



REPORT No.: SZ24090048W10

TEST REPORT

APPLICANT : Rhino Mobility LLC

PRODUCT NAME : Tablet

MODEL NAME : T105

Part Number : T105-001-RHN-0A-001

BRAND NAME : RHINO

FCC ID : 2AUOUT105

STANDARD(S) : 47 CFR Part 2, 47 CFR Part 24
47 CFR Part 27, 47 CFR Part 90
47 CFR Part 96

RECEIPT DATE : 2024-09-13

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Change History		
Version	Date	Reason for change
1.0	2024-11-29	First edition



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

Applicant:	Rhino Mobility LLC
Applicant Address:	8 The Green, Suite A, Dover, Delaware,19901, USA
Manufacturer:	Rhino Mobility LLC
Manufacturer Address:	8 The Green, Suite A, Dover, Delaware,19901, USA

1.2. Equipment Under Test (EUT) Description

Product Name:	Tablet	
Hardware Version:	T1007-MB_V1.0	
Software Version:	T105(001)_20241114	
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, n29, n30, n41, n48, n66, n71, n77, n78	
Power Class:	PC2:	n41, n77, n78
	PC3:	n2, n5, n7, n25, n26, n30, n41, n48, n66, n71, n77, n78
EN-DC Band:	n2	DC_5A_n2, DC_12A_n2, DC_13A_n2, DC_14A_n2, DC_48A_n2, DC_66A_n2, DC_71A_n2
	n5	DC_2A_n5, DC_7A_n5, DC_30A_n5, DC_48A_n5, DC_66A_n5
	n25	DC_12A_n25, DC_66A_n25
	n41	DC_5A_n41, DC_12A_n41, DC_26A_n41, DC_71A_n41
	n66	DC_2A_n66, DC_5A_n66, DC_12A_n66, DC_13A_n66, DC_14A_n66, DC_48A_n66, DC_71A_n66
	n71	DC_2A_n71, DC_66A_n71
	n77	DC_2A_n77, DC_5A_n77, DC_7A_n77, DC_12A_n77, DC_13A_n77, DC_14A_n77, DC_30A_n77, DC_41A_n77, DC_66A_n77



	n78	DC_2A_n78, DC_4A_n78, DC_5A_n78, DC_7A_n78, DC_12A_n78, DC_13A_n78, DC_26A_n78, DC_38A_n78, DC_41A_n78, DC_66A_n78, DC_71A_n78
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
	n29	Rx: 717MHz-728MHz
	n30	Tx: 2305MHz-2315MHz
		Rx: 2350MHz-2360MHz
	n41	Tx: 2496MHz-2690MHz
		Rx: 2496MHz-2690MHz
	n48	Tx:3550 MHz–3700 MHz
		Rx:3550 MHz–3700 MHz
	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
Channel Bandwidth	n2	5MHz, 10MHz, 15MHz, 20MHz
	n5	5MHz, 10MHz, 15MHz, 20MHz



	n7	5MHz, 10MHz, 15MHz, 20MHz
	n25	5MHz, 10MHz, 15MHz, 20MHz
	n26	5MHz, 10MHz, 15MHz, 20MHz
	n30	10MHz
	n41	20MHz, 30MHz, 40MHz, 50MHz, 60MHz, 70MHz, 80MHz, 90MHz, 100MHz
	n48	20MHz, 40MHz
	n66	5MHz, 10MHz, 15MHz, 20MHz
	n71	5MHz, 10MHz, 15MHz, 20MHz
	n77	20MHz, 30MHz, 40MHz, 60MHz, 80MHz, 100MHz
	n78	20MHz, 30MHz, 40MHz, 50MHz, 60MHz, 70MHz, 80MHz, 90MHz, 100MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	n2	ANT3: -0.47dBi, ANT4: 1.64dBi
	n5	ANT1: -1.38dBi
	n7	ANT3: 0.22dBi, ANT5: 1.44dBi
	n25	ANT3: -0.47dBi, ANT4: 1.64dBi
	n26	ANT1: -1.38dBi
	n29	ANT1: -2.12dBi
	n30	ANT3: -2.44dBi, ANT5: -0.98dBi
	n41	ANT3: 0.22dBi, ANT5: 1.44dBi
	n48	ANT6: -1.52dBi
	n66	ANT3: -1.22dBi, ANT4: 1.41dBi
	n71	ANT2: -2.81dBi
	n77	ANT6: -1.52dBi
	n78	ANT6: -1.52dBi
Accessory Information:	Battery :	
	Brand Name:	N/A
	Model No.:	BPT105
	Serial No.:	N/A
	Capacity:	7000mAh
	Rated Voltage:	3.85V
	Charge Limit:	4.40V
	Manufacturer:	Phenix New Energy (Huizhou) Co., Ltd.
	AC Adapter :	
	Brand Name:	RHINO
	Model No.:	PS20C120K1670UC
	Serial No.:	N/A
	Rated Input:	100-240V~50/60HZ, 0.6A
	Rated Output:	5V=3A or 9V=2.22A or 12V=1.67A
	Manufacturer1:	Shenzhen Flypower Technology Co., Ltd.



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

Note 2: n41 and n77 supports both power class 2 and class 3. We have evaluated two power classes respectively by performing full test, 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: 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

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

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

n2						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
5	PI/2 BPSK	/	/	/	4.4887	4M49G7D
	QPSK	23.72	25.36	0.344	4.496	4M50G7D
	16QAM	/	/	/	4.4934	4M49W7D
	64QAM	/	/	/	4.4769	4M48W7D
	256QAM	/	/	/	4.4894	4M49W7D
	CP-QPSK	/	/	/	4.4813	4M48G7D
10	PI/2 BPSK	/	/	/	8.9291	8M93G7D
	QPSK	23.73	25.37	0.344	8.9312	8M93G7D
	16QAM	/	/	/	8.9532	8M95W7D
	64QAM	/	/	/	8.9294	8M93W7D
	256QAM	/	/	/	8.9277	8M93W7D
	CP-QPSK	/	/	/	9.3015	9M30G7D
15	PI/2 BPSK	/	/	/	13.415	13M4G7D
	QPSK	23.70	25.34	0.342	13.423	13M4G7D
	16QAM	/	/	/	13.423	13M4W7D
	64QAM	/	/	/	13.406	13M4W7D
	256QAM	/	/	/	13.436	13M4W7D
	CP-QPSK	/	/	/	14.115	14M1G7D
20	PI/2 BPSK	23.73	25.37	0.344	17.876	17M9G7D
	QPSK	23.75	25.39	0.346	17.886	17M9G7D



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	16QAM	23.20	24.84	0.305	17.896	17M9W7D
	64QAM	21.94	23.58	0.228	17.909	17M9W7D
	256QAM	19.86	21.50	0.141	17.867	17M9W7D
	CP-QPSK	/	/	/	18.927	18M9G7D

n5						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (MHz)	Emission Designator
5	PI/2 BPSK	/	/	/	4.4895	4M49G7D
	QPSK	23.44	19.91	0.098	4.5001	4M50G7D
	16QAM	/	/	/	4.4908	4M49W7D
	64QAM	/	/	/	4.4846	4M48W7D
	256QAM	/	/	/	4.4839	4M48W7D
	CP-QPSK	/	/	/	4.4851	4M49G7D
10	PI/2 BPSK	/	/	/	8.922	8M92G7D
	QPSK	23.38	19.85	0.097	8.9468	8M95G7D
	16QAM	/	/	/	8.9479	8M95W7D
	64QAM	/	/	/	8.9299	8M93W7D
	256QAM	/	/	/	8.9268	8M93W7D
	CP-QPSK	/	/	/	9.2952	9M30G7D
15	PI/2 BPSK	/	/	/	13.416	13M4G7D
	QPSK	23.45	19.92	0.098	13.425	13M4G7D
	16QAM	/	/	/	13.428	13M4W7D
	64QAM	/	/	/	13.394	13M4W7D
	256QAM	/	/	/	13.432	13M4W7D
	CP-QPSK	/	/	/	14.106	14M1G7D
20	PI/2 BPSK	23.67	20.14	0.103	17.855	17M9G7D
	QPSK	23.68	20.15	0.104	17.855	17M9G7D
	16QAM	23.46	19.93	0.098	17.877	17M9W7D
	64QAM	21.77	18.24	0.067	17.891	17M9W7D
	256QAM	19.73	16.20	0.042	17.85	17M9W7D
	CP-QPSK	/	/	/	18.894	18M9G7D



n7						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (MHz)	Emission Designator
5	PI/2 BPSK	/	/	/	4.4829	4M48G7D
	QPSK	23.49	24.93	0.311	4.4934	4M49G7D
	16QAM	/	/	/	4.4921	4M49W7D
	64QAM	/	/	/	4.4765	4M48W7D
	256QAM	/	/	/	4.4894	4M49W7D
	CP-QPSK	/	/	/	4.4747	4M47G7D
10	PI/2 BPSK	/	/	/	8.9292	8M93G7D
	QPSK	23.52	24.96	0.313	8.9356	8M94G7D
	16QAM	/	/	/	8.9483	8M95W7D
	64QAM	/	/	/	8.9367	8M94W7D
	256QAM	/	/	/	8.9448	8M94W7D
	CP-QPSK	/	/	/	9.2987	9M30G7D
15	PI/2 BPSK	/	/	/	13.431	13M4G7D
	QPSK	23.52	24.96	0.313	13.438	13M4G7D
	16QAM	/	/	/	13.435	13M4W7D
	64QAM	/	/	/	13.415	13M4W7D
	256QAM	/	/	/	13.441	13M4W7D
	CP-QPSK	/	/	/	14.128	14M1G7D
20	PI/2 BPSK	23.66	25.10	0.324	17.901	17M9G7D
	QPSK	23.68	25.12	0.325	17.899	17M9G7D
	16QAM	23.27	24.71	0.296	17.904	17M9W7D
	64QAM	21.74	23.18	0.208	17.904	17M9W7D
	256QAM	19.31	20.75	0.119	17.876	17M9W7D
	CP-QPSK	/	/	/	18.922	18M9G7D

n25						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
5	PI/2 BPSK	/	/	/	4.4876	4M49G7D
	QPSK	23.78	21.24	0.133	4.4962	4M50G7D
	16QAM	/	/	/	4.4907	4M49W7D
	64QAM	/	/	/	4.4829	4M48W7D
	256QAM	/	/	/	4.4899	4M49W7D



	CP-QPSK	/	/	/	4.4841	4M48G7D
10	PI/2 BPSK	/	/	/	8.9325	8M93G7D
	QPSK	23.72	21.18	0.131	8.9318	8M93G7D
	16QAM	/	/	/	8.9503	8M95W7D
	64QAM	/	/	/	8.9303	8M93W7D
	256QAM	/	/	/	8.9435	8M94W7D
	CP-QPSK	/	/	/	9.2998	9M30G7D
15	PI/2 BPSK	/	/	/	13.42	13M4G7D
	QPSK	23.72	21.18	0.131	13.439	13M4G7D
	16QAM	/	/	/	13.435	13M4W7D
	64QAM	/	/	/	13.409	13M4W7D
	256QAM	/	/	/	13.449	13M5W7D
	CP-QPSK	/	/	/	14.124	14M1G7D
20	PI/2 BPSK	23.80	21.26	0.134	17.893	17M9G7D
	QPSK	23.81	21.27	0.134	17.887	17M9G7D
	16QAM	23.66	21.12	0.129	17.906	17M9W7D
	64QAM	22.19	19.65	0.092	17.916	17M9W7D
	256QAM	19.95	17.41	0.055	17.873	17M9W7D
	CP-QPSK	/	/	/	18.924	18M9G7D

n26(814-824MHz)						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (MHz)	Emission Designator
5	PI/2 BPSK	/	/	/	4.4881	4M49G7D
	QPSK	23.84	20.31	0.107	4.5163	4M52G7D
	16QAM	/	/	/	4.4919	4M49W7D
	64QAM	/	/	/	4.4784	4M48W7D
	256QAM	/	/	/	4.4835	4M48W7D
	CP-QPSK	/	/	/	4.4802	4M48G7D
10	PI/2 BPSK	23.79	20.26	0.106	8.9076	8M91G7D
	QPSK	23.90	20.37	0.109	8.9413	8M94G7D
	16QAM	23.17	19.64	0.092	8.94	8M94W7D
	64QAM	21.95	18.42	0.070	8.9142	8M91W7D
	256QAM	19.83	16.30	0.043	8.9274	8M93W7D
	CP-QPSK	/	/	/	9.2802	9M28G7D

n26(824-849MHz)						
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Bandwidth (MHz)	Modulation	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (MHz)	Emission Designator
5	PI/2 BPSK	/	/	/	4.4915	4M49G7D
	QPSK	23.79	20.26	0.106	4.5039	4M50G7D
	16QAM	/	/	/	4.4902	4M49W7D
	64QAM	/	/	/	4.4836	4M48W7D
	256QAM	/	/	/	4.4841	4M48W7D
	CP-QPSK	/	/	/	4.4824	4M48G7D
10	PI/2 BPSK	/	/	/	8.9231	8M92G7D
	QPSK	23.83	20.30	0.107	8.9214	8M92G7D
	16QAM	/	/	/	8.9368	8M94W7D
	64QAM	/	/	/	8.9268	8M93W7D
	256QAM	/	/	/	8.921	8M92W7D
	CP-QPSK	/	/	/	9.2904	9M29G7D
15	PI/2 BPSK	/	/	/	13.411	13M4G7D
	QPSK	23.86	20.33	0.108	13.431	13M4G7D
	16QAM	/	/	/	13.435	13M4W7D
	64QAM	/	/	/	13.394	13M4W7D
	256QAM	/	/	/	13.43	13M4W7D
	CP-QPSK	/	/	/	14.108	14M1G7D
20	PI/2 BPSK	23.91	20.38	0.109	17.857	17M9G7D
	QPSK	23.94	20.41	0.110	17.848	17M9G7D
	16QAM	23.81	20.28	0.107	17.871	17M9W7D
	64QAM	22.32	18.79	0.076	17.895	17M9W7D
	256QAM	20.35	16.82	0.048	17.85	17M9W7D
	CP-QPSK	/	/	/	18.881	18M9G7D

n30						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (MHz)	Emission Designator
10	PI/2 BPSK	23.49	21.50	0.141	8.9278	8M93G7D
	QPSK	23.56	21.57	0.144	8.9275	8M93G7D
	16QAM	23.27	21.28	0.134	8.9498	8M95W7D
	64QAM	21.87	19.88	0.097	8.9283	8M93W7D
	256QAM	19.53	17.54	0.057	8.9397	8M94W7D
	CP-QPSK	/	/	/	9.288	9M29G7D



n41(PC2)						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
20	PI/2 BPSK	/	/	/	17.809	17M8G7D
	QPSK	26.64	28.08	0.643	17.856	17M9G7D
	16QAM	/	/	/	17.85	17M9W7D
	64QAM	/	/	/	17.821	17M8W7D
	256QAM	/	/	/	17.812	17M8W7D
	CP-QPSK	/	/	/	18.263	18M3G7D
30	PI/2 BPSK	/	/	/	26.821	26M8G7D
	QPSK	26.65	28.09	0.644	26.819	26M8G7D
	16QAM	/	/	/	26.856	26M9W7D
	64QAM	/	/	/	26.808	26M8W7D
	256QAM	/	/	/	26.795	26M8W7D
	CP-QPSK	/	/	/	27.858	27M9G7D
40	PI/2 BPSK	/	/	/	35.796	35M8G7D
	QPSK	26.65	28.09	0.644	35.752	35M8G7D
	16QAM	/	/	/	35.801	35M8W7D
	64QAM	/	/	/	35.827	35M8W7D
	256QAM	/	/	/	35.787	35M8W7D
	CP-QPSK	/	/	/	37.913	37M9G7D
50	PI/2 BPSK	/	/	/	45.858	45M9G7D
	QPSK	26.67	28.11	0.647	45.938	45M9G7D
	16QAM	/	/	/	45.781	45M8W7D
	64QAM	/	/	/	45.772	45M8W7D
	256QAM	/	/	/	45.747	45M8W7D
	CP-QPSK	/	/	/	47.454	47M5G7D
60	PI/2 BPSK	/	/	/	57.937	57M9G7D
	QPSK	26.57	28.01	0.632	57.935	57M9G7D
	16QAM	/	/	/	57.897	57M9W7D
	64QAM	/	/	/	57.949	58M0W7D
	256QAM	/	/	/	57.969	58M0W7D
	CP-QPSK	/	/	/	57.883	57M9G7D
70	PI/2 BPSK	/	/	/	64.413	64M4G7D
	QPSK	26.60	28.04	0.637	64.269	64M3G7D



	16QAM	/	/	/	64.35	64M4W7D
	64QAM	/	/	/	64.329	64M3W7D
	256QAM	/	/	/	64.358	64M4W7D
	CP-QPSK	/	/	/	67.636	67M6G7D
80	PI/2 BPSK	/	/	/	77.235	77M2G7D
	QPSK	26.56	28.00	0.631	77.3	77M3G7D
	16QAM	/	/	/	77.261	77M3W7D
	64QAM	/	/	/	77.276	77M3W7D
	256QAM	/	/	/	77.212	77M2W7D
	CP-QPSK	/	/	/	77.535	77M5G7D
90	PI/2 BPSK	/	/	/	86.856	86M9G7D
	QPSK	26.50	27.94	0.622	86.798	86M8G7D
	16QAM	/	/	/	86.966	87M0W7D
	64QAM	/	/	/	86.798	86M8W7D
	256QAM	/	/	/	86.67	86M7W7D
	CP-QPSK	/	/	/	87.367	87M4G7D
100	PI/2 BPSK	26.61	28.05	0.638	96.595	96M6G7D
	QPSK	26.69	28.13	0.650	96.432	96M4G7D
	16QAM	25.39	26.83	0.482	96.62	96M6W7D
	64QAM	23.98	25.42	0.348	96.527	96M5W7D
	256QAM	21.80	23.24	0.211	96.518	96M5W7D
	CP-QPSK	/	/	/	97.401	97M4G7D

n41(PC3)						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
20	PI/2 BPSK	/	/	/	17.809	17M8G7D
	QPSK	23.84	25.28	0.337	17.856	17M9G7D
	16QAM	/	/	/	17.85	17M9W7D
	64QAM	/	/	/	17.821	17M8W7D
	256QAM	/	/	/	17.812	17M8W7D
	CP-QPSK	/	/	/	18.263	18M3G7D
30	PI/2 BPSK	/	/	/	26.821	26M8G7D
	QPSK	23.86	25.30	0.339	26.819	26M8G7D
	16QAM	/	/	/	26.856	26M9W7D
	64QAM	/	/	/	26.808	26M8W7D



	256QAM	/	/	/	26.795	26M8W7D
	CP-QPSK	/	/	/	27.858	27M9G7D
40	PI/2 BPSK	/	/	/	35.796	35M8G7D
	QPSK	23.83	25.27	0.337	35.752	35M8G7D
	16QAM	/	/	/	35.801	35M8W7D
	64QAM	/	/	/	35.827	35M8W7D
	256QAM	/	/	/	35.787	35M8W7D
	CP-QPSK	/	/	/	37.913	37M9G7D
50	PI/2 BPSK	/	/	/	45.858	45M9G7D
	QPSK	23.83	25.27	0.337	45.938	45M9G7D
	16QAM	/	/	/	45.781	45M8W7D
	64QAM	/	/	/	45.772	45M8W7D
	256QAM	/	/	/	45.747	45M8W7D
	CP-QPSK	/	/	/	47.454	47M5G7D
60	PI/2 BPSK	/	/	/	57.937	57M9G7D
	QPSK	23.82	25.26	0.336	57.935	57M9G7D
	16QAM	/	/	/	57.897	57M9W7D
	64QAM	/	/	/	57.949	58M0W7D
	256QAM	/	/	/	57.969	58M0W7D
	CP-QPSK	/	/	/	57.883	57M9G7D
70	PI/2 BPSK	/	/	/	64.413	64M4G7D
	QPSK	23.83	25.27	0.337	64.269	64M3G7D
	16QAM	/	/	/	64.35	64M4W7D
	64QAM	/	/	/	64.329	64M3W7D
	256QAM	/	/	/	64.358	64M4W7D
	CP-QPSK	/	/	/	67.636	67M6G7D
80	PI/2 BPSK	/	/	/	77.235	77M2G7D
	QPSK	23.87	25.31	0.340	77.3	77M3G7D
	16QAM	/	/	/	77.261	77M3W7D
	64QAM	/	/	/	77.276	77M3W7D
	256QAM	/	/	/	77.212	77M2W7D
	CP-QPSK	/	/	/	77.535	77M5G7D
90	PI/2 BPSK	/	/	/	86.856	86M9G7D
	QPSK	23.85	25.29	0.338	86.798	86M8G7D
	16QAM	/	/	/	86.966	87M0W7D
	64QAM	/	/	/	86.798	86M8W7D
	256QAM	/	/	/	86.67	86M7W7D



	CP-QPSK	/	/	/	87.367	87M4G7D
100	PI/2 BPSK	23.95	25.39	0.346	96.595	96M6G7D
	QPSK	23.98	25.42	0.348	96.432	96M4G7D
	16QAM	23.10	24.54	0.284	96.62	96M6W7D
	64QAM	23.11	24.55	0.285	96.527	96M5W7D
	256QAM	21.38	22.82	0.191	96.518	96M5W7D
	CP-QPSK	/	/	/	97.401	97M4G7D

n48						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
20	PI/2 BPSK	/	/	/	17.844	17M8G7D
	QPSK	22.43	20.91	0.123	17.89	17M9G7D
	16QAM	/	/	/	17.877	17M9W7D
	64QAM	/	/	/	17.85	17M9W7D
	256QAM	/	/	/	17.817	17M8W7D
	CP-QPSK	/	/	/	17.87	17M9G7D
40	PI/2 BPSK	22.51	20.99	0.126	35.759	35M8G7D
	QPSK	22.53	21.01	0.126	35.831	35M8G7D
	16QAM	22.45	20.93	0.124	35.828	35M8W7D
	64QAM	20.95	19.43	0.088	35.785	35M8W7D
	256QAM	18.79	17.27	0.053	35.77	35M8W7D
	CP-QPSK	/	/	/	35.699	35M7G7D

n66						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
5	PI/2 BPSK	/	/	/	4.4903	4M49G7D
	QPSK	23.79	25.20	0.331	4.4914	4M49G7D
	16QAM	/	/	/	4.4975	4M50W7D
	64QAM	/	/	/	4.4775	4M48W7D
	256QAM	/	/	/	4.4851	4M49W7D
	CP-QPSK	/	/	/	4.4784	4M48G7D
10	PI/2 BPSK	/	/	/	8.9332	8M93G7D
	QPSK	23.75	25.16	0.328	8.9336	8M93G7D



	16QAM	/	/	/	8.9477	8M95W7D
	64QAM	/	/	/	8.9326	8M93W7D
	256QAM	/	/	/	8.9378	8M94W7D
	CP-QPSK	/	/	/	9.3054	9M31G7D
15	PI/2 BPSK	/	/	/	13.422	13M4G7D
	QPSK	23.93	25.34	0.342	13.431	13M4G7D
	16QAM	/	/	/	13.433	13M4W7D
	64QAM	/	/	/	13.403	13M4W7D
	256QAM	/	/	/	13.44	13M4W7D
	CP-QPSK	/	/	/	14.121	14M1G7D
20	PI/2 BPSK	23.89	25.30	0.339	17.897	17M9G7D
	QPSK	24.00	25.41	0.348	17.885	17M9G7D
	16QAM	23.42	24.83	0.304	17.923	17M9W7D
	64QAM	22.09	23.50	0.224	17.917	17M9W7D
	256QAM	19.82	21.23	0.133	17.876	17M9W7D
	CP-QPSK	/	/	/	18.918	18M9G7D

n71						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (MHz)	Emission Designator
5	PI/2 BPSK	/	/	/	4.4836	4M48G7D
	QPSK	23.55	18.59	0.072	4.4986	4M50G7D
	16QAM	/	/	/	4.4879	4M49W7D
	64QAM	/	/	/	4.4755	4M48W7D
	256QAM	/	/	/	4.4912	4M49W7D
	CP-QPSK	/	/	/	4.477	4M48G7D
10	PI/2 BPSK	/	/	/	8.9173	8M92G7D
	QPSK	23.63	18.67	0.074	8.9208	8M92G7D
	16QAM	/	/	/	8.9384	8M94W7D
	64QAM	/	/	/	8.9211	8M92W7D
	256QAM	/	/	/	8.9225	8M92W7D
	CP-QPSK	/	/	/	9.2862	9M29G7D
15	PI/2 BPSK	/	/	/	13.415	13M4G7D
	QPSK	23.65	18.69	0.074	13.407	13M4G7D
	16QAM	/	/	/	13.419	13M4W7D
	64QAM	/	/	/	13.387	13M4W7D



	256QAM	/	/	/	13.432	13M4W7D
	CP-QPSK	/	/	/	14.109	14M1G7D
20	PI/2 BPSK	23.65	18.69	0.074	17.853	17M9G7D
	QPSK	23.79	18.83	0.076	17.85	17M9G7D
	16QAM	23.20	18.24	0.067	17.869	17M9W7D
	64QAM	21.72	16.76	0.047	17.886	17M9W7D
	256QAM	19.29	14.33	0.027	17.847	17M9W7D
	CP-QPSK	/	/	/	18.881	18M9G7D

n77(3450-3550MHz)(PC2)						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
20	PI/2 BPSK	/	/	/	17.863	17M9G7D
	QPSK	25.56	24.04	0.254	17.847	17M9G7D
	16QAM	/	/	/	17.895	17M9W7D
	64QAM	/	/	/	17.881	17M9W7D
	256QAM	/	/	/	17.87	17M9W7D
	CP-QPSK	/	/	/	17.895	17M9G7D
30	PI/2 BPSK	/	/	/	26.792	26M8G7D
	QPSK	25.52	24.00	0.251	26.828	26M8G7D
	16QAM	/	/	/	26.843	26M8W7D
	64QAM	/	/	/	26.823	26M8W7D
	256QAM	/	/	/	26.876	26M9W7D
	CP-QPSK	/	/	/	26.797	26M8G7D
40	PI/2 BPSK	/	/	/	35.768	35M8G7D
	QPSK	25.54	24.02	0.252	35.796	35M8G7D
	16QAM	/	/	/	35.842	35M8W7D
	64QAM	/	/	/	35.773	35M8W7D
	256QAM	/	/	/	35.803	35M8W7D
	CP-QPSK	/	/	/	35.74	35M7G7D
60	PI/2 BPSK	/	/	/	57.916	57M9G7D
	QPSK	25.31	23.79	0.239	57.858	57M9G7D
	16QAM	/	/	/	57.893	57M9W7D
	64QAM	/	/	/	57.918	57M9W7D
	256QAM	/	/	/	57.934	57M9W7D
	CP-QPSK	/	/	/	57.796	57M8G7D



80	PI/2 BPSK	/	/	/	77.055	77M1G7D
	QPSK	25.46	23.94	0.248	77.131	77M1G7D
	16QAM	/	/	/	77.147	77M2W7D
	64QAM	/	/	/	77.085	77M1W7D
	256QAM	/	/	/	77.056	77M1W7D
	CP-QPSK	/	/	/	77.127	77M1G7D
100	PI/2 BPSK	25.51	23.99	0.251	96.321	96M3G7D
	QPSK	25.60	24.08	0.256	96.129	96M1G7D
	16QAM	24.08	22.56	0.180	96.415	96M4W7D
	64QAM	22.71	21.19	0.132	96.349	96M4W7D
	256QAM	20.51	18.99	0.079	96.43	96M4W7D
	CP-QPSK	/	/	/	96.376	96M4G7D

n77(3700-3980MHz)(PC2)						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
20	PI/2 BPSK	/	/	/	17.848	17M9G7D
	QPSK	25.12	23.60	0.229	17.812	17M8G7D
	16QAM	/	/	/	17.876	17M9W7D
	64QAM	/	/	/	17.894	17M9W7D
	256QAM	/	/	/	17.883	17M9W7D
	CP-QPSK	/	/	/	17.903	17M9G7D
30	PI/2 BPSK	/	/	/	26.796	26M8G7D
	QPSK	25.04	23.52	0.225	26.919	26M9G7D
	16QAM	/	/	/	26.839	26M8W7D
	64QAM	/	/	/	26.801	26M8W7D
	256QAM	/	/	/	26.835	26M8W7D
	CP-QPSK	/	/	/	26.789	26M8G7D
40	PI/2 BPSK	/	/	/	35.768	35M8G7D
	QPSK	25.15	23.63	0.231	35.791	35M8G7D
	16QAM	/	/	/	35.811	35M8W7D
	64QAM	/	/	/	35.809	35M8W7D
	256QAM	/	/	/	35.743	35M7W7D
	CP-QPSK	/	/	/	35.729	35M7G7D
60	PI/2 BPSK	/	/	/	57.974	58M0G7D
	QPSK	24.99	23.47	0.222	57.804	57M8G7D



	16QAM	/	/	/	57.946	58M0W7D
	64QAM	/	/	/	57.925	57M9W7D
	256QAM	/	/	/	57.876	57M9W7D
	CP-QPSK	/	/	/	57.826	57M8G7D
80	PI/2 BPSK	/	/	/	77.155	77M2G7D
	QPSK	25.12	23.60	0.229	77.781	77M8G7D
	16QAM	/	/	/	77.251	77M3W7D
	64QAM	/	/	/	77.101	77M1W7D
	256QAM	/	/	/	77.086	77M1W7D
	CP-QPSK	/	/	/	77.04	77M0G7D
100	PI/2 BPSK	25.50	23.98	0.250	96.391	96M4G7D
	QPSK	25.49	23.97	0.249	96.238	96M2G7D
	16QAM	23.68	22.16	0.164	96.416	96M4W7D
	64QAM	22.28	20.76	0.119	96.398	96M4W7D
	256QAM	19.96	18.44	0.070	96.397	96M4W7D
	CP-QPSK	/	/	/	96.233	96M2G7D

n77(3450-3550MHz)(PC3)						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
20	PI/2 BPSK	/	/	/	/	/
	QPSK	22.46	20.94	0.124	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
30	PI/2 BPSK	/	/	/	/	/
	QPSK	22.37	20.85	0.122	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
40	PI/2 BPSK	/	/	/	/	/
	QPSK	22.32	20.80	0.120	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/



	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
60	PI/2 BPSK	/	/	/	/	/
	QPSK	22.25	20.73	0.118	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
80	PI/2 BPSK	/	/	/	/	/
	QPSK	22.35	20.83	0.121	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
	CP-QPSK	/	/	/	/	/
100	PI/2 BPSK	22.37	20.85	0.122	/	/
	QPSK	22.47	20.95	0.124	/	/
	16QAM	22.03	20.51	0.112	/	/
	64QAM	21.46	19.94	0.099	/	/
	256QAM	20.44	18.92	0.078	/	/
	CP-QPSK	/	/	/	/	/

n77(3700-3980MHz)(PC3)						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
20	PI/2 BPSK	/	/	/	/	/
	QPSK	22.16	20.64	0.116	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
30	PI/2 BPSK	/	/	/	/	/
	QPSK	22.32	20.80	0.120	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
40	PI/2 BPSK	/	/	/	/	/
	QPSK	22.23	20.71	0.118	/	/



	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
60	PI/2 BPSK	/	/	/	/	/
	QPSK	21.97	20.45	0.111	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
80	PI/2 BPSK	/	/	/	/	/
	QPSK	22.07	20.55	0.114	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
100	PI/2 BPSK	22.42	20.90	0.123	/	/
	QPSK	22.44	20.92	0.124	/	/
	16QAM	21.56	20.04	0.101	/	/
	64QAM	21.57	20.05	0.101	/	/
	256QAM	20.41	18.89	0.077	/	/

n78(3450-3550MHz)(PC2)						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
20	PI/2 BPSK	/	/	/	17.843	17M8G7D
	QPSK	25.34	23.82	0.241	17.838	17M8G7D
	16QAM	/	/	/	17.907	17M9W7D
	64QAM	/	/	/	17.859	17M9W7D
	256QAM	/	/	/	17.872	17M9W7D
30	PI/2 BPSK	/	/	/	17.902	17M9G7D
	QPSK	25.36	23.84	0.242	26.793	26M8G7D
	16QAM	/	/	/	26.818	26M8G7D
	64QAM	/	/	/	26.842	26M8W7D
	256QAM	/	/	/	26.79	26M8W7D
40	PI/2 BPSK	/	/	/	26.859	26M9W7D
	QPSK	25.47	23.95	0.248	26.823	26M8G7D
	16QAM	/	/	/	35.758	35M8G7D
	64QAM	/	/	/	35.781	35M8G7D



	256QAM	/	/	/	35.828	35M8W7D
50	PI/2 BPSK	/	/	/	35.782	35M8W7D
	QPSK	25.36	23.84	0.242	35.763	35M8W7D
	16QAM	/	/	/	35.701	35M7G7D
	64QAM	/	/	/	45.763	45M8G7D
	256QAM	/	/	/	45.868	45M9G7D
60	PI/2 BPSK	/	/	/	45.844	45M8W7D
	QPSK	25.39	23.87	0.244	45.736	45M7W7D
	16QAM	/	/	/	45.85	45M9W7D
	64QAM	/	/	/	45.738	45M7G7D
	256QAM	/	/	/	57.952	58M0G7D
70	PI/2 BPSK	/	/	/	57.838	57M8G7D
	QPSK	25.46	23.94	0.248	57.975	58M0W7D
	16QAM	/	/	/	57.926	57M9W7D
	64QAM	/	/	/	57.904	57M9W7D
	256QAM	/	/	/	57.831	57M8G7D
80	PI/2 BPSK	/	/	/	64.314	64M3G7D
	QPSK	25.45	23.93	0.247	64.286	64M3G7D
	16QAM	/	/	/	64.225	64M2W7D
	64QAM	/	/	/	64.323	64M3W7D
	256QAM	/	/	/	64.239	64M2W7D
90	PI/2 BPSK	/	/	/	64.254	64M3G7D
	QPSK	25.33	23.81	0.240	77.074	77M1G7D
	16QAM	/	/	/	77.135	77M1G7D
	64QAM	/	/	/	77.178	77M2W7D
	256QAM	/	/	/	77.036	77M0W7D
100	PI/2 BPSK	25.38	23.86	0.243	77.081	77M1W7D
	QPSK	25.51	23.99	0.251	77.15	77M2G7D
	16QAM	23.74	22.22	0.167	86.722	86M7G7D
	64QAM	22.50	20.98	0.125	86.675	86M7G7D
	256QAM	20.20	18.68	0.074	86.773	86M8W7D

n78(3700-3800MHz)(PC2)						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
20	PI/2 BPSK	/	/	/	17.829	17M8G7D



	QPSK	25.39	23.87	0.244	17.907	17M9G7D
	16QAM	/	/	/	17.89	17M9W7D
	64QAM	/	/	/	17.853	17M9W7D
	256QAM	/	/	/	17.862	17M9W7D
30	PI/2 BPSK	/	/	/	17.887	17M9G7D
	QPSK	25.28	23.76	0.238	26.808	26M8G7D
	16QAM	/	/	/	26.898	26M9G7D
	64QAM	/	/	/	26.854	26M9W7D
	256QAM	/	/	/	26.783	26M8W7D
40	PI/2 BPSK	/	/	/	26.819	26M8W7D
	QPSK	25.25	23.73	0.236	26.798	26M8G7D
	16QAM	/	/	/	35.744	35M7G7D
	64QAM	/	/	/	35.887	35M9G7D
	256QAM	/	/	/	35.806	35M8W7D
50	PI/2 BPSK	/	/	/	35.842	35M8W7D
	QPSK	25.28	23.76	0.238	35.811	35M8W7D
	16QAM	/	/	/	35.68	35M7G7D
	64QAM	/	/	/	45.763	45M8G7D
	256QAM	/	/	/	45.496	45M5G7D
60	PI/2 BPSK	/	/	/	45.802	45M8W7D
	QPSK	25.23	23.71	0.235	45.785	45M8W7D
	16QAM	/	/	/	45.783	45M8W7D
	64QAM	/	/	/	45.722	45M7G7D
	256QAM	/	/	/	57.869	57M9G7D
70	PI/2 BPSK	/	/	/	57.865	57M9G7D
	QPSK	25.21	23.69	0.234	57.859	57M9W7D
	16QAM	/	/	/	57.997	58M0W7D
	64QAM	/	/	/	57.972	58M0W7D
	256QAM	/	/	/	57.837	57M8G7D
80	PI/2 BPSK	/	/	/	64.31	64M3G7D
	QPSK	25.27	23.75	0.237	64.7	64M7G7D
	16QAM	/	/	/	64.256	64M3W7D
	64QAM	/	/	/	64.276	64M3W7D
	256QAM	/	/	/	64.206	64M2W7D
90	PI/2 BPSK	/	/	/	64.246	64M3G7D
	QPSK	25.26	23.74	0.237	77.125	77M1G7D
	16QAM	/	/	/	77.06	77M1G7D



	64QAM	/	/	/	77.238	77M2W7D
	256QAM	/	/	/	77.133	77M1W7D
100	PI/2 BPSK	25.29	23.77	0.238	77.15	77M2W7D
	QPSK	25.41	23.89	0.245	77.059	77M1G7D
	16QAM	23.44	21.92	0.156	86.722	86M7G7D
	64QAM	22.30	20.78	0.120	86.903	86M9G7D
	256QAM	19.79	18.27	0.067	86.773	86M8W7D

n78(3450-3550MHz)(PC3)						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
20	PI/2 BPSK	/	/	/	/	/
	QPSK	22.26	20.74	0.119	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
30	PI/2 BPSK	/	/	/	/	/
	QPSK	22.27	20.75	0.119	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
40	PI/2 BPSK	/	/	/	/	/
	QPSK	22.39	20.87	0.122	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
50	PI/2 BPSK	/	/	/	/	/
	QPSK	22.25	20.73	0.118	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
60	PI/2 BPSK	/	/	/	/	/
	QPSK	22.22	20.70	0.117	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/



	256QAM	/	/	/	/	/
70	PI/2 BPSK	/	/	/	/	/
	QPSK	22.36	20.84	0.121	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
80	PI/2 BPSK	/	/	/	/	/
	QPSK	22.36	20.84	0.121	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
90	PI/2 BPSK	/	/	/	/	/
	QPSK	22.25	20.73	0.118	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
100	PI/2 BPSK	22.41	20.89	0.123	/	/
	QPSK	22.45	20.93	0.124	/	/
	16QAM	21.51	19.99	0.100	/	/
	64QAM	21.63	20.11	0.103	/	/
	256QAM	19.79	18.27	0.067	/	/

n78(3700-3800MHz)(PC3)						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
20	PI/2 BPSK	/	/	/	/	/
	QPSK	22.30	20.78	0.120	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
30	PI/2 BPSK	/	/	/	/	/
	QPSK	22.20	20.68	0.117	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
40	PI/2 BPSK	/	/	/	/	/



	QPSK	22.36	20.84	0.121	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
50	PI/2 BPSK	/	/	/	/	/
	QPSK	22.29	20.77	0.119	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
60	PI/2 BPSK	/	/	/	/	/
	QPSK	22.24	20.72	0.118	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
70	PI/2 BPSK	/	/	/	/	/
	QPSK	22.26	20.74	0.119	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
80	PI/2 BPSK	/	/	/	/	/
	QPSK	22.31	20.79	0.120	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
90	PI/2 BPSK	/	/	/	/	/
	QPSK	22.30	20.78	0.120	/	/
	16QAM	/	/	/	/	/
	64QAM	/	/	/	/	/
	256QAM	/	/	/	/	/
100	PI/2 BPSK	22.28	20.76	0.119	/	/
	QPSK	22.49	20.97	0.125	/	/
	16QAM	21.56	20.04	0.101	/	/
	64QAM	21.62	20.10	0.102	/	/
	256QAM	19.78	18.26	0.067	/	/



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, Part 90 and Part96 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
6	47 CFR Part 96	CITIZENS BROADBAND RADIO SERVICE

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& n26(824-849MHz)			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §22.913(a)(5)	ERP $\leq$ 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 & 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



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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

n30			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §27.50(a)(3)	ERP ≤250mW	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(a)	Refer to section 2.6	PASS
Spurious Emission at Antenna Terminals	§2.1051, §27.53	≤ -40 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §27.53	≤ -40 dBm/1MHz	PASS
Frequency Stability	§2.1055, §27.54	No limit	N/A

n48			
Item	FCC Rule No.	Requirements	Result
Effective (Isotropic) Radiated Power Output Data	§2.1046, §96.41(b)	Refer to section 2.1	PASS
Peak-Average Ratio	§96.39(g)	≤ 13 dB	PASS
Bandwidth	§2.1049	OBW: No limit EBW: No limit	PASS
Band Edges Compliance	§2.1051, §96.41(e)	Refer to section 2.6	PASS



Spurious Emission at Antenna Terminals	§2.1051, §96.41(e)	≤ -40 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §96.41(e)	≤ -40 dBm/1MHz	PASS
Frequency Stability	§2.1055, §27.54	No limit	N/A

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 ≤ 3 W	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 ≤ 1 W	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 ≤ 1 W	PASS
Peak-Average Ratio	§27.50(j)(4)	≤ 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)	≤ -13 dBm/1MHz	PASS
Field Strength of Spurious Radiation	§2.1053, §27.53(m)(4)	≤ -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	Method Determination /Remark
Transmitter Conducted Output Power and ERP/EIRP	Gan Jing	PASS	Nodeviation
Occupied Bandwidth	Gan Jing	PASS	Nodeviation
Frequency Stability	Gan Jing	PASS	Nodeviation
Peak to Average Radio	Gan Jing	PASS	Nodeviation
Conducted Spurious Emissions	Gan Jing	PASS	Nodeviation
Band Edge	Gan Jing	PASS	Nodeviation
Radiated Spurious Emissions	Yang Lian	PASS	Nodeviation
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: Additions to, deviation, or exclusions from the method shall be judged in the "method determination" column of add, deviate or exclude from the specific method shall be explained in the "Remark" of the above table. Note 3: The declared of product specification for EUT presented in the report are provided by 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 27.50 (d)(4) for n66, Fixed, mobile and portable (hand-held) stations in the 1710-1755MHz band are limited to 1wat E.I.R.P.

