



TEST REPORT

APPLICANT : Reliance Communications LLC

PRODUCT NAME : Orbic Tab10R 5G

MODEL NAME : R10L5TR

BRAND NAME : Orbic

FCC ID : 2ABGH-R10L5TR

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

RECEIPT DATE : 2021-07-08

TEST DATE : 2021-07-08 to 2022-01-24

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Change History		
Version	Date	Reason for change
1.0	2022-01-31	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

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

1.2. Equipment Under Test (EUT) Description

Product Name:	Orbic Tab10R 5G	
Hardware Version:	V1.1	
Software Version:	ORB10L5TR_v1.0.5_BVZ	
IMEI:	354753170000687	
Modulation Type:	DFT-s-OFDM	PI/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM
	CP-OFDM	QPSK, 16QAM, 64QAM, 256QAM
Operation Band:	DC_13A_N2, DC_2A_N5, DC_13A_N66, DC_5A_N77	
Frequency Range:	N2	Tx: 1850MHz-1910MHz
		Rx: 1930MHz-1990MHz
	N5	Tx: 824MHz-849MHz
		Rx: 869MHz-894MHz
	N66	Tx: 1710MHz-1780MHz
		Rx: 2110MHz-2200MHz
	N77	Tx: 3700MHz-3980MHz
		Rx: 3700MHz-3980MHz
Channel Bandwidth	N2	5MHz, 10MHz, 15MHz, 20MHz
	N5	5MHz, 10MHz, 15MHz, 20MHz
	N66	5MHz, 10MHz, 15MHz, 20MHz
	N77	30MHz, 40MHz, 60MHz, 80MHz, 100MHz
Antenna Type:	Fixed Internal antenna	
Antenna Gain:	N2	-2.00dBi
	N5	-0.90dBi



	N66	-2.10dBi
	N77	0.90 dBi

Accessory Information:	DC Adaptor	
	Brand Name:	Orbic
	Model No.:	BLJ-QC06HU
	Serial No.:	(N/A, marked #1 by test site)
	Rated Input:	100-240V \sim 50/60HZ,0.5A
	Rated Output:	5/9/12V \equiv 3/2/1.5A
	Manufacturer:	Zhongshan Baolijin Electronic Co., Ltd.
	Manufacturer Address	Baolijin Industrial Park, Jinfeng Road, NO. 6 Industrial Area, Nanlang Town, Zhongshan, P.R. China
	Battery	
	Brand Name:	Orbic
	Model No.:	BTE-6001
	Serial No.:	(N/A, marked #1 by test site)
	Capacity:	6000mAh
	Rated Voltage:	3.85V
	Charge Limit:	4.4V
	Manufacturer:	HUIZHOU DXDRAGON INC
Manufacturer Address	Room 1901-1904, TongFang Information Port, No.448 Zhongkai Avenue, HZZK Hi-tech. Industrial Development Zone, Huizhou City, Guangdong P.R. China	

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

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



1.3. Maximum ERP/EIRP and Emission Designator

DC_5A_N2	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.156	0.157	0.155	0.102	0.065	0.128
15	0.148	/	/	/	/	/
10	0.153	/	/	/	/	/
5	0.146	/	/	/	/	/

DC_13A_N2	Emission Designator (99%OBW)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	18M2G7D	18M2G7D	18M2W7D	18M2D7W	18M1D7W	19M3G7D
15	13M6G7D	13M6G7D	13M7W7D	13M7D7W	13M7D7W	14M4G7D
10	9M09G7D	9M09G7D	9M08W7D	9M08D7W	9M07D7W	9M46G7D
5	4M51G7D	4M52G7D	4M51W7D	4M51D7W	4M50D7W	4M52G7D

DC_13A_N2	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.152	0.157	0.157	0.109	0.065	0.139
15	0.154	/	/	/	/	/
10	0.146	/	/	/	/	/
5	0.153	/	/	/	/	/



DC_66A_N2	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.156	0.157	0.156	0.105	0.064	0.139
15	0.156	/	/	/	/	/
10	0.156	/	/	/	/	/
5	0.156	/	/	/	/	/

DC_2A_5A_N2	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.129	0.132	0.113	0.086	0.047	0.089
15	0.081	/	/	/	/	/
10	0.092	/	/	/	/	/
5	0.097	/	/	/	/	/

DC_2A_13A_N2	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.122	0.126	0.104	0.072	0.044	0.090
15	0.125	/	/	/	/	/
10	0.124	/	/	/	/	/
5	0.125	/	/	/	/	/



DC_5A_5A_N2	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.107	0.112	0.092	0.070	0.042	0.088
15	0.096	/	/	/	/	/
10	0.101	/	/	/	/	/
5	0.102	/	/	/	/	/

DC_5A_13A_N2	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.112	0.117	0.115	0.080	0.049	0.102
15	0.113	/	/	/	/	/
10	0.114	/	/	/	/	/
5	0.114	/	/	/	/	/

DC_5A_66A_N2	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.078	0.078	0.078	0.070	0.042	0.076
15	0.073	/	/	/	/	/
10	0.075	/	/	/	/	/
5	0.070	/	/	/	/	/



DC_13A_66A_N2	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.074	0.074	0.072	0.068	0.041	0.072
15	0.072	/	/	/	/	/
10	0.066	/	/	/	/	/
5	0.072	/	/	/	/	/

DC_5B_N2	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.108	0.108	0.097	0.073	0.037	0.090
15	0.115	/	/	/	/	/
10	0.093	/	/	/	/	/
5	0.109	/	/	/	/	/

DC_2A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.108	0.111	0.098	0.070	0.057	0.102
15	0.097	/	/	/	/	/
10	0.106	/	/	/	/	/
5	0.087	/	/	/	/	/



DC_2A_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	18M1D7W	19M2G7D
15	13M7G7D	13M6G7D	13M6W7D	13M6D7W	13M6D7W	14M3G7D
10	9M09G7D	9M03G7D	9M00W7D	9M05D7W	9M07D7W	9M40G7D
5	4M53G7D	4M51G7D	4M53W7D	4M54D7W	4M52D7W	4M52G7D

DC_66A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.111	0.111	0.103	0.088	0.065	0.094
15	0.103	/	/	/	/	/
10	0.103	/	/	/	/	/
5	0.095	/	/	/	/	/

DC_2A_2A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.110	0.111	0.109	0.076	0.047	0.097
15	0.107	/	/	/	/	/
10	0.109	/	/	/	/	/
5	0.111	/	/	/	/	/



DC_2A_5A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.093	0.094	0.060	0.060	0.038	0.076
15	0.090	/	/	/	/	/
10	0.094	/	/	/	/	/
5	0.091	/	/	/	/	/

DC_2A_13A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.104	0.109	0.103	0.082	0.051	0.102
15	0.107	/	/	/	/	/
10	0.108	/	/	/	/	/
5	0.108	/	/	/	/	/

DC_5A_66A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.108	0.111	0.099	0.097	0.054	0.099
15	0.101	/	/	/	/	/
10	0.098	/	/	/	/	/
5	0.109	/	/	/	/	/



DC_2A_66A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.111	0.111	0.106	0.089	0.071	0.103
15	0.100	/	/	/	/	/
10	0.102	/	/	/	/	/
5	0.100	/	/	/	/	/

DC_13A_66A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.099	0.101	0.092	0.068	0.043	0.082
15	0.096	/	/	/	/	/
10	0.093	/	/	/	/	/
5	0.094	/	/	/	/	/

DC_66A_66A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.095	0.098	0.094	0.062	0.037	0.078
15	0.088	/	/	/	/	/
10	0.088	/	/	/	/	/
5	0.089	/	/	/	/	/



DC_66B_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.094	0.094	0.093	0.062	0.039	0.078
15	0.089	/	/	/	/	/
10	0.091	/	/	/	/	/
5	0.091	/	/	/	/	/

DC_66C_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.097	0.110	0.097	0.064	0.036	0.081
15	0.092	/	/	/	/	/
10	0.089	/	/	/	/	/
5	0.090	/	/	/	/	/

DC_48A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.102	0.105	0.097	0.069	0.042	0.089
15	0.097	/	/	/	/	/
10	0.098	/	/	/	/	/
5	0.099	/	/	/	/	/



DC_48A_66A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.104	0.106	0.096	0.070	0.042	0.089
15	0.097	/	/	/	/	/
10	0.095	/	/	/	/	/
5	0.097	/	/	/	/	/

DC_5A_N66	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.100	0.100	0.095	0.062	0.037	0.066
15	0.070	/	/	/	/	/
10	0.073	/	/	/	/	/
5	0.071	/	/	/	/	/

DC_13A_N66	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.116	0.135	0.106	0.073	0.043	0.095
15	0.122	/	/	/	/	/
10	0.123	/	/	/	/	/
5	0.120	/	/	/	/	/



DC_13A_N66	Emission Designator (99%OBW)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	18M2G7D	18M2G7D	18M2W7D	18M2D7W	18M2D7W	19M2G7D
15	13M7G7D	13M6G7D	13M6W7D	13M7D7W	13M6D7W	14M3G7D
10	9M09G7D	9M06G7D	9M08W7D	9M07D7W	9M07D7W	9M41G7D
5	4M52G7D	4M52G7D	4M51W7D	4M51D7W	4M52D7W	4M52G7D

DC_2A_5A_N66	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.115	0.119	0.116	0.076	0.047	0.096
15	0.108	/	/	/	/	/
10	0.101	/	/	/	/	/
5	0.109	/	/	/	/	/

DC_2A_13A_N66	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.115	0.120	0.114	0.076	0.047	0.097
15	0.108	/	/	/	/	/
10	0.113	/	/	/	/	/
5	0.112	/	/	/	/	/



DC_5A_5A_N66	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.115	0.121	0.126	0.084	0.050	0.101
15	0.114	/	/	/	/	/
10	0.120	/	/	/	/	/
5	0.110	/	/	/	/	/

DC_5A_13A_N66	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.124	0.124	0.115	0.076	0.047	0.098
15	0.112	/	/	/	/	/
10	0.116	/	/	/	/	/
5	0.120	/	/	/	/	/

DC_5A_66A_N66	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.129	0.129	0.120	0.081	0.049	0.106
15	0.112	/	/	/	/	/
10	0.123	/	/	/	/	/
5	0.122	/	/	/	/	/



DC_13A_66A_N66	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.130	0.132	0.126	0.086	0.055	0.096
15	0.116	/	/	/	/	/
10	0.118	/	/	/	/	/
5	0.125	/	/	/	/	/

DC_5B_N66	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.119	0.121	0.102	0.067	0.043	0.106
15	0.116	/	/	/	/	/
10	0.120	/	/	/	/	/
5	0.120	/	/	/	/	/

DC_2A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.552	0.556	0.400	0.310	0.195	0.390
80	0.522	/	/	/	/	/
60	0.535	/	/	/	/	/
40	0.338	/	/	/	/	/
30	0.344	/	/	/	/	/



DC_5A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.562	0.564	0.447	0.286	0.198	0.404
80	0.555	/	/	/	/	/
60	0.552	/	/	/	/	/
40	0.561	/	/	/	/	/
30	0.551	/	/	/	/	/

DC_5A_N77	Emission Designator (99%OBW)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	98M5G7D	98M8G7D	98M3W7D	98M3D7W	98M7D7W	99M8G7D
80	78M8G7D	78M6G7D	78M6W7D	78M7D7W	78M8D7W	79M0G7D
60	59M1G7D	59M1G7D	59M2W7D	58M8D7W	58M9D7W	58M9G7D
40	36M2G7D	36M6G7D	36M5W7D	36M4D7W	36M5D7W	38M8G7D
30	27M4G7D	27M3G7D	27M3W7D	27M4D7W	27M3D7W	28M5G7D

DC_13A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.558	0.562	0.446	0.294	0.198	0.394
80	0.281	/	/	/	/	/
60	0.310	/	/	/	/	/
40	0.331	/	/	/	/	/
30	0.312	/	/	/	/	/



DC_66A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.318	0.320	0.242	0.157	0.106	0.229
80	0.313	/	/	/	/	/
60	0.294	/	/	/	/	/
40	0.316	/	/	/	/	/
30	0.313	/	/	/	/	/

DC_2A_2A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.310	0.311	0.244	0.158	0.108	0.220
80	0.305	/	/	/	/	/
60	0.290	/	/	/	/	/
40	0.309	/	/	/	/	/
30	0.310	/	/	/	/	/



1.4. Test Standards and Results

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

No	Identity	Document Title
1	47 CFR Part 2	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
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(j)(3)	Transmitter Conducted Output Power and ERP/EIRP	Jul. 8 to 16, 2021	Li Hanbin Yin Xiaogang	PASS	No deviation
2.1049	Occupied Bandwidth	Aug. 9 to 19, 2021	Li Hanbin	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	Jul. 20 to 28,2021	Li Hanbin	PASS	No deviation
24.232(d) 27.50(d)(5) 27.50(j)(4)	Peak to Average Ratio	Jul. 30 to Aug.5, 2021	Li Hanbin	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(h) 27.53(l)	Conducted Spurious Emissions	Aug. 23 to Sept.2,2021	Li Hanbin	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(h) 27.53(l)	Band Edge	Sept. 7 to 18,2021	Li Hanbin	PASS	No deviation
2.1051 22.917(a) 24.238(a) 27.53(h) 27.53(l)	Radiated Spurious Emissions	Jan. 17 to 24,2022	Lin Jiayong	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 offset4dB and Attenuator 36dB.

Note 3: When the test result is a critical value, we will use the measurement uncertainty give the



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judgment result based on the 95% risk level.



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, Part 27L&O Requirements

2.1. Transmitter Conducted Output Power And ERP/EIRP

2.1.1. Requirement

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

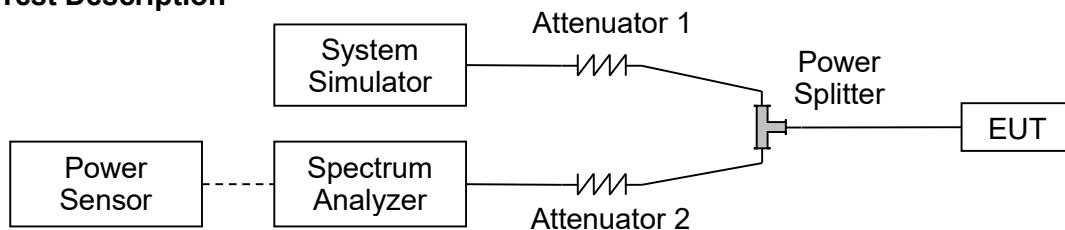
According to FCC section 24.232(c), for N2, Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

According to FCC section 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 (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 (j)(3) for N77, Mobile and portable stations are limited to 1 Watt EIRP. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

2.1.2. Test Description



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

2.1.3. Test procedure

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



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

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

2.1.4. Result

Conducted Output Power:



DC_5A_n2A

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1900
20	DFT-s-OFDM PI/2 BPSK	1	1	23.87	23.70	23.46
20		1	53	23.88	23.63	23.66
20		1	104	23.89	23.66	23.74
20		50	1	23.85	23.73	23.70
20		50	25	23.75	23.77	23.67
20		50	50	23.92	23.74	23.72
20		100	0	20.32	20.36	23.70
20	DFT-s-OFDM QPSK	1	1	23.31	23.95	23.52
20		1	53	23.79	23.49	23.67
20		1	104	23.73	23.47	23.77
20		50	1	23.47	23.73	23.70
20		50	25	23.40	23.75	23.72
20		50	50	23.92	23.75	23.80
20		100	0	23.94	23.79	23.79
20	DFT-s-OFDM 16QAM	1	1	23.79	23.90	23.89
20	DFT-s-OFDM 64QAM	1	1	22.01	22.08	21.97
20	DFT-s-OFDM 256QAM	1	1	20.16	20.00	19.89
Channel				371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5
15	DFT-s-OFDM QPSK	1	1	23.57	23.52	23.69
Channel				371000	376000	381000
Frequency (MHz)				1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	23.85	23.70	23.78
Channel				370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5



5	DFT-s-OFDM QPSK	1	1	23.41	23.63	23.44
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1767.5
20	CP-OFDM QPSK	1	1	22.89	23.07	23.02
20	CP-OFDM 16QAM	1	1	23.17	23.11	23.03
20	CP-OFDM 64QAM	1	1	21.15	21.05	20.94
20	CP-OFDM 256QAM	1	1	17.93	17.91	17.76



DC_13A_n2A

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



5	DFT-s-OFDM QPSK	1	1	23.85	23.83	23.81
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1767.5
20	CP-OFDM QPSK	1	1	23.37	23.44	23.43
20	CP-OFDM 16QAM	1	1	23.10	23.12	23.02
20	CP-OFDM 64QAM	1	1	21.21	21.00	21.08
20	CP-OFDM 256QAM	1	1	18.16	18.08	18.21



DC_66A_n2A

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



5	DFT-s-OFDM QPSK	1	1	23.94	23.80	23.90
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1767.5
20	CP-OFDM QPSK	1	1	23.30	23.22	23.42
20	CP-OFDM 16QAM	1	1	23.12	23.19	23.00
20	CP-OFDM 64QAM	1	1	21.09	20.99	21.11
20	CP-OFDM 256QAM	1	1	18.27	17.96	18.05



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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	1	1	22.23	22.41	23.03
20	PI/2 BPSK	1	53	22.10	22.75	22.83
20		1	104	22.40	22.85	22.73
20		50	1	22.45	22.69	22.52
20		50	25	21.92	22.84	23.09
20		50	50	22.11	23.01	23.07
20		100	0	22.87	22.92	23.09
20		DFT-s-OFDM	1	1	23.10	23.19
20	QPSK	1	53	22.81	22.79	22.91
20		1	104	22.78	22.91	22.51
20		50	1	22.26	22.18	22.10
20		50	25	21.13	22.15	21.40
20		50	50	21.26	21.55	21.76
20		100	0	20.88	20.34	21.03
20		DFT-s-OFDM 16QAM	1	1	22.11	22.54
20	DFT-s-OFDM 64QAM	1	1	20.62	20.85	21.35
20	DFT-s-OFDM 256QAM	1	1	17.98	18.70	18.29
Channel				371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5
15	DFT-s-OFDM QPSK	1	1	20.87	20.91	21.07
Channel				371000	376000	381000
Frequency (MHz)				1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	21.45	21.50	21.62
Channel				370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5



5	DFT-s-OFDM QPSK	1	1	21.63	21.69	21.87
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1767.5
20	CP-OFDM QPSK	1	1	21.50	21.49	21.33
20	CP-OFDM 16QAM	1	1	21.12	20.91	21.36
20	CP-OFDM 64QAM	1	1	19.96	20.35	20.21
20	CP-OFDM 256QAM	1	1	17.07	17.27	17.21



DC_2A_13A_n2A

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	1	1	22.86	22.87	22.73
20	PI/2 BPSK	1	53	22.23	22.47	22.42
20		1	104	22.19	22.78	22.33
20		50	1	22.11	22.34	22.10
20		50	25	22.33	22.53	22.18
20		50	50	22.31	22.15	21.87
20		100	0	22.25	22.54	21.73
20		DFT-s-OFDM	1	1	22.87	22.99
20	QPSK	1	53	22.48	22.37	22.19
20		1	104	22.19	22.67	22.58
20		50	1	22.09	22.37	22.16
20		50	25	22.30	22.57	22.18
20		50	50	22.29	22.37	21.89
20		100	0	22.21	22.54	21.89
20		DFT-s-OFDM 16QAM	1	1	22.19	22.08
20	DFT-s-OFDM 64QAM	1	1	20.26	20.56	20.43
20	DFT-s-OFDM 256QAM	1	1	18.17	18.44	18.23
Channel				371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5
15	DFT-s-OFDM QPSK	1	1	22.09	22.40	22.97
Channel				371000	376000	381000
Frequency (MHz)				1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	22.02	22.32	22.95
Channel				370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5



5	DFT-s-OFDM QPSK	1	1	21.89	22.41	22.96
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1767.5
20	CP-OFDM QPSK	1	1	21.37	21.53	21.20
20	CP-OFDM 16QAM	1	1	21.36	21.55	20.92
20	CP-OFDM 64QAM	1	1	19.18	19.40	19.38
20	CP-OFDM 256QAM	1	1	16.17	16.45	16.37



DC_5A_5A_n2A

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	1	1	22.28	22.12	22.29
20	PI/2 BPSK	1	53	21.49	21.93	21.79
20		1	104	21.59	22.12	21.74
20		50	1	21.47	21.98	21.68
20		50	25	21.26	21.96	21.83
20		50	50	21.36	22.05	21.91
20		100	0	21.11	21.79	21.37
20		DFT-s-OFDM	1	1	20.36	22.49
20	QPSK	1	53	18.23	21.95	21.35
20		1	104	17.93	22.12	21.50
20		50	1	21.81	21.95	21.73
20		50	25	21.48	21.96	21.77
20		50	50	21.36	22.07	21.79
20		100	0	21.45	22.05	21.76
20		DFT-s-OFDM 16QAM	1	1	20.82	21.23
20	DFT-s-OFDM 64QAM	1	1	19.69	20.45	19.46
20	DFT-s-OFDM 256QAM	1	1	17.62	18.25	17.76
Channel				371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5
15	DFT-s-OFDM QPSK	1	1	21.02	21.81	21.78
Channel				371000	376000	381000
Frequency (MHz)				1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	21.11	21.77	22.05
Channel				370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5



5	DFT-s-OFDM QPSK	1	1	21.98	21.95	22.10
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1767.5
20	CP-OFDM QPSK	1	1	20.37	21.46	20.98
20	CP-OFDM 16QAM	1	1	20.18	21.36	21.03
20	CP-OFDM 64QAM	1	1	18.60	19.16	18.69
20	CP-OFDM 256QAM	1	1	14.79	15.99	15.69



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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	1	1	22.10	21.96	22.31
20	PI/2 BPSK	1	53	22.14	22.31	22.50
20		1	104	21.98	22.51	22.50
20		50	1	21.96	22.20	22.37
20		50	25	22.17	22.40	22.36
20		50	50	22.24	22.45	21.82
20		100	0	22.09	22.42	21.85
20		DFT-s-OFDM	1	1	22.42	22.68
20	QPSK	1	53	22.02	22.19	22.38
20		1	104	21.86	22.52	22.55
20		50	1	21.98	22.20	22.62
20		50	25	22.18	22.42	22.58
20		50	50	22.23	22.55	21.91
20		100	0	22.14	22.39	22.21
20		DFT-s-OFDM 16QAM	1	1	22.03	22.32
20	DFT-s-OFDM 64QAM	1	1	20.14	20.43	21.05
20	DFT-s-OFDM 256QAM	1	1	18.04	18.30	18.88
Channel				371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5
15	DFT-s-OFDM QPSK	1	1	21.71	21.88	22.54
Channel				371000	376000	381000
Frequency (MHz)				1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	21.86	22.13	22.56
Channel				370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5



5	DFT-s-OFDM QPSK	1	1	21.81	22.23	22.57
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1767.5
20	CP-OFDM QPSK	1	1	21.23	21.49	22.07
20	CP-OFDM 16QAM	1	1	21.48	21.45	22.03
20	CP-OFDM 64QAM	1	1	19.02	19.30	19.94
20	CP-OFDM 256QAM	1	1	16.04	16.32	16.95



DC_5A_66A_n2A

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	1	1	20.31	20.24	20.45
20	PI/2 BPSK	1	53	20.24	20.64	20.73
20		1	104	20.25	20.91	20.32
20		50	1	20.32	20.53	20.92
20		50	25	20.35	20.72	20.77
20		50	50	20.31	20.86	20.60
20		100	0	20.37	20.72	20.79
20		DFT-s-OFDM	1	1	20.26	20.93
20	QPSK	1	53	20.07	20.54	20.59
20		1	104	20.15	20.81	20.45
20		50	1	20.35	20.55	20.41
20		50	25	20.31	20.69	20.34
20		50	50	20.26	20.86	20.54
20		100	0	20.39	20.43	20.68
20		DFT-s-OFDM 16QAM	1	1	20.36	20.62
20	DFT-s-OFDM 64QAM	1	1	20.10	20.02	20.44
20	DFT-s-OFDM 256QAM	1	1	17.86	17.99	18.21
Channel				371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5
15	DFT-s-OFDM QPSK	1	1	20.21	20.26	20.64
Channel				371000	376000	381000
Frequency (MHz)				1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	20.31	20.35	20.75
Channel				370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5



5	DFT-s-OFDM QPSK	1	1	20.28	20.42	20.48
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1767.5
20	CP-OFDM QPSK	1	1	20.41	20.44	20.83
20	CP-OFDM 16QAM	1	1	20.73	20.73	20.28
20	CP-OFDM 64QAM	1	1	18.95	18.94	19.50
20	CP-OFDM 256QAM	1	1	16.20	16.00	16.54



DC_13A_66A_n2A

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	1	1	20.14	19.86	20.67
20	PI/2 BPSK	1	53	19.95	20.28	20.57
20		1	104	20.04	20.59	20.11
20		50	1	20.16	20.23	20.67
20		50	25	20.13	20.43	20.64
20		50	50	19.97	20.59	20.51
20		100	0	20.09	20.49	20.63
20		DFT-s-OFDM	1	1	20.60	20.68
20	QPSK	1	53	19.99	20.26	20.45
20		1	104	20.14	20.53	20.06
20		50	1	20.02	20.03	20.08
20		50	25	20.12	20.05	20.00
20		50	50	20.10	20.06	19.98
20		100	0	19.98	19.03	19.90
20		DFT-s-OFDM 16QAM	1	1	20.55	20.38
20	DFT-s-OFDM 64QAM	1	1	19.68	19.86	20.34
20	DFT-s-OFDM 256QAM	1	1	17.64	17.67	18.15
Channel				371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5
15	DFT-s-OFDM QPSK	1	1	20.24	20.35	20.60
Channel				371000	376000	381000
Frequency (MHz)				1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	20.15	20.09	20.21
Channel				370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5



5	DFT-s-OFDM QPSK	1	1	20.22	20.42	20.55
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1767.5
20	CP-OFDM QPSK	1	1	20.31	20.20	20.59
20	CP-OFDM 16QAM	1	1	20.34	20.56	20.39
20	CP-OFDM 64QAM	1	1	18.56	18.69	18.56
20	CP-OFDM 256QAM	1	1	15.83	15.84	16.08



DC_5B_n2A

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	1	1	20.94	21.56	22.31
20	PI/2 BPSK	1	53	21.05	21.86	22.20
20		1	104	21.38	22.20	21.98
20		50	1	21.55	21.60	22.34
20		50	25	22.05	21.86	22.21
20		50	50	21.86	22.08	22.14
20		100	0	21.77	21.78	22.23
20		DFT-s-OFDM	1	1	22.25	22.35
20	QPSK	1	53	22.06	22.01	22.20
20		1	104	21.93	22.18	21.88
20		50	1	20.80	21.68	21.34
20		50	25	21.18	21.93	21.21
20		50	50	20.77	21.26	21.20
20		100	0	21.20	21.15	21.31
20		DFT-s-OFDM 16QAM	1	1	21.24	21.72
20	DFT-s-OFDM 64QAM	1	1	19.85	19.95	20.62
20	DFT-s-OFDM 256QAM	1	1	17.37	17.67	17.56
Channel				371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5
15	DFT-s-OFDM QPSK	1	1	22.27	22.62	22.30
Channel				371000	376000	381000
Frequency (MHz)				1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	21.66	21.67	21.68
Channel				370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5



5	DFT-s-OFDM QPSK	1	1	22.37	22.17	22.23
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1767.5
20	CP-OFDM QPSK	1	1	21.33	21.26	21.52
20	CP-OFDM 16QAM	1	1	20.53	20.71	20.89
20	CP-OFDM 64QAM	1	1	18.46	18.76	18.85
20	CP-OFDM 256QAM	1	1	16.25	16.21	16.33



DC_2A_n5A

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	1	1	22.77	22.46	23.09
20	PI/2 BPSK	1	53	23.39	23.19	23.18
20		1	104	23.18	23.02	23.03
20		50	1	22.56	23.36	23.32
20		50	25	22.52	23.36	23.26
20		50	50	23.31	23.21	23.16
20		100	0	22.86	23.33	23.26
20		DFT-s-OFDM	1	1	23.52	23.37
20	QPSK	1	53	23.24	23.08	23.05
20		1	104	23.10	22.91	22.98
20		50	1	22.76	22.74	22.71
20		50	25	22.85	23.00	22.82
20		50	50	22.85	22.81	22.91
20		100	0	22.56	22.74	22.64
20		DFT-s-OFDM 16QAM	1	1	22.98	22.90
20	DFT-s-OFDM 64QAM	1	1	21.48	21.40	21.26
20	DFT-s-OFDM 256QAM	1	1	20.59	20.31	20.02
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM QPSK	1	1	22.92	22.80	22.48
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM QPSK	1	1	23.32	22.96	22.85
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM	1	1	22.41	22.31	22.46



	QPSK					
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	22.76	22.80	23.12
20	CP-OFDM 16QAM	1	1	22.81	22.92	22.81
20	CP-OFDM 64QAM	1	1	22.37	22.19	22.16
20	CP-OFDM 256QAM	1	1	21.61	21.39	21.31



DC_66A_n5A

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	1	1	22.95	22.72	22.65
20	PI/2 BPSK	1	53	22.68	22.51	22.50
20		1	104	22.66	23.44	23.42
20		50	1	22.44	22.65	22.63
20		50	25	22.64	22.64	23.49
20		50	50	22.36	22.49	23.50
20		100	0	22.51	22.48	22.37
20		DFT-s-OFDM	1	1	23.51	23.36
20	QPSK	1	53	22.68	22.81	22.69
20		1	104	22.91	23.35	23.35
20		50	1	22.78	22.62	22.55
20		50	25	22.82	22.59	22.45
20		50	50	22.64	22.44	22.44
20		100	0	22.74	22.49	22.29
20		DFT-s-OFDM 16QAM	1	1	23.17	23.11
20	DFT-s-OFDM 64QAM	1	1	22.06	22.49	22.10
20	DFT-s-OFDM 256QAM	1	1	21.16	21.06	21.01
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM QPSK	1	1	23.17	23.14	22.70
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM QPSK	1	1	23.16	23.01	22.84
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM	1	1	22.84	22.58	22.49



	QPSK					
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	22.79	22.68	22.66
20	CP-OFDM 16QAM	1	1	23.40	23.14	23.05
20	CP-OFDM 64QAM	1	1	22.76	22.73	23.29
20	CP-OFDM 256QAM	1	1	21.75	21.15	21.08



DC_2A_2A_n5A

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	1	1	23.45	23.39	23.43
20	PI/2 BPSK	1	53	23.36	23.46	23.42
20		1	104	23.42	23.41	23.35
20		50	1	23.39	23.40	23.48
20		50	25	23.43	23.46	23.47
20		50	50	23.46	23.45	23.47
20		100	0	23.48	23.42	23.39
20		DFT-s-OFDM	1	1	23.50	23.40
20	QPSK	1	53	23.16	23.28	23.43
20		1	104	23.44	23.38	23.33
20		50	1	23.36	23.39	23.33
20		50	25	23.24	23.37	23.30
20		50	50	23.46	23.41	23.47
20		100	0	23.48	23.40	23.39
20		DFT-s-OFDM 16QAM	1	1	23.26	23.21
20	DFT-s-OFDM 64QAM	1	1	21.74	21.81	21.86
20	DFT-s-OFDM 256QAM	1	1	19.63	19.67	19.73
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM QPSK	1	1	23.35	23.31	23.30
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM QPSK	1	1	23.44	23.42	23.43
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM	1	1	23.37	23.31	23.50



	QPSK					
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	22.91	22.87	22.85
20	CP-OFDM 16QAM	1	1	22.85	22.81	22.81
20	CP-OFDM 64QAM	1	1	20.75	20.69	20.65
20	CP-OFDM 256QAM	1	1	17.87	17.80	17.76



DC_2A_5A_n5A

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	1	1	22.09	22.25	22.34
20	PI/2 BPSK	1	53	22.51	22.69	22.70
20		1	104	22.65	22.72	22.62
20		50	1	22.35	22.53	22.62
20		50	25	22.53	22.71	22.71
20		50	50	22.69	22.60	22.75
20		100	0	22.49	22.64	22.64
20		DFT-s-OFDM	1	1	22.78	22.65
20	QPSK	1	53	22.50	22.57	22.62
20		1	104	22.57	22.59	22.51
20		50	1	22.36	22.51	22.62
20		50	25	22.56	22.65	22.73
20		50	50	22.65	22.75	22.74
20		100	0	22.53	22.67	22.67
20		DFT-s-OFDM 16QAM	1	1	22.37	22.55
20	DFT-s-OFDM 64QAM	1	1	20.50	20.70	20.81
20	DFT-s-OFDM 256QAM	1	1	18.83	18.53	18.65
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM QPSK	1	1	22.12	22.43	22.58
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM QPSK	1	1	22.06	22.48	22.76
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM	1	1	22.13	22.61	22.63



QPSK						
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	21.57	21.75	21.84
20	CP-OFDM 16QAM	1	1	21.53	21.67	21.82
20	CP-OFDM 64QAM	1	1	19.37	19.57	19.68
20	CP-OFDM 256QAM	1	1	16.49	16.66	16.77



DC_2A_13A_n5A

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	1	1	23.21	23.17	23.08
20	PI/2 BPSK	1	53	23.08	23.10	23.09
20		1	104	22.51	22.72	23.03
20		50	1	23.13	22.88	23.16
20		50	25	23.20	23.22	22.90
20		50	50	22.83	22.37	22.24
20		100	0	23.10	22.73	22.69
20		DFT-s-OFDM	1	1	23.41	23.35
20	QPSK	1	53	22.88	22.99	23.01
20		1	104	22.95	23.02	22.80
20		50	1	23.11	23.11	22.89
20		50	25	23.10	23.19	23.15
20		50	50	23.07	22.89	22.17
20		100	0	22.32	22.47	22.26
20		DFT-s-OFDM 16QAM	1	1	23.17	23.01
20	DFT-s-OFDM 64QAM	1	1	22.11	22.17	21.60
20	DFT-s-OFDM 256QAM	1	1	20.01	20.06	20.11
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM QPSK	1	1	23.27	23.35	23.34
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM QPSK	1	1	23.39	23.40	23.40
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM	1	1	23.38	23.24	23.26



	QPSK					
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	22.91	23.02	23.12
20	CP-OFDM 16QAM	1	1	22.74	22.83	22.72
20	CP-OFDM 64QAM	1	1	21.03	21.05	21.13
20	CP-OFDM 256QAM	1	1	18.21	18.23	18.20



DC_2A_66A_n5A

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	1	1	23.10	22.98	22.90
20	PI/2 BPSK	1	53	22.85	22.61	22.51
20		1	104	22.59	23.40	23.42
20		50	1	23.11	22.86	22.80
20		50	25	22.97	22.76	22.60
20		50	50	22.77	22.57	23.49
20		100	0	22.95	22.71	22.69
20	DFT-s-OFDM	1	1	23.33	23.50	23.29
20	QPSK	1	53	22.89	23.47	23.23
20		1	104	22.98	23.32	23.30
20		50	1	23.11	22.89	22.79
20		50	25	22.99	22.74	22.66
20		50	50	22.82	22.84	23.03
20		100	0	23.01	22.75	22.68
20	DFT-s-OFDM 16QAM	1	1	23.21	23.31	23.25
20	DFT-s-OFDM 64QAM	1	1	22.40	22.27	22.55
20	DFT-s-OFDM 256QAM	1	1	21.45	21.32	21.55
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM QPSK	1	1	22.42	23.07	22.88
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM QPSK	1	1	22.91	22.73	23.13
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM	1	1	22.70	23.06	22.81



	QPSK					
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	23.17	22.99	22.89
20	CP-OFDM 16QAM	1	1	23.08	23.33	23.40
20	CP-OFDM 64QAM	1	1	22.98	22.81	22.75
20	CP-OFDM 256QAM	1	1	20.89	20.81	20.87



DC_5A_66A_n5A

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	1	1	23.00	23.10	23.21
20	PI/2 BPSK	1	53	23.19	23.01	22.82
20		1	104	23.34	23.40	23.38
20		50	1	23.10	23.09	23.00
20		50	25	23.00	23.10	23.13
20		50	50	23.16	23.16	23.13
20		100	0	23.06	23.03	23.04
20		DFT-s-OFDM	1	1	23.46	23.50
20	QPSK	1	53	23.37	23.35	22.84
20		1	104	23.28	23.32	23.31
20		50	1	23.03	23.07	23.03
20		50	25	22.97	22.91	22.89
20		50	50	22.88	22.95	22.84
20		100	0	22.82	22.90	22.87
20		DFT-s-OFDM 16QAM	1	1	22.89	22.99
20	DFT-s-OFDM 64QAM	1	1	22.72	22.93	22.60
20	DFT-s-OFDM 256QAM	1	1	20.35	20.28	20.04
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM QPSK	1	1	22.84	22.76	23.08
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM QPSK	1	1	22.94	22.80	22.97
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM	1	1	23.38	23.41	23.42



	QPSK					
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	23.02	22.70	22.68
20	CP-OFDM 16QAM	1	1	22.41	22.05	22.30
20	CP-OFDM 64QAM	1	1	21.05	21.80	21.78
20	CP-OFDM 256QAM	1	1	18.52	18.52	18.45



DC_13A_66A_n5A

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	1	1	22.97	23.00	22.95
20	PI/2 BPSK	1	53	22.87	22.98	22.97
20		1	104	22.50	22.33	22.93
20		50	1	22.55	22.41	22.64
20		50	25	23.01	22.94	22.24
20		50	50	22.05	22.12	22.21
20		100	0	22.51	21.95	22.06
20		DFT-s-OFDM	1	1	22.85	23.11
20	QPSK	1	53	22.74	22.91	22.83
20		1	104	22.27	22.82	22.29
20		50	1	22.50	22.57	22.53
20		50	25	22.44	22.41	22.22
20		50	50	22.27	22.34	22.39
20		100	0	22.23	22.10	21.92
20		DFT-s-OFDM 16QAM	1	1	22.50	22.62
20	DFT-s-OFDM 64QAM	1	1	21.40	21.34	21.35
20	DFT-s-OFDM 256QAM	1	1	19.36	19.36	19.34
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM QPSK	1	1	22.87	22.84	22.73
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM QPSK	1	1	22.73	22.67	22.49
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM	1	1	22.79	22.64	22.28



	QPSK					
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	21.92	21.98	22.17
20	CP-OFDM 16QAM	1	1	21.72	21.78	21.98
20	CP-OFDM 64QAM	1	1	20.28	20.26	20.25
20	CP-OFDM 256QAM	1	1	17.51	17.52	17.48



DC_66A_66A_n5A

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	1	1	22.49	22.57	22.42
20	PI/2 BPSK	1	53	22.77	22.71	22.52
20		1	104	22.78	22.73	22.33
20		50	1	22.44	22.58	22.43
20		50	25	22.31	22.49	22.23
20		50	50	22.84	22.41	22.30
20		100	0	22.67	22.40	22.31
20		DFT-s-OFDM	1	1	22.97	22.85
20	QPSK	1	53	22.62	22.67	22.43
20		1	104	22.72	22.76	22.83
20		50	1	22.44	22.59	22.35
20		50	25	22.36	22.41	22.40
20		50	50	22.44	22.57	22.56
20		100	0	22.71	22.64	22.65
20		DFT-s-OFDM 16QAM	1	1	22.79	22.71
20	DFT-s-OFDM 64QAM	1	1	20.90	21.00	20.85
20	DFT-s-OFDM 256QAM	1	1	18.32	18.38	18.75
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM QPSK	1	1	22.15	22.37	22.50
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM QPSK	1	1	22.16	22.36	22.49
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM	1	1	22.20	22.50	22.54



