



REPORT No.: SZ25060440W11

TEST REPORT

APPLICANT : Sun Cupid Technology (HK) Ltd.

PRODUCT NAME : 5G Smartphone

MODEL NAME : S6710X

Marketing Name : NUU B40, B40

BRAND NAME : NUU

FCC ID : 2ADINS6710X

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

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Change History		
Version	Date	Reason for change
1.0	2025-09-04	First edition

1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Sun Cupid Technology (HK) Ltd.
Applicant Address:	16/F, CEO Tower, 77 Wing Hong Street, Cheung Sha Wan, Kowloon, HongKong.
Manufacturer:	Sun Cupid Technology (HK) Ltd.
Manufacturer Address:	16/F, CEO Tower, 77 Wing Hong Street, Cheung Sha Wan, Kowloon, HongKong.

1.2. Equipment Under Test (EUT) Description

Product Name:	5G Smartphone	
Hardware Version:	S6710X-01	
Software Version:	S6710X-AM-V-MV25608-03	
Sample No.:	3#	
Modulation Type:	DFT-s-OFDM	PI/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM
	CP-OFDM	QPSK, 16QAM, 64QAM, 256QAM
SA Band:	n2, n5, n25, n41, n66, n71, n77	
Power Class:	PC2:	n41, n77
	PC3:	n2, n5, n7, n25, n41, n77
ENDC:	n2	DC_7A_n2A, DC_13A_n2A, DC_5A_n2A, DC_12A_n2A, DC_66A_n2A
	n5	DC_2A_n5A, DC_66A_n5A
	n41	DC_2A_n41A, DC_4A_n41A, DC_12A_n41A, DC_66A_n41A
	n66	DC_2A_n66A, DC_5A_n66A, DC_7A_n66A, DC_12A_n66A, DC_13A_n66A
	n77	DC_2A_n77A, DC_12A_n77A, DC_13A_n77A
Frequency Range:	n2	Tx: 1850MHz-1910MHz
		Rx: 1930MHz-1990MHz
	n5	Tx: 824MHz-849MHz
		Rx: 869MHz-894MHz



	n25	Tx: 1850MHz-1915MHz
		Rx: 1930MHz-1995MHz
	n41	Tx: 2496MHz-2690MHz
		Rx: 2496MHz-2690MHz
	n66	Tx: 1710MHz-1780MHz
		Rx: 2110MHz-2200MHz
	n71	Tx: 663MHz-698MHz
		Rx: 617MHz-652MHz
cChannel Bandwidth	n77 (enabling bands)	Tx: 3450MHz-3550MHz
		Rx: 3450MHz-3550MHz
		Tx: 3700MHz-3980MHz
		Rx: 3700MHz-3980MHz
	n2	5MHz, 10MHz, 15MHz, 20MHz
	n5	5MHz, 10MHz, 15MHz, 20MHz
	n25	5MHz, 10MHz, 15MHz, 20MHz
	n41	10MHz, 15MHz, 20MHz, 30MHz, 40MHz, 50MHz, 60MHz, 70MHz, 80MHz, 90MHz, 100MHz
Antenna Type:	n66	5MHz, 10MHz, 15MHz, 20MHz, 30MHz, 40MHz
	n71	5MHz, 10MHz, 15MHz, 20MHz
	n77	10MHz, 15MHz, 20MHz, 25M, 30MHz, 40MHz, 50MHz, 60MHz, 70MHz, 80MHz, 90MHz, 100MHz
	PIFA Antenna	
Antenna Gain:	n2	-2.20dBi
	n5	-3.70dBi
	n25	-2.20dBi
	n41	-1.20dBi
	n66	-1.70dBi
	n71	-6.20dBi
	n77	-0.50dBi
Accessory Information:	Battery Type1:	
	Brand Name:	N/A
	Model No.:	BL-A60CT
	Serial No.:	N/A
	Capacity:	4900mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	Huizhou Highpower Technology Co., Ltd.



	AC Adapter :	
	Brand Name:	NUU
	Model No.:	552A-033G-1C
	Serial No.:	N/A
	Rated Input:	100-240V~50/60HZ, 1A
	Rated Output:	N/A
	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: 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	/	/	/	4.4774	4M48G7D
	QPSK	22.81	20.61	0.115	4.5087	4M51G7D
	16QAM	/	/	/	4.4772	4M48W7D
	64QAM	/	/	/	4.4926	4M49W7D
	256QAM	/	/	/	4.4687	4M47W7D
	CP-QPSK	/	/	/	4.4801	4M48G7D
10	PI/2 BPSK	/	/	/	8.9482	8M95G7D
	QPSK	22.61	20.41	0.110	8.9483	8M95G7D
	16QAM	/	/	/	8.9439	8M94W7D
	64QAM	/	/	/	8.9705	8M97W7D
	256QAM	/	/	/	8.938	8M94W7D
	CP-QPSK	/	/	/	9.301	9M30G7D
15	PI/2 BPSK	/	/	/	13.45	13M5G7D
	QPSK	22.74	20.54	0.113	13.453	13M5G7D
	16QAM	/	/	/	13.425	13M4W7D
	64QAM	/	/	/	13.447	13M5W7D
	256QAM	/	/	/	13.435	13M4W7D
	CP-QPSK	/	/	/	14.118	14M1G7D
20	PI/2 BPSK	22.85	20.65	0.116	17.907	17M9G7D
	QPSK	22.95	20.75	0.119	17.917	17M9G7D
	16QAM	21.68	19.48	0.089	17.918	17M9W7D
	64QAM	20.38	18.18	0.066	17.872	17M9W7D
	256QAM	18.04	15.84	0.038	17.921	17M9W7D
	CP-QPSK	/	/	/	19.001	19M0G7D

n5						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
5	PI/2 BPSK	/	/	/	4.4813	4M48G7D
	QPSK	23.16	17.31	0.054	4.4804	4M48G7D
	16QAM	/	/	/	4.4846	4M48W7D
	64QAM	/	/	/	4.4663	4M47W7D
	256QAM	/	/	/	4.4856	4M49W7D
	CP-QPSK	/	/	/	4.4818	4M48G7D
10	PI/2 BPSK	/	/	/	8.9547	8M95G7D
	QPSK	23.04	17.19	0.052	8.9641	8M96G7D
	16QAM	/	/	/	8.9672	8M97W7D
	64QAM	/	/	/	8.943	8M94W7D
	256QAM	/	/	/	8.9503	8M95W7D
	CP-QPSK	/	/	/	9.3028	9M30G7D
15	PI/2 BPSK	/	/	/	13.437	13M4G7D
	QPSK	23.13	17.28	0.053	13.428	13M4G7D
	16QAM	/	/	/	13.419	13M4W7D
	64QAM	/	/	/	13.418	13M4W7D
	256QAM	/	/	/	13.426	13M4W7D
	CP-QPSK	/	/	/	14.103	14M1G7D
20	PI/2 BPSK	23.35	17.50	0.056	17.884	17M9G7D
	QPSK	23.44	17.59	0.057	17.884	17M9G7D
	16QAM	22.14	16.29	0.043	17.878	17M9W7D
	64QAM	20.78	14.93	0.031	17.88	17M9W7D
	256QAM	18.90	13.05	0.020	17.852	17M9W7D
	CP-QPSK	/	/	/	18.941	18M9G7D

n25						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
5	PI/2 BPSK	/	/	/	4.4735	4M47G7D
	QPSK	22.56	20.36	0.109	4.5088	4M51G7D
	16QAM	/	/	/	4.4794	4M48W7D
	64QAM	/	/	/	4.4948	4M49W7D
	256QAM	/	/	/	4.4686	4M47W7D
	CP-QPSK	/	/	/	4.479	4M48G7D
10	PI/2 BPSK	/	/	/	8.9431	8M94G7D
	QPSK	22.30	20.10	0.102	8.948	8M95G7D
	16QAM	/	/	/	8.9441	8M94W7D
	64QAM	/	/	/	8.949	8M95W7D
	256QAM	/	/	/	8.9312	8M93W7D
	CP-QPSK	/	/	/	9.2975	9M30G7D
15	PI/2 BPSK	/	/	/	13.426	13M4G7D
	QPSK	22.45	20.25	0.106	13.434	13M4G7D
	16QAM	/	/	/	13.404	13M4W7D
	64QAM	/	/	/	13.434	13M4W7D
	256QAM	/	/	/	13.41	13M4W7D
	CP-QPSK	/	/	/	14.086	14M1G7D
20	PI/2 BPSK	22.54	20.34	0.108	17.874	17M9G7D
	QPSK	22.58	20.38	0.109	17.907	17M9G7D
	16QAM	21.46	19.26	0.084	17.88	17M9W7D
	64QAM	20.13	17.93	0.062	17.861	17M9W7D
	256QAM	17.82	15.62	0.036	17.907	17M9W7D
	CP-QPSK	/	/	/	18.978	19M0G7D

n41						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
10	PI/2 BPSK	/	/	/	8.5931	8M59G7D
	QPSK	24.58	23.38	0.218	8.591	8M59G7D
	16QAM	/	/	/	8.5995	8M60W7D
	64QAM	/	/	/	8.6003	8M60W7D
	256QAM	/	/	/	8.5975	8M60W7D
	CP-QPSK	/	/	/	8.6148	8M61G7D
15	PI/2 BPSK	/	/	/	12.881	12M9G7D
	QPSK	24.53	23.33	0.215	12.926	12M9G7D
	16QAM	/	/	/	12.895	12M9W7D
	64QAM	/	/	/	12.898	12M9W7D
	256QAM	/	/	/	12.878	12M9W7D
	CP-QPSK	/	/	/	12.893	12M9G7D
20	PI/2 BPSK	/	/	/	17.886	17M9G7D
	QPSK	24.41	23.21	0.209	17.876	17M9G7D
	16QAM	/	/	/	17.904	17M9W7D
	64QAM	/	/	/	17.859	17M9W7D
	256QAM	/	/	/	17.901	17M9W7D
	CP-QPSK	/	/	/	17.904	17M9G7D
30	PI/2 BPSK	/	/	/	26.946	27M0G7D
	QPSK	24.41	23.21	0.209	26.876	26M9G7D
	16QAM	/	/	/	26.962	27M0W7D
	64QAM	/	/	/	26.875	26M9W7D
	256QAM	/	/	/	26.891	26M9W7D
	CP-QPSK	/	/	/	26.883	26M9G7D
40	PI/2 BPSK	/	/	/	35.826	35M8G7D
	QPSK	23.94	22.74	0.188	35.827	35M8G7D
	16QAM	/	/	/	35.81	35M8W7D
	64QAM	/	/	/	35.787	35M8W7D
	256QAM	/	/	/	35.742	35M7W7D
	CP-QPSK	/	/	/	35.752	35M8G7D
50	PI/2 BPSK	/	/	/	45.711	45M7G7D
	QPSK	24.24	23.04	0.201	45.76	45M8G7D
	16QAM	/	/	/	45.708	45M7W7D



	64QAM	/	/	/	45.731	45M7W7D
	256QAM	/	/	/	45.728	45M7W7D
	CP-QPSK	/	/	/	45.824	45M8G7D
60	PI/2 BPSK	/	/	/	57.881	57M9G7D
	QPSK	24.12	22.92	0.196	57.88	57M9G7D
	16QAM	/	/	/	57.977	58M0W7D
	64QAM	/	/	/	57.836	57M8W7D
	256QAM	/	/	/	57.92	57M9W7D
	CP-QPSK	/	/	/	57.824	57M8G7D
	PI/2 BPSK	/	/	/	64.392	64M4G7D
70	QPSK	24.19	22.99	0.199	64.38	64M4G7D
	16QAM	/	/	/	64.401	64M4W7D
	64QAM	/	/	/	64.446	64M5W7D
	256QAM	/	/	/	64.548	64M6W7D
	CP-QPSK	/	/	/	64.424	64M4G7D
	PI/2 BPSK	/	/	/	77.266	77M3G7D
80	QPSK	24.05	22.85	0.193	77.203	77M2G7D
	16QAM	/	/	/	77.312	77M3W7D
	64QAM	/	/	/	77.298	77M3W7D
	256QAM	/	/	/	77.154	77M2W7D
	CP-QPSK	/	/	/	77.102	77M1G7D
	PI/2 BPSK	/	/	/	86.928	86M9G7D
90	QPSK	23.86	22.66	0.185	86.707	86M7G7D
	16QAM	/	/	/	86.885	86M9W7D
	64QAM	/	/	/	86.831	86M8W7D
	256QAM	/	/	/	86.896	86M9W7D
	CP-QPSK	/	/	/	86.994	87M0G7D
	PI/2 BPSK	24.57	23.37	0.217	96.428	96M4G7D
100	QPSK	24.63	23.43	0.220	96.323	96M3G7D
	16QAM	22.86	21.66	0.147	96.339	96M3W7D
	64QAM	21.36	20.16	0.104	96.401	96M4W7D
	256QAM	19.54	18.34	0.068	96.527	96M5W7D
	CP-QPSK	/	/	/	96.447	96M5G7D

n66						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
5	PI/2 BPSK	/	/	/	4.4899	4M49G7D
	QPSK	22.63	20.93	0.124	4.4943	4M49G7D
	16QAM	/	/	/	4.4863	4M49W7D
	64QAM	/	/	/	4.4873	4M49W7D
	256QAM	/	/	/	4.5029	4M50W7D
	CP-QPSK	/	/	/	4.4848	4M48G7D
10	PI/2 BPSK	/	/	/	8.9396	8M94G7D
	QPSK	22.39	20.69	0.117	8.9614	8M96G7D
	16QAM	/	/	/	8.9697	8M97W7D
	64QAM	/	/	/	8.9638	8M96W7D
	256QAM	/	/	/	8.9418	8M94W7D
	CP-QPSK	/	/	/	9.2887	9M29G7D
15	PI/2 BPSK	/	/	/	13.426	13M4G7D
	QPSK	22.51	20.81	0.121	13.454	13M5G7D
	16QAM	/	/	/	13.434	13M4W7D
	64QAM	/	/	/	13.424	13M4W7D
	256QAM	/	/	/	13.418	13M4W7D
	CP-QPSK	/	/	/	14.103	14M1G7D
20	PI/2 BPSK	/	/	/	17.882	17M9G7D
	QPSK	22.46	20.76	0.119	17.893	17M9G7D
	16QAM	/	/	/	17.895	17M9W7D
	64QAM	/	/	/	17.923	17M9W7D
	256QAM	/	/	/	17.88	17M9W7D
	CP-QPSK	/	/	/	18.937	18M9G7D
25	PI/2 BPSK	/	/	/	22.85	22M9G7D
	QPSK	22.40	20.70	0.117	22.839	22M8G7D
	16QAM	/	/	/	22.853	22M9W7D
	64QAM	/	/	/	22.846	22M9W7D
	256QAM	/	/	/	22.87	22M9W7D
	CP-QPSK	/	/	/	23.712	23M7G7D
30	PI/2 BPSK	/	/	/	28.564	28M6G7D
	QPSK	22.24	20.54	0.113	28.631	28M6G7D
	16QAM	/	/	/	28.571	28M6W7D

	64QAM	/	/	/	28.555	28M6W7D
	256QAM	/	/	/	28.588	28M6W7D
	CP-QPSK	/	/	/	28.561	28M6G7D
40	PI/2 BPSK	22.55	20.85	0.122	38.589	38M6G7D
	QPSK	22.94	21.24	0.133	38.625	38M6G7D
	16QAM	21.09	19.39	0.087	38.703	38M7W7D
	64QAM	19.81	18.11	0.065	38.485	38M5W7D
	256QAM	17.46	15.76	0.038	38.56	38M6W7D
	CP-QPSK	/	/	/	38.564	38M6G7D

n71						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
5	PI/2 BPSK	/	/	/	4.5051	4M51G7D
	QPSK	22.99	14.64	0.029	4.4869	4M49G7D
	16QAM	/	/	/	4.4758	4M48W7D
	64QAM	/	/	/	4.4923	4M49W7D
	256QAM	/	/	/	4.4917	4M49W7D
	CP-QPSK	/	/	/	4.4823	4M48G7D
10	PI/2 BPSK	/	/	/	8.9424	8M94G7D
	QPSK	22.77	14.42	0.028	8.9622	8M96G7D
	16QAM	/	/	/	8.9602	8M96W7D
	64QAM	/	/	/	8.9663	8M97W7D
	256QAM	/	/	/	8.9325	8M93W7D
	CP-QPSK	/	/	/	9.2846	9M28G7D
15	PI/2 BPSK	/	/	/	13.416	13M4G7D
	QPSK	22.91	14.56	0.029	13.438	13M4G7D
	16QAM	/	/	/	13.409	13M4W7D
	64QAM	/	/	/	13.42	13M4W7D
	256QAM	/	/	/	13.414	13M4W7D
	CP-QPSK	/	/	/	14.092	14M1G7D
20	PI/2 BPSK	23.11	14.76	0.030	17.882	17M9G7D
	QPSK	23.15	14.80	0.030	17.9	17M9G7D
	16QAM	21.88	13.53	0.023	17.889	17M9W7D
	64QAM	20.71	12.36	0.017	17.874	17M9W7D



