



TEST REPORT

APPLICANT : Sun Cupid Technology (HK) Ltd.

PRODUCT NAME : 5G Smartphone

MODEL NAME : S6710X

MARKETING NAME : NUU B40, B40

BRAND NAME : NUU

FCC ID : 2ADINS6710X

STANDARD(S) : 47 CFR Part 2
47 CFR Part 96

RECEIPT DATE : 2025-07-03

TEST DATE : 2025-07-03 to 2025-07-17

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Edited by:

Gan Jing

Gan Jing (Rapporteur)

Approved by:

Shen Junsheng

Shen Junsheng (Supervisor)

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DIRECTORY

1. Technical Information	3
1.1. Applicant and Manufacturer Information	3
1.2. Equipment Under Test (EUT) Description	3
1.3. Maximum E.R.P./E.I.R.P. and Emission Designator	5
1.4. Test Standards and Results	7
1.5. Environmental Conditions	8
2. 47 CFR Part 2, Part 96 Requirements	9
2.1. Transmitter Conducted Output Power and E.R.P./E.I.R.P.	9
2.2. Occupied Bandwidth	15
2.3. Frequency Stability	60
2.4. Peak to Average Ratio	62
2.5. Conducted Spurious Emissions	92
2.6. Band Edge	126
2.7. Radiated Spurious Emissions	140
2.8. End User Device Additional Requirements (CBSD Protocol)	153
Annex A Test Uncertainty	155
Annex B Testing Laboratory Information	156

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



1. Technical Information

Note: Provide by applicant.

1.1. Applicant and Manufacturer Information

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

1.2. Equipment Under Test (EUT) Description

Product Name:	5G Smartphone	
Sample No.:	3#	
Hardware Version:	S6710X-01	
Software Version:	S6710X-AM-V-MV25608-03	
Modulation Type:	DFT-s-OFDM	PI/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM
	CP-OFDM	QPSK, 16QAM, 64QAM, 256QAM
Operation Band:	n48	
Frequency Range:	n48	Tx: 3550MHz-3800MHz
		Rx: 3500MHz-3800MHz
Channel Bandwidth	n48	10MHz, 15MHz, 20MHz, 30MHz, 40MHz, 50MHz, 60MHz, 70MHz, 80MHz, 90MHz, 100MHz
Antenna Type:	PIFA Antenna	
Antenna Gain:	n48	-0.50dBi
Carrier Aggregation(UL):	Support	
Accessory Information:	Battery	
	Brand Name:	N/A
	Model No.:	BL-A60CT
	Serial No.:	N/A
	Capacity:	4900mAh
	Rated Voltage:	3.87V
	Charge Limit:	4.45V
	Manufacturer:	Huizhou Highpower Technology Co., Ltd.



	AC Adapter	
	Brand Name:	NUU
	Model No.:	552A-033G-1C
	Serial No.:	N/A
	Rated Output:	5.0V $\Rightarrow$ 3.0A; 9.0V $\Rightarrow$ 3.0A; 12.0V $\Rightarrow$ 2.5A; 15.0V $\Rightarrow$ 2.0A; 20.0V $\Rightarrow$ 1.5A PPS: 5.0-11.0V $\Rightarrow$ 3.0A; 5.0-16.0V $\Rightarrow$ 2.0A
	Rated Input:	100-240V $\sim$ 50/60Hz, 1.0A
	Manufacturer:	SHENZHEN BAIJUNDA ELECTRONICS CO.,LTD

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

1.3. Maximum E.R.P./E.I.R.P. and Emission Designator

n48						
Bandwidth (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	Emission Designator
10	PI/2 BPSK	/	/	/	8.5971	8M60G7D
	QPSK	22.06	21.56	0.143	8.606	8M61G7D
	16QAM	/	/	/	8.582	8M58W7D
	64QAM	/	/	/	8.6082	8M61W7D
	256QAM	/	/	/	8.5969	8M60W7D
	CP-QPSK	/	/	/	8.5735	8M57G7D
15	PI/2 BPSK	/	/	/	12.902	12M9G7D
	QPSK	22.04	21.54	0.143	12.877	12M9G7D
	16QAM	/	/	/	12.873	12M9W7D
	64QAM	/	/	/	12.928	12M9W7D
	256QAM	/	/	/	12.881	12M9W7D
	CP-QPSK	/	/	/	12.883	12M9G7D
20	PI/2 BPSK	/	/	/	17.888	17M9G7D
	QPSK	21.93	21.43	0.139	17.866	17M9G7D
	16QAM	/	/	/	17.869	17M9W7D
	64QAM	/	/	/	17.901	17M9W7D
	256QAM	/	/	/	17.874	17M9W7D
	CP-QPSK	/	/	/	17.875	17M9G7D
30	PI/2 BPSK	/	/	/	26.859	26M9G7D
	QPSK	21.70	21.20	0.132	26.898	26M9G7D
	16QAM	/	/	/	26.882	26M9W7D
	64QAM	/	/	/	26.882	26M9W7D
	256QAM	/	/	/	26.911	26M9W7D
	CP-QPSK	/	/	/	26.803	26M8G7D
40	PI/2 BPSK	/	/	/	35.863	35M9G7D
	QPSK	21.40	20.90	0.123	35.795	35M8G7D
	16QAM	/	/	/	35.763	35M8W7D
	64QAM	/	/	/	35.781	35M8W7D
	256QAM	/	/	/	35.809	35M8W7D
	CP-QPSK	/	/	/	35.714	35M7G7D



50	PI/2 BPSK	/	/	/	45.689	45M7G7D
	QPSK	21.63	21.13	0.130	45.778	45M8G7D
	16QAM	/	/	/	45.778	45M8W7D
	64QAM	/	/	/	45.872	45M9W7D
	256QAM	/	/	/	45.813	45M8W7D
	CP-QPSK	/	/	/	45.705	45M7G7D
60	PI/2 BPSK	/	/	/	57.927	57M9G7D
	QPSK	21.47	20.97	0.125	57.816	57M8G7D
	16QAM	/	/	/	57.847	57M9W7D
	64QAM	/	/	/	58.033	58M0W7D
	256QAM	/	/	/	57.973	58M0W7D
	CP-QPSK	/	/	/	57.837	57M8G7D
70	PI/2 BPSK	/	/	/	64.405	64M4G7D
	QPSK	21.43	20.93	0.124	64.319	64M3G7D
	16QAM	/	/	/	64.483	64M5W7D
	64QAM	/	/	/	64.347	64M4W7D
	256QAM	/	/	/	64.282	64M3W7D
	CP-QPSK	/	/	/	64.358	64M4G7D
80	PI/2 BPSK	/	/	/	77.063	77M1G7D
	QPSK	21.67	21.17	0.131	77.139	77M1G7D
	16QAM	/	/	/	77.102	77M1W7D
	64QAM	/	/	/	77.06	77M1W7D
	256QAM	/	/	/	77.17	77M2W7D
	CP-QPSK	/	/	/	77.095	77M1G7D
90	PI/2 BPSK	/	/	/	86.689	86M7G7D
	QPSK	21.94	21.44	0.139	86.682	86M7G7D
	16QAM	/	/	/	86.738	86M7W7D
	64QAM	/	/	/	86.754	86M8W7D
	256QAM	/	/	/	86.872	86M9W7D
	CP-QPSK	/	/	/	86.67	86M7G7D
100	PI/2 BPSK	21.90	21.40	0.138	96.292	96M3G7D
	QPSK	22.13	21.63	0.146	96.211	96M2G7D
	16QAM	19.97	19.47	0.089	96.225	96M2W7D
	64QAM	18.46	17.96	0.063	96.18	96M2W7D
	256QAM	16.23	15.73	0.037	96.352	96M4W7D
	CP-QPSK	/	/	/	96.155	96M2G7D



1.4. Test Standards and Results

The objective of the report is to perform testing according to Part 2 and Part 96 for the EUT FCC ID Certification:

No	Identity	Document Title
1	47 CFR Part 2	Frequency Allocations and Radio Treaty Matters; General Rules and Regulations
2	47 CFR Part 96	CITIZENS BROADBAND RADIO SERVICE

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

Section	Description	Test Date	Test Engineer	Result	Remark
2.1046, 96.41(b)	Transmitter Conducted Output Power and E.R.P./E.I.R.P.	Jul. 03, 2025	Yu Xiaoming Gan Jing	PASS _{Note3}	/
2.1049	Occupied Bandwidth	Jul. 11, 2025	Gan Jing	PASS	/
96.41(g)	Peak to Average Radio	Jul. 11, 2025	Gan Jing	PASS	/
2.1055	Frequency Stability	Jul. 11, 2025	Gan Jing	PASS	/
2.1051, 96.41(e)	Conducted Spurious Emissions	Jul. 11, 2025	Gan Jing	PASS	/
2.1051, 96.41(e)	Band Edge	Jul. 11, 2025	Gan Jing	PASS	/
2.1053, 96.41(e)	Radiated Spurious Emissions	Jul. 17, 2025	Zhong Xiangyun	PASS	/
96.47	End User Device Additional Requirements	Jul. 11, 2025	Gan Jing	PASS	/

Note 1: The tests were performed according to the method of measurements prescribed in KDB 971168 D01 v03 and ANSI/TIA-603-E-2016.

Note 2: Any additions, deviation, or exclusions from the method shall be noted in the "Remark".

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



1.5. Environmental Conditions

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

Temperature (°C):	15-35
Relative Humidity (%):	30-60
Atmospheric Pressure (kPa):	86-106

2.47 CFR Part 2, Part 96 Requirements

2.1. Transmitter Conducted Output Power and E.R.P./E.I.R.P.

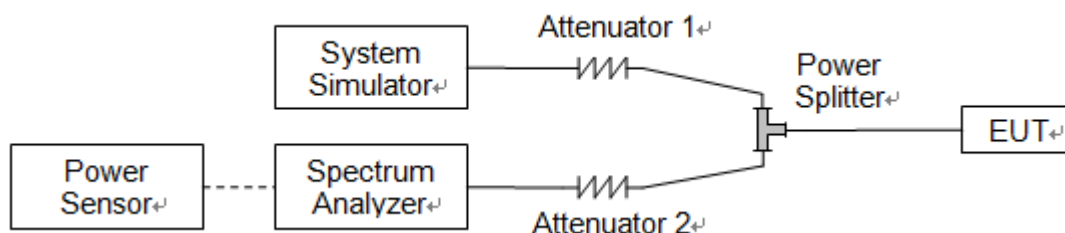
2.1.1. Requirement

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).

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

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.

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

ERP (dBm) = EIPR (dBm) – 2.15

2.1.4. Result

Conducted Output Power:

n48						
BW [MHz]	Modulation	RB num	RB start	Low Channel	Middle Channel	High Channel
Channel				640000	641666	643332
Frequency (MHz)				3600	3624.99	3649.98
100	DFT-s-OFDM PI/2 BPSK	1	1	20.57	20.64	20.93
100		1	136	21.75	21.64	21.85
100		1	271	21.07	21.13	21.26
100		135	1	20.77	21.10	20.95
100		135	67	21.78	21.79	21.90
100		135	136	17.81	21.21	21.29
100		270	0	21.09	21.26	21.21
100	DFT-s-OFDM QPSK	1	1	20.69	20.75	21.06
100		1	136	21.98	22.13	22.00
100		1	271	21.22	21.30	21.40
100		135	1	20.27	20.60	20.45
100		135	67	21.88	21.98	21.91
100		135	136	20.45	20.73	20.77
100		270	0	20.61	20.46	20.71
100	DFT-s-OFDM 16QAM	1	1	19.61	19.67	19.97
100	DFT-s-OFDM 64QAM	1	1	18.08	18.16	18.46
100	DFT-s-OFDM 256QAM	1	1	15.81	15.93	16.23
100	CP-OFDM QPSK	1	1	19.03	19.10	19.40
100	CP-OFDM 16QAM	1	1	18.51	18.56	18.90
100	CP-OFDM 64QAM	1	1	17.00	17.08	17.38
100	CP-OFDM 256QAM	1	1	14.18	14.37	14.60
Channel				639668	641666	643666



Frequency (MHz)					3595.02	3624.99	3654.99
90	DFT-s-OFDM QPSK	1	1		21.66	21.75	21.94
Channel					639334	641666	644000
Frequency (MHz)					3590.01	3624.99	3660
80	DFT-s-OFDM QPSK	1	1		21.44	21.65	21.67
Channel					639000	641666	644332
Frequency (MHz)					3585	3624.99	3664.98
70	DFT-s-OFDM QPSK	1	1		21.04	21.30	21.43
Channel					638668	641666	644666
Frequency (MHz)					3580.02	3624.99	3669.99
60	DFT-s-OFDM QPSK	1	1		21.00	21.36	21.47
Channel					638334	641666	645000
Frequency (MHz)					3575.01	3624.99	3675
50	DFT-s-OFDM QPSK	1	1		21.16	21.58	21.63
Channel					638000	641666	645332
Frequency (MHz)					3570	3624.99	3679.98
40	DFT-s-OFDM QPSK	1	1		20.90	21.25	21.40
Channel					637668	641666	645666
Frequency (MHz)					3565.02	3624.99	3684.99
30	DFT-s-OFDM QPSK	1	1		21.12	21.40	21.70
Channel					637334	641666	646000
Frequency (MHz)					3560.01	3624.99	3690
20	DFT-s-OFDM QPSK	1	1		21.27	21.51	21.93
Channel					637168	641666	646166
Frequency (MHz)					3557.52	3624.99	3692.49
15	DFT-s-OFDM QPSK	1	1		21.30	21.57	22.04
Channel					637000	641666	646332
Frequency (MHz)					3555	3624.99	3694.98
10	DFT-s-OFDM QPSK	1	1		21.39	21.58	22.06

Effective Radiated Power and Effective Isotropic Radiated Power:

n48									
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				640000	640000	641666	641666	643332	643332
Frequency (MHz)				3600.00	3600.00	3624.99	3624.99	3649.98	3649.98
10 0	DFT-s-OFDM PI/2 BPSK	1	1	20.07	0.102	20.14	0.103	20.43	0.110
10 0		1	136	21.25	0.133	21.14	0.130	21.35	0.136
10 0		1	271	20.57	0.114	20.63	0.116	20.76	0.119
10 0		13 5	1	20.27	0.106	20.60	0.115	20.45	0.111
10 0		13 5	67	21.28	0.134	21.29	0.135	21.40	0.138
10 0		13 5	136	17.31	0.054	20.71	0.118	20.79	0.120
10 0		27 0	0	20.59	0.115	20.76	0.119	20.71	0.118
10 0	DFT-s-OFDM QPSK	1	1	20.19	0.104	20.25	0.106	20.56	0.114
10 0		1	136	21.48	0.141	21.63	0.146	21.50	0.141
10 0		1	271	20.72	0.118	20.80	0.120	20.90	0.123
10 0		13 5	1	19.77	0.095	20.10	0.102	19.95	0.099
10 0		13 5	67	21.38	0.137	21.48	0.141	21.41	0.138
10 0		13 5	136	19.95	0.099	20.23	0.105	20.27	0.106
10 0		27 0	0	20.11	0.103	19.96	0.099	20.21	0.105
10	DFT-s-OFDM	1	1	19.11	0.081	19.17	0.083	19.47	0.089



0	16QAM								
100	DFT-s-OFDM 64QAM	1	1	17.58	0.057	17.66	0.058	17.96	0.063
100	DFT-s-OFDM 256QAM	1	1	15.31	0.034	15.43	0.035	15.73	0.037
100	CP-OFDM QPSK	1	1	18.53	0.071	18.60	0.072	18.90	0.078
100	CP-OFDM 16QAM	1	1	18.01	0.063	18.06	0.064	18.40	0.069
100	CP-OFDM 64QAM	1	1	16.50	0.045	16.58	0.045	16.88	0.049
100	CP-OFDM 256QAM	1	1	13.68	0.023	13.87	0.024	14.10	0.026
Channel				639668	639668	641666	641666	643666	643666
Frequency (MHz)				3595.02	3595.02	3624.99	3624.99	3654.99	3654.99
90	DFT-s-OFDM QPSK	1	1	21.16	0.131	21.25	0.133	21.44	0.139
Channel				639334	639334	641666	641666	644000	644000
Frequency (MHz)				3590.01	3590.01	3624.99	3624.99	3660.00	3660.00
80	DFT-s-OFDM QPSK	1	1	20.94	0.124	21.15	0.130	21.17	0.131
Channel				639000	639000	641666	641666	644332	644332
Frequency (MHz)				3585.00	3585.00	3624.99	3624.99	3664.98	3664.98
70	DFT-s-OFDM QPSK	1	1	20.54	0.113	20.80	0.120	20.93	0.124
Channel				638668	638668	641666	641666	644666	644666
Frequency (MHz)				3580.02	3580.02	3624.99	3624.99	3669.99	3669.99
60	DFT-s-OFDM QPSK	1	1	20.50	0.112	20.86	0.122	20.97	0.125
Channel				638334	638334	641666	641666	645000	645000
Frequency (MHz)				3575.01	3575.01	3624.99	3624.99	3675.00	3675.00
50	DFT-s-OFDM QPSK	1	1	20.66	0.116	21.08	0.128	21.13	0.130
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 QPSK	1	1	20.40	0.110	20.75	0.119	20.90	0.123
Channel				637668	637668	641666	641666	645666	645666



