



REPORT No.: SZ23100340W02

	16QAM								
100	CP-OFDM 64QAM	1	1	/	/	25.17	0.329	/	/
100	CP-OFDM 256QAM	1	1	/	/	22.05	0.160	/	/
Channel				632668	632668	633334	633334	634000	634000
Frequency (MHz)				3490.02	3490.02	3500.01	3500.01	3510	3510
80	DFT-s-OFDM QPSK	1	1	25.54	0.358	25.65	0.367	25.89	0.388
Channel				632000	632000	633334	633334	634666	634666
Frequency (MHz)				3480	3480	3500.01	3500.01	3519.99	3519.99
60	DFT-s-OFDM QPSK	1	1	26.21	0.418	26.05	0.403	26.23	0.420
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	26.08	0.406	26.39	0.436	26.72	0.470
Channel				631000	631000	633334	633334	635666	635666
Frequency (MHz)				3465	3465	3500.01	3500.01	3534.99	3534.99
30	DFT-s-OFDM QPSK	1	1	26.03	0.401	26.49	0.446	26.89	0.489
Channel				630668	630668	633334	633334	636000	636000
Frequency (MHz)				3460.02	3460.02	3500.01	3500.01	3540	3540
20	DFT-s-OFDM QPSK	1	1	25.94	0.393	26.34	0.431	26.63	0.460

n77(3700-3980MHz)(PC2)									
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel /dBm	Low Channel /Watt	Middle Channel/ dBm	Middle Channel/ Watt	High Channel/ dBm	High Channel/ Watt
Channel				650000	650000	656000	656000	662000	662000
Frequency (MHz)				3750	3750	3840	3840	3930	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	29.11	0.815	29.10	0.813	29.24	0.839
100		1	136	29.33	0.857	29.27	0.845	29.43	0.877
100		1	271	29.23	0.838	29.20	0.832	29.42	0.875
100		135	1	28.78	0.755	28.80	0.759	28.98	0.791
100		135	67	29.41	0.873	29.29	0.849	29.53	0.897
100		135	136	28.82	0.762	28.79	0.757	29.04	0.802
100		270	0	28.83	0.764	28.85	0.767	28.98	0.791
100	DFT-s-OFDM QPSK	1	1	29.10	0.813	29.14	0.820	29.32	0.855
100		1	136	29.33	0.857	29.28	0.847	29.58	0.908



100		1	271	29.23	0.838	29.34	0.859	29.44	0.879
100		135	1	28.27	0.671	28.21	0.662	28.45	0.700
100		135	67	29.38	0.867	29.30	0.851	29.54	0.899
100		135	136	28.30	0.676	28.31	0.678	28.50	0.708
100		270	0	28.32	0.679	28.32	0.679	28.49	0.706
100	DFT-s-OFDM 16QAM	1	1	28.00	0.631	28.01	0.632	28.15	0.653
100	DFT-s-OFDM 64QAM	1	1	26.44	0.441	26.45	0.442	26.37	0.434
100	DFT-s-OFDM 256QAM	1	1	24.48	0.281	24.50	0.282	24.57	0.286
100	CP-OFDM QPSK	1	1	27.56	0.570	27.66	0.583	27.73	0.593
100	CP-OFDM 16QAM	1	1	27.11	0.514	27.16	0.520	27.20	0.525
100	CP-OFDM 64QAM	1	1	25.52	0.356	25.60	0.363	25.76	0.377
100	CP-OFDM 256QAM	1	1	22.57	0.181	22.57	0.181	22.69	0.186
Channel				649334	649334	656000	656000	662666	662666
Frequency (MHz)				3740.01	3740.01	3840	3840	3939.99	3939.99
80	DFT-s-OFDM QPSK	1	1	29.04	0.802	29.11	0.815	29.36	0.863
Channel				648668	648668	656000	656000	663332	663332
Frequency (MHz)				3730.02	3730.02	3840	3840	3949.98	3949.98
60	DFT-s-OFDM QPSK	1	1	29.24	0.839	29.32	0.855	29.47	0.885
Channel				648000	648000	656000	656000	664000	664000
Frequency (MHz)				3720	3720	3840	3840	3960	3960
40	DFT-s-OFDM QPSK	1	1	29.77	0.948	29.70	0.933	29.57	0.906
Channel				647668	647668	656000	656000	664332	664332
Frequency (MHz)				3715.02	3715.02	3840	3840	3964.98	3964.98
30	DFT-s-OFDM QPSK	1	1	29.50	0.891	29.63	0.918	29.84	0.964
Channel				647334	647334	656000	656000	664666	664666
Frequency (MHz)				3710.01	3710.01	3840	3840	3969.99	3969.99
20	DFT-s-OFDM QPSK	1	1	29.48	0.887	29.62	0.916	29.78	0.951



