM	QPSK	14.31	14.83
	High	DFT-s-OFDM	PI/2 BPSK	13.39	14.01
	High		QPSK	13.61	14.11
	High		16QAM	13.58	14.10
	High		64QAM	13.64	14.07
	High		256QAM	13.46	14.13
	High	CP-OFDM	QPSK	14.02	14.57
20	Low	DFT-s-OFDM	PI/2 BPSK	17.91	18.81
	Low		QPSK	18.10	18.66
	Low		16QAM	18.03	18.59
	Low		64QAM	18.08	18.73
	Low		256QAM	18.16	18.79
	Low	CP-OFDM	QPSK	19.26	19.84
	Mid	DFT-s-OFDM	PI/2 BPSK	18.05	18.72
	Mid		QPSK	18.11	18.72
	Mid		16QAM	18.07	18.77
	Mid		64QAM	18.06	18.68
	Mid		256QAM	18.07	18.71
	Mid	CP-OFDM	QPSK	19.24	19.79
	High	DFT-s-OFDM	PI/2 BPSK	18.14	18.76
	High		QPSK	18.06	18.62
	High		16QAM	18.17	18.8
	High		64QAM	18.04	18.54
	High		256QAM	18.09	18.76

	High	CP-OFDM	QPSK	19.09	19.79

DC 2A_n77 (3700MHz-3980MHz)					
BW(MHz)	**Channel Level**	**Modulation**		**99% BW(MHz)**	**26dB BW(MHz)**
100	Low	DFT-s-OFDM	PI/2 BPSK	98.19	101.0
	Low		QPSK	97.78	100.3
	Low		16QAM	97.81	100.7
	Low		64QAM	97.92	100.6
	Low		256QAM	97.48	100.6
	Low	CP-OFDM	QPSK	98.37	100.6
	Mid	DFT-s-OFDM	PI/2 BPSK	96.70	100.4
	Mid		QPSK	97.66	100.7
	Mid		16QAM	97.50	100.5
	Mid		64QAM	97.91	100.9
	Mid		256QAM	97.81	100.6
	Mid	CP-OFDM	QPSK	98.85	101.6
	High	DFT-s-OFDM	PI/2 BPSK	98.36	101.2
	High		QPSK	97.00	101.3
	High		16QAM	97.79	100.5
	High		64QAM	98.50	100.8
	High		256QAM	97.56	99.98
	High	CP-OFDM	QPSK	98.26	101.9

DC 2A_n77 (3450MHz-3550MHz)					
BW(MHz)	**Channel Level**	**Modulation**		**99% BW(MHz)**	**26dB BW(MHz)**
100	Mid	DFT-s-OFDM	PI/2 BPSK	97.12	98.96
	Mid		QPSK	96.37	98.22
	Mid		16QAM	97.32	99.38
	Mid		64QAM	96.47	99.44
	Mid		256QAM	96.22	98.67
	Mid	CP-OFDM	QPSK	97.98	100.2

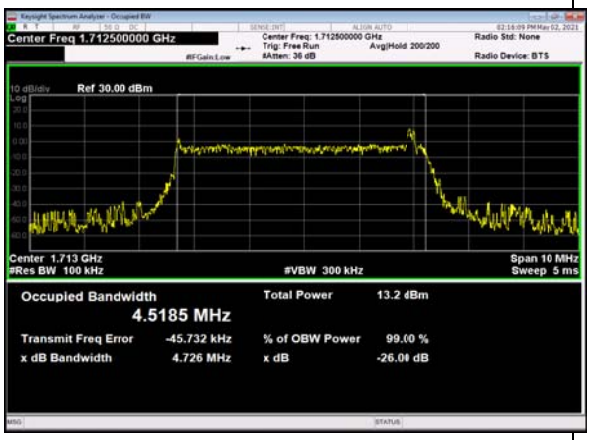
DC 66A_n41					
BW(MHz)	Channel Level	Modulation		99% BW(MHz)	26dB BW(MHz)
20	Low	DFT-s-OFDM	PI/2 BPSK	17.947	18.42
	Low		QPSK	17.941	18.41
	Low		16QAM	17.958	18.45
	Low		64QAM	17.855	18.39
	Low		256QAM	17.938	18.39
	Low	CP-OFDM	QPSK	18.166	18.69
	Mid	DFT-s-OFDM	PI/2 BPSK	17.942	18.36
	Mid		QPSK	17.958	18.37
	Mid		16QAM	17.796	18.37
	Mid		64QAM	17.956	18.4
	Mid		256QAM	17.809	18.24
	Mid	CP-OFDM	QPSK	18.103	18.74
	High	DFT-s-OFDM	PI/2 BPSK	17.942	18.39
	High		QPSK	17.887	18.39
	High		16QAM	17.83	18.22
	High		64QAM	17.963	18.41
	High		256QAM	17.97	18.4
	High	CP-OFDM	QPSK	18.382	18.84
40	Low	DFT-s-OFDM	PI/2 BPSK	35.862	36.74
	Low		QPSK	35.981	36.77
	Low		16QAM	35.863	36.82
	Low		64QAM	35.684	36.65
	Low		256QAM	35.834	36.84
	Low	CP-OFDM	QPSK	38.182	38.98
	Mid	DFT-s-OFDM	PI/2 BPSK	35.993	36.79
	Mid		QPSK	35.663	36.58
	Mid		16QAM	35.928	36.8
	Mid		64QAM	36.119	36.86
	Mid		256QAM	35.618	36.62
	Mid	CP-OFDM	QPSK	37.889	38.98
	High	DFT-s-OFDM	PI/2 BPSK	36.033	36.85
	High		QPSK	35.726	36.74
	High		16QAM	35.869	36.77
	High		64QAM	35.816	37.14
	High		256QAM	36.021	36.74

	High	CP-OFDM	QPSK	38.069	38.97
60	Low	DFT-s-OFDM	PI/2 BPSK	58.141	59.42
	Low		QPSK	58.158	59.35
	Low		16QAM	58.305	59.46
	Low		64QAM	58.199	59.45
	Low		256QAM	58.246	59.45
	Low	CP-OFDM	QPSK	57.198	58.75
	Mid	DFT-s-OFDM	PI/2 BPSK	58.357	59.53
	Mid		QPSK	58.421	59.55
	Mid		16QAM	58.375	59.45
	Mid		64QAM	57.838	59.11
	Mid		256QAM	58.178	59.41
	Mid	CP-OFDM	QPSK	58.354	59.49
	High	DFT-s-OFDM	PI/2 BPSK	58.147	59.26
	High		QPSK	58.277	59.52
	High		16QAM	58.243	59.53
	High		64QAM	58.253	59.33
	High		256QAM	58.17	59.34
	High	CP-OFDM	QPSK	57.974	59.14
100	Low	DFT-s-OFDM	PI/2 BPSK	97.047	98.87
	Low		QPSK	96.872	99.04
	Low		16QAM	96.875	98.77
	Low		64QAM	96.695	99.07
	Low		256QAM	97.011	99.13
	Low	CP-OFDM	QPSK	97.677	99.93
	Mid	DFT-s-OFDM	PI/2 BPSK	96.341	99.46
	Mid		QPSK	96.848	99.21
	Mid		16QAM	96.984	99.22
	Mid		64QAM	96.911	98.87
	Mid		256QAM	96.454	99.74
	Mid	CP-OFDM	QPSK	97.987	100
	High	DFT-s-OFDM	PI/2 BPSK	96.875	98.99
	High		QPSK	96.928	98.79
	High		16QAM	96.889	99.03
	High		64QAM	96.951	98.98
	High		256QAM	96.812	98.89
	High	CP-OFDM	QPSK	97.703	99.7

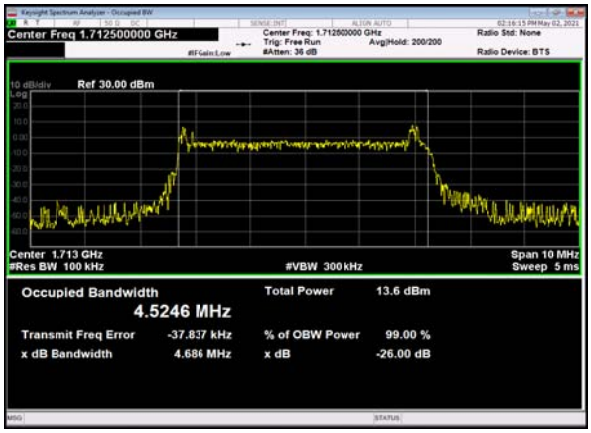
DC 66A_n71					
BW(MHz)	Channel Level	Modulation		99% BW(MHz)	26dB BW(MHz)
5	Low	DFT-s-OFDM	PI/2 BPSK	4.5013	4.633
	Low		QPSK	4.4916	4.667
	Low		16QAM	4.4892	4.661
	Low		64QAM	4.4869	4.639
	Low		256QAM	4.4848	4.642
	Low	CP-OFDM	QPSK	4.4744	4.614
	Mid	DFT-s-OFDM	PI/2 BPSK	4.4929	4.61
	Mid		QPSK	4.4698	4.648
	Mid		16QAM	4.489	4.634
	Mid		64QAM	4.4922	4.642
	Mid		256QAM	4.4958	4.598
	Mid	CP-OFDM	QPSK	4.4418	4.609
	High	DFT-s-OFDM	PI/2 BPSK	4.4876	4.616
	High		QPSK	4.48	4.631
	High		16QAM	4.4662	4.623
	High		64QAM	4.4728	4.606
	High		256QAM	4.4835	4.616
	High	CP-OFDM	QPSK	4.4813	4.616
10	Low	DFT-s-OFDM	PI/2 BPSK	8.9158	9.159
	Low		QPSK	8.9546	9.231
	Low		16QAM	8.9297	9.206
	Low		64QAM	8.9316	9.188
	Low		256QAM	8.954	9.17
	Low	CP-OFDM	QPSK	9.2996	9.575
	Mid	DFT-s-OFDM	PI/2 BPSK	8.9539	9.192
	Mid		QPSK	8.9583	9.188
	Mid		16QAM	8.9648	9.206
	Mid		64QAM	8.9933	9.197
	Mid		256QAM	8.9613	9.203
	Mid	CP-OFDM	QPSK	9.311	9.557
	High	DFT-s-OFDM	PI/2 BPSK	8.8774	9.312
	High		QPSK	8.9371	9.187
	High		16QAM	8.9569	9.363
	High		64QAM	8.9555	9.196
	High		256QAM	8.9664	9.5

	High	CP-OFDM	QPSK	9.3366	9.82
15	Low	DFT-s-OFDM	PI/2 BPSK	13.462	13.81
	Low		QPSK	13.495	13.94
	Low		16QAM	13.477	13.88
	Low		64QAM	13.422	13.8
	Low		256QAM	13.486	13.87
	Low	CP-OFDM	QPSK	14.174	14.52
	Mid	DFT-s-OFDM	PI/2 BPSK	13.447	13.87
	Mid		QPSK	13.39	13.87
	Mid		16QAM	13.443	13.89
	Mid		64QAM	13.455	13.82
	Mid		256QAM	13.464	13.79
	Mid	CP-OFDM	QPSK	14.147	14.53
	High	DFT-s-OFDM	PI/2 BPSK	13.381	13.76
	High		QPSK	13.493	14.27
	High		16QAM	13.448	13.8
	High		64QAM	13.479	13.8
	High		256QAM	13.425	14.27
	High	CP-OFDM	QPSK	14.207	14.55
20	Low	DFT-s-OFDM	PI/2 BPSK	17.989	18.42
	Low		QPSK	17.959	18.41
	Low		16QAM	18.034	18.45
	Low		64QAM	17.922	18.33
	Low		256QAM	17.927	18.36
	Low	CP-OFDM	QPSK	19.047	19.45
	Mid	DFT-s-OFDM	PI/2 BPSK	18	18.41
	Mid		QPSK	17.907	18.33
	Mid		16QAM	17.929	18.48
	Mid		64QAM	18.002	18.42
	Mid		256QAM	17.986	18.4
	Mid	CP-OFDM	QPSK	18.78	19.51
	High	DFT-s-OFDM	PI/2 BPSK	17.988	18.42
	High		QPSK	17.938	18.41
	High		16QAM	17.933	18.4
	High		64QAM	17.937	18.4
	High		256QAM	17.982	18.79
	High	CP-OFDM	QPSK	19.017	19.52

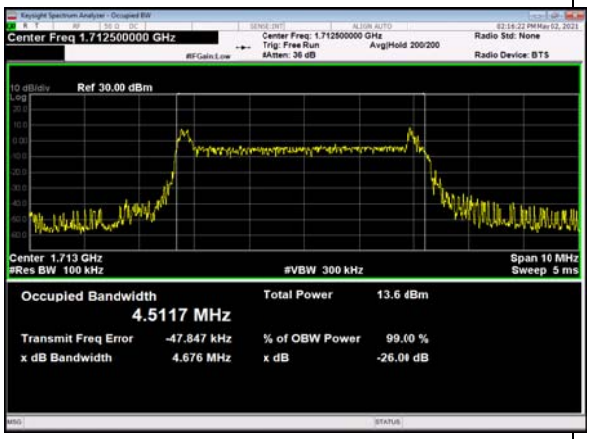
B13_n66(5M)_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Low_CH



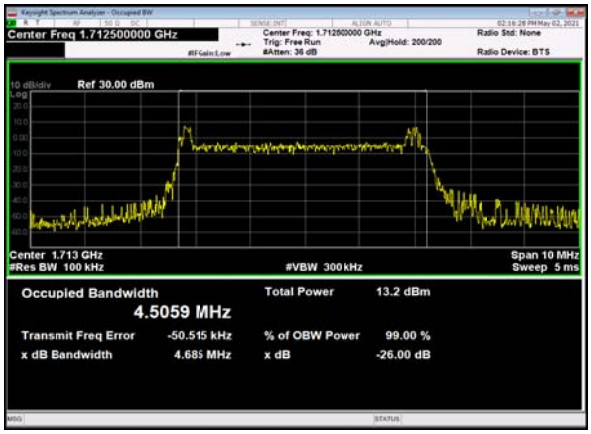
B13_n66(5M)_DFT-s-OFDM_QPSK_ Outer_Full_Low_CH



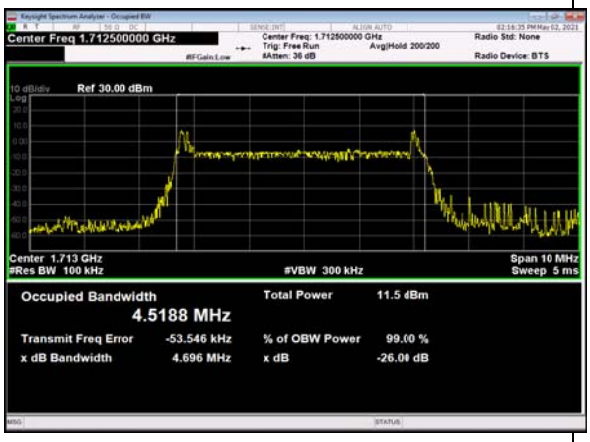
B13_n66(5M)_DFT-s-OFDM_16 QAM_Outer_Full_Low_CH



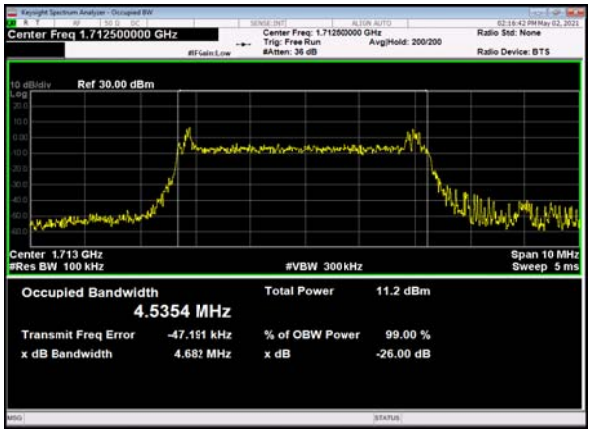
B13_n66(5M)_DFT-s-OFDM_64 QAM_Outer_Full_Low_CH