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, 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 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 (a)(3)for n30, Mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average E.I.R.P. must not exceed 50 mill watts within any 1 megahertz of authorized bandwidth.

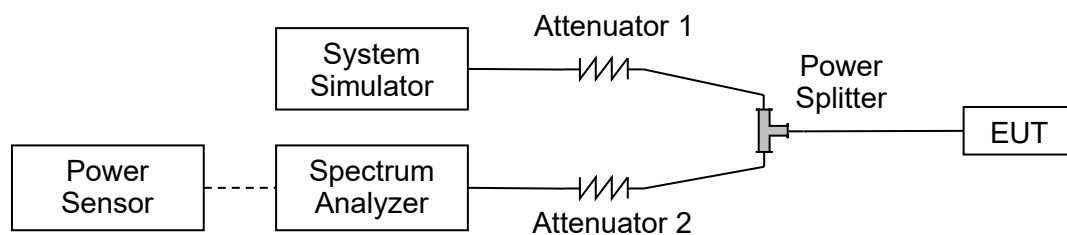
According to FCC section 96.41(b) for n48, the maximum effective isotropic radiated power (EIRP) and maximum Power Spectral Density (PSD) of any CBSD and End User Device must comply with the limits shown in the table as below. Paragraph

Device	Maximum EIRP (dBm/10 megahertz)	Maximum PSD (dBm/MHz)
End User Device	23	n/a
Category A CBSD	30	20
Category B CBSD ¹	47	37

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

2.1.3. Test procedure

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

2.1.4. Conducted Output Power



Worse case:

n2 (PC3)						
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	23.60	23.45	23.36
20		1	53	23.58	23.21	23.13
20		1	104	23.46	23.36	23.15
20		50	1	23.73	23.42	23.33
20		50	25	23.73	23.24	23.26
20		50	50	23.62	23.20	23.32
20		100	0	23.64	23.26	23.29
20	DFT-s-OFDM QPSK	1	1	23.65	23.75	23.41
20		1	53	23.67	23.56	23.21
20		1	104	23.19	23.38	23.28
20		50	1	23.64	23.73	23.38
20		50	25	23.63	23.64	23.32
20		50	50	23.60	23.22	23.14
20		100	0	23.60	23.62	23.24
20	DFT-s-OFDM 16QAM	1	1	23.20	23.05	22.94
20	DFT-s-OFDM 64QAM	1	1	21.94	21.82	21.62
20	DFT-s-OFDM 256QAM	1	1	19.86	19.67	19.49
20	CP-OFDM QPSK	1	1	23.02	22.80	22.65
20	CP-OFDM 16QAM	1	1	22.47	22.31	22.17
20	CP-OFDM 64QAM	1	1	20.12	20.43	20.38
20	CP-OFDM 256QAM	1	1	17.94	17.69	17.53
Channel				371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5
15	DFT-s-OFDM QPSK	1	1	23.45	23.70	23.25
Channel				371000	376000	381000
Frequency (MHz)				1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	23.47	23.73	23.23
Channel				370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5
5	DFT-s-OFDM QPSK	1	1	23.57	23.72	23.25

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	23.65	23.67	23.63
20		1	53	23.53	23.45	23.47
20		1	104	23.24	23.22	23.35
20		50	1	23.67	23.66	23.58
20		50	25	23.59	23.58	23.44
20		50	50	23.51	23.43	23.40
20		100	0	23.61	23.61	23.49
20	DFT-s-OFDM QPSK	1	1	23.65	23.68	23.62
20		1	53	23.45	23.52	23.47
20		1	104	23.26	23.28	23.25
20		50	1	23.60	23.62	23.54
20		50	25	23.61	23.60	23.54
20		50	50	23.51	23.48	23.37
20		100	0	23.51	23.60	23.51
20	DFT-s-OFDM 16QAM	1	1	23.46	23.31	23.23
20	DFT-s-OFDM 64QAM	1	1	21.77	21.73	21.68
20	DFT-s-OFDM 256QAM	1	1	19.73	19.65	19.55
20	CP-OFDM QPSK	1	1	22.86	22.77	22.70
20	CP-OFDM 16QAM	1	1	22.29	22.24	22.22
20	CP-OFDM 64QAM	1	1	20.52	20.34	20.12
20	CP-OFDM 256QAM	1	1	17.67	17.73	17.68
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM QPSK	1	1	23.44	23.45	23.27
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM QPSK	1	1	23.36	23.38	23.22
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM QPSK	1	1	23.42	23.44	23.09



n7(PC3)						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel				502000	507000	512000
Frequency (MHz)				2510	2535	2560
20	DFT-s-OFDM PI/2 BPSK	1	1	23.39	23.36	23.61
20		1	53	23.33	23.49	23.66
20		1	104	23.37	23.50	23.56
20		50	1	23.28	23.40	23.51
20		50	25	23.24	23.43	23.63
20		50	50	23.29	23.46	23.52
20		100	0	23.25	23.44	23.52
20	DFT-s-OFDM QPSK	1	1	23.42	23.53	23.68
20		1	53	23.31	23.47	23.59
20		1	104	23.40	23.52	23.66
20		50	1	23.41	23.50	23.65
20		50	25	23.23	23.37	23.59
20		50	50	23.30	23.39	23.58
20		100	0	23.30	23.41	23.61
20	DFT-s-OFDM 16QAM	1	1	22.99	23.03	23.27
20	DFT-s-OFDM 64QAM	1	1	21.42	21.43	21.74
20	DFT-s-OFDM 256QAM	1	1	19.05	19.06	19.31
20	CP-OFDM QPSK	1	1	22.36	22.44	22.67
20	CP-OFDM 16QAM	1	1	21.82	21.90	22.16
20	CP-OFDM 64QAM	1	1	20.17	20.15	20.43
20	CP-OFDM 256QAM	1	1	17.09	17.18	17.45
Channel				503000	507000	511000
Frequency (MHz)				2515	2535	2555
15	DFT-s-OFDM QPSK	1	1	23.24	23.28	23.52
Channel				502500	507000	511500
Frequency (MHz)				2512.5	2535	2557.5
10	DFT-s-OFDM QPSK	1	1	23.13	23.30	23.52
Channel				502000	507000	512000
Frequency (MHz)				2510	2535	2560
5	DFT-s-OFDM QPSK	1	1	23.22	23.25	23.49

n25(ANT5)						
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	23.67	23.68	23.42
20		1	53	23.78	23.50	23.33
20		1	104	23.57	23.32	23.35
20		50	1	23.80	23.63	23.38
20		50	25	23.72	23.53	23.46
20		50	50	23.67	23.46	23.46
20		100	0	23.72	23.47	23.41
20	DFT-s-OFDM QPSK	1	1	23.81	23.76	23.60
20		1	53	23.72	23.64	23.50
20		1	104	23.68	23.55	23.53
20		50	1	23.78	23.69	23.55
20		50	25	23.68	23.57	23.47
20		50	50	23.67	23.48	23.44
20		100	0	23.67	23.65	23.46
20	DFT-s-OFDM 16QAM	1	1	23.66	23.50	23.43
20	DFT-s-OFDM 64QAM	1	1	22.19	22.13	21.89
20	DFT-s-OFDM 256QAM	1	1	19.95	19.92	19.61
20	CP-OFDM QPSK	1	1	23.18	23.08	22.92
20	CP-OFDM 16QAM	1	1	22.33	22.16	22.12
20	CP-OFDM 64QAM	1	1	20.94	20.89	20.58
20	CP-OFDM 256QAM	1	1	17.94	17.83	17.67
Channel				373000	376500	380000
Frequency (MHz)				1865	1882.5	1900
15	DFT-s-OFDM QPSK	1	1	23.72	23.70	23.20
Channel				372500	376500	380500
Frequency (MHz)				1862.5	1882.5	1902.5
10	DFT-s-OFDM QPSK	1	1	23.72	23.55	22.98
Channel				372000	376500	381000
Frequency (MHz)				1860	1882.5	1905
5	DFT-s-OFDM QPSK	1	1	23.78	23.50	22.99



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	/	23.54	/
10		1	53	/	23.69	/
10		1	104	/	23.79	/
10		50	1	/	23.64	/
10		50	25	/	23.71	/
10		50	50	/	23.79	/
10		100	0	/	23.72	/
10	DFT-s-OFDM QPSK	1	1	/	23.90	/
10		1	53	/	23.71	/
10		1	104	/	23.81	/
10		50	1	/	23.86	/
10		50	25	/	23.68	/
10		50	50	/	23.75	/
10		100	0	/	23.84	/
10	DFT-s-OFDM 16QAM	1	1	/	23.17	/
10	DFT-s-OFDM 64QAM	1	1	/	21.95	/
10	DFT-s-OFDM 256QAM	1	1	/	19.83	/
10	CP-OFDM QPSK	1	1	/	22.87	/
10	CP-OFDM 16QAM	1	1	/	22.08	/
10	CP-OFDM 64QAM	1	1	/	20.78	/
10	CP-OFDM 256QAM	1	1	/	17.85	/
Channel				163300	163800	164300
Frequency (MHz)				816.5	819	821.5
5	DFT-s-OFDM QPSK	1	1	23.76	23.84	23.71



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	23.85	23.84	23.87
20		1	53	23.83	23.82	23.81
20		1	104	23.65	23.67	23.80
20		50	1	23.90	23.89	23.91
20		50	25	23.87	23.87	23.81
20		50	50	23.80	23.81	23.80
20		100	0	23.90	23.87	23.80
20	DFT-s-OFDM QPSK	1	1	23.90	23.94	23.86
20		1	53	23.82	23.86	23.76
20		1	104	23.69	23.70	23.87
20		50	1	23.89	23.91	23.88
20		50	25	23.89	23.81	23.82
20		50	50	23.84	23.79	23.77
20		100	0	23.87	23.91	23.83
20	DFT-s-OFDM 16QAM	1	1	23.80	23.81	23.76
20	DFT-s-OFDM 64QAM	1	1	22.30	22.32	22.29
20	DFT-s-OFDM 256QAM	1	1	20.23	20.35	20.31
20	CP-OFDM QPSK	1	1	23.28	23.29	23.25
20	CP-OFDM 16QAM	1	1	22.77	22.80	22.79
20	CP-OFDM 64QAM	1	1	21.12	21.15	21.11
20	CP-OFDM 256QAM	1	1	18.29	18.35	18.37
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM QPSK	1	1	23.84	23.86	23.77
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM QPSK	1	1	23.83	23.72	23.70
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM QPSK	1	1	23.79	23.75	23.54

n30 (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	/	23.34	/
10		1	53	/	23.46	/
10		1	104	/	23.38	/
10		50	1	/	23.48	/
10		50	25	/	23.49	/
10		50	50	/	23.43	/
10		100	0	/	23.48	/
10	DFT-s-OFDM QPSK	1	1	/	23.56	/
10		1	53	/	23.45	/
10		1	104	/	23.36	/
10		50	1	/	23.52	/
10		50	25	/	23.48	/
10		50	50	/	23.42	/
10		100	0	/	23.47	/
10	DFT-s-OFDM 16QAM	1	1	/	23.27	/
10	DFT-s-OFDM 64QAM	1	1	/	21.87	/
10	DFT-s-OFDM 256QAM	1	1	/	19.53	/
10	CP-OFDM QPSK	1	1	/	22.77	/
10	CP-OFDM 16QAM	1	1	/	22.24	/
10	CP-OFDM 64QAM	1	1	/	19.56	/
10	CP-OFDM 256QAM	1	1	/	17.55	/



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	26.18	26.47	26.54
100		1	136	26.45	26.51	26.45
100		1	271	26.57	26.56	26.61
100		135	1	26.28	26.40	26.36
100		135	67	26.51	26.57	26.50
100		135	136	26.41	26.36	26.29
100		270	0	26.43	26.55	26.46
100	DFT-s-OFDM QPSK	1	1	26.13	26.69	26.48
100		1	136	26.35	26.41	26.41
100		1	271	26.42	26.46	26.43
100		135	1	26.29	26.44	26.46
100		135	67	26.49	26.62	26.58
100		135	136	26.42	26.47	26.34
100		270	0	26.42	26.57	26.45
100	DFT-s-OFDM 16QAM	1	1	25.09	25.28	25.39
100	DFT-s-OFDM 64QAM	1	1	23.70	23.97	23.98
100	DFT-s-OFDM 256QAM	1	1	21.45	21.67	21.80
100	CP-OFDM QPSK	1	1	24.71	24.88	24.95
100	CP-OFDM 16QAM	1	1	24.20	24.45	24.54
100	CP-OFDM 64QAM	1	1	22.31	22.42	22.41
100	CP-OFDM 256QAM	1	1	19.52	19.80	19.84
Channel				508200	518598	528996
Frequency (MHz)				2541	2592.99	2644.98
90	DFT-s-OFDM QPSK	1	1	26.10	26.50	26.42
Channel				507204	518598	529998
Frequency (MHz)				2536.02	2592.99	2649.99
80	DFT-s-OFDM QPSK	1	1	26.17	26.56	26.48
Channel				506202	518598	531000
Frequency (MHz)				2531.01	2592.99	2655
70	DFT-s-OFDM QPSK	1	1	26.17	26.60	26.48
Channel				505200	518598	531996
Frequency (MHz)				2526	2592.99	2659.98
60	DFT-s-OFDM QPSK	1	1	26.22	26.57	26.53
Channel				504204	518598	532998
Frequency (MHz)				2521.02	2592.99	2664.99
50	DFT-s-OFDM QPSK	1	1	26.36	26.67	26.57
Channel				503202	518598	534000
Frequency (MHz)				2516.01	2592.99	2670



40	DFT-s-OFDM QPSK	1	1	26.34	26.65	26.62
Channel				502200	518598	534996
Frequency (MHz)				2511	2592.99	2674.98
30	DFT-s-OFDM QPSK	1	1	26.25	26.65	26.49
Channel				501204	518598	535998
Frequency (MHz)				2506.02	2592.99	2679.99
20	DFT-s-OFDM QPSK	1	1	26.32	26.64	26.54

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	23.72	23.82	23.95
100		1	136	23.87	23.83	23.78
100		1	271	23.84	23.76	23.46
100		135	1	23.82	23.95	23.92
100		135	67	23.90	23.83	23.82
100		135	136	23.95	23.89	23.44
100		270	0	23.87	23.91	23.87
100	DFT-s-OFDM QPSK	1	1	23.79	23.98	23.92
100		1	136	23.89	23.89	23.73
100		1	271	23.85	23.77	23.39
100		135	1	23.84	23.84	23.90
100		135	67	23.88	23.97	23.83
100		135	136	23.93	23.89	23.45
100		270	0	23.51	23.83	23.53
100	DFT-s-OFDM 16QAM	1	1	22.83	22.95	23.10
100	DFT-s-OFDM 64QAM	1	1	22.90	23.05	23.11
100	DFT-s-OFDM 256QAM	1	1	21.20	21.28	21.38
100	CP-OFDM QPSK	1	1	22.92	23.02	23.06
100	CP-OFDM 16QAM	1	1	22.99	23.06	23.17
100	CP-OFDM 64QAM	1	1	22.04	22.13	22.25
100	CP-OFDM 256QAM	1	1	19.34	19.36	19.41
Channel				508200	518598	528996
Frequency (MHz)				2541	2592.99	2644.98
90	DFT-s-OFDM QPSK	1	1	23.36	23.85	23.58
Channel				507204	518598	529998
Frequency (MHz)				2536.02	2592.99	2649.99
80	DFT-s-OFDM QPSK	1	1	23.36	23.85	23.58
Channel				506202	518598	531000
Frequency (MHz)				2531.01	2592.99	2655



70	DFT-s-OFDM QPSK	1	1	23.36	23.85	23.58
Channel				505200	518598	531996
Frequency (MHz)				2526	2592.99	2659.98
60	DFT-s-OFDM QPSK	1	1	23.36	23.85	23.58
Channel				504204	518598	532998
Frequency (MHz)				2521.02	2592.99	2664.99
50	DFT-s-OFDM QPSK	1	1	23.36	23.85	23.58
Channel				503202	518598	534000
Frequency (MHz)				2516.01	2592.99	2670
40	DFT-s-OFDM QPSK	1	1	23.36	23.85	23.58
Channel				502200	518598	534996
Frequency (MHz)				2511	2592.99	2674.98
30	DFT-s-OFDM QPSK	1	1	23.36	23.85	23.58
Channel				501204	518598	535998
Frequency (MHz)				2506.02	2592.99	2679.99
20	DFT-s-OFDM QPSK	1	1	23.36	23.85	23.58

n48 (PC3)						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel				638000	641666	645332
Frequency (MHz)				3570	3624.99	3679.98
40	DFT-s-OFDM PI/2 BPSK	1	1	22.51	22.28	22.05
40		1	53	22.45	21.66	22.19
40		1	104	22.22	21.96	22.48
40		50	1	22.49	21.96	22.09
40		50	25	22.47	21.76	22.22
40		50	50	22.25	21.77	22.21
40		100	0	22.36	21.82	22.16
40	DFT-s-OFDM QPSK	1	1	22.53	22.40	22.25
40		1	53	22.45	21.67	22.22
40		1	104	22.22	22.32	22.10
40		50	1	22.52	22.39	22.32
40		50	25	22.46	22.27	22.11
40		50	50	22.31	22.26	22.23
40		100	0	22.47	22.38	22.29
40	DFT-s-OFDM 16QAM	1	1	22.45	22.16	21.96
40	DFT-s-OFDM 64QAM	1	1	20.95	20.82	20.49
40	DFT-s-OFDM 256QAM	1	1	18.79	18.58	18.27
40	CP-OFDM QPSK	1	1	22.03	21.33	21.50
40	CP-OFDM 16QAM	1	1	21.52	21.44	21.05



40	CP-OFDM 64QAM	1	1	19.60	19.51	19.12
40	CP-OFDM 256QAM	1	1	16.82	16.55	16.38
Channel				637334	641666	646000
Frequency (MHz)				3560.01	3624.99	3690
20	DFT-s-OFDM QPSK	1	1	22.43	22.20	21.97

n66 (PC3)						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel				344000	349000	354000
Frequency (MHz)				1720	1745	1770
20	DFT-s-OFDM PI/2 BPSK	1	1	23.46	23.54	23.70
20		1	53	23.36	23.49	23.75
20		1	104	23.52	23.65	23.68
20		50	1	23.50	23.61	23.79
20		50	25	23.44	23.63	23.89
20		50	50	23.38	23.59	23.82
20		100	0	23.46	23.57	23.84
20	DFT-s-OFDM QPSK	1	1	23.85	23.86	24.00
20		1	53	23.57	23.67	23.98
20		1	104	23.54	23.75	23.93
20		50	1	23.81	23.89	23.96
20		50	25	23.61	23.81	23.95
20		50	50	23.62	23.70	23.89
20		100	0	23.72	23.92	23.95
20	DFT-s-OFDM 16QAM	1	1	23.25	23.33	23.42
20	DFT-s-OFDM 64QAM	1	1	21.79	21.82	22.09
20	DFT-s-OFDM 256QAM	1	1	19.51	19.58	19.82
20	CP-OFDM QPSK	1	1	22.74	22.82	22.95
20	CP-OFDM 16QAM	1	1	22.16	22.30	22.43
20	CP-OFDM 64QAM	1	1	20.46	20.60	20.63
20	CP-OFDM 256QAM	1	1	17.54	17.68	17.78
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	23.57	23.65	23.93
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	23.48	23.60	23.75
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	23.53	23.62	23.79



n71 (PC3)						
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	23.49	23.48	23.57
20		1	53	23.48	23.61	23.65
20		1	104	23.55	23.63	23.46
20		50	1	23.58	23.58	23.61
20		50	25	23.51	23.62	23.57
20		50	50	23.53	23.65	23.62
20		100	0	23.58	23.56	23.53
20	DFT-s-OFDM QPSK	1	1	23.75	23.73	23.79
20		1	53	23.43	23.54	23.60
20		1	104	23.48	23.52	23.38
20		50	1	23.57	23.63	23.72
20		50	25	23.53	23.58	23.59
20		50	50	23.58	23.55	23.58
20		100	0	23.56	23.52	23.67
20	DFT-s-OFDM 16QAM	1	1	23.20	23.05	23.17
20	DFT-s-OFDM 64QAM	1	1	21.68	21.62	21.72
20	DFT-s-OFDM 256QAM	1	1	19.29	19.25	19.23
20	CP-OFDM QPSK	1	1	22.79	22.70	22.67
20	CP-OFDM 16QAM	1	1	22.19	22.05	22.07
20	CP-OFDM 64QAM	1	1	20.36	20.59	20.66
20	CP-OFDM 256QAM	1	1	17.30	17.24	17.35
Channel				134100	136100	138100
Frequency (MHz)				670.5	680.5	690.5
15	DFT-s-OFDM QPSK	1	1	23.52	23.45	23.65
Channel				133600	136100	138600
Frequency (MHz)				668	680.5	693
10	DFT-s-OFDM QPSK	1	1	23.61	23.55	23.63
Channel				133100	136100	139100
Frequency (MHz)				665.5	680.5	695.5
5	DFT-s-OFDM QPSK	1	1	23.53	23.54	23.55



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	/	25.51	/
100		1	136	/	25.28	/
100		1	271	/	25.16	/
100		135	1	/	24.90	/
100		135	67	/	24.96	/
100		135	136	/	24.71	/
100		270	0	/	24.96	/
100	DFT-s-OFDM QPSK	1	1	/	25.60	/
100		1	136	/	25.32	/
100		1	271	/	24.97	/
100		135	1	/	25.07	/
100		135	67	/	25.51	/
100		135	136	/	25.17	/
100		270	0	/	25.43	/
100	DFT-s-OFDM 16QAM	1	1	/	24.08	/
100	DFT-s-OFDM 64QAM	1	1	/	22.71	/
100	DFT-s-OFDM 256QAM	1	1	/	20.51	/
100	CP-OFDM QPSK	1	1	/	23.71	/
100	CP-OFDM 16QAM	1	1	/	23.30	/
100	CP-OFDM 64QAM	1	1	/	21.14	/
100	CP-OFDM 256QAM	1	1	/	18.65	/
Channel				632668	633334	634000
Frequency (MHz)				3490.02	3500.01	3510
80	DFT-s-OFDM QPSK	1	1	25.29	25.46	25.03
Channel				632000	633334	634666
Frequency (MHz)				3480	3500.01	3519.99
60	DFT-s-OFDM QPSK	1	1	25.29	25.46	25.03
Channel				631334	633334	635332
Frequency (MHz)				3470.01	3500.01	3529.98
40	DFT-s-OFDM QPSK	1	1	25.29	25.46	25.03
Channel				631000	633334	635666
Frequency (MHz)				3465	3500.01	3534.99
30	DFT-s-OFDM QPSK	1	1	25.29	25.46	25.03
Channel				630668	633334	636000
Frequency (MHz)				3460.02	3500.01	3540
20	DFT-s-OFDM QPSK	1	1	25.29	25.46	25.03



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	24.95	25.13	24.70
100		1	136	25.44	24.80	24.68
100		1	271	25.41	25.40	25.49
100		135	1	25.03	25.27	24.96
100		135	67	25.43	24.84	25.50
100		135	136	24.85	24.75	25.39
100		270	0	24.85	24.70	24.60
100	DFT-s-OFDM QPSK	1	1	25.49	25.37	25.46
100		1	136	25.40	24.94	24.81
100		1	271	24.44	24.65	24.94
100		135	1	24.64	24.94	24.99
100		135	67	25.44	25.32	25.23
100		135	136	24.83	24.94	25.39
100		270	0	25.34	25.36	25.27
100	DFT-s-OFDM 16QAM	1	1	23.54	23.68	23.12
100	DFT-s-OFDM 64QAM	1	1	22.20	22.28	21.77
100	DFT-s-OFDM 256QAM	1	1	19.92	19.96	19.57
100	CP-OFDM QPSK	1	1	23.18	23.15	22.76
100	CP-OFDM 16QAM	1	1	22.68	22.65	22.28
100	CP-OFDM 64QAM	1	1	21.55	21.50	20.86
100	CP-OFDM 256QAM	1	1	17.99	17.99	17.61
Channel				649334	656000	662666
Frequency (MHz)				3740.01	3840	3939.99
80	DFT-s-OFDM QPSK	1	1	25.12	25.08	25.03
Channel				648668	656000	663332
Frequency (MHz)				3730.02	3840	3949.98
60	DFT-s-OFDM QPSK	1	1	25.12	25.08	25.03
Channel				648000	656000	664000
Frequency (MHz)				3720	3840	3960
40	DFT-s-OFDM QPSK	1	1	25.12	25.08	25.03
Channel				647668	656000	664332
Frequency (MHz)				3715.02	3840	3964.98
30	DFT-s-OFDM QPSK	1	1	25.12	25.08	25.03
Channel				647334	656000	664666
Frequency (MHz)				3710.01	3840	3969.99



20	DFT-s-OFDM QPSK	1	1	25.12	25.08	25.03
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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	/	22.37	/
100		1	136	/	22.02	/
100		1	271	/	22.13	/
100		135	1	/	22.17	/
100		135	67	/	22.13	/
100		135	136	/	21.83	/
100		270	0	/	22.19	/
100	DFT-s-OFDM QPSK	1	1	/	22.47	/
100		1	136	/	22.08	/
100		1	271	/	22.20	/
100		135	1	/	22.20	/
100		135	67	/	22.38	/
100		135	136	/	21.88	/
100		270	0	/	22.29	/
100	DFT-s-OFDM 16QAM	1	1	/	22.03	/
100	DFT-s-OFDM 64QAM	1	1	/	21.46	/
100	DFT-s-OFDM 256QAM	1	1	/	20.44	/
100	CP-OFDM QPSK	1	1	/	22.15	/
100	CP-OFDM 16QAM	1	1	/	22.13	/
100	CP-OFDM 64QAM	1	1	/	21.23	/
100	CP-OFDM 256QAM	1	1	/	18.44	/
Channel				632668	633334	634000
Frequency (MHz)				3490.02	3500.01	3510
80	DFT-s-OFDM QPSK	1	1	22.16	22.35	22.09
Channel				632000	633334	634666
Frequency (MHz)				3480	3500.01	3519.99
60	DFT-s-OFDM QPSK	1	1	22.16	22.35	22.09
Channel				631334	633334	635332
Frequency (MHz)				3470.01	3500.01	3529.98
40	DFT-s-OFDM QPSK	1	1	22.16	22.35	22.09
Channel				631000	633334	635666
Frequency (MHz)				3465	3500.01	3534.99
30	DFT-s-OFDM QPSK	1	1	22.16	22.35	22.09
Channel				630668	633334	636000



Frequency (MHz)				3460.02	3500.01	3540
20	DFT-s-OFDM QPSK	1	1	22.16	22.35	22.09

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	21.75	22.18	22.22
100		1	136	22.42	21.90	22.20
100		1	271	22.22	22.00	22.10
100		135	1	22.35	21.94	22.17
100		135	67	22.26	21.99	22.26
100		135	136	22.15	21.68	22.27
100		270	0	22.18	21.93	22.26
100	DFT-s-OFDM QPSK	1	1	22.44	22.30	22.35
100		1	136	22.39	21.88	22.19
100		1	271	22.23	22.41	22.19
100		135	1	21.99	22.32	22.07
100		135	67	22.23	22.38	22.24
100		135	136	22.11	22.02	22.27
100		270	0	22.11	22.02	22.28
100	DFT-s-OFDM 16QAM	1	1	21.56	21.55	21.40
100	DFT-s-OFDM 64QAM	1	1	21.52	21.57	21.35
100	DFT-s-OFDM 256QAM	1	1	19.97	20.41	20.06
100	CP-OFDM QPSK	1	1	21.64	21.59	21.54
100	CP-OFDM 16QAM	1	1	21.74	21.66	21.62
100	CP-OFDM 64QAM	1	1	20.77	20.75	20.80
100	CP-OFDM 256QAM	1	1	17.90	18.36	17.82
Channel				649334	656000	662666
Frequency (MHz)				3740.01	3840	3939.99
80	DFT-s-OFDM QPSK	1	1	21.98	21.90	22.07
Channel				648668	656000	663332
Frequency (MHz)				3730.02	3840	3949.98
60	DFT-s-OFDM QPSK	1	1	21.84	21.80	21.97
Channel				648000	656000	664000
Frequency (MHz)				3720	3840	3960
40	DFT-s-OFDM QPSK	1	1	22.12	21.87	22.23
Channel				647668	656000	664332
Frequency (MHz)				3715.02	3840	3964.98
30	DFT-s-OFDM QPSK	1	1	21.98	21.87	22.32



Channel				647334	656000	664666
Frequency (MHz)				3710.01	3840	3969.99
20	DFT-s-OFDM QPSK	1	1	21.92	21.94	22.16

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	/	25.38	/
100		1	136	/	25.24	/
100		1	271	/	25.21	/
100		135	1	/	24.96	/
100		135	67	/	25.13	/
100		135	136	/	24.92	/
100		270	0	/	25.07	/
100	DFT-s-OFDM QPSK	1	1	/	25.51	/
100		1	136	/	25.42	/
100		1	271	/	25.15	/
100		135	1	/	25.02	/
100		135	67	/	25.46	/
100		135	136	/	25.13	/
100		270	0	/	25.43	/
100	DFT-s-OFDM 16QAM	1	1	/	23.74	/
100	DFT-s-OFDM 64QAM	1	1	/	22.50	/
100	DFT-s-OFDM 256QAM	1	1	/	20.20	/
100	CP-OFDM QPSK	1	1	/	23.43	/
100	CP-OFDM 16QAM	1	1	/	22.91	/
100	CP-OFDM 64QAM	1	1	/	21.85	/
100	CP-OFDM 256QAM	1	1	/	18.22	/
Channel				633000	633334	633666
Frequency (MHz)				3495	3500.01	3504.99
90	DFT-s-OFDM QPSK	1	1	25.10	25.33	25.08
Channel				632668	633334	634000
Frequency (MHz)				3490.02	3500.01	3510
80	DFT-s-OFDM QPSK	1	1	25.10	25.33	25.08
Channel				632334	633334	634332
Frequency (MHz)				3485.01	3500.01	3514.98
70	DFT-s-OFDM QPSK	1	1	25.10	25.33	25.08
Channel				632000	633334	634666
Frequency (MHz)				3480	3500.01	3519.99



60	DFT-s-OFDM QPSK	1	1	25.10	25.33	25.08
Channel				631668	633334	635000
Frequency (MHz)				3475.02	3500.01	3525
50	DFT-s-OFDM QPSK	1	1	25.10	25.33	25.08
Channel				631334	633334	635332
Frequency (MHz)				3470.01	3500.01	3529.98
40	DFT-s-OFDM QPSK	1	1	25.10	25.33	25.08
Channel				631000	633334	635666
Frequency (MHz)				3465	3500.01	3534.99
30	DFT-s-OFDM QPSK	1	1	25.10	25.33	25.08
Channel				630668	633334	636000
Frequency (MHz)				3460.02	3500.01	3540
20	DFT-s-OFDM QPSK	1	1	25.10	25.33	25.08

n78(3700-3800MHz)(PC2)						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel				/	650000	/
Frequency (MHz)				/	3750.00	/
100	DFT-s-OFDM PI/2 BPSK	1	1	/	25.29	/
100		1	136	/	25.13	/
100		1	271	/	25.24	/
100		135	1	/	25.17	/
100		135	67	/	25.21	/
100		135	136	/	25.18	/
100		270	0	/	24.96	/
100	DFT-s-OFDM QPSK	1	1	/	25.41	/
100		1	136	/	25.14	/
100		1	271	/	25.03	/
100		135	1	/	24.95	/
100		135	67	/	25.38	/
100		135	136	/	25.15	/
100		270	0	/	25.29	/
100	DFT-s-OFDM 16QAM	1	1	/	23.44	/
100	DFT-s-OFDM 64QAM	1	1	/	22.30	/
100	DFT-s-OFDM 256QAM	1	1	/	19.79	/
100	CP-OFDM QPSK	1	1	/	23.35	/
100	CP-OFDM 16QAM	1	1	/	22.43	/
100	CP-OFDM 64QAM	1	1	/	20.26	/
100	CP-OFDM 256QAM	1	1	/	17.77	/
Channel				649668	650000	650332



Frequency (MHz)				3745.02	3750	3754.98
90	DFT-s-OFDM QPSK	1	1	24.85	25.26	25.06
Channel				649334	650000	650666
Frequency (MHz)				3740.01	3750	3759.99
80	DFT-s-OFDM QPSK	1	1	24.85	25.26	25.06
Channel				649000	650000	651000
Frequency (MHz)				3735	3750	3765
70	DFT-s-OFDM QPSK	1	1	24.85	25.26	25.06
Channel				648668	650000	651332
Frequency (MHz)				3730.02	3750	3769.98
60	DFT-s-OFDM QPSK	1	1	24.85	25.26	25.06
Channel				648334	650000	651666
Frequency (MHz)				3725.01	3750	3774.99
50	DFT-s-OFDM QPSK	1	1	24.85	25.26	25.06
Channel				648000	650000	652000
Frequency (MHz)				3720	3750	3780
40	DFT-s-OFDM QPSK	1	1	24.85	25.26	25.06
Channel				647668	650000	652332
Frequency (MHz)				3715.02	3750	3784.98
30	DFT-s-OFDM QPSK	1	1	24.85	25.26	25.06
Channel				647334	650000	652666
Frequency (MHz)				3710.01	3750	3789.99
20	DFT-s-OFDM QPSK	1	1	24.85	25.26	25.06