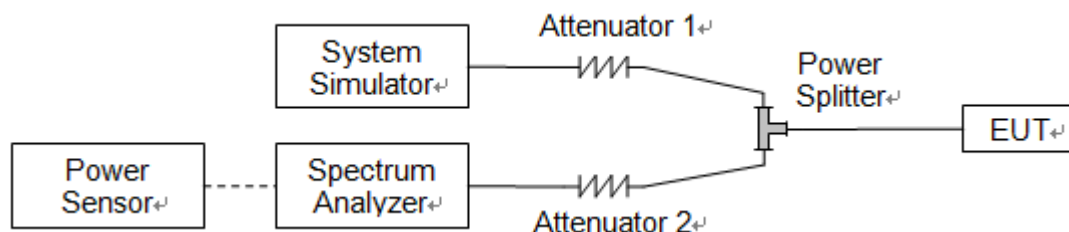
Frequency (MHz)				3565.02	3565.02	3624.99	3624.99	3684.99	3684.99
30	DFT-s-OFDM QPSK	1	1	20.62	0.115	20.90	0.123	21.20	0.132
Channel				637334	637334	641666	641666	646000	646000
Frequency (MHz)				3560.01	3560.01	3624.99	3624.99	3690.00	3690.00
20	DFT-s-OFDM QPSK	1	1	20.77	0.119	21.01	0.126	21.43	0.139
Channel				637168	637168	641666	641666	646166	646166
Frequency (MHz)				3557.52	3557.52	3624.99	3624.99	3692.49	3692.49
15	DFT-s-OFDM QPSK	1	1	20.80	0.120	21.07	0.128	21.54	0.143
Channel				637000	637000	641666	641666	646332	646332
Frequency (MHz)				3555.00	3555.00	3624.99	3624.99	3694.98	3694.98
10	DFT-s-OFDM QPSK	1	1	20.89	0.123	21.08	0.128	21.56	0.143

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
n48	30	10	637000	DFT-s-OFDM PI/2 BPSK	24/0	8.5770	9.351	PASS
n48	30	10	637000	DFT-s-OFDM QPSK	24/0	8.5686	9.419	PASS
n48	30	10	637000	DFT-s-OFDM 16QAM	24/0	8.5709	9.446	PASS
n48	30	10	637000	DFT-s-OFDM 64QAM	24/0	8.6082	9.487	PASS
n48	30	10	637000	DFT-s-OFDM 256QAM	24/0	8.5744	9.525	PASS
n48	30	10	637000	CP-OFDM QPSK	24/0	8.5735	9.550	PASS
n48	30	10	641666	DFT-s-OFDM PI/2 BPSK	24/0	8.5794	9.348	PASS
n48	30	10	641666	DFT-s-OFDM QPSK	24/0	8.5403	9.363	PASS
n48	30	10	641666	DFT-s-OFDM 16QAM	24/0	8.5813	9.503	PASS
n48	30	10	641666	DFT-s-OFDM 64QAM	24/0	8.5773	9.373	PASS
n48	30	10	641666	DFT-s-OFDM 256QAM	24/0	8.5694	9.382	PASS
n48	30	10	641666	CP-OFDM QPSK	24/0	8.5692	9.429	PASS
n48	30	10	646332	DFT-s-OFDM PI/2 BPSK	24/0	8.5971	9.420	PASS
n48	30	10	646332	DFT-s-OFDM QPSK	24/0	8.6060	9.307	PASS
n48	30	10	646332	DFT-s-OFDM 16QAM	24/0	8.5820	9.418	PASS
n48	30	10	646332	DFT-s-OFDM 64QAM	24/0	8.6077	9.466	PASS
n48	30	10	646332	DFT-s-OFDM 256QAM	24/0	8.5969	9.458	PASS



n48	30	10	646332	CP-OFDM QPSK	24/0	8.5598	9.376	PASS
n48	30	15	637168	DFT-s-OFDM PI/2 BPSK	36/0	12.902	14.132	PASS
n48	30	15	637168	DFT-s-OFDM QPSK	36/0	12.847	13.899	PASS
n48	30	15	637168	DFT-s-OFDM 16QAM	36/0	12.873	14.242	PASS
n48	30	15	637168	DFT-s-OFDM 64QAM	36/0	12.928	14.089	PASS
n48	30	15	637168	DFT-s-OFDM 256QAM	36/0	12.863	13.861	PASS
n48	30	15	637168	CP-OFDM QPSK	38/0	12.883	14.161	PASS
n48	30	15	641666	DFT-s-OFDM PI/2 BPSK	36/0	12.856	14.155	PASS
n48	30	15	641666	DFT-s-OFDM QPSK	36/0	12.873	14.022	PASS
n48	30	15	641666	DFT-s-OFDM 16QAM	36/0	12.859	13.885	PASS
n48	30	15	641666	DFT-s-OFDM 64QAM	36/0	12.846	14.012	PASS
n48	30	15	641666	DFT-s-OFDM 256QAM	36/0	12.881	14.044	PASS
n48	30	15	641666	CP-OFDM QPSK	38/0	12.869	14.084	PASS
n48	30	15	646166	DFT-s-OFDM PI/2 BPSK	36/0	12.872	14.040	PASS
n48	30	15	646166	DFT-s-OFDM QPSK	36/0	12.877	14.010	PASS
n48	30	15	646166	DFT-s-OFDM 16QAM	36/0	12.844	13.933	PASS
n48	30	15	646166	DFT-s-OFDM 64QAM	36/0	12.883	13.888	PASS
n48	30	15	646166	DFT-s-OFDM 256QAM	36/0	12.839	13.964	PASS
n48	30	15	646166	CP-OFDM QPSK	38/0	12.861	13.949	PASS



n48	30	20	637334	DFT-s-OFDM PI/2 BPSK	50/0	17.857	19.395	PASS
n48	30	20	637334	DFT-s-OFDM QPSK	50/0	17.859	19.212	PASS
n48	30	20	637334	DFT-s-OFDM 16QAM	50/0	17.869	19.085	PASS
n48	30	20	637334	DFT-s-OFDM 64QAM	50/0	17.876	19.187	PASS
n48	30	20	637334	DFT-s-OFDM 256QAM	50/0	17.874	19.192	PASS
n48	30	20	637334	CP-OFDM QPSK	51/0	17.863	19.336	PASS
n48	30	20	641666	DFT-s-OFDM PI/2 BPSK	50/0	17.888	19.324	PASS
n48	30	20	641666	DFT-s-OFDM QPSK	50/0	17.866	19.209	PASS
n48	30	20	641666	DFT-s-OFDM 16QAM	50/0	17.864	19.238	PASS
n48	30	20	641666	DFT-s-OFDM 64QAM	50/0	17.858	18.898	PASS
n48	30	20	641666	DFT-s-OFDM 256QAM	50/0	17.856	19.234	PASS
n48	30	20	641666	CP-OFDM QPSK	51/0	17.873	19.048	PASS
n48	30	20	646000	DFT-s-OFDM PI/2 BPSK	50/0	17.842	19.220	PASS
n48	30	20	646000	DFT-s-OFDM QPSK	50/0	17.862	19.151	PASS
n48	30	20	646000	DFT-s-OFDM 16QAM	50/0	17.860	19.191	PASS
n48	30	20	646000	DFT-s-OFDM 64QAM	50/0	17.901	19.176	PASS
n48	30	20	646000	DFT-s-OFDM 256QAM	50/0	17.847	19.050	PASS
n48	30	20	646000	CP-OFDM QPSK	51/0	17.875	19.306	PASS
n48	30	30	637668	DFT-s-OFDM PI/2 BPSK	75/0	26.852	29.041	PASS



n48	30	30	637668	DFT-s-OFDM QPSK	75/0	26.882	29.912	PASS
n48	30	30	637668	DFT-s-OFDM 16QAM	75/0	26.866	28.756	PASS
n48	30	30	637668	DFT-s-OFDM 64QAM	75/0	26.882	29.064	PASS
n48	30	30	637668	DFT-s-OFDM 256QAM	75/0	26.899	30.370	PASS
n48	30	30	637668	CP-OFDM QPSK	78/0	26.803	29.404	PASS
n48	30	30	641666	DFT-s-OFDM PI/2 BPSK	75/0	26.833	28.916	PASS
n48	30	30	641666	DFT-s-OFDM QPSK	75/0	26.871	28.538	PASS
n48	30	30	641666	DFT-s-OFDM 16QAM	75/0	26.844	28.546	PASS
n48	30	30	641666	DFT-s-OFDM 64QAM	75/0	26.844	28.988	PASS
n48	30	30	641666	DFT-s-OFDM 256QAM	75/0	26.911	30.266	PASS
n48	30	30	641666	CP-OFDM QPSK	78/0	26.772	29.870	PASS
n48	30	30	645666	DFT-s-OFDM PI/2 BPSK	75/0	26.859	28.789	PASS
n48	30	30	645666	DFT-s-OFDM QPSK	75/0	26.898	28.865	PASS
n48	30	30	645666	DFT-s-OFDM 16QAM	75/0	26.882	29.171	PASS
n48	30	30	645666	DFT-s-OFDM 64QAM	75/0	26.817	28.971	PASS
n48	30	30	645666	DFT-s-OFDM 256QAM	75/0	26.880	33.783	PASS
n48	30	30	645666	CP-OFDM QPSK	78/0	26.802	28.926	PASS
n48	30	40	638000	DFT-s-OFDM PI/2 BPSK	100/0	35.744	37.706	PASS
n48	30	40	638000	DFT-s-OFDM QPSK	100/0	35.772	37.811	PASS



n48	30	40	638000	DFT-s-OFDM 16QAM	100/0	35.760	37.893	PASS
n48	30	40	638000	DFT-s-OFDM 64QAM	100/0	35.781	37.619	PASS
n48	30	40	638000	DFT-s-OFDM 256QAM	100/0	35.809	37.964	PASS
n48	30	40	638000	CP-OFDM QPSK	106/0	35.697	38.017	PASS
n48	30	40	641666	DFT-s-OFDM PI/2 BPSK	100/0	35.863	37.856	PASS
n48	30	40	641666	DFT-s-OFDM QPSK	100/0	35.784	37.713	PASS
n48	30	40	641666	DFT-s-OFDM 16QAM	100/0	35.755	37.806	PASS
n48	30	40	641666	DFT-s-OFDM 64QAM	100/0	35.749	37.482	PASS
n48	30	40	641666	DFT-s-OFDM 256QAM	100/0	35.743	37.804	PASS
n48	30	40	641666	CP-OFDM QPSK	106/0	35.693	37.870	PASS
n48	30	40	645332	DFT-s-OFDM PI/2 BPSK	100/0	35.717	37.617	PASS
n48	30	40	645332	DFT-s-OFDM QPSK	100/0	35.795	37.868	PASS
n48	30	40	645332	DFT-s-OFDM 16QAM	100/0	35.763	37.896	PASS
n48	30	40	645332	DFT-s-OFDM 64QAM	100/0	35.713	37.739	PASS
n48	30	40	645332	DFT-s-OFDM 256QAM	100/0	35.744	38.692	PASS
n48	30	40	645332	CP-OFDM QPSK	106/0	35.714	38.171	PASS
n48	30	50	638334	DFT-s-OFDM PI/2 BPSK	128/0	45.643	48.150	PASS
n48	30	50	638334	DFT-s-OFDM QPSK	128/0	45.757	48.163	PASS
n48	30	50	638334	DFT-s-OFDM 16QAM	128/0	45.778	48.576	PASS



n48	30	50	638334	DFT-s-OFDM 64QAM	128/0	45.828	48.298	PASS
n48	30	50	638334	DFT-s-OFDM 256QAM	128/0	45.813	48.683	PASS
n48	30	50	638334	CP-OFDM QPSK	133/0	45.662	48.351	PASS
n48	30	50	641666	DFT-s-OFDM PI/2 BPSK	128/0	45.682	48.287	PASS
n48	30	50	641666	DFT-s-OFDM QPSK	128/0	45.720	48.358	PASS
n48	30	50	641666	DFT-s-OFDM 16QAM	128/0	45.719	48.257	PASS
n48	30	50	641666	DFT-s-OFDM 64QAM	128/0	45.872	48.163	PASS
n48	30	50	641666	DFT-s-OFDM 256QAM	128/0	45.718	48.397	PASS
n48	30	50	641666	CP-OFDM QPSK	133/0	45.694	48.242	PASS
n48	30	50	645000	DFT-s-OFDM PI/2 BPSK	128/0	45.689	48.137	PASS
n48	30	50	645000	DFT-s-OFDM QPSK	128/0	45.778	48.359	PASS
n48	30	50	645000	DFT-s-OFDM 16QAM	128/0	45.759	48.113	PASS
n48	30	50	645000	DFT-s-OFDM 64QAM	128/0	45.759	48.303	PASS
n48	30	50	645000	DFT-s-OFDM 256QAM	128/0	45.733	48.745	PASS
n48	30	50	645000	CP-OFDM QPSK	133/0	45.705	48.491	PASS
n48	30	60	638668	DFT-s-OFDM PI/2 BPSK	162/0	57.927	60.283	PASS
n48	30	60	638668	DFT-s-OFDM QPSK	162/0	57.815	60.396	PASS
n48	30	60	638668	DFT-s-OFDM 16QAM	162/0	57.847	60.545	PASS
n48	30	60	638668	DFT-s-OFDM 64QAM	162/0	57.752	60.385	PASS



n48	30	60	638668	DFT-s-OFDM 256QAM	162/0	57.799	60.459	PASS
n48	30	60	638668	CP-OFDM QPSK	162/0	57.760	60.533	PASS
n48	30	60	641666	DFT-s-OFDM PI/2 BPSK	162/0	57.874	60.359	PASS
n48	30	60	641666	DFT-s-OFDM QPSK	162/0	57.680	60.464	PASS
n48	30	60	641666	DFT-s-OFDM 16QAM	162/0	57.847	60.392	PASS
n48	30	60	641666	DFT-s-OFDM 64QAM	162/0	57.810	60.522	PASS
n48	30	60	641666	DFT-s-OFDM 256QAM	162/0	57.840	60.492	PASS
n48	30	60	641666	CP-OFDM QPSK	162/0	57.748	60.486	PASS
n48	30	60	644666	DFT-s-OFDM PI/2 BPSK	162/0	57.822	60.213	PASS
n48	30	60	644666	DFT-s-OFDM QPSK	162/0	57.816	60.437	PASS
n48	30	60	644666	DFT-s-OFDM 16QAM	162/0	57.709	60.497	PASS
n48	30	60	644666	DFT-s-OFDM 64QAM	162/0	58.033	60.644	PASS
n48	30	60	644666	DFT-s-OFDM 256QAM	162/0	57.973	60.669	PASS
n48	30	60	644666	CP-OFDM QPSK	162/0	57.837	60.769	PASS
n48	30	70	639000	DFT-s-OFDM PI/2 BPSK	180/0	64.389	67.469	PASS
n48	30	70	639000	DFT-s-OFDM QPSK	180/0	64.284	67.841	PASS
n48	30	70	639000	DFT-s-OFDM 16QAM	180/0	64.340	67.544	PASS
n48	30	70	639000	DFT-s-OFDM 64QAM	180/0	64.347	68.042	PASS
n48	30	70	639000	DFT-s-OFDM 256QAM	180/0	64.282	68.248	PASS



n48	30	70	639000	CP-OFDM QPSK	189/0	64.314	67.773	PASS
n48	30	70	641666	DFT-s-OFDM PI/2 BPSK	180/0	64.336	67.775	PASS
n48	30	70	641666	DFT-s-OFDM QPSK	180/0	64.319	69.410	PASS
n48	30	70	641666	DFT-s-OFDM 16QAM	180/0	64.483	67.831	PASS
n48	30	70	641666	DFT-s-OFDM 64QAM	180/0	64.308	67.839	PASS
n48	30	70	641666	DFT-s-OFDM 256QAM	180/0	64.249	68.339	PASS
n48	30	70	641666	CP-OFDM QPSK	189/0	64.264	67.909	PASS
n48	30	70	644332	DFT-s-OFDM PI/2 BPSK	180/0	64.405	67.976	PASS
n48	30	70	644332	DFT-s-OFDM QPSK	180/0	64.291	67.776	PASS
n48	30	70	644332	DFT-s-OFDM 16QAM	180/0	64.352	68.073	PASS
n48	30	70	644332	DFT-s-OFDM 64QAM	180/0	64.330	68.344	PASS
n48	30	70	644332	DFT-s-OFDM 256QAM	180/0	64.276	67.744	PASS
n48	30	70	644332	CP-OFDM QPSK	189/0	64.358	67.907	PASS
n48	30	80	639334	DFT-s-OFDM PI/2 BPSK	216/0	77.063	80.439	PASS
n48	30	80	639334	DFT-s-OFDM QPSK	216/0	77.057	80.456	PASS
n48	30	80	639334	DFT-s-OFDM 16QAM	216/0	77.060	80.544	PASS
n48	30	80	639334	DFT-s-OFDM 64QAM	216/0	77.060	80.549	PASS
n48	30	80	639334	DFT-s-OFDM 256QAM	216/0	77.065	80.581	PASS
n48	30	80	639334	CP-OFDM QPSK	217/0	76.988	80.443	PASS



