



TEST REPORT

APPLICANT : Reliance Communications LLC

PRODUCT NAME : Orbic 5G Module

MODEL NAME : Orbic 5G Module

BRAND NAME : Orbic

FCC ID : 2ABGH-R100ML5

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

RECEIPT DATE : 2021-03-09

TEST DATE : 2021-03-31 to 2021-06-22

ISSUE DATE : 2021-06-30

Edited by: Zhou Xiaolong
Zhou Xiaolong (Rapporteur)

Approved by: Shen Junsheng
Shen Junsheng (Supervisor)

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





DIRECTORY

1. Technical Information	4
1.1. Applicant and Manufacturer Information	4
1.2. Equipment Under Test (EUT) Description	4
1.3. Maximum ERP/EIRP and Emission Designator	6
1.4. Test Standards and Results	22
1.5. Environmental Conditions	24
2. 47 CFR Part 2, Part 22H, Part 24E, Part 27L &F&O Requirements	25
2.1. Transmitter Conducted Output Power And ERP/EIRP	25
2.2. Occupied Bandwidth	191
2.3. Frequency Stability	238
2.4. Peak to Average Radio	241
2.5. Conducted Spurious Emissions	254
2.6. Band Edge	270
2.7. Radiated Spurious Emissions	291
Annex A Test Uncertainty	353
Annex B Testing Laboratory Information	354



REPORT No.: SZ21010262W04

Change History		
Version	Date	Reason for change
1.0	2021-06-30	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:	Unimaxcomm
ManufacturerAddress:	35F,HBC HuiLong Center Building-II Minzhi Street,Longhua, Shenzhen, P.R. China 518110

1.2. Equipment Under Test (EUT) Description

Product Name:	Orbic 5G Module	
Hardware Version:	V1.1	
Software Version:	ORB100ML5_v1.0.9_VZ	
IMEI:	35224120	
Modulation Type:	DFT-s-OFDM	PI/2 BPSK, QPSK, 16QAM,64QAM,256QAM
	CP-OFDM	QPSK, 16QAM,64QAM,256QAM
Operation Band:	DC_66A_N2, DC_66A_N5, DC_13A_N66, DC_2A_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
	N78	Tx: 3700MHz-3800MHz
		Rx: 3700MHz-3800MHz
Channel Bandwidth	N2	5MHz, 10MHz, 15MHz, 20MHz
	N5	5MHz, 10MHz, 15MHz, 20MHz
	N66	5MHz, 10MHz, 15MHz, 20MHz
	N77	100MHz
	N78	20MHz, 40MHz, 50MHz, 60MHz, 80MHz, 90MHz,



		100MHz,
Antenna Type:	Fixed Internal antenna	
Antenna Gain:	N2	3.80 dBi
	N5	-0.10 dBi
	N66	3.68 dBi
	N77	3.15 dBi
	N78	3.15 dBi

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.

Note 3: Because the Band77 frequency range covers Band78, it is test data used by the band with the highest power in Band77.



1.3. Maximum ERP/EIRP and Emission Designator

DC_66A_N2	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.428	0.452	0.327	0.259	0.160	0.420
15	0.406	/	/	/	/	/
10	0.407	/	/	/	/	/
5	0.279	/	/	/	/	/

DC_66A_N2	Emission Designator (99%OBW)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	18M0G7D	18M1G7D	18M2W7D	18M1D7W	18M2D7W	19M3G7D
15	13M7G7D	13M6G7D	13M6W7D	13M4D7W	13M7D7W	14M3G7D
10	9M08G7D	9M11G7D	9M10W7D	9M11D7W	9M07D7W	9M27G7D
5	4M52G7D	4M54G7D	4M51W7D	4M51D7W	4M52D7W	4M54G7D

DC_2A_66A_N2	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.426	0.427	0.371	0.255	0.158	0.412
15	0.380	/	/	/	/	/
10	0.418	/	/	/	/	/
5	0.368	/	/	/	/	/



DC_13A_66A_N2	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.431	0.434	0.371	0.253	0.147	0.412
15	0.396	/	/	/	/	/
10	0.385	/	/	/	/	/
5	0.297	/	/	/	/	/

DC_2A_5B_66A_66A_N2	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.512	0.528	0.433	0.296	0.180	0.443
15	0.406	/	/	/	/	/
10	0.431	/	/	/	/	/
5	0.256	/	/	/	/	/

DC_2A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.118	0.118	0.102	0.069	0.042	0.114
15	0.116	/	/	/	/	/
10	0.113	/	/	/	/	/
5	0.087	/	/	/	/	/



DC_66A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.120	0.124	0.102	0.070	0.042	0.116
15	0.115	/	/	/	/	/
10	0.108	/	/	/	/	/
5	0.088	/	/	/	/	/

DC_66A_N5	Emission Designator (99%OBW)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	18M1G7D	18M1G7D	18M2W7D	18M1D7W	18M2D7W	19M3G7D
15	13M6G7D	13M7G7D	13M6W7D	13M6D7W	13M6D7W	14M3G7D
10	9M05G7D	9M09G7D	9M10W7D	9M09D7W	9M05D7W	9M34G7D
5	4M56G7D	4M53G7D	4M52W7D	4M53D7W	4M52D7W	4M53G7D

DC_2A_5A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.121	0.122	0.104	0.070	0.042	0.119
15	0.118	/	/	/	/	/
10	0.114	/	/	/	/	/
5	0.088	/	/	/	/	/



DC_2A_66A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.113	0.123	0.104	0.070	0.043	0.122
15	0.117	/	/	/	/	/
10	0.118	/	/	/	/	/
5	0.088	/	/	/	/	/

DC_2A_2A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.121	0.121	0.102	0.071	0.043	0.121
15	0.118	/	/	/	/	/
10	0.115	/	/	/	/	/
5	0.088	/	/	/	/	/

DC_5A_66A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.121	0.121	0.102	0.070	0.043	0.120
15	0.120	/	/	/	/	/
10	0.116	/	/	/	/	/
5	0.088	/	/	/	/	/



DC_66A_66A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.120	0.122	0.104	0.070	0.043	0.121
15	0.117	/	/	/	/	/
10	0.120	/	/	/	/	/
5	0.089	/	/	/	/	/

DC_13A_66A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.117	0.118	0.102	0.074	0.043	0.117
15	0.116	/	/	/	/	/
10	0.116	/	/	/	/	/
5	0.089	/	/	/	/	/

DC_2A_13A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.120	0.121	0.105	0.070	0.044	0.121
15	0.119	/	/	/	/	/
10	0.119	/	/	/	/	/
5	0.089	/	/	/	/	/



DC_2A_2A_5A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.108	0.109	0.102	0.064	0.040	0.109
15	0.104	/	/	/	/	/
10	0.106	/	/	/	/	/
5	0.086	/	/	/	/	/

DC_2A_2A_66A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.112	0.113	0.104	0.064	0.042	0.110
15	0.112	/	/	/	/	/
10	0.110	/	/	/	/	/
5	0.085	/	/	/	/	/

DC_2A_66A_66A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.112	0.114	0.102	0.067	0.041	0.109
15	0.108	/	/	/	/	/
10	0.109	/	/	/	/	/
5	0.088	/	/	/	/	/



DC_5A_66A_66A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.110	0.116	0.104	0.108	0.041	0.109
15	0.102	/	/	/	/	/
10	0.107	/	/	/	/	/
5	0.106	/	/	/	/	/

DC_13A_66A_66A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.114	0.115	0.098	0.111	0.042	0.106
15	0.108	/	/	/	/	/
10	0.105	/	/	/	/	/
5	0.086	/	/	/	/	/

DC_2A_2A_13A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.110	0.117	0.099	0.115	0.043	0.104
15	0.106	/	/	/	/	/
10	0.107	/	/	/	/	/
5	0.088	/	/	/	/	/



DC_2A_2A_66A_66A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.112	0.112	0.102	0.070	0.041	0.109
15	0.108	/	/	/	/	/
10	0.107	/	/	/	/	/
5	0.087	/	/	/	/	/

DC_2A_2A_5A_66A_66A_N5	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.535	0.536	0.421	0.286	0.181	0.421
15	0.429	/	/	/	/	/
10	0.438	/	/	/	/	/
5	0.294	/	/	/	/	/



DC_13A_N66	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.535	0.536	0.421	0.286	0.181	0.421
15	0.429	/	/	/	/	/
10	0.438	/	/	/	/	/
5	0.294	/	/	/	/	/

DC_13A_N66	Emission Designator (99%OBW)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	18M0G7D	18M1G7D	18M2W7D	18M1D7W	18M2D7W	19M3G7D
15	13M7G7D	13M6G7D	13M6W7D	13M4D7W	13M7D7W	14M3G7D
10	9M08G7D	9M11G7D	9M10W7D	9M11D7W	9M07D7W	9M27G7D
5	4M52G7D	4M54G7D	4M51W7D	4M51D7W	4M52D7W	4M54G7D

DC_2A_N66	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.497	0.508	0.436	0.282	0.174	0.471
15	0.472	/	/	/	/	/
10	0.473	/	/	/	/	/
5	0.364	/	/	/	/	/



DC_2A_66A_N66	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.507	0.518	0.409	0.275	0.168	0.476
15	0.479	/	/	/	/	/
10	0.476	/	/	/	/	/
5	0.357	/	/	/	/	/

DC_2A_2A_N66	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.494	0.502	0.418	0.281	0.172	0.485
15	0.479	/	/	/	/	/
10	0.468	/	/	/	/	/
5	0.364	/	/	/	/	/

DC_2A_13A_N66	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.489	0.492	0.433	0.279	0.173	0.481
15	0.474	/	/	/	/	/
10	0.470	/	/	/	/	/
5	0.367	/	/	/	/	/



DC_13A_66A_N66	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.445	0.446	0.348	0.231	0.146	0.394
15	0.418	/	/	/	/	/
10	0.423	/	/	/	/	/
5	0.290	/	/	/	/	/

DC_13A_66A_66A_N66	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.440	0.452	0.352	0.235	0.147	0.425
15	0.428	/	/	/	/	/
10	0.433	/	/	/	/	/
5	0.306	/	/	/	/	/

DC_2A_2A_5A_66A_66A_N66	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.532	0.531	0.416	0.362	0.222	0.471
15	0.439	/	/	/	/	/
10	0.501	/	/	/	/	/
5	0.357	/	/	/	/	/



DC_2A_2A_13A_66A_6 6A_N66	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.527	0.533	0.373	0.318	0.225	0.507
15	0.514	/	/	/	/	/
10	0.522	/	/	/	/	/
5	0.362	/	/	/	/	/

DC_2A_5B_66A_66A_N 66	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
20	0.532	0.531	0.474	0.363	0.214	0.516
15	0.520	/	/	/	/	/
10	0.531	/	/	/	/	/
5	0.380	/	/	/	/	/

DC_2A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.466	0.478	0.408	0.256	0.170	0.354

DC_2A_N77	Emission Designator (99%OBW)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	98M4G7D	97M8G7D	97M8W7D	98M5D7W	97M8D7W	98M9G7D



DC_5A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.382	0.401	0.321	0.227	0.150	0.304

DC_13A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.394	0.396	0.334	0.222	0.149	0.301

DC_66A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.378	0.408	0.340	0.214	0.146	0.308

DC_2A_5A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.388	0.398	0.351	0.220	0.150	0.308

DC_2A_13A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.390	0.339	0.330	0.219	0.148	0.293



DC_2A_66A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.398	0.406	0.335	0.217	0.151	0.323

DC_5A_66A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.408	0.409	0.345	0.221	0.151	0.314

DC_13A_66A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.385	0.402	0.352	0.219	0.153	0.306

DC_66A_66A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.420	0.425	0.352	0.240	0.153	0.318

DC_2A_2A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.393	0.413	0.336	0.221	0.152	0.328



DC_2A_5A_66A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.416	0.417	0.352	0.223	0.150	0.296

DC_2A_13A_66A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.414	0.422	0.354	0.223	0.152	0.296

DC_2A_66A_66A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.436	0.437	0.351	0.221	0.161	0.303

DC_5A_66A_66A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.425	0.438	0.360	0.229	0.204	0.310

DC_13A_66A_66A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.387	0.409	0.325	0.220	0.156	0.273



DC_2A_2A_13A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.398	0.405	0.308	0.207	0.139	0.225

DC_66A_66A_66A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.431	0.441	0.350	0.231	0.164	0.272

DC_2A_2A_5A_N77	Maximum ERP/EIRP (W)					
	DFT-s-OFDM					CP-OFDM
BW(MHz)	PI/2 BPSK	QPSK	16QAM	64QAM	256QAM	QPSK
100	0.410	0.444	0.348	0.231	0.164	0.293



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
2.1046,27.50(d)(4) 22.913(a)(2) 24.232(c) 27.50(d)(4) 27.50(j)(3)	Transmitter Conducted Output Power and ERP/EIRP	Mar 31 to Apr 15,2021	Chen Haiju Yang Jie	PASS	No deviation
2.1049	Occupied Bandwidth	May 16 to 26, 2021	Chen Haiju	PASS	No deviation
2.1055 22.355 24.235 27.54	Frequency Stability	May 29 to 31, 2021	Chen Haiju	PASS	No deviation
24.232(d) 27.50(d)(5) 27.50(j)(4)	Peak to Average Radio	Jun 8 to 22, 2021	Chen Haiju	PASS	No deviation
2.1051, 22.917(a) 24.238(a) 27.53(h) 27.53(l)	Conducted Spurious Emissions	May 02 to Jun 04, 2021	Chen Haiju	PASS	No deviation
2.1051, 22.917(a) 24.238(a) 27.53(h) 27.53(l)	Band Edge	May 02, to Jun 22, 2021	Chen Haiju	PASS	No deviation
2.1051, 22.917(a) 24.238(a) 27.53(h) 27.53(l)	Radiated Spurious Emissions	Jun 04 to 07, 2021	Yang Jie	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



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 &F&O Requirements

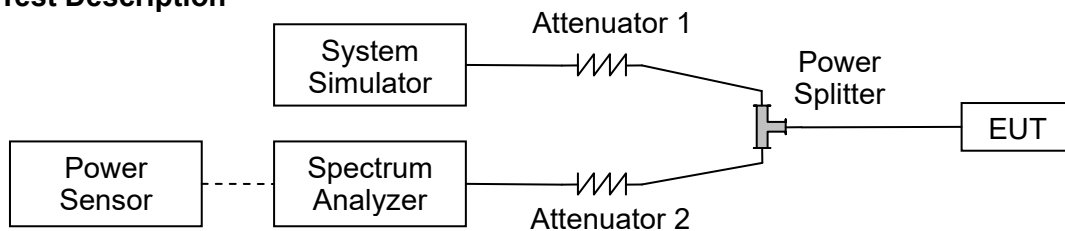
2.1. Transmitter Conducted Output Power And ERP/EIRP

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 27.50 (h)(2) for N41, Mobile and other user stations. Mobile stations are limited to 2 watts E.I.R.P. All user stations are limited to 2 watts transmitter output power. According to FCC section 27.50 (d)(4) for N66, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.

2.1.2. Test Description



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

2.1.3. Test procedure

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

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

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



REPORT No.: SZ21010262W04

2.1.4. Result

Conducted Output Power:



DC_66A-N2

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1900
20	DFT-s-OFDM PI/2 BPSK	1	1	22.41	22.34	22.29
20		1	53	22.49	22.43	22.35
20		1	104	22.31	22.51	22.29
20		50	1	22.09	22.07	22.28
20		50	25	22.51	22.30	22.44
20		50	50	22.37	22.22	22.33
20		100	0	22.33	22.06	22.18
20	DFT-s-OFDM QPSK	1	1	22.48	22.75	22.60
20		1	53	22.39	22.33	22.39
20		1	104	22.27	22.46	22.43
20		50	1	22.45	22.48	22.02
20		50	25	22.47	22.46	22.47
20		50	50	22.34	22.18	22.21
20		100	0	21.81	21.97	21.90
20	DFT-s-OFDM 16QAM	1	1	21.35	21.05	20.94
20	DFT-s-OFDM 64QAM	1	1	20.07	20.33	20.13
20	DFT-s-OFDM 256QAM	1	1	17.77	18.25	18.19
Channel				371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.43	22.27	22.00
Channel				371000	376000	381000
Frequency (MHz)				1855	1880	1905
10	DFT-s-OFDM PI/2 BPSK	1	1	22.29	22.12	22.15
Channel				370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.30	22.19	22.11



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1900
20	CP-OFDM QPSK	1	1	20.65	20.21	20.46
20	CP-OFDM 16QAM	1	1	20.62	20.34	20.17
20	CP-OFDM 64QAM	1	1	18.82	18.71	18.68
20	CP-OFDM 256QAM	1	1	16.18	16.07	16.40



DC_2A-66A_N2

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1900
20	DFT-s-OFDM PI/2 BPSK	1	1	22.48	22.40	22.46
20		1	53	22.59	22.53	22.25
20		1	104	22.46	22.63	22.16
20		50	1	22.30	22.13	22.30
20		50	25	22.54	22.58	22.48
20		50	50	22.46	22.30	22.12
20		100	0	22.23	22.18	22.23
20	DFT-s-OFDM QPSK	1	1	22.18	21.98	22.26
20		1	53	22.40	22.38	22.37
20		1	104	21.96	22.26	22.34
20		50	1	21.88	21.93	21.89
20		50	25	22.23	22.27	22.18
20		50	50	21.95	21.92	21.90
20		100	0	21.81	21.76	21.76
20	DFT-s-OFDM 16QAM	1	1	21.60	21.63	21.89
20	DFT-s-OFDM 64QAM	1	1	20.12	19.99	20.26
20	DFT-s-OFDM 256QAM	1	1	17.93	17.82	18.20
Channel				371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.35	22.24	22.09
Channel				371000	376000	381000
Frequency (MHz)				1855	1880	1905
10	DFT-s-OFDM PI/2 BPSK	1	1	22.00	21.99	21.68
Channel				370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.41	22.19	22.17



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1900
20	CP-OFDM QPSK	1	1	21.56	21.86	21.55
20	CP-OFDM 16QAM	1	1	21.41	21.20	21.34
20	CP-OFDM 64QAM	1	1	19.02	19.33	19.28
20	CP-OFDM 256QAM	1	1	16.31	16.08	16.22



DC_13A-66A_N2

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1900
20	DFT-s-OFDM PI/2 BPSK	1	1	22.33	22.31	22.71
20		1	53	22.58	22.42	22.39
20		1	104	22.41	22.65	22.47
20		50	1	22.23	22.06	22.32
20		50	25	22.54	22.38	22.49
20		50	50	22.23	22.34	22.38
20		100	0	22.21	22.15	22.21
20	DFT-s-OFDM QPSK	1	1	22.30	22.27	22.53
20		1	53	22.37	22.35	22.36
20		1	104	22.31	22.56	22.38
20		50	1	22.18	22.21	22.13
20		50	25	22.57	22.51	22.47
20		50	50	22.31	22.13	22.28
20		100	0	22.09	22.22	22.12
20	DFT-s-OFDM 16QAM	1	1	21.89	21.52	21.86
20	DFT-s-OFDM 64QAM	1	1	19.87	19.93	20.23
20	DFT-s-OFDM 256QAM	1	1	17.86	17.81	17.69
Channel				371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.35	22.29	22.18
Channel				371000	376000	381000
Frequency (MHz)				1855	1880	1905
10	DFT-s-OFDM PI/2 BPSK	1	1	22.18	21.78	21.81
Channel				370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5
5	DFT-s-OFDM PI/2 BPSK	1	1	21.98	22.06	22.01



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1900
20	CP-OFDM QPSK	1	1	20.76	20.67	20.93
20	CP-OFDM 16QAM	1	1	20.64	20.53	20.80
20	CP-OFDM 64QAM	1	1	18.97	18.59	19.02
20	CP-OFDM 256QAM	1	1	16.02	16.14	16.37



DC_2A_5B_66A_N2

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1900
20	DFT-s-OFDM PI/2 BPSK	1	1	22.53	22.20	21.58
20		1	53	22.55	22.58	22.10
20		1	104	22.39	22.38	21.77
20		50	1	22.17	22.14	22.34
20		50	25	22.61	22.57	22.49
20		50	50	22.40	22.41	22.27
20		100	0	22.21	22.13	22.16
20	DFT-s-OFDM QPSK	1	1	22.32	22.20	22.50
20		1	53	22.45	22.34	22.10
20		1	104	21.70	22.53	22.31
20		50	1	21.72	21.48	21.87
20		50	25	22.61	22.45	22.47
20		50	50	21.86	21.91	21.58
20		100	0	21.77	21.75	21.75
20	DFT-s-OFDM 16QAM	1	1	21.57	21.41	22.12
20	DFT-s-OFDM 64QAM	1	1	19.85	19.81	20.28
20	DFT-s-OFDM 256QAM	1	1	17.84	17.77	18.21
Channel				371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.26	22.66	20.73
Channel				371000	376000	381000
Frequency (MHz)				1855	1880	1905
10	DFT-s-OFDM PI/2 BPSK	1	1	21.98	22.28	21.02
Channel				370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.21	22.54	21.59



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1900
20	CP-OFDM QPSK	1	1	20.52	19.79	19.87
20	CP-OFDM 16QAM	1	1	20.43	19.65	19.76
20	CP-OFDM 64QAM	1	1	18.95	18.15	18.39
20	CP-OFDM 256QAM	1	1	15.95	15.91	16.25

DC_2A_N5

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	DFT-s-OFDM PI/2 BPSK	1	1	22.95	22.97	22.95
20		1	53	22.89	22.76	22.53
20		1	104	22.55	22.51	22.56
20		50	1	22.53	22.57	22.55
20		50	25	22.63	22.66	22.61
20		50	50	22.26	22.25	22.33
20		100	0	22.33	22.33	22.23
20	DFT-s-OFDM QPSK	1	1	22.98	22.97	22.87
20		1	53	22.81	22.77	22.55
20		1	104	22.59	22.53	22.53
20		50	1	22.15	22.39	22.31
20		50	25	22.64	22.60	22.53
20		50	50	22.33	22.54	22.30
20		100	0	21.91	21.88	21.76
20	DFT-s-OFDM 16QAM	1	1	22.33	22.20	22.31
20	DFT-s-OFDM 64QAM	1	1	20.46	20.61	20.57
20	DFT-s-OFDM 256QAM	1	1	18.47	18.47	18.41
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.64	22.64	22.83
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	22.89	22.88	22.53
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.67	22.79	22.38



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	CP-OFDM QPSK	1	1	21.60	21.66	21.57
20	CP-OFDM 16QAM	1	1	21.46	21.44	21.37
20	CP-OFDM 64QAM	1	1	19.58	19.61	19.57
20	CP-OFDM 256QAM	1	1	16.46	16.46	16.49



DC_66A_N5

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	DFT-s-OFDM PI/2 BPSK	1	1	22.98	23.03	23.01
20		1	53	22.89	22.77	22.59
20		1	104	22.61	22.72	22.56
20		50	1	22.69	22.66	22.82
20		50	25	22.83	23.01	22.91
20		50	50	22.60	22.63	22.67
20		100	0	22.47	22.39	22.30
20	DFT-s-OFDM QPSK	1	1	22.83	23.20	22.94
20		1	53	22.87	22.73	22.70
20		1	104	22.72	22.81	22.73
20		50	1	22.30	22.64	22.54
20		50	25	22.67	22.70	22.68
20		50	50	22.64	22.72	22.50
20		100	0	22.06	21.94	21.87
20	DFT-s-OFDM 16QAM	1	1	22.30	22.34	22.25
20	DFT-s-OFDM 64QAM	1	1	20.66	20.68	20.60
20	DFT-s-OFDM 256QAM	1	1	18.39	18.52	18.43
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.78	22.80	22.91
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	22.87	22.84	22.54
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.23	22.58	22.32



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	CP-OFDM QPSK	1	1	21.56	21.70	21.64
20	CP-OFDM 16QAM	1	1	21.46	21.47	21.53
20	CP-OFDM 64QAM	1	1	19.56	19.63	19.53
20	CP-OFDM 256QAM	1	1	16.49	16.54	16.48



