



TEST REPORT

APPLICANT : BLU Products, Inc.

PRODUCT NAME : Smart Phone

MODEL NAME : N4

BRAND NAME : BOLD

FCC ID : YHLBLU4NC

STANDARD(S) : 47 CFR Part 2
47 CFR Part 24
47 CFR Part 27
47 CFR Part 90

RECEIPT DATE : 2025-07-08

TEST DATE : 2025-07- 18 to 2025-08-14

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Change History		
Version	Date	Reason for change
1.0	2025-08-14	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	BLU Products, Inc.
Applicant Address:	8600 NW 36th Street, Suite #300 Miami, FL 33166 USA
Manufacturer:	BLU Products, Inc.
Manufacturer Address:	8600 NW 36th Street, Suite #300 Miami, FL 33166 USA

1.2. Equipment Under Test (EUT) Description

Product Name:	Smart Phone	
Hardware Version:	KX10GF_06	
Software Version:	BOLD_N0090_V15.0.03.00_GENERIC 01-08-2025 21:45	
IMEI:	356963840001126	
Modulation Type:	DFT-s-OFDM	PI/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM
	CP-OFDM	QPSK, 16QAM, 64QAM, 256QAM
SA Band:	n2, n5, n7, n25, n26, n38, n40, n41, n66, n71, n77, n78	
Power Class:	PC2:	n41, n77, n78
	PC3:	n2, n5, n7, n25, n26, n38, n40, n41, n77, n78
	n41	DC_2A_n41, DC_66A_n41
	n71	DC_2A_n71, DC_66A_n71
Frequency Range:	n2	Tx: 1850MHz-1910MHz
		Rx: 1930MHz-1990MHz
	n5	Tx: 824MHz-849MHz
		Rx: 869MHz-894MHz
	n7	Tx: 2500MHz-2570MHz
		Rx: 2620MHz-2690MHz
	n25	Tx: 1850MHz-1915MHz
		Rx: 1930MHz-1995MHz
n26 (enabling bands)	Tx: 814MHz-824MHz	
	Rx: 859MHz-869MHz	
	Tx: 824MHz-849MHz	
	Rx: 869MHz-894MHz	



	n38	Tx: 2570MHz-2620MHz
		Rx: 2570MHz-2620MHz
	n40	Tx: 2305MHz-2315MHz
		Rx: 2305MHz-2315MHz
		Tx: 2350MHz-2360MHz
		Rx: 2350MHz-2360MHz
	n41	Tx: 2496MHz-2690MHz
		Rx: 2496MHz-2690MHz
	n66	Tx: 1710MHz-1780MHz
		Rx: 2110MHz-2200MHz
	n71	Tx: 663MHz-698MHz
		Rx: 617MHz-652MHz
	n77 : (enabling bands)	Tx: 3450MHz-3550MHz
		Rx: 3450MHz-3550MHz
		Tx: 3700MHz-3980MHz
		Rx: 3700MHz-3980MHz
	n78: (enabling bands)	Tx: 3450MHz-3550MHz
		Rx: 3450MHz-3550MHz
		Tx: 3700MHz-3800MHz
		Rx: 3700MHz-3800MHz
cChannel Bandwidth	n2	5MHz, 10MHz, 15MHz, 20MHz
	n5	5MHz, 10MHz, 15MHz, 20MHz
	n7	5MHz, 10MHz, 15MHz, 20MHz, 25MHz, 30MHz, 40MHz
	n25	5MHz, 10MHz, 15MHz, 20MHz, 25MHz, 30MHz, 40MHz
	n26	5MHz, 10MHz, 15MHz, 20MHz
	n38	10MHz, 15MHz, 20MHz, 30MHz, 40MHz
	n40	10MHz
	n41	10MHz, 15MHz, 20MHz, 30MHz, 40MHz, 50MHz, 60MHz, 70MHz, 80MHz, 90MHz, 100MHz
	n66	5MHz, 10MHz, 15MHz, 20MHz, 30MHz, 40MHz
	n71	5MHz, 10MHz, 15MHz, 20MHz
	n77	10MHz, 15MHz, 20MHz, 30MHz, 40MHz, 50MHz, 60MHz, 70MHz, 80MHz, 90MHz, 100MHz
	n78	10MHz, 15MHz, 20MHz, 30MHz, 40MHz, 50MHz, 60MHz, 70MHz, 80MHz, 90MHz, 100MHz

Antenna Type:	IFA Antenna	
Antenna Gain:	n2	-1.80dBi
	n5	-4.80dBi
	n7	-0.90dBi
	n25	-1.60dBi
	n26	-4.30dBi
	n38	-0.90dBi
	n40	-0.90dBi
	n41	-0.90dBi
	n66	-2.90dBi
	n71	-5.00dBi
	n77	-0.60dBi
	n78	-0.60dBi
Accessory Information:	Battery Type1:	
	Brand Name:	BOLD
	Model No.:	C865255500P
	Serial No.:	N/A
	Capacity:	4900mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	Guangdong Highpower New Energy Technology Co. , Ltd.
	AC Adapter :	
	Brand Name:	BOLD
	Model No.:	US-BJ-6625Q
	Serial No.:	N/A
	Rated Input:	100-240V~50/60HZ, 1.6A
	Rated Output:	5V=3000mA or 9V=3000mA or 12V=3000mA or 12V=3000mA or 15V=3000mA or 20V=3250mA or 5-11V=6000mA or 5-20V=3250mA
	Manufacturer:	ShenZhen BaiJunDa Electronics Co., Ltd

Note 1: The EUT description presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information. For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer for more detailed information.

Note 2: n77 and n78 supports both power class 2 and class 3. For Conducted Output Power we recorded the test result of two power classes separately, for other test items we only recorded the worst test result (Class 2) in this report.



Note 3: There is no test for SA n78 due to the band is completely covered by SA n77 and its power level setting also less than SA n77.

Note 4: In the same NR frequency band, The measured power in SA mode is higher than that in NSA mode, SA mode is selected to test all test cases.

1.3. Maximum ERP/EIRP and Emission Designator

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

ERP (dBm) = EIPR (dBm) - 2.15

Worse case:

n2						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
5	PI/2 BPSK	/	/	/	4.4983	4M50G7D
	QPSK	24.25	22.45	0.176	4.5135	4M51G7D
	16QAM	/	/	/	4.4877	4M49W7D
	64QAM	/	/	/	4.5027	4M50W7D
	256QAM	/	/	/	4.4927	4M49W7D
	CP-QPSK	/	/	/	4.4799	4M48G7D
10	PI/2 BPSK	/	/	/	8.9694	8M97G7D
	QPSK	24.16	22.36	0.172	8.9366	8M94G7D
	16QAM	/	/	/	8.9341	8M93W7D
	64QAM	/	/	/	8.9539	8M95W7D
	256QAM	/	/	/	8.9373	8M94W7D
	CP-QPSK	/	/	/	9.2824	9M28G7D
15	PI/2 BPSK	/	/	/	13.439	13M4G7D
	QPSK	24.12	22.32	0.171	13.421	13M4G7D
	16QAM	/	/	/	13.415	13M4W7D
	64QAM	/	/	/	13.43	13M4W7D
	256QAM	/	/	/	13.423	13M4W7D
	CP-QPSK	/	/	/	14.108	14M1G7D
20	PI/2 BPSK	24.15	22.35	0.172	17.893	17M9G7D
	QPSK	24.35	22.55	0.180	17.898	17M9G7D
	16QAM	23.33	21.53	0.142	17.883	17M9W7D
	64QAM	21.72	19.92	0.098	17.912	17M9W7D
	256QAM	19.78	17.98	0.063	17.865	17M9W7D
	CP-QPSK	/	/	/	18.93	18M9G7D



n5						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
5	PI/2 BPSK	/	/	/	4.4966	4M50G7D
	QPSK	23.69	16.74	0.047	4.4973	4M50G7D
	16QAM	/	/	/	4.4842	4M48W7D
	64QAM	/	/	/	4.5043	4M50W7D
	256QAM	/	/	/	4.489	4M49W7D
	CP-QPSK	/	/	/	4.4751	4M48G7D
10	PI/2 BPSK	/	/	/	8.9709	8M97G7D
	QPSK	23.68	16.73	0.047	8.9377	8M94G7D
	16QAM	/	/	/	8.9345	8M93W7D
	64QAM	/	/	/	8.9582	8M96W7D
	256QAM	/	/	/	8.9401	8M94W7D
	CP-QPSK	/	/	/	9.282	9M28G7D
15	PI/2 BPSK	/	/	/	13.443	13M4G7D
	QPSK	23.63	16.68	0.047	13.426	13M4G7D
	16QAM	/	/	/	13.43	13M4W7D
	64QAM	/	/	/	13.446	13M5W7D
	256QAM	/	/	/	13.431	13M4W7D
	CP-QPSK	/	/	/	14.113	14M1G7D
20	PI/2 BPSK	23.65	16.70	0.047	17.909	17M9G7D
	QPSK	24.10	17.15	0.052	17.884	17M9G7D
	16QAM	22.91	15.96	0.039	17.886	17M9W7D
	64QAM	21.42	14.47	0.028	17.925	17M9W7D
	256QAM	19.22	12.27	0.017	17.886	17M9W7D
	CP-QPSK	/	/	/	18.911	18M9G7D

n7						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
5	PI/2 BPSK	/	/	/	4.4898	4M49G7D
	QPSK	23.42	22.52	0.179	4.5003	4M50G7D
	16QAM	/	/	/	4.4861	4M49W7D
	64QAM	/	/	/	4.5068	4M51W7D
	256QAM	/	/	/	4.4914	4M49W7D
	CP-QPSK	/	/	/	4.4782	4M48G7D
10	PI/2 BPSK	/	/	/	8.9695	8M97G7D
	QPSK	23.48	22.58	0.181	8.9417	8M94G7D
	16QAM	/	/	/	8.9386	8M94W7D
	64QAM	/	/	/	8.9572	8M96W7D
	256QAM	/	/	/	8.9352	8M94W7D
	CP-QPSK	/	/	/	9.2912	9M29G7D
15	PI/2 BPSK	/	/	/	13.435	13M4G7D
	QPSK	23.41	22.51	0.178	13.428	13M4G7D
	16QAM	/	/	/	13.42	13M4W7D
	64QAM	/	/	/	13.442	13M4W7D
	256QAM	/	/	/	13.42	13M4W7D
	CP-QPSK	/	/	/	14.118	14M1G7D
20	PI/2 BPSK	/	/	/	17.905	17M9G7D
	QPSK	23.37	22.47	0.177	17.875	17M9G7D
	16QAM	/	/	/	17.892	17M9W7D
	64QAM	/	/	/	17.914	17M9W7D
	256QAM	/	/	/	17.862	17M9W7D
	CP-QPSK	/	/	/	18.934	18M9G7D
25	PI/2 BPSK	/	/	/	22.87	22M9G7D
	QPSK	23.28	22.38	0.173	22.84	22M8G7D
	16QAM	/	/	/	22.836	22M8W7D
	64QAM	/	/	/	22.866	22M9W7D
	256QAM	/	/	/	22.815	22M8W7D
	CP-QPSK	/	/	/	23.693	23M7G7D
30	PI/2 BPSK	/	/	/	28.623	28M6G7D
	QPSK	23.22	22.32	0.171	28.559	28M6G7D
	16QAM	/	/	/	28.566	28M6W7D



	64QAM	/	/	/	28.61	28M6W7D
	256QAM	/	/	/	28.538	28M5W7D
	CP-QPSK	/	/	/	28.571	28M6G7D
40	PI/2 BPSK	23.56	22.66	0.185	38.563	38M6G7D
	QPSK	23.76	22.86	0.193	38.607	38M6G7D
	16QAM	22.68	21.78	0.151	38.504	38M5W7D
	64QAM	21.03	20.13	0.103	38.636	38M6W7D
	256QAM	19.04	18.14	0.065	38.548	38M6W7D
	CP-QPSK	/	/	/	38.587	38M6G7D

n25						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
5	PI/2 BPSK	/	/	/	4.4938	4M49G7D
	QPSK	24.14	22.54	0.179	4.5021	4M50G7D
	16QAM	/	/	/	4.4895	4M49W7D
	64QAM	/	/	/	4.5027	4M50W7D
	256QAM	/	/	/	4.4922	4M49W7D
	CP-QPSK	/	/	/	4.4755	4M48G7D
10	PI/2 BPSK	/	/	/	8.9689	8M97G7D
	QPSK	24.15	22.55	0.180	8.9328	8M93G7D
	16QAM	/	/	/	8.9306	8M93W7D
	64QAM	/	/	/	8.9559	8M96W7D
	256QAM	/	/	/	8.9332	8M93W7D
	CP-QPSK	/	/	/	9.2758	9M28G7D
15	PI/2 BPSK	/	/	/	13.439	13M4G7D
	QPSK	24.16	22.56	0.180	13.437	13M4G7D
	16QAM	/	/	/	13.42	13M4W7D
	64QAM	/	/	/	13.451	13M5W7D
	256QAM	/	/	/	13.43	13M4W7D
	CP-QPSK	/	/	/	14.111	14M1G7D
20	PI/2 BPSK	/	/	/	17.91	17M9G7D
	QPSK	24.14	22.54	0.179	17.885	17M9G7D
	16QAM	/	/	/	17.889	17M9W7D
	64QAM	/	/	/	17.925	17M9W7D
	256QAM	/	/	/	17.877	17M9W7D



	CP-QPSK	/	/	/	18.944	18M9G7D
25	PI/2 BPSK	/	/	/	22.879	22M9G7D
	QPSK	24.03	22.43	0.175	22.848	22M9G7D
	16QAM	/	/	/	22.847	22M9W7D
	64QAM	/	/	/	22.859	22M9W7D
	256QAM	/	/	/	22.837	22M8W7D
	CP-QPSK	/	/	/	23.69	23M7G7D
30	PI/2 BPSK	/	/	/	28.613	28M6G7D
	QPSK	24.06	22.46	0.176	28.548	28M6G7D
	16QAM	/	/	/	28.572	28M6W7D
	64QAM	/	/	/	28.618	28M6W7D
	256QAM	/	/	/	28.543	28M5W7D
	CP-QPSK	/	/	/	28.575	28M6G7D
40	PI/2 BPSK	24.08	22.48	0.177	38.529	38M5G7D
	QPSK	24.20	22.60	0.182	38.584	38M6G7D
	16QAM	23.58	21.98	0.158	38.484	38M5W7D
	64QAM	21.93	20.33	0.108	38.614	38M6W7D
	256QAM	19.95	18.35	0.068	38.534	38M5W7D
	CP-QPSK	/	/	/	38.576	38M6G7D

n26(814-824MHz)						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
5	PI/2 BPSK	/	/	/	4.4948	4M49G7D
	QPSK	23.45	17.00	0.050	4.5004	4M50G7D
	16QAM	/	/	/	4.4883	4M49W7D
	64QAM	/	/	/	4.5047	4M50W7D
	256QAM	/	/	/	4.4919	4M49W7D
	CP-QPSK	/	/	/	4.4759	4M48G7D
10	PI/2 BPSK	23.62	17.17	0.052	8.9632	8M96G7D
	QPSK	24.02	17.57	0.057	8.9249	8M92G7D
	16QAM	22.62	16.17	0.041	8.9219	8M92W7D
	64QAM	21.03	14.58	0.029	8.945	8M95W7D
	256QAM	19.03	12.58	0.018	8.9282	8M93W7D
	CP-QPSK	/	/	/	9.2601	9M26G7D



n26(824-849MHz)						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
5	PI/2 BPSK	/	/	/	4.49	4M49G7D
	QPSK	23.60	17.15	0.052	4.4967	4M50G7D
	16QAM	/	/	/	4.4882	4M49W7D
	64QAM	/	/	/	4.5024	4M50W7D
	256QAM	/	/	/	4.4903	4M49W7D
	CP-QPSK	/	/	/	4.4787	4M48G7D
10	PI/2 BPSK	/	/	/	8.966	8M97G7D
	QPSK	23.64	17.19	0.052	8.9369	8M94G7D
	16QAM	/	/	/	8.9338	8M93W7D
	64QAM	/	/	/	8.9534	8M95W7D
	256QAM	/	/	/	8.9402	8M94W7D
	CP-QPSK	/	/	/	9.2789	9M28G7D
15	PI/2 BPSK	/	/	/	13.441	13M4G7D
	QPSK	23.61	17.16	0.052	13.422	13M4G7D
	16QAM	/	/	/	13.423	13M4W7D
	64QAM	/	/	/	13.451	13M5W7D
	256QAM	/	/	/	13.43	13M4W7D
	CP-QPSK	/	/	/	14.122	14M1G7D
20	PI/2 BPSK	23.64	17.19	0.052	17.892	17M9G7D
	QPSK	24.11	17.66	0.058	17.884	17M9G7D
	16QAM	22.88	16.43	0.044	17.877	17M9W7D
	64QAM	21.42	14.97	0.031	17.915	17M9W7D
	256QAM	19.22	12.77	0.019	17.884	17M9W7D
	CP-QPSK	/	/	/	18.92	18M9G7D



n38						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
10	PI/2 BPSK	/	/	/	8.6157	8M62G7D
	QPSK	23.93	23.03	0.201	8.587	8M59G7D
	16QAM	/	/	/	8.5873	8M59W7D
	64QAM	/	/	/	8.617	8M62W7D
	256QAM	/	/	/	8.5834	8M58W7D
	CP-QPSK	/	/	/	8.598	8M60G7D
15	PI/2 BPSK	/	/	/	12.907	12M9G7D
	QPSK	23.92	23.02	0.200	12.883	12M9G7D
	16QAM	/	/	/	12.871	12M9W7D
	64QAM	/	/	/	12.916	12M9W7D
	256QAM	/	/	/	12.838	12M8W7D
	CP-QPSK	/	/	/	12.889	12M9G7D
20	PI/2 BPSK	/	/	/	17.904	17M9G7D
	QPSK	23.81	22.91	0.195	17.912	17M9G7D
	16QAM	/	/	/	17.861	17M9W7D
	64QAM	/	/	/	17.908	17M9W7D
	256QAM	/	/	/	17.864	17M9W7D
	CP-QPSK	/	/	/	17.901	17M9G7D
30	PI/2 BPSK	/	/	/	26.911	26M9G7D
	QPSK	23.76	22.86	0.193	26.862	26M9G7D
	16QAM	/	/	/	26.869	26M9W7D
	64QAM	/	/	/	26.878	26M9W7D
	256QAM	/	/	/	26.878	26M9W7D
	CP-QPSK	/	/	/	26.83	26M8G7D
40	PI/2 BPSK	23.95	23.05	0.202	35.809	35M8G7D
	QPSK	24.21	23.31	0.214	35.78	35M8G7D
	16QAM	22.78	21.88	0.154	35.822	35M8W7D
	64QAM	21.21	20.31	0.107	35.833	35M8W7D
	256QAM	19.24	18.34	0.068	35.772	35M8W7D
	CP-QPSK	/	/	/	35.733	35M7G7D



n40(2305-2315MHz)						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
10	PI/2 BPSK	23.49	22.59	0.182	8.603	8M60G7D
	QPSK	23.81	22.91	0.195	8.5874	8M59G7D
	16QAM	22.61	21.71	0.148	8.5858	8M59W7D
	64QAM	21.01	20.11	0.103	8.5759	8M58W7D
	256QAM	19.21	18.31	0.068	8.593	8M59W7D
	CP-QPSK	/	/	/	8.574	8M57G7D

n40(2350-2360MHz)						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
10	PI/2 BPSK	23.95	23.05	0.202	8.6136	8M61G7D
	QPSK	24.11	23.21	0.209	8.5837	8M58G7D
	16QAM	23.03	22.13	0.163	8.5834	8M58W7D
	64QAM	21.34	20.44	0.111	8.6268	8M63W7D
	256QAM	19.53	18.63	0.073	8.5763	8M58W7D
	CP-QPSK	/	/	/	8.5799	8M58G7D



n41						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
10	PI/2 BPSK	/	/	/	8.6055	8M61G7D
	QPSK	26.65	25.75	0.376	8.5968	8M60G7D
	16QAM	/	/	/	8.5961	8M60W7D
	64QAM	/	/	/	8.6266	8M63W7D
	256QAM	/	/	/	8.5856	8M59W7D
	CP-QPSK	/	/	/	8.5943	8M59G7D
15	PI/2 BPSK	/	/	/	12.895	12M9G7D
	QPSK	26.68	25.78	0.378	12.875	12M9G7D
	16QAM	/	/	/	12.873	12M9W7D
	64QAM	/	/	/	12.903	12M9W7D
	256QAM	/	/	/	12.849	12M9W7D
	CP-QPSK	/	/	/	12.881	12M9G7D
20	PI/2 BPSK	/	/	/	17.921	17M9G7D
	QPSK	26.82	25.92	0.391	17.91	17M9G7D
	16QAM	/	/	/	17.872	17M9W7D
	64QAM	/	/	/	17.91	17M9W7D
	256QAM	/	/	/	17.871	17M9W7D
	CP-QPSK	/	/	/	17.89	17M9G7D
30	PI/2 BPSK	/	/	/	26.908	26M9G7D
	QPSK	26.80	25.90	0.389	26.871	26M9G7D
	16QAM	/	/	/	26.851	26M9W7D
	64QAM	/	/	/	26.881	26M9W7D
	256QAM	/	/	/	26.891	26M9W7D
	CP-QPSK	/	/	/	26.895	26M9G7D
40	PI/2 BPSK	/	/	/	35.777	35M8G7D
	QPSK	26.82	25.92	0.391	35.813	35M8G7D
	16QAM	/	/	/	35.773	35M8W7D
	64QAM	/	/	/	35.852	35M9W7D
	256QAM	/	/	/	35.773	35M8W7D
	CP-QPSK	/	/	/	35.729	35M7G7D
50	PI/2 BPSK	/	/	/	45.772	45M8G7D
	QPSK	26.74	25.84	0.384	45.744	45M7G7D
	16QAM	/	/	/	45.696	45M7W7D



	64QAM	/	/	/	45.724	45M7W7D
	256QAM	/	/	/	45.679	45M7W7D
	CP-QPSK	/	/	/	45.726	45M7G7D
60	PI/2 BPSK	/	/	/	57.864	57M9G7D
	QPSK	26.76	25.86	0.385	57.902	57M9G7D
	16QAM	/	/	/	57.839	57M8W7D
	64QAM	/	/	/	57.906	57M9W7D
	256QAM	/	/	/	57.801	57M8W7D
	CP-QPSK	/	/	/	57.781	57M8G7D
	70	PI/2 BPSK	/	/	/	64.314
QPSK		26.95	26.05	0.403	64.319	64M3G7D
16QAM		/	/	/	64.284	64M3W7D
64QAM		/	/	/	64.371	64M4W7D
256QAM		/	/	/	64.291	64M3W7D
CP-QPSK		/	/	/	64.284	64M3G7D
80	PI/2 BPSK	/	/	/	77.156	77M2G7D
	QPSK	26.88	25.98	0.396	77.124	77M1G7D
	16QAM	/	/	/	76.998	77M0W7D
	64QAM	/	/	/	77.132	77M1W7D
	256QAM	/	/	/	77.048	77M1W7D
	CP-QPSK	/	/	/	77.112	77M1G7D
90	PI/2 BPSK	/	/	/	86.844	86M8G7D
	QPSK	26.74	25.84	0.384	86.846	86M9G7D
	16QAM	/	/	/	86.673	86M7W7D
	64QAM	/	/	/	86.729	86M7W7D
	256QAM	/	/	/	86.771	86M8W7D
	CP-QPSK	/	/	/	86.846	86M9G7D
100	PI/2 BPSK	26.90	26.00	0.398	96.472	96M5G7D
	QPSK	27.22	26.32	0.429	96.52	96M5G7D
	16QAM	25.94	25.04	0.319	96.275	96M3W7D
	64QAM	24.27	23.37	0.217	96.419	96M4W7D
	256QAM	22.54	21.64	0.146	96.576	96M6W7D
	CP-QPSK	/	/	/	96.325	96M3G7D



n66						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
5	PI/2 BPSK	/	/	/	4.4878	4M49G7D
	QPSK	23.85	20.95	0.124	4.4954	4M50G7D
	16QAM	/	/	/	4.4839	4M48W7D
	64QAM	/	/	/	4.5054	4M51W7D
	256QAM	/	/	/	4.4908	4M49W7D
	CP-QPSK	/	/	/	4.4746	4M47G7D
10	PI/2 BPSK	/	/	/	8.9622	8M96G7D
	QPSK	23.89	20.99	0.126	8.9303	8M93G7D
	16QAM	/	/	/	8.9313	8M93W7D
	64QAM	/	/	/	8.9551	8M96W7D
	256QAM	/	/	/	8.9318	8M93W7D
	CP-QPSK	/	/	/	9.2781	9M28G7D
15	PI/2 BPSK	/	/	/	13.44	13M4G7D
	QPSK	23.87	20.97	0.125	13.421	13M4G7D
	16QAM	/	/	/	13.426	13M4W7D
	64QAM	/	/	/	13.448	13M5W7D
	256QAM	/	/	/	13.422	13M4W7D
	CP-QPSK	/	/	/	14.101	14M1G7D
20	PI/2 BPSK	/	/	/	17.921	17M9G7D
	QPSK	23.89	20.99	0.126	17.873	17M9G7D
	16QAM	/	/	/	17.882	17M9W7D
	64QAM	/	/	/	17.922	17M9W7D
	256QAM	/	/	/	17.866	17M9W7D
	CP-QPSK	/	/	/	18.925	18M9G7D
30	PI/2 BPSK	/	/	/	28.639	28M6G7D
	QPSK	23.83	20.93	0.124	28.559	28M6G7D
	16QAM	/	/	/	28.578	28M6W7D
	64QAM	/	/	/	28.625	28M6W7D
	256QAM	/	/	/	28.547	28M6W7D
	CP-QPSK	/	/	/	28.579	28M6G7D
40	PI/2 BPSK	23.91	21.01	0.126	38.573	38M6G7D
	QPSK	24.05	21.15	0.130	38.616	38M6G7D
	16QAM	23.25	20.35	0.108	38.489	38M5W7D