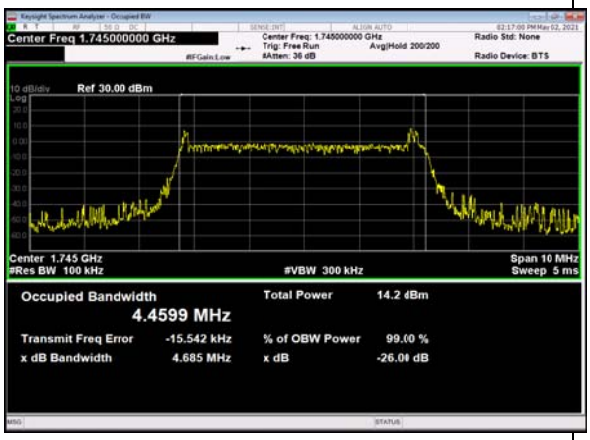
B13_n66(5M)_DFT-s-OFDM_256 QAM_Outer_Full_Low_CH



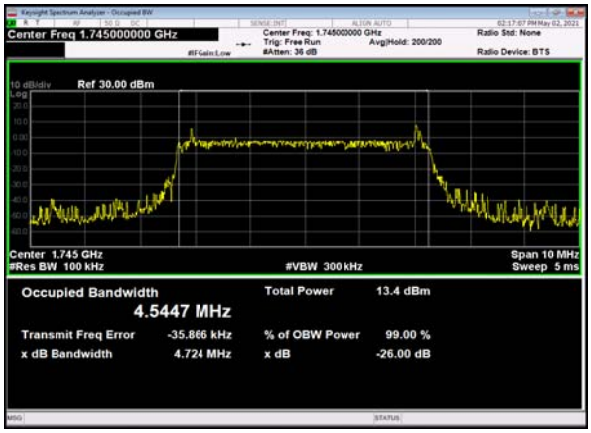
B13_n66(5M)_CP-OFDM_QPSK_ Outer_Full_Low_CH



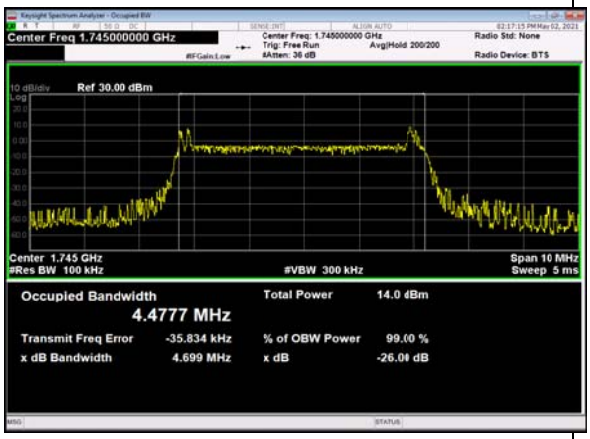
B13_n66(5M)_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH



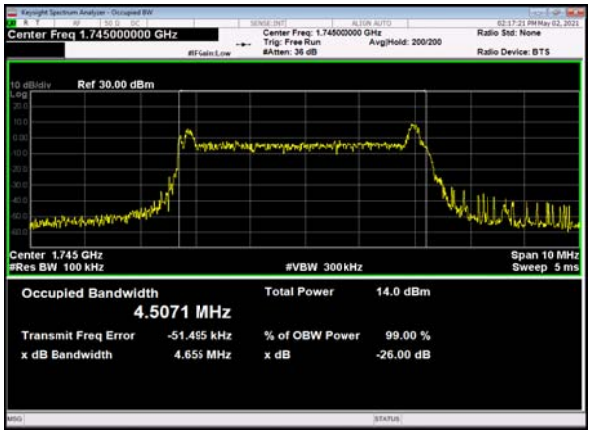
B13_n66(5M)_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH



B13_n66(5M)_DFT-s-OFDM_16 QAM_Outer_Full_Mid_CH

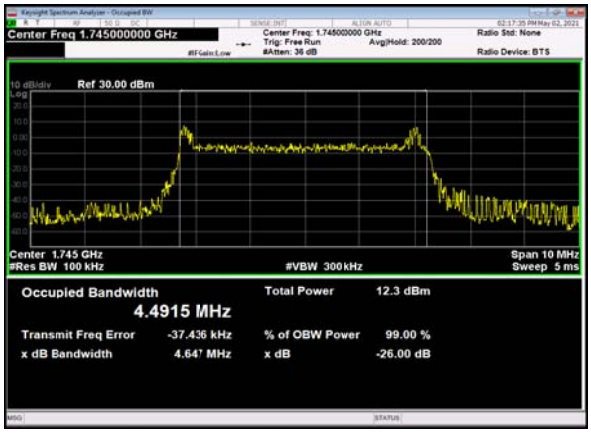


B13_n66(5M)_DFT-s-OFDM_64 QAM_Outer_Full_Mid_CH

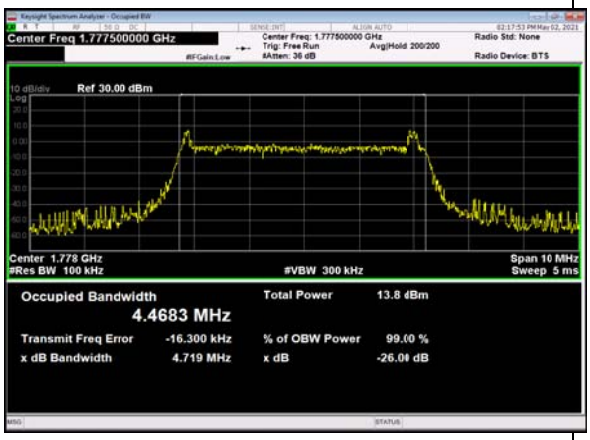


B13_n66(5M)_DFT-s-OFDM_256 QAM_Outer_Full_Mid_CH

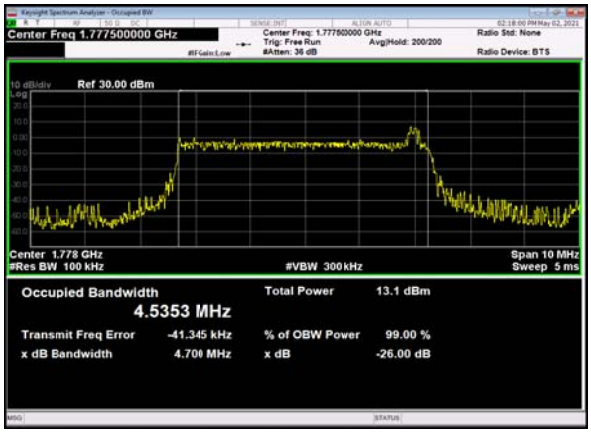
B13_n66(5M)_CP-OFDM_QPSK_ Outer_Full_Mid_CH



B13_n66(5M)_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_High_CH

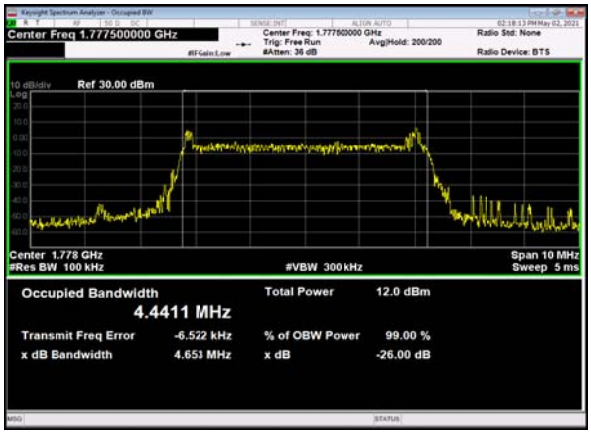


B13_n66(5M)_DFT-s-OFDM_QPSK_ Outer_Full_High_CH

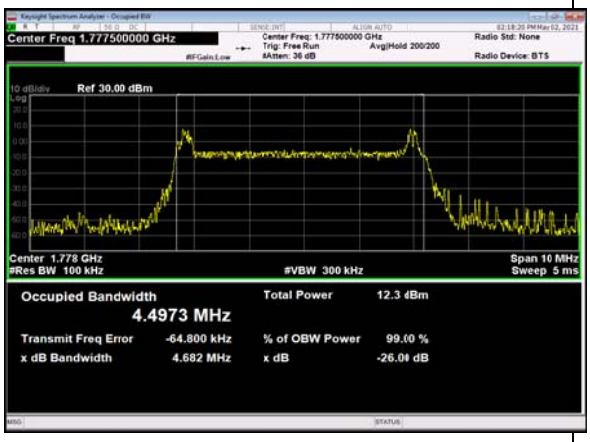


B13_n66(5M)_DFT-s-OFDM_16 QAM_Outer_Full_High_CH

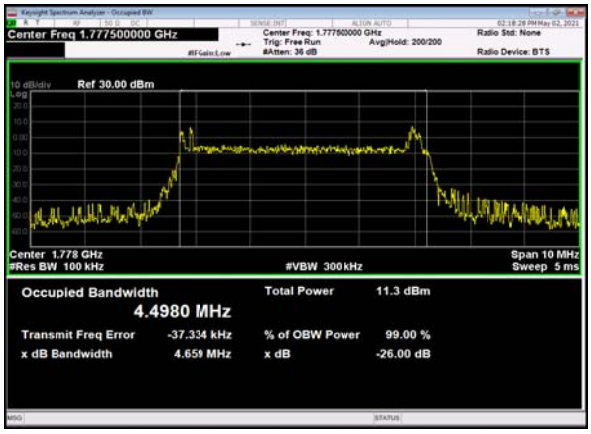
B13_n66(5M)_DFT-s-OFDM_64 QAM_Outer_Full_High_CH



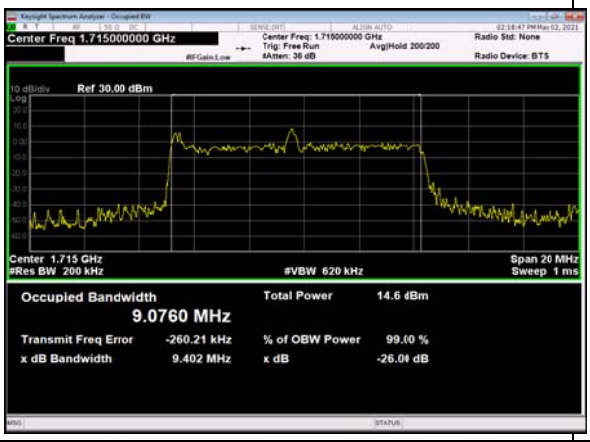
B13_n66(5M)_DFT-s-OFDM_256 QAM_Outer_Full_High_CH



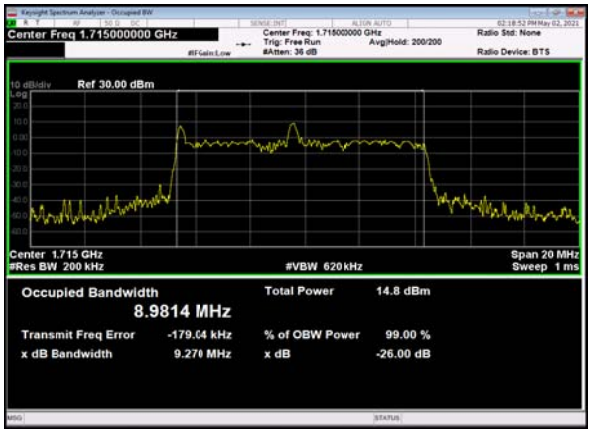
B13_n66(5M)_CP-OFDM_QPSK_ Outer_Full_High_CH



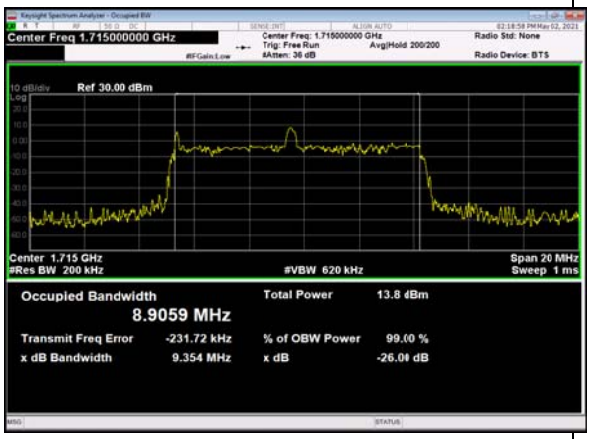
B13_n66(10M)_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Low_CH



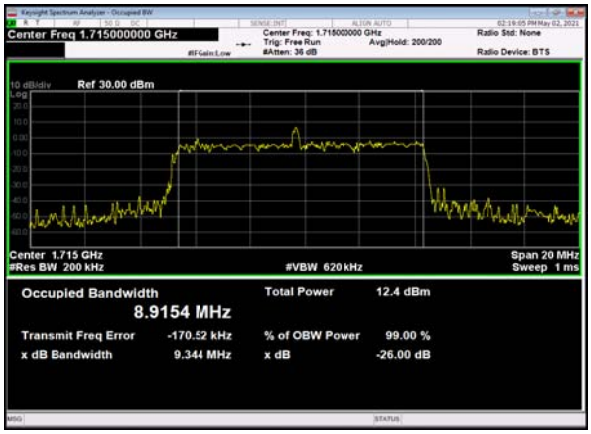
B13_n66(10M)_DFT-s-OFDM_QPSK_ Outer_Full_Low_CH



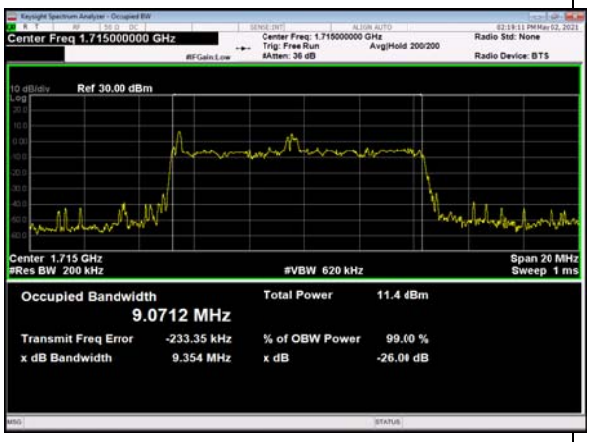
B13_n66(10M)_DFT-s-OFDM_16 QAM_Outer_Full_Low_CH



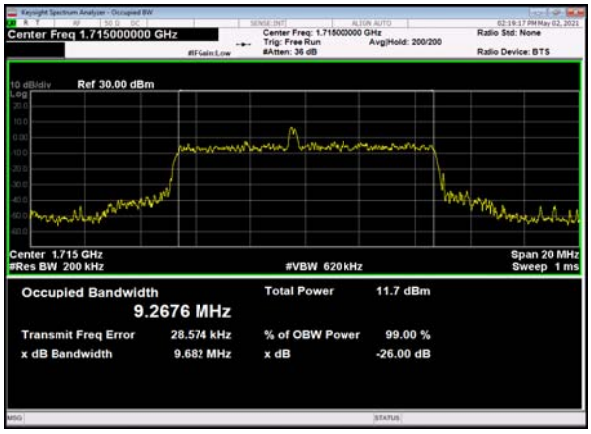
B13_n66(10M)_DFT-s-OFDM_64 QAM_Outer_Full_Low_CH