DC_2A-5A_N5

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	DFT-s-OFDM PI/2 BPSK	1	1	22.95	23.07	23.06
20		1	53	22.96	22.75	22.64
20		1	104	22.59	22.64	22.63
20		50	1	22.54	22.63	22.59
20		50	25	22.94	22.89	22.95
20		50	50	22.66	22.60	22.67
20		100	0	22.43	22.38	22.24
20	DFT-s-OFDM QPSK	1	1	22.99	22.98	22.97
20		1	53	22.76	22.75	22.56
20		1	104	22.60	22.50	22.51
20		50	1	22.36	22.30	22.38
20		50	25	22.61	22.51	22.71
20		50	50	22.68	22.41	22.39
20		100	0	21.96	21.91	21.83
20	DFT-s-OFDM 16QAM	1	1	22.35	22.40	22.35
20	DFT-s-OFDM 64QAM	1	1	20.58	20.72	20.61
20	DFT-s-OFDM 256QAM	1	1	18.42	18.47	18.44
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	23.02	22.93	22.89
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	22.98	22.97	22.57
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.64	22.83	22.34



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	21.68	21.69	21.65
20	CP-OFDM 16QAM	1	1	21.37	21.47	21.33
20	CP-OFDM 64QAM	1	1	19.56	19.62	19.51
20	CP-OFDM 256QAM	1	1	16.50	16.54	16.48



DC_2A-66A_N5

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	DFT-s-OFDM PI/2 BPSK	1	1	22.49	22.55	22.63
20		1	53	22.56	22.64	22.58
20		1	104	22.32	22.23	22.33
20		50	1	22.78	22.59	22.57
20		50	25	22.51	22.53	22.64
20		50	50	22.40	22.39	22.36
20		100	0	22.48	22.47	22.25
20	DFT-s-OFDM QPSK	1	1	22.90	23.14	22.94
20		1	53	22.85	22.71	22.77
20		1	104	22.69	22.81	22.72
20		50	1	22.26	22.33	22.52
20		50	25	22.59	22.53	22.75
20		50	50	22.59	22.64	22.53
20		100	0	21.99	21.96	21.80
20	DFT-s-OFDM 16QAM	1	1	22.40	22.14	22.25
20	DFT-s-OFDM 64QAM	1	1	20.62	20.65	20.70
20	DFT-s-OFDM 256QAM	1	1	18.54	18.47	18.48
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	23.13	23.19	22.89
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	22.93	22.83	22.49
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.60	22.96	22.68



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	21.70	21.66	21.68
20	CP-OFDM 16QAM	1	1	21.49	21.55	21.37
20	CP-OFDM 64QAM	1	1	19.56	19.60	19.66
20	CP-OFDM 256QAM	1	1	16.48	16.61	16.55



DC_2A-2A_N5

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	DFT-s-OFDM PI/2 BPSK	1	1	23.04	23.16	23.01
20		1	53	23.00	22.88	22.68
20		1	104	22.78	22.79	22.88
20		50	1	22.62	22.60	22.65
20		50	25	22.48	22.56	22.50
20		50	50	22.51	22.25	22.34
20		100	0	22.48	22.41	22.31
20	DFT-s-OFDM QPSK	1	1	23.04	22.90	22.96
20		1	53	22.84	22.63	22.54
20		1	104	22.62	22.58	22.63
20		50	1	22.82	22.66	22.64
20		50	25	23.07	22.94	22.72
20		50	50	22.91	22.81	22.64
20		100	0	22.04	21.98	21.86
20	DFT-s-OFDM 16QAM	1	1	22.19	22.33	22.33
20	DFT-s-OFDM 64QAM	1	1	20.62	20.74	20.67
20	DFT-s-OFDM 256QAM	1	1	18.44	18.56	18.48
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	23.16	23.08	22.94
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	22.98	22.93	22.49
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.76	22.86	22.56



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				824	836.5	849
20	CP-OFDM QPSK	1	1	21.69	21.67	21.68
20	CP-OFDM 16QAM	1	1	21.47	21.54	21.46
20	CP-OFDM 64QAM	1	1	19.55	19.68	19.64
20	CP-OFDM 256QAM	1	1	16.59	16.59	16.56



DC_5A-66A_N5

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	DFT-s-OFDM PI/2 BPSK	1	1	23.13	23.03	23.06
20		1	53	22.88	22.78	22.64
20		1	104	22.83	22.72	22.68
20		50	1	22.71	22.59	22.50
20		50	25	22.72	22.87	22.89
20		50	50	22.48	22.43	22.63
20		100	0	22.47	22.42	22.31
20	DFT-s-OFDM QPSK	1	1	22.98	23.00	22.89
20		1	53	22.91	22.64	22.51
20		1	104	22.99	22.87	22.91
20		50	1	22.77	22.96	22.72
20		50	25	23.06	22.98	22.77
20		50	50	22.77	22.67	22.65
20		100	0	22.03	22.01	21.87
20	DFT-s-OFDM 16QAM	1	1	22.25	22.18	22.35
20	DFT-s-OFDM 64QAM	1	1	20.59	20.72	20.61
20	DFT-s-OFDM 256QAM	1	1	18.50	18.55	18.46
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	23.09	23.13	22.96
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	23.03	22.92	22.53
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.68	22.89	22.46



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				824	836.5	849
20	CP-OFDM QPSK	1	1	21.68	21.66	21.67
20	CP-OFDM 16QAM	1	1	21.36	21.43	21.45
20	CP-OFDM 64QAM	1	1	19.54	19.58	19.61
20	CP-OFDM 256QAM	1	1	16.58	16.61	16.54



DC_66A-66A_N5

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	DFT-s-OFDM PI/2 BPSK	1	1	23.02	23.03	23.10
20		1	53	22.81	22.79	22.63
20		1	104	22.64	22.70	22.75
20		50	1	22.65	22.69	22.51
20		50	25	22.89	22.72	22.76
20		50	50	22.68	22.64	22.63
20		100	0	22.44	22.46	22.31
20	DFT-s-OFDM QPSK	1	1	22.84	22.97	22.86
20		1	53	22.86	22.69	22.54
20		1	104	22.72	22.57	22.64
20		50	1	22.73	22.63	22.62
20		50	25	22.95	22.98	22.77
20		50	50	22.74	22.72	22.81
20		100	0	21.94	21.99	21.98
20	DFT-s-OFDM 16QAM	1	1	22.25	22.40	22.20
20	DFT-s-OFDM 64QAM	1	1	20.58	20.72	20.65
20	DFT-s-OFDM 256QAM	1	1	18.43	18.53	18.57
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	23.17	23.12	22.93
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	22.95	22.92	22.52
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	23.05	22.90	22.67



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				824	836.5	849
20	CP-OFDM QPSK	1	1	21.64	21.73	21.60
20	CP-OFDM 16QAM	1	1	21.42	21.59	21.49
20	CP-OFDM 64QAM	1	1	19.61	19.64	19.56
20	CP-OFDM 256QAM	1	1	16.53	16.56	16.49



DC_13A-66A_N5

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	DFT-s-OFDM PI/2 BPSK	1	1	23.02	23.11	23.06
20		1	53	22.64	22.80	22.63
20		1	104	22.93	22.80	22.78
20		50	1	22.83	22.65	22.57
20		50	25	22.93	22.91	22.74
20		50	50	22.78	22.61	22.54
20		100	0	22.21	22.39	22.23
20	DFT-s-OFDM QPSK	1	1	22.52	22.93	22.97
20		1	53	22.73	22.76	22.49
20		1	104	22.61	22.48	22.53
20		50	1	22.52	22.43	22.51
20		50	25	22.87	22.92	22.71
20		50	50	22.62	22.48	22.61
20		100	0	22.02	21.97	21.59
20	DFT-s-OFDM 16QAM	1	1	22.15	22.23	22.33
20	DFT-s-OFDM 64QAM	1	1	20.93	20.73	20.61
20	DFT-s-OFDM 256QAM	1	1	18.59	18.48	18.51
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	23.12	23.11	22.85
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	22.60	22.90	22.50
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	23.09	22.87	22.84



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				824	836.5	849
20	CP-OFDM QPSK	1	1	21.67	21.73	21.72
20	CP-OFDM 16QAM	1	1	21.54	21.57	21.40
20	CP-OFDM 64QAM	1	1	19.56	19.66	19.58
20	CP-OFDM 256QAM	1	1	16.54	16.55	16.49



DC_2A-13A_N5

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	DFT-s-OFDM PI/2 BPSK	1	1	23.02	23.05	22.98
20		1	53	22.78	22.71	22.64
20		1	104	22.60	22.61	22.78
20		50	1	22.55	22.51	22.55
20		50	25	22.78	22.91	22.87
20		50	50	22.50	22.63	22.54
20		100	0	22.30	22.46	22.28
20	DFT-s-OFDM QPSK	1	1	23.05	23.08	22.88
20		1	53	22.76	22.70	22.71
20		1	104	22.80	22.71	22.83
20		50	1	22.81	22.74	22.79
20		50	25	23.03	22.89	22.72
20		50	50	22.71	22.78	22.55
20		100	0	21.93	21.97	21.86
20	DFT-s-OFDM 16QAM	1	1	22.25	22.45	22.28
20	DFT-s-OFDM 64QAM	1	1	20.57	20.68	20.65
20	DFT-s-OFDM 256QAM	1	1	18.71	18.56	18.49
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	23.06	23.02	22.93
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	22.99	22.94	22.52
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	23.10	23.11	22.78



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				824	836.5	849
20	CP-OFDM QPSK	1	1	21.64	21.76	21.66
20	CP-OFDM 16QAM	1	1	21.43	21.51	21.51
20	CP-OFDM 64QAM	1	1	19.56	19.60	19.55
20	CP-OFDM 256QAM	1	1	16.53	16.58	16.50



DC_2A-2A-5A_N5

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	DFT-s-OFDM PI/2 BPSK	1	1	22.70	22.57	22.48
20		1	53	22.64	22.40	22.37
20		1	104	22.23	22.35	22.37
20		50	1	22.52	22.50	22.41
20		50	25	22.63	22.60	22.51
20		50	50	22.39	22.17	22.25
20		100	0	22.37	22.29	22.17
20	DFT-s-OFDM QPSK	1	1	22.53	22.63	22.43
20		1	53	22.57	22.40	22.44
20		1	104	22.15	22.17	22.14
20		50	1	22.14	22.50	22.49
20		50	25	22.61	22.57	22.41
20		50	50	22.16	22.15	22.35
20		100	0	21.92	22.03	22.13
20	DFT-s-OFDM 16QAM	1	1	22.16	22.21	22.33
20	DFT-s-OFDM 64QAM	1	1	20.30	20.32	20.18
20	DFT-s-OFDM 256QAM	1	1	18.31	18.30	18.22
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.50	22.61	22.65
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	22.42	22.28	22.01
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.61	22.66	22.31



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				824	836.5	849
20	CP-OFDM QPSK	1	1	21.45	21.32	21.57
20	CP-OFDM 16QAM	1	1	21.28	21.21	21.22
20	CP-OFDM 64QAM	1	1	19.41	19.36	19.34
20	CP-OFDM 256QAM	1	1	16.30	16.38	16.28



DC_2A-2A-66A_N5

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	DFT-s-OFDM PI/2 BPSK	1	1	22.76	22.80	22.73
20		1	53	22.74	22.70	22.56
20		1	104	22.31	22.31	22.35
20		50	1	22.48	22.63	22.71
20		50	25	22.64	22.71	22.63
20		50	50	22.33	22.25	22.37
20		100	0	22.33	22.36	22.48
20	DFT-s-OFDM QPSK	1	1	22.78	22.66	22.54
20		1	53	22.49	22.60	22.41
20		1	104	22.36	22.30	22.43
20		50	1	22.40	22.33	22.27
20		50	25	22.62	22.67	22.60
20		50	50	22.21	22.20	22.19
20		100	0	22.15	22.08	21.98
20	DFT-s-OFDM 16QAM	1	1	22.18	22.23	22.42
20	DFT-s-OFDM 64QAM	1	1	20.34	20.34	20.19
20	DFT-s-OFDM 256QAM	1	1	18.34	18.31	18.47
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.49	22.67	22.63
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	22.68	22.76	22.73
Channel				165300	167300	444
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.60	22.67	22.66



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				824	836.5	849
20	CP-OFDM QPSK	1	1	21.38	21.53	21.37
20	CP-OFDM 16QAM	1	1	21.17	21.26	21.12
20	CP-OFDM 64QAM	1	1	19.42	19.38	19.33
20	CP-OFDM 256QAM	1	1	16.42	16.41	16.49



DC_2A-66A-66A_N5

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	DFT-s-OFDM PI/2 BPSK	1	1	22.59	22.75	22.67
20		1	53	22.49	22.60	22.52
20		1	104	22.31	22.27	22.28
20		50	1	22.65	22.52	22.69
20		50	25	22.70	22.76	22.67
20		50	50	22.36	22.51	22.37
20		100	0	22.49	22.43	22.33
20	DFT-s-OFDM QPSK	1	1	22.77	22.81	22.61
20		1	53	22.71	22.51	22.53
20		1	104	22.34	22.39	22.40
20		50	1	22.27	22.26	22.19
20		50	25	22.46	22.59	22.51
20		50	50	22.28	22.27	22.28
20		100	0	22.31	22.19	22.05
20	DFT-s-OFDM 16QAM	1	1	22.10	22.23	22.35
20	DFT-s-OFDM 64QAM	1	1	20.48	20.41	20.33
20	DFT-s-OFDM 256QAM	1	1	18.20	18.40	18.39
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.64	22.54	22.46
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	22.60	22.49	22.49
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.62	22.61	22.51



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				824	836.5	849
20	CP-OFDM QPSK	1	1	21.80	21.70	21.68
20	CP-OFDM 16QAM	1	1	21.21	21.39	21.51
20	CP-OFDM 64QAM	1	1	19.29	19.42	19.58
20	CP-OFDM 256QAM	1	1	16.25	16.43	16.50



DC_5A-66A-66A_N5

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	DFT-s-OFDM PI/2 BPSK	1	1	22.63	22.64	22.57
20		1	53	22.51	22.67	22.62
20		1	104	22.19	22.20	22.20
20		50	1	22.68	22.51	22.44
20		50	25	22.61	22.67	22.57
20		50	50	22.30	22.34	22.49
20		100	0	22.21	22.38	22.35
20	DFT-s-OFDM QPSK	1	1	22.88	22.73	22.68
20		1	53	22.79	22.64	22.74
20		1	104	22.55	22.46	22.59
20		50	1	22.15	22.34	22.33
20		50	25	22.63	22.61	22.55
20		50	50	22.18	22.29	22.17
20		100	0	22.22	22.23	22.34
20	DFT-s-OFDM 16QAM	1	1	22.43	22.26	22.10
20	DFT-s-OFDM 64QAM	1	1	22.60	22.42	22.54
20	DFT-s-OFDM 256QAM	1	1	18.16	18.36	18.35
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.46	22.61	22.47
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	22.12	22.34	22.30
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.34	22.54	22.51



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				824	836.5	849
20	CP-OFDM QPSK	1	1	22.82	22.73	22.87
20	CP-OFDM 16QAM	1	1	22.02	22.20	22.30
20	CP-OFDM 64QAM	1	1	20.26	20.39	20.43
20	CP-OFDM 256QAM	1	1	18.54	18.36	18.48



DC_13A-66A-66A_N5

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	DFT-s-OFDM PI/2 BPSK	1	1	22.60	22.43	22.49
20		1	53	22.59	22.58	22.80
20		1	104	22.38	22.35	22.31
20		50	1	22.45	22.37	22.51
20		50	25	22.51	22.64	22.66
20		50	50	22.35	22.36	22.68
20		100	0	22.44	22.33	22.28
20	DFT-s-OFDM QPSK	1	1	22.72	22.60	22.65
20		1	53	22.75	22.84	22.86
20		1	104	22.52	22.52	22.73
20		50	1	22.23	22.37	22.39
20		50	25	22.62	22.61	22.45
20		50	50	22.36	22.19	22.20
20		100	0	22.29	22.51	22.53
20	DFT-s-OFDM 16QAM	1	1	22.06	22.17	22.17
20	DFT-s-OFDM 64QAM	1	1	22.64	22.69	22.40
20	DFT-s-OFDM 256QAM	1	1	18.36	18.38	18.51
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.41	22.50	22.51
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	22.39	22.58	22.46
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.40	22.37	22.48



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				824	836.5	849
20	CP-OFDM QPSK	1	1	21.51	21.61	21.57
20	CP-OFDM 16QAM	1	1	21.04	21.35	21.13
20	CP-OFDM 64QAM	1	1	20.46	20.56	20.33
20	CP-OFDM 256QAM	1	1	18.24	18.56	18.53



DC_2A-2A-13A_N5

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	DFT-s-OFDM PI/2 BPSK	1	1	22.51	22.41	22.55
20		1	53	22.60	22.63	22.59
20		1	104	22.18	22.32	22.45
20		50	1	22.32	22.26	22.56
20		50	25	22.67	22.54	22.54
20		50	50	22.52	22.27	22.24
20		100	0	22.31	22.39	22.52
20	DFT-s-OFDM QPSK	1	1	22.79	22.65	22.76
20		1	53	22.75	22.77	22.92
20		1	104	22.63	22.64	22.67
20		50	1	22.38	22.30	22.38
20		50	25	22.63	22.60	22.58
20		50	50	22.13	22.16	22.23
20		100	0	22.37	22.49	22.52
20	DFT-s-OFDM 16QAM	1	1	22.13	22.19	22.18
20	DFT-s-OFDM 64QAM	1	1	22.63	22.84	22.59
20	DFT-s-OFDM 256QAM	1	1	18.56	18.46	18.38
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.43	22.31	22.41
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	22.49	22.51	22.41
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.56	22.55	22.39



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				824	836.5	849
20	CP-OFDM QPSK	1	1	21.44	21.56	21.70
20	CP-OFDM 16QAM	1	1	21.17	21.16	21.33
20	CP-OFDM 64QAM	1	1	20.50	20.17	20.46
20	CP-OFDM 256QAM	1	1	18.48	18.56	18.36



DC_2A-2A-66A-66A_N5

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	DFT-s-OFDM PI/2 BPSK	1	1	22.69	22.67	22.64
20		1	53	22.59	22.68	22.65
20		1	104	22.36	22.34	22.35
20		50	1	22.40	22.54	22.59
20		50	25	22.56	22.73	22.68
20		50	50	22.32	22.32	22.35
20		100	0	22.46	22.42	22.47
20	DFT-s-OFDM QPSK	1	1	22.67	22.74	22.65
20		1	53	22.55	22.53	22.64
20		1	104	22.44	22.32	22.28
20		50	1	22.21	22.11	22.10
20		50	25	22.56	22.43	22.43
20		50	50	22.08	22.16	22.23
20		100	0	22.23	22.09	21.95
20	DFT-s-OFDM 16QAM	1	1	22.33	22.32	22.29
20	DFT-s-OFDM 64QAM	1	1	20.32	20.51	20.71
20	DFT-s-OFDM 256QAM	1	1	18.43	18.37	18.23
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.56	22.62	22.58
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	22.49	22.60	22.43
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.15	22.54	22.35



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				824	836.5	849
20	CP-OFDM QPSK	1	1	21.63	21.61	21.46
20	CP-OFDM 16QAM	1	1	21.22	21.30	21.46
20	CP-OFDM 64QAM	1	1	19.43	19.42	19.45
20	CP-OFDM 256QAM	1	1	16.35	16.39	16.54



DC_2A-2A-5A-66A-66A_N5

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				834	836.5	839
20	DFT-s-OFDM PI/2 BPSK	1	1	22.23	22.10	22.07
20		1	53	22.30	22.23	22.37
20		1	104	22.33	22.46	22.40
20		50	1	21.84	21.84	21.99
20		50	25	22.18	22.23	22.37
20		50	50	22.06	22.02	21.97
20		100	0	21.86	21.91	21.91
20	DFT-s-OFDM QPSK	1	1	22.10	21.98	22.01
20		1	53	22.13	22.13	22.19
20		1	104	22.31	22.15	22.22
20		50	1	21.30	21.37	21.40
20		50	25	22.21	22.29	22.34
20		50	50	21.45	21.49	21.54
20		100	0	21.41	21.40	21.41
20	DFT-s-OFDM 16QAM	1	1	21.25	21.50	21.39
20	DFT-s-OFDM 64QAM	1	1	19.57	19.62	19.52
20	DFT-s-OFDM 256QAM	1	1	17.58	19.77	17.43
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.17	22.22	22.15
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	22.04	22.13	21.94
Channel				165300	167300	169300
Frequency (MHz)				826.5	2	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.37	22.10	22.25



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				166800	167300	167800
Frequency (MHz)				824	836.5	849
20	CP-OFDM QPSK	1	1	20.77	20.74	20.73
20	CP-OFDM 16QAM	1	1	20.58	20.46	20.50
20	CP-OFDM 64QAM	1	1	18.41	18.39	18.44
20	CP-OFDM 256QAM	1	1	15.59	15.52	15.44



DC_13A_N66

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1770
20	DFT-s-OFDM PI/2 BPSK	1	1	22.94	23.29	23.24
20		1	39	23.38	23.41	23.22
20		1	77	23.17	23.28	23.38
20		36	1	23.20	23.19	23.22
20		36	18	23.28	23.59	23.48
20		36	36	23.47	23.51	23.60
20		75	0	22.86	23.16	23.11
20	DFT-s-OFDM QPSK	1	1	23.31	23.61	23.16
20		1	39	23.32	23.53	23.45
20		1	77	23.17	23.48	23.47
20		36	1	23.29	23.31	23.22
20		36	18	23.48	23.60	23.24
20		36	36	23.40	23.60	23.57
20		75	0	22.40	22.69	22.67
20	DFT-s-OFDM 16QAM	1	1	22.31	22.56	22.49
20	DFT-s-OFDM 64QAM	1	1	20.55	20.88	20.75
20	DFT-s-OFDM 256QAM	1	1	18.63	18.78	18.89
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.15	22.56	22.39
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	22.18	22.62	22.64
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.68	22.73	22.47



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



DC_13A_N66

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1770
20	DFT-s-OFDM PI/2 BPSK	1	1	22.94	23.29	23.24
20		1	39	23.38	23.41	23.22
20		1	77	23.17	23.28	23.38
20		36	1	23.20	23.19	23.22
20		36	18	23.28	23.59	23.48
20		36	36	23.47	23.51	23.60
20		75	0	22.86	23.16	23.11
20	DFT-s-OFDM QPSK	1	1	23.31	23.61	23.16
20		1	39	23.32	23.53	23.45
20		1	77	23.17	23.48	23.47
20		36	1	23.29	23.31	23.22
20		36	18	23.48	23.60	23.24
20		36	36	23.40	23.60	23.57
20		75	0	22.40	22.69	22.67
20	DFT-s-OFDM 16QAM	1	1	22.31	22.56	22.49
20	DFT-s-OFDM 64QAM	1	1	20.55	20.88	20.75
20	DFT-s-OFDM 256QAM	1	1	18.63	18.78	18.89
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.15	22.56	22.39
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	22.18	22.62	22.64
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.68	22.73	22.47



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



DC_2A_N66

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1770
20	DFT-s-OFDM PI/2 BPSK	1	1	22.94	23.03	23.25
20		1	39	22.83	23.02	22.97
20		1	77	23.28	23.22	23.10
20		36	1	22.68	22.71	22.73
20		36	18	22.79	23.02	22.90
20		36	36	22.99	22.98	22.82
20		75	0	22.66	22.75	22.52
20	DFT-s-OFDM QPSK	1	1	23.02	23.38	23.08
20		1	39	23.00	22.91	22.95
20		1	77	23.27	23.03	22.90
20		36	1	23.10	23.15	23.01
20		36	18	23.17	22.97	22.87
20		36	36	23.05	23.11	22.80
20		75	0	22.17	22.19	22.14
20	DFT-s-OFDM 16QAM	1	1	22.41	22.35	22.71
20	DFT-s-OFDM 64QAM	1	1	20.51	20.55	20.83
20	DFT-s-OFDM 256QAM	1	1	18.44	18.52	18.73
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	23.05	22.84	23.01
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	23.06	22.92	22.87
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	23.01	22.78	23.07