n77(3700-3980MHz)(PC3)									
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel/ dBm	Low Channel/ Watt	Middle Channel/ dBm	Middle Channel/ Watt	High Channel/ dBm	High Channel/ Watt
Channel				650000	650000	656000	656000	662000	662000
Frequency (MHz)				3750	3750	3840	3840	3930	3930
100	DFT-s-OFDM PI/2 BPSK	1	1	26.21	0.418	26.15	0.412	26.22	0.419
100		1	136	26.37	0.434	26.37	0.434	26.52	0.449
100		1	271	26.18	0.415	26.26	0.423	26.51	0.448
100		135	1	26.34	0.431	26.29	0.426	26.45	0.442
100		135	67	26.41	0.438	26.28	0.425	26.52	0.449
100		135	136	26.30	0.427	26.33	0.430	26.60	0.457
100		270	0	26.32	0.429	26.34	0.431	26.50	0.447
100	DFT-s-OFDM QPSK	1	1	26.17	0.414	26.17	0.414	26.18	0.415
100		1	136	26.38	0.435	26.34	0.431	26.52	0.449
100		1	271	26.19	0.416	26.30	0.427	26.49	0.446
100		135	1	26.27	0.424	26.31	0.428	26.42	0.439
100		135	67	26.37	0.434	26.29	0.426	26.53	0.450
100		135	136	26.30	0.427	26.29	0.426	26.55	0.452
100		270	0	26.31	0.428	26.33	0.430	26.44	0.441
100	DFT-s-OFDM 16QAM	1	1	26.27	0.424	26.31	0.428	26.28	0.425
100	DFT-s-OFDM 64QAM	1	1	26.25	0.422	26.17	0.414	26.25	0.422
100	DFT-s-OFDM 256QAM	1	1	24.57	0.286	24.51	0.282	24.60	0.288
100	CP-OFDM QPSK	1	1	26.15	0.412	26.17	0.414	26.24	0.421
100	CP-OFDM 16QAM	1	1	26.19	0.416	26.17	0.414	26.20	0.417
100	CP-OFDM 64QAM	1	1	25.83	0.383	25.76	0.377	25.76	0.377
100	CP-OFDM 256QAM	1	1	22.67	0.185	22.59	0.182	22.66	0.185
Channel				649334	649334	656000	656000	662666	662666
Frequency (MHz)				3740.01	3740.01	3840	3840	3939.99	3939.99
80	DFT-s-OFDM QPSK	1	1	26.23	0.420	26.18	0.415	26.42	0.439
Channel				648668	648668	656000	656000	663332	663332
Frequency (MHz)				3730.02	3730.02	3840	3840	3949.98	3949.98
60	DFT-s-OFDM QPSK	1	1	26.34	0.431	26.33	0.430	26.66	0.463
Channel				648000	648000	656000	656000	664000	664000
Frequency (MHz)				3720	3720	3840	3840	3960	3960
40	DFT-s-OFDM QPSK	1	1	26.84	0.483	26.73	0.471	26.71	0.469
Channel				647668	647668	656000	656000	664332	664332
Frequency (MHz)				3715.02	3715.02	3840	3840	3964.98	3964.98



30	DFT-s-OFDM QPSK	1	1	26.56	0.453	26.67	0.465	26.80	0.479
Channel				647334	647334	656000	656000	664666	664666
Frequency (MHz)				3710.01	3710.01	3840	3840	3969.99	3969.99
20	DFT-s-OFDM QPSK	1	1	26.53	0.450	26.58	0.455	26.75	0.473