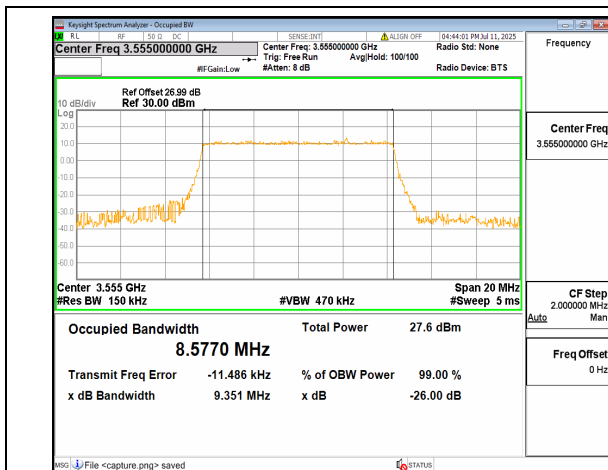
n48	30	80	641666	DFT-s-OFDM PI/2 BPSK	216/0	77.013	80.549	PASS
n48	30	80	641666	DFT-s-OFDM QPSK	216/0	77.139	80.358	PASS
n48	30	80	641666	DFT-s-OFDM 16QAM	216/0	77.037	80.390	PASS
n48	30	80	641666	DFT-s-OFDM 64QAM	216/0	76.925	80.373	PASS
n48	30	80	641666	DFT-s-OFDM 256QAM	216/0	77.170	80.353	PASS
n48	30	80	641666	CP-OFDM QPSK	217/0	76.968	80.647	PASS
n48	30	80	644000	DFT-s-OFDM PI/2 BPSK	216/0	77.023	80.317	PASS
n48	30	80	644000	DFT-s-OFDM QPSK	216/0	77.090	80.582	PASS
n48	30	80	644000	DFT-s-OFDM 16QAM	216/0	77.102	80.600	PASS
n48	30	80	644000	DFT-s-OFDM 64QAM	216/0	77.010	80.413	PASS
n48	30	80	644000	DFT-s-OFDM 256QAM	216/0	76.991	80.318	PASS
n48	30	80	644000	CP-OFDM QPSK	217/0	77.095	80.432	PASS
n48	30	90	639668	DFT-s-OFDM PI/2 BPSK	243/0	86.610	90.095	PASS
n48	30	90	639668	DFT-s-OFDM QPSK	243/0	86.648	90.329	PASS
n48	30	90	639668	DFT-s-OFDM 16QAM	243/0	86.575	90.343	PASS
n48	30	90	639668	DFT-s-OFDM 64QAM	243/0	86.685	90.216	PASS
n48	30	90	639668	DFT-s-OFDM 256QAM	243/0	86.630	90.506	PASS
n48	30	90	639668	CP-OFDM QPSK	245/0	86.553	90.331	PASS
n48	30	90	641666	DFT-s-OFDM PI/2 BPSK	243/0	86.689	90.169	PASS



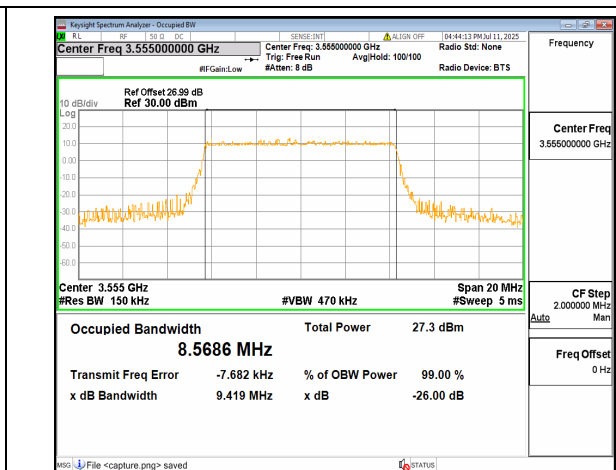
n48	30	90	641666	DFT-s-OFDM QPSK	243/0	86.682	90.447	PASS
n48	30	90	641666	DFT-s-OFDM 16QAM	243/0	86.705	90.534	PASS
n48	30	90	641666	DFT-s-OFDM 64QAM	243/0	86.638	90.562	PASS
n48	30	90	641666	DFT-s-OFDM 256QAM	243/0	86.872	90.363	PASS
n48	30	90	641666	CP-OFDM QPSK	245/0	86.589	90.426	PASS
n48	30	90	643666	DFT-s-OFDM PI/2 BPSK	243/0	86.632	90.349	PASS
n48	30	90	643666	DFT-s-OFDM QPSK	243/0	86.620	90.356	PASS
n48	30	90	643666	DFT-s-OFDM 16QAM	243/0	86.738	90.302	PASS
n48	30	90	643666	DFT-s-OFDM 64QAM	243/0	86.754	90.434	PASS
n48	30	90	643666	DFT-s-OFDM 256QAM	243/0	86.697	90.435	PASS
n48	30	90	643666	CP-OFDM QPSK	245/0	86.670	90.273	PASS
n48	30	100	640000	DFT-s-OFDM PI/2 BPSK	270/0	96.175	100.242	PASS
n48	30	100	640000	DFT-s-OFDM QPSK	270/0	96.114	100.392	PASS
n48	30	100	640000	DFT-s-OFDM 16QAM	270/0	96.128	100.659	PASS
n48	30	100	640000	DFT-s-OFDM 64QAM	270/0	96.108	100.348	PASS
n48	30	100	640000	DFT-s-OFDM 256QAM	270/0	96.169	100.685	PASS
n48	30	100	640000	CP-OFDM QPSK	273/0	96.143	100.396	PASS
n48	30	100	641666	DFT-s-OFDM PI/2 BPSK	270/0	96.292	100.385	PASS
n48	30	100	641666	DFT-s-OFDM QPSK	270/0	96.184	100.485	PASS



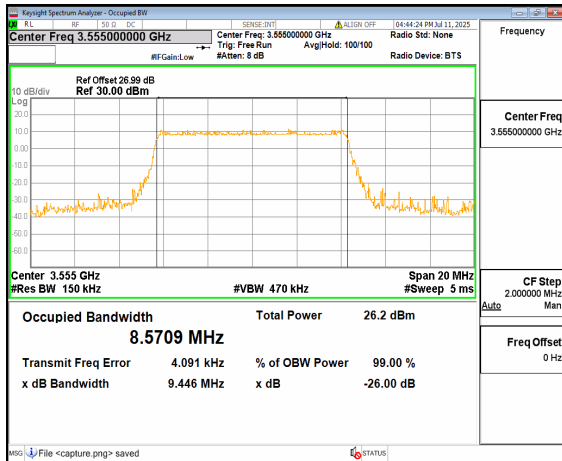
n48	30	100	641666	DFT-s-OFDM 16QAM	270/0	96.225	100.776	PASS
n48	30	100	641666	DFT-s-OFDM 64QAM	270/0	96.180	100.345	PASS
n48	30	100	641666	DFT-s-OFDM 256QAM	270/0	96.103	100.510	PASS
n48	30	100	641666	CP-OFDM QPSK	273/0	96.144	100.354	PASS
n48	30	100	643332	DFT-s-OFDM PI/2 BPSK	270/0	96.271	100.416	PASS
n48	30	100	643332	DFT-s-OFDM QPSK	270/0	96.211	100.469	PASS
n48	30	100	643332	DFT-s-OFDM 16QAM	270/0	96.063	100.702	PASS
n48	30	100	643332	DFT-s-OFDM 64QAM	270/0	96.082	100.511	PASS
n48	30	100	643332	DFT-s-OFDM 256QAM	270/0	96.352	100.474	PASS
n48	30	100	643332	CP-OFDM QPSK	273/0	96.155	100.427	PASS



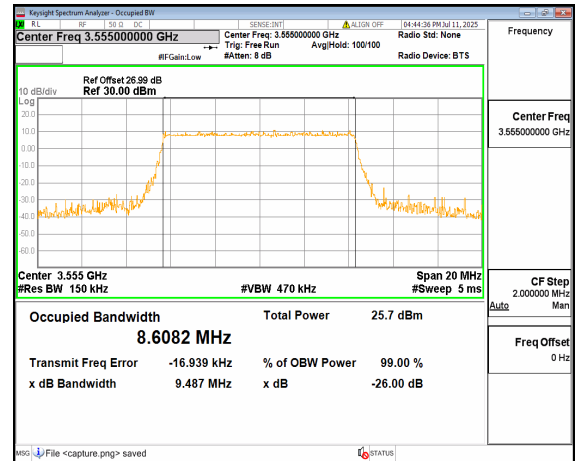
n48 10M DFT-s-OFDM BPSK Outer_Full Low



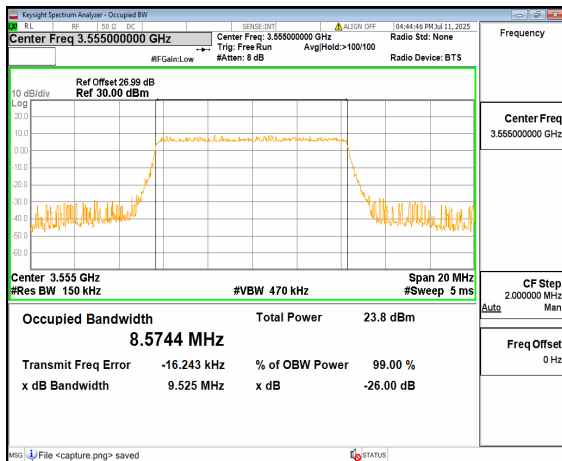
n48 10M DFT-s-OFDM QPSK Outer_Full Low



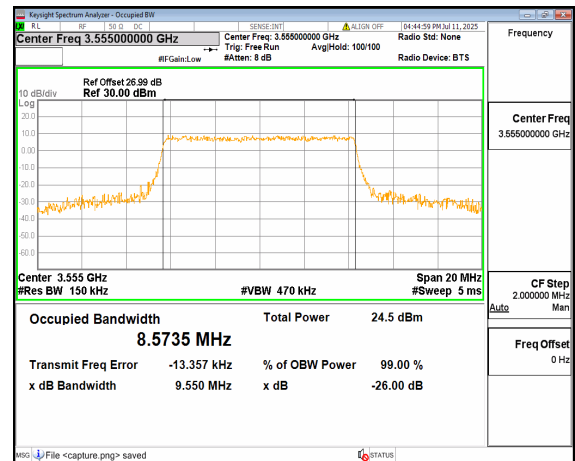
n48 10M DFT-s-OFDM 16QAM Outer_Full Low



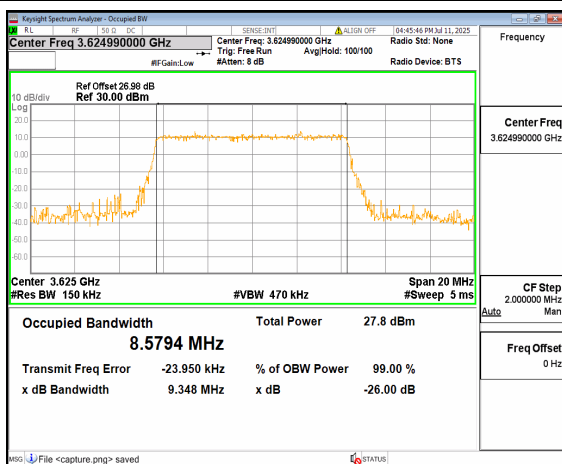
n48 10M DFT-s-OFDM 64QAM Outer_Full Low



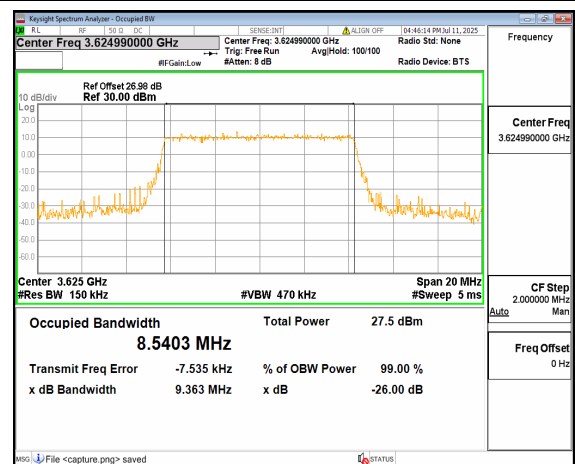
n48 10M DFT-s-OFDM 256QAM Outer_Full Low