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



DC_2A-66A_N66

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1770
20	DFT-s-OFDM PI/2 BPSK	1	1	23.12	23.02	23.14
20		1	39	22.94	23.07	22.91
20		1	77	23.37	23.30	23.22
20		36	1	22.67	22.79	22.83
20		36	18	22.89	22.70	22.79
20		36	36	22.98	22.92	22.91
20		75	0	18.19	18.29	18.32
20	DFT-s-OFDM QPSK	1	1	23.08	23.24	23.04
20		1	39	23.03	23.10	23.09
20		1	77	23.31	23.46	23.42
20		36	1	23.04	22.96	22.99
20		36	18	22.86	22.88	22.90
20		36	36	23.02	22.91	23.11
20		75	0	22.13	22.26	21.96
20	DFT-s-OFDM 16QAM	1	1	22.31	22.30	22.44
20	DFT-s-OFDM 64QAM	1	1	20.59	20.43	20.71
20	DFT-s-OFDM 256QAM	1	1	18.58	18.45	18.54
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	23.07	23.00	23.10
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	23.11	23.12	22.98
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	23.10	23.04	23.08



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1710	1745	1780
20	CP-OFDM QPSK	1	1	21.77	21.57	21.85
20	CP-OFDM 16QAM	1	1	21.45	21.39	21.62
20	CP-OFDM 64QAM	1	1	19.66	19.61	19.77
20	CP-OFDM 256QAM	1	1	16.61	16.62	16.53



DC_2A-2A_N66

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1770
20	DFT-s-OFDM PI/2 BPSK	1	1	23.12	23.18	23.15
20		1	39	22.83	22.96	23.07
20		1	77	23.13	23.26	23.24
20		36	1	22.68	22.74	22.81
20		36	18	23.06	22.98	22.99
20		36	36	23.02	23.04	23.10
20		75	0	22.32	22.63	22.82
20	DFT-s-OFDM QPSK	1	1	23.15	23.33	23.23
20		1	39	22.98	22.83	22.93
20		1	77	23.23	23.25	22.99
20		36	1	22.98	22.90	22.87
20		36	18	22.90	23.03	23.03
20		36	36	23.12	23.13	23.04
20		75	0	22.20	22.08	22.20
20	DFT-s-OFDM 16QAM	1	1	22.36	22.32	22.53
20	DFT-s-OFDM 64QAM	1	1	20.60	20.52	20.81
20	DFT-s-OFDM 256QAM	1	1	18.57	18.40	18.67
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	23.11	23.18	23.03
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	23.12	22.95	22.88
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	23.02	22.86	22.99



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1710	1745	1780
20	CP-OFDM QPSK	1	1	21.63	21.70	21.89
20	CP-OFDM 16QAM	1	1	21.57	21.57	21.93
20	CP-OFDM 64QAM	1	1	19.48	19.66	19.78
20	CP-OFDM 256QAM	1	1	16.58	16.55	16.78



DC_2A-13A_N66

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1770
20	DFT-s-OFDM PI/2 BPSK	1	1	23.21	23.19	22.78
20		1	39	23.05	23.13	23.02
20		1	77	23.03	23.18	22.87
20		36	1	22.92	22.82	22.86
20		36	18	23.11	22.92	22.98
20		36	36	23.05	23.04	23.10
20		75	0	23.16	22.75	22.68
20	DFT-s-OFDM QPSK	1	1	23.04	23.11	23.24
20		1	39	22.96	22.90	22.77
20		1	77	23.23	23.23	23.11
20		36	1	23.18	23.02	23.09
20		36	18	23.10	22.98	23.07
20		36	36	23.07	23.05	22.99
20		75	0	22.24	22.18	22.22
20	DFT-s-OFDM 16QAM	1	1	22.22	22.31	22.68
20	DFT-s-OFDM 64QAM	1	1	20.56	20.59	20.78
20	DFT-s-OFDM 256QAM	1	1	18.42	18.65	18.70
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	23.14	23.01	23.02
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	23.08	22.87	23.01
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	23.03	22.90	23.04



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1710	1745	1780
20	CP-OFDM QPSK	1	1	21.81	21.73	21.97
20	CP-OFDM 16QAM	1	1	21.72	21.58	21.74
20	CP-OFDM 64QAM	1	1	19.69	19.65	19.90
20	CP-OFDM 256QAM	1	1	16..61	16.65	16.87



DC_13A-66A_N66

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1770
20	DFT-s-OFDM PI/2 BPSK	1	1	22.26	22.31	22.27
20		1	39	22.69	22.71	22.72
20		1	77	22.43	22.29	22.30
20		36	1	22.37	22.35	22.43
20		36	18	22.68	22.59	22.80
20		36	36	22.65	22.59	22.67
20		75	0	22.20	22.13	22.09
20	DFT-s-OFDM QPSK	1	1	22.34	22.42	22.52
20		1	39	22.54	22.56	22.38
20		1	77	22.22	22.15	22.24
20		36	1	22.48	22.43	22.54
20		36	18	22.73	22.81	22.68
20		36	36	22.52	22.53	22.70
20		75	0	21.68	21.48	21.87
20	DFT-s-OFDM 16QAM	1	1	21.53	21.73	21.42
20	DFT-s-OFDM 64QAM	1	1	19.77	19.95	19.92
20	DFT-s-OFDM 256QAM	1	1	17.85	17.86	17.95
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.21	22.28	22.23
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	22.23	22.38	22.53
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.12	22.17	22.58



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1710	1745	1780
20	CP-OFDM QPSK	1	1	20.94	20.90	20.87
20	CP-OFDM 16QAM	1	1	20.69	20.68	20.79
20	CP-OFDM 64QAM	1	1	18.93	18.95	18.86
20	CP-OFDM 256QAM	1	1	15.68	15.75	15.58



DC_13A-66A-66A_N66

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1770
20	DFT-s-OFDM PI/2 BPSK	1	1	22.30	22.36	22.31
20		1	39	22.75	22.66	22.75
20		1	77	22.52	22.56	22.52
20		36	1	22.21	22.29	22.40
20		36	18	22.52	22.56	22.38
20		36	36	22.44	22.62	22.49
20		75	0	22.23	22.37	22.19
20	DFT-s-OFDM QPSK	1	1	22.32	22.39	22.49
20		1	39	22.46	22.61	22.63
20		1	77	22.79	22.59	22.43
20		36	1	22.40	22.48	22.54
20		36	18	22.61	22.71	22.87
20		36	36	22.71	22.69	22.80
20		75	0	21.96	21.81	21.67
20	DFT-s-OFDM 16QAM	1	1	21.75	21.78	21.79
20	DFT-s-OFDM 64QAM	1	1	19.94	20.03	19.98
20	DFT-s-OFDM 256QAM	1	1	17.96	17.93	18.00
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.58	22.60	22.54
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	22.58	22.63	22.60
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	22.50	22.68	22.58



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1710	1745	1780
20	CP-OFDM QPSK	1	1	21.18	21.17	21.11
20	CP-OFDM 16QAM	1	1	20.91	20.93	21.08
20	CP-OFDM 64QAM	1	1	19.28	19.35	19.15
20	CP-OFDM 256QAM	1	1	16.41	16.33	16.45



DC_2A-2A-5A-66A-66A_N66

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1770
20	DFT-s-OFDM PI/2 BPSK	1	1	22.83	22.93	23.17
20		1	39	23.30	23.36	22.84
20		1	77	23.32	23.58	23.52
20		36	1	22.87	22.67	22.64
20		36	18	23.15	23.50	23.31
20		36	36	23.23	23.46	23.28
20		75	0	22.91	23.10	23.06
20	DFT-s-OFDM QPSK	1	1	22.72	23.29	23.06
20		1	39	23.35	23.23	22.92
20		1	77	23.54	23.57	23.41
20		36	1	22.71	22.97	22.86
20		36	18	23.51	23.39	23.21
20		36	36	23.51	23.57	23.41
20		75	0	23.05	23.35	23.14
20	DFT-s-OFDM 16QAM	1	1	21.97	21.85	22.51
20	DFT-s-OFDM 64QAM	1	1	21.25	21.20	21.91
20	DFT-s-OFDM 256QAM	1	1	19.13	19.58	19.79
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	23.05	23.04	23.01
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	22.74	22.63	22.72
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	23.01	23.32	23.16



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1710	1745	1780
20	CP-OFDM QPSK	1	1	21.76	21.85	21.61
20	CP-OFDM 16QAM	1	1	20.68	20.66	20.90
20	CP-OFDM 64QAM	1	1	19.30	19.70	19.46
20	CP-OFDM 256QAM	1	1	17.22	17.35	17.87



DC_2A-2A-13A-66A-66A_N66

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1770
20	DFT-s-OFDM PI/2 BPSK	1	1	23.21	23.05	23.28
20		1	39	23.39	23.46	23.22
20		1	77	23.36	23.47	23.54
20		36	1	22.98	22.97	22.94
20		36	18	23.49	23.37	23.37
20		36	36	23.34	23.51	23.16
20		75	0	23.05	23.40	23.07
20	DFT-s-OFDM QPSK	1	1	22.78	22.97	23.35
20		1	39	23.42	23.22	22.90
20		1	77	23.59	23.58	23.34
20		36	1	22.74	23.02	23.09
20		36	18	23.46	23.42	23.15
20		36	36	23.41	23.58	23.35
20		75	0	22.99	23.41	23.14
20	DFT-s-OFDM 16QAM	1	1	21.81	21.80	22.04
20	DFT-s-OFDM 64QAM	1	1	21.10	21.02	21.35
20	DFT-s-OFDM 256QAM	1	1	19.56	19.76	19.84
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	22.89	23.37	23.00
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	23.01	23.34	23.43
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	23.17	23.29	23.50



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1710	1745	1780
20	CP-OFDM QPSK	1	1	21.18	21.25	21.91
20	CP-OFDM 16QAM	1	1	20.80	21.26	21.76
20	CP-OFDM 64QAM	1	1	19.41	19.96	20.37
20	CP-OFDM 256QAM	1	1	17.50	17.79	17.88



DC_2A-5B-66A-66A_N66

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1770
20	DFT-s-OFDM PI/2 BPSK	1	1	22.86	22.80	23.41
20		1	39	22.80	23.45	23.03
20		1	77	23.08	23.52	23.58
20		36	1	23.13	22.73	22.83
20		36	18	22.89	23.43	23.10
20		36	36	23.29	23.57	23.30
20		75	0	23.19	23.31	23.14
20	DFT-s-OFDM QPSK	1	1	23.10	23.21	23.41
20		1	39	23.09	23.41	22.97
20		1	77	22.97	23.56	23.34
20		36	1	23.10	23.33	23.24
20		36	18	23.52	23.53	23.32
20		36	36	23.57	23.50	23.38
20		75	0	23.12	23.50	23.06
20	DFT-s-OFDM 16QAM	1	1	22.51	22.55	23.08
20	DFT-s-OFDM 64QAM	1	1	21.37	21.71	21.92
20	DFT-s-OFDM 256QAM	1	1	19.48	19.23	19.62
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	23.22	23.27	23.45
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	23.19	23.48	23.43
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	23.48	23.24	23.57



BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1710	1745	1780
20	CP-OFDM QPSK	1	1	22.02	21.94	22.12
20	CP-OFDM 16QAM	1	1	21.20	21.65	21.61
20	CP-OFDM 64QAM	1	1	19.87	20.21	20.43
20	CP-OFDM 256QAM	1	1	17.30	17.61	17.95



DC_2A_N77

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	23.53	23.22	22.87
100		1	136	23.03	23.10	22.93
100		1	272	23.25	22.91	22.67
100		135	1	22.96	22.93	22.68
100		135	67	23.14	23.15	22.62
100		135	136	22.93	22.49	22.69
100		270	0	23.01	22.71	22.60
100	DFT-s-OFDM QPSK	1	1	23.64	23.05	22.83
100		1	136	23.13	22.90	22.74
100		1	272	23.23	22.89	22.86
100		135	1	22.50	22.54	22.74
100		135	67	23.15	23.00	22.81
100		135	136	22.45	22.62	22.65
100		270	0	22.45	22.21	22.03
100	DFT-s-OFDM 16QAM	1	1	22.96	22.67	22.38
100	DFT-s-OFDM 64QAM	1	1	20.94	20.64	20.35
100	DFT-s-OFDM 256QAM	1	1	19.16	18.88	18.38
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	22.34	21.97	21.71
100	CP-OFDM 16QAM	1	1	21.95	21.60	21.23
100	CP-OFDM 64QAM	1	1	20.08	19.62	19.36
100	CP-OFDM 256QAM	1	1	17.52	17.12	16.84



DC_5A_N77

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	22.59	22.31	22.25
100		1	136	22.01	22.62	21.56
100		1	272	21.81	21.70	22.04
100		135	1	21.86	22.27	21.04
100		135	67	22.01	22.67	21.16
100		135	136	21.48	21.90	21.19
100		270	0	21.65	22.07	21.50
100	DFT-s-OFDM QPSK	1	1	22.88	22.34	22.04
100		1	136	21.82	22.64	21.52
100		1	272	21.20	21.18	21.59
100		135	1	21.31	21.70	20.94
100		135	67	21.97	22.71	21.58
100		135	136	21.01	21.57	21.08
100		270	0	21.18	21.68	20.97
100	DFT-s-OFDM 16QAM	1	1	21.91	21.63	21.18
100	DFT-s-OFDM 64QAM	1	1	20.41	19.69	19.42
100	DFT-s-OFDM 256QAM	1	1	18.60	18.01	17.76
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	CP-OFDM QPSK	1	1	21.68	21.18	20.77
100	CP-OFDM 16QAM	1	1	20.99	20.56	20.33
100	CP-OFDM 64QAM	1	1	19.20	18.72	18.57
100	CP-OFDM 256QAM	1	1	16.72	16.08	15.82



DC_13A_N77

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	22.81	22.31	22.16
100		1	136	21.76	22.62	21.50
100		1	272	21.72	21.73	22.07
100		135	1	21.82	22.26	20.99
100		135	67	21.91	22.61	21.21
100		135	136	21.57	21.92	21.13
100		270	0	21.76	22.24	21.27
100	DFT-s-OFDM QPSK	1	1	22.83	22.28	22.08
100		1	136	21.90	22.46	21.41
100		1	272	21.39	21.20	21.56
100		135	1	21.30	21.77	21.02
100		135	67	21.90	22.61	21.46
100		135	136	21.22	21.66	21.12
100		270	0	21.30	21.75	20.96
100	DFT-s-OFDM 16QAM	1	1	22.09	21.51	21.13
100	DFT-s-OFDM 64QAM	1	1	20.31	19.47	19.37
100	DFT-s-OFDM 256QAM	1	1	18.57	17.97	17.73
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	CP-OFDM QPSK	1	1	21.63	20.90	20.77
100	CP-OFDM 16QAM	1	1	21.32	20.47	20.38
100	CP-OFDM 64QAM	1	1	19.34	18.57	18.44
100	CP-OFDM 256QAM	1	1	16.65	16.30	15.77



DC_66A_N77

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	22.59	22.38	22.25
100		1	136	22.07	22.61	21.60
100		1	272	21.84	21.55	21.96
100		135	1	21.98	22.28	20.93
100		135	67	22.04	22.62	21.21
100		135	136	21.77	21.84	21.03
100		270	0	21.88	22.27	21.15
100	DFT-s-OFDM QPSK	1	1	22.96	22.42	21.29
100		1	136	22.06	22.63	21.55
100		1	272	21.40	21.20	21.57
100		135	1	21.51	21.79	20.95
100		135	67	22.08	22.73	21.38
100		135	136	21.22	21.73	21.20
100		270	0	21.35	21.69	21.03
100	DFT-s-OFDM 16QAM	1	1	22.16	21.50	21.23
100	DFT-s-OFDM 64QAM	1	1	20.16	19.66	19.39
100	DFT-s-OFDM 256QAM	1	1	18.50	18.01	17.82
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	21.73	21.14	20.70
100	CP-OFDM 16QAM	1	1	21.33	20.69	20.42
100	CP-OFDM 64QAM	1	1	19.22	18.65	18.48
100	CP-OFDM 256QAM	1	1	17.02	16.03	15.81



DC_2A-5A_N77

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	22.57	22.42	22.23
100		1	136	21.83	22.74	21.67
100		1	272	21.71	21.75	22.03
100		135	1	21.77	22.32	20.98
100		135	67	21.84	22.66	21.20
100		135	136	21.49	21.92	21.18
100		270	0	21.68	22.24	21.37
100	DFT-s-OFDM QPSK	1	1	22.85	22.35	21.92
100		1	136	21.74	22.55	21.50
100		1	272	21.19	21.21	21.64
100		135	1	21.38	21.83	21.04
100		135	67	22.01	22.77	21.56
100		135	136	21.19	21.68	21.23
100		270	0	21.33	21.78	21.04
100	DFT-s-OFDM 16QAM	1	1	22.30	21.49	21.18
100	DFT-s-OFDM 64QAM	1	1	20.28	19.76	19.30
100	DFT-s-OFDM 256QAM	1	1	18.61	18.04	17.85
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	21.74	20.95	20.76
100	CP-OFDM 16QAM	1	1	21.20	20.70	20.41
100	CP-OFDM 64QAM	1	1	19.26	18.63	18.48
100	CP-OFDM 256QAM	1	1	17.04	16.04	15.86



DC_2A-13A_N77

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	22.34	22.24	22.23
100		1	136	21.92	22.65	21.68
100		1	272	21.81	21.75	21.96
100		135	1	21.74	22.20	20.97
100		135	67	21.84	22.65	21.18
100		135	136	21.51	21.91	21.06
100		270	0	21.72	22.22	21.34
100	DFT-s-OFDM QPSK	1	1	22.86	22.36	21.80
100		1	136	21.75	22.66	21.34
100		1	272	21.13	21.14	21.46
100		135	1	21.39	21.79	21.04
100		135	67	22.03	22.78	21.49
100		135	136	21.23	21.73	21.20
100		270	0	21.32	21.76	21.02
100	DFT-s-OFDM 16QAM	1	1	22.04	21.50	21.17
100	DFT-s-OFDM 64QAM	1	1	20.26	19.62	19.28
100	DFT-s-OFDM 256QAM	1	1	18.54	18.04	17.85
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	21.52	21.03	20.63
100	CP-OFDM 16QAM	1	1	21.29	20.67	20.30
100	CP-OFDM 64QAM	1	1	19.19	18.66	18.44
100	CP-OFDM 256QAM	1	1	17.01	16.14	15.84



DC_2A-66A_N77

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	22.83	22.45	21.56
100		1	136	21.85	22.81	21.25
100		1	272	21.81	21.78	21.28
100		135	1	21.77	22.43	20.78
100		135	67	21.97	22.85	21.11
100		135	136	21.62	21.69	21.02
100		270	0	21.68	22.30	21.43
100	DFT-s-OFDM QPSK	1	1	22.93	22.39	22.16
100		1	136	21.87	22.61	21.54
100		1	272	21.23	21.37	21.74
100		135	1	21.39	21.87	21.11
100		135	67	22.01	22.82	21.51
100		135	136	21.20	21.80	21.27
100		270	0	21.43	21.85	21.09
100	DFT-s-OFDM 16QAM	1	1	22.10	21.69	21.10
100	DFT-s-OFDM 64QAM	1	1	20.22	19.78	19.30
100	DFT-s-OFDM 256QAM	1	1	18.64	18.07	18.54
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	21.94	20.83	20.58
100	CP-OFDM 16QAM	1	1	21.57	20.48	20.24
100	CP-OFDM 64QAM	1	1	19.43	18.59	18.38
100	CP-OFDM 256QAM	1	1	16.82	16.44	15.93



DC_5A-66A_N77

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	22.96	22.40	22.33
100		1	136	21.92	22.70	21.73
100		1	272	21.77	21.72	22.14
100		135	1	21.91	22.31	21.01
100		135	67	21.89	22.73	21.26
100		135	136	21.69	21.95	21.15
100		270	0	21.75	22.20	21.61
100	DFT-s-OFDM QPSK	1	1	22.97	22.46	22.25
100		1	136	21.95	22.66	21.66
100		1	272	21.28	21.17	21.69
100		135	1	21.30	21.79	21.02
100		135	67	21.99	22.76	21.53
100		135	136	21.16	21.74	21.25
100		270	0	21.25	21.73	21.04
100	DFT-s-OFDM 16QAM	1	1	22.23	21.58	21.32
100	DFT-s-OFDM 64QAM	1	1	20.29	19.72	19.48
100	DFT-s-OFDM 256QAM	1	1	18.64	17.98	17.85
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	21.82	21.03	20.81
100	CP-OFDM 16QAM	1	1	21.14	20.68	20.34
100	CP-OFDM 64QAM	1	1	19.48	18.79	18.53
100	CP-OFDM 256QAM	1	1	16.98	16.34	15.92



DC_13A-66A_N77

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	22.51	22.39	22.25
100		1	136	21.92	22.71	21.59
100		1	272	21.90	21.81	21.98
100		135	1	22.08	22.35	20.99
100		135	67	21.98	22.55	21.21
100		135	136	21.86	21.83	21.06
100		270	0	21.95	22.38	21.30
100	DFT-s-OFDM QPSK	1	1	22.89	22.36	21.80
100		1	136	21.96	22.69	21.40
100		1	272	21.45	21.36	21.55
100		135	1	21.50	21.88	21.01
100		135	67	22.07	22.69	21.46
100		135	136	21.31	21.75	21.28
100		270	0	21.49	21.84	21.13
100	DFT-s-OFDM 16QAM	1	1	22.32	21.64	21.28
100	DFT-s-OFDM 64QAM	1	1	20.26	19.77	19.19
100	DFT-s-OFDM 256QAM	1	1	18.71	18.13	17.83
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	21.71	20.96	20.70
100	CP-OFDM 16QAM	1	1	21.31	20.64	20.40
100	CP-OFDM 64QAM	1	1	19.36	18.67	18.51
100	CP-OFDM 256QAM	1	1	16.72	16.19	15.95



DC_66A-66A_N77

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	23.08	22.57	22.24
100		1	136	22.18	22.88	21.72
100		1	272	21.75	21.66	21.90
100		135	1	22.14	22.45	20.91
100		135	67	22.16	22.38	21.10
100		135	136	21.86	21.69	21.03
100		270	0	22.01	22.38	21.28
100	DFT-s-OFDM QPSK	1	1	23.13	22.52	22.14
100		1	136	22.19	22.74	21.60
100		1	272	21.47	21.44	21.71
100		135	1	21.58	21.90	20.98
100		135	67	22.13	22.88	21.44
100		135	136	21.41	21.80	21.31
100		270	0	21.51	21.86	20.98
100	DFT-s-OFDM 16QAM	1	1	22.32	21.61	21.10
100	DFT-s-OFDM 64QAM	1	1	20.65	19.88	19.34
100	DFT-s-OFDM 256QAM	1	1	18.71	18.13	17.93
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	21.87	20.89	20.57
100	CP-OFDM 16QAM	1	1	21.26	20.42	20.14
100	CP-OFDM 64QAM	1	1	19.49	18.70	18.48
100	CP-OFDM 256QAM	1	1	16.97	16.20	16.04



DC_2A-2A_N77

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	22.79	22.52	22.18
100		1	136	21.96	22.70	21.64
100		1	272	21.76	21.69	21.90
100		135	1	21.94	22.28	21.11
100		135	67	21.91	22.66	21.37
100		135	136	21.64	21.93	21.13
100		270	0	21.74	22.31	21.42
100	DFT-s-OFDM QPSK	1	1	23.01	22.47	22.31
100		1	136	21.86	22.71	21.54
100		1	272	21.23	21.26	21.74
100		135	1	21.32	21.87	21.03
100		135	67	22.02	22.76	21.48
100		135	136	21.09	21.74	21.31
100		270	0	21.28	21.66	21.21
100	DFT-s-OFDM 16QAM	1	1	22.11	21.69	21.09
100	DFT-s-OFDM 64QAM	1	1	20.30	19.66	19.23
100	DFT-s-OFDM 256QAM	1	1	18.66	18.08	17.99
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	22.01	20.93	20.58
100	CP-OFDM 16QAM	1	1	21.54	20.45	20.24
100	CP-OFDM 64QAM	1	1	19.51	18.60	18.37
100	CP-OFDM 256QAM	1	1	16.88	16.55	15.94