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	/	22.41	/
100		1	136	/	22.34	/
100		1	271	/	22.29	/
100		135	1	/	22.34	/
100		135	67	/	22.39	/
100		135	136	/	22.31	/
100		270	0	/	22.35	/
100	DFT-s-OFDM QPSK	1	1	/	22.45	/
100		1	136	/	22.33	/
100		1	271	/	22.30	/
100		135	1	/	22.34	/
100		135	67	/	22.41	/
100		135	136	/	22.32	/
100		270	0	/	22.32	/
100	DFT-s-OFDM	1	1	/	21.51	/



	16QAM					
100	DFT-s-OFDM 64QAM	1	1	/	21.63	/
100	DFT-s-OFDM 256QAM	1	1	/	19.79	/
100	CP-OFDM QPSK	1	1	/	21.50	/
100	CP-OFDM 16QAM	1	1	/	21.61	/
100	CP-OFDM 64QAM	1	1	/	20.65	/
100	CP-OFDM 256QAM	1	1	/	17.82	/
Channel				633000	633334	633666
Frequency (MHz)				3495	3500.01	3504.99
90	DFT-s-OFDM QPSK	1	1	22.05	22.25	22.04
Channel				632668	633334	634000
Frequency (MHz)				3490.02	3500.01	3510
80	DFT-s-OFDM QPSK	1	1	22.05	22.25	22.04
Channel				632334	633334	634332
Frequency (MHz)				3485.01	3500.01	3514.98
70	DFT-s-OFDM QPSK	1	1	22.05	22.25	22.04
Channel				632000	633334	634666
Frequency (MHz)				3480	3500.01	3519.99
60	DFT-s-OFDM QPSK	1	1	22.05	22.25	22.04
Channel				631668	633334	635000
Frequency (MHz)				3475.02	3500.01	3525
50	DFT-s-OFDM QPSK	1	1	22.05	22.25	22.04
Channel				631334	633334	635332
Frequency (MHz)				3470.01	3500.01	3529.98
40	DFT-s-OFDM QPSK	1	1	22.05	22.25	22.04
Channel				631000	633334	635666
Frequency (MHz)				3465	3500.01	3534.99
30	DFT-s-OFDM QPSK	1	1	22.05	22.25	22.04
Channel				630668	633334	636000
Frequency (MHz)				3460.02	3500.01	3540
20	DFT-s-OFDM QPSK	1	1	22.05	22.25	22.04

n78(3700-3800MHz)(PC3)						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel				/	650000	/
Frequency (MHz)				/	3750.00	/
100	DFT-s-OFDM PI/2 BPSK	1	1	/	22.28	/
100		1	136	/	22.14	/
100		1	271	/	22.20	/
100		135	1	/	22.20	/
100		135	67	/	22.11	/



100	DFT-s-OFDM QPSK	135	136	/	22.08	/
100		270	0	/	21.90	/
100		1	1	/	22.49	/
100		1	136	/	22.18	/
100		1	271	/	22.28	/
100		135	1	/	22.11	/
100		135	67	/	22.40	/
100		135	136	/	22.24	/
100		270	0	/	22.38	/
100	DFT-s-OFDM 16QAM	1	1	/	21.56	/
100	DFT-s-OFDM 64QAM	1	1	/	21.62	/
100	DFT-s-OFDM 256QAM	1	1	/	19.78	/
100	CP-OFDM QPSK	1	1	/	21.51	/
100	CP-OFDM 16QAM	1	1	/	21.55	/
100	CP-OFDM 64QAM	1	1	/	20.53	/
100	CP-OFDM 256QAM	1	1	/	17.76	/
Channel				649668	650000	650332
Frequency (MHz)				3745.02	3750	3754.98
90	DFT-s-OFDM QPSK	1	1	22.28	22.30	22.16
Channel				649334	650000	650666
Frequency (MHz)				3740.01	3750	3759.99
80	DFT-s-OFDM QPSK	1	1	22.28	22.30	22.16
Channel				649000	650000	651000
Frequency (MHz)				3735	3750	3765
70	DFT-s-OFDM QPSK	1	1	22.28	22.30	22.16
Channel				648668	650000	651332
Frequency (MHz)				3730.02	3750	3769.98
60	DFT-s-OFDM QPSK	1	1	22.28	22.30	22.16
Channel				648334	650000	651666
Frequency (MHz)				3725.01	3750	3774.99
50	DFT-s-OFDM QPSK	1	1	22.28	22.30	22.16
Channel				648000	650000	652000
Frequency (MHz)				3720	3750	3780
40	DFT-s-OFDM QPSK	1	1	22.28	22.30	22.16
Channel				647668	650000	652332
Frequency (MHz)				3715.02	3750	3784.98
30	DFT-s-OFDM QPSK	1	1	22.28	22.30	22.16
Channel				647334	650000	652666
Frequency (MHz)				3710.01	3750	3789.99
20	DFT-s-OFDM QPSK	1	1	22.28	22.30	22.16



DC_5A_n2 (PC3)						
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	23.45	23.43	23.26
20		1	53	23.46	23.32	23.23
20		1	104	23.47	23.24	23.25
20		50	1	23.17	23.09	22.91
20		50	25	23.47	23.49	23.29
20		50	50	23.18	23.14	23.08
20		100	0	23.19	23.27	23.12
20		1	1	23.34	23.56	23.12
20	DFT-s-OFDM QPSK	1	53	23.39	23.17	23.14
20		1	104	23.34	23.12	23.19
20		50	1	22.53	22.53	22.26
20		50	25	23.53	23.30	23.25
20		50	50	23.05	22.87	22.77
20		100	0	23.05	22.90	22.77
20	DFT-s-OFDM 16QAM	1	1	22.04	22.04	22.03
20	DFT-s-OFDM 64QAM	1	1	20.79	20.79	20.76
20	DFT-s-OFDM 256QAM	1	1	18.83	18.82	18.52
20	CP-OFDM QPSK	1	1	21.83	21.79	21.52
20	CP-OFDM 16QAM	1	1	21.09	21.04	20.72
20	CP-OFDM 64QAM	1	1	19.79	19.81	19.60
20	CP-OFDM 256QAM	1	1	17.02	16.92	16.67
Channel				371500	376000	380500
Frequency (MHz)				1857.5	1880	1902.5
15	DFT-s-OFDM QPSK	1	1	23.37	23.48	23.25
Channel				371000	376000	381000
Frequency (MHz)				1855	1880	1905
10	DFT-s-OFDM QPSK	1	1	23.37	23.48	23.25
Channel				370500	376000	381500
Frequency (MHz)				1852.5	1880	1907.5
5	DFT-s-OFDM QPSK	1	1	23.37	23.48	23.25



DC_48A_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	23.55	23.53	23.56
20		1	53	23.41	23.35	23.42
20		1	104	23.22	23.12	23.19
20		50	1	23.62	23.52	23.46
20		50	25	23.57	23.46	23.45
20		50	50	23.47	23.39	23.30
20		100	0	23.55	23.47	23.36
20		1	1	23.53	23.66	23.52
20	DFT-s-OFDM QPSK	1	53	23.40	23.39	23.44
20		1	104	23.20	23.13	23.17
20		50	1	23.62	23.56	23.44
20		50	25	23.50	23.49	23.36
20		50	50	23.44	23.34	23.30
20		100	0	23.53	23.46	23.38
20	DFT-s-OFDM 16QAM	1	1	23.61	23.63	23.62
20	DFT-s-OFDM 64QAM	1	1	22.10	22.11	22.09
20	DFT-s-OFDM 256QAM	1	1	20.29	20.32	20.29
20	CP-OFDM QPSK	1	1	23.14	23.13	23.11
20	CP-OFDM 16QAM	1	1	22.61	22.63	22.58
20	CP-OFDM 64QAM	1	1	21.24	21.26	21.24
20	CP-OFDM 256QAM	1	1	18.32	18.34	18.30
Channel				166300	167300	168300
Frequency (MHz)				831.5	836.5	841.5
15	DFT-s-OFDM QPSK	1	1	23.54	23.55	23.38
Channel				165800	167300	168800
Frequency (MHz)				829	836.5	844
10	DFT-s-OFDM QPSK	1	1	23.54	23.55	23.38
Channel				165300	167300	169300
Frequency (MHz)				826.5	836.5	846.5
5	DFT-s-OFDM QPSK	1	1	23.54	23.55	23.38



DC_66A_n25 (PC3)						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel				374000	376500	379000
Frequency (MHz)				1870	1882.5	1895
20	DFT-s-OFDM PI/2 BPSK	1	1	23.47	23.30	23.14
20		1	53	23.27	23.40	23.37
20		1	104	22.77	22.56	23.00
20		50	1	23.31	23.44	23.37
20		50	25	23.01	23.29	23.24
20		50	50	23.11	23.02	23.31
20		100	0	23.05	23.28	23.46
20	DFT-s-OFDM QPSK	1	1	23.50	23.36	23.12
20		1	53	22.93	23.28	23.37
20		1	104	23.37	23.27	23.03
20		50	1	23.28	23.49	23.45
20		50	25	23.04	23.35	23.24
20		50	50	23.11	23.00	23.46
20		100	0	23.09	23.22	23.45
20	DFT-s-OFDM 16QAM	1	1	23.21	22.99	23.42
20	DFT-s-OFDM 64QAM	1	1	22.03	21.44	21.45
20	DFT-s-OFDM 256QAM	1	1	20.02	19.39	19.33
20	CP-OFDM QPSK	1	1	23.06	22.46	22.50
20	CP-OFDM 16QAM	1	1	22.58	21.95	21.72
20	CP-OFDM 64QAM	1	1	21.04	20.46	20.22
20	CP-OFDM 256QAM	1	1	17.99	17.40	17.13
Channel				371500	376500	381500
Frequency (MHz)				1857.5	1882.5	1907.5
15	DFT-s-OFDM QPSK	1	1	23.57	23.19	23.23
Channel				371000	376500	382000
Frequency (MHz)				1855	1882.5	1910
10	DFT-s-OFDM QPSK	1	1	23.57	23.19	23.23
Channel				370500	376500	382500
Frequency (MHz)				1852.5	1882.5	1912.5
5	DFT-s-OFDM QPSK	1	1	23.57	23.19	23.23



DC_5A_n41						
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	23.24	23.19
100		1	136	23.20	23.33	23.14
100		1	271	23.35	23.44	23.07
100		135	1	23.08	23.27	23.15
100		135	67	23.18	23.45	23.19
100		135	136	23.34	23.40	23.02
100		270	0	23.21	23.44	23.32
100	DFT-s-OFDM QPSK	1	1	23.13	23.53	23.18
100		1	136	23.18	23.22	23.10
100		1	271	23.36	23.34	23.02
100		135	1	23.09	23.29	23.23
100		135	67	23.15	23.35	23.16
100		135	136	23.26	23.38	23.08
100		270	0	23.26	23.26	23.23
100	DFT-s-OFDM 16QAM	1	1	22.73	22.91	23.14
100	DFT-s-OFDM 64QAM	1	1	22.78	22.98	23.22
100	DFT-s-OFDM 256QAM	1	1	21.36	21.50	21.48
100	CP-OFDM QPSK	1	1	22.74	22.95	23.16
100	CP-OFDM 16QAM	1	1	22.78	22.89	23.26
100	CP-OFDM 64QAM	1	1	22.58	22.53	22.80
100	CP-OFDM 256QAM	1	1	19.55	19.73	19.70
Channel				508200	518598	528996
Frequency (MHz)				2541	2592.99	2644.98
90	DFT-s-OFDM QPSK	1	1	23.10	23.26	23.07
Channel				507204	518598	529998
Frequency (MHz)				2536.02	2592.99	2649.99
80	DFT-s-OFDM QPSK	1	1	23.10	23.26	23.07
Channel				506202	518598	531000
Frequency (MHz)				2531.01	2592.99	2655
70	DFT-s-OFDM QPSK	1	1	23.10	23.26	23.07
Channel				505200	518598	531996
Frequency (MHz)				2526	2592.99	2659.98
60	DFT-s-OFDM QPSK	1	1	23.10	23.26	23.07
Channel				504204	518598	532998
Frequency (MHz)				2521.02	2592.99	2664.99
50	DFT-s-OFDM QPSK	1	1	23.10	23.26	23.07
Channel				503202	518598	534000
Frequency (MHz)				2516.01	2592.99	2670



40	DFT-s-OFDM QPSK	1	1	23.10	23.26	23.07
Channel				502200	518598	534996
Frequency (MHz)				2511	2592.99	2674.98
30	DFT-s-OFDM QPSK	1	1	23.10	23.26	23.07
Channel				501204	518598	535998
Frequency (MHz)				2506.02	2592.99	2679.99
20	DFT-s-OFDM QPSK	1	1	23.10	23.26	23.07

DC_13A_n66 (PC3)						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel				346000	349000	352000
Frequency (MHz)				1730	1745	1760
20	DFT-s-OFDM PI/2 BPSK	1	1	23.45	23.65	23.57
20		1	53	23.52	23.61	23.44
20		1	104	23.57	23.55	23.40
20		50	1	23.06	23.17	23.06
20		50	25	23.59	23.60	23.54
20		50	50	23.01	23.10	23.01
20		100	0	23.05	23.07	23.01
20	DFT-s-OFDM QPSK	1	1	23.50	23.66	23.56
20		1	53	23.55	23.51	23.43
20		1	104	23.55	23.51	23.43
20		50	1	23.45	23.58	23.46
20		50	25	23.60	23.57	23.53
20		50	50	23.46	23.50	23.42
20		100	0	23.43	23.48	23.43
20	DFT-s-OFDM 16QAM	1	1	22.56	22.74	22.62
20	DFT-s-OFDM 64QAM	1	1	21.01	21.22	21.10
20	DFT-s-OFDM 256QAM	1	1	19.03	19.20	19.04
20	CP-OFDM QPSK	1	1	22.01	22.17	22.09
20	CP-OFDM 16QAM	1	1	21.54	21.71	21.53
20	CP-OFDM 64QAM	1	1	20.06	20.22	20.22
20	CP-OFDM 256QAM	1	1	17.07	17.13	17.10
Channel				343500	349000	354500
Frequency (MHz)				1717.5	1745	1772.5
15	DFT-s-OFDM QPSK	1	1	23.53	23.64	23.56
Channel				343000	349000	355000
Frequency (MHz)				1715	1745	1775
10	DFT-s-OFDM QPSK	1	1	23.53	23.64	23.56
Channel				342500	349000	355500
Frequency (MHz)				1712.5	1745	1777.5
5	DFT-s-OFDM QPSK	1	1	23.53	23.64	23.56



DC_2A_n71 (PC3)						
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	23.24	23.17	23.33
20		1	53	23.18	23.40	23.33
20		1	104	23.33	23.28	23.19
20		50	1	23.23	23.29	23.35
20		50	25	23.19	23.33	23.42
20		50	50	23.24	23.35	23.30
20		100	0	23.25	23.28	23.26
20	DFT-s-OFDM QPSK	1	1	23.21	23.18	23.48
20		1	53	23.16	23.39	23.36
20		1	104	23.35	23.30	23.15
20		50	1	23.22	23.31	23.34
20		50	25	23.21	23.31	23.40
20		50	50	23.29	23.36	23.30
20		100	0	23.27	23.26	23.27
20	DFT-s-OFDM 16QAM	1	1	23.32	23.25	23.37
20	DFT-s-OFDM 64QAM	1	1	21.78	21.73	21.88
20	DFT-s-OFDM 256QAM	1	1	19.52	19.47	19.60
20	CP-OFDM QPSK	1	1	22.78	22.72	22.85
20	CP-OFDM 16QAM	1	1	22.30	22.27	22.39
20	CP-OFDM 64QAM	1	1	20.81	20.78	20.91
20	CP-OFDM 256QAM	1	1	17.66	17.62	17.74
Channel				134100	136100	138100
Frequency (MHz)				670.5	680.5	690.5
15	DFT-s-OFDM QPSK	1	1	23.22	23.15	23.32
Channel				133600	136100	138600
Frequency (MHz)				668	680.5	693
10	DFT-s-OFDM QPSK	1	1	23.22	23.15	23.32
Channel				133100	136100	139100
Frequency (MHz)				665.5	680.5	695.5
5	DFT-s-OFDM QPSK	1	1	23.22	23.15	23.32

DC_41A_n77(3700-3980MHz)						
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	1	1	/	24.85	/



100	BPSK	1	136	/	24.98	/
100		1	271	/	25.13	/
100		135	1	/	24.67	/
100		135	67	/	24.99	/
100		135	136	/	24.56	/
100		270	0	/	24.79	/
100	DFT-s-OFDM QPSK	1	1	/	25.15	/
100		1	136	/	24.96	/
100		1	271	/	25.10	/
100		135	1	/	24.73	/
100		135	67	/	25.02	/
100		135	136	/	24.67	/
100		270	0	/	24.61	/
100	DFT-s-OFDM 16QAM	1	1	/	23.77	/
100	DFT-s-OFDM 64QAM	1	1	/	22.31	/
100	DFT-s-OFDM 256QAM	1	1	/	20.40	/
100	CP-OFDM QPSK	1	1	/	23.30	/
100	CP-OFDM 16QAM	1	1	/	22.74	/
100	CP-OFDM 64QAM	1	1	/	21.35	/
100	CP-OFDM 256QAM	1	1	/	18.35	/
Channel				632668	633334	634000
Frequency (MHz)				3490.02	3500.01	3510
80	DFT-s-OFDM QPSK	1	1	24.82	25.00	24.76
Channel				632000	633334	634666
Frequency (MHz)				3480	3500.01	3519.99
60	DFT-s-OFDM QPSK	1	1	24.82	25.00	24.76
Channel				631334	633334	635332
Frequency (MHz)				3470.01	3500.01	3529.98
40	DFT-s-OFDM QPSK	1	1	24.82	25.00	24.76
Channel				631000	633334	635666
Frequency (MHz)				3465	3500.01	3534.99
30	DFT-s-OFDM QPSK	1	1	24.82	25.00	24.76
Channel				630668	633334	636000
Frequency (MHz)				3460.02	3500.01	3540
20	DFT-s-OFDM QPSK	1	1	24.82	25.00	24.76

DC_41A_n77(3700-3980MHz)						
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	1	1	24.63	25.02	24.78
100	BPSK	1	136	25.10	25.09	25.00



100		1	271	25.09	24.75	25.21
100		135	1	24.70	24.73	24.85
100		135	67	25.06	25.22	24.94
100		135	136	24.80	24.09	24.75
100		270	0	24.70	24.77	24.50
100	DFT-s-OFDM QPSK	1	1	24.62	25.24	24.77
100		1	136	25.16	25.05	24.81
100		1	271	25.18	24.84	25.07
100		135	1	24.59	24.74	24.83
100		135	67	25.23	25.22	24.88
100		135	136	24.62	24.59	24.57
100		270	0	24.57	24.74	24.49
100	DFT-s-OFDM 16QAM	1	1	23.60	23.58	23.45
100	DFT-s-OFDM 64QAM	1	1	22.46	22.76	22.32
100	DFT-s-OFDM 256QAM	1	1	20.21	20.30	19.96
100	CP-OFDM QPSK	1	1	23.32	23.36	23.08
100	CP-OFDM 16QAM	1	1	22.98	23.22	22.79
100	CP-OFDM 64QAM	1	1	21.39	21.50	21.22
100	CP-OFDM 256QAM	1	1	18.00	18.28	17.98
Channel				632668	633334	634000
Frequency (MHz)				3490.02	3500.01	3510
80	DFT-s-OFDM QPSK	1	1	24.85	25.03	24.62
Channel				632000	633334	634666
Frequency (MHz)				3480	3500.01	3519.99
60	DFT-s-OFDM QPSK	1	1	24.85	25.03	24.62
Channel				631334	633334	635332
Frequency (MHz)				3470.01	3500.01	3529.98
40	DFT-s-OFDM QPSK	1	1	24.85	25.03	24.62
Channel				631000	633334	635666
Frequency (MHz)				3465	3500.01	3534.99
30	DFT-s-OFDM QPSK	1	1	24.85	25.03	24.62
Channel				630668	633334	636000
Frequency (MHz)				3460.02	3500.01	3540
20	DFT-s-OFDM QPSK	1	1	24.85	25.03	24.62

DC_7A_n78(3450-3550MHz)						
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	/	26.30	/
100		1	136	/	26.32	/
100		1	271	/	26.31	/



100	DFT-s-OFDM QPSK	135	1	/	26.11	/
100		135	67	/	26.33	/
100		135	136	/	26.36	/
100		270	0	/	26.39	/
100		1	1	/	26.48	/
100		1	136	/	26.27	/
100		1	271	/	26.25	/
100		135	1	/	26.33	/
100	DFT-s-OFDM 16QAM	135	67	/	26.31	/
100		135	136	/	26.37	/
100		270	0	/	26.39	/
100		1	1	/	24.49	/
100	DFT-s-OFDM 64QAM	1	1	/	23.13	/
100	DFT-s-OFDM 256QAM	1	1	/	21.12	/
100	CP-OFDM QPSK	1	1	/	24.07	/
100	CP-OFDM 16QAM	1	1	/	23.53	/
100	CP-OFDM 64QAM	1	1	/	22.08	/
100	CP-OFDM 256QAM	1	1	/	19.15	/
Channel				633000	633334	633666
Frequency (MHz)				3495	3500.01	3504.99
90	DFT-s-OFDM QPSK	1	1	25.94	26.25	26.23
Channel				632668	633334	634000
Frequency (MHz)				3490.02	3500.01	3510
80	DFT-s-OFDM QPSK	1	1	25.94	26.25	26.23
Channel				632334	633334	634332
Frequency (MHz)				3485.01	3500.01	3514.98
70	DFT-s-OFDM QPSK	1	1	25.94	26.25	26.23
Channel				632000	633334	634666
Frequency (MHz)				3480	3500.01	3519.99
60	DFT-s-OFDM QPSK	1	1	25.94	26.25	26.23
Channel				631668	633334	635000
Frequency (MHz)				3475.02	3500.01	3525
50	DFT-s-OFDM QPSK	1	1	25.94	26.25	26.23
Channel				631334	633334	635332
Frequency (MHz)				3470.01	3500.01	3529.98
40	DFT-s-OFDM QPSK	1	1	25.94	26.25	26.23
Channel				631000	633334	635666
Frequency (MHz)				3465	3500.01	3534.99
30	DFT-s-OFDM QPSK	1	1	25.94	26.25	26.23
Channel				630668	633334	636000
Frequency (MHz)				3460.02	3500.01	3540
20	DFT-s-OFDM QPSK	1	1	25.94	26.25	26.23



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	/	24.98	/
100		1	136	/	24.94	/
100		1	271	/	25.04	/
100		135	1	/	24.04	/
100		135	67	/	24.97	/
100		135	136	/	24.79	/
100		270	0	/	25.04	/
100		1	1	/	25.07	/
100	DFT-s-OFDM QPSK	1	136	/	24.93	/
100		1	271	/	24.98	/
100		135	1	/	25.03	/
100		135	67	/	24.97	/
100		135	136	/	24.93	/
100		270	0	/	24.83	/
100	DFT-s-OFDM 16QAM	1	1	/	23.15	/
100	DFT-s-OFDM 64QAM	1	1	/	21.79	/
100	DFT-s-OFDM 256QAM	1	1	/	19.45	/
100	CP-OFDM QPSK	1	1	/	22.53	/
100	CP-OFDM 16QAM	1	1	/	22.13	/
100	CP-OFDM 64QAM	1	1	/	20.67	/
100	CP-OFDM 256QAM	1	1	/	17.48	/
Channel				649668	650000	650332
Frequency (MHz)				3745.02	3750	3754.98
90	DFT-s-OFDM QPSK	1	1	24.55	24.75	24.05
Channel				649334	650000	650666
Frequency (MHz)				3740.01	3750	3759.99
80	DFT-s-OFDM QPSK	1	1	24.59	24.82	24.26
Channel				649000	650000	651000
Frequency (MHz)				3735	3750	3765
70	DFT-s-OFDM QPSK	1	1	24.63	24.95	24.46
Channel				648668	650000	651332
Frequency (MHz)				3730.02	3750	3769.98
60	DFT-s-OFDM QPSK	1	1	24.59	24.98	24.32
Channel				648334	650000	651666
Frequency (MHz)				3725.01	3750	3774.99
50	DFT-s-OFDM QPSK	1	1	24.70	25.00	24.40
Channel				648000	650000	652000
Frequency (MHz)				3720	3750	3780
40	DFT-s-OFDM QPSK	1	1	24.62	24.98	24.47



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Channel				647668	650000	652332
Frequency (MHz)				3715.02	3750	3784.98
30	DFT-s-OFDM QPSK	1	1	24.51	24.93	24.91
Channel				647334	650000	652666
Frequency (MHz)				3710.01	3750	3789.99
20	DFT-s-OFDM QPSK	1	1	25.13	25.20	24.96



Effective Radiated Power and Effective Isotropic Radiated Power:

n2 (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				372000	372000	376000	376000	378000	378000
Frequency (MHz)				1860.00	1860.00	1880.00	1880.00	1900.00	1900.00
20	DFT-s-OFDM PI/2 BPSK	1	1	25.24	0.334	25.09	0.323	25.00	0.316
20		1	53	25.22	0.333	24.85	0.305	24.77	0.300
20		1	104	25.10	0.324	25.00	0.316	24.79	0.301
20		50	1	25.37	0.344	25.06	0.321	24.97	0.314
20		50	25	25.37	0.344	24.88	0.308	24.90	0.309
20		50	50	25.26	0.336	24.84	0.305	24.96	0.313
20		100	0	25.28	0.337	24.90	0.309	24.93	0.311
20	DFT-s-OFDM QPSK	1	1	25.29	0.338	25.39	0.346	25.05	0.320
20		1	53	25.31	0.340	25.20	0.331	24.85	0.305
20		1	104	24.83	0.304	25.02	0.318	24.92	0.310
20		50	1	25.28	0.337	25.37	0.344	25.02	0.318
20		50	25	25.27	0.337	25.28	0.337	24.96	0.313
20		50	50	25.24	0.334	24.86	0.306	24.78	0.301
20		100	0	25.24	0.334	25.26	0.336	24.88	0.308
20	DFT-s-OFDM 16QAM	1	1	24.84	0.305	24.69	0.294	24.58	0.287
20	DFT-s-OFDM 64QAM	1	1	23.58	0.228	23.46	0.222	23.26	0.212
20	DFT-s-OFDM 256QAM	1	1	21.50	0.141	21.31	0.135	21.13	0.130
20	CP-OFDM QPSK	1	1	24.66	0.292	24.44	0.278	24.29	0.269
20	CP-OFDM 16QAM	1	1	24.11	0.258	23.95	0.248	23.81	0.240
20	CP-OFDM 64QAM	1	1	21.76	0.150	22.07	0.161	22.02	0.159
20	CP-OFDM 256QAM	1	1	19.58	0.091	19.33	0.086	19.17	0.083
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	25.09	0.323	25.34	0.342	24.89	0.308
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	25.11	0.324	25.37	0.344	24.87	0.307



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	25.21	0.332	25.36	0.344	24.89	0.308

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	20.12	0.103	20.14	0.103	20.10	0.102
20		1	53	20.00	0.100	19.92	0.098	19.94	0.099
20		1	104	19.71	0.094	19.69	0.093	19.82	0.096
20		50	1	20.14	0.103	20.13	0.103	20.05	0.101
20		50	25	20.06	0.101	20.05	0.101	19.91	0.098
20		50	50	19.98	0.100	19.90	0.098	19.87	0.097
20		100	0	20.08	0.102	20.08	0.102	19.96	0.099
20	DFT-s-OFDM QPSK	1	1	20.12	0.103	20.15	0.104	20.09	0.102
20		1	53	19.92	0.098	19.99	0.100	19.94	0.099
20		1	104	19.73	0.094	19.75	0.094	19.72	0.094
20		50	1	20.07	0.102	20.09	0.102	20.01	0.100
20		50	25	20.08	0.102	20.07	0.102	20.01	0.100
20		50	50	19.98	0.100	19.95	0.099	19.84	0.096
20		100	0	19.98	0.100	20.07	0.102	19.98	0.100
20	DFT-s-OFDM 16QAM	1	1	19.93	0.098	19.78	0.095	19.70	0.093
20	DFT-s-OFDM 64QAM	1	1	18.24	0.067	18.20	0.066	18.15	0.065
20	DFT-s-OFDM 256QAM	1	1	16.20	0.042	16.12	0.041	16.02	0.040
20	CP-OFDM QPSK	1	1	19.33	0.086	19.24	0.084	19.17	0.083
20	CP-OFDM 16QAM	1	1	18.76	0.075	18.71	0.074	18.69	0.074
20	CP-OFDM 64QAM	1	1	16.99	0.050	16.81	0.048	16.59	0.046
20	CP-OFDM 256QAM	1	1	14.14	0.026	14.20	0.026	14.15	0.026
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	19.91	0.098	19.92	0.098	19.74	0.094



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	19.83	0.096	19.85	0.097	19.69	0.093
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	19.89	0.097	19.91	0.098	19.56	0.090

n7									
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				502000	502000	507000	507000	512000	512000
Frequency (MHz)				2510.00	2510.00	2535.00	2535.00	2560.00	2560.00
20	DFT-s-OFDM PI/2 BPSK	1	1	24.83	0.304	24.80	0.302	25.05	0.320
20		1	80	24.77	0.300	24.93	0.311	25.10	0.324
20		1	158	24.81	0.303	24.94	0.312	25.00	0.316
20		80	1	24.72	0.296	24.84	0.305	24.95	0.313
20		80	40	24.68	0.294	24.87	0.307	25.07	0.321
20		80	80	24.73	0.297	24.90	0.309	24.96	0.313
20		160	0	24.69	0.294	24.88	0.308	24.96	0.313
20	DFT-s-OFDM QPSK	1	1	24.86	0.306	24.97	0.314	25.12	0.325
20		1	80	24.75	0.299	24.91	0.310	25.03	0.318
20		1	158	24.84	0.305	24.96	0.313	25.10	0.324
20		80	1	24.85	0.305	24.94	0.312	25.09	0.323
20		80	40	24.67	0.293	24.81	0.303	25.03	0.318
20		80	80	24.74	0.298	24.83	0.304	25.02	0.318
20		160	0	24.74	0.298	24.85	0.305	25.05	0.320
20	DFT-s-OFDM 16QAM	1	1	24.43	0.277	24.47	0.280	24.71	0.296
20	DFT-s-OFDM 64QAM	1	1	22.86	0.193	22.87	0.194	23.18	0.208
20	DFT-s-OFDM 256QAM	1	1	20.49	0.112	20.50	0.112	20.75	0.119
20	CP-OFDM QPSK	1	1	23.80	0.240	23.88	0.244	24.11	0.258
20	CP-OFDM 16QAM	1	1	23.26	0.212	23.34	0.216	23.60	0.229
20	CP-OFDM 64QAM	1	1	21.61	0.145	21.59	0.144	21.87	0.154
20	CP-OFDM 256QAM	1	1	18.53	0.071	18.62	0.073	18.89	0.077



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	24.68	0.294	24.72	0.296	24.96	0.313
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	24.57	0.286	24.74	0.298	24.96	0.313
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	24.66	0.292	24.69	0.294	24.93	0.311

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				372000	372000	376500	376500	379000	379000
Frequency (MHz)				1860.00	1860.00	1882.50	1882.50	1895.00	1895.00
20	DFT-s-OFDM PI/2 BPSK	1	1	21.13	0.130	21.14	0.130	20.88	0.122
20		1	80	21.24	0.133	20.96	0.125	20.79	0.120
20		1	158	21.03	0.127	20.78	0.120	20.81	0.121
20		80	1	21.26	0.134	21.09	0.129	20.84	0.121
20		80	40	21.18	0.131	20.99	0.126	20.92	0.124
20		80	80	21.13	0.130	20.92	0.124	20.92	0.124
20		160	0	21.18	0.131	20.93	0.124	20.87	0.122
20	DFT-s-OFDM QPSK	1	1	21.27	0.134	21.22	0.132	21.06	0.128
20		1	80	21.18	0.131	21.10	0.129	20.96	0.125
20		1	158	21.14	0.130	21.01	0.126	20.99	0.126
20		80	1	21.24	0.133	21.15	0.130	21.01	0.126
20		80	40	21.14	0.130	21.03	0.127	20.93	0.124
20		80	80	21.13	0.130	20.94	0.124	20.90	0.123
20		160	0	21.13	0.130	21.11	0.129	20.92	0.124
20	DFT-s-OFDM 16QAM	1	1	21.12	0.129	20.96	0.125	20.89	0.123
20	DFT-s-OFDM 64QAM	1	1	19.65	0.092	19.59	0.091	19.35	0.086
20	DFT-s-OFDM 256QAM	1	1	17.41	0.055	17.38	0.055	17.07	0.051
20	CP-OFDM QPSK	1	1	20.64	0.116	20.54	0.113	20.38	0.109
20	CP-OFDM 16QAM	1	1	19.79	0.095	19.62	0.092	19.58	0.091



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20	CP-OFDM 64QAM	1	1	18.40	0.069	18.35	0.068	18.04	0.064
20	CP-OFDM 256QAM	1	1	15.40	0.035	15.29	0.034	15.13	0.033
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	21.18	0.131	21.16	0.131	20.66	0.116
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	21.18	0.131	21.01	0.126	20.44	0.111
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	21.24	0.133	20.96	0.125	20.45	0.111

n26(814-824MHz)									
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						163800	163800		
Frequency (MHz)						819.00	819.00		
10	DFT-s-OFDM PI/2 BPSK	1	1	/	/	20.01	0.100	/	/
10		1	53	/	/	20.16	0.104	/	/
10		1	104	/	/	20.26	0.106	/	/
10		50	1	/	/	20.11	0.103	/	/
10		50	25	/	/	20.18	0.104	/	/
10		50	50	/	/	20.26	0.106	/	/
10		10 0	0	/	/	20.19	0.104	/	/
10	DFT-s-OFDM QPSK	1	1	/	/	20.37	0.109	/	/
10		1	53	/	/	20.18	0.104	/	/
10		1	104	/	/	20.28	0.107	/	/
10		50	1	/	/	20.33	0.108	/	/
10		50	25	/	/	20.15	0.104	/	/
10		50	50	/	/	20.22	0.105	/	/
10		10 0	0	/	/	20.31	0.107	/	/
10	DFT-s-OFDM 16QAM	1	1	/	/	19.64	0.092	/	/
10	DFT-s-OFDM 64QAM	1	1	/	/	18.42	0.070	/	/
10	DFT-s-OFDM 256QAM	1	1	/	/	16.30	0.043	/	/



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10	CP-OFDM QPSK	1	1	/	/	19.34	0.086	/	/
10	CP-OFDM 16QAM	1	1	/	/	18.55	0.072	/	/
10	CP-OFDM 64QAM	1	1	/	/	17.25	0.053	/	/
10	CP-OFDM 256QAM	1	1	/	/	14.32	0.027	/	/
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	20.23	0.105	20.31	0.107	20.18	0.104

n26(824-849MHz)									
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				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	20.32	0.108	20.31	0.107	20.34	0.108
20		1	53	20.30	0.107	20.29	0.107	20.28	0.107
20		1	104	20.12	0.103	20.14	0.103	20.27	0.106
20		50	1	20.37	0.109	20.36	0.109	20.38	0.109
20		50	25	20.34	0.108	20.34	0.108	20.28	0.107
20		50	50	20.27	0.106	20.28	0.107	20.27	0.106
20		100	0	20.37	0.109	20.34	0.108	20.27	0.106
20	DFT-s-OFDM QPSK	1	1	20.37	0.109	20.41	0.110	20.33	0.108
20		1	53	20.29	0.107	20.33	0.108	20.23	0.105
20		1	104	20.16	0.104	20.17	0.104	20.34	0.108
20		50	1	20.36	0.109	20.38	0.109	20.35	0.108
20		50	25	20.36	0.109	20.28	0.107	20.29	0.107
20		50	50	20.31	0.107	20.26	0.106	20.24	0.106
20		100	0	20.34	0.108	20.38	0.109	20.30	0.107
20	DFT-s-OFDM 16QAM	1	1	20.27	0.106	20.28	0.107	20.23	0.105
20	DFT-s-OFDM 64QAM	1	1	18.77	0.075	18.79	0.076	18.76	0.075
20	DFT-s-OFDM 256QAM	1	1	16.70	0.047	16.82	0.048	16.78	0.048
20	CP-OFDM QPSK	1	1	19.75	0.094	19.76	0.095	19.72	0.094
20	CP-OFDM 16QAM	1	1	19.24	0.084	19.27	0.085	19.26	0.084



20	CP-OFDM 64QAM	1	1	17.59	0.057	17.62	0.058	17.58	0.057
20	CP-OFDM 256QAM	1	1	14.76	0.030	14.82	0.030	14.84	0.030
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	20.31	0.107	20.33	0.108	20.24	0.106
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	20.30	0.107	20.19	0.104	20.17	0.104
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	20.26	0.106	20.22	0.105	20.01	0.100

n30									
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						462000	462000		
Frequency (MHz)						2310.00	2310.00		
10	DFT-s-OFDM PI/2 BPSK	1	1	/	/	21.35	0.136	/	/
10		1	53	/	/	21.47	0.140	/	/
10		1	104	/	/	21.39	0.138	/	/
10		50	1	/	/	21.49	0.141	/	/
10		50	25	/	/	21.50	0.141	/	/
10		50	50	/	/	21.44	0.139	/	/
10		100	0	/	/	21.49	0.141	/	/
10	DFT-s-OFDM QPSK	1	1	/	/	21.57	0.144	/	/
10		1	53	/	/	21.46	0.140	/	/
10		1	104	/	/	21.37	0.137	/	/
10		50	1	/	/	21.53	0.142	/	/
10		50	25	/	/	21.49	0.141	/	/
10		50	50	/	/	21.43	0.139	/	/
10		100	0	/	/	21.48	0.141	/	/
10	DFT-s-OFDM 16QAM	1	1	/	/	21.28	0.134	/	/
10	DFT-s-OFDM 64QAM	1	1	/	/	19.88	0.097	/	/
10	DFT-s-OFDM 256QAM	1	1	/	/	17.54	0.057	/	/