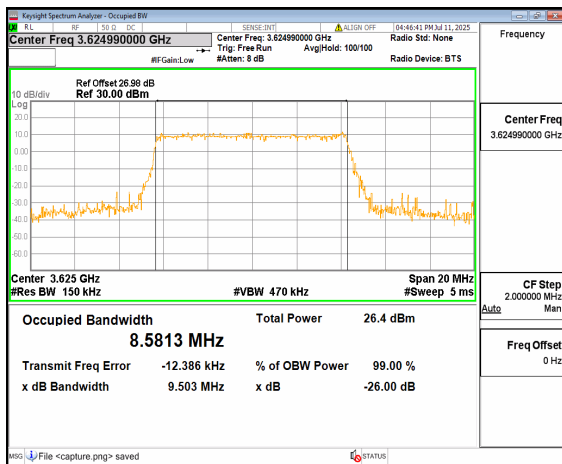
n48 10M CP-OFDM QPSK Outer_Full Low



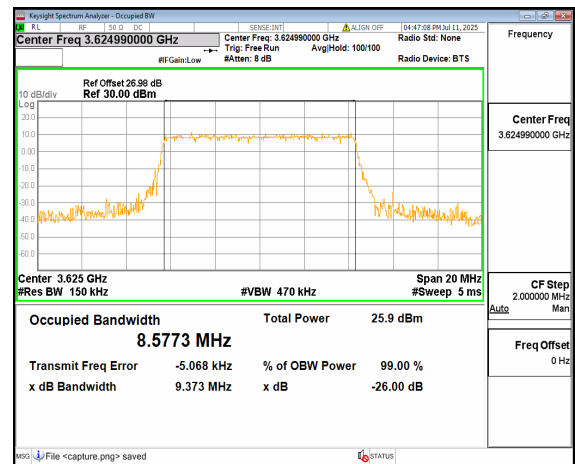
n48 10M DFT-s-OFDM BPSK Outer_Full Mid



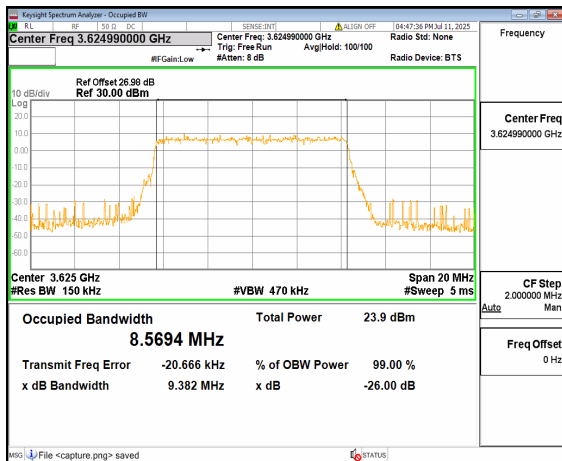
n48 10M DFT-s-OFDM QPSK Outer_Full Mid



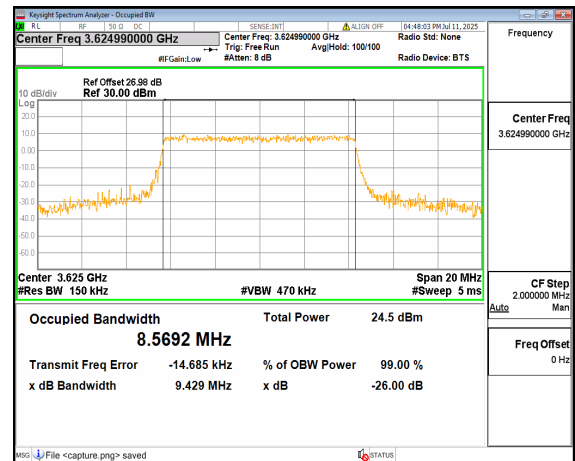
n48 10M DFT-s-OFDM 16QAM Outer_Full Mid



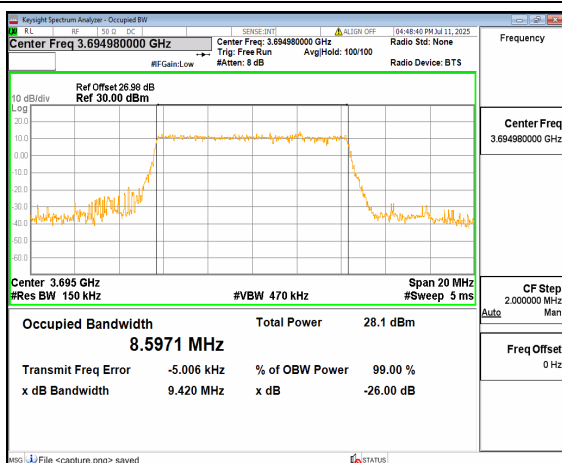
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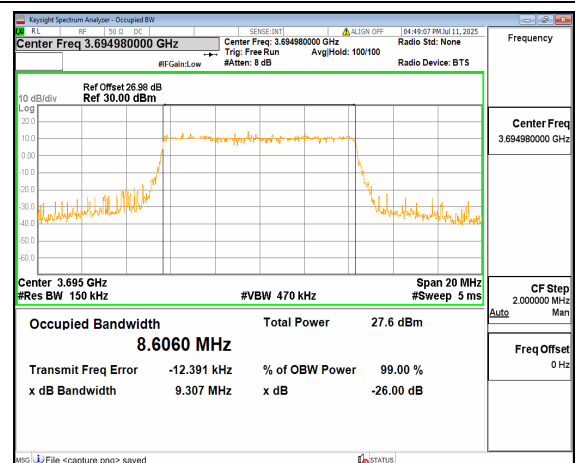
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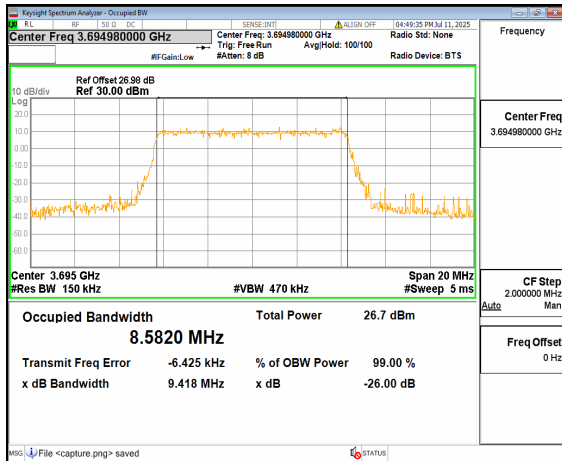
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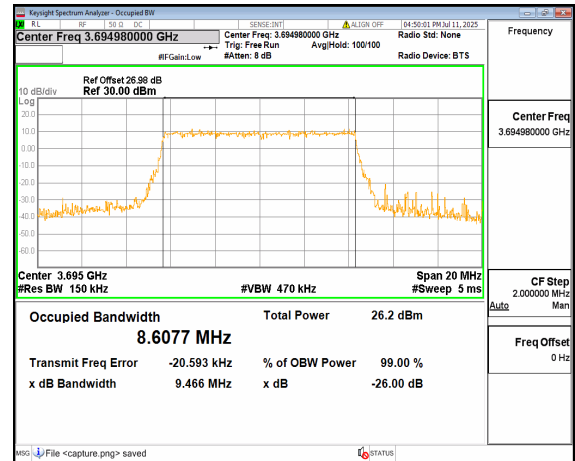
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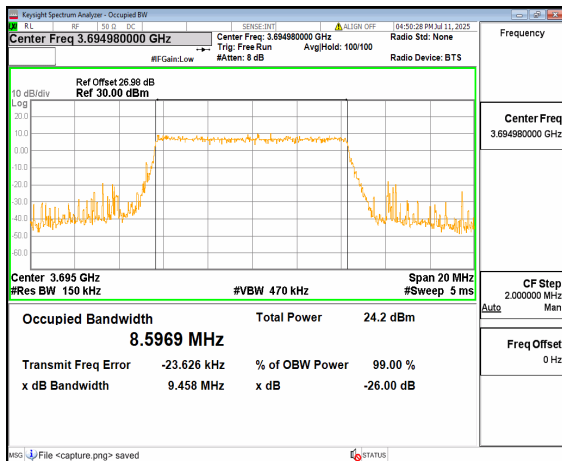
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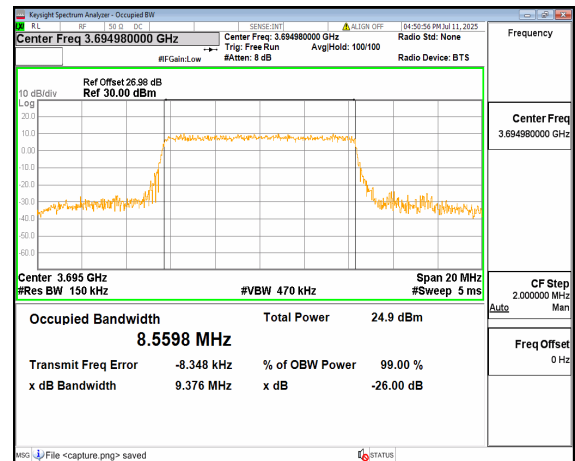
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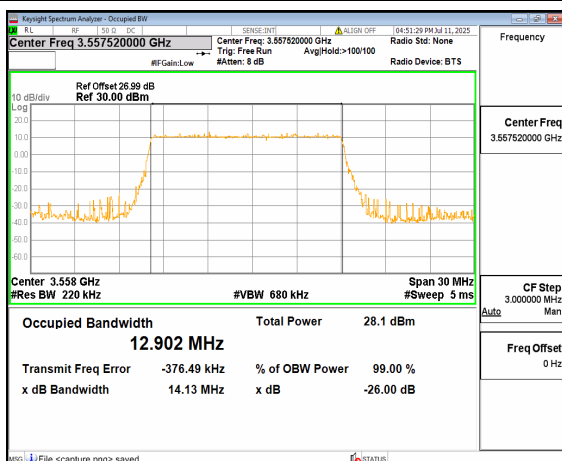
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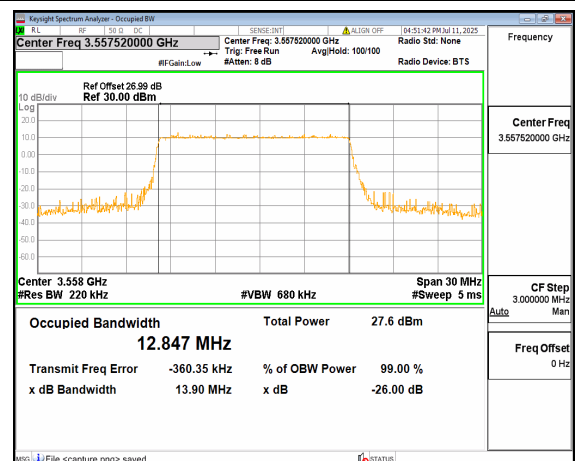
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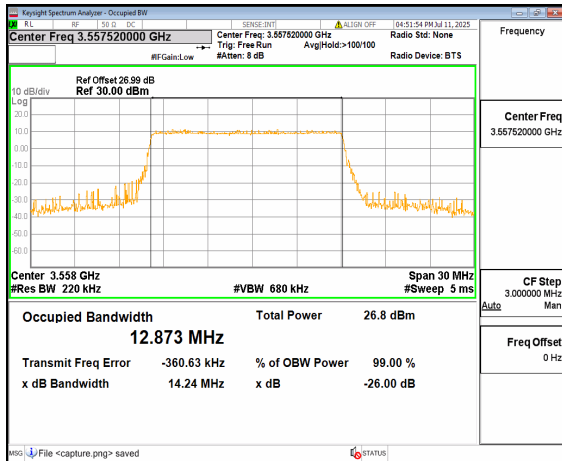
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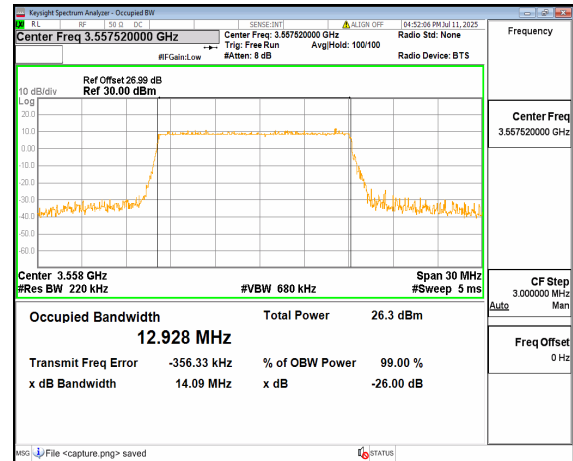
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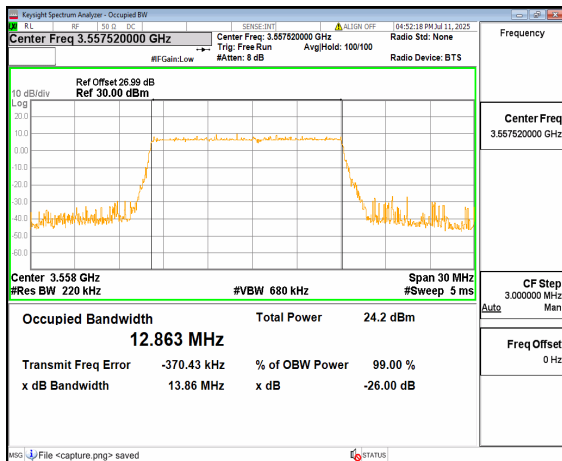
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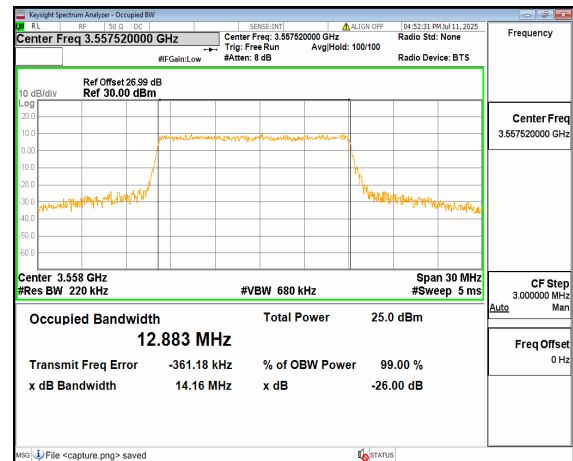
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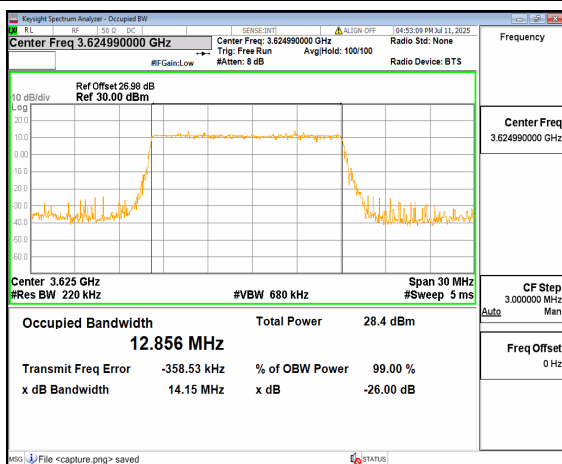
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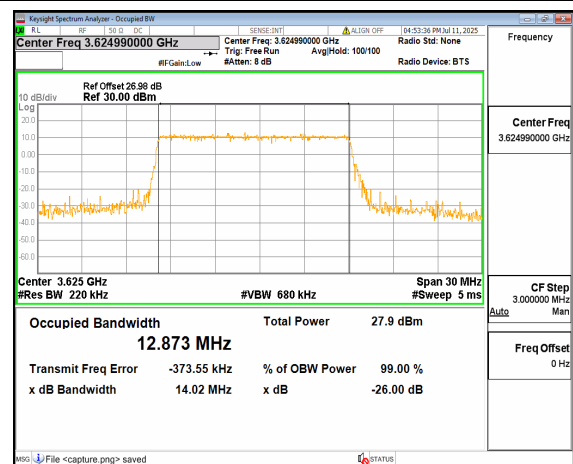
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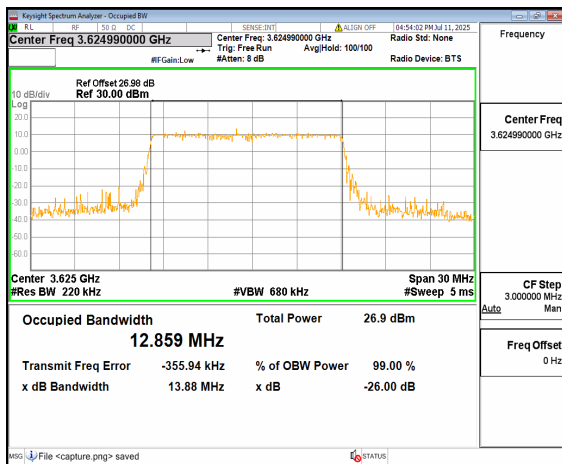
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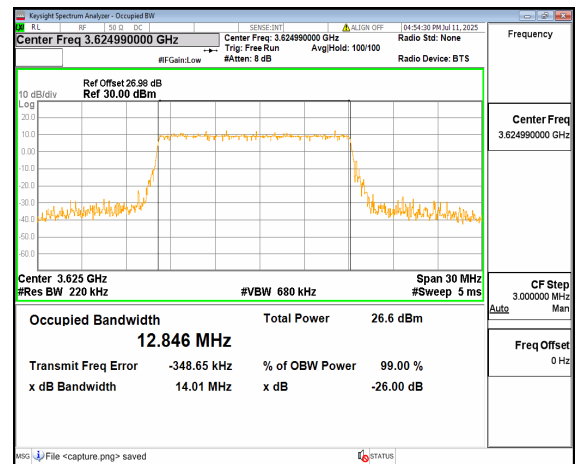
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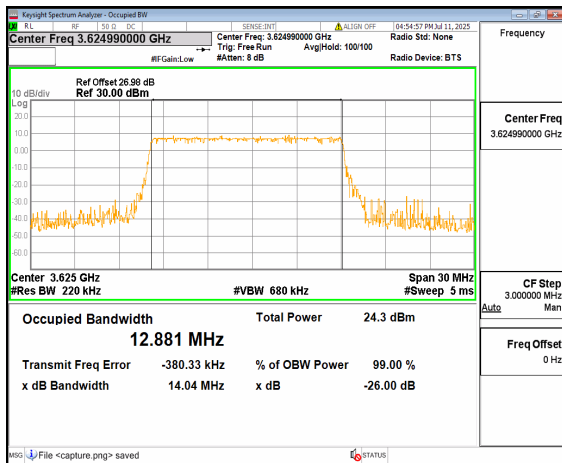
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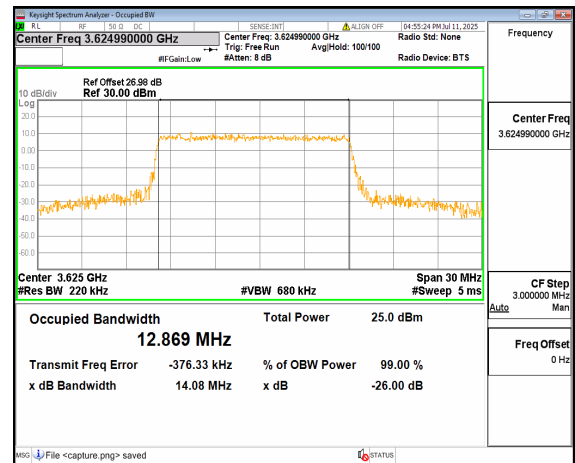