	256QAM	18.84	10.49	0.011	17.884	17M9W7D
	CP-QPSK	/	/	/	18.93	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	/	/	/	8.5866	8M59G7D
	QPSK	24.26	23.76	0.238	8.6066	8M61G7D
	16QAM	/	/	/	8.6073	8M61W7D
	64QAM	/	/	/	8.6096	8M61W7D
	256QAM	/	/	/	8.6091	8M61W7D
	CP-QPSK	/	/	/	8.598	8M60G7D
15	PI/2 BPSK	/	/	/	12.891	12M9G7D
	QPSK	24.27	23.77	0.238	12.888	12M9G7D
	16QAM	/	/	/	12.878	12M9W7D
	64QAM	/	/	/	12.875	12M9W7D
	256QAM	/	/	/	12.871	12M9W7D
	CP-QPSK	/	/	/	12.875	12M9G7D
20	PI/2 BPSK	/	/	/	17.87	17M9G7D
	QPSK	24.20	23.70	0.234	17.876	17M9G7D
	16QAM	/	/	/	17.881	17M9W7D
	64QAM	/	/	/	17.857	17M9W7D
	256QAM	/	/	/	17.905	17M9W7D
	CP-QPSK	/	/	/	17.872	17M9G7D
25	PI/2 BPSK	/	/	/	22.843	22M8G7D
	QPSK	24.21	23.71	0.235	22.847	22M9G7D
	16QAM	/	/	/	22.854	22M9W7D
	64QAM	/	/	/	22.846	22M9W7D
	256QAM	/	/	/	22.871	22M9W7D
	CP-QPSK	/	/	/	22.876	22M9G7D
30	PI/2 BPSK	/	/	/	26.931	26M9G7D
	QPSK	24.13	23.63	0.231	26.861	26M9G7D
	16QAM	/	/	/	26.935	26M9W7D
	64QAM	/	/	/	26.913	26M9W7D
	256QAM	/	/	/	26.862	26M9W7D



	CP-QPSK	/	/	/	26.829	26M8G7D
40	PI/2 BPSK	/	/	/	35.882	35M9G7D
	QPSK	23.93	23.43	0.220	35.822	35M8G7D
	16QAM	/	/	/	35.773	35M8W7D
	64QAM	/	/	/	35.829	35M8W7D
	256QAM	/	/	/	35.809	35M8W7D
	CP-QPSK	/	/	/	35.751	35M8G7D
50	PI/2 BPSK	/	/	/	45.791	45M8G7D
	QPSK	24.14	23.64	0.231	45.774	45M8G7D
	16QAM	/	/	/	45.729	45M7W7D
	64QAM	/	/	/	45.854	45M9W7D
	256QAM	/	/	/	45.765	45M8W7D
	CP-QPSK	/	/	/	45.734	45M7G7D
60	PI/2 BPSK	/	/	/	57.854	57M9G7D
	QPSK	23.98	23.48	0.223	57.933	57M9G7D
	16QAM	/	/	/	57.789	57M8W7D
	64QAM	/	/	/	57.95	58M0W7D
	256QAM	/	/	/	57.921	57M9W7D
	CP-QPSK	/	/	/	57.85	57M9G7D
70	PI/2 BPSK	/	/	/	64.417	64M4G7D
	QPSK	24.03	23.53	0.225	64.361	64M4G7D
	16QAM	/	/	/	64.395	64M4W7D
	64QAM	/	/	/	64.399	64M4W7D
	256QAM	/	/	/	64.396	64M4W7D
	CP-QPSK	/	/	/	64.346	64M4G7D
80	PI/2 BPSK	/	/	/	77.063	77M1G7D
	QPSK	23.97	23.47	0.222	77.156	77M2G7D
	16QAM	/	/	/	77.157	77M2W7D
	64QAM	/	/	/	77.075	77M1W7D
	256QAM	/	/	/	77.087	77M1W7D
	CP-QPSK	/	/	/	77.075	77M1G7D
90	PI/2 BPSK	/	/	/	86.725	86M7G7D
	QPSK	23.78	23.28	0.213	86.834	86M8G7D
	16QAM	/	/	/	86.758	86M8W7D
	64QAM	/	/	/	86.758	86M8W7D
	256QAM	/	/	/	86.702	86M7W7D
	CP-QPSK	/	/	/	86.723	86M7G7D



100	PI/2 BPSK	24.07	23.57	0.228	96.167	96M2G7D
	QPSK	24.46	23.96	0.249	96.158	96M2G7D
	16QAM	22.70	22.20	0.166	96.029	96M0W7D
	64QAM	20.94	20.44	0.111	96.025	96M0W7D
	256QAM	19.05	18.55	0.072	96.099	96M1W7D
	CP-QPSK	/	/	/	95.979	96M0G7D

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	/	/	/	8.585	8M59G7D
	QPSK	24.07	23.57	0.228	8.5901	8M59G7D
	16QAM	/	/	/	8.6089	8M61W7D
	64QAM	/	/	/	8.5658	8M57W7D
	256QAM	/	/	/	8.5962	8M60W7D
	CP-QPSK	/	/	/	8.6058	8M61G7D
15	PI/2 BPSK	/	/	/	12.854	12M9G7D
	QPSK	24.04	23.54	0.226	12.868	12M9G7D
	16QAM	/	/	/	12.872	12M9W7D
	64QAM	/	/	/	12.886	12M9W7D
	256QAM	/	/	/	12.872	12M9W7D
	CP-QPSK	/	/	/	12.888	12M9G7D
20	PI/2 BPSK	/	/	/	17.861	17M9G7D
	QPSK	24.00	23.50	0.224	17.879	17M9G7D
	16QAM	/	/	/	17.859	17M9W7D
	64QAM	/	/	/	17.875	17M9W7D
	256QAM	/	/	/	17.856	17M9W7D
	CP-QPSK	/	/	/	17.877	17M9G7D
25	PI/2 BPSK	/	/	/	22.874	22M9G7D
	QPSK	23.89	23.39	0.218	22.868	22M9G7D
	16QAM	/	/	/	22.868	22M9W7D
	64QAM	/	/	/	22.836	22M8W7D
	256QAM	/	/	/	22.867	22M9W7D
	CP-QPSK	/	/	/	22.857	22M9G7D
30	PI/2 BPSK	/	/	/	26.875	26M9G7D



	QPSK	23.77	23.27	0.212	26.882	26M9G7D
	16QAM	/	/	/	26.909	26M9W7D
	64QAM	/	/	/	26.873	26M9W7D
	256QAM	/	/	/	26.853	26M9W7D
	CP-QPSK	/	/	/	26.837	26M8G7D
40	PI/2 BPSK	/	/	/	35.824	35M8G7D
	QPSK	23.53	23.03	0.201	35.906	35M9G7D
	16QAM	/	/	/	35.789	35M8W7D
	64QAM	/	/	/	35.746	35M8W7D
	256QAM	/	/	/	35.84	35M8W7D
	CP-QPSK	/	/	/	35.75	35M8G7D
50	PI/2 BPSK	/	/	/	45.778	45M8G7D
	QPSK	23.79	23.29	0.213	45.798	45M8G7D
	16QAM	/	/	/	45.786	45M8W7D
	64QAM	/	/	/	45.876	45M9W7D
	256QAM	/	/	/	45.826	45M8W7D
	CP-QPSK	/	/	/	45.731	45M7G7D
60	PI/2 BPSK	/	/	/	57.871	57M9G7D
	QPSK	23.65	23.15	0.207	57.855	57M9G7D
	16QAM	/	/	/	57.803	57M8W7D
	64QAM	/	/	/	57.911	57M9W7D
	256QAM	/	/	/	57.919	57M9W7D
	CP-QPSK	/	/	/	57.838	57M8G7D
70	PI/2 BPSK	/	/	/	64.444	64M4G7D
	QPSK	23.71	23.21	0.209	64.444	64M4G7D
	16QAM	/	/	/	64.419	64M4W7D
	64QAM	/	/	/	64.351	64M4W7D
	256QAM	/	/	/	64.436	64M4W7D
	CP-QPSK	/	/	/	64.425	64M4G7D
80	PI/2 BPSK	/	/	/	77.135	77M1G7D
	QPSK	23.58	23.08	0.203	77.164	77M2G7D
	16QAM	/	/	/	77.095	77M1W7D
	64QAM	/	/	/	77.125	77M1W7D
	256QAM	/	/	/	77.189	77M2W7D
	CP-QPSK	/	/	/	77.149	77M2G7D
90	PI/2 BPSK	/	/	/	86.886	86M9G7D
	QPSK	23.35	22.85	0.193	86.885	86M9G7D



	16QAM	/	/	/	86.675	86M7W7D
	64QAM	/	/	/	86.778	86M8W7D
	256QAM	/	/	/	86.719	86M7W7D
	CP-QPSK	/	/	/	86.724	86M7G7D
100	PI/2 BPSK	24.00	23.50	0.224	96.164	96M2G7D
	QPSK	24.12	23.62	0.230	96.321	96M3G7D
	16QAM	22.20	21.70	0.148	96.365	96M4W7D
	64QAM	20.48	19.98	0.100	96.168	96M2W7D
	256QAM	18.67	18.17	0.066	96.157	96M2W7D
	CP-QPSK	/	/	/	96.198	96M2G7D

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 96 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

n2 & n25			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §24.232(c)	EIRP $\leq$ 2 W	PASS
Peak-Average Ratio	§24.232(d)	Limit $\leq$ 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)	$\leq$ -13 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §24.238(a)	$\leq$ -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			
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

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 Ratio	Gan Jing	PASS	/
Conducted Spurious Emissions	Gan Jing	PASS	/
Band Edge	Gan Jing	PASS	/
Radiated Spurious Emissions	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.			



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, the ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

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

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

According to FCC section 27.50(j)(3) for n77(3700-3980MHz), 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(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.

Worse case:

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	22.74	22.85	22.69
20		1	53	22.66	22.63	22.58
20		1	104	22.60	22.38	22.59
20		50	1	22.18	22.05	22.12
20		50	25	22.68	22.60	22.59
20		50	50	22.07	22.09	22.09
20		100	0	22.16	22.11	22.13
20	DFT-s-OFDM QPSK	1	1	22.92	22.95	22.90
20		1	53	22.68	22.64	22.57
20		1	104	22.62	22.42	22.60
20		50	1	21.62	21.58	21.62
20		50	25	22.65	22.69	22.62
20		50	50	21.50	21.64	21.58
20		100	0	21.64	21.67	21.63
20	DFT-s-OFDM 16QAM	1	1	21.68	21.58	21.36
20	DFT-s-OFDM 64QAM	1	1	20.38	20.28	20.05
20	DFT-s-OFDM 256QAM	1	1	18.04	17.95	17.73
20	CP-OFDM QPSK	1	1	21.11	21.01	20.79
20	CP-OFDM 16QAM	1	1	20.53	20.41	20.18
20	CP-OFDM 64QAM	1	1	19.43	19.33	19.18
20	CP-OFDM 256QAM	1	1	15.85	15.81	15.58
Channel				371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5
15	DFT-s-OFDM QPSK	1	1	22.74	22.58	22.51
Channel				371000	376000	381000



Frequency (MHz)					1855	1880	1905
10	DFT-s-OFDM QPSK	1	1		22.61	22.44	22.40
Channel					370500	376000	381500
Frequency (MHz)					1852.5	1880	1907.5
5	DFT-s-OFDM QPSK	1	1		22.81	22.69	22.78

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	23.06	23.10	23.08
20		1	53	23.19	23.16	23.13
20		1	104	22.98	22.91	22.91
20		50	1	22.62	22.73	22.68
20		50	25	23.29	23.24	23.35
20		50	50	22.66	22.59	20.14
20		100	0	22.59	22.61	22.76
20	DFT-s-OFDM QPSK	1	1	23.40	23.44	23.42
20		1	53	23.20	23.18	23.17
20		1	104	22.99	22.98	22.95
20		50	1	22.11	22.18	22.22
20		50	25	23.20	23.21	23.18
20		50	50	22.09	22.06	22.13
20		100	0	22.17	22.21	22.16
20	DFT-s-OFDM 16QAM	1	1	21.99	22.14	22.11
20	DFT-s-OFDM 64QAM	1	1	20.72	20.78	20.70
20	DFT-s-OFDM 256QAM	1	1	18.90	18.52	18.78
20	CP-OFDM QPSK	1	1	21.68	21.55	21.69
20	CP-OFDM 16QAM	1	1	21.22	21.32	21.44
20	CP-OFDM 64QAM	1	1	19.62	19.66	20.02
20	CP-OFDM 256QAM	1	1	17.03	17.09	17.16
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM QPSK	1	1	23.12	23.13	23.06
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844



10	DFT-s-OFDM QPSK	1	1	22.95	23.04	22.93
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM QPSK	1	1	23.13	23.16	23.14

n25						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel				372000	376500	381000
Frequency (MHz)				1860	1882.5	1905
20	DFT-s-OFDM PI/2 BPSK	1	1	22.33	22.28	22.24
20		1	53	22.50	22.40	22.54
20		1	104	22.30	22.17	22.43
20		50	1	21.90	21.84	22.10
20		50	25	22.54	22.38	22.51
20		50	50	21.91	21.81	21.98
20		100	0	21.97	21.81	22.04
20	DFT-s-OFDM QPSK	1	1	22.40	22.31	22.27
20		1	53	22.53	22.58	22.55
20		1	104	22.35	22.18	22.52
20		50	1	21.42	21.34	21.50
20		50	25	22.50	22.54	22.49
20		50	50	21.38	21.36	21.53
20		100	0	21.48	21.32	21.57
20	DFT-s-OFDM 16QAM	1	1	21.46	21.27	21.31
20	DFT-s-OFDM 64QAM	1	1	20.13	20.06	20.03
20	DFT-s-OFDM 256QAM	1	1	17.82	17.70	17.64
20	CP-OFDM QPSK	1	1	20.89	20.76	20.67
20	CP-OFDM 16QAM	1	1	20.27	20.23	20.14
20	CP-OFDM 64QAM	1	1	19.20	19.15	19.08
20	CP-OFDM 256QAM	1	1	15.67	15.62	15.53
Channel				371500	376500	381500
Frequency (MHz)				1857.5	1882.5	1907.5
15	DFT-s-OFDM QPSK	1	1	22.45	22.28	22.31
Channel				371000	376500	382000
Frequency (MHz)				1855	1882.5	1910
10	DFT-s-OFDM QPSK	1	1	22.30	22.17	22.26



Channel					370500	376500	382500
Frequency (MHz)					1852.5	1882.5	1912.5
5	DFT-s-OFDM QPSK	1	1		22.52	22.35	22.56

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	23.50	23.47	23.80	
100		1	136	24.32	24.57	24.57	
100		1	271	23.73	23.72	23.34	
100		135	1	23.81	23.74	23.91	
100		135	67	24.43	24.57	24.53	
100		135	136	23.82	23.90	23.62	
100		270	0	23.90	23.90	19.48	
100	DFT-s-OFDM QPSK	1	1	23.51	23.50	23.76	
100		1	136	24.59	24.63	24.56	
100		1	271	23.73	23.75	23.36	
100		135	1	23.34	23.27	23.43	
100		135	67	24.49	24.58	24.57	
100		135	136	23.31	23.43	23.13	
100		270	0	23.35	23.43	23.44	
100	DFT-s-OFDM 16QAM	1	1	22.62	22.55	22.86	
100	DFT-s-OFDM 64QAM	1	1	21.12	21.05	21.36	
100	DFT-s-OFDM 256QAM	1	1	19.31	19.28	19.54	
100	CP-OFDM QPSK	1	1	22.02	21.99	22.27	
100	CP-OFDM 16QAM	1	1	21.50	21.48	21.72	
100	CP-OFDM 64QAM	1	1	20.00	19.98	20.25	
100	CP-OFDM 256QAM	1	1	17.33	17.27	17.59	
Channel				508200	518598	528996	
Frequency (MHz)				2541	2592.99	2644.98	
90	DFT-s-OFDM QPSK	1	1	23.61	23.57	23.86	
Channel				507204	518598	529998	
Frequency (MHz)				2536.02	2592.99	2649.99	
80	DFT-s-OFDM QPSK	1	1	23.87	23.84	24.05	
Channel				506202	518598	531000	