10	CP-OFDM QPSK	1	1	/	/	20.78	0.120	/	/
10	CP-OFDM 16QAM	1	1	/	/	20.25	0.106	/	/
10	CP-OFDM 64QAM	1	1	/	/	17.57	0.057	/	/
10	CP-OFDM 256QAM	1	1	/	/	15.56	0.036	/	/

n41(PC2)									
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				509202	509202	518598	518598	528000	528000
Frequency (MHz)				2546.01	2546.01	2592.99	2592.99	2640	2640
100	DFT-s-OFDM PI/2 BPSK	1	1	27.62	0.578	27.91	0.618	27.98	0.628
100		1	136	27.89	0.615	27.95	0.624	27.89	0.615
100		1	271	28.01	0.632	28.00	0.631	28.05	0.638
100		135	1	27.72	0.592	27.84	0.608	27.80	0.603
100		135	67	27.95	0.624	28.01	0.632	27.94	0.622
100		135	136	27.85	0.610	27.80	0.603	27.73	0.593
100		270	0	27.87	0.612	27.99	0.630	27.90	0.617
100	DFT-s-OFDM QPSK	1	1	27.57	0.571	28.13	0.650	27.92	0.619
100		1	136	27.79	0.601	27.85	0.610	27.85	0.610
100		1	271	27.86	0.611	27.90	0.617	27.87	0.612
100		135	1	27.73	0.593	27.88	0.614	27.90	0.617
100		135	67	27.93	0.621	28.06	0.640	28.02	0.634
100		135	136	27.86	0.611	27.91	0.618	27.78	0.600
100		270	0	27.86	0.611	28.01	0.632	27.89	0.615
100	DFT-s-OFDM 16QAM	1	1	26.53	0.450	26.72	0.470	26.83	0.482
100	DFT-s-OFDM 64QAM	1	1	25.14	0.327	25.41	0.348	25.42	0.348



100	DFT-s-OFDM 256QAM	1	1	22.89	0.195	23.11	0.205	23.24	0.211
100	CP-OFDM QPSK	1	1	26.15	0.412	26.32	0.429	26.39	0.436
100	CP-OFDM 16QAM	1	1	25.64	0.366	25.89	0.388	25.98	0.396
100	CP-OFDM 64QAM	1	1	23.75	0.237	23.86	0.243	23.85	0.243
100	CP-OFDM 256QAM	1	1	20.96	0.125	21.24	0.133	21.28	0.134
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	27.54	0.568	27.94	0.622	27.86	0.611
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	27.61	0.577	28.00	0.631	27.92	0.619
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	27.61	0.577	28.04	0.637	27.92	0.619
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	27.66	0.583	28.01	0.632	27.97	0.627
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	27.80	0.603	28.11	0.647	28.01	0.632
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	27.78	0.600	28.09	0.644	28.06	0.640
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	27.69	0.587	28.09	0.644	27.93	0.621
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	27.76	0.597	28.08	0.643	27.98	0.628



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	2640
10 0	DFT-s-OFDM PI/2 BPSK	1	1	25.16	0.328	25.26	0.336	25.39	0.346
10 0		1	136	25.31	0.340	25.27	0.337	25.22	0.333
10 0		1	271	25.28	0.337	25.20	0.331	24.90	0.309
10 0		13 5	1	25.26	0.336	25.39	0.346	25.36	0.344
10 0		13 5	67	25.34	0.342	25.27	0.337	25.26	0.336
10 0		13 5	136	25.39	0.346	25.33	0.341	24.88	0.308
10 0		27 0	0	25.31	0.340	25.35	0.343	25.31	0.340
10 0	DFT-s-OFDM QPSK	1	1	25.23	0.333	25.42	0.348	25.36	0.344
10 0		1	136	25.33	0.341	25.33	0.341	25.17	0.329
10 0		1	271	25.29	0.338	25.21	0.332	24.83	0.304
10 0		13 5	1	25.28	0.337	25.28	0.337	25.34	0.342
10 0		13 5	67	25.32	0.340	25.41	0.348	25.27	0.337
10 0		13 5	136	25.37	0.344	25.33	0.341	24.89	0.308
10 0		27 0	0	24.95	0.313	25.27	0.337	24.97	0.314
10 0	DFT-s-OFDM 16QAM	1	1	24.27	0.267	24.39	0.275	24.54	0.284
10 0	DFT-s-OFDM 64QAM	1	1	24.34	0.272	24.49	0.281	24.55	0.285
10 0	DFT-s-OFDM 256QAM	1	1	22.64	0.184	22.72	0.187	22.82	0.191
10 0	CP-OFDM QPSK	1	1	24.36	0.273	24.46	0.279	24.50	0.282
10 0	CP-OFDM 16QAM	1	1	24.43	0.277	24.50	0.282	24.61	0.289
10 0	CP-OFDM 64QAM	1	1	23.48	0.223	23.57	0.228	23.69	0.234



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100	CP-OFDM 256QAM	1	1	20.78	0.120	20.80	0.120	20.85	0.122
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	24.80	0.302	25.29	0.338	25.02	0.318
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	24.84	0.305	25.31	0.340	25.07	0.321
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	25.27	0.337	25.09	0.323
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	24.96	0.313	25.26	0.336	25.08	0.322
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	24.97	0.314	25.27	0.337	25.07	0.321
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	25.03	0.318	25.27	0.337	24.99	0.316
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	24.94	0.312	25.30	0.339	24.79	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	24.93	0.311	25.28	0.337	24.69	0.294

n48 (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				638000	638000	641666	641666	645332	645332
Frequency (MHz)				3570.00	3570.00	3624.99	3624.99	3679.98	3679.98
40	DFT-s-OFDM PI/2 BPSK	1	1	20.99	0.126	20.76	0.119	20.53	0.113
40		1	53	20.93	0.124	20.14	0.103	20.67	0.117
40		1	104	20.70	0.117	20.44	0.111	20.96	0.125
40		50	1	20.97	0.125	20.44	0.111	20.57	0.114



40	DFT-s-OFDM QPSK	50	25	20.95	0.124	20.24	0.106	20.70	0.117
40		50	50	20.73	0.118	20.25	0.106	20.69	0.117
40		10 0	0	20.84	0.121	20.30	0.107	20.64	0.116
40		1	1	21.01	0.126	20.88	0.122	20.73	0.118
40		1	53	20.93	0.124	20.15	0.104	20.70	0.117
40		1	104	20.70	0.117	20.80	0.120	20.58	0.114
40		50	1	21.00	0.126	20.87	0.122	20.80	0.120
40		50	25	20.94	0.124	20.75	0.119	20.59	0.115
40	DFT-s-OFDM 16QAM	50	50	20.79	0.120	20.74	0.119	20.71	0.118
40		10 0	0	20.95	0.124	20.86	0.122	20.77	0.119
40		1	1	20.93	0.124	20.64	0.116	20.44	0.111
40		1	1	19.43	0.088	19.30	0.085	18.97	0.079
40		1	1	17.27	0.053	17.06	0.051	16.75	0.047
40		1	1	20.51	0.112	19.81	0.096	19.98	0.100
40		1	1	20.00	0.100	19.92	0.098	19.53	0.090
40		1	1	18.08	0.064	17.99	0.063	17.60	0.058
40	CP-OFDM 256QAM	1	1	15.30	0.034	15.03	0.032	14.86	0.031
Channel				637334	637334	641666	641666	646000	646000
Frequency (MHz)				3560.01	3560.01	3624.99	3624.99	3690.00	3690.00
20	DFT-s-OFDM QPSK	1	1	20.91	0.123	20.68	0.117	20.45	0.111

n66 (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				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	24.87	0.307	24.95	0.313	25.11	0.324
40		1	80	24.77	0.300	24.90	0.309	25.16	0.328
40		1	158	24.93	0.311	25.06	0.321	25.09	0.323
40		80	1	24.91	0.310	25.02	0.318	25.20	0.331
40		80	40	24.85	0.305	25.04	0.319	25.30	0.339
40		80	80	24.79	0.301	25.00	0.316	25.23	0.333
40		16 0	0	24.87	0.307	24.98	0.315	25.25	0.335



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40	DFT-s-OFDM QPSK	1	1	25.26	0.336	25.27	0.337	25.41	0.348
40		1	80	24.98	0.315	25.08	0.322	25.39	0.346
40		1	158	24.95	0.313	25.16	0.328	25.34	0.342
40		80	1	25.22	0.333	25.30	0.339	25.37	0.344
40		80	40	25.02	0.318	25.22	0.333	25.36	0.344
40		80	80	25.03	0.318	25.11	0.324	25.30	0.339
40		16 0	0	25.13	0.326	25.33	0.341	25.36	0.344
40	DFT-s-OFDM 16QAM	1	1	24.66	0.292	24.74	0.298	24.83	0.304
40	DFT-s-OFDM 64QAM	1	1	23.20	0.209	23.23	0.210	23.50	0.224
40	DFT-s-OFDM 256QAM	1	1	20.92	0.124	20.99	0.126	21.23	0.133
40	CP-OFDM QPSK	1	1	24.15	0.260	24.23	0.265	24.36	0.273
40	CP-OFDM 16QAM	1	1	23.57	0.228	23.71	0.235	23.84	0.242
40	CP-OFDM 64QAM	1	1	21.87	0.154	22.01	0.159	22.04	0.160
40	CP-OFDM 256QAM	1	1	18.95	0.079	19.09	0.081	19.19	0.083
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	24.98	0.315	25.06	0.321	25.34	0.342
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	24.89	0.308	25.01	0.317	25.16	0.328
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	24.94	0.312	25.03	0.318	25.20	0.331

n71									
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				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	18.53	0.071	18.52	0.071	18.61	0.073
20		1	53	18.52	0.071	18.65	0.073	18.69	0.074
20		1	104	18.59	0.072	18.67	0.074	18.50	0.071
20		50	1	18.62	0.073	18.62	0.073	18.65	0.073



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20		50	25	18.55	0.072	18.66	0.073	18.61	0.073
20		50	50	18.57	0.072	18.69	0.074	18.66	0.073
20		100	0	18.62	0.073	18.60	0.072	18.57	0.072
20		1	1	18.79	0.076	18.77	0.075	18.83	0.076
20	DFT-s-OFDM QPSK	1	53	18.47	0.070	18.58	0.072	18.64	0.073
20		1	104	18.52	0.071	18.56	0.072	18.42	0.070
20		50	1	18.61	0.073	18.67	0.074	18.76	0.075
20		50	25	18.57	0.072	18.62	0.073	18.63	0.073
20		50	50	18.62	0.073	18.59	0.072	18.62	0.073
20		100	0	18.60	0.072	18.56	0.072	18.71	0.074
20	DFT-s-OFDM 16QAM	1	1	18.24	0.067	18.09	0.064	18.21	0.066
20	DFT-s-OFDM 64QAM	1	1	16.72	0.047	16.66	0.046	16.76	0.047
20	DFT-s-OFDM 256QAM	1	1	14.33	0.027	14.29	0.027	14.27	0.027
20	CP-OFDM QPSK	1	1	17.83	0.061	17.74	0.059	17.71	0.059
20	CP-OFDM 16QAM	1	1	17.23	0.053	17.09	0.051	17.11	0.051
20	CP-OFDM 64QAM	1	1	15.40	0.035	15.63	0.037	15.70	0.037
20	CP-OFDM 256QAM	1	1	12.34	0.017	12.28	0.017	12.39	0.017
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	18.56	0.072	18.49	0.071	18.69	0.074
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	18.65	0.073	18.59	0.072	18.67	0.074
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	18.57	0.072	18.58	0.072	18.59	0.072

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	/	/



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10	DFT-s-OFDM PI/2 BPSK	1	1	/	/	23.99	0.251	/	/
0		1	136	/	/	23.76	0.238	/	/
10		1	271	/	/	23.64	0.231	/	/
0		13	1	/	/	23.38	0.218	/	/
10		13	67	/	/	23.44	0.221	/	/
0		13	136	/	/	23.19	0.208	/	/
0		27	0	/	/	23.44	0.221	/	/
10	DFT-s-OFDM QPSK	1	1	/	/	24.08	0.256	/	/
0		1	136	/	/	23.80	0.240	/	/
10		1	271	/	/	23.45	0.221	/	/
0		13	1	/	/	23.55	0.226	/	/
10		13	67	/	/	23.99	0.251	/	/
0		13	136	/	/	23.65	0.232	/	/
0		27	0	/	/	23.91	0.246	/	/
10	DFT-s-OFDM 16QAM	1	1	/	/	22.56	0.180	/	/
0	DFT-s-OFDM 64QAM	1	1	/	/	21.19	0.132	/	/
10	DFT-s-OFDM 256QAM	1	1	/	/	18.99	0.079	/	/
0	CP-OFDM QPSK	1	1	/	/	22.19	0.166	/	/
10	CP-OFDM 16QAM	1	1	/	/	21.78	0.151	/	/
0	CP-OFDM 64QAM	1	1	/	/	19.62	0.092	/	/
10	CP-OFDM 256QAM	1	1	/	/	17.13	0.052	/	/
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	23.77	0.238	23.94	0.248	23.51	0.224
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	23.74	0.237	23.79	0.239	23.39	0.218



	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 QPSK	1	1	24.00	0.251	24.02	0.252	23.73	0.236
	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	23.98	0.250	24.00	0.251	23.57	0.228
	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	24.02	0.252	24.04	0.254	23.56	0.227

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	23.43	0.220	23.61	0.230	23.18	0.208
10 0		1	136	23.92	0.247	23.28	0.213	23.16	0.207
10 0		1	271	23.89	0.245	23.88	0.244	23.97	0.249
10 0		13 5	1	23.51	0.224	23.75	0.237	23.44	0.221
10 0		13 5	67	23.91	0.246	23.32	0.215	23.98	0.250
10 0		13 5	136	23.33	0.215	23.23	0.210	23.87	0.244
10 0		27 0	0	23.33	0.215	23.18	0.208	23.08	0.203
10 0	DFT-s-OFDM QPSK	1	1	23.97	0.249	23.85	0.243	23.94	0.248
10 0		1	136	23.88	0.244	23.42	0.220	23.29	0.213
10 0		1	271	22.92	0.196	23.13	0.206	23.42	0.220
10 0		13 5	1	23.12	0.205	23.42	0.220	23.47	0.222
10 0		13 5	67	23.92	0.247	23.80	0.240	23.71	0.235
10 0		13 5	136	23.31	0.214	23.42	0.220	23.87	0.244



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10 0		27 0	0	23.82	0.241	23.84	0.242	23.75	0.237
10 0	DFT-s-OFDM 16QAM	1	1	22.02	0.159	22.16	0.164	21.60	0.145
10 0	DFT-s-OFDM 64QAM	1	1	20.68	0.117	20.76	0.119	20.25	0.106
10 0	DFT-s-OFDM 256QAM	1	1	18.40	0.069	18.44	0.070	18.05	0.064
10 0	CP-OFDM QPSK	1	1	21.66	0.147	21.63	0.146	21.24	0.133
10 0	CP-OFDM 16QAM	1	1	21.16	0.131	21.13	0.130	20.76	0.119
10 0	CP-OFDM 64QAM	1	1	20.03	0.101	19.98	0.100	19.34	0.086
10 0	CP-OFDM 256QAM	1	1	16.47	0.044	16.47	0.044	16.09	0.041
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	23.60	0.229	23.56	0.227	23.51	0.224
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	23.47	0.222	23.42	0.220	23.43	0.220
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	23.63	0.231	23.34	0.216	23.37	0.217
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	23.48	0.223	23.52	0.225	23.47	0.222
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	23.45	0.221	23.60	0.229	23.50	0.224

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	1	1	/	/	20.85	0.122	/	/
10	PI/2 BPSK	1	136	/	/	20.50	0.112	/	/



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0									
10		1	271	/	/	20.61	0.115	/	/
0		13	1	/	/	20.65	0.116	/	/
10		5	67	/	/	20.61	0.115	/	/
0		13	136	/	/	20.31	0.107	/	/
10		5	0	/	/	20.67	0.117	/	/
0		27		/	/			/	/
0		0		/	/			/	/
10		1	1	/	/	20.95	0.124	/	/
10		1	136	/	/	20.56	0.114	/	/
0		1	271	/	/	20.68	0.117	/	/
10	DFT-s-OFDM	13	1	/	/	20.68	0.117	/	/
0	QPSK	5	67	/	/	20.86	0.122	/	/
10		13	136	/	/	20.36	0.109	/	/
0		5	0	/	/	20.77	0.119	/	/
10		27		/	/			/	/
0		0		/	/			/	/
10	DFT-s-OFDM	1	1	/	/	20.51	0.112	/	/
0	16QAM			/	/			/	/
10	DFT-s-OFDM	1	1	/	/	19.94	0.099	/	/
0	64QAM			/	/			/	/
10	DFT-s-OFDM	1	1	/	/	18.92	0.078	/	/
0	256QAM			/	/			/	/
10	CP-OFDM	1	1	/	/	20.63	0.116	/	/
0	QPSK			/	/			/	/
10	CP-OFDM	1	1	/	/	20.61	0.115	/	/
0	16QAM			/	/			/	/
10	CP-OFDM	1	1	/	/	19.71	0.094	/	/
0	64QAM			/	/			/	/
10	CP-OFDM	1	1	/	/	16.92	0.049	/	/
0	256QAM			/	/			/	/
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	20.64	0.116	20.83	0.121	20.57	0.114
	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	20.71	0.118	20.73	0.118	20.47	0.111
	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 QPSK	1	1	20.77	0.119	20.80	0.120	20.66	0.116
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	20.76	0.119	20.85	0.122	20.55	0.114
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	20.92	0.124	20.94	0.124	20.51	0.112

n77(3700-3980MHz) (PC3)									
BW [MHz]	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
100	DFT-s-OFDM PI/2 BPSK	1	1	20.23	0.105	20.66	0.116	20.70	0.117
100		1	136	20.90	0.123	20.38	0.109	20.68	0.117
100		1	271	20.70	0.117	20.48	0.112	20.58	0.114
100		135	1	20.83	0.121	20.42	0.110	20.65	0.116
100		135	67	20.74	0.119	20.47	0.111	20.74	0.119
100		135	136	20.63	0.116	20.16	0.104	20.75	0.119
100		270	0	20.66	0.116	20.41	0.110	20.74	0.119
100	DFT-s-OFDM QPSK	1	1	20.92	0.124	20.78	0.120	20.83	0.121
100		1	136	20.87	0.122	20.36	0.109	20.67	0.117
100		1	271	20.71	0.118	20.89	0.123	20.67	0.117
100		135	1	20.47	0.111	20.80	0.120	20.55	0.114
100		135	67	20.71	0.118	20.86	0.122	20.72	0.118
100		135	136	20.59	0.115	20.50	0.112	20.75	0.119
100		270	0	20.59	0.115	20.50	0.112	20.76	0.119
100	DFT-s-OFDM 16QAM	1	1	20.04	0.101	20.03	0.101	19.88	0.097



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100	DFT-s-OFDM 64QAM	1	1	20.00	0.100	20.05	0.101	19.83	0.096
100	DFT-s-OFDM 256QAM	1	1	18.45	0.070	18.89	0.077	18.54	0.071
100	CP-OFDM QPSK	1	1	20.12	0.103	20.07	0.102	20.02	0.100
100	CP-OFDM 16QAM	1	1	20.22	0.105	20.14	0.103	20.10	0.102
100	CP-OFDM 64QAM	1	1	19.25	0.084	19.23	0.084	19.28	0.085
100	CP-OFDM 256QAM	1	1	16.38	0.043	16.84	0.048	16.30	0.043
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	20.46	0.111	20.38	0.109	20.55	0.114
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	20.32	0.108	20.28	0.107	20.45	0.111
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	20.60	0.115	20.35	0.108	20.71	0.118
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	20.46	0.111	20.35	0.108	20.80	0.120
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	20.40	0.110	20.42	0.110	20.64	0.116

n78(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	/	/	23.86	0.243	/	/
100		1	136	/	/	23.72	0.236	/	/
100		1	271	/	/	23.69	0.234	/	/
10		13	1	/	/	23.44	0.221	/	/



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0		5							
10		13	67	/	/	23.61	0.230	/	/
0		5							
10		13	136	/	/	23.40	0.219	/	/
0		5							
10		27	0	/	/	23.55	0.226	/	/
0		0							
10		1	1	/	/	23.99	0.251	/	/
0									
10		1	136	/	/	23.90	0.245	/	/
0									
10		1	271	/	/	23.63	0.231	/	/
0									
10		13	1	/	/	23.50	0.224	/	/
0		5							
10		13	67	/	/	23.94	0.248	/	/
0		5							
10		13	136	/	/	23.61	0.230	/	/
0		5							
10		27	0	/	/	23.91	0.246	/	/
0		0							
10	DFT-s-OFDM	1	1	/	/	22.22	0.167	/	/
0	16QAM								
10	DFT-s-OFDM	1	1	/	/	20.98	0.125	/	/
0	64QAM								
10	DFT-s-OFDM	1	1	/	/	18.68	0.074	/	/
0	256QAM								
10	CP-OFDM	1	1	/	/	21.91	0.155	/	/
0	QPSK								
10	CP-OFDM	1	1	/	/	21.39	0.138	/	/
0	16QAM								
10	CP-OFDM	1	1	/	/	20.33	0.108	/	/
0	64QAM								
10	CP-OFDM	1	1	/	/	16.70	0.047	/	/
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	23.58	0.228	23.81	0.240	23.56	0.227
	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	23.66	0.232	23.93	0.247	23.50	0.224
	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	23.44	0.221	23.94	0.248	23.57	0.228
	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	23.47	0.222	23.87	0.244	23.61	0.230
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	23.41	0.219	23.84	0.242	23.36	0.217
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	23.76	0.238	23.95	0.248	23.58	0.228
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	23.69	0.234	23.84	0.242	23.50	0.224
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	23.64	0.231	23.82	0.241	23.57	0.228

n78(3700-3800MHz)(PC2)									
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				/	/	650000	650000	/	/
Frequency (MHz)				/	/	3750.00	3750.00	/	/
100	DFT-s-OFDM PI/2 BPSK	1	1	/	/	23.77	0.238	/	/
100		1	136	/	/	23.61	0.230	/	/
100		1	271	/	/	23.72	0.236	/	/
100		135	1	/	/	23.65	0.232	/	/
100		135	67	/	/	23.69	0.234	/	/
100		135	136	/	/	23.66	0.232	/	/
100		270	0	/	/	23.44	0.221	/	/
100	DFT-s-OFDM QPSK	1	1	/	/	23.89	0.245	/	/
100		1	136	/	/	23.62	0.230	/	/
100		1	271	/	/	23.51	0.224	/	/



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10		13	1	/	/	23.43	0.220	/	/
0		5							
10		13	67	/	/	23.86	0.243	/	/
0		5							
10		13	136	/	/	23.63	0.231	/	/
0		5							
10		27	0	/	/	23.77	0.238	/	/
0		0							
10	DFT-s-OFDM	1	1	/	/	21.92	0.156	/	/
0	16QAM								
10	DFT-s-OFDM	1	1	/	/	20.78	0.120	/	/
0	64QAM								
10	DFT-s-OFDM	1	1	/	/	18.27	0.067	/	/
0	256QAM								
10	CP-OFDM	1	1	/	/	21.83	0.152	/	/
0	QPSK								
10	CP-OFDM	1	1	/	/	20.91	0.123	/	/
0	16QAM								
10	CP-OFDM	1	1	/	/	18.74	0.075	/	/
0	64QAM								
10	CP-OFDM	1	1	/	/	16.25	0.042	/	/
0	256QAM								
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	1	1	23.33	0.215	23.74	0.237	23.54	0.226
	QPSK								
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	1	1	23.40	0.219	23.75	0.237	23.73	0.236
	QPSK								
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	1	1	23.43	0.220	23.69	0.234	23.50	0.224
	QPSK								
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	1	1	23.26	0.212	23.71	0.235	23.23	0.210
	QPSK								
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	1	1	23.43	0.220	23.76	0.238	23.50	0.224
	QPSK								
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	1	1	23.57	0.228	23.73	0.236	23.50	0.224
	QPSK								
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	23.64	0.231	23.76	0.238	23.65	0.232
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	23.64	0.231	23.87	0.244	23.85	0.243

n78(3450-3550MHz)(PC2) (ANT8)									
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	/	/	20.89	0.123	/	/
100		1	136	/	/	20.82	0.121	/	/
100		1	271	/	/	20.77	0.119	/	/
100		135	1	/	/	20.82	0.121	/	/
100		135	67	/	/	20.87	0.122	/	/
100		135	136	/	/	20.79	0.120	/	/
100		270	0	/	/	20.83	0.121	/	/
100	DFT-s-OFDM QPSK	1	1	/	/	20.93	0.124	/	/
100		1	136	/	/	20.81	0.121	/	/
100		1	271	/	/	20.78	0.120	/	/
100		135	1	/	/	20.82	0.121	/	/
100		135	67	/	/	20.89	0.123	/	/
100		135	136	/	/	20.80	0.120	/	/
100		270	0	/	/	20.80	0.120	/	/
100	DFT-s-OFDM 16QAM	1	1	/	/	19.99	0.100	/	/
100	DFT-s-OFDM 64QAM	1	1	/	/	20.11	0.103	/	/
100	DFT-s-OFDM 256QAM	1	1	/	/	18.27	0.067	/	/



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100	CP-OFDM QPSK	1	1	/	/	19.98	0.100	/	/
100	CP-OFDM 16QAM	1	1	/	/	20.09	0.102	/	/
100	CP-OFDM 64QAM	1	1	/	/	19.13	0.082	/	/
100	CP-OFDM 256QAM	1	1	/	/	16.30	0.043	/	/
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	20.53	0.113	20.73	0.118	20.52	0.113
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	20.60	0.115	20.84	0.121	20.49	0.112
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	20.63	0.116	20.84	0.121	20.54	0.113
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	20.64	0.116	20.70	0.117	20.46	0.111
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	20.53	0.113	20.73	0.118	20.53	0.113
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	20.72	0.118	20.87	0.122	20.77	0.119
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	20.64	0.116	20.75	0.119	20.66	0.116
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	20.59	0.115	20.74	0.119	20.68	0.117

n78(3700-3800MHz)(PC3) (ANT8)

BW [MHz]	Modulation	RB Size	RB Off set	Low Channel /dBm	Low Channel /Watt	Middle Channel /dBm	Middle Channel /Watt	High Channel /dBm	High Channel /Watt
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Channel				/	/	650000	650000	/	/
Frequency (MHz)				/	/	3750.00	3750.00	/	/
100	DFT-s-OFDM PI/2 BPSK	1	1	/	/	20.76	0.119	/	/
100		1	136	/	/	20.62	0.115	/	/
100		1	271	/	/	20.68	0.117	/	/
100		135	1	/	/	20.68	0.117	/	/
100		135	67	/	/	20.59	0.115	/	/
100		135	136	/	/	20.56	0.114	/	/
100		270	0	/	/	20.38	0.109	/	/
100	DFT-s-OFDM QPSK	1	1	/	/	20.97	0.125	/	/
100		1	136	/	/	20.66	0.116	/	/
100		1	271	/	/	20.76	0.119	/	/
100		135	1	/	/	20.59	0.115	/	/
100		135	67	/	/	20.88	0.122	/	/
100		135	136	/	/	20.72	0.118	/	/
100		270	0	/	/	20.86	0.122	/	/
100	DFT-s-OFDM 16QAM	1	1	/	/	20.04	0.101	/	/
100	DFT-s-OFDM 64QAM	1	1	/	/	20.10	0.102	/	/
100	DFT-s-OFDM 256QAM	1	1	/	/	18.26	0.067	/	/
100	CP-OFDM QPSK	1	1	/	/	19.99	0.100	/	/
100	CP-OFDM 16QAM	1	1	/	/	20.03	0.101	/	/
100	CP-OFDM 64QAM	1	1	/	/	19.01	0.080	/	/
100	CP-OFDM 256QAM	1	1	/	/	16.24	0.042	/	/
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	20.76	0.119	20.78	0.120	20.64	0.116
Channel				649334	649334	650000	650000	650666	650666



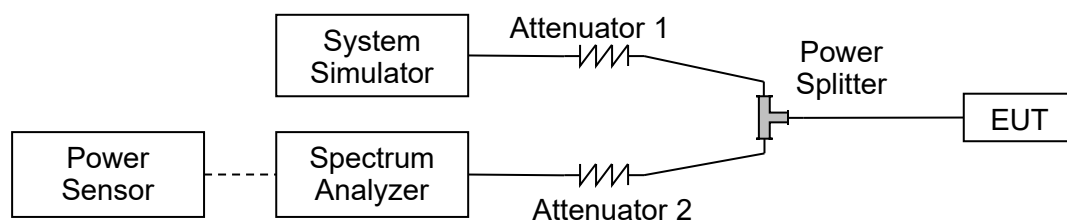
Frequency (MHz)				3740.01	3740.01	3750.00	3750.00	3759.99	3759.99
80	DFT-s-OFDM QPSK	1	1	20.52	0.113	20.79	0.120	20.61	0.115
Channel				649000	649000	650000	650000	651000	651000
Frequency (MHz)				3735.00	3735.00	3750.00	3750.00	3765.00	3765.00
70	DFT-s-OFDM QPSK	1	1	20.45	0.111	20.74	0.119	20.69	0.117
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	20.31	0.107	20.72	0.118	20.44	0.111
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	20.23	0.105	20.77	0.119	20.51	0.112
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	20.52	0.113	20.84	0.121	20.71	0.118
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	20.29	0.107	20.68	0.117	20.67	0.117
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	20.42	0.110	20.78	0.120	20.64	0.116

2.2. Occupied Bandwidth

2.2.1. Requirement

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

2.2.2. Test Description



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

2.2.3. Test procedure

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

2.2.4. Test Result



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	4.4797	5.058	PASS
n2	15	5	370500	DFT-s-OFDM QPSK	25/0	4.4960	5.159	PASS
n2	15	5	370500	DFT-s-OFDM 16QAM	25/0	4.4849	5.005	PASS
n2	15	5	370500	DFT-s-OFDM 64QAM	25/0	4.4760	4.975	PASS
n2	15	5	370500	DFT-s-OFDM 256QAM	25/0	4.4802	5.051	PASS
n2	15	5	370500	CP-OFDM QPSK	25/0	4.4720	5.059	PASS
n2	15	5	376000	DFT-s-OFDM PI/2 BPSK	25/0	4.4767	4.992	PASS
n2	15	5	376000	DFT-s-OFDM QPSK	25/0	4.4859	4.959	PASS
n2	15	5	376000	DFT-s-OFDM 16QAM	25/0	4.4904	5.061	PASS
n2	15	5	376000	DFT-s-OFDM 64QAM	25/0	4.4769	4.922	PASS
n2	15	5	376000	DFT-s-OFDM 256QAM	25/0	4.4894	5.033	PASS
n2	15	5	376000	CP-OFDM QPSK	25/0	4.4813	5.111	PASS
n2	15	5	381500	DFT-s-OFDM PI/2 BPSK	25/0	4.4887	5.104	PASS
n2	15	5	381500	DFT-s-OFDM QPSK	25/0	4.4870	5.057	PASS
n2	15	5	381500	DFT-s-OFDM 16QAM	25/0	4.4934	5.023	PASS



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n2	15	5	381500	DFT-s-OFDM 64QAM	25/0	4.4762	4.974	PASS
n2	15	5	381500	DFT-s-OFDM 256QAM	25/0	4.4789	5.012	PASS
n2	15	5	381500	CP-OFDM QPSK	25/0	4.4805	5.092	PASS
n2	15	10	371000	DFT-s-OFDM PI/2 BPSK	50/0	8.9248	9.647	PASS
n2	15	10	371000	DFT-s-OFDM QPSK	50/0	8.9249	9.658	PASS
n2	15	10	371000	DFT-s-OFDM 16QAM	50/0	8.9532	9.656	PASS
n2	15	10	371000	DFT-s-OFDM 64QAM	50/0	8.9284	9.581	PASS
n2	15	10	371000	DFT-s-OFDM 256QAM	50/0	8.9270	9.570	PASS
n2	15	10	371000	CP-OFDM QPSK	52/0	9.2891	10.101	PASS
n2	15	10	376000	DFT-s-OFDM PI/2 BPSK	50/0	8.9229	9.675	PASS
n2	15	10	376000	DFT-s-OFDM QPSK	50/0	8.9312	9.627	PASS
n2	15	10	376000	DFT-s-OFDM 16QAM	50/0	8.9506	9.644	PASS
n2	15	10	376000	DFT-s-OFDM 64QAM	50/0	8.9294	9.729	PASS
n2	15	10	376000	DFT-s-OFDM 256QAM	50/0	8.9277	9.602	PASS
n2	15	10	376000	CP-OFDM QPSK	52/0	9.2956	10.100	PASS
n2	15	10	381000	DFT-s-OFDM PI/2 BPSK	50/0	8.9291	9.671	PASS



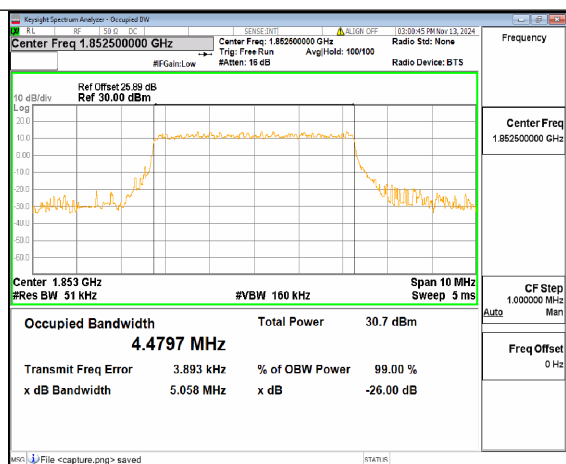
n2	15	10	381000	DFT-s-OFDM QPSK	50/0	8.9240	9.684	PASS
n2	15	10	381000	DFT-s-OFDM 16QAM	50/0	8.9463	9.592	PASS
n2	15	10	381000	DFT-s-OFDM 64QAM	50/0	8.9239	9.628	PASS
n2	15	10	381000	DFT-s-OFDM 256QAM	50/0	8.9232	9.652	PASS
n2	15	10	381000	CP-OFDM QPSK	52/0	9.3015	10.248	PASS
n2	15	15	371500	DFT-s-OFDM PI/2 BPSK	75/0	13.407	14.342	PASS
n2	15	15	371500	DFT-s-OFDM QPSK	75/0	13.422	14.327	PASS
n2	15	15	371500	DFT-s-OFDM 16QAM	75/0	13.423	14.167	PASS
n2	15	15	371500	DFT-s-OFDM 64QAM	75/0	13.402	14.234	PASS
n2	15	15	371500	DFT-s-OFDM 256QAM	75/0	13.436	14.341	PASS
n2	15	15	371500	CP-OFDM QPSK	79/0	14.115	16.139	PASS
n2	15	15	376000	DFT-s-OFDM PI/2 BPSK	75/0	13.406	14.357	PASS
n2	15	15	376000	DFT-s-OFDM QPSK	75/0	13.423	14.302	PASS
n2	15	15	376000	DFT-s-OFDM 16QAM	75/0	13.418	14.339	PASS
n2	15	15	376000	DFT-s-OFDM 64QAM	75/0	13.406	14.302	PASS
n2	15	15	376000	DFT-s-OFDM	75/0	13.430	14.221	PASS



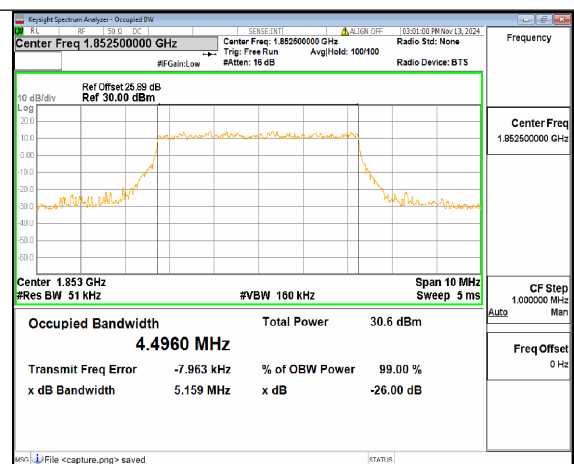
				256QAM				
n2	15	15	376000	CP-OFDM QPSK	79/0	14.109	16.220	PASS
n2	15	15	380500	DFT-s- OFDM PI/2 BPSK	75/0	13.415	14.262	PASS
n2	15	15	380500	DFT-s- OFDM QPSK	75/0	13.423	14.379	PASS
n2	15	15	380500	DFT-s- OFDM 16QAM	75/0	13.402	14.176	PASS
n2	15	15	380500	DFT-s- OFDM 64QAM	75/0	13.385	14.282	PASS
n2	15	15	380500	DFT-s- OFDM 256QAM	75/0	13.434	14.346	PASS
n2	15	15	380500	CP-OFDM QPSK	79/0	14.108	16.519	PASS
n2	15	20	372000	DFT-s- OFDM PI/2 BPSK	100/0	17.875	20.020	PASS
n2	15	20	372000	DFT-s- OFDM QPSK	100/0	17.869	18.929	PASS
n2	15	20	372000	DFT-s- OFDM 16QAM	100/0	17.873	18.818	PASS
n2	15	20	372000	DFT-s- OFDM 64QAM	100/0	17.897	19.021	PASS
n2	15	20	372000	DFT-s- OFDM 256QAM	100/0	17.856	18.879	PASS
n2	15	20	372000	CP-OFDM QPSK	106/0	18.913	20.019	PASS
n2	15	20	376000	DFT-s- OFDM PI/2 BPSK	100/0	17.876	19.756	PASS
n2	15	20	376000	DFT-s- OFDM QPSK	100/0	17.886	18.973	PASS
n2	15	20	376000	DFT-s-	100/0	17.896	19.222	PASS