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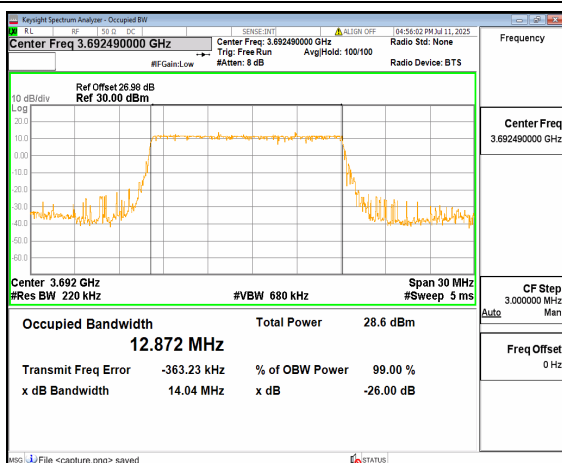
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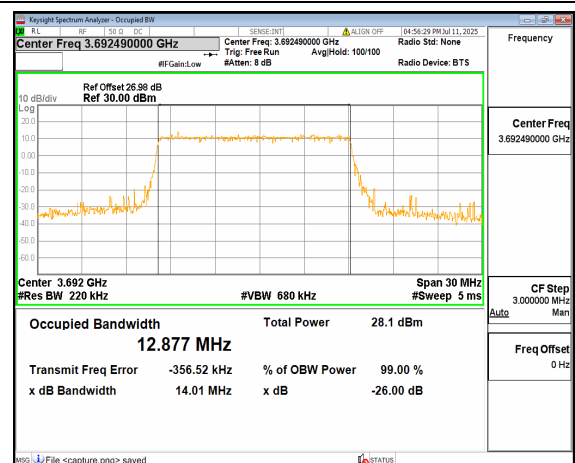
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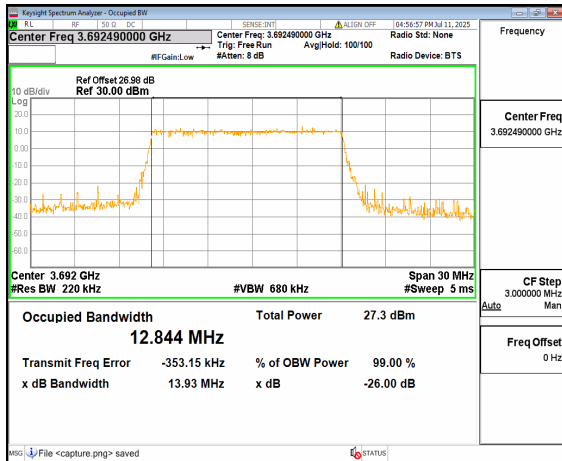
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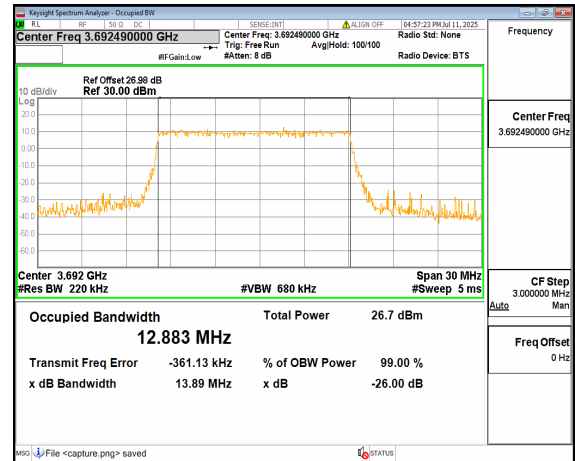
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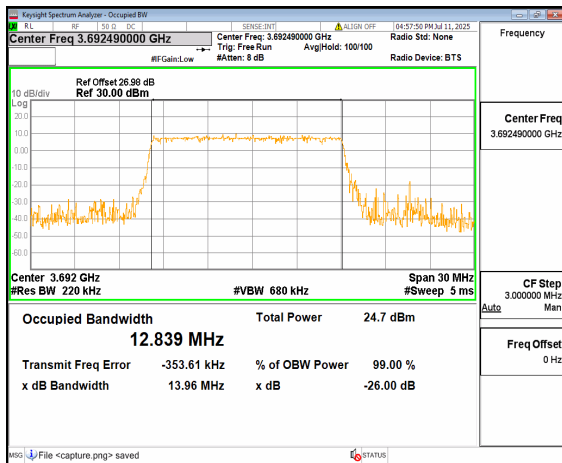
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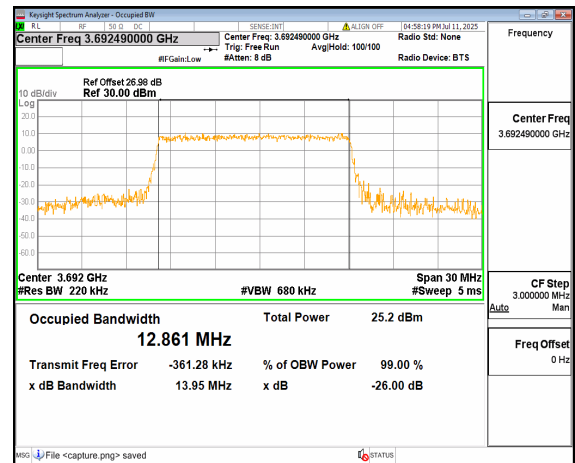
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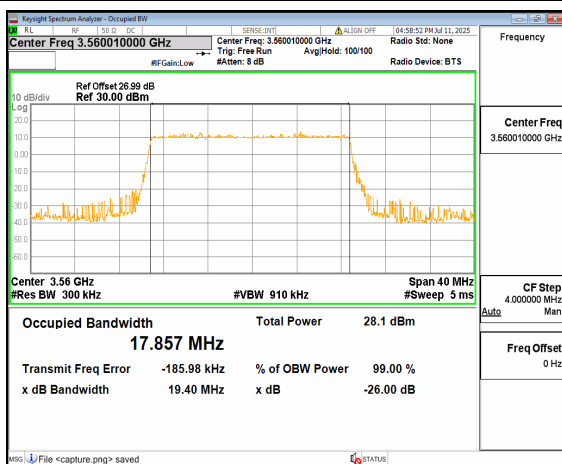
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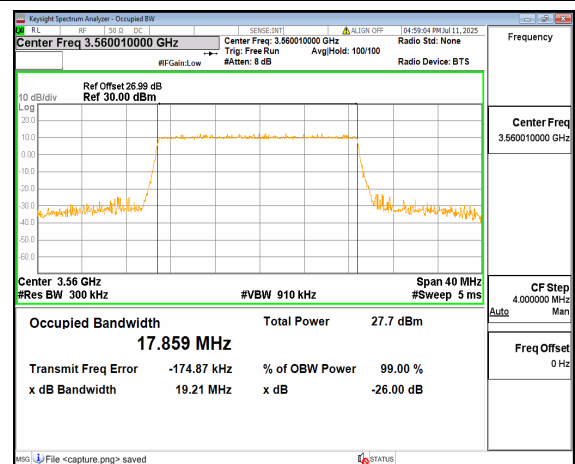
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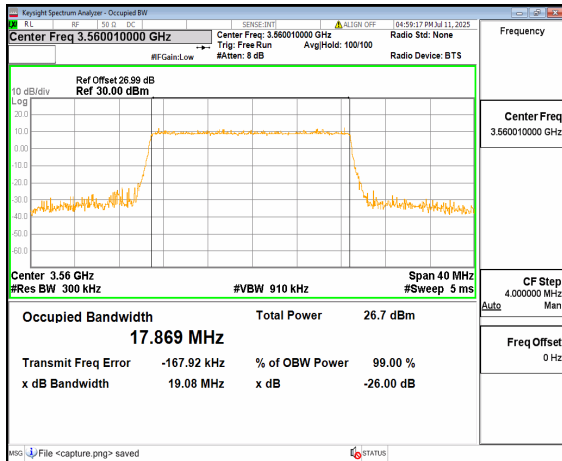
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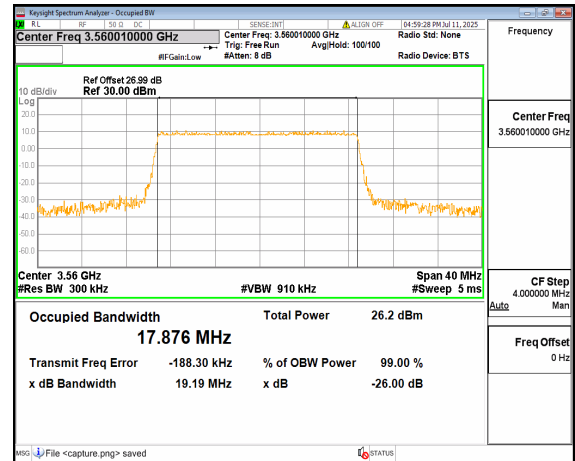
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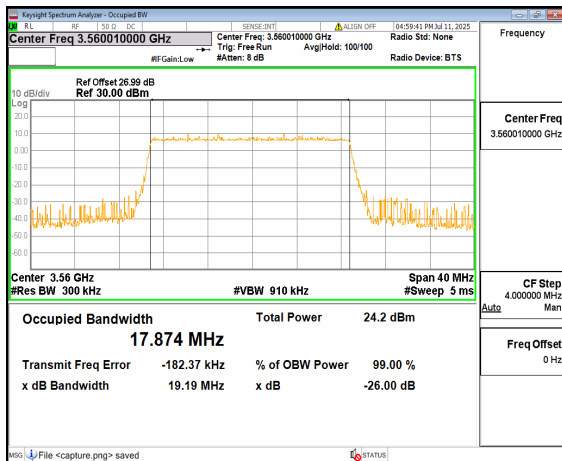
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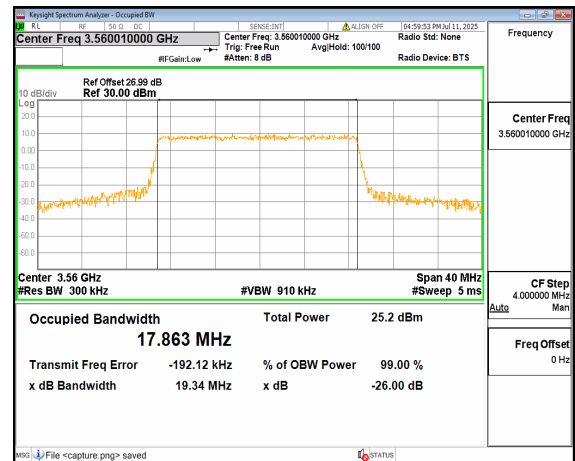
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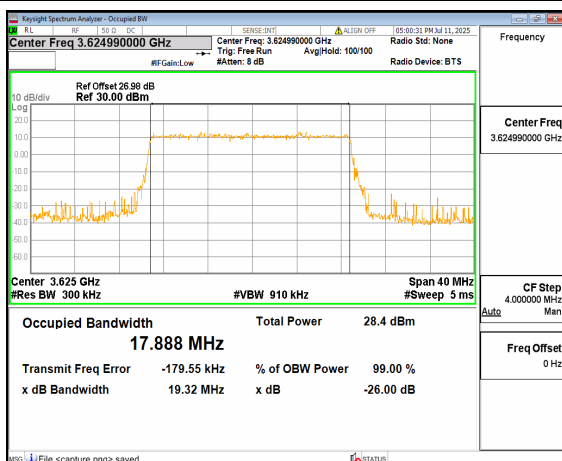
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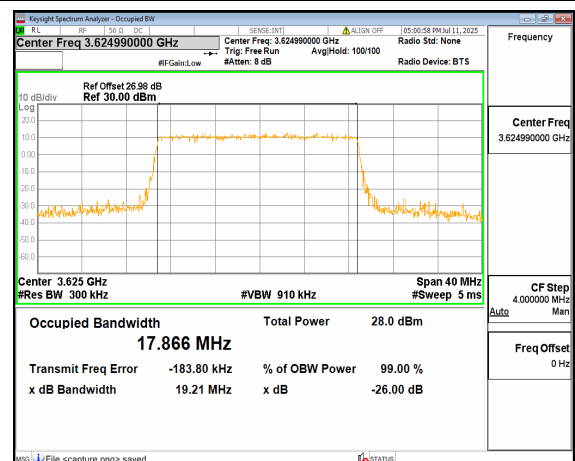
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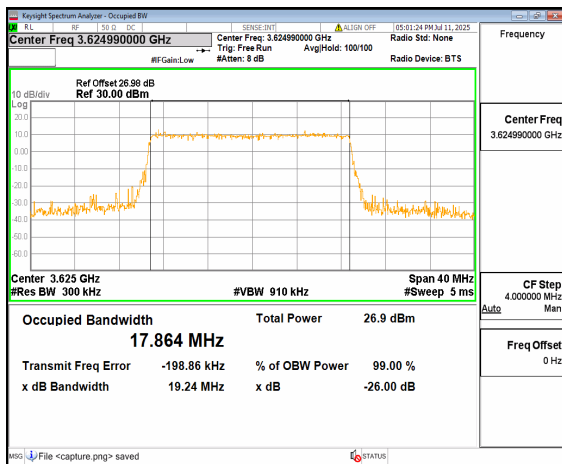
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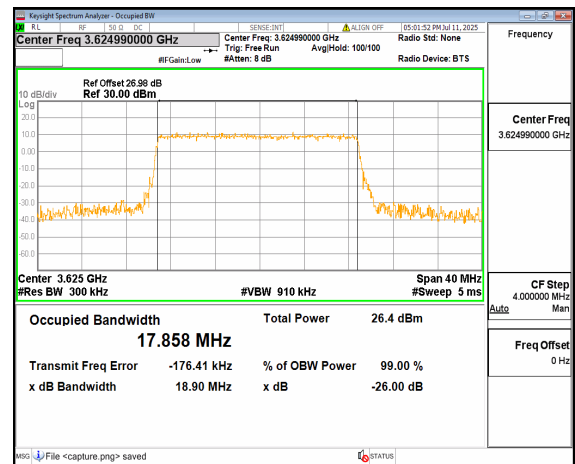
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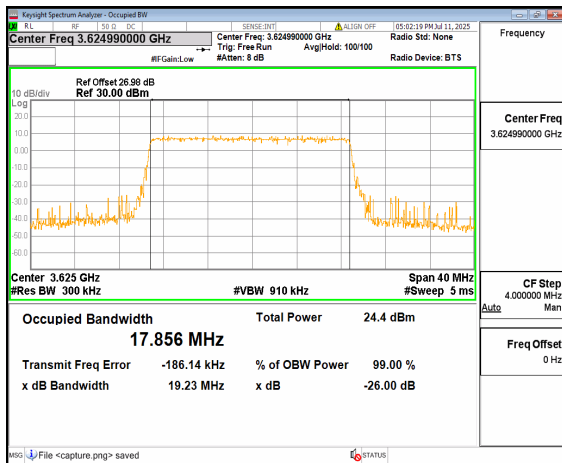
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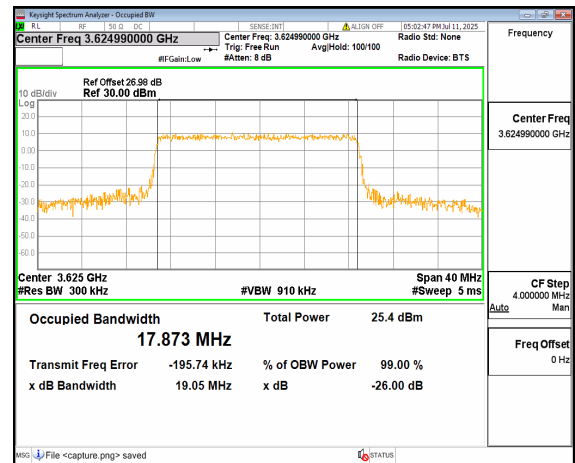
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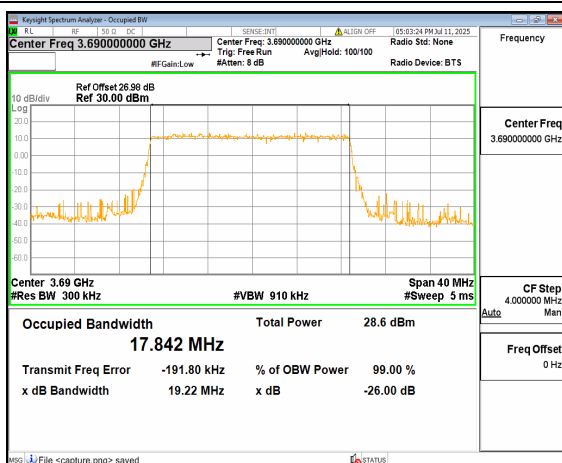
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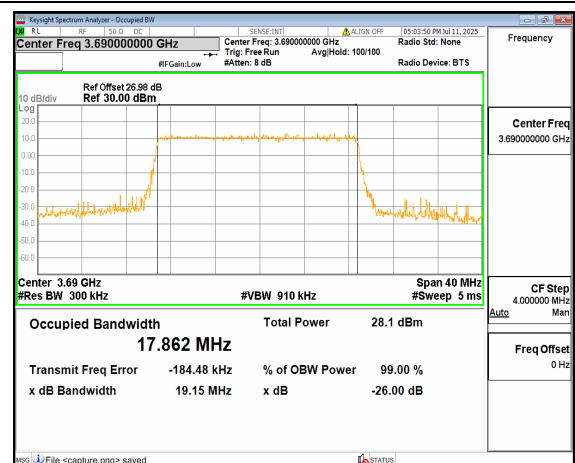
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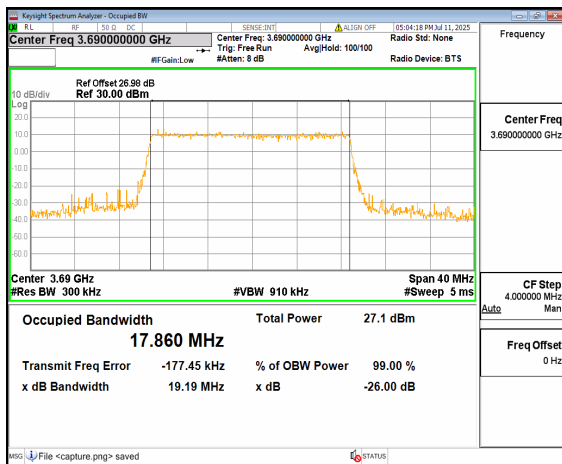