Frequency (MHz)				2531.01	2592.99	2655
70	DFT-s-OFDM QPSK	1	1	23.96	23.99	24.19
Channel				505200	518598	531996
Frequency (MHz)				2526	2592.99	2659.98
60	DFT-s-OFDM QPSK	1	1	23.99	23.98	24.12
Channel				504204	518598	532998
Frequency (MHz)				2521.02	2592.99	2664.99
50	DFT-s-OFDM QPSK	1	1	24.08	24.16	24.24
Channel				503202	518598	534000
Frequency (MHz)				2516.01	2592.99	2670
40	DFT-s-OFDM QPSK	1	1	23.88	23.94	23.88
Channel				502200	518598	534996
Frequency (MHz)				2511	2592.99	2674.98
30	DFT-s-OFDM QPSK	1	1	24.07	24.13	23.88
Channel				501204	518598	535998
Frequency (MHz)				2506.02	2592.99	2679.99
20	DFT-s-OFDM QPSK	1	1	24.26	24.41	24.12
Channel				500700	518598	536496
Frequency (MHz)				2503.5	2592.99	2682.48
15	DFT-s-OFDM QPSK	1	1	24.35	24.53	24.19
Channel				500202	518598	537000
Frequency (MHz)				2501.01	2592.99	2685
10	DFT-s-OFDM QPSK	1	1	24.35	24.58	24.18

n41(PC3)						
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	20.48	20.44	20.71
100		1	136	21.31	21.57	21.53
100		1	271	20.82	20.66	20.43
100		135	1	20.78	20.65	20.85
100		135	67	21.37	21.54	21.54
100		135	136	20.95	20.85	20.70
100		270	0	20.79	20.83	20.84
100	DFT-s-OFDM QPSK	1	1	20.47	20.44	20.70



100		1	136	21.50	21.61	21.57
100		1	271	20.73	20.67	20.30
100		135	1	20.56	20.44	20.61
100		135	67	21.48	21.55	21.51
100		135	136	20.52	20.61	20.28
100		270	0	20.53	20.59	20.61
100	DFT-s-OFDM 16QAM	1	1	19.97	19.95	20.25
100	DFT-s-OFDM 64QAM	1	1	18.46	18.40	18.67
100	DFT-s-OFDM 256QAM	1	1	16.20	16.20	16.45
100	CP-OFDM QPSK	1	1	19.35	19.35	19.62
100	CP-OFDM 16QAM	1	1	18.77	18.79	19.06
100	CP-OFDM 64QAM	1	1	17.34	17.33	17.59
100	CP-OFDM 256QAM	1	1	14.13	14.15	14.37
Channel				508200	518598	528996
Frequency (MHz)				2541	2592.99	2644.98
90	DFT-s-OFDM QPSK	1	1	20.60	20.54	20.78
Channel				507204	518598	529998
Frequency (MHz)				2536.02	2592.99	2649.99
80	DFT-s-OFDM QPSK	1	1	20.80	20.77	20.97
Channel				506202	518598	531000
Frequency (MHz)				2531.01	2592.99	2655
70	DFT-s-OFDM QPSK	1	1	20.89	20.95	21.10
Channel				505200	518598	531996
Frequency (MHz)				2526	2592.99	2659.98
60	DFT-s-OFDM QPSK	1	1	20.94	20.96	21.12
Channel				504204	518598	532998
Frequency (MHz)				2521.02	2592.99	2664.99
50	DFT-s-OFDM QPSK	1	1	21.09	21.15	21.21
Channel				503202	518598	534000
Frequency (MHz)				2516.01	2592.99	2670
40	DFT-s-OFDM QPSK	1	1	20.94	20.95	20.87
Channel				502200	518598	534996
Frequency (MHz)				2511	2592.99	2674.98
30	DFT-s-OFDM QPSK	1	1	21.08	21.13	20.90
Channel				501204	518598	535998
Frequency (MHz)				2506.02	2592.99	2679.99
20	DFT-s-OFDM QPSK	1	1	21.23	21.40	21.10
Channel				500700	518598	536496



Frequency (MHz)				2503.5	2592.99	2682.48
15	DFT-s-OFDM QPSK	1	1	21.28	21.49	21.11
Channel				500202	518598	537000
Frequency (MHz)				2501.01	2592.99	2685
10	DFT-s-OFDM QPSK	1	1	21.34	21.54	21.15

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	21.99	21.96	21.93
40		1	108	22.50	22.53	22.47
40		1	214	21.92	21.95	21.95
40		108	1	21.93	21.99	21.94
40		108	54	22.55	22.53	22.46
40		108	108	21.88	21.78	21.84
40		216	0	21.84	21.89	21.80
40	DFT-s-OFDM QPSK	1	1	22.06	22.00	21.98
40		1	108	22.91	22.94	22.90
40		1	214	21.95	21.95	21.95
40		108	1	21.45	21.45	21.44
40		108	54	22.88	22.90	22.85
40		108	108	21.36	21.29	21.33
40		216	0	21.40	21.38	21.38
40	DFT-s-OFDM 16QAM	1	1	21.09	21.03	20.97
40	DFT-s-OFDM 64QAM	1	1	19.81	19.77	19.70
40	DFT-s-OFDM 256QAM	1	1	17.46	17.37	17.38
40	CP-OFDM QPSK	1	1	20.53	20.51	20.40
40	CP-OFDM 16QAM	1	1	19.93	19.91	19.82
40	CP-OFDM 64QAM	1	1	18.74	18.31	18.79
40	CP-OFDM 256QAM	1	1	15.38	15.34	15.27
Channel				345000	349000	353000
Frequency (MHz)				1725	1745	1765
30	DFT-s-OFDM QPSK	1	1	22.24	22.14	22.14
Channel				344500	349000	353500
Frequency (MHz)				1722.5	1745	1767.5



25	DFT-s-OFDM QPSK	1	1	22.40	22.31	22.29
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1770
20	DFT-s-OFDM QPSK	1	1	22.45	22.46	22.32
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	22.51	22.46	22.43
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	22.39	22.34	22.30
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	22.63	22.52	22.52

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	22.73	22.81	22.83
20		1	53	22.96	23.01	22.99
20		1	104	22.87	22.80	22.82
20		50	1	22.36	22.38	22.45
20		50	25	23.11	23.07	19.55
20		50	50	22.66	22.67	22.66
20		100	0	22.54	22.46	22.50
20	DFT-s-OFDM QPSK	1	1	23.04	23.15	23.08
20		1	53	22.96	23.08	22.96
20		1	104	22.86	22.88	22.81
20		50	1	21.87	21.88	21.92
20		50	25	23.05	23.10	23.08
20		50	50	22.09	22.10	22.00
20		100	0	22.22	21.93	21.99
20	DFT-s-OFDM 16QAM	1	1	21.74	21.79	21.88
20	DFT-s-OFDM 64QAM	1	1	20.42	20.66	20.71
20	DFT-s-OFDM 256QAM	1	1	18.37	18.80	18.84
20	CP-OFDM QPSK	1	1	21.16	21.31	21.30



20	CP-OFDM 16QAM	1	1	20.90	21.05	21.04
20	CP-OFDM 64QAM	1	1	19.50	19.93	19.99
20	CP-OFDM 256QAM	1	1	16.32	16.89	17.02
Channel				134100	136100	138100
Frequency (MHz)				670.5	680.5	690.5
15	DFT-s-OFDM QPSK	1	1	22.76	22.91	22.89
Channel				133600	136100	138600
Frequency (MHz)				668	680.5	693
10	DFT-s-OFDM QPSK	1	1	22.65	22.77	22.74
Channel				133100	136100	139100
Frequency (MHz)				665.5	680.5	695.5
5	DFT-s-OFDM QPSK	1	1	22.84	22.98	22.99

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		23.63	
100		1	136		24.07	
100		1	271		22.64	
100		135	1		23.52	
100		135	67		24.05	
100		135	136		22.90	
100		270	0		23.35	
100	DFT-s-OFDM QPSK	1	1		23.60	
100		1	136		24.46	
100		1	271		22.66	
100		135	1		23.05	
100		135	67		24.28	
100		135	136		22.34	
100		270	0		22.87	
100	DFT-s-OFDM 16QAM	1	1		22.70	
100	DFT-s-OFDM 64QAM	1	1		20.94	
100	DFT-s-OFDM 256QAM	1	1		19.05	
100	CP-OFDM QPSK	1	1		22.12	



100	CP-OFDM 16QAM	1	1		21.68	
100	CP-OFDM 64QAM	1	1		20.13	
100	CP-OFDM 256QAM	1	1		16.96	
Channel				633000	633334	633666
Frequency (MHz)				3495	3500.01	3504.99
90	DFT-s-OFDM QPSK	1	1	23.78	23.74	23.74
Channel				632668	633334	634000
Frequency (MHz)				3490.02	3500.01	3510
80	DFT-s-OFDM QPSK	1	1	23.97	23.94	23.84
Channel				632334	633334	634332
Frequency (MHz)				3485.01	3500.01	3514.98
70	DFT-s-OFDM QPSK	1	1	23.14	24.03	23.88
Channel				632000	633334	634666
Frequency (MHz)				3480	3500.01	3519.99
60	DFT-s-OFDM QPSK	1	1	23.98	23.86	23.75
Channel				631668	633334	635000
Frequency (MHz)				3475.02	3500.01	3525
50	DFT-s-OFDM QPSK	1	1	24.14	23.93	23.72
Channel				631334	633334	635332
Frequency (MHz)				3470.01	3500.01	3529.98
40	DFT-s-OFDM QPSK	1	1	23.93	23.71	23.26
Channel				631000	633334	635666
Frequency (MHz)				3465	3500.01	3534.99
30	DFT-s-OFDM QPSK	1	1	24.13	23.87	23.18
Channel				630834	633334	635832
Frequency (MHz)				3462.51	3500.01	3537.48
25	DFT-s-OFDM QPSK	1	1	24.21	24.00	23.24
Channel				630668	633334	636000
Frequency (MHz)				3460.02	3500.01	3540
20	DFT-s-OFDM QPSK	1	1	24.20	23.98	23.28
Channel				630500	633334	636166
Frequency (MHz)				3457.5	3500.01	3542.49
15	DFT-s-OFDM QPSK	1	1	24.27	24.06	23.32
Channel				630334	633334	636332
Frequency (MHz)				3455.01	3500.01	3544.98
10	DFT-s-OFDM QPSK	1	1	24.26	24.07	23.39



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	23.21	22.80	23.05
100		1	136	23.77	23.99	22.87
100		1	271	22.89	22.97	22.64
100		135	1	23.50	22.97	22.65
100		135	67	23.80	24.00	23.02
100		135	136	22.95	23.18	22.62
100		270	0	23.15	23.25	22.38
100	DFT-s-OFDM QPSK	1	1	23.22	22.80	23.06
100		1	136	23.94	24.12	24.10
100		1	271	22.86	22.96	22.64
100		135	1	23.01	22.43	22.13
100		135	67	23.99	24.02	23.93
100		135	136	22.42	22.66	22.11
100		270	0	22.72	22.81	21.96
100	DFT-s-OFDM 16QAM	1	1	22.20	21.75	22.08
100	DFT-s-OFDM 64QAM	1	1	20.48	20.20	20.36
100	DFT-s-OFDM 256QAM	1	1	18.67	18.23	18.53
100	CP-OFDM QPSK	1	1	21.89	21.37	21.65
100	CP-OFDM 16QAM	1	1	21.23	20.79	21.05
100	CP-OFDM 64QAM	1	1	19.76	19.31	19.59
100	CP-OFDM 256QAM	1	1	16.68	16.28	16.51
Channel				649666	656000	662332
Frequency (MHz)				3744.99	3840	3934.98
90	DFT-s-OFDM QPSK	1	1	23.35	22.95	23.04
Channel				649334	656000	662666
Frequency (MHz)				3740.01	3840	3939.99
80	DFT-s-OFDM QPSK	1	1	23.58	23.17	22.99
Channel				649000	656000	663000
Frequency (MHz)				3735	3840	3945
70	DFT-s-OFDM QPSK	1	1	23.71	23.30	22.88
Channel				648668	656000	663332
Frequency (MHz)				3730.02	3840	3949.98
60	DFT-s-OFDM QPSK	1	1	23.65	23.29	22.61



Channel				648334	656000	663666
Frequency (MHz)				3725.01	3840	3954.99
50	DFT-s-OFDM QPSK	1	1	23.79	23.45	22.67
Channel				648000	656000	664000
Frequency (MHz)				3720	3840	3960
40	DFT-s-OFDM QPSK	1	1	23.53	23.19	22.41
Channel				647668	656000	664332
Frequency (MHz)				3715.02	3840	3964.98
30	DFT-s-OFDM QPSK	1	1	23.77	23.50	22.74
Channel				647500	656000	664500
Frequency (MHz)				3712.5	3840	3967.5
25	DFT-s-OFDM QPSK	1	1	23.89	23.70	22.96
Channel				647334	656000	664666
Frequency (MHz)				3710.01	3840	3969.99
20	DFT-s-OFDM QPSK	1	1	24.00	23.75	23.11
Channel				647168	656000	664832
Frequency (MHz)				3707.52	3840	3972.48
15	DFT-s-OFDM QPSK	1	1	24.04	23.90	23.31
Channel				647000	656000	665000
Frequency (MHz)				3705	3840	3975
10	DFT-s-OFDM QPSK	1	1	24.07	23.94	23.35

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		20.47	
100		1	136		20.93	
100		1	271		20.53	
100		135	1		20.33	
100		135	67		20.90	
100		135	136		20.27	
100		270	0		20.16	
100		1	1		20.41	
100	DFT-s-OFDM QPSK	1	136		20.98	
100		1	271		20.52	
100		135	1		20.58	



100		135	67		20.91	
100		135	136		20.29	
100		270	0		20.57	
100	DFT-s-OFDM 16QAM	1	1		19.48	
100	DFT-s-OFDM 64QAM	1	1		17.95	
100	DFT-s-OFDM 256QAM	1	1		15.70	
100	CP-OFDM QPSK	1	1		18.91	
100	CP-OFDM 16QAM	1	1		18.38	
100	CP-OFDM 64QAM	1	1		16.87	
100	CP-OFDM 256QAM	1	1		14.10	
Channel				633000	633334	633666
Frequency (MHz)				3495	3500.01	3504.99
90	DFT-s-OFDM QPSK	1	1	20.59	20.54	20.50
Channel				632668	633334	634000
Frequency (MHz)				3490.02	3500.01	3510
80	DFT-s-OFDM QPSK	1	1	20.79	20.74	20.63
Channel				632334	633334	634332
Frequency (MHz)				3485.01	3500.01	3514.98
70	DFT-s-OFDM QPSK	1	1	20.87	20.82	20.63
Channel				632000	633334	634666
Frequency (MHz)				3480	3500.01	3519.99
60	DFT-s-OFDM QPSK	1	1	20.88	20.70	20.61
Channel				631668	633334	635000
Frequency (MHz)				3475.02	3500.01	3525
50	DFT-s-OFDM QPSK	1	1	21.02	20.81	20.63
Channel				631334	633334	635332
Frequency (MHz)				3470.01	3500.01	3529.98
40	DFT-s-OFDM QPSK	1	1	20.81	20.57	20.13
Channel				631000	633334	635666
Frequency (MHz)				3465	3500.01	3534.99
30	DFT-s-OFDM QPSK	1	1	20.85	20.74	20.08
Channel				630834	633334	635832
Frequency (MHz)				3462.51	3500.01	3537.48
25	DFT-s-OFDM QPSK	1	1	20.80	20.83	20.16
Channel				630668	633334	636000
Frequency (MHz)				3460.02	3500.01	3540
20	DFT-s-OFDM QPSK	1	1	20.79	20.95	20.19
Channel				630500	633334	636166



Frequency (MHz)					3457.5	3500.01	3542.49
15	DFT-s-OFDM QPSK	1	1		20.85	20.94	20.26
Channel					630334	633334	636332
Frequency (MHz)					3455.01	3500.01	3544.98
10	DFT-s-OFDM QPSK	1	1		20.92	20.79	20.35

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	20.30	19.95	20.09	
100		1	136	20.91	21.09	19.89	
100		1	271	20.01	19.99	20.14	
100		135	1	20.64	20.10	20.66	
100		135	67	20.85	20.96	20.03	
100		135	136	20.11	20.18	20.16	
100		270	0	20.26	20.37	19.46	
100	DFT-s-OFDM QPSK	1	1	20.25	19.91	20.08	
100		1	136	21.05	21.14	21.05	
100		1	271	19.99	19.95	19.65	
100		135	1	20.14	19.61	19.14	
100		135	67	20.98	21.09	21.01	
100		135	136	20.22	20.57	20.18	
100		270	0	19.81	19.94	19.85	
100	DFT-s-OFDM 16QAM	1	1	19.34	19.06	19.14	
100	DFT-s-OFDM 64QAM	1	1	17.80	17.41	17.62	
100	DFT-s-OFDM 256QAM	1	1	15.55	15.30	15.37	
100	CP-OFDM QPSK	1	1	18.77	18.37	18.56	
100	CP-OFDM 16QAM	1	1	18.20	18.07	18.03	
100	CP-OFDM 64QAM	1	1	16.72	16.43	16.55	
100	CP-OFDM 256QAM	1	1	13.94	13.62	13.34	
Channel				649666	656000	662332	
Frequency (MHz)				3744.99	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	20.44	20.11	20.03	
Channel				649334	656000	662666	
Frequency (MHz)				3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	20.62	20.34	19.99	