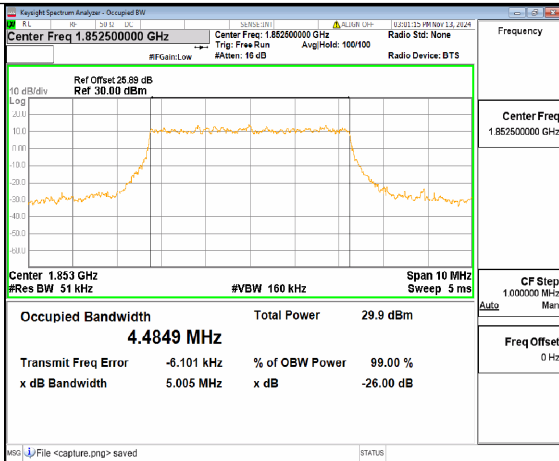
				OFDM 16QAM				
n2	15	20	376000	DFT-s- OFDM 64QAM	100/0	17.909	18.873	PASS
n2	15	20	376000	DFT-s- OFDM 256QAM	100/0	17.867	18.917	PASS
n2	15	20	376000	CP-OFDM QPSK	106/0	18.927	20.132	PASS
n2	15	20	380000	DFT-s- OFDM PI/2 BPSK	100/0	17.867	19.131	PASS
n2	15	20	380000	DFT-s- OFDM QPSK	100/0	17.867	18.923	PASS
n2	15	20	380000	DFT-s- OFDM 16QAM	100/0	17.873	18.930	PASS
n2	15	20	380000	DFT-s- OFDM 64QAM	100/0	17.877	18.862	PASS
n2	15	20	380000	DFT-s- OFDM 256QAM	100/0	17.849	18.736	PASS
n2	15	20	380000	CP-OFDM QPSK	106/0	18.911	20.362	PASS



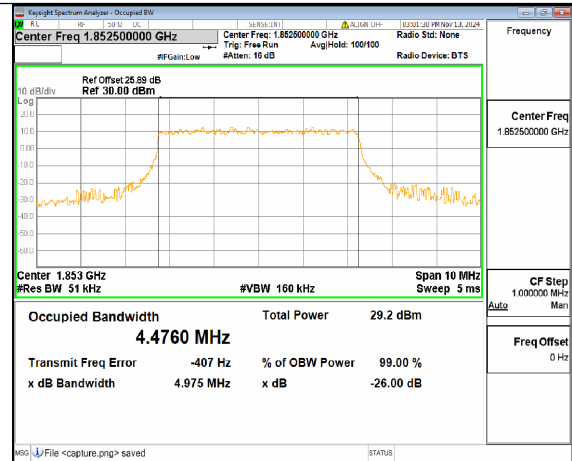
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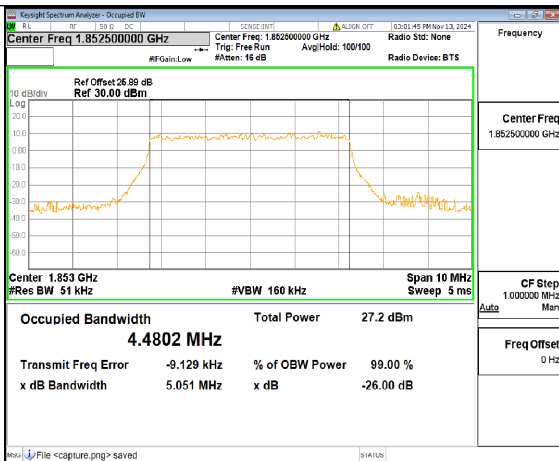
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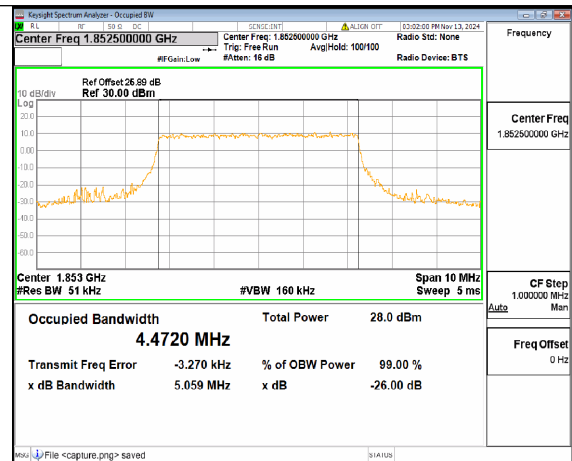
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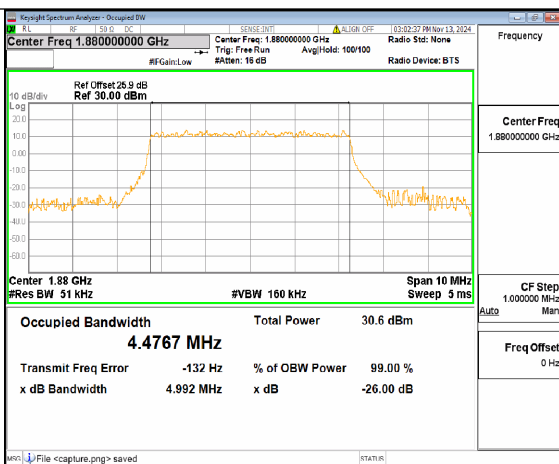
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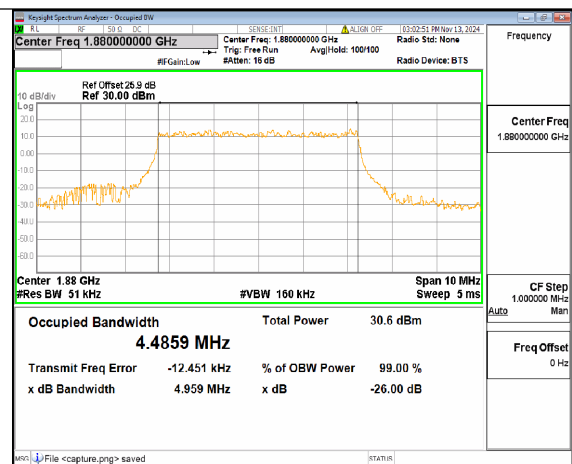
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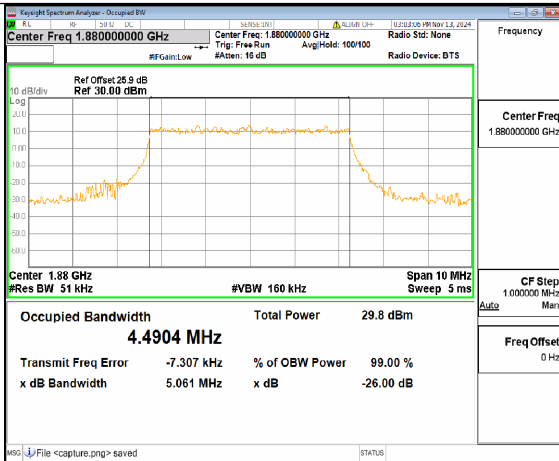
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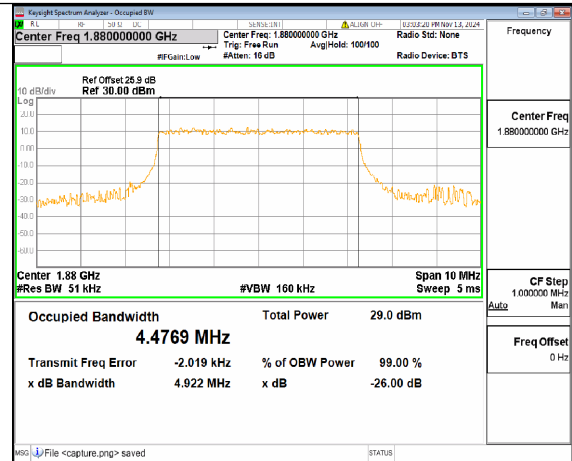
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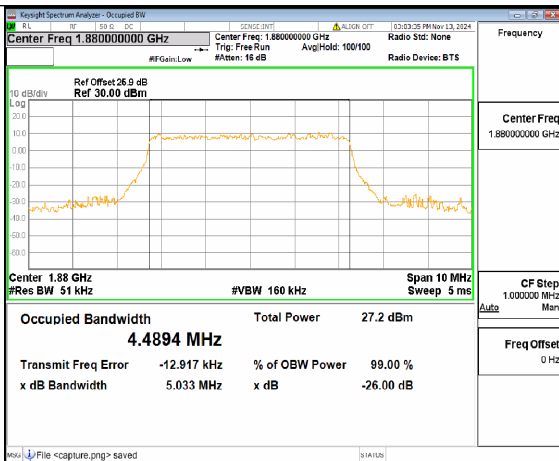
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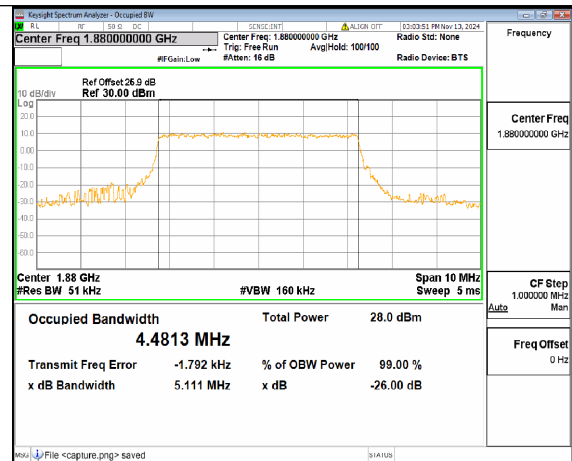
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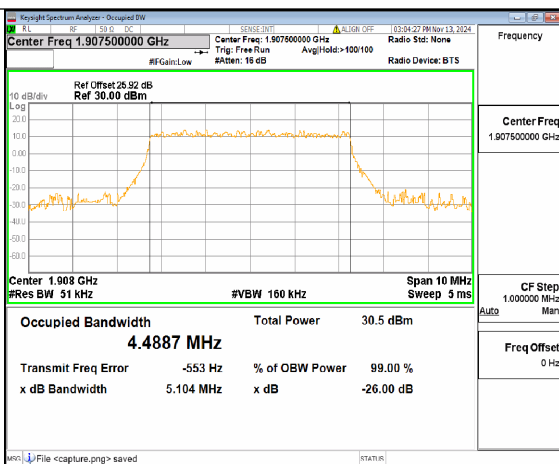
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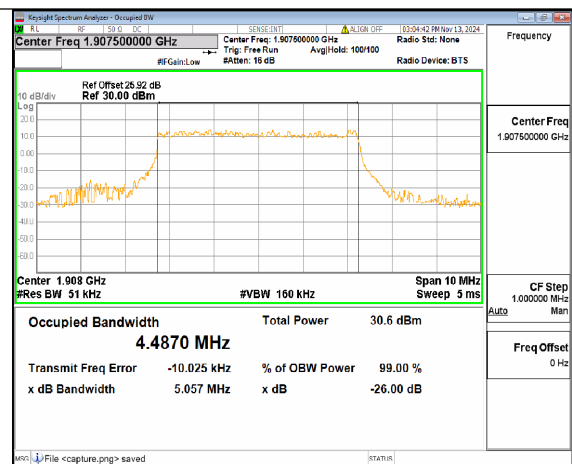
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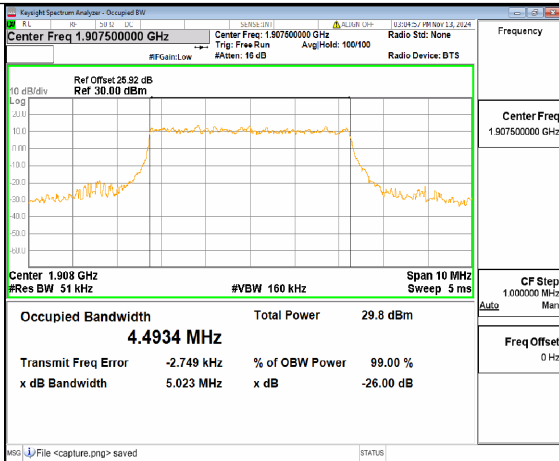
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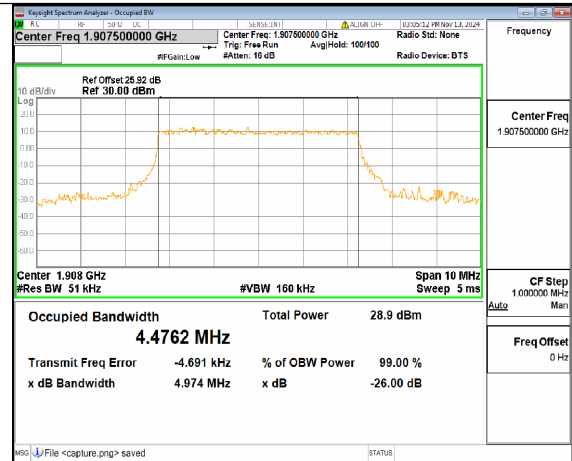
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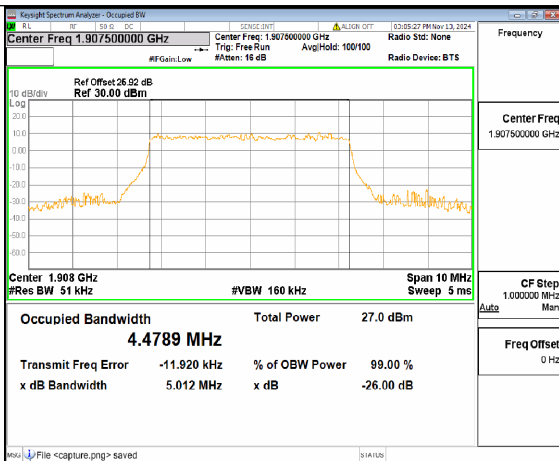
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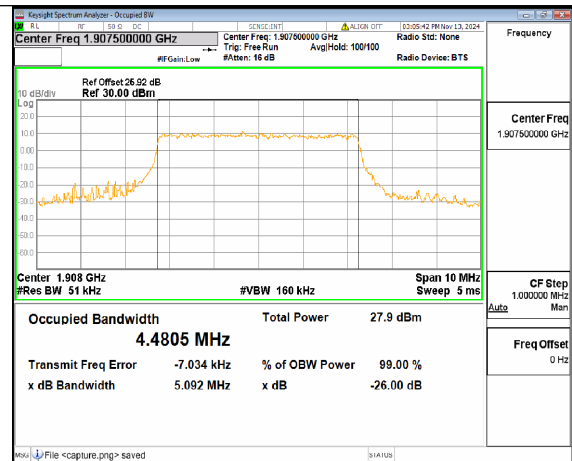
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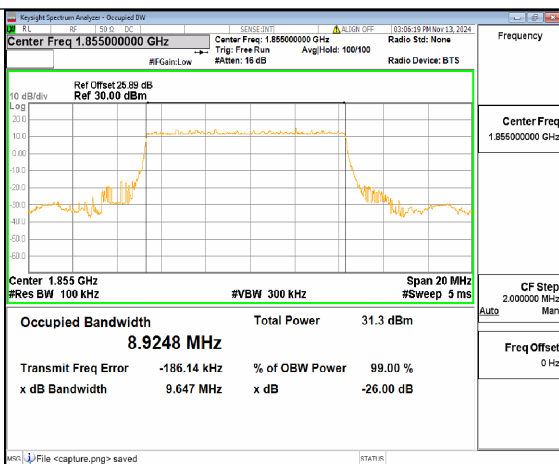
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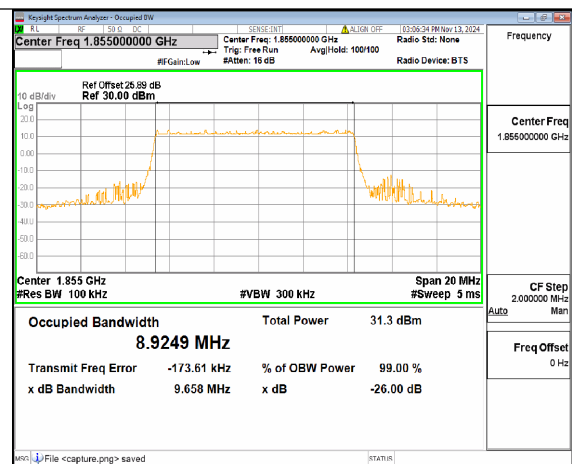
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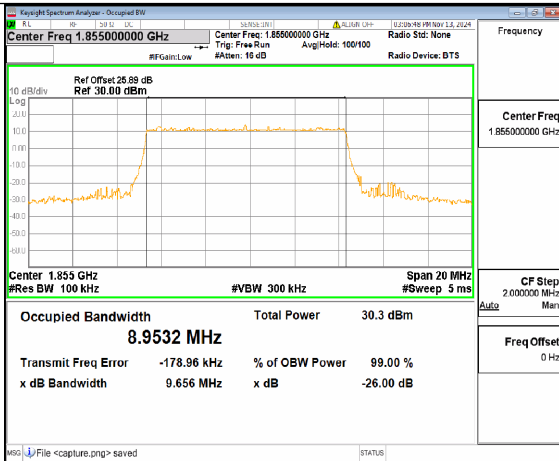
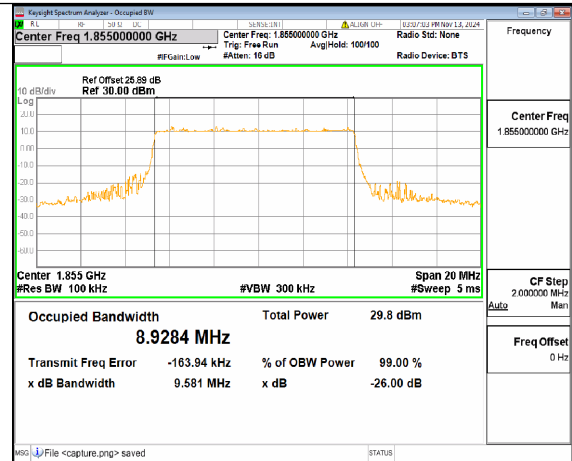
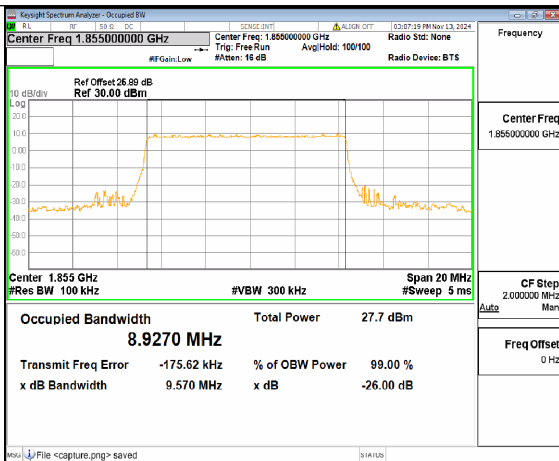
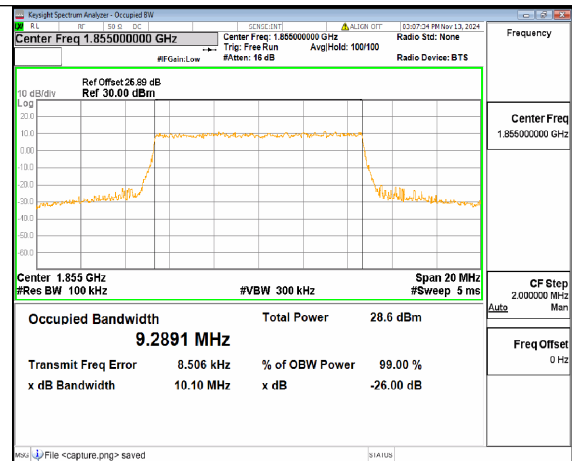
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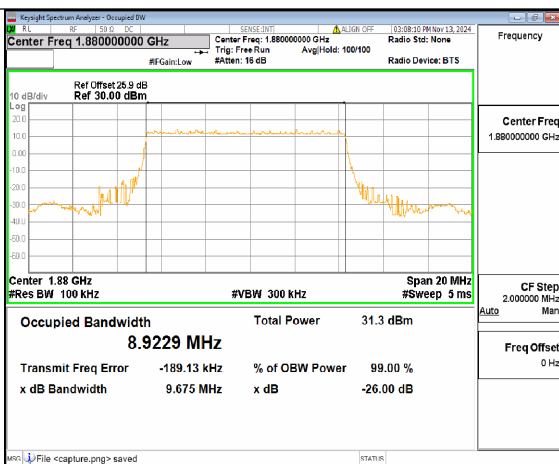
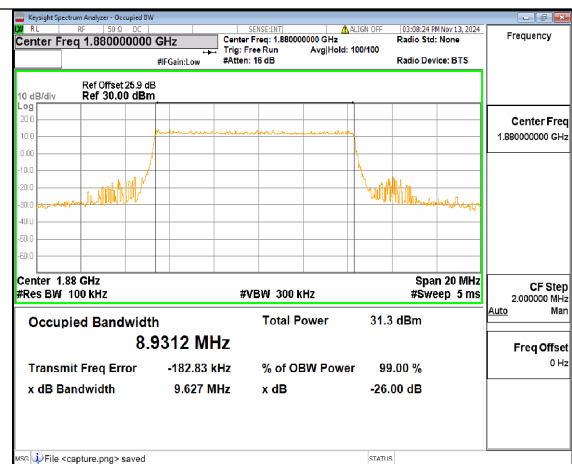
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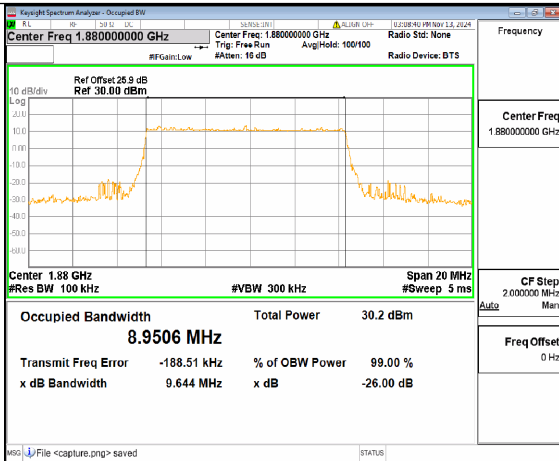
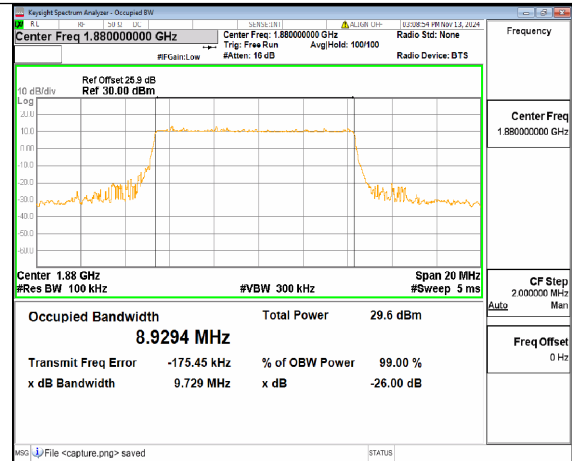
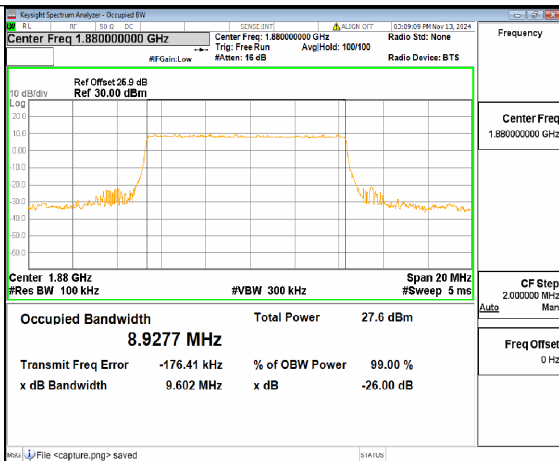
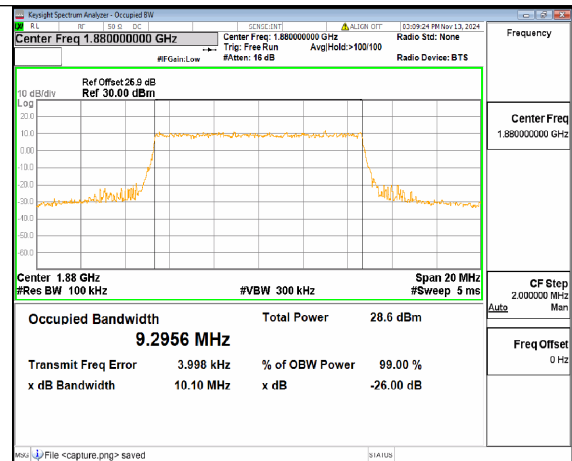


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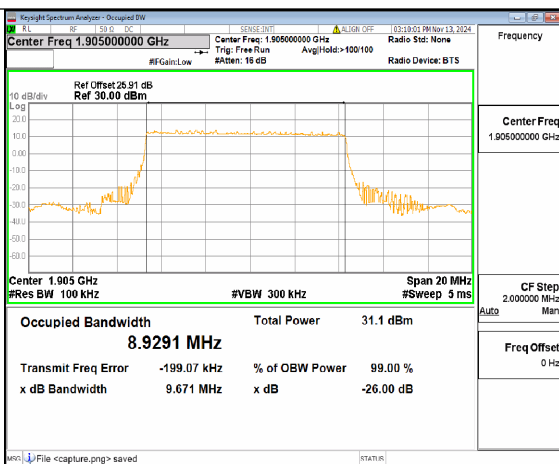
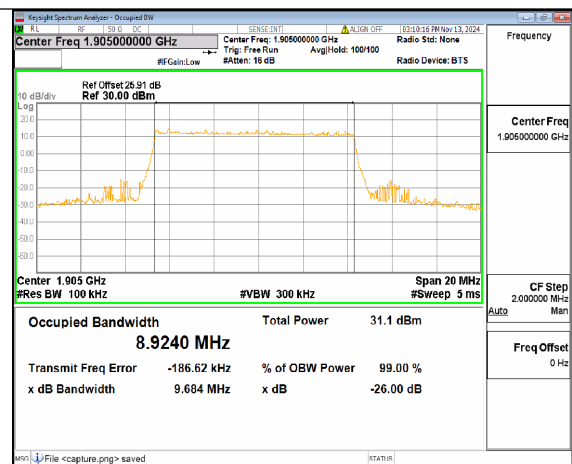
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Low

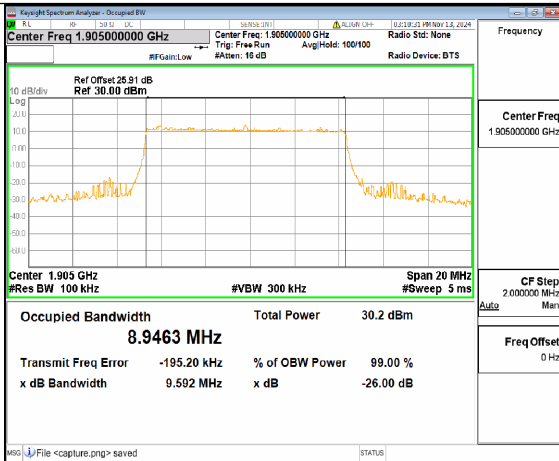
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Midn2 10M DFT-s-OFDM QPSK Outer_Full
Mid

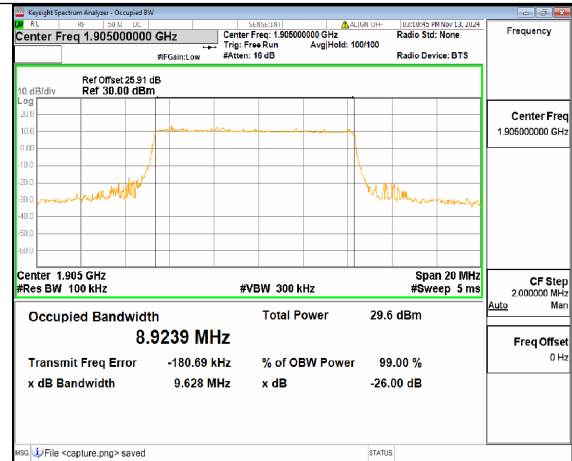
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Midn2 10M DFT-s-OFDM 64QAM Outer_Full
Midn2 10M DFT-s-OFDM 256QAM Outer_Full
Mid

n2 10M CP-OFDM QPSK Outer_Full Mid

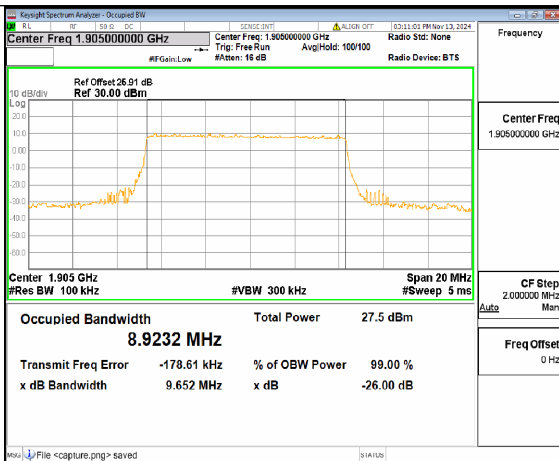
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High



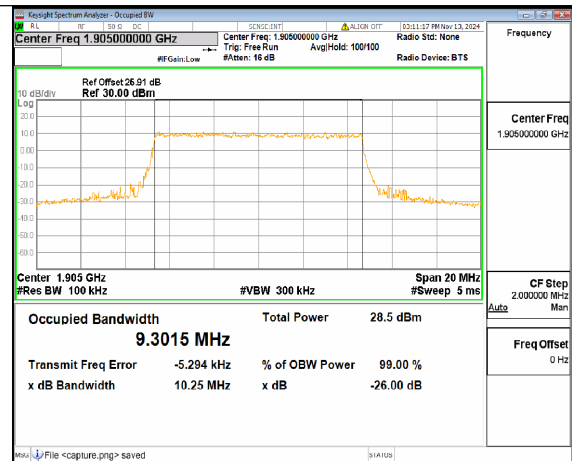
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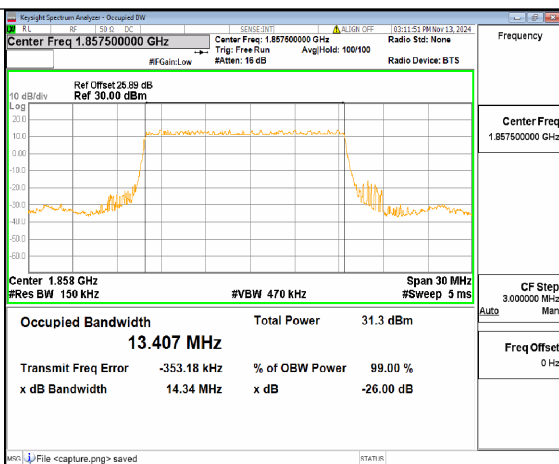
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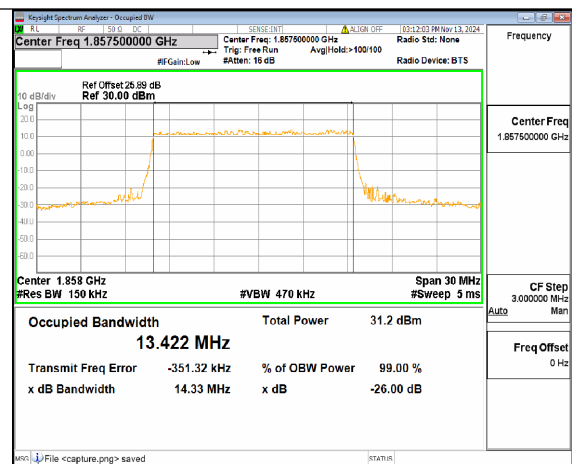
n2 10M DFT-s-OFDM 256QAM Outer_Full High



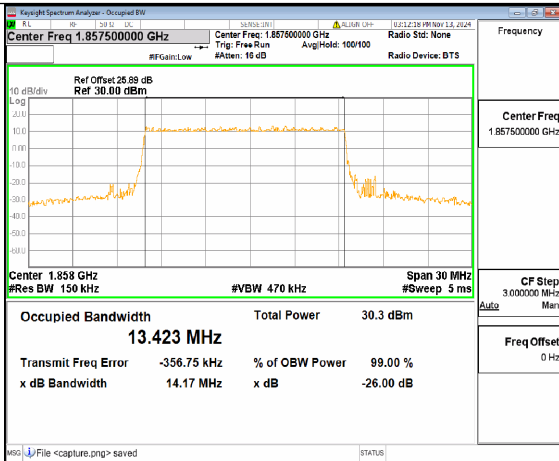
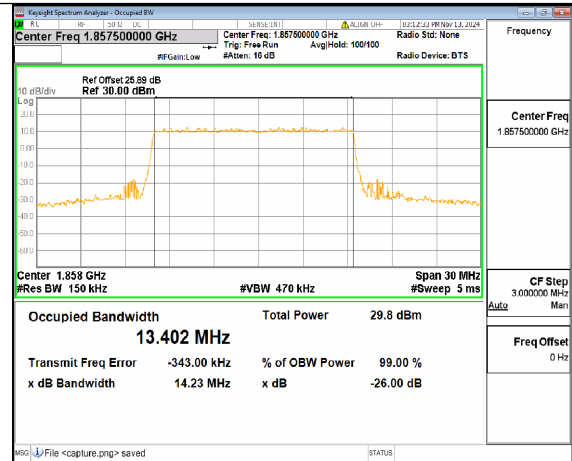
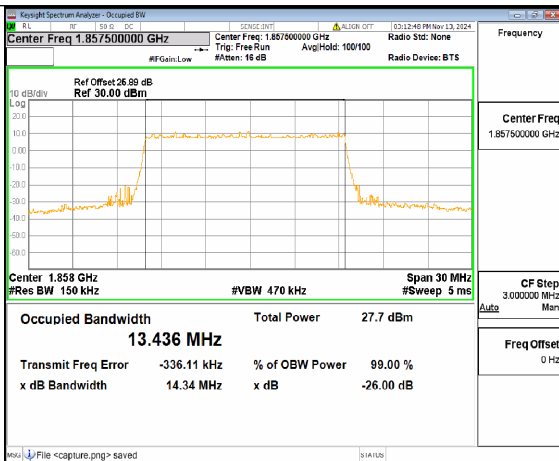
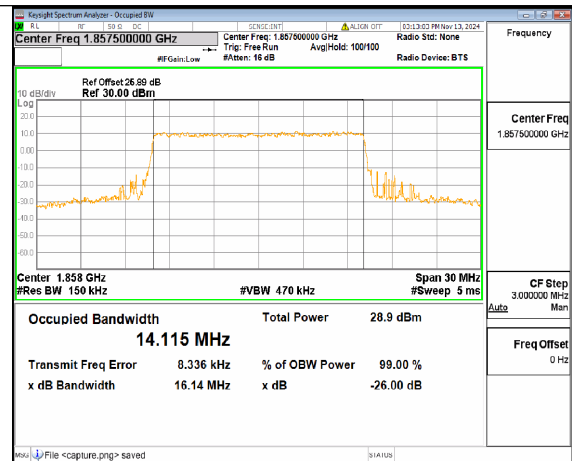
n2 10M CP-OFDM QPSK Outer_Full High



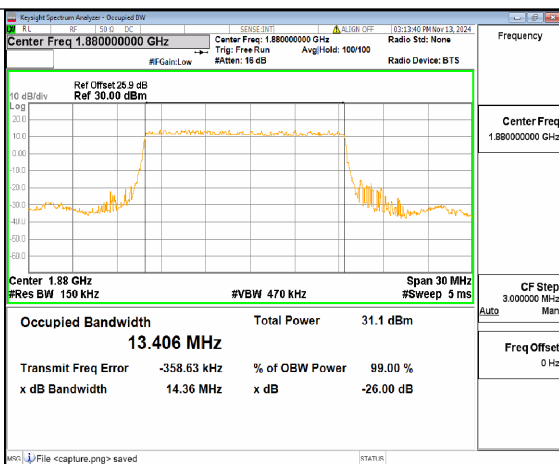
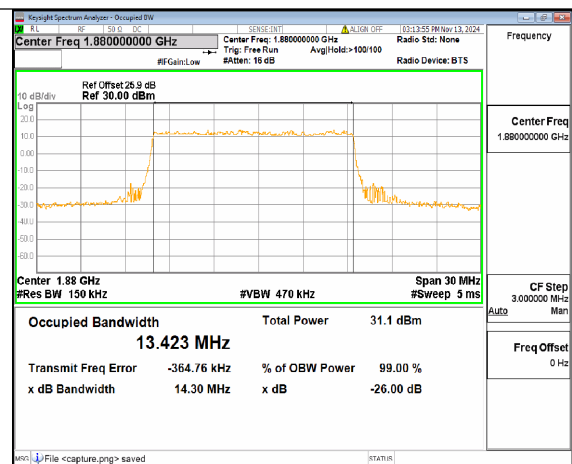
n2 15M DFT-s-OFDM BPSK Outer_Full Low