n78(3450-3550MHz)(PC2)									
BW [MHz]	Modulation	R B Size	RB Offset	Low Channel /dBm	Low Channel/ Watt	Middle Channel/ dBm	Middle Channel/ Watt	High Channel/ dBm	High Channel/ Watt
Channel				/	/	633334	633334	/	/
Frequency (MHz)				/	/	3500.01	3500.01	/	/
100	DFT-s-OFDM PI/2 BPSK	1	1	/	/	25.99	0.397	/	/
100		1	136	/	/	26.54	0.451	/	/
100		1	271	/	/	26.77	0.475	/	/
100		135	1	/	/	25.84	0.384	/	/
100		135	67	/	/	26.63	0.460	/	/
100		135	136	/	/	26.17	0.414	/	/
100		270	0	/	/	26.04	0.402	/	/
100	DFT-s-OFDM QPSK	1	1	/	/	25.97	0.395	/	/
100		1	136	/	/	26.55	0.452	/	/
100		1	271	/	/	26.80	0.479	/	/
100		135	1	/	/	25.36	0.344	/	/
100		135	67	/	/	26.59	0.456	/	/
100		135	136	/	/	25.69	0.371	/	/
100		270	0	/	/	25.52	0.356	/	/
100	DFT-s-OFDM 16QAM	1	1	/	/	25.03	0.318	/	/
100	DFT-s-OFDM 64QAM	1	1	/	/	23.52	0.225	/	/
100	DFT-s-OFDM 256QAM	1	1	/	/	21.51	0.142	/	/
100	CP-OFDM QPSK	1	1	/	/	24.57	0.286	/	/
100	CP-OFDM 16QAM	1	1	/	/	24.00	0.251	/	/
100	CP-OFDM 64QAM	1	1	/	/	22.61	0.182	/	/
100	CP-OFDM 256QAM	1	1	/	/	19.50	0.089	/	/
Channel				633000	633000	633334	633334	633666	633666
Frequency (MHz)				3495	3495	3500.01	3500.01	3504.99	3504.99
90	DFT-s-OFDM QPSK	1	1	25.99	0.397	26.12	0.409	26.11	0.408
Channel				632668	632668	633334	633334	634000	634000
Frequency (MHz)				3490.02	3490.02	3500.01	3500.01	3510	3510



80	DFT-s-OFDM QPSK	1	1	26.03	0.401	26.14	0.411	26.23	0.420
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	26.08	0.406	26.26	0.423	26.51	0.448
Channel				632000	632000	633334	633334	634666	634666
Frequency (MHz)				3480	3480	3500.01	3500.01	3519.99	3519.99
60	DFT-s-OFDM QPSK	1	1	26.23	0.420	26.46	0.443	26.61	0.458
Channel				631668	631668	633334	633334	635000	635000
Frequency (MHz)				3475.02	3475.02	3500.01	3500.01	3525	3525
50	DFT-s-OFDM QPSK	1	1	16.64	0.046	26.43	0.440	26.61	0.458
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	26.63	0.460	26.84	0.483	27.12	0.515
Channel				631000	631000	633334	633334	635666	635666
Frequency (MHz)				3465	3465	3500.01	3500.01	3534.99	3534.99
30	DFT-s-OFDM QPSK	1	1	26.49	0.446	26.82	0.481	27.16	0.520
Channel				630668	630668	633334	633334	636000	636000
Frequency (MHz)				3460.02	3460.02	3500.01	3500.01	3540	3540
20	DFT-s-OFDM QPSK	1	1	26.53	0.450	26.77	0.475	27.02	0.504

n78(3450-3550MHz)(PC2)									
BW [MHz]	Modulation	R B 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	/	/	23.01	0.200	/	/
100		1	136	/	/	23.59	0.229	/	/
100		1	271	/	/	23.82	0.241	/	/
100		135	1	/	/	23.30	0.214	/	/
100		135	67	/	/	23.55	0.226	/	/
100		135	136	/	/	23.62	0.230	/	/
100		270	0	/	/	23.52	0.225	/	/
100	DFT-s-OFDM QPSK	1	1	/	/	23.00	0.200	/	/
100		1	136	/	/	23.49	0.223	/	/
100		1	271	/	/	23.75	0.237	/	/
100		135	1	/	/	23.26	0.212	/	/
100		135	67	/	/	23.58	0.228	/	/
100		135	136	/	/	23.67	0.233	/	/



100		270	0	/	/	23.56	0.227	/	/
100	DFT-s-OFDM 16QAM	1	1	/	/	23.03	0.201	/	/
100	DFT-s-OFDM 64QAM	1	1	/	/	23.01	0.200	/	/
100	DFT-s-OFDM 256QAM	1	1	/	/	21.41	0.138	/	/
100	CP-OFDM QPSK	1	1	/	/	22.96	0.198	/	/
100	CP-OFDM 16QAM	1	1	/	/	23.03	0.201	/	/
100	CP-OFDM 64QAM	1	1	/	/	22.62	0.183	/	/
100	CP-OFDM 256QAM	1	1	/	/	19.45	0.088	/	/
Channel				633000	633000	633334	633334	633666	633666
Frequency (MHz)				3495	3495	3500.01	3500.01	3504.99	3504.99
90	DFT-s-OFDM QPSK	1	1	23.04	0.201	23.02	0.200	23.16	0.207
Channel				632668	632668	633334	633334	634000	634000
Frequency (MHz)				3490.02	3490.02	3500.01	3500.01	3510	3510
80	DFT-s-OFDM QPSK	1	1	23.10	0.204	23.13	0.206	23.35	0.216
Channel				632334	632334	633334	633334	634332	634332
Frequency (MHz)				3485.01	3485.01	3500.01	3500.01	3514.98	3514.98
70	DFT-s-OFDM QPSK	1	1	23.06	0.202	23.14	0.206	23.50	0.224
Channel				632000	632000	633334	633334	634666	634666
Frequency (MHz)				3480	3480	3500.01	3500.01	3519.99	3519.99
60	DFT-s-OFDM QPSK	1	1	23.22	0.210	23.40	0.219	23.63	0.231
Channel				631668	631668	633334	633334	635000	635000
Frequency (MHz)				3475.02	3475.02	3500.01	3500.01	3525	3525
50	DFT-s-OFDM QPSK	1	1	23.06	0.202	23.46	0.222	23.63	0.231
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	23.50	0.224	23.80	0.240	24.06	0.255
Channel				631000	631000	633334	633334	635666	635666
Frequency (MHz)				3465	3465	3500.01	3500.01	3534.99	3534.99
30	DFT-s-OFDM QPSK	1	1	23.30	0.214	23.90	0.245	24.13	0.259
Channel				630668	630668	633334	633334	636000	636000
Frequency (MHz)				3460.02	3460.02	3500.01	3500.01	3540	3540
20	DFT-s-OFDM QPSK	1	1	23.48	0.223	23.79	0.239	24.07	0.255