Channel				649000	656000	663000
Frequency (MHz)				3735	3840	3945
70	DFT-s-OFDM QPSK	1	1	20.71	20.44	19.80
Channel				648668	656000	663332
Frequency (MHz)				3730.02	3840	3949.98
60	DFT-s-OFDM QPSK	1	1	20.70	20.41	19.56
Channel				648334	656000	663666
Frequency (MHz)				3725.01	3840	3954.99
50	DFT-s-OFDM QPSK	1	1	20.89	20.61	19.64
Channel				648000	656000	664000
Frequency (MHz)				3720	3840	3960
40	DFT-s-OFDM QPSK	1	1	20.63	20.33	19.38
Channel				647668	656000	664332
Frequency (MHz)				3715.02	3840	3964.98
30	DFT-s-OFDM QPSK	1	1	20.86	20.62	19.71
Channel				647500	656000	664500
Frequency (MHz)				3712.5	3840	3967.5
25	DFT-s-OFDM QPSK	1	1	20.99	20.81	19.92
Channel				647334	656000	664666
Frequency (MHz)				3710.01	3840	3969.99
20	DFT-s-OFDM QPSK	1	1	21.08	20.89	20.09
Channel				647168	656000	664832
Frequency (MHz)				3707.52	3840	3972.48
15	DFT-s-OFDM QPSK	1	1	21.13	21.01	20.27
Channel				647000	656000	665000
Frequency (MHz)				3705	3840	3975
10	DFT-s-OFDM QPSK	1	1	21.14	21.08	20.35

Effective Radiated Power and Effective Isotropic Radiated Power:

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	1	1	20.54	0.113	20.65	0.116	20.49	0.112



20	PI/2 BPSK	1	53	20.46	0.111	20.43	0.110	20.38	0.109
20		1	104	20.40	0.110	20.18	0.104	20.39	0.109
20		50	1	19.98	0.100	19.85	0.097	19.92	0.098
20		50	25	20.48	0.112	20.40	0.110	20.39	0.109
20		50	50	19.87	0.097	19.89	0.097	19.89	0.097
20		10 0	0	19.96	0.099	19.91	0.098	19.93	0.098
20	DFT-s-OFDM QPSK	1	1	20.72	0.118	20.75	0.119	20.70	0.117
20		1	53	20.48	0.112	20.44	0.111	20.37	0.109
20		1	104	20.42	0.110	20.22	0.105	20.40	0.110
20		50	1	19.42	0.087	19.38	0.087	19.42	0.087
20		50	25	20.45	0.111	20.49	0.112	20.42	0.110
20		50	50	19.30	0.085	19.44	0.088	19.38	0.087
20		10 0	0	19.44	0.088	19.47	0.089	19.43	0.088
20	DFT-s-OFDM 16QAM	1	1	19.48	0.089	19.38	0.087	19.16	0.082
20	DFT-s-OFDM 64QAM	1	1	18.18	0.066	18.08	0.064	17.85	0.061
20	DFT-s-OFDM 256QAM	1	1	15.84	0.038	15.75	0.038	15.53	0.036
20	CP-OFDM QPSK	1	1	18.91	0.078	18.81	0.076	18.59	0.072
20	CP-OFDM 16QAM	1	1	18.33	0.068	18.21	0.066	17.98	0.063
20	CP-OFDM 64QAM	1	1	17.23	0.053	17.13	0.052	16.98	0.050
20	CP-OFDM 256QAM	1	1	13.65	0.023	13.61	0.023	13.38	0.022
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	20.54	0.113	20.38	0.109	20.31	0.107
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	20.41	0.110	20.24	0.106	20.20	0.105
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	20.61	0.115	20.49	0.112	20.58	0.114

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	17.21	0.053	17.25	0.053	17.23	0.053
20		1	53	17.34	0.054	17.31	0.054	17.28	0.053
20		1	104	17.13	0.052	17.06	0.051	17.06	0.051
20		50	1	16.77	0.048	16.88	0.049	16.83	0.048
20		50	25	17.44	0.055	17.39	0.055	17.50	0.056
20		50	50	16.81	0.048	16.74	0.047	14.29	0.027
20		10 0	0	16.74	0.047	16.76	0.047	16.91	0.049
20	DFT-s-OFDM QPSK	1	1	17.55	0.057	17.59	0.057	17.57	0.057
20		1	53	17.35	0.054	17.33	0.054	17.32	0.054
20		1	104	17.14	0.052	17.13	0.052	17.10	0.051
20		50	1	16.26	0.042	16.33	0.043	16.37	0.043
20		50	25	17.35	0.054	17.36	0.054	17.33	0.054
20		50	50	16.24	0.042	16.21	0.042	16.28	0.042
20		10 0	0	16.32	0.043	16.36	0.043	16.31	0.043
20	DFT-s-OFDM 16QAM	1	1	16.14	0.041	16.29	0.043	16.26	0.042
20	DFT-s-OFDM 64QAM	1	1	14.87	0.031	14.93	0.031	14.85	0.031
20	DFT-s-OFDM 256QAM	1	1	13.05	0.020	12.67	0.018	12.93	0.020
20	CP-OFDM QPSK	1	1	15.83	0.038	15.70	0.037	15.84	0.038
20	CP-OFDM 16QAM	1	1	15.37	0.034	15.47	0.035	15.59	0.036



20	CP-OFDM 64QAM	1	1	13.77	0.024	13.81	0.024	14.17	0.026
20	CP-OFDM 256QAM	1	1	11.18	0.013	11.24	0.013	11.31	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	17.27	0.053	17.28	0.053	17.21	0.053
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	17.10	0.051	17.19	0.052	17.08	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	17.28	0.053	17.31	0.054	17.29	0.054

n25									
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				372000	372000	376500	376500	381000	381000
Frequency (MHz)				1860.00	1860.00	1882.50	1882.50	1905.00	1905.00
20	DFT-s-OFDM PI/2 BPSK	1	1	20.13	0.103	20.08	0.102	20.04	0.101
20		1	53	20.30	0.107	20.20	0.105	20.34	0.108
20		1	104	20.10	0.102	19.97	0.099	20.23	0.105
20		50	1	19.70	0.093	19.64	0.092	19.90	0.098
20		50	25	20.34	0.108	20.18	0.104	20.31	0.107
20		50	50	19.71	0.094	19.61	0.091	19.78	0.095
20		10 0	0	19.77	0.095	19.61	0.091	19.84	0.096
20	DFT-s-OFDM QPSK	1	1	20.20	0.105	20.11	0.103	20.07	0.102
20		1	53	20.33	0.108	20.38	0.109	20.35	0.108
20		1	104	20.15	0.104	19.98	0.100	20.32	0.108
20		50	1	19.22	0.084	19.14	0.082	19.30	0.085
20		50	25	20.30	0.107	20.34	0.108	20.29	0.107



20		50	50	19.18	0.083	19.16	0.082	19.33	0.086
20		100	0	19.28	0.085	19.12	0.082	19.37	0.086
20	DFT-s-OFDM 16QAM	1	1	19.26	0.084	19.07	0.081	19.11	0.081
20	DFT-s-OFDM 64QAM	1	1	17.93	0.062	17.86	0.061	17.83	0.061
20	DFT-s-OFDM 256QAM	1	1	15.62	0.036	15.50	0.035	15.44	0.035
20	CP-OFDM QPSK	1	1	18.69	0.074	18.56	0.072	18.47	0.070
20	CP-OFDM 16QAM	1	1	18.07	0.064	18.03	0.064	17.94	0.062
20	CP-OFDM 64QAM	1	1	17.00	0.050	16.95	0.050	16.88	0.049
20	CP-OFDM 256QAM	1	1	13.47	0.022	13.42	0.022	13.33	0.022
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	20.25	0.106	20.08	0.102	20.11	0.103
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	20.10	0.102	19.97	0.099	20.06	0.101
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	20.32	0.108	20.15	0.104	20.36	0.109

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



10 0	DFT-s-OFDM PI/2 BPSK	1	1	22.30	0.170	22.27	0.169	22.60	0.182
10 0		1	136	23.12	0.205	23.37	0.217	23.37	0.217
10 0		1	271	22.53	0.179	22.52	0.179	22.14	0.164
10 0		13 5	1	22.61	0.182	22.54	0.179	22.71	0.187
10 0		13 5	67	23.23	0.210	23.37	0.217	23.33	0.215
10 0		13 5	136	22.62	0.183	22.70	0.186	22.42	0.175
10 0		27 0	0	22.70	0.186	22.70	0.186	18.28	0.067
10 0	DFT-s-OFDM QPSK	1	1	22.31	0.170	22.30	0.170	22.56	0.180
10 0		1	136	23.39	0.218	23.43	0.220	23.36	0.217
10 0		1	271	22.53	0.179	22.55	0.180	22.16	0.164
10 0		13 5	1	22.14	0.164	22.07	0.161	22.23	0.167
10 0		13 5	67	23.29	0.213	23.38	0.218	23.37	0.217
10 0		13 5	136	22.11	0.163	22.23	0.167	21.93	0.156
10 0		27 0	0	22.15	0.164	22.23	0.167	22.24	0.167
10 0	DFT-s-OFDM 16QAM	1	1	21.42	0.139	21.35	0.136	21.66	0.147
10 0	DFT-s-OFDM 64QAM	1	1	19.92	0.098	19.85	0.097	20.16	0.104
10 0	DFT-s-OFDM 256QAM	1	1	18.11	0.065	18.08	0.064	18.34	0.068
10 0	CP-OFDM QPSK	1	1	20.82	0.121	20.79	0.120	21.07	0.128
10 0	CP-OFDM 16QAM	1	1	20.30	0.107	20.28	0.107	20.52	0.113



100	CP-OFDM 64QAM	1	1	18.80	0.076	18.78	0.076	19.05	0.080
100	CP-OFDM 256QAM	1	1	16.13	0.041	16.07	0.040	16.39	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	22.41	0.174	22.37	0.173	22.66	0.185
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	22.67	0.185	22.64	0.184	22.85	0.193
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	22.76	0.189	22.79	0.190	22.99	0.199
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	22.79	0.190	22.78	0.190	22.92	0.196
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	22.88	0.194	22.96	0.198	23.04	0.201
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	22.68	0.185	22.74	0.188	22.68	0.185
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	22.87	0.194	22.93	0.196	22.68	0.185
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	23.06	0.202	23.21	0.209	22.92	0.196
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	23.15	0.207	23.33	0.215	22.99	0.199
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	23.15	0.207	23.38	0.218	22.98	0.199

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	19.28	0.085	19.24	0.084	19.51	0.089
10 0		1	136	20.11	0.103	20.37	0.109	20.33	0.108
10 0		1	271	19.62	0.092	19.46	0.088	19.23	0.084
10 0		13 5	1	19.58	0.091	19.45	0.088	19.65	0.092
10 0		13 5	67	20.17	0.104	20.34	0.108	20.34	0.108
10 0		13 5	136	19.75	0.094	19.65	0.092	19.50	0.089
10 0		27 0	0	19.59	0.091	19.63	0.092	19.64	0.092
10 0	DFT-s-OFDM QPSK	1	1	19.27	0.085	19.24	0.084	19.50	0.089
10 0		1	136	20.30	0.107	20.41	0.110	20.37	0.109
10 0		1	271	19.53	0.090	19.47	0.089	19.10	0.081
10 0		13 5	1	19.36	0.086	19.24	0.084	19.41	0.087
10		13	67	20.28	0.107	20.35	0.108	20.31	0.107



0		5							
10		13	136	19.32	0.086	19.41	0.087	19.08	0.081
0		5							
10		27	0	19.33	0.086	19.39	0.087	19.41	0.087
0		0							
10	DFT-s-OFDM	1	1	18.77	0.075	18.75	0.075	19.05	0.080
0	16QAM								
10	DFT-s-OFDM	1	1	17.26	0.053	17.20	0.052	17.47	0.056
0	64QAM								
10	DFT-s-OFDM	1	1	15.00	0.032	15.00	0.032	15.25	0.033
0	256QAM								
10	CP-OFDM	1	1	18.15	0.065	18.15	0.065	18.42	0.070
0	QPSK								
10	CP-OFDM	1	1	17.57	0.057	17.59	0.057	17.86	0.061
0	16QAM								
10	CP-OFDM	1	1	16.14	0.041	16.13	0.041	16.39	0.044
0	64QAM								
10	CP-OFDM	1	1	12.93	0.020	12.95	0.020	13.17	0.021
0	256QAM								
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	1	1	19.40	0.087	19.34	0.086	19.58	0.091
	QPSK								
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	1	1	19.60	0.091	19.57	0.091	19.77	0.095
	QPSK								
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	19.69	0.093	19.75	0.094	19.90	0.098
	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	1	1	19.74	0.094	19.76	0.095	19.92	0.098
	QPSK								
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	1	1	19.89	0.097	19.95	0.099	20.01	0.100



	QPSK								
	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	19.74	0.094	19.75	0.094	19.67	0.093
	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	19.88	0.097	19.93	0.098	19.70	0.093
	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	20.03	0.101	20.20	0.105	19.90	0.098
	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	20.08	0.102	20.29	0.107	19.91	0.098
	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	20.14	0.103	20.34	0.108	19.95	0.099

n66									
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			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	20.29	0.107	20.26	0.106	20.23	0.105
40		1	108	20.80	0.120	20.83	0.121	20.77	0.119
40		1	214	20.22	0.105	20.25	0.106	20.25	0.106
40		10 8	1	20.23	0.105	20.29	0.107	20.24	0.106
40		10	54	20.85	0.122	20.83	0.121	20.76	0.119

		8							
40		108	108	20.18	0.104	20.08	0.102	20.14	0.103
40		216	0	20.14	0.103	20.19	0.104	20.10	0.102
40	DFT-s-OFDM QPSK	1	1	20.36	0.109	20.30	0.107	20.28	0.107
40		1	108	21.21	0.132	21.24	0.133	21.20	0.132
40		1	214	20.25	0.106	20.25	0.106	20.25	0.106
40		108	1	19.75	0.094	19.75	0.094	19.74	0.094
40		108	54	21.18	0.131	21.20	0.132	21.15	0.130
40		108	108	19.66	0.092	19.59	0.091	19.63	0.092
40		216	0	19.70	0.093	19.68	0.093	19.68	0.093
40	DFT-s-OFDM 16QAM	1	1	19.39	0.087	19.33	0.086	19.27	0.085
40	DFT-s-OFDM 64QAM	1	1	18.11	0.065	18.07	0.064	18.00	0.063
40	DFT-s-OFDM 256QAM	1	1	15.76	0.038	15.67	0.037	15.68	0.037
40	CP-OFDM QPSK	1	1	18.83	0.076	18.81	0.076	18.70	0.074
40	CP-OFDM 16QAM	1	1	18.23	0.067	18.21	0.066	18.12	0.065
40	CP-OFDM 64QAM	1	1	17.04	0.051	16.61	0.046	17.09	0.051
40	CP-OFDM 256QAM	1	1	13.68	0.023	13.64	0.023	13.57	0.023
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	20.54	0.113	20.44	0.111	20.44	0.111
Channel				344500	344500	349000	349000	353500	353500
Frequency (MHz)				1722.50	1722.50	1745.00	1745.00	1767.50	1767.50
25	DFT-s-OFDM QPSK	1	1	20.70	0.117	20.61	0.115	20.59	0.115



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	20.75	0.119	20.76	0.119	20.62	0.115
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	20.81	0.121	20.76	0.119	20.73	0.118
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	20.69	0.117	20.64	0.116	20.60	0.115
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	20.93	0.124	20.82	0.121	20.82	0.121

n71									
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				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	14.38	0.027	14.46	0.028	14.48	0.028
20		1	53	14.61	0.029	14.66	0.029	14.64	0.029
20		1	104	14.52	0.028	14.45	0.028	14.47	0.028
20		50	1	14.01	0.025	14.03	0.025	14.10	0.026
20		50	25	14.76	0.030	14.72	0.030	11.20	0.013
20		50	50	14.31	0.027	14.32	0.027	14.31	0.027
20		100	0	14.19	0.026	14.11	0.026	14.15	0.026
20	DFT-s-OFDM QPSK	1	1	14.69	0.029	14.80	0.030	14.73	0.030
20		1	53	14.61	0.029	14.73	0.030	14.61	0.029
20		1	104	14.51	0.028	14.53	0.028	14.46	0.028
20		50	1	13.52	0.022	13.53	0.023	13.57	0.023
20		50	25	14.70	0.030	14.75	0.030	14.73	0.030