	QPSK					
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	21.97	21.98	21.85
20	CP-OFDM 16QAM	1	1	21.95	21.94	21.83
20	CP-OFDM 64QAM	1	1	19.79	19.87	19.72
20	CP-OFDM 256QAM	1	1	16.51	16.53	16.85



DC_66B_n5A

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	1	1	22.19	22.40	22.54
20	PI/2 BPSK	1	53	22.43	22.61	22.67
20		1	104	22.36	22.51	22.49
20		50	1	22.45	22.64	22.74
20		50	25	22.51	22.76	22.73
20		50	50	22.60	22.68	22.66
20		100	0	22.59	22.66	22.73
20		DFT-s-OFDM	1	1	22.79	22.64
20	QPSK	1	53	22.51	22.57	22.56
20		1	104	22.47	22.41	22.39
20		50	1	22.48	22.69	22.67
20		50	25	22.62	22.77	22.78
20		50	50	22.62	22.72	22.73
20		100	0	22.55	22.69	22.69
20		DFT-s-OFDM 16QAM	1	1	22.52	22.68
20	DFT-s-OFDM 64QAM	1	1	20.63	20.87	20.94
20	DFT-s-OFDM 256QAM	1	1	18.59	18.80	18.91
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM QPSK	1	1	22.20	22.43	22.52
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM QPSK	1	1	22.18	22.45	22.65
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM	1	1	22.28	22.55	22.63



	QPSK					
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	21.71	21.86	21.98
20	CP-OFDM 16QAM	1	1	21.63	21.74	21.94
20	CP-OFDM 64QAM	1	1	19.51	19.71	19.80
20	CP-OFDM 256QAM	1	1	16.75	16.90	16.99



DC_66C_n5A

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	1	1	22.45	22.59	22.64
20	PI/2 BPSK	1	53	22.70	22.82	22.88
20		1	104	22.82	22.76	22.79
20		50	1	22.64	22.78	22.83
20		50	25	22.83	22.89	22.88
20		50	50	22.86	22.91	22.91
20		100	0	22.66	22.68	22.79
20		DFT-s-OFDM	1	1	23.40	23.48
20	QPSK	1	53	23.31	23.11	23.20
20		1	104	22.89	22.71	23.00
20		50	1	22.75	22.77	22.84
20		50	25	22.78	22.89	22.89
20		50	50	22.85	22.99	22.93
20		100	0	22.72	22.73	22.76
20		DFT-s-OFDM 16QAM	1	1	22.50	22.83
20	DFT-s-OFDM 64QAM	1	1	20.89	21.01	21.11
20	DFT-s-OFDM 256QAM	1	1	18.61	18.44	18.56
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM QPSK	1	1	22.39	22.61	22.69
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM QPSK	1	1	22.13	22.42	22.55
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM	1	1	22.22	22.48	22.59



	QPSK					
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	21.95	22.10	22.14
20	CP-OFDM 16QAM	1	1	21.91	22.06	22.13
20	CP-OFDM 64QAM	1	1	19.80	19.90	19.98
20	CP-OFDM 256QAM	1	1	16.47	16.63	16.71



DC_48A_n5A

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	1	1	22.91	23.03	23.02
20	PI/2 BPSK	1	53	22.96	23.08	23.03
20		1	104	22.78	22.73	22.67
20		50	1	22.97	23.06	23.13
20		50	25	22.95	23.14	23.08
20		50	50	23.05	23.04	22.89
20		100	0	23.14	23.13	23.05
20		DFT-s-OFDM	1	1	23.17	23.26
20	QPSK	1	53	22.78	22.97	22.88
20		1	104	22.68	22.63	22.57
20		50	1	22.94	23.09	23.04
20		50	25	22.95	23.11	23.10
20		50	50	22.97	22.98	22.92
20		100	0	23.08	23.08	23.02
20		DFT-s-OFDM 16QAM	1	1	22.74	22.94
20	DFT-s-OFDM 64QAM	1	1	21.36	21.43	21.40
20	DFT-s-OFDM 256QAM	1	1	19.18	19.29	19.30
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM QPSK	1	1	22.88	22.93	22.94
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM QPSK	1	1	22.91	22.98	22.76
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM	1	1	22.98	22.99	22.66



	QPSK					
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	22.45	22.52	22.48
20	CP-OFDM 16QAM	1	1	22.27	22.32	22.40
20	CP-OFDM 64QAM	1	1	20.20	20.21	20.27
20	CP-OFDM 256QAM	1	1	17.27	17.29	17.37



DC_48A_66A_n5A

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	1	1	22.87	23.05	23.01
20	PI/2 BPSK	1	53	22.89	23.04	23.03
20		1	104	22.74	22.70	22.63
20		50	1	23.02	23.07	23.12
20		50	25	23.05	23.20	23.16
20		50	50	23.14	23.05	22.97
20		100	0	23.03	23.15	23.07
20		DFT-s-OFDM	1	1	23.19	23.30
20	QPSK	1	53	22.90	23.02	22.94
20		1	104	22.73	22.66	22.62
20		50	1	23.02	23.10	23.06
20		50	25	23.04	23.11	23.08
20		50	50	23.05	23.01	22.89
20		100	0	23.00	23.09	22.96
20		DFT-s-OFDM 16QAM	1	1	22.87	22.89
20	DFT-s-OFDM 64QAM	1	1	21.34	21.49	21.47
20	DFT-s-OFDM 256QAM	1	1	19.23	19.28	19.29
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM QPSK	1	1	22.63	22.90	22.92
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM QPSK	1	1	22.81	22.84	22.81
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM	1	1	22.89	22.94	22.68



	QPSK					
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	22.47	22.52	22.46
20	CP-OFDM 16QAM	1	1	22.33	22.39	22.42
20	CP-OFDM 64QAM	1	1	20.26	20.28	20.32
20	CP-OFDM 256QAM	1	1	17.29	17.34	17.36



DC_5A_n66A

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1770
20	DFT-s-OFDM PI/2 BPSK	1	1	21.73	21.09	21.37
20		1	53	21.64	21.55	21.55
20		1	104	21.53	21.28	21.63
20		50	1	21.71	21.40	21.85
20		50	25	21.71	21.51	22.08
20		50	50	21.79	21.54	22.08
20		100	0	21.76	21.50	21.92
20	DFT-s-OFDM QPSK	1	1	21.93	22.09	21.80
20		1	53	21.67	21.53	21.43
20		1	104	21.70	21.51	21.77
20		50	1	21.51	21.39	21.80
20		50	50	21.27	21.53	21.40
20	100	0	21.37	21.51	21.33	
20	DFT-s-OFDM 16QAM	1	1	21.88	21.32	21.72
20	DFT-s-OFDM 64QAM	1	1	19.99	19.51	19.78
20	DFT-s-OFDM 256QAM	1	1	17.83	17.31	17.67
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	20.32	20.09	20.56
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	20.42	20.11	20.73
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	20.40	20.08	20.62



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1767.5
20	CP-OFDM QPSK	1	1	20.32	19.68	20.16
20	CP-OFDM 16QAM	1	1	20.74	20.17	20.65
20	CP-OFDM 64QAM	1	1	18.90	18.24	18.83
20	CP-OFDM 256QAM	1	1	15.95	15.30	15.72



DC_13A_n66A

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



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



DC_2A_5A_n66A

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	22.34	22.42	22.41
20		1	53	22.28	22.13	22.63
20		1	104	22.14	22.15	22.48
20		50	1	22.35	22.27	22.71
20		50	25	22.43	22.21	22.64
20		50	50	22.42	22.12	22.66
20		100	0	22.53	22.24	22.63
20	DFT-s-OFDM QPSK	1	1	22.65	22.85	22.73
20		1	53	22.40	22.09	22.56
20		1	104	22.37	22.03	22.69
20		50	1	22.50	22.36	22.54
20		50	50	22.52	22.15	22.70
20	100	0	22.54	22.26	22.72	
20	DFT-s-OFDM 16QAM	1	1	22.74	22.66	22.76
20	DFT-s-OFDM 64QAM	1	1	20.92	20.82	20.89
20	DFT-s-OFDM 256QAM	1	1	18.73	18.60	18.80
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	22.33	22.23	22.43
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	22.03	21.89	22.14
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	22.43	22.26	22.49



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1767.5
20	CP-OFDM QPSK	1	1	21.93	21.68	21.79
20	CP-OFDM 16QAM	1	1	21.89	21.55	21.94
20	CP-OFDM 64QAM	1	1	19.71	19.65	19.75
20	CP-OFDM 256QAM	1	1	16.71	16.69	16.57



DC_2A_13A_n66A

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	22.47	22.39	22.45
20		1	53	22.38	22.20	22.70
20		1	104	22.46	22.17	22.69
20		50	1	22.45	22.40	22.47
20		50	25	22.53	22.24	22.45
20		50	50	22.56	22.08	22.40
20		100	0	22.55	22.31	22.66
20	DFT-s-OFDM QPSK	1	1	22.62	22.89	22.75
20		1	53	22.43	22.45	22.32
20		1	104	22.43	22.37	22.77
20		50	1	22.52	22.41	22.60
20		50	50	22.56	22.16	22.51
20	100	0	22.55	22.28	22.47	
20	DFT-s-OFDM 16QAM	1	1	22.66	22.58	22.67
20	DFT-s-OFDM 64QAM	1	1	20.91	20.76	20.79
20	DFT-s-OFDM 256QAM	1	1	18.74	18.65	18.82
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	22.33	22.16	22.45
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	22.24	22.39	22.62
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	22.44	22.16	22.59



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1767.5
20	CP-OFDM QPSK	1	1	21.94	21.86	21.95
20	CP-OFDM 16QAM	1	1	21.92	21.85	21.94
20	CP-OFDM 64QAM	1	1	19.79	19.74	19.77
20	CP-OFDM 256QAM	1	1	16.80	16.78	16.73



DC_5A_5A_n66A

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	22.71	22.14	21.16
20		1	53	22.22	22.12	21.71
20		1	104	22.29	21.36	21.36
20		50	1	22.06	22.26	21.81
20		50	25	22.16	22.20	21.86
20		50	50	22.28	21.93	21.70
20		100	0	22.15	22.11	21.68
20	DFT-s-OFDM QPSK	1	1	22.94	22.86	22.75
20		1	53	22.09	22.10	22.58
20		1	104	22.36	22.50	22.45
20		50	1	22.48	22.29	21.81
20		50	50	22.43	21.93	21.78
20	100	0	22.29	22.09	21.70	
20	DFT-s-OFDM 16QAM	1	1	23.09	22.43	21.78
20	DFT-s-OFDM 64QAM	1	1	21.35	20.49	19.90
20	DFT-s-OFDM 256QAM	1	1	19.07	18.36	17.78
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	22.67	22.66	22.43
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	22.89	22.58	21.84
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	22.47	22.52	22.17



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1767.5
20	CP-OFDM QPSK	1	1	22.09	22.14	20.87
20	CP-OFDM 16QAM	1	1	21.96	22.06	20.94
20	CP-OFDM 64QAM	1	1	20.62	19.98	18.74
20	CP-OFDM 256QAM	1	1	17.50	17.01	16.74



DC_5A_13A_n66A

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	22.43	22.35	22.41
20		1	53	22.30	22.94	23.02
20		1	104	22.50	22.49	22.93
20		50	1	22.52	22.69	22.92
20		50	25	22.46	22.58	22.90
20		50	50	22.49	22.92	21.43
20		100	0	22.48	22.89	22.94
20	DFT-s-OFDM QPSK	1	1	23.05	22.94	22.96
20		1	53	22.55	22.70	22.68
20		1	104	22.41	22.41	22.87
20		50	1	22.52	22.83	22.26
20		50	50	22.50	22.44	22.55
20	100	0	22.29	22.87	22.74	
20	DFT-s-OFDM 16QAM	1	1	22.57	22.66	22.69
20	DFT-s-OFDM 64QAM	1	1	20.89	20.77	20.75
20	DFT-s-OFDM 256QAM	1	1	18.84	18.76	18.66
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	22.32	22.51	22.59
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	22.39	22.68	22.76
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	22.35	22.71	22.89



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1767.5
20	CP-OFDM QPSK	1	1	22.03	21.92	21.94
20	CP-OFDM 16QAM	1	1	21.92	21.83	21.91
20	CP-OFDM 64QAM	1	1	19.85	19.70	19.76
20	CP-OFDM 256QAM	1	1	16.85	16.70	16.72



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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	22.62	22.62	22.86
20		1	53	22.78	23.01	22.55
20		1	104	22.94	22.80	23.09
20		50	1	22.84	22.98	23.19
20		50	25	22.90	23.17	23.19
20		50	50	22.97	23.11	23.18
20		100	0	22.92	23.07	23.12
20	DFT-s-OFDM QPSK	1	1	23.20	23.09	23.14
20		1	53	22.81	23.09	22.71
20		1	104	22.85	22.80	23.14
20		50	1	22.80	23.01	23.00
20		50	50	22.99	23.16	23.00
20	100	0	22.93	22.82	22.85	
20	DFT-s-OFDM 16QAM	1	1	22.89	22.78	22.78
20	DFT-s-OFDM 64QAM	1	1	21.19	21.11	20.92
20	DFT-s-OFDM 256QAM	1	1	18.92	18.88	19.01
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	22.60	22.51	22.43
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	22.59	22.78	22.99
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	22.62	22.84	22.98



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1767.5
20	CP-OFDM QPSK	1	1	22.18	22.12	22.35
20	CP-OFDM 16QAM	1	1	22.12	22.12	22.26
20	CP-OFDM 64QAM	1	1	20.03	19.98	20.03
20	CP-OFDM 256QAM	1	1	17.05	17.03	17.17



DC_13A_66A_n66A

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	23.03	22.50	22.71
20		1	53	22.90	22.52	22.98
20		1	104	23.24	22.81	23.00
20		50	1	22.70	22.33	23.01
20		50	25	22.86	22.67	23.15
20		50	50	22.83	22.76	23.11
20		100	0	22.70	22.69	23.12
20	DFT-s-OFDM QPSK	1	1	23.29	23.24	23.15
20		1	53	23.11	22.97	23.11
20		1	104	22.89	22.78	23.13
20		50	1	22.63	22.60	23.01
20		50	50	22.83	22.77	23.19
20	100	0	22.42	22.70	23.09	
20	DFT-s-OFDM 16QAM	1	1	22.34	22.27	23.11
20	DFT-s-OFDM 64QAM	1	1	20.28	20.98	21.47
20	DFT-s-OFDM 256QAM	1	1	19.25	18.86	19.47
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	22.22	22.42	22.76
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	22.35	22.35	22.83
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	22.24	22.55	23.07



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1767.5
20	CP-OFDM QPSK	1	1	21.64	21.94	21.76
20	CP-OFDM 16QAM	1	1	21.68	21.48	21.51
20	CP-OFDM 64QAM	1	1	19.51	19.83	20.04
20	CP-OFDM 256QAM	1	1	17.51	16.92	17.24



DC_5B_n66A

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1770
20	DFT-s-OFDM PI/2 BPSK	1	1	21.62	21.92	22.85
20		1	53	21.79	22.42	22.55
20		1	104	22.01	22.16	22.18
20		50	1	21.85	22.20	22.36
20		50	25	21.91	22.48	22.44
20		50	50	22.05	22.47	22.40
20		100	0	21.98	22.80	22.39
20	DFT-s-OFDM QPSK	1	1	22.92	22.87	22.82
20		1	53	21.90	22.39	22.48
20		1	104	21.97	22.17	22.14
20		50	1	21.85	22.47	22.33
20		50	50	22.06	22.15	22.30
20	100	0	21.99	22.40	22.31	
20	DFT-s-OFDM 16QAM	1	1	22.04	22.17	22.18
20	DFT-s-OFDM 64QAM	1	1	20.25	20.37	20.31
20	DFT-s-OFDM 256QAM	1	1	17.96	18.16	18.48
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	22.61	22.75	22.04
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	22.68	22.88	22.78
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	22.64	22.89	22.51



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1767.5
20	CP-OFDM QPSK	1	1	22.22	22.07	22.37
20	CP-OFDM 16QAM	1	1	22.11	22.05	22.02
20	CP-OFDM 64QAM	1	1	20.06	19.89	20.09
20	CP-OFDM 256QAM	1	1	17.07	17.05	17.09



DC_2A_n77A

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



40	DFT-s-OFDM QPSK	1	1	24.28	24.27	24.39
Channel				647667	656000	664333
Frequency (MHz)				3715	3840	3965
30	DFT-s-OFDM QPSK	1	1	23.38	23.56	24.47
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	CP-OFDM QPSK	1	1	24.83	25.01	24.94
100	CP-OFDM 16QAM	1	1	24.07	24.34	24.58
100	CP-OFDM 64QAM	1	1	22.45	22.65	22.78
100	CP-OFDM 256QAM	1	1	19.87	19.17	19.98



DC_5A_n77A

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	26.02	26.09	26.50
100		1	136	25.91	26.60	26.46
100		1	272	25.71	26.22	26.15
100		135	1	25.67	25.91	26.19
100		135	67	25.99	26.56	26.49
100		135	136	25.56	26.22	26.13
100		270	0	25.67	26.04	26.20
100	DFT-s-OFDM QPSK	1	1	26.49	26.61	26.52
100		1	136	26.15	26.01	26.28
100		1	272	26.02	26.07	26.10
100		135	1	25.50	25.59	25.53
100		135	67	25.21	25.30	25.19
100		135	136	25.07	25.37	25.24
100		270	0	25.17	25.15	25.22
100	DFT-s-OFDM 16QAM	1	1	25.20	25.27	25.60
100	DFT-s-OFDM 64QAM	1	1	23.67	23.34	23.55
100	DFT-s-OFDM 256QAM	1	1	21.63	21.70	22.06
Channel				649333	656000	662667
Frequency (MHz)				3740	3840	3940
80	DFT-s-OFDM QPSK	1	1	26.14	26.05	26.54
Channel				648667	656000	663333
Frequency (MHz)				3730	3840	3950
60	DFT-s-OFDM QPSK	1	1	26.27	26.13	26.52
Channel				648000	656000	664000
Frequency (MHz)				3720	3840	3960



40	DFT-s-OFDM QPSK	1	1	26.59	26.53	26.37
Channel				647667	656000	664333
Frequency (MHz)				3715	3840	3965
30	DFT-s-OFDM QPSK	1	1	26.37	26.47	26.51
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	CP-OFDM QPSK	1	1	24.78	24.97	25.16
100	CP-OFDM 16QAM	1	1	24.05	24.27	24.68
100	CP-OFDM 64QAM	1	1	22.47	22.65	22.86
100	CP-OFDM 256QAM	1	1	20.03	19.92	20.30



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



40	DFT-s-OFDM QPSK	1	1	24.01	24.21	24.30
Channel				647667	656000	664333
Frequency (MHz)				3715	3840	3965
30	DFT-s-OFDM QPSK	1	1	23.72	24.04	23.82
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	CP-OFDM QPSK	1	1	24.82	25.01	25.05
100	CP-OFDM 16QAM	1	1	24.24	24.37	24.55
100	CP-OFDM 64QAM	1	1	22.68	22.73	22.85
100	CP-OFDM 256QAM	1	1	19.85	19.82	20.10



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



40	DFT-s-OFDM QPSK	1	1	23.69	24.05	24.10
Channel				647667	656000	664333
Frequency (MHz)				3715	3840	3965
30	DFT-s-OFDM QPSK	1	1	23.43	24.02	24.06
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	CP-OFDM QPSK	1	1	22.03	22.69	22.53
100	CP-OFDM 16QAM	1	1	21.21	21.87	21.91
100	CP-OFDM 64QAM	1	1	20.16	20.36	20.36
100	CP-OFDM 256QAM	1	1	17.23	17.42	17.37



DC_2A_2A_n77A

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	23.45	23.61	23.79
100		1	136	23.47	24.01	23.95
100		1	272	23.22	23.56	23.72
100		135	1	23.55	23.40	23.51
100		135	67	23.40	23.55	23.45
100		135	136	23.32	23.31	23.35
100		270	0	23.45	23.50	23.57
100	DFT-s-OFDM QPSK	1	1	23.97	24.03	23.91
100		1	136	23.54	23.98	23.73
100		1	272	23.15	23.59	23.26
100		135	1	23.33	23.51	23.41
100		135	67	23.40	23.97	23.34
100		135	136	23.15	23.25	23.21
100		270	0	22.91	23.52	23.14
100	DFT-s-OFDM 16QAM	1	1	22.52	22.65	22.97
100	DFT-s-OFDM 64QAM	1	1	20.75	20.93	21.08
100	DFT-s-OFDM 256QAM	1	1	19.01	19.25	19.43
Channel				649333	656000	662667
Frequency (MHz)				3740	3840	3940
80	DFT-s-OFDM QPSK	1	1	23.50	23.60	23.94
Channel				648667	656000	663333
Frequency (MHz)				3730	3840	3950
60	DFT-s-OFDM QPSK	1	1	23.73	23.71	23.52
Channel				648000	656000	664000
Frequency (MHz)				3720	3840	3960



40	DFT-s-OFDM QPSK	1	1	23.60	24.00	23.98
Channel				647667	656000	664333
Frequency (MHz)				3715	3840	3965
30	DFT-s-OFDM QPSK	1	1	23.42	24.02	23.97
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	CP-OFDM QPSK	1	1	22.35	22.45	22.53
100	CP-OFDM 16QAM	1	1	21.53	21.73	21.73
100	CP-OFDM 64QAM	1	1	20.05	20.03	20.17
100	CP-OFDM 256QAM	1	1	17.35	17.27	17.39



Effective Radiated Power and Effective Isotropic Radiated Power:

DC_5A_N2				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddleC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1900	1860	1880	1900
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	21.87	21.70	21.46	0.154	0.148	0.140
20		1	53	21.88	21.63	21.66	0.154	0.146	0.147
20		1	104	21.89	21.66	21.74	0.155	0.147	0.149
20		50	1	21.85	21.73	21.70	0.153	0.149	0.148
20		50	25	21.75	21.77	21.67	0.150	0.150	0.147
20		50	50	21.92	21.74	21.72	0.156	0.149	0.149
20		100	0	18.32	18.36	21.70	0.068	0.069	0.148
20	DFT-s-OFDM QPSK	1	1	21.31	21.95	21.52	0.135	0.157	0.142
20		1	53	21.79	21.49	21.67	0.151	0.141	0.147
20		1	104	21.73	21.47	21.77	0.149	0.140	0.150
20		50	1	21.47	21.73	21.70	0.140	0.149	0.148
20		50	25	21.40	21.75	21.72	0.138	0.150	0.149
20		50	50	21.92	21.75	21.80	0.156	0.150	0.151
20		100	0	21.94	21.79	21.79	0.156	0.151	0.151
20	DFT-s-OFDM 16QAM	1	1	21.79	21.90	21.89	0.151	0.155	0.155
20	DFT-s-OFDM 64QAM	1	1	20.01	20.08	19.97	0.100	0.102	0.099
20	DFT-s-OFDM 256QAM	1	1	18.16	18.00	17.89	0.065	0.063	0.062
Channel				371500	376000	380500	371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5	1857.5	1880	1902.5
15	DFT-s-OFDM QPSK	1	1	21.57	21.52	21.69	0.144	0.142	0.148
Channel				371000	376000	381000	371000	376000	381000
Frequency (MHz)				1855	1880	1905	1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	21.85	21.70	21.78	0.153	0.148	0.151
Channel				370500	376000	381500	370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5	1852.5	1880	1907.5



5	DFT-s-OFDM QPSK	1	1	21.41	21.63	21.44	0.138	0.146	0.139
Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1767.5	1860	1880	1767.5
20	CP-OFDM QPSK	1	1	20.89	21.07	21.02	0.123	0.128	0.126
20	CP-OFDM 16QAM	1	1	21.17	21.11	21.03	0.131	0.129	0.127
20	CP-OFDM 64QAM	1	1	19.15	19.05	18.94	0.082	0.080	0.078
20	CP-OFDM 256QAM	1	1	15.93	15.91	15.76	0.039	0.039	0.038



DC_13A_N2				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1900	1860	1880	1900
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	21.78	21.72	21.80	0.151	0.149	0.151
20		1	53	21.83	21.74	21.80	0.152	0.149	0.151
20		1	104	21.78	21.76	21.73	0.151	0.150	0.149
20		50	1	21.40	21.51	21.45	0.138	0.142	0.140
20		50	25	21.29	21.30	21.51	0.135	0.135	0.142
20		50	50	21.21	21.44	21.55	0.132	0.139	0.143
20		100	0	21.40	21.39	21.45	0.138	0.138	0.140
20	DFT-s-OFDM QPSK	1	1	21.70	21.97	21.74	0.148	0.157	0.149
20		1	53	21.66	21.62	21.64	0.147	0.145	0.146
20		1	104	21.68	21.60	21.66	0.147	0.145	0.147
20		50	1	21.48	21.42	21.49	0.141	0.139	0.141
20		50	25	21.41	21.37	21.35	0.138	0.137	0.136
20		50	50	21.39	21.35	21.25	0.138	0.136	0.133
20		100	0	21.35	21.35	21.48	0.136	0.136	0.141
20	DFT-s-OFDM 16QAM	1	1	21.89	21.95	21.96	0.155	0.157	0.157
20	DFT-s-OFDM 64QAM	1	1	20.24	20.36	20.33	0.106	0.109	0.108
20	DFT-s-OFDM 256QAM	1	1	18.11	18.05	18.11	0.065	0.064	0.065
Channel				371500	376000	380500	371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5	1857.5	1880	1902.5
15	DFT-s-OFDM QPSK	1	1	21.88	21.79	21.74	0.154	0.151	0.149
Channel				371000	376000	381000	371000	376000	381000
Frequency (MHz)				1855	1880	1905	1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	21.49	21.64	21.47	0.141	0.146	0.140
Channel				370500	376000	381500	370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5	1852.5	1880	1907.5
5	DFT-s-OFDM QPSK	1	1	21.85	21.83	21.81	0.153	0.152	0.152



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



DC_66A_N2				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1900	1860	1880	1900
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	21.77	21.84	21.81	0.150	0.153	0.152
20		1	53	21.66	21.79	21.45	0.147	0.151	0.140
20		1	104	21.64	21.79	21.62	0.146	0.151	0.145
20		50	1	21.87	21.84	21.58	0.154	0.153	0.144
20		50	25	21.81	21.86	21.47	0.152	0.153	0.140
20		50	50	21.71	21.92	21.41	0.148	0.156	0.138
20		100	0	21.81	21.91	21.41	0.152	0.155	0.138
20	DFT-s-OFDM QPSK	1	1	21.87	21.97	21.85	0.154	0.157	0.153
20		1	53	21.57	21.71	21.55	0.144	0.148	0.143
20		1	104	21.51	21.67	21.52	0.142	0.147	0.142
20		50	1	21.44	21.47	21.64	0.139	0.140	0.146
20		50	25	21.39	21.41	21.46	0.138	0.138	0.140
20		50	50	21.29	21.49	21.26	0.135	0.141	0.134
20		100	0	21.42	21.42	20.86	0.139	0.139	0.122
20	DFT-s-OFDM 16QAM	1	1	21.80	21.91	21.93	0.151	0.155	0.156
20	DFT-s-OFDM 64QAM	1	1	20.20	20.01	20.15	0.105	0.100	0.104
20	DFT-s-OFDM 256QAM	1	1	18.06	17.94	17.96	0.064	0.062	0.063
Channel				371500	376000	380500	371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5	1857.5	1880	1902.5
15	DFT-s-OFDM QPSK	1	1	21.93	21.75	21.54	0.156	0.150	0.143
Channel				371000	376000	381000	371000	376000	381000
Frequency (MHz)				1855	1880	1905	1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	21.92	21.80	21.61	0.156	0.151	0.145
Channel				370500	376000	381500	370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5	1852.5	1880	1907.5
5	DFT-s-OFDM QPSK	1	1	21.94	21.80	21.90	0.156	0.151	0.155



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



DC_2A_5A_N2				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1900	1860	1880	1900
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	20.23	20.41	21.03	0.105	0.110	0.127
20		1	53	20.10	20.75	20.83	0.102	0.119	0.121
20		1	104	20.40	20.85	20.73	0.110	0.122	0.118
20		50	1	20.45	20.69	20.52	0.111	0.117	0.113
20		50	25	19.92	20.84	21.09	0.098	0.121	0.129
20		50	50	20.11	21.01	21.07	0.103	0.126	0.128
20		100	0	20.87	20.92	21.09	0.122	0.124	0.129
20	DFT-s-OFDM QPSK	1	1	21.10	21.19	21.09	0.129	0.132	0.129
20		1	53	20.81	20.79	20.91	0.121	0.120	0.123
20		1	104	20.78	20.91	20.51	0.120	0.123	0.112
20		50	1	20.26	20.18	20.10	0.106	0.104	0.102
20		50	25	19.13	20.15	19.40	0.082	0.104	0.087
20		50	50	19.26	19.55	19.76	0.084	0.090	0.095
20		100	0	18.88	18.34	19.03	0.077	0.068	0.080
20	DFT-s-OFDM 16QAM	1	1	20.11	20.54	20.16	0.103	0.113	0.104
20	DFT-s-OFDM 64QAM	1	1	18.62	18.85	19.35	0.073	0.077	0.086
20	DFT-s-OFDM 256QAM	1	1	15.98	16.70	16.29	0.040	0.047	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 QPSK	1	1	18.87	18.91	19.07	0.077	0.078	0.081
Channel				371000	376000	381000	371000	376000	381000
Frequency (MHz)				1855	1880	1905	1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	19.45	19.50	19.62	0.088	0.089	0.092
Channel				370500	376000	381500	370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5	1852.5	1880	1907.5
5	DFT-s-OFDM QPSK	1	1	19.63	19.69	19.87	0.092	0.093	0.097



Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1767.5	1860	1880	1767.5
20	CP-OFDM QPSK	1	1	19.50	19.49	19.33	0.089	0.089	0.086
20	CP-OFDM 16QAM	1	1	19.12	18.91	19.36	0.082	0.078	0.086
20	CP-OFDM 64QAM	1	1	17.96	18.35	18.21	0.063	0.068	0.066
20	CP-OFDM 256QAM	1	1	15.07	15.27	15.21	0.032	0.034	0.033



DC_2A_13A_N2				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1900	1860	1880	1900
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	20.86	20.87	20.73	0.122	0.122	0.118
20		1	53	20.23	20.47	20.42	0.105	0.111	0.110
20		1	104	20.19	20.78	20.33	0.104	0.120	0.108
20		50	1	20.11	20.34	20.10	0.103	0.108	0.102
20		50	25	20.33	20.53	20.18	0.108	0.113	0.104
20		50	50	20.31	20.15	19.87	0.107	0.104	0.097
20		100	0	20.25	20.54	19.73	0.106	0.113	0.094
20	DFT-s-OFDM QPSK	1	1	20.87	20.99	20.79	0.122	0.126	0.120
20		1	53	20.48	20.37	20.19	0.112	0.109	0.104
20		1	104	20.19	20.67	20.58	0.104	0.117	0.114
20		50	1	20.09	20.37	20.16	0.102	0.109	0.104
20		50	25	20.30	20.57	20.18	0.107	0.114	0.104
20		50	50	20.29	20.37	19.89	0.107	0.109	0.097
20		100	0	20.21	20.54	19.89	0.105	0.113	0.097
20	DFT-s-OFDM 16QAM	1	1	20.19	20.08	19.67	0.104	0.102	0.093
20	DFT-s-OFDM 64QAM	1	1	18.26	18.56	18.43	0.067	0.072	0.070
20	DFT-s-OFDM 256QAM	1	1	16.17	16.44	16.23	0.041	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 QPSK	1	1	20.09	20.40	20.97	0.102	0.110	0.125
Channel				371000	376000	381000	371000	376000	381000
Frequency (MHz)				1855	1880	1905	1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	20.02	20.32	20.95	0.100	0.108	0.124
Channel				370500	376000	381500	370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5	1852.5	1880	1907.5
5	DFT-s-OFDM QPSK	1	1	19.89	20.41	20.96	0.097	0.110	0.125



Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1767.5	1860	1880	1767.5
20	CP-OFDM QPSK	1	1	19.37	19.53	19.20	0.086	0.090	0.083
20	CP-OFDM 16QAM	1	1	19.36	19.55	18.92	0.086	0.090	0.078
20	CP-OFDM 64QAM	1	1	17.18	17.40	17.38	0.052	0.055	0.055
20	CP-OFDM 256QAM	1	1	14.17	14.45	14.37	0.026	0.028	0.027



DC_5A_5A_N2				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1900	1860	1880	1900
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	20.28	20.12	20.29	0.107	0.103	0.107
20		1	53	19.49	19.93	19.79	0.089	0.098	0.095
20		1	104	19.59	20.12	19.74	0.091	0.103	0.094
20		50	1	19.47	19.98	19.68	0.089	0.100	0.093
20		50	25	19.26	19.96	19.83	0.084	0.099	0.096
20		50	50	19.36	20.05	19.91	0.086	0.101	0.098
20		100	0	19.11	19.79	19.37	0.081	0.095	0.086
20	DFT-s-OFDM QPSK	1	1	18.36	20.49	19.02	0.069	0.112	0.080
20		1	53	16.23	19.95	19.35	0.042	0.099	0.086
20		1	104	15.93	20.12	19.50	0.039	0.103	0.089
20		50	1	19.81	19.95	19.73	0.096	0.099	0.094
20		50	25	19.48	19.96	19.77	0.089	0.099	0.095
20		50	50	19.36	20.07	19.79	0.086	0.102	0.095
20		100	0	19.45	20.05	19.76	0.088	0.101	0.095
20	DFT-s-OFDM 16QAM	1	1	18.82	19.23	19.62	0.076	0.084	0.092
20	DFT-s-OFDM 64QAM	1	1	17.69	18.45	17.46	0.059	0.070	0.056
20	DFT-s-OFDM 256QAM	1	1	15.62	16.25	15.76	0.036	0.042	0.038
Channel				371500	376000	380500	371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5	1857.5	1880	1902.5
15	DFT-s-OFDM QPSK	1	1	19.02	19.81	19.78	0.080	0.096	0.095
Channel				371000	376000	381000	371000	376000	381000
Frequency (MHz)				1855	1880	1905	1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	19.11	19.77	20.05	0.081	0.095	0.101
Channel				370500	376000	381500	370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5	1852.5	1880	1907.5
5	DFT-s-OFDM QPSK	1	1	19.98	19.95	20.10	0.100	0.099	0.102



Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1767.5	1860	1880	1767.5
20	CP-OFDM QPSK	1	1	18.37	19.46	18.98	0.069	0.088	0.079
20	CP-OFDM 16QAM	1	1	18.18	19.36	19.03	0.066	0.086	0.080
20	CP-OFDM 64QAM	1	1	16.60	17.16	16.69	0.046	0.052	0.047
20	CP-OFDM 256QAM	1	1	12.79	13.99	13.69	0.019	0.025	0.023



DC_5A_13A_N2				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh. / EIRP
Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1900	1860	1880	1900
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	20.10	19.96	20.31	0.102	0.099	0.107
20		1	53	20.14	20.31	20.50	0.103	0.107	0.112
20		1	104	19.98	20.51	20.50	0.100	0.112	0.112
20		50	1	19.96	20.20	20.37	0.099	0.105	0.109
20		50	25	20.17	20.40	20.36	0.104	0.110	0.109
20		50	50	20.24	20.45	19.82	0.106	0.111	0.096
20		100	0	20.09	20.42	19.85	0.102	0.110	0.097
20	DFT-s-OFDM QPSK	1	1	20.42	20.68	20.49	0.110	0.117	0.112
20		1	53	20.02	20.19	20.38	0.100	0.104	0.109
20		1	104	19.86	20.52	20.55	0.097	0.113	0.114
20		50	1	19.98	20.20	20.62	0.100	0.105	0.115
20		50	25	20.18	20.42	20.58	0.104	0.110	0.114
20		50	50	20.23	20.55	19.91	0.105	0.114	0.098
20		100	0	20.14	20.39	20.21	0.103	0.109	0.105
20	DFT-s-OFDM 16QAM	1	1	20.03	20.32	20.59	0.101	0.108	0.115
20	DFT-s-OFDM 64QAM	1	1	18.14	18.43	19.05	0.065	0.070	0.080
20	DFT-s-OFDM 256QAM	1	1	16.04	16.30	16.88	0.040	0.043	0.049
Channel				371500	376000	380500	371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5	1857.5	1880	1902.5
15	DFT-s-OFDM QPSK	1	1	19.71	19.88	20.54	0.094	0.097	0.113
Channel				371000	376000	381000	371000	376000	381000
Frequency (MHz)				1855	1880	1905	1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	19.86	20.13	20.56	0.097	0.103	0.114
Channel				370500	376000	381500	370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5	1852.5	1880	1907.5
5	DFT-s-OFDM QPSK	1	1	19.81	20.23	20.57	0.096	0.105	0.114



Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1767.5	1860	1880	1767.5
20	CP-OFDM QPSK	1	1	19.23	19.49	20.07	0.084	0.089	0.102
20	CP-OFDM 16QAM	1	1	19.48	19.45	20.03	0.089	0.088	0.101
20	CP-OFDM 64QAM	1	1	17.02	17.30	17.94	0.050	0.054	0.062
20	CP-OFDM 256QAM	1	1	14.04	14.32	14.95	0.025	0.027	0.031



DC_5A_66A_N2				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1900	1860	1880	1900
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	18.31	18.24	18.45	0.068	0.067	0.070
20		1	53	18.24	18.64	18.73	0.067	0.073	0.075
20		1	104	18.25	18.91	18.32	0.067	0.078	0.068
20		50	1	18.32	18.53	18.92	0.068	0.071	0.078
20		50	25	18.35	18.72	18.77	0.068	0.074	0.075
20		50	50	18.31	18.86	18.60	0.068	0.077	0.072
20		100	0	18.37	18.72	18.79	0.069	0.074	0.076
20	DFT-s-OFDM QPSK	1	1	18.26	18.93	18.63	0.067	0.078	0.073
20		1	53	18.07	18.54	18.59	0.064	0.071	0.072
20		1	104	18.15	18.81	18.45	0.065	0.076	0.070
20		50	1	18.35	18.55	18.41	0.068	0.072	0.069
20		50	25	18.31	18.69	18.34	0.068	0.074	0.068
20		50	50	18.26	18.86	18.54	0.067	0.077	0.071
20		100	0	18.39	18.43	18.68	0.069	0.070	0.074
20	DFT-s-OFDM 16QAM	1	1	18.36	18.62	18.91	0.069	0.073	0.078
20	DFT-s-OFDM 64QAM	1	1	18.10	18.02	18.44	0.065	0.063	0.070
20	DFT-s-OFDM 256QAM	1	1	15.86	15.99	16.21	0.039	0.040	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 QPSK	1	1	18.21	18.26	18.64	0.066	0.067	0.073
Channel				371000	376000	381000	371000	376000	381000
Frequency (MHz)				1855	1880	1905	1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	18.31	18.35	18.75	0.068	0.068	0.075
Channel				370500	376000	381500	370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5	1852.5	1880	1907.5
5	DFT-s-OFDM QPSK	1	1	18.28	18.42	18.48	0.067	0.070	0.070



Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1767.5	1860	1880	1767.5
20	CP-OFDM QPSK	1	1	18.41	18.44	18.83	0.069	0.070	0.076
20	CP-OFDM 16QAM	1	1	18.73	18.73	18.28	0.075	0.075	0.067
20	CP-OFDM 64QAM	1	1	16.95	16.94	17.50	0.050	0.049	0.056
20	CP-OFDM 256QAM	1	1	14.20	14.00	14.54	0.026	0.025	0.028



DC_13A_66A_N2				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1900	1860	1880	1900
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	18.14	17.86	18.67	0.065	0.061	0.074
20		1	53	17.95	18.28	18.57	0.062	0.067	0.072
20		1	104	18.04	18.59	18.11	0.064	0.072	0.065
20		50	1	18.16	18.23	18.67	0.065	0.067	0.074
20		50	25	18.13	18.43	18.64	0.065	0.070	0.073
20		50	50	17.97	18.59	18.51	0.063	0.072	0.071
20		100	0	18.09	18.49	18.63	0.064	0.071	0.073
20	DFT-s-OFDM QPSK	1	1	18.60	18.68	18.56	0.072	0.074	0.072
20		1	53	17.99	18.26	18.45	0.063	0.067	0.070
20		1	104	18.14	18.53	18.06	0.065	0.071	0.064
20		50	1	18.02	18.03	18.08	0.063	0.064	0.064
20		50	25	18.12	18.05	18.00	0.065	0.064	0.063
20		50	50	18.10	18.06	17.98	0.065	0.064	0.063
20		100	0	17.98	17.03	17.90	0.063	0.050	0.062
20	DFT-s-OFDM 16QAM	1	1	18.55	18.38	18.57	0.072	0.069	0.072
20	DFT-s-OFDM 64QAM	1	1	17.68	17.86	18.34	0.059	0.061	0.068
20	DFT-s-OFDM 256QAM	1	1	15.64	15.67	16.15	0.037	0.037	0.041
Channel				371500	376000	380500	371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5	1857.5	1880	1902.5
15	DFT-s-OFDM QPSK	1	1	18.24	18.35	18.60	0.067	0.068	0.072
Channel				371000	376000	381000	371000	376000	381000
Frequency (MHz)				1855	1880	1905	1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	18.15	18.09	18.21	0.065	0.064	0.066
Channel				370500	376000	381500	370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5	1852.5	1880	1907.5
5	DFT-s-OFDM QPSK	1	1	18.22	18.42	18.55	0.066	0.070	0.072



Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1767.5	1860	1880	1767.5
20	CP-OFDM QPSK	1	1	18.31	18.20	18.59	0.068	0.066	0.072
20	CP-OFDM 16QAM	1	1	18.34	18.56	18.39	0.068	0.072	0.069
20	CP-OFDM 64QAM	1	1	16.56	16.69	16.56	0.045	0.047	0.045
20	CP-OFDM 256QAM	1	1	13.83	13.84	14.08	0.024	0.024	0.026



DC_5B_N2				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh. / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh. / EIRP
Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1900	1860	1880	1900
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	18.94	19.56	20.31	0.078	0.090	0.107
20		1	53	19.05	19.86	20.20	0.080	0.097	0.105
20		1	104	19.38	20.20	19.98	0.087	0.105	0.100
20		50	1	19.55	19.60	20.34	0.090	0.091	0.108
20		50	25	20.05	19.86	20.21	0.101	0.097	0.105
20		50	50	19.86	20.08	20.14	0.097	0.102	0.103
20		100	0	19.77	19.78	20.23	0.095	0.095	0.105
20	DFT-s-OFDM QPSK	1	1	20.25	20.35	20.15	0.106	0.108	0.104
20		1	53	20.06	20.01	20.20	0.101	0.100	0.105
20		1	104	19.93	20.18	19.88	0.098	0.104	0.097
20		50	1	18.80	19.68	19.34	0.076	0.093	0.086
20		50	25	19.18	19.93	19.21	0.083	0.098	0.083
20		50	50	18.77	19.26	19.20	0.075	0.084	0.083
20		100	0	19.20	19.15	19.31	0.083	0.082	0.085
20	DFT-s-OFDM 16QAM	1	1	19.24	19.72	19.89	0.084	0.094	0.097
20	DFT-s-OFDM 64QAM	1	1	17.85	17.95	18.62	0.061	0.062	0.073
20	DFT-s-OFDM 256QAM	1	1	15.37	15.67	15.56	0.034	0.037	0.036
Channel				371500	376000	380500	371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5	1857.5	1880	1902.5
15	DFT-s-OFDM QPSK	1	1	20.27	20.62	20.30	0.106	0.115	0.107
Channel				371000	376000	381000	371000	376000	381000
Frequency (MHz)				1855	1880	1905	1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	19.66	19.67	19.68	0.092	0.093	0.093
Channel				370500	376000	381500	370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5	1852.5	1880	1907.5
5	DFT-s-OFDM QPSK	1	1	20.37	20.17	20.23	0.109	0.104	0.105



Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1767.5	1860	1880	1767.5
20	CP-OFDM QPSK	1	1	19.33	19.26	19.52	0.086	0.084	0.090
20	CP-OFDM 16QAM	1	1	18.53	18.71	18.89	0.071	0.074	0.077
20	CP-OFDM 64QAM	1	1	16.46	16.76	16.85	0.044	0.047	0.048
20	CP-OFDM 256QAM	1	1	14.25	14.21	14.33	0.027	0.026	0.027



DC_2A_N5				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / 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	19.72	19.41	20.04	0.094	0.087	0.101
20		1	53	20.34	20.14	20.13	0.108	0.103	0.103
20		1	104	20.13	19.97	19.98	0.103	0.099	0.100
20		50	1	19.51	20.31	20.27	0.089	0.107	0.106
20		50	25	19.47	20.31	20.21	0.089	0.107	0.105
20		50	50	20.26	20.16	20.11	0.106	0.104	0.103
20		100	0	19.81	20.28	20.21	0.096	0.107	0.105
20	DFT-s-OFDM QPSK	1	1	20.47	20.32	20.31	0.111	0.108	0.107
20		1	53	20.19	20.03	20.00	0.104	0.101	0.100
20		1	104	20.05	19.86	19.93	0.101	0.097	0.098
20		50	1	19.71	19.69	19.66	0.094	0.093	0.092
20		50	25	19.80	19.95	19.77	0.095	0.099	0.095
20		50	50	19.80	19.76	19.86	0.095	0.095	0.097
20		100	0	19.51	19.69	19.59	0.089	0.093	0.091
20	DFT-s-OFDM 16QAM	1	1	19.93	19.85	19.64	0.098	0.097	0.092
20	DFT-s-OFDM 64QAM	1	1	18.43	18.35	18.21	0.070	0.068	0.066
20	DFT-s-OFDM 256QAM	1	1	17.54	17.26	16.97	0.057	0.053	0.050
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 QPSK	1	1	19.87	19.75	19.43	0.097	0.094	0.088
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM QPSK	1	1	20.27	19.91	19.80	0.106	0.098	0.095
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 QPSK	1	1	19.36	19.26	19.41	0.086	0.084	0.087



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	19.71	19.75	20.07	0.094	0.094	0.102
20	CP-OFDM 16QAM	1	1	19.76	19.87	19.76	0.095	0.097	0.095
20	CP-OFDM 64QAM	1	1	19.32	19.14	19.11	0.086	0.082	0.081
20	CP-OFDM 256QAM	1	1	18.56	18.34	18.26	0.072	0.068	0.067



DC_66A_N5				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / 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	19.90	19.67	19.60	0.098	0.093	0.091
20		1	53	19.63	19.46	19.45	0.092	0.088	0.088
20		1	104	19.61	20.39	20.37	0.091	0.109	0.109
20		50	1	19.39	19.60	19.58	0.087	0.091	0.091
20		50	25	19.59	19.59	20.44	0.091	0.091	0.111
20		50	50	19.31	19.44	20.45	0.085	0.088	0.111
20		100	0	19.46	19.43	19.32	0.088	0.088	0.086
20	DFT-s-OFDM QPSK	1	1	20.46	20.31	20.23	0.111	0.107	0.105
20		1	53	19.63	19.76	19.64	0.092	0.095	0.092
20		1	104	19.86	20.30	20.30	0.097	0.107	0.107
20		50	1	19.73	19.57	19.50	0.094	0.091	0.089
20		50	25	19.77	19.54	19.40	0.095	0.090	0.087
20		50	50	19.59	19.39	19.39	0.091	0.087	0.087
20		100	0	19.69	19.44	19.24	0.093	0.088	0.084
20	DFT-s-OFDM 16QAM	1	1	20.12	20.06	19.94	0.103	0.101	0.099
20	DFT-s-OFDM 64QAM	1	1	19.01	19.44	19.05	0.080	0.088	0.080
20	DFT-s-OFDM 256QAM	1	1	18.11	18.01	17.96	0.065	0.063	0.063
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 QPSK	1	1	20.12	20.09	19.65	0.103	0.102	0.092
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM QPSK	1	1	20.11	19.96	19.79	0.103	0.099	0.095
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 QPSK	1	1	19.79	19.53	19.44	0.095	0.090	0.088



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	19.74	19.63	19.61	0.094	0.092	0.091
20	CP-OFDM 16QAM	1	1	20.35	20.09	20.00	0.108	0.102	0.100
20	CP-OFDM 64QAM	1	1	19.71	19.68	20.24	0.094	0.093	0.106
20	CP-OFDM 256QAM	1	1	18.70	18.10	18.03	0.074	0.065	0.064



DC_2A_2A_N5				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / 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	20.40	20.34	20.38	0.110	0.108	0.109
20		1	53	20.31	20.41	20.37	0.107	0.110	0.109
20		1	104	20.37	20.36	20.30	0.109	0.109	0.107
20		50	1	20.34	20.35	20.43	0.108	0.108	0.110
20		50	25	20.38	20.41	20.42	0.109	0.110	0.110
20		50	50	20.41	20.40	20.42	0.110	0.110	0.110
20		100	0	20.43	20.37	20.34	0.110	0.109	0.108
20	DFT-s-OFDM QPSK	1	1	20.45	20.35	20.31	0.111	0.108	0.107
20		1	53	20.11	20.23	20.38	0.103	0.105	0.109
20		1	104	20.39	20.33	20.28	0.109	0.108	0.107
20		50	1	20.31	20.34	20.28	0.107	0.108	0.107
20		50	25	20.19	20.32	20.25	0.104	0.108	0.106
20		50	50	20.41	20.36	20.42	0.110	0.109	0.110
20		100	0	20.43	20.35	20.34	0.110	0.108	0.108
20	DFT-s-OFDM 16QAM	1	1	20.21	20.16	20.36	0.105	0.104	0.109
20	DFT-s-OFDM 64QAM	1	1	18.69	18.76	18.81	0.074	0.075	0.076
20	DFT-s-OFDM 256QAM	1	1	16.58	16.62	16.68	0.045	0.046	0.047
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 QPSK	1	1	20.30	20.26	20.25	0.107	0.106	0.106
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM QPSK	1	1	20.39	20.37	20.38	0.109	0.109	0.109
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 QPSK	1	1	20.32	20.26	20.45	0.108	0.106	0.111



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	19.86	19.82	19.80	0.097	0.096	0.095
20	CP-OFDM 16QAM	1	1	19.80	19.76	19.76	0.095	0.095	0.095
20	CP-OFDM 64QAM	1	1	17.70	17.64	17.60	0.059	0.058	0.058
20	CP-OFDM 256QAM	1	1	14.82	14.75	14.71	0.030	0.030	0.030



DC_2A_5A_N5				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / 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	19.04	19.20	19.29	0.080	0.083	0.085
20		1	53	19.46	19.64	19.65	0.088	0.092	0.092
20		1	104	19.60	19.67	19.57	0.091	0.093	0.091
20		50	1	19.30	19.48	19.57	0.085	0.089	0.091
20		50	25	19.48	19.66	19.66	0.089	0.092	0.092
20		50	50	19.64	19.55	19.70	0.092	0.090	0.093
20		100	0	19.44	19.59	19.59	0.088	0.091	0.091
20	DFT-s-OFDM QPSK	1	1	19.73	19.60	19.63	0.094	0.091	0.092
20		1	53	19.45	19.52	19.57	0.088	0.090	0.091
20		1	104	19.52	19.54	19.46	0.090	0.090	0.088
20		50	1	19.31	19.46	19.57	0.085	0.088	0.091
20		50	25	19.51	19.60	19.68	0.089	0.091	0.093
20		50	50	19.60	19.70	19.69	0.091	0.093	0.093
20		100	0	19.48	19.62	19.62	0.089	0.092	0.092
20	DFT-s-OFDM 16QAM	1	1	19.32	19.50	19.62	0.086	0.089	0.092
20	DFT-s-OFDM 64QAM	1	1	17.45	17.65	17.76	0.056	0.058	0.060
20	DFT-s-OFDM 256QAM	1	1	15.78	15.48	15.60	0.038	0.035	0.036
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 QPSK	1	1	19.07	19.38	19.53	0.081	0.087	0.090
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM QPSK	1	1	19.01	19.43	19.71	0.080	0.088	0.094
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 QPSK	1	1	19.08	19.56	19.58	0.081	0.090	0.091



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	18.52	18.70	18.79	0.071	0.074	0.076
20	CP-OFDM 16QAM	1	1	18.48	18.62	18.77	0.070	0.073	0.075
20	CP-OFDM 64QAM	1	1	16.32	16.52	16.63	0.043	0.045	0.046
20	CP-OFDM 256QAM	1	1	13.44	13.61	13.72	0.022	0.023	0.024



DC_2A_13A_N5				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / 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	20.16	20.12	20.03	0.104	0.103	0.101
20		1	53	20.03	20.05	20.04	0.101	0.101	0.101
20		1	104	19.46	19.67	19.98	0.088	0.093	0.100
20		50	1	20.08	19.83	20.11	0.102	0.096	0.103
20		50	25	20.15	20.17	19.85	0.104	0.104	0.097
20		50	50	19.78	19.32	19.19	0.095	0.086	0.083
20		100	0	20.05	19.68	19.64	0.101	0.093	0.092
20	DFT-s-OFDM QPSK	1	1	20.36	20.30	20.27	0.109	0.107	0.106
20		1	53	19.83	19.94	19.96	0.096	0.099	0.099
20		1	104	19.90	19.97	19.75	0.098	0.099	0.094
20		50	1	20.06	20.06	19.84	0.101	0.101	0.096
20		50	25	20.05	20.14	20.10	0.101	0.103	0.102
20		50	50	20.02	19.84	19.12	0.100	0.096	0.082
20		100	0	19.27	19.42	19.21	0.085	0.087	0.083
20	DFT-s-OFDM 16QAM	1	1	20.12	19.96	19.37	0.103	0.099	0.086
20	DFT-s-OFDM 64QAM	1	1	19.06	19.12	18.55	0.081	0.082	0.072
20	DFT-s-OFDM 256QAM	1	1	16.96	17.01	17.06	0.050	0.050	0.051
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 QPSK	1	1	20.22	20.30	20.29	0.105	0.107	0.107
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM QPSK	1	1	20.34	20.35	20.35	0.108	0.108	0.108
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 QPSK	1	1	20.33	20.19	20.21	0.108	0.104	0.105



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	19.86	19.97	20.07	0.097	0.099	0.102
20	CP-OFDM 16QAM	1	1	19.69	19.78	19.67	0.093	0.095	0.093
20	CP-OFDM 64QAM	1	1	17.98	18.00	18.08	0.063	0.063	0.064
20	CP-OFDM 256QAM	1	1	15.16	15.18	15.15	0.033	0.033	0.033



DC_2A_66A_N5				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / 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	20.05	19.93	19.85	0.101	0.098	0.097
20		1	53	19.80	19.56	19.46	0.095	0.090	0.088
20		1	104	19.54	20.35	20.37	0.090	0.108	0.109
20		50	1	20.06	19.81	19.75	0.101	0.096	0.094
20		50	25	19.92	19.71	19.55	0.098	0.094	0.090
20		50	50	19.72	19.52	20.44	0.094	0.090	0.111
20		100	0	19.90	19.66	19.64	0.098	0.092	0.092
20	DFT-s-OFDM QPSK	1	1	20.28	20.45	20.24	0.107	0.111	0.106
20		1	53	19.84	20.42	20.18	0.096	0.110	0.104
20		1	104	19.93	20.27	20.25	0.098	0.106	0.106
20		50	1	20.06	19.84	19.74	0.101	0.096	0.094
20		50	25	19.94	19.69	19.61	0.099	0.093	0.091
20		50	50	19.77	19.79	19.98	0.095	0.095	0.100
20		100	0	19.96	19.70	19.63	0.099	0.093	0.092
20	DFT-s-OFDM 16QAM	1	1	20.16	20.26	20.20	0.104	0.106	0.105
20	DFT-s-OFDM 64QAM	1	1	19.35	19.22	19.50	0.086	0.084	0.089
20	DFT-s-OFDM 256QAM	1	1	18.40	18.27	18.50	0.069	0.067	0.071
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 QPSK	1	1	19.37	20.02	19.83	0.086	0.100	0.096
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM QPSK	1	1	19.86	19.68	20.08	0.097	0.093	0.102
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 QPSK	1	1	19.65	20.01	19.76	0.092	0.100	0.095



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	20.12	19.94	19.84	0.103	0.099	0.096
20	CP-OFDM 16QAM	1	1	20.03	20.28	20.35	0.101	0.107	0.108
20	CP-OFDM 64QAM	1	1	19.93	19.76	19.70	0.098	0.095	0.093
20	CP-OFDM 256QAM	1	1	17.84	17.76	17.82	0.061	0.060	0.061



DC_5A_66A_N5				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / 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	19.95	20.05	20.16	0.099	0.101	0.104
20		1	53	20.14	19.96	19.77	0.103	0.099	0.095
20		1	104	20.29	20.35	20.33	0.107	0.108	0.108
20		50	1	20.05	20.04	19.95	0.101	0.101	0.099
20		50	25	19.95	20.05	20.08	0.099	0.101	0.102
20		50	50	20.11	20.11	20.08	0.103	0.103	0.102
20		100	0	20.01	19.98	19.99	0.100	0.100	0.100
20	DFT-s-OFDM QPSK	1	1	20.41	20.45	20.33	0.110	0.111	0.108
20		1	53	20.32	20.30	19.79	0.108	0.107	0.095
20		1	104	20.23	20.27	20.26	0.105	0.106	0.106
20		50	1	19.98	20.02	19.98	0.100	0.100	0.100
20		50	25	19.92	19.86	19.84	0.098	0.097	0.096
20		50	50	19.83	19.90	19.79	0.096	0.098	0.095
20		100	0	19.77	19.85	19.82	0.095	0.097	0.096
20	DFT-s-OFDM 16QAM	1	1	19.84	19.94	19.80	0.096	0.099	0.095
20	DFT-s-OFDM 64QAM	1	1	19.67	19.88	19.55	0.093	0.097	0.090
20	DFT-s-OFDM 256QAM	1	1	17.30	17.23	16.99	0.054	0.053	0.050
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 QPSK	1	1	19.79	19.71	20.03	0.095	0.094	0.101
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM QPSK	1	1	19.89	19.75	19.92	0.097	0.094	0.098
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 QPSK	1	1	20.33	20.36	20.37	0.108	0.109	0.109



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	19.97	19.65	19.63	0.099	0.092	0.092
20	CP-OFDM 16QAM	1	1	19.36	19.00	19.25	0.086	0.079	0.084
20	CP-OFDM 64QAM	1	1	18.00	18.75	18.73	0.063	0.075	0.075
20	CP-OFDM 256QAM	1	1	15.47	15.47	15.40	0.035	0.035	0.035



DC_13A_66A_N5				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / 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	19.92	19.95	19.90	0.098	0.099	0.098
20		1	53	19.82	19.93	19.92	0.096	0.098	0.098
20		1	104	19.45	19.28	19.88	0.088	0.085	0.097
20		50	1	19.50	19.36	19.59	0.089	0.086	0.091
20		50	25	19.96	19.89	19.19	0.099	0.097	0.083
20		50	50	19.00	19.07	19.16	0.079	0.081	0.082
20		100	0	19.46	18.90	19.01	0.088	0.078	0.080
20	DFT-s-OFDM QPSK	1	1	19.80	20.06	19.87	0.095	0.101	0.097
20		1	53	19.69	19.86	19.78	0.093	0.097	0.095
20		1	104	19.22	19.77	19.24	0.084	0.095	0.084
20		50	1	19.45	19.52	19.48	0.088	0.090	0.089
20		50	25	19.39	19.36	19.17	0.087	0.086	0.083
20		50	50	19.22	19.29	19.34	0.084	0.085	0.086
20		100	0	19.18	19.05	18.87	0.083	0.080	0.077
20	DFT-s-OFDM 16QAM	1	1	19.45	19.57	19.64	0.088	0.091	0.092
20	DFT-s-OFDM 64QAM	1	1	18.35	18.29	18.30	0.068	0.067	0.068
20	DFT-s-OFDM 256QAM	1	1	16.31	16.31	16.29	0.043	0.043	0.043
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 QPSK	1	1	19.82	19.79	19.68	0.096	0.095	0.093
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM QPSK	1	1	19.68	19.62	19.44	0.093	0.092	0.088
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 QPSK	1	1	19.74	19.59	19.23	0.094	0.091	0.084



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	18.87	18.93	19.12	0.077	0.078	0.082
20	CP-OFDM 16QAM	1	1	18.67	18.73	18.93	0.074	0.075	0.078
20	CP-OFDM 64QAM	1	1	17.23	17.21	17.20	0.053	0.053	0.052
20	CP-OFDM 256QAM	1	1	14.46	14.47	14.43	0.028	0.028	0.028



DC_66A_66A_N5				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / 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	19.44	19.52	19.37	0.088	0.090	0.086
20		1	53	19.72	19.66	19.47	0.094	0.092	0.089
20		1	104	19.73	19.68	19.28	0.094	0.093	0.085
20		50	1	19.39	19.53	19.38	0.087	0.090	0.087
20		50	25	19.26	19.44	19.18	0.084	0.088	0.083
20		50	50	19.79	19.36	19.25	0.095	0.086	0.084
20		100	0	19.62	19.35	19.26	0.092	0.086	0.084
20	DFT-s-OFDM QPSK	1	1	19.92	19.80	19.82	0.098	0.095	0.096
20		1	53	19.57	19.62	19.38	0.091	0.092	0.087
20		1	104	19.67	19.71	19.78	0.093	0.094	0.095
20		50	1	19.39	19.54	19.30	0.087	0.090	0.085
20		50	25	19.31	19.36	19.35	0.085	0.086	0.086
20		50	50	19.39	19.52	19.51	0.087	0.090	0.089
20		100	0	19.66	19.59	19.60	0.092	0.091	0.091
20	DFT-s-OFDM 16QAM	1	1	19.74	19.66	19.63	0.094	0.092	0.092
20	DFT-s-OFDM 64QAM	1	1	17.85	17.95	17.80	0.061	0.062	0.060
20	DFT-s-OFDM 256QAM	1	1	15.27	15.33	15.70	0.034	0.034	0.037
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 QPSK	1	1	19.10	19.32	19.45	0.081	0.086	0.088
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM QPSK	1	1	19.11	19.31	19.44	0.081	0.085	0.088
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 QPSK	1	1	19.15	19.45	19.49	0.082	0.088	0.089



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	18.92	18.93	18.80	0.078	0.078	0.076
20	CP-OFDM 16QAM	1	1	18.90	18.89	18.78	0.078	0.077	0.076
20	CP-OFDM 64QAM	1	1	16.74	16.82	16.67	0.047	0.048	0.046
20	CP-OFDM 256QAM	1	1	13.46	13.48	13.80	0.022	0.022	0.024



DC_66B_N5				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / 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	19.14	19.35	19.49	0.082	0.086	0.089
20		1	53	19.38	19.56	19.62	0.087	0.090	0.092
20		1	104	19.31	19.46	19.44	0.085	0.088	0.088
20		50	1	19.40	19.59	19.69	0.087	0.091	0.093
20		50	25	19.46	19.71	19.68	0.088	0.094	0.093
20		50	50	19.55	19.63	19.61	0.090	0.092	0.091
20		100	0	19.54	19.61	19.68	0.090	0.091	0.093
20	DFT-s-OFDM QPSK	1	1	19.74	19.59	19.64	0.094	0.091	0.092
20		1	53	19.46	19.52	19.51	0.088	0.090	0.089
20		1	104	19.42	19.36	19.34	0.087	0.086	0.086
20		50	1	19.43	19.64	19.62	0.088	0.092	0.092
20		50	25	19.57	19.72	19.73	0.091	0.094	0.094
20		50	50	19.57	19.67	19.68	0.091	0.093	0.093
20		100	0	19.50	19.64	19.64	0.089	0.092	0.092
20	DFT-s-OFDM 16QAM	1	1	19.47	19.63	19.70	0.089	0.092	0.093
20	DFT-s-OFDM 64QAM	1	1	17.58	17.82	17.89	0.057	0.061	0.062
20	DFT-s-OFDM 256QAM	1	1	15.54	15.75	15.86	0.036	0.038	0.039
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 QPSK	1	1	19.15	19.38	19.47	0.082	0.087	0.089
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM QPSK	1	1	19.13	19.40	19.60	0.082	0.087	0.091
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 QPSK	1	1	19.23	19.50	19.58	0.084	0.089	0.091



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	18.66	18.81	18.93	0.073	0.076	0.078
20	CP-OFDM 16QAM	1	1	18.58	18.69	18.89	0.072	0.074	0.077
20	CP-OFDM 64QAM	1	1	16.46	16.66	16.75	0.044	0.046	0.047
20	CP-OFDM 256QAM	1	1	13.70	13.85	13.94	0.023	0.024	0.025



DC_66C_N5				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / 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	19.40	19.54	19.59	0.087	0.090	0.091
20		1	53	19.65	19.77	19.83	0.092	0.095	0.096
20		1	104	19.77	19.71	19.74	0.095	0.094	0.094
20		50	1	19.59	19.73	19.78	0.091	0.094	0.095
20		50	25	19.78	19.84	19.83	0.095	0.096	0.096
20		50	50	19.81	19.86	19.86	0.096	0.097	0.097
20		100	0	19.61	19.63	19.74	0.091	0.092	0.094
20	DFT-s-OFDM QPSK	1	1	20.35	20.43	20.28	0.108	0.110	0.107
20		1	53	20.26	20.06	20.15	0.106	0.101	0.104
20		1	104	19.84	19.66	19.95	0.096	0.092	0.099
20		50	1	19.70	19.72	19.79	0.093	0.094	0.095
20		50	25	19.73	19.84	19.84	0.094	0.096	0.096
20		50	50	19.80	19.94	19.88	0.095	0.099	0.097
20		100	0	19.67	19.68	19.71	0.093	0.093	0.094
20	DFT-s-OFDM 16QAM	1	1	19.45	19.78	19.88	0.088	0.095	0.097
20	DFT-s-OFDM 64QAM	1	1	17.84	17.96	18.06	0.061	0.063	0.064
20	DFT-s-OFDM 256QAM	1	1	15.56	15.39	15.51	0.036	0.035	0.036
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 QPSK	1	1	19.34	19.56	19.64	0.086	0.090	0.092
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM QPSK	1	1	19.08	19.37	19.50	0.081	0.086	0.089
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 QPSK	1	1	19.17	19.43	19.54	0.083	0.088	0.090



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	18.90	19.05	19.09	0.078	0.080	0.081
20	CP-OFDM 16QAM	1	1	18.86	19.01	19.08	0.077	0.080	0.081
20	CP-OFDM 64QAM	1	1	16.75	16.85	16.93	0.047	0.048	0.049
20	CP-OFDM 256QAM	1	1	13.42	13.58	13.66	0.022	0.023	0.023



DC_48A_N5				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / 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	19.86	19.98	19.97	0.097	0.100	0.099
20		1	53	19.91	20.03	19.98	0.098	0.101	0.100
20		1	104	19.73	19.68	19.62	0.094	0.093	0.092
20		50	1	19.92	20.01	20.08	0.098	0.100	0.102
20		50	25	19.90	20.09	20.03	0.098	0.102	0.101
20		50	50	20.00	19.99	19.84	0.100	0.100	0.096
20		100	0	20.09	20.08	20.00	0.102	0.102	0.100
20	DFT-s-OFDM QPSK	1	1	20.12	20.21	20.17	0.103	0.105	0.104
20		1	53	19.73	19.92	19.83	0.094	0.098	0.096
20		1	104	19.63	19.58	19.52	0.092	0.091	0.090
20		50	1	19.89	20.04	19.99	0.097	0.101	0.100
20		50	25	19.90	20.06	20.05	0.098	0.101	0.101
20		50	50	19.92	19.93	19.87	0.098	0.098	0.097
20		100	0	20.03	20.03	19.97	0.101	0.101	0.099
20	DFT-s-OFDM 16QAM	1	1	19.69	19.89	19.86	0.093	0.097	0.097
20	DFT-s-OFDM 64QAM	1	1	18.31	18.38	18.35	0.068	0.069	0.068
20	DFT-s-OFDM 256QAM	1	1	16.13	16.24	16.25	0.041	0.042	0.042
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 QPSK	1	1	19.83	19.88	19.89	0.096	0.097	0.097
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM QPSK	1	1	19.86	19.93	19.71	0.097	0.098	0.094
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 QPSK	1	1	19.93	19.94	19.61	0.098	0.099	0.091



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	19.40	19.47	19.43	0.087	0.089	0.088
20	CP-OFDM 16QAM	1	1	19.22	19.27	19.35	0.084	0.085	0.086
20	CP-OFDM 64QAM	1	1	17.15	17.16	17.22	0.052	0.052	0.053
20	CP-OFDM 256QAM	1	1	14.22	14.24	14.32	0.026	0.027	0.027



DC_48A_66A_N5				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / 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	19.82	20.00	19.96	0.096	0.100	0.099
20		1	53	19.84	19.99	19.98	0.096	0.100	0.100
20		1	104	19.69	19.65	19.58	0.093	0.092	0.091
20		50	1	19.97	20.02	20.07	0.099	0.100	0.102
20		50	25	20.00	20.15	20.11	0.100	0.104	0.103
20		50	50	20.09	20.00	19.92	0.102	0.100	0.098
20		100	0	19.98	20.10	20.02	0.100	0.102	0.100
20	DFT-s-OFDM QPSK	1	1	20.14	20.25	20.22	0.103	0.106	0.105
20		1	53	19.85	19.97	19.89	0.097	0.099	0.097
20		1	104	19.68	19.61	19.57	0.093	0.091	0.091
20		50	1	19.97	20.05	20.01	0.099	0.101	0.100
20		50	25	19.99	20.06	20.03	0.100	0.101	0.101
20		50	50	20.00	19.96	19.84	0.100	0.099	0.096
20		100	0	19.95	20.04	19.91	0.099	0.101	0.098
20	DFT-s-OFDM 16QAM	1	1	19.82	19.84	19.65	0.096	0.096	0.092
20	DFT-s-OFDM 64QAM	1	1	18.29	18.44	18.42	0.067	0.070	0.070
20	DFT-s-OFDM 256QAM	1	1	16.18	16.23	16.24	0.041	0.042	0.042
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 QPSK	1	1	19.58	19.85	19.87	0.091	0.097	0.097
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM QPSK	1	1	19.76	19.79	19.76	0.095	0.095	0.095
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 QPSK	1	1	19.84	19.89	19.63	0.096	0.097	0.092



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	19.42	19.47	19.41	0.087	0.089	0.087
20	CP-OFDM 16QAM	1	1	19.28	19.34	19.37	0.085	0.086	0.086
20	CP-OFDM 64QAM	1	1	17.21	17.23	17.27	0.053	0.053	0.053
20	CP-OFDM 256QAM	1	1	14.24	14.29	14.31	0.027	0.027	0.027



DC_5A_N66				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	19.63	18.99	19.27	0.092	0.079	0.085
20		1	53	19.54	19.45	19.45	0.090	0.088	0.088
20		1	104	19.43	19.18	19.53	0.088	0.083	0.090
20		50	1	19.61	19.30	19.75	0.091	0.085	0.094
20		50	25	19.61	19.41	19.98	0.091	0.087	0.100
20		50	50	19.69	19.44	19.98	0.093	0.088	0.100
20		100	0	19.66	19.40	19.82	0.092	0.087	0.096
20	DFT-s-OFDM QPSK	1	1	19.83	19.99	19.70	0.096	0.100	0.093
20		1	53	19.57	19.43	19.33	0.091	0.088	0.086
20		1	104	19.60	19.41	19.67	0.091	0.087	0.093
20		50	1	19.41	19.29	19.70	0.087	0.085	0.093
20		50	50	19.17	19.43	19.30	0.083	0.088	0.085
20		100	0	19.27	19.41	19.23	0.085	0.087	0.084
20	DFT-s-OFDM 16QAM	1	1	19.78	19.22	19.62	0.095	0.084	0.092
20	DFT-s-OFDM 64QAM	1	1	17.89	17.41	17.68	0.062	0.055	0.059
20	DFT-s-OFDM 256QAM	1	1	15.73	15.21	15.57	0.037	0.033	0.036
Channel				343500	349000	354500	343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5	1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	18.22	17.99	18.46	0.066	0.063	0.070
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	18.32	18.01	18.63	0.068	0.063	0.073
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	18.30	17.98	18.52	0.068	0.063	0.071
Channel				344000	349000	354000	344000	349000	354000



Frequency (MHz)				1720	1745	1767.5	1720	1745	1767.5
20	CP-OFDM QPSK	1	1	18.22	17.58	18.06	0.066	0.057	0.064
20	CP-OFDM 16QAM	1	1	18.64	18.07	18.55	0.073	0.064	0.072
20	CP-OFDM 64QAM	1	1	16.80	16.14	16.73	0.048	0.041	0.047
20	CP-OFDM 256QAM	1	1	13.85	13.20	13.62	0.024	0.021	0.023



DC_13A_N66				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	20.00	20.58	20.43	0.100	0.114	0.110
20		1	53	20.45	20.35	20.60	0.111	0.108	0.115
20		1	104	20.64	20.43	20.39	0.116	0.110	0.109
20		50	1	20.43	20.47	20.61	0.110	0.111	0.115
20		50	25	20.52	20.48	20.10	0.113	0.112	0.102
20		50	50	20.37	20.57	20.21	0.109	0.114	0.105
20		100	0	20.41	20.55	20.54	0.110	0.114	0.113
20	DFT-s-OFDM QPSK	1	1	21.25	21.30	21.12	0.133	0.135	0.129
20		1	53	20.68	20.59	20.88	0.117	0.115	0.122
20		1	104	20.67	20.17	20.08	0.117	0.104	0.102
20		50	1	20.44	20.45	20.39	0.111	0.111	0.109
20		50	50	20.17	19.92	20.25	0.104	0.098	0.106
20		100	0	20.21	19.87	19.16	0.105	0.097	0.082
20	DFT-s-OFDM 16QAM	1	1	20.26	18.72	19.15	0.106	0.074	0.082
20	DFT-s-OFDM 64QAM	1	1	18.64	18.12	18.53	0.073	0.065	0.071
20	DFT-s-OFDM 256QAM	1	1	16.27	15.96	16.35	0.042	0.039	0.043
Channel				343500	349000	354500	343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5	1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	20.88	20.35	20.83	0.122	0.108	0.121
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	20.84	20.38	20.89	0.121	0.109	0.123
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	20.79	20.38	20.06	0.120	0.109	0.101
Channel				344000	349000	354000	344000	349000	354000



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



DC_2A_5A_N66				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	20.24	20.32	20.31	0.106	0.108	0.107
20		1	53	20.18	20.03	20.53	0.104	0.101	0.113
20		1	104	20.04	20.05	20.38	0.101	0.101	0.109
20		50	1	20.25	20.17	20.61	0.106	0.104	0.115
20		50	25	20.33	20.11	20.54	0.108	0.103	0.113
20		50	50	20.32	20.02	20.56	0.108	0.100	0.114
20		100	0	20.43	20.14	20.53	0.110	0.103	0.113
20	DFT-s-OFDM QPSK	1	1	20.55	20.75	20.63	0.114	0.119	0.116
20		1	53	20.30	19.99	20.46	0.107	0.100	0.111
20		1	104	20.27	19.93	20.59	0.106	0.098	0.115
20		50	1	20.40	20.26	20.44	0.110	0.106	0.111
20		50	50	20.42	20.05	20.60	0.110	0.101	0.115
20		100	0	20.44	20.16	20.62	0.111	0.104	0.115
20	DFT-s-OFDM 16QAM	1	1	20.64	20.56	20.66	0.116	0.114	0.116
20	DFT-s-OFDM 64QAM	1	1	18.82	18.72	18.79	0.076	0.074	0.076
20	DFT-s-OFDM 256QAM	1	1	16.63	16.50	16.70	0.046	0.045	0.047
Channel				343500	349000	354500	343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5	1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	20.23	20.13	20.33	0.105	0.103	0.108
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	19.93	19.79	20.04	0.098	0.095	0.101
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	20.33	20.16	20.39	0.108	0.104	0.109
Channel				344000	349000	354000	344000	349000	354000



Frequency (MHz)				1720	1745	1767.5	1720	1745	1767.5
20	CP-OFDM QPSK	1	1	19.83	19.58	19.69	0.096	0.091	0.093
20	CP-OFDM 16QAM	1	1	19.79	19.45	19.84	0.095	0.088	0.096
20	CP-OFDM 64QAM	1	1	17.61	17.55	17.65	0.058	0.057	0.058
20	CP-OFDM 256QAM	1	1	14.61	14.59	14.47	0.029	0.029	0.028



DC_2A_13A_N66				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	20.37	20.29	20.35	0.109	0.107	0.108
20		1	53	20.28	20.10	20.60	0.107	0.102	0.115
20		1	104	20.36	20.07	20.59	0.109	0.102	0.115
20		50	1	20.35	20.30	20.37	0.108	0.107	0.109
20		50	25	20.43	20.14	20.35	0.110	0.103	0.108
20		50	50	20.46	19.98	20.30	0.111	0.100	0.107
20		100	0	20.45	20.21	20.56	0.111	0.105	0.114
20	DFT-s-OFDM QPSK	1	1	20.52	20.79	20.65	0.113	0.120	0.116
20		1	53	20.33	20.35	20.22	0.108	0.108	0.105
20		1	104	20.33	20.27	20.67	0.108	0.106	0.117
20		50	1	20.42	20.31	20.50	0.110	0.107	0.112
20		50	50	20.46	20.06	20.41	0.111	0.101	0.110
20		100	0	20.45	20.18	20.37	0.111	0.104	0.109
20	DFT-s-OFDM 16QAM	1	1	20.56	20.48	20.57	0.114	0.112	0.114
20	DFT-s-OFDM 64QAM	1	1	18.81	18.66	18.69	0.076	0.073	0.074
20	DFT-s-OFDM 256QAM	1	1	16.64	16.55	16.72	0.046	0.045	0.047
Channel				343500	349000	354500	343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5	1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	20.23	20.06	20.35	0.105	0.101	0.108
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	20.14	20.29	20.52	0.103	0.107	0.113
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	20.34	20.06	20.49	0.108	0.101	0.112
Channel				344000	349000	354000	344000	349000	354000