	64QAM	21.52	18.62	0.073	38.652	38M7W7D
	256QAM	19.86	16.96	0.050	38.565	38M6W7D
	CP-QPSK	/	/	/	38.594	38M6G7D

n71						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
5	PI/2 BPSK	/	/	/	4.5036	4M50G7D
	QPSK	23.19	16.04	0.040	4.5005	4M50G7D
	16QAM	/	/	/	4.4919	4M49W7D
	64QAM	/	/	/	4.5109	4M51W7D
	256QAM	/	/	/	4.4933	4M49W7D
	CP-QPSK	/	/	/	4.4834	4M48G7D
10	PI/2 BPSK	/	/	/	8.9641	8M96G7D
	QPSK	23.27	16.12	0.041	8.9263	8M93G7D
	16QAM	/	/	/	8.9291	8M93W7D
	64QAM	/	/	/	8.946	8M95W7D
	256QAM	/	/	/	8.9297	8M93W7D
	CP-QPSK	/	/	/	9.2756	9M28G7D
15	PI/2 BPSK	/	/	/	13.46	13M5G7D
	QPSK	23.28	16.13	0.041	13.447	13M5G7D
	16QAM	/	/	/	13.448	13M5W7D
	64QAM	/	/	/	13.459	13M5W7D
	256QAM	/	/	/	13.442	13M4W7D
	CP-QPSK	/	/	/	14.12	14M1G7D
20	PI/2 BPSK	23.36	16.21	0.042	17.911	17M9G7D
	QPSK	23.90	16.75	0.047	17.892	17M9G7D
	16QAM	22.55	15.40	0.035	17.88	17M9W7D
	64QAM	20.89	13.74	0.024	17.915	17M9W7D
	256QAM	19.06	11.91	0.016	17.886	17M9W7D
	CP-QPSK	/	/	/	18.923	18M9G7D



n77(3450-3550MHz)(PC2)						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
10	PI/2 BPSK	/	/	/	8.6172	8M62G7D
	QPSK	26.05	25.45	0.351	8.5907	8M59G7D
	16QAM	/	/	/	8.5944	8M59W7D
	64QAM	/	/	/	8.6112	8M61W7D
	256QAM	/	/	/	8.5769	8M58W7D
	CP-QPSK	/	/	/	8.5852	8M59G7D
15	PI/2 BPSK	/	/	/	12.915	12M9G7D
	QPSK	26.01	25.41	0.348	12.894	12M9G7D
	16QAM	/	/	/	12.867	12M9W7D
	64QAM	/	/	/	12.925	12M9W7D
	256QAM	/	/	/	12.843	12M8W7D
	CP-QPSK	/	/	/	12.908	12M9G7D
20	PI/2 BPSK	/	/	/	17.914	17M9G7D
	QPSK	26.01	25.41	0.348	17.886	17M9G7D
	16QAM	/	/	/	17.864	17M9W7D
	64QAM	/	/	/	17.909	17M9W7D
	256QAM	/	/	/	17.861	17M9W7D
	CP-QPSK	/	/	/	17.892	17M9G7D
30	PI/2 BPSK	/	/	/	26.903	26M9G7D
	QPSK	26.09	25.49	0.354	26.889	26M9G7D
	16QAM	/	/	/	26.919	26M9W7D
	64QAM	/	/	/	26.89	26M9W7D
	256QAM	/	/	/	26.9	26M9W7D
	CP-QPSK	/	/	/	26.856	26M9G7D
40	PI/2 BPSK	/	/	/	35.806	35M8G7D
	QPSK	26.00	25.40	0.347	35.809	35M8G7D
	16QAM	/	/	/	35.759	35M8W7D
	64QAM	/	/	/	35.848	35M9W7D
	256QAM	/	/	/	35.765	35M8W7D
	CP-QPSK	/	/	/	35.765	35M8G7D
50	PI/2 BPSK	/	/	/	45.765	45M8G7D
	QPSK	25.94	25.34	0.342	45.762	45M8G7D
	16QAM	/	/	/	45.737	45M7W7D



	64QAM	/	/	/	45.783	45M8W7D
	256QAM	/	/	/	45.66	45M7W7D
	CP-QPSK	/	/	/	45.76	45M8G7D
60	PI/2 BPSK	/	/	/	57.987	58M0G7D
	QPSK	25.88	25.28	0.337	57.93	57M9G7D
	16QAM	/	/	/	57.847	57M9W7D
	64QAM	/	/	/	57.926	57M9W7D
	256QAM	/	/	/	57.741	57M7W7D
	CP-QPSK	/	/	/	57.753	57M8G7D
70	PI/2 BPSK	/	/	/	64.441	64M4G7D
	QPSK	25.95	25.35	0.343	64.26	64M3G7D
	16QAM	/	/	/	64.208	64M2W7D
	64QAM	/	/	/	64.41	64M4W7D
	256QAM	/	/	/	64.253	64M3W7D
	CP-QPSK	/	/	/	64.323	64M3G7D
80	PI/2 BPSK	/	/	/	77.207	77M2G7D
	QPSK	25.96	25.36	0.344	77.104	77M1G7D
	16QAM	/	/	/	76.985	77M0W7D
	64QAM	/	/	/	77.212	77M2W7D
	256QAM	/	/	/	77.143	77M1W7D
	CP-QPSK	/	/	/	77.127	77M1G7D
90	PI/2 BPSK	/	/	/	86.819	86M8G7D
	QPSK	25.89	25.29	0.338	86.808	86M8G7D
	16QAM	/	/	/	86.73	86M7W7D
	64QAM	/	/	/	86.724	86M7W7D
	256QAM	/	/	/	86.814	86M8W7D
	CP-QPSK	/	/	/	86.726	86M7G7D
100	PI/2 BPSK	25.93	25.33	0.341	96.303	96M3G7D
	QPSK	26.12	25.52	0.356	96.398	96M4G7D
	16QAM	25.24	24.64	0.291	96.313	96M3W7D
	64QAM	23.52	22.92	0.196	96.338	96M3W7D
	256QAM	21.73	21.13	0.130	96.425	96M4W7D
	CP-QPSK	/	/	/	96.375	96M4G7D



n77(3700-3980MHz)PC2						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
10	PI/2 BPSK	/	/	/	8.617	8M62G7D
	QPSK	25.83	25.23	0.333	8.6017	8M60G7D
	16QAM	/	/	/	8.6034	8M60W7D
	64QAM	/	/	/	8.5944	8M59W7D
	256QAM	/	/	/	8.5843	8M58W7D
	CP-QPSK	/	/	/	8.5828	8M58G7D
15	PI/2 BPSK	/	/	/	12.851	12M9G7D
	QPSK	25.84	25.24	0.334	12.876	12M9G7D
	16QAM	/	/	/	12.86	12M9W7D
	64QAM	/	/	/	12.887	12M9W7D
	256QAM	/	/	/	12.847	12M9W7D
	CP-QPSK	/	/	/	12.876	12M9G7D
20	PI/2 BPSK	/	/	/	17.897	17M9G7D
	QPSK	25.80	25.20	0.331	17.867	17M9G7D
	16QAM	/	/	/	17.869	17M9W7D
	64QAM	/	/	/	17.911	17M9W7D
	256QAM	/	/	/	17.85	17M9W7D
	CP-QPSK	/	/	/	17.871	17M9G7D
30	PI/2 BPSK	/	/	/	26.907	26M9G7D
	QPSK	25.85	25.25	0.335	26.885	26M9G7D
	16QAM	/	/	/	26.894	26M9W7D
	64QAM	/	/	/	26.925	26M9W7D
	256QAM	/	/	/	26.884	26M9W7D
	CP-QPSK	/	/	/	26.907	26M9G7D
40	PI/2 BPSK	/	/	/	35.822	35M8G7D
	QPSK	25.83	25.23	0.333	35.814	35M8G7D
	16QAM	/	/	/	35.803	35M8W7D
	64QAM	/	/	/	35.845	35M9W7D
	256QAM	/	/	/	35.777	35M8W7D
	CP-QPSK	/	/	/	35.74	35M7G7D
50	PI/2 BPSK	/	/	/	45.814	45M8G7D
	QPSK	25.79	25.19	0.330	45.759	45M8G7D
	16QAM	/	/	/	45.797	45M8W7D



	64QAM	/	/	/	45.755	45M8W7D
	256QAM	/	/	/	45.753	45M8W7D
	CP-QPSK	/	/	/	45.742	45M7G7D
60	PI/2 BPSK	/	/	/	57.956	58M0G7D
	QPSK	25.76	25.16	0.328	57.894	57M9G7D
	16QAM	/	/	/	57.879	57M9W7D
	64QAM	/	/	/	57.85	57M9W7D
	256QAM	/	/	/	57.784	57M8W7D
	CP-QPSK	/	/	/	57.815	57M8G7D
	70	PI/2 BPSK	/	/	/	64.362
QPSK		25.80	25.20	0.331	64.334	64M3G7D
16QAM		/	/	/	64.291	64M3W7D
64QAM		/	/	/	64.382	64M4W7D
256QAM		/	/	/	64.302	64M3W7D
CP-QPSK		/	/	/	64.321	64M3G7D
80	PI/2 BPSK	/	/	/	77.175	77M2G7D
	QPSK	25.79	25.19	0.330	77.151	77M2G7D
	16QAM	/	/	/	77.127	77M1W7D
	64QAM	/	/	/	77.096	77M1W7D
	256QAM	/	/	/	77.072	77M1W7D
	CP-QPSK	/	/	/	77.198	77M2G7D
90	PI/2 BPSK	/	/	/	86.879	86M9G7D
	QPSK	25.74	25.14	0.327	86.926	86M9G7D
	16QAM	/	/	/	86.555	86M6W7D
	64QAM	/	/	/	86.761	86M8W7D
	256QAM	/	/	/	86.705	86M7W7D
	CP-QPSK	/	/	/	86.639	86M6G7D
100	PI/2 BPSK	25.93	25.33	0.341	96.421	96M4G7D
	QPSK	26.12	25.52	0.356	96.439	96M4G7D
	16QAM	25.24	24.64	0.291	96.257	96M3W7D
	64QAM	23.52	22.92	0.196	96.409	96M4W7D
	256QAM	21.73	21.13	0.130	96.467	96M5W7D
	CP-QPSK	/	/	/	96.281	96M3G7D



n78(3450-3550MHz)						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
10	PI/2 BPSK	/	/	/	/	/
	QPSK	25.98	25.38	0.345	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
15	PI/2 BPSK	/	/	/	/	/
	QPSK	25.97	25.37	0.344	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
20	PI/2 BPSK	/	/	/	/	/
	QPSK	25.98	25.38	0.345	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
30	PI/2 BPSK	/	/	/	/	/
	QPSK	26.01	25.41	0.348	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
40	PI/2 BPSK	/	/	/	/	/
	QPSK	25.98	25.38	0.345	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
50	PI/2 BPSK	/	/	/	/	/
	QPSK	25.90	25.30	0.339	/	/
	16QAM	/	/	/	/	/



	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
60	PI/2 BPSK	/	/	/	/	/
	QPSK	25.93	25.33	0.341	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
70	PI/2 BPSK	/	/	/	/	/
	QPSK	25.93	25.33	0.341	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
80	PI/2 BPSK	/	/	/	/	/
	QPSK	25.95	25.35	0.343	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
90	PI/2 BPSK	/	/	/	/	/
	QPSK	25.86	25.26	0.336	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
100	PI/2 BPSK	25.90	25.30	0.339	/	/
	QPSK	26.21	25.61	0.364	/	/
	16QAM	25.16	24.56	0.286	/	/
	64QAM	23.48	22.88	0.194	/	/
	256QAM	18.30	17.70	0.059	/	/
	CP-QPSK	/	/	/	/	/



n78(3700-3800MHz)						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
10	PI/2 BPSK	/	/	/	/	/
	QPSK	25.84	25.24	0.334	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
15	PI/2 BPSK	/	/	/	/	/
	QPSK	25.78	25.18	0.330	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
20	PI/2 BPSK	/	/	/	/	/
	QPSK	25.82	25.22	0.333	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
30	PI/2 BPSK	/	/	/	/	/
	QPSK	25.89	25.29	0.338	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
40	PI/2 BPSK	/	/	/	/	/
	QPSK	25.94	25.34	0.342	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
50	PI/2 BPSK	/	/	/	/	/
	QPSK	25.92	25.32	0.340	/	/
	16QAM	/	/	/	/	/



	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
60	PI/2 BPSK	/	/	/	/	/
	QPSK	25.90	25.30	0.339	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
		PI/2 BPSK	/	/	/	/
70	QPSK	26.01	25.41	0.348	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
		PI/2 BPSK	/	/	/	/
80	QPSK	26.02	25.42	0.348	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
		PI/2 BPSK	/	/	/	/
90	QPSK	25.85	25.25	0.335	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
		PI/2 BPSK	25.82	25.22	0.333	/
100	QPSK	26.16	25.56	0.360	/	/
	16QAM	24.98	24.38	0.274	/	/
	64QAM	23.26	22.66	0.185	/	/
	256QAM	21.46	20.86	0.122	/	/
	CP-QPSK	/	/	/	/	/
		PI/2 BPSK	25.82	25.22	0.333	/

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 and Part 90 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
5	47 CFR Part 90	Miscellaneous Wireless Communications Services

n2 & n25			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §24.232(c)	EIRP ≤ 2 W	PASS
Peak-Average Ratio	§24.232(d)	Limit ≤ 13 dB	PASS
Bandwidth	§2.1049	OBW: No limit EBW: No limit	PASS
Band Edges Compliance	§2.1051, §24.238(a)(b)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §24.238(a)(b)	≤ -13 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §24.238(a)	≤ -13 dBm/1MHz	PASS
Frequency Stability	§2.1055, §24.235	No limit	N/A

Remark: For the verdict, the "N/A" denotes "not applicable", the "N/T" denotes "not tested".



n5& n26(824-849MHz)			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §22.913(a)(5)	ERP ≤ 7W	PASS
Peak-Average Ratio	N/A	N/A	N/A
Bandwidth	§2.1049	OBW: No limit EBW: No limit	PASS
Band Edges Compliance	§2.1051, §22.917(a)(b)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §22.917(a)	≤ -13 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §22.917(a)	≤ -13 dBm/1MHz	PASS
Frequency Stability	§2.1055, §22.355	≤ ±2.5ppm	PASS

n7 & n38 & n41			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §27.50(h)(2)	EIRP ≤ 2W	PASS
Peak-Average Ratio	N/A	N/A	N/A
Bandwidth	§2.1049	OBW: No limit EBW: No limit	PASS
Band Edges Compliance	§2.1051, §27.53(m)(4)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §27.53(m)(4)	≤ -25 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §27.53(m)(4)	≤ -25 dBm/1MHz	PASS
Frequency Stability	§2.1055, §27.54	No limit	N/A



n26(814-824MHz)			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §90.635(b)	ERP ≤3W	PASS
Peak-Average Ratio	N/A	N/A	N/A
Bandwidth	§2.1049	OBW: No limit EBW: No limit	PASS
Band Edges Compliance	§2.1051, §90.691(a)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §90.691(a)	≤ -13 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §90.691(a)	≤ -13 dBm/1MHz	PASS
Frequency Stability	§2.1055, §90.543	No limit	N/A

Remark: For the verdict, the "N/A" denotes "not applicable", the "N/T" denotes "not tested".

n66			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §27.50(d)(4)	EIRP ≤1 W	PASS
Peak-Average Ratio	§27.50(d) (5)	Limit≤13 dB	PASS
Bandwidth	§2.1049	OBW: No limit. EBW: No limit.	PASS
Band Edges Compliance	§2.1051, §27.53(h)(1) §27.53(h)(3)(i)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §27.53(h)(1)	≤ -13 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §27.53(h)(1)	≤ -13 dBm/1MHz.	PASS
Frequency Stability	§2.1055, §27.54	No limit	N/A

Remark: For the verdict, the "N/A" denotes "not applicable", the "N/T" denotes "not tested".



n71			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §27.50(c)(10)	ERP ≤ 3W	PASS
Peak-Average Ratio	N/A	N/A	N/A
Bandwidth	§2.1049	OBW: No limit EBW: No limit	PASS
Band Edges Compliance	§2.1051, §27.53(g)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §27.53(g)	≤ -13 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §27.53(g)	≤ -13 dBm/1MHz	PASS
Frequency Stability	§2.1055, §27.54	No limit	N/A

n77(3450~3550MHz) & n78(3450~3550MHz)			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §27.50(K)(3)	EIRP ≤ 1W	PASS
Peak-Average Ratio	§27.50(K)(4)	≤ 13 dB	PASS
Bandwidth	§2.1049	OBW: No limit. EBW: No limit.	PASS
Band Edges Compliance	§2.1051, §27.53(l)(2)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §27.53(l)(2)	≤ -13 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §27.53(l)(2)	≤ -13 dBm/1MHz.	PASS
Frequency Stability	§2.1055, §27.54	No limit	N/A

Remark: For the verdict, the "N/A" denotes "not applicable", the "N/T" denotes "not tested".



n77(3700~3980MHz) & n78(3700~3800MHz)			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §27.50(j)(3)	EIRP \leq 1W	PASS
Peak-Average Ratio	§27.50(j)(4)	\leq 13 dB	PASS
Bandwidth	§2.1049	OBW: No limit. EBW: No limit.	PASS
Band Edges Compliance	§2.1051, §27.53(n)(2)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §27.53(n)(2)	\leq -13 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §27.53(m)(4)	\leq -13 dBm/1MHz.	PASS
Frequency Stability	§2.1055, §27.54	No limit	N/A

Remark: For the verdict, the "N/A" denotes "not applicable", the "N/T" denotes "not tested".



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

Test Item	Test Engineer	Result	Remark
Transmitter Conducted Output Power and ERP/EIRP	Gan Jing ^[3]	PASS	/
Occupied Bandwidth	Gan Jing	PASS	/
Frequency Stability	Gan Jing	PASS	/
Peak to Average Radio	Gan Jing	PASS	/
Conducted Spurious Emissions	Gan Jing	PASS	/
Band Edge	Gan Jing	PASS	/
Radiated Spurious Emissions	Wang Deyong Gao Jianrou	PASS	/

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: Any additions, deviation, or exclusions from the method shall be noted in the "Remark".

Note 3: The antenna gain of EUT presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information.

Note 4: When the test result is a critical value, we will use the measurement uncertainty give the judgment result based on the 95% confidence intervals.



1.5. Environmental Conditions

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

Temperature (°C):	15 - 35
Relative Humidity (%):	30 -60



2. Summary Test Results and Description

2.1. Transmitter Conducted Output Power

2.1.1. Requirement

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

According to FCC section 24.232 (c) for n2, n25, the ERP of Mobile and portable stations are limited to 2 watts EIRP.

According to FCC section 22.913 (a)(5) for n5, n26(824-849MHz), the ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC section 27.50 (h)(2) for n7, n38, 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(c)(10) for n12, n71, Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

According to FCC section 27.50 (b)(10)for n13, Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts E.R.P.

According to FCC section 90.635(b) for n26 (814-824MHz), the maximum output power of the transmitter for mobile stations is 100 watts.

According to FCC section 27.50(j)(3) for n77(3700-3980MHz), n78(3700-3800MHz), mobile and portable stations are limited to 1 Watt EIRP. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

According to FCC section 27.50(k)(3) for n77, n78(3450-3550MHz), Mobile devices are limited to 1Watt (30 dBm) EIRP. Mobile devices operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

2.1.2. Test Description



The conducted RF output power measurements were made at the RF output terminals of the EUT using the powermeter of the Universal Radio Communication tester MT8000A and MT8821C, selecting maximum transmission power of the EUT and different modes of modulation.

The maximum equivalent isotropically radiated power (e.i.r.p.) is calculated by adding the declared maximum antenna gain (dBi).

The maximum effective radiated power e.r.p. is calculated from the maximum equivalent isotropically radiated power

(e.i.r.p.) by subtracting 2.15 dB:

$$E.R.P. = E..R.P. - 2.15 \text{ dB}$$

2.1.3. Test procedure

KDB 971168 D01v03 Section 5.2, ANSI/TIA-603-E-2016 and ANSI C63.26-2015 Section 5.2.