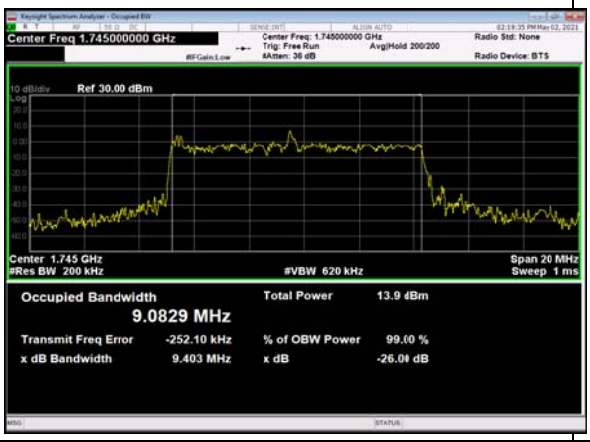
B13_n66(10M)_DFT-s-OFDM_256 QAM_Outer_Full_Low_CH



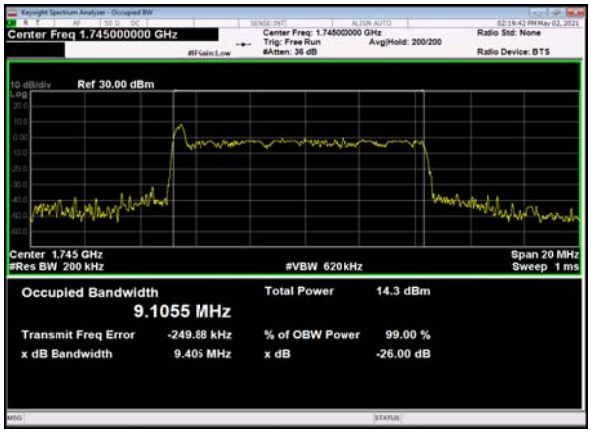
B13_n66(10M)_CP-OFDM_QPSK_ Outer_Full_Low_CH



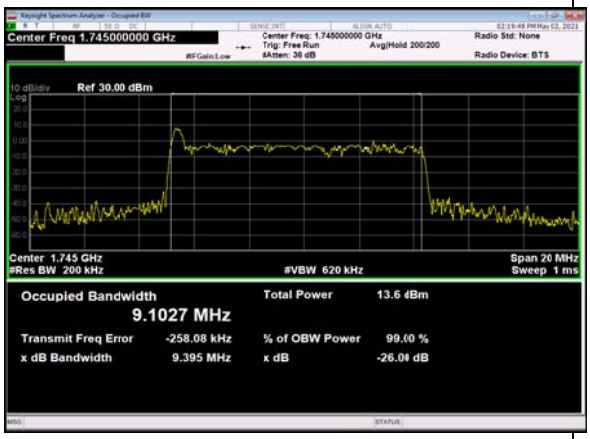
B13_n66(10M)_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH



B13_n66(10M)_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH



B13_n66(10M)_DFT-s-OFDM_16 QAM_Outer_Full_Mid_CH



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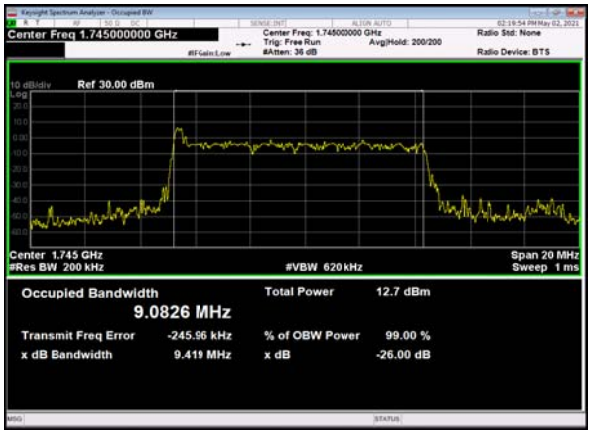
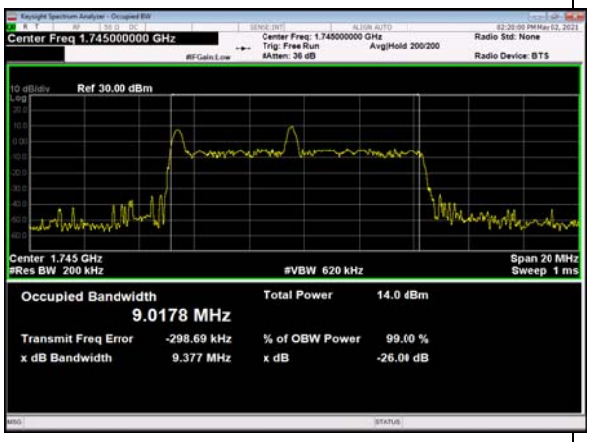
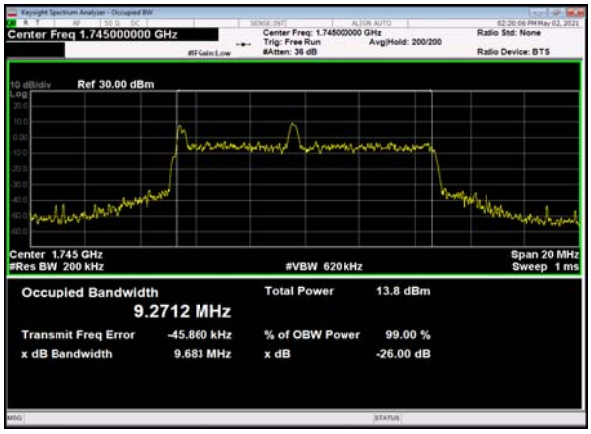


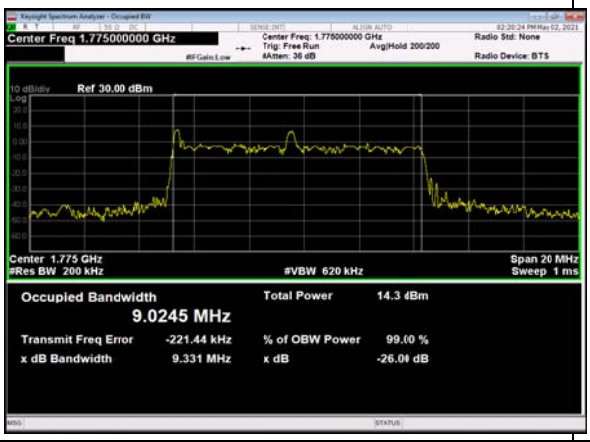
B13_n66(10M)_DFT-s-OFDM_256 QAM_Outer_Full_Mid_CH



B13_n66(10M)_CP-OFDM_QPSK_ Outer_Full_Mid_CH



B13_n66(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



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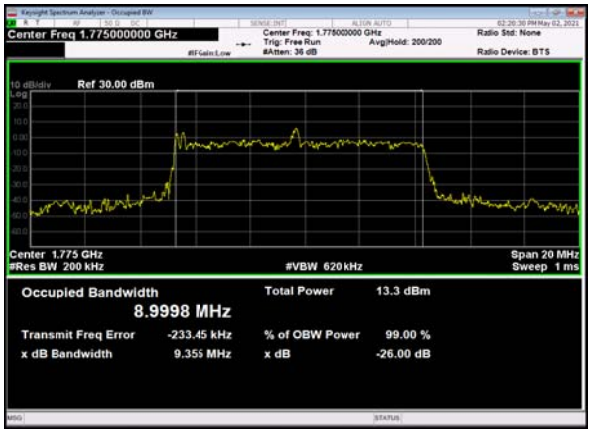
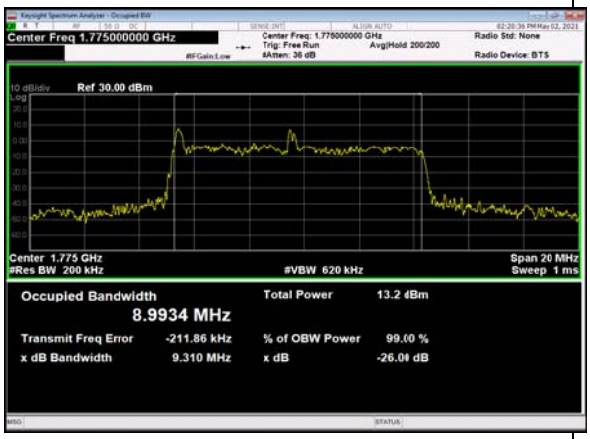


B13_n66(10M)_DFT-s-OFDM_16QAM_Outer_Full_High_CH



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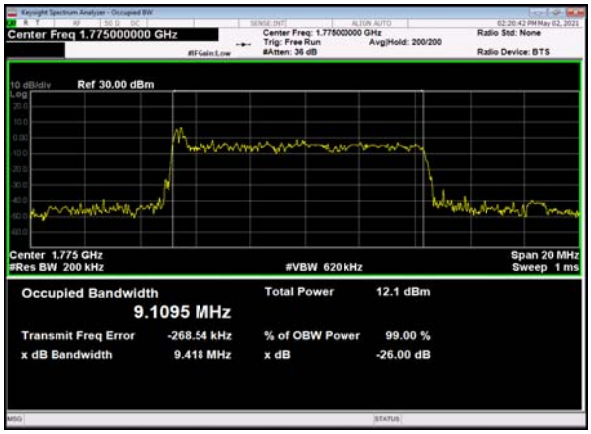
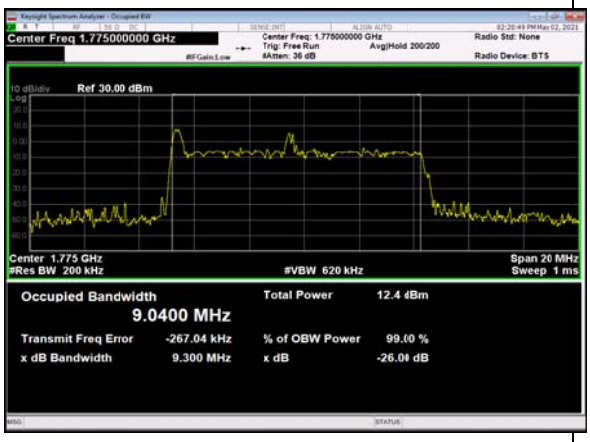
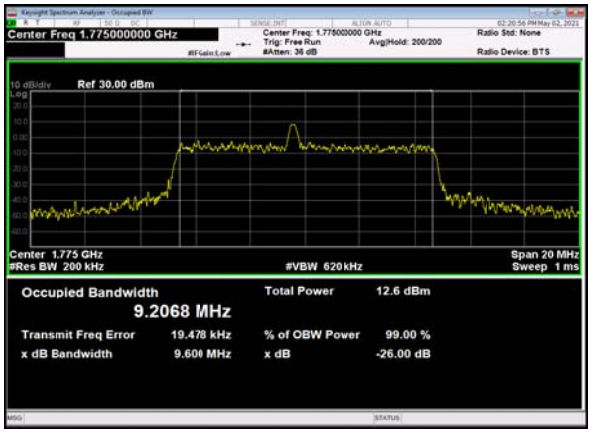


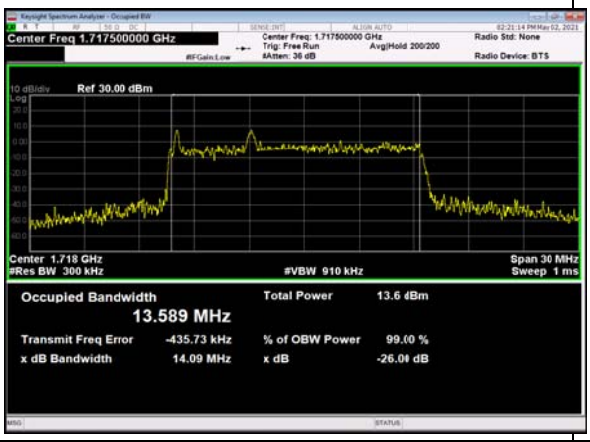
B13_n66(10M)_DFT-s-OFDM_256QAM_Outer_Full_High_CH



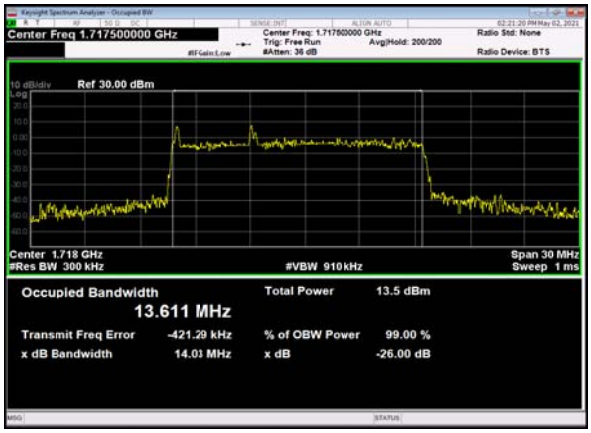
B13_n66(10M)_CP-OFDM_QPSK_Outer_Full_High_CH



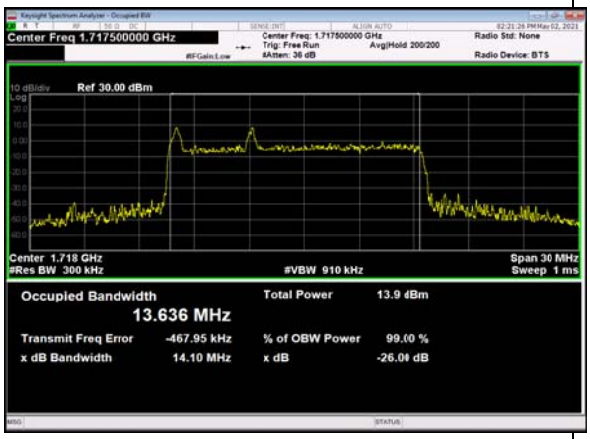
B13_n66(15M)_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Low_CH



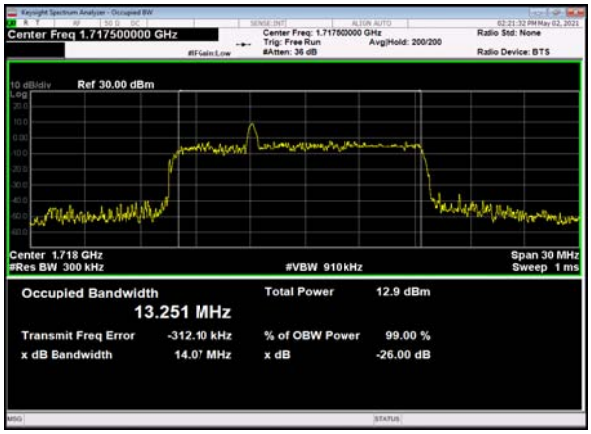
B13_n66(15M)_DFT-s-OFDM_QPSK_ Outer_Full_Low_CH



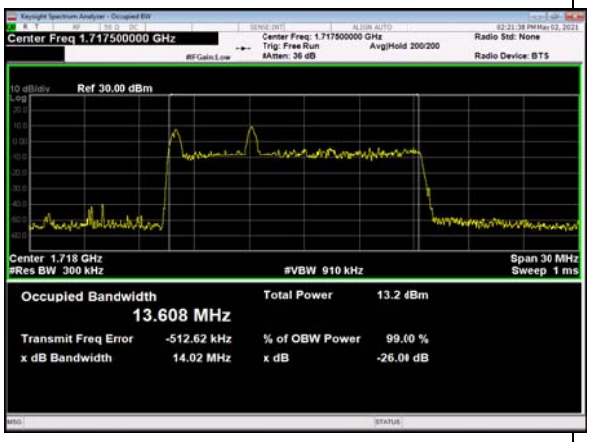
B13_n66(15M)_DFT-s-OFDM_16 QAM_Outer_Full_Low_CH