DC_2A-5A-66A_N77

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	23.04	22.59	22.23
100		1	136	22.09	22.91	21.71
100		1	272	21.98	21.55	21.87
100		135	1	21.95	22.50	20.95
100		135	67	22.05	22.56	21.27
100		135	136	21.84	21.84	21.06
100		270	0	21.96	22.43	21.41
100	DFT-s-OFDM QPSK	1	1	23.05	22.59	21.87
100		1	136	22.08	22.81	21.49
100		1	272	21.53	21.43	21.66
100		135	1	21.56	21.94	21.11
100		135	67	22.09	22.75	21.51
100		135	136	21.35	21.85	21.30
100		270	0	21.46	21.93	21.28
100	DFT-s-OFDM 16QAM	1	1	22.31	21.73	21.13
100	DFT-s-OFDM 64QAM	1	1	20.34	19.91	19.27
100	DFT-s-OFDM 256QAM	1	1	18.62	18.25	18.02
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	21.57	21.03	20.64
100	CP-OFDM 16QAM	1	1	21.17	20.54	20.29
100	CP-OFDM 64QAM	1	1	19.22	18.70	18.42
100	CP-OFDM 256QAM	1	1	16.92	16.32	15.98



DC_2A-13A-66A_N77

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	23.02	22.79	21.88
100		1	136	22.11	22.80	21.54
100		1	272	21.97	21.37	21.62
100		135	1	22.10	22.43	21.04
100		135	67	22.19	22.30	21.27
100		135	136	21.84	21.61	21.12
100		270	0	21.95	22.37	21.40
100	DFT-s-OFDM QPSK	1	1	23.10	22.81	22.22
100		1	136	22.15	22.71	21.67
100		1	272	21.52	21.26	21.80
100		135	1	21.67	21.99	21.09
100		135	67	22.20	22.86	21.54
100		135	136	21.39	21.75	21.38
100		270	0	21.49	21.90	21.30
100	DFT-s-OFDM 16QAM	1	1	22.34	21.77	21.13
100	DFT-s-OFDM 64QAM	1	1	20.34	20.01	19.28
100	DFT-s-OFDM 256QAM	1	1	18.66	18.31	17.94
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	21.56	21.05	20.66
100	CP-OFDM 16QAM	1	1	21.06	20.57	20.35
100	CP-OFDM 64QAM	1	1	19.25	18.73	18.45
100	CP-OFDM 256QAM	1	1	16.95	16.30	16.03



DC_2A-66A-66A_N77

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	23.24	22.62	21.67
100		1	136	22.31	22.92	21.31
100		1	272	21.75	21.73	21.36
100		135	1	22.19	22.49	20.86
100		135	67	22.25	22.98	21.37
100		135	136	21.89	21.92	21.29
100		270	0	22.04	22.39	21.64
100	DFT-s-OFDM QPSK	1	1	23.25	22.49	21.96
100		1	136	22.23	22.70	21.56
100		1	272	21.53	21.35	21.73
100		135	1	21.63	21.90	21.25
100		135	67	22.26	22.89	21.59
100		135	136	21.46	21.81	21.43
100		270	0	21.52	21.87	21.28
100	DFT-s-OFDM 16QAM	1	1	22.30	21.46	21.18
100	DFT-s-OFDM 64QAM	1	1	20.29	19.82	19.18
100	DFT-s-OFDM 256QAM	1	1	18.93	18.12	18.00
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	21.66	20.36	20.35
100	CP-OFDM 16QAM	1	1	21.33	20.16	20.17
100	CP-OFDM 64QAM	1	1	19.41	18.65	18.43
100	CP-OFDM 256QAM	1	1	16.68	16.23	16.21



DC_5A-66A-66A_N77

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	23.13	22.64	22.15
100		1	136	22.28	22.97	21.72
100		1	272	21.45	22.66	21.84
100		135	1	22.16	22.55	20.95
100		135	67	22.26	22.62	21.30
100		135	136	21.84	21.60	21.04
100		270	0	22.08	22.46	21.55
100	DFT-s-OFDM QPSK	1	1	23.26	22.45	21.85
100		1	136	22.26	22.83	21.47
100		1	272	21.63	21.34	21.60
100		135	1	21.71	22.00	21.09
100		135	67	22.29	22.92	21.32
100		135	136	21.49	21.89	21.32
100		270	0	21.60	21.98	21.21
100	DFT-s-OFDM 16QAM	1	1	22.41	21.52	20.86
100	DFT-s-OFDM 64QAM	1	1	20.45	19.65	19.08
100	DFT-s-OFDM 256QAM	1	1	19.95	18.19	17.99
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	21.76	21.02	20.30
100	CP-OFDM 16QAM	1	1	21.21	20.70	19.98
100	CP-OFDM 64QAM	1	1	19.43	18.82	18.21
100	CP-OFDM 256QAM	1	1	17.01	16.16	15.99



DC_13A-66A-66A_N77

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	22.14	22.27	21.59
100		1	136	22.19	22.73	21.17
100		1	272	21.77	21.27	21.20
100		135	1	22.24	22.34	20.69
100		135	67	22.13	22.35	21.15
100		135	136	21.98	21.65	21.12
100		270	0	22.03	22.45	21.50
100	DFT-s-OFDM QPSK	1	1	22.97	22.52	21.95
100		1	136	22.14	22.71	21.44
100		1	272	21.31	21.51	21.64
100		135	1	21.71	22.03	21.11
100		135	67	22.17	22.79	21.36
100		135	136	21.51	21.94	21.37
100		270	0	21.56	21.96	21.17
100	DFT-s-OFDM 16QAM	1	1	21.97	21.83	21.10
100	DFT-s-OFDM 64QAM	1	1	20.27	20.07	19.19
100	DFT-s-OFDM 256QAM	1	1	18.79	18.24	17.98
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	21.21	21.18	20.38
100	CP-OFDM 16QAM	1	1	20.74	20.74	20.08
100	CP-OFDM 64QAM	1	1	19.85	19.09	18.26
100	CP-OFDM 256QAM	1	1	17.34	16.35	16.17



DC_2A-2A-13A_N77

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	22.71	22.74	22.06
100		1	136	22.85	22.83	21.62
100		1	272	21.46	21.51	21.74
100		135	1	22.57	22.52	20.85
100		135	67	22.81	22.54	21.16
100		135	136	21.60	21.62	21.00
100		270	0	22.43	22.48	21.49
100	DFT-s-OFDM QPSK	1	1	22.63	22.34	21.73
100		1	136	22.78	22.70	21.37
100		1	272	21.47	21.30	21.52
100		135	1	22.04	21.96	21.04
100		135	67	22.60	22.92	21.36
100		135	136	21.88	21.89	21.34
100		270	0	21.96	21.97	21.21
100	DFT-s-OFDM 16QAM	1	1	21.73	21.42	20.80
100	DFT-s-OFDM 64QAM	1	1	20.02	19.52	18.97
100	DFT-s-OFDM 256QAM	1	1	18.28	18.26	17.95
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	20.59	20.92	20.56
100	CP-OFDM 16QAM	1	1	20.37	20.68	20.33
100	CP-OFDM 64QAM	1	1	18.40	18.76	18.59
100	CP-OFDM 256QAM	1	1	16.74	16.22	19.95



DC_66A-66A-66A_N77

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	23.19	22.71	21.48
100		1	136	22.33	22.98	21.13
100		1	272	21.45	21.54	21.19
100		135	1	21.94	22.54	20.66
100		135	67	22.22	22.63	21.18
100		135	136	21.79	22.68	21.12
100		270	0	22.11	22.45	21.50
100	DFT-s-OFDM QPSK	1	1	23.29	22.61	22.03
100		1	136	22.19	22.82	21.51
100		1	272	21.67	21.51	21.72
100		135	1	21.69	21.98	21.12
100		135	67	22.34	22.97	21.46
100		135	136	21.52	21.85	21.40
100		270	0	21.63	21.94	21.12
100	DFT-s-OFDM 16QAM	1	1	22.29	21.68	21.10
100	DFT-s-OFDM 64QAM	1	1	20.48	19.87	19.26
100	DFT-s-OFDM 256QAM	1	1	18.99	18.12	18.02
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	21.19	20.52	20.18
100	CP-OFDM 16QAM	1	1	20.89	20.27	20.01
100	CP-OFDM 64QAM	1	1	19.93	18.36	18.14
100	CP-OFDM 256QAM	1	1	17.37	16.64	16.18



DC_2A-2A-5A_N77

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	22.95	22.70	22.09
100		1	136	22.15	22.98	21.64
100		1	272	21.31	21.47	21.79
100		135	1	22.08	22.48	20.90
100		135	67	22.25	22.53	21.21
100		135	136	21.74	21.56	20.97
100		270	0	22.15	22.52	21.38
100	DFT-s-OFDM QPSK	1	1	23.32	22.63	21.72
100		1	136	22.28	22.89	21.37
100		1	272	21.60	21.47	21.52
100		135	1	21.76	21.98	20.89
100		135	67	22.28	22.91	21.22
100		135	136	21.50	21.96	21.34
100		270	0	21.63	21.97	21.20
100	DFT-s-OFDM 16QAM	1	1	22.27	21.76	20.78
100	DFT-s-OFDM 64QAM	1	1	20.48	19.96	18.96
100	DFT-s-OFDM 256QAM	1	1	19.01	18.32	18.03
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	21.52	20.97	20.37
100	CP-OFDM 16QAM	1	1	21.28	20.68	20.12
100	CP-OFDM 64QAM	1	1	19.35	18.76	18.28
100	CP-OFDM 256QAM	1	1	16.79	16.49	16.02



Effective Radiated Power and Effective Isotropic Radiated Power:

DC_66A_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	26.21	26.14	26.09	0.418	0.411	0.406
20		1	39	26.29	26.23	26.15	0.426	0.420	0.412
20		1	77	26.11	26.31	26.09	0.408	0.428	0.406
20		36	1	25.89	25.87	26.08	0.388	0.386	0.406
20		36	18	26.31	26.10	26.24	0.428	0.407	0.421
20		36	36	26.17	26.02	26.13	0.414	0.400	0.410
20		75	0	26.13	25.86	25.98	0.410	0.385	0.396
20	DFT-s-OFDM QPSK	1	1	26.28	26.55	26.40	0.425	0.452	0.437
20		1	39	26.19	26.13	26.19	0.416	0.410	0.416
20		1	77	26.07	26.26	26.23	0.405	0.423	0.420
20		36	1	26.25	26.28	25.82	0.422	0.425	0.382
20		36	18	26.27	26.26	26.27	0.424	0.423	0.424
20		36	36	26.14	25.98	26.01	0.411	0.396	0.399
20		75	0	25.61	25.77	25.70	0.364	0.378	0.372
20	DFT-s-OFDM 16QAM	1	1	25.15	24.85	24.74	0.327	0.305	0.298
20	DFT-s-OFDM 64QAM	1	1	23.87	24.13	23.93	0.244	0.259	0.247
20	DFT-s-OFDM 256QAM	1	1	21.57	22.05	21.99	0.144	0.160	0.158
Channel				371500	376000	380500	371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5	1857.5	1880	1902.5
15	DFT-s-OFDM PI/2 BPSK	1	1	26.23	26.07	25.80	0.420	0.405	0.380
Channel				371000	376000	381000	371000	376000	381000
Frequency (MHz)				1855	1880	1905	1855	1880	1905
10	DFT-s-OFDM PI/2 BPSK	1	1	26.09	25.92	25.95	0.406	0.391	0.394
Channel				370500	376000	381500	370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5	1852.5	1880	1907.5
5	DFT-s-OFDM	1	1	26.10	25.99	25.91	0.407	0.397	0.390



	PI/2 BPSK								
Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1900	1860	1880	1900
20	CP-OFDM QPSK	1	1	24.45	24.01	24.26	0.279	0.252	0.267
20	CP-OFDM 16QAM	1	1	24.42	24.14	23.97	0.277	0.259	0.249
20	CP-OFDM 64QAM	1	1	22.62	22.51	22.48	0.183	0.178	0.177
20	CP-OFDM 256QAM	1	1	19.98	19.87	20.20	0.100	0.097	0.105



DC_2A-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	26.28	26.20	26.26	0.425	0.417	0.423
20		1	39	26.29	26.23	26.05	0.426	0.420	0.403
20		1	77	26.26	26.23	25.96	0.423	0.420	0.394
20		36	1	26.10	25.93	26.10	0.407	0.392	0.407
20		36	18	26.25	26.28	26.28	0.422	0.425	0.425
20		36	36	26.26	26.10	25.92	0.423	0.407	0.391
20		75	0	26.03	25.98	26.03	0.401	0.396	0.401
20	DFT-s-OFDM QPSK	1	1	26.18	26.08	26.06	0.415	0.406	0.404
20		1	39	26.30	26.18	26.17	0.427	0.415	0.414
20		1	77	25.76	26.06	26.14	0.377	0.404	0.411
20		36	1	25.68	25.73	25.69	0.370	0.374	0.371
20		36	18	26.03	26.07	25.98	0.401	0.405	0.396
20		36	36	25.75	25.72	25.70	0.376	0.373	0.372
20		75	0	25.61	25.56	25.56	0.364	0.360	0.360
20	DFT-s-OFDM 16QAM	1	1	25.40	25.43	25.69	0.347	0.349	0.371
20	DFT-s-OFDM 64QAM	1	1	23.92	23.79	24.06	0.247	0.239	0.255
20	DFT-s-OFDM 256QAM	1	1	21.73	21.62	22.00	0.149	0.145	0.158
Channel				371500	376000	380500	371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5	1857.5	1880	1902.5
15	DFT-s-OFDM PI/2 BPSK	1	1	26.15	26.04	25.89	0.412	0.402	0.388
Channel				371000	376000	381000	371000	376000	381000
Frequency (MHz)				1855	1880	1905	1855	1880	1905
10	DFT-s-OFDM PI/2 BPSK	1	1	25.80	25.79	25.48	0.380	0.379	0.353
Channel				370500	376000	381500	370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5	1852.5	1880	1907.5
5	DFT-s-OFDM PI/2 BPSK	1	1	26.21	25.99	25.97	0.418	0.397	0.395



Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1900	1860	1880	1900
20	CP-OFDM QPSK	1	1	25.36	25.66	25.35	0.344	0.368	0.343
20	CP-OFDM 16QAM	1	1	25.21	25.00	25.14	0.332	0.316	0.327
20	CP-OFDM 64QAM	1	1	22.82	23.13	23.08	0.191	0.206	0.203
20	CP-OFDM 256QAM	1	1	20.11	19.88	20.02	0.103	0.097	0.100



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	26.13	26.11	26.31	0.410	0.408	0.428
20		1	39	26.28	26.22	26.19	0.425	0.419	0.416
20		1	77	26.21	26.25	26.27	0.418	0.422	0.424
20		36	1	26.03	25.86	26.12	0.401	0.385	0.409
20		36	18	26.34	26.18	26.29	0.431	0.415	0.426
20		36	36	26.03	26.14	26.18	0.401	0.411	0.415
20		75	0	26.01	25.95	26.01	0.399	0.394	0.399
20	DFT-s-OFDM QPSK	1	1	26.10	26.07	26.33	0.407	0.405	0.430
20		1	39	26.17	26.15	26.16	0.414	0.412	0.413
20		1	77	26.11	26.36	26.18	0.408	0.433	0.415
20		36	1	25.98	26.01	25.93	0.396	0.399	0.392
20		36	18	26.37	26.31	26.27	0.434	0.428	0.424
20		36	36	26.11	25.93	26.08	0.408	0.392	0.406
20		75	0	25.89	26.02	25.92	0.388	0.400	0.391
20	DFT-s-OFDM 16QAM	1	1	25.69	25.32	25.66	0.371	0.340	0.368
20	DFT-s-OFDM 64QAM	1	1	23.67	23.73	24.03	0.233	0.236	0.253
20	DFT-s-OFDM 256QAM	1	1	21.66	21.61	21.49	0.147	0.145	0.141
Channel				371500	376000	380500	371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5	1857.5	1880	1902.5
15	DFT-s-OFDM PI/2 BPSK	1	1	26.15	26.09	25.98	0.412	0.406	0.396
Channel				371000	376000	381000	371000	376000	381000
Frequency (MHz)				1855	1880	1905	1855	1880	1905
10	DFT-s-OFDM PI/2 BPSK	1	1	25.98	25.58	25.61	0.396	0.361	0.364
Channel				370500	376000	381500	370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5	1852.5	1880	1907.5
5	DFT-s-OFDM PI/2 BPSK	1	1	25.78	25.86	25.81	0.378	0.385	0.381



Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1900	1860	1880	1900
20	CP-OFDM QPSK	1	1	24.56	24.47	24.73	0.286	0.280	0.297
20	CP-OFDM 16QAM	1	1	24.44	24.33	24.60	0.278	0.271	0.288
20	CP-OFDM 64QAM	1	1	22.77	22.39	22.82	0.189	0.173	0.191
20	CP-OFDM 256QAM	1	1	19.82	19.94	20.17	0.096	0.099	0.104



DC_2A-5B-66A-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	26.63	25.38	25.12	0.460	0.345	0.325
20		1	39	26.88	26.66	25.59	0.488	0.463	0.362
20		1	77	26.09	25.46	25.21	0.406	0.352	0.332
20		36	1	26.38	26.33	26.64	0.435	0.430	0.461
20		36	18	27.09	25.72	26.50	0.512	0.373	0.447
20		36	36	26.69	25.98	25.69	0.467	0.396	0.371
20		75	0	26.71	26.53	26.41	0.469	0.450	0.438
20	DFT-s-OFDM QPSK	1	1	26.06	25.13	24.87	0.404	0.326	0.307
20		1	39	26.39	26.68	25.49	0.436	0.466	0.354
20		1	77	25.52	25.27	24.78	0.356	0.337	0.301
20		36	1	26.16	26.12	26.19	0.413	0.409	0.416
20		36	18	27.23	26.79	27.01	0.528	0.478	0.502
20		36	36	26.30	26.29	26.07	0.427	0.426	0.405
20		75	0	26.24	26.02	26.11	0.421	0.400	0.408
20	DFT-s-OFDM 16QAM	1	1	26.00	25.14	26.36	0.398	0.327	0.433
20	DFT-s-OFDM 64QAM	1	1	24.62	24.58	24.71	0.290	0.287	0.296
20	DFT-s-OFDM 256QAM	1	1	22.55	22.14	22.54	0.180	0.164	0.179
Channel				371500	376000	380500	371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5	1857.5	1880	1902.5
15	DFT-s-OFDM PI/2 BPSK	1	1	26.06	26.46	24.53	0.404	0.443	0.284
Channel				371000	376000	381000	371000	376000	381000
Frequency (MHz)				1855	1880	1905	1855	1880	1905
10	DFT-s-OFDM PI/2 BPSK	1	1	25.78	26.08	24.82	0.378	0.406	0.303
Channel				370500	376000	381500	370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5	1852.5	1880	1907.5
5	DFT-s-OFDM PI/2 BPSK	1	1	26.01	26.34	25.39	0.399	0.431	0.346



Channel				372000	376000	380000	372000	376000	380000
Frequency (MHz)				1860	1880	1900	1860	1880	1900
20	CP-OFDM QPSK	1	1	24.09	23.31	23.17	0.256	0.214	0.207
20	CP-OFDM 16QAM	1	1	23.85	23.08	22.91	0.243	0.203	0.195
20	CP-OFDM 64QAM	1	1	22.54	21.72	21.57	0.179	0.149	0.144
20	CP-OFDM 256QAM	1	1	20.42	19.64	19.42	0.110	0.092	0.087



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	20.70	20.72	20.70	0.117	0.118	0.117
20		1	39	20.64	20.51	20.28	0.116	0.112	0.107
20		1	77	20.30	20.26	20.31	0.107	0.106	0.107
20		36	1	20.28	20.32	20.30	0.107	0.108	0.107
20		36	18	20.38	20.41	20.36	0.109	0.110	0.109
20		36	36	20.01	20.00	20.08	0.100	0.100	0.102
20		75	0	20.08	20.08	19.98	0.102	0.102	0.100
20	DFT-s-OFDM QPSK	1	1	20.73	20.72	20.62	0.118	0.118	0.115
20		1	39	20.56	20.52	20.30	0.114	0.113	0.107
20		1	77	20.34	20.28	20.28	0.108	0.107	0.107
20		36	1	19.90	20.14	20.06	0.098	0.103	0.101
20		36	18	20.39	20.35	20.28	0.109	0.108	0.107
20		36	36	20.08	20.29	20.05	0.102	0.107	0.101
20		75	0	19.66	19.63	19.51	0.092	0.092	0.089
20	DFT-s-OFDM 16QAM	1	1	20.08	19.95	20.06	0.102	0.099	0.101
20	DFT-s-OFDM 64QAM	1	1	18.21	18.36	18.32	0.066	0.069	0.068
20	DFT-s-OFDM 256QAM	1	1	16.22	16.22	16.16	0.042	0.042	0.041
Channel				166300	167300	168300	166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5	831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	20.39	20.39	20.58	0.109	0.109	0.114
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	20.64	20.63	20.28	0.116	0.116	0.107
Channel				165300	167300	169300	165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5	826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	20.42	20.54	20.13	0.110	0.113	0.103



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	19.35	19.41	19.32	0.086	0.087	0.086
20	CP-OFDM 16QAM	1	1	19.21	19.19	19.12	0.083	0.083	0.082
20	CP-OFDM 64QAM	1	1	17.33	17.36	17.32	0.054	0.054	0.054
20	CP-OFDM 256QAM	1	1	14.21	14.21	14.24	0.026	0.026	0.027



DC_66A_N5				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	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	20.73	20.78	20.76	0.118	0.120	0.119
20		1	39	20.64	20.52	20.34	0.116	0.113	0.108
20		1	77	20.36	20.47	20.31	0.109	0.111	0.107
20		36	1	20.44	20.41	20.57	0.111	0.110	0.114
20		36	18	20.58	20.76	20.66	0.114	0.119	0.116
20		36	36	20.35	20.38	20.42	0.108	0.109	0.110
20		75	0	20.22	20.14	20.05	0.105	0.103	0.101
20	DFT-s-OFDM QPSK	1	1	20.58	20.95	20.69	0.114	0.124	0.117
20		1	39	20.62	20.48	20.45	0.115	0.112	0.111
20		1	77	20.47	20.56	20.48	0.111	0.114	0.112
20		36	1	20.05	20.39	20.29	0.101	0.109	0.107
20		36	18	20.42	20.45	20.43	0.110	0.111	0.110
20		36	36	20.39	20.47	20.25	0.109	0.111	0.106
20		75	0	19.81	19.69	19.62	0.096	0.093	0.092
20	DFT-s-OFDM 16QAM	1	1	20.05	20.09	20.00	0.101	0.102	0.100
20	DFT-s-OFDM 64QAM	1	1	18.41	18.43	18.35	0.069	0.070	0.068
20	DFT-s-OFDM 256QAM	1	1	16.14	16.27	16.18	0.041	0.042	0.041
Channel				166300	167300	168300	166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5	831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	20.53	20.55	20.66	0.113	0.114	0.116
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	20.62	20.59	20.29	0.115	0.115	0.107
Channel				165300	167300	169300	165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5	826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	19.98	20.33	20.07	0.100	0.108	0.102