The relevant equation for determining the maximum ERP or EIRP from the measured RF output power is given in Equation as follows:

$$ERP \text{ or } EIRP = P_{Meas} + GT$$

Where:

ERP or EIRP = effective radiated power or equivalent isotropically radiated power, respectively

(expressed in the same units as P_{Meas} , e.g., dBm or dBW)

P_{meas} = measured transmitter output power or PSD, in dBm or dBW

GT = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)



2.1.4. Conducted Output Power

Note: All bandwidth and modulation were considered and evaluated respectively by performing full test for each band; with only the worst cases represented in the report except for the maximum bandwidths.

n2						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel				372000	376000	380000
Frequency (MHz)				1860	1880	1900
20	DFT-s-OFDM PI/2 BPSK	1	1	24.13	23.81	23.70
20		1	53	24.12	23.66	23.98
20		1	104	23.95	23.70	24.02
20		50	1	23.65	23.28	23.29
20		50	25	24.15	23.70	23.07
20		50	50	23.71	23.13	23.55
20		100	0	23.76	23.19	23.41
20	DFT-s-OFDM QPSK	1	1	24.33	24.35	24.30
20		1	53	24.29	23.69	24.01
20		1	104	23.94	23.79	24.03
20		50	1	23.17	22.79	22.83
20		50	25	24.10	24.13	24.06
20		50	50	23.00	22.63	22.95
20		100	0	22.80	22.93	22.92
20	DFT-s-OFDM 16QAM	1	1	23.33	23.17	23.02
20	DFT-s-OFDM 64QAM	1	1	21.72	21.60	21.51
20	DFT-s-OFDM 256QAM	1	1	19.78	19.44	19.32
20	CP-OFDM QPSK	1	1	22.58	22.29	22.17
20	CP-OFDM 16QAM	1	1	22.29	22.02	21.91
20	CP-OFDM 64QAM	1	1	20.39	20.12	19.99
20	CP-OFDM 256QAM	1	1	17.75	17.50	17.38
Channel				371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5
15	DFT-s-OFDM QPSK	1	1	24.12	23.73	23.81
Channel				371000	376000	381000
Frequency (MHz)				1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	24.16	23.74	23.96
Channel				370500	376000	381500



Frequency (MHz)				1852.5	1880	1907.5
5	DFT-s-OFDM QPSK	1	1	24.25	23.73	24.09

n5 (PC3)						
BW [MHz]	Modulation	RB num	RB start	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	23.60	23.62	23.65
20		1	53	23.60	23.61	23.57
20		1	104	23.59	23.61	23.47
20		50	1	23.11	23.12	23.16
20		50	25	23.63	23.58	23.56
20		50	50	23.04	23.04	23.02
20		100	0	23.10	23.19	23.09
20	DFT-s-OFDM QPSK	1	1	23.98	24.10	23.96
20		1	53	23.56	23.79	23.58
20		1	104	23.55	23.56	23.52
20		50	1	22.59	22.66	22.65
20		50	25	23.62	23.63	23.58
20		50	50	22.52	22.52	22.52
20		100	0	22.62	22.63	22.60
20	DFT-s-OFDM 16QAM	1	1	22.83	22.86	22.91
20	DFT-s-OFDM 64QAM	1	1	21.22	21.23	21.42
20	DFT-s-OFDM 256QAM	1	1	19.20	19.21	19.22
20	CP-OFDM QPSK	1	1	22.12	22.09	22.10
20	CP-OFDM 16QAM	1	1	21.81	21.85	21.86
20	CP-OFDM 64QAM	1	1	19.91	19.93	19.96
20	CP-OFDM 256QAM	1	1	17.36	17.40	17.40
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM QPSK	1	1	23.60	23.63	23.62
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM QPSK	1	1	23.68	23.58	23.60
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM QPSK	1	1	23.53	23.69	23.44



n7						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel				504000	507000	510000
Frequency (MHz)				2520	2535	2550
40	DFT-s-OFDM PI/2 BPSK	1	1	22.18	23.16	23.40
40		1	108	23.33	23.56	22.79
40		1	214	23.36	22.67	22.02
40		108	1	22.34	22.93	22.79
40		108	54	23.29	23.45	22.84
40		108	108	22.90	22.57	21.78
40		216	0	22.67	22.70	22.26
40	DFT-s-OFDM QPSK	1	1	23.66	23.76	23.71
40		1	108	23.37	23.51	22.87
40		1	214	23.43	22.60	22.05
40		108	1	21.89	22.40	22.33
40		108	54	23.39	23.42	23.36
40		108	108	22.51	22.03	21.25
40		216	0	22.19	22.31	22.14
40	DFT-s-OFDM 16QAM	1	1	21.53	22.18	22.68
40	DFT-s-OFDM 64QAM	1	1	19.90	20.70	21.03
40	DFT-s-OFDM 256QAM	1	1	17.93	18.74	19.04
40	CP-OFDM QPSK	1	1	20.74	21.54	21.85
40	CP-OFDM 16QAM	1	1	20.44	21.23	21.49
40	CP-OFDM 64QAM	1	1	18.58	19.73	19.67
40	CP-OFDM 256QAM	1	1	15.94	16.74	17.12
Channel				503000	507000	511000
Frequency (MHz)				2515	2535	2555
30	DFT-s-OFDM QPSK	1	1	22.18	23.22	23.20
Channel				502500	507000	511500
Frequency (MHz)				2512.5	2535	2557.5
25	DFT-s-OFDM QPSK	1	1	22.20	23.28	22.98
Channel				502000	507000	512000
Frequency (MHz)				2510	2535	2560
20	DFT-s-OFDM QPSK	1	1	22.16	23.37	22.74
Channel				501500	507000	512500
Frequency (MHz)				2507.5	2535	2562.5



15	DFT-s-OFDM QPSK	1	1	22.18	23.41	22.40
Channel				501000	507000	513000
Frequency (MHz)				2505	2535	2565
10	DFT-s-OFDM QPSK	1	1	22.21	23.48	22.18
Channel				500500	507000	513500
Frequency (MHz)				2502.5	2535	2567.5
5	DFT-s-OFDM QPSK	1	1	22.16	23.42	21.96

n25						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel				374000	376500	379000
Frequency (MHz)				1870	1882.5	1895
40	DFT-s-OFDM PI/2 BPSK	1	1	24.08	23.95	23.97
40		1	108	23.79	23.63	24.07
40		1	214	23.74	23.93	23.99
40		108	1	23.53	23.31	23.51
40		108	54	23.16	23.71	23.18
40		108	108	23.25	23.34	23.77
40		216	0	23.33	23.40	23.57
40	DFT-s-OFDM QPSK	1	1	24.18	24.20	24.16
40		1	108	23.83	23.73	24.07
40		1	214	23.67	23.96	24.04
40		108	1	23.04	22.83	22.95
40		108	54	23.87	24.07	24.03
40		108	108	22.61	23.14	23.13
40		216	0	22.84	23.17	23.06
40	DFT-s-OFDM 16QAM	1	1	23.30	23.58	23.17
40	DFT-s-OFDM 64QAM	1	1	21.67	21.93	21.38
40	DFT-s-OFDM 256QAM	1	1	19.70	19.95	19.48
40	CP-OFDM QPSK	1	1	22.56	22.84	22.30
40	CP-OFDM 16QAM	1	1	22.29	22.51	22.01
40	CP-OFDM 64QAM	1	1	20.42	20.66	20.12
40	CP-OFDM 256QAM	1	1	17.77	17.99	17.49
Channel				373000	376500	380000
Frequency (MHz)				1865	1882.5	1900
30	DFT-s-OFDM QPSK	1	1	24.06	23.78	23.56
Channel				372500	376500	380500



Frequency (MHz)					1862.5	1882.5	1902.5
25	DFT-s-OFDM QPSK	1	1	24.03	23.68	23.57	
Channel					372000	376500	381000
Frequency (MHz)					1860	1882.5	1905
20	DFT-s-OFDM QPSK	1	1	24.14	23.69	23.71	
Channel					371500	376500	381500
Frequency (MHz)					1857.5	1882.5	1907.5
15	DFT-s-OFDM QPSK	1	1	24.16	23.65	23.87	
Channel					371000	376500	382000
Frequency (MHz)					1855	1882.5	1910
10	DFT-s-OFDM QPSK	1	1	24.15	23.65	24.00	
Channel					370500	376500	382500
Frequency (MHz)					1852.5	1882.5	1912.5
5	DFT-s-OFDM QPSK	1	1	24.14	23.63	23.90	

n26(814-824MHz) (PC3)						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel					163800	
Frequency (MHz)					819	
10	DFT-s-OFDM PI/2 BPSK	1	1		23.41	
10		1	26		23.40	
10		1	50		23.62	
10		25	1		22.94	
10		25	12		23.42	
10		25	25		22.99	
10		50	0		22.95	
10	DFT-s-OFDM QPSK	1	1		24.02	
10		1	26		23.39	
10		1	50		23.52	
10		25	1		22.34	
10		25	12		23.42	
10		25	25		22.57	
10		50	0		22.68	
10	DFT-s-OFDM 16QAM	1	1		22.62	
10	DFT-s-OFDM 64QAM	1	1		21.03	
10	DFT-s-OFDM 256QAM	1	1		19.03	
10	CP-OFDM QPSK	1	1		22.02	



10	CP-OFDM 16QAM	1	1		21.77	
10	CP-OFDM 64QAM	1	1		19.71	
10	CP-OFDM 256QAM	1	1		17.65	
Channel				163300	163800	164300
Frequency (MHz)				816.5	819	821.5
5	DFT-s-OFDM QPSK	1	1	23.40	23.38	23.45

n26(824-849MHz) (PC3)						
BW [MHz]	Modulation	RB num	RB start	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	23.56	23.62	23.63
20		1	53	23.64	23.60	23.57
20		1	104	23.63	23.49	23.54
20		50	1	23.22	23.14	23.24
20		50	25	23.62	23.62	23.59
20		50	50	23.05	23.05	23.01
20		100	0	23.08	23.11	23.09
20	DFT-s-OFDM QPSK	1	1	24.05	24.11	24.06
20		1	53	23.74	23.64	23.56
20		1	104	23.54	23.52	23.54
20		50	1	22.65	22.64	22.54
20		50	25	23.63	23.65	23.58
20		50	50	22.54	22.64	22.52
20		100	0	22.60	22.63	22.59
20	DFT-s-OFDM 16QAM	1	1	22.81	22.88	22.85
20	DFT-s-OFDM 64QAM	1	1	21.18	21.42	21.23
20	DFT-s-OFDM 256QAM	1	1	19.19	19.20	19.22
20	CP-OFDM QPSK	1	1	22.04	22.07	22.08
20	CP-OFDM 16QAM	1	1	21.82	21.82	21.99
20	CP-OFDM 64QAM	1	1	19.89	19.90	19.92
20	CP-OFDM 256QAM	1	1	17.35	17.39	18.05
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM QPSK	1	1	23.57	23.60	23.61
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844



10	DFT-s-OFDM QPSK	1	1	23.54	23.64	23.56
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM QPSK	1	1	23.55	23.60	23.43

n38						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel				518000	519000	520000
Frequency (MHz)				2590	2595	2600
40	DFT-s-OFDM PI/2 BPSK	1	1	23.95	23.55	23.43
40		1	108	23.53	23.31	23.09
40		1	214	23.15	22.90	22.75
40		108	1	23.22	23.02	23.04
40		108	54	23.54	23.34	23.69
40		108	108	22.90	22.73	23.13
40		216	0	23.09	22.86	22.90
40	DFT-s-OFDM QPSK	1	1	24.17	24.21	24.12
40		1	108	23.52	23.35	23.59
40		1	214	23.06	22.82	23.13
40		108	1	22.73	22.49	22.44
40		108	54	23.70	23.76	23.66
40		108	108	22.25	22.08	22.60
40		216	0	22.44	22.65	22.64
40	DFT-s-OFDM 16QAM	1	1	22.78	22.68	22.66
40	DFT-s-OFDM 64QAM	1	1	21.21	21.15	20.86
40	DFT-s-OFDM 256QAM	1	1	19.24	19.14	19.00
40	CP-OFDM QPSK	1	1	22.16	21.99	22.03
40	CP-OFDM 16QAM	1	1	21.75	21.62	21.67
40	CP-OFDM 64QAM	1	1	19.98	20.04	20.30
40	CP-OFDM 256QAM	1	1	17.27	17.44	16.91
Channel				517000	519000	521000
Frequency (MHz)				2585	2595	2605
30	DFT-s-OFDM QPSK	1	1	23.76	23.60	23.41
Channel				516000	519000	522000
Frequency (MHz)				2580	2595	2610
20	DFT-s-OFDM QPSK	1	1	23.81	23.62	23.26
Channel				515500	519000	522500



Frequency (MHz)					2577.5	2595	2612.5
15	DFT-s-OFDM QPSK	1	1	23.92	23.60	23.19	
Channel					515000	519000	523000
Frequency (MHz)					2575	2595	2615
10	DFT-s-OFDM QPSK	1	1	23.93	23.68	23.21	

n40(2305-2315MHz) (PC3)						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel					462000	
Frequency (MHz)					2310	
10	DFT-s-OFDM PI/2 BPSK	1	1		23.49	
10		1	12		23.30	
10		1	22		23.33	
10		12	1		22.92	
10		12	6		23.33	
10		12	12		22.81	
10		24	0		22.92	
10	DFT-s-OFDM QPSK	1	1		23.81	
10		1	12		23.46	
10		1	22		23.38	
10		12	1		22.40	
10		12	6		23.43	
10		12	12		22.33	
10		24	0		22.41	
10	DFT-s-OFDM 16QAM	1	1		22.61	
10	DFT-s-OFDM 64QAM	1	1		21.01	
10	DFT-s-OFDM 256QAM	1	1		19.21	
10	CP-OFDM QPSK	1	1		21.99	
10	CP-OFDM 16QAM	1	1		21.76	
10	CP-OFDM 64QAM	1	1		19.73	
10	CP-OFDM 256QAM	1	1		17.20	



n40(2305-2315MHz) (PC3)						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel					471000	
Frequency (MHz)					2355	
10	DFT-s-OFDM PI/2 BPSK	1	1		23.84	
10		1	12		23.83	
10		1	22		23.95	
10		12	1		23.35	
10		12	6		23.82	
10		12	12		23.28	
10		24	0		23.39	
10	DFT-s-OFDM QPSK	1	1		24.11	
10		1	12		23.85	
10		1	22		23.80	
10		12	1		22.84	
10		12	6		23.87	
10		12	12		22.88	
10		24	0		22.90	
10	DFT-s-OFDM 16QAM	1	1		23.03	
10	DFT-s-OFDM 64QAM	1	1		21.34	
10	DFT-s-OFDM 256QAM	1	1		19.53	
10	CP-OFDM QPSK	1	1		22.34	
10	CP-OFDM 16QAM	1	1		22.04	
10	CP-OFDM 64QAM	1	1		20.11	
10	CP-OFDM 256QAM	1	1		17.94	



n41(PC2)						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel				509202	518598	528000
Frequency (MHz)				2546.01	2592.99	2640
100	DFT-s-OFDM PI/2 BPSK	1	1	25.76	26.76	26.56
100		1	136	26.90	26.89	25.70
100		1	271	25.32	25.70	26.26
100		135	1	25.92	26.39	25.71
100		135	67	26.80	26.64	25.88
100		135	136	26.33	25.67	25.33
100		270	0	26.17	26.11	25.63
100	DFT-s-OFDM QPSK	1	1	27.02	27.22	27.05
100		1	136	26.97	26.64	25.96
100		1	271	26.51	25.69	26.32
100		135	1	25.46	25.92	25.69
100		135	67	26.82	26.93	26.70
100		135	136	25.89	25.15	24.77
100		270	0	25.68	25.85	25.59
100	DFT-s-OFDM 16QAM	1	1	24.92	25.94	25.73
100	DFT-s-OFDM 64QAM	1	1	23.25	24.27	24.04
100	DFT-s-OFDM 256QAM	1	1	21.55	22.54	22.33
100	CP-OFDM QPSK	1	1	24.20	25.15	25.12
100	CP-OFDM 16QAM	1	1	24.11	25.06	24.86
100	CP-OFDM 64QAM	1	1	22.04	23.01	22.85
100	CP-OFDM 256QAM	1	1	19.59	20.70	20.36
Channel				508200	518598	528996
Frequency (MHz)				2541	2592.99	2644.98
90	DFT-s-OFDM QPSK	1	1	25.71	26.74	26.44
Channel				507204	518598	529998
Frequency (MHz)				2536.02	2592.99	2649.99
80	DFT-s-OFDM QPSK	1	1	25.83	26.88	26.19
Channel				506202	518598	531000
Frequency (MHz)				2531.01	2592.99	2655
70	DFT-s-OFDM QPSK	1	1	25.76	26.95	26.00
Channel				505200	518598	531996
Frequency (MHz)				2526	2592.99	2659.98
60	DFT-s-OFDM QPSK	1	1	25.67	26.76	25.75



Channel					504204	518598	532998
Frequency (MHz)					2521.02	2592.99	2664.99
50	DFT-s-OFDM	QPSK	1	1	25.71	26.74	25.71
Channel					503202	518598	534000
Frequency (MHz)					2516.01	2592.99	2670
40	DFT-s-OFDM	QPSK	1	1	25.86	26.82	25.61
Channel					502200	518598	534996
Frequency (MHz)					2511	2592.99	2674.98
30	DFT-s-OFDM	QPSK	1	1	25.79	26.80	25.68
Channel					501204	518598	535998
Frequency (MHz)					2506.02	2592.99	2679.99
20	DFT-s-OFDM	QPSK	1	1	25.76	26.82	25.82
Channel					500700	518598	536496
Frequency (MHz)					2503.5	2592.99	2682.48
15	DFT-s-OFDM	QPSK	1	1	25.73	26.68	25.76
Channel					500202	518598	537000
Frequency (MHz)					2501.01	2592.99	2685
10	DFT-s-OFDM	QPSK	1	1	25.79	26.65	26.09



n41(PC2)						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel				509202	518598	528000
Frequency (MHz)				2546.01	2592.99	2640
100	DFT-s-OFDM PI/2 BPSK	1	1	22.88	23.91	23.71
100		1	136	24.11	23.87	22.91
100		1	271	23.67	22.87	23.43
100		135	1	23.11	23.58	22.87
100		135	67	23.97	23.84	23.04
100		135	136	23.50	22.82	22.48
100		270	0	23.34	22.81	22.79
100	DFT-s-OFDM QPSK	1	1	24.30	24.38	24.24
100		1	136	24.14	23.93	23.07
100		1	271	23.67	22.91	23.45
100		135	1	22.60	22.85	22.36
100		135	67	23.97	24.07	24.01
100		135	136	23.02	22.25	22.00
100		270	0	22.82	23.01	22.26
100	DFT-s-OFDM 16QAM	1	1	22.02	23.10	22.91
100	DFT-s-OFDM 64QAM	1	1	20.48	21.40	21.31
100	DFT-s-OFDM 256QAM	1	1	18.63	19.63	19.51
100	CP-OFDM QPSK	1	1	21.32	22.24	22.11
100	CP-OFDM 16QAM	1	1	21.35	22.29	22.08
100	CP-OFDM 64QAM	1	1	19.17	20.11	19.95
100	CP-OFDM 256QAM	1	1	16.20	18.44	17.34
Channel				508200	518598	528996
Frequency (MHz)				2541	2592.99	2644.98
90	DFT-s-OFDM QPSK	1	1	22.87	23.93	23.52
Channel				507204	518598	529998
Frequency (MHz)				2536.02	2592.99	2649.99
80	DFT-s-OFDM QPSK	1	1	22.91	24.03	23.34
Channel				506202	518598	531000
Frequency (MHz)				2531.01	2592.99	2655
70	DFT-s-OFDM QPSK	1	1	22.87	24.03	23.09
Channel				505200	518598	531996
Frequency (MHz)				2526	2592.99	2659.98
60	DFT-s-OFDM QPSK	1	1	22.77	23.94	22.90



Channel				504204	518598	532998
Frequency (MHz)				2521.02	2592.99	2664.99
50	DFT-s-OFDM QPSK	1	1	22.84	23.98	22.81
Channel				503202	518598	534000
Frequency (MHz)				2516.01	2592.99	2670
40	DFT-s-OFDM QPSK	1	1	22.97	23.96	22.74
Channel				502200	518598	534996
Frequency (MHz)				2511	2592.99	2674.98
30	DFT-s-OFDM QPSK	1	1	22.89	23.96	22.74
Channel				501204	518598	535998
Frequency (MHz)				2506.02	2592.99	2679.99
20	DFT-s-OFDM QPSK	1	1	22.82	23.88	22.89
Channel				500700	518598	536496
Frequency (MHz)				2503.5	2592.99	2682.48
15	DFT-s-OFDM QPSK	1	1	22.80	23.82	23.01
Channel				500202	518598	537000
Frequency (MHz)				2501.01	2592.99	2685
10	DFT-s-OFDM QPSK	1	1	22.86	23.84	23.21

n66						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel				346000	349000	352000
Frequency (MHz)				1730	1745	1760
40	DFT-s-OFDM PI/2 BPSK	1	1	23.64	23.80	23.89
40		1	108	23.85	23.88	23.66
40		1	214	23.87	21.99	23.77
40		108	1	23.46	23.46	23.49
40		108	54	23.91	23.91	23.76
40		108	108	23.56	23.21	23.16
40		216	0	23.47	22.02	23.33
40	DFT-s-OFDM QPSK	1	1	23.98	24.05	23.88
40		1	108	23.85	23.89	23.66
40		1	214	23.81	23.74	23.78
40		108	1	22.87	22.88	22.89
40		108	54	23.95	23.96	23.76
40		108	108	23.09	22.82	22.69
40		216	0	22.87	22.90	22.80



40	DFT-s-OFDM 16QAM	1	1	22.89	23.07	23.25
40	DFT-s-OFDM 64QAM	1	1	21.25	21.43	21.52
40	DFT-s-OFDM 256QAM	1	1	19.25	19.42	19.86
40	CP-OFDM QPSK	1	1	22.13	22.29	22.46
40	CP-OFDM 16QAM	1	1	21.87	22.12	22.07
40	CP-OFDM 64QAM	1	1	20.16	20.12	20.19
40	CP-OFDM 256QAM	1	1	17.30	18.07	17.57
Channel				345000	349000	353000
Frequency (MHz)				1725	1745	1765
30	DFT-s-OFDM QPSK	1	1	23.61	23.83	23.77
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1770
20	DFT-s-OFDM QPSK	1	1	23.76	23.89	23.67
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	23.76	23.87	23.59
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	23.81	23.89	23.58
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	23.78	23.85	23.60

n71						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel				134600	136100	137600
Frequency (MHz)				673	680.5	688
20	DFT-s-OFDM PI/2 BPSK	1	1	22.84	23.19	23.26
20		1	53	23.36	23.20	23.10
20		1	104	23.13	23.12	23.15
20		50	1	22.42	22.73	22.78
20		50	25	23.21	23.30	23.23
20		50	50	22.81	22.71	22.68
20		100	0	22.73	22.66	22.71
20	DFT-s-OFDM QPSK	1	1	23.87	23.90	23.83
20		1	53	23.28	23.20	23.11
20		1	104	23.12	23.13	23.17



20		50	1	22.12	22.21	22.20
20		50	25	23.24	23.25	23.10
20		50	50	22.51	22.32	22.37
20		100	0	23.00	23.20	23.00
20	DFT-s-OFDM 16QAM	1	1	22.22	22.48	22.55
20	DFT-s-OFDM 64QAM	1	1	20.46	20.80	20.89
20	DFT-s-OFDM 256QAM	1	1	18.07	19.02	19.06
20	CP-OFDM QPSK	1	1	21.51	21.85	21.70
20	CP-OFDM 16QAM	1	1	21.26	21.62	21.59
20	CP-OFDM 64QAM	1	1	19.15	19.50	19.53
20	CP-OFDM 256QAM	1	1	17.17	17.64	17.56
Channel				134100	136100	138100
Frequency (MHz)				670.5	680.5	690.5
15	DFT-s-OFDM QPSK	1	1	22.81	23.28	23.14
Channel				133600	136100	138600
Frequency (MHz)				668	680.5	693
10	DFT-s-OFDM QPSK	1	1	22.80	23.27	23.10
Channel				133100	136100	139100
Frequency (MHz)				665.5	680.5	695.5
5	DFT-s-OFDM QPSK	1	1	22.76	23.19	23.10

n77(3450-3550MHz) (PC2)						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel					633334	
Frequency (MHz)					3500.01	
100	DFT-s-OFDM PI/2 BPSK	1	1		25.93	
100		1	136		25.83	
100		1	271		25.56	
100		135	1		25.42	
100		135	67		25.89	
100		135	136		25.05	
100		270	0		24.59	
100	DFT-s-OFDM QPSK	1	1		26.12	
100		1	136		26.10	
100		1	271		25.72	
100		135	1		25.63	
100		135	67		25.85	



100		135	136		24.57	
100		270	0		24.88	
100	DFT-s-OFDM 16QAM	1	1		25.24	
100	DFT-s-OFDM 64QAM	1	1		23.52	
100	DFT-s-OFDM 256QAM	1	1		21.73	
100	CP-OFDM QPSK	1	1		24.48	
100	CP-OFDM 16QAM	1	1		24.37	
100	CP-OFDM 64QAM	1	1		22.21	
100	CP-OFDM 256QAM	1	1		19.82	
Channel				633000	633334	633666
Frequency (MHz)				3495	3500.01	3504.99
90	DFT-s-OFDM QPSK	1	1	25.88	25.89	25.82
Channel				632668	633334	634000
Frequency (MHz)				3490.02	3500.01	3510
80	DFT-s-OFDM QPSK	1	1	25.96	25.93	25.82
Channel				632334	633334	634332
Frequency (MHz)				3485.01	3500.01	3514.98
70	DFT-s-OFDM QPSK	1	1	25.95	25.85	25.69
Channel				632000	633334	634666
Frequency (MHz)				3480	3500.01	3519.99
60	DFT-s-OFDM QPSK	1	1	25.88	25.80	25.65
Channel				631668	633334	635000
Frequency (MHz)				3475.02	3500.01	3525
50	DFT-s-OFDM QPSK	1	1	25.94	25.86	25.68
Channel				631334	633334	635332
Frequency (MHz)				3470.01	3500.01	3529.98
40	DFT-s-OFDM QPSK	1	1	26.00	25.78	25.61
Channel				631000	633334	635666
Frequency (MHz)				3465	3500.01	3534.99
30	DFT-s-OFDM QPSK	1	1	26.09	25.82	25.48
Channel				630668	633334	636000
Frequency (MHz)				3460.02	3500.01	3540
20	DFT-s-OFDM QPSK	1	1	26.01	25.81	25.45
Channel				630500	633334	636166
Frequency (MHz)				3457.5	3500.01	3542.49
15	DFT-s-OFDM QPSK	1	1	26.01	25.81	25.48
Channel				630334	633334	636332
Frequency (MHz)				3455.01	3500.01	3544.98



10	DFT-s-OFDM QPSK	1	1	26.05	25.85	25.61
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n77(3700-3980MHz) (PC2)						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	25.74	25.39	25.47
100		1	136	25.74	25.69	25.18
100		1	271	25.56	25.41	25.83
100		135	1	25.58	25.05	24.85
100		135	67	25.82	25.77	25.18
100		135	136	25.07	24.88	24.92
100		270	0	25.32	25.25	24.79
100	DFT-s-OFDM QPSK	1	1	26.28	26.39	26.08
100		1	136	25.91	25.87	25.20
100		1	271	25.74	25.55	26.01
100		135	1	25.08	24.53	24.35
100		135	67	25.70	25.75	25.65
100		135	136	24.58	24.37	24.42
100		270	0	24.80	24.86	24.31
100	DFT-s-OFDM 16QAM	1	1	24.92	24.52	24.56
100	DFT-s-OFDM 64QAM	1	1	23.28	22.85	22.88
100	DFT-s-OFDM 256QAM	1	1	21.48	21.03	21.13
100	CP-OFDM QPSK	1	1	24.13	23.82	23.89
100	CP-OFDM 16QAM	1	1	24.04	23.56	23.64
100	CP-OFDM 64QAM	1	1	22.03	21.60	21.71
100	CP-OFDM 256QAM	1	1	19.46	19.07	19.21
Channel				649666	656000	662332
Frequency (MHz)				3744.99	3840	3934.98
90	DFT-s-OFDM QPSK	1	1	25.74	25.47	25.42
Channel				649334	656000	662666
Frequency (MHz)				3740.01	3840	3939.99
80	DFT-s-OFDM QPSK	1	1	25.79	25.53	25.33
Channel				649000	656000	663000
Frequency (MHz)				3735	3840	3945
70	DFT-s-OFDM QPSK	1	1	25.80	25.55	25.20
Channel				648668	656000	663332