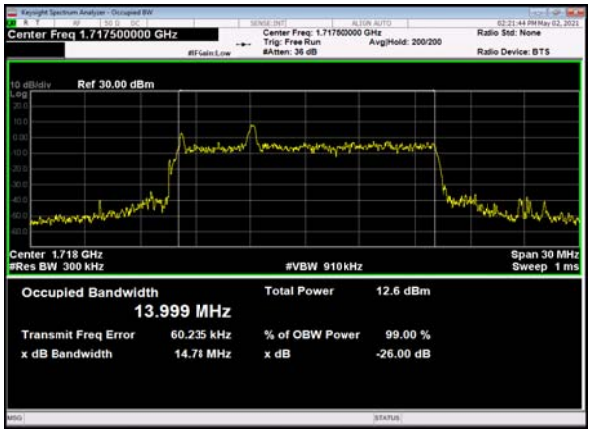
B13_n66(15M)_DFT-s-OFDM_64 QAM_Outer_Full_Low_CH



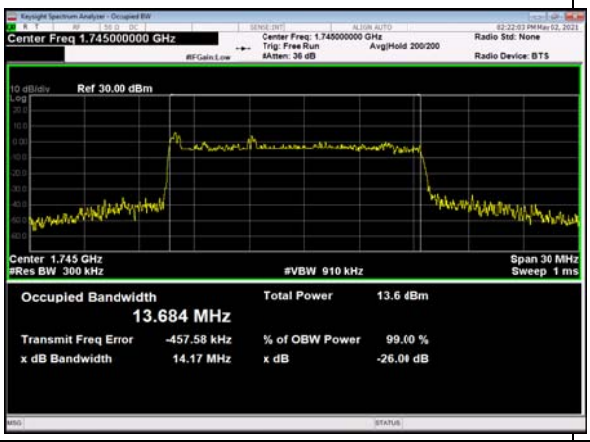
B13_n66(15M)_DFT-s-OFDM_256 QAM_Outer_Full_Low_CH



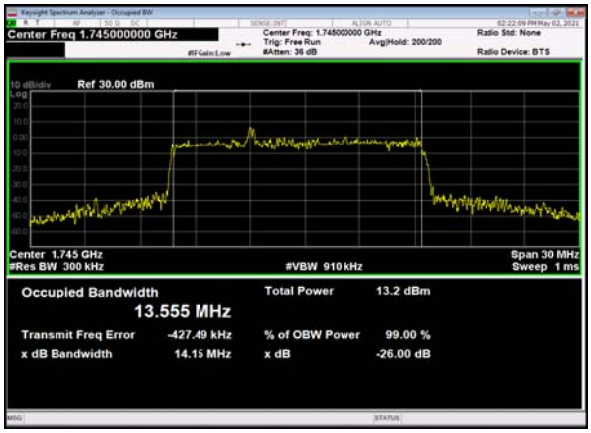
B13_n66(15M)_CP-OFDM_QPSK_ Outer_Full_Low_CH



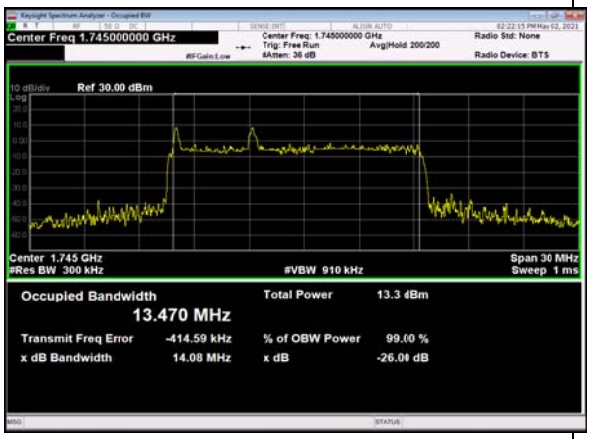
B13_n66(15M)_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH



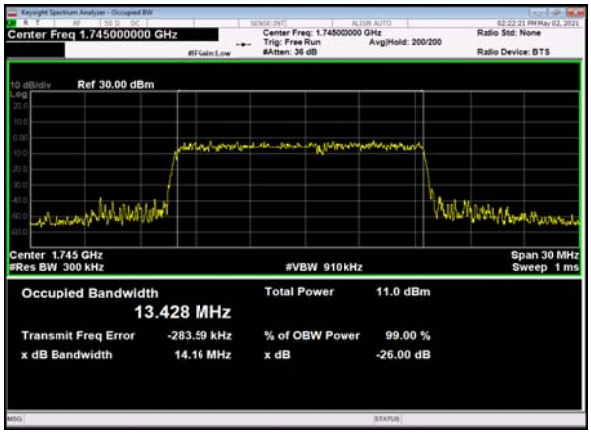
B13_n66(15M)_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH



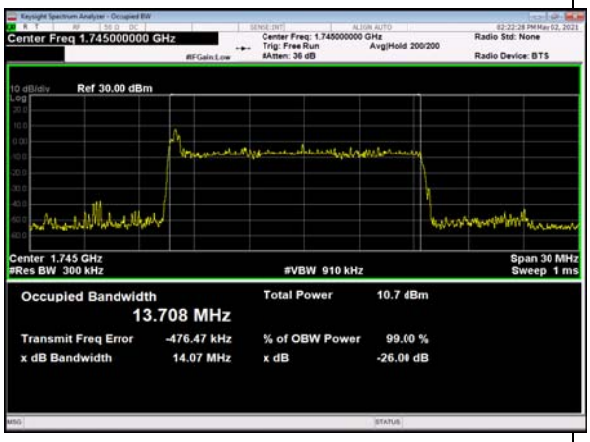
B13_n66(15M)_DFT-s-OFDM_16 QAM_Outer_Full_Mid_CH



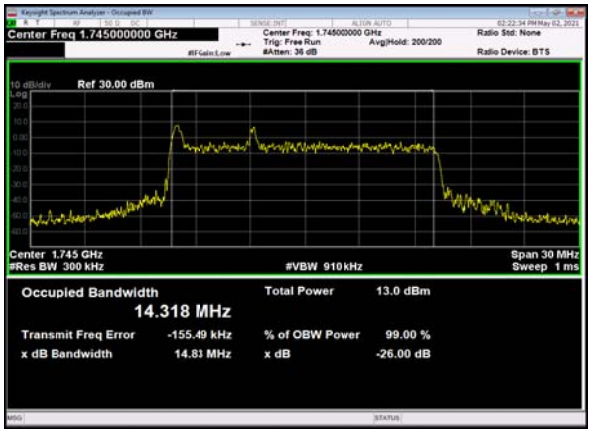
B13_n66(15M)_DFT-s-OFDM_64 QAM_Outer_Full_Mid_CH



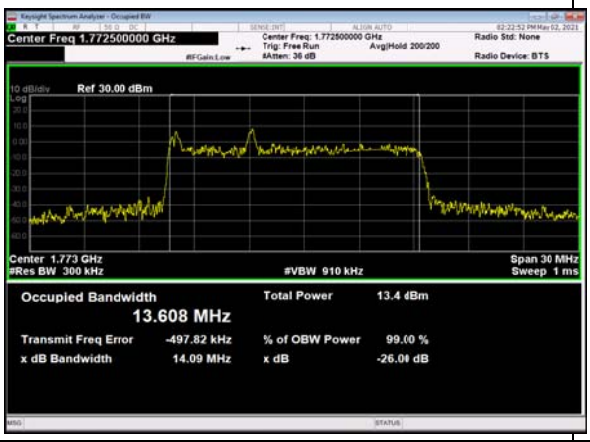
B13_n66(15M)_DFT-s-OFDM_256 QAM_Outer_Full_Mid_CH



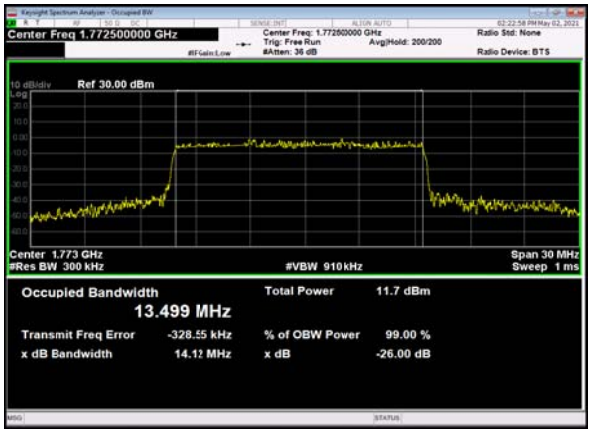
B13_n66(15M)_CP-OFDM_QPSK_ Outer_Full_Mid_CH



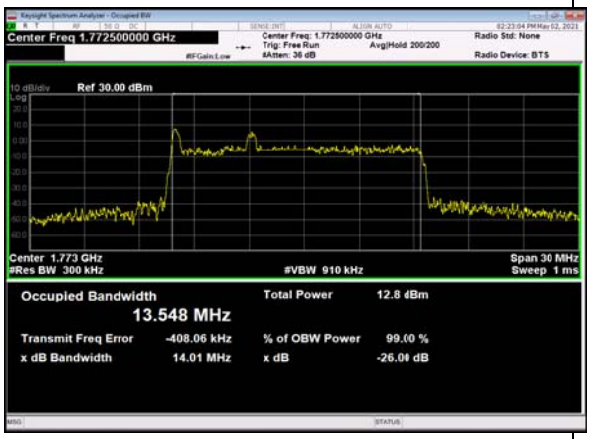
B13_n66(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



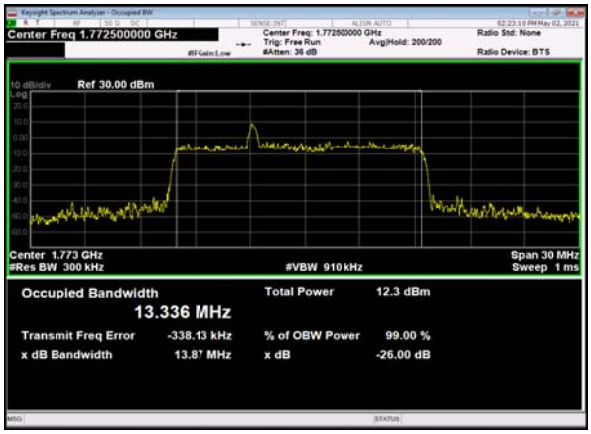
B13_n66(15M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



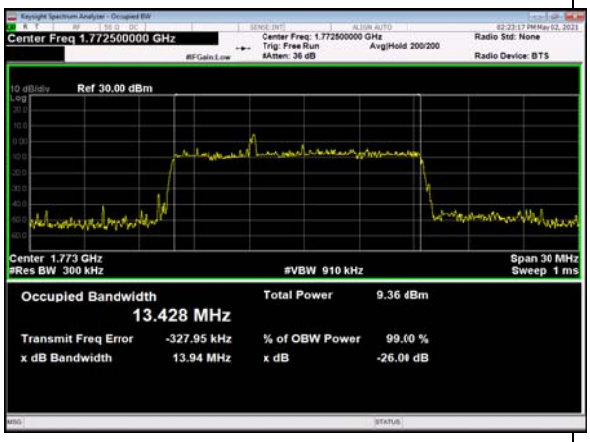
B13_n66(15M)_DFT-s-OFDM_16QAM_Outer_Full_High_CH



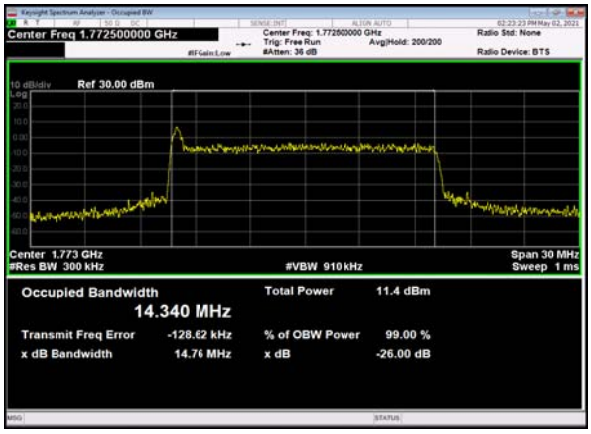
B13_n66(15M)_DFT-s-OFDM_64QAM_Outer_Full_High_CH



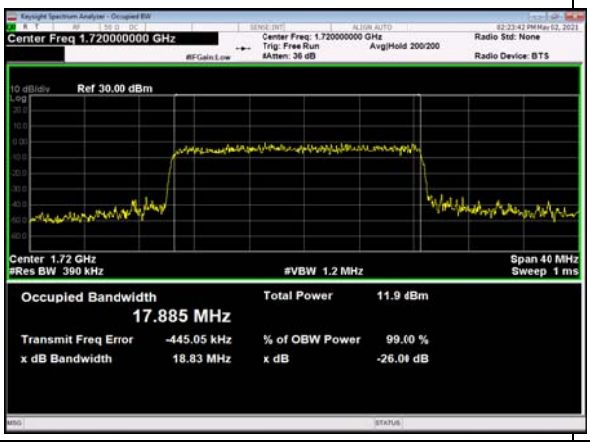
B13_n66(15M)_DFT-s-OFDM_256QAM_Outer_Full_High_CH



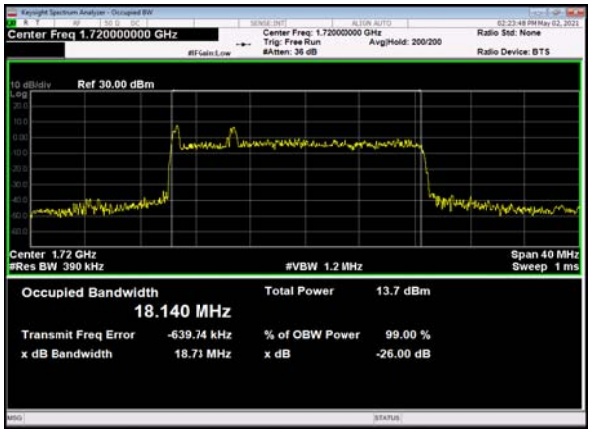
B13_n66(15M)_CP-OFDM_QPSK_Outer_Full_High_CH



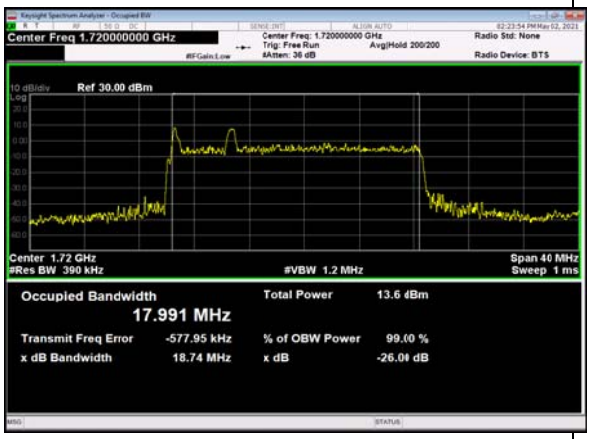
B13_n66(20M)_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Low_CH



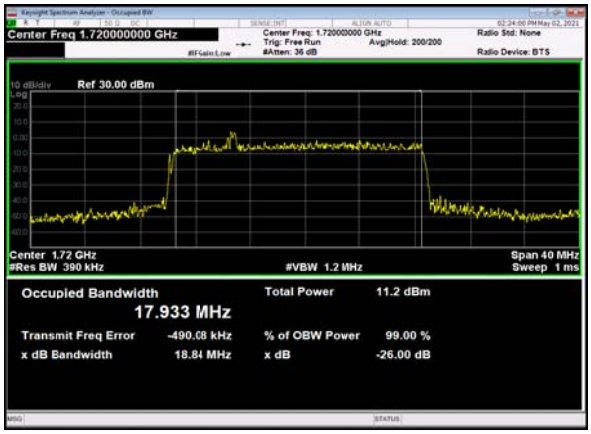
B13_n66(20M)_DFT-s-OFDM_QPSK_ Outer_Full_Low_CH