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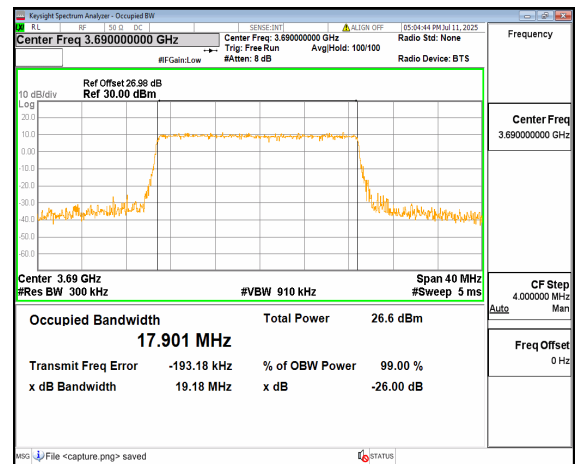
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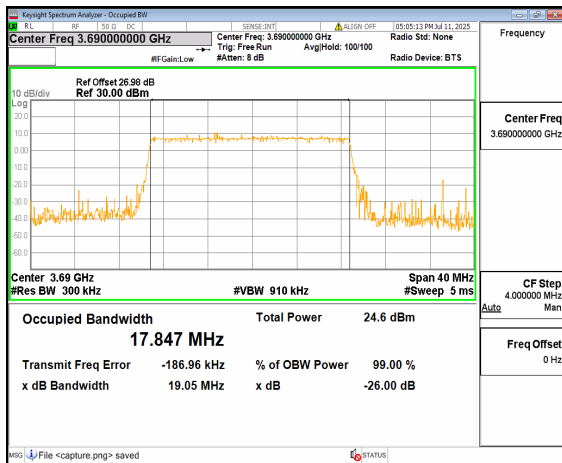
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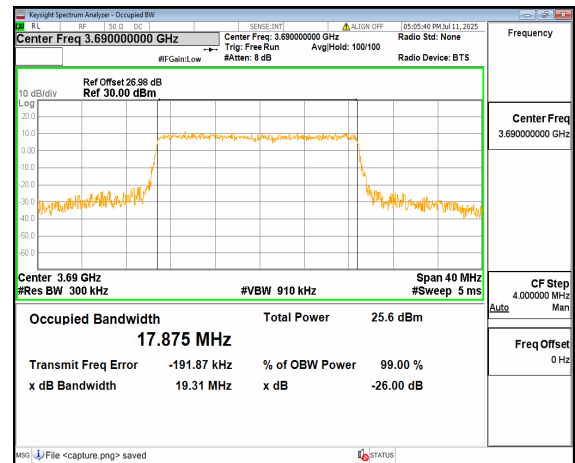
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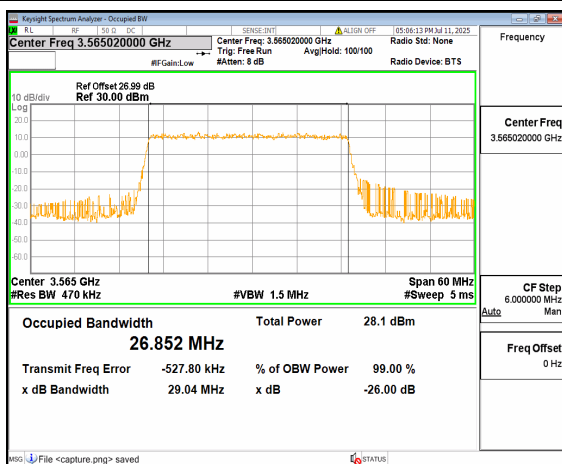
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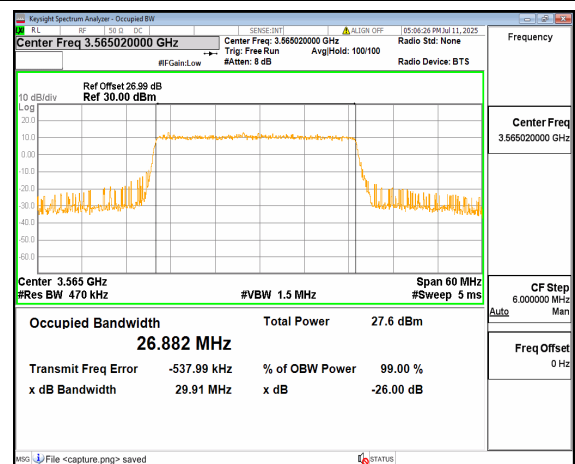
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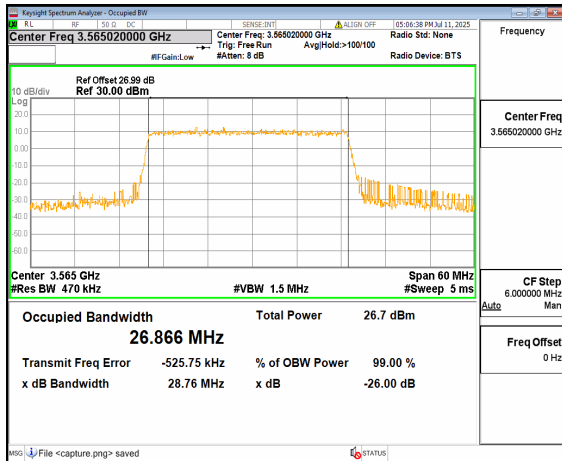
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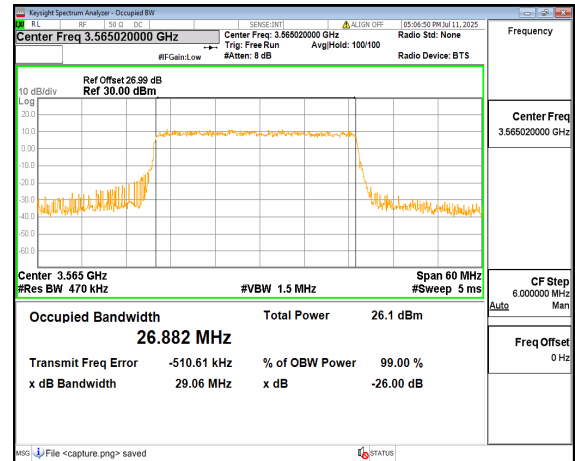
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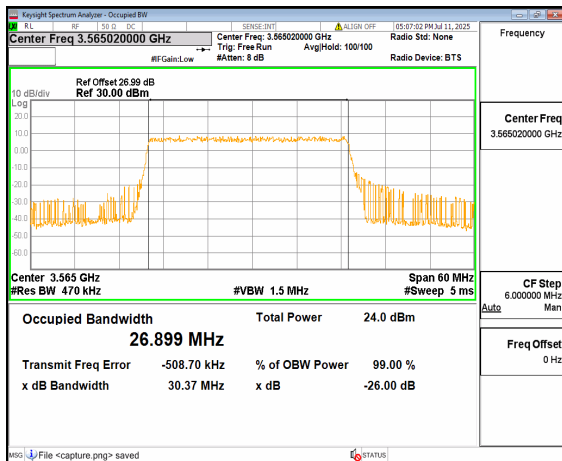
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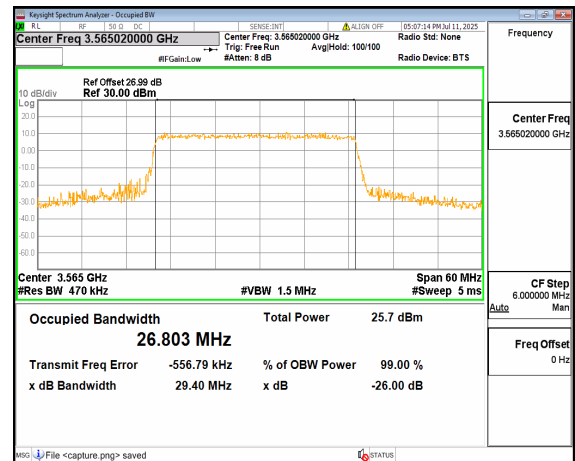
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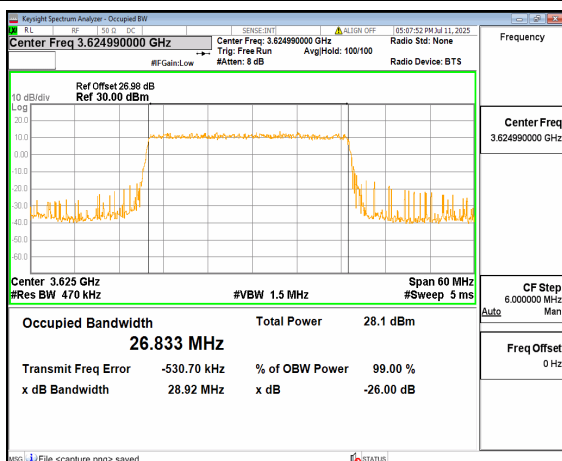
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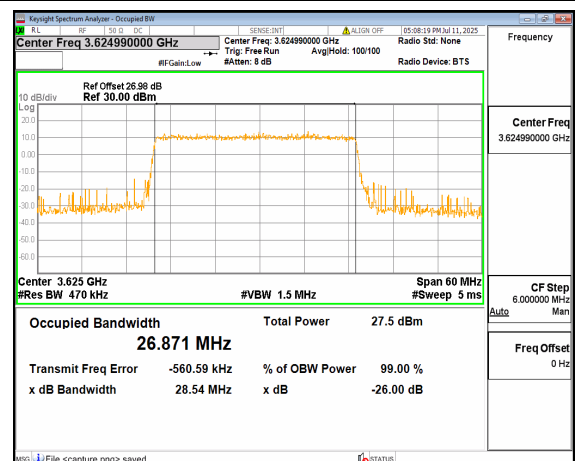
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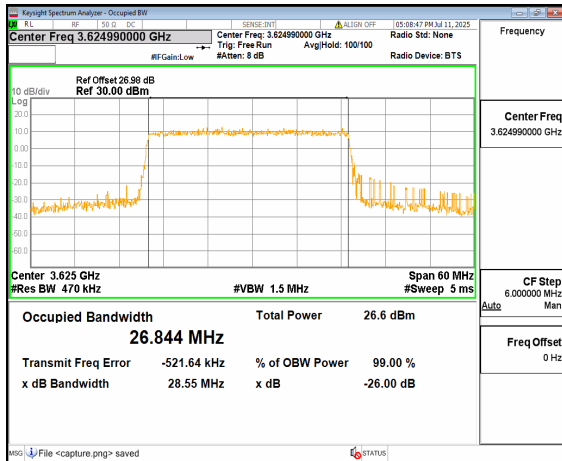
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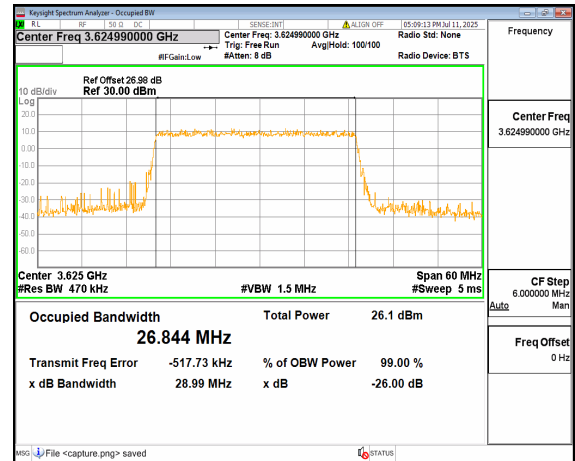
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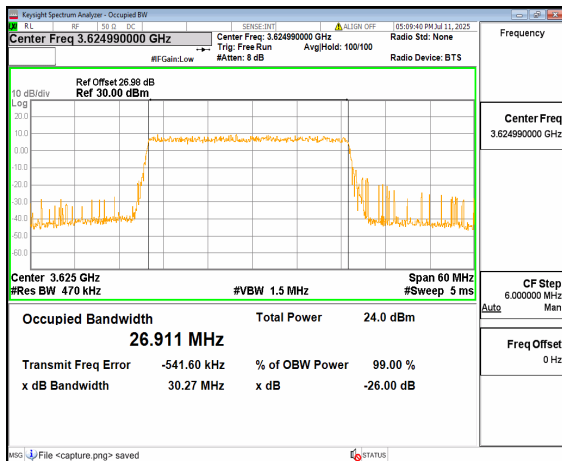
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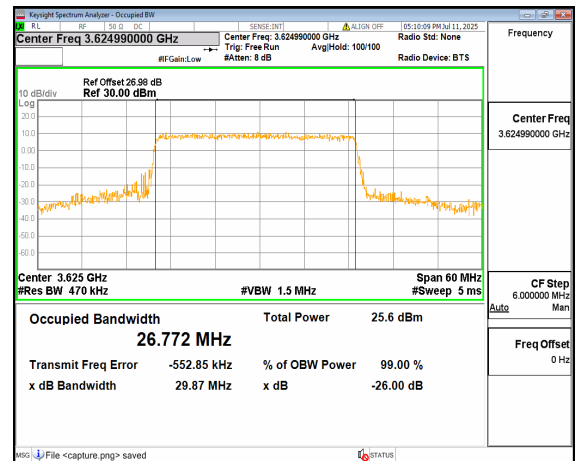
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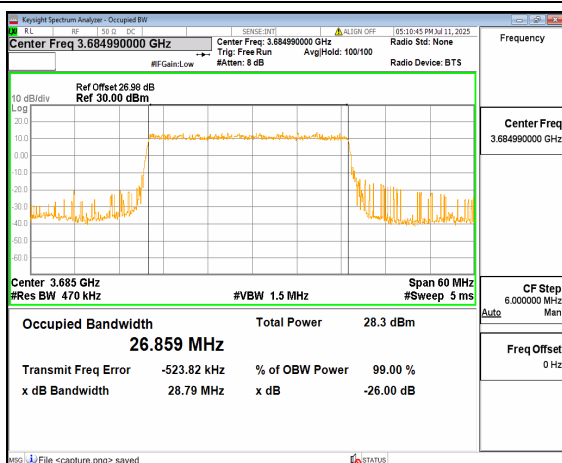
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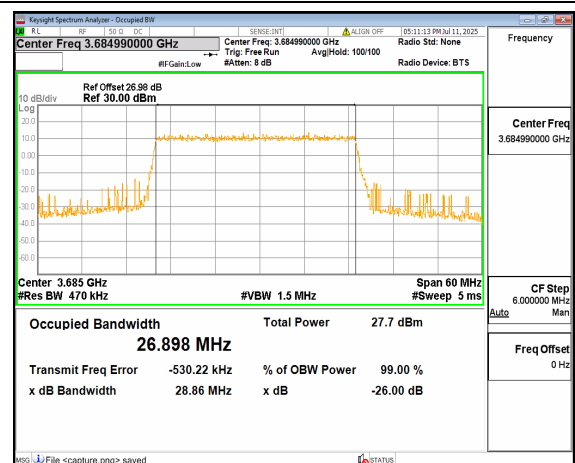
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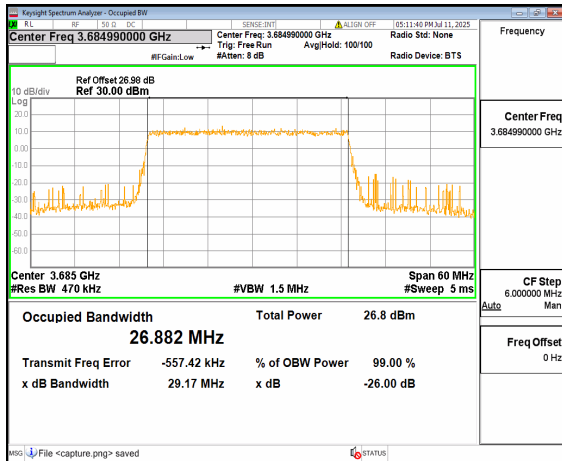
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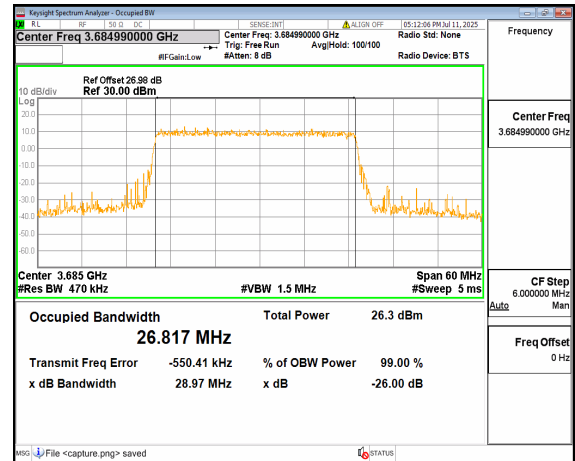
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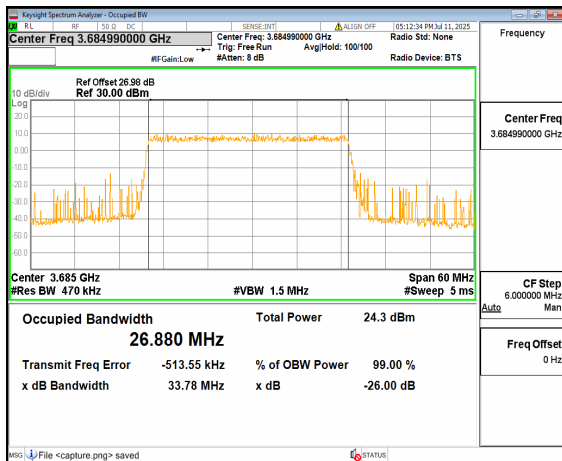
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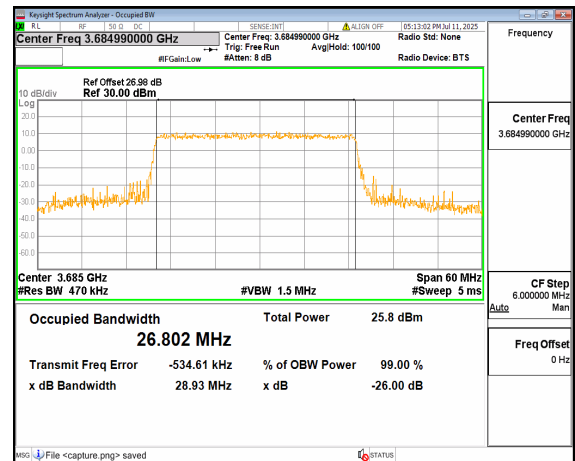