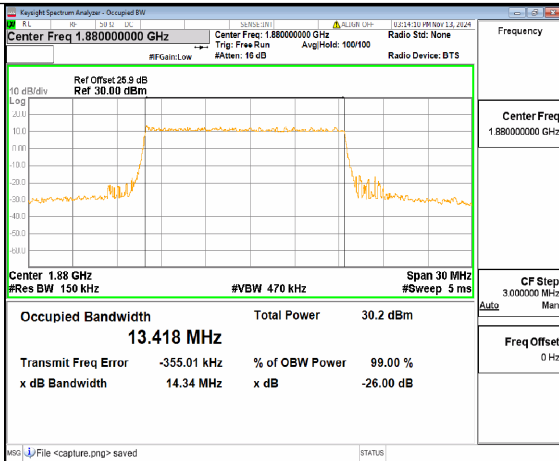
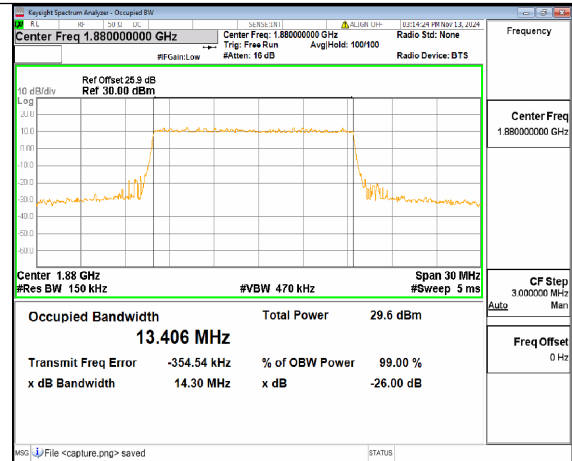
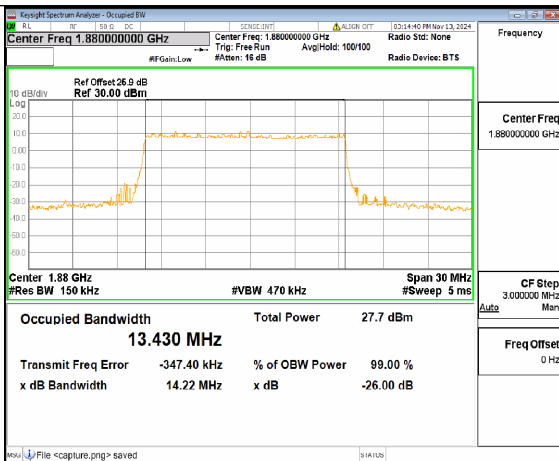
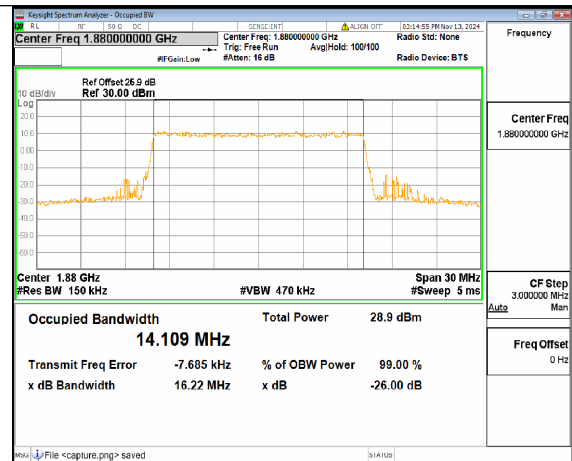


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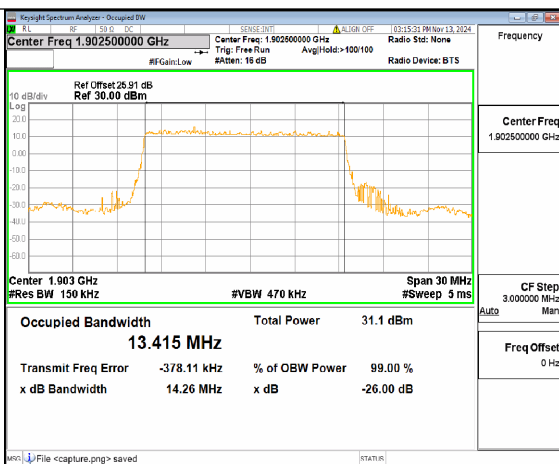
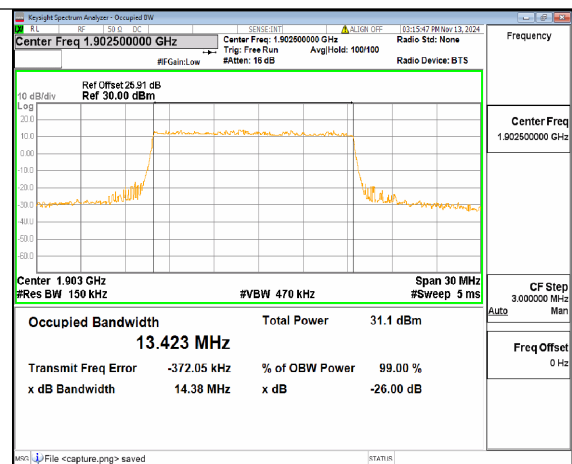
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Lown2 15M DFT-s-OFDM 64QAM Outer_Full
Lown2 15M DFT-s-OFDM 256QAM Outer_Full
Low

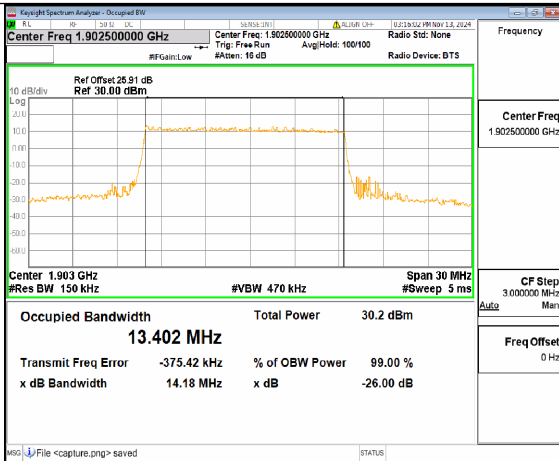
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n2 15M DFT-s-OFDM BPSK Outer_Full
Midn2 15M DFT-s-OFDM QPSK Outer_Full
Mid

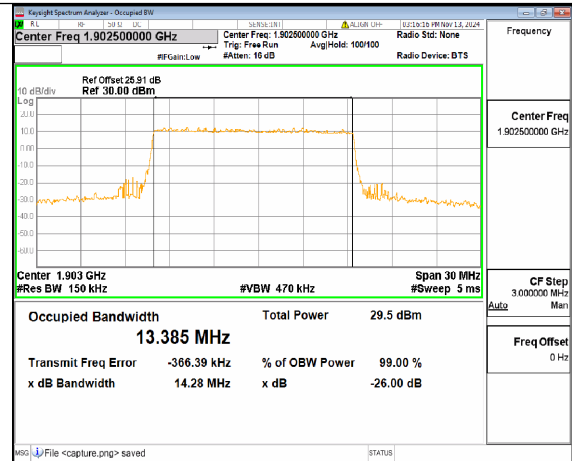
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Midn2 15M DFT-s-OFDM 64QAM Outer_Full
Midn2 15M DFT-s-OFDM 256QAM Outer_Full
Mid

n2 15M CP-OFDM QPSK Outer_Full Mid

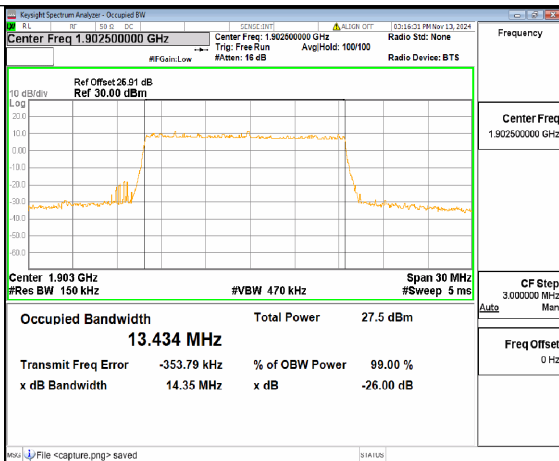
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Highn2 15M DFT-s-OFDM QPSK Outer_Full
High



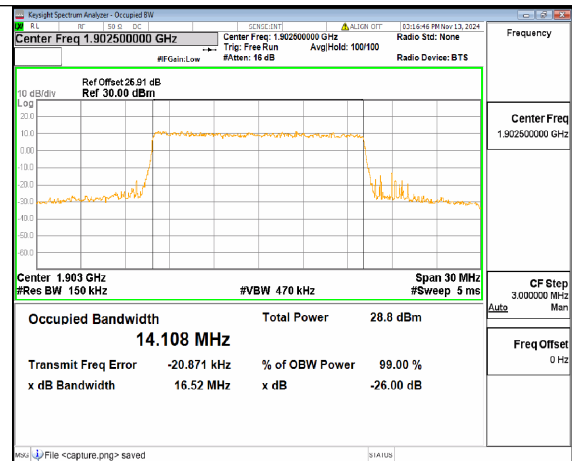
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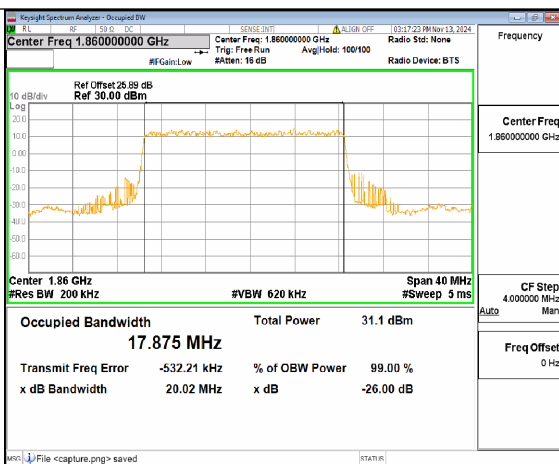
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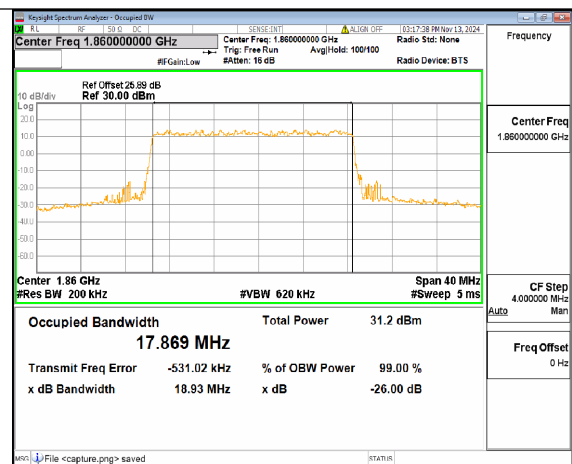
n2 15M DFT-s-OFDM 256QAM Outer_Full High



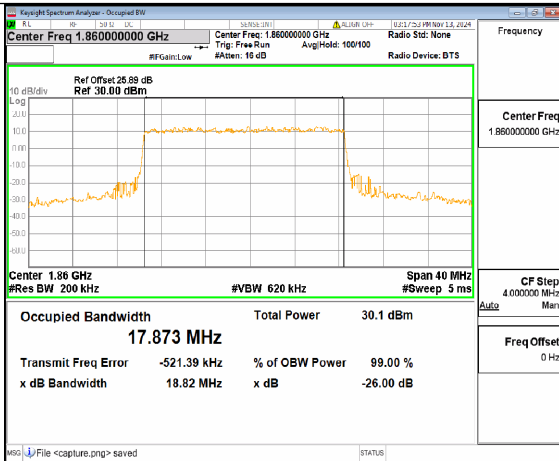
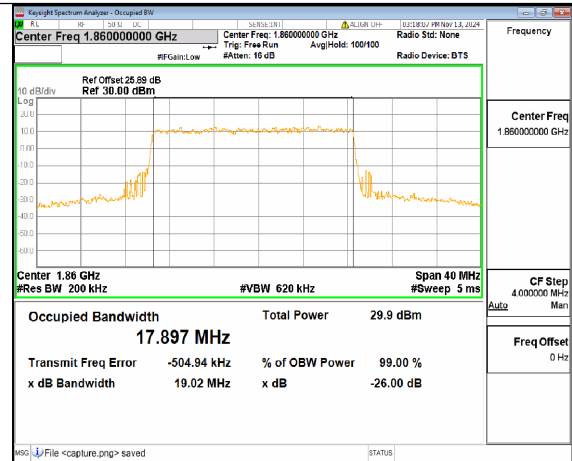
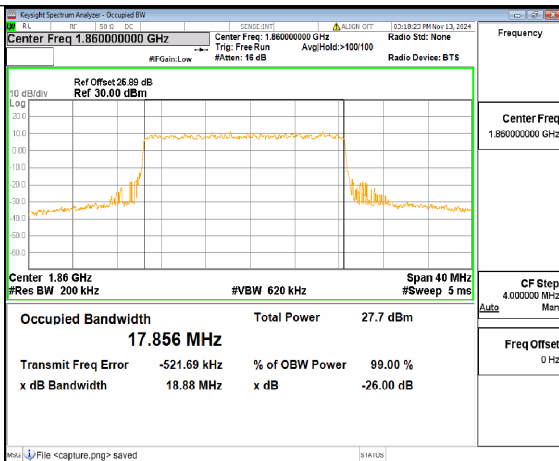
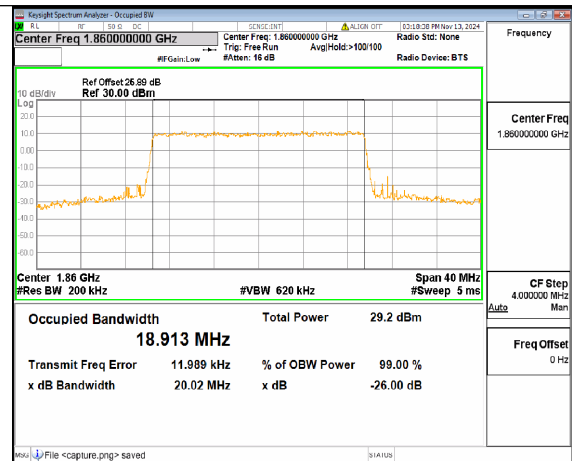
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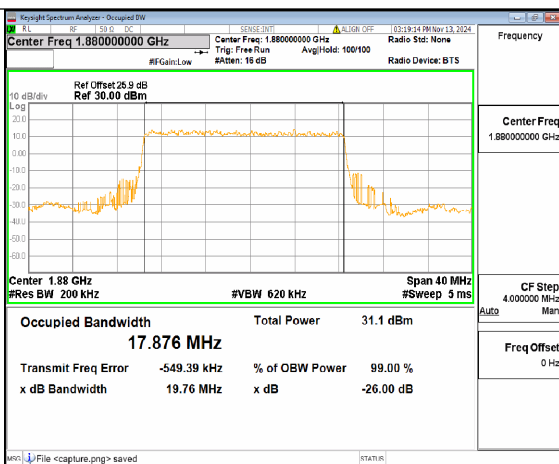
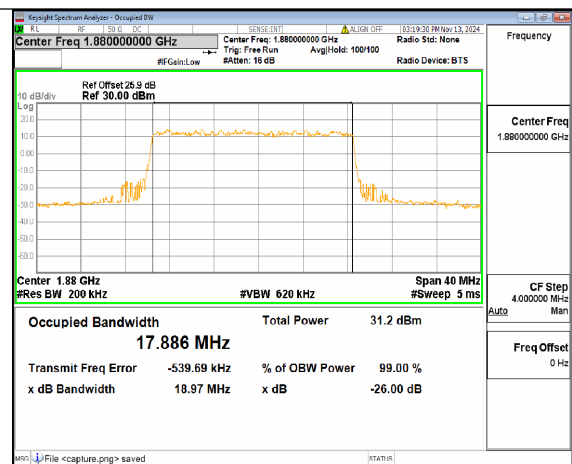
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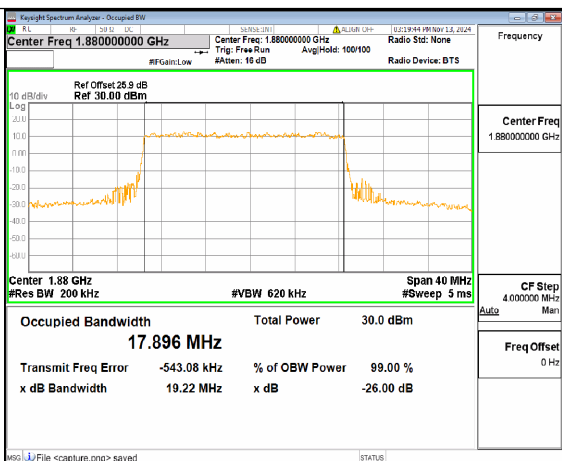
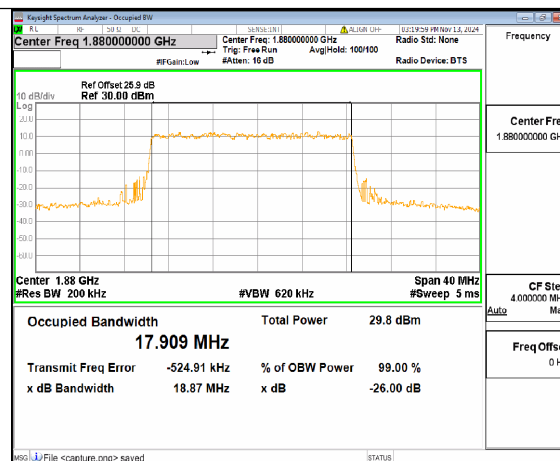
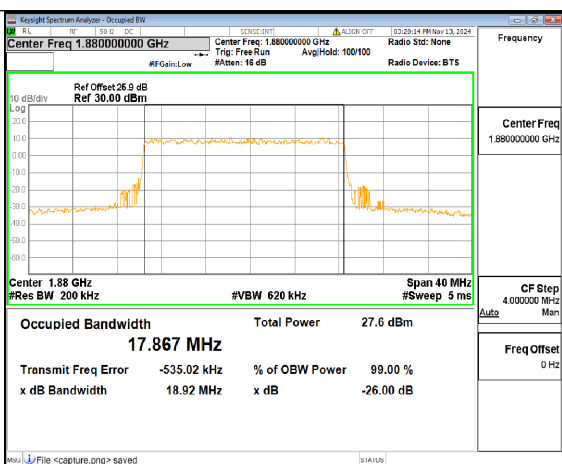
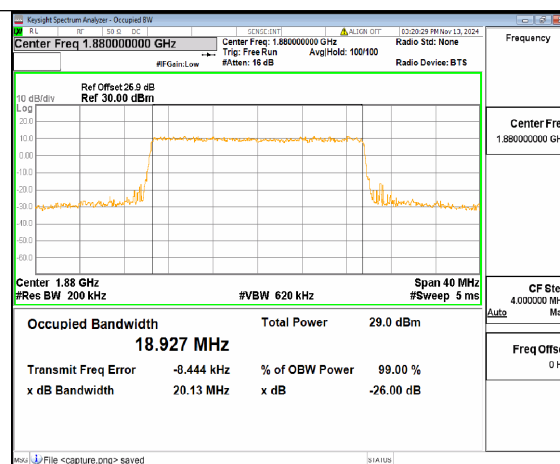


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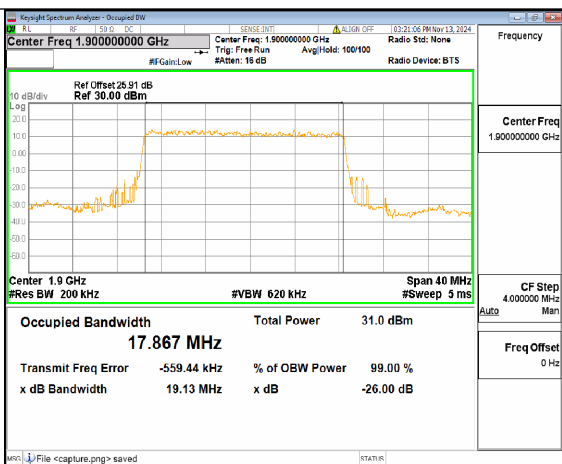
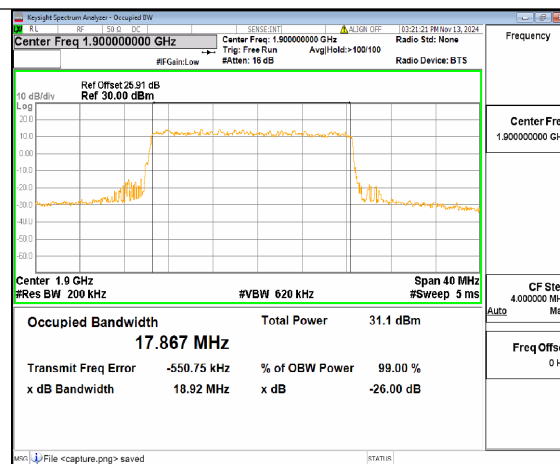
n2 20M DFT-s-OFDM 16QAM Outer_Full
Lown2 20M DFT-s-OFDM 64QAM Outer_Full
Lown2 20M DFT-s-OFDM 256QAM Outer_Full
Low

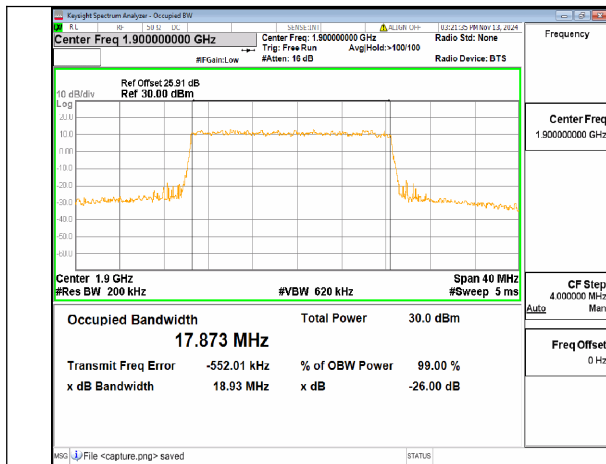
n2 20M CP-OFDM QPSK Outer_Full Low

n2 20M DFT-s-OFDM BPSK Outer_Full
Midn2 20M DFT-s-OFDM QPSK Outer_Full
Mid

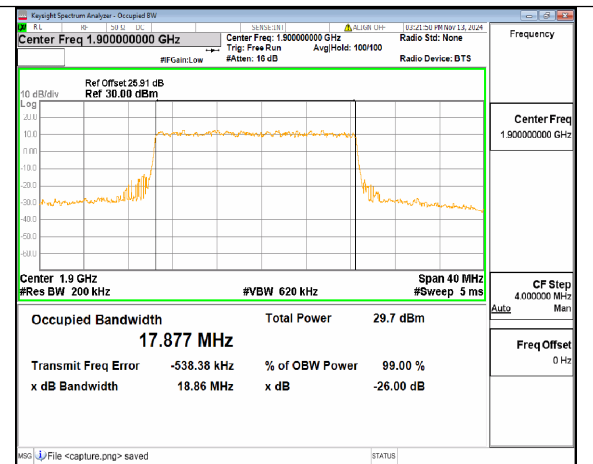
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Midn2 20M DFT-s-OFDM 64QAM Outer_Full
Midn2 20M DFT-s-OFDM 256QAM Outer_Full
Mid

n2 20M CP-OFDM QPSK Outer_Full Mid

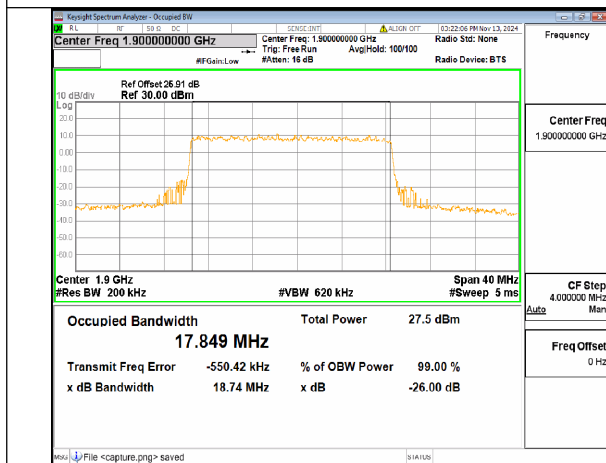
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Highn2 20M DFT-s-OFDM QPSK Outer_Full
High



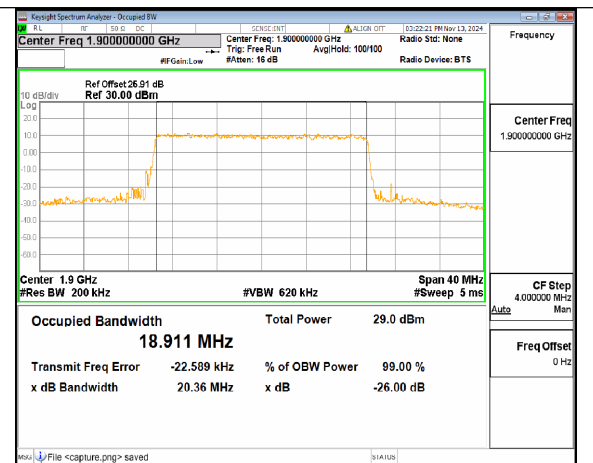
n2 20M DFT-s-OFDM 16QAM Outer_Full High



n2 20M DFT-s-OFDM 64QAM Outer_Full High



n2 20M DFT-s-OFDM 256QAM Outer_Full High



n2 20M CP-OFDM QPSK Outer_Full High

Band	SCS (kHz)	BW (MHz)	ARFCN	Modulation	RB	OBW (MHz)	26dB BW (MHz)	Verdict
n5	15	5	165300	DFT-s-OFDM PI/2 BPSK	25/0	4.4895	5.072	PASS
n5	15	5	165300	DFT-s-OFDM QPSK	25/0	4.4985	5.073	PASS
n5	15	5	165300	DFT-s-OFDM 16QAM	25/0	4.4908	4.984	PASS
n5	15	5	165300	DFT-s-OFDM 64QAM	25/0	4.4846	5.045	PASS



n5	15	5	165300	DFT-s-OFDM 256QAM	25/0	4.4757	4.950	PASS
n5	15	5	165300	CP-OFDM QPSK	25/0	4.4851	5.131	PASS
n5	15	5	167300	DFT-s-OFDM PI/2 BPSK	25/0	4.4841	5.002	PASS
n5	15	5	167300	DFT-s-OFDM QPSK	25/0	4.4873	5.094	PASS
n5	15	5	167300	DFT-s-OFDM 16QAM	25/0	4.4881	5.015	PASS
n5	15	5	167300	DFT-s-OFDM 64QAM	25/0	4.4790	4.957	PASS
n5	15	5	167300	DFT-s-OFDM 256QAM	25/0	4.4839	5.031	PASS
n5	15	5	167300	CP-OFDM QPSK	25/0	4.4706	5.074	PASS
n5	15	5	169300	DFT-s-OFDM PI/2 BPSK	25/0	4.4787	5.085	PASS
n5	15	5	169300	DFT-s-OFDM QPSK	25/0	4.5001	5.182	PASS
n5	15	5	169300	DFT-s-OFDM 16QAM	25/0	4.4803	5.007	PASS
n5	15	5	169300	DFT-s-OFDM 64QAM	25/0	4.4624	4.929	PASS
n5	15	5	169300	DFT-s-OFDM 256QAM	25/0	4.4732	4.999	PASS
n5	15	5	169300	CP-OFDM QPSK	25/0	4.4743	5.218	PASS
n5	15	10	165800	DFT-s-OFDM PI/2 BPSK	50/0	8.9183	9.655	PASS
n5	15	10	165800	DFT-s-OFDM QPSK	50/0	8.9421	9.762	PASS



n5	15	10	165800	DFT-s-OFDM 16QAM	50/0	8.9479	9.612	PASS
n5	15	10	165800	DFT-s-OFDM 64QAM	50/0	8.9299	9.621	PASS
n5	15	10	165800	DFT-s-OFDM 256QAM	50/0	8.9268	9.716	PASS
n5	15	10	165800	CP-OFDM QPSK	52/0	9.2937	10.240	PASS
n5	15	10	167300	DFT-s-OFDM PI/2 BPSK	50/0	8.9220	9.594	PASS
n5	15	10	167300	DFT-s-OFDM QPSK	50/0	8.9185	9.694	PASS
n5	15	10	167300	DFT-s-OFDM 16QAM	50/0	8.9413	9.620	PASS
n5	15	10	167300	DFT-s-OFDM 64QAM	50/0	8.9213	9.654	PASS
n5	15	10	167300	DFT-s-OFDM 256QAM	50/0	8.9156	9.573	PASS
n5	15	10	167300	CP-OFDM QPSK	52/0	9.2952	10.143	PASS
n5	15	10	168800	DFT-s-OFDM PI/2 BPSK	50/0	8.9217	9.595	PASS
n5	15	10	168800	DFT-s-OFDM QPSK	50/0	8.9468	9.627	PASS
n5	15	10	168800	DFT-s-OFDM 16QAM	50/0	8.9315	9.611	PASS
n5	15	10	168800	DFT-s-OFDM 64QAM	50/0	8.9124	9.580	PASS
n5	15	10	168800	DFT-s-OFDM 256QAM	50/0	8.9120	9.571	PASS
n5	15	10	168800	CP-OFDM QPSK	52/0	9.2764	10.098	PASS



REPORT No.: SZ24090048W10

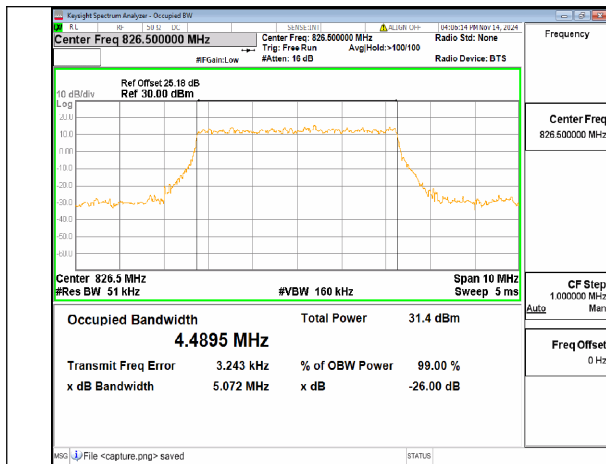
n5	15	15	166300	DFT-s-OFDM PI/2 BPSK	75/0	13.416	14.242	PASS
n5	15	15	166300	DFT-s-OFDM QPSK	75/0	13.425	14.395	PASS
n5	15	15	166300	DFT-s-OFDM 16QAM	75/0	13.428	14.323	PASS
n5	15	15	166300	DFT-s-OFDM 64QAM	75/0	13.394	14.305	PASS
n5	15	15	166300	DFT-s-OFDM 256QAM	75/0	13.426	14.202	PASS
n5	15	15	166300	CP-OFDM QPSK	79/0	14.106	15.087	PASS
n5	15	15	167300	DFT-s-OFDM PI/2 BPSK	75/0	13.410	14.171	PASS
n5	15	15	167300	DFT-s-OFDM QPSK	75/0	13.407	14.255	PASS
n5	15	15	167300	DFT-s-OFDM 16QAM	75/0	13.419	14.310	PASS
n5	15	15	167300	DFT-s-OFDM 64QAM	75/0	13.386	14.351	PASS
n5	15	15	167300	DFT-s-OFDM 256QAM	75/0	13.423	14.204	PASS
n5	15	15	167300	CP-OFDM QPSK	79/0	14.101	15.070	PASS
n5	15	15	168300	DFT-s-OFDM PI/2 BPSK	75/0	13.412	14.247	PASS
n5	15	15	168300	DFT-s-OFDM QPSK	75/0	13.402	14.270	PASS
n5	15	15	168300	DFT-s-OFDM 16QAM	75/0	13.404	14.223	PASS
n5	15	15	168300	DFT-s-OFDM	75/0	13.392	14.214	PASS



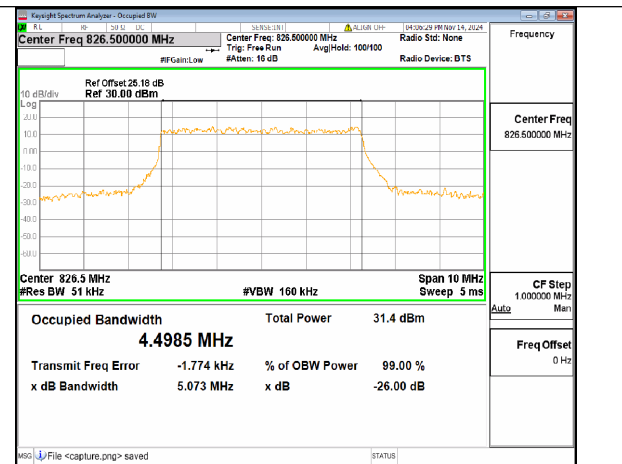
				64QAM				
n5	15	15	168300	DFT-s-OFDM 256QAM	75/0	13.432	14.319	PASS
n5	15	15	168300	CP-OFDM QPSK	79/0	14.092	15.073	PASS
n5	15	20	166800	DFT-s-OFDM PI/2 BPSK	100/0	17.855	18.818	PASS
n5	15	20	166800	DFT-s-OFDM QPSK	100/0	17.855	18.799	PASS
n5	15	20	166800	DFT-s-OFDM 16QAM	100/0	17.877	18.899	PASS
n5	15	20	166800	DFT-s-OFDM 64QAM	100/0	17.891	18.948	PASS
n5	15	20	166800	DFT-s-OFDM 256QAM	100/0	17.850	18.794	PASS
n5	15	20	166800	CP-OFDM QPSK	106/0	18.894	19.920	PASS
n5	15	20	167300	DFT-s-OFDM PI/2 BPSK	100/0	17.853	18.814	PASS
n5	15	20	167300	DFT-s-OFDM QPSK	100/0	17.848	18.857	PASS
n5	15	20	167300	DFT-s-OFDM 16QAM	100/0	17.864	18.776	PASS
n5	15	20	167300	DFT-s-OFDM 64QAM	100/0	17.882	18.838	PASS
n5	15	20	167300	DFT-s-OFDM 256QAM	100/0	17.837	18.785	PASS
n5	15	20	167300	CP-OFDM QPSK	106/0	18.892	19.938	PASS
n5	15	20	167800	DFT-s-OFDM PI/2 BPSK	100/0	17.848	18.861	PASS
n5	15	20	167800	DFT-s-	100/0	17.839	18.935	PASS



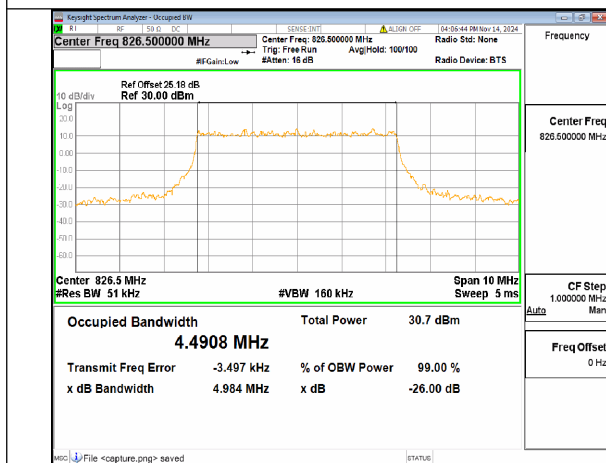
				OFDM QPSK				
n5	15	20	167800	DFT-s-OFDM 16QAM	100/0	17.871	18.845	PASS
n5	15	20	167800	DFT-s-OFDM 64QAM	100/0	17.891	18.852	PASS
n5	15	20	167800	DFT-s-OFDM 256QAM	100/0	17.837	18.704	PASS
n5	15	20	167800	CP-OFDM QPSK	106/0	18.863	20.010	PASS