20		50	50	13.74	0.024	13.75	0.024	13.65	0.023
20		100	0	13.87	0.024	13.58	0.023	13.64	0.023
20	DFT-s-OFDM 16QAM	1	1	13.39	0.022	13.44	0.022	13.53	0.023
20	DFT-s-OFDM 64QAM	1	1	12.07	0.016	12.31	0.017	12.36	0.017
20	DFT-s-OFDM 256QAM	1	1	10.02	0.010	10.45	0.011	10.49	0.011
20	CP-OFDM QPSK	1	1	12.81	0.019	12.96	0.020	12.95	0.020
20	CP-OFDM 16QAM	1	1	12.55	0.018	12.70	0.019	12.69	0.019
20	CP-OFDM 64QAM	1	1	11.15	0.013	11.58	0.014	11.64	0.015
20	CP-OFDM 256QAM	1	1	7.97	0.006	8.54	0.007	8.67	0.007
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	14.41	0.028	14.56	0.029	14.54	0.028
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	14.30	0.027	14.42	0.028	14.39	0.027
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	14.49	0.028	14.63	0.029	14.64	0.029

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	/	/
10	DFT-s-OFDM PI/2 BPSK	1	1	/	/	23.13	0.206	/	/
0		1	136	/	/	23.57	0.228	/	/
10		1	271	/	/	22.14	0.164	/	/
0		13	1	/	/	23.02	0.200	/	/
10		13	67	/	/	23.55	0.226	/	/
0		13	136	/	/	22.40	0.174	/	/
10		27	0	/	/	22.85	0.193	/	/
0	DFT-s-OFDM QPSK	1	1	/	/	23.10	0.204	/	/
10		1	136	/	/	23.96	0.249	/	/
0		1	271	/	/	22.16	0.164	/	/
10		13	1	/	/	22.55	0.180	/	/
0		13	67	/	/	23.78	0.239	/	/
10		13	136	/	/	21.84	0.153	/	/
0		27	0	/	/	22.37	0.173	/	/
10	DFT-s-OFDM 16QAM	1	1	/	/	22.20	0.166	/	/
0	DFT-s-OFDM 64QAM	1	1	/	/	20.44	0.111	/	/
10	DFT-s-OFDM 256QAM	1	1	/	/	18.55	0.072	/	/
0	CP-OFDM QPSK	1	1	/	/	21.62	0.145	/	/
10	CP-OFDM	1	1	/	/	21.18	0.131	/	/



0	16QAM								
100	CP-OFDM 64QAM	1	1	/	/	19.63	0.092	/	/
100	CP-OFDM 256QAM	1	1	/	/	16.46	0.044	/	/
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	23.28	0.213	23.24	0.211	23.24	0.211
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	23.47	0.222	23.44	0.221	23.34	0.216
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 QPSK	1	1	22.64	0.184	23.53	0.225	23.38	0.218
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	23.48	0.223	23.36	0.217	23.25	0.211
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	23.64	0.231	23.43	0.220	23.22	0.210
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	23.43	0.220	23.21	0.209	22.76	0.189
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	23.63	0.231	23.37	0.217	22.68	0.185
Channel				630834	630834	633334	633334	635832	635832
Frequency (MHz)				3462.51	3462.51	3500.01	3500.01	3537.48	3537.48
25	DFT-s-OFDM QPSK	1	1	23.71	0.235	23.50	0.224	22.74	0.188
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	23.70	0.234	23.48	0.223	22.78	0.190
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	23.77	0.238	23.56	0.227	22.82	0.191
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	23.76	0.238	23.57	0.228	22.89	0.195

n77(3700-3980MHz) (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				650000	650000	656000	656000	662000	662000
Frequency (MHz)				3750.00	3750.00	3840.00	3840.00	3930.00	3930.00
10 0	DFT-s-OFDM PI/2 BPSK	1	1	22.71	0.187	22.30	0.170	22.55	0.180
10 0		1	136	23.27	0.212	23.49	0.223	22.37	0.173
10 0		1	271	22.39	0.173	22.47	0.177	22.14	0.164
10 0		13 5	1	23.00	0.200	22.47	0.177	22.15	0.164
10 0		13 5	67	23.30	0.214	23.50	0.224	22.52	0.179
10 0		13 5	136	22.45	0.176	22.68	0.185	22.12	0.163
10 0		27 0	0	22.65	0.184	22.75	0.188	21.88	0.154
10 0	DFT-s-OFDM QPSK	1	1	22.72	0.187	22.30	0.170	22.56	0.180
10 0		1	136	23.44	0.221	23.62	0.230	23.60	0.229



100		1	271	22.36	0.172	22.46	0.176	22.14	0.164
100		135	1	22.51	0.178	21.93	0.156	21.63	0.146
100		135	67	23.49	0.223	23.52	0.225	23.43	0.220
100		135	136	21.92	0.156	22.16	0.164	21.61	0.145
100		270	0	22.22	0.167	22.31	0.170	21.46	0.140
100	DFT-s-OFDM 16QAM	1	1	21.70	0.148	21.25	0.133	21.58	0.144
100	DFT-s-OFDM 64QAM	1	1	19.98	0.100	19.70	0.093	19.86	0.097
100	DFT-s-OFDM 256QAM	1	1	18.17	0.066	17.73	0.059	18.03	0.064
100	CP-OFDM QPSK	1	1	21.39	0.138	20.87	0.122	21.15	0.130
100	CP-OFDM 16QAM	1	1	20.73	0.118	20.29	0.107	20.55	0.114
100	CP-OFDM 64QAM	1	1	19.26	0.084	18.81	0.076	19.09	0.081
100	CP-OFDM 256QAM	1	1	16.18	0.041	15.78	0.038	16.01	0.040
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	22.85	0.193	22.45	0.176	22.54	0.179
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	23.08	0.203	22.67	0.185	22.49	0.177
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	23.21	0.209	22.80	0.191	22.38	0.173
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	23.15	0.207	22.79	0.190	22.11	0.163
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	23.29	0.213	22.95	0.197	22.17	0.165
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	23.03	0.201	22.69	0.186	21.91	0.155
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	23.27	0.212	23.00	0.200	22.24	0.167
Channel				647500	647500	656000	656000	664500	664500
Frequency (MHz)				3712.50	3712.50	3840.00	3840.00	3967.50	3967.50
25	DFT-s-OFDM QPSK	1	1	23.39	0.218	23.20	0.209	22.46	0.176
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	23.50	0.224	23.25	0.211	22.61	0.182
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	23.54	0.226	23.40	0.219	22.81	0.191
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	23.57	0.228	23.44	0.221	22.85	0.193

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	DFT-s-OFDM PI/2 BPSK	1	1	/	/	19.97	0.099	/	/
0		1	136	/	/	20.43	0.110	/	/
10		1	271	/	/	20.03	0.101	/	/
0		13	1	/	/	19.83	0.096	/	/
10		13	67	/	/	20.40	0.110	/	/
0		13	136	/	/	19.77	0.095	/	/
10		27	0	/	/	19.66	0.092	/	/
0	DFT-s-OFDM QPSK	1	1	/	/	19.91	0.098	/	/
10		1	136	/	/	20.48	0.112	/	/
0		1	271	/	/	20.02	0.100	/	/
10		13	1	/	/	20.08	0.102	/	/
0		13	67	/	/	20.41	0.110	/	/
10		13	136	/	/	19.79	0.095	/	/
0		27	0	/	/	20.07	0.102	/	/
10	DFT-s-OFDM 16QAM	1	1	/	/	18.98	0.079	/	/
0	DFT-s-OFDM 64QAM	1	1	/	/	17.45	0.056	/	/
10	DFT-s-OFDM 256QAM	1	1	/	/	15.20	0.033	/	/
0	CP-OFDM QPSK	1	1	/	/	18.41	0.069	/	/
10	CP-OFDM	1	1	/	/	17.88	0.061	/	/



0	16QAM								
10	CP-OFDM	1	1	/	/	16.37	0.043	/	/
0	64QAM								
10	CP-OFDM	1	1	/	/	13.60	0.023	/	/
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	20.09	0.102	20.04	0.101	20.00	0.100
	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	20.29	0.107	20.24	0.106	20.13	0.103
	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	20.37	0.109	20.32	0.108	20.13	0.103
	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	1	1	20.38	0.109	20.20	0.105	20.11	0.103
	QPSK								
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	1	1	20.52	0.113	20.31	0.107	20.13	0.103
	QPSK								
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	1	1	20.31	0.107	20.07	0.102	19.63	0.092
	QPSK								
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	1	1	20.35	0.108	20.24	0.106	19.58	0.091
	QPSK								
Channel				630834	630834	633334	633334	635832	635832
Frequency (MHz)				3462.51	3462.51	3500.01	3500.01	3537.48	3537.48
25	DFT-s-OFDM	1	1	20.30	0.107	20.33	0.108	19.66	0.092
	QPSK								
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	20.29	0.107	20.45	0.111	19.69	0.093
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	20.35	0.108	20.44	0.111	19.76	0.095
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	20.42	0.110	20.29	0.107	19.85	0.097

n77(3700-3980MHz) (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				650000	650000	656000	656000	662000	662000
Frequency (MHz)				3750.00	3750.00	3840.00	3840.00	3930.00	3930.00
10 0	DFT-s-OFDM PI/2 BPSK	1	1	19.80	0.095	19.45	0.088	19.59	0.091
10 0		1	136	20.41	0.110	20.59	0.115	19.39	0.087
10 0		1	271	19.51	0.089	19.49	0.089	19.64	0.092
10 0		13 5	1	20.14	0.103	19.60	0.091	20.16	0.104
10 0		13 5	67	20.35	0.108	20.46	0.111	19.53	0.090
10 0		13 5	136	19.61	0.091	19.68	0.093	19.66	0.092
10 0		27 0	0	19.76	0.095	19.87	0.097	18.96	0.079
10 0	DFT-s-OFDM QPSK	1	1	19.75	0.094	19.41	0.087	19.58	0.091
10 0		1	136	20.55	0.114	20.64	0.116	20.55	0.114



10		1	271	19.49	0.089	19.45	0.088	19.15	0.082
0		13	1	19.64	0.092	19.11	0.081	18.64	0.073
0		5	67	20.48	0.112	20.59	0.115	20.51	0.112
0		13	136	19.72	0.094	20.07	0.102	19.68	0.093
0		5	0	19.31	0.085	19.44	0.088	19.35	0.086
10	DFT-s-OFDM	1	1	18.84	0.077	18.56	0.072	18.64	0.073
0	16QAM								
10	DFT-s-OFDM	1	1	17.30	0.054	16.91	0.049	17.12	0.052
0	64QAM								
10	DFT-s-OFDM	1	1	15.05	0.032	14.80	0.030	14.87	0.031
0	256QAM								
10	CP-OFDM	1	1	18.27	0.067	17.87	0.061	18.06	0.064
0	QPSK								
10	CP-OFDM	1	1	17.70	0.059	17.57	0.057	17.53	0.057
0	16QAM								
10	CP-OFDM	1	1	16.22	0.042	15.93	0.039	16.05	0.040
0	64QAM								
10	CP-OFDM	1	1	13.44	0.022	13.12	0.021	12.84	0.019
0	256QAM								
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	1	1	19.94	0.099	19.61	0.091	19.53	0.090
	QPSK								
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	1	1	20.12	0.103	19.84	0.096	19.49	0.089
	QPSK								
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	1	1	20.21	0.105	19.94	0.099	19.30	0.085
	QPSK								
Channel				648668	648668	656000	656000	663332	663332
Frequency (MHz)				3730.02	3730.02	3840.00	3840.00	3949.98	3949.98

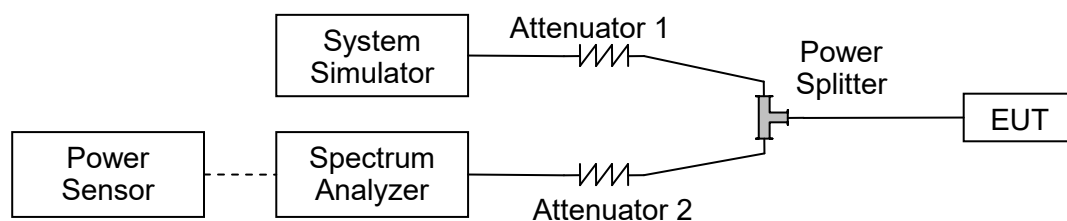
60	DFT-s-OFDM QPSK	1	1	20.20	0.105	19.91	0.098	19.06	0.081
Channel				648334	648334	656000	656000	663666	663666
Frequency (MHz)				3725.01	3725.01	3840.00	3840.00	3954.99	3954.99
50	DFT-s-OFDM QPSK	1	1	20.39	0.109	20.11	0.103	19.14	0.082
Channel				648000	648000	656000	656000	664000	664000
Frequency (MHz)				3720.00	3720.00	3840.00	3840.00	3960.00	3960.00
40	DFT-s-OFDM QPSK	1	1	20.13	0.103	19.83	0.096	18.88	0.077
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	20.36	0.109	20.12	0.103	19.21	0.083
Channel				647500	647500	656000	656000	664500	664500
Frequency (MHz)				3712.50	3712.50	3840.00	3840.00	3967.50	3967.50
25	DFT-s-OFDM QPSK	1	1	20.49	0.112	20.31	0.107	19.42	0.087
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	20.58	0.114	20.39	0.109	19.59	0.091
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	20.63	0.116	20.51	0.112	19.77	0.095
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	20.64	0.116	20.58	0.114	19.85	0.097

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	4.4713	4.861	PASS
n2	15	5	370500	DFT-s-OFDM QPSK	25/0	4.5087	4.911	PASS
n2	15	5	370500	DFT-s-OFDM 16QAM	25/0	4.4772	4.951	PASS
n2	15	5	370500	DFT-s-OFDM 64QAM	25/0	4.4926	4.905	PASS
n2	15	5	370500	DFT-s-OFDM 256QAM	25/0	4.4687	7.000	PASS
n2	15	5	370500	CP-OFDM QPSK	25/0	4.4743	4.952	PASS
n2	15	5	376000	DFT-s-OFDM PI/2 BPSK	25/0	4.4681	4.905	PASS
n2	15	5	376000	DFT-s-OFDM QPSK	25/0	4.4989	4.954	PASS
n2	15	5	376000	DFT-s-OFDM 16QAM	25/0	4.4749	5.084	PASS
n2	15	5	376000	DFT-s-OFDM 64QAM	25/0	4.4925	4.868	PASS
n2	15	5	376000	DFT-s-OFDM 256QAM	25/0	4.4669	4.839	PASS
n2	15	5	376000	CP-OFDM QPSK	25/0	4.4743	4.998	PASS
n2	15	5	381500	DFT-s-OFDM PI/2 BPSK	25/0	4.4774	4.888	PASS
n2	15	5	381500	DFT-s-OFDM QPSK	25/0	4.4909	4.855	PASS
n2	15	5	381500	DFT-s-OFDM 16QAM	25/0	4.4771	4.989	PASS
n2	15	5	381500	DFT-s-OFDM 64QAM	25/0	4.4851	4.874	PASS
n2	15	5	381500	DFT-s-OFDM 256QAM	25/0	4.4583	4.852	PASS
n2	15	5	381500	CP-OFDM QPSK	25/0	4.4801	4.927	PASS



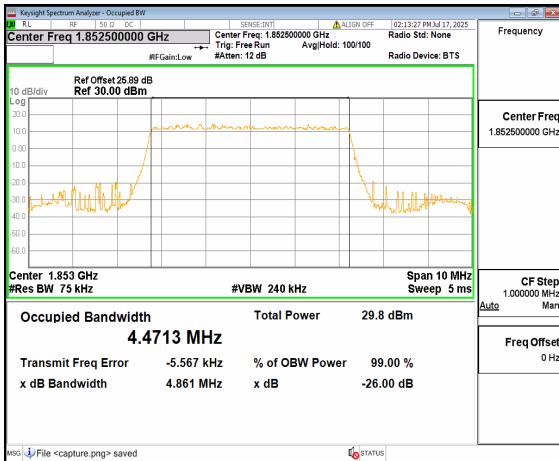
n2	15	10	371000	DFT-s-OFDM PI/2 BPSK	50/0	8.9242	9.557	PASS
n2	15	10	371000	DFT-s-OFDM QPSK	50/0	8.9282	9.842	PASS
n2	15	10	371000	DFT-s-OFDM 16QAM	50/0	8.9227	9.687	PASS
n2	15	10	371000	DFT-s-OFDM 64QAM	50/0	8.9483	9.692	PASS
n2	15	10	371000	DFT-s-OFDM 256QAM	50/0	8.9337	9.667	PASS
n2	15	10	371000	CP-OFDM QPSK	52/0	9.2937	9.944	PASS
n2	15	10	376000	DFT-s-OFDM PI/2 BPSK	50/0	8.9425	9.610	PASS
n2	15	10	376000	DFT-s-OFDM QPSK	50/0	8.9392	10.092	PASS
n2	15	10	376000	DFT-s-OFDM 16QAM	50/0	8.9439	9.756	PASS
n2	15	10	376000	DFT-s-OFDM 64QAM	50/0	8.9530	9.721	PASS
n2	15	10	376000	DFT-s-OFDM 256QAM	50/0	8.9373	9.621	PASS
n2	15	10	376000	CP-OFDM QPSK	52/0	9.2916	9.911	PASS
n2	15	10	381000	DFT-s-OFDM PI/2 BPSK	50/0	8.9482	9.612	PASS
n2	15	10	381000	DFT-s-OFDM QPSK	50/0	8.9483	9.684	PASS
n2	15	10	381000	DFT-s-OFDM 16QAM	50/0	8.9426	9.770	PASS
n2	15	10	381000	DFT-s-OFDM 64QAM	50/0	8.9705	9.822	PASS
n2	15	10	381000	DFT-s-OFDM 256QAM	50/0	8.9380	9.537	PASS
n2	15	10	381000	CP-OFDM QPSK	52/0	9.3010	10.079	PASS
n2	15	15	371500	DFT-s-OFDM PI/2 BPSK	75/0	13.424	14.259	PASS