Frequency (MHz)					3730.02	3840	3949.98
60	DFT-s-OFDM QPSK	1	1	25.76	25.35	24.93	
Channel					648334	656000	663666
Frequency (MHz)					3725.01	3840	3954.99
50	DFT-s-OFDM QPSK	1	1	25.79	25.37	24.97	
Channel					648000	656000	664000
Frequency (MHz)					3720	3840	3960
40	DFT-s-OFDM QPSK	1	1	25.83	25.40	25.10	
Channel					647668	656000	664332
Frequency (MHz)					3715.02	3840	3964.98
30	DFT-s-OFDM QPSK	1	1	25.85	25.45	25.32	
Channel					647334	656000	664666
Frequency (MHz)					3710.01	3840	3969.99
20	DFT-s-OFDM QPSK	1	1	25.80	25.53	25.46	
Channel					647168	656000	664832
Frequency (MHz)					3707.52	3840	3972.48
15	DFT-s-OFDM QPSK	1	1	25.84	25.62	25.58	
Channel					647000	656000	665000
Frequency (MHz)					3705	3840	3975
10	DFT-s-OFDM QPSK	1	1	25.83	25.72	18.47	

n77(3450-3550MHz) (PC3)						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel					633334	
Frequency (MHz)					3500.01	
100	DFT-s-OFDM PI/2 BPSK	1	1		22.96	
100		1	136		22.77	
100		1	271		22.56	
100		135	1		22.40	
100		135	67		22.88	
100		135	136		22.06	
100		270	0		22.40	
100		DFT-s-OFDM QPSK	1	1		23.02
100	1		136		22.94	
100	1		271		22.57	
100	135		1		21.66	



100		135	67		22.82	
100		135	136		21.48	
100		270	0		21.85	
100	DFT-s-OFDM 16QAM	1	1		22.10	
100	DFT-s-OFDM 64QAM	1	1		20.45	
100	DFT-s-OFDM 256QAM	1	1		18.59	
100	CP-OFDM QPSK	1	1		21.35	
100	CP-OFDM 16QAM	1	1		21.26	
100	CP-OFDM 64QAM	1	1		19.24	
100	CP-OFDM 256QAM	1	1		17.56	
Channel				633000	633334	633666
Frequency (MHz)				3495	3500.01	3504.99
90	DFT-s-OFDM QPSK	1	1	22.91	22.91	22.86
Channel				632668	633334	634000
Frequency (MHz)				3490.02	3500.01	3510
80	DFT-s-OFDM QPSK	1	1	22.95	22.98	22.83
Channel				632334	633334	634332
Frequency (MHz)				3485.01	3500.01	3514.98
70	DFT-s-OFDM QPSK	1	1	22.95	22.94	22.76
Channel				632000	633334	634666
Frequency (MHz)				3480	3500.01	3519.99
60	DFT-s-OFDM QPSK	1	1	22.93	22.84	22.66
Channel				631668	633334	635000
Frequency (MHz)				3475.02	3500.01	3525
50	DFT-s-OFDM QPSK	1	1	22.95	22.79	22.67
Channel				631334	633334	635332
Frequency (MHz)				3470.01	3500.01	3529.98
40	DFT-s-OFDM QPSK	1	1	23.07	22.85	22.66
Channel				631000	633334	635666
Frequency (MHz)				3465	3500.01	3534.99
30	DFT-s-OFDM QPSK	1	1	23.05	22.71	22.50
Channel				630668	633334	636000
Frequency (MHz)				3460.02	3500.01	3540
20	DFT-s-OFDM QPSK	1	1	23.03	22.81	22.47
Channel				630500	633334	636166
Frequency (MHz)				3457.5	3500.01	3542.49
15	DFT-s-OFDM QPSK	1	1	23.06	22.82	22.42
Channel				630334	633334	636332



Frequency (MHz)				3455.01	3500.01	3544.98
10	DFT-s-OFDM QPSK	1	1	23.03	22.85	22.52

n77(3700-3980MHz) (PC3)						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel				650000	656000	662000
Frequency (MHz)				3750	3840	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	22.74	22.36	22.39
100		1	136	22.70	22.67	21.99
100		1	271	22.57	22.39	22.71
100		135	1	22.53	22.00	21.77
100		135	67	22.78	22.72	22.09
100		135	136	22.00	21.81	21.85
100		270	0	22.26	22.21	21.72
100	DFT-s-OFDM QPSK	1	1	23.12	23.23	23.10
100		1	136	23.04	22.69	22.08
100		1	271	22.56	22.36	22.76
100		135	1	22.03	21.14	21.27
100		135	67	22.77	22.90	22.10
100		135	136	21.51	21.38	21.37
100		270	0	21.75	22.20	21.24
100	DFT-s-OFDM 16QAM	1	1	21.96	21.98	21.77
100	DFT-s-OFDM 64QAM	1	1	20.18	20.17	19.87
100	DFT-s-OFDM 256QAM	1	1	18.37	18.57	18.06
100	CP-OFDM QPSK	1	1	21.15	21.07	20.85
100	CP-OFDM 16QAM	1	1	20.97	20.92	20.54
100	CP-OFDM 64QAM	1	1	18.96	18.82	18.70
100	CP-OFDM 256QAM	1	1	17.24	16.98	16.92
Channel				649666	656000	662332
Frequency (MHz)				3744.99	3840	3934.98
90	DFT-s-OFDM QPSK	1	1	22.76	22.44	22.42
Channel				649334	656000	662666
Frequency (MHz)				3740.01	3840	3939.99
80	DFT-s-OFDM QPSK	1	1	22.76	22.45	22.25
Channel				649000	656000	663000
Frequency (MHz)				3735	3840	3945
70	DFT-s-OFDM QPSK	1	1	22.74	22.47	22.15



Channel				648668	656000	663332
Frequency (MHz)				3730.02	3840	3949.98
60	DFT-s-OFDM QPSK	1	1	22.69	22.34	21.93
Channel				648334	656000	663666
Frequency (MHz)				3725.01	3840	3954.99
50	DFT-s-OFDM QPSK	1	1	22.70	22.37	21.92
Channel				648000	656000	664000
Frequency (MHz)				3720	3840	3960
40	DFT-s-OFDM QPSK	1	1	22.78	22.38	22.05
Channel				647668	656000	664332
Frequency (MHz)				3715.02	3840	3964.98
30	DFT-s-OFDM QPSK	1	1	22.78	22.42	22.23
Channel				647334	656000	664666
Frequency (MHz)				3710.01	3840	3969.99
20	DFT-s-OFDM QPSK	1	1	22.75	22.55	22.39
Channel				647168	656000	664832
Frequency (MHz)				3707.52	3840	3972.48
15	DFT-s-OFDM QPSK	1	1	22.79	22.53	22.52
Channel				647000	656000	665000
Frequency (MHz)				3705	3840	3975
10	DFT-s-OFDM QPSK	1	1	22.80	22.60	22.71

n78(3450-3550MHz)(PC2)						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel					633334	
Frequency (MHz)					3500.01	
100	DFT-s-OFDM PI/2 BPSK	1	1		25.89	
100		1	136		25.86	
100		1	271		25.52	
100		135	1		25.42	
100		135	67		25.90	
100		135	136		25.01	
100		270	0		25.38	
100		DFT-s-OFDM QPSK	1	1		26.21
100	1		136		26.13	
100	1		271		25.71	
100	135		1		24.87	



100		135	67		25.81	
100		135	136		24.49	
100		270	0		24.82	
100	DFT-s-OFDM 16QAM	1	1		25.16	
100	DFT-s-OFDM 64QAM	1	1		23.48	
100	DFT-s-OFDM 256QAM	1	1		18.30	
100	CP-OFDM QPSK	1	1		25.95	
100	CP-OFDM 16QAM	1	1		24.35	
100	CP-OFDM 64QAM	1	1		22.21	
100	CP-OFDM 256QAM	1	1		19.72	
Channel				633000	633334	633666
Frequency (MHz)				3495	3500.01	3504.99
90	DFT-s-OFDM QPSK	1	1	25.86	25.84	25.83
Channel				632668	633334	634000
Frequency (MHz)				3490.02	3500.01	3510
80	DFT-s-OFDM QPSK	1	1	25.95	25.90	25.80
Channel				632334	633334	634332
Frequency (MHz)				3485.01	3500.01	3514.98
70	DFT-s-OFDM QPSK	1	1	25.93	25.85	25.75
Channel				632000	633334	634666
Frequency (MHz)				3480	3500.01	3519.99
60	DFT-s-OFDM QPSK	1	1	25.93	25.80	25.70
Channel				631668	633334	635000
Frequency (MHz)				3475.02	3500.01	3525
50	DFT-s-OFDM QPSK	1	1	25.90	25.73	25.70
Channel				631334	633334	635332
Frequency (MHz)				3470.01	3500.01	3529.98
40	DFT-s-OFDM QPSK	1	1	25.98	25.86	25.50
Channel				631000	633334	635666
Frequency (MHz)				3465	3500.01	3534.99
30	DFT-s-OFDM QPSK	1	1	26.01	25.85	25.37
Channel				630668	633334	636000
Frequency (MHz)				3460.02	3500.01	3540
20	DFT-s-OFDM QPSK	1	1	25.98	25.81	25.38
Channel				630500	633334	636166
Frequency (MHz)				3457.5	3500.01	3542.49
15	DFT-s-OFDM QPSK	1	1	25.97	25.75	25.38
Channel				630334	633334	636332



Frequency (MHz)				3455.01	3500.01	3544.98
10	DFT-s-OFDM QPSK	1	1	25.98	25.82	25.48

n78(3700-3800MHz)(PC2)						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel					650000	
Frequency (MHz)					3750	
100	DFT-s-OFDM PI/2 BPSK	1	1		25.73	
100		1	136		25.75	
100		1	271		25.49	
100		135	1		25.59	
100		135	67		25.79	
100		135	136		25.82	
100		270	0		25.33	
100		DFT-s-OFDM QPSK	1	1		26.16
100	1		136		26.06	
100	1		271		25.53	
100	135		1		25.14	
100	135		67		25.78	
100	135		136		24.56	
100	270		0		24.82	
100	DFT-s-OFDM 16QAM		1	1		24.98
100	DFT-s-OFDM 64QAM	1	1		23.26	
100	DFT-s-OFDM 256QAM	1	1		21.46	
100	CP-OFDM QPSK	1	1		24.13	
100	CP-OFDM 16QAM	1	1		24.10	
100	CP-OFDM 64QAM	1	1		22.05	
100	CP-OFDM 256QAM	1	1		19.49	
Channel				649668	650000	650332
Frequency (MHz)				3745.02	3750	3754.98
90	DFT-s-OFDM QPSK	1	1	25.75	25.83	25.85
Channel				649334	650000	650666
Frequency (MHz)				3740.01	3750	3759.99
80	DFT-s-OFDM QPSK	1	1	25.82	25.92	26.02
Channel				649000	650000	651000
Frequency (MHz)				3735	3750	3765
70	DFT-s-OFDM QPSK	1	1	25.81	25.95	26.01



Channel					648668	650000	651332
Frequency (MHz)					3730.02	3750	3769.98
60	DFT-s-OFDM	QPSK	1	1	25.69	25.90	25.71
Channel					648334	650000	651666
Frequency (MHz)					3725.01	3750	3774.99
50	DFT-s-OFDM	QPSK	1	1	25.71	25.92	25.63
Channel					648000	650000	652000
Frequency (MHz)					3720	3750	3780
40	DFT-s-OFDM	QPSK	1	1	25.74	25.94	25.54
Channel					647668	650000	652332
Frequency (MHz)					3715.02	3750	3784.98
30	DFT-s-OFDM	QPSK	1	1	25.81	25.89	25.54
Channel					647334	650000	652666
Frequency (MHz)					3710.01	3750	3789.99
20	DFT-s-OFDM	QPSK	1	1	25.76	25.82	25.48
Channel					647168	650000	652832
Frequency (MHz)					3707.52	3750	3792.48
15	DFT-s-OFDM	QPSK	1	1	25.78	25.77	25.45
Channel					647000	650000	653000
Frequency (MHz)					3705	3750	3795
10	DFT-s-OFDM	QPSK	1	1	25.84	25.80	25.54

n78(3450-3550MHz)(PC3)						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel					633334	
Frequency (MHz)					3500.01	
100	DFT-s-OFDM PI/2 BPSK	1	1		22.93	
100		1	136		22.85	
100		1	271		22.51	
100		135	1		22.38	
100		135	67		22.88	
100		135	136		22.08	
100		270	0		22.36	
100	DFT-s-OFDM QPSK	1	1		22.96	
100		1	136		22.82	
100		1	271		22.50	
100		135	1		21.73	



100		135	67		22.86	
100		135	136		21.48	
100		270	0		21.84	
100	DFT-s-OFDM 16QAM	1	1		22.06	
100	DFT-s-OFDM 64QAM	1	1		20.39	
100	DFT-s-OFDM 256QAM	1	1		19.66	
100	CP-OFDM QPSK	1	1		21.35	
100	CP-OFDM 16QAM	1	1		21.15	
100	CP-OFDM 64QAM	1	1		19.18	
100	CP-OFDM 256QAM	1	1		17.65	
Channel				633000	633334	633666
Frequency (MHz)				3495	3500.01	3504.99
90	DFT-s-OFDM QPSK	1	1	22.87	22.86	22.83
Channel				632668	633334	634000
Frequency (MHz)				3490.02	3500.01	3510
80	DFT-s-OFDM QPSK	1	1	22.91	22.85	22.78
Channel				632334	633334	634332
Frequency (MHz)				3485.01	3500.01	3514.98
70	DFT-s-OFDM QPSK	1	1	22.95	22.90	22.71
Channel				632000	633334	634666
Frequency (MHz)				3480	3500.01	3519.99
60	DFT-s-OFDM QPSK	1	1	22.85	22.77	22.71
Channel				631668	633334	635000
Frequency (MHz)				3475.02	3500.01	3525
50	DFT-s-OFDM QPSK	1	1	22.91	22.77	22.71
Channel				631334	633334	635332
Frequency (MHz)				3470.01	3500.01	3529.98
40	DFT-s-OFDM QPSK	1	1	22.99	22.86	22.52
Channel				631000	633334	635666
Frequency (MHz)				3465	3500.01	3534.99
30	DFT-s-OFDM QPSK	1	1	22.91	22.72	22.29
Channel				630668	633334	636000
Frequency (MHz)				3460.02	3500.01	3540
20	DFT-s-OFDM QPSK	1	1	22.96	22.75	22.30
Channel				630500	633334	636166
Frequency (MHz)				3457.5	3500.01	3542.49
15	DFT-s-OFDM QPSK	1	1	22.93	22.66	22.25
Channel				630334	633334	636332



Frequency (MHz)				3455.01	3500.01	3544.98
10	DFT-s-OFDM QPSK	1	1	22.90	22.74	22.35

n78(3700-3800MHz)(PC3)						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel					650000	
Frequency (MHz)					3750	
100	DFT-s-OFDM PI/2 BPSK	1	1		22.70	
100		1	136		22.67	
100		1	271		22.45	
100		135	1		22.55	
100		135	67		22.75	
100		135	136		22.00	
100		270	0		22.27	
100		DFT-s-OFDM QPSK	1	1		22.88
100	1		136		22.82	
100	1		271		22.54	
100	135		1		22.07	
100	135		67		22.75	
100	135		136		21.47	
100	270		0		21.74	
100	DFT-s-OFDM 16QAM		1	1		17.65
100	DFT-s-OFDM 64QAM	1	1		20.23	
100	DFT-s-OFDM 256QAM	1	1		19.33	
100	CP-OFDM QPSK	1	1		21.12	
100	CP-OFDM 16QAM	1	1		20.97	
100	CP-OFDM 64QAM	1	1		18.98	
100	CP-OFDM 256QAM	1	1		17.30	
Channel				649668	650000	650332
Frequency (MHz)				3745.02	3750	3754.98
90	DFT-s-OFDM QPSK	1	1	22.73	22.82	22.85
Channel				649334	650000	650666
Frequency (MHz)				3740.01	3750	3759.99
80	DFT-s-OFDM QPSK	1	1	22.75	22.91	22.95
Channel				649000	650000	651000
Frequency (MHz)				3735	3750	3765
70	DFT-s-OFDM QPSK	1	1	22.79	22.91	22.94



Channel					648668	650000	651332
Frequency (MHz)					3730.02	3750	3769.98
60	DFT-s-OFDM QPSK	1	1	22.66	22.86	22.67	
Channel					648334	650000	651666
Frequency (MHz)					3725.01	3750	3774.99
50	DFT-s-OFDM QPSK	1	1	22.68	22.89	22.59	
Channel					648000	650000	652000
Frequency (MHz)					3720	3750	3780
40	DFT-s-OFDM QPSK	1	1	22.67	22.94	22.56	
Channel					647668	650000	652332
Frequency (MHz)					3715.02	3750	3784.98
30	DFT-s-OFDM QPSK	1	1	22.78	22.88	22.53	
Channel					647334	650000	652666
Frequency (MHz)					3710.01	3750	3789.99
20	DFT-s-OFDM QPSK	1	1	22.70	22.79	22.42	
Channel					647168	650000	652832
Frequency (MHz)					3707.52	3750	3792.48
15	DFT-s-OFDM QPSK	1	1	22.70	22.72	22.46	
Channel					647000	650000	653000
Frequency (MHz)					3705	3750	3795
10	DFT-s-OFDM QPSK	1	1	22.79	22.76	22.50	

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BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel				509202	518598	528000
Frequency (MHz)				2546.01	2592.99	2640
100	DFT-s-OFDM PI/2 BPSK	1	1	22.95	23.79	23.65
100		1	136	23.87	23.64	22.89
100		1	271	23.71	22.86	23.56
100		135	1	23.03	23.44	22.82
100		135	67	23.84	23.88	23.10
100		135	136	23.38	22.74	22.43
100		270	0	22.78	22.88	22.82
100		DFT-s-OFDM QPSK	1	1	22.97	23.78
100	1		136	23.98	23.70	22.86
100	1		271	23.57	22.78	23.43
100	135		1	22.51	22.97	22.47



100		135	67	23.93	23.71	22.96
100		135	136	22.87	22.25	22.00
100		270	0	22.78	22.76	22.25
100	DFT-s-OFDM 16QAM	1	1	22.04	22.88	22.20
100	DFT-s-OFDM 64QAM	1	1	21.55	21.60	21.32
100	DFT-s-OFDM 256QAM	1	1	18.48	19.34	19.13
100	CP-OFDM QPSK	1	1	21.53	22.26	22.19
100	CP-OFDM 16QAM	1	1	20.91	21.72	21.57
100	CP-OFDM 64QAM	1	1	19.97	20.85	20.60
100	CP-OFDM 256QAM	1	1	18.09	18.10	17.01
Channel				508200	518598	528996
Frequency (MHz)				2541	2592.99	2644.98
90	DFT-s-OFDM QPSK	1	1	22.93	23.85	23.51
Channel				507204	518598	529998
Frequency (MHz)				2536.02	2592.99	2649.99
80	DFT-s-OFDM QPSK	1	1	23.00	23.99	23.37
Channel				506202	518598	531000
Frequency (MHz)				2531.01	2592.99	2655
70	DFT-s-OFDM QPSK	1	1	22.91	23.98	23.06
Channel				505200	518598	531996
Frequency (MHz)				2526	2592.99	2659.98
60	DFT-s-OFDM QPSK	1	1	22.84	23.91	22.83
Channel				504204	518598	532998
Frequency (MHz)				2521.02	2592.99	2664.99
50	DFT-s-OFDM QPSK	1	1	22.90	23.89	22.80
Channel				503202	518598	534000
Frequency (MHz)				2516.01	2592.99	2670
40	DFT-s-OFDM QPSK	1	1	22.93	23.84	22.73
Channel				502200	518598	534996
Frequency (MHz)				2511	2592.99	2674.98
30	DFT-s-OFDM QPSK	1	1	22.93	23.78	22.76
Channel				501204	518598	535998
Frequency (MHz)				2506.02	2592.99	2679.99
20	DFT-s-OFDM QPSK	1	1	22.84	23.71	22.87
Channel				500700	518598	536496
Frequency (MHz)				2503.5	2592.99	2682.48
15	DFT-s-OFDM QPSK	1	1	22.82	23.71	22.95
Channel				500202	518598	537000



Frequency (MHz)				2501.01	2592.99	2685
10	DFT-s-OFDM QPSK	1	1	22.85	23.71	23.20

B66_n71						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel				134600	136100	137600
Frequency (MHz)				673	680.5	688
20	DFT-s-OFDM PI/2 BPSK	1	1	22.28	22.64	22.69
20		1	53	22.73	22.66	22.55
20		1	104	22.55	22.55	22.64
20		50	1	22.54	22.64	22.65
20		50	25	22.67	22.62	22.55
20		50	50	22.76	22.54	22.62
20		100	0	22.64	22.59	22.67
20	DFT-s-OFDM QPSK	1	1	22.30	22.66	22.72
20		1	53	22.75	22.69	22.60
20		1	104	22.59	22.58	22.65
20		50	1	22.01	22.16	22.20
20		50	25	22.74	22.63	22.55
20		50	50	22.28	22.10	22.16
20		100	0	22.05	22.14	22.16
20	DFT-s-OFDM 16QAM	1	1	22.03	22.24	22.29
20	DFT-s-OFDM 64QAM	1	1	20.66	20.81	20.88
20	DFT-s-OFDM 256QAM	1	1	17.80	18.71	18.73
20	CP-OFDM QPSK	1	1	21.32	21.68	21.69
20	CP-OFDM 16QAM	1	1	20.68	21.34	21.10
20	CP-OFDM 64QAM	1	1	19.68	20.05	20.09
20	CP-OFDM 256QAM	1	1	15.80	16.74	16.73
Channel				134100	136100	138100
Frequency (MHz)				670.5	680.5	690.5
15	DFT-s-OFDM QPSK	1	1	22.32	22.76	22.61
Channel				133600	136100	138600
Frequency (MHz)				668	680.5	693
10	DFT-s-OFDM QPSK	1	1	22.32	22.78	22.57
Channel				133100	136100	139100
Frequency (MHz)				665.5	680.5	695.5
5	DFT-s-OFDM QPSK	1	1	22.27	22.71	22.62



Effective Radiated Power and Effective Isotropic Radiated Power:

Worse case:

n2									
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
Channel				372000	372000	376000	376000	380000	380000
Frequency (MHz)				1860.00	1860.00	1880.00	1880.00	1900.00	1900.00
20	DFT-s-OFDM PI/2 BPSK	1	1	22.33	0.171	22.01	0.159	21.90	0.155
20		1	53	22.32	0.171	21.86	0.153	22.18	0.165
20		1	104	22.15	0.164	21.90	0.155	22.22	0.167
20		50	1	21.85	0.153	21.48	0.141	21.49	0.141
20		50	25	22.35	0.172	21.90	0.155	21.27	0.134
20		50	50	21.91	0.155	21.33	0.136	21.75	0.150
20		100	0	21.96	0.157	21.39	0.138	21.61	0.145
20	DFT-s-OFDM QPSK	1	1	22.53	0.179	22.55	0.180	22.50	0.178
20		1	53	22.49	0.177	21.89	0.155	22.21	0.166
20		1	104	22.14	0.164	21.99	0.158	22.23	0.167
20		50	1	21.37	0.137	20.99	0.126	21.03	0.127
20		50	25	22.30	0.170	22.33	0.171	22.26	0.168
20		50	50	21.20	0.132	20.83	0.121	21.15	0.130
20	100	0	21.00	0.126	21.13	0.130	21.12	0.129	
20	DFT-s-OFDM 16QAM	1	1	21.53	0.142	21.37	0.137	21.22	0.132
20	DFT-s-OFDM 64QAM	1	1	19.92	0.098	19.80	0.095	19.71	0.094
20	DFT-s-OFDM 256QAM	1	1	17.98	0.063	17.64	0.058	17.52	0.056
20	CP-OFDM QPSK	1	1	20.78	0.120	20.49	0.112	20.37	0.109
20	CP-OFDM 16QAM	1	1	20.49	0.112	20.22	0.105	20.11	0.103