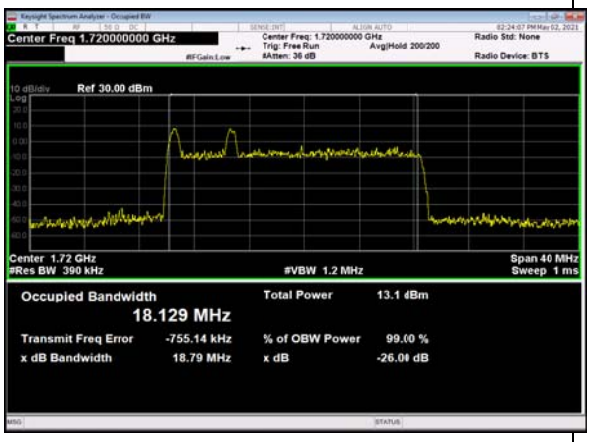
B13_n66(20M)_DFT-s-OFDM_16 QAM_Outer_Full_Low_CH



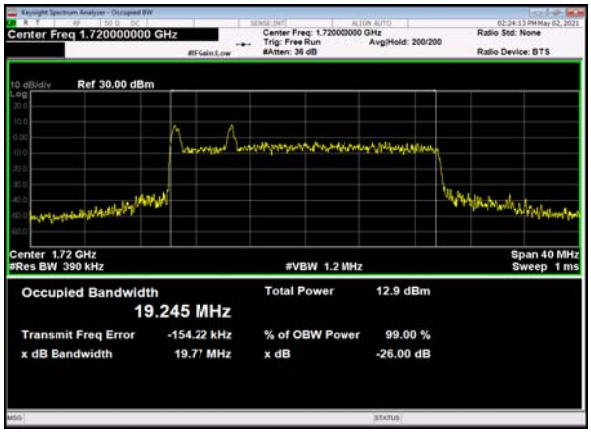
B13_n66(20M)_DFT-s-OFDM_64 QAM_Outer_Full_Low_CH



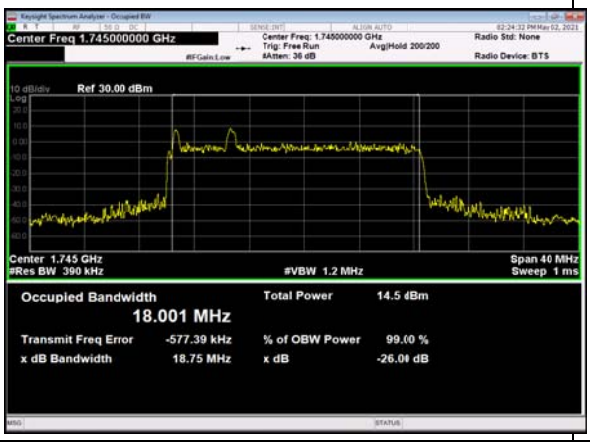
B13_n66(20M)_DFT-s-OFDM_256 QAM_Outer_Full_Low_CH



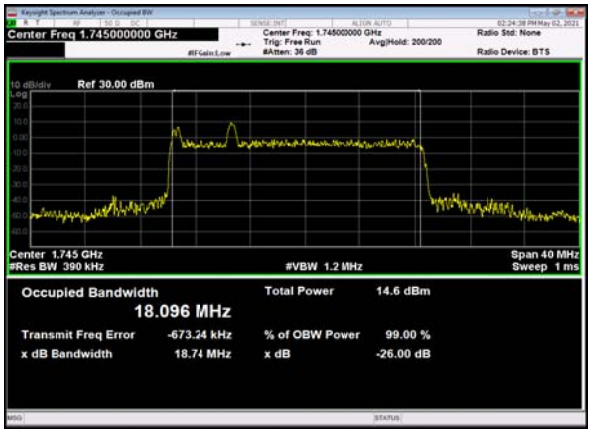
B13_n66(20M)_CP-OFDM_QPSK_ Outer_Full_Low_CH



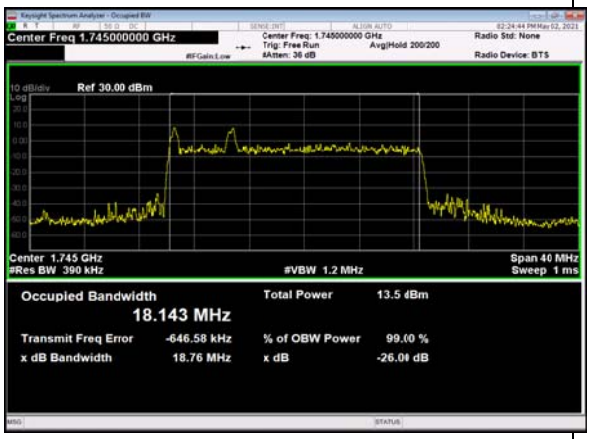
B13_n66(20M)_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH



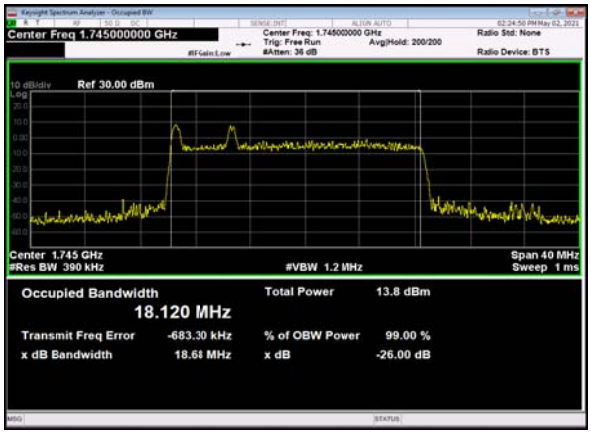
B13_n66(20M)_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH



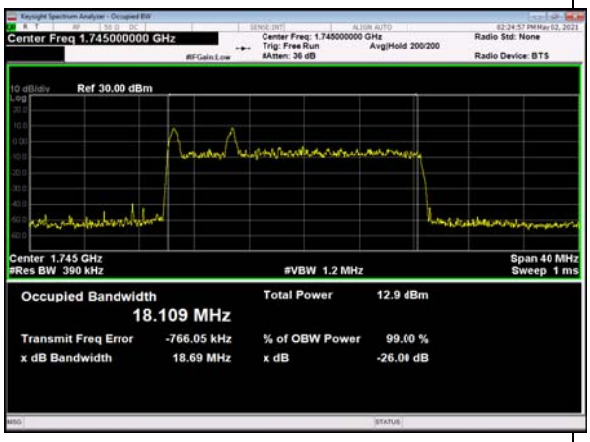
B13_n66(20M)_DFT-s-OFDM_16 QAM_Outer_Full_Mid_CH



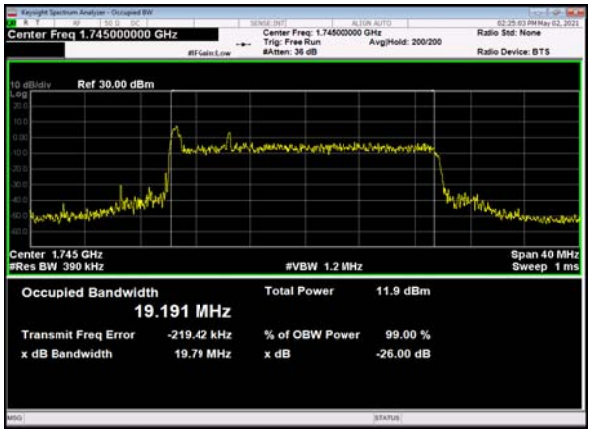
B13_n66(20M)_DFT-s-OFDM_64 QAM_Outer_Full_Mid_CH



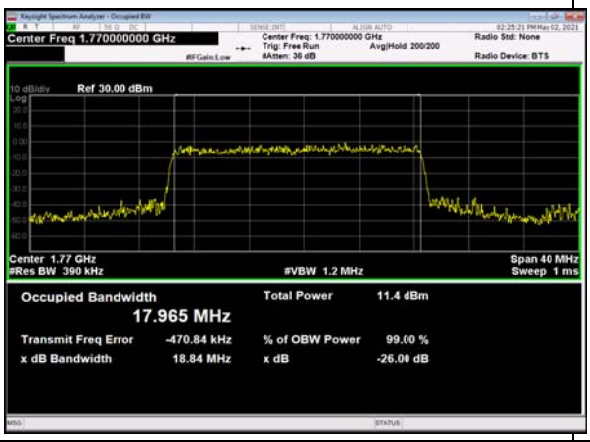
B13_n66(20M)_DFT-s-OFDM_256 QAM_Outer_Full_Mid_CH



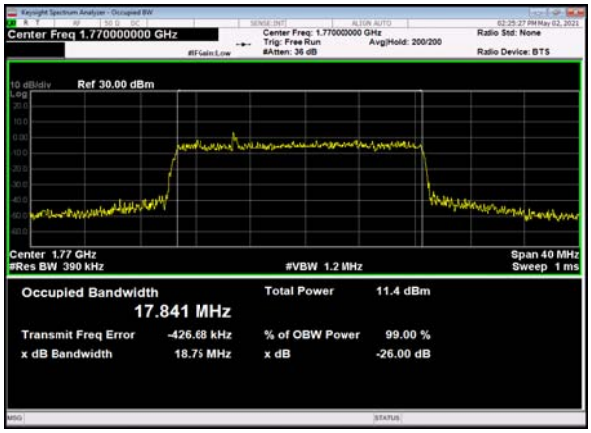
B13_n66(20M)_CP-OFDM_QPSK_ Outer_Full_Mid_CH



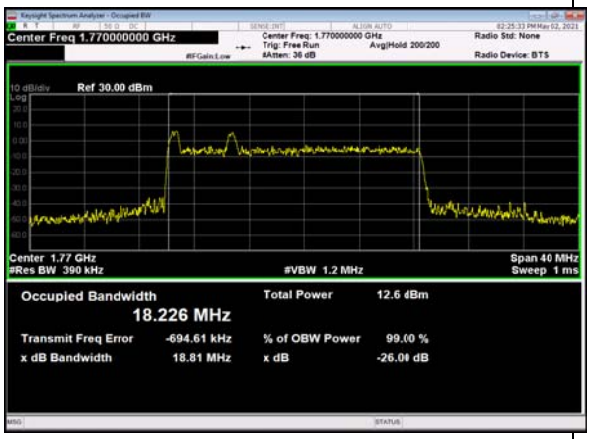
B13_n66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



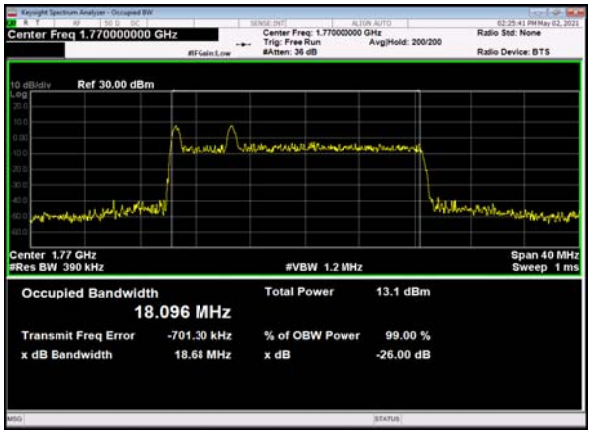
B13_n66(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



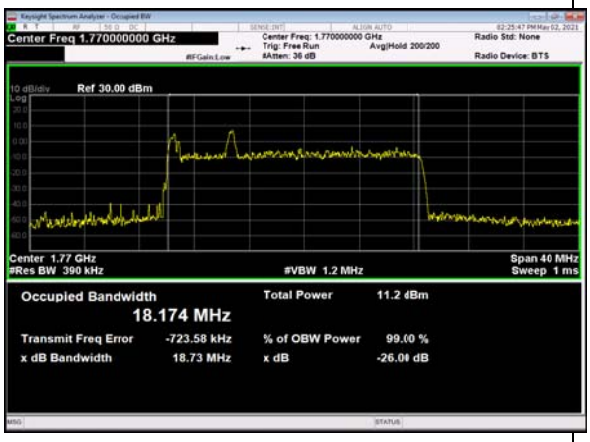
B13_n66(20M)_DFT-s-OFDM_16QAM_Outer_Full_High_CH



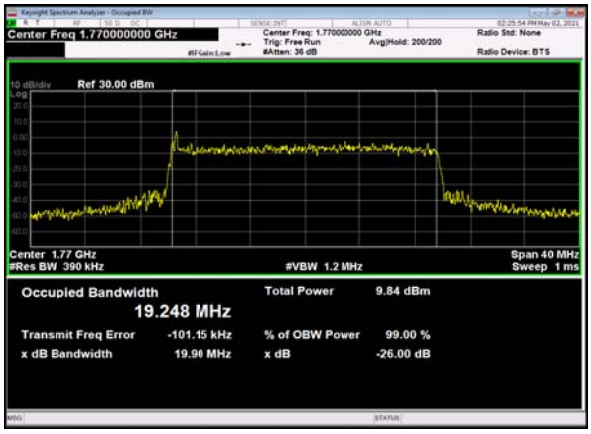
B13_n66(20M)_DFT-s-OFDM_64QAM_Outer_Full_High_CH



B13_n66(20M)_DFT-s-OFDM_256QAM_Outer_Full_High_CH



B13_n66(20M)_CP-OFDM_QPSK_Outer_Full_High_CH



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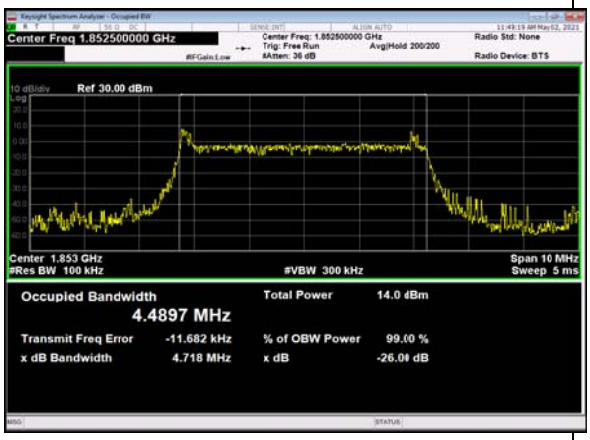

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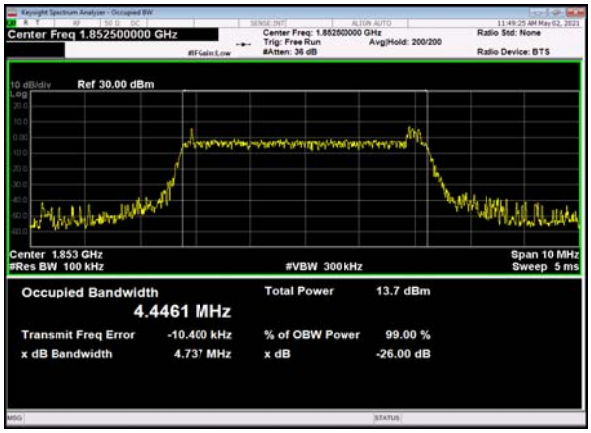
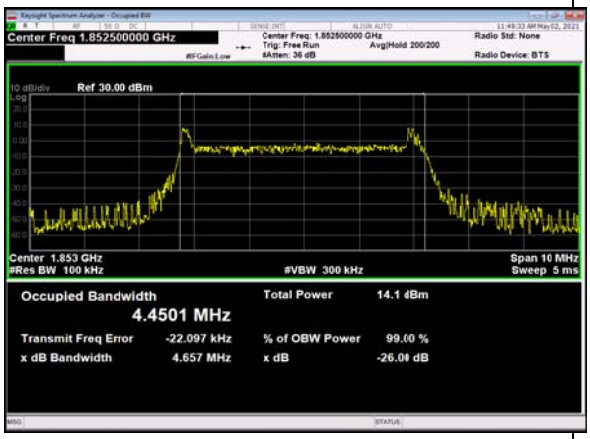