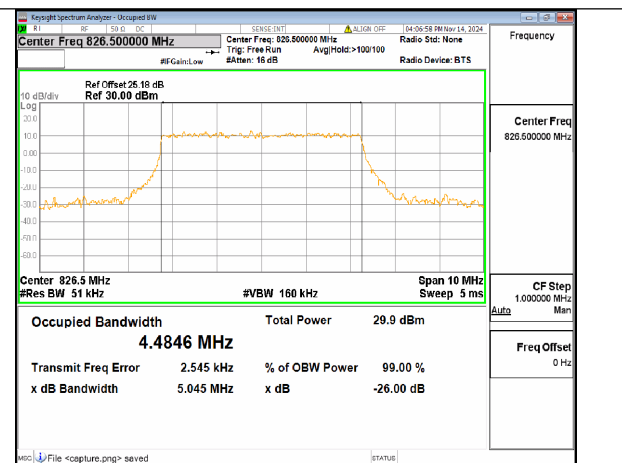
n5 5M DFT-s-OFDM BPSK Outer_Full Low



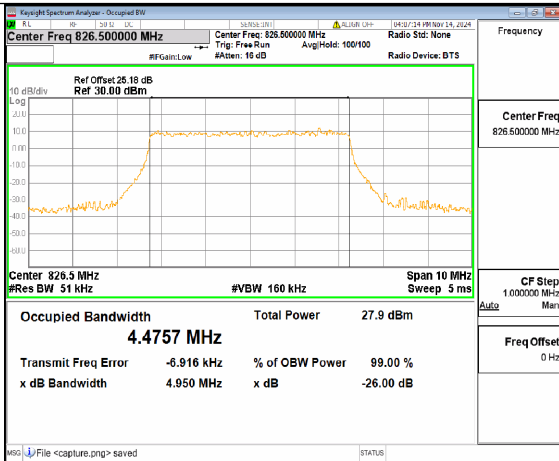
n5 5M DFT-s-OFDM QPSK Outer_Full Low



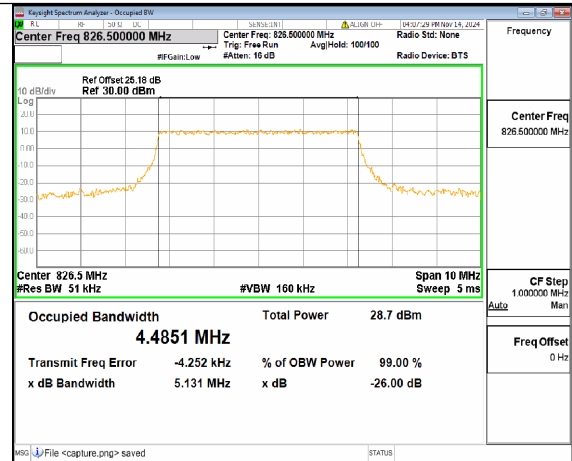
n5 5M DFT-s-OFDM 16QAM Outer_Full Low



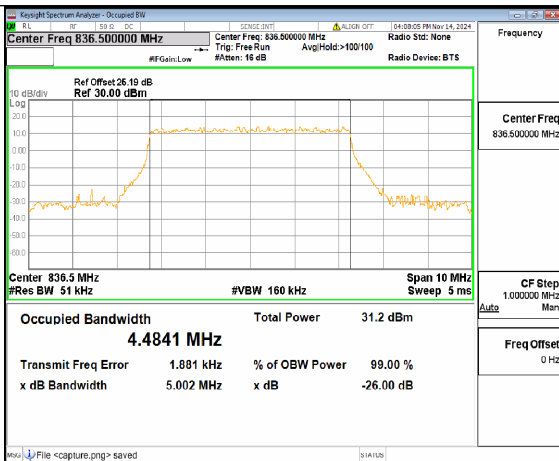
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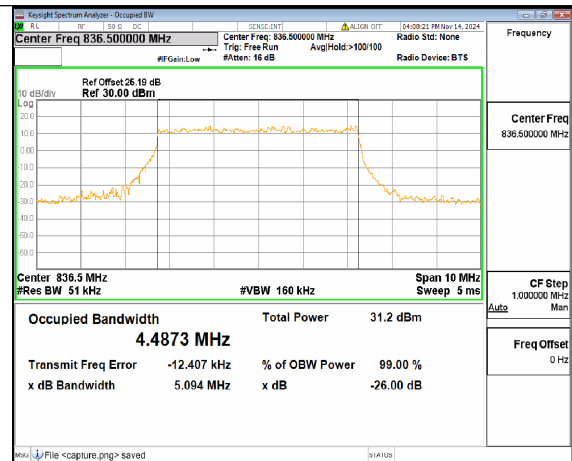
n5 5M DFT-s-OFDM 256QAM Outer_Full Low



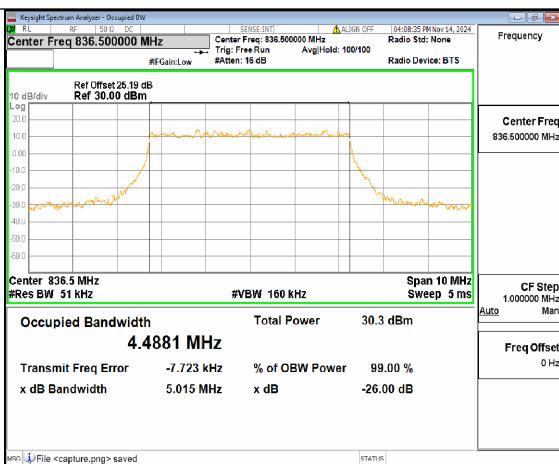
n5 5M CP-OFDM QPSK Outer_Full Low



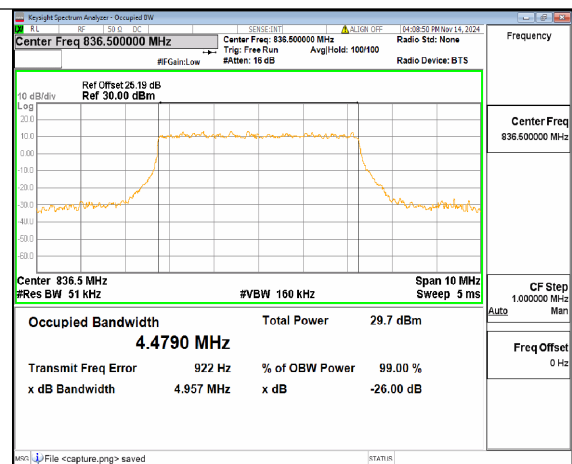
n5 5M DFT-s-OFDM BPSK Outer_Full Mid



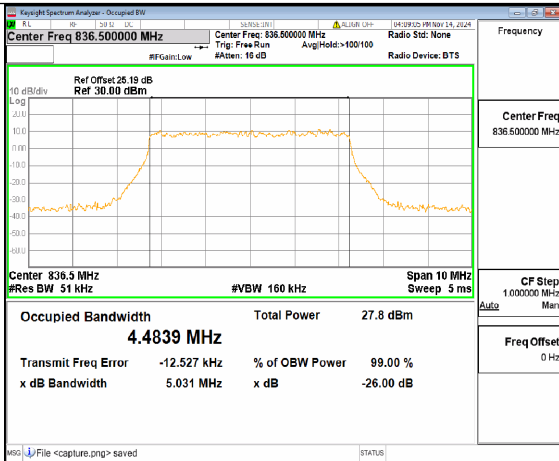
n5 5M DFT-s-OFDM QPSK Outer_Full Mid



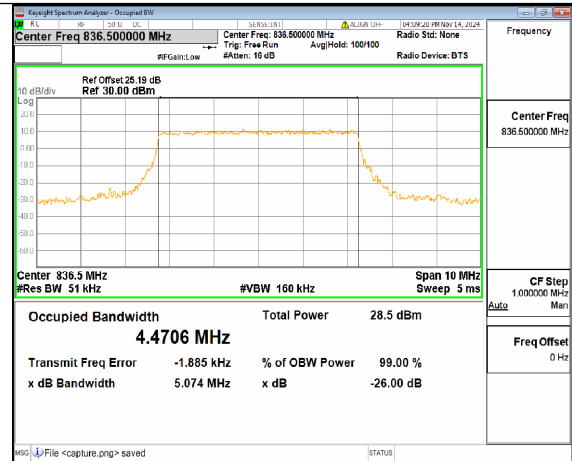
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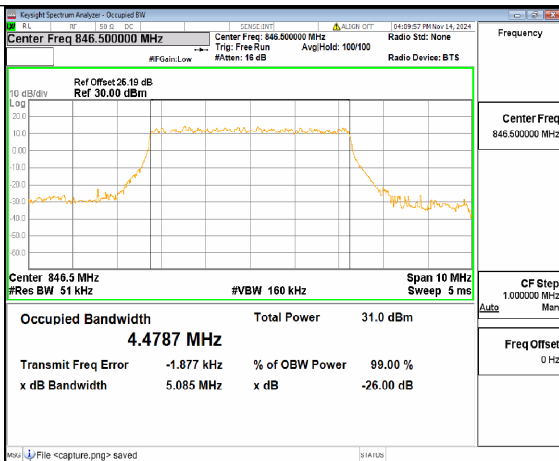
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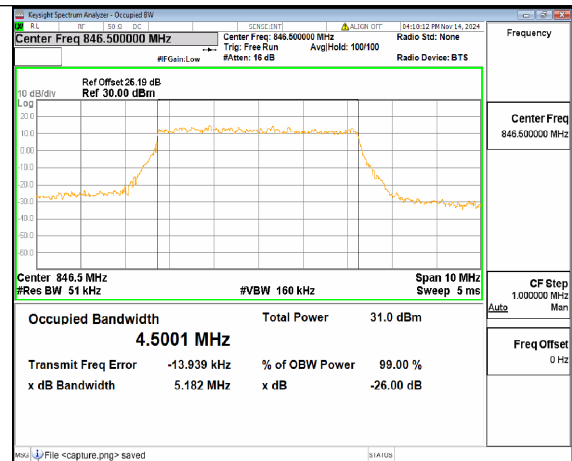
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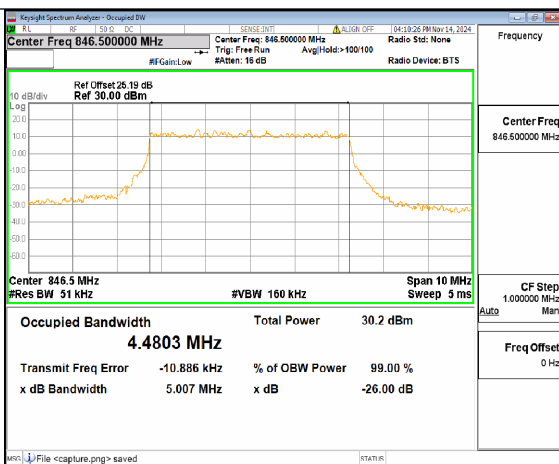
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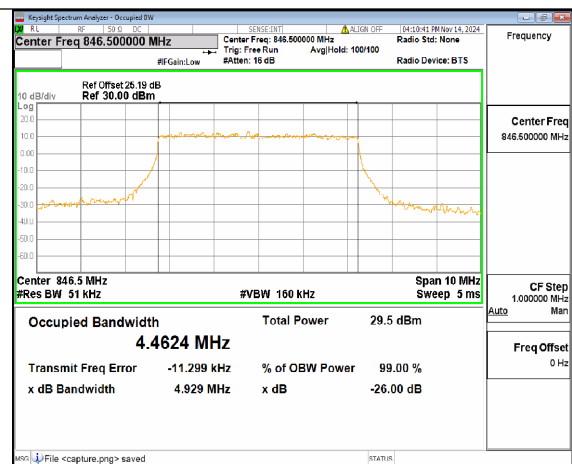
n5 5M DFT-s-OFDM BPSK Outer_Full High



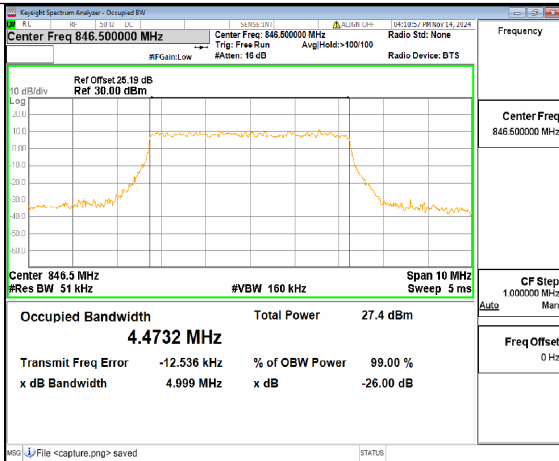
n5 5M DFT-s-OFDM QPSK Outer_Full High



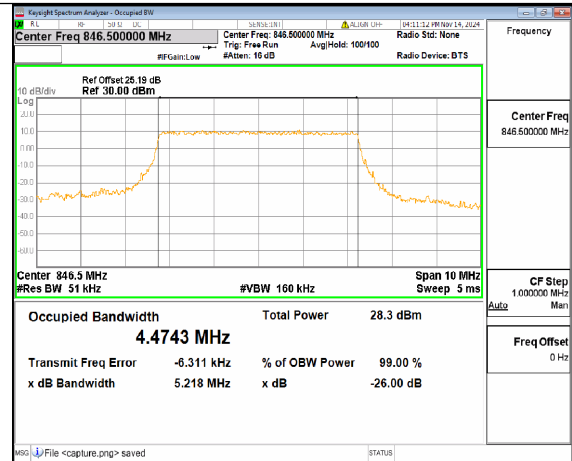
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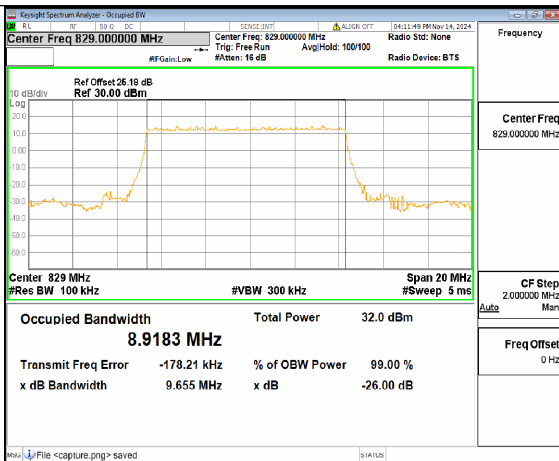
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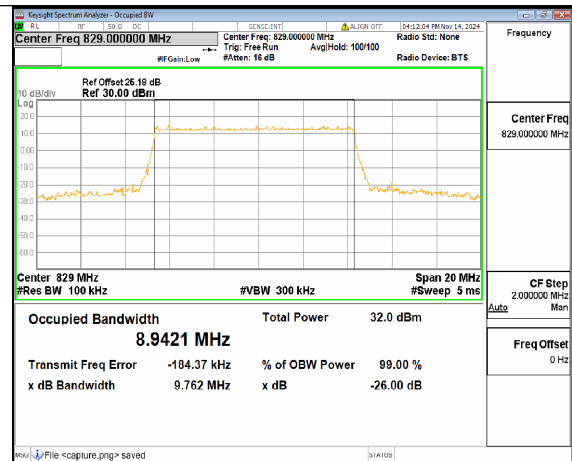
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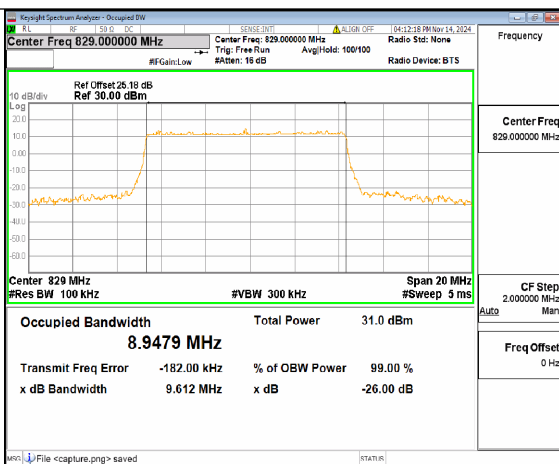
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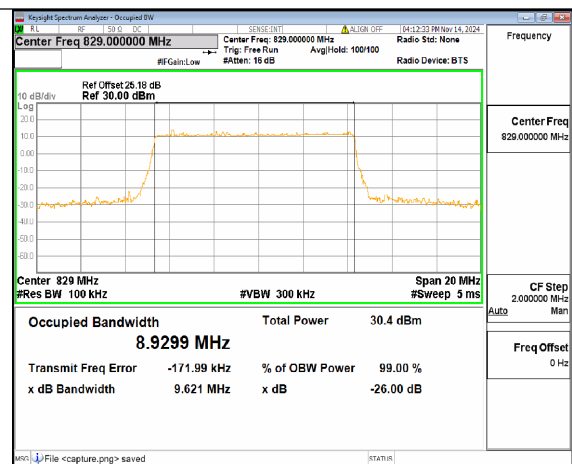
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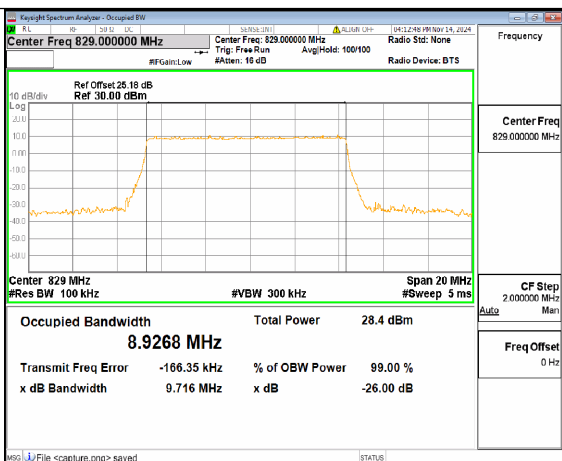
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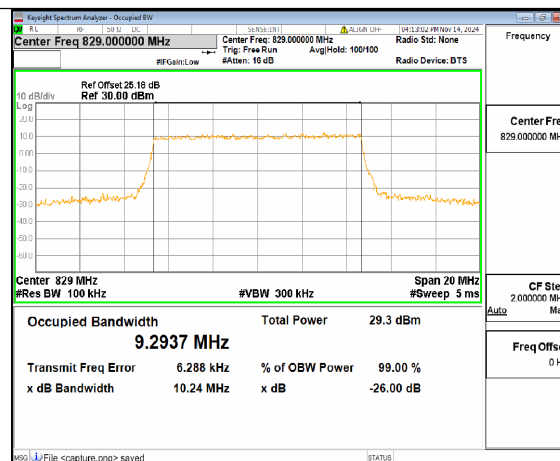
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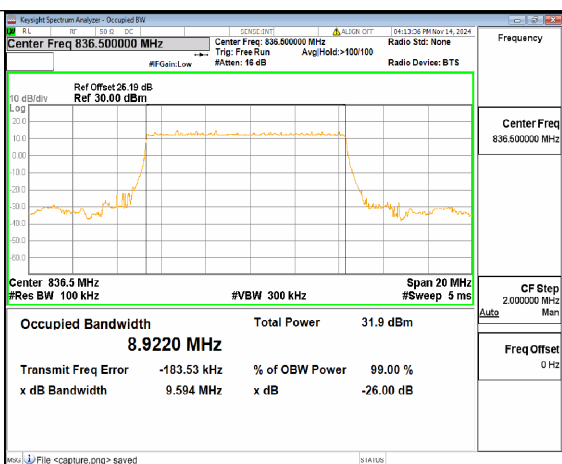
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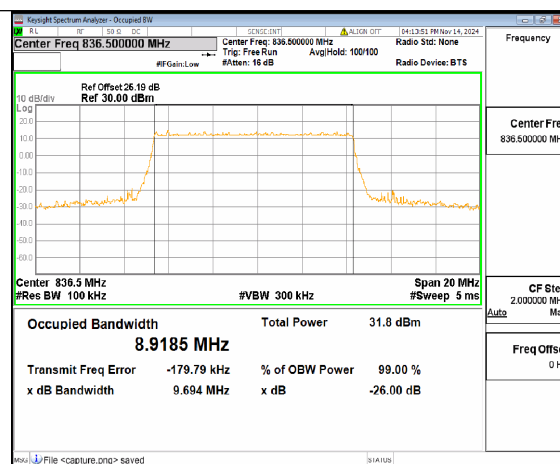
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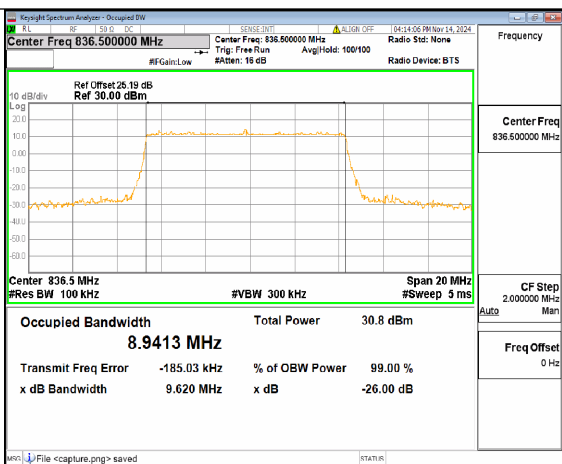
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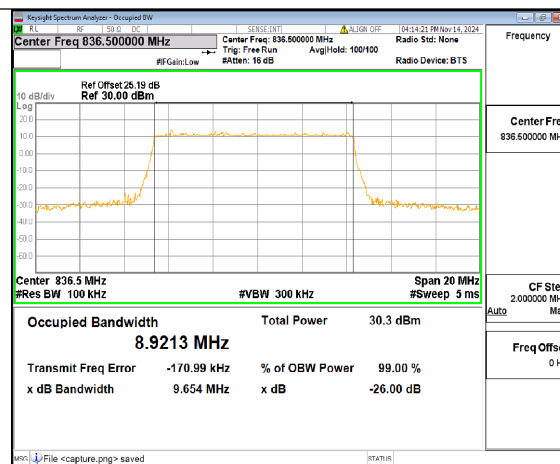
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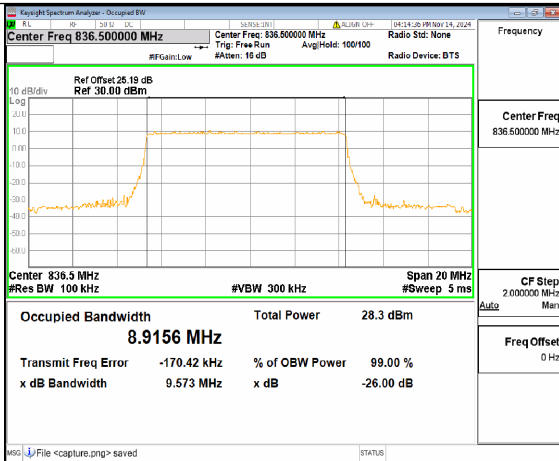
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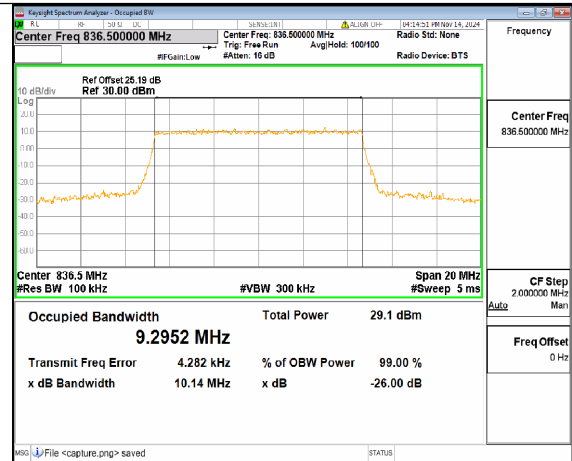
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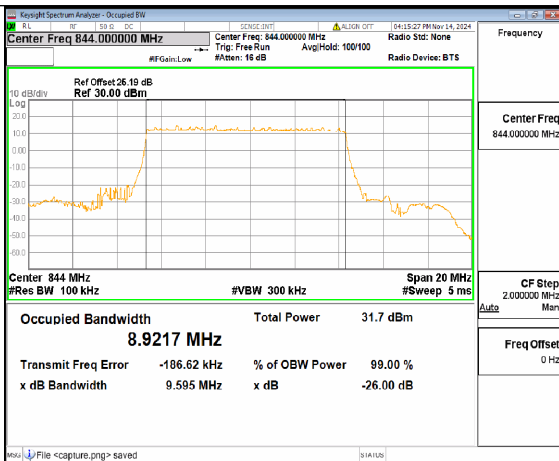
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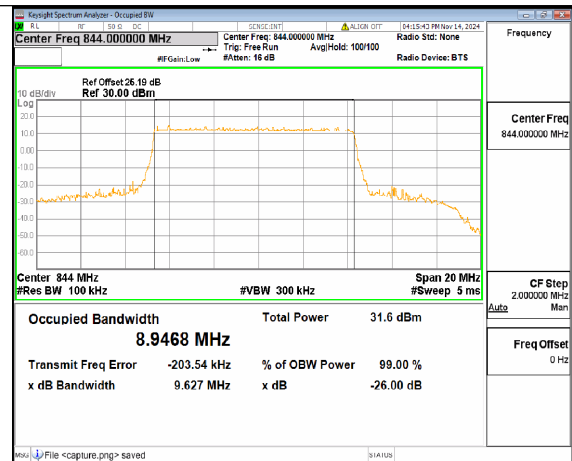
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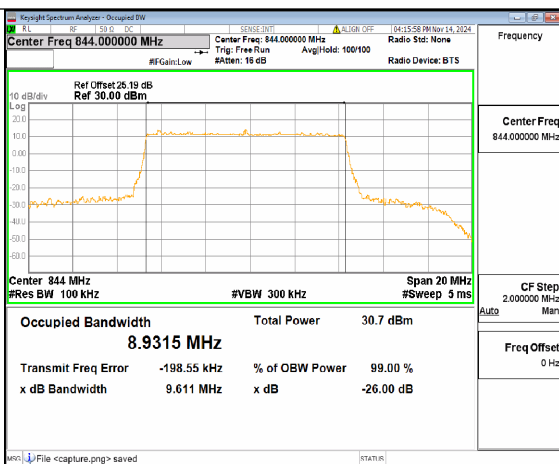
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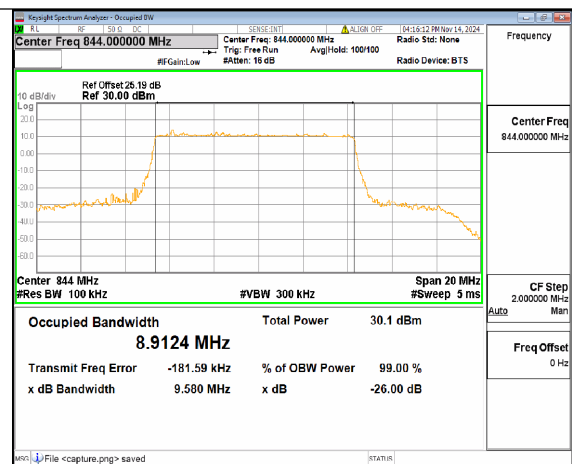
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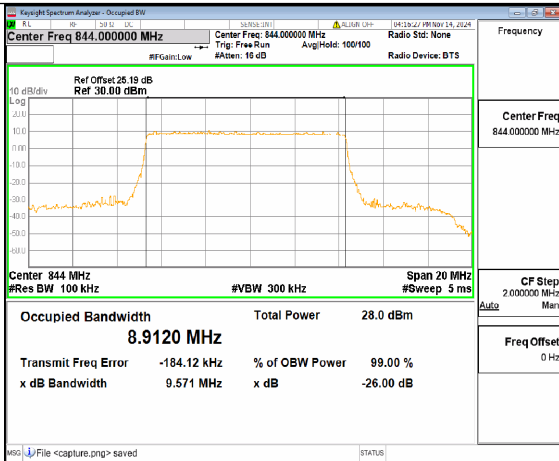
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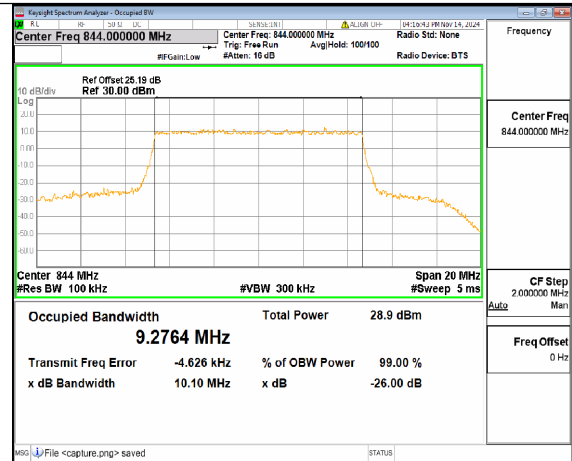
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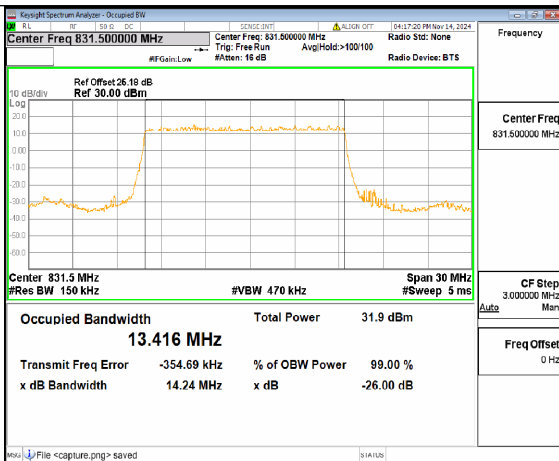
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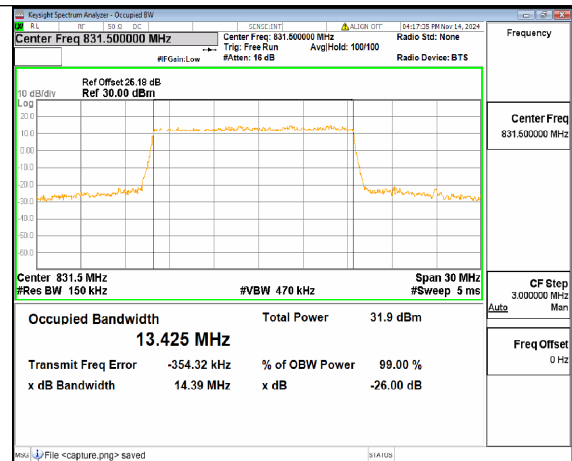
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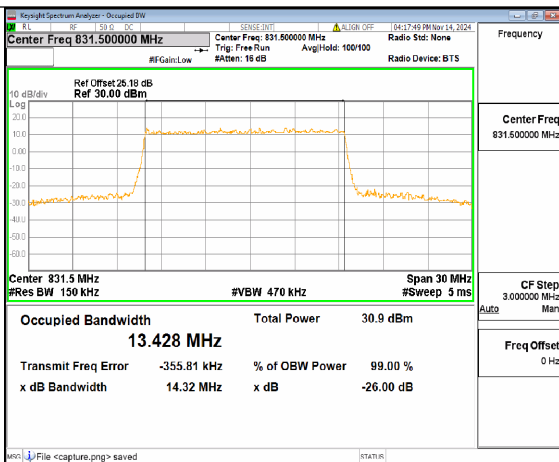
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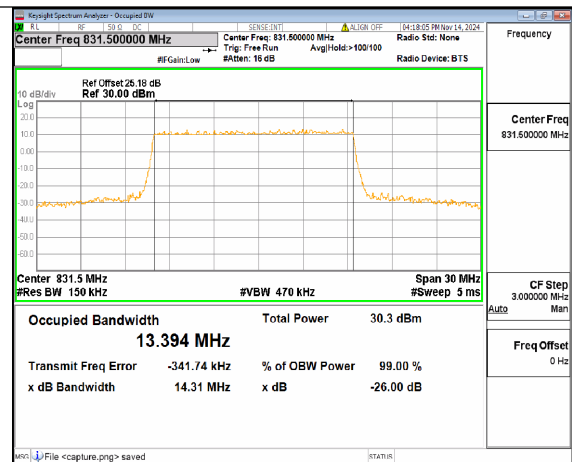
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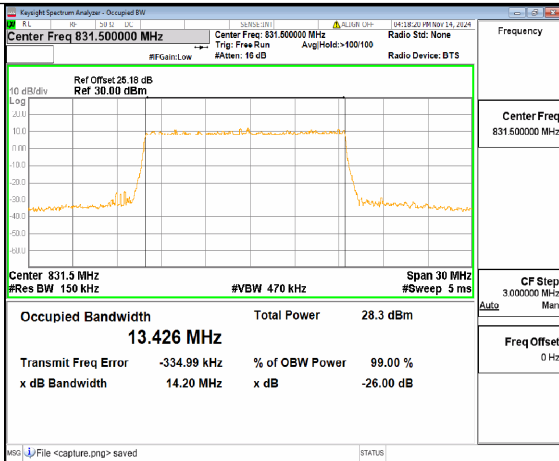
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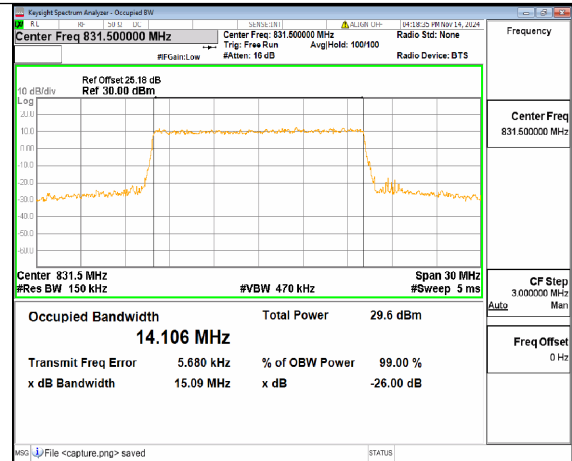
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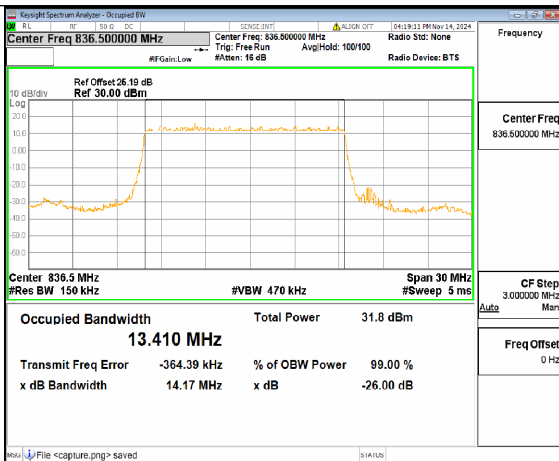
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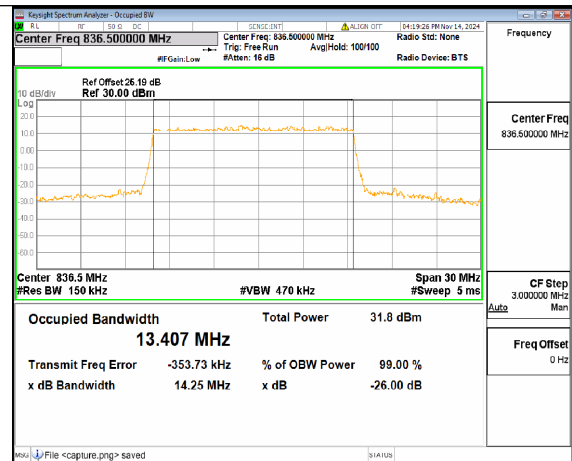
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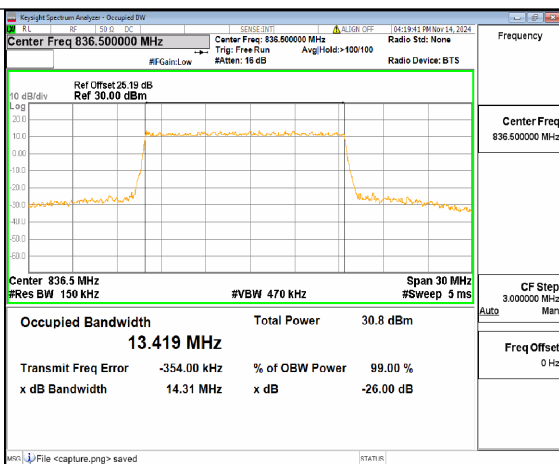
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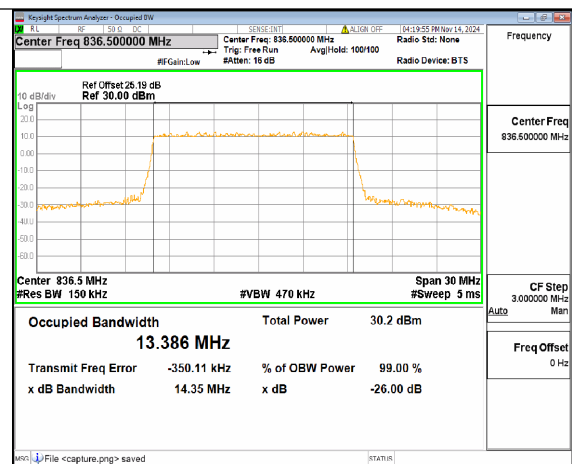
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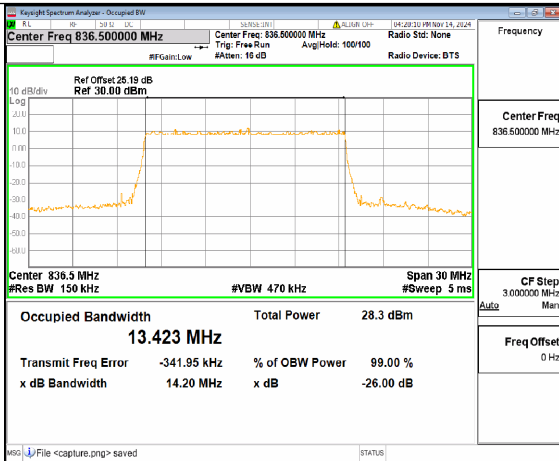
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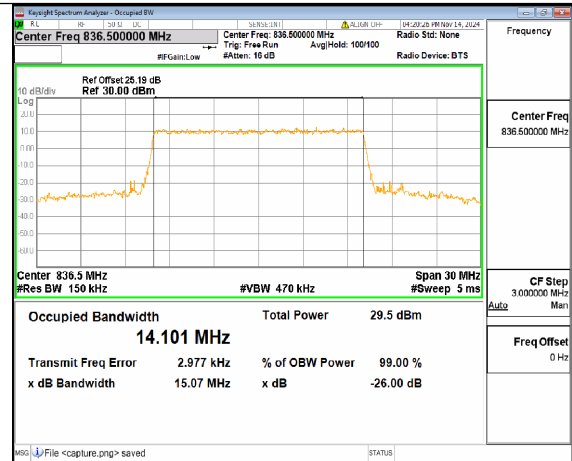
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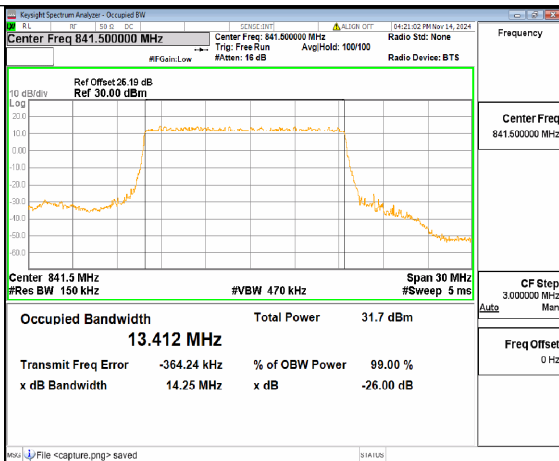
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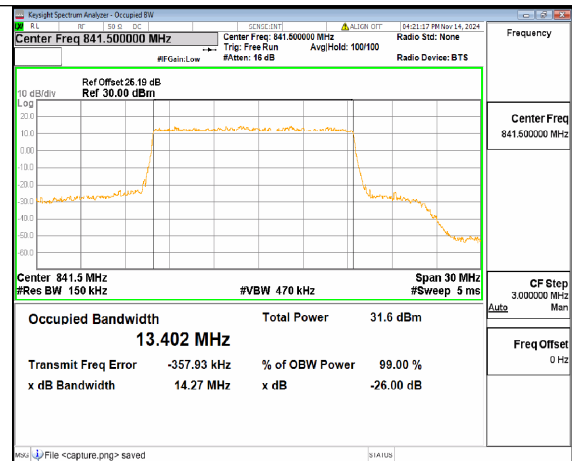
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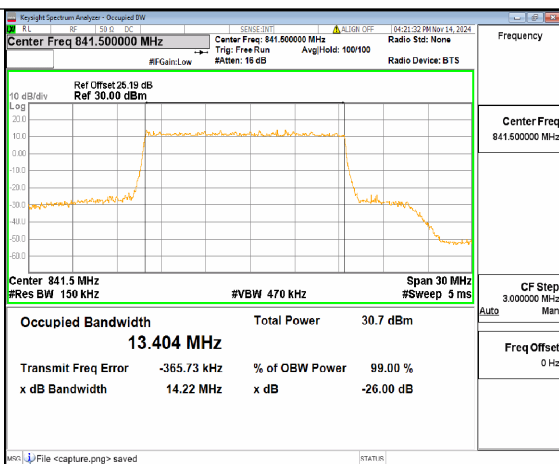
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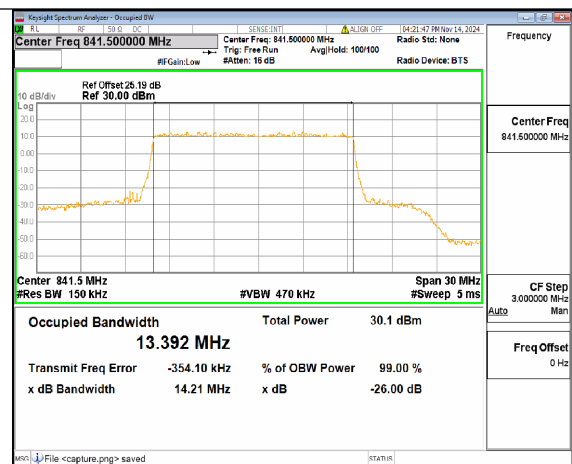
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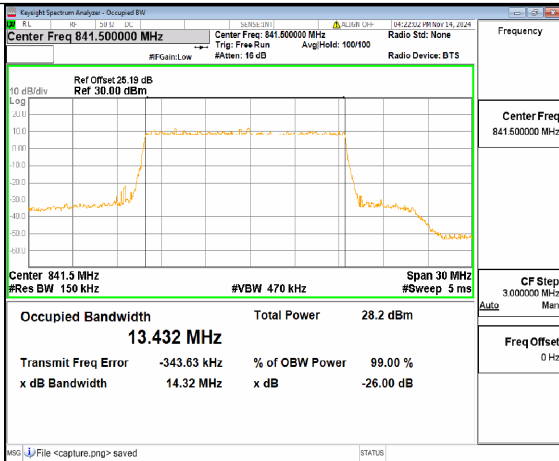
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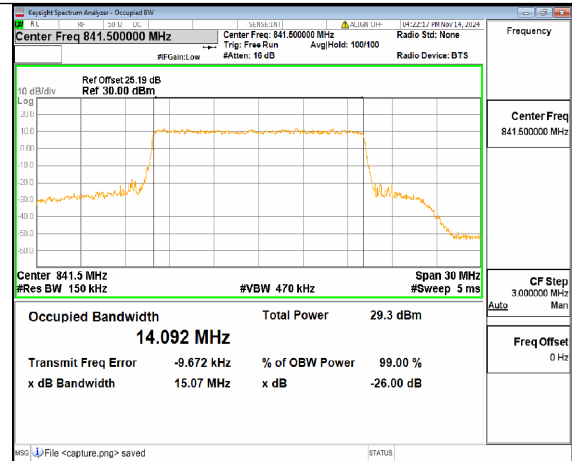
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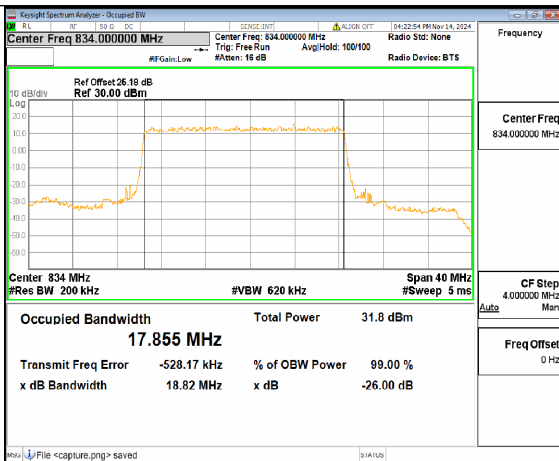
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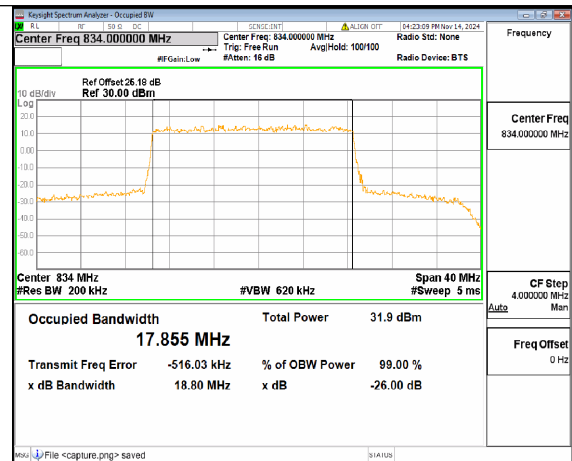
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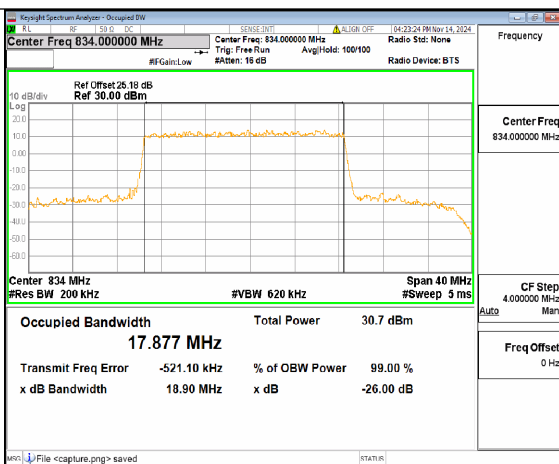
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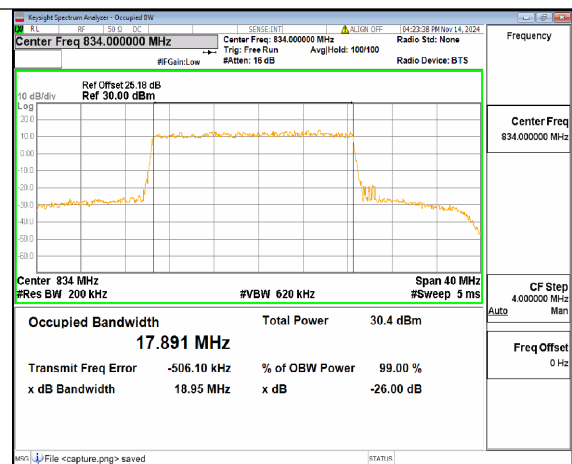
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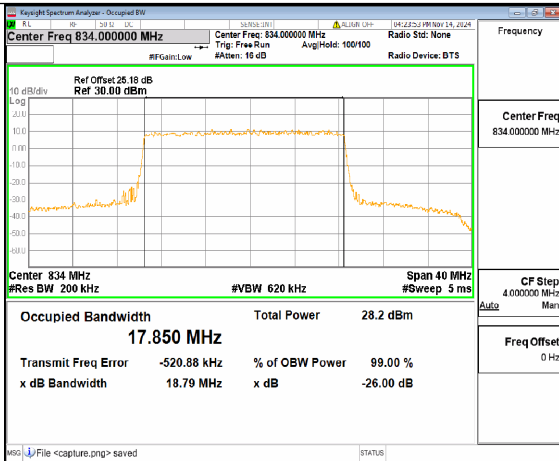
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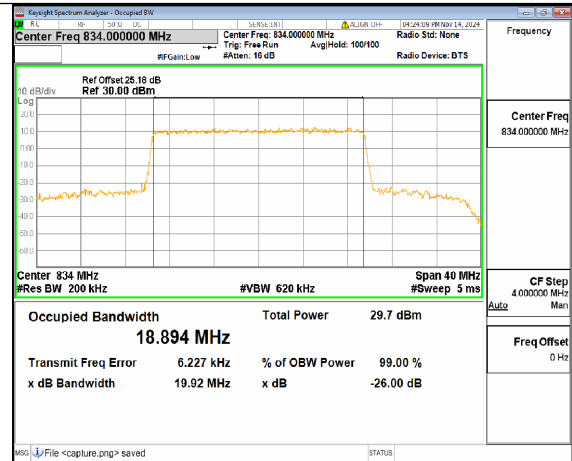
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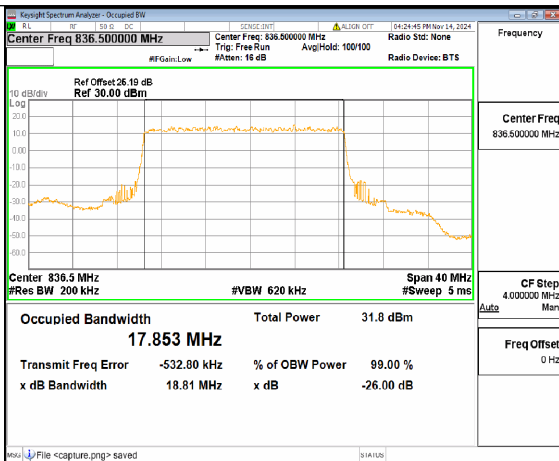
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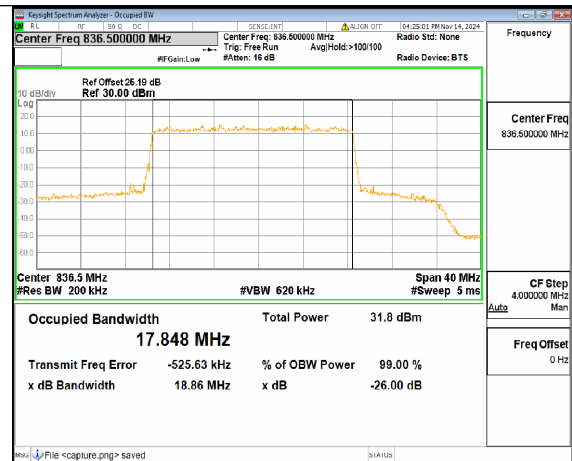
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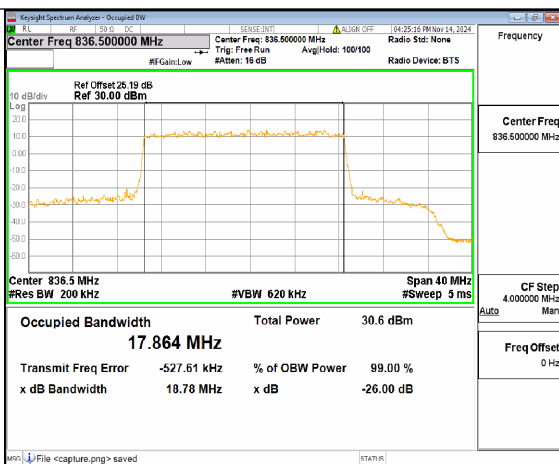
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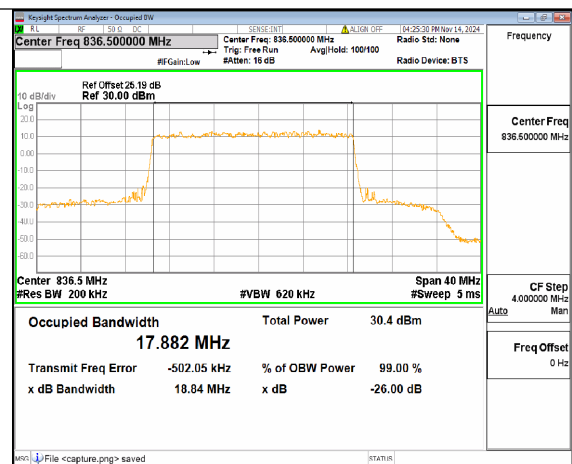
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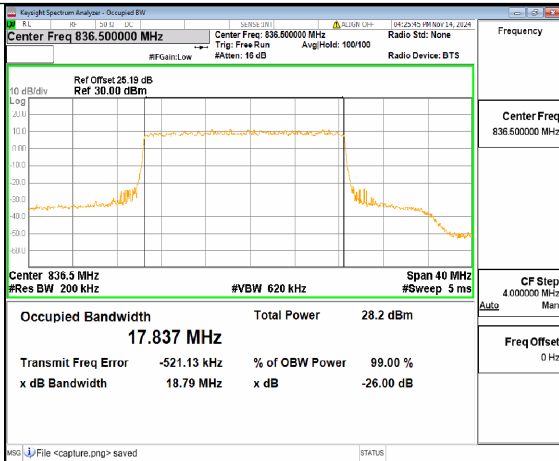
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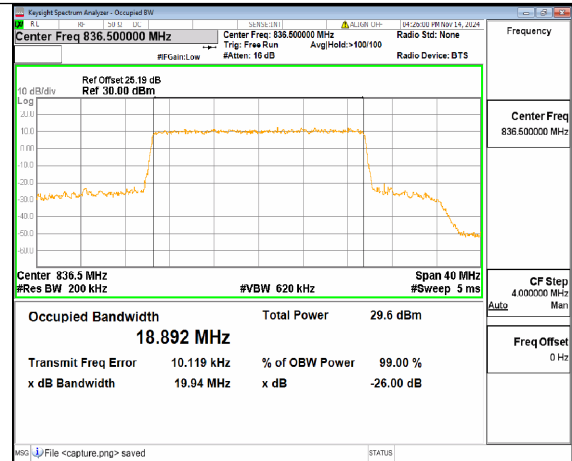
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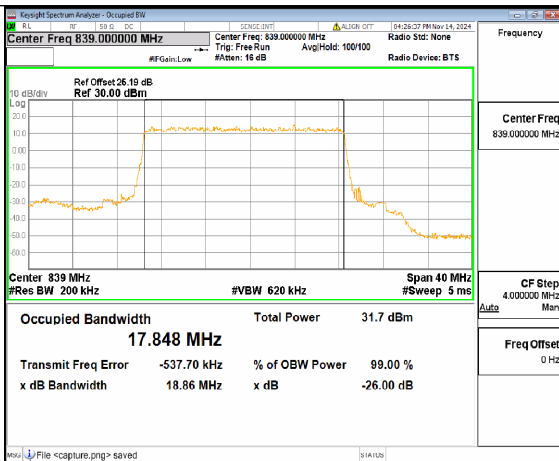
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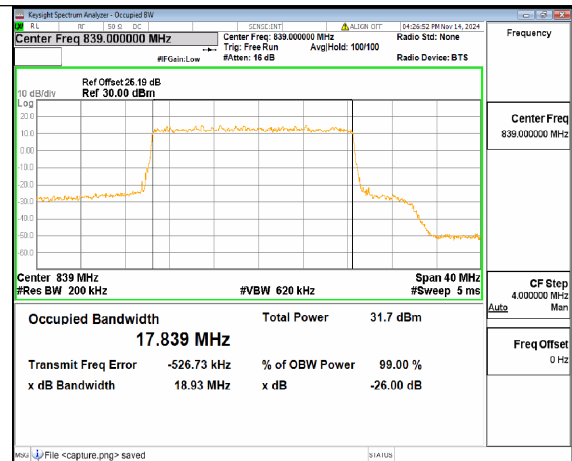
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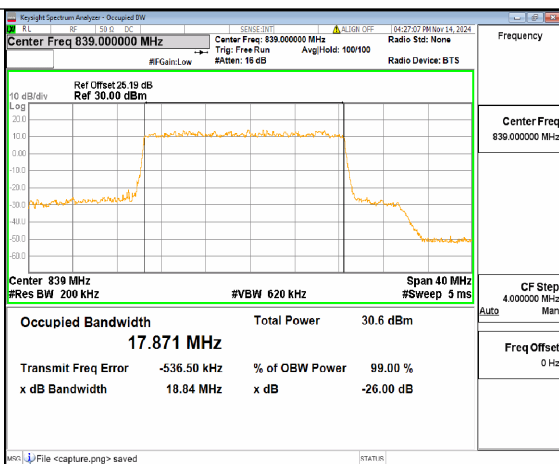
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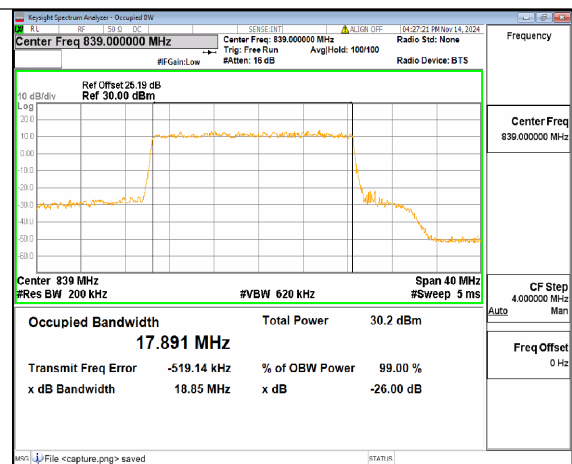
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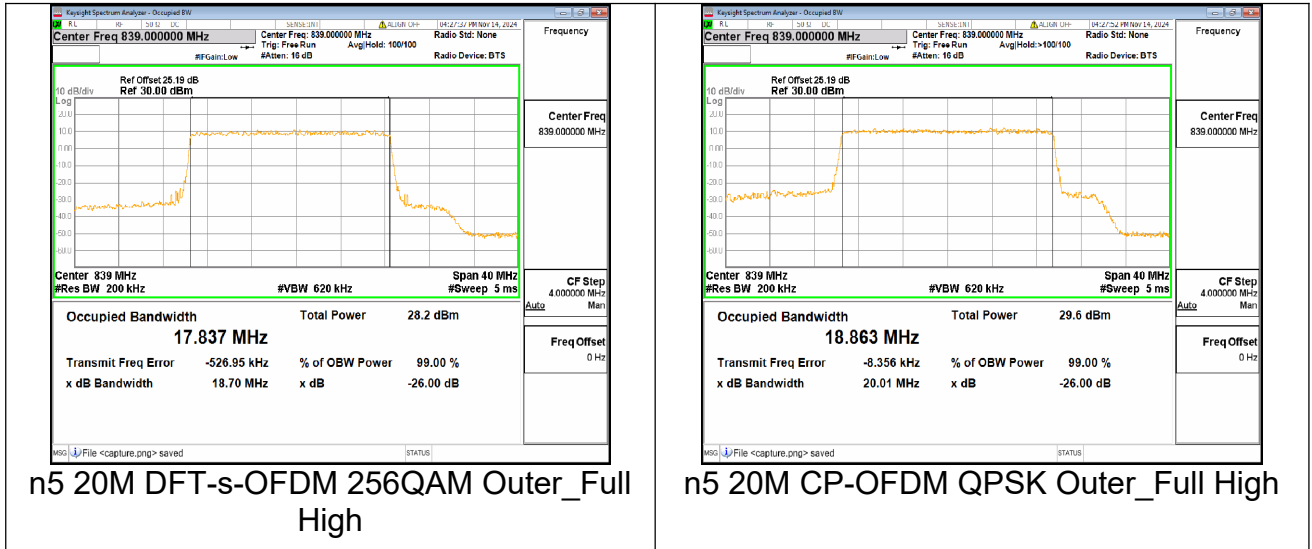
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n5 20M DFT-s-OFDM 16QAM Outer_Full High