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



DC_2A_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	20.70	20.82	20.81	0.117	0.121	0.121
20		1	39	20.71	20.50	20.39	0.118	0.112	0.109
20		1	77	20.34	20.39	20.38	0.108	0.109	0.109
20		36	1	20.29	20.38	20.34	0.107	0.109	0.108
20		36	18	20.69	20.64	20.70	0.117	0.116	0.117
20		36	36	20.41	20.35	20.42	0.110	0.108	0.110
20		75	0	20.18	20.13	19.99	0.104	0.103	0.100
20	DFT-s-OFDM QPSK	1	1	20.74	20.85	20.72	0.119	0.122	0.118
20		1	39	20.51	20.50	20.31	0.112	0.112	0.107
20		1	77	20.35	20.25	20.26	0.108	0.106	0.106
20		36	1	20.11	20.05	20.13	0.103	0.101	0.103
20		36	18	20.36	20.26	20.46	0.109	0.106	0.111
20		36	36	20.43	20.16	20.14	0.110	0.104	0.103
20		75	0	19.71	19.66	19.58	0.094	0.092	0.091
20	DFT-s-OFDM 16QAM	1	1	20.10	20.15	20.10	0.102	0.104	0.102
20	DFT-s-OFDM 64QAM	1	1	18.33	18.47	18.36	0.068	0.070	0.069
20	DFT-s-OFDM 256QAM	1	1	16.17	16.22	16.19	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 PI/2 BPSK	1	1	20.77	20.68	20.64	0.119	0.117	0.116
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	20.73	20.72	20.32	0.118	0.118	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 PI/2 BPSK	1	1	20.39	20.58	20.09	0.109	0.114	0.102



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	19.43	19.44	19.40	0.088	0.088	0.087
20	CP-OFDM 16QAM	1	1	19.12	19.22	19.08	0.082	0.084	0.081
20	CP-OFDM 64QAM	1	1	17.31	17.37	17.26	0.054	0.055	0.053
20	CP-OFDM 256QAM	1	1	14.25	14.29	14.23	0.027	0.027	0.026



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	20.24	20.30	20.38	0.106	0.107	0.109
20		1	39	20.31	20.39	20.33	0.107	0.109	0.108
20		1	77	20.07	19.98	20.08	0.102	0.100	0.102
20		36	1	20.53	20.34	20.32	0.113	0.108	0.108
20		36	18	20.26	20.28	20.39	0.106	0.107	0.109
20		36	36	20.15	20.14	20.11	0.104	0.103	0.103
20		75	0	20.23	20.22	20.00	0.105	0.105	0.100
20	DFT-s-OFDM QPSK	1	1	20.65	20.89	20.69	0.116	0.123	0.117
20		1	39	20.60	20.46	20.52	0.115	0.111	0.113
20		1	77	20.44	20.56	20.47	0.111	0.114	0.111
20		36	1	20.01	20.08	20.27	0.100	0.102	0.106
20		36	18	20.34	20.28	20.50	0.108	0.107	0.112
20		36	36	20.34	20.39	20.28	0.108	0.109	0.107
20		75	0	19.74	19.71	19.55	0.094	0.094	0.090
20	DFT-s-OFDM 16QAM	1	1	20.15	19.89	20.00	0.104	0.097	0.100
20	DFT-s-OFDM 64QAM	1	1	18.37	18.40	18.45	0.069	0.069	0.070
20	DFT-s-OFDM 256QAM	1	1	16.29	16.22	16.23	0.043	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 PI/2 BPSK	1	1	20.88	20.84	20.64	0.122	0.121	0.116
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	20.68	20.58	20.24	0.117	0.114	0.106
Channel				165300	167300	169300	165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5	826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	20.35	20.71	20.43	0.108	0.118	0.110



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	19.45	19.41	19.43	0.088	0.087	0.088
20	CP-OFDM 16QAM	1	1	19.24	19.30	19.12	0.084	0.085	0.082
20	CP-OFDM 64QAM	1	1	17.31	17.35	17.41	0.054	0.054	0.055
20	CP-OFDM 256QAM	1	1	14.23	14.36	14.30	0.026	0.027	0.027



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	20.79	20.81	20.76	0.120	0.121	0.119
20		1	39	20.75	20.63	20.43	0.119	0.116	0.110
20		1	77	20.53	20.54	20.63	0.113	0.113	0.116
20		36	1	20.37	20.35	20.40	0.109	0.108	0.110
20		36	18	20.23	20.31	20.25	0.105	0.107	0.106
20		36	36	20.26	20.00	20.09	0.106	0.100	0.102
20		75	0	20.23	20.16	20.06	0.105	0.104	0.101
20	DFT-s-OFDM QPSK	1	1	20.79	20.65	20.71	0.120	0.116	0.118
20		1	39	20.59	20.38	20.29	0.115	0.109	0.107
20		1	77	20.37	20.33	20.38	0.109	0.108	0.109
20		36	1	20.57	20.41	20.39	0.114	0.110	0.109
20		36	18	20.82	20.69	20.47	0.121	0.117	0.111
20		36	36	20.66	20.56	20.39	0.116	0.114	0.109
20		75	0	19.79	19.73	19.61	0.095	0.094	0.091
20	DFT-s-OFDM 16QAM	1	1	19.94	20.08	20.08	0.099	0.102	0.102
20	DFT-s-OFDM 64QAM	1	1	18.37	18.49	18.42	0.069	0.071	0.070
20	DFT-s-OFDM 256QAM	1	1	16.19	16.31	16.23	0.042	0.043	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 PI/2 BPSK	1	1	20.81	20.76	20.69	0.121	0.119	0.117
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	20.73	20.68	20.24	0.118	0.117	0.106
Channel				165300	167300	169300	165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5	826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	20.51	20.61	20.31	0.112	0.115	0.107



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	19.44	19.42	19.43	0.088	0.087	0.088
20	CP-OFDM 16QAM	1	1	19.22	19.29	19.21	0.084	0.085	0.083
20	CP-OFDM 64QAM	1	1	17.30	17.43	17.39	0.054	0.055	0.055
20	CP-OFDM 256QAM	1	1	14.34	14.34	14.31	0.027	0.027	0.027



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	20.79	20.78	20.81	0.120	0.120	0.121
20		1	39	20.63	20.53	20.39	0.116	0.113	0.109
20		1	77	20.58	20.47	20.43	0.114	0.111	0.110
20		36	1	20.46	20.34	20.25	0.111	0.108	0.106
20		36	18	20.47	20.62	20.64	0.111	0.115	0.116
20		36	36	20.23	20.18	20.38	0.105	0.104	0.109
20		75	0	20.22	20.17	20.06	0.105	0.104	0.101
20	DFT-s-OFDM QPSK	1	1	20.73	20.75	20.64	0.118	0.119	0.116
20		1	39	20.66	20.39	20.26	0.116	0.109	0.106
20		1	77	20.74	20.62	20.66	0.119	0.115	0.116
20		36	1	20.52	20.71	20.47	0.113	0.118	0.111
20		36	18	20.81	20.73	20.52	0.121	0.118	0.113
20		36	36	20.52	20.42	20.40	0.113	0.110	0.110
20		75	0	19.78	19.76	19.62	0.095	0.095	0.092
20	DFT-s-OFDM 16QAM	1	1	20.00	19.93	20.10	0.100	0.098	0.102
20	DFT-s-OFDM 64QAM	1	1	18.34	18.47	18.36	0.068	0.070	0.069
20	DFT-s-OFDM 256QAM	1	1	16.25	16.30	16.21	0.042	0.043	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 PI/2 BPSK	1	1	20.80	20.78	20.71	0.120	0.120	0.118
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	20.78	20.67	20.28	0.120	0.117	0.107
Channel				165300	167300	169300	165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5	826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	20.43	20.64	20.21	0.110	0.116	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	19.43	19.41	19.42	0.088	0.087	0.087
20	CP-OFDM 16QAM	1	1	19.11	19.18	19.20	0.081	0.083	0.083
20	CP-OFDM 64QAM	1	1	17.29	17.33	17.36	0.054	0.054	0.054
20	CP-OFDM 256QAM	1	1	14.33	14.36	14.29	0.027	0.027	0.027



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	20.77	20.78	20.80	0.119	0.120	0.120
20		1	39	20.56	20.54	20.38	0.114	0.113	0.109
20		1	77	20.39	20.45	20.50	0.109	0.111	0.112
20		36	1	20.40	20.44	20.26	0.110	0.111	0.106
20		36	18	20.64	20.47	20.51	0.116	0.111	0.112
20		36	36	20.43	20.39	20.38	0.110	0.109	0.109
20		75	0	20.19	20.21	20.06	0.104	0.105	0.101
20	DFT-s-OFDM QPSK	1	1	20.59	20.85	20.61	0.115	0.122	0.115
20		1	39	20.61	20.44	20.49	0.115	0.111	0.112
20		1	77	20.47	20.32	20.39	0.111	0.108	0.109
20		36	1	20.48	20.38	20.37	0.112	0.109	0.109
20		36	18	20.70	20.73	20.52	0.117	0.118	0.113
20		36	36	20.49	20.47	20.56	0.112	0.111	0.114
20		75	0	19.69	19.74	19.73	0.093	0.094	0.094
20	DFT-s-OFDM 16QAM	1	1	20.00	20.15	19.95	0.100	0.104	0.099
20	DFT-s-OFDM 64QAM	1	1	18.33	18.47	18.40	0.068	0.070	0.069
20	DFT-s-OFDM 256QAM	1	1	16.18	16.28	16.32	0.041	0.042	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 PI/2 BPSK	1	1	20.82	20.77	20.68	0.121	0.119	0.117
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	20.70	20.67	20.27	0.117	0.117	0.106
Channel				165300	167300	169300	165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5	826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	20.80	20.65	20.42	0.120	0.116	0.110



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	19.39	19.48	19.35	0.087	0.089	0.086
20	CP-OFDM 16QAM	1	1	19.17	19.34	19.24	0.083	0.086	0.084
20	CP-OFDM 64QAM	1	1	17.36	17.39	17.31	0.054	0.055	0.054
20	CP-OFDM 256QAM	1	1	14.28	14.31	14.24	0.027	0.027	0.027



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	20.65	20.63	20.61	0.116	0.116	0.115
20		1	39	20.39	20.55	20.38	0.109	0.114	0.109
20		1	77	20.68	20.55	20.53	0.117	0.114	0.113
20		36	1	20.58	20.40	20.32	0.114	0.110	0.108
20		36	18	20.68	20.66	20.49	0.117	0.116	0.112
20		36	36	20.53	20.36	20.29	0.113	0.109	0.107
20		75	0	19.96	20.14	19.98	0.099	0.103	0.100
20	DFT-s-OFDM QPSK	1	1	20.27	20.68	20.72	0.106	0.117	0.118
20		1	39	20.48	20.51	20.24	0.112	0.112	0.106
20		1	77	20.36	20.23	20.28	0.109	0.105	0.107
20		36	1	20.27	20.18	20.26	0.106	0.104	0.106
20		36	18	20.62	20.67	20.46	0.115	0.117	0.111
20		36	36	20.37	20.23	20.36	0.109	0.105	0.109
20		75	0	19.77	19.72	19.34	0.095	0.094	0.086
20	DFT-s-OFDM 16QAM	1	1	19.90	19.98	20.08	0.098	0.100	0.102
20	DFT-s-OFDM 64QAM	1	1	18.68	18.48	18.36	0.074	0.070	0.069
20	DFT-s-OFDM 256QAM	1	1	16.34	16.23	16.26	0.043	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 PI/2 BPSK	1	1	20.67	20.66	20.60	0.117	0.116	0.115
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	20.35	20.65	20.25	0.108	0.116	0.106
Channel				165300	167300	169300	165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5	826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	20.65	20.62	20.59	0.116	0.115	0.115



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	19.48	19.47	0.087	0.089	0.089
20	CP-OFDM 16QAM	1	1	19.29	19.32	19.15	0.085	0.086	0.082
20	CP-OFDM 64QAM	1	1	17.31	17.41	17.33	0.054	0.055	0.054
20	CP-OFDM 256QAM	1	1	14.29	14.30	14.24	0.027	0.027	0.027



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	20.77	20.80	20.73	0.119	0.120	0.118
20		1	39	20.53	20.46	20.39	0.113	0.111	0.109
20		1	77	20.35	20.36	20.53	0.108	0.109	0.113
20		36	1	20.30	20.26	20.30	0.107	0.106	0.107
20		36	18	20.53	20.66	20.62	0.113	0.116	0.115
20		36	36	20.25	20.38	20.29	0.106	0.109	0.107
20		75	0	20.05	20.21	20.03	0.101	0.105	0.101
20	DFT-s-OFDM QPSK	1	1	20.80	20.83	20.63	0.120	0.121	0.116
20		1	39	20.51	20.45	20.46	0.112	0.111	0.111
20		1	77	20.55	20.46	20.58	0.114	0.111	0.114
20		36	1	20.56	20.49	20.54	0.114	0.112	0.113
20		36	18	20.78	20.64	20.47	0.120	0.116	0.111
20		36	36	20.46	20.53	20.30	0.111	0.113	0.107
20		75	0	19.68	19.72	19.61	0.093	0.094	0.091
20	DFT-s-OFDM 16QAM	1	1	20.00	20.20	20.03	0.100	0.105	0.101
20	DFT-s-OFDM 64QAM	1	1	18.32	18.43	18.40	0.068	0.070	0.069
20	DFT-s-OFDM 256QAM	1	1	16.46	16.31	16.24	0.044	0.043	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 PI/2 BPSK	1	1	20.81	20.77	20.68	0.121	0.119	0.117
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	20.74	20.69	20.27	0.119	0.117	0.106
Channel				165300	167300	169300	165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5	826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	20.77	20.76	20.53	0.119	0.119	0.113



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	19.39	19.51	19.41	0.087	0.089	0.087
20	CP-OFDM 16QAM	1	1	19.18	19.26	19.26	0.083	0.084	0.084
20	CP-OFDM 64QAM	1	1	17.31	17.35	17.30	0.054	0.054	0.054
20	CP-OFDM 256QAM	1	1	14.28	14.33	14.25	0.027	0.027	0.027



DC_2A_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	20.35	20.32	20.23	0.108	0.108	0.105
20		1	39	20.29	20.15	20.12	0.107	0.104	0.103
20		1	77	19.98	20.10	20.12	0.100	0.102	0.103
20		36	1	20.27	20.25	20.16	0.106	0.106	0.104
20		36	18	20.28	20.35	20.26	0.107	0.108	0.106
20		36	36	20.14	19.92	20.00	0.103	0.098	0.100
20		75	0	20.12	20.04	19.92	0.103	0.101	0.098
20	DFT-s-OFDM QPSK	1	1	20.28	20.38	20.18	0.107	0.109	0.104
20		1	39	20.32	20.15	20.19	0.108	0.104	0.104
20		1	77	19.90	19.92	19.89	0.098	0.098	0.097
20		36	1	19.89	20.25	20.24	0.097	0.106	0.106
20		36	18	20.36	20.32	20.16	0.109	0.108	0.104
20		36	36	19.91	19.90	20.10	0.098	0.098	0.102
20		75	0	19.67	19.78	19.88	0.093	0.095	0.097
20	DFT-s-OFDM 16QAM	1	1	19.91	19.96	20.08	0.098	0.099	0.102
20	DFT-s-OFDM 64QAM	1	1	18.05	18.07	17.93	0.064	0.064	0.062
20	DFT-s-OFDM 256QAM	1	1	16.06	16.05	15.97	0.040	0.040	0.040
Channel				166300	167300	168300	166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5	831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	20.25	20.36	20.30	0.106	0.109	0.107
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	20.17	20.03	19.76	0.104	0.101	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 PI/2 BPSK	1	1	20.16	20.26	20.06	0.104	0.106	0.101



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	19.20	19.07	19.32	0.083	0.081	0.086
20	CP-OFDM 16QAM	1	1	19.03	18.96	18.97	0.080	0.079	0.079
20	CP-OFDM 64QAM	1	1	17.16	17.11	17.09	0.052	0.051	0.051
20	CP-OFDM 256QAM	1	1	14.05	14.13	14.03	0.025	0.026	0.025



DC_2A_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	20.51	20.45	20.48	0.112	0.111	0.112
20		1	39	20.49	20.45	20.31	0.112	0.111	0.107
20		1	77	20.06	20.06	20.10	0.101	0.101	0.102
20		36	1	20.23	20.38	20.46	0.105	0.109	0.111
20		36	18	20.39	20.46	20.38	0.109	0.111	0.109
20		36	36	20.08	20.00	20.12	0.102	0.100	0.103
20		75	0	20.08	20.11	20.23	0.102	0.103	0.105
20	DFT-s-OFDM QPSK	1	1	20.53	20.41	20.29	0.113	0.110	0.107
20		1	39	20.24	20.35	20.16	0.106	0.108	0.104
20		1	77	20.11	20.05	20.18	0.103	0.101	0.104
20		36	1	20.15	20.08	20.02	0.104	0.102	0.100
20		36	18	20.37	20.42	20.35	0.109	0.110	0.108
20		36	36	19.96	19.95	19.94	0.099	0.099	0.099
20		75	0	19.90	19.83	19.73	0.098	0.096	0.094
20	DFT-s-OFDM 16QAM	1	1	19.93	19.98	20.17	0.098	0.100	0.104
20	DFT-s-OFDM 64QAM	1	1	18.09	18.09	17.94	0.064	0.064	0.062
20	DFT-s-OFDM 256QAM	1	1	16.09	16.06	16.22	0.041	0.040	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 PI/2 BPSK	1	1	20.24	20.42	20.38	0.106	0.110	0.109
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	20.43	20.51	20.48	0.110	0.112	0.112
Channel				165300	167300	169300	165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5	826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	20.35	20.42	20.41	0.108	0.110	0.110



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	19.13	19.28	19.12	0.082	0.085	0.082
20	CP-OFDM 16QAM	1	1	18.92	19.01	18.87	0.078	0.080	0.077
20	CP-OFDM 64QAM	1	1	17.17	17.13	17.08	0.052	0.052	0.051
20	CP-OFDM 256QAM	1	1	14.17	14.16	14.24	0.026	0.026	0.027



DC_2A_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	20.34	20.50	20.42	0.108	0.112	0.110
20		1	39	20.24	20.35	20.27	0.106	0.108	0.106
20		1	77	20.06	20.02	20.03	0.101	0.100	0.101
20		36	1	20.40	20.27	20.44	0.110	0.106	0.111
20		36	18	20.45	20.51	20.42	0.111	0.112	0.110
20		36	36	20.11	20.26	20.12	0.103	0.106	0.103
20		75	0	20.24	20.18	20.08	0.106	0.104	0.102
20	DFT-s-OFDM QPSK	1	1	20.52	20.56	20.36	0.113	0.114	0.109
20		1	39	20.46	20.26	20.28	0.111	0.106	0.107
20		1	77	20.09	20.14	20.15	0.102	0.103	0.104
20		36	1	20.02	20.01	19.94	0.100	0.100	0.099
20		36	18	20.21	20.34	20.26	0.105	0.108	0.106
20		36	36	20.03	20.02	20.03	0.101	0.100	0.101
20		75	0	20.06	19.94	19.80	0.101	0.099	0.095
20	DFT-s-OFDM 16QAM	1	1	19.85	19.98	20.10	0.097	0.100	0.102
20	DFT-s-OFDM 64QAM	1	1	18.23	18.16	18.08	0.067	0.065	0.064
20	DFT-s-OFDM 256QAM	1	1	15.95	16.15	16.14	0.039	0.041	0.041
Channel				166300	167300	168300	166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5	831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	20.39	20.29	20.21	0.109	0.107	0.105
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	20.35	20.24	20.24	0.108	0.106	0.106
Channel				165300	167300	169300	165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5	826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	20.37	20.36	20.26	0.109	0.109	0.106



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	19.46	19.45	19.43	0.088	0.088	0.088
20	CP-OFDM 16QAM	1	1	18.96	19.14	19.26	0.079	0.082	0.084
20	CP-OFDM 64QAM	1	1	17.04	17.17	17.33	0.051	0.052	0.054
20	CP-OFDM 256QAM	1	1	14.00	14.18	14.25	0.025	0.026	0.027



DC_5A_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	20.38	20.39	20.32	0.109	0.109	0.108
20		1	39	20.26	20.42	20.37	0.106	0.110	0.109
20		1	77	19.94	19.95	19.95	0.099	0.099	0.099
20		36	1	20.43	20.26	20.19	0.110	0.106	0.104
20		36	18	20.36	20.42	20.32	0.109	0.110	0.108
20		36	36	20.05	20.09	20.24	0.101	0.102	0.106
20		75	0	19.96	20.13	20.10	0.099	0.103	0.102
20	DFT-s-OFDM QPSK	1	1	20.63	20.48	20.43	0.116	0.112	0.110
20		1	39	20.54	20.39	20.49	0.113	0.109	0.112
20		1	77	20.30	20.21	20.34	0.107	0.105	0.108
20		36	1	19.90	20.09	20.08	0.098	0.102	0.102
20		36	18	20.38	20.36	20.30	0.109	0.109	0.107
20		36	36	19.93	20.04	19.92	0.098	0.101	0.098
20		75	0	19.97	19.98	20.09	0.099	0.100	0.102
20	DFT-s-OFDM 16QAM	1	1	20.18	20.01	19.85	0.104	0.100	0.097
20	DFT-s-OFDM 64QAM	1	1	20.35	20.17	20.29	0.108	0.104	0.107
20	DFT-s-OFDM 256QAM	1	1	15.91	16.11	16.10	0.039	0.041	0.041
Channel				166300	167300	168300	166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5	831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	20.21	20.36	20.22	0.105	0.109	0.105
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	19.87	20.09	20.05	0.097	0.102	0.101
Channel				165300	167300	169300	165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5	826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	20.09	20.29	20.26	0.102	0.107	0.106



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	20.27	20.18	20.22	0.106	0.104	0.105
20	CP-OFDM 16QAM	1	1	19.77	19.95	20.05	0.095	0.099	0.101
20	CP-OFDM 64QAM	1	1	18.01	18.14	18.18	0.063	0.065	0.066
20	CP-OFDM 256QAM	1	1	16.29	16.11	16.23	0.043	0.041	0.042



DC_13A_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	20.35	20.18	20.24	0.108	0.104	0.106
20		1	39	20.34	20.33	20.55	0.108	0.108	0.114
20		1	77	20.13	20.10	20.06	0.103	0.102	0.101
20		36	1	20.20	20.12	20.26	0.105	0.103	0.106
20		36	18	20.26	20.39	20.41	0.106	0.109	0.110
20		36	36	20.10	20.11	20.43	0.102	0.103	0.110
20		75	0	20.19	20.08	20.03	0.104	0.102	0.101
20	DFT-s-OFDM QPSK	1	1	20.47	20.35	20.40	0.111	0.108	0.110
20		1	39	20.50	20.59	20.61	0.112	0.115	0.115
20		1	77	20.27	20.27	20.48	0.106	0.106	0.112
20		36	1	19.98	20.12	20.14	0.100	0.103	0.103
20		36	18	20.37	20.36	20.20	0.109	0.109	0.105
20		36	36	20.11	19.94	19.95	0.103	0.099	0.099
20		75	0	20.04	20.26	20.28	0.101	0.106	0.107
20	DFT-s-OFDM 16QAM	1	1	19.81	19.92	19.92	0.096	0.098	0.098
20	DFT-s-OFDM 64QAM	1	1	20.39	20.44	20.15	0.109	0.111	0.104
20	DFT-s-OFDM 256QAM	1	1	16.11	16.13	16.26	0.041	0.041	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 PI/2 BPSK	1	1	20.16	20.25	20.26	0.104	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 PI/2 BPSK	1	1	20.14	20.33	20.21	0.103	0.108	0.105
Channel				165300	167300	169300	165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5	826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	20.15	20.12	20.23	0.104	0.103	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	19.26	19.36	19.32	0.084	0.086	0.086
20	CP-OFDM 16QAM	1	1	18.79	19.10	18.88	0.076	0.081	0.077
20	CP-OFDM 64QAM	1	1	18.21	18.31	18.08	0.066	0.068	0.064
20	CP-OFDM 256QAM	1	1	15.99	16.31	16.28	0.040	0.043	0.042