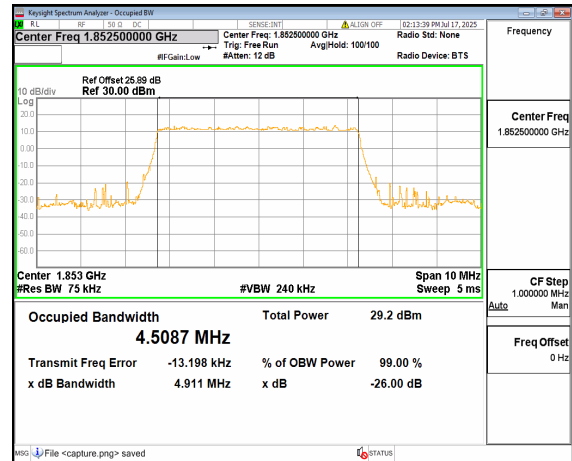
n2	15	15	371500	DFT-s-OFDM QPSK	75/0	13.411	14.232	PASS
n2	15	15	371500	DFT-s-OFDM 16QAM	75/0	13.394	14.243	PASS
n2	15	15	371500	DFT-s-OFDM 64QAM	75/0	13.422	14.255	PASS
n2	15	15	371500	DFT-s-OFDM 256QAM	75/0	13.403	14.271	PASS
n2	15	15	371500	CP-OFDM QPSK	79/0	14.085	14.907	PASS
n2	15	15	376000	DFT-s-OFDM PI/2 BPSK	75/0	13.450	14.247	PASS
n2	15	15	376000	DFT-s-OFDM QPSK	75/0	13.453	14.316	PASS
n2	15	15	376000	DFT-s-OFDM 16QAM	75/0	13.415	14.290	PASS
n2	15	15	376000	DFT-s-OFDM 64QAM	75/0	13.442	14.212	PASS
n2	15	15	376000	DFT-s-OFDM 256QAM	75/0	13.427	14.362	PASS
n2	15	15	376000	CP-OFDM QPSK	79/0	14.093	14.944	PASS
n2	15	15	380500	DFT-s-OFDM PI/2 BPSK	75/0	13.450	14.324	PASS
n2	15	15	380500	DFT-s-OFDM QPSK	75/0	13.452	14.257	PASS
n2	15	15	380500	DFT-s-OFDM 16QAM	75/0	13.425	14.182	PASS
n2	15	15	380500	DFT-s-OFDM 64QAM	75/0	13.447	14.287	PASS
n2	15	15	380500	DFT-s-OFDM 256QAM	75/0	13.435	14.309	PASS
n2	15	15	380500	CP-OFDM QPSK	79/0	14.118	14.951	PASS
n2	15	20	372000	DFT-s-OFDM PI/2 BPSK	100/0	17.873	19.015	PASS
n2	15	20	372000	DFT-s-OFDM QPSK	100/0	17.851	19.165	PASS



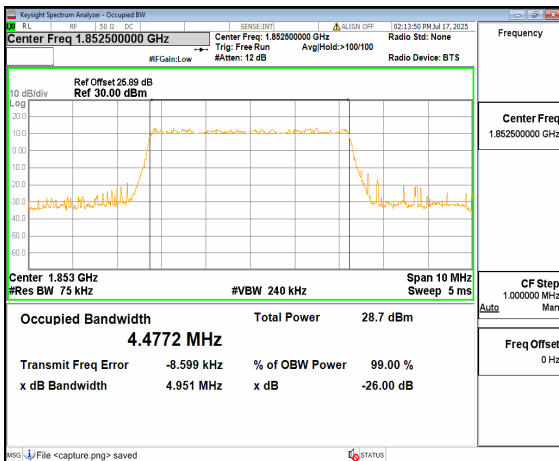
n2	15	20	372000	DFT-s-OFDM 16QAM	100/0	17.880	19.148	PASS
n2	15	20	372000	DFT-s-OFDM 64QAM	100/0	17.834	19.108	PASS
n2	15	20	372000	DFT-s-OFDM 256QAM	100/0	17.879	19.099	PASS
n2	15	20	372000	CP-OFDM QPSK	106/0	18.965	20.251	PASS
n2	15	20	376000	DFT-s-OFDM PI/2 BPSK	100/0	17.907	19.054	PASS
n2	15	20	376000	DFT-s-OFDM QPSK	100/0	17.917	19.157	PASS
n2	15	20	376000	DFT-s-OFDM 16QAM	100/0	17.918	19.338	PASS
n2	15	20	376000	DFT-s-OFDM 64QAM	100/0	17.865	19.154	PASS
n2	15	20	376000	DFT-s-OFDM 256QAM	100/0	17.906	19.152	PASS
n2	15	20	376000	CP-OFDM QPSK	106/0	18.976	20.248	PASS
n2	15	20	380000	DFT-s-OFDM PI/2 BPSK	100/0	17.897	19.096	PASS
n2	15	20	380000	DFT-s-OFDM QPSK	100/0	17.903	19.125	PASS
n2	15	20	380000	DFT-s-OFDM 16QAM	100/0	17.911	19.196	PASS
n2	15	20	380000	DFT-s-OFDM 64QAM	100/0	17.872	19.138	PASS
n2	15	20	380000	DFT-s-OFDM 256QAM	100/0	17.921	19.267	PASS
n2	15	20	380000	CP-OFDM QPSK	106/0	19.001	20.231	PASS