B66_n2(5M)_DFT-s-OFDM_16 QAM_Outer_Full_Low_CH



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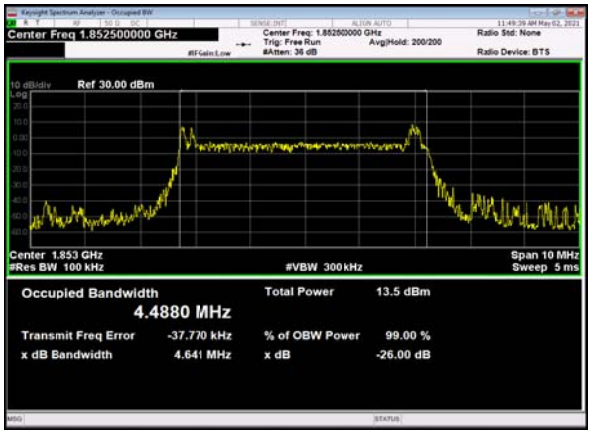
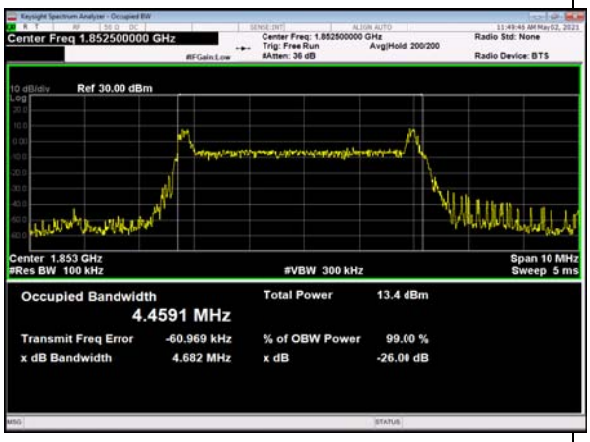
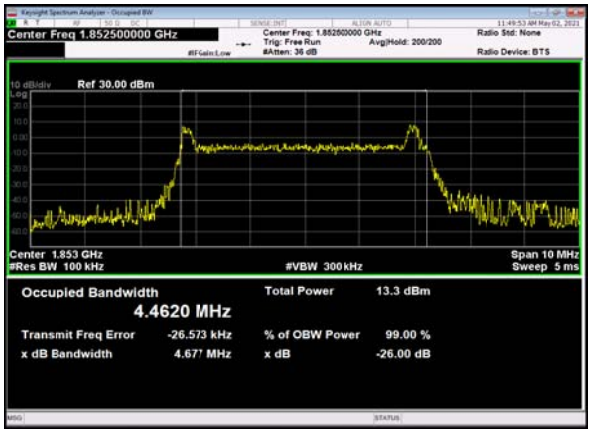


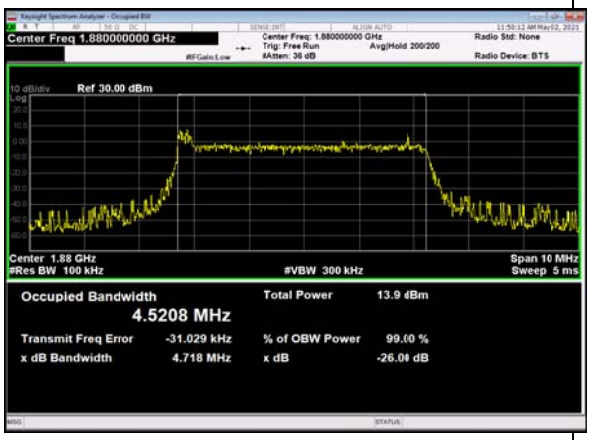
B66_n2(5M)_DFT-s-OFDM_256 QAM_Outer_Full_Low_CH



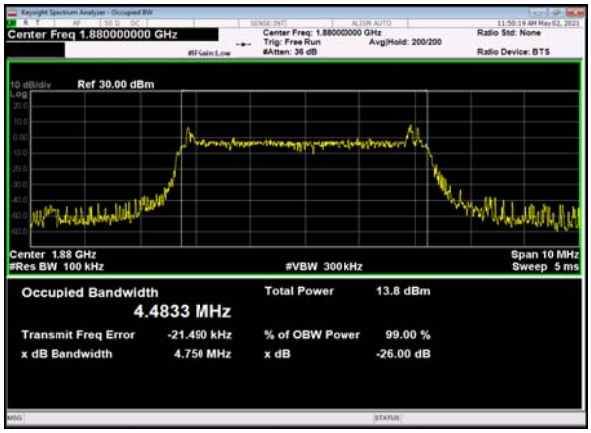
B66_n2(5M)_CP-OFDM_QPSK_ Outer_Full_Low_CH



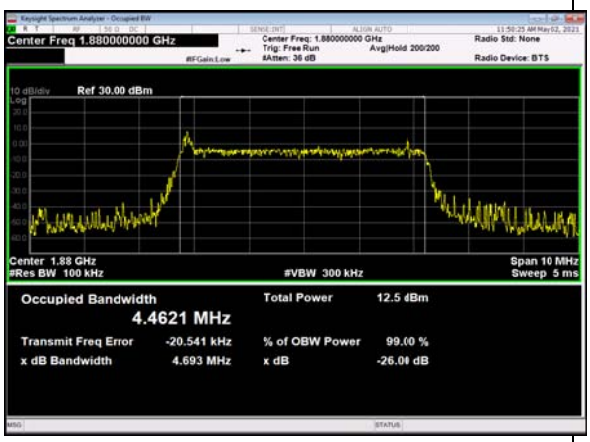
B66_n2(5M)_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH



B66_n2(5M)_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH



B66_n2(5M)_DFT-s-OFDM_16 QAM_Outer_Full_Mid_CH



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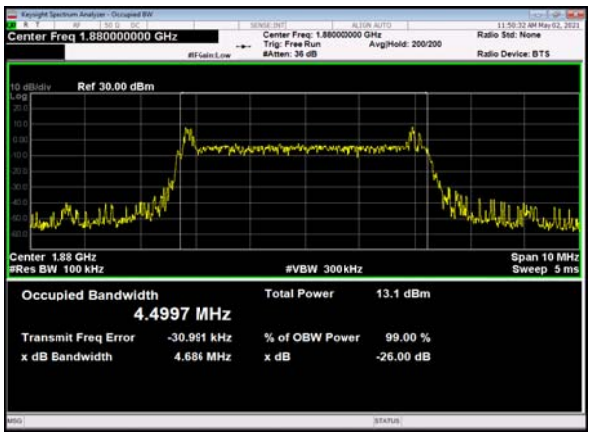
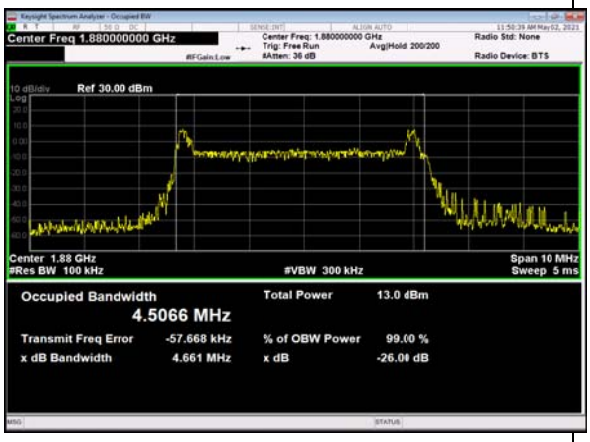
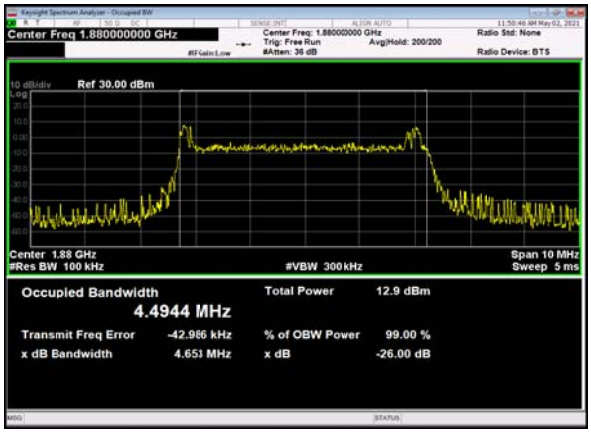


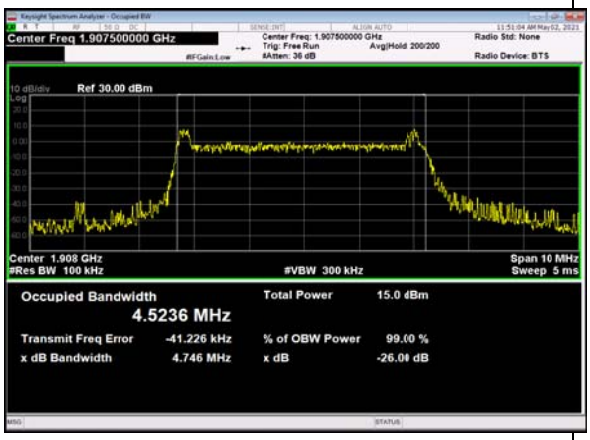
B66_n2(5M)_DFT-s-OFDM_256 QAM_Outer_Full_Mid_CH



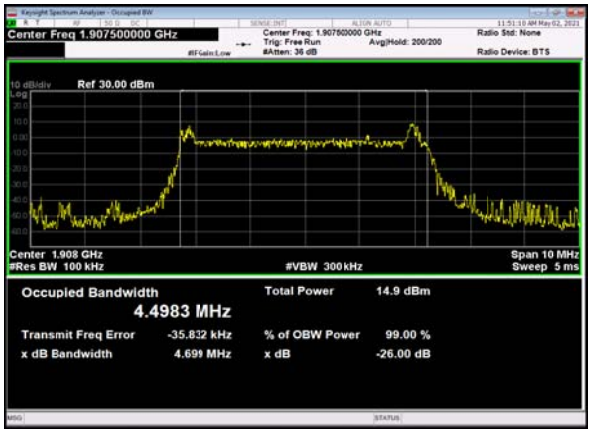
B66_n2(5M)_CP-OFDM_QPSK_ Outer_Full_Mid_CH



B66_n2(5M)_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_High_CH

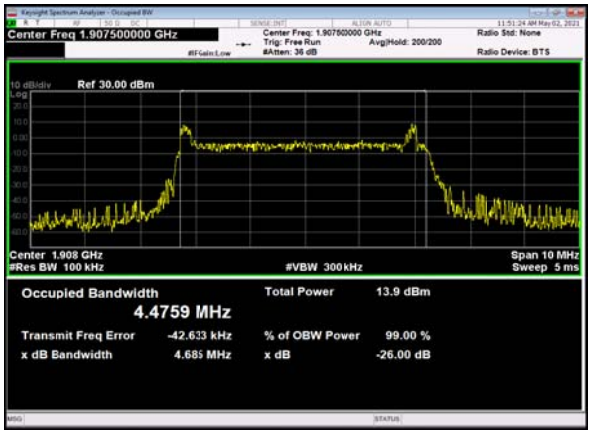


B66_n2(5M)_DFT-s-OFDM_QPSK_ Outer_Full_High_CH

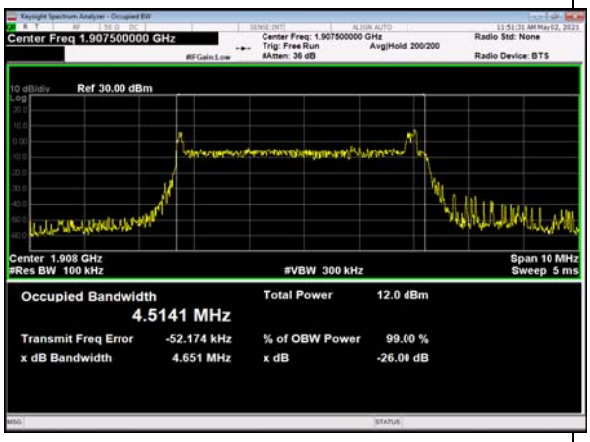


B66_n2(5M)_DFT-s-OFDM_16 QAM_Outer_Full_High_CH

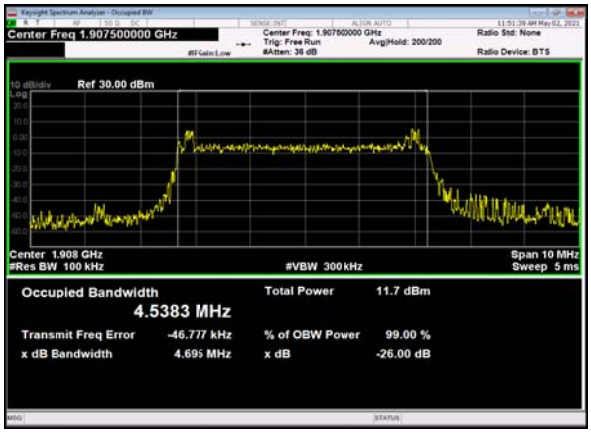
B66_n2(5M)_DFT-s-OFDM_64 QAM_Outer_Full_High_CH



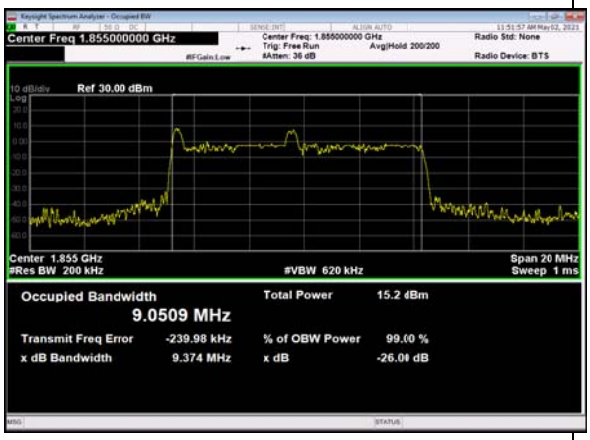
B66_n2(5M)_DFT-s-OFDM_256 QAM_Outer_Full_High_CH



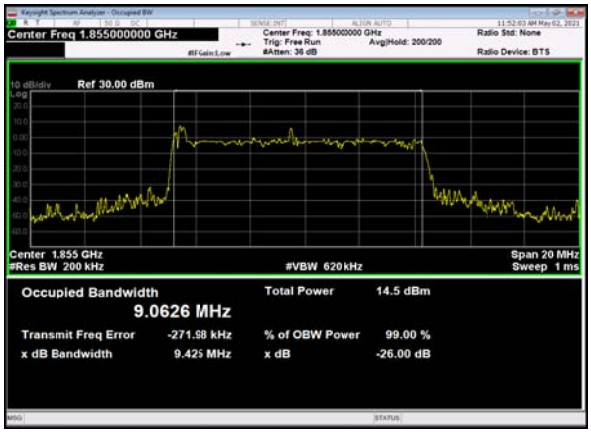
B66_n2(5M)_CP-OFDM_QPSK_ Outer_Full_High_CH



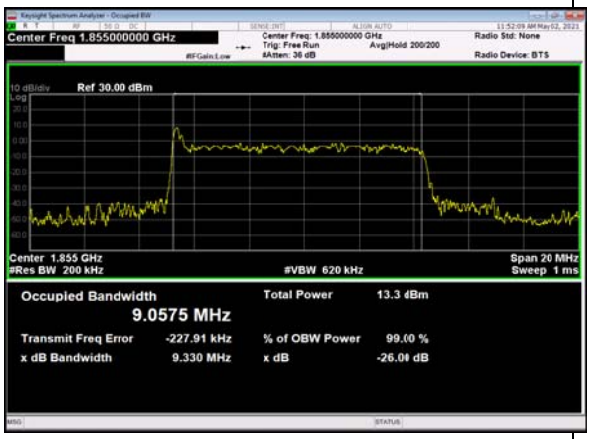
B66_n2(10M)_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Low_CH