20	CP-OFDM 64QAM	1	1	18.59	0.072	18.32	0.068	18.19	0.066
20	CP-OFDM 256QAM	1	1	15.95	0.039	15.70	0.037	15.58	0.036
Channel				371500	371500	376000	376000	380500	380500
Frequency (MHz)				1857.50	1857.50	1880.00	1880.00	1902.50	1902.50
15	DFT-s-OFDM QPSK	1	1	22.32	0.171	21.93	0.156	22.01	0.159
Channel				371000	371000	376000	376000	381000	381000
Frequency (MHz)				1855.00	1855.00	1880.00	1880.00	1905.00	1905.00
10	DFT-s-OFDM QPSK	1	1	22.36	0.172	21.94	0.156	22.16	0.164
Channel				370500	370500	376000	376000	381500	381500
Frequency (MHz)				1852.50	1852.50	1880.00	1880.00	1907.50	1907.50
5	DFT-s-OFDM QPSK	1	1	22.45	0.176	21.93	0.156	22.29	0.169

n5 (PC3)									
BW [M Hz]	Modulation	R B Si ze	RB Off set	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
Channel				166800	166800	167300	167300	167800	167800
Frequency (MHz)				834.00	834.00	836.50	836.50	839.00	839.00
20	DFT-s-OFDM PI/2 BPSK	1	1	16.65	0.046	16.67	0.046	16.70	0.047
20		1	53	16.65	0.046	16.66	0.046	16.62	0.046
20		1	104	16.64	0.046	16.66	0.046	16.52	0.045
20		50	1	16.16	0.041	16.17	0.041	16.21	0.042
20		50	25	16.68	0.047	16.63	0.046	16.61	0.046
20		50	50	16.09	0.041	16.09	0.041	16.07	0.040
20		10 0	0	16.15	0.041	16.24	0.042	16.14	0.041
20	DFT-s-OFDM QPSK	1	1	17.03	0.050	17.15	0.052	17.01	0.050
20		1	53	16.61	0.046	16.84	0.048	16.63	0.046
20		1	104	16.60	0.046	16.61	0.046	16.57	0.045
20		50	1	15.64	0.037	15.71	0.037	15.70	0.037
20		50	25	16.67	0.046	16.68	0.047	16.63	0.046



20		50	50	15.57	0.036	15.57	0.036	15.57	0.036
20		100	0	15.67	0.037	15.68	0.037	15.65	0.037
20	DFT-s-OFDM 16QAM	1	1	15.88	0.039	15.91	0.039	15.96	0.039
20	DFT-s-OFDM 64QAM	1	1	14.27	0.027	14.28	0.027	14.47	0.028
20	DFT-s-OFDM 256QAM	1	1	12.25	0.017	12.26	0.017	12.27	0.017
20	CP-OFDM QPSK	1	1	15.17	0.033	15.14	0.033	15.15	0.033
20	CP-OFDM 16QAM	1	1	14.86	0.031	14.90	0.031	14.91	0.031
20	CP-OFDM 64QAM	1	1	12.96	0.020	12.98	0.020	13.01	0.020
20	CP-OFDM 256QAM	1	1	10.41	0.011	10.45	0.011	10.45	0.011
Channel				166300	166300	167300	167300	168300	168300
Frequency (MHz)				831.50	831.50	836.50	836.50	841.50	841.50
15	DFT-s-OFDM QPSK	1	1	16.65	0.046	16.68	0.047	16.67	0.046
Channel				165800	165800	167300	167300	168800	168800
Frequency (MHz)				829.00	829.00	836.50	836.50	844.00	844.00
10	DFT-s-OFDM QPSK	1	1	16.73	0.047	16.63	0.046	16.65	0.046
Channel				165300	165300	167300	167300	169300	169300
Frequency (MHz)				826.50	826.50	836.50	836.50	846.50	846.50
5	DFT-s-OFDM QPSK	1	1	16.58	0.045	16.74	0.047	16.49	0.045

n7									
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
Channel				504000	504000	507000	507000	510000	510000
Frequency (MHz)				2520.00	2520.00	2535.00	2535.00	2550.00	2550.00
40	DFT-s-OFDM PI/2 BPSK	1	1	21.28	0.134	22.26	0.168	22.50	0.178
40		1	108	22.43	0.175	22.66	0.185	21.89	0.155
40		1	214	22.46	0.176	21.77	0.150	21.12	0.129
40		108	1	21.44	0.139	22.03	0.160	21.89	0.155
40		108	54	22.39	0.173	22.55	0.180	21.94	0.156
40		108	108	22.00	0.158	21.67	0.147	20.88	0.122
40		216	0	21.77	0.150	21.80	0.151	21.36	0.137
40	DFT-s-OFDM QPSK	1	1	22.76	0.189	22.86	0.193	22.81	0.191
40		1	108	22.47	0.177	22.61	0.182	21.97	0.157
40		1	214	22.53	0.179	21.70	0.148	21.15	0.130
40		108	1	20.99	0.126	21.50	0.141	21.43	0.139
40		108	54	22.49	0.177	22.52	0.179	22.46	0.176
40		108	108	21.61	0.145	21.13	0.130	20.35	0.108
40		216	0	21.29	0.135	21.41	0.138	21.24	0.133
40	DFT-s-OFDM 16QAM	1	1	20.63	0.116	21.28	0.134	21.78	0.151
40	DFT-s-OFDM 64QAM	1	1	19.00	0.079	19.80	0.095	20.13	0.103
40	DFT-s-OFDM 256QAM	1	1	17.03	0.050	17.84	0.061	18.14	0.065
40	CP-OFDM QPSK	1	1	19.84	0.096	20.64	0.116	20.95	0.124



40	CP-OFDM 16QAM	1	1	19.54	0.090	20.33	0.108	20.59	0.115
40	CP-OFDM 64QAM	1	1	17.68	0.059	18.83	0.076	18.77	0.075
40	CP-OFDM 256QAM	1	1	15.04	0.032	15.84	0.038	16.22	0.042
Channel				503000	503000	507000	507000	511000	511000
Frequency (MHz)				2515.00	2515.00	2535.00	2535.00	2555.00	2555.00
30	DFT-s-OFDM QPSK	1	1	21.28	0.134	22.32	0.171	22.30	0.170
Channel				502500	502500	507000	507000	511500	511500
Frequency (MHz)				2512.50	2512.50	2535.00	2535.00	2557.50	2557.50
25	DFT-s-OFDM QPSK	1	1	21.30	0.135	22.38	0.173	22.08	0.161
Channel				502000	502000	507000	507000	512000	512000
Frequency (MHz)				2510.00	2510.00	2535.00	2535.00	2560.00	2560.00
20	DFT-s-OFDM QPSK	1	1	21.26	0.134	22.47	0.177	21.84	0.153
Channel				501500	501500	507000	507000	512500	512500
Frequency (MHz)				2507.50	2507.50	2535.00	2535.00	2562.50	2562.50
15	DFT-s-OFDM QPSK	1	1	21.28	0.134	22.51	0.178	21.50	0.141
Channel				501000	501000	507000	507000	513000	513000
Frequency (MHz)				2505.00	2505.00	2535.00	2535.00	2565.00	2565.00
10	DFT-s-OFDM QPSK	1	1	21.31	0.135	22.58	0.181	21.28	0.134
Channel				500500	500500	507000	507000	513500	513500
Frequency (MHz)				2502.50	2502.50	2535.00	2535.00	2567.50	2567.50
5	DFT-s-OFDM QPSK	1	1	21.26	0.134	22.52	0.179	21.06	0.128

n25									
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
Channel				374000	374000	376500	376500	379000	379000
Frequency (MHz)				1870.00	1870.00	1882.50	1882.50	1895.00	1895.00
40	DFT-s-OFDM PI/2 BPSK	1	1	22.48	0.177	22.35	0.172	22.37	0.173
40		1	108	22.19	0.166	22.03	0.160	22.47	0.177
40		1	214	22.14	0.164	22.33	0.171	22.39	0.173
40		108	1	21.93	0.156	21.71	0.148	21.91	0.155
40		108	54	21.56	0.143	22.11	0.163	21.58	0.144
40		108	108	21.65	0.146	21.74	0.149	22.17	0.165
40		216	0	21.73	0.149	21.80	0.151	21.97	0.157
40	DFT-s-OFDM QPSK	1	1	22.58	0.181	22.60	0.182	22.56	0.180
40		1	108	22.23	0.167	22.13	0.163	22.47	0.177
40		1	214	22.07	0.161	22.36	0.172	22.44	0.175
40		108	1	21.44	0.139	21.23	0.133	21.35	0.136
40		108	54	22.27	0.169	22.47	0.177	22.43	0.175
40		108	108	21.01	0.126	21.54	0.143	21.53	0.142
40		216	0	21.24	0.133	21.57	0.144	21.46	0.140
40	DFT-s-OFDM 16QAM	1	1	21.70	0.148	21.98	0.158	21.57	0.144
40	DFT-s-OFDM 64QAM	1	1	20.07	0.102	20.33	0.108	19.78	0.095
40	DFT-s-OFDM 256QAM	1	1	18.10	0.065	18.35	0.068	17.88	0.061
40	CP-OFDM QPSK	1	1	20.96	0.125	21.24	0.133	20.70	0.117



40	CP-OFDM 16QAM	1	1	20.69	0.117	20.91	0.123	20.41	0.110
40	CP-OFDM 64QAM	1	1	18.82	0.076	19.06	0.081	18.52	0.071
40	CP-OFDM 256QAM	1	1	16.17	0.041	16.39	0.044	15.89	0.039
Channel				373000	373000	376500	376500	380000	380000
Frequency (MHz)				1865.00	1865.00	1882.50	1882.50	1900.00	1900.00
30	DFT-s-OFDM QPSK	1	1	22.46	0.176	22.18	0.165	21.96	0.157
Channel				372500	372500	376500	376500	380500	380500
Frequency (MHz)				1862.50	1862.50	1882.50	1882.50	1902.50	1902.50
25	DFT-s-OFDM QPSK	1	1	22.43	0.175	22.08	0.161	21.97	0.157
Channel				372000	372000	376500	376500	381000	381000
Frequency (MHz)				1860.00	1860.00	1882.50	1882.50	1905.00	1905.00
20	DFT-s-OFDM QPSK	1	1	22.54	0.179	22.09	0.162	22.11	0.163
Channel				371500	371500	376500	376500	381500	381500
Frequency (MHz)				1857.50	1857.50	1882.50	1882.50	1907.50	1907.50
15	DFT-s-OFDM QPSK	1	1	22.56	0.180	22.05	0.160	22.27	0.169
Channel				371000	371000	376500	376500	382000	382000
Frequency (MHz)				1855.00	1855.00	1882.50	1882.50	1910.00	1910.00
10	DFT-s-OFDM QPSK	1	1	22.55	0.180	22.05	0.160	22.40	0.174
Channel				370500	370500	376500	376500	382500	382500
Frequency (MHz)				1852.50	1852.50	1882.50	1882.50	1912.50	1912.50
5	DFT-s-OFDM QPSK	1	1	22.54	0.179	22.03	0.160	22.30	0.170



n26(814-824MHz) (PC3)									
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
Channel						163800	163800		
Frequency (MHz)						819.00	819.00		
10	DFT-s-OFDM PI/2 BPSK	1	1			16.96	0.050		
10		1	26			16.95	0.050		
10		1	50			17.17	0.052		
10		25	1			16.49	0.045		
10		25	12			16.97	0.050		
10		25	25			16.54	0.045		
10		50	0			16.50	0.045		
10	DFT-s-OFDM QPSK	1	1			17.57	0.057		
10		1	26			16.94	0.049		
10		1	50			17.07	0.051		
10		25	1			15.89	0.039		
10		25	12			16.97	0.050		
10		25	25			16.12	0.041		
10		50	0			16.23	0.042		
10	DFT-s-OFDM 16QAM	1	1			16.17	0.041		
10	DFT-s-OFDM 64QAM	1	1			14.58	0.029		
10	DFT-s-OFDM 256QAM	1	1			12.58	0.018		
10	CP-OFDM QPSK	1	1			15.57	0.036		
10	CP-OFDM 16QAM	1	1			15.32	0.034		
10	CP-OFDM 64QAM	1	1			13.26	0.021		
10	CP-OFDM 256QAM	1	1			11.20	0.013		
Channel				163300	163300	163800	163800	164300	164300
Frequency (MHz)				816.50	816.50	819.00	819.00	821.50	821.50



5	DFT-s-OFDM QPSK	1	1	16.95	0.050	16.93	0.049	17.00	0.050
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n26(824-849MHz) (PC3)									
BW [M Hz]	Modulation	R B Size	RB Off set	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
Channel				166800	166800	167300	167300	167800	167800
Frequency (MHz)				834.00	834.00	836.50	836.50	839.00	839.00
20	DFT-s-OFDM PI/2 BPSK	1	1	17.11	0.051	17.17	0.052	17.18	0.052
20		1	53	17.19	0.052	17.15	0.052	17.12	0.052
20		1	104	17.18	0.052	17.04	0.051	17.09	0.051
20		50	1	16.77	0.048	16.69	0.047	16.79	0.048
20		50	25	17.17	0.052	17.17	0.052	17.14	0.052
20		50	50	16.60	0.046	16.60	0.046	16.56	0.045
20		100	0	16.63	0.046	16.66	0.046	16.64	0.046
20	DFT-s-OFDM QPSK	1	1	17.60	0.058	17.66	0.058	17.61	0.058
20		1	53	17.29	0.054	17.19	0.052	17.11	0.051
20		1	104	17.09	0.051	17.07	0.051	17.09	0.051
20		50	1	16.20	0.042	16.19	0.042	16.09	0.041
20		50	25	17.18	0.052	17.20	0.052	17.13	0.052
20		50	50	16.09	0.041	16.19	0.042	16.07	0.040
20		100	0	16.15	0.041	16.18	0.041	16.14	0.041
20	DFT-s-OFDM 16QAM	1	1	16.36	0.043	16.43	0.044	16.40	0.044
20	DFT-s-OFDM 64QAM	1	1	14.73	0.030	14.97	0.031	14.78	0.030
20	DFT-s-OFDM 256QAM	1	1	12.74	0.019	12.75	0.019	12.77	0.019
20	CP-OFDM QPSK	1	1	15.59	0.036	15.62	0.036	15.63	0.037
20	CP-OFDM 16QAM	1	1	15.37	0.034	15.37	0.034	15.54	0.036
20	CP-OFDM	1	1	13.44	0.022	13.45	0.022	13.47	0.022



	64QAM								
20	CP-OFDM 256QAM	1	1	10.90	0.012	10.94	0.012	11.60	0.014
Channel				166300	166300	167300	167300	168300	168300
Frequency (MHz)				831.50	831.50	836.50	836.50	841.50	841.50
15	DFT-s-OFDM QPSK	1	1	17.12	0.052	17.15	0.052	17.16	0.052
Channel				165800	165800	167300	167300	168800	168800
Frequency (MHz)				829.00	829.00	836.50	836.50	844.00	844.00
10	DFT-s-OFDM QPSK	1	1	17.09	0.051	17.19	0.052	17.11	0.051
Channel				165300	165300	167300	167300	169300	169300
Frequency (MHz)				826.50	826.50	836.50	836.50	846.50	846.50
5	DFT-s-OFDM QPSK	1	1	17.10	0.051	17.15	0.052	16.98	0.050

n38									
BW [MHz]	Modulation	R B Size	RB Off set	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
Channel				518000	518000	519000	519000	520000	520000
Frequency (MHz)				2590.00	2590.00	2595.00	2595.00	2600.00	2600.00
40	DFT-s-OFDM PI/2 BPSK	1	1	23.05	0.202	22.65	0.184	22.53	0.179
40		1	108	22.63	0.183	22.41	0.174	22.19	0.166
40		1	214	22.25	0.168	22.00	0.158	21.85	0.153
40		108	1	22.32	0.171	22.12	0.163	22.14	0.164
40		108	54	22.64	0.184	22.44	0.175	22.79	0.190
40		108	108	22.00	0.158	21.83	0.152	22.23	0.167
40		216	0	22.19	0.166	21.96	0.157	22.00	0.158
40	DFT-s-OFDM QPSK	1	1	23.27	0.212	23.31	0.214	23.22	0.210
40		1	108	22.62	0.183	22.45	0.176	22.69	0.186
40		1	214	22.16	0.164	21.92	0.156	22.23	0.167



40		108	1	21.83	0.152	21.59	0.144	21.54	0.143
40		108	54	22.80	0.191	22.86	0.193	22.76	0.189
40		108	108	21.35	0.136	21.18	0.131	21.70	0.148
40		216	0	21.54	0.143	21.75	0.150	21.74	0.149
40	DFT-s-OFDM 16QAM	1	1	21.88	0.154	21.78	0.151	21.76	0.150
40	DFT-s-OFDM 64QAM	1	1	20.31	0.107	20.25	0.106	19.96	0.099
40	DFT-s-OFDM 256QAM	1	1	18.34	0.068	18.24	0.067	18.10	0.065
40	CP-OFDM QPSK	1	1	21.26	0.134	21.09	0.129	21.13	0.130
40	CP-OFDM 16QAM	1	1	20.85	0.122	20.72	0.118	20.77	0.119
40	CP-OFDM 64QAM	1	1	19.08	0.081	19.14	0.082	19.40	0.087
40	CP-OFDM 256QAM	1	1	16.37	0.043	16.54	0.045	16.01	0.040
Channel				517000	517000	519000	519000	521000	521000
Frequency (MHz)				2585.00	2585.00	2595.00	2595.00	2605.00	2605.00
30	DFT-s-OFDM QPSK	1	1	22.86	0.193	22.70	0.186	22.51	0.178
Channel				516000	516000	519000	519000	522000	522000
Frequency (MHz)				2580.00	2580.00	2595.00	2595.00	2610.00	2610.00
20	DFT-s-OFDM QPSK	1	1	22.91	0.195	22.72	0.187	22.36	0.172
Channel				515500	515500	519000	519000	522500	522500
Frequency (MHz)				2577.50	2577.50	2595.00	2595.00	2612.50	2612.50
15	DFT-s-OFDM QPSK	1	1	23.02	0.200	22.70	0.186	22.29	0.169
Channel				515000	515000	519000	519000	523000	523000
Frequency (MHz)				2575.00	2575.00	2595.00	2595.00	2615.00	2615.00
10	DFT-s-OFDM QPSK	1	1	23.03	0.201	22.78	0.190	22.31	0.170

n40(2305-2315MHz) (PC3)									
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
Channel						462000	462000		
Frequency (MHz)						2310.00	2310.00		
10	DFT-s-OFDM PI/2 BPSK	1	1			22.59	0.182		
10		1	12			22.40	0.174		
10		1	22			22.43	0.175		
10		12	1			22.02	0.159		
10		12	6			22.43	0.175		
10		12	12			21.91	0.155		
10		24	0			22.02	0.159		
10	DFT-s-OFDM QPSK	1	1			22.91	0.195		
10		1	12			22.56	0.180		
10		1	22			22.48	0.177		
10		12	1			21.50	0.141		
10		12	6			22.53	0.179		
10		12	12			21.43	0.139		
10		24	0			21.51	0.142		
10	DFT-s-OFDM 16QAM	1	1			21.71	0.148		
10	DFT-s-OFDM 64QAM	1	1			20.11	0.103		
10	DFT-s-OFDM 256QAM	1	1			18.31	0.068		
10	CP-OFDM QPSK	1	1			21.09	0.129		
10	CP-OFDM 16QAM	1	1			20.86	0.122		
10	CP-OFDM 64QAM	1	1			18.83	0.076		
10	CP-OFDM 256QAM	1	1			16.30	0.043		

n40(2350-2360MHz) (PC3)									
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
Channel						471000	471000		
Frequency (MHz)						2355.00	2355.00		
10	DFT-s-OFDM PI/2 BPSK	1	1			22.94	0.197		
10		1	12			22.93	0.196		
10		1	22			23.05	0.202		
10		12	1			22.45	0.176		
10		12	6			22.92	0.196		
10		12	12			22.38	0.173		
10		24	0			22.49	0.177		
10	DFT-s-OFDM QPSK	1	1			23.21	0.209		
10		1	12			22.95	0.197		
10		1	22			22.90	0.195		
10		12	1			21.94	0.156		
10		12	6			22.97	0.198		
10		12	12			21.98	0.158		
10	24	0			22.00	0.158			
10	DFT-s-OFDM 16QAM	1	1			22.13	0.163		
10	DFT-s-OFDM 64QAM	1	1			20.44	0.111		
10	DFT-s-OFDM 256QAM	1	1			18.63	0.073		
10	CP-OFDM QPSK	1	1			21.44	0.139		
10	CP-OFDM 16QAM	1	1			21.14	0.130		
10	CP-OFDM 64QAM	1	1			19.21	0.083		
10	CP-OFDM 256QAM	1	1			17.04	0.051		

n41(PC2)									
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
Channel				509202	509202	518598	518598	528000	528000
Frequency (MHz)				2546.01	2546.01	2592.99	2592.99	2640.00	2640.00
100	DFT-s-OFDM PI/2 BPSK	1	1	24.86	0.306	25.86	0.385	25.66	0.368
100		1	136	26.00	0.398	25.99	0.397	24.80	0.302
100		1	271	24.42	0.277	24.80	0.302	25.36	0.344
100		135	1	25.02	0.318	25.49	0.354	24.81	0.303
100		135	67	25.90	0.389	25.74	0.375	24.98	0.315
100		135	136	25.43	0.349	24.77	0.300	24.43	0.277
100		270	0	25.27	0.337	25.21	0.332	24.73	0.297
100	DFT-s-OFDM QPSK	1	1	26.12	0.409	26.32	0.429	26.15	0.412
100		1	136	26.07	0.405	25.74	0.375	25.06	0.321
100		1	271	25.61	0.364	24.79	0.301	25.42	0.348
100		135	1	24.56	0.286	25.02	0.318	24.79	0.301
100		135	67	25.92	0.391	26.03	0.401	25.80	0.380
100		135	136	24.99	0.316	24.25	0.266	23.87	0.244
100		270	0	24.78	0.301	24.95	0.313	24.69	0.294
100	DFT-s-OFDM 16QAM	1	1	24.02	0.252	25.04	0.319	24.83	0.304



100	DFT-s-OFDM 64QAM	1	1	22.35	0.172	23.37	0.217	23.14	0.206
100	DFT-s-OFDM 256QAM	1	1	20.65	0.116	21.64	0.146	21.43	0.139
100	CP-OFDM QPSK	1	1	23.30	0.214	24.25	0.266	24.22	0.264
100	CP-OFDM 16QAM	1	1	23.21	0.209	24.16	0.261	23.96	0.249
100	CP-OFDM 64QAM	1	1	21.14	0.130	22.11	0.163	21.95	0.157
100	CP-OFDM 256QAM	1	1	18.69	0.074	19.80	0.095	19.46	0.088
Channel				508200	508200	518598	518598	528996	528996
Frequency (MHz)				2541.00	2541.00	2592.99	2592.99	2644.98	2644.98
90	DFT-s-OFDM QPSK	1	1	24.81	0.303	25.84	0.384	25.54	0.358
Channel				507204	507204	518598	518598	529998	529998
Frequency (MHz)				2536.02	2536.02	2592.99	2592.99	2649.99	2649.99
80	DFT-s-OFDM QPSK	1	1	24.93	0.311	25.98	0.396	25.29	0.338
Channel				506202	506202	518598	518598	531000	531000
Frequency (MHz)				2531.01	2531.01	2592.99	2592.99	2655.00	2655.00
70	DFT-s-OFDM QPSK	1	1	24.86	0.306	26.05	0.403	25.10	0.324
Channel				505200	505200	518598	518598	531996	531996
Frequency (MHz)				2526.00	2526.00	2592.99	2592.99	2659.98	2659.98
60	DFT-s-OFDM QPSK	1	1	24.77	0.300	25.86	0.385	24.85	0.305
Channel				504204	504204	518598	518598	532998	532998
Frequency (MHz)				2521.02	2521.02	2592.99	2592.99	2664.99	2664.99
50	DFT-s-OFDM QPSK	1	1	24.81	0.303	25.84	0.384	24.81	0.303
Channel				503202	503202	518598	518598	534000	534000
Frequency (MHz)				2516.01	2516.01	2592.99	2592.99	2670.00	2670.00
40	DFT-s-OFDM QPSK	1	1	24.96	0.313	25.92	0.391	24.71	0.296
Channel				502200	502200	518598	518598	534996	534996
Frequency (MHz)				2511.00	2511.00	2592.99	2592.99	2674.98	2674.98