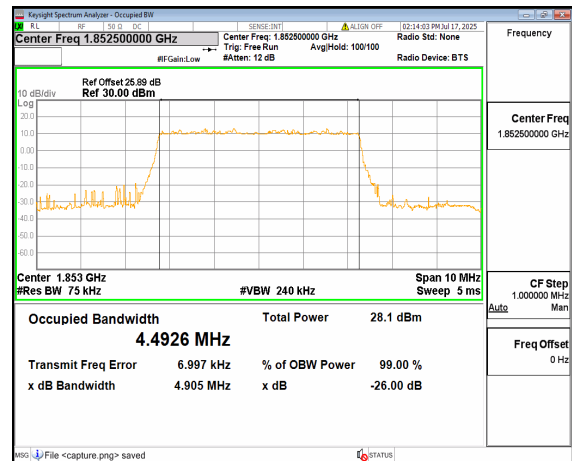
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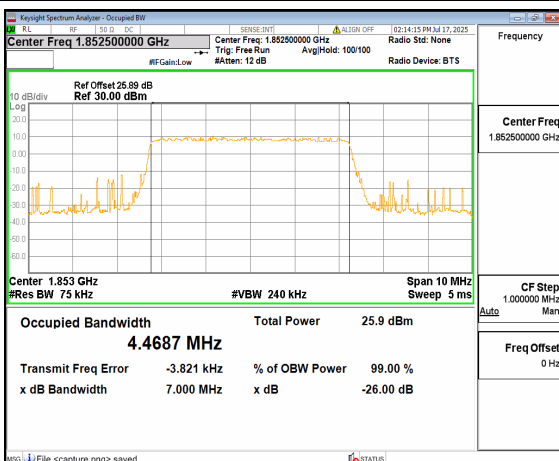
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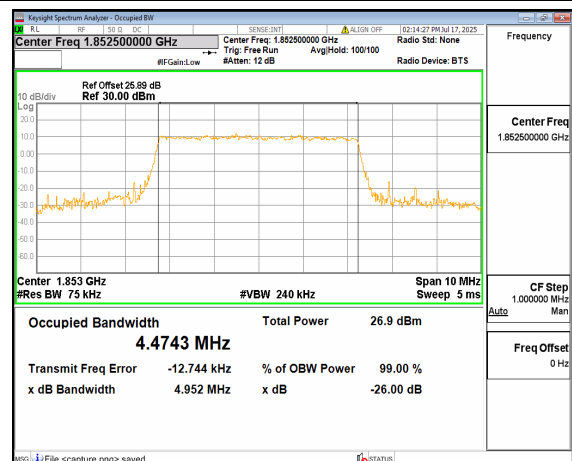
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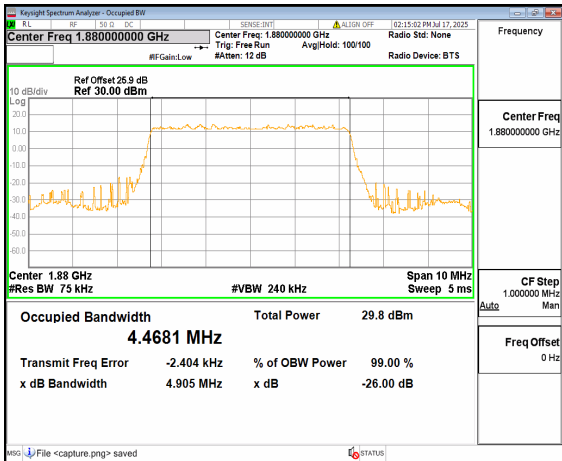
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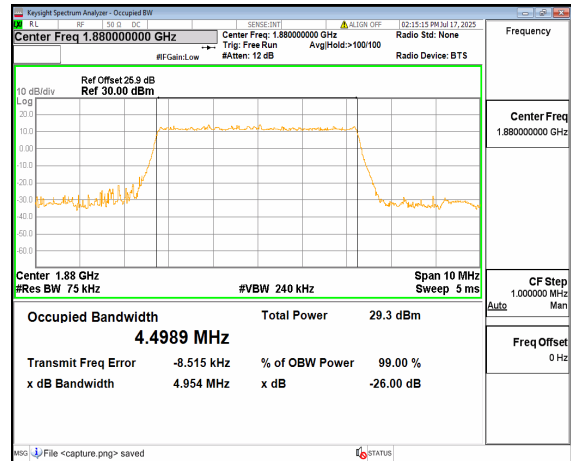
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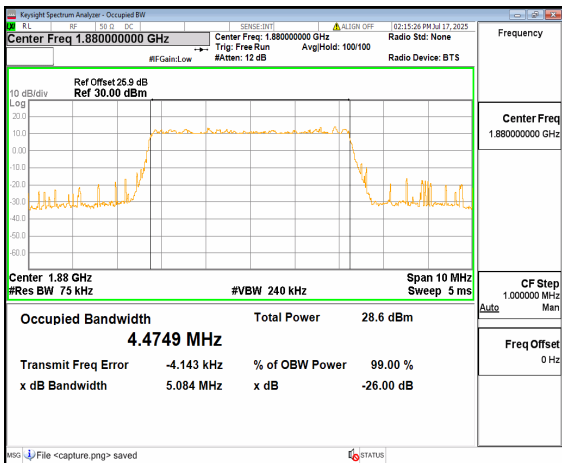
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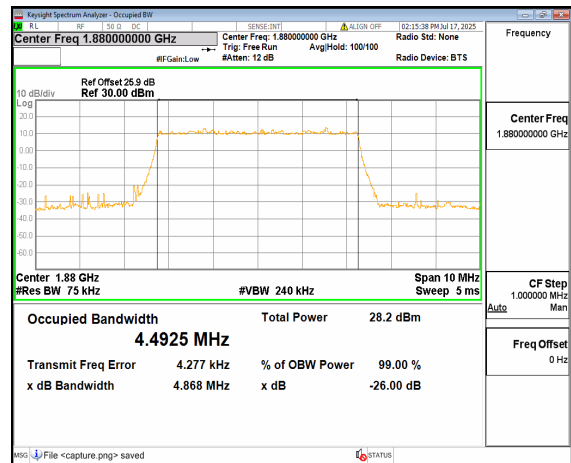
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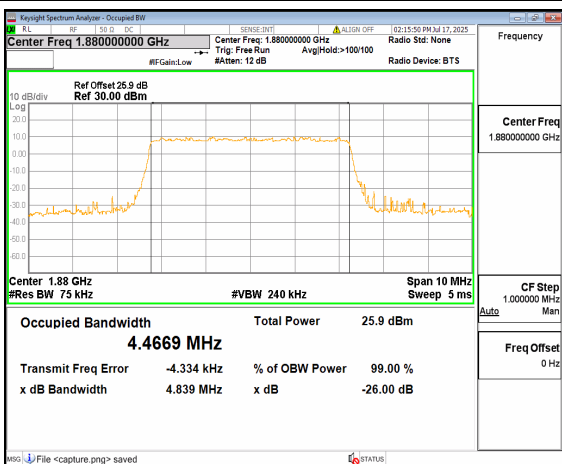
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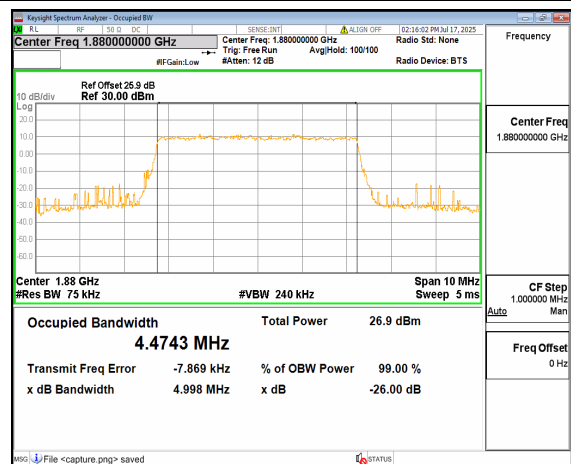
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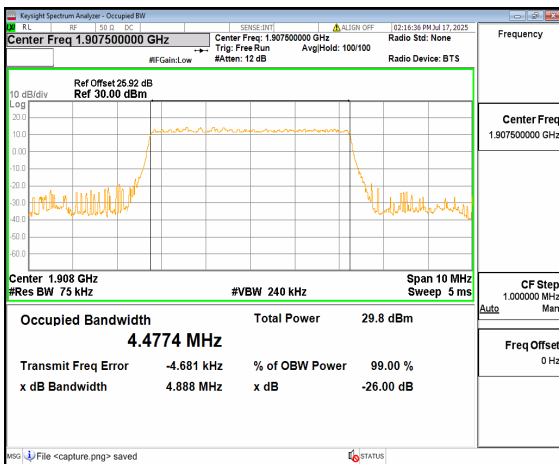
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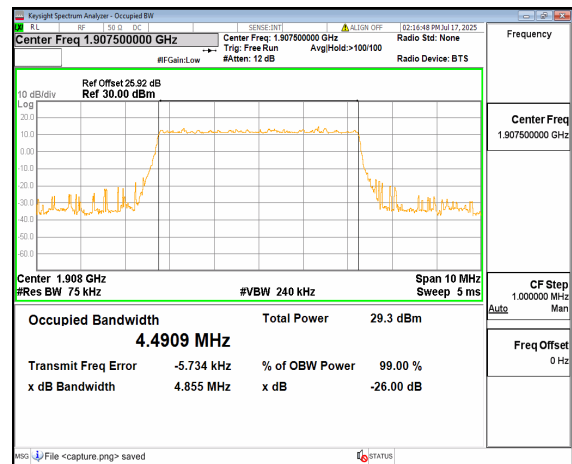
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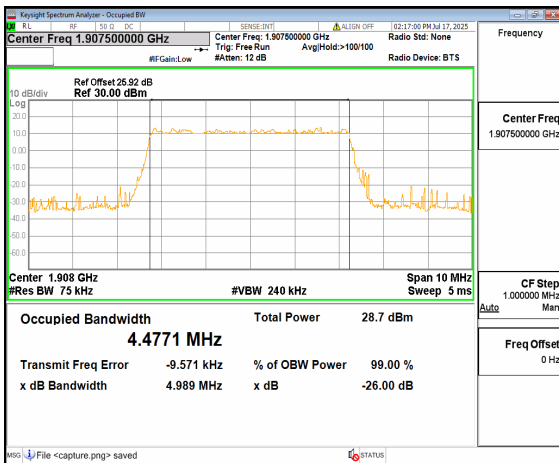
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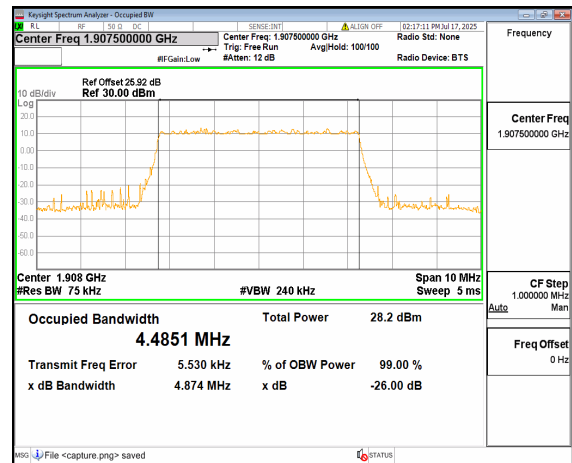
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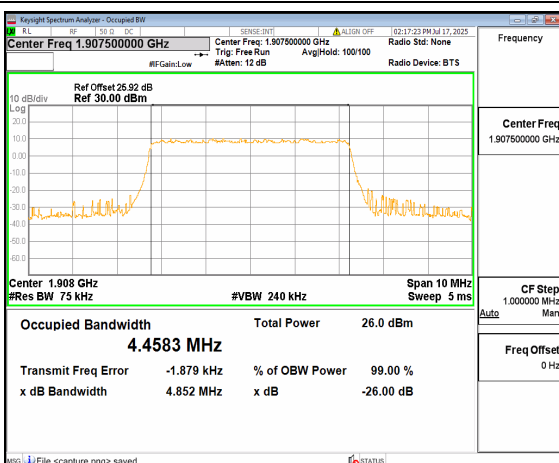
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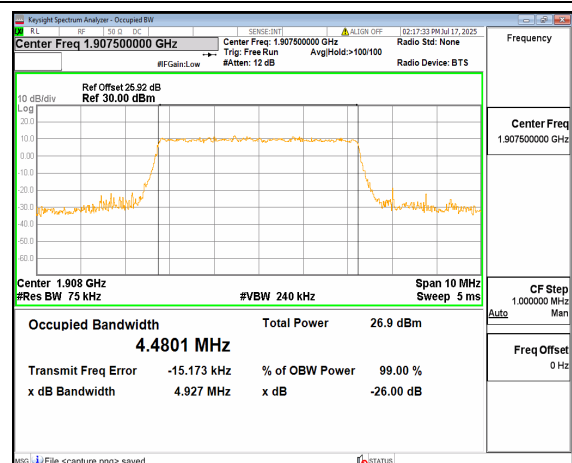
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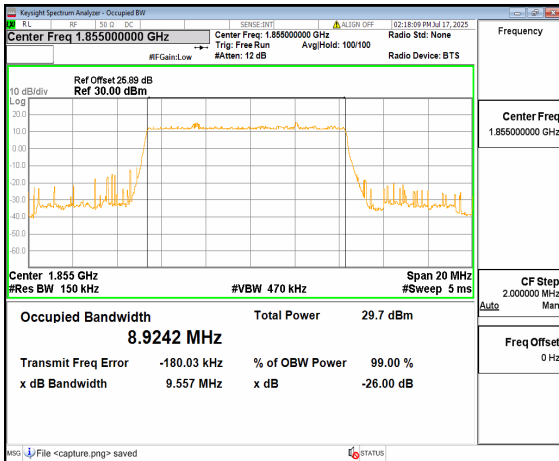
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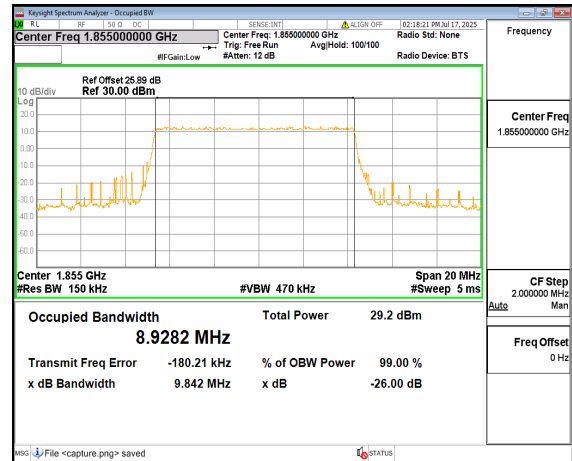
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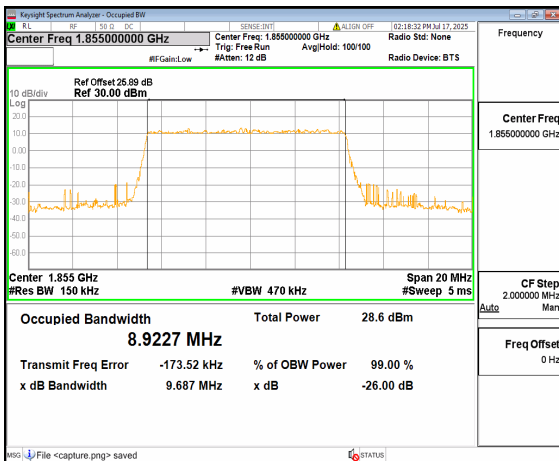
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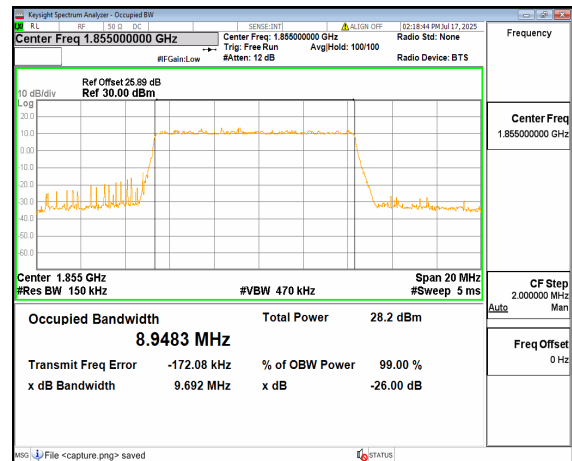
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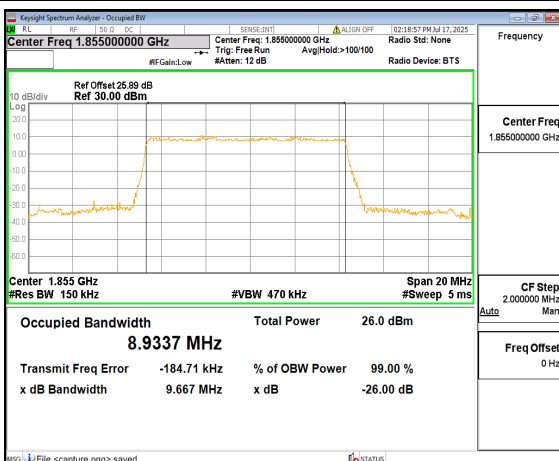
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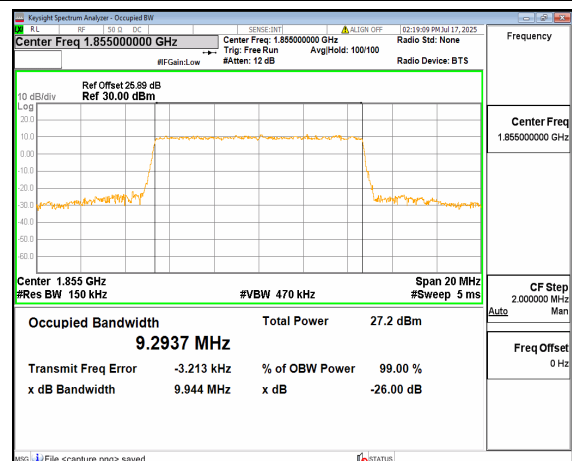
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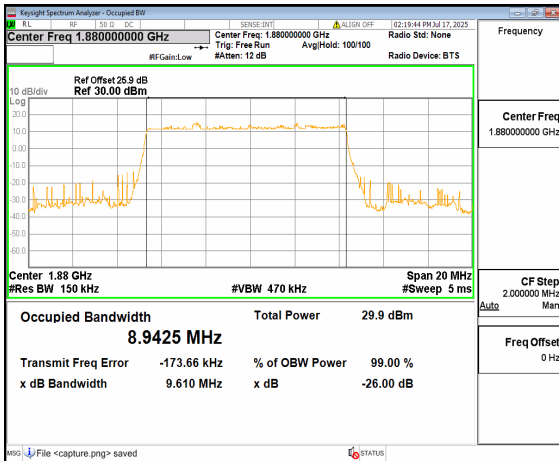
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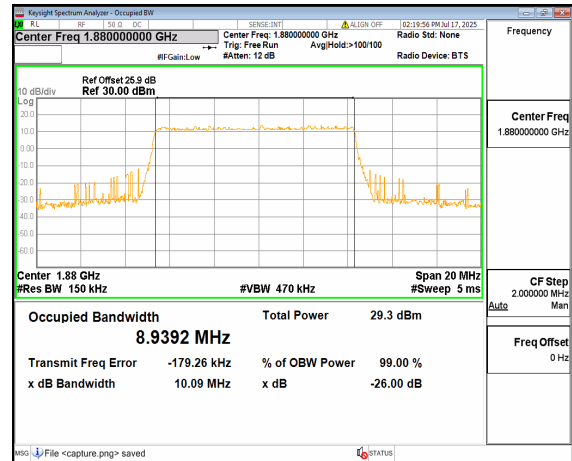
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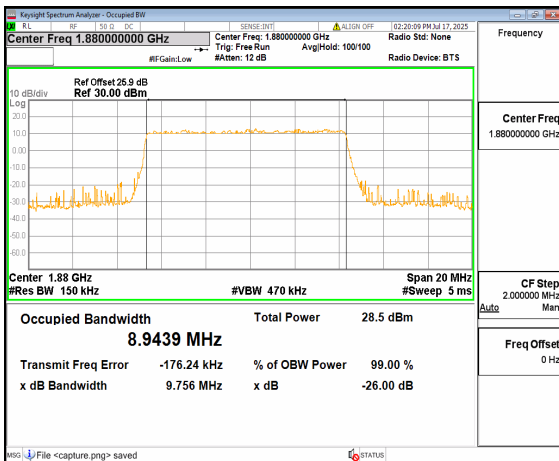
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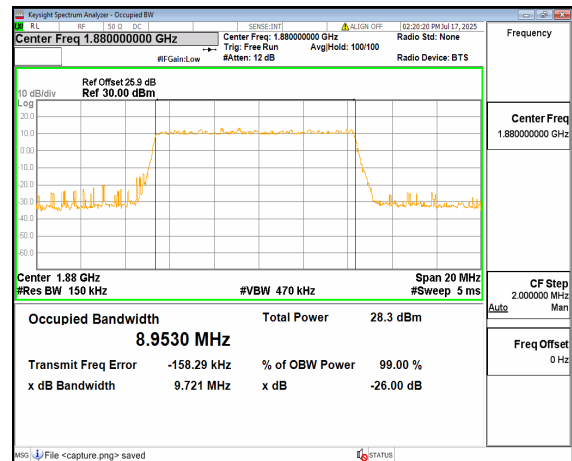
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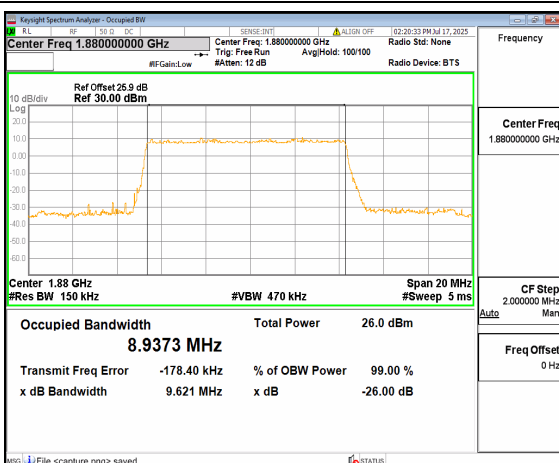
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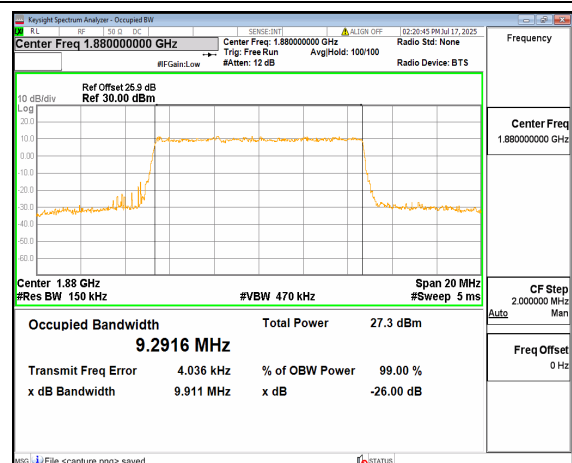