DC_2A_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	20.26	20.16	20.30	0.106	0.104	0.107
20		1	39	20.35	20.38	20.34	0.108	0.109	0.108
20		1	77	19.93	20.07	20.20	0.098	0.102	0.105
20		36	1	20.07	20.01	20.31	0.102	0.100	0.107
20		36	18	20.42	20.29	20.29	0.110	0.107	0.107
20		36	36	20.27	20.02	19.99	0.106	0.100	0.100
20		75	0	20.06	20.14	20.27	0.101	0.103	0.106
20	DFT-s-OFDM QPSK	1	1	20.54	20.40	20.51	0.113	0.110	0.112
20		1	39	20.50	20.52	20.67	0.112	0.113	0.117
20		1	77	20.38	20.39	20.42	0.109	0.109	0.110
20		36	1	20.13	20.05	20.13	0.103	0.101	0.103
20		36	18	20.38	20.35	20.33	0.109	0.108	0.108
20		36	36	19.88	19.91	19.98	0.097	0.098	0.100
20		75	0	20.12	20.24	20.27	0.103	0.106	0.106
20	DFT-s-OFDM 16QAM	1	1	19.88	19.94	19.93	0.097	0.099	0.098
20	DFT-s-OFDM 64QAM	1	1	20.38	20.59	20.34	0.109	0.115	0.108
20	DFT-s-OFDM 256QAM	1	1	16.31	16.21	16.13	0.043	0.042	0.041
Channel				166300	167300	168300	166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5	831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	20.18	20.06	20.16	0.104	0.101	0.104
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	20.24	20.26	20.16	0.106	0.106	0.104
Channel				165300	167300	169300	165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5	826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	20.31	20.30	20.14	0.107	0.107	0.103



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	19.19	19.31	19.45	0.083	0.085	0.088
20	CP-OFDM 16QAM	1	1	18.92	18.91	19.08	0.078	0.078	0.081
20	CP-OFDM 64QAM	1	1	18.25	17.92	18.21	0.067	0.062	0.066
20	CP-OFDM 256QAM	1	1	16.23	16.31	16.11	0.042	0.043	0.041



DC_2A_2A_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	20.44	20.42	20.39	0.111	0.110	0.109
20		1	39	20.34	20.43	20.40	0.108	0.110	0.110
20		1	77	20.11	20.09	20.10	0.103	0.102	0.102
20		36	1	20.15	20.29	20.34	0.104	0.107	0.108
20		36	18	20.31	20.48	20.43	0.107	0.112	0.110
20		36	36	20.07	20.07	20.10	0.102	0.102	0.102
20		75	0	20.21	20.17	20.22	0.105	0.104	0.105
20	DFT-s-OFDM QPSK	1	1	20.42	20.49	20.40	0.110	0.112	0.110
20		1	39	20.30	20.28	20.39	0.107	0.107	0.109
20		1	77	20.19	20.07	20.03	0.104	0.102	0.101
20		36	1	19.96	19.86	19.85	0.099	0.097	0.097
20		36	18	20.31	20.18	20.18	0.107	0.104	0.104
20		36	36	19.83	19.91	19.98	0.096	0.098	0.100
20		75	0	19.98	19.84	19.70	0.100	0.096	0.093
20	DFT-s-OFDM 16QAM	1	1	20.08	20.07	20.04	0.102	0.102	0.101
20	DFT-s-OFDM 64QAM	1	1	18.07	18.26	18.46	0.064	0.067	0.070
20	DFT-s-OFDM 256QAM	1	1	16.18	16.12	15.98	0.041	0.041	0.040
Channel				166300	167300	168300	166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5	831.5	836.5	841.5
15	DFT-s-OFDM PI/2 BPSK	1	1	20.31	20.37	20.33	0.107	0.109	0.108
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	20.24	20.35	20.18	0.106	0.108	0.104
Channel				165300	167300	169300	165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5	826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	19.90	20.29	20.10	0.098	0.107	0.102



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	19.38	19.36	19.21	0.087	0.086	0.083
20	CP-OFDM 16QAM	1	1	18.97	19.05	19.21	0.079	0.080	0.083
20	CP-OFDM 64QAM	1	1	17.18	17.17	17.20	0.052	0.052	0.052
20	CP-OFDM 256QAM	1	1	14.10	14.14	14.29	0.026	0.026	0.027



DC_2A-2A-5A-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	21.00	20.97	20.91	0.126	0.125	0.123
20		1	39	20.92	20.91	20.70	0.124	0.123	0.117
20		1	77	20.62	20.58	19.88	0.115	0.114	0.097
20		36	1	20.65	20.56	20.56	0.116	0.114	0.114
20		36	18	21.03	20.87	21.00	0.127	0.122	0.126
20		36	36	20.46	20.33	20.31	0.111	0.108	0.107
20		75	0	20.54	20.43	20.36	0.113	0.110	0.109
20	DFT-s-OFDM QPSK	1	1	21.04	20.92	20.84	0.127	0.124	0.121
20		1	39	20.85	20.83	20.63	0.122	0.121	0.116
20		1	77	20.49	20.35	19.84	0.112	0.108	0.096
20		36	1	20.25	20.07	20.09	0.106	0.102	0.102
20		36	18	20.96	20.96	20.94	0.125	0.125	0.124
20		36	36	19.94	19.88	19.73	0.099	0.097	0.094
20		75	0	20.09	19.96	19.87	0.102	0.099	0.097
20	DFT-s-OFDM 16QAM	1	1	20.36	20.32	20.23	0.109	0.108	0.105
20	DFT-s-OFDM 64QAM	1	1	18.69	18.66	18.55	0.074	0.073	0.072
20	DFT-s-OFDM 256QAM	1	1	16.54	16.47	16.34	0.045	0.044	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 PI/2 BPSK	1	1	21.02	20.98	21.00	0.126	0.125	0.126
Channel				165800	167300	168800	165800	167300	168800
Frequency (MHz)				829	836.5	844	829	836.5	844
10	DFT-s-OFDM PI/2 BPSK	1	1	20.99	20.88	20.59	0.126	0.122	0.115
Channel				165300	167300	169300	165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5	826.5	836.5	846.5
5	DFT-s-OFDM PI/2 BPSK	1	1	21.02	20.92	20.57	0.126	0.124	0.114



Channel				166800	167300	167800	166800	167300	167800
Frequency (MHz)				834	836.5	839	834	836.5	839
20	CP-OFDM QPSK	1	1	19.69	19.67	19.56	0.093	0.093	0.090
20	CP-OFDM 16QAM	1	1	19.49	19.53	19.47	0.089	0.090	0.089
20	CP-OFDM 64QAM	1	1	17.69	17.52	17.55	0.059	0.056	0.057
20	CP-OFDM 256QAM	1	1	14.77	14.54	14.55	0.030	0.028	0.029



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	26.62	26.97	26.92	0.459	0.498	0.492
20		1	39	27.06	27.09	26.90	0.508	0.512	0.490
20		1	77	26.85	26.96	27.06	0.484	0.497	0.508
20		36	1	26.88	26.87	26.90	0.488	0.486	0.490
20		36	18	26.96	27.27	27.16	0.497	0.533	0.520
20		36	36	27.15	27.19	27.28	0.519	0.524	0.535
20		75	0	26.54	26.84	26.79	0.451	0.483	0.478
20	DFT-s-OFDM QPSK	1	1	26.99	27.29	26.84	0.500	0.536	0.483
20		1	39	27.00	27.21	27.13	0.501	0.526	0.516
20		1	77	26.85	27.16	27.15	0.484	0.520	0.519
20		36	1	26.97	26.99	26.90	0.498	0.500	0.490
20		36	18	27.16	27.28	26.92	0.520	0.535	0.492
20		36	36	27.08	27.28	27.25	0.511	0.535	0.531
20		75	0	26.08	26.37	26.35	0.406	0.434	0.432
20	DFT-s-OFDM 16QAM	1	1	25.99	26.24	26.17	0.397	0.421	0.414
20	DFT-s-OFDM 64QAM	1	1	24.23	24.56	24.43	0.265	0.286	0.277
20	DFT-s-OFDM 256QAM	1	1	22.31	22.46	22.57	0.170	0.176	0.181
Channel				343500	349000	354500	343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5	1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	25.83	26.24	26.07	0.383	0.421	0.405
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	25.86	26.30	26.32	0.385	0.427	0.429
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	26.36	26.41	26.15	0.433	0.438	0.412



Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
20	CP-OFDM QPSK	1	1	24.39	24.69	24.66	0.275	0.294	0.292
20	CP-OFDM 16QAM	1	1	24.31	24.47	24.44	0.270	0.280	0.278
20	CP-OFDM 64QAM	1	1	22.40	22.60	22.56	0.174	0.182	0.180
20	CP-OFDM 256QAM	1	1	19.13	19.39	19.30	0.082	0.087	0.085



DC_2A_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	26.62	26.71	26.93	0.459	0.469	0.493
20		1	39	26.51	26.70	26.65	0.448	0.468	0.462
20		1	77	26.96	26.90	26.78	0.497	0.490	0.476
20		36	1	26.36	26.39	26.41	0.433	0.436	0.438
20		36	18	26.47	26.70	26.58	0.444	0.468	0.455
20		36	36	26.67	26.66	26.50	0.465	0.463	0.447
20		75	0	26.34	26.43	26.20	0.431	0.440	0.417
20	DFT-s-OFDM QPSK	1	1	26.70	27.06	26.76	0.468	0.508	0.474
20		1	39	26.68	26.59	26.63	0.466	0.456	0.460
20		1	77	26.95	26.71	26.58	0.495	0.469	0.455
20		36	1	26.78	26.83	26.69	0.476	0.482	0.467
20		36	18	26.85	26.65	26.55	0.484	0.462	0.452
20		36	36	26.73	26.79	26.48	0.471	0.478	0.445
20		75	0	25.85	25.87	25.82	0.385	0.386	0.382
20	DFT-s-OFDM 16QAM	1	1	26.09	26.03	26.39	0.406	0.401	0.436
20	DFT-s-OFDM 64QAM	1	1	24.19	24.23	24.51	0.262	0.265	0.282
20	DFT-s-OFDM 256QAM	1	1	22.12	22.20	22.41	0.163	0.166	0.174
Channel				343500	349000	354500	343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5	1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	26.73	26.52	26.69	0.471	0.449	0.467
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	26.74	26.60	26.55	0.472	0.457	0.452
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	26.69	26.46	26.75	0.467	0.443	0.473



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



DC_2A_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	26.80	26.70	26.82	0.479	0.468	0.481
20		1	39	26.62	26.75	26.59	0.459	0.473	0.456
20		1	77	27.05	26.98	26.90	0.507	0.499	0.490
20		36	1	26.35	26.47	26.51	0.432	0.444	0.448
20		36	18	26.57	26.38	26.47	0.454	0.435	0.444
20		36	36	26.66	26.60	26.59	0.463	0.457	0.456
20		75	0	21.87	21.97	22.00	0.154	0.157	0.158
20	DFT-s-OFDM QPSK	1	1	26.76	26.92	26.72	0.474	0.492	0.470
20		1	39	26.71	26.78	26.77	0.469	0.476	0.475
20		1	77	26.99	27.14	27.10	0.500	0.518	0.513
20		36	1	26.72	26.64	26.67	0.470	0.461	0.465
20		36	18	26.54	26.56	26.58	0.451	0.453	0.455
20		36	36	26.70	26.59	26.79	0.468	0.456	0.478
20		75	0	25.81	25.94	25.64	0.381	0.393	0.366
20	DFT-s-OFDM 16QAM	1	1	25.99	25.98	26.12	0.397	0.396	0.409
20	DFT-s-OFDM 64QAM	1	1	24.27	24.11	24.39	0.267	0.258	0.275
20	DFT-s-OFDM 256QAM	1	1	22.26	22.13	22.22	0.168	0.163	0.167
Channel				343500	349000	354500	343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5	1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	26.75	26.68	26.78	0.473	0.466	0.476
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	26.79	26.80	26.66	0.478	0.479	0.463
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	26.78	26.72	26.76	0.476	0.470	0.474



Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
20	CP-OFDM QPSK	1	1	25.45	25.25	25.53	0.351	0.335	0.357
20	CP-OFDM 16QAM	1	1	25.13	25.07	25.30	0.326	0.321	0.339
20	CP-OFDM 64QAM	1	1	23.34	23.29	23.45	0.216	0.213	0.221
20	CP-OFDM 256QAM	1	1	20.29	20.30	20.21	0.107	0.107	0.105



DC_2A_2A_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	26.80	26.86	26.83	0.479	0.485	0.482
20		1	39	26.51	26.64	26.75	0.448	0.461	0.473
20		1	77	26.81	26.94	26.92	0.480	0.494	0.492
20		36	1	26.36	26.42	26.49	0.433	0.439	0.446
20		36	18	26.74	26.66	26.67	0.472	0.463	0.465
20		36	36	26.70	26.72	26.78	0.468	0.470	0.476
20		75	0	26.00	26.31	26.50	0.398	0.428	0.447
20	DFT-s-OFDM QPSK	1	1	26.83	27.01	26.91	0.482	0.502	0.491
20		1	39	26.66	26.51	26.61	0.463	0.448	0.458
20		1	77	26.91	26.93	26.67	0.491	0.493	0.465
20		36	1	26.66	26.58	26.55	0.463	0.455	0.452
20		36	18	26.58	26.71	26.71	0.455	0.469	0.469
20		36	36	26.80	26.81	26.72	0.479	0.480	0.470
20		75	0	25.88	25.76	25.88	0.387	0.377	0.387
20	DFT-s-OFDM 16QAM	1	1	26.04	26.00	26.21	0.402	0.398	0.418
20	DFT-s-OFDM 64QAM	1	1	24.28	24.20	24.49	0.268	0.263	0.281
20	DFT-s-OFDM 256QAM	1	1	22.25	22.08	22.35	0.168	0.161	0.172
Channel				343500	349000	354500	343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5	1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	26.79	26.86	26.71	0.478	0.485	0.469
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	26.80	26.63	26.56	0.479	0.460	0.453
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	26.70	26.54	26.67	0.468	0.451	0.465



Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
20	CP-OFDM QPSK	1	1	25.31	25.38	25.57	0.340	0.345	0.361
20	CP-OFDM 16QAM	1	1	25.25	25.25	25.61	0.335	0.335	0.364
20	CP-OFDM 64QAM	1	1	23.16	23.34	23.46	0.207	0.216	0.222
20	CP-OFDM 256QAM	1	1	20.26	20.23	20.46	0.106	0.105	0.111



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	26.89	26.87	26.46	0.489	0.486	0.443
20		1	39	26.73	26.81	26.70	0.471	0.480	0.468
20		1	77	26.71	26.86	26.55	0.469	0.485	0.452
20		36	1	26.60	26.50	26.54	0.457	0.447	0.451
20		36	18	26.79	26.60	26.66	0.478	0.457	0.463
20		36	36	26.73	26.72	26.78	0.471	0.470	0.476
20		75	0	26.84	26.43	26.36	0.483	0.440	0.433
20	DFT-s-OFDM QPSK	1	1	26.72	26.79	26.92	0.470	0.478	0.492
20		1	39	26.64	26.58	26.45	0.461	0.455	0.442
20		1	77	26.91	26.91	26.79	0.491	0.491	0.478
20		36	1	26.86	26.70	26.77	0.485	0.468	0.475
20		36	18	26.78	26.66	26.75	0.476	0.463	0.473
20		36	36	26.75	26.73	26.67	0.473	0.471	0.465
20		75	0	25.92	25.86	25.90	0.391	0.385	0.389
20	DFT-s-OFDM 16QAM	1	1	25.90	25.99	26.36	0.389	0.397	0.433
20	DFT-s-OFDM 64QAM	1	1	24.24	24.27	24.46	0.265	0.267	0.279
20	DFT-s-OFDM 256QAM	1	1	22.10	22.33	22.38	0.162	0.171	0.173
Channel				343500	349000	354500	343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5	1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	26.82	26.69	26.70	0.481	0.467	0.468
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	26.76	26.55	26.69	0.474	0.452	0.467
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	26.71	26.58	26.72	0.469	0.455	0.470



Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
20	CP-OFDM QPSK	1	1	25.49	25.41	25.65	0.354	0.348	0.367
20	CP-OFDM 16QAM	1	1	25.40	25.26	25.42	0.347	0.336	0.348
20	CP-OFDM 64QAM	1	1	23.37	23.33	23.58	0.217	0.215	0.228
20	CP-OFDM 256QAM	1	1	20.29	20.33	20.55	0.107	0.108	0.114



DC_13A_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	25.94	25.99	25.95	0.393	0.397	0.394
20		1	39	26.37	26.39	26.40	0.434	0.436	0.437
20		1	77	26.11	25.97	25.98	0.408	0.395	0.396
20		36	1	26.05	26.03	26.11	0.403	0.401	0.408
20		36	18	26.36	26.27	26.48	0.433	0.424	0.445
20		36	36	26.33	26.27	26.35	0.430	0.424	0.432
20		75	0	25.88	25.81	25.77	0.387	0.381	0.378
20	DFT-s-OFDM QPSK	1	1	26.02	26.10	26.20	0.400	0.407	0.417
20		1	39	26.22	26.24	26.06	0.419	0.421	0.404
20		1	77	25.90	25.83	25.92	0.389	0.383	0.391
20		36	1	26.16	26.11	26.22	0.413	0.408	0.419
20		36	18	26.41	26.49	26.36	0.438	0.446	0.433
20		36	36	26.20	26.21	26.38	0.417	0.418	0.435
20		75	0	25.36	25.16	25.55	0.344	0.328	0.359
20	DFT-s-OFDM 16QAM	1	1	25.21	25.41	25.10	0.332	0.348	0.324
20	DFT-s-OFDM 64QAM	1	1	23.45	23.63	23.60	0.221	0.231	0.229
20	DFT-s-OFDM 256QAM	1	1	21.53	21.54	21.63	0.142	0.143	0.146
Channel				343500	349000	354500	343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5	1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	25.89	25.96	25.91	0.388	0.394	0.390
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	25.91	26.06	26.21	0.390	0.404	0.418
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	25.80	25.85	26.26	0.380	0.385	0.423



Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
20	CP-OFDM QPSK	1	1	24.62	24.58	24.55	0.290	0.287	0.285
20	CP-OFDM 16QAM	1	1	24.37	24.36	24.47	0.274	0.273	0.280
20	CP-OFDM 64QAM	1	1	22.61	22.63	22.54	0.182	0.183	0.179
20	CP-OFDM 256QAM	1	1	19.36	19.43	19.26	0.086	0.088	0.084



DC_13A_66A_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	25.98	26.04	25.99	0.396	0.402	0.397
20		1	39	26.43	26.34	26.43	0.440	0.431	0.440
20		1	77	26.20	26.24	26.20	0.417	0.421	0.417
20		36	1	25.89	25.97	26.08	0.388	0.395	0.406
20		36	18	26.20	26.24	26.06	0.417	0.421	0.404
20		36	36	26.12	26.30	26.17	0.409	0.427	0.414
20		75	0	25.91	26.05	25.87	0.390	0.403	0.386
20	DFT-s-OFDM QPSK	1	1	26.00	26.07	26.17	0.398	0.405	0.414
20		1	39	26.14	26.29	26.31	0.411	0.426	0.428
20		1	77	26.47	26.27	26.11	0.444	0.424	0.408
20		36	1	26.08	26.16	26.22	0.406	0.413	0.419
20		36	18	26.29	26.39	26.55	0.426	0.436	0.452
20		36	36	26.39	26.37	26.48	0.436	0.434	0.445
20		75	0	25.64	25.49	25.35	0.366	0.354	0.343
20	DFT-s-OFDM 16QAM	1	1	25.43	25.46	25.47	0.349	0.352	0.352
20	DFT-s-OFDM 64QAM	1	1	23.62	23.71	23.66	0.230	0.235	0.232
20	DFT-s-OFDM 256QAM	1	1	21.64	21.61	21.68	0.146	0.145	0.147
Channel				343500	349000	354500	343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5	1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	26.26	26.28	26.22	0.423	0.425	0.419
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	26.26	26.31	26.28	0.423	0.428	0.425
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	26.18	26.36	26.26	0.415	0.433	0.423



Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
20	CP-OFDM QPSK	1	1	24.86	24.85	24.79	0.306	0.305	0.301
20	CP-OFDM 16QAM	1	1	24.59	24.61	24.76	0.288	0.289	0.299
20	CP-OFDM 64QAM	1	1	22.96	23.03	22.83	0.198	0.201	0.192
20	CP-OFDM 256QAM	1	1	20.09	20.01	20.13	0.102	0.100	0.103



DC_2A-2A-5A-66A-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	26.51	26.61	26.85	0.448	0.458	0.484
20		1	39	26.98	27.04	26.52	0.499	0.506	0.449
20		1	77	27.00	27.26	27.20	0.501	0.532	0.525
20		36	1	26.55	26.35	26.32	0.452	0.432	0.429
20		36	18	26.83	27.18	26.99	0.482	0.522	0.500
20		36	36	26.91	27.14	26.96	0.491	0.518	0.497
20		75	0	26.59	26.78	26.74	0.456	0.476	0.472
20	DFT-s-OFDM QPSK	1	1	26.40	26.97	26.74	0.437	0.498	0.472
20		1	39	27.03	26.91	26.60	0.505	0.491	0.457
20		1	77	27.22	27.25	27.09	0.527	0.531	0.512
20		36	1	26.39	26.65	26.54	0.436	0.462	0.451
20		36	18	27.19	27.07	26.89	0.524	0.509	0.489
20		36	36	27.19	27.25	27.09	0.524	0.531	0.512
20		75	0	26.73	27.03	26.82	0.471	0.505	0.481
20	DFT-s-OFDM 16QAM	1	1	25.65	25.53	26.19	0.367	0.357	0.416
20	DFT-s-OFDM 64QAM	1	1	24.93	24.88	25.59	0.311	0.308	0.362
20	DFT-s-OFDM 256QAM	1	1	22.81	23.26	23.47	0.191	0.212	0.222
Channel				343500	349000	354500	343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5	1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	26.73	26.72	26.69	0.471	0.470	0.467
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	26.42	26.31	26.40	0.439	0.428	0.437
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	26.69	27.00	26.84	0.467	0.501	0.483



Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
20	CP-OFDM QPSK	1	1	25.44	25.53	25.29	0.350	0.357	0.338
20	CP-OFDM 16QAM	1	1	24.36	24.34	24.58	0.273	0.272	0.287
20	CP-OFDM 64QAM	1	1	22.98	23.38	23.14	0.199	0.218	0.206
20	CP-OFDM 256QAM	1	1	20.90	21.03	21.55	0.123	0.127	0.143



DC_2A-2A-13A-66A-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	26.89	26.73	26.96	0.489	0.471	0.497
20		1	39	27.07	27.14	26.90	0.509	0.518	0.490
20		1	77	27.04	27.15	27.22	0.506	0.519	0.527
20		36	1	26.66	26.65	26.62	0.463	0.462	0.459
20		36	18	27.17	27.05	27.05	0.521	0.507	0.507
20		36	36	27.02	27.19	26.84	0.504	0.524	0.483
20		75	0	26.73	27.08	26.75	0.471	0.511	0.473
20	DFT-s-OFDM QPSK	1	1	26.46	26.65	27.03	0.443	0.462	0.505
20		1	39	27.10	26.90	26.58	0.513	0.490	0.455
20		1	77	27.27	27.26	27.02	0.533	0.532	0.504
20		36	1	26.42	26.70	26.77	0.439	0.468	0.475
20		36	18	27.14	27.10	26.83	0.518	0.513	0.482
20		36	36	27.09	27.26	27.03	0.512	0.532	0.505
20		75	0	26.67	27.09	26.82	0.465	0.512	0.481
20	DFT-s-OFDM 16QAM	1	1	25.49	25.48	25.72	0.354	0.353	0.373
20	DFT-s-OFDM 64QAM	1	1	24.78	24.70	25.03	0.301	0.295	0.318
20	DFT-s-OFDM 256QAM	1	1	23.24	23.44	23.52	0.211	0.221	0.225
Channel				343500	349000	354500	343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5	1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	26.57	27.05	26.68	0.454	0.507	0.466
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	26.69	27.02	27.11	0.467	0.504	0.514
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	26.85	26.97	27.18	0.484	0.498	0.522



Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
20	CP-OFDM QPSK	1	1	24.86	24.93	25.59	0.306	0.311	0.362
20	CP-OFDM 16QAM	1	1	24.48	24.94	25.44	0.281	0.312	0.350
20	CP-OFDM 64QAM	1	1	23.09	23.64	24.05	0.204	0.231	0.254
20	CP-OFDM 256QAM	1	1	21.18	21.47	21.56	0.131	0.140	0.143