30	DFT-s-OFDM QPSK	1	1	24.89	0.308	25.90	0.389	24.78	0.301
Channel				501204	501204	518598	518598	535998	535998
Frequency (MHz)				2506.02	2506.02	2592.99	2592.99	2679.99	2679.99
20	DFT-s-OFDM QPSK	1	1	24.86	0.306	25.92	0.391	24.92	0.310
Channel				500700	500700	518598	518598	536496	536496
Frequency (MHz)				2503.50	2503.50	2592.99	2592.99	2682.48	2682.48
15	DFT-s-OFDM QPSK	1	1	24.83	0.304	25.78	0.378	24.86	0.306
Channel				500202	500202	518598	518598	537000	537000
Frequency (MHz)				2501.01	2501.01	2592.99	2592.99	2685.00	2685.00
10	DFT-s-OFDM QPSK	1	1	24.89	0.308	25.75	0.376	25.19	0.330

n41(PC3)									
BW [M Hz]	Modulation	R B Si ze	RB Off set	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
Channel				509202	509202	518598	518598	528000	528000
Frequency (MHz)				2546.01	2546.01	2592.99	2592.99	2640.00	2640.00
10 0	DFT-s-OFDM PI/2 BPSK	1	1	21.98	0.158	23.01	0.200	22.81	0.191
10 0		1	136	23.21	0.209	22.97	0.198	22.01	0.159
10 0		1	271	22.77	0.189	21.97	0.157	22.53	0.179
10 0		13 5	1	22.21	0.166	22.68	0.185	21.97	0.157
10 0		13 5	67	23.07	0.203	22.94	0.197	22.14	0.164
10 0		13 5	136	22.60	0.182	21.92	0.156	21.58	0.144
10 0		27 0	0	22.44	0.175	21.91	0.155	21.89	0.155
10	DFT-s-OFDM	1	1	23.40	0.219	23.48	0.223	23.34	0.216



0	QPSK								
10	QPSK	1	136	23.24	0.211	23.03	0.201	22.17	0.165
0		1	271	22.77	0.189	22.01	0.159	22.55	0.180
10		13	1	21.70	0.148	21.95	0.157	21.46	0.140
0		5	67	23.07	0.203	23.17	0.207	23.11	0.205
10		13	136	22.12	0.163	21.35	0.136	21.10	0.129
0		5	0	21.92	0.156	22.11	0.163	21.36	0.137
10		27	0	21.92	0.156	22.11	0.163	21.36	0.137
0	DFT-s-OFDM 16QAM	1	1	21.12	0.129	22.20	0.166	22.01	0.159
10	DFT-s-OFDM 64QAM	1	1	19.58	0.091	20.50	0.112	20.41	0.110
0	DFT-s-OFDM 256QAM	1	1	17.73	0.059	18.73	0.075	18.61	0.073
10	CP-OFDM QPSK	1	1	20.42	0.110	21.34	0.136	21.21	0.132
0	CP-OFDM 16QAM	1	1	20.45	0.111	21.39	0.138	21.18	0.131
10	CP-OFDM 64QAM	1	1	18.27	0.067	19.21	0.083	19.05	0.080
0	CP-OFDM 256QAM	1	1	15.30	0.034	17.54	0.057	16.44	0.044
Channel				508200	508200	518598	518598	528996	528996
Frequency (MHz)				2541.00	2541.00	2592.99	2592.99	2644.98	2644.98
90	DFT-s-OFDM QPSK	1	1	21.97	0.157	23.03	0.201	22.62	0.183
Channel				507204	507204	518598	518598	529998	529998
Frequency (MHz)				2536.02	2536.02	2592.99	2592.99	2649.99	2649.99
80	DFT-s-OFDM QPSK	1	1	22.01	0.159	23.13	0.206	22.44	0.175
Channel				506202	506202	518598	518598	531000	531000
Frequency (MHz)				2531.01	2531.01	2592.99	2592.99	2655.00	2655.00
70	DFT-s-OFDM	1	1	21.97	0.157	23.13	0.206	22.19	0.166



	QPSK								
	Channel			505200	505200	518598	518598	531996	531996
	Frequency (MHz)			2526.00	2526.00	2592.99	2592.99	2659.98	2659.98
60	DFT-s-OFDM QPSK	1	1	21.87	0.154	23.04	0.201	22.00	0.158
	Channel			504204	504204	518598	518598	532998	532998
	Frequency (MHz)			2521.02	2521.02	2592.99	2592.99	2664.99	2664.99
50	DFT-s-OFDM QPSK	1	1	21.94	0.156	23.08	0.203	21.91	0.155
	Channel			503202	503202	518598	518598	534000	534000
	Frequency (MHz)			2516.01	2516.01	2592.99	2592.99	2670.00	2670.00
40	DFT-s-OFDM QPSK	1	1	22.07	0.161	23.06	0.202	21.84	0.153
	Channel			502200	502200	518598	518598	534996	534996
	Frequency (MHz)			2511.00	2511.00	2592.99	2592.99	2674.98	2674.98
30	DFT-s-OFDM QPSK	1	1	21.99	0.158	23.06	0.202	21.84	0.153
	Channel			501204	501204	518598	518598	535998	535998
	Frequency (MHz)			2506.02	2506.02	2592.99	2592.99	2679.99	2679.99
20	DFT-s-OFDM QPSK	1	1	21.92	0.156	22.98	0.199	21.99	0.158
	Channel			500700	500700	518598	518598	536496	536496
	Frequency (MHz)			2503.50	2503.50	2592.99	2592.99	2682.48	2682.48
15	DFT-s-OFDM QPSK	1	1	21.90	0.155	22.92	0.196	22.11	0.163
	Channel			500202	500202	518598	518598	537000	537000
	Frequency (MHz)			2501.01	2501.01	2592.99	2592.99	2685.00	2685.00
10	DFT-s-OFDM QPSK	1	1	21.96	0.157	22.94	0.197	22.31	0.170

n66									
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
Channel				346000	346000	349000	349000	352000	352000
Frequency (MHz)				1730.00	1730.00	1745.00	1745.00	1760.00	1760.00
40	DFT-s-OFDM PI/2 BPSK	1	1	20.74	0.119	20.90	0.123	20.99	0.126
40		1	108	20.95	0.124	20.98	0.125	20.76	0.119
40		1	214	20.97	0.125	19.09	0.081	20.87	0.122
40		108	1	20.56	0.114	20.56	0.114	20.59	0.115
40		108	54	21.01	0.126	21.01	0.126	20.86	0.122
40		108	108	20.66	0.116	20.31	0.107	20.26	0.106
40		216	0	20.57	0.114	19.12	0.082	20.43	0.110
40	DFT-s-OFDM QPSK	1	1	21.08	0.128	21.15	0.130	20.98	0.125
40		1	108	20.95	0.124	20.99	0.126	20.76	0.119
40		1	214	20.91	0.123	20.84	0.121	20.88	0.122
40		108	1	19.97	0.099	19.98	0.100	19.99	0.100
40		108	54	21.05	0.127	21.06	0.128	20.86	0.122
40		108	108	20.19	0.104	19.92	0.098	19.79	0.095
40		216	0	19.97	0.099	20.00	0.100	19.90	0.098
40	DFT-s-OFDM 16QAM	1	1	19.99	0.100	20.17	0.104	20.35	0.108
40	DFT-s-OFDM 64QAM	1	1	18.35	0.068	18.53	0.071	18.62	0.073
40	DFT-s-OFDM 256QAM	1	1	16.35	0.043	16.52	0.045	16.96	0.050
40	CP-OFDM QPSK	1	1	19.23	0.084	19.39	0.087	19.56	0.090

40	CP-OFDM 16QAM	1	1	18.97	0.079	19.22	0.084	19.17	0.083
40	CP-OFDM 64QAM	1	1	17.26	0.053	17.22	0.053	17.29	0.054
40	CP-OFDM 256QAM	1	1	14.40	0.028	15.17	0.033	14.67	0.029
Channel				345000	345000	349000	349000	353000	353000
Frequency (MHz)				1725.00	1725.00	1745.00	1745.00	1765.00	1765.00
30	DFT-s-OFDM QPSK	1	1	20.71	0.118	20.93	0.124	20.87	0.122
Channel				344000	344000	349000	349000	354000	354000
Frequency (MHz)				1720.00	1720.00	1745.00	1745.00	1770.00	1770.00
20	DFT-s-OFDM QPSK	1	1	20.86	0.122	20.99	0.126	20.77	0.119
Channel				343500	343500	349000	349000	354500	354500
Frequency (MHz)				1717.50	1717.50	1745.00	1745.00	1772.50	1772.50
15	DFT-s-OFDM QPSK	1	1	20.86	0.122	20.97	0.125	20.69	0.117
Channel				343000	343000	349000	349000	355000	355000
Frequency (MHz)				1715.00	1715.00	1745.00	1745.00	1775.00	1775.00
10	DFT-s-OFDM QPSK	1	1	20.91	0.123	20.99	0.126	20.68	0.117
Channel				342500	342500	349000	349000	355500	355500
Frequency (MHz)				1712.50	1712.50	1745.00	1745.00	1777.50	1777.50
5	DFT-s-OFDM QPSK	1	1	20.88	0.122	20.95	0.124	20.70	0.117

n71									
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
Channel				134600	134600	136100	136100	137600	137600
Frequency (MHz)				673.00	673.00	680.50	680.50	688.00	688.00
20	DFT-s-OFDM PI/2 BPSK	1	1	15.69	0.037	16.04	0.040	16.11	0.041
20		1	53	16.21	0.042	16.05	0.040	15.95	0.039
20		1	104	15.98	0.040	15.97	0.040	16.00	0.040
20		50	1	15.27	0.034	15.58	0.036	15.63	0.037
20		50	25	16.06	0.040	16.15	0.041	16.08	0.041
20		50	50	15.66	0.037	15.56	0.036	15.53	0.036
20		100	0	15.58	0.036	15.51	0.036	15.56	0.036
20	DFT-s-OFDM QPSK	1	1	16.72	0.047	16.75	0.047	16.68	0.047
20		1	53	16.13	0.041	16.05	0.040	15.96	0.039
20		1	104	15.97	0.040	15.98	0.040	16.02	0.040
20		50	1	14.97	0.031	15.06	0.032	15.05	0.032
20		50	25	16.09	0.041	16.10	0.041	15.95	0.039
20		50	50	15.36	0.034	15.17	0.033	15.22	0.033
20	100	0	15.85	0.038	16.05	0.040	15.85	0.038	
20	DFT-s-OFDM 16QAM	1	1	15.07	0.032	15.33	0.034	15.40	0.035
20	DFT-s-OFDM 64QAM	1	1	13.31	0.021	13.65	0.023	13.74	0.024
20	DFT-s-OFDM 256QAM	1	1	10.92	0.012	11.87	0.015	11.91	0.016
20	CP-OFDM QPSK	1	1	14.36	0.027	14.70	0.030	14.55	0.029
20	CP-OFDM 16QAM	1	1	14.11	0.026	14.47	0.028	14.44	0.028
20	CP-OFDM 64QAM	1	1	12.00	0.016	12.35	0.017	12.38	0.017
20	CP-OFDM 256QAM	1	1	10.02	0.010	10.49	0.011	10.41	0.011



Channel				134100	134100	136100	136100	138100	138100
Frequency (MHz)				670.50	670.50	680.50	680.50	690.50	690.50
15	DFT-s-OFDM QPSK	1	1	15.66	0.037	16.13	0.041	15.99	0.040
Channel				133600	133600	136100	136100	138600	138600
Frequency (MHz)				668.00	668.00	680.50	680.50	693.00	693.00
10	DFT-s-OFDM QPSK	1	1	15.65	0.037	16.12	0.041	15.95	0.039
Channel				133100	133100	136100	136100	139100	139100
Frequency (MHz)				665.50	665.50	680.50	680.50	695.50	695.50
5	DFT-s-OFDM QPSK	1	1	15.61	0.036	16.04	0.040	15.95	0.039

n77(3450-3550MHz) (PC2)									
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
Channel				/	/	633334	633334	/	/
Frequency (MHz)				/	/	3500.01	3500.01	/	/
100	DFT-s-OFDM PI/2 BPSK	1	1	/	/	25.33	0.341	/	/
100		1	136	/	/	25.23	0.333	/	/
100		1	271	/	/	24.96	0.313	/	/
100		135	1	/	/	24.82	0.303	/	/
100		135	67	/	/	25.29	0.338	/	/
100		135	136	/	/	24.45	0.279	/	/
100		270	0	/	/	23.99	0.251	/	/
100	DFT-s-OFDM QPSK	1	1	/	/	25.52	0.356	/	/
100		1	136	/	/	25.50	0.355	/	/



0									
10		1	271	/	/	25.12	0.325	/	/
0		13	1	/	/	25.03	0.318	/	/
10		5	67	/	/	25.25	0.335	/	/
0		13	136	/	/	23.97	0.249	/	/
10		5	0	/	/	24.28	0.268	/	/
0		27							
0	DFT-s-OFDM	1	1	/	/	24.64	0.291	/	/
	16QAM								
10	DFT-s-OFDM	1	1	/	/	22.92	0.196	/	/
0	64QAM								
10	DFT-s-OFDM	1	1	/	/	21.13	0.130	/	/
0	256QAM								
10	CP-OFDM	1	1	/	/	23.88	0.244	/	/
0	QPSK								
10	CP-OFDM	1	1	/	/	23.77	0.238	/	/
0	16QAM								
10	CP-OFDM	1	1	/	/	21.61	0.145	/	/
0	64QAM								
10	CP-OFDM	1	1	/	/	19.22	0.084	/	/
0	256QAM								
Channel				633000	633000	633334	633334	633666	633666
Frequency (MHz)				3495.00	3495.00	3500.01	3500.01	3504.99	3504.99
90	DFT-s-OFDM	1	1	25.28	0.337	25.29	0.338	25.22	0.333
	QPSK								
Channel				632668	632668	633334	633334	634000	634000
Frequency (MHz)				3490.02	3490.02	3500.01	3500.01	3510.00	3510.00
80	DFT-s-OFDM	1	1	25.36	0.344	25.33	0.341	25.22	0.333
	QPSK								
Channel				632334	632334	633334	633334	634332	634332
Frequency (MHz)				3485.01	3485.01	3500.01	3500.01	3514.98	3514.98
70	DFT-s-OFDM	1	1	25.35	0.343	25.25	0.335	25.09	0.323
	QPSK								
Channel				632000	632000	633334	633334	634666	634666



Frequency (MHz)				3480.00	3480.00	3500.01	3500.01	3519.99	3519.99
60	DFT-s-OFDM QPSK	1	1	25.28	0.337	25.20	0.331	25.05	0.320
Channel				631668	631668	633334	633334	635000	635000
Frequency (MHz)				3475.02	3475.02	3500.01	3500.01	3525.00	3525.00
50	DFT-s-OFDM QPSK	1	1	25.34	0.342	25.26	0.336	25.08	0.322
Channel				631334	631334	633334	633334	635332	635332
Frequency (MHz)				3470.01	3470.01	3500.01	3500.01	3529.98	3529.98
40	DFT-s-OFDM QPSK	1	1	25.40	0.347	25.18	0.330	25.01	0.317
Channel				631000	631000	633334	633334	635666	635666
Frequency (MHz)				3465.00	3465.00	3500.01	3500.01	3534.99	3534.99
30	DFT-s-OFDM QPSK	1	1	25.49	0.354	25.22	0.333	24.88	0.308
Channel				630668	630668	633334	633334	636000	636000
Frequency (MHz)				3460.02	3460.02	3500.01	3500.01	3540.00	3540.00
20	DFT-s-OFDM QPSK	1	1	25.41	0.348	25.21	0.332	24.85	0.305
Channel				630500	630500	633334	633334	636166	636166
Frequency (MHz)				3457.50	3457.50	3500.01	3500.01	3542.49	3542.49
15	DFT-s-OFDM QPSK	1	1	25.41	0.348	25.21	0.332	24.88	0.308
Channel				630334	630334	633334	633334	636332	636332
Frequency (MHz)				3455.01	3455.01	3500.01	3500.01	3544.98	3544.98
10	DFT-s-OFDM QPSK	1	1	25.45	0.351	25.25	0.335	25.01	0.317

n77(3700-3980MHz) (PC2)									
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
Channel				650000	650000	656000	656000	662000	662000
Frequency (MHz)				3750.00	3750.00	3840.00	3840.00	3930.00	3930.00
100	DFT-s-OFDM PI/2 BPSK	1	1	25.14	0.327	24.79	0.301	24.87	0.307
100		1	136	25.14	0.327	25.09	0.323	24.58	0.287
100		1	271	24.96	0.313	24.81	0.303	25.23	0.333
100		135	1	24.98	0.315	24.45	0.279	24.25	0.266
100		135	67	25.22	0.333	25.17	0.329	24.58	0.287
100		135	136	24.47	0.280	24.28	0.268	24.32	0.270
100		270	0	24.72	0.296	24.65	0.292	24.19	0.262
100	DFT-s-OFDM QPSK	1	1	25.68	0.370	25.79	0.379	25.48	0.353
100		1	136	25.31	0.340	25.27	0.337	24.60	0.288
100		1	271	25.14	0.327	24.95	0.313	25.41	0.348
100		135	1	24.48	0.281	23.93	0.247	23.75	0.237
100		135	67	25.10	0.324	25.15	0.327	25.05	0.320
100		135	136	23.98	0.250	23.77	0.238	23.82	0.241
100		270	0	24.20	0.263	24.26	0.267	23.71	0.235
100	DFT-s-OFDM 16QAM	1	1	24.32	0.270	23.92	0.247	23.96	0.249



100	DFT-s-OFDM 64QAM	1	1	22.68	0.185	22.25	0.168	22.28	0.169
100	DFT-s-OFDM 256QAM	1	1	20.88	0.122	20.43	0.110	20.53	0.113
100	CP-OFDM QPSK	1	1	23.53	0.225	23.22	0.210	23.29	0.213
100	CP-OFDM 16QAM	1	1	23.44	0.221	22.96	0.198	23.04	0.201
100	CP-OFDM 64QAM	1	1	21.43	0.139	21.00	0.126	21.11	0.129
100	CP-OFDM 256QAM	1	1	18.86	0.077	18.47	0.070	18.61	0.073
Channel				649666	649666	656000	656000	662332	662332
Frequency (MHz)				3744.99	3744.99	3840.00	3840.00	3934.98	3934.98
90	DFT-s-OFDM QPSK	1	1	25.14	0.327	24.87	0.307	24.82	0.303
Channel				649334	649334	656000	656000	662666	662666
Frequency (MHz)				3740.01	3740.01	3840.00	3840.00	3939.99	3939.99
80	DFT-s-OFDM QPSK	1	1	25.19	0.330	24.93	0.311	24.73	0.297
Channel				649000	649000	656000	656000	663000	663000
Frequency (MHz)				3735.00	3735.00	3840.00	3840.00	3945.00	3945.00
70	DFT-s-OFDM QPSK	1	1	25.20	0.331	24.95	0.313	24.60	0.288
Channel				648668	648668	656000	656000	663332	663332
Frequency (MHz)				3730.02	3730.02	3840.00	3840.00	3949.98	3949.98
60	DFT-s-OFDM QPSK	1	1	25.16	0.328	24.75	0.299	24.33	0.271
Channel				648334	648334	656000	656000	663666	663666
Frequency (MHz)				3725.01	3725.01	3840.00	3840.00	3954.99	3954.99
50	DFT-s-OFDM QPSK	1	1	25.19	0.330	24.77	0.300	24.37	0.274
Channel				648000	648000	656000	656000	664000	664000
Frequency (MHz)				3720.00	3720.00	3840.00	3840.00	3960.00	3960.00
40	DFT-s-OFDM QPSK	1	1	25.23	0.333	24.80	0.302	24.50	0.282
Channel				647668	647668	656000	656000	664332	664332
Frequency (MHz)				3715.02	3715.02	3840.00	3840.00	3964.98	3964.98



30	DFT-s-OFDM QPSK	1	1	25.25	0.335	24.85	0.305	24.72	0.296
Channel				647334	647334	656000	656000	664666	664666
Frequency (MHz)				3710.01	3710.01	3840.00	3840.00	3969.99	3969.99
20	DFT-s-OFDM QPSK	1	1	25.20	0.331	24.93	0.311	24.86	0.306
Channel				647168	647168	656000	656000	664832	664832
Frequency (MHz)				3707.52	3707.52	3840.00	3840.00	3972.48	3972.48
15	DFT-s-OFDM QPSK	1	1	25.24	0.334	25.02	0.318	24.98	0.315
Channel				647000	647000	656000	656000	665000	665000
Frequency (MHz)				3705.00	3705.00	3840.00	3840.00	3975.00	3975.00
10	DFT-s-OFDM QPSK	1	1	25.23	0.333	25.12	0.325	17.87	0.061

n77(3450-3550MHz) (PC3)

BW [M Hz]	Modulation	R B Si ze	RB Off set	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
Channel						633334	633334		
Frequency (MHz)						3500.01	3500.01		
10 0	DFT-s-OFDM PI/2 BPSK	1	1			22.36	0.172		
10 0		1	136			22.17	0.165		
10 0		1	271			21.96	0.157		
10 0		13 5	1			21.80	0.151		
10 0		13 5	67			22.28	0.169		
10 0		13 5	136			21.46	0.140		
10 0		27 0	0			21.80	0.151		
10	DFT-s-OFDM	1	1			22.42	0.175		



0	QPSK								
10	QPSK	1	136			22.34	0.171		
0		1	271			21.97	0.157		
10		13	1			21.06	0.128		
0		5	67			22.22	0.167		
10		13	136			20.88	0.122		
0		5	0			21.25	0.133		
10		27	0			21.25	0.133		
0		0			21.25	0.133			
10	DFT-s-OFDM 16QAM	1	1			21.50	0.141		
0	DFT-s-OFDM 64QAM	1	1			19.85	0.097		
10	DFT-s-OFDM 256QAM	1	1			17.99	0.063		
0	CP-OFDM QPSK	1	1			20.75	0.119		
10	CP-OFDM 16QAM	1	1			20.66	0.116		
0	CP-OFDM 64QAM	1	1			18.64	0.073		
10	CP-OFDM 256QAM	1	1			16.96	0.050		
0	Channel			633000	633000	633334	633334	633666	633666
	Frequency (MHz)			3495.00	3495.00	3500.01	3500.01	3504.99	3504.99
90	DFT-s-OFDM QPSK	1	1	22.31	0.170	22.31	0.170	22.26	0.168
	Channel			632668	632668	633334	633334	634000	634000
	Frequency (MHz)			3490.02	3490.02	3500.01	3500.01	3510.00	3510.00
80	DFT-s-OFDM QPSK	1	1	22.35	0.172	22.38	0.173	22.23	0.167
	Channel			632334	632334	633334	633334	634332	634332
	Frequency (MHz)			3485.01	3485.01	3500.01	3500.01	3514.98	3514.98
70	DFT-s-OFDM	1	1	22.35	0.172	22.34	0.171	22.16	0.164



	QPSK								
Channel				632000	632000	633334	633334	634666	634666
Frequency (MHz)				3480.00	3480.00	3500.01	3500.01	3519.99	3519.99
60	DFT-s-OFDM QPSK	1	1	22.33	0.171	22.24	0.167	22.06	0.161
Channel				631668	631668	633334	633334	635000	635000
Frequency (MHz)				3475.02	3475.02	3500.01	3500.01	3525.00	3525.00
50	DFT-s-OFDM QPSK	1	1	22.35	0.172	22.19	0.166	22.07	0.161
Channel				631334	631334	633334	633334	635332	635332
Frequency (MHz)				3470.01	3470.01	3500.01	3500.01	3529.98	3529.98
40	DFT-s-OFDM QPSK	1	1	22.47	0.177	22.25	0.168	22.06	0.161
Channel				631000	631000	633334	633334	635666	635666
Frequency (MHz)				3465.00	3465.00	3500.01	3500.01	3534.99	3534.99
30	DFT-s-OFDM QPSK	1	1	22.45	0.176	22.11	0.163	21.90	0.155
Channel				630668	630668	633334	633334	636000	636000
Frequency (MHz)				3460.02	3460.02	3500.01	3500.01	3540.00	3540.00
20	DFT-s-OFDM QPSK	1	1	22.43	0.175	22.21	0.166	21.87	0.154
Channel				630500	630500	633334	633334	636166	636166
Frequency (MHz)				3457.50	3457.50	3500.01	3500.01	3542.49	3542.49
15	DFT-s-OFDM QPSK	1	1	22.46	0.176	22.22	0.167	21.82	0.152
Channel				630334	630334	633334	633334	636332	636332
Frequency (MHz)				3455.01	3455.01	3500.01	3500.01	3544.98	3544.98
10	DFT-s-OFDM QPSK	1	1	22.43	0.175	22.25	0.168	21.92	0.156

n77(3700-3980MHz) (PC3)									
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
Channel				650000	650000	656000	656000	662000	662000
Frequency (MHz)				3750.00	3750.00	3840.00	3840.00	3930.00	3930.00
100	DFT-s-OFDM PI/2 BPSK	1	1	22.14	0.164	21.76	0.150	21.79	0.151
100		1	136	22.10	0.162	22.07	0.161	21.39	0.138
100		1	271	21.97	0.157	21.79	0.151	22.11	0.163
100		135	1	21.93	0.156	21.40	0.138	21.17	0.131
100		135	67	22.18	0.165	22.12	0.163	21.49	0.141
100		135	136	21.40	0.138	21.21	0.132	21.25	0.133
100		270	0	21.66	0.147	21.61	0.145	21.12	0.129
100	DFT-s-OFDM QPSK	1	1	22.52	0.179	22.63	0.183	22.50	0.178
100		1	136	22.44	0.175	22.09	0.162	21.48	0.141
100		1	271	21.96	0.157	21.76	0.150	22.16	0.164
100		135	1	21.43	0.139	20.54	0.113	20.67	0.117
100		135	67	22.17	0.165	22.30	0.170	21.50	0.141
100		135	136	20.91	0.123	20.78	0.120	20.77	0.119
100	270	0	21.15	0.130	21.60	0.145	20.64	0.116	
100	DFT-s-OFDM 16QAM	1	1	21.36	0.137	21.38	0.137	21.17	0.131