Frequency (MHz)				1720	1745	1767.5	1720	1745	1767.5
20	CP-OFDM QPSK	1	1	19.84	19.76	19.85	0.096	0.095	0.097
20	CP-OFDM 16QAM	1	1	19.82	19.75	19.84	0.096	0.094	0.096
20	CP-OFDM 64QAM	1	1	17.69	17.64	17.67	0.059	0.058	0.058
20	CP-OFDM 256QAM	1	1	14.70	14.68	14.63	0.030	0.029	0.029



DC_5A_5A_N66				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	20.61	20.04	19.06	0.115	0.101	0.081
20		1	53	20.12	20.02	19.61	0.103	0.100	0.091
20		1	104	20.19	19.26	19.26	0.104	0.084	0.084
20		50	1	19.96	20.16	19.71	0.099	0.104	0.094
20		50	25	20.06	20.10	19.76	0.101	0.102	0.095
20		50	50	20.18	19.83	19.60	0.104	0.096	0.091
20		100	0	20.05	20.01	19.58	0.101	0.100	0.091
20	DFT-s-OFDM QPSK	1	1	20.84	20.76	20.65	0.121	0.119	0.116
20		1	53	19.99	20.00	20.48	0.100	0.100	0.112
20		1	104	20.26	20.40	20.35	0.106	0.110	0.108
20		50	1	20.38	20.19	19.71	0.109	0.104	0.094
20		50	50	20.33	19.83	19.68	0.108	0.096	0.093
20		100	0	20.19	19.99	19.60	0.104	0.100	0.091
20	DFT-s-OFDM 16QAM	1	1	20.99	20.33	19.68	0.126	0.108	0.093
20	DFT-s-OFDM 64QAM	1	1	19.25	18.39	17.80	0.084	0.069	0.060
20	DFT-s-OFDM 256QAM	1	1	16.97	16.26	15.68	0.050	0.042	0.037
Channel				343500	349000	354500	343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5	1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	20.57	20.56	20.33	0.114	0.114	0.108
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	20.79	20.48	19.74	0.120	0.112	0.094
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	20.37	20.42	20.07	0.109	0.110	0.102
Channel				344000	349000	354000	344000	349000	354000



Frequency (MHz)				1720	1745	1767.5	1720	1745	1767.5
20	CP-OFDM QPSK	1	1	19.99	20.04	18.77	0.100	0.101	0.075
20	CP-OFDM 16QAM	1	1	19.86	19.96	18.84	0.097	0.099	0.077
20	CP-OFDM 64QAM	1	1	18.52	17.88	16.64	0.071	0.061	0.046
20	CP-OFDM 256QAM	1	1	15.40	14.91	14.64	0.035	0.031	0.029



DC_5A_13A_N66				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	20.33	20.25	20.31	0.108	0.106	0.107
20		1	53	20.20	20.84	20.92	0.105	0.121	0.124
20		1	104	20.40	20.39	20.83	0.110	0.109	0.121
20		50	1	20.42	20.59	20.82	0.110	0.115	0.121
20		50	25	20.36	20.48	20.80	0.109	0.112	0.120
20		50	50	20.39	20.82	19.33	0.109	0.121	0.086
20		100	0	20.38	20.79	20.84	0.109	0.120	0.121
20	DFT-s-OFDM QPSK	1	1	20.95	20.84	20.86	0.124	0.121	0.122
20		1	53	20.45	20.60	20.58	0.111	0.115	0.114
20		1	104	20.31	20.31	20.77	0.107	0.107	0.119
20		50	1	20.42	20.73	20.16	0.110	0.118	0.104
20		50	50	20.40	20.34	20.45	0.110	0.108	0.111
20		100	0	20.19	20.77	20.64	0.104	0.119	0.116
20	DFT-s-OFDM 16QAM	1	1	20.47	20.56	20.59	0.111	0.114	0.115
20	DFT-s-OFDM 64QAM	1	1	18.79	18.67	18.65	0.076	0.074	0.073
20	DFT-s-OFDM 256QAM	1	1	16.74	16.66	16.56	0.047	0.046	0.045
Channel				343500	349000	354500	343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5	1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	20.22	20.41	20.49	0.105	0.110	0.112
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	20.29	20.58	20.66	0.107	0.114	0.116
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	20.25	20.61	20.79	0.106	0.115	0.120
Channel				344000	349000	354000	344000	349000	354000



Frequency (MHz)				1720	1745	1767.5	1720	1745	1767.5
20	CP-OFDM QPSK	1	1	19.93	19.82	19.84	0.098	0.096	0.096
20	CP-OFDM 16QAM	1	1	19.82	19.73	19.81	0.096	0.094	0.096
20	CP-OFDM 64QAM	1	1	17.75	17.60	17.66	0.060	0.058	0.058
20	CP-OFDM 256QAM	1	1	14.75	14.60	14.62	0.030	0.029	0.029



DC_5A_66A_N66				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	20.52	20.52	20.76	0.113	0.113	0.119
20		1	53	20.68	20.91	20.45	0.117	0.123	0.111
20		1	104	20.84	20.70	20.99	0.121	0.117	0.126
20		50	1	20.74	20.88	21.09	0.119	0.122	0.129
20		50	25	20.80	21.07	21.09	0.120	0.128	0.129
20		50	50	20.87	21.01	21.08	0.122	0.126	0.128
20		100	0	20.82	20.97	21.02	0.121	0.125	0.126
20	DFT-s-OFDM QPSK	1	1	21.10	20.99	21.04	0.129	0.126	0.127
20		1	53	20.71	20.99	20.61	0.118	0.126	0.115
20		1	104	20.75	20.70	21.04	0.119	0.117	0.127
20		50	1	20.70	20.91	20.90	0.117	0.123	0.123
20		50	50	20.89	21.06	20.90	0.123	0.128	0.123
20		100	0	20.83	20.72	20.75	0.121	0.118	0.119
20	DFT-s-OFDM 16QAM	1	1	20.79	20.68	20.68	0.120	0.117	0.117
20	DFT-s-OFDM 64QAM	1	1	19.09	19.01	18.82	0.081	0.080	0.076
20	DFT-s-OFDM 256QAM	1	1	16.82	16.78	16.91	0.048	0.048	0.049
Channel				343500	349000	354500	343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5	1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	20.50	20.41	20.33	0.112	0.110	0.108
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	20.49	20.68	20.89	0.112	0.117	0.123
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	20.52	20.74	20.88	0.113	0.119	0.122
Channel				344000	349000	354000	344000	349000	354000



Frequency (MHz)				1720	1745	1767.5	1720	1745	1767.5
20	CP-OFDM QPSK	1	1	20.08	20.02	20.25	0.102	0.100	0.106
20	CP-OFDM 16QAM	1	1	20.02	20.02	20.16	0.100	0.100	0.104
20	CP-OFDM 64QAM	1	1	17.93	17.88	17.93	0.062	0.061	0.062
20	CP-OFDM 256QAM	1	1	14.95	14.93	15.07	0.031	0.031	0.032



DC_13A_66A_N66				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddleC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./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	20.93	20.40	20.61	0.124	0.110	0.115
20		1	53	20.80	20.42	20.88	0.120	0.110	0.122
20		1	104	21.14	20.71	20.90	0.130	0.118	0.123
20		50	1	20.60	20.23	20.91	0.115	0.105	0.123
20		50	25	20.76	20.57	21.05	0.119	0.114	0.127
20		50	50	20.73	20.66	21.01	0.118	0.116	0.126
20		100	0	20.60	20.59	21.02	0.115	0.115	0.126
20	DFT-s-OFDM QPSK	1	1	21.19	21.14	21.05	0.132	0.130	0.127
20		1	53	21.01	20.87	21.01	0.126	0.122	0.126
20		1	104	20.79	20.68	21.03	0.120	0.117	0.127
20		50	1	20.53	20.50	20.91	0.113	0.112	0.123
20		50	50	20.73	20.67	21.09	0.118	0.117	0.129
20	100	0	20.32	20.60	20.99	0.108	0.115	0.126	
20	DFT-s-OFDM 16QAM	1	1	20.24	20.17	21.01	0.106	0.104	0.126
20	DFT-s-OFDM 64QAM	1	1	18.18	18.88	19.37	0.066	0.077	0.086
20	DFT-s-OFDM 256QAM	1	1	17.15	16.76	17.37	0.052	0.047	0.055
Channel				343500	349000	354500	343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5	1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	20.12	20.32	20.66	0.103	0.108	0.116
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	20.25	20.25	20.73	0.106	0.106	0.118
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	20.14	20.45	20.97	0.103	0.111	0.125



Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1767.5	1720	1745	1767.5
20	CP-OFDM QPSK	1	1	19.54	19.84	19.66	0.090	0.096	0.092
20	CP-OFDM 16QAM	1	1	19.58	19.38	19.41	0.091	0.087	0.087
20	CP-OFDM 64QAM	1	1	17.41	17.73	17.94	0.055	0.059	0.062
20	CP-OFDM 256QAM	1	1	15.41	14.82	15.14	0.035	0.030	0.033



DC_5B_N66				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
				dBm			W		
20	DFT-s-OFDM PI/2 BPSK	1	1	19.52	19.82	20.75	0.090	0.096	0.119
20		1	53	19.69	20.32	20.45	0.093	0.108	0.111
20		1	104	19.91	20.06	20.08	0.098	0.101	0.102
20		50	1	19.75	20.10	20.26	0.094	0.102	0.106
20		50	25	19.81	20.38	20.34	0.096	0.109	0.108
20		50	50	19.95	20.37	20.30	0.099	0.109	0.107
20		100	0	19.88	20.70	20.29	0.097	0.117	0.107
20	DFT-s-OFDM QPSK	1	1	20.82	20.77	20.72	0.121	0.119	0.118
20		1	53	19.80	20.29	20.38	0.095	0.107	0.109
20		1	104	19.87	20.07	20.04	0.097	0.102	0.101
20		50	1	19.75	20.37	20.23	0.094	0.109	0.105
20		50	50	19.96	20.05	20.20	0.099	0.101	0.105
20		100	0	19.89	20.30	20.21	0.097	0.107	0.105
20	DFT-s-OFDM 16QAM	1	1	19.94	20.07	20.08	0.099	0.102	0.102
20	DFT-s-OFDM 64QAM	1	1	18.15	18.27	18.21	0.065	0.067	0.066
20	DFT-s-OFDM 256QAM	1	1	15.86	16.06	16.38	0.039	0.040	0.043
Channel				343500	349000	354500	343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5	1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	20.51	20.65	19.94	0.112	0.116	0.099
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	20.58	20.78	20.68	0.114	0.120	0.117
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	20.54	20.79	20.41	0.113	0.120	0.110
Channel				344000	349000	354000	344000	349000	354000



Frequency (MHz)				1720	1745	1767.5	1720	1745	1767.5
20	CP-OFDM QPSK	1	1	20.12	19.97	20.27	0.103	0.099	0.106
20	CP-OFDM 16QAM	1	1	20.01	19.95	19.92	0.100	0.099	0.098
20	CP-OFDM 64QAM	1	1	17.96	17.79	17.99	0.063	0.060	0.063
20	CP-OFDM 256QAM	1	1	14.97	14.95	14.99	0.031	0.031	0.032



DC_2A_N77				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
				dBm			W		
100	DFT-s-OFDM PI/2 BPSK	1	1	26.93	26.99	27.21	0.493	0.500	0.526
100		1	136	26.87	27.42	27.32	0.486	0.552	0.540
100		1	272	26.60	26.94	27.12	0.457	0.494	0.515
100		135	1	26.69	26.79	26.92	0.467	0.478	0.492
100		135	67	26.99	27.39	26.95	0.500	0.548	0.495
100		135	136	26.56	26.98	26.92	0.453	0.499	0.492
100		270	0	26.60	26.88	27.02	0.457	0.488	0.504
100	DFT-s-OFDM QPSK	1	1	27.40	27.45	27.35	0.550	0.556	0.543
100		1	136	26.91	27.42	26.70	0.491	0.552	0.468
100		1	272	26.21	26.49	26.85	0.418	0.446	0.484
100		135	1	26.19	26.37	26.48	0.416	0.434	0.445
100		135	67	26.99	27.40	27.30	0.500	0.550	0.537
100		135	136	26.03	26.47	26.60	0.401	0.444	0.457
100		270	0	26.22	26.38	26.50	0.419	0.435	0.447
100	DFT-s-OFDM 16QAM	1	1	26.02	25.42	25.57	0.400	0.348	0.361
100	DFT-s-OFDM 64QAM	1	1	24.20	24.91	24.85	0.263	0.310	0.305
100	DFT-s-OFDM 256QAM	1	1	22.45	22.89	22.75	0.176	0.195	0.188
Channel				649333	656000	662667	649333	656000	662667
Frequency (MHz)				3740	3840	3940	3740	3840	3940
80	DFT-s-OFDM QPSK	1	1	26.90	26.91	27.18	0.490	0.491	0.522
Channel				648667	656000	663333	648667	656000	663333
Frequency (MHz)				3730	3840	3950	3730	3840	3950
60	DFT-s-OFDM QPSK	1	1	27.27	27.10	27.28	0.533	0.513	0.535
Channel				648000	656000	664000	648000	656000	664000
Frequency (MHz)				3720	3840	3960	3720	3840	3960
40	DFT-s-OFDM QPSK	1	1	25.18	25.17	25.29	0.330	0.329	0.338



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



DC_5A_N77				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
				dBm			W		
100	DFT-s-OFDM PI/2 BPSK	1	1	26.92	26.99	27.40	0.492	0.500	0.550
100		1	136	26.81	27.50	27.36	0.480	0.562	0.545
100		1	272	26.61	27.12	27.05	0.458	0.515	0.507
100		135	1	26.57	26.81	27.09	0.454	0.480	0.512
100		135	67	26.89	27.46	27.39	0.489	0.557	0.548
100		135	136	26.46	27.12	27.03	0.443	0.515	0.505
100		270	0	26.57	26.94	27.10	0.454	0.494	0.513
100	DFT-s-OFDM QPSK	1	1	27.39	27.51	27.42	0.548	0.564	0.552
100		1	136	27.05	26.91	27.18	0.507	0.491	0.522
100		1	272	26.92	26.97	27.00	0.492	0.498	0.501
100		135	1	26.40	26.49	26.43	0.437	0.446	0.440
100		135	67	26.11	26.20	26.09	0.408	0.417	0.406
100		135	136	25.97	26.27	26.14	0.395	0.424	0.411
100		270	0	26.07	26.05	26.12	0.405	0.403	0.409
100	DFT-s-OFDM 16QAM	1	1	26.10	26.17	26.50	0.407	0.414	0.447
100	DFT-s-OFDM 64QAM	1	1	24.57	24.24	24.45	0.286	0.265	0.279
100	DFT-s-OFDM 256QAM	1	1	22.53	22.60	22.96	0.179	0.182	0.198
Channel				649333	656000	662667	649333	656000	662667
Frequency (MHz)				3740	3840	3940	3740	3840	3940
80	DFT-s-OFDM QPSK	1	1	27.04	26.95	27.44	0.506	0.495	0.555
Channel				648667	656000	663333	648667	656000	663333
Frequency (MHz)				3730	3840	3950	3730	3840	3950
60	DFT-s-OFDM QPSK	1	1	27.17	27.03	27.42	0.521	0.505	0.552
Channel				648000	656000	664000	648000	656000	664000
Frequency (MHz)				3720	3840	3960	3720	3840	3960
40	DFT-s-OFDM QPSK	1	1	27.49	27.43	27.27	0.561	0.553	0.533



Channel				647667	656000	664333	647667	656000	664333
Frequency (MHz)				3715	3840	3965	3715	3840	3965
30	DFT-s-OFDM QPSK	1	1	27.27	27.37	27.41	0.533	0.546	0.551
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	25.68	25.87	26.06	0.370	0.386	0.404
100	CP-OFDM 16QAM	1	1	24.95	25.17	25.58	0.313	0.329	0.361
100	CP-OFDM 64QAM	1	1	23.37	23.55	23.76	0.217	0.226	0.238
100	CP-OFDM 256QAM	1	1	20.93	20.82	21.20	0.124	0.121	0.132



DC_13A_N77				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
				dBm			W		
100	DFT-s-OFDM PI/2 BPSK	1	1	27.13	27.47	27.42	0.516	0.558	0.552
100		1	136	26.91	27.02	27.28	0.491	0.504	0.535
100		1	272	26.70	27.01	27.15	0.468	0.502	0.519
100		135	1	26.68	26.82	27.18	0.466	0.481	0.522
100		135	67	26.98	27.27	27.37	0.499	0.533	0.546
100		135	136	26.52	27.11	27.14	0.449	0.514	0.518
100		270	0	26.56	26.88	27.15	0.453	0.488	0.519
100	DFT-s-OFDM QPSK	1	1	26.90	27.04	27.41	0.490	0.506	0.551
100		1	136	26.94	27.50	27.49	0.494	0.562	0.561
100		1	272	26.25	26.59	26.61	0.422	0.456	0.458
100		135	1	26.08	26.31	26.69	0.406	0.428	0.467
100		135	67	26.94	27.43	27.49	0.494	0.553	0.561
100		135	136	26.05	26.64	26.65	0.403	0.461	0.462
100		270	0	26.09	26.38	26.69	0.406	0.435	0.467
100	DFT-s-OFDM 16QAM	1	1	26.11	26.11	26.49	0.408	0.408	0.446
100	DFT-s-OFDM 64QAM	1	1	24.21	24.24	24.69	0.264	0.265	0.294
100	DFT-s-OFDM 256QAM	1	1	22.43	22.95	22.96	0.175	0.197	0.198
Channel				649333	656000	662667	649333	656000	662667
Frequency (MHz)				3740	3840	3940	3740	3840	3940
80	DFT-s-OFDM QPSK	1	1	24.48	24.39	24.45	0.281	0.275	0.279
Channel				648667	656000	663333	648667	656000	663333
Frequency (MHz)				3730	3840	3950	3730	3840	3950
60	DFT-s-OFDM QPSK	1	1	24.67	24.50	24.92	0.293	0.282	0.310
Channel				648000	656000	664000	648000	656000	664000
Frequency (MHz)				3720	3840	3960	3720	3840	3960
40	DFT-s-OFDM QPSK	1	1	24.91	25.11	25.20	0.310	0.324	0.331



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



DC_66A_N77				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
				dBm			W		
100	DFT-s-OFDM PI/2 BPSK	1	1	23.99	24.63	24.66	0.251	0.290	0.292
100		1	136	24.43	24.69	24.98	0.277	0.294	0.315
100		1	272	24.34	24.42	24.57	0.272	0.277	0.286
100		135	1	24.01	24.24	24.58	0.252	0.265	0.287
100		135	67	24.50	24.63	25.03	0.282	0.290	0.318
100		135	136	24.24	24.35	24.67	0.265	0.272	0.293
100		270	0	24.08	24.30	24.57	0.256	0.269	0.286
100	DFT-s-OFDM QPSK	1	1	24.96	25.04	24.91	0.313	0.319	0.310
100		1	136	24.45	25.05	24.91	0.279	0.320	0.310
100		1	272	23.85	23.97	24.11	0.243	0.249	0.258
100		135	1	24.25	24.35	24.31	0.266	0.272	0.270
100		135	67	24.24	24.25	23.96	0.265	0.266	0.249
100		135	136	23.83	24.02	24.19	0.242	0.252	0.262
100		270	0	24.12	23.95	24.14	0.258	0.248	0.259
100	DFT-s-OFDM 16QAM	1	1	23.65	23.72	23.83	0.232	0.236	0.242
100	DFT-s-OFDM 64QAM	1	1	21.71	21.91	21.97	0.148	0.155	0.157
100	DFT-s-OFDM 256QAM	1	1	19.59	20.25	20.24	0.091	0.106	0.106
Channel				649333	656000	662667	649333	656000	662667
Frequency (MHz)				3740	3840	3940	3740	3840	3940
80	DFT-s-OFDM QPSK	1	1	24.58	24.62	24.96	0.287	0.290	0.313
Channel				648667	656000	663333	648667	656000	663333
Frequency (MHz)				3730	3840	3950	3730	3840	3950
60	DFT-s-OFDM QPSK	1	1	24.39	24.68	24.53	0.275	0.294	0.284
Channel				648000	656000	664000	648000	656000	664000
Frequency (MHz)				3720	3840	3960	3720	3840	3960
40	DFT-s-OFDM QPSK	1	1	24.59	24.95	25.00	0.288	0.313	0.316



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



DC_2A_2A_N77				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
				dBm			W		
100	DFT-s-OFDM PI/2 BPSK	1	1	24.35	24.51	24.69	0.272	0.282	0.294
100		1	136	24.37	24.91	24.85	0.274	0.310	0.305
100		1	272	24.12	24.46	24.62	0.258	0.279	0.290
100		135	1	24.45	24.30	24.41	0.279	0.269	0.276
100		135	67	24.30	24.45	24.35	0.269	0.279	0.272
100		135	136	24.22	24.21	24.25	0.264	0.264	0.266
100		270	0	24.35	24.40	24.47	0.272	0.275	0.280
100	DFT-s-OFDM QPSK	1	1	24.87	24.93	24.81	0.307	0.311	0.303
100		1	136	24.44	24.88	24.63	0.278	0.308	0.290
100		1	272	24.05	24.49	24.16	0.254	0.281	0.261
100		135	1	24.23	24.41	24.31	0.265	0.276	0.270
100		135	67	24.30	24.87	24.24	0.269	0.307	0.265
100		135	136	24.05	24.15	24.11	0.254	0.260	0.258
100		270	0	23.81	24.42	24.04	0.240	0.277	0.254
100	DFT-s-OFDM 16QAM	1	1	23.42	23.55	23.87	0.220	0.226	0.244
100	DFT-s-OFDM 64QAM	1	1	21.65	21.83	21.98	0.146	0.152	0.158
100	DFT-s-OFDM 256QAM	1	1	19.91	20.15	20.33	0.098	0.104	0.108
Channel				649333	656000	662667	649333	656000	662667
Frequency (MHz)				3740	3840	3940	3740	3840	3940
80	DFT-s-OFDM QPSK	1	1	24.40	24.50	24.84	0.275	0.282	0.305
Channel				648667	656000	663333	648667	656000	663333
Frequency (MHz)				3730	3840	3950	3730	3840	3950
60	DFT-s-OFDM QPSK	1	1	24.63	24.61	24.42	0.290	0.289	0.277
Channel				648000	656000	664000	648000	656000	664000
Frequency (MHz)				3720	3840	3960	3720	3840	3960
40	DFT-s-OFDM QPSK	1	1	24.50	24.90	24.88	0.282	0.309	0.308



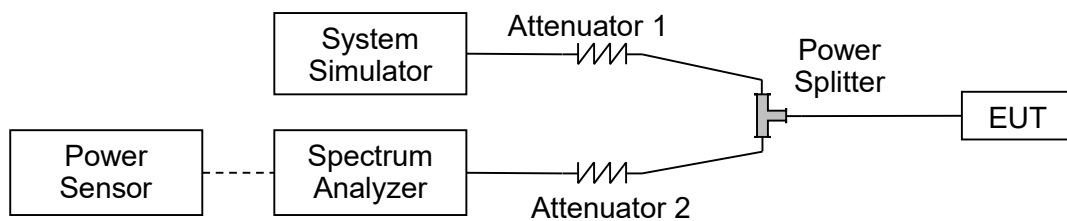
Channel				647667	656000	664333	647667	656000	664333
Frequency (MHz)				3715	3840	3965	3715	3840	3965
30	DFT-s-OFDM QPSK	1	1	24.32	24.92	24.87	0.270	0.310	0.307
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	23.25	23.35	23.43	0.211	0.216	0.220
100	CP-OFDM 16QAM	1	1	22.43	22.63	22.63	0.175	0.183	0.183
100	CP-OFDM 64QAM	1	1	20.95	20.93	21.07	0.124	0.124	0.128
100	CP-OFDM 256QAM	1	1	18.25	18.17	18.29	0.067	0.066	0.067

2.2. Occupied Bandwidth

2.2.1. Requirement

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

2.2.2. Test Description



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

2.2.3. Test procedure

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



2.2.3.1. Test Result

DC 13A_N2					
BW(MHz)	ChannelLevel	Modulation		99% BW(MHz)	26dB BW(MHz)
5	Low	DFT-s-OFDM	PI/2 BPSK	4.4896	4.718
	Low		QPSK	4.5117	4.758
	Low		16QAM	4.5052	4.704
	Low		64QAM	4.4546	4.743
	Low		256QAM	4.4936	4.736
	Low	CP-OFDM	QPSK	4.5087	4.698
	Mid	DFT-s-OFDM	PI/2 BPSK	4.5088	4.696
	Mid		QPSK	4.5055	4.689
	Mid		16QAM	4.5026	4.743
	Mid		64QAM	4.5048	4.719
	Mid		256QAM	4.5047	4.706
	Mid	CP-OFDM	QPSK	4.5121	4.698
	High	DFT-s-OFDM	PI/2 BPSK	4.5083	4.694
	High		QPSK	4.5168	4.732
	High		16QAM	4.4913	4.706
	High		64QAM	4.5086	4.727
	High		256QAM	4.4992	4.706
	High	CP-OFDM	QPSK	4.5174	4.716
10	Low	DFT-s-OFDM	PI/2 BPSK	9.0796	9.387
	Low		QPSK	9.0899	9.413
	Low		16QAM	9.0807	9.452
	Low		64QAM	9.0669	9.412
	Low		256QAM	9.0294	9.367
	Low	CP-OFDM	QPSK	9.4558	9.75
	Mid	DFT-s-OFDM	PI/2 BPSK	9.0881	9.419
	Mid		QPSK	9.0334	9.446
	Mid		16QAM	9.058	9.378
	Mid		64QAM	9.0753	9.454
	Mid		256QAM	9.0735	9.41
	Mid	CP-OFDM	QPSK	9.3766	9.732
	High	DFT-s-OFDM	PI/2 BPSK	9.0881	9.494
	High		QPSK	9.0416	9.425
	High		16QAM	9.0606	9.398
High					



	High	CP-OFDM	64QAM	9.057	9.512
	High		256QAM	9.0695	9.597
	High		QPSK	9.4255	10.02
15	Low	DFT-s-OFDM	PI/2 BPSK	13.601	14.07
	Low		QPSK	13.634	14.12
	Low		16QAM	13.649	14.12
	Low		64QAM	13.63	14.06
	Low		256QAM	13.66	14.1
	Low	CP-OFDM	QPSK	14.341	14.82
	Mid	DFT-s-OFDM	PI/2 BPSK	13.589	14.05
	Mid		QPSK	13.625	14.11
	Mid		16QAM	13.609	14.45
	Mid		64QAM	13.67	14.66
	Mid		256QAM	13.675	14.25
	Mid	CP-OFDM	QPSK	14.308	14.89
	High	DFT-s-OFDM	PI/2 BPSK	13.541	14.52
	High		QPSK	13.436	14.1
	High		16QAM	13.682	14.13
	High		64QAM	13.587	14.59
	High		256QAM	13.646	14.19
	High	CP-OFDM	QPSK	14.354	14.79
20	Low	DFT-s-OFDM	PI/2 BPSK	18.181	19.03
	Low		QPSK	18.195	19.14
	Low		16QAM	18.142	18.76
	Low		64QAM	18.107	18.8
	Low		256QAM	18.053	19.2
	Low	CP-OFDM	QPSK	19.249	19.9
	Mid	DFT-s-OFDM	PI/2 BPSK	18.118	18.68
	Mid		QPSK	18.217	19.11
	Mid		16QAM	18.2	18.78
	Mid		64QAM	18.205	18.93
	Mid		256QAM	18.134	19.11
	Mid	CP-OFDM	QPSK	19.264	20.15
	High	DFT-s-OFDM	PI/2 BPSK	18.194	19.09
	High		QPSK	18.236	18.81
	High		16QAM	18.076	18.69
	High		64QAM	18.162	19.24
	High		256QAM	18.068	18.81



	High	CP-OFDM	QPSK	19.251	20.29
DC 2A_N5					
BW(MHz)	ChannelLevel	Modulation		99% BW(MHz)	26dB BW(MHz)
5	Low	DFT-s-OFDM	PI/2 BPSK	4.5217	4.725
	Low		QPSK	4.4834	4.731
	Low		16QAM	4.5116	4.721
	Low		64QAM	4.4737	4.725
	Low		256QAM	4.4709	4.687
	Low	CP-OFDM	QPSK	4.5117	4.695
	Mid	DFT-s-OFDM	PI/2 BPSK	4.5274	4.751
	Mid		QPSK	4.5037	4.704
	Mid		16QAM	4.4833	4.740
	Mid		64QAM	4.5067	4.702
	Mid		256QAM	4.5220	4.720
	Mid	CP-OFDM	QPSK	4.5175	4.711
	High	DFT-s-OFDM	PI/2 BPSK	4.5250	4.720
	High		QPSK	4.5064	4.744
	High		16QAM	4.5282	4.748
	High		64QAM	4.5364	4.743
	High		256QAM	4.4665	4.714
	High	CP-OFDM	QPSK	4.5111	4.698
10	Low	DFT-s-OFDM	PI/2 BPSK	9.0889	9.893
	Low		QPSK	9.0204	9.909
	Low		16QAM	8.9978	9.341
	Low		64QAM	8.9965	9.719
	Low		256QAM	9.0404	9.895
	Low	CP-OFDM	QPSK	9.338	10.04
	Mid	DFT-s-OFDM	PI/2 BPSK	9.0519	9.695
	Mid		QPSK	9.0346	9.866
	Mid		16QAM	8.9724	9.712
	Mid		64QAM	9.0459	9.804
	Mid		256QAM	9.0383	9.781
	Mid	CP-OFDM	QPSK	9.403	10.05
	High	DFT-s-OFDM	PI/2 BPSK	9.0646	9.39
	High		QPSK	8.9356	9.397
	High		16QAM	8.9867	9.873
	High		64QAM	9.0535	9.444



	High		256QAM	9.0652	9.39
	High	CP-OFDM	QPSK	9.3678	9.795
15	Low	DFT-s-OFDM	PI/2 BPSK	13.566	14.08
	Low		QPSK	13.626	14.65
	Low		16QAM	13.553	14.08
	Low		64QAM	13.634	14.89
	Low		256QAM	13.626	14.13
	Low	CP-OFDM	QPSK	14.324	14.81
	Mid	DFT-s-OFDM	PI/2 BPSK	13.502	14.06
	Mid		QPSK	13.532	13.99
	Mid		16QAM	13.613	14.16
	Mid		64QAM	13.602	14.12
	Mid		256QAM	13.558	14.1
	Mid	CP-OFDM	QPSK	14.285	14.87
	High	DFT-s-OFDM	PI/2 BPSK	13.649	14.11
	High		QPSK	13.54	14.11
	High		16QAM	13.609	14.71
	High		64QAM	13.598	14.73
	High		256QAM	13.605	14.09
	High	CP-OFDM	QPSK	14.342	15.36
20	Low	DFT-s-OFDM	PI/2 BPSK	18.104	18.79
	Low		QPSK	18.099	19.21
	Low		16QAM	18.151	19.04
	Low		64QAM	18.071	19.15
	Low		256QAM	17.964	19.14
	Low	CP-OFDM	QPSK	19.112	20.16
	Mid	DFT-s-OFDM	PI/2 BPSK	18.106	18.87
	Mid		QPSK	18.103	18.74
	Mid		16QAM	18.043	19.15
	Mid		64QAM	18.112	18.8
	Mid		256QAM	18.127	18.78
	Mid	CP-OFDM	QPSK	19.121	20.45
	High	DFT-s-OFDM	PI/2 BPSK	18.139	18.82
	High		QPSK	18.076	18.78
	High		16QAM	18.12	18.79
	High		64QAM	18.085	18.74
	High		256QAM	18.066	18.77
	High	CP-OFDM	QPSK	19.177	20.35



DC 13A_N66					
BW(MHz)	ChannelLevel	Modulation		99% BW(MHz)	26dB BW(MHz)
5	Low	DFT-s-OFDM	PI/2 BPSK	4.4871	4.709
	Low		QPSK	4.517	4.707
	Low		16QAM	4.5036	4.719
	Low		64QAM	4.5035	4.75
	Low		256QAM	4.5134	4.713
	Low	CP-OFDM	QPSK	4.5214	4.722
	Mid	DFT-s-OFDM	PI/2 BPSK	4.5119	4.699
	Mid		QPSK	4.5122	4.717
	Mid		16QAM	4.5115	4.71
	Mid		64QAM	4.4602	4.739
	Mid		256QAM	4.466	4.731
	Mid	CP-OFDM	QPSK	4.5232	4.726
	High	DFT-s-OFDM	PI/2 BPSK	4.5175	4.726
	High		QPSK	4.4996	4.733
	High		16QAM	4.5042	4.735
	High		64QAM	4.5123	4.782
	High		256QAM	4.5185	4.714
	High	CP-OFDM	QPSK	4.4931	4.714
10	Low	DFT-s-OFDM	PI/2 BPSK	9.0898	9.388
	Low		QPSK	9.0587	9.381
	Low		16QAM	9.0584	9.405
	Low		64QAM	9.0454	9.462
	Low		256QAM	9.028	9.43
	Low	CP-OFDM	QPSK	9.4057	9.751
	Mid	DFT-s-OFDM	PI/2 BPSK	9.0718	9.407
	Mid		QPSK	9.054	9.42
	Mid		16QAM	9.0766	9.408
	Mid		64QAM	9.0675	9.451
	Mid		256QAM	9.0674	9.401
	Mid	CP-OFDM	QPSK	9.3722	9.761
	High	DFT-s-OFDM	PI/2 BPSK	9.0761	9.421
	High		QPSK	9.0296	9.435
	High		16QAM	9.0364	9.436
	High		64QAM	9.0345	9.509
	High		256QAM	9.019	9.423



15	High	CP-OFDM	QPSK	9.3545	9.698
	Low	DFT-s-OFDM	PI/2 BPSK	13.62	14.09
	Low		QPSK	13.547	14.04
	Low		16QAM	13.602	14.12
	Low		64QAM	13.617	14.14
	Low		256QAM	13.581	14.07
	Low		CP-OFDM	QPSK	14.338
	Mid	DFT-s-OFDM	PI/2 BPSK	13.653	14.14
	Mid		QPSK	13.62	14.11
	Mid		16QAM	13.628	14.1
	Mid		64QAM	13.658	14.19
	Mid		256QAM	13.593	14.15
	Mid	CP-OFDM	QPSK	14.254	14.83
	High	DFT-s-OFDM	PI/2 BPSK	13.596	14.16
	High		QPSK	13.541	14.01
	High		16QAM	13.603	14.09
	High		64QAM	13.617	14.13
	High		256QAM	13.569	14.03
High	CP-OFDM	QPSK	14.336	14.83	
20	Low	DFT-s-OFDM	PI/2 BPSK	18.032	18.75
	Low		QPSK	18.085	18.79
	Low		16QAM	18.105	18.8
	Low		64QAM	18.085	18.78
	Low		256QAM	18.099	18.76
	Low	CP-OFDM	QPSK	19.232	19.86
	Mid	DFT-s-OFDM	PI/2 BPSK	18.146	18.86
	Mid		QPSK	18.193	18.83
	Mid		16QAM	18.226	18.84
	Mid		64QAM	18.104	18.81
	Mid		256QAM	17.924	18.77
	Mid	CP-OFDM	QPSK	19.199	19.9
	High	DFT-s-OFDM	PI/2 BPSK	18.19	18.85
	High		QPSK	18.147	18.83
	High		16QAM	18.163	18.79
	High		64QAM	18.19	18.76
	High		256QAM	18.16	18.76
	High	CP-OFDM	QPSK	19.201	19.84
DC 5A_N77					



BW(MHz)	ChannelLevel	Modulation		99% BW(MHz)	26dB BW(MHz)
30	Low	DFT-s-OFDM	PI/2 BPSK	27.421	28.24
	Low		QPSK	27.044	28.0
	Low		16QAM	27.314	28.33
	Low		64QAM	27.147	28.32
	Low		256QAM	26.961	28.22
	Low	CP-OFDM	QPSK	28.158	29.21
	Mid	DFT-s-OFDM	PI/2 BPSK	27.359	28.24
	Mid		QPSK	27.093	28.14
	Mid		16QAM	27.258	28.39
	Mid		64QAM	27.408	28.33
	Mid		256QAM	27.249	28.08
	Mid	CP-OFDM	QPSK	27.898	29.05
	High	DFT-s-OFDM	PI/2 BPSK	27.317	28.25
	High		QPSK	27.272	28.11
	High		16QAM	27.337	28.3
	High		64QAM	27.177	28.07
High	256QAM		27.074	27.8	
High	CP-OFDM	QPSK	28.454	29.16	
40	Low	DFT-s-OFDM	PI/2 BPSK	36.229	37.71
	Low		QPSK	36.311	37.45
	Low		16QAM	36.367	37.37
	Low		64QAM	36.317	37.5
	Low		256QAM	36.339	37.39
	Low	CP-OFDM	QPSK	38.432	39.72
	Mid	DFT-s-OFDM	PI/2 BPSK	35.989	37.75
	Mid		QPSK	36.307	37.44
	Mid		16QAM	35.954	37.45
	Mid		64QAM	36.382	37.58
	Mid		256QAM	36.458	37.5
	Mid	CP-OFDM	QPSK	38.77	39.82
	High	DFT-s-OFDM	PI/2 BPSK	35.924	37.2
	High		QPSK	36.581	37.7
	High		16QAM	36.45	37.65
	High		64QAM	36.276	37.39
High	256QAM		36.149	37.42	
High	CP-OFDM	QPSK	38.33	39.55	



60	Low	DFT-s-OFDM	PI/2 BPSK	59.136	60.82
	Low		QPSK	57.937	59.85
	Low		16QAM	59.139	60.68
	Low		64QAM	58.799	60.84
	Low		256QAM	58.719	60.68
	Low	CP-OFDM	QPSK	58.93	60.64
	Mid	DFT-s-OFDM	PI/2 BPSK	58.805	60.77
	Mid		QPSK	59.133	60.78
	Mid		16QAM	59.185	60.69
	Mid		64QAM	58.802	60.29
	Mid		256QAM	58.942	60.77
	Mid	CP-OFDM	QPSK	58.679	60.54
	High	DFT-s-OFDM	PI/2 BPSK	58.724	60.75
	High		QPSK	58.708	60.57
	High		16QAM	58.526	60.72
	High		64QAM	58.647	60.54
	High		256QAM	58.36	60.52
	High	CP-OFDM	QPSK	58.569	60.16
80	Low	DFT-s-OFDM	PI/2 BPSK	78.857	80.91
	Low		QPSK	76.999	79.86
	Low		16QAM	78.367	80.73
	Low		64QAM	78.174	80.37
	Low		256QAM	78.089	80.71
	Low	CP-OFDM	QPSK	78.816	81.19
	Mid	DFT-s-OFDM	PI/2 BPSK	77.444	80.62
	Mid		QPSK	78.615	80.97
	Mid		16QAM	78.608	81.08
	Mid		64QAM	78.657	80.98
	Mid		256QAM	78.601	80.94
	Mid	CP-OFDM	QPSK	78.963	81.53
	High	DFT-s-OFDM	PI/2 BPSK	77.999	80.63
	High		QPSK	78.388	80.81
	High		16QAM	78.274	80.78
	High		64QAM	78.413	80.47
	High		256QAM	78.779	81.73
	High	CP-OFDM	QPSK	77.776	82.04
	Low		PI/2 BPSK	98.078	100.8
	Low		QPSK	97.968	101.0