DC_2A-5B-66A-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	26.54	26.48	27.09	0.451	0.445	0.512
20		1	39	26.48	27.13	26.71	0.445	0.516	0.469
20		1	77	26.76	27.20	27.26	0.474	0.525	0.532
20		36	1	26.81	26.41	26.51	0.480	0.438	0.448
20		36	18	26.57	27.11	26.78	0.454	0.514	0.476
20		36	36	26.97	27.25	26.98	0.498	0.531	0.499
20		75	0	26.87	26.99	26.82	0.486	0.500	0.481
20	DFT-s-OFDM QPSK	1	1	26.78	26.89	27.09	0.476	0.489	0.512
20		1	39	26.77	27.09	26.65	0.475	0.512	0.462
20		1	77	26.65	27.24	27.02	0.462	0.530	0.504
20		36	1	26.78	27.01	26.92	0.476	0.502	0.492
20		36	18	27.20	27.21	27.00	0.525	0.526	0.501
20		36	36	27.25	27.18	27.06	0.531	0.522	0.508
20		75	0	26.80	27.18	26.74	0.479	0.522	0.472
20	DFT-s-OFDM 16QAM	1	1	26.19	26.23	26.76	0.416	0.420	0.474
20	DFT-s-OFDM 64QAM	1	1	25.05	25.39	25.60	0.320	0.346	0.363
20	DFT-s-OFDM 256QAM	1	1	23.16	22.91	23.30	0.207	0.195	0.214
Channel				343500	349000	354500	343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5	1717.5	1745	1772.5
15	DFT-s-OFDM PI/2 BPSK	1	1	26.90	26.95	27.13	0.490	0.495	0.516
Channel				343000	349000	355000	343000	349000	355000
Frequency (MHz)				1715	1745	1775	1715	1745	1775
10	DFT-s-OFDM PI/2 BPSK	1	1	26.87	27.16	27.11	0.486	0.520	0.514
Channel				342500	349000	355500	342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5	1712.5	1745	1777.5
5	DFT-s-OFDM PI/2 BPSK	1	1	27.16	26.92	27.25	0.520	0.492	0.531



Channel				344000	349000	354000	344000	349000	354000
Frequency (MHz)				1720	1745	1770	1720	1745	1770
20	CP-OFDM QPSK	1	1	25.70	25.62	25.80	0.372	0.365	0.380
20	CP-OFDM 16QAM	1	1	24.88	25.33	25.29	0.308	0.341	0.338
20	CP-OFDM 64QAM	1	1	23.55	23.89	24.11	0.226	0.245	0.258
20	CP-OFDM 256QAM	1	1	20.98	21.29	21.63	0.125	0.135	0.146



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	26.68	26.37	26.02	0.466	0.434	0.400
100		1	39	26.18	26.25	26.08	0.415	0.422	0.406
100		1	77	26.40	26.06	25.82	0.437	0.404	0.382
100		36	1	26.11	26.08	25.83	0.408	0.406	0.383
100		36	18	26.29	26.30	25.77	0.426	0.427	0.378
100		36	36	26.08	25.64	25.84	0.406	0.366	0.384
100		75	0	26.16	25.86	25.75	0.413	0.385	0.376
100	DFT-s-OFDM QPSK	1	1	26.79	26.20	25.98	0.478	0.417	0.396
100		1	39	26.28	26.05	25.89	0.425	0.403	0.388
100		1	77	26.38	26.04	26.01	0.435	0.402	0.399
100		36	1	25.65	25.69	25.89	0.367	0.371	0.388
100		36	18	26.30	26.15	25.96	0.427	0.412	0.394
100		36	36	25.60	25.77	25.80	0.363	0.378	0.380
100		75	0	25.60	25.36	25.18	0.363	0.344	0.330
100	DFT-s-OFDM 16QAM	1	1	26.11	25.82	25.53	0.408	0.382	0.357
100	DFT-s-OFDM 64QAM	1	1	24.09	23.79	23.50	0.256	0.239	0.224
100	DFT-s-OFDM 256QAM	1	1	22.31	22.03	21.53	0.170	0.160	0.142
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	25.49	25.12	24.86	0.354	0.325	0.306
100	CP-OFDM 16QAM	1	1	25.10	24.75	24.38	0.324	0.299	0.274
100	CP-OFDM 64QAM	1	1	23.23	22.77	22.51	0.210	0.189	0.178
100	CP-OFDM 256QAM	1	1	20.67	20.27	19.99	0.117	0.106	0.100



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	25.74	25.46	25.40	0.375	0.352	0.347
100		1	39	25.16	25.77	24.71	0.328	0.378	0.296
100		1	77	24.96	24.85	25.19	0.313	0.305	0.330
100		36	1	25.01	25.42	24.19	0.317	0.348	0.262
100		36	18	25.16	25.82	24.31	0.328	0.382	0.270
100		36	36	24.63	25.05	24.34	0.290	0.320	0.272
100		75	0	24.80	25.22	24.65	0.302	0.333	0.292
100	DFT-s-OFDM QPSK	1	1	26.03	25.49	25.19	0.401	0.354	0.330
100		1	39	24.97	25.79	24.67	0.314	0.379	0.293
100		1	77	24.35	24.33	24.74	0.272	0.271	0.298
100		36	1	24.46	24.85	24.09	0.279	0.305	0.256
100		36	18	25.12	25.86	24.73	0.325	0.385	0.297
100		36	36	24.16	24.72	24.23	0.261	0.296	0.265
100		75	0	24.33	24.83	24.12	0.271	0.304	0.258
100	DFT-s-OFDM 16QAM	1	1	25.06	24.78	24.33	0.321	0.301	0.271
100	DFT-s-OFDM 64QAM	1	1	23.56	22.84	22.57	0.227	0.192	0.181
100	DFT-s-OFDM 256QAM	1	1	21.75	21.16	20.91	0.150	0.131	0.123
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	24.83	24.33	23.92	0.304	0.271	0.247
100	CP-OFDM 16QAM	1	1	24.14	23.71	23.48	0.259	0.235	0.223
100	CP-OFDM 64QAM	1	1	22.35	21.87	21.72	0.172	0.154	0.149
100	CP-OFDM 256QAM	1	1	19.87	19.23	18.97	0.097	0.084	0.079



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	25.96	25.46	25.31	0.394	0.352	0.340
100		1	39	24.91	25.77	24.65	0.310	0.378	0.292
100		1	77	24.87	24.88	25.22	0.307	0.308	0.333
100		36	1	24.97	25.41	24.14	0.314	0.348	0.259
100		36	18	25.06	25.76	24.36	0.321	0.377	0.273
100		36	36	24.72	25.07	24.28	0.296	0.321	0.268
100		75	0	24.91	25.39	24.42	0.310	0.346	0.277
100	DFT-s-OFDM QPSK	1	1	25.98	25.43	25.23	0.396	0.349	0.333
100		1	39	25.05	25.61	24.56	0.320	0.364	0.286
100		1	77	24.54	24.35	24.71	0.284	0.272	0.296
100		36	1	24.45	24.92	24.17	0.279	0.310	0.261
100		36	18	25.05	25.76	24.61	0.320	0.377	0.289
100		36	36	24.37	24.81	24.27	0.274	0.303	0.267
100		75	0	24.45	24.90	24.11	0.279	0.309	0.258
100	DFT-s-OFDM 16QAM	1	1	25.24	24.66	24.28	0.334	0.292	0.268
100	DFT-s-OFDM 64QAM	1	1	23.46	22.62	22.52	0.222	0.183	0.179
100	DFT-s-OFDM 256QAM	1	1	21.72	21.12	20.88	0.149	0.129	0.122
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	24.78	24.05	23.92	0.301	0.254	0.247
100	CP-OFDM 16QAM	1	1	24.47	23.62	23.53	0.280	0.230	0.225
100	CP-OFDM 64QAM	1	1	22.49	21.72	21.59	0.177	0.149	0.144
100	CP-OFDM 256QAM	1	1	19.80	19.45	18.92	0.095	0.088	0.078



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	25.74	25.53	25.40	0.375	0.357	0.347
100		1	39	25.22	25.76	24.75	0.333	0.377	0.299
100		1	77	24.99	24.70	25.11	0.316	0.295	0.324
100		36	1	25.13	25.43	24.08	0.326	0.349	0.256
100		36	18	25.19	25.77	24.36	0.330	0.378	0.273
100		36	36	24.92	24.99	24.18	0.310	0.316	0.262
100		75	0	25.03	25.42	24.30	0.318	0.348	0.269
100	DFT-s-OFDM QPSK	1	1	26.11	25.57	24.44	0.408	0.361	0.278
100		1	39	25.21	25.78	24.70	0.332	0.378	0.295
100		1	77	24.55	24.35	24.72	0.285	0.272	0.296
100		36	1	24.66	24.94	24.10	0.292	0.312	0.257
100		36	18	25.23	25.88	24.53	0.333	0.387	0.284
100		36	36	24.37	24.88	24.35	0.274	0.308	0.272
100		75	0	24.50	24.84	24.18	0.282	0.305	0.262
100	DFT-s-OFDM 16QAM	1	1	25.31	24.65	24.38	0.340	0.292	0.274
100	DFT-s-OFDM 64QAM	1	1	23.31	22.81	22.54	0.214	0.191	0.179
100	DFT-s-OFDM 256QAM	1	1	21.65	21.16	20.97	0.146	0.131	0.125
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	24.88	24.29	23.85	0.308	0.269	0.243
100	CP-OFDM 16QAM	1	1	24.48	23.84	23.57	0.281	0.242	0.228
100	CP-OFDM 64QAM	1	1	22.37	21.80	21.63	0.173	0.151	0.146
100	CP-OFDM 256QAM	1	1	20.17	19.18	18.96	0.104	0.083	0.079



DC_2A-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	25.72	25.57	25.38	0.373	0.361	0.345
100		1	39	24.98	25.89	24.82	0.315	0.388	0.303
100		1	77	24.86	24.90	25.18	0.306	0.309	0.330
100		36	1	24.92	25.47	24.13	0.310	0.352	0.259
100		36	18	24.99	25.81	24.35	0.316	0.381	0.272
100		36	36	24.64	25.07	24.33	0.291	0.321	0.271
100		75	0	24.83	25.39	24.52	0.304	0.346	0.283
100	DFT-s-OFDM QPSK	1	1	26.00	25.50	25.07	0.398	0.355	0.321
100		1	39	24.89	25.70	24.65	0.308	0.372	0.292
100		1	77	24.34	24.36	24.79	0.272	0.273	0.301
100		36	1	24.53	24.98	24.19	0.284	0.315	0.262
100		36	18	25.16	25.92	24.71	0.328	0.391	0.296
100		36	36	24.34	24.83	24.38	0.272	0.304	0.274
100		75	0	24.48	24.93	24.19	0.281	0.311	0.262
100	DFT-s-OFDM 16QAM	1	1	25.45	24.64	24.33	0.351	0.291	0.271
100	DFT-s-OFDM 64QAM	1	1	23.43	22.91	22.45	0.220	0.195	0.176
100	DFT-s-OFDM 256QAM	1	1	21.76	21.19	21.00	0.150	0.132	0.126
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	24.89	24.10	23.91	0.308	0.257	0.246
100	CP-OFDM 16QAM	1	1	24.35	23.85	23.56	0.272	0.243	0.227
100	CP-OFDM 64QAM	1	1	22.41	21.78	21.63	0.174	0.151	0.146
100	CP-OFDM 256QAM	1	1	20.19	19.19	19.01	0.104	0.083	0.080



DC_2A-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	25.49	25.39	25.38	0.354	0.346	0.345
100		1	39	25.07	25.80	24.83	0.321	0.380	0.304
100		1	77	24.96	24.90	25.11	0.313	0.309	0.324
100		36	1	24.89	25.35	24.12	0.308	0.343	0.258
100		36	18	24.99	25.80	24.33	0.316	0.380	0.271
100		36	36	24.66	25.06	24.21	0.292	0.321	0.264
100		75	0	24.87	25.37	24.49	0.307	0.344	0.281
100	DFT-s-OFDM QPSK	1	1	26.01	25.51	24.95	0.399	0.356	0.313
100		1	39	24.90	25.81	24.49	0.309	0.381	0.281
100		1	77	24.28	24.29	24.61	0.268	0.269	0.289
100		36	1	24.54	24.94	24.19	0.284	0.312	0.262
100		36	18	25.18	25.93	24.64	0.330	0.392	0.291
100		36	36	24.38	24.88	24.35	0.274	0.308	0.272
100		75	0	24.47	24.91	24.17	0.280	0.310	0.261
100	DFT-s-OFDM 16QAM	1	1	25.19	24.65	24.32	0.330	0.292	0.270
100	DFT-s-OFDM 64QAM	1	1	23.41	22.77	22.43	0.219	0.189	0.175
100	DFT-s-OFDM 256QAM	1	1	21.69	21.19	21.00	0.148	0.132	0.126
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	24.67	24.18	23.78	0.293	0.262	0.239
100	CP-OFDM 16QAM	1	1	24.44	23.82	23.45	0.278	0.241	0.221
100	CP-OFDM 64QAM	1	1	22.34	21.81	21.59	0.171	0.152	0.144
100	CP-OFDM 256QAM	1	1	20.16	19.29	18.99	0.104	0.085	0.079



DC_2A-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	25.98	25.60	24.71	0.396	0.363	0.296
100		1	39	25.00	25.96	24.40	0.316	0.394	0.275
100		1	77	24.96	24.93	24.43	0.313	0.311	0.277
100		36	1	24.92	25.58	23.93	0.310	0.361	0.247
100		36	18	25.12	26.00	24.26	0.325	0.398	0.267
100		36	36	24.77	24.84	24.17	0.300	0.305	0.261
100		75	0	24.83	25.45	24.58	0.304	0.351	0.287
100	DFT-s-OFDM QPSK	1	1	26.08	25.54	25.31	0.406	0.358	0.340
100		1	39	25.02	25.76	24.69	0.318	0.377	0.294
100		1	77	24.38	24.52	24.89	0.274	0.283	0.308
100		36	1	24.54	25.02	24.26	0.284	0.318	0.267
100		36	18	25.16	25.97	24.66	0.328	0.395	0.292
100		36	36	24.35	24.95	24.42	0.272	0.313	0.277
100		75	0	24.58	25.00	24.24	0.287	0.316	0.265
100	DFT-s-OFDM 16QAM	1	1	25.25	24.84	24.25	0.335	0.305	0.266
100	DFT-s-OFDM 64QAM	1	1	23.37	22.93	22.45	0.217	0.196	0.176
100	DFT-s-OFDM 256QAM	1	1	21.79	21.22	21.69	0.151	0.132	0.148
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	25.09	23.98	23.73	0.323	0.250	0.236
100	CP-OFDM 16QAM	1	1	24.72	23.63	23.39	0.296	0.231	0.218
100	CP-OFDM 64QAM	1	1	22.58	21.74	21.53	0.181	0.149	0.142
100	CP-OFDM 256QAM	1	1	19.97	19.59	19.08	0.099	0.091	0.081



DC_5A-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	26.11	25.55	25.48	0.408	0.359	0.353
100		1	39	25.07	25.85	24.88	0.321	0.385	0.308
100		1	77	24.92	24.87	25.29	0.310	0.307	0.338
100		36	1	25.06	25.46	24.16	0.321	0.352	0.261
100		36	18	25.04	25.88	24.41	0.319	0.387	0.276
100		36	36	24.84	25.10	24.30	0.305	0.324	0.269
100		75	0	24.90	25.35	24.76	0.309	0.343	0.299
100	DFT-s-OFDM QPSK	1	1	26.12	25.61	25.40	0.409	0.364	0.347
100		1	39	25.10	25.81	24.81	0.324	0.381	0.303
100		1	77	24.43	24.32	24.84	0.277	0.270	0.305
100		36	1	24.45	24.94	24.17	0.279	0.312	0.261
100		36	18	25.14	25.91	24.68	0.327	0.390	0.294
100		36	36	24.31	24.89	24.40	0.270	0.308	0.275
100		75	0	24.40	24.88	24.19	0.275	0.308	0.262
100	DFT-s-OFDM 16QAM	1	1	25.38	24.73	24.47	0.345	0.297	0.280
100	DFT-s-OFDM 64QAM	1	1	23.44	22.87	22.63	0.221	0.194	0.183
100	DFT-s-OFDM 256QAM	1	1	21.79	21.13	21.00	0.151	0.130	0.126
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	24.97	24.18	23.96	0.314	0.262	0.249
100	CP-OFDM 16QAM	1	1	24.29	23.83	23.49	0.269	0.242	0.223
100	CP-OFDM 64QAM	1	1	22.63	21.94	21.68	0.183	0.156	0.147
100	CP-OFDM 256QAM	1	1	20.13	19.49	19.07	0.103	0.089	0.081



DC_13A-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	25.66	25.54	25.40	0.368	0.358	0.347
100		1	39	25.07	25.86	24.74	0.321	0.385	0.298
100		1	77	25.05	24.96	25.13	0.320	0.313	0.326
100		36	1	25.23	25.50	24.14	0.333	0.355	0.259
100		36	18	25.13	25.70	24.36	0.326	0.372	0.273
100		36	36	25.01	24.98	24.21	0.317	0.315	0.264
100		75	0	25.10	25.53	24.45	0.324	0.357	0.279
100	DFT-s-OFDM QPSK	1	1	26.04	25.51	24.95	0.402	0.356	0.313
100		1	39	25.11	25.84	24.55	0.324	0.384	0.285
100		1	77	24.60	24.51	24.70	0.288	0.282	0.295
100		36	1	24.65	25.03	24.16	0.292	0.318	0.261
100		36	18	25.22	25.84	24.61	0.333	0.384	0.289
100		36	36	24.46	24.90	24.43	0.279	0.309	0.277
100		75	0	24.64	24.99	24.28	0.291	0.316	0.268
100	DFT-s-OFDM 16QAM	1	1	25.47	24.79	24.43	0.352	0.301	0.277
100	DFT-s-OFDM 64QAM	1	1	23.41	22.92	22.34	0.219	0.196	0.171
100	DFT-s-OFDM 256QAM	1	1	21.86	21.28	20.98	0.153	0.134	0.125
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	24.86	24.11	23.85	0.306	0.258	0.243
100	CP-OFDM 16QAM	1	1	24.46	23.79	23.55	0.279	0.239	0.226
100	CP-OFDM 64QAM	1	1	22.51	21.82	21.66	0.178	0.152	0.147
100	CP-OFDM 256QAM	1	1	19.87	19.34	19.10	0.097	0.086	0.081



DC_66A-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	26.23	25.72	25.39	0.420	0.373	0.346
100		1	39	25.33	26.03	24.87	0.341	0.401	0.307
100		1	77	24.90	24.81	25.05	0.309	0.303	0.320
100		36	1	25.29	25.60	24.06	0.338	0.363	0.255
100		36	18	25.31	25.53	24.25	0.340	0.357	0.266
100		36	36	25.01	24.84	24.18	0.317	0.305	0.262
100		75	0	25.16	25.53	24.43	0.328	0.357	0.277
100	DFT-s-OFDM QPSK	1	1	26.28	25.67	25.29	0.425	0.369	0.338
100		1	39	25.34	25.89	24.75	0.342	0.388	0.299
100		1	77	24.62	24.59	24.86	0.290	0.288	0.306
100		36	1	24.73	25.05	24.13	0.297	0.320	0.259
100		36	18	25.28	26.03	24.59	0.337	0.401	0.288
100		36	36	24.56	24.95	24.46	0.286	0.313	0.279
100		75	0	24.66	25.01	24.13	0.292	0.317	0.259
100	DFT-s-OFDM 16QAM	1	1	25.47	24.76	24.25	0.352	0.299	0.266
100	DFT-s-OFDM 64QAM	1	1	23.80	23.03	22.49	0.240	0.201	0.177
100	DFT-s-OFDM 256QAM	1	1	21.86	21.28	21.08	0.153	0.134	0.128
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	25.02	24.04	23.72	0.318	0.254	0.236
100	CP-OFDM 16QAM	1	1	24.41	23.57	23.29	0.276	0.228	0.213
100	CP-OFDM 64QAM	1	1	22.64	21.85	21.63	0.184	0.153	0.146
100	CP-OFDM 256QAM	1	1	20.12	19.35	19.19	0.103	0.086	0.083



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	25.94	25.67	25.33	0.393	0.369	0.341
100		1	39	25.11	25.85	24.79	0.324	0.385	0.301
100		1	77	24.91	24.84	25.05	0.310	0.305	0.320
100		36	1	25.09	25.43	24.26	0.323	0.349	0.267
100		36	18	25.06	25.81	24.52	0.321	0.381	0.283
100		36	36	24.79	25.08	24.28	0.301	0.322	0.268
100		75	0	24.89	25.46	24.57	0.308	0.352	0.286
100	DFT-s-OFDM QPSK	1	1	26.16	25.62	25.46	0.413	0.365	0.352
100		1	39	25.01	25.86	24.69	0.317	0.385	0.294
100		1	77	24.38	24.41	24.89	0.274	0.276	0.308
100		36	1	24.47	25.02	24.18	0.280	0.318	0.262
100		36	18	25.17	25.91	24.63	0.329	0.390	0.290
100		36	36	24.24	24.89	24.46	0.265	0.308	0.279
100		75	0	24.43	24.81	24.36	0.277	0.303	0.273
100	DFT-s-OFDM 16QAM	1	1	25.26	24.84	24.24	0.336	0.305	0.265
100	DFT-s-OFDM 64QAM	1	1	23.45	22.81	22.38	0.221	0.191	0.173
100	DFT-s-OFDM 256QAM	1	1	21.81	21.23	21.14	0.152	0.133	0.130
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	25.16	24.08	23.73	0.328	0.256	0.236
100	CP-OFDM 16QAM	1	1	24.69	23.60	23.39	0.294	0.229	0.218
100	CP-OFDM 64QAM	1	1	22.66	21.75	21.52	0.185	0.150	0.142
100	CP-OFDM 256QAM	1	1	20.03	19.70	19.09	0.101	0.093	0.081



DC_2A-5A-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	26.19	25.74	25.38	0.416	0.375	0.345
100		1	39	25.24	26.06	24.86	0.334	0.404	0.306
100		1	77	25.13	24.70	25.02	0.326	0.295	0.318
100		36	1	25.10	25.65	24.10	0.324	0.367	0.257
100		36	18	25.20	25.71	24.42	0.331	0.372	0.277
100		36	36	24.99	24.99	24.21	0.316	0.316	0.264
100		75	0	25.11	25.58	24.56	0.324	0.361	0.286
100	DFT-s-OFDM QPSK	1	1	26.20	25.74	25.02	0.417	0.375	0.318
100		1	39	25.23	25.96	24.64	0.333	0.394	0.291
100		1	77	24.68	24.58	24.81	0.294	0.287	0.303
100		36	1	24.71	25.09	24.26	0.296	0.323	0.267
100		36	18	25.24	25.90	24.66	0.334	0.389	0.292
100		36	36	24.50	25.00	24.45	0.282	0.316	0.279
100		75	0	24.61	25.08	24.43	0.289	0.322	0.277
100	DFT-s-OFDM 16QAM	1	1	25.46	24.88	24.28	0.352	0.308	0.268
100	DFT-s-OFDM 64QAM	1	1	23.49	23.06	22.42	0.223	0.202	0.175
100	DFT-s-OFDM 256QAM	1	1	21.77	21.40	21.17	0.150	0.138	0.131
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	24.72	24.18	23.79	0.296	0.262	0.239
100	CP-OFDM 16QAM	1	1	24.32	23.69	23.44	0.270	0.234	0.221
100	CP-OFDM 64QAM	1	1	22.37	21.85	21.57	0.173	0.153	0.144
100	CP-OFDM 256QAM	1	1	20.07	19.47	19.13	0.102	0.089	0.082