100	DFT-s-OFDM 64QAM	1	1	19.58	0.091	19.57	0.091	19.27	0.085
100	DFT-s-OFDM 256QAM	1	1	17.77	0.060	17.97	0.063	17.46	0.056
100	CP-OFDM QPSK	1	1	20.55	0.114	20.47	0.111	20.25	0.106
100	CP-OFDM 16QAM	1	1	20.37	0.109	20.32	0.108	19.94	0.099
100	CP-OFDM 64QAM	1	1	18.36	0.069	18.22	0.066	18.10	0.065
100	CP-OFDM 256QAM	1	1	16.64	0.046	16.38	0.043	16.32	0.043
Channel				649666	649666	656000	656000	662332	662332
Frequency (MHz)				3744.99	3744.99	3840.00	3840.00	3934.98	3934.98
90	DFT-s-OFDM QPSK	1	1	22.16	0.164	21.84	0.153	21.82	0.152
Channel				649334	649334	656000	656000	662666	662666
Frequency (MHz)				3740.01	3740.01	3840.00	3840.00	3939.99	3939.99
80	DFT-s-OFDM QPSK	1	1	22.16	0.164	21.85	0.153	21.65	0.146
Channel				649000	649000	656000	656000	663000	663000
Frequency (MHz)				3735.00	3735.00	3840.00	3840.00	3945.00	3945.00
70	DFT-s-OFDM QPSK	1	1	22.14	0.164	21.87	0.154	21.55	0.143
Channel				648668	648668	656000	656000	663332	663332
Frequency (MHz)				3730.02	3730.02	3840.00	3840.00	3949.98	3949.98
60	DFT-s-OFDM QPSK	1	1	22.09	0.162	21.74	0.149	21.33	0.136
Channel				648334	648334	656000	656000	663666	663666
Frequency (MHz)				3725.01	3725.01	3840.00	3840.00	3954.99	3954.99
50	DFT-s-OFDM QPSK	1	1	22.10	0.162	21.77	0.150	21.32	0.136
Channel				648000	648000	656000	656000	664000	664000
Frequency (MHz)				3720.00	3720.00	3840.00	3840.00	3960.00	3960.00
40	DFT-s-OFDM QPSK	1	1	22.18	0.165	21.78	0.151	21.45	0.140
Channel				647668	647668	656000	656000	664332	664332
Frequency (MHz)				3715.02	3715.02	3840.00	3840.00	3964.98	3964.98



30	DFT-s-OFDM QPSK	1	1	22.18	0.165	21.82	0.152	21.63	0.146
Channel				647334	647334	656000	656000	664666	664666
Frequency (MHz)				3710.01	3710.01	3840.00	3840.00	3969.99	3969.99
20	DFT-s-OFDM QPSK	1	1	22.15	0.164	21.95	0.157	21.79	0.151
Channel				647168	647168	656000	656000	664832	664832
Frequency (MHz)				3707.52	3707.52	3840.00	3840.00	3972.48	3972.48
15	DFT-s-OFDM QPSK	1	1	22.19	0.166	21.93	0.156	21.92	0.156
Channel				647000	647000	656000	656000	665000	665000
Frequency (MHz)				3705.00	3705.00	3840.00	3840.00	3975.00	3975.00
10	DFT-s-OFDM QPSK	1	1	22.20	0.166	22.00	0.158	22.11	0.163

n78(3450-3550MHz)(PC2)									
BW [M Hz]	Modulation	R B Si ze	RB Off set	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
Channel				/	/	633334	633334	/	/
Frequency (MHz)				/	/	3500.01	3500.01	/	/
10 0	DFT-s-OFDM PI/2 BPSK	1	1	/	/	25.29	0.338	/	/
10 0		1	136	/	/	25.26	0.336	/	/
10 0		1	271	/	/	24.92	0.310	/	/
10 0		13 5	1	/	/	24.82	0.303	/	/
10 0		13 5	67	/	/	25.30	0.339	/	/
10 0		13 5	136	/	/	24.41	0.276	/	/
10 0		27 0	0	/	/	24.78	0.301	/	/
10	DFT-s-OFDM	1	1	/	/	25.61	0.364	/	/



0	QPSK								
100		1	136	/	/	25.53	0.357	/	/
100		1	271	/	/	25.11	0.324	/	/
100		135	1	/	/	24.27	0.267	/	/
100		135	67	/	/	25.21	0.332	/	/
100		135	136	/	/	23.89	0.245	/	/
100		270	0	/	/	24.22	0.264	/	/
100	DFT-s-OFDM 16QAM	1	1	/	/	24.56	0.286	/	/
100	DFT-s-OFDM 64QAM	1	1	/	/	22.88	0.194	/	/
100	DFT-s-OFDM 256QAM	1	1	/	/	17.70	0.059	/	/
100	CP-OFDM QPSK	1	1	/	/	25.35	0.343	/	/
100	CP-OFDM 16QAM	1	1	/	/	23.75	0.237	/	/
100	CP-OFDM 64QAM	1	1	/	/	21.61	0.145	/	/
100	CP-OFDM 256QAM	1	1	/	/	19.12	0.082	/	/
Channel				633000	633000	633334	633334	633666	633666
Frequency (MHz)				3495.00	3495.00	3500.01	3500.01	3504.99	3504.99
90	DFT-s-OFDM QPSK	1	1	25.26	0.336	25.24	0.334	25.23	0.333
Channel				632668	632668	633334	633334	634000	634000
Frequency (MHz)				3490.02	3490.02	3500.01	3500.01	3510.00	3510.00
80	DFT-s-OFDM QPSK	1	1	25.35	0.343	25.30	0.339	25.20	0.331
Channel				632334	632334	633334	633334	634332	634332
Frequency (MHz)				3485.01	3485.01	3500.01	3500.01	3514.98	3514.98
70	DFT-s-OFDM	1	1	25.33	0.341	25.25	0.335	25.15	0.327



	QPSK								
Channel				632000	632000	633334	633334	634666	634666
Frequency (MHz)				3480.00	3480.00	3500.01	3500.01	3519.99	3519.99
60	DFT-s-OFDM QPSK	1	1	25.33	0.341	25.20	0.331	25.10	0.324
Channel				631668	631668	633334	633334	635000	635000
Frequency (MHz)				3475.02	3475.02	3500.01	3500.01	3525.00	3525.00
50	DFT-s-OFDM QPSK	1	1	25.30	0.339	25.13	0.326	25.10	0.324
Channel				631334	631334	633334	633334	635332	635332
Frequency (MHz)				3470.01	3470.01	3500.01	3500.01	3529.98	3529.98
40	DFT-s-OFDM QPSK	1	1	25.38	0.345	25.26	0.336	24.90	0.309
Channel				631000	631000	633334	633334	635666	635666
Frequency (MHz)				3465.00	3465.00	3500.01	3500.01	3534.99	3534.99
30	DFT-s-OFDM QPSK	1	1	25.41	0.348	25.25	0.335	24.77	0.300
Channel				630668	630668	633334	633334	636000	636000
Frequency (MHz)				3460.02	3460.02	3500.01	3500.01	3540.00	3540.00
20	DFT-s-OFDM QPSK	1	1	25.38	0.345	25.21	0.332	24.78	0.301
Channel				630500	630500	633334	633334	636166	636166
Frequency (MHz)				3457.50	3457.50	3500.01	3500.01	3542.49	3542.49
15	DFT-s-OFDM QPSK	1	1	25.37	0.344	25.15	0.327	24.78	0.301
Channel				630334	630334	633334	633334	636332	636332
Frequency (MHz)				3455.01	3455.01	3500.01	3500.01	3544.98	3544.98
10	DFT-s-OFDM QPSK	1	1	25.38	0.345	25.22	0.333	24.88	0.308

n78(3700-3800MHz)(PC2)									
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
Channel				/	/	650000	650000	/	/
Frequency (MHz)				/	/	3750.00	3750.00	/	/
100	DFT-s-OFDM PI/2 BPSK	1	1	/	/	25.13	0.326	/	/
100		1	136	/	/	25.15	0.327	/	/
100		1	271	/	/	24.89	0.308	/	/
100		135	1	/	/	24.99	0.316	/	/
100		135	67	/	/	25.19	0.330	/	/
100		135	136	/	/	25.22	0.333	/	/
100		270	0	/	/	24.73	0.297	/	/
100	DFT-s-OFDM QPSK	1	1	/	/	25.56	0.360	/	/
100		1	136	/	/	25.46	0.352	/	/
100		1	271	/	/	24.93	0.311	/	/
100		135	1	/	/	24.54	0.284	/	/
100		135	67	/	/	25.18	0.330	/	/
100		135	136	/	/	23.96	0.249	/	/
100		270	0	/	/	24.22	0.264	/	/
100	DFT-s-OFDM 16QAM	1	1	/	/	24.38	0.274	/	/



100	DFT-s-OFDM 64QAM	1	1	/	/	22.66	0.185	/	/
100	DFT-s-OFDM 256QAM	1	1	/	/	20.86	0.122	/	/
100	CP-OFDM QPSK	1	1	/	/	23.53	0.225	/	/
100	CP-OFDM 16QAM	1	1	/	/	23.50	0.224	/	/
100	CP-OFDM 64QAM	1	1	/	/	21.45	0.140	/	/
100	CP-OFDM 256QAM	1	1	/	/	18.89	0.077	/	/
Channel				649668	649668	650000	650000	650332	650332
Frequency (MHz)				3745.02	3745.02	3750.00	3750.00	3754.98	3754.98
90	DFT-s-OFDM QPSK	1	1	25.15	0.327	25.23	0.333	25.25	0.335
Channel				649334	649334	650000	650000	650666	650666
Frequency (MHz)				3740.01	3740.01	3750.00	3750.00	3759.99	3759.99
80	DFT-s-OFDM QPSK	1	1	25.22	0.333	25.32	0.340	25.42	0.348
Channel				649000	649000	650000	650000	651000	651000
Frequency (MHz)				3735.00	3735.00	3750.00	3750.00	3765.00	3765.00
70	DFT-s-OFDM QPSK	1	1	25.21	0.332	25.35	0.343	25.41	0.348
Channel				648668	648668	650000	650000	651332	651332
Frequency (MHz)				3730.02	3730.02	3750.00	3750.00	3769.98	3769.98
60	DFT-s-OFDM QPSK	1	1	25.09	0.323	25.30	0.339	25.11	0.324
Channel				648334	648334	650000	650000	651666	651666
Frequency (MHz)				3725.01	3725.01	3750.00	3750.00	3774.99	3774.99
50	DFT-s-OFDM QPSK	1	1	25.11	0.324	25.32	0.340	25.03	0.318
Channel				648000	648000	650000	650000	652000	652000
Frequency (MHz)				3720.00	3720.00	3750.00	3750.00	3780.00	3780.00
40	DFT-s-OFDM QPSK	1	1	25.14	0.327	25.34	0.342	24.94	0.312
Channel				647668	647668	650000	650000	652332	652332
Frequency (MHz)				3715.02	3715.02	3750.00	3750.00	3784.98	3784.98



30	DFT-s-OFDM QPSK	1	1	25.21	0.332	25.29	0.338	24.94	0.312
Channel				647334	647334	650000	650000	652666	652666
Frequency (MHz)				3710.01	3710.01	3750.00	3750.00	3789.99	3789.99
20	DFT-s-OFDM QPSK	1	1	25.16	0.328	25.22	0.333	24.88	0.308
Channel				647168	647168	650000	650000	652832	652832
Frequency (MHz)				3707.52	3707.52	3750.00	3750.00	3792.48	3792.48
15	DFT-s-OFDM QPSK	1	1	25.18	0.330	25.17	0.329	24.85	0.305
Channel				647000	647000	650000	650000	653000	653000
Frequency (MHz)				3705.00	3705.00	3750.00	3750.00	3795.00	3795.00
10	DFT-s-OFDM QPSK	1	1	25.24	0.334	25.20	0.331	24.94	0.312

n78(3450-3550MHz)(PC3)									
BW [M Hz]	Modulation	R B Si ze	RB Of set	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
Channel				/	/	633334	633334	/	/
Frequency (MHz)				/	/	3500.01	3500.01	/	/
10 0	DFT-s-OFDM PI/2 BPSK	1	1	/	/	22.33	0.171	/	/
10 0		1	136	/	/	22.25	0.168	/	/
10 0		1	271	/	/	21.91	0.155	/	/
10 0		13 5	1	/	/	21.78	0.151	/	/
10 0		13 5	67	/	/	22.28	0.169	/	/
10 0		13 5	136	/	/	21.48	0.141	/	/
10 0		27 0	0	/	/	21.76	0.150	/	/
10	DFT-s-OFDM	1	1	/	/	22.36	0.172	/	/



0	QPSK								
10	QPSK	1	136	/	/	22.22	0.167	/	/
0		1	271	/	/	21.90	0.155	/	/
10		13	1	/	/	21.13	0.130	/	/
0		5	67	/	/	22.26	0.168	/	/
10		13	136	/	/	20.88	0.122	/	/
0		5	0	/	/	21.24	0.133	/	/
10		27	0	/	/	21.24	0.133	/	/
0	DFT-s-OFDM 16QAM	1	1	/	/	21.46	0.140	/	/
10	DFT-s-OFDM 64QAM	1	1	/	/	19.79	0.095	/	/
0	DFT-s-OFDM 256QAM	1	1	/	/	19.06	0.081	/	/
10	CP-OFDM QPSK	1	1	/	/	20.75	0.119	/	/
0	CP-OFDM 16QAM	1	1	/	/	20.55	0.114	/	/
10	CP-OFDM 64QAM	1	1	/	/	18.58	0.072	/	/
0	CP-OFDM 256QAM	1	1	/	/	17.05	0.051	/	/
Channel				633000	633000	633334	633334	633666	633666
Frequency (MHz)				3495.00	3495.00	3500.01	3500.01	3504.99	3504.99
90	DFT-s-OFDM QPSK	1	1	22.27	0.169	22.26	0.168	22.23	0.167
Channel				632668	632668	633334	633334	634000	634000
Frequency (MHz)				3490.02	3490.02	3500.01	3500.01	3510.00	3510.00
80	DFT-s-OFDM QPSK	1	1	22.31	0.170	22.25	0.168	22.18	0.165
Channel				632334	632334	633334	633334	634332	634332
Frequency (MHz)				3485.01	3485.01	3500.01	3500.01	3514.98	3514.98
70	DFT-s-OFDM	1	1	22.35	0.172	22.30	0.170	22.11	0.163



	QPSK								
	Channel			632000	632000	633334	633334	634666	634666
	Frequency (MHz)			3480.00	3480.00	3500.01	3500.01	3519.99	3519.99
60	DFT-s-OFDM QPSK	1	1	22.25	0.168	22.17	0.165	22.11	0.163
	Channel			631668	631668	633334	633334	635000	635000
	Frequency (MHz)			3475.02	3475.02	3500.01	3500.01	3525.00	3525.00
50	DFT-s-OFDM QPSK	1	1	22.31	0.170	22.17	0.165	22.11	0.163
	Channel			631334	631334	633334	633334	635332	635332
	Frequency (MHz)			3470.01	3470.01	3500.01	3500.01	3529.98	3529.98
40	DFT-s-OFDM QPSK	1	1	22.39	0.173	22.26	0.168	21.92	0.156
	Channel			631000	631000	633334	633334	635666	635666
	Frequency (MHz)			3465.00	3465.00	3500.01	3500.01	3534.99	3534.99
30	DFT-s-OFDM QPSK	1	1	22.31	0.170	22.12	0.163	21.69	0.148
	Channel			630668	630668	633334	633334	636000	636000
	Frequency (MHz)			3460.02	3460.02	3500.01	3500.01	3540.00	3540.00
20	DFT-s-OFDM QPSK	1	1	22.36	0.172	22.15	0.164	21.70	0.148
	Channel			630500	630500	633334	633334	636166	636166
	Frequency (MHz)			3457.50	3457.50	3500.01	3500.01	3542.49	3542.49
15	DFT-s-OFDM QPSK	1	1	22.33	0.171	22.06	0.161	21.65	0.146
	Channel			630334	630334	633334	633334	636332	636332
	Frequency (MHz)			3455.01	3455.01	3500.01	3500.01	3544.98	3544.98
10	DFT-s-OFDM QPSK	1	1	22.30	0.170	22.14	0.164	21.75	0.150

n78(3700-3800MHz)(PC3)									
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
Channel				/	/	650000	650000	/	/
Frequency (MHz)				/	/	3750.00	3750.00	/	/
100	DFT-s-OFDM PI/2 BPSK	1	1	/	/	22.10	0.162	/	/
100		1	136	/	/	22.07	0.161	/	/
100		1	271	/	/	21.85	0.153	/	/
100		135	1	/	/	21.95	0.157	/	/
100		135	67	/	/	22.15	0.164	/	/
100		135	136	/	/	21.40	0.138	/	/
100		270	0	/	/	21.67	0.147	/	/
100	DFT-s-OFDM QPSK	1	1	/	/	22.28	0.169	/	/
100		1	136	/	/	22.22	0.167	/	/
100		1	271	/	/	21.94	0.156	/	/
100		135	1	/	/	21.47	0.140	/	/
100		135	67	/	/	22.15	0.164	/	/
100		135	136	/	/	20.87	0.122	/	/
100	270	0	/	/	21.14	0.130	/	/	
100	DFT-s-OFDM 16QAM	1	1	/	/	17.05	0.051	/	/



100	DFT-s-OFDM 64QAM	1	1	/	/	19.63	0.092	/	/
100	DFT-s-OFDM 256QAM	1	1	/	/	18.73	0.075	/	/
100	CP-OFDM QPSK	1	1	/	/	20.52	0.113	/	/
100	CP-OFDM 16QAM	1	1	/	/	20.37	0.109	/	/
100	CP-OFDM 64QAM	1	1	/	/	18.38	0.069	/	/
100	CP-OFDM 256QAM	1	1	/	/	16.70	0.047	/	/
Channel				649668	649668	650000	650000	650332	650332
Frequency (MHz)				3745.02	3745.02	3750.00	3750.00	3754.98	3754.98
90	DFT-s-OFDM QPSK	1	1	22.13	0.163	22.22	0.167	22.25	0.168
Channel				649334	649334	650000	650000	650666	650666
Frequency (MHz)				3740.01	3740.01	3750.00	3750.00	3759.99	3759.99
80	DFT-s-OFDM QPSK	1	1	22.15	0.164	22.31	0.170	22.35	0.172
Channel				649000	649000	650000	650000	651000	651000
Frequency (MHz)				3735.00	3735.00	3750.00	3750.00	3765.00	3765.00
70	DFT-s-OFDM QPSK	1	1	22.19	0.166	22.31	0.170	22.34	0.171
Channel				648668	648668	650000	650000	651332	651332
Frequency (MHz)				3730.02	3730.02	3750.00	3750.00	3769.98	3769.98
60	DFT-s-OFDM QPSK	1	1	22.06	0.161	22.26	0.168	22.07	0.161
Channel				648334	648334	650000	650000	651666	651666
Frequency (MHz)				3725.01	3725.01	3750.00	3750.00	3774.99	3774.99
50	DFT-s-OFDM QPSK	1	1	22.08	0.161	22.29	0.169	21.99	0.158
Channel				648000	648000	650000	650000	652000	652000
Frequency (MHz)				3720.00	3720.00	3750.00	3750.00	3780.00	3780.00
40	DFT-s-OFDM QPSK	1	1	22.07	0.161	22.34	0.171	21.96	0.157
Channel				647668	647668	650000	650000	652332	652332
Frequency (MHz)				3715.02	3715.02	3750.00	3750.00	3784.98	3784.98



30	DFT-s-OFDM QPSK	1	1	22.18	0.165	22.28	0.169	21.93	0.156
Channel				647334	647334	650000	650000	652666	652666
Frequency (MHz)				3710.01	3710.01	3750.00	3750.00	3789.99	3789.99
20	DFT-s-OFDM QPSK	1	1	22.10	0.162	22.19	0.166	21.82	0.152
Channel				647168	647168	650000	650000	652832	652832
Frequency (MHz)				3707.52	3707.52	3750.00	3750.00	3792.48	3792.48
15	DFT-s-OFDM QPSK	1	1	22.10	0.162	22.12	0.163	21.86	0.153
Channel				647000	647000	650000	650000	653000	653000
Frequency (MHz)				3705.00	3705.00	3750.00	3750.00	3795.00	3795.00
10	DFT-s-OFDM QPSK	1	1	22.19	0.166	22.16	0.164	21.90	0.155

B66_n41									
BW [M Hz]	Modulation	R B Si ze	RB Off set	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
Channel				509202	509202	518598	518598	528000	528000
Frequency (MHz)				2546.01	2546.01	2592.99	2592.99	2640.00	2640.00
10 0	DFT-s-OFDM PI/2 BPSK	1	1	22.05	0.160	22.89	0.195	22.75	0.188
10 0		1	136	22.97	0.198	22.74	0.188	21.99	0.158
10 0		1	271	22.81	0.191	21.96	0.157	22.66	0.185
10 0		13 5	1	22.13	0.163	22.54	0.179	21.92	0.156
10 0		13 5	67	22.94	0.197	22.98	0.199	22.20	0.166
10 0		13 5	136	22.48	0.177	21.84	0.153	21.53	0.142
10 0		27 0	0	21.88	0.154	21.98	0.158	21.92	0.156
10	DFT-s-OFDM	1	1	22.07	0.161	22.88	0.194	22.77	0.189



0	QPSK								
10	QPSK	1	136	23.08	0.203	22.80	0.191	21.96	0.157
0		1	271	22.67	0.185	21.88	0.154	22.53	0.179
10		13	1	21.61	0.145	22.07	0.161	21.57	0.144
0		5	67	23.03	0.201	22.81	0.191	22.06	0.161
10		13	136	21.97	0.157	21.35	0.136	21.10	0.129
0		5	0	21.88	0.154	21.86	0.153	21.35	0.136
10		27	0	21.88	0.154	21.86	0.153	21.35	0.136
0	DFT-s-OFDM 16QAM	1	1	21.14	0.130	21.98	0.158	21.30	0.135
10	DFT-s-OFDM 64QAM	1	1	20.65	0.116	20.70	0.117	20.42	0.110
0	DFT-s-OFDM 256QAM	1	1	17.58	0.057	18.44	0.070	18.23	0.067
10	CP-OFDM QPSK	1	1	20.63	0.116	21.36	0.137	21.29	0.135
0	CP-OFDM 16QAM	1	1	20.01	0.100	20.82	0.121	20.67	0.117
10	CP-OFDM 64QAM	1	1	19.07	0.081	19.95	0.099	19.70	0.093
0	CP-OFDM 256QAM	1	1	17.19	0.052	17.20	0.052	16.11	0.041
Channel				508200	508200	518598	518598	528996	528996
Frequency (MHz)				2541.00	2541.00	2592.99	2592.99	2644.98	2644.98
90	DFT-s-OFDM QPSK	1	1	22.03	0.160	22.95	0.197	22.61	0.182
Channel				507204	507204	518598	518598	529998	529998
Frequency (MHz)				2536.02	2536.02	2592.99	2592.99	2649.99	2649.99
80	DFT-s-OFDM QPSK	1	1	22.10	0.162	23.09	0.204	22.47	0.177
Channel				506202	506202	518598	518598	531000	531000
Frequency (MHz)				2531.01	2531.01	2592.99	2592.99	2655.00	2655.00
70	DFT-s-OFDM	1	1	22.01	0.159	23.08	0.203	22.16	0.164