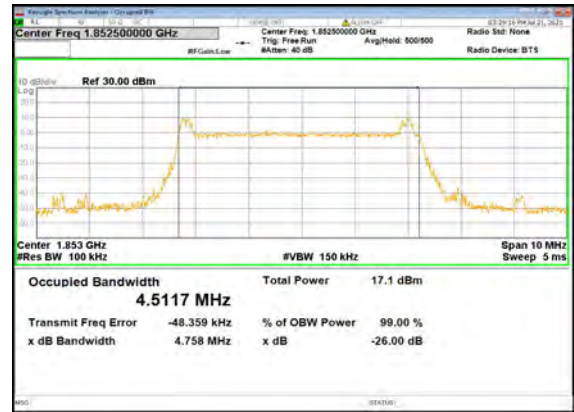


100	Low	DFT-s-OFDM	16QAM	97.953	101.2
	Low		64QAM	97.498	100.4
	Low		256QAM	97.836	101.1
	Low	CP-OFDM	QPSK	99.761	103.0
	Mid	DFT-s-OFDM	PI/2 BPSK	98.542	101.1
	Mid		QPSK	98.799	101.8
	Mid		16QAM	98.333	101.3
	Mid		64QAM	98.276	101.4
	Mid		256QAM	98.715	102.5
	Mid	CP-OFDM	QPSK	98.425	103.0
	High	DFT-s-OFDM	PI/2 BPSK	98.435	101.4
	High		QPSK	97.921	100.9
	High		16QAM	97.91	101.0
	High		64QAM	97.716	101.0
	High		256QAM	96.527	100.9
	High	CP-OFDM	QPSK	97.778	101.1

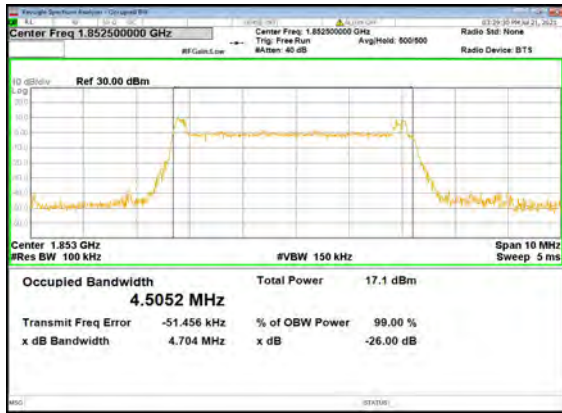
B13_N2(5M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



B13_N2(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



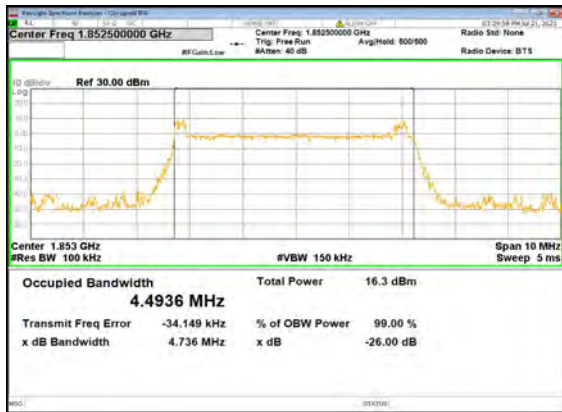
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QAM_Outer_Full_Low_CH



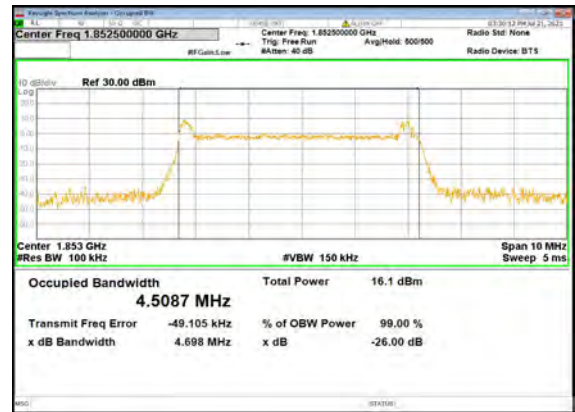
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QAM_Outer_Full_Low_CH



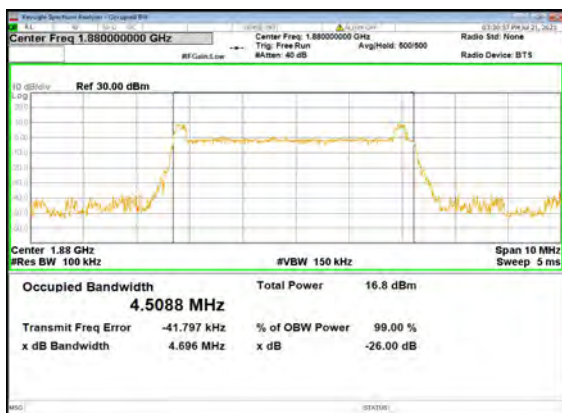
B13_N2(5M)_DFT-s-OFDM_256
QAM_Outer_Full_Low_CH



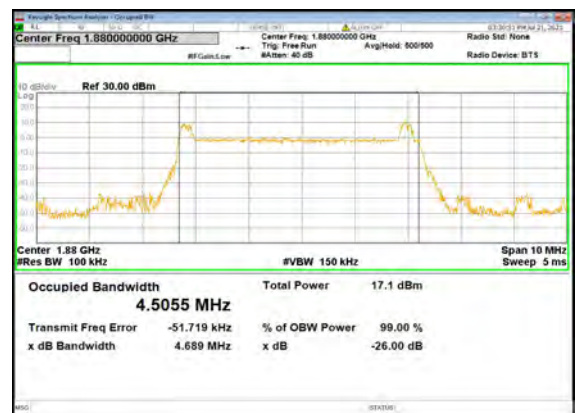
B13_N2(5M)_CP-OFDM_QPSK_Outer_Full
Low_CH



B13_N2(5M)_DFT-s-OFDM_PI_2-BPSK_Outer_F
ull_Mid_CH



B13_N2(5M)_DFT-s-OFDM_QPSK_Outer_Fu
ll_Mid_CH



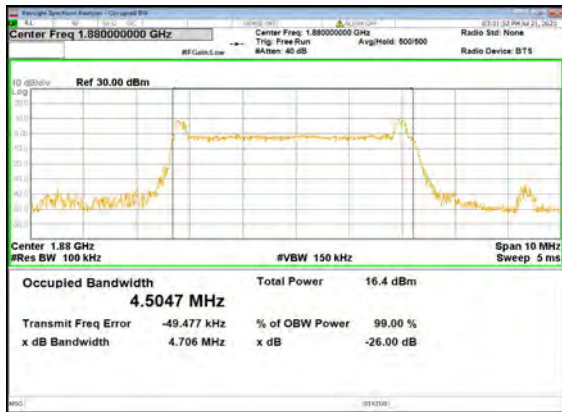
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QAM_Outer_Full_Mid_CH



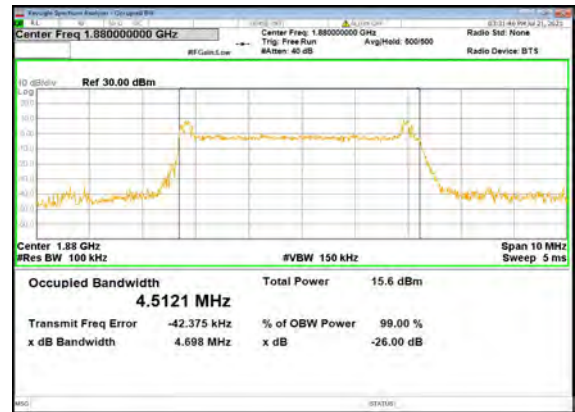
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QAM_Outer_Full_Mid_CH



B13_N2(5M)_DFT-s-OFDM_256
QAM_Outer_Full_Mid_CH



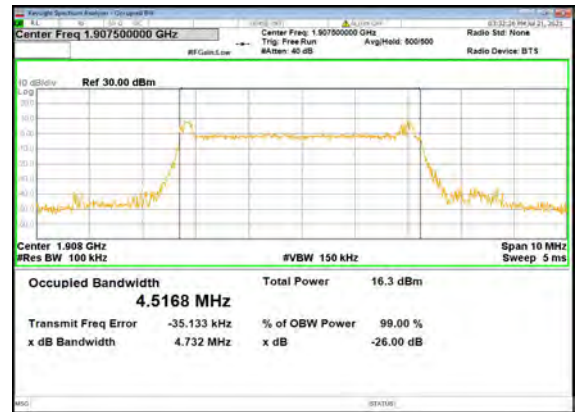
B13_N2(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



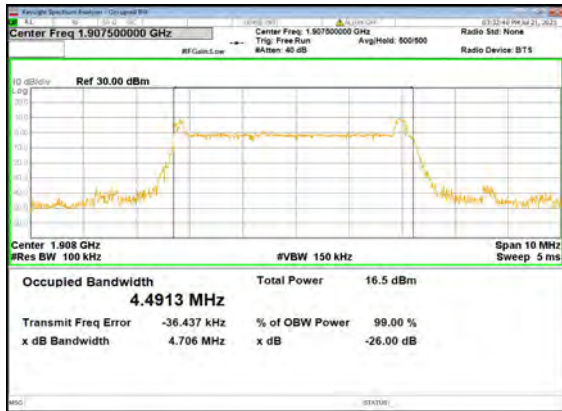
B13_N2(5M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



B13_N2(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



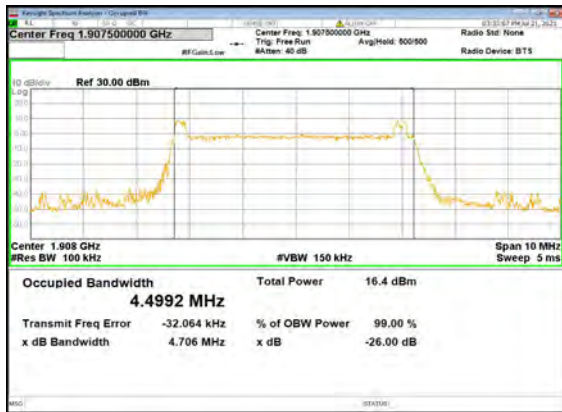
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QAM_Outer_Full_High_CH



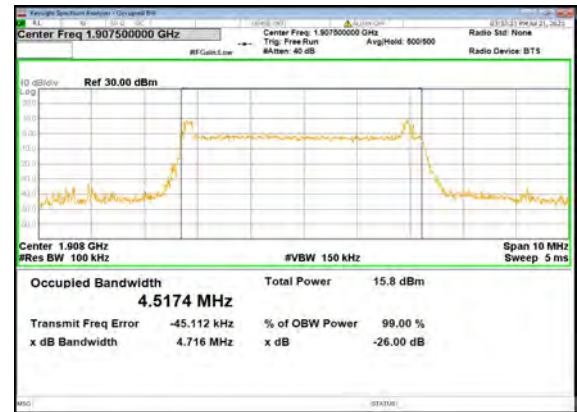
B13_N2(5M)_DFT-s-OFDM_64
QAM_Outer_Full_High_CH



B13_N2(5M)_DFT-s-OFDM_256
QAM_Outer_Full_High_CH



B13_N2(5M)_CP-OFDM_QPSK_Outer_Full_High_CH



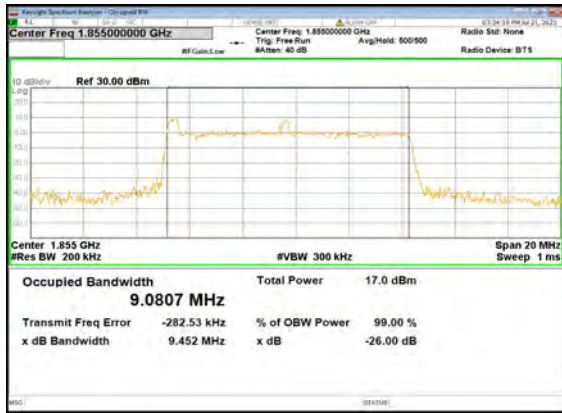
B13_N2(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



B13_N2(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



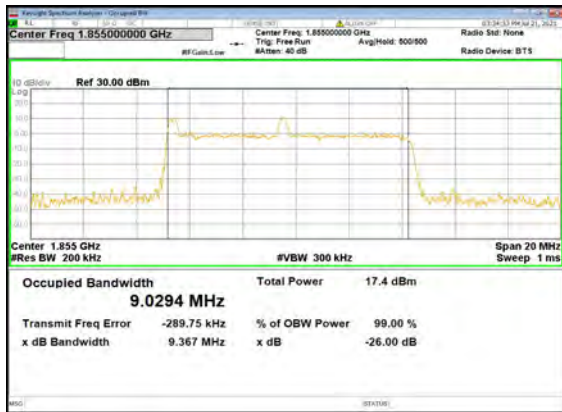
B13_N2(10M)_DFT-s-OFDM_16
QAM_Outer_Full_Low_CH



B13_N2(10M)_DFT-s-OFDM_64
QAM_Outer_Full_Low_CH



B13_N2(10M)_DFT-s-OFDM_256
QAM_Outer_Full_Low_CH



B13_N2(10M)_CP-OFDM_QPSK_Outer_Full
_Low_CH



B13_N2(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_
Full_Mid_CH



B13_N2(10M)_DFT-s-OFDM_QPSK_Outer_F
ull_Mid_CH



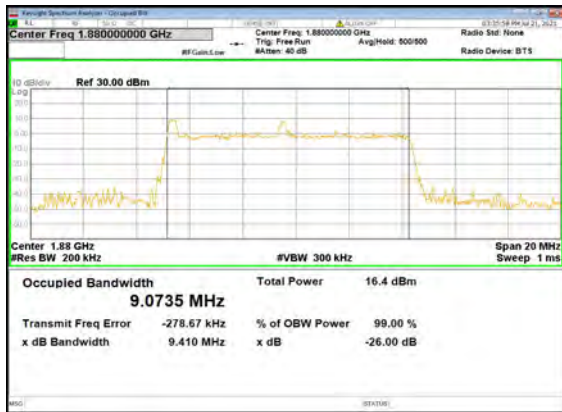
B13_N2(10M)_DFT-s-OFDM_16
QAM_Outer_Full_Mid_CH



B13_N2(10M)_DFT-s-OFDM_64
QAM_Outer_Full_Mid_CH



B13_N2(10M)_DFT-s-OFDM_256
QAM_Outer_Full_Mid_CH



B13_N2(10M)_CP-OFDM_QPSK_Outer_Full
_Mid_CH



B13_N2(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_
Full_High_CH



B13_N2(10M)_DFT-s-OFDM_QPSK_Outer_F
ull_High_CH



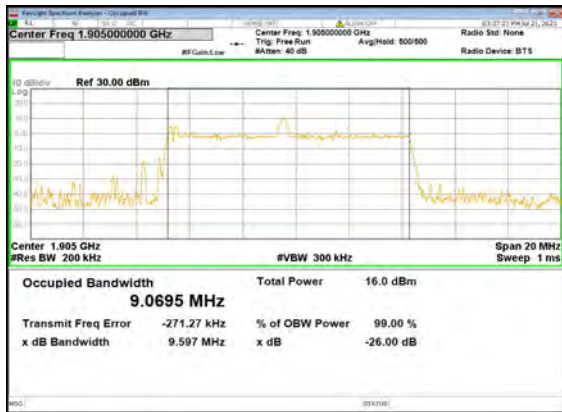
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QAM_Outer_Full_High_CH



B13_N2(10M)_DFT-s-OFDM_64
QAM_Outer_Full_High_CH



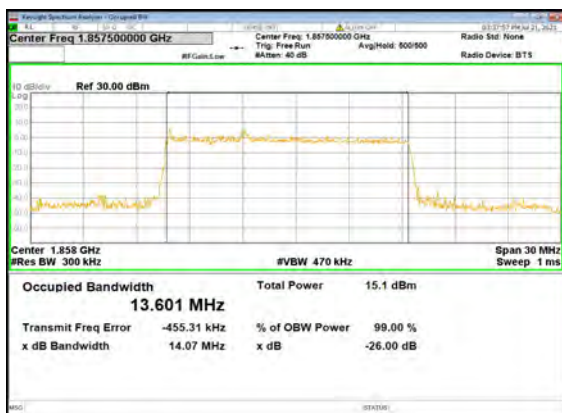
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QAM_Outer_Full_High_CH



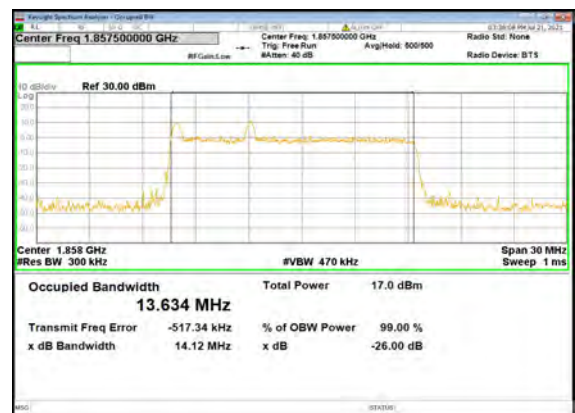
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B13_N2(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH

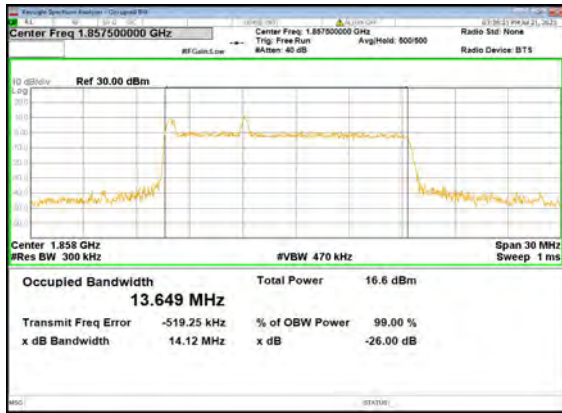


B13_N2(15M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

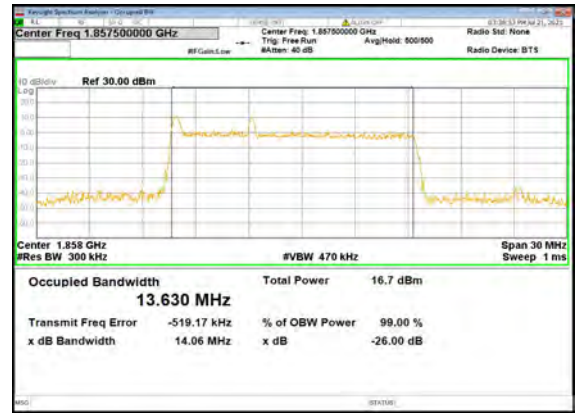




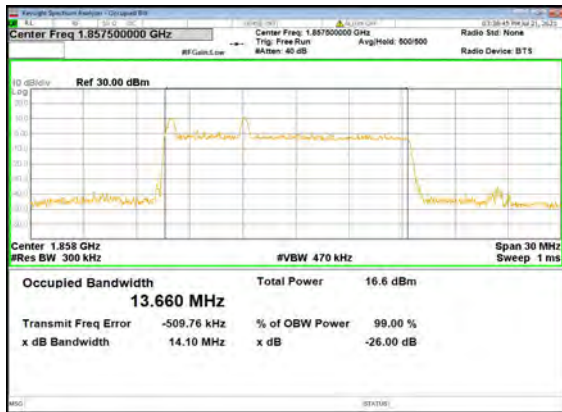
B13_N2(15M)_DFT-s-OFDM_16
QAM_Outer_Full_Low_CH



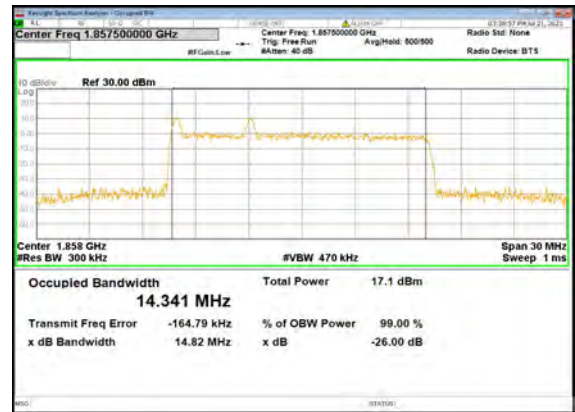
B13_N2(15M)_DFT-s-OFDM_64
QAM_Outer_Full_Low_CH



B13_N2(15M)_DFT-s-OFDM_256
QAM_Outer_Full_Low_CH



B13_N2(15M)_CP-OFDM_QPSK_Outer_Full
_Low_CH



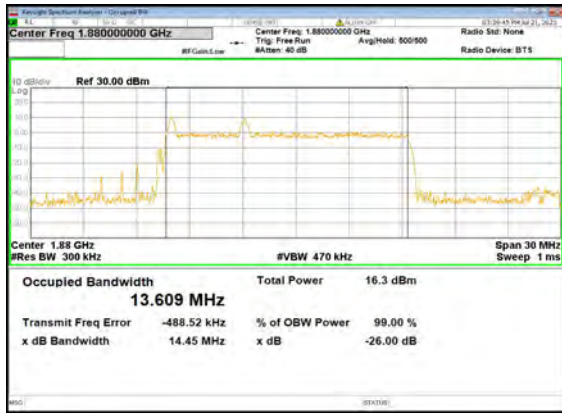
B13_N2(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_
Full_Mid_CH



B13_N2(15M)_DFT-s-OFDM_QPSK_Outer_F
ull_Mid_CH



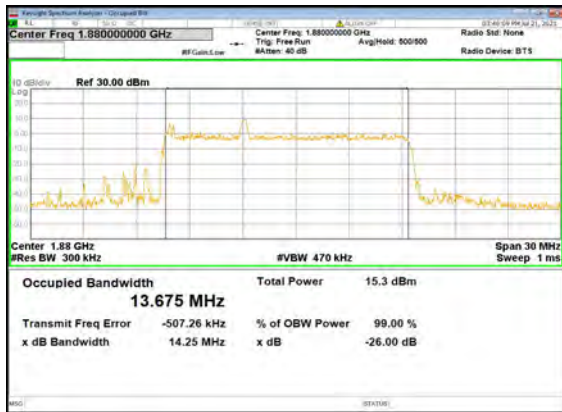
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QAM_Outer_Full_Mid_CH



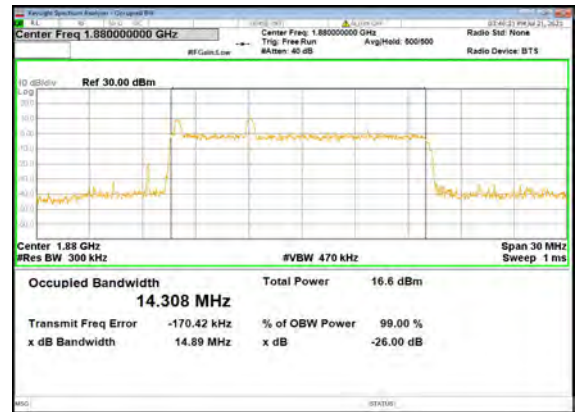
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QAM_Outer_Full_Mid_CH



B13_N2(15M)_DFT-s-OFDM_256
QAM_Outer_Full_Mid_CH



B13_N2(15M)_CP-OFDM_QPSK_Outer_Full
_Mid_CH



B13_N2(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_
Full_High_CH



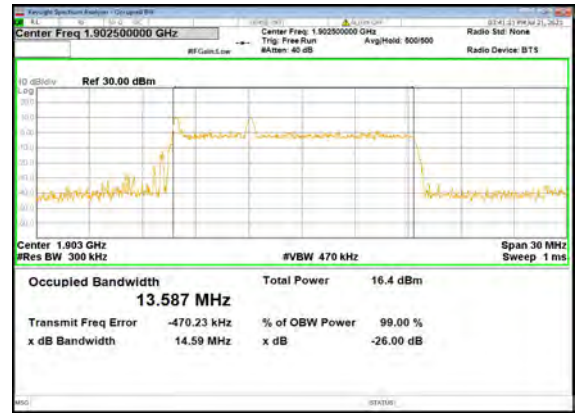
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ull_High_CH



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QAM_Outer_Full_High_CH



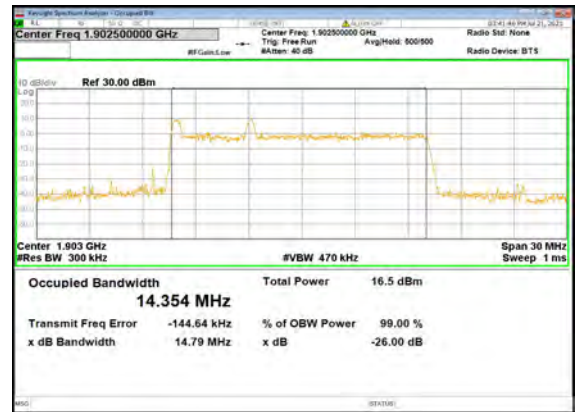
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QAM_Outer_Full_High_CH



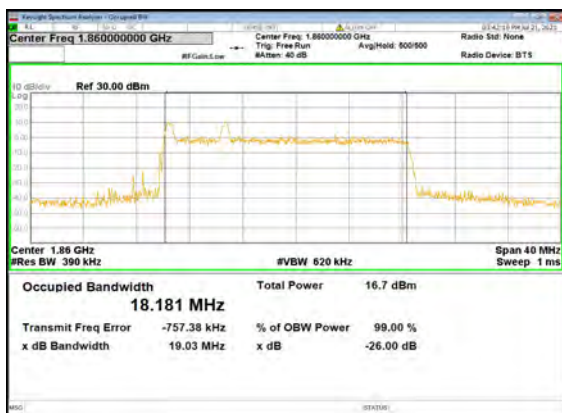
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QAM_Outer_Full_High_CH



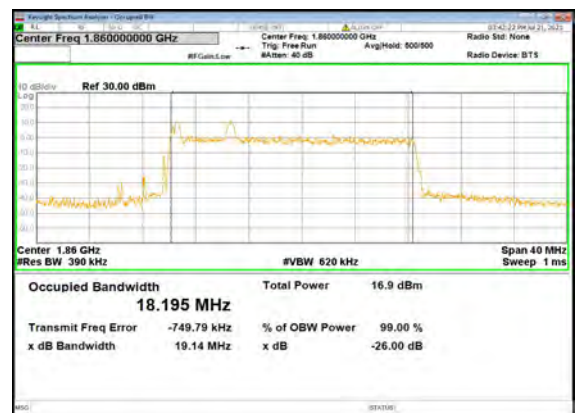
B13_N2(15M)_CP-OFDM_QPSK_Outer_Full_High_CH



B13_N2(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



B13_N2(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH





B13_N2(20M)_DFT-s-OFDM_16
QAM_Outer_Full_Low_CH



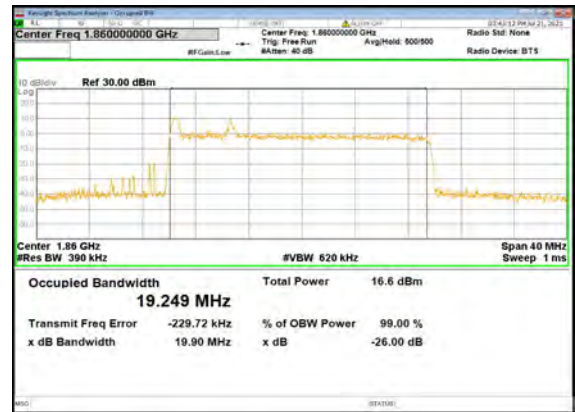
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QAM_Outer_Full_Low_CH



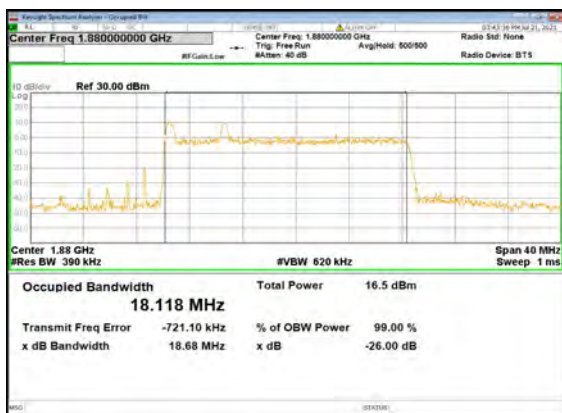
B13_N2(20M)_DFT-s-OFDM_256
QAM_Outer_Full_Low_CH



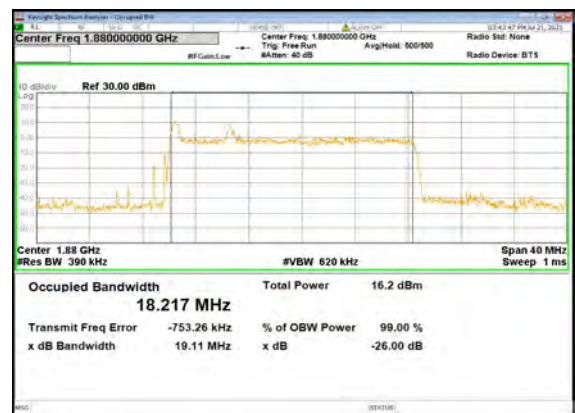
B13_N2(20M)_CP-OFDM_QPSK_Outer_Full
_Low_CH



B13_N2(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_
Full_Mid_CH



B13_N2(20M)_DFT-s-OFDM_QPSK_Outer_F
ull_Mid_CH



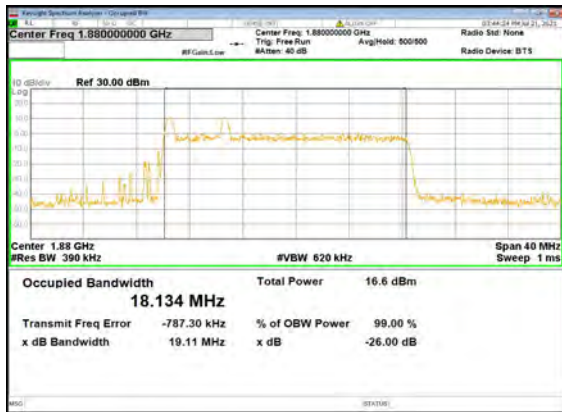
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QAM_Outer_Full_Mid_CH



B13_N2(20M)_DFT-s-OFDM_64
QAM_Outer_Full_Mid_CH



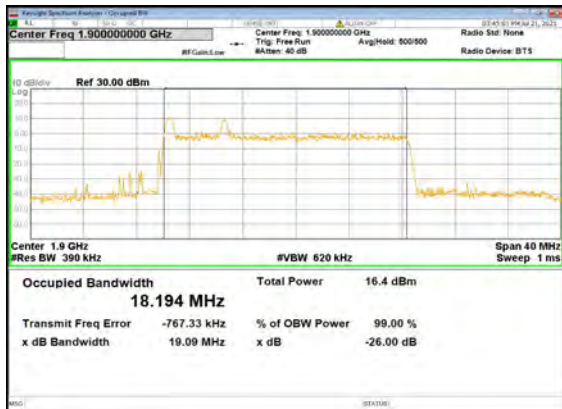
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QAM_Outer_Full_Mid_CH



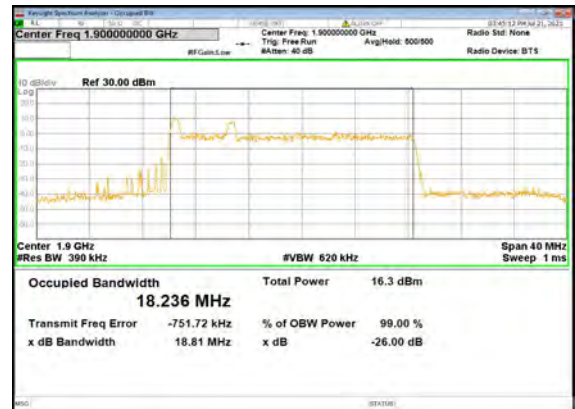
B13_N2(20M)_CP-OFDM_QPSK_Outer_Full
_Mid_CH



B13_N2(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_
Full_High_CH



B13_N2(20M)_DFT-s-OFDM_QPSK_Outer_F
ull_High_CH



B13_N2(20M)_DFT-s-OFDM_16
QAM_Outer_Full_High_CH



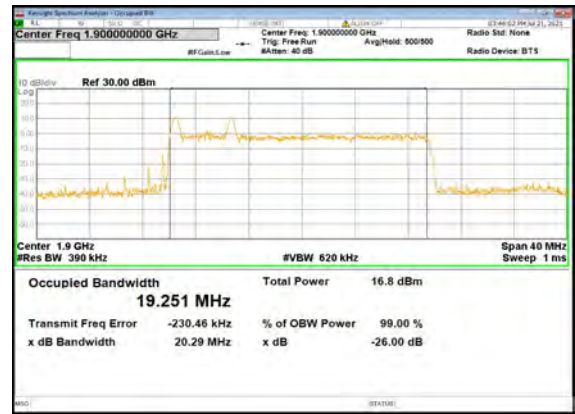
B13_N2(20M)_DFT-s-OFDM_64
QAM_Outer_Full_High_CH



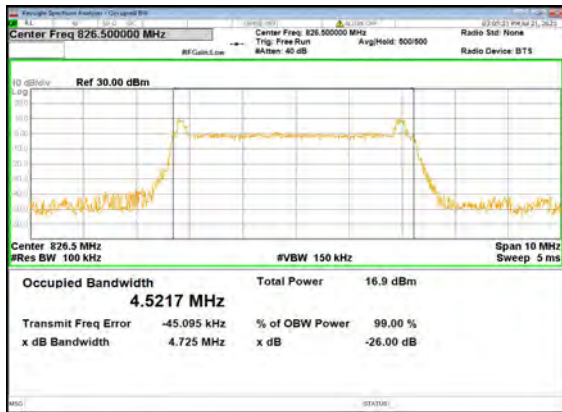
B13_N2(20M)_DFT-s-OFDM_256
QAM_Outer_Full_High_CH



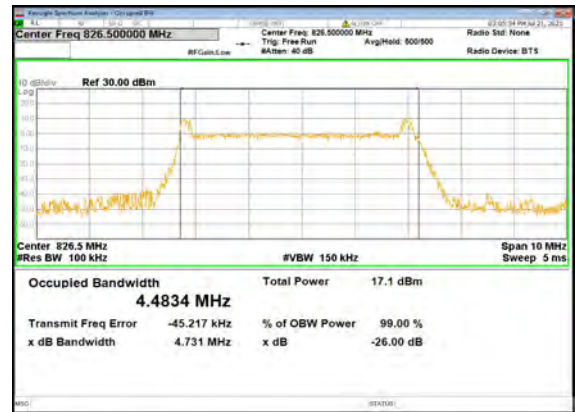
B13_N2(20M)_CP-OFDM_QPSK_Outer_Full
_High_CH



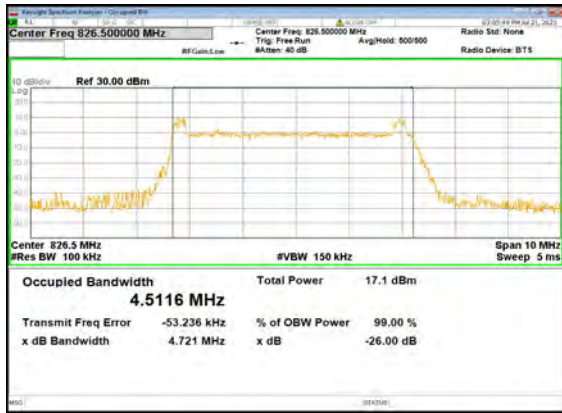
B2_N5(5M)_DFT-s-OFDM_PI_2-BPSK_Outer_Fu
ll_Low_CH



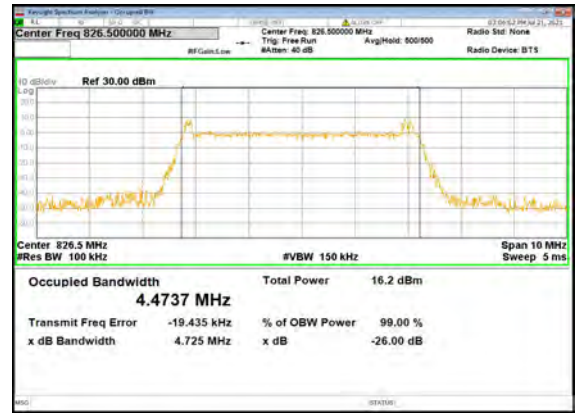
B2_N5(5M)_DFT-s-OFDM_QPSK_Outer_Full
_Low_CH



B2_N5(5M)_DFT-s-OFDM_16
QAM_Outer_Full_Low_CH



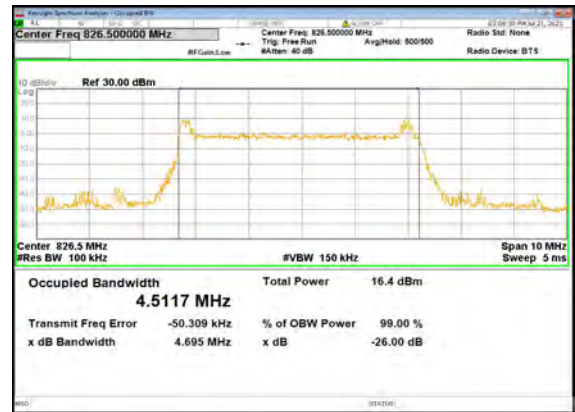
B2_N5(5M)_DFT-s-OFDM_64
QAM_Outer_Full_Low_CH



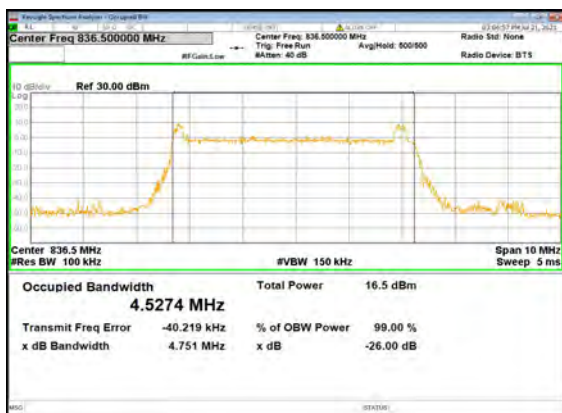
B2_N5(5M)_DFT-s-OFDM_256
QAM_Outer_Full_Low_CH



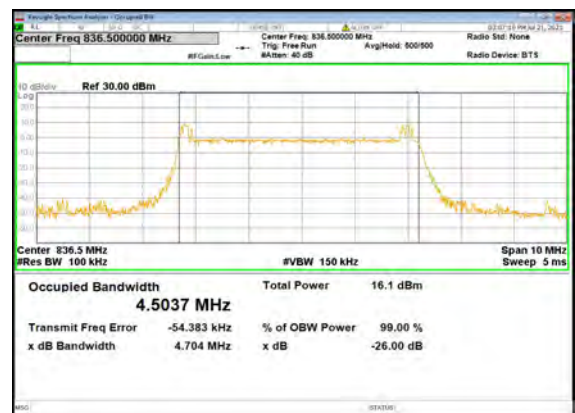
B2_N5(5M)_CP-OFDM_QPSK_Outer_Full_Low_CH