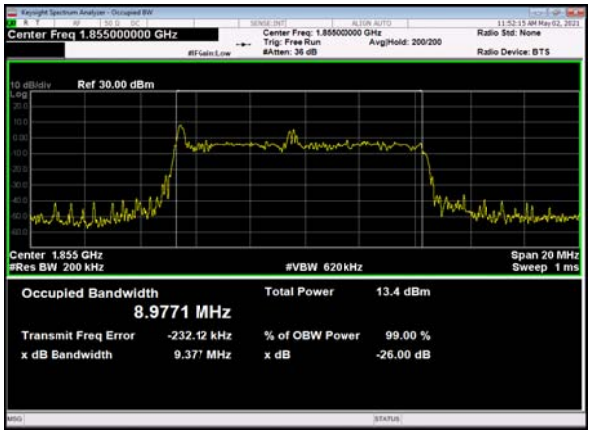
B66_n2(10M)_DFT-s-OFDM_QPSK_ Outer_Full_Low_CH



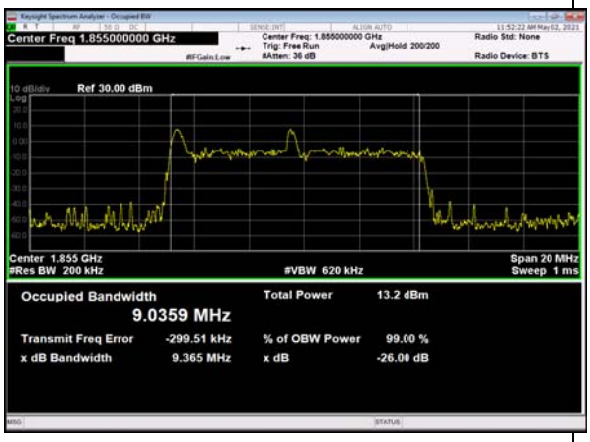
B66_n2(10M)_DFT-s-OFDM_16 QAM_Outer_Full_Low_CH



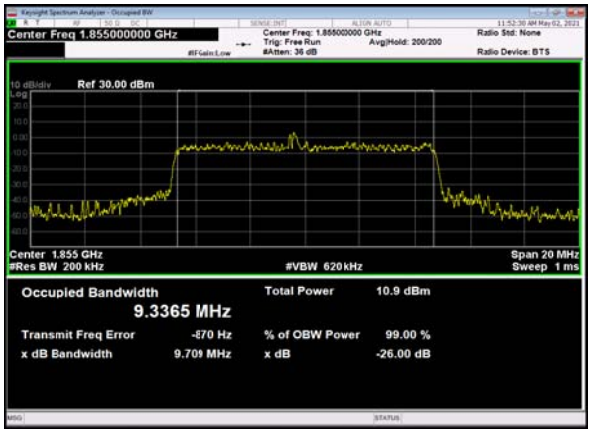
B66_n2(10M)_DFT-s-OFDM_64 QAM_Outer_Full_Low_CH



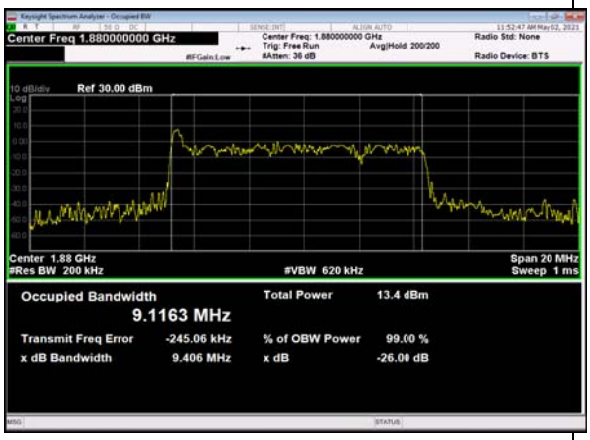
B66_n2(10M)_DFT-s-OFDM_256 QAM_Outer_Full_Low_CH



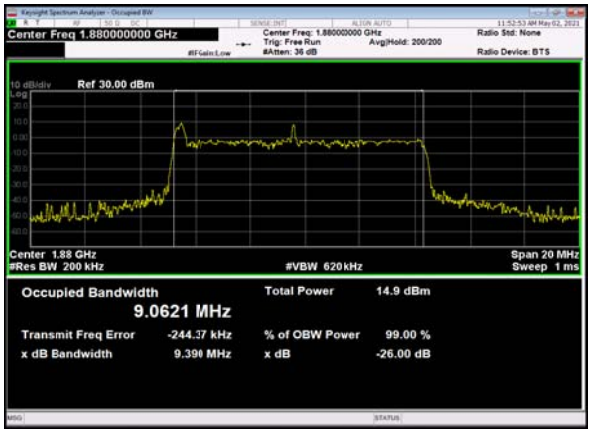
B66_n2(10M)_CP-OFDM_QPSK_ Outer_Full_Low_CH



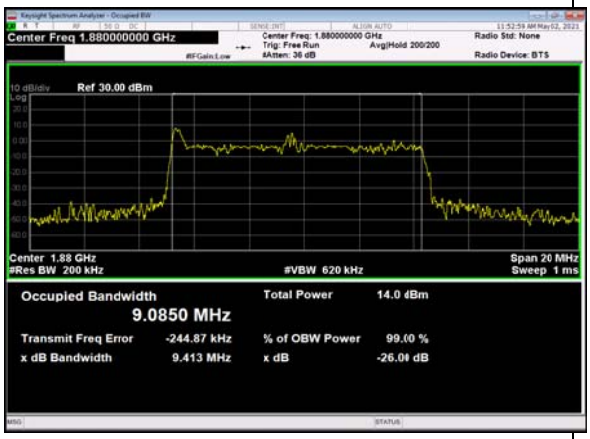
B66_n2(10M)_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH



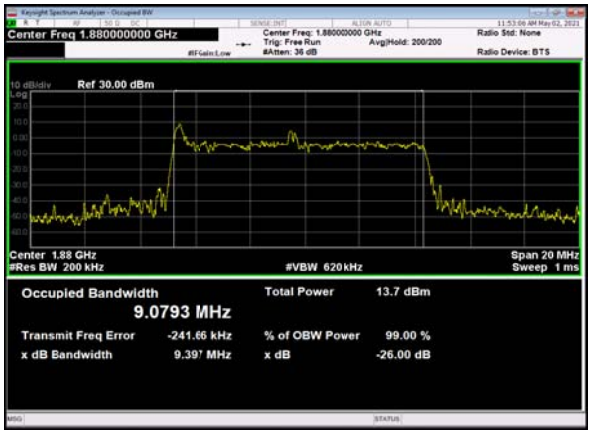
B66_n2(10M)_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH



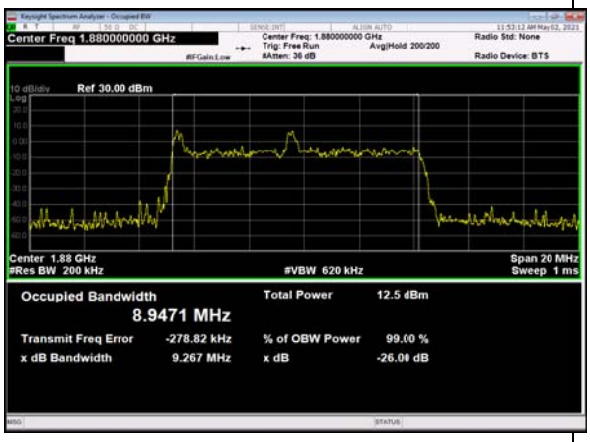
B66_n2(10M)_DFT-s-OFDM_16 QAM_Outer_Full_Mid_CH



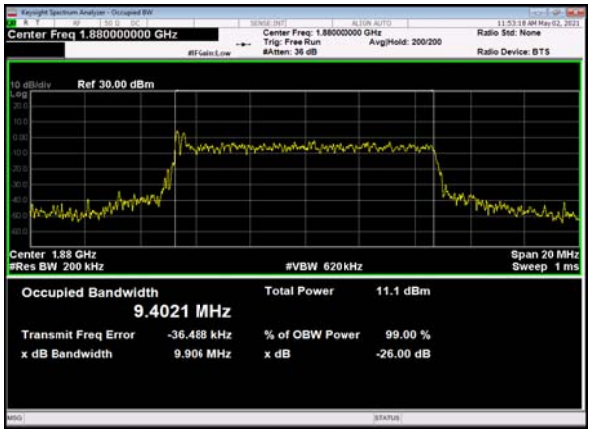
B66_n2(10M)_DFT-s-OFDM_64 QAM_Outer_Full_Mid_CH



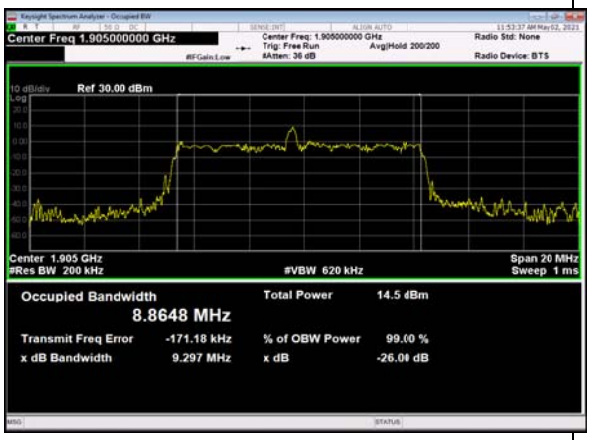
B66_n2(10M)_DFT-s-OFDM_256 QAM_Outer_Full_Mid_CH



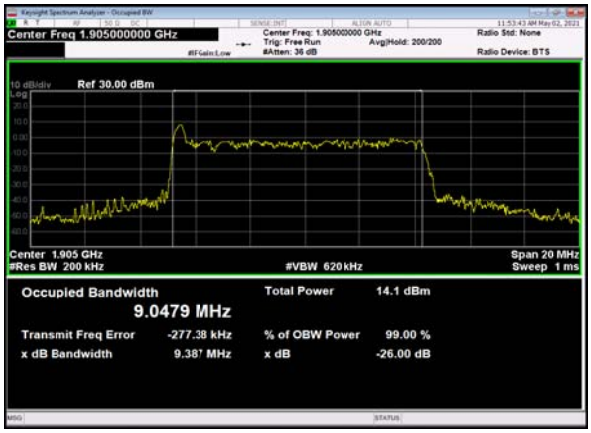
B66_n2(10M)_CP-OFDM_QPSK_ Outer_Full_Mid_CH



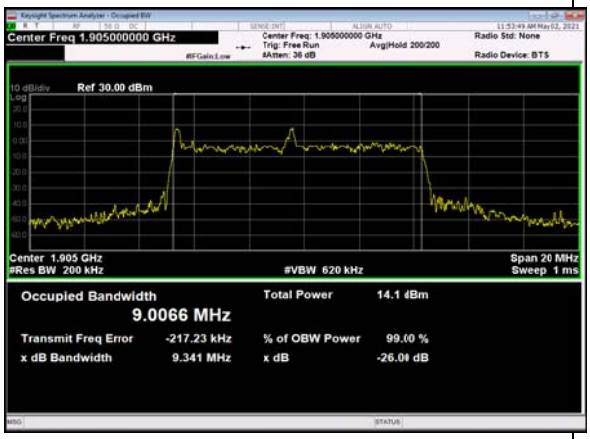
B66_n2(10M)_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_High_CH



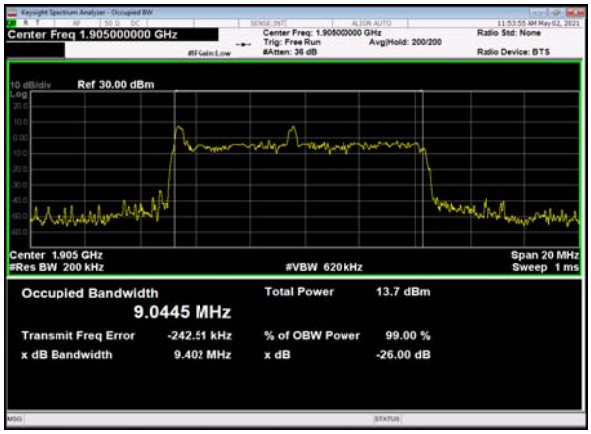
B66_n2(10M)_DFT-s-OFDM_QPSK_ Outer_Full_High_CH



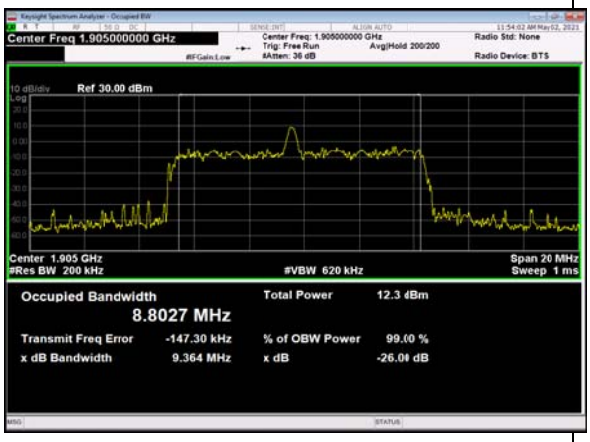
B66_n2(10M)_DFT-s-OFDM_16 QAM_Outer_Full_High_CH



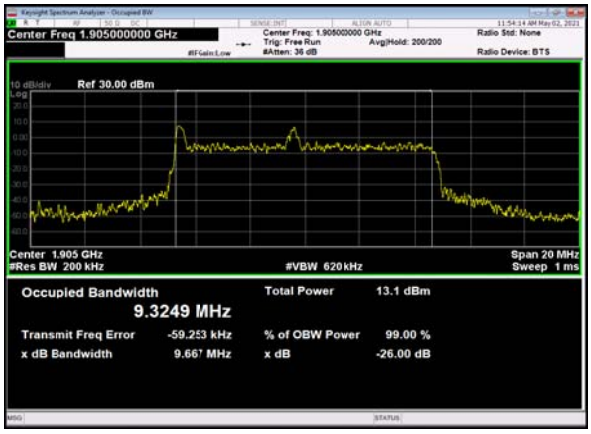
B66_n2(10M)_DFT-s-OFDM_64 QAM_Outer_Full_High_CH



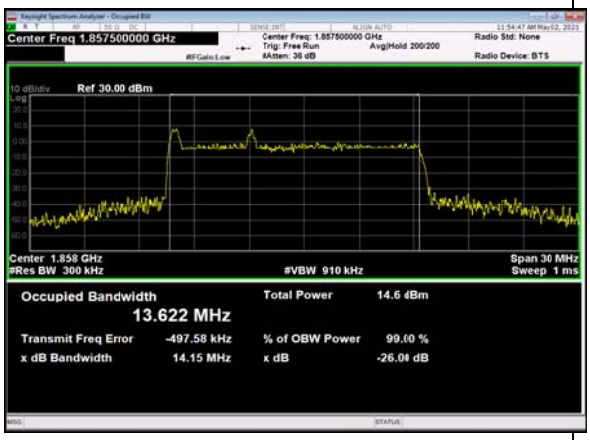
B66_n2(10M)_DFT-s-OFDM_256 QAM_Outer_Full_High_CH



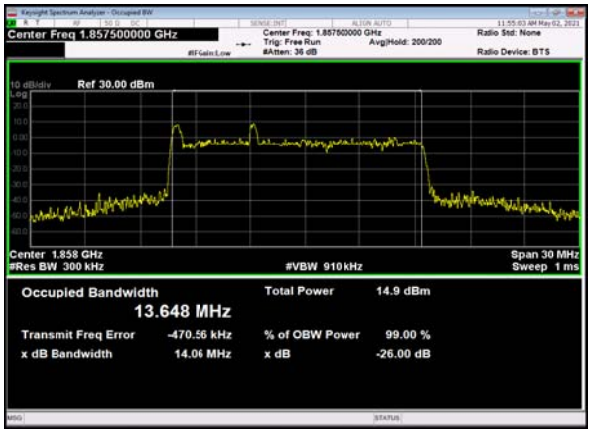
B66_n2(10M)_CP-OFDM_QPSK_ Outer_Full_High_CH