	QPSK								
	Channel			505200	505200	518598	518598	531996	531996
	Frequency (MHz)			2526.00	2526.00	2592.99	2592.99	2659.98	2659.98
60	DFT-s-OFDM QPSK	1	1	21.94	0.156	23.01	0.200	21.93	0.156
	Channel			504204	504204	518598	518598	532998	532998
	Frequency (MHz)			2521.02	2521.02	2592.99	2592.99	2664.99	2664.99
50	DFT-s-OFDM QPSK	1	1	22.00	0.158	22.99	0.199	21.90	0.155
	Channel			503202	503202	518598	518598	534000	534000
	Frequency (MHz)			2516.01	2516.01	2592.99	2592.99	2670.00	2670.00
40	DFT-s-OFDM QPSK	1	1	22.03	0.160	22.94	0.197	21.83	0.152
	Channel			502200	502200	518598	518598	534996	534996
	Frequency (MHz)			2511.00	2511.00	2592.99	2592.99	2674.98	2674.98
30	DFT-s-OFDM QPSK	1	1	22.03	0.160	22.88	0.194	21.86	0.153
	Channel			501204	501204	518598	518598	535998	535998
	Frequency (MHz)			2506.02	2506.02	2592.99	2592.99	2679.99	2679.99
20	DFT-s-OFDM QPSK	1	1	21.94	0.156	22.81	0.191	21.97	0.157
	Channel			500700	500700	518598	518598	536496	536496
	Frequency (MHz)			2503.50	2503.50	2592.99	2592.99	2682.48	2682.48
15	DFT-s-OFDM QPSK	1	1	21.92	0.156	22.81	0.191	22.05	0.160
	Channel			500202	500202	518598	518598	537000	537000
	Frequency (MHz)			2501.01	2501.01	2592.99	2592.99	2685.00	2685.00
10	DFT-s-OFDM QPSK	1	1	21.95	0.157	22.81	0.191	22.30	0.170

B66_n71									
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
Channel				134600	134600	136100	136100	137600	137600
Frequency (MHz)				673.00	673.00	680.50	680.50	688.00	688.00
20	DFT-s-OFDM PI/2 BPSK	1	1	15.13	0.033	15.49	0.035	15.54	0.036
20		1	53	15.58	0.036	15.51	0.036	15.40	0.035
20		1	104	15.40	0.035	15.40	0.035	15.49	0.035
20		50	1	15.39	0.035	15.49	0.035	15.50	0.035
20		50	25	15.52	0.036	15.47	0.035	15.40	0.035
20		50	50	15.61	0.036	15.39	0.035	15.47	0.035
20		100	0	15.49	0.035	15.44	0.035	15.52	0.036
20	DFT-s-OFDM QPSK	1	1	15.15	0.033	15.51	0.036	15.57	0.036
20		1	53	15.60	0.036	15.54	0.036	15.45	0.035
20		1	104	15.44	0.035	15.43	0.035	15.50	0.035
20		50	1	14.86	0.031	15.01	0.032	15.05	0.032
20		50	25	15.59	0.036	15.48	0.035	15.40	0.035
20		50	50	15.13	0.033	14.95	0.031	15.01	0.032
20	100	0	14.90	0.031	14.99	0.032	15.01	0.032	
20	DFT-s-OFDM 16QAM	1	1	14.88	0.031	15.09	0.032	15.14	0.033
20	DFT-s-OFDM 64QAM	1	1	13.51	0.022	13.66	0.023	13.73	0.024
20	DFT-s-OFDM 256QAM	1	1	10.65	0.012	11.56	0.014	11.58	0.014
20	CP-OFDM QPSK	1	1	14.17	0.026	14.53	0.028	14.54	0.028
20	CP-OFDM 16QAM	1	1	13.53	0.023	14.19	0.026	13.95	0.025
20	CP-OFDM 64QAM	1	1	12.53	0.018	12.90	0.019	12.94	0.020
20	CP-OFDM 256QAM	1	1	8.65	0.007	9.59	0.009	9.58	0.009



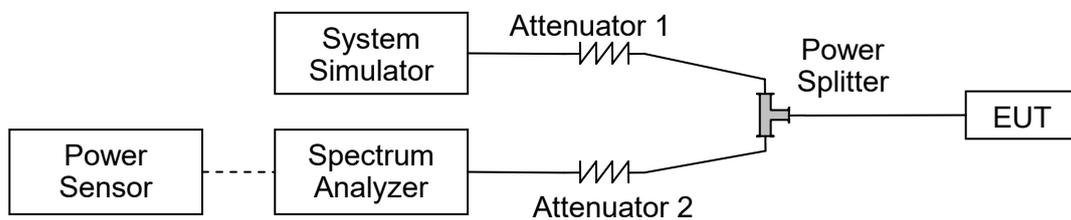
Channel				134100	134100	136100	136100	138100	138100
Frequency (MHz)				670.50	670.50	680.50	680.50	690.50	690.50
15	DFT-s-OFDM QPSK	1	1	15.17	0.033	15.61	0.036	15.46	0.035
Channel				133600	133600	136100	136100	138600	138600
Frequency (MHz)				668.00	668.00	680.50	680.50	693.00	693.00
10	DFT-s-OFDM QPSK	1	1	15.17	0.033	15.63	0.037	15.42	0.035
Channel				133100	133100	136100	136100	139100	139100
Frequency (MHz)				665.50	665.50	680.50	680.50	695.50	695.50
5	DFT-s-OFDM QPSK	1	1	15.12	0.033	15.56	0.036	15.47	0.035

2.2. Occupied Bandwidth

2.2.1. Requirement

According to RSS-Gen 6.7, the occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission. Occupied bandwidth is also known as the 99% emission bandwidth.

2.2.2. Test Description



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

2.2.3. Test procedure

KDB 971168 D01v03 Section 4.1, ANSI/TIA-603-E-2016 and ANSI C63.26-2015 Section 5.4.

2.2.4. Test Result



Band	SCS (kHz)	BW (MHz)	ARFCN	Modulation	RB	OBW (MHz)	26dB BW (MHz)	Verdict
n2	15	5	370500	DFT-s-OFDM PI/2 BPSK	25/0	4.4916	4.865	PASS
n2	15	5	370500	DFT-s-OFDM QPSK	25/0	4.4893	4.861	PASS
n2	15	5	370500	DFT-s-OFDM 16QAM	25/0	4.4877	4.902	PASS
n2	15	5	370500	DFT-s-OFDM 64QAM	25/0	4.4950	4.844	PASS
n2	15	5	370500	DFT-s-OFDM 256QAM	25/0	4.4847	4.867	PASS
n2	15	5	370500	CP-OFDM QPSK	25/0	4.4712	4.872	PASS
n2	15	5	376000	DFT-s-OFDM PI/2 BPSK	25/0	4.4935	4.878	PASS
n2	15	5	376000	DFT-s-OFDM QPSK	25/0	4.5135	4.894	PASS
n2	15	5	376000	DFT-s-OFDM 16QAM	25/0	4.4840	4.858	PASS
n2	15	5	376000	DFT-s-OFDM 64QAM	25/0	4.5027	4.877	PASS
n2	15	5	376000	DFT-s-OFDM 256QAM	25/0	4.4853	4.878	PASS
n2	15	5	376000	CP-OFDM QPSK	25/0	4.4799	4.878	PASS
n2	15	5	381500	DFT-s-OFDM PI/2 BPSK	25/0	4.4983	4.871	PASS
n2	15	5	381500	DFT-s-OFDM QPSK	25/0	4.4984	4.867	PASS
n2	15	5	381500	DFT-s-OFDM 16QAM	25/0	4.4876	4.878	PASS
n2	15	5	381500	DFT-s-OFDM 64QAM	25/0	4.4988	4.886	PASS
n2	15	5	381500	DFT-s-OFDM 256QAM	25/0	4.4927	4.888	PASS
n2	15	5	381500	CP-OFDM QPSK	25/0	4.4713	4.890	PASS



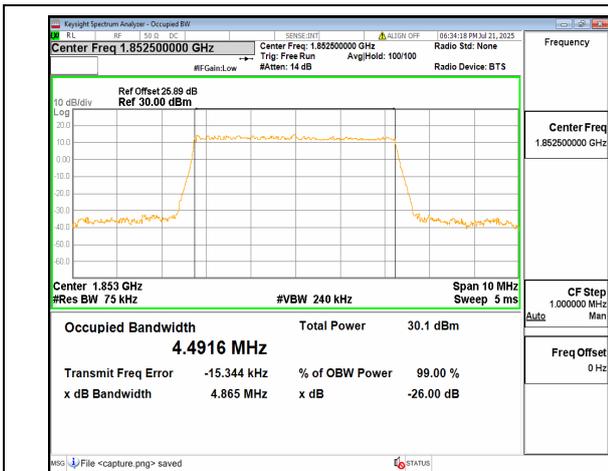
n2	15	10	371000	DFT-s-OFDM PI/2 BPSK	50/0	8.9694	9.470	PASS
n2	15	10	371000	DFT-s-OFDM QPSK	50/0	8.9366	9.448	PASS
n2	15	10	371000	DFT-s-OFDM 16QAM	50/0	8.9294	9.419	PASS
n2	15	10	371000	DFT-s-OFDM 64QAM	50/0	8.9488	9.464	PASS
n2	15	10	371000	DFT-s-OFDM 256QAM	50/0	8.9321	9.397	PASS
n2	15	10	371000	CP-OFDM QPSK	52/0	9.2808	9.842	PASS
n2	15	10	376000	DFT-s-OFDM PI/2 BPSK	50/0	8.9674	9.509	PASS
n2	15	10	376000	DFT-s-OFDM QPSK	50/0	8.9342	9.407	PASS
n2	15	10	376000	DFT-s-OFDM 16QAM	50/0	8.9285	9.440	PASS
n2	15	10	376000	DFT-s-OFDM 64QAM	50/0	8.9539	9.486	PASS
n2	15	10	376000	DFT-s-OFDM 256QAM	50/0	8.9331	9.450	PASS
n2	15	10	376000	CP-OFDM QPSK	52/0	9.2802	9.816	PASS
n2	15	10	381000	DFT-s-OFDM PI/2 BPSK	50/0	8.9651	9.520	PASS
n2	15	10	381000	DFT-s-OFDM QPSK	50/0	8.9336	9.429	PASS
n2	15	10	381000	DFT-s-OFDM 16QAM	50/0	8.9341	9.441	PASS
n2	15	10	381000	DFT-s-OFDM 64QAM	50/0	8.9504	9.509	PASS
n2	15	10	381000	DFT-s-OFDM 256QAM	50/0	8.9373	9.478	PASS
n2	15	10	381000	CP-OFDM QPSK	52/0	9.2824	9.842	PASS
n2	15	15	371500	DFT-s-OFDM PI/2 BPSK	75/0	13.426	14.136	PASS



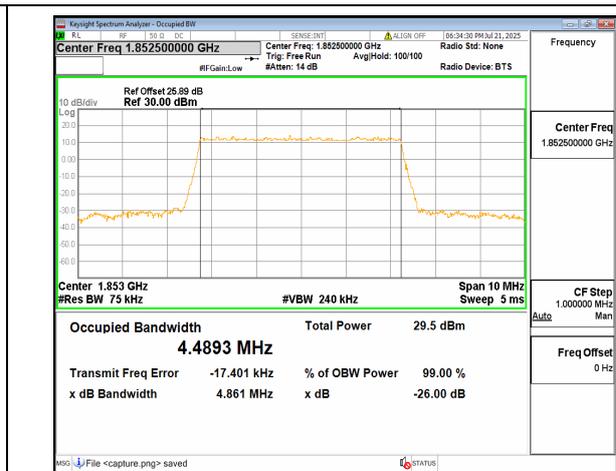
n2	15	15	371500	DFT-s-OFDM QPSK	75/0	13.421	14.176	PASS
n2	15	15	371500	DFT-s-OFDM 16QAM	75/0	13.413	14.140	PASS
n2	15	15	371500	DFT-s-OFDM 64QAM	75/0	13.430	14.117	PASS
n2	15	15	371500	DFT-s-OFDM 256QAM	75/0	13.423	14.147	PASS
n2	15	15	371500	CP-OFDM QPSK	79/0	14.108	14.880	PASS
n2	15	15	376000	DFT-s-OFDM PI/2 BPSK	75/0	13.430	14.169	PASS
n2	15	15	376000	DFT-s-OFDM QPSK	75/0	13.414	14.115	PASS
n2	15	15	376000	DFT-s-OFDM 16QAM	75/0	13.415	14.118	PASS
n2	15	15	376000	DFT-s-OFDM 64QAM	75/0	13.428	14.159	PASS
n2	15	15	376000	DFT-s-OFDM 256QAM	75/0	13.412	14.069	PASS
n2	15	15	376000	CP-OFDM QPSK	79/0	14.098	14.848	PASS
n2	15	15	380500	DFT-s-OFDM PI/2 BPSK	75/0	13.439	14.100	PASS
n2	15	15	380500	DFT-s-OFDM QPSK	75/0	13.418	14.132	PASS
n2	15	15	380500	DFT-s-OFDM 16QAM	75/0	13.413	14.136	PASS
n2	15	15	380500	DFT-s-OFDM 64QAM	75/0	13.429	14.113	PASS
n2	15	15	380500	DFT-s-OFDM 256QAM	75/0	13.414	14.140	PASS
n2	15	15	380500	CP-OFDM QPSK	79/0	14.103	14.840	PASS
n2	15	20	372000	DFT-s-OFDM PI/2 BPSK	100/0	17.893	18.831	PASS
n2	15	20	372000	DFT-s-OFDM QPSK	100/0	17.898	18.809	PASS



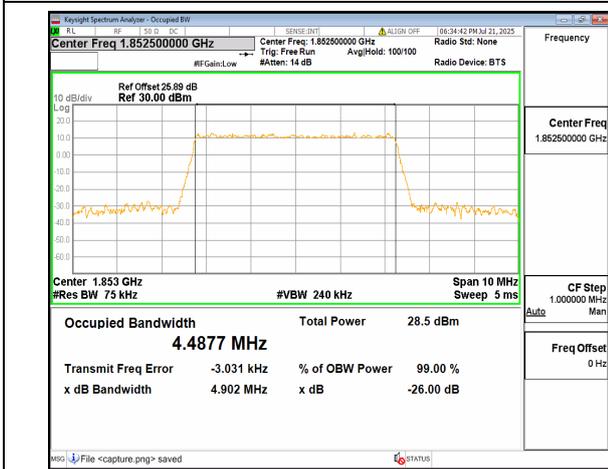
n2	15	20	372000	DFT-s-OFDM 16QAM	100/0	17.883	18.747	PASS
n2	15	20	372000	DFT-s-OFDM 64QAM	100/0	17.912	18.811	PASS
n2	15	20	372000	DFT-s-OFDM 256QAM	100/0	17.862	18.751	PASS
n2	15	20	372000	CP-OFDM QPSK	106/0	18.928	19.880	PASS
n2	15	20	376000	DFT-s-OFDM PI/2 BPSK	100/0	17.881	18.824	PASS
n2	15	20	376000	DFT-s-OFDM QPSK	100/0	17.861	18.791	PASS
n2	15	20	376000	DFT-s-OFDM 16QAM	100/0	17.880	18.765	PASS
n2	15	20	376000	DFT-s-OFDM 64QAM	100/0	17.898	18.814	PASS
n2	15	20	376000	DFT-s-OFDM 256QAM	100/0	17.865	18.785	PASS
n2	15	20	376000	CP-OFDM QPSK	106/0	18.930	19.873	PASS
n2	15	20	380000	DFT-s-OFDM PI/2 BPSK	100/0	17.879	18.777	PASS
n2	15	20	380000	DFT-s-OFDM QPSK	100/0	17.856	18.772	PASS
n2	15	20	380000	DFT-s-OFDM 16QAM	100/0	17.857	18.804	PASS
n2	15	20	380000	DFT-s-OFDM 64QAM	100/0	17.896	18.819	PASS
n2	15	20	380000	DFT-s-OFDM 256QAM	100/0	17.846	18.793	PASS
n2	15	20	380000	CP-OFDM QPSK	106/0	18.909	19.831	PASS



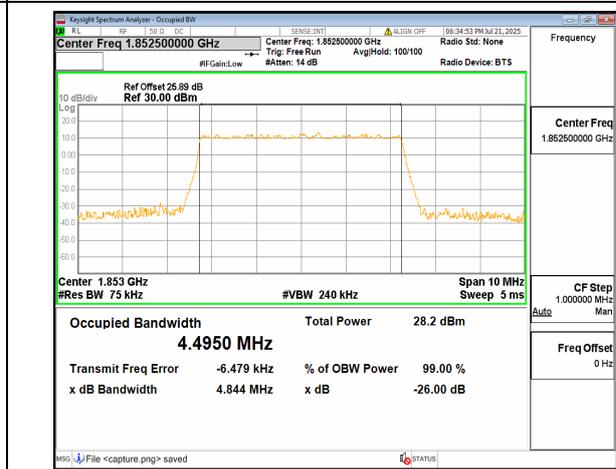
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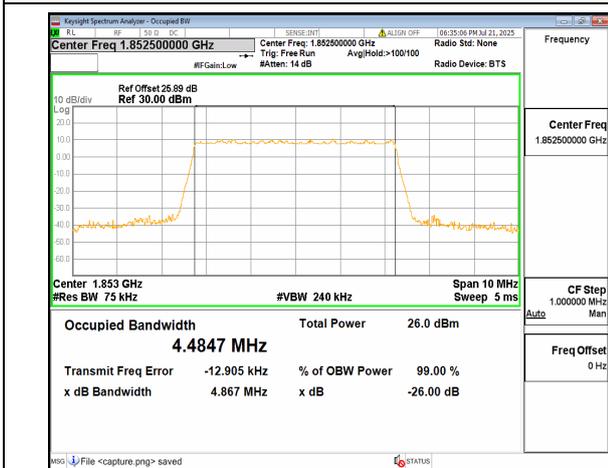
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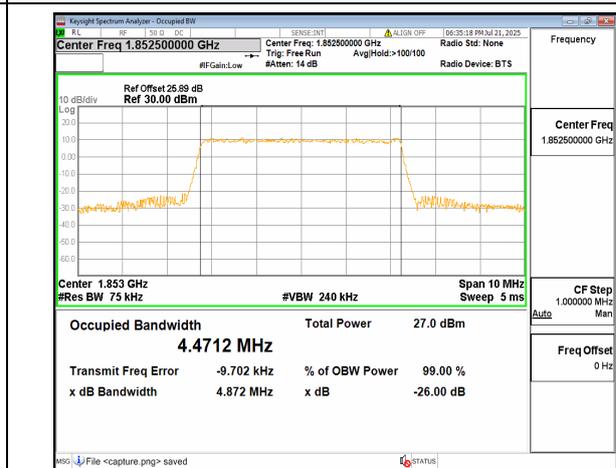
n2 5M DFT-s-OFDM 16QAM Outer_Full Low



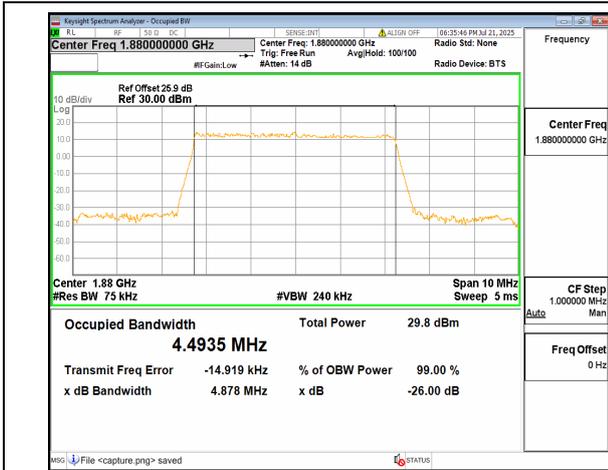
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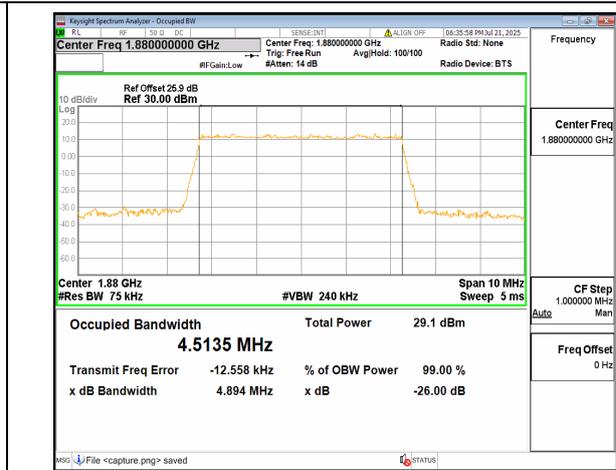
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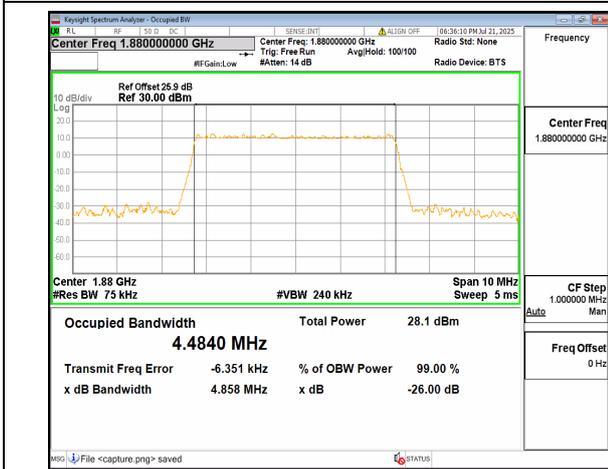
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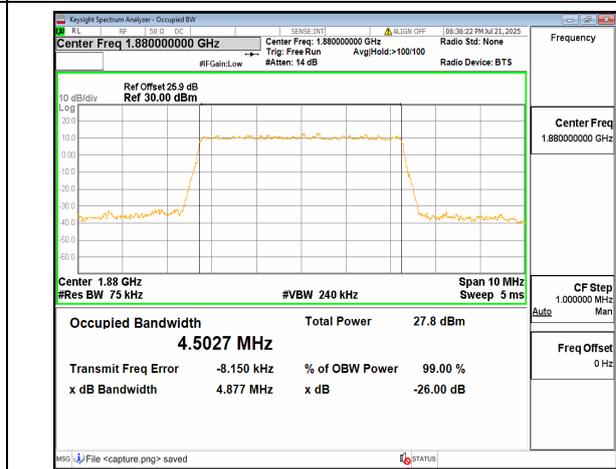
n2 5M DFT-s-OFDM BPSK Outer_Full Mid



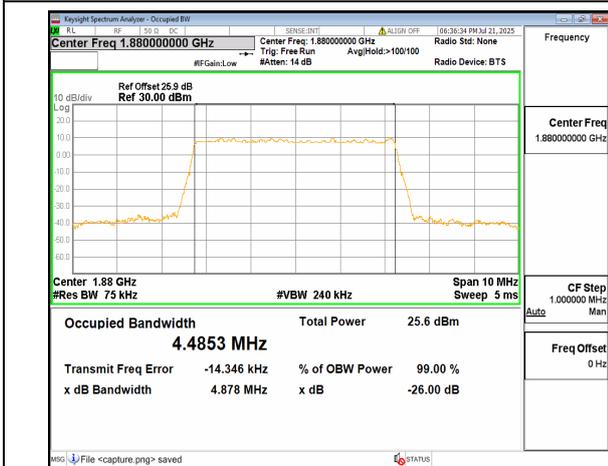
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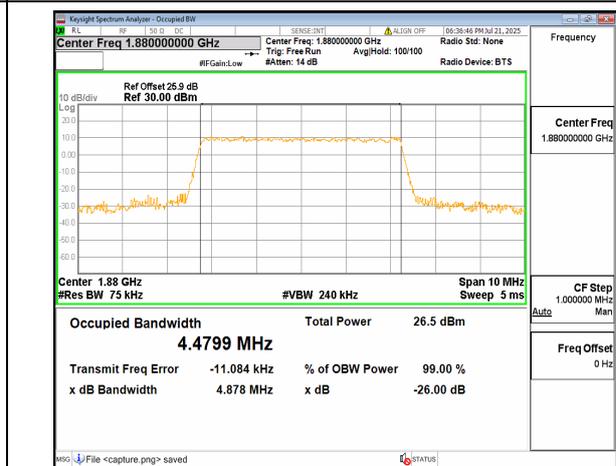
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n2 5M DFT-s-OFDM 64QAM Outer_Full Mid



n2 5M DFT-s-OFDM 256QAM Outer_Full Mid



n2 5M CP-OFDM QPSK Outer_Full Mid