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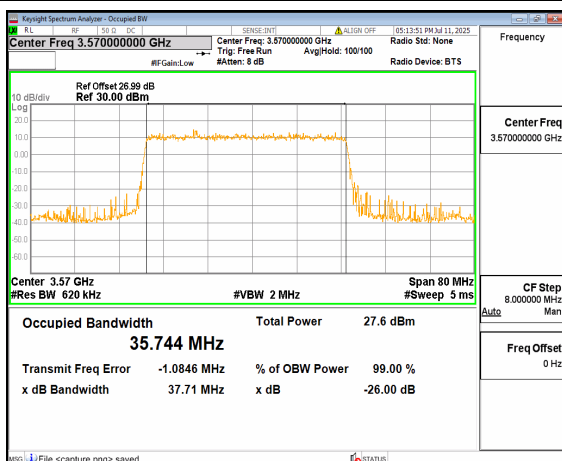
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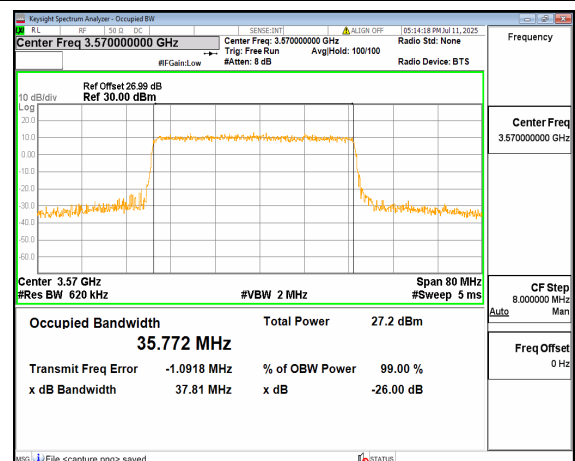
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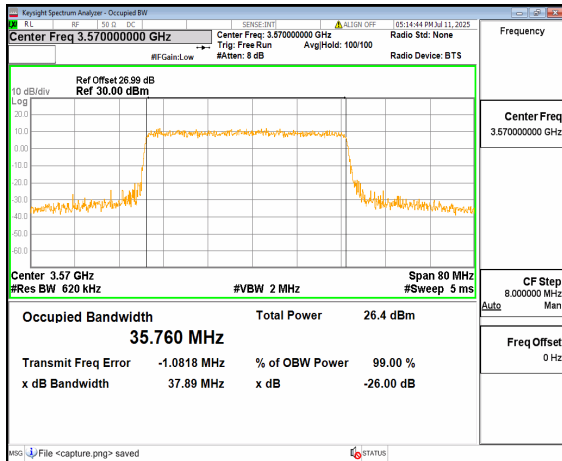
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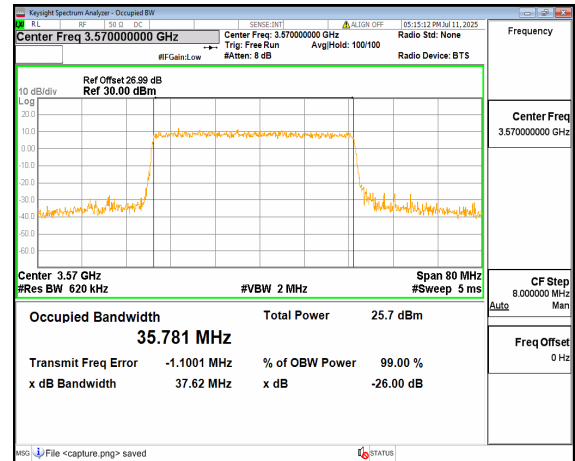
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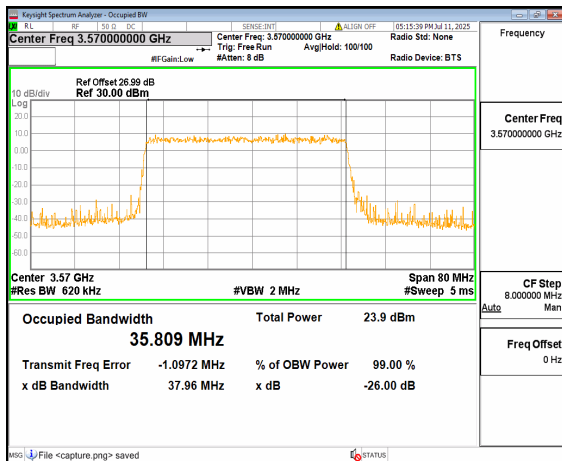
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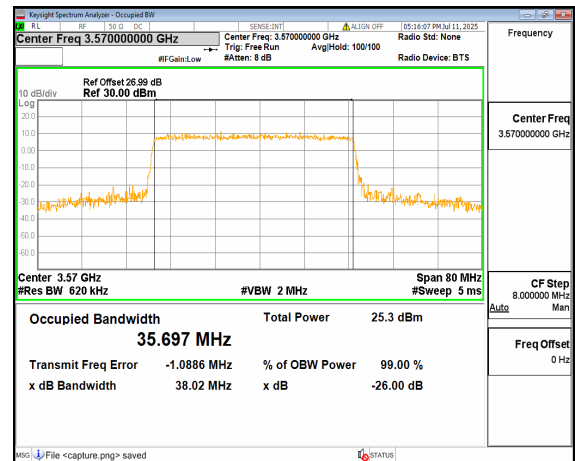
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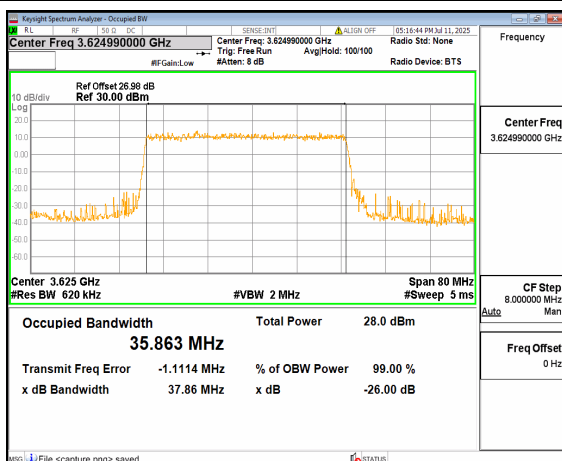
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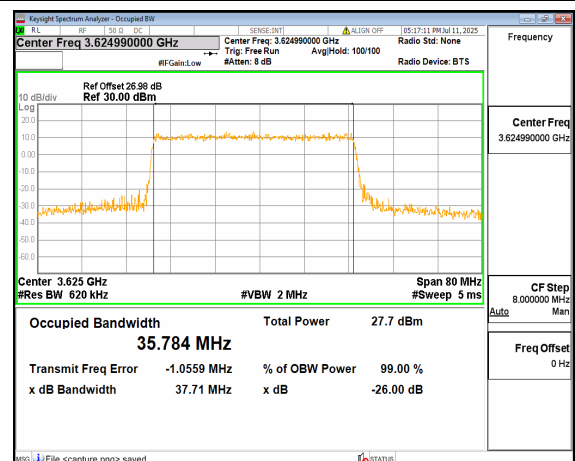
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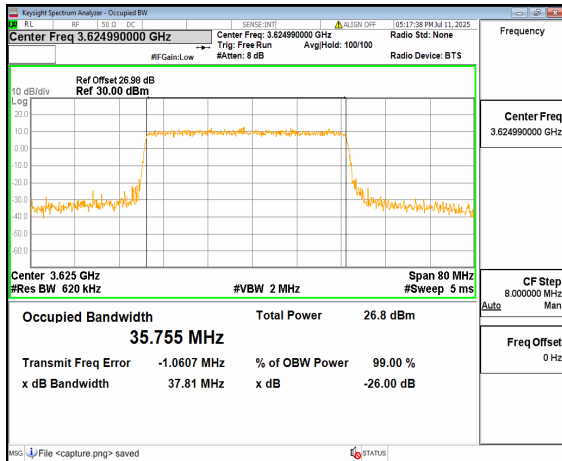
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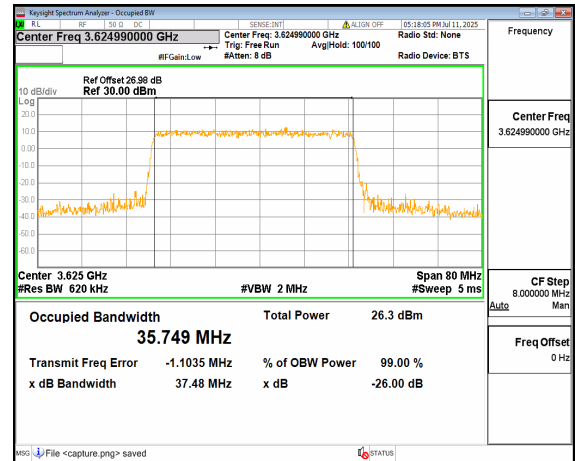
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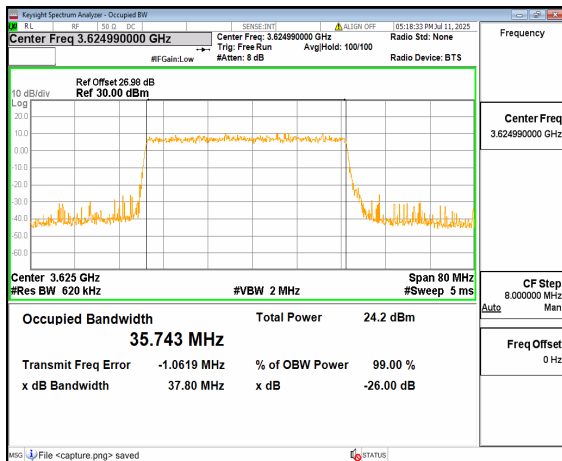
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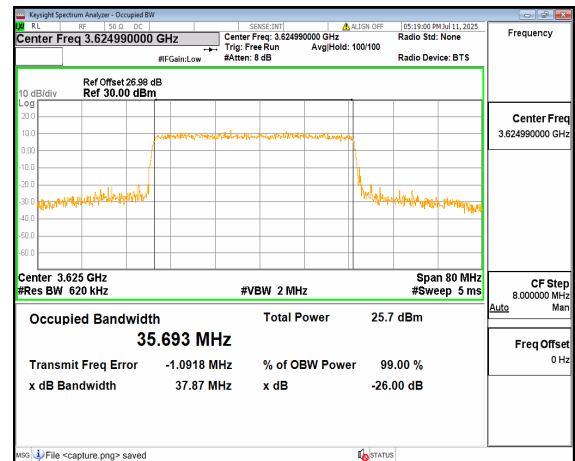
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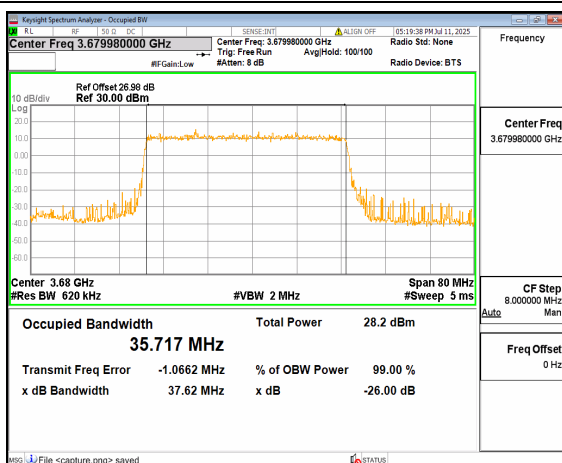
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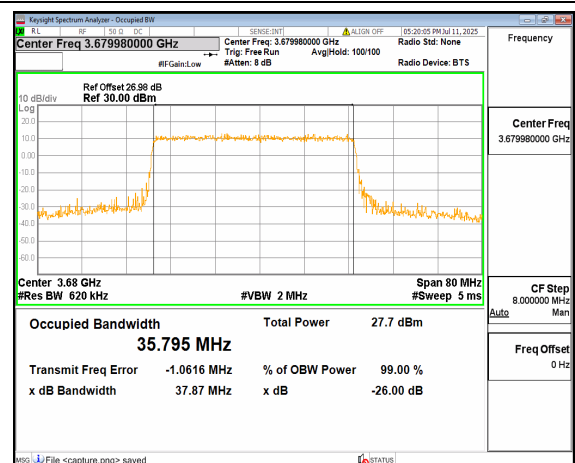
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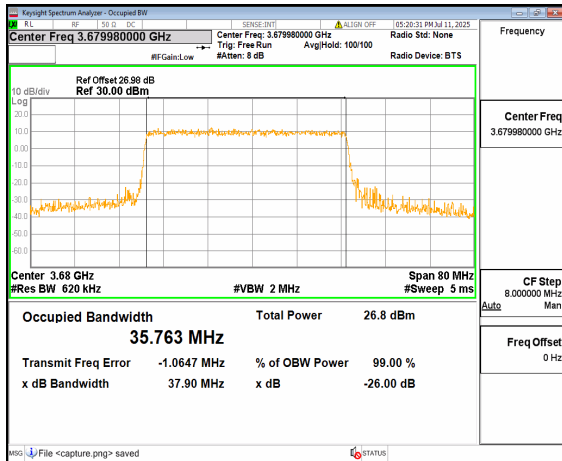
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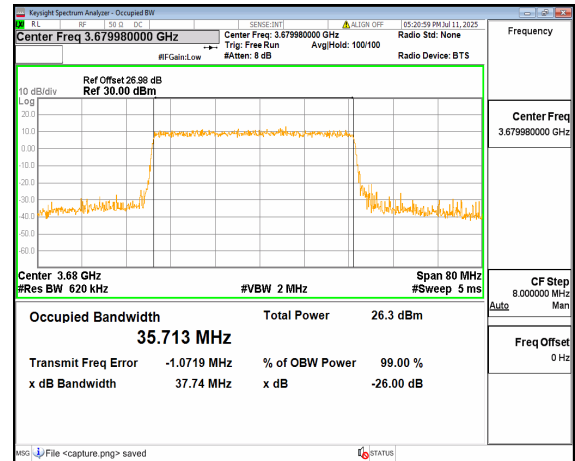
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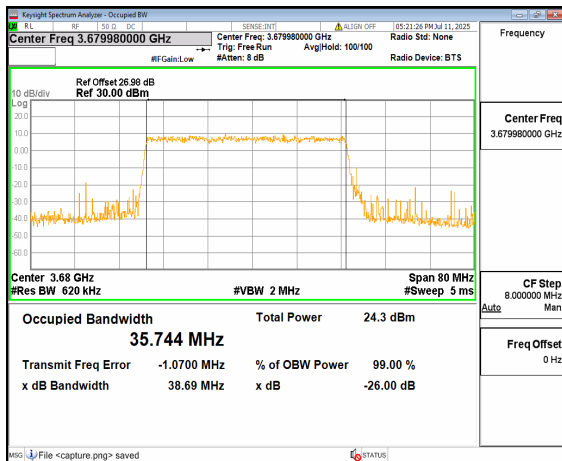
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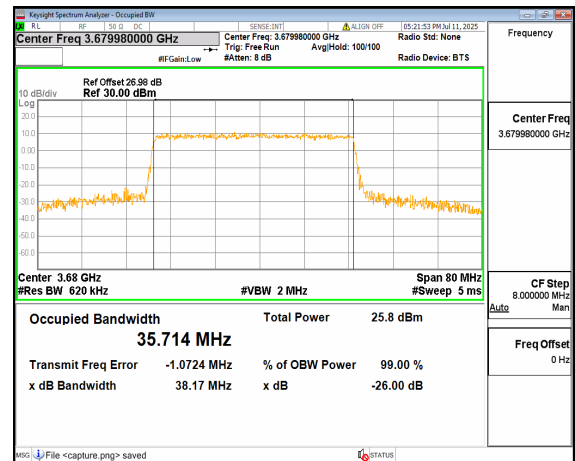
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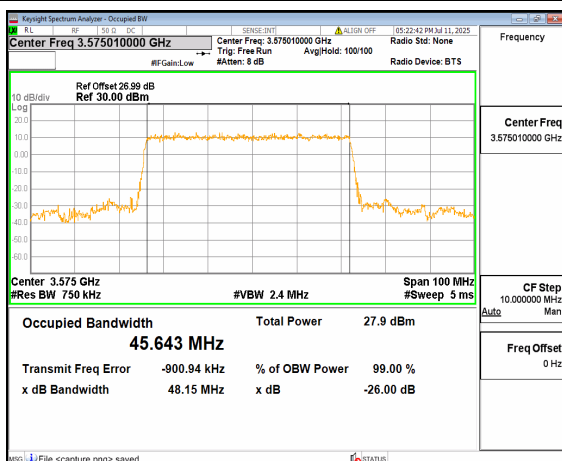
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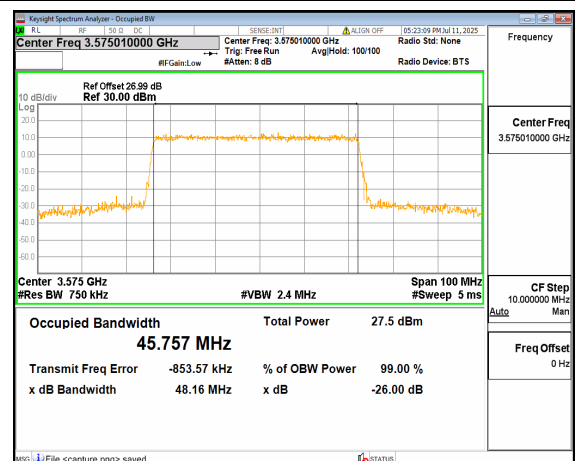
n48 40M DFT-s-OFDM 256QAM Outer_Full High