n5 20M DFT-s-OFDM 64QAM Outer_Full High



Band	SCS (kHz)	BW (MHz)	ARFCN	Modulation	RB	OBW (MHz)	26dB BW (MHz)	Verdict
n7	15	5	500500	DFT-s-OFDM PI/2 BPSK	25/0	4.4816	5.015	PASS
n7	15	5	500500	DFT-s-OFDM QPSK	25/0	4.4924	5.065	PASS
n7	15	5	500500	DFT-s-OFDM 16QAM	25/0	4.4885	5.047	PASS
n7	15	5	500500	DFT-s-OFDM 64QAM	25/0	4.4759	4.902	PASS
n7	15	5	500500	DFT-s-OFDM 256QAM	25/0	4.4876	5.075	PASS
n7	15	5	500500	CP-OFDM QPSK	25/0	4.4747	5.043	PASS
n7	15	5	507000	DFT-s-OFDM PI/2 BPSK	25/0	4.4791	5.014	PASS
n7	15	5	507000	DFT-s-OFDM QPSK	25/0	4.4934	5.062	PASS
n7	15	5	507000	DFT-s-OFDM 16QAM	25/0	4.4872	5.073	PASS
n7	15	5	507000	DFT-s-	25/0	4.4713	4.888	PASS



				OFDM 64QAM				
n7	15	5	507000	DFT-s- OFDM 256QAM	25/0	4.4886	5.064	PASS
n7	15	5	507000	CP-OFDM QPSK	25/0	4.4745	5.919	PASS
n7	15	5	513500	DFT-s- OFDM PI/2 BPSK	25/0	4.4829	4.976	PASS
n7	15	5	513500	DFT-s- OFDM QPSK	25/0	4.4906	5.030	PASS
n7	15	5	513500	DFT-s- OFDM 16QAM	25/0	4.4921	5.077	PASS
n7	15	5	513500	DFT-s- OFDM 64QAM	25/0	4.4765	4.934	PASS
n7	15	5	513500	DFT-s- OFDM 256QAM	25/0	4.4894	5.096	PASS
n7	15	5	513500	CP-OFDM QPSK	25/0	4.4747	5.990	PASS
n7	15	10	501000	DFT-s- OFDM PI/2 BPSK	50/0	8.9231	9.605	PASS
n7	15	10	501000	DFT-s- OFDM QPSK	50/0	8.9289	11.536	PASS
n7	15	10	501000	DFT-s- OFDM 16QAM	50/0	8.9464	9.685	PASS
n7	15	10	501000	DFT-s- OFDM 64QAM	50/0	8.9367	11.968	PASS
n7	15	10	501000	DFT-s- OFDM 256QAM	50/0	8.9448	9.684	PASS
n7	15	10	501000	CP-OFDM QPSK	52/0	9.2903	10.792	PASS
n7	15	10	507000	DFT-s- OFDM PI/2 BPSK	50/0	8.9292	9.818	PASS



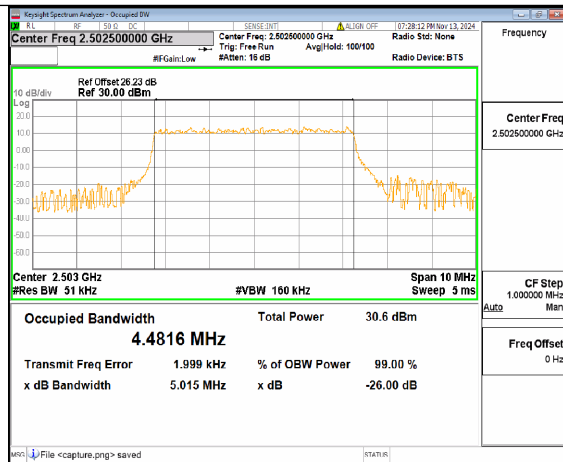
n7	15	10	507000	DFT-s-OFDM QPSK	50/0	8.9356	10.476	PASS
n7	15	10	507000	DFT-s-OFDM 16QAM	50/0	8.9468	9.650	PASS
n7	15	10	507000	DFT-s-OFDM 64QAM	50/0	8.9329	10.199	PASS
n7	15	10	507000	DFT-s-OFDM 256QAM	50/0	8.9375	9.619	PASS
n7	15	10	507000	CP-OFDM QPSK	52/0	9.2987	10.191	PASS
n7	15	10	513000	DFT-s-OFDM PI/2 BPSK	50/0	8.9192	11.334	PASS
n7	15	10	513000	DFT-s-OFDM QPSK	50/0	8.9244	11.047	PASS
n7	15	10	513000	DFT-s-OFDM 16QAM	50/0	8.9483	9.630	PASS
n7	15	10	513000	DFT-s-OFDM 64QAM	50/0	8.9336	10.258	PASS
n7	15	10	513000	DFT-s-OFDM 256QAM	50/0	8.9400	9.727	PASS
n7	15	10	513000	CP-OFDM QPSK	52/0	9.2919	10.527	PASS
n7	15	15	501500	DFT-s-OFDM PI/2 BPSK	75/0	13.431	14.332	PASS
n7	15	15	501500	DFT-s-OFDM QPSK	75/0	13.422	14.295	PASS
n7	15	15	501500	DFT-s-OFDM 16QAM	75/0	13.434	14.574	PASS
n7	15	15	501500	DFT-s-OFDM 64QAM	75/0	13.415	14.403	PASS
n7	15	15	501500	DFT-s-OFDM	75/0	13.441	14.333	PASS



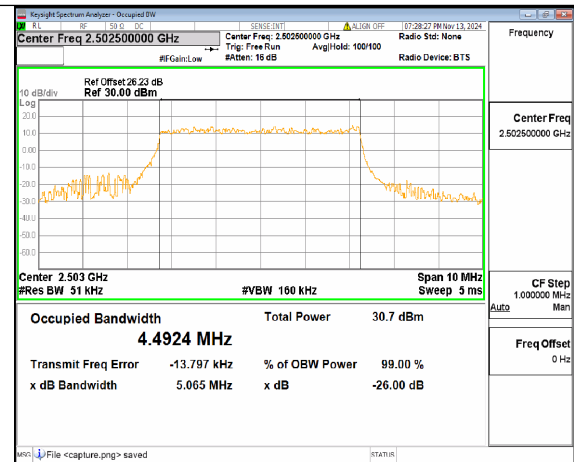
				256QAM				
n7	15	15	501500	CP-OFDM QPSK	79/0	14.128	17.922	PASS
n7	15	15	507000	DFT-s- OFDM PI/2 BPSK	75/0	13.424	14.214	PASS
n7	15	15	507000	DFT-s- OFDM QPSK	75/0	13.423	14.401	PASS
n7	15	15	507000	DFT-s- OFDM 16QAM	75/0	13.435	14.289	PASS
n7	15	15	507000	DFT-s- OFDM 64QAM	75/0	13.401	14.486	PASS
n7	15	15	507000	DFT-s- OFDM 256QAM	75/0	13.425	14.195	PASS
n7	15	15	507000	CP-OFDM QPSK	79/0	14.114	18.562	PASS
n7	15	15	512500	DFT-s- OFDM PI/2 BPSK	75/0	13.418	15.586	PASS
n7	15	15	512500	DFT-s- OFDM QPSK	75/0	13.438	14.423	PASS
n7	15	15	512500	DFT-s- OFDM 16QAM	75/0	13.434	14.861	PASS
n7	15	15	512500	DFT-s- OFDM 64QAM	75/0	13.403	14.259	PASS
n7	15	15	512500	DFT-s- OFDM 256QAM	75/0	13.421	14.212	PASS
n7	15	15	512500	CP-OFDM QPSK	79/0	14.112	19.063	PASS
n7	15	20	502000	DFT-s- OFDM PI/2 BPSK	100/0	17.901	20.660	PASS
n7	15	20	502000	DFT-s- OFDM QPSK	100/0	17.899	19.439	PASS
n7	15	20	502000	DFT-s-	100/0	17.904	20.561	PASS



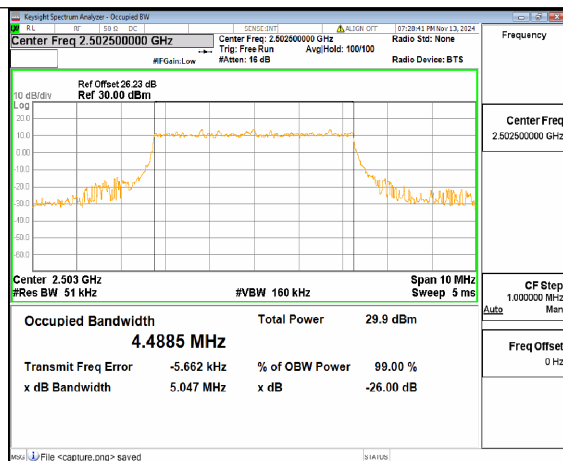
				OFDM 16QAM				
n7	15	20	502000	DFT-s- OFDM 64QAM	100/0	17.901	19.407	PASS
n7	15	20	502000	DFT-s- OFDM 256QAM	100/0	17.876	19.995	PASS
n7	15	20	502000	CP-OFDM QPSK	106/0	18.922	20.425	PASS
n7	15	20	507000	DFT-s- OFDM PI/2 BPSK	100/0	17.894	22.127	PASS
n7	15	20	507000	DFT-s- OFDM QPSK	100/0	17.893	20.888	PASS
n7	15	20	507000	DFT-s- OFDM 16QAM	100/0	17.899	21.439	PASS
n7	15	20	507000	DFT-s- OFDM 64QAM	100/0	17.904	20.869	PASS
n7	15	20	507000	DFT-s- OFDM 256QAM	100/0	17.874	21.009	PASS
n7	15	20	507000	CP-OFDM QPSK	106/0	18.922	21.332	PASS
n7	15	20	512000	DFT-s- OFDM PI/2 BPSK	100/0	17.891	21.469	PASS
n7	15	20	512000	DFT-s- OFDM QPSK	100/0	17.881	21.891	PASS
n7	15	20	512000	DFT-s- OFDM 16QAM	100/0	17.893	22.097	PASS
n7	15	20	512000	DFT-s- OFDM 64QAM	100/0	17.897	21.019	PASS
n7	15	20	512000	DFT-s- OFDM 256QAM	100/0	17.867	19.907	PASS
n7	15	20	512000	CP-OFDM QPSK	106/0	18.908	23.185	PASS



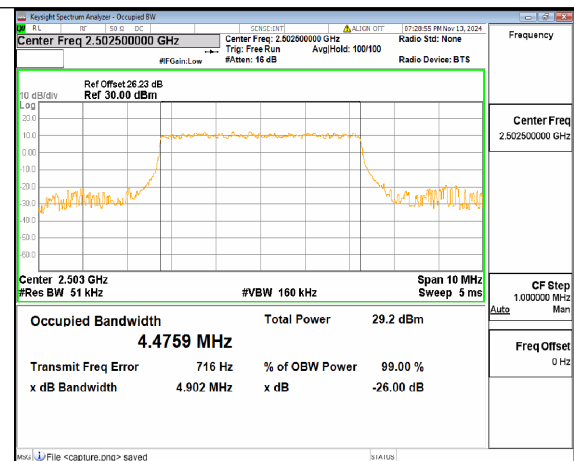
n7 5M DFT-s-OFDM BPSK Outer_Full Low



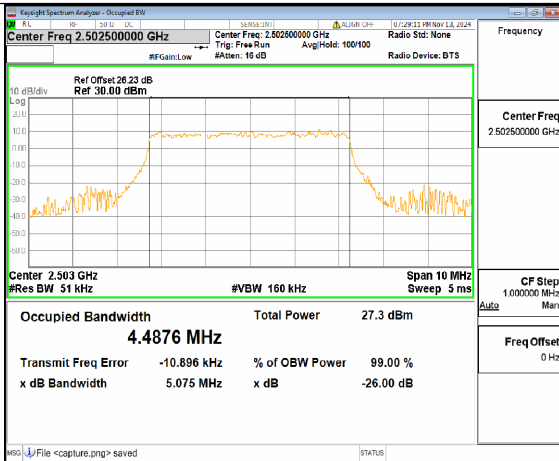
n7 5M DFT-s-OFDM QPSK Outer_Full Low



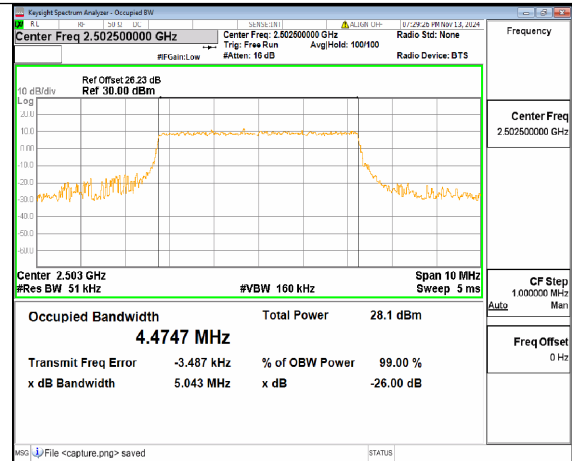
n7 5M DFT-s-OFDM 16QAM Outer_Full Low



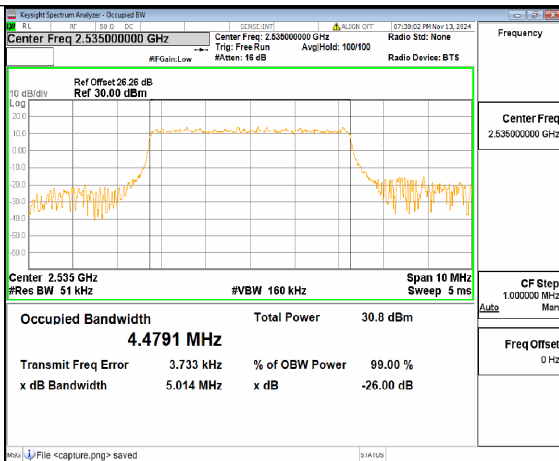
n7 5M DFT-s-OFDM 64QAM Outer_Full Low



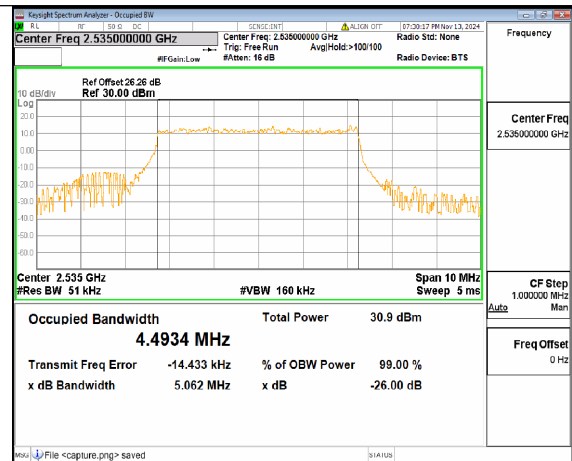
n7 5M DFT-s-OFDM 256QAM Outer_Full Low



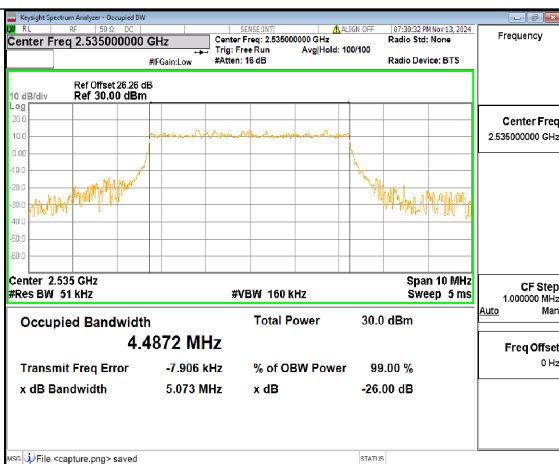
n7 5M CP-OFDM QPSK Outer_Full Low



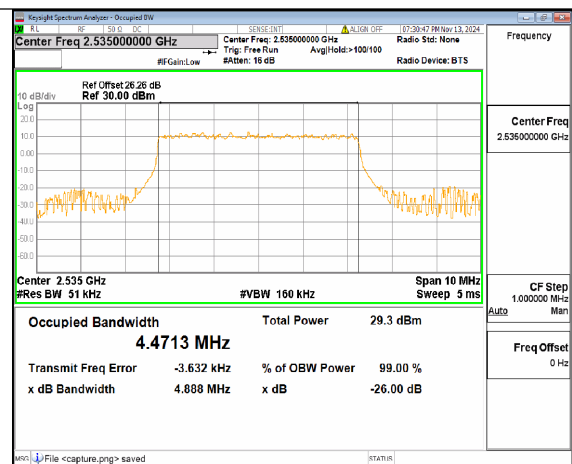
n7 5M DFT-s-OFDM BPSK Outer_Full Mid



n7 5M DFT-s-OFDM QPSK Outer_Full Mid



n7 5M DFT-s-OFDM 16QAM Outer_Full Mid



n7 5M DFT-s-OFDM 64QAM Outer_Full Mid