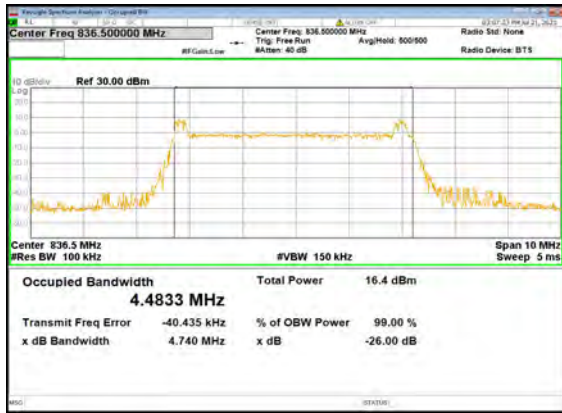
B2_N5(5M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



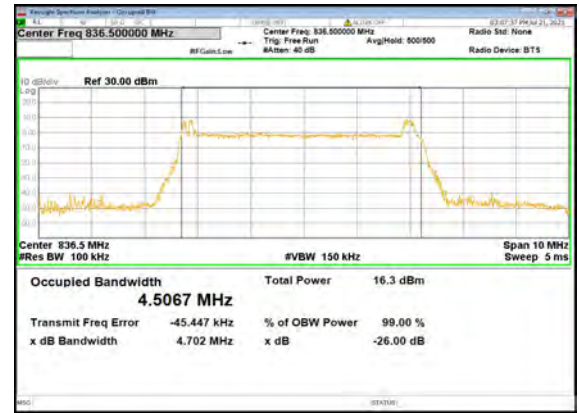
B2_N5(5M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



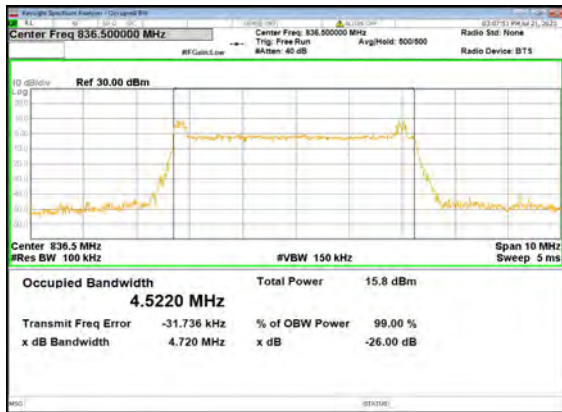
B2_N5(5M)_DFT-s-OFDM_16
QAM_Outer_Full_Mid_CH



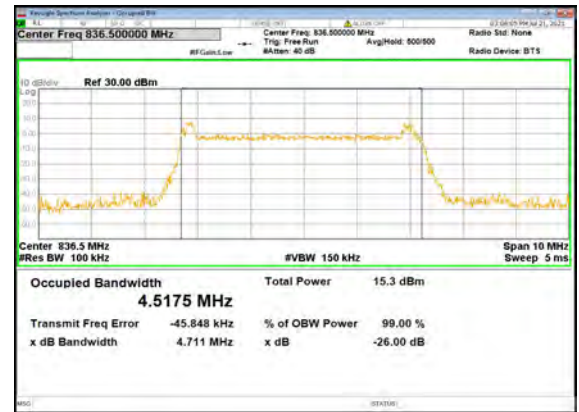
B2_N5(5M)_DFT-s-OFDM_64
QAM_Outer_Full_Mid_CH



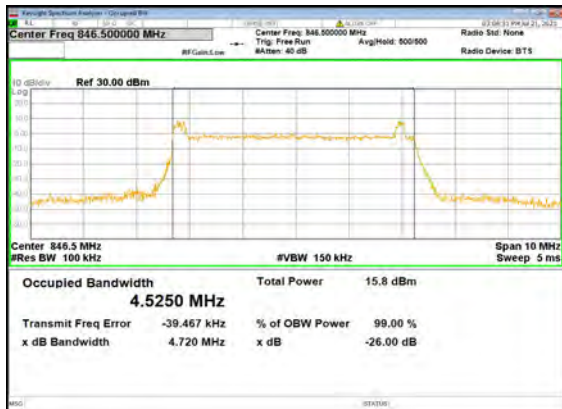
B2_N5(5M)_DFT-s-OFDM_256
QAM_Outer_Full_Mid_CH



B2_N5(5M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



B2_N5(5M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH

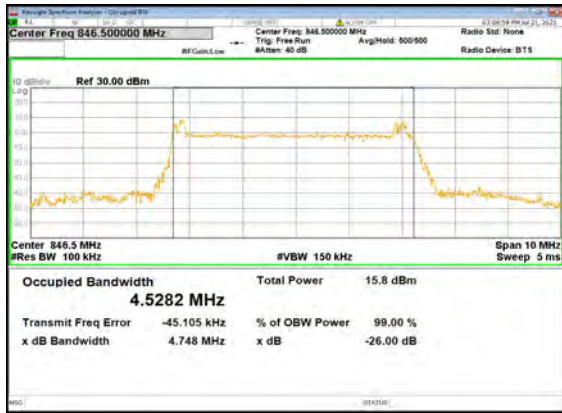


B2_N5(5M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH





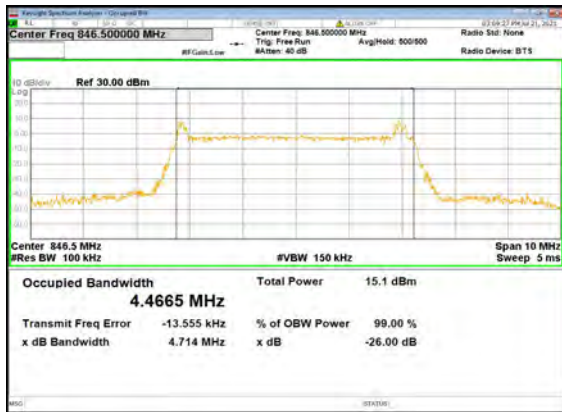
B2_N5(5M)_DFT-s-OFDM_16
QAM_Outer_Full_High_CH



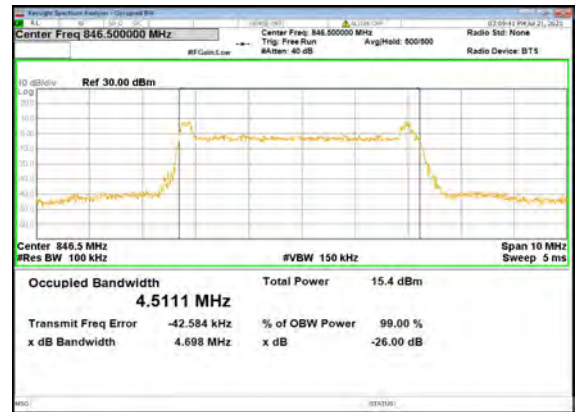
B2_N5(5M)_DFT-s-OFDM_64
QAM_Outer_Full_High_CH



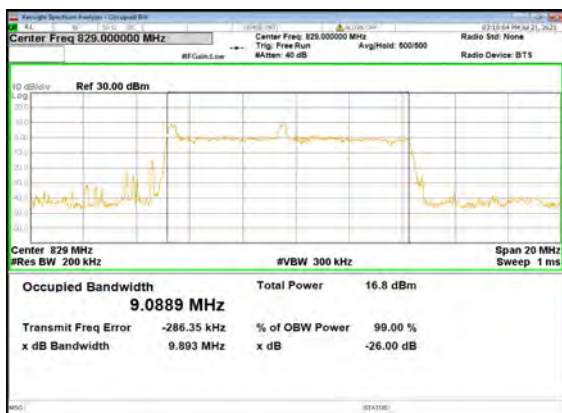
B2_N5(5M)_DFT-s-OFDM_256
QAM_Outer_Full_High_CH



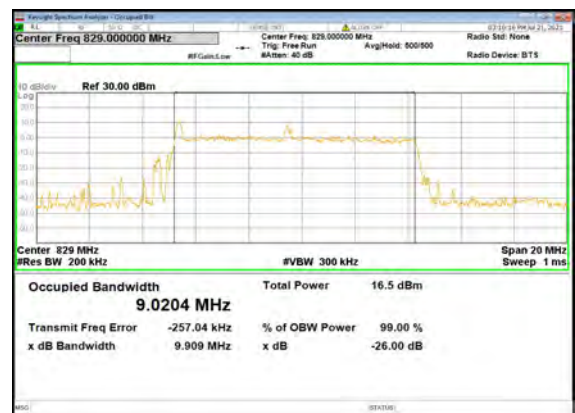
B2_N5(5M)_CP-OFDM_QPSK_Outer_Full_High_CH



B2_N5(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



B2_N5(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

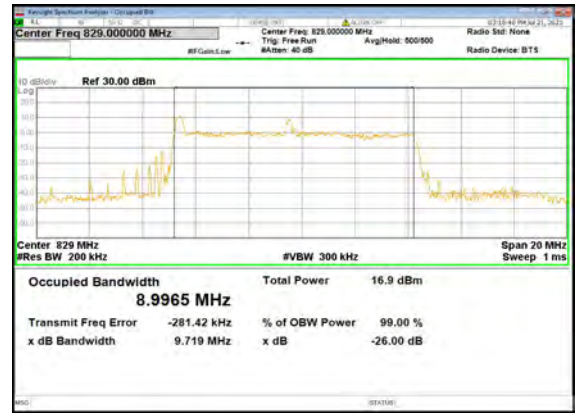




B2_N5(10M)_DFT-s-OFDM_16
QAM_Outer_Full_Low_CH



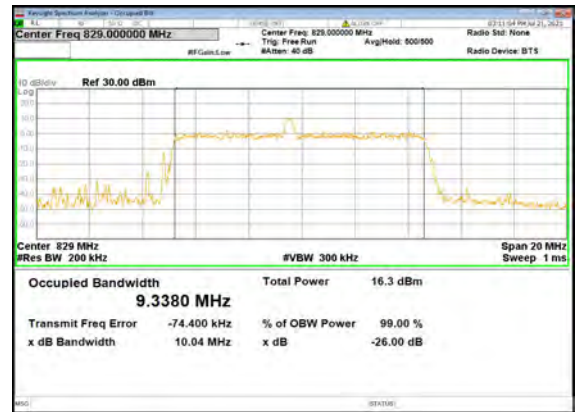
B2_N5(10M)_DFT-s-OFDM_64
QAM_Outer_Full_Low_CH



B2_N5(10M)_DFT-s-OFDM_256
QAM_Outer_Full_Low_CH



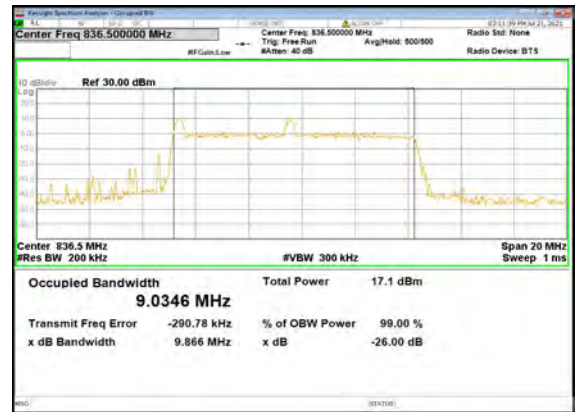
B2_N5(10M)_CP-OFDM_QPSK_Outer_Full_Low_CH



B2_N5(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH

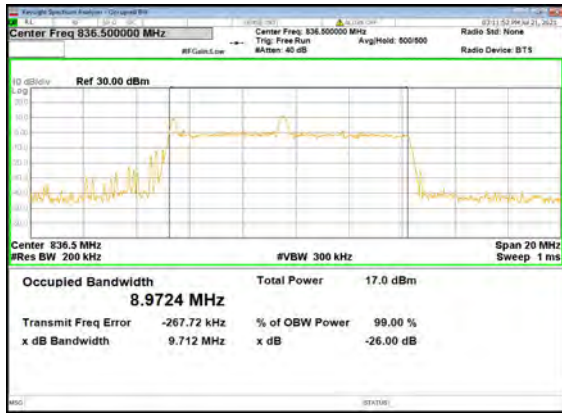


B2_N5(10M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH

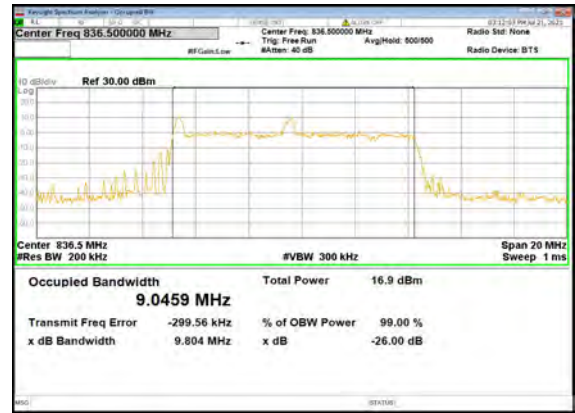




B2_N5(10M)_DFT-s-OFDM_16
QAM_Outer_Full_Mid_CH



B2_N5(10M)_DFT-s-OFDM_64
QAM_Outer_Full_Mid_CH



B2_N5(10M)_DFT-s-OFDM_256
QAM_Outer_Full_Mid_CH



B2_N5(10M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



B2_N5(10M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



B2_N5(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



B2_N5(10M)_DFT-s-OFDM_16
QAM_Outer_Full_High_CH



B2_N5(10M)_DFT-s-OFDM_64
QAM_Outer_Full_High_CH



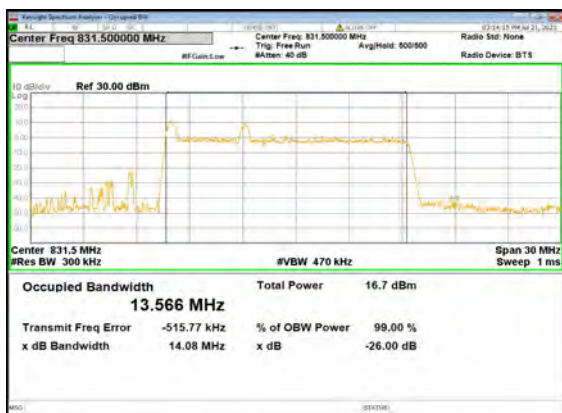
B2_N5(10M)_DFT-s-OFDM_256
QAM_Outer_Full_High_CH



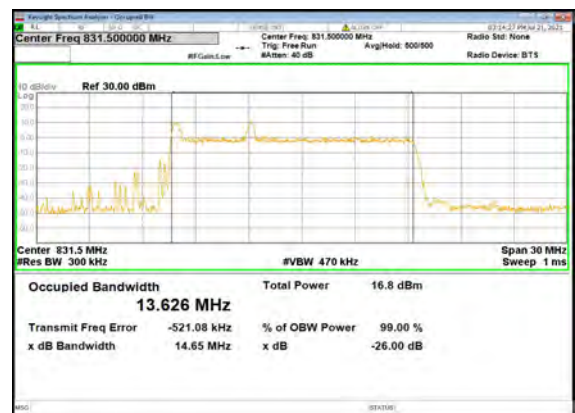
B2_N5(10M)_CP-OFDM_QPSK_Outer_Full_High_CH



B2_N5(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



B2_N5(15M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



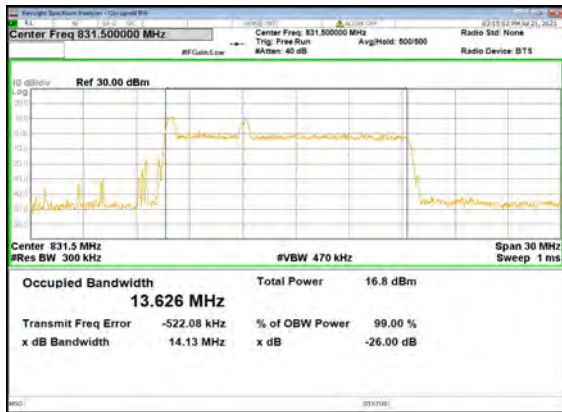
B2_N5(15M)_DFT-s-OFDM_16
QAM_Outer_Full_Low_CH



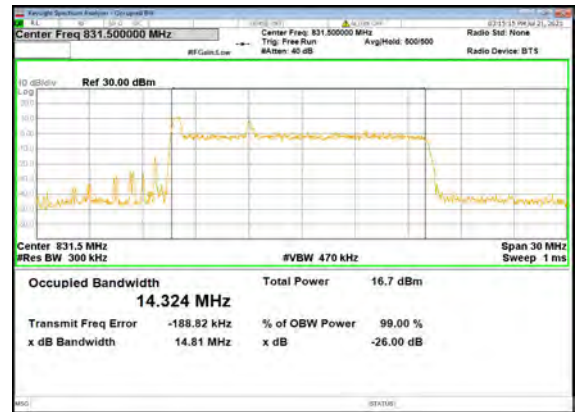
B2_N5(15M)_DFT-s-OFDM_64
QAM_Outer_Full_Low_CH



B2_N5(15M)_DFT-s-OFDM_256
QAM_Outer_Full_Low_CH



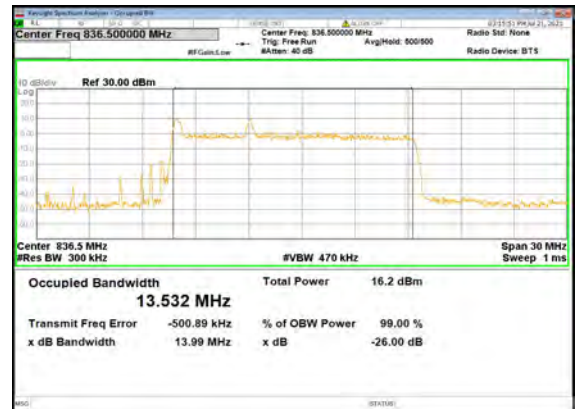
B2_N5(15M)_CP-OFDM_QPSK_Outer_Full_Low_CH



B2_N5(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



B2_N5(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



B2_N5(15M)_DFT-s-OFDM_16
QAM_Outer_Full_Mid_CH



B2_N5(15M)_DFT-s-OFDM_64
QAM_Outer_Full_Mid_CH



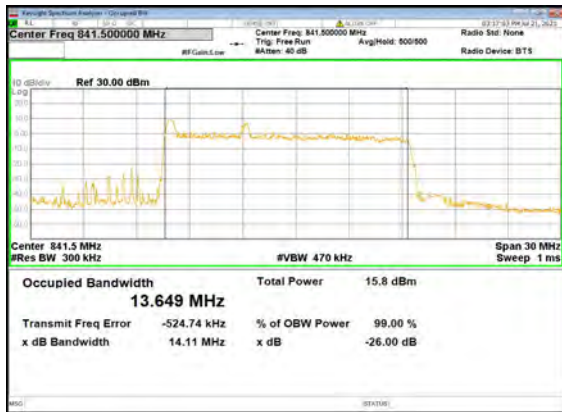
B2_N5(15M)_DFT-s-OFDM_256
QAM_Outer_Full_Mid_CH



B2_N5(15M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



B2_N5(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



B2_N5(15M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



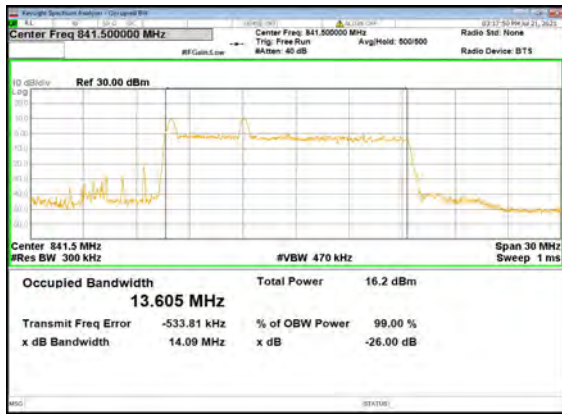
B2_N5(15M)_DFT-s-OFDM_16
QAM_Outer_Full_High_CH



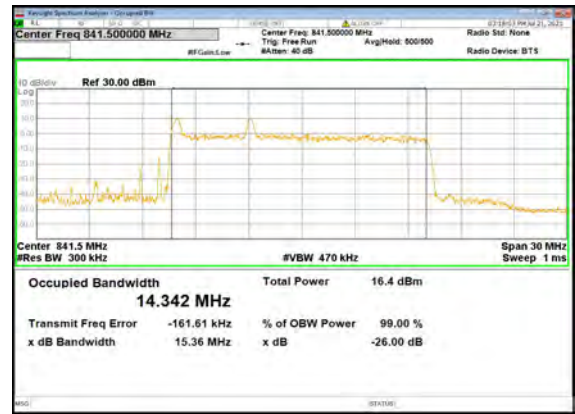
B2_N5(15M)_DFT-s-OFDM_64
QAM_Outer_Full_High_CH



B2_N5(15M)_DFT-s-OFDM_256
QAM_Outer_Full_High_CH



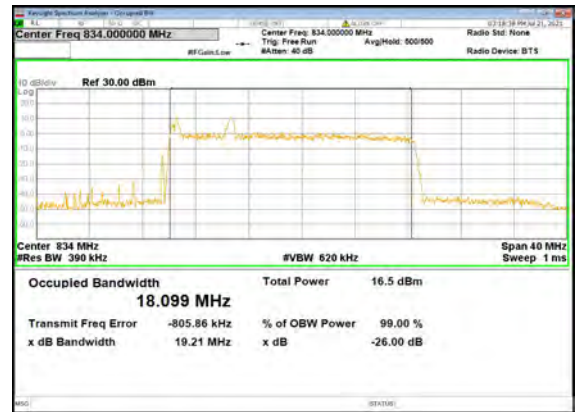
B2_N5(15M)_CP-OFDM_QPSK_Outer_Full_High_CH



B2_N5(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



B2_N5(20M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH





B2_N5(20M)_DFT-s-OFDM_16
QAM_Outer_Full_Low_CH



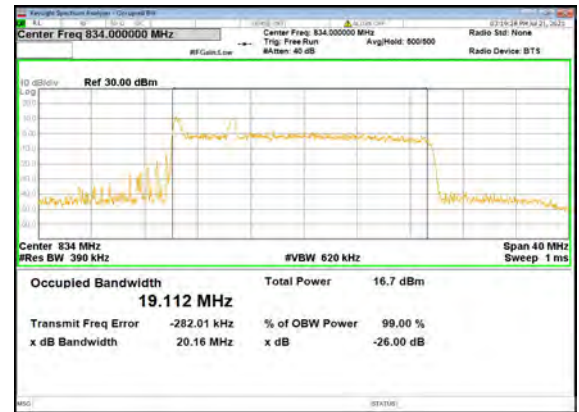
B2_N5(20M)_DFT-s-OFDM_64
QAM_Outer_Full_Low_CH



B2_N5(20M)_DFT-s-OFDM_256
QAM_Outer_Full_Low_CH



B2_N5(20M)_CP-OFDM_QPSK_Outer_Full_Low_CH



B2_N5(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



B2_N5(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



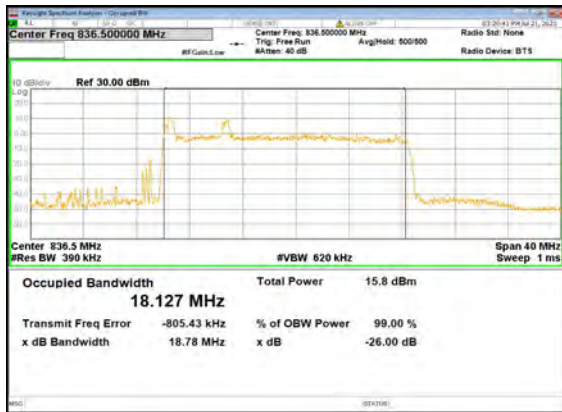
B2_N5(20M)_DFT-s-OFDM_16
QAM_Outer_Full_Mid_CH



B2_N5(20M)_DFT-s-OFDM_64
QAM_Outer_Full_Mid_CH



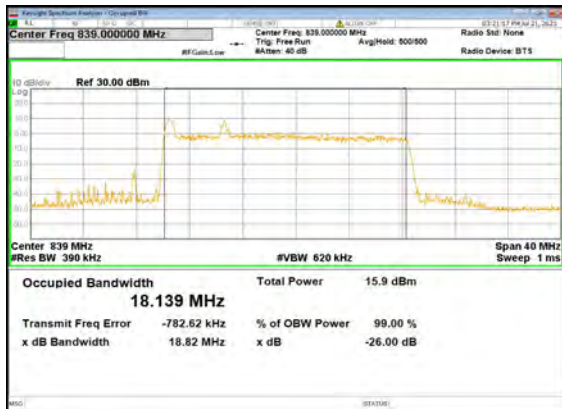
B2_N5(20M)_DFT-s-OFDM_256
QAM_Outer_Full_Mid_CH



B2_N5(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



B2_N5(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



B2_N5(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH

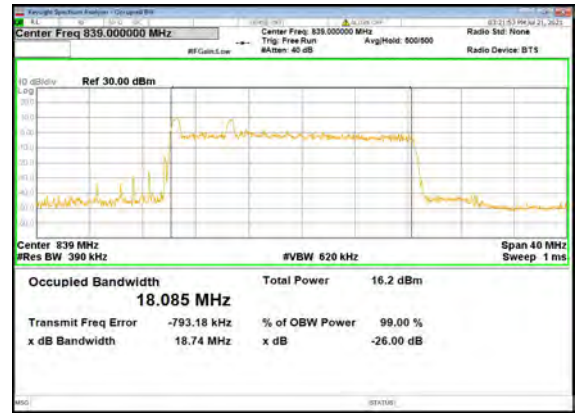




B2_N5(20M)_DFT-s-OFDM_16
QAM_Outer_Full_High_CH



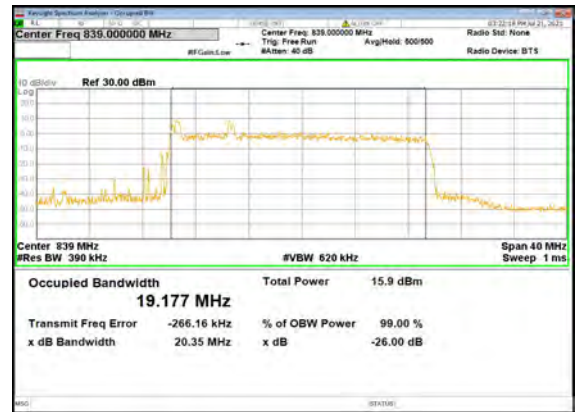
B2_N5(20M)_DFT-s-OFDM_64
QAM_Outer_Full_High_CH



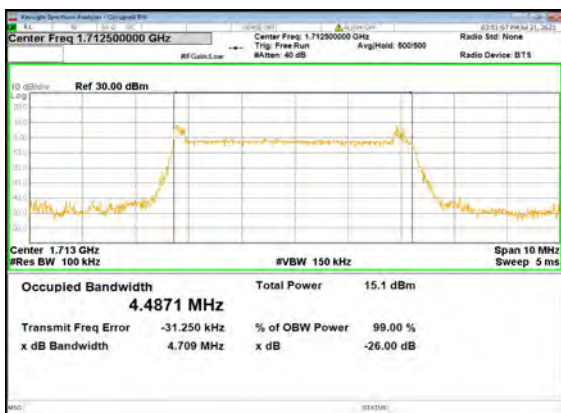
B2_N5(20M)_DFT-s-OFDM_256
QAM_Outer_Full_High_CH



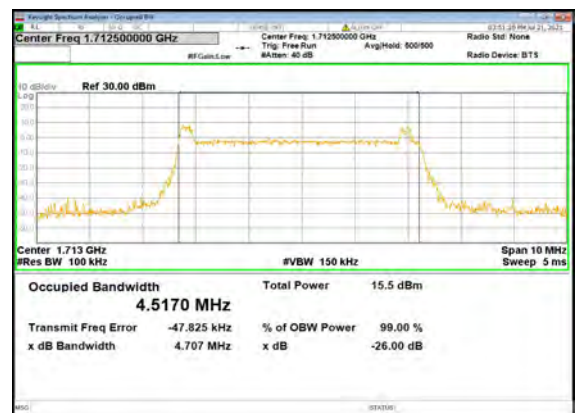
B2_N5(20M)_CP-OFDM_QPSK_Outer_Full_High_CH



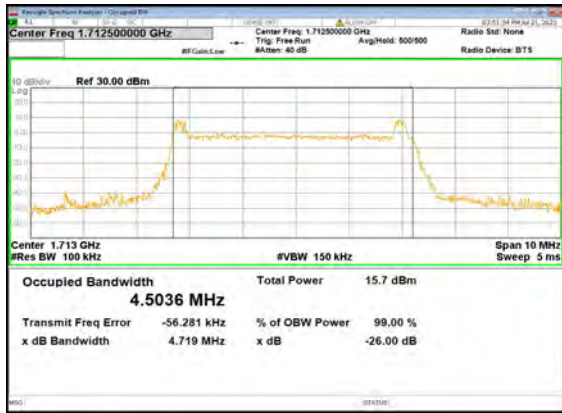
B13_N66(5M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



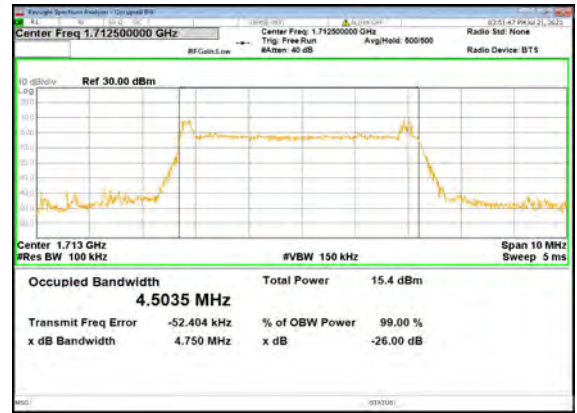
B13_N66(5M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



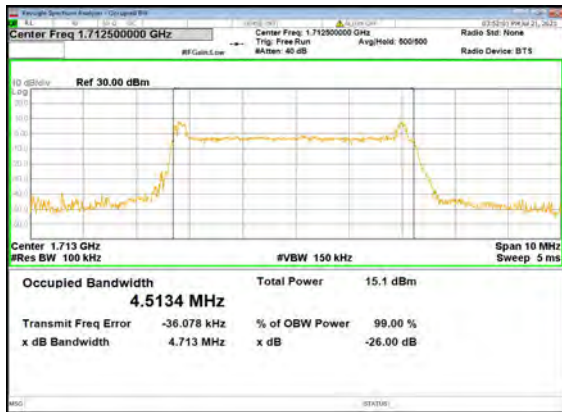
B13_N66(5M)_DFT-s-OFDM_16
QAM_Outer_Full_Low_CH



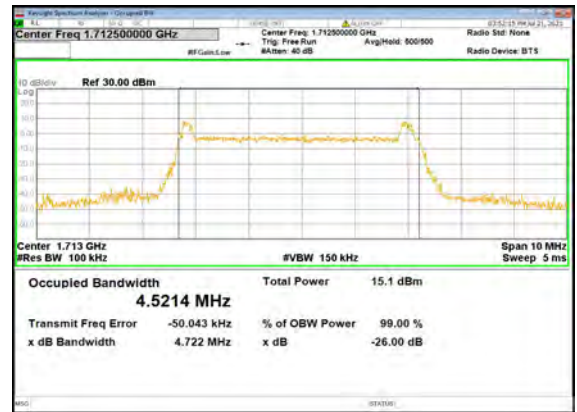
B13_N66(5M)_DFT-s-OFDM_64
QAM_Outer_Full_Low_CH



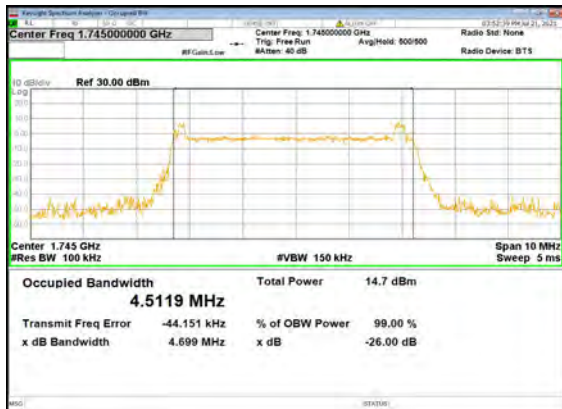
B13_N66(5M)_DFT-s-OFDM_256
QAM_Outer_Full_Low_CH



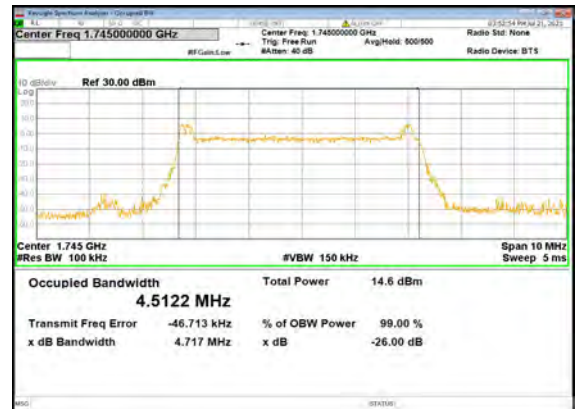
B13_N66(5M)_CP-OFDM_QPSK_Outer_Full
_Low_CH



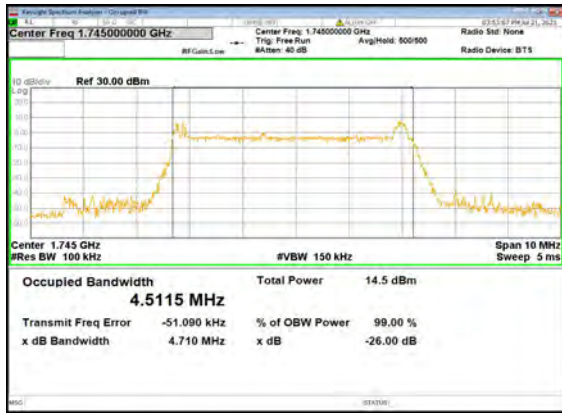
B13_N66(5M)_DFT-s-OFDM_PI_2-BPSK_Outer_
Full_Mid_CH



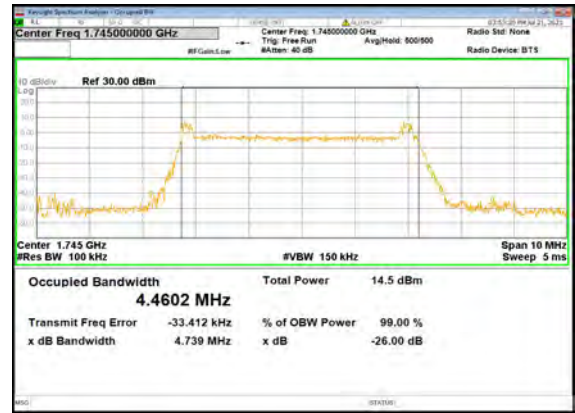
B13_N66(5M)_DFT-s-OFDM_QPSK_Outer_F
ull_Mid_CH



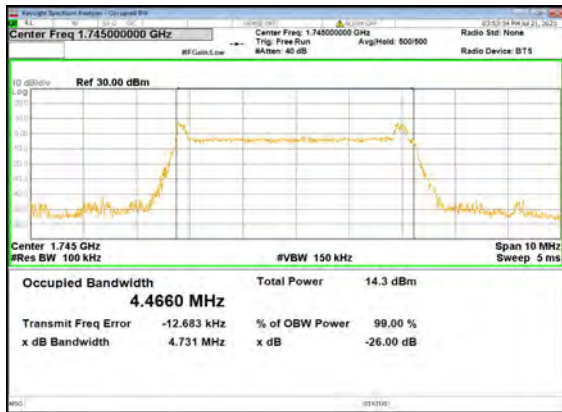
B13_N66(5M)_DFT-s-OFDM_16
QAM_Outer_Full_Mid_CH



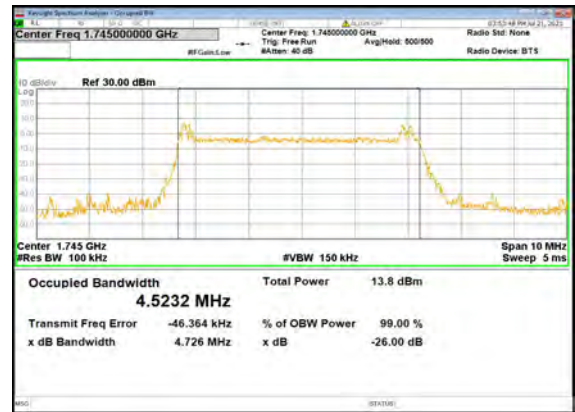
B13_N66(5M)_DFT-s-OFDM_64
QAM_Outer_Full_Mid_CH



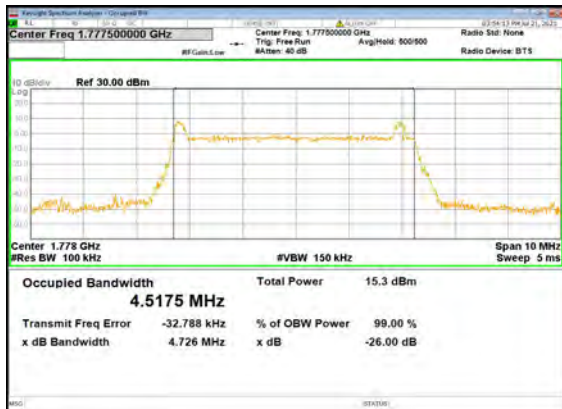
B13_N66(5M)_DFT-s-OFDM_256
QAM_Outer_Full_Mid_CH



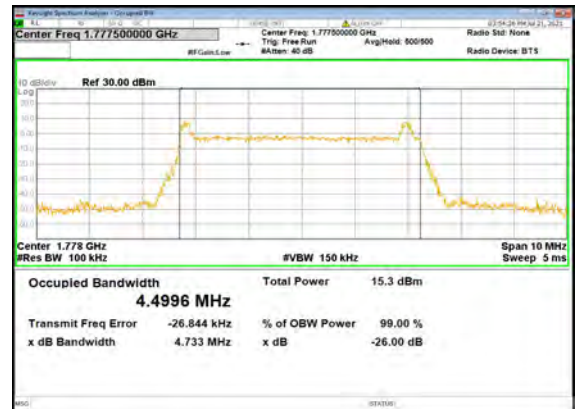
B13_N66(5M)_CP-OFDM_QPSK_Outer_Full
_Mid_CH