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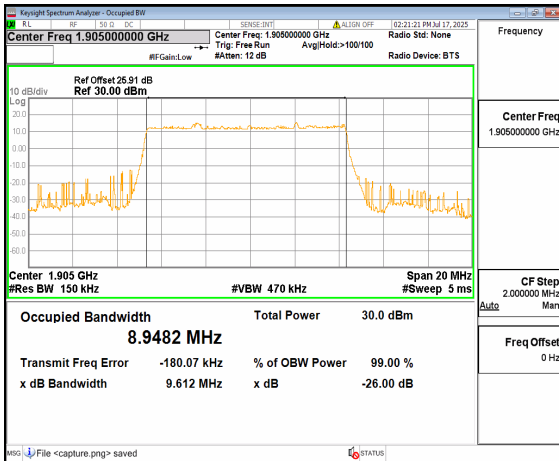
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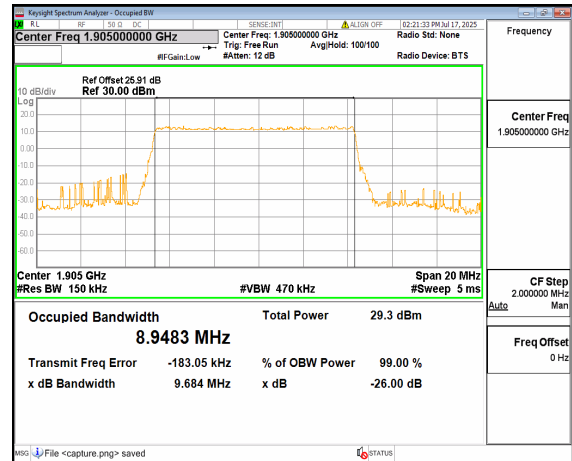
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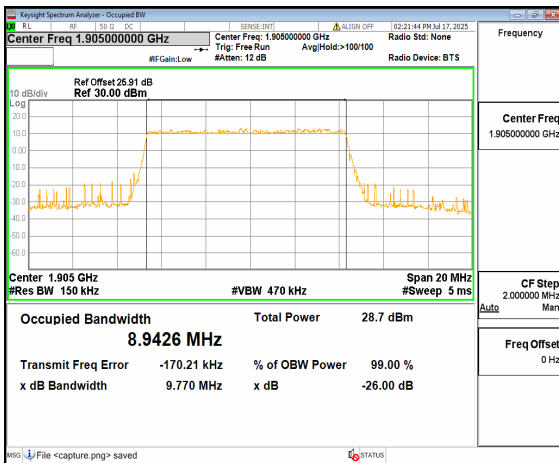
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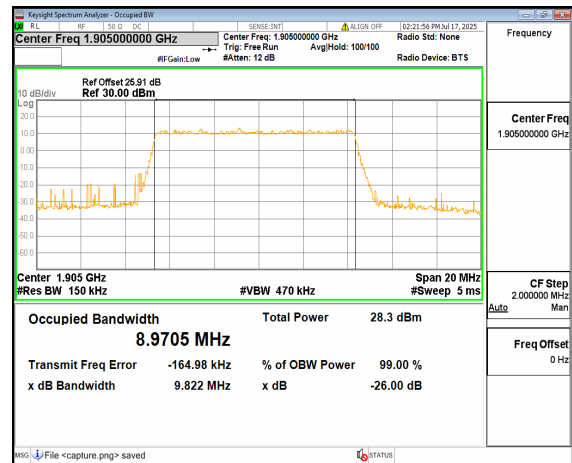
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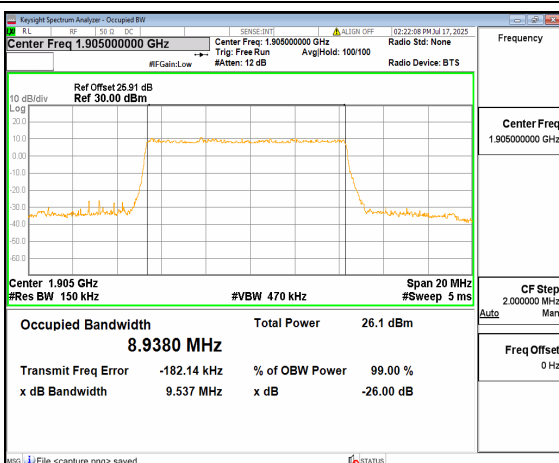
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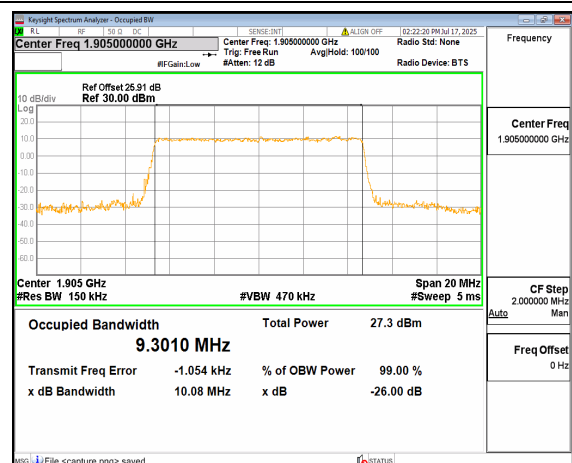
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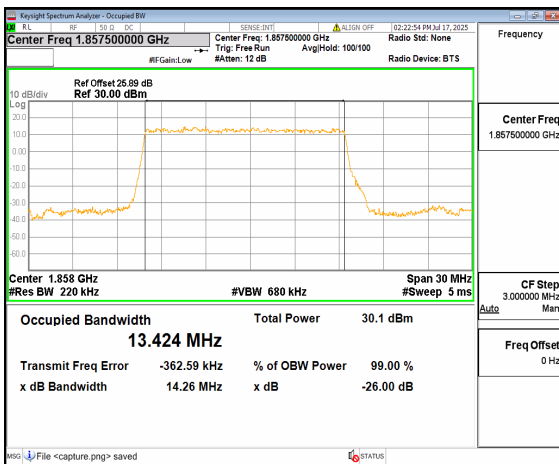
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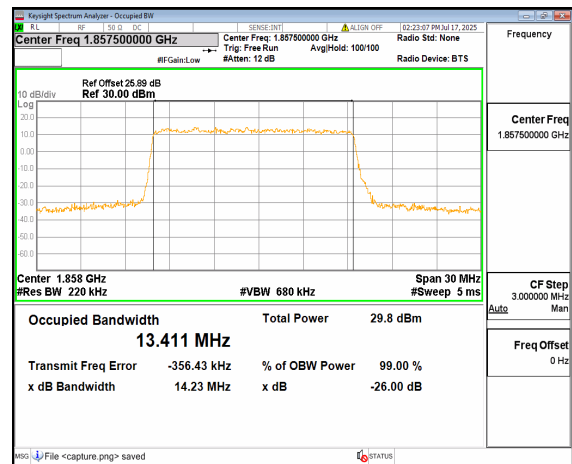
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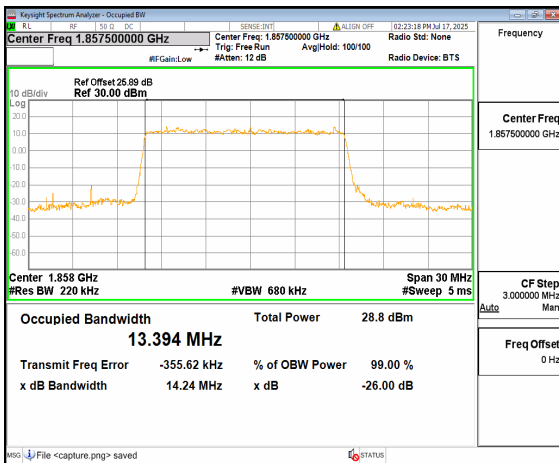
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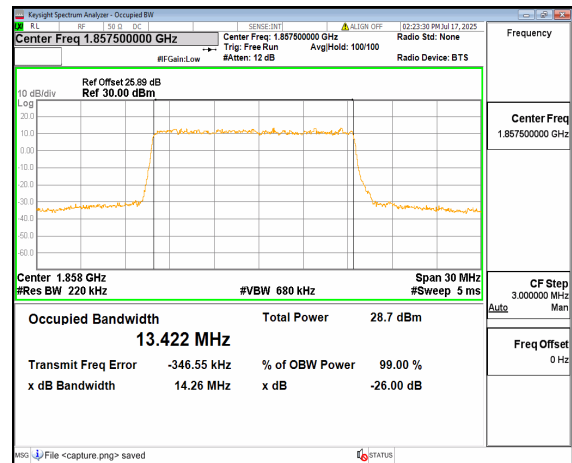
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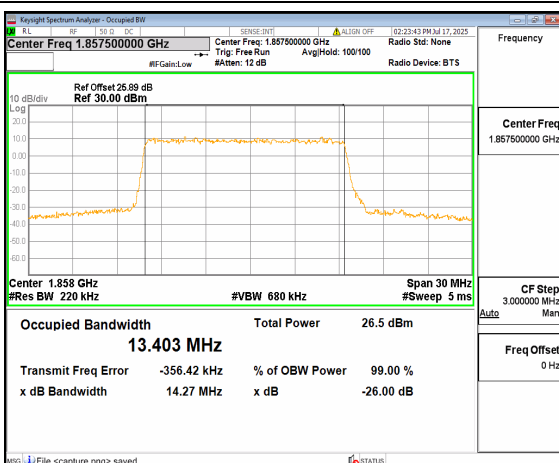
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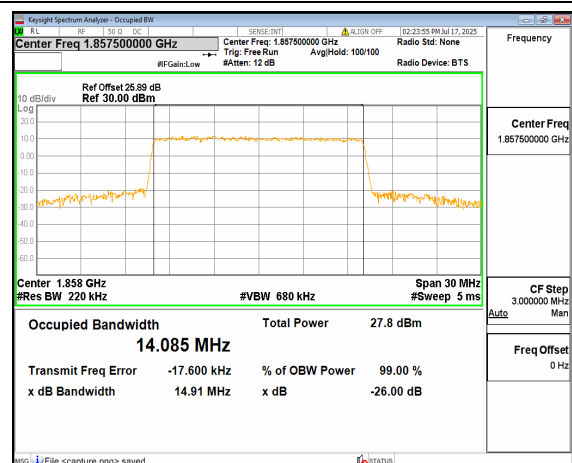
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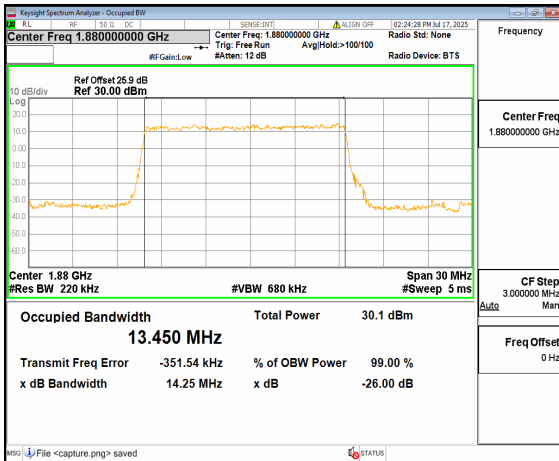
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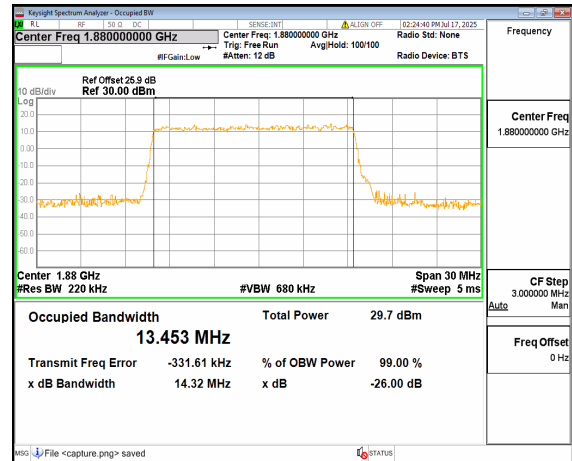
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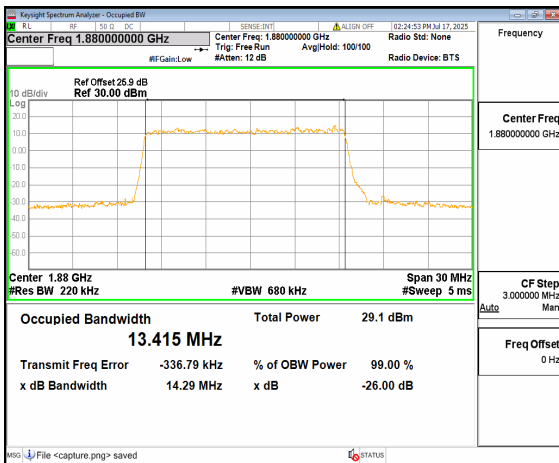
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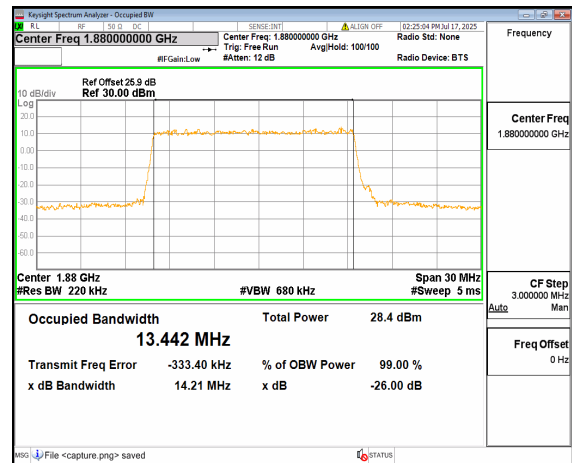
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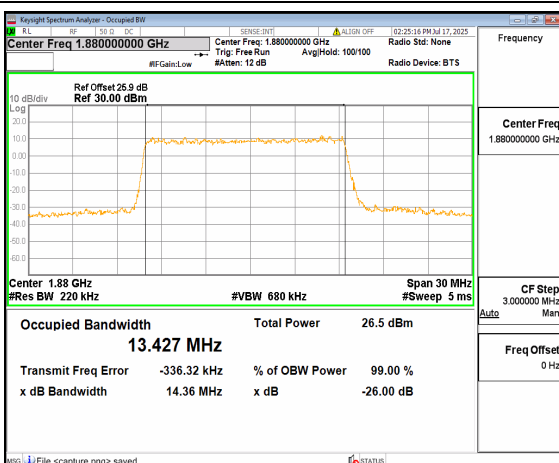
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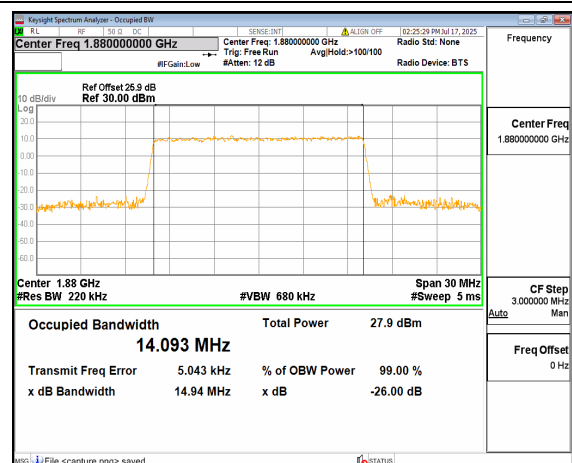
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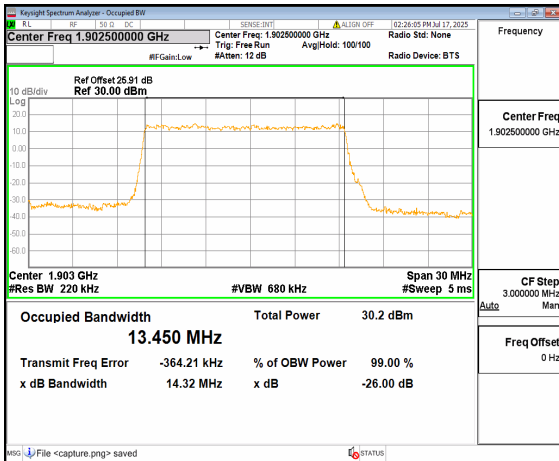
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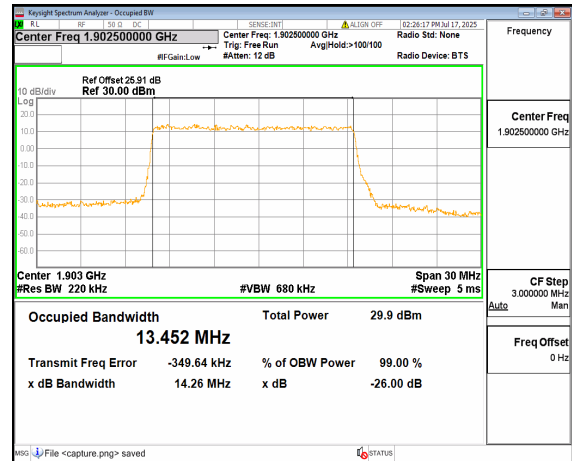
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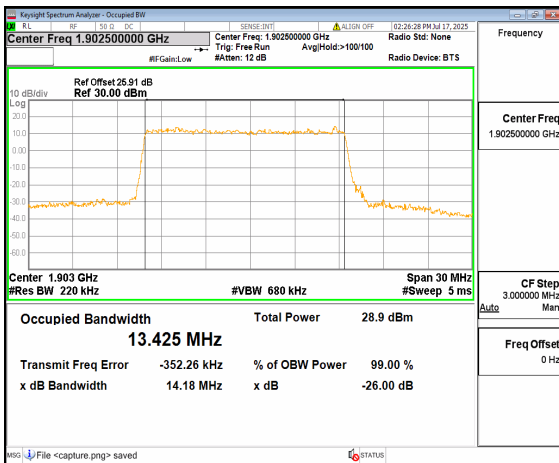
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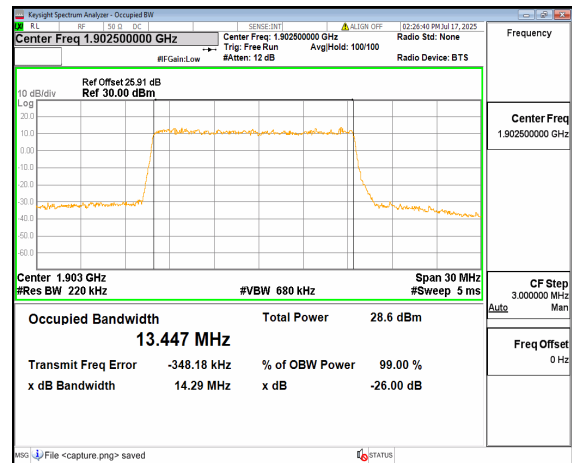
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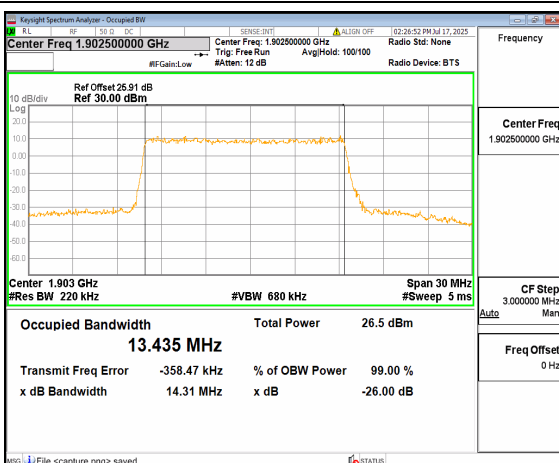
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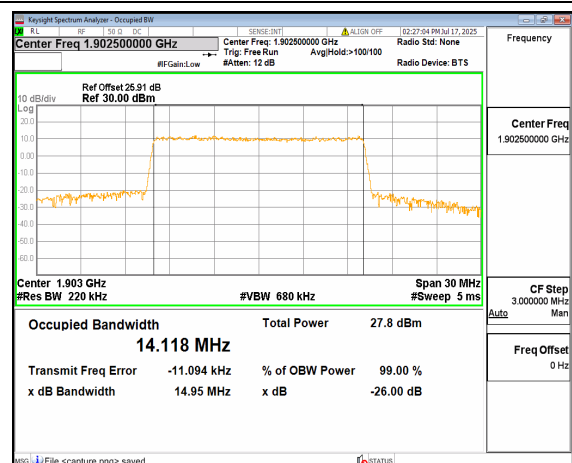
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n2 15M DFT-s-OFDM 64QAM Outer_Full High



n2 15M DFT-s-OFDM 256QAM Outer_Full High



n2 15M CP-OFDM QPSK Outer_Full High