DC_2A-13A-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	26.17	25.94	25.03	0.414	0.393	0.318
100		1	39	25.26	25.95	24.69	0.336	0.394	0.294
100		1	77	25.12	24.52	24.77	0.325	0.283	0.300
100		36	1	25.25	25.58	24.19	0.335	0.361	0.262
100		36	18	25.34	25.45	24.42	0.342	0.351	0.277
100		36	36	24.99	24.76	24.27	0.316	0.299	0.267
100		75	0	25.10	25.52	24.55	0.324	0.356	0.285
100	DFT-s-OFDM QPSK	1	1	26.25	25.96	25.37	0.422	0.394	0.344
100		1	39	25.30	25.86	24.82	0.339	0.385	0.303
100		1	77	24.67	24.41	24.95	0.293	0.276	0.313
100		36	1	24.82	25.14	24.24	0.303	0.327	0.265
100		36	18	25.35	26.01	24.69	0.343	0.399	0.294
100		36	36	24.54	24.90	24.53	0.284	0.309	0.284
100		75	0	24.64	25.05	24.45	0.291	0.320	0.279
100	DFT-s-OFDM 16QAM	1	1	25.49	24.92	24.28	0.354	0.310	0.268
100	DFT-s-OFDM 64QAM	1	1	23.49	23.16	22.43	0.223	0.207	0.175
100	DFT-s-OFDM 256QAM	1	1	21.81	21.46	21.09	0.152	0.140	0.129
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	24.71	24.20	23.81	0.296	0.263	0.240
100	CP-OFDM 16QAM	1	1	24.21	23.72	23.50	0.264	0.236	0.224
100	CP-OFDM 64QAM	1	1	22.40	21.88	21.60	0.174	0.154	0.145
100	CP-OFDM 256QAM	1	1	20.10	19.45	19.18	0.102	0.088	0.083



DC_2A-66A-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	26.39	25.77	24.82	0.436	0.378	0.303
100		1	39	25.46	26.07	24.46	0.352	0.405	0.279
100		1	77	24.90	24.88	24.51	0.309	0.308	0.282
100		36	1	25.34	25.64	24.01	0.342	0.366	0.252
100		36	18	25.40	26.13	24.52	0.347	0.410	0.283
100		36	36	25.04	25.07	24.44	0.319	0.321	0.278
100		75	0	25.19	25.54	24.79	0.330	0.358	0.301
100	DFT-s-OFDM QPSK	1	1	26.40	25.64	25.11	0.437	0.366	0.324
100		1	39	25.38	25.85	24.71	0.345	0.385	0.296
100		1	77	24.68	24.50	24.88	0.294	0.282	0.308
100		36	1	24.78	25.05	24.40	0.301	0.320	0.275
100		36	18	25.41	26.04	24.74	0.348	0.402	0.298
100		36	36	24.61	24.96	24.58	0.289	0.313	0.287
100		75	0	24.67	25.02	24.43	0.293	0.318	0.277
100	DFT-s-OFDM 16QAM	1	1	25.45	24.61	24.33	0.351	0.289	0.271
100	DFT-s-OFDM 64QAM	1	1	23.44	22.97	22.33	0.221	0.198	0.171
100	DFT-s-OFDM 256QAM	1	1	22.08	21.27	21.15	0.161	0.134	0.130
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	24.81	23.51	23.50	0.303	0.224	0.224
100	CP-OFDM 16QAM	1	1	24.48	23.31	23.32	0.281	0.214	0.215
100	CP-OFDM 64QAM	1	1	22.56	21.80	21.58	0.180	0.151	0.144
100	CP-OFDM 256QAM	1	1	19.83	19.38	19.36	0.096	0.087	0.086



DC_5A-66A-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	26.28	25.79	25.30	0.425	0.379	0.339
100		1	39	25.43	26.12	24.87	0.349	0.409	0.307
100		1	77	24.60	25.81	24.99	0.288	0.381	0.316
100		36	1	25.31	25.70	24.10	0.340	0.372	0.257
100		36	18	25.41	25.77	24.45	0.348	0.378	0.279
100		36	36	24.99	24.75	24.19	0.316	0.299	0.262
100		75	0	25.23	25.61	24.70	0.333	0.364	0.295
100	DFT-s-OFDM QPSK	1	1	26.41	25.60	25.00	0.438	0.363	0.316
100		1	39	25.41	25.98	24.62	0.348	0.396	0.290
100		1	77	24.78	24.49	24.75	0.301	0.281	0.299
100		36	1	24.86	25.15	24.24	0.306	0.327	0.265
100		36	18	25.44	26.07	24.47	0.350	0.405	0.280
100		36	36	24.64	25.04	24.47	0.291	0.319	0.280
100		75	0	24.75	25.13	24.36	0.299	0.326	0.273
100	DFT-s-OFDM 16QAM	1	1	25.56	24.67	24.01	0.360	0.293	0.252
100	DFT-s-OFDM 64QAM	1	1	23.60	22.80	22.23	0.229	0.191	0.167
100	DFT-s-OFDM 256QAM	1	1	23.10	21.34	21.14	0.204	0.136	0.130
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	24.91	24.17	23.45	0.310	0.261	0.221
100	CP-OFDM 16QAM	1	1	24.36	23.85	23.13	0.273	0.243	0.206
100	CP-OFDM 64QAM	1	1	22.58	21.97	21.36	0.181	0.157	0.137
100	CP-OFDM 256QAM	1	1	20.16	19.31	19.14	0.104	0.085	0.082



DC_13A-66A-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	25.29	25.42	24.74	0.338	0.348	0.298
100		1	39	25.34	25.88	24.32	0.342	0.387	0.270
100		1	77	24.92	24.42	24.35	0.310	0.277	0.272
100		36	1	25.39	25.49	23.84	0.346	0.354	0.242
100		36	18	25.28	25.50	24.30	0.337	0.355	0.269
100		36	36	25.13	24.80	24.27	0.326	0.302	0.267
100		75	0	25.18	25.60	24.65	0.330	0.363	0.292
100	DFT-s-OFDM QPSK	1	1	26.12	25.67	25.10	0.409	0.369	0.324
100		1	39	25.29	25.86	24.59	0.338	0.385	0.288
100		1	77	24.46	24.66	24.79	0.279	0.292	0.301
100		36	1	24.86	25.18	24.26	0.306	0.330	0.267
100		36	18	25.32	25.94	24.51	0.340	0.393	0.282
100		36	36	24.66	25.09	24.52	0.292	0.323	0.283
100		75	0	24.71	25.11	24.32	0.296	0.324	0.270
100	DFT-s-OFDM 16QAM	1	1	25.12	24.98	24.25	0.325	0.315	0.266
100	DFT-s-OFDM 64QAM	1	1	23.42	23.22	22.34	0.220	0.210	0.171
100	DFT-s-OFDM 256QAM	1	1	21.94	21.39	21.13	0.156	0.138	0.130
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	24.36	24.33	23.53	0.273	0.271	0.225
100	CP-OFDM 16QAM	1	1	23.89	23.89	23.23	0.245	0.245	0.210
100	CP-OFDM 64QAM	1	1	23.00	22.24	21.41	0.200	0.167	0.138
100	CP-OFDM 256QAM	1	1	20.49	19.50	19.32	0.112	0.089	0.086



DC_2A-2A-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	25.86	25.89	25.21	0.385	0.388	0.332
100		1	39	26.00	25.98	24.77	0.398	0.396	0.300
100		1	77	24.61	24.66	24.89	0.289	0.292	0.308
100		36	1	25.72	25.67	24.00	0.373	0.369	0.251
100		36	18	25.96	25.69	24.31	0.394	0.371	0.270
100		36	36	24.75	24.77	24.15	0.299	0.300	0.260
100		75	0	25.58	25.63	24.64	0.361	0.366	0.291
100	DFT-s-OFDM QPSK	1	1	25.78	25.49	24.88	0.378	0.354	0.308
100		1	39	25.93	25.85	24.52	0.392	0.385	0.283
100		1	77	24.62	24.45	24.67	0.290	0.279	0.293
100		36	1	25.19	25.11	24.19	0.330	0.324	0.262
100		36	18	25.75	26.07	24.51	0.376	0.405	0.282
100		36	36	25.03	25.04	24.49	0.318	0.319	0.281
100		75	0	25.11	25.12	24.36	0.324	0.325	0.273
100	DFT-s-OFDM 16QAM	1	1	24.88	24.57	23.95	0.308	0.286	0.248
100	DFT-s-OFDM 64QAM	1	1	23.17	22.67	22.12	0.207	0.185	0.163
100	DFT-s-OFDM 256QAM	1	1	21.43	21.41	21.10	0.139	0.138	0.129
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	23.74	24.07	23.71	0.237	0.255	0.235
100	CP-OFDM 16QAM	1	1	23.52	23.83	23.48	0.225	0.242	0.223
100	CP-OFDM 64QAM	1	1	21.55	21.91	21.74	0.143	0.155	0.149
100	CP-OFDM 256QAM	1	1	19.89	19.37	23.10	0.097	0.086	0.204



DC_66A-66A-66A_N77				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddleC 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	26.34	25.86	24.63	0.431	0.385	0.290
100		1	39	25.48	26.13	24.28	0.353	0.410	0.268
100		1	77	24.60	24.69	24.34	0.288	0.294	0.272
100		36	1	25.09	25.69	23.81	0.323	0.371	0.240
100		36	18	25.37	25.78	24.33	0.344	0.378	0.271
100		36	36	24.94	25.83	24.27	0.312	0.383	0.267
100		75	0	25.26	25.60	24.65	0.336	0.363	0.292
100	DFT-s-OFDM QPSK	1	1	26.44	25.76	25.18	0.441	0.377	0.330
100		1	39	25.34	25.97	24.66	0.342	0.395	0.292
100		1	77	24.82	24.66	24.87	0.303	0.292	0.307
100		36	1	24.84	25.13	24.27	0.305	0.326	0.267
100		36	18	25.49	26.12	24.61	0.354	0.409	0.289
100		36	36	24.67	25.00	24.55	0.293	0.316	0.285
100		75	0	24.78	25.09	24.27	0.301	0.323	0.267
100	DFT-s-OFDM 16QAM	1	1	25.44	24.83	24.25	0.350	0.304	0.266
100	DFT-s-OFDM 64QAM	1	1	23.63	23.02	22.41	0.231	0.200	0.174
100	DFT-s-OFDM 256QAM	1	1	22.14	21.27	21.17	0.164	0.134	0.131
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	24.34	23.67	23.33	0.272	0.233	0.215
100	CP-OFDM 16QAM	1	1	24.04	23.42	23.16	0.254	0.220	0.207
100	CP-OFDM 64QAM	1	1	23.08	21.51	21.29	0.203	0.142	0.135
100	CP-OFDM 256QAM	1	1	20.52	19.79	19.33	0.113	0.095	0.086



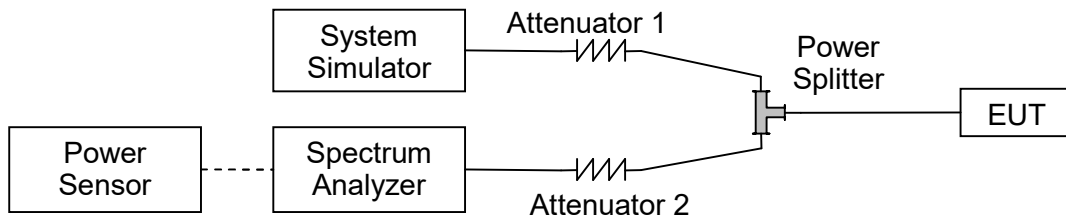
DC_2A-2A-5A_N77				Measured EIRP					
BW [MHz]	Modulation	RB Size	RB Offset	LowCh. /Freq.	MiddlC h./Freq.	HighCh . / Freq.	LowCh. / EIRP	MiddleC h./EIRP	HighCh . / EIRP
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
				dBm			W		
100	DFT-s-OFDM PI/2 BPSK	1	1	26.10	25.85	25.24	0.407	0.385	0.334
100		1	39	25.30	26.13	24.79	0.339	0.410	0.301
100		1	77	24.46	24.62	24.94	0.279	0.290	0.312
100		36	1	25.23	25.63	24.05	0.333	0.366	0.254
100		36	18	25.40	25.68	24.36	0.347	0.370	0.273
100		36	36	24.89	24.71	24.12	0.308	0.296	0.258
100		75	0	25.30	25.67	24.53	0.339	0.369	0.284
100	DFT-s-OFDM QPSK	1	1	26.47	25.78	24.87	0.444	0.378	0.307
100		1	39	25.43	26.04	24.52	0.349	0.402	0.283
100		1	77	24.75	24.62	24.67	0.299	0.290	0.293
100		36	1	24.91	25.13	24.04	0.310	0.326	0.254
100		36	18	25.43	26.06	24.37	0.349	0.404	0.274
100		36	36	24.65	25.11	24.49	0.292	0.324	0.281
100		75	0	24.78	25.12	24.35	0.301	0.325	0.272
100	DFT-s-OFDM 16QAM	1	1	25.42	24.91	23.93	0.348	0.310	0.247
100	DFT-s-OFDM 64QAM	1	1	23.63	23.11	22.11	0.231	0.205	0.163
100	DFT-s-OFDM 256QAM	1	1	22.16	21.47	21.18	0.164	0.140	0.131
Channel				650000	656000	662000	650000	656000	662000
Frequency (MHz)				3750	3840	3930	3750	3840	3930
100	CP-OFDM QPSK	1	1	24.67	24.12	23.52	0.293	0.258	0.225
100	CP-OFDM 16QAM	1	1	24.43	23.83	23.27	0.277	0.242	0.212
100	CP-OFDM 64QAM	1	1	22.50	21.91	21.43	0.178	0.155	0.139
100	CP-OFDM 256QAM	1	1	19.94	19.64	19.17	0.099	0.092	0.083

2.2. Occupied Bandwidth

2.2.1. Requirement

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

2.2.2. Test Description



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

2.2.3. Test procedure

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



2.2.4. Test Result

DC 13A_N66					
BW(MHz)	ChannelLevel	Modulation		99% BW(MHz)	26dB BW(MHz)
5	Low	DFT-s-OFDM	PI/2 BPSK	4.52	4.73
	Low		QPSK	4.52	4.69
	Low		16QAM	4.51	4.68
	Low		64QAM	4.51	4.68
	Low		256QAM	4.52	4.70
	Low	CP-OFDM	QPSK	4.54	4.68
	Mid	DFT-s-OFDM	PI/2 BPSK	4.46	4.69
	Mid		QPSK	4.54	4.72
	Mid		16QAM	4.48	4.70
	Mid		64QAM	4.51	4.65
	Mid		256QAM	4.44	4.66
	Mid	CP-OFDM	QPSK	4.49	4.65
	High	DFT-s-OFDM	PI/2 BPSK	4.47	4.72
	High		QPSK	4.54	4.70
	High		16QAM	4.46	4.65
	High		64QAM	4.44	4.65
	High		256QAM	4.50	4.68
	High	CP-OFDM	QPSK	4.50	4.66
10	Low	DFT-s-OFDM	PI/2 BPSK	9.08	9.40
	Low		QPSK	8.98	9.27
	Low		16QAM	8.91	9.35
	Low		64QAM	8.92	9.34
	Low		256QAM	9.07	9.35
	Low	CP-OFDM	QPSK	9.27	9.68
	Mid	DFT-s-OFDM	PI/2 BPSK	9.08	9.40
	Mid		QPSK	9.11	9.40
	Mid		16QAM	9.10	9.40
	Mid		64QAM	9.08	9.42
	Mid		256QAM	9.02	9.38
	Mid	CP-OFDM	QPSK	9.27	9.68
	High	DFT-s-OFDM	PI/2 BPSK	9.02	9.33
	High		QPSK	9.00	9.36
	High		16QAM	8.99	9.31



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



	High	CP-OFDM	QPSK	19.25	19.90
DC 66A_N2					
BW(MHz)	ChannelLevel	Modulation		99% BW(MHz)	26dB BW(MHz)
5	Low	DFT-s-OFDM	PI/2 BPSK	4.52	4.73
	Low		QPSK	4.52	4.69
	Low		16QAM	4.51	4.68
	Low		64QAM	4.51	4.68
	Low		256QAM	4.52	4.70
	Low	CP-OFDM	QPSK	4.54	4.68
	Mid	DFT-s-OFDM	PI/2 BPSK	4.46	4.69
	Mid		QPSK	4.54	4.72
	Mid		16QAM	4.48	4.70
	Mid		64QAM	4.51	4.65
	Mid		256QAM	4.44	4.66
	Mid	CP-OFDM	QPSK	4.49	4.65
	High	DFT-s-OFDM	PI/2 BPSK	4.47	4.72
	High		QPSK	4.54	4.70
	High		16QAM	4.46	4.65
	High		64QAM	4.44	4.65
	High		256QAM	4.50	4.68
	High	CP-OFDM	QPSK	4.50	4.66
10	Low	DFT-s-OFDM	PI/2 BPSK	9.08	9.40
	Low		QPSK	8.98	9.27
	Low		16QAM	8.91	9.35
	Low		64QAM	8.92	9.34
	Low		256QAM	9.07	9.35
	Low	CP-OFDM	QPSK	9.27	9.68
	Mid	DFT-s-OFDM	PI/2 BPSK	9.08	9.40
	Mid		QPSK	9.11	9.40
	Mid		16QAM	9.10	9.40
	Mid		64QAM	9.08	9.42
	Mid		256QAM	9.02	9.38
	Mid	CP-OFDM	QPSK	9.27	9.68
	High	DFT-s-OFDM	PI/2 BPSK	9.02	9.33
	High		QPSK	9.00	9.36
	High		16QAM	8.99	9.31
	High		64QAM	9.11	9.42
High					



	High		256QAM	9.04	9.30
	High	CP-OFDM	QPSK	9.21	9.60
15	Low	DFT-s-OFDM	PI/2 BPSK	13.59	14.09
	Low		QPSK	13.61	14.03
	Low		16QAM	13.64	14.10
	Low		64QAM	13.25	14.07
	Low		256QAM	13.61	14.02
	Low	CP-OFDM	QPSK	14.00	14.78
	Mid	DFT-s-OFDM	PI/2 BPSK	13.68	14.17
	Mid		QPSK	13.55	14.15
	Mid		16QAM	13.47	14.08
	Mid		64QAM	13.43	14.16
	Mid		256QAM	13.71	14.07
	Mid	CP-OFDM	QPSK	14.32	14.83
	High	DFT-s-OFDM	PI/2 BPSK	13.61	14.09
	High		QPSK	13.50	14.12
	High		16QAM	13.55	14.01
	High		64QAM	13.34	13.87
	High		256QAM	13.43	13.94
	High	CP-OFDM	QPSK	14.34	14.76
20	Low	DFT-s-OFDM	PI/2 BPSK	17.89	18.83
	Low		QPSK	18.14	18.73
	Low		16QAM	17.99	18.74
	Low		64QAM	17.93	18.84
	Low		256QAM	18.13	18.79
	Low	CP-OFDM	QPSK	19.24	19.77
	Mid	DFT-s-OFDM	PI/2 BPSK	18.00	18.75
	Mid		QPSK	18.10	18.74
	Mid		16QAM	18.14	18.76
	Mid		64QAM	18.12	18.68
	Mid		256QAM	18.11	18.69
	Mid	CP-OFDM	QPSK	19.19	19.79
	High	DFT-s-OFDM	PI/2 BPSK	17.97	18.84
	High		QPSK	17.84	18.75
	High		16QAM	18.23	18.81
	High		64QAM	18.10	18.68
	High		256QAM	18.17	18.73
	High	CP-OFDM	QPSK	19.25	19.90



DC 66A_N5					
BW(MHz)	ChannelLevel	Modulation		99% BW(MHz)	26dB BW(MHz)
5	Low	DFT-s-OFDM	PI/2 BPSK	4.46	4.74
	Low		QPSK	4.53	4.72
	Low		16QAM	4.51	4.69
	Low		64QAM	4.52	4.69
	Low		256QAM	4.50	4.69
	Low	CP-OFDM	QPSK	4.46	4.71
	Mid	DFT-s-OFDM	PI/2 BPSK	4.46	4.68
	Mid		QPSK	4.51	4.77
	Mid		16QAM	4.48	4.68
	Mid		64QAM	4.53	4.73
	Mid		256QAM	4.50	4.67
	Mid	CP-OFDM	QPSK	4.53	4.70
	High	DFT-s-OFDM	PI/2 BPSK	4.56	4.79
	High		QPSK	4.47	4.73
	High		16QAM	4.52	4.73
	High		64QAM	4.44	4.63
	High		256QAM	4.52	4.65
	High	CP-OFDM	QPSK	4.49	4.71
10	Low	DFT-s-OFDM	PI/2 BPSK	8.99	9.35
	Low		QPSK	9.08	9.41
	Low		16QAM	9.10	9.39
	Low		64QAM	9.09	9.38
	Low		256QAM	8.84	9.24
	Low	CP-OFDM	QPSK	9.31	9.70
	Mid	DFT-s-OFDM	PI/2 BPSK	9.05	9.39
	Mid		QPSK	9.09	9.44
	Mid		16QAM	8.99	9.36
	Mid		64QAM	8.92	9.42
	Mid		256QAM	9.05	9.39
	Mid	CP-OFDM	QPSK	9.31	9.73
	High	DFT-s-OFDM	PI/2 BPSK	9.02	9.40
	High		QPSK	8.97	9.37
	High		16QAM	9.09	9.42
	High		64QAM	9.04	9.33



	High		256QAM	8.94	9.26
	High	CP-OFDM	QPSK	9.34	9.66
15	Low	DFT-s-OFDM	PI/2 BPSK	13.58	14.01
	Low		QPSK	13.41	14.13
	Low		16QAM	13.47	14.26
	Low		64QAM	13.44	13.85
	Low		256QAM	13.43	13.91
	Low	CP-OFDM	QPSK	14.33	14.89
	Mid	DFT-s-OFDM	PI/2 BPSK	13.34	14.09
	Mid		QPSK	13.68	14.11
	Mid		16QAM	13.51	14.01
	Mid		64QAM	13.42	14.15
	Mid		256QAM	13.63	14.08
	Mid	CP-OFDM	QPSK	14.31	14.83
	High	DFT-s-OFDM	PI/2 BPSK	13.39	14.01
	High		QPSK	13.61	14.11
	High		16QAM	13.58	14.10
	High		64QAM	13.64	14.07
	High		256QAM	13.46	14.13
	High	CP-OFDM	QPSK	14.02	14.57
20	Low	DFT-s-OFDM	PI/2 BPSK	17.91	18.81
	Low		QPSK	18.10	18.66
	Low		16QAM	18.03	18.59
	Low		64QAM	18.08	18.73
	Low		256QAM	18.16	18.79
	Low	CP-OFDM	QPSK	19.26	19.84
	Mid	DFT-s-OFDM	PI/2 BPSK	18.05	18.72
	Mid		QPSK	18.11	18.72
	Mid		16QAM	18.07	18.77
	Mid		64QAM	18.06	18.68
	Mid		256QAM	18.07	18.71
	Mid	CP-OFDM	QPSK	19.24	19.79
	High	DFT-s-OFDM	PI/2 BPSK	18.14	18.76
	High		QPSK	18.06	18.62
	High		16QAM	18.17	18.8
	High		64QAM	18.04	18.54
	High		256QAM	18.09	18.76
	High	CP-OFDM	QPSK	19.09	19.79



DC 2A_N77					
BW(MHz)	ChannelLevel	Modulation		99% BW(MHz)	26dB BW(MHz)
100	Low	DFT-s-OFDM	PI/2 BPSK	98.19	101.0
	Low		QPSK	97.78	100.3
	Low		16QAM	97.81	100.7
	Low		64QAM	97.92	100.6
	Low		256QAM	97.48	100.6
	Low	CP-OFDM	QPSK	98.37	100.6
	Mid	DFT-s-OFDM	PI/2 BPSK	96.70	100.4
	Mid		QPSK	97.66	100.7
	Mid		16QAM	97.50	100.5
	Mid		64QAM	97.91	100.9
	Mid		256QAM	97.81	100.6
	Mid	CP-OFDM	QPSK	98.85	101.6
	High	DFT-s-OFDM	PI/2 BPSK	98.36	101.2
	High		QPSK	97.00	101.3
	High		16QAM	97.79	100.5
	High		64QAM	98.50	100.8
	High		256QAM	97.56	99.98
	High	CP-OFDM	QPSK	98.26	101.9