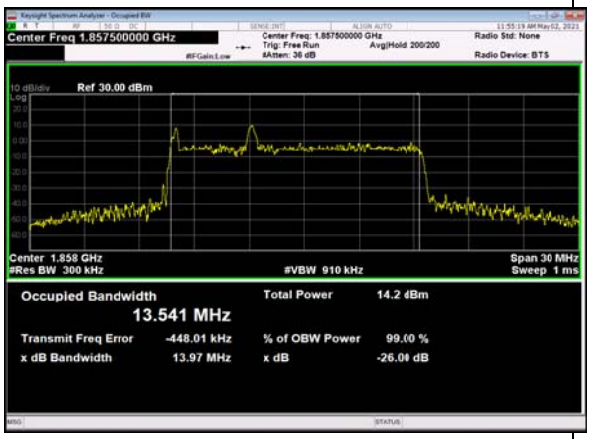
B66_n2(15M)_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Low_CH



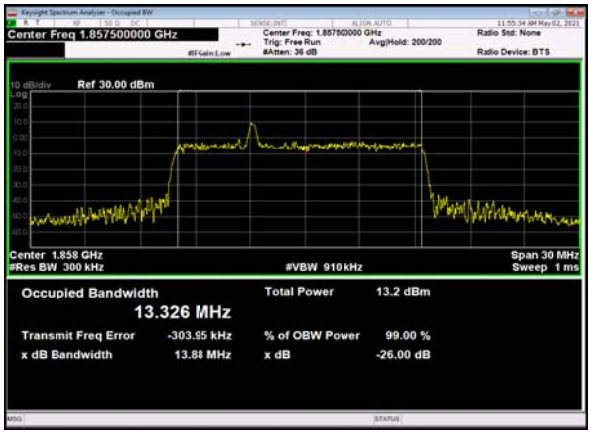
B66_n2(15M)_DFT-s-OFDM_QPSK_ Outer_Full_Low_CH



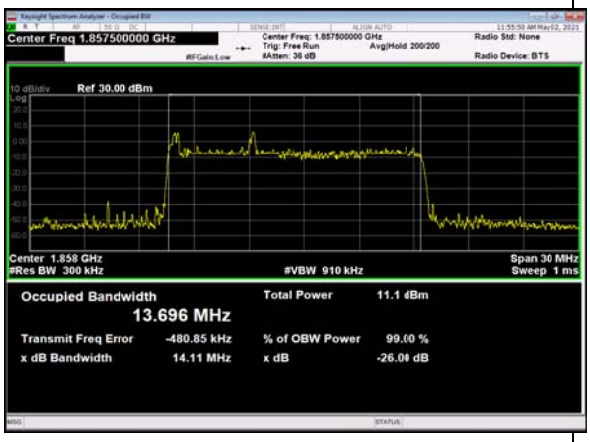
B66_n2(15M)_DFT-s-OFDM_16 QAM_Outer_Full_Low_CH



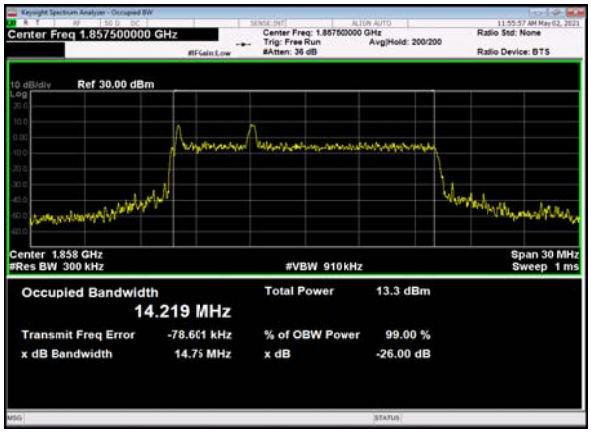
B66_n2(15M)_DFT-s-OFDM_64 QAM_Outer_Full_Low_CH



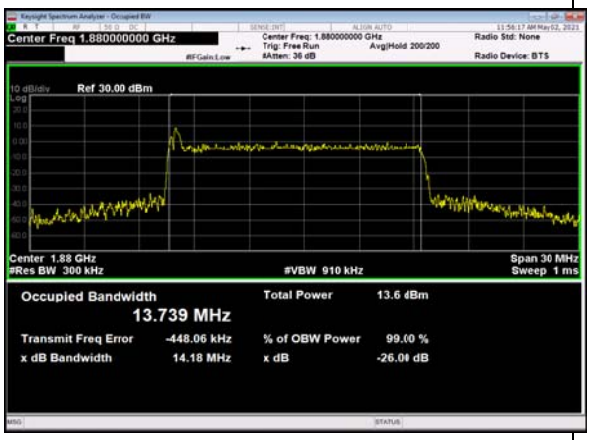
B66_n2(15M)_DFT-s-OFDM_256 QAM_Outer_Full_Low_CH



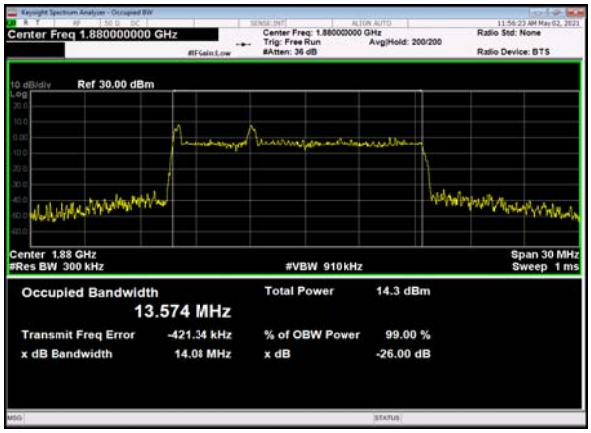
B66_n2(15M)_CP-OFDM_QPSK_ Outer_Full_Low_CH



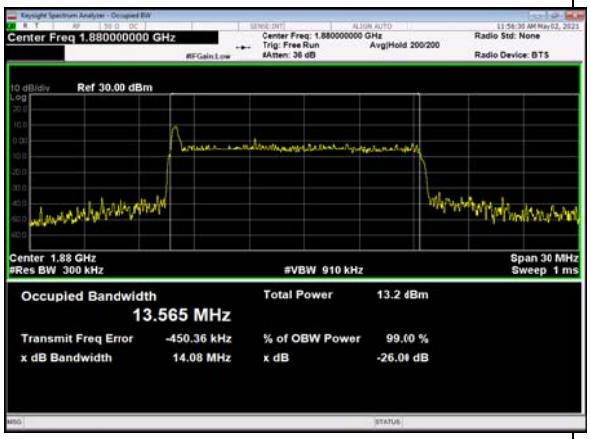
B66_n2(15M)_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_Mid_CH



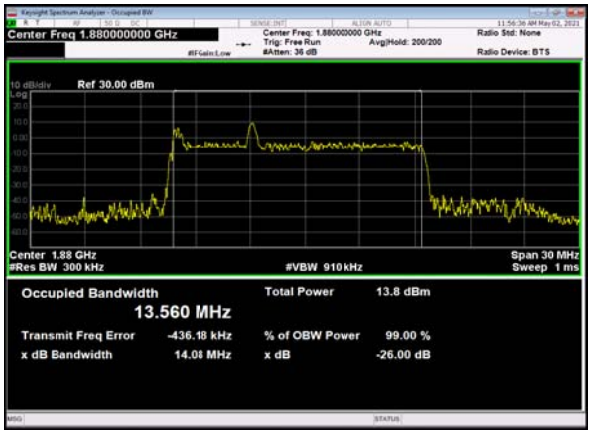
B66_n2(15M)_DFT-s-OFDM_QPSK_ Outer_Full_Mid_CH



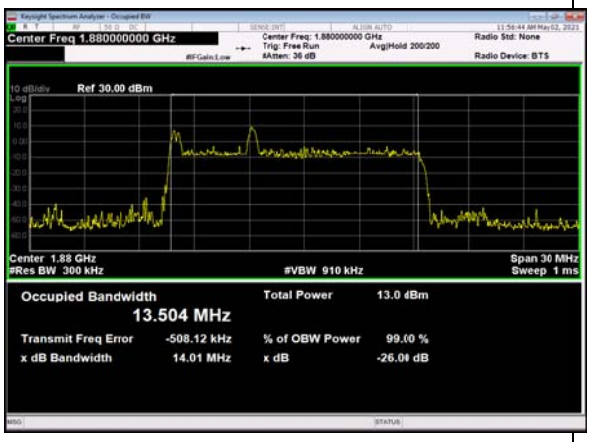
B66_n2(15M)_DFT-s-OFDM_16 QAM_Outer_Full_Mid_CH



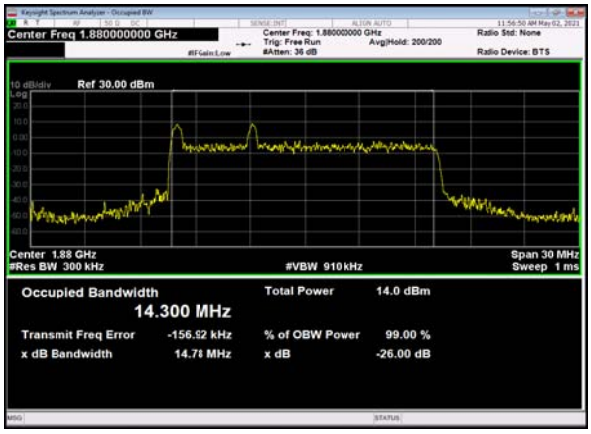
B66_n2(15M)_DFT-s-OFDM_64 QAM_Outer_Full_Mid_CH



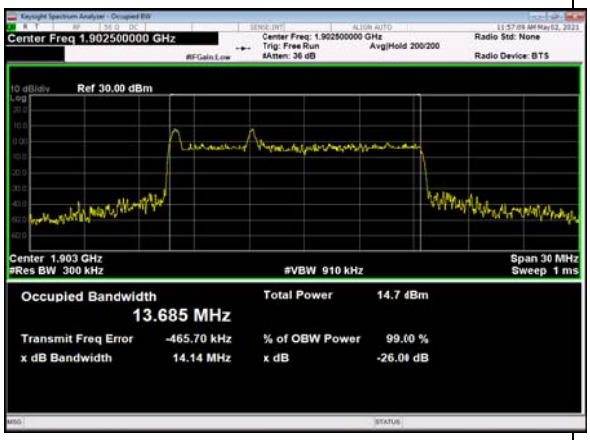
B66_n2(15M)_DFT-s-OFDM_256 QAM_Outer_Full_Mid_CH



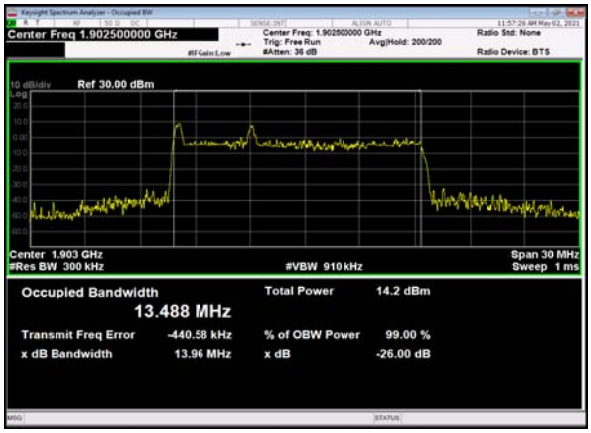
B66_n2(15M)_CP-OFDM_QPSK_ Outer_Full_Mid_CH



B66_n2(15M)_DFT-s-OFDM_PI_2-BPSK_ Outer_Full_High_CH



B66_n2(15M)_DFT-s-OFDM_QPSK_ Outer_Full_High_CH



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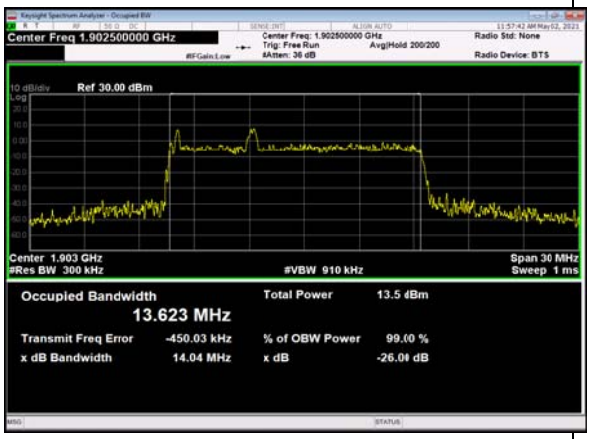
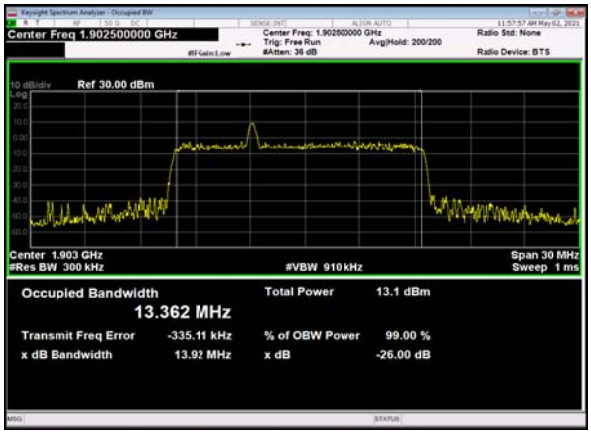
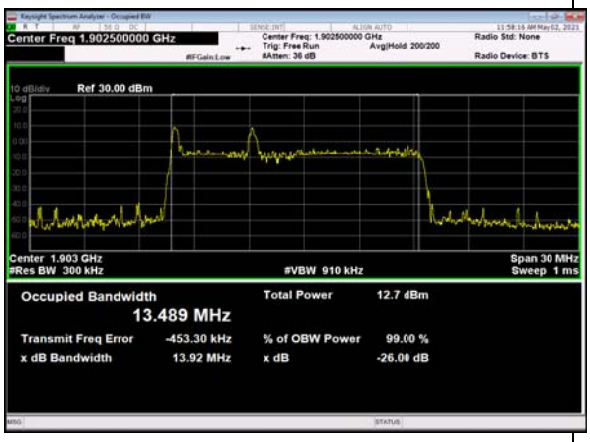
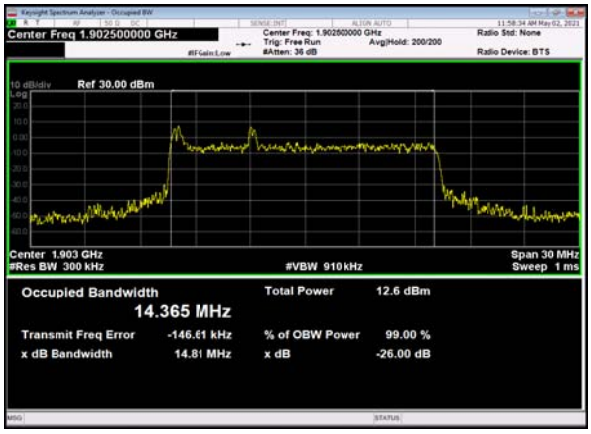


B66_n2(15M)_DFT-s-OFDM_64 QAM_Outer_Full_High_CH



B66_n2(15M)_DFT-s-OFDM_256 QAM_Outer_Full_High_CH



B66_n2(15M)_CP-OFDM_QPSK_ Outer_Full_High_CH