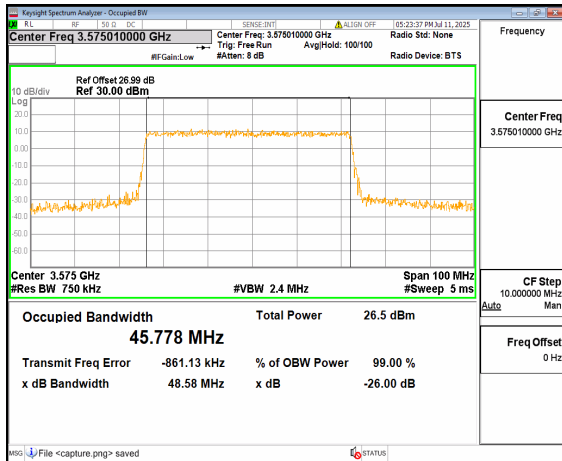
n48 40M CP-OFDM QPSK Outer_Full High



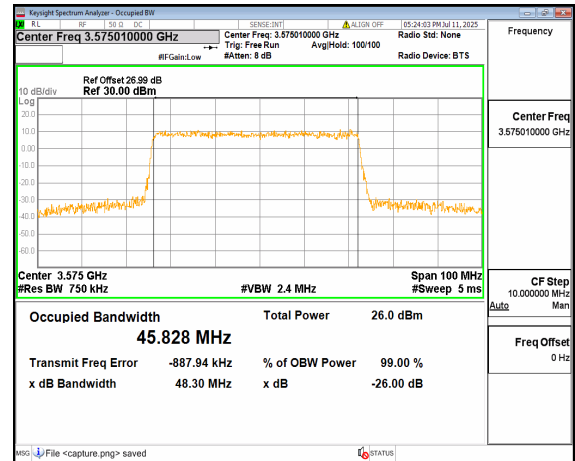
n48 50M DFT-s-OFDM BPSK Outer_Full Low



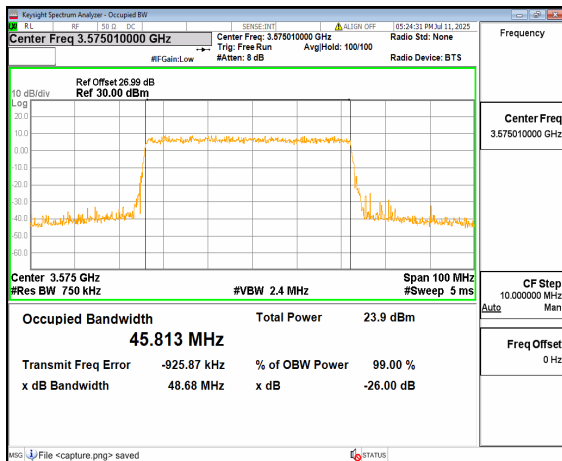
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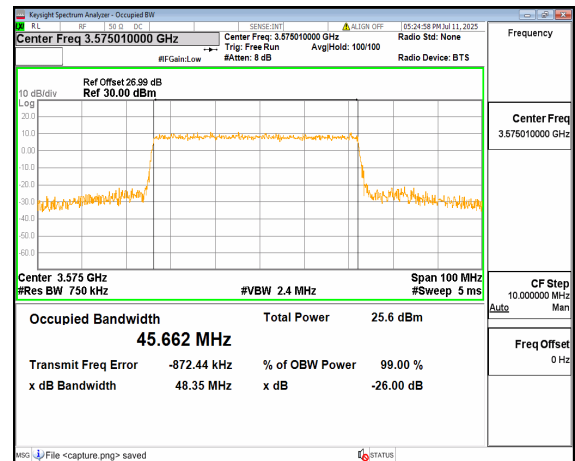
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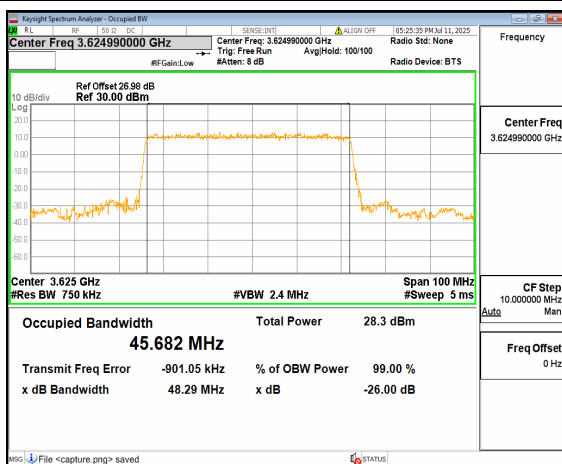
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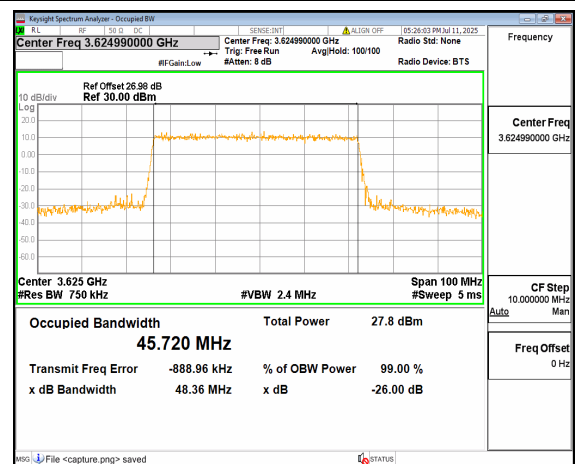
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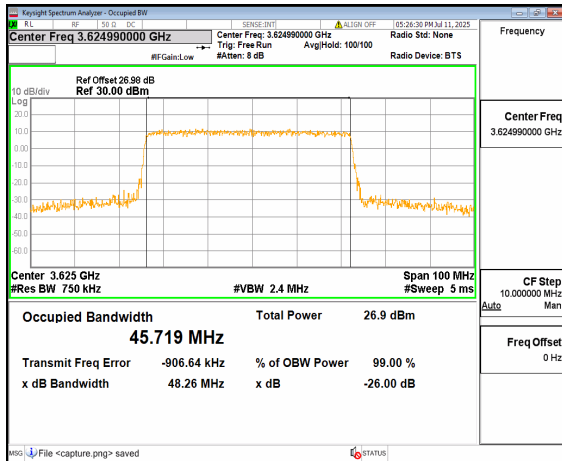
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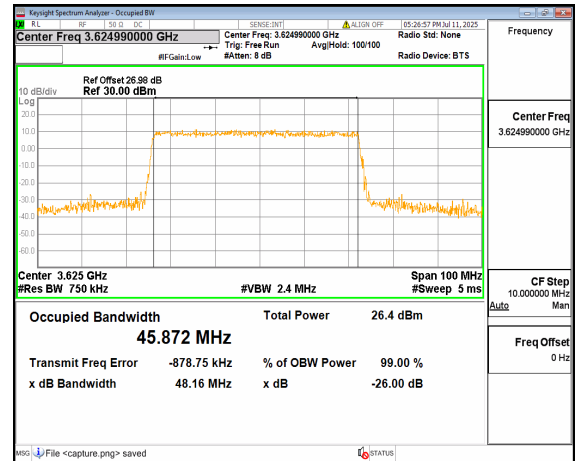
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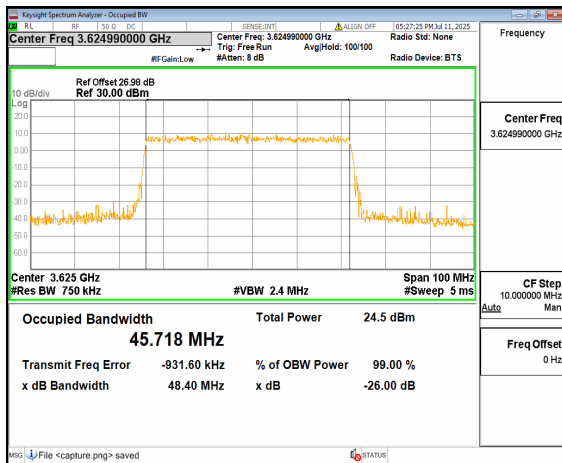
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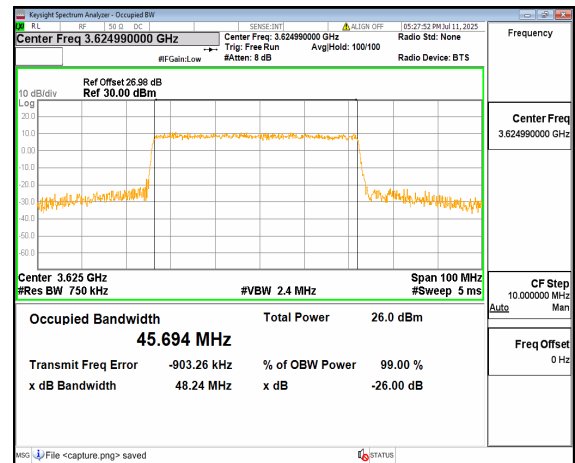
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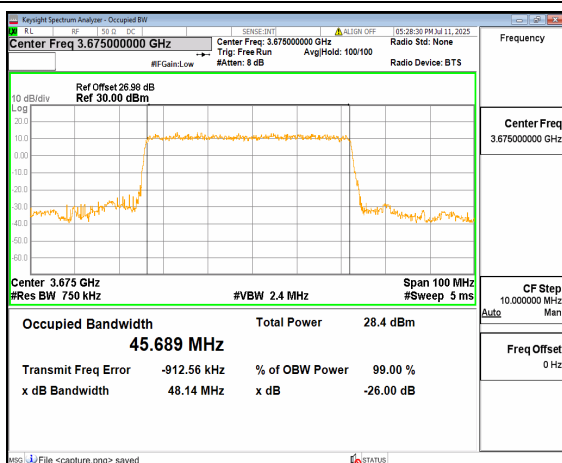
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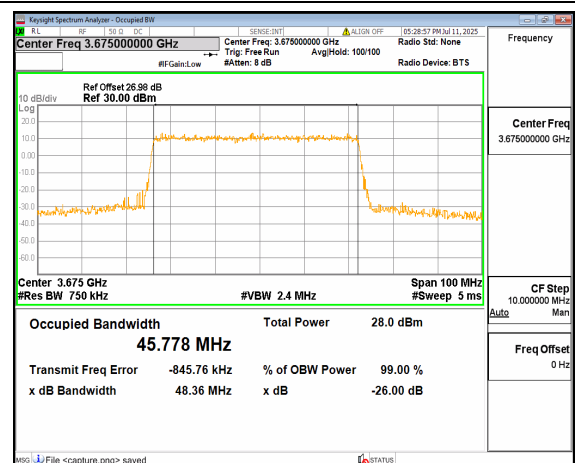
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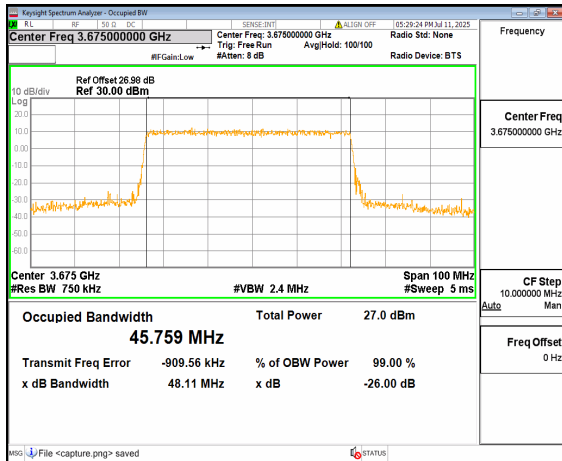
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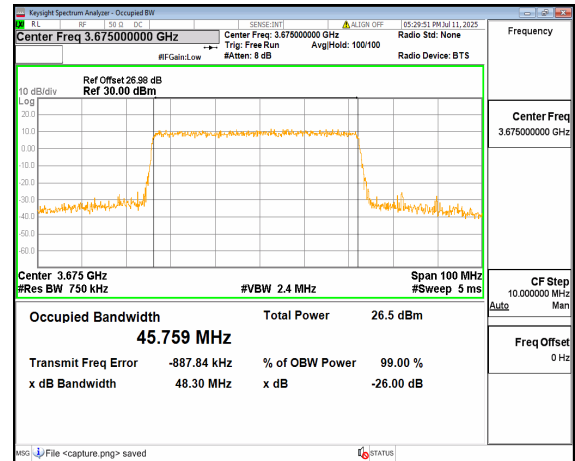
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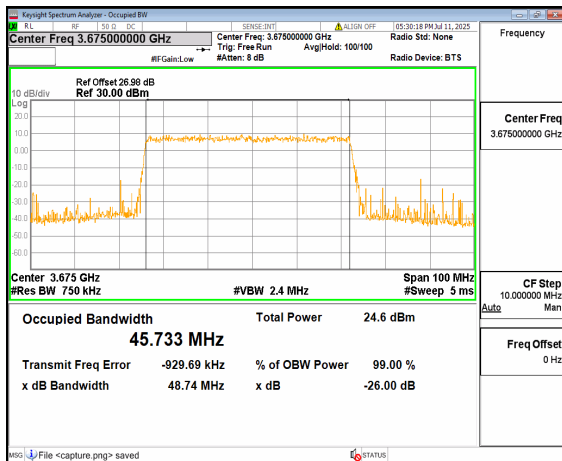
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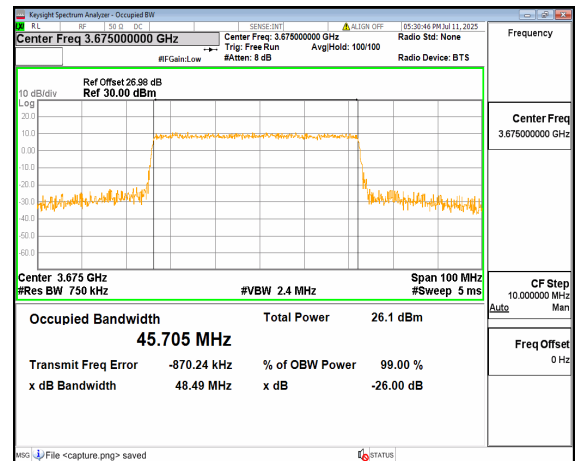
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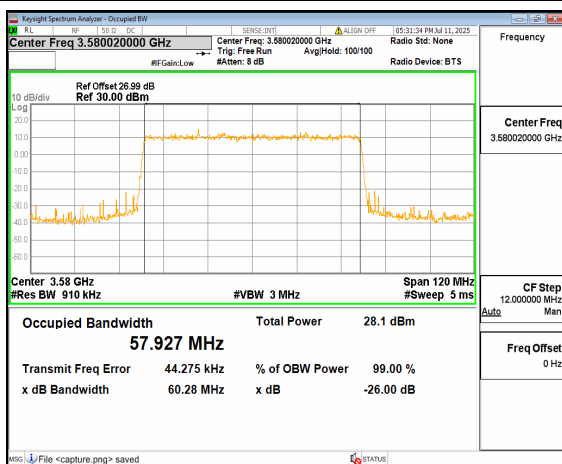
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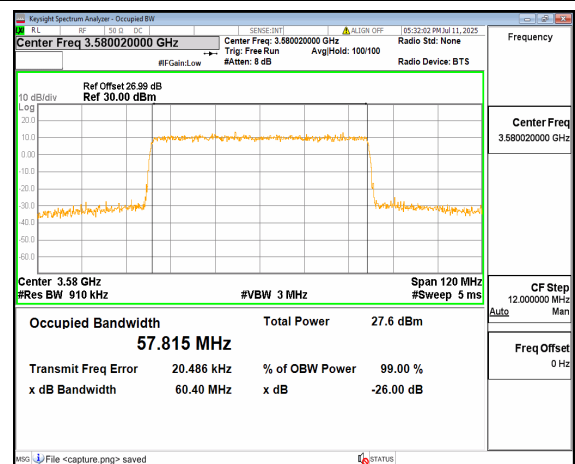
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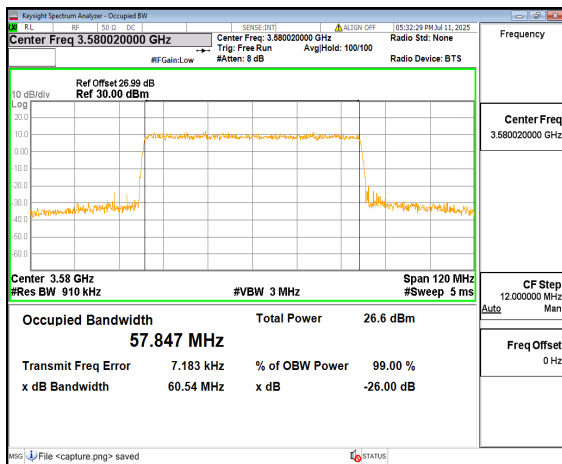
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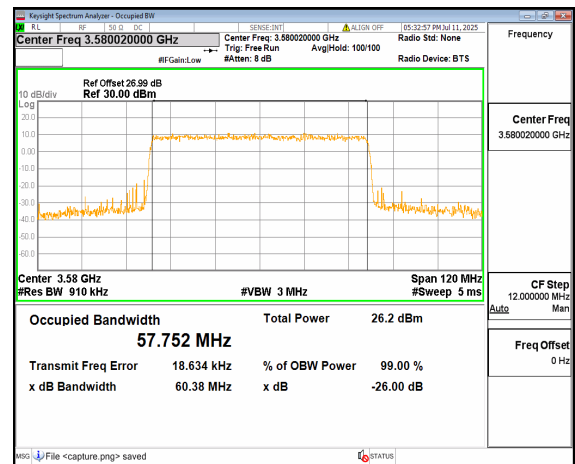
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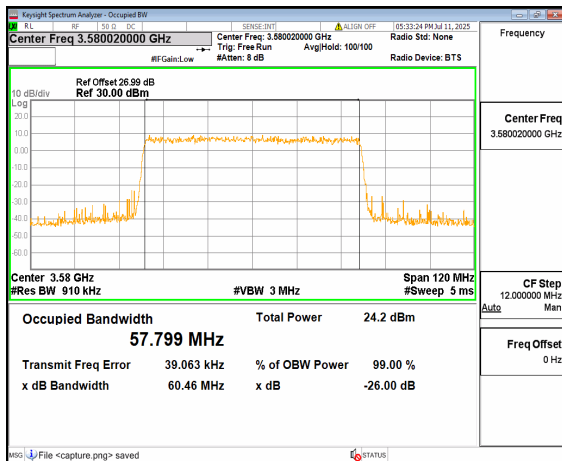
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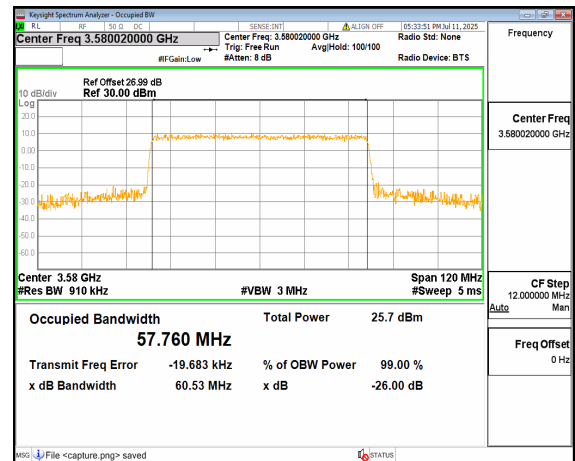
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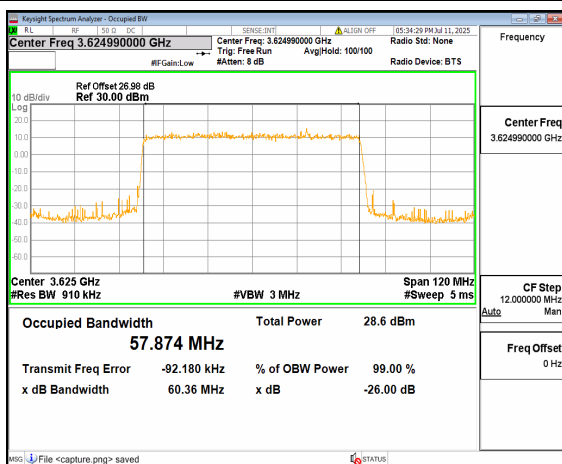
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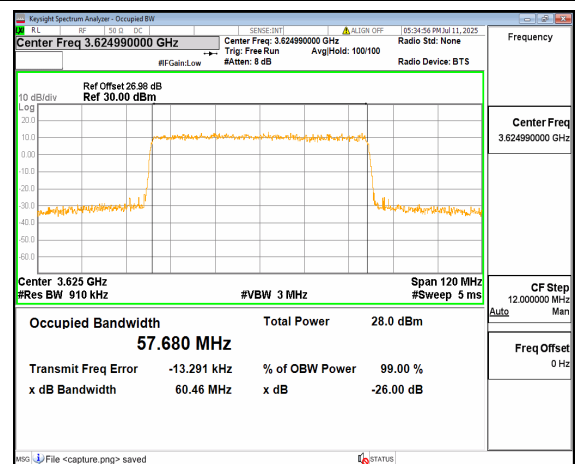
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n48 60M CP-OFDM QPSK Outer_Full Low



n48 60M DFT-s-OFDM BPSK Outer_Full Mid



n48 60M DFT-s-OFDM QPSK Outer_Full Mid