B13_N66(5M)_DFT-s-OFDM_PI_2-BPSK_Outer_
Full_High_CH

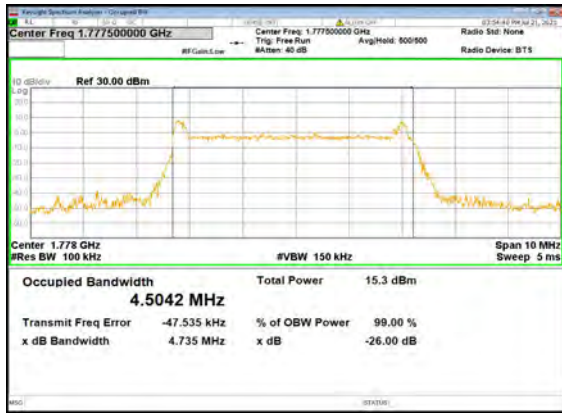


B13_N66(5M)_DFT-s-OFDM_QPSK_Outer_F
ull_High_CH

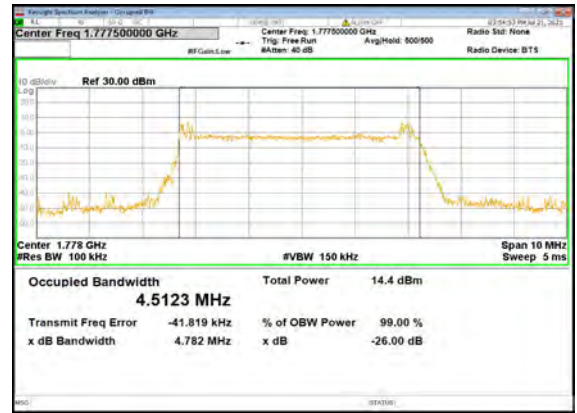




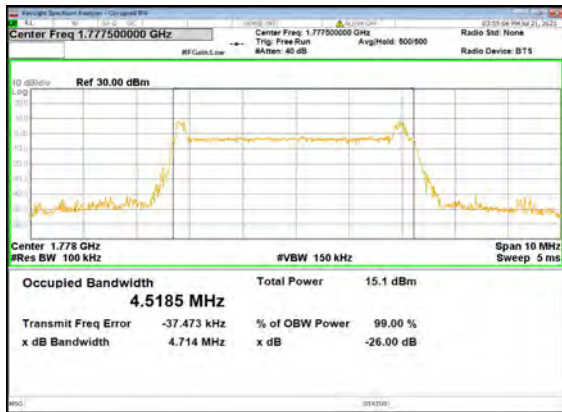
B13_N66(5M)_DFT-s-OFDM_16
QAM_Outer_Full_High_CH



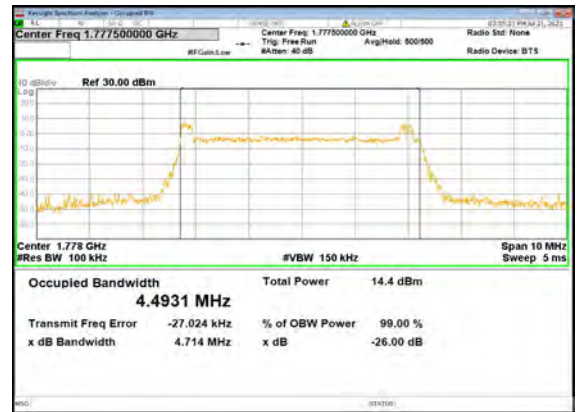
B13_N66(5M)_DFT-s-OFDM_64
QAM_Outer_Full_High_CH



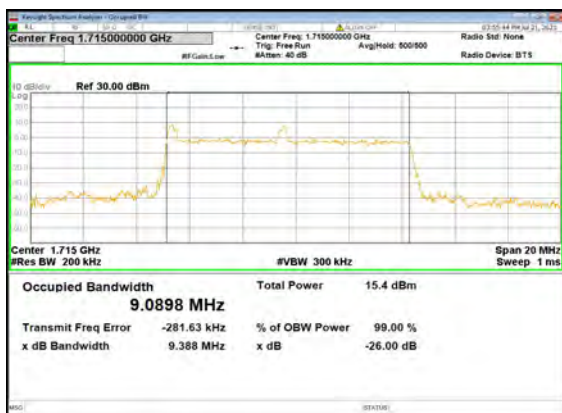
B13_N66(5M)_DFT-s-OFDM_256
QAM_Outer_Full_High_CH



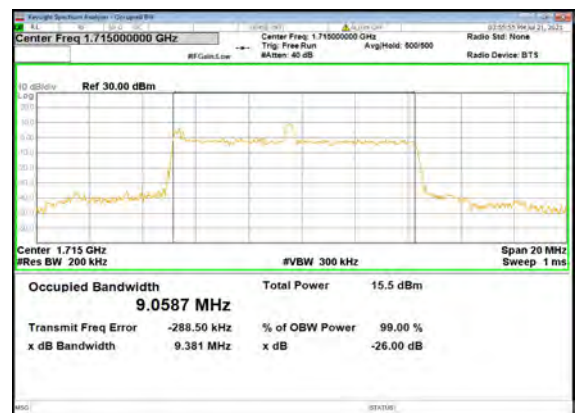
B13_N66(5M)_CP-OFDM_QPSK_Outer_Full
_High_CH



B13_N66(10M)_DFT-s-OFDM_PI_2-BPSK_Outer
_Full_Low_CH

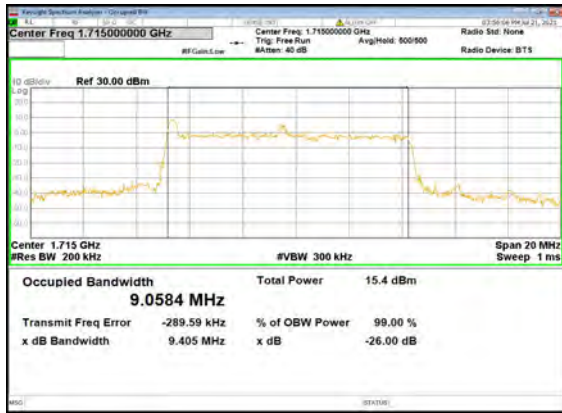


B13_N66(10M)_DFT-s-OFDM_QPSK_Outer
_Full_Low_CH





B13_N66(10M)_DFT-s-OFDM_16
QAM_Outer_Full_Low_CH



B13_N66(10M)_DFT-s-OFDM_64
QAM_Outer_Full_Low_CH



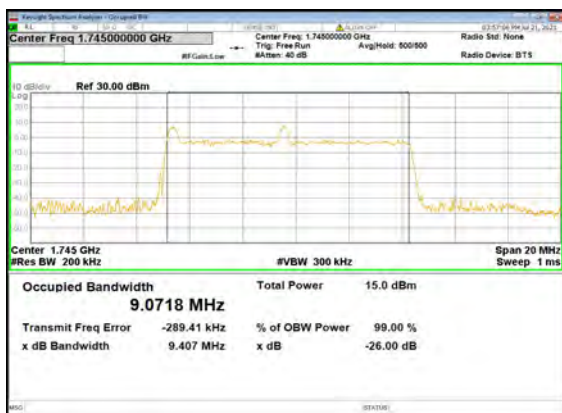
B13_N66(10M)_DFT-s-OFDM_256
QAM_Outer_Full_Low_CH



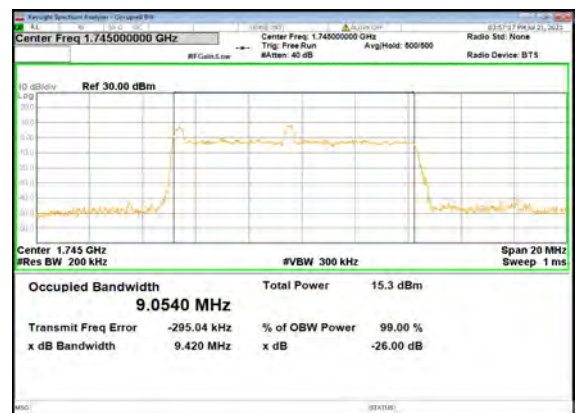
B13_N66(10M)_CP-OFDM_QPSK_Outer_Ful
I_Low_CH



B13_N66(10M)_DFT-s-OFDM_PI_2-BPSK_Outer
_Full_Mid_CH

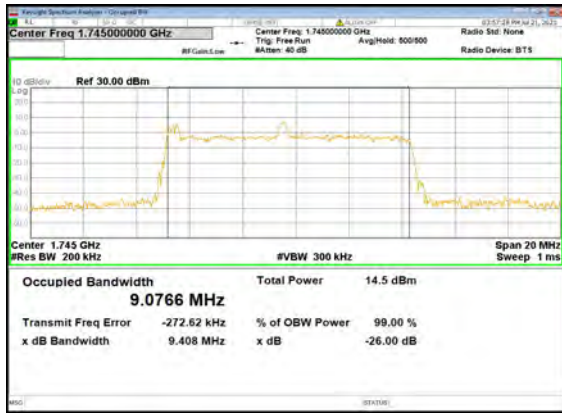


B13_N66(10M)_DFT-s-OFDM_QPSK_Outer_
Full_Mid_CH

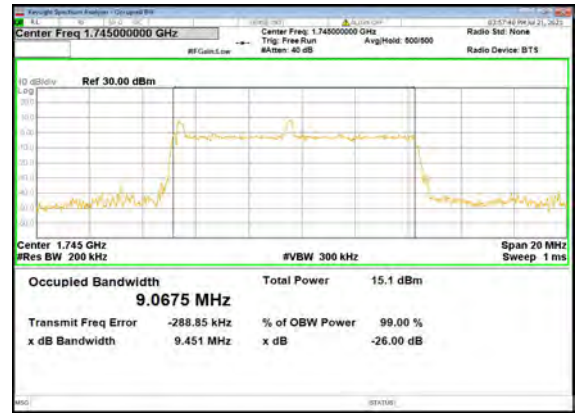




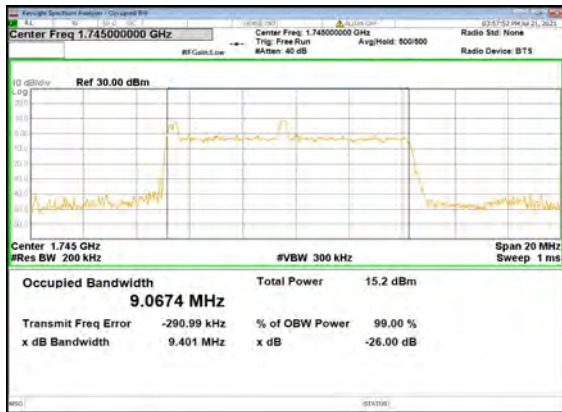
B13_N66(10M)_DFT-s-OFDM_16
QAM_Outer_Full_Mid_CH



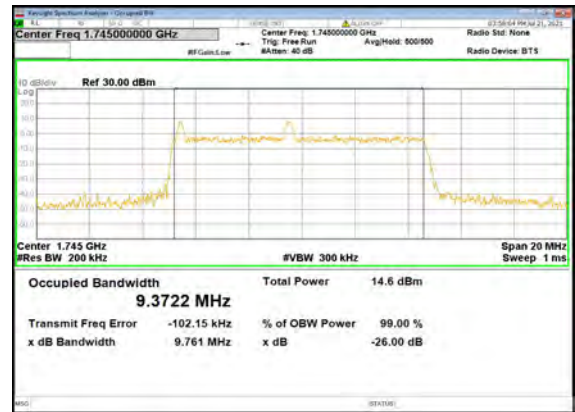
B13_N66(10M)_DFT-s-OFDM_64
QAM_Outer_Full_Mid_CH



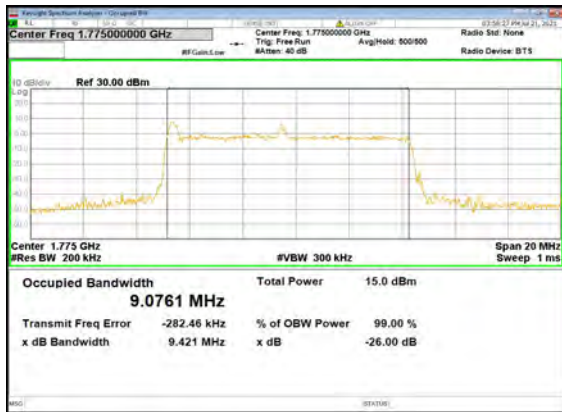
B13_N66(10M)_DFT-s-OFDM_256
QAM_Outer_Full_Mid_CH



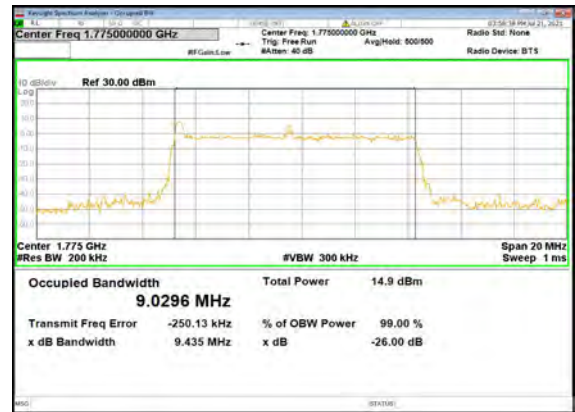
B13_N66(10M)_CP-OFDM_QPSK_Outer_Ful
I_Mid_CH



B13_N66(10M)_DFT-s-OFDM_PI_2-BPSK_Outer
_Full_High_CH



B13_N66(10M)_DFT-s-OFDM_QPSK_Outer_
Full_High_CH





B13_N66(10M)_DFT-s-OFDM_16
QAM_Outer_Full_High_CH



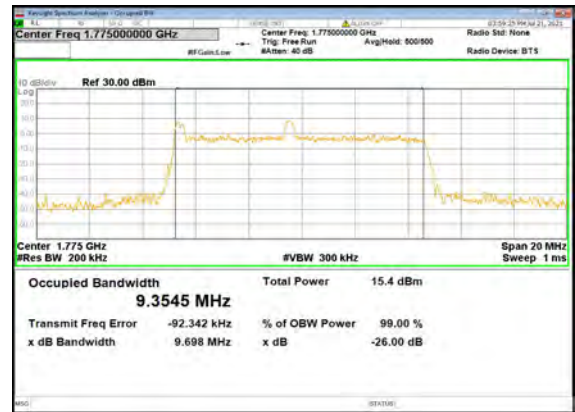
B13_N66(10M)_DFT-s-OFDM_64
QAM_Outer_Full_High_CH



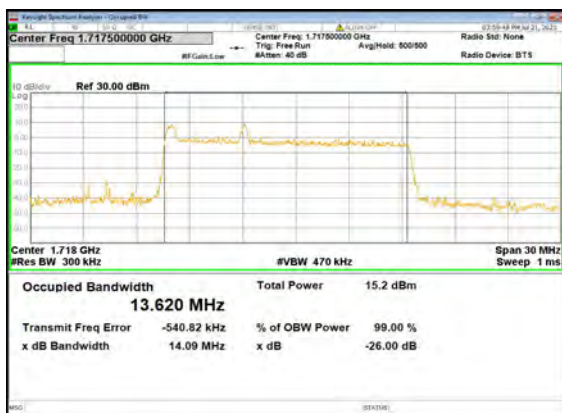
B13_N66(10M)_DFT-s-OFDM_256
QAM_Outer_Full_High_CH



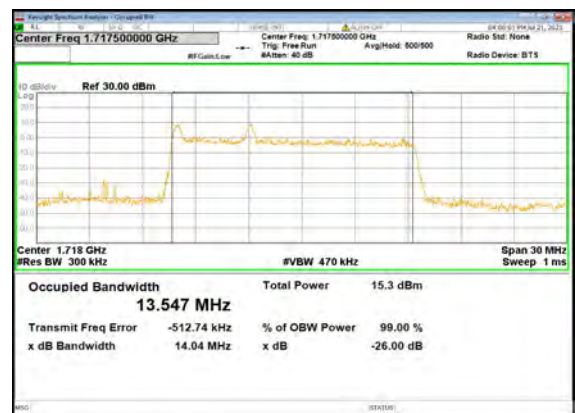
B13_N66(10M)_CP-OFDM_QPSK_Outer_Ful
I_High_CH



B13_N66(15M)_DFT-s-OFDM_PI_2-BPSK_Outer
_Full_Low_CH

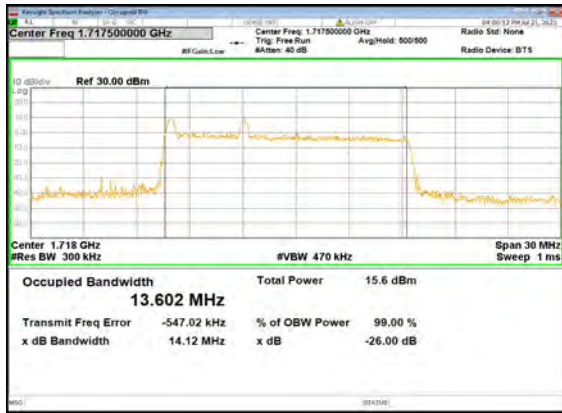


B13_N66(15M)_DFT-s-OFDM_QPSK_Outer_
Full_Low_CH





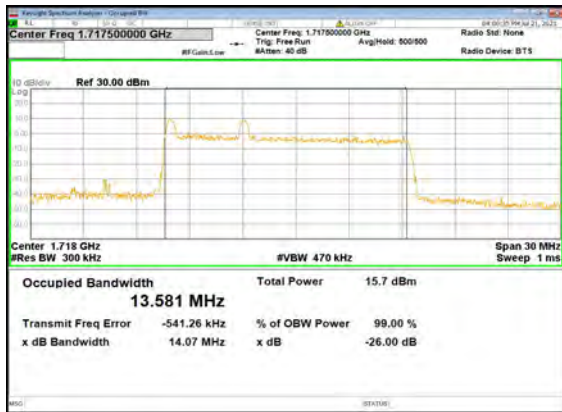
B13_N66(15M)_DFT-s-OFDM_16
QAM_Outer_Full_Low_CH



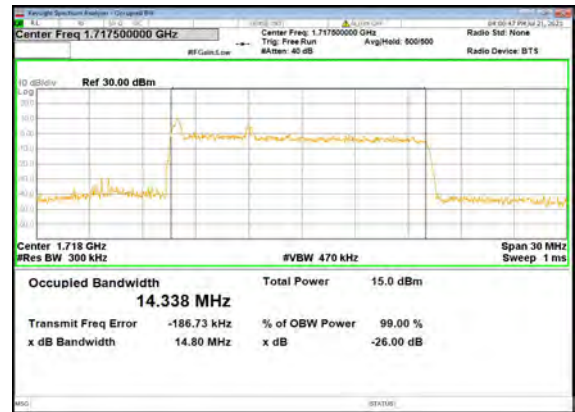
B13_N66(15M)_DFT-s-OFDM_64
QAM_Outer_Full_Low_CH



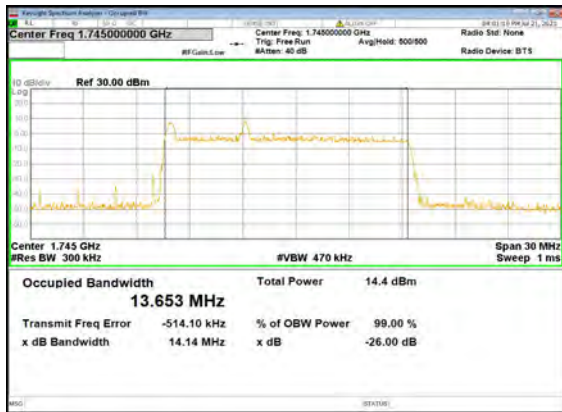
B13_N66(15M)_DFT-s-OFDM_256
QAM_Outer_Full_Low_CH



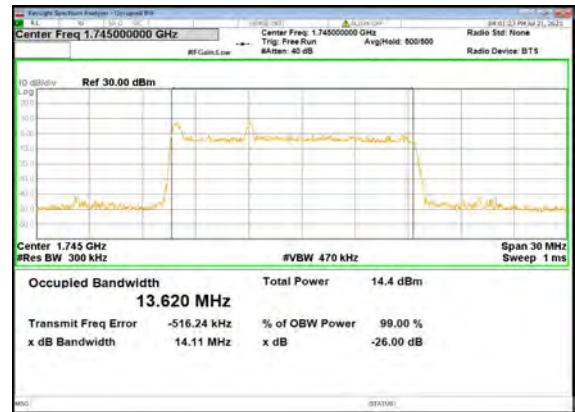
B13_N66(15M)_CP-OFDM_QPSK_Outer_Ful
I_Low_CH



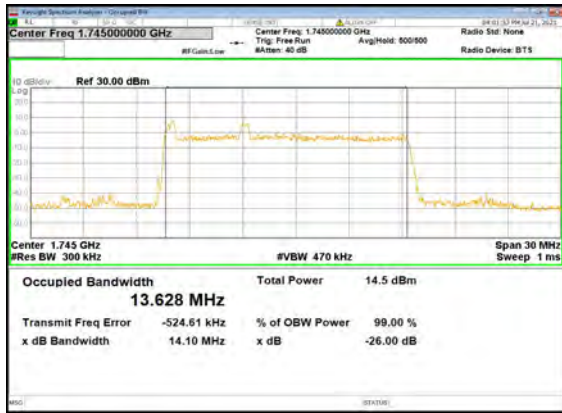
B13_N66(15M)_DFT-s-OFDM_PI_2-BPSK_Outer
_Full_Mid_CH



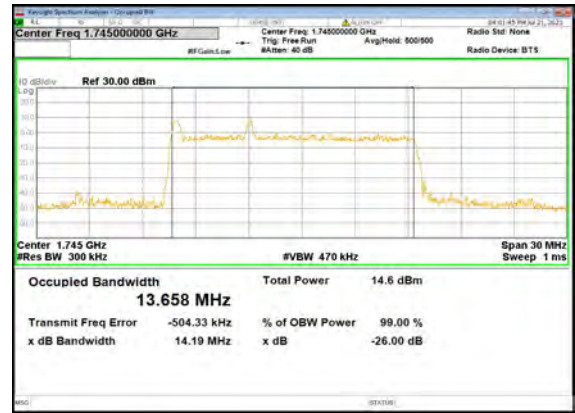
B13_N66(15M)_DFT-s-OFDM_QPSK_Outer_
Full_Mid_CH



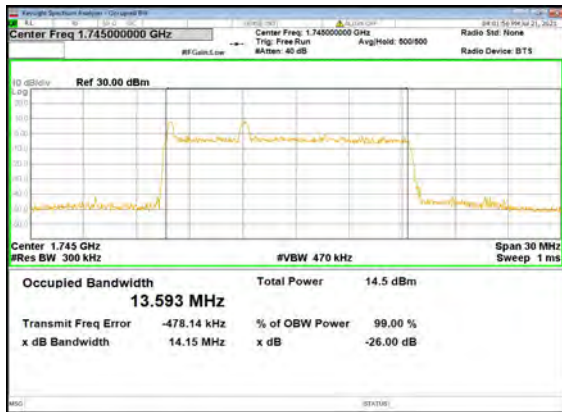
B13_N66(15M)_DFT-s-OFDM_16
QAM_Outer_Full_Mid_CH



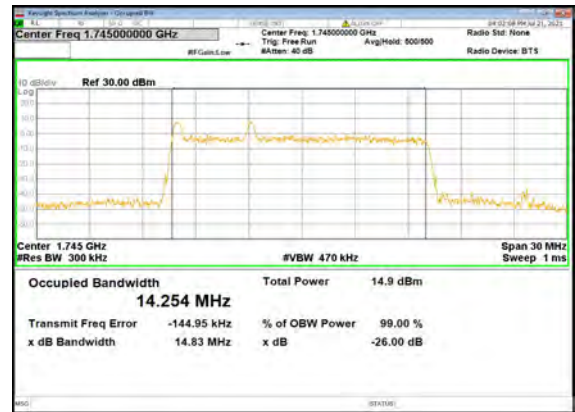
B13_N66(15M)_DFT-s-OFDM_64
QAM_Outer_Full_Mid_CH



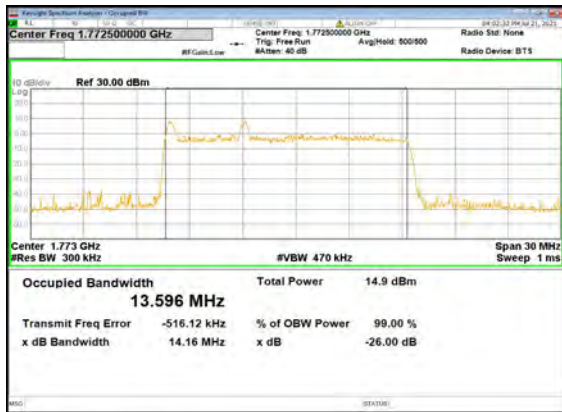
B13_N66(15M)_DFT-s-OFDM_256
QAM_Outer_Full_Mid_CH



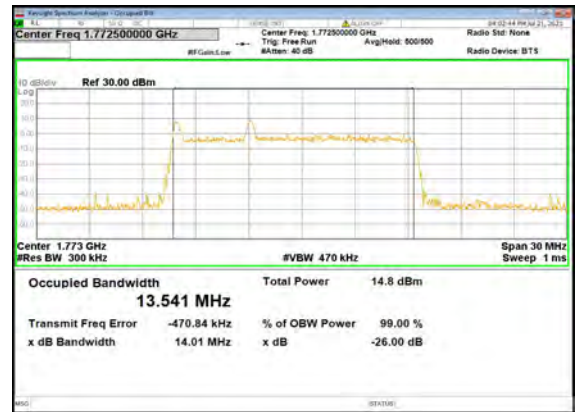
B13_N66(15M)_CP-OFDM_QPSK_Outer_Ful
I_Mid_CH



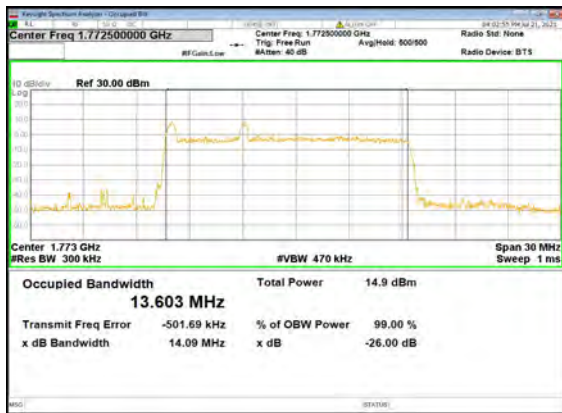
B13_N66(15M)_DFT-s-OFDM_PI_2-BPSK_Outer
_Full_High_CH



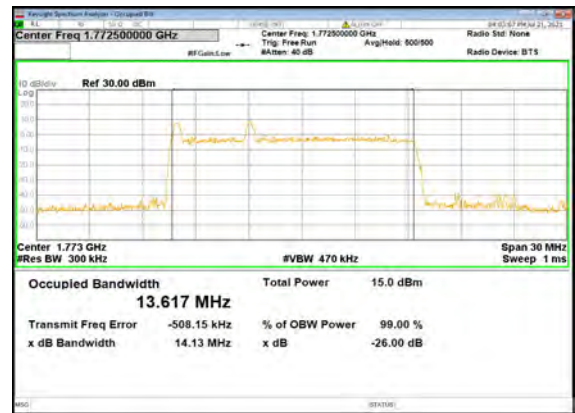
B13_N66(15M)_DFT-s-OFDM_QPSK_Outer_
Full_High_CH



B13_N66(15M)_DFT-s-OFDM_16
QAM_Outer_Full_High_CH



B13_N66(15M)_DFT-s-OFDM_64
QAM_Outer_Full_High_CH



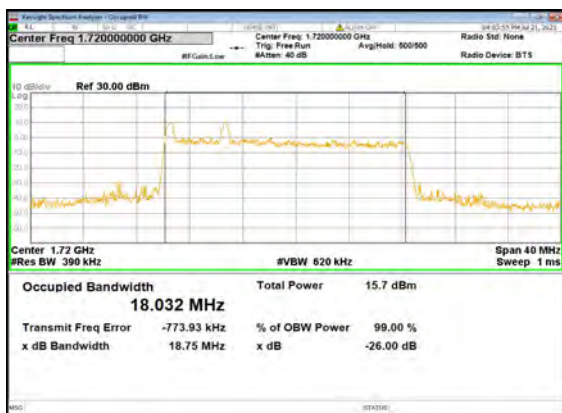
B13_N66(15M)_DFT-s-OFDM_256
QAM_Outer_Full_High_CH



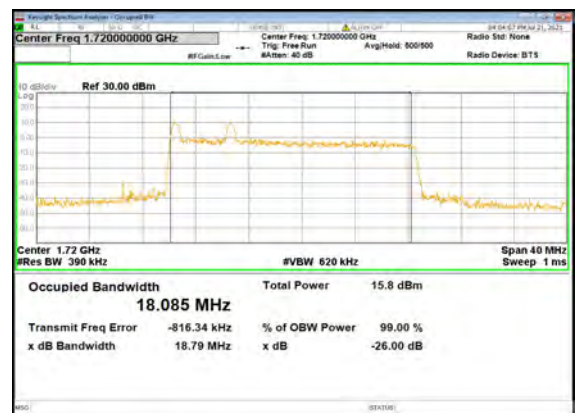
B13_N66(15M)_CP-OFDM_QPSK_Outer_Ful
I_High_CH



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



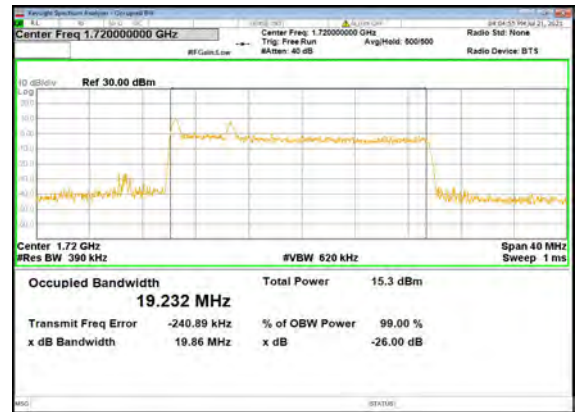
B13_N66(20M)_DFT-s-OFDM_64
QAM_Outer_Full_Low_CH



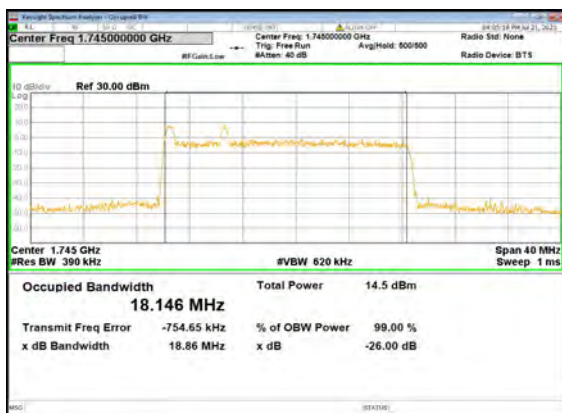
B13_N66(20M)_DFT-s-OFDM_256
QAM_Outer_Full_Low_CH



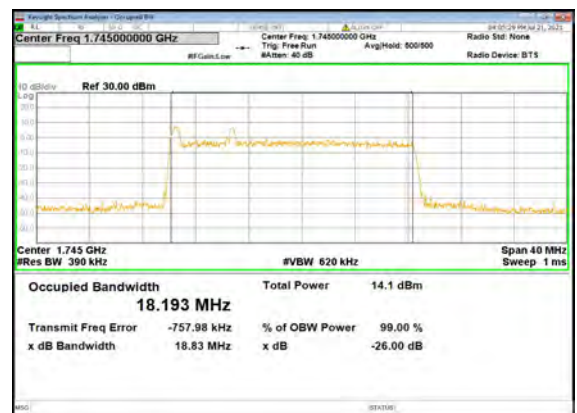
B13_N66(20M)_CP-OFDM_QPSK_Outer_Ful
I_Low_CH



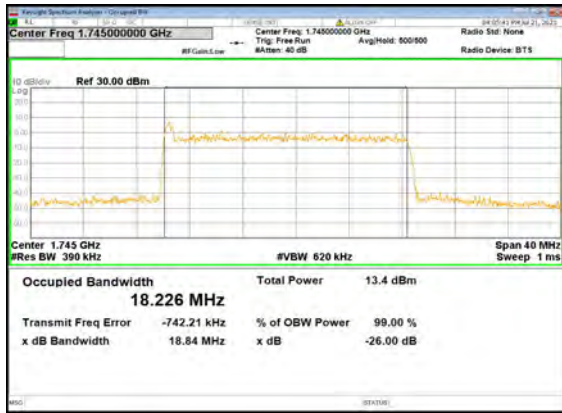
B13_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer
_Full_Mid_CH



B13_N66(20M)_DFT-s-OFDM_QPSK_Outer_
Full_Mid_CH



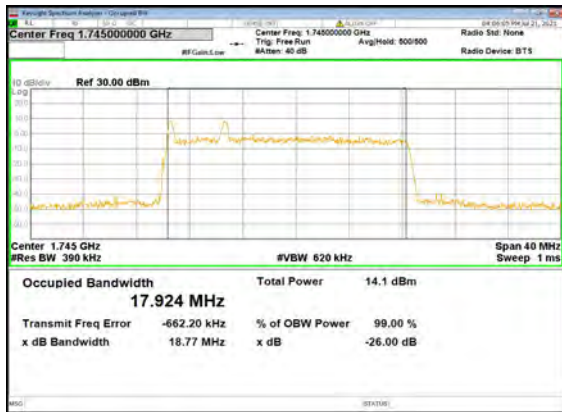
B13_N66(20M)_DFT-s-OFDM_16
QAM_Outer_Full_Mid_CH



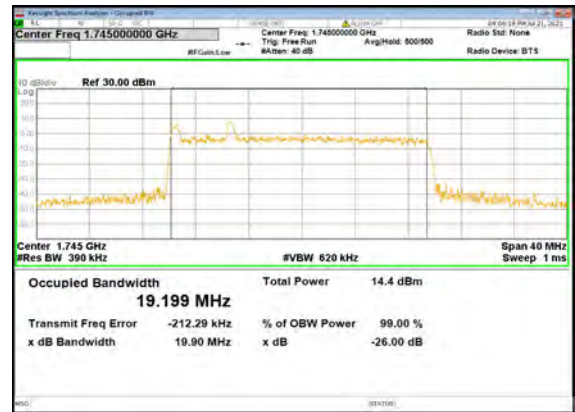
B13_N66(20M)_DFT-s-OFDM_64
QAM_Outer_Full_Mid_CH



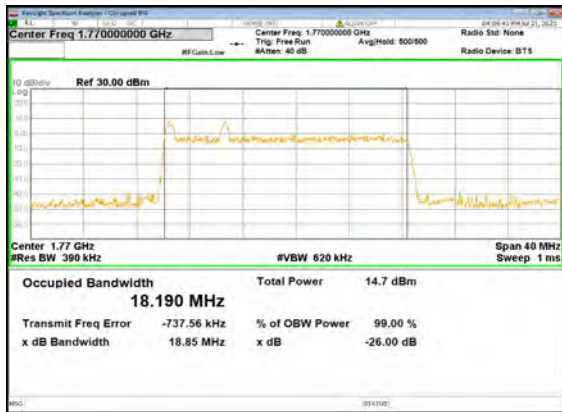
B13_N66(20M)_DFT-s-OFDM_256
QAM_Outer_Full_Mid_CH



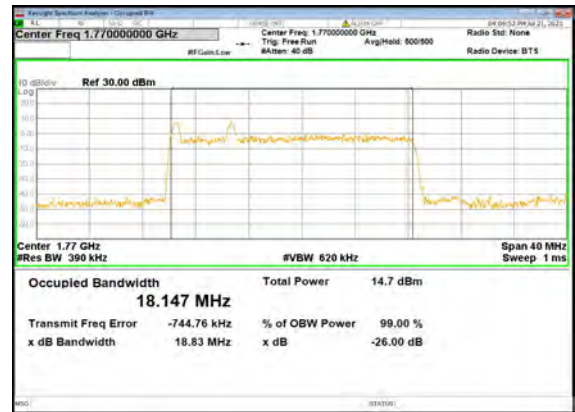
B13_N66(20M)_CP-OFDM_QPSK_Outer_Ful
I_Mid_CH



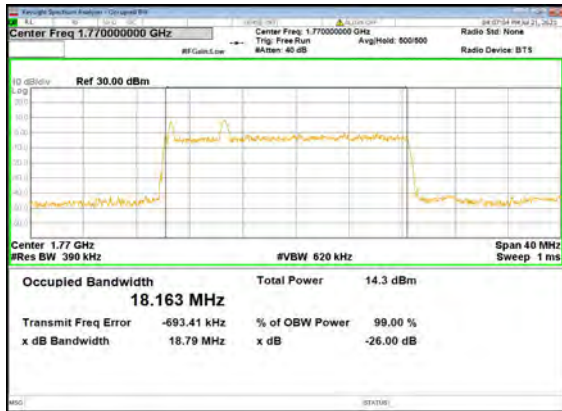
B13_N66(20M)_DFT-s-OFDM_PI_2-BPSK_Outer
_Full_High_CH



B13_N66(20M)_DFT-s-OFDM_QPSK_Outer_
Full_High_CH



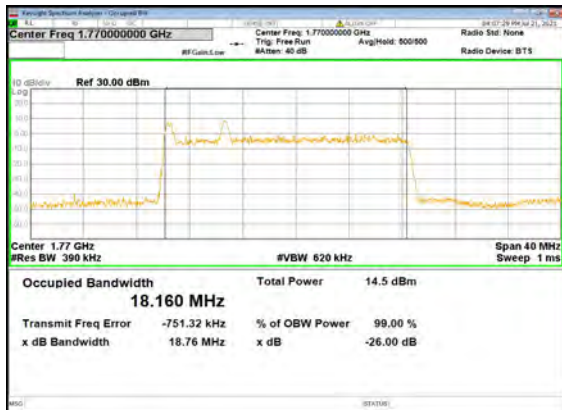
B13_N66(20M)_DFT-s-OFDM_16
QAM_Outer_Full_High_CH



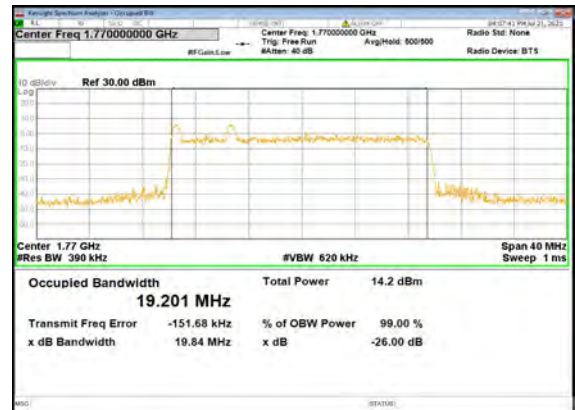
B13_N66(20M)_DFT-s-OFDM_64
QAM_Outer_Full_High_CH



B13_N66(20M)_DFT-s-OFDM_256
QAM_Outer_Full_High_CH



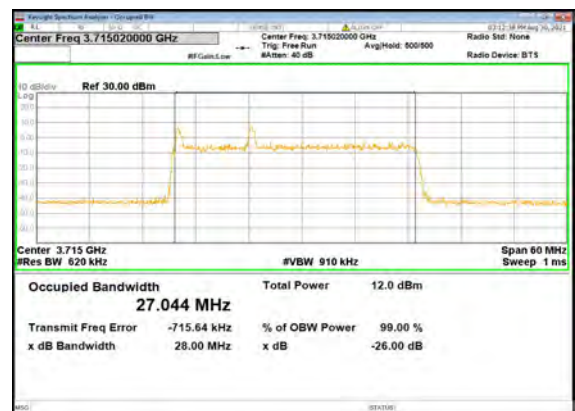
B13_N66(20M)_CP-OFDM_QPSK_Outer_Ful
I_High_CH



B5_N77(30M)_DFT-s-OFDM_PI_2-BPSK_Outer_
Full_Low_CH

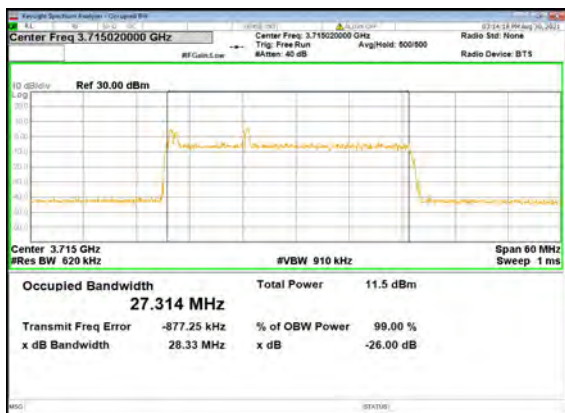


B5_N77(30M)_DFT-s-OFDM_QPSK_Outer_F
ull_Low_CH





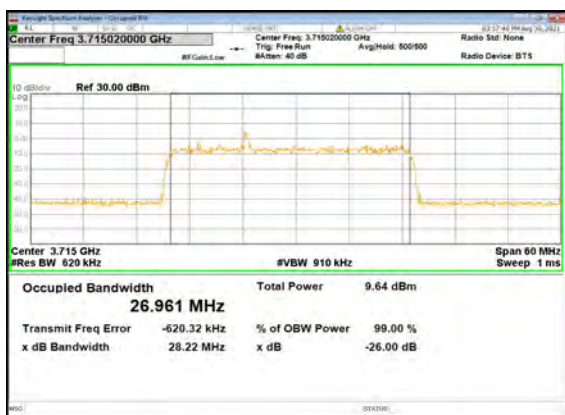
B5_N77(30M)_DFT-s-OFDM_16
QAM_Outer_Full_Low_CH



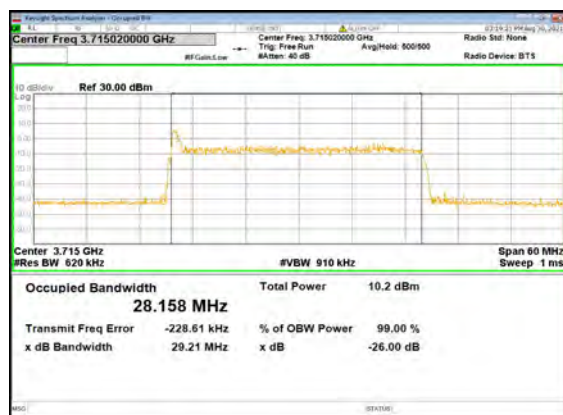
B5_N77(30M)_DFT-s-OFDM_64
QAM_Outer_Full_Low_CH



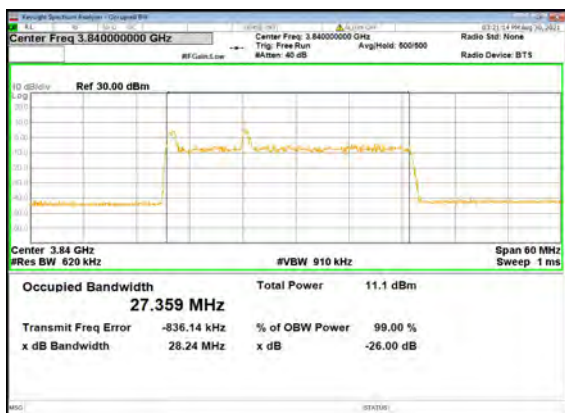
B5_N77(30M)_DFT-s-OFDM_256
QAM_Outer_Full_Low_CH



B5_N77(30M)_CP-OFDM_QPSK_Outer_Full
_Low_CH



B5_N77(30M)_DFT-s-OFDM_PI_2-BPSK_Outer
Full_Mid_CH



B5_N77(30M)_DFT-s-OFDM_QPSK_Outer_F
ull_Mid_CH





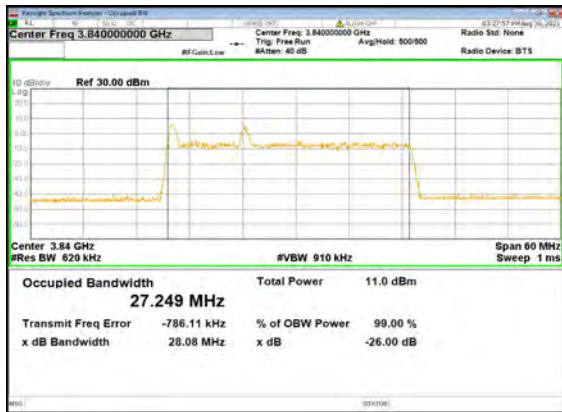
B5_N77(30M)_DFT-s-OFDM_16
QAM_Outer_Full_Mid_CH



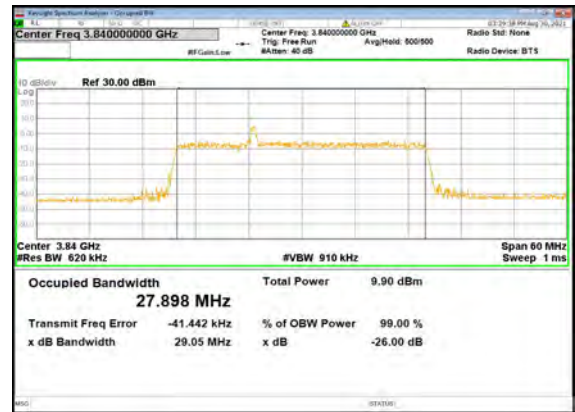
B5_N77(30M)_DFT-s-OFDM_64
QAM_Outer_Full_Mid_CH



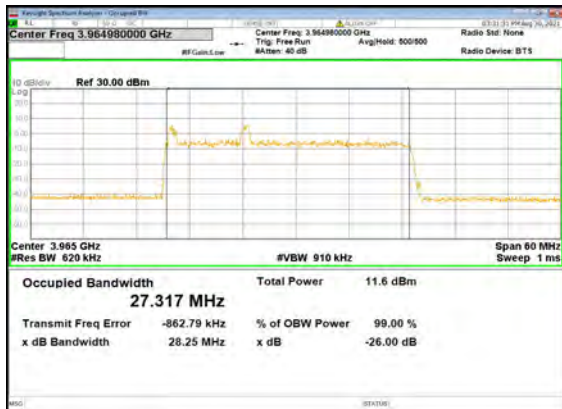
B5_N77(30M)_DFT-s-OFDM_256
QAM_Outer_Full_Mid_CH



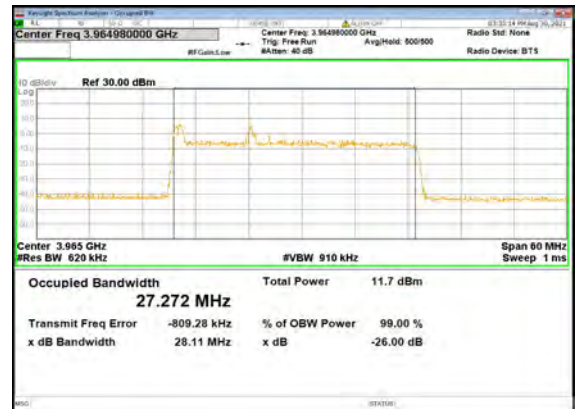
B5_N77(30M)_CP-OFDM_QPSK_Outer_Full
_Mid_CH



B5_N77(30M)_DFT-s-OFDM_PI_2-BPSK_Outer_
Full_High_CH

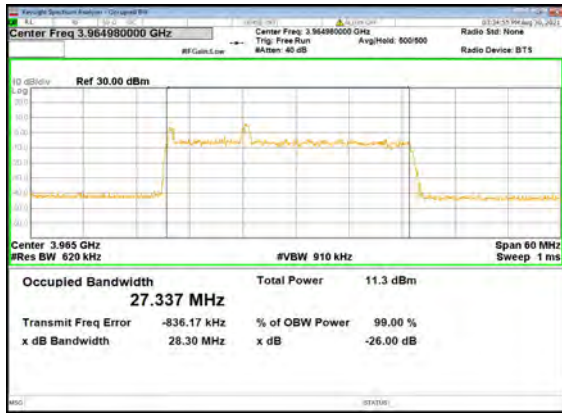


B5_N77(30M)_DFT-s-OFDM_QPSK_Outer_F
ull_High_CH

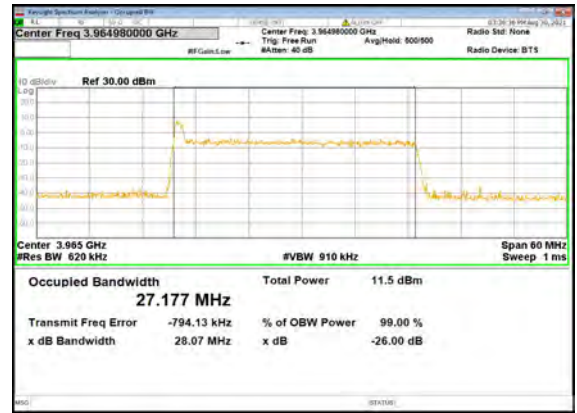




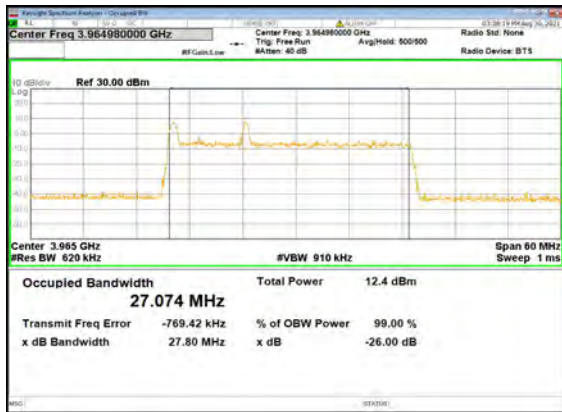
B5_N77(30M)_DFT-s-OFDM_16
QAM_Outer_Full_High_CH



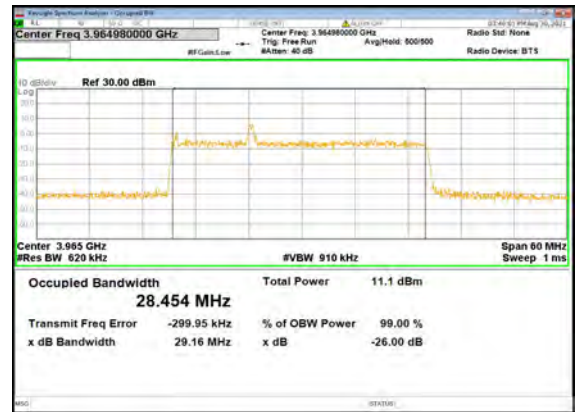
B5_N77(30M)_DFT-s-OFDM_64
QAM_Outer_Full_High_CH



B5_N77(30M)_DFT-s-OFDM_256
QAM_Outer_Full_High_CH



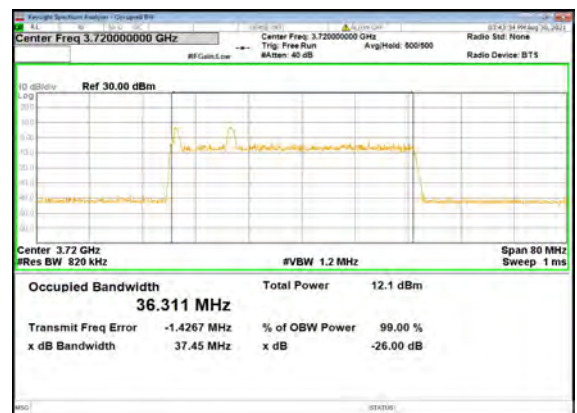
B5_N77(30M)_CP-OFDM_QPSK_Outer_Full_High_CH



B5_N77(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



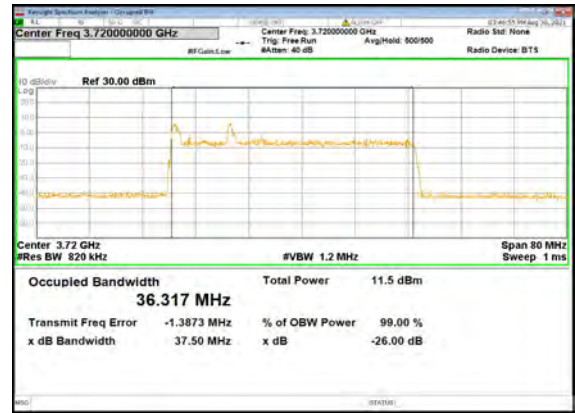
B5_N77(40M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



B5_N77(40M)_DFT-s-OFDM_16
QAM_Outer_Full_Low_CH



B5_N77(40M)_DFT-s-OFDM_64
QAM_Outer_Full_Low_CH



B5_N77(40M)_DFT-s-OFDM_256
QAM_Outer_Full_Low_CH



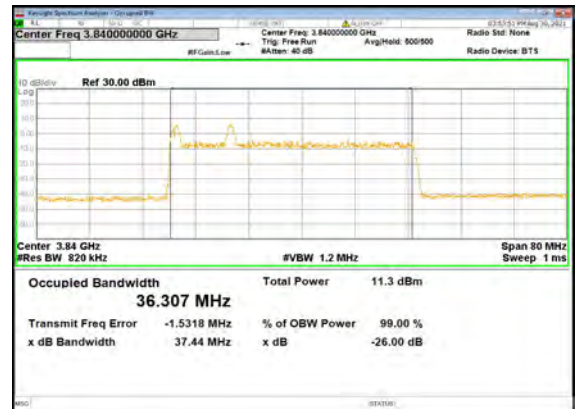
B5_N77(40M)_CP-OFDM_QPSK_Outer_Full
_Low_CH



B5_N77(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_
Full_Mid_CH



B5_N77(40M)_DFT-s-OFDM_QPSK_Outer_F
ull_Mid_CH





B5_N77(40M)_DFT-s-OFDM_16
QAM_Outer_Full_Mid_CH



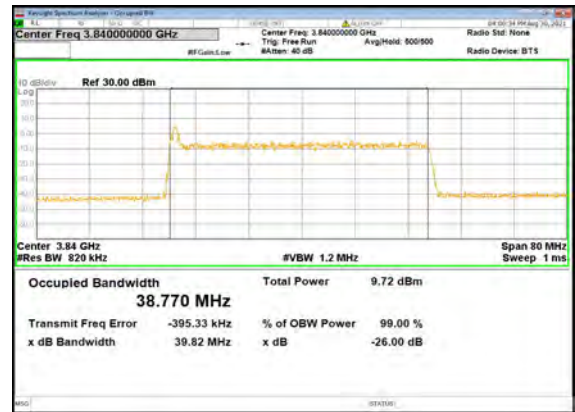
B5_N77(40M)_DFT-s-OFDM_64
QAM_Outer_Full_Mid_CH



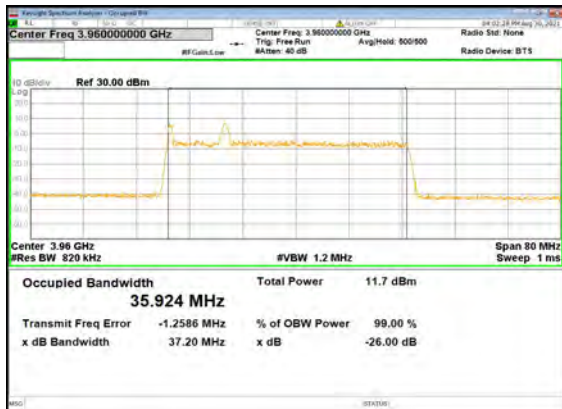
B5_N77(40M)_DFT-s-OFDM_256
QAM_Outer_Full_Mid_CH



B5_N77(40M)_CP-OFDM_QPSK_Outer_Full
_Mid_CH



B5_N77(40M)_DFT-s-OFDM_PI_2-BPSK_Outer_
Full_High_CH



B5_N77(40M)_DFT-s-OFDM_QPSK_Outer_F
ull_High_CH





B5_N77(40M)_DFT-s-OFDM_16
QAM_Outer_Full_High_CH



B5_N77(40M)_DFT-s-OFDM_64
QAM_Outer_Full_High_CH



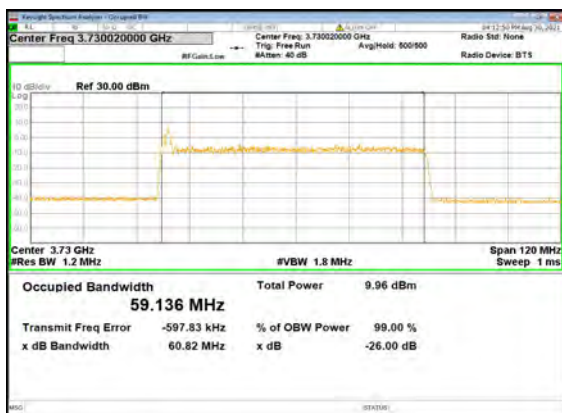
B5_N77(40M)_DFT-s-OFDM_256
QAM_Outer_Full_High_CH



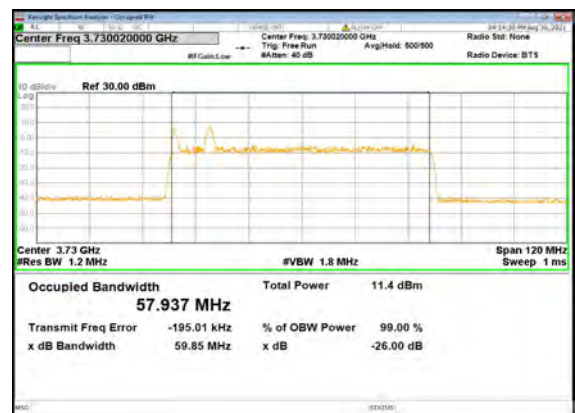
B5_N77(40M)_CP-OFDM_QPSK_Outer_Full_High_CH



B5_N77(60M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



B5_N77(60M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH





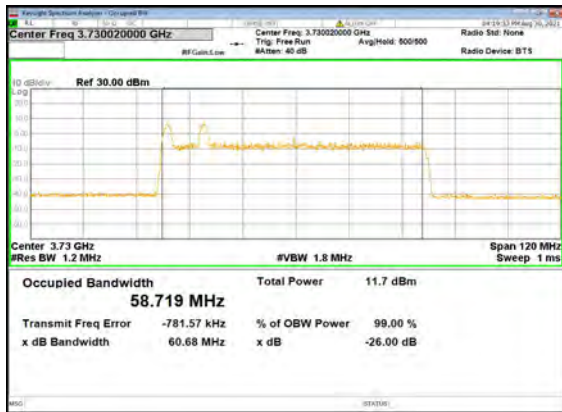
B5_N77(60M)_DFT-s-OFDM_16
QAM_Outer_Full_Low_CH



B5_N77(60M)_DFT-s-OFDM_64
QAM_Outer_Full_Low_CH



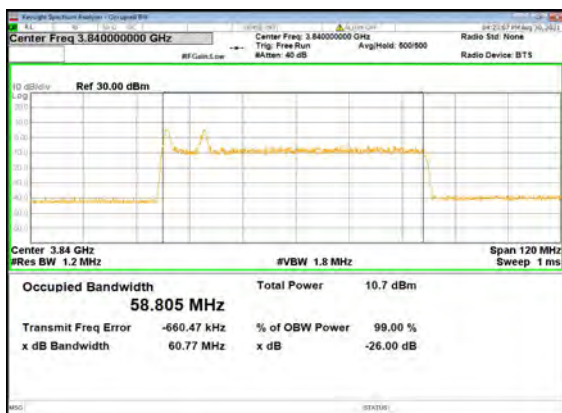
B5_N77(60M)_DFT-s-OFDM_256
QAM_Outer_Full_Low_CH



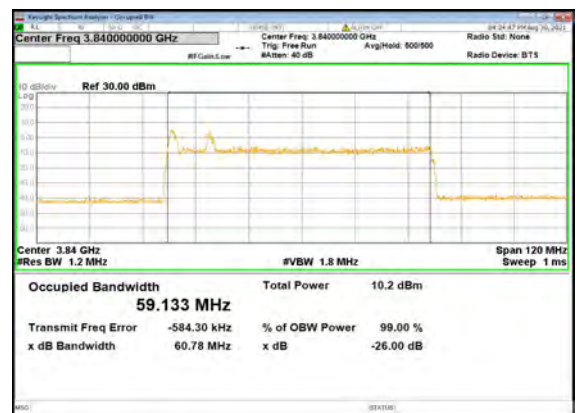
B5_N77(60M)_CP-OFDM_QPSK_Outer_Full
_Low_CH



B5_N77(60M)_DFT-s-OFDM_PI_2-BPSK_Outer_
Full_Mid_CH

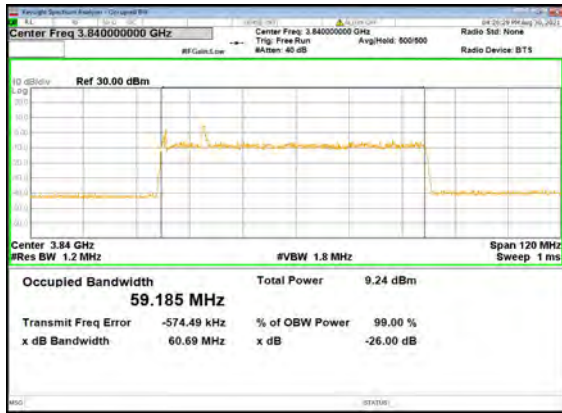


B5_N77(60M)_DFT-s-OFDM_QPSK_Outer_F
ull_Mid_CH

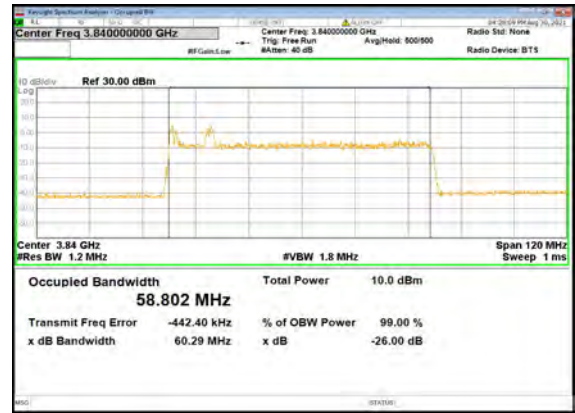




B5_N77(60M)_DFT-s-OFDM_16
QAM_Outer_Full_Mid_CH



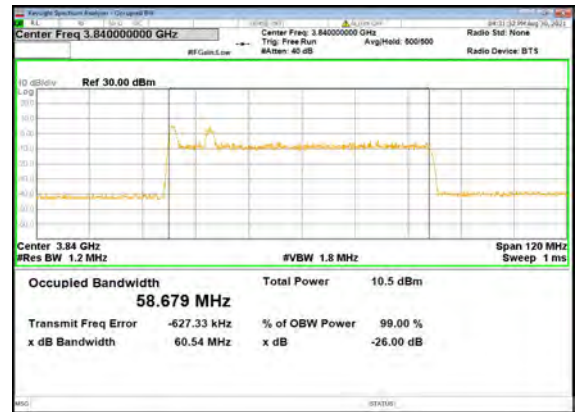
B5_N77(60M)_DFT-s-OFDM_64
QAM_Outer_Full_Mid_CH



B5_N77(60M)_DFT-s-OFDM_256
QAM_Outer_Full_Mid_CH



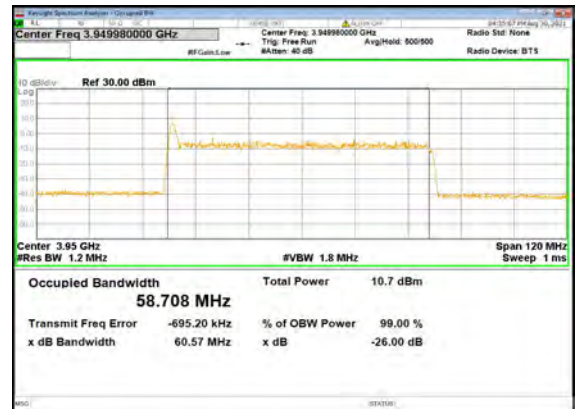
B5_N77(60M)_CP-OFDM_QPSK_Outer_Full
_Mid_CH



B5_N77(60M)_DFT-s-OFDM_PI_2-BPSK_Outer_
Full_High_CH



B5_N77(60M)_DFT-s-OFDM_QPSK_Outer_F
ull_High_CH





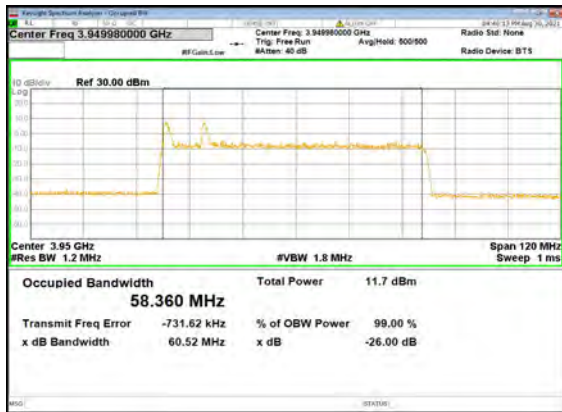
B5_N77(60M)_DFT-s-OFDM_16
QAM_Outer_Full_High_CH



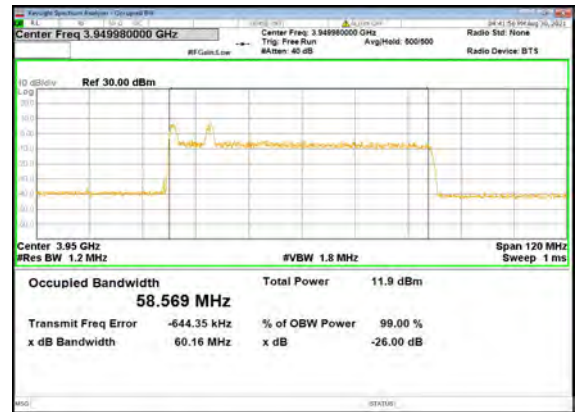
B5_N77(60M)_DFT-s-OFDM_64
QAM_Outer_Full_High_CH



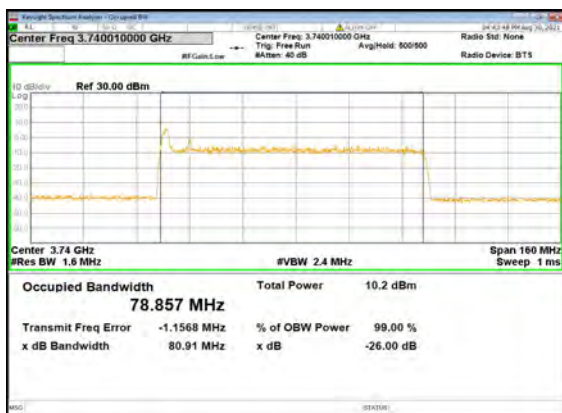
B5_N77(60M)_DFT-s-OFDM_256
QAM_Outer_Full_High_CH



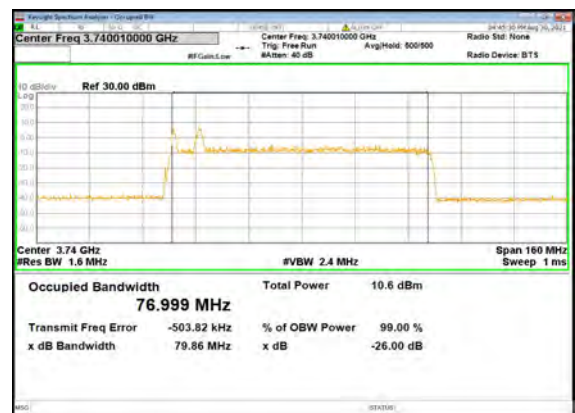
B5_N77(60M)_CP-OFDM_QPSK_Outer_Full_High_CH



B5_N77(80M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



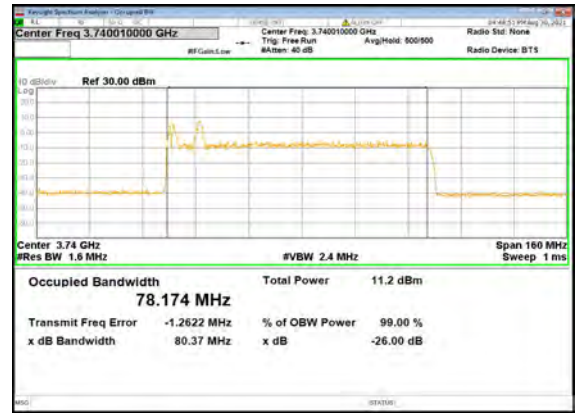
B5_N77(80M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



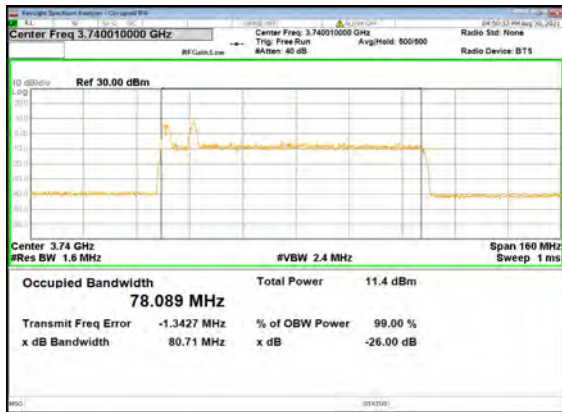
B5_N77(80M)_DFT-s-OFDM_16
QAM_Outer_Full_Low_CH



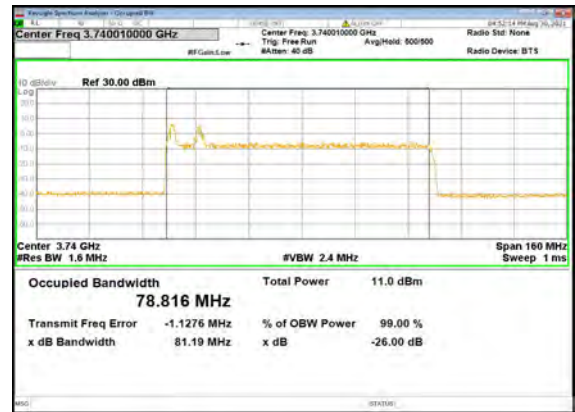
B5_N77(80M)_DFT-s-OFDM_64
QAM_Outer_Full_Low_CH



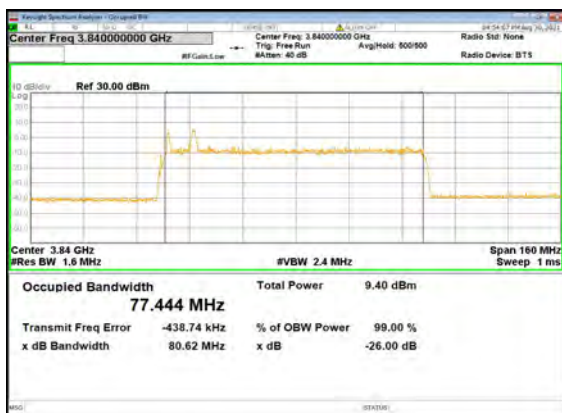
B5_N77(80M)_DFT-s-OFDM_256
QAM_Outer_Full_Low_CH



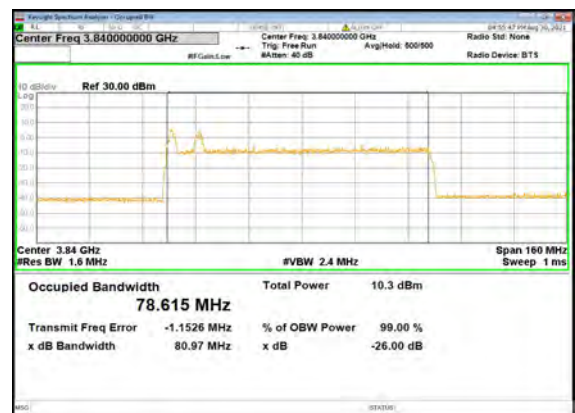
B5_N77(80M)_CP-OFDM_QPSK_Outer_Full
_Low_CH



B5_N77(80M)_DFT-s-OFDM_PI_2-BPSK_Outer_
Full_Mid_CH

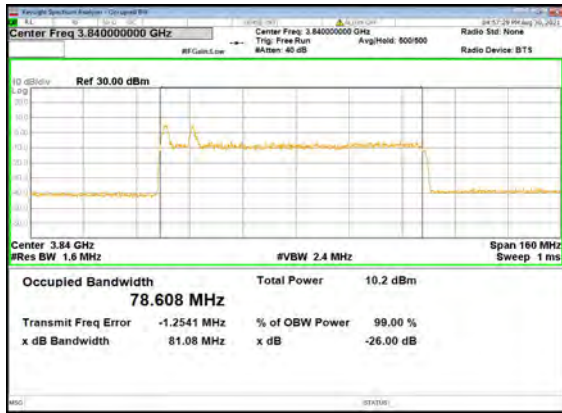


B5_N77(80M)_DFT-s-OFDM_QPSK_Outer_F
ull_Mid_CH





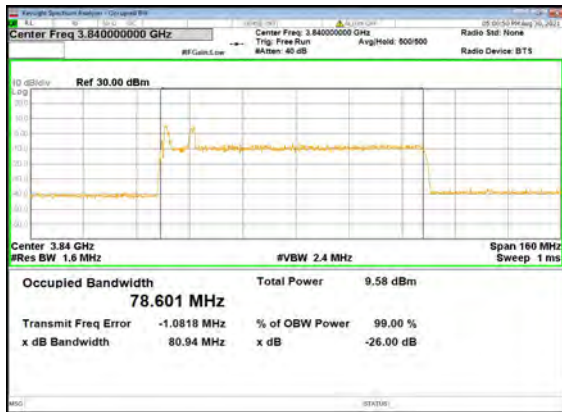
B5_N77(80M)_DFT-s-OFDM_16
QAM_Outer_Full_Mid_CH



B5_N77(80M)_DFT-s-OFDM_64
QAM_Outer_Full_Mid_CH



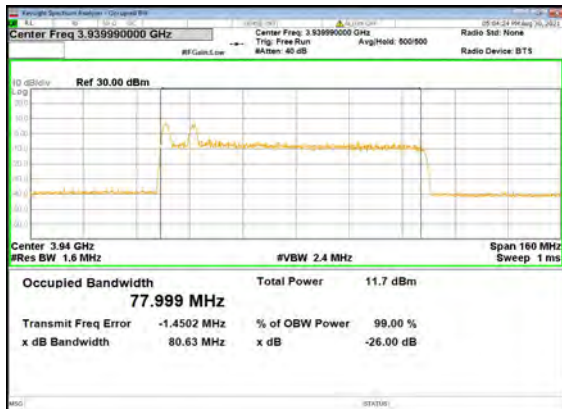
B5_N77(80M)_DFT-s-OFDM_256
QAM_Outer_Full_Mid_CH



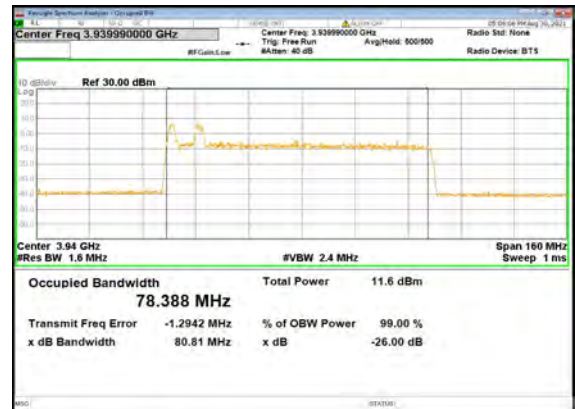
B5_N77(80M)_CP-OFDM_QPSK_Outer_Full
_Mid_CH



B5_N77(80M)_DFT-s-OFDM_PI_2-BPSK_Outer_
Full_High_CH

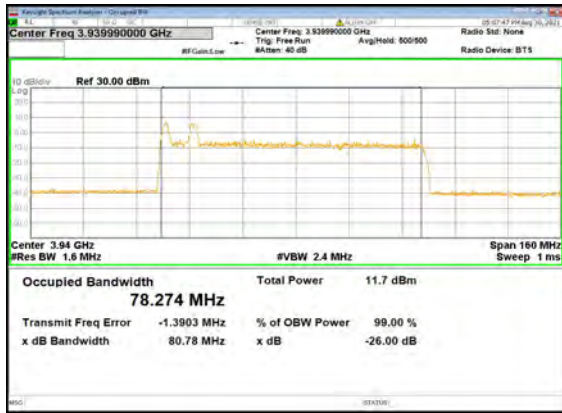


B5_N77(80M)_DFT-s-OFDM_QPSK_Outer_F
ull_High_CH





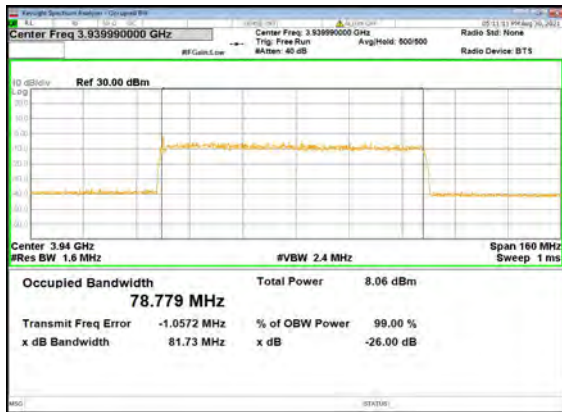
B5_N77(80M)_DFT-s-OFDM_16
QAM_Outer_Full_High_CH



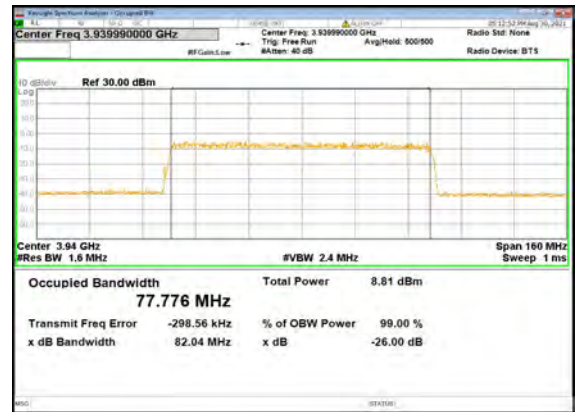
B5_N77(80M)_DFT-s-OFDM_64
QAM_Outer_Full_High_CH



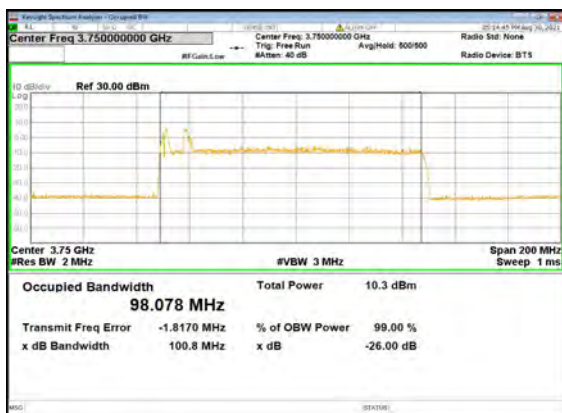
B5_N77(80M)_DFT-s-OFDM_256
QAM_Outer_Full_High_CH



B5_N77(80M)_CP-OFDM_QPSK_Outer_Full_High_CH



B5_N77(100M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Low_CH



B5_N77(100M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