n78(3700-3800MHz)(PC2)									
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
Channel				/	/	650000	650000	/	/
Frequency (MHz)				/	/	3750	3750	/	/
100	DFT-s-OFDM PI/2 BPSK	1	1	/	/	26.43	0.440	/	/
100		1	136	/	/	26.65	0.462	/	/
100		1	271	/	/	26.53	0.450	/	/
100		135	1	/	/	26.11	0.408	/	/
100		135	67	/	/	26.67	0.465	/	/
100		135	136	/	/	26.15	0.412	/	/
100		270	0	/	/	26.15	0.412	/	/
100	DFT-s-OFDM QPSK	1	1	/	/	26.27	0.424	/	/
100		1	136	/	/	26.68	0.466	/	/
100		1	271	/	/	26.54	0.451	/	/
100		135	1	/	/	25.57	0.361	/	/
100		135	67	/	/	26.68	0.466	/	/
100		135	136	/	/	25.65	0.367	/	/
100		270	0	/	/	25.64	0.366	/	/
100	DFT-s-OFDM 16QAM	1	1	/	/	25.24	0.334	/	/
100	DFT-s-OFDM 64QAM	1	1	/	/	23.62	0.230	/	/
100	DFT-s-OFDM 256QAM	1	1	/	/	21.74	0.149	/	/
100	CP-OFDM QPSK	1	1	/	/	24.99	0.316	/	/
100	CP-OFDM 16QAM	1	1	/	/	24.37	0.274	/	/
100	CP-OFDM 64QAM	1	1	/	/	22.80	0.191	/	/
100	CP-OFDM 256QAM	1	1	/	/	19.81	0.096	/	/
Channel				649668	649668	650000	650000	650332	650332
Frequency (MHz)				3745.02	3745.02	3750	3750	3754.98	3754.98
90	DFT-s-OFDM QPSK	1	1	26.34	0.431	26.41	0.438	26.55	0.452
Channel				649334	649334	650000	650000	650666	650666
Frequency (MHz)				3740.01	3740.01	3750	3750	3759.99	3759.99
80	DFT-s-OFDM QPSK	1	1	26.35	0.432	26.43	0.440	26.53	0.450
Channel				649000	649000	650000	650000	651000	651000
Frequency (MHz)				3735	3735	3750	3750	3765	3765
70	DFT-s-OFDM QPSK	1	1	26.41	0.438	26.57	0.454	26.46	0.443
Channel				648668	648668	650000	650000	651332	651332
Frequency (MHz)				3730.02	3730.02	3750	3750	3769.98	3769.98



60	DFT-s-OFDM QPSK	1	1	26.49	0.446	26.57	0.454	26.74	0.472
Channel				648334	648334	650000	650000	651666	651666
Frequency (MHz)				3725.01	3725.01	3750	3750	3774.99	3774.99
50	DFT-s-OFDM QPSK	1	1	26.50	0.447	26.60	0.457	26.88	0.488
Channel				648000	648000	650000	650000	652000	652000
Frequency (MHz)				3720	3720	3750	3750	3780	3780
40	DFT-s-OFDM QPSK	1	1	26.98	0.499	27.10	0.513	27.33	0.541
Channel				647668	647668	650000	650000	652332	652332
Frequency (MHz)				3715.02	3715.02	3750	3750	3784.98	3784.98
30	DFT-s-OFDM QPSK	1	1	26.77	0.475	26.98	0.499	27.22	0.527
Channel				647334	647334	650000	650000	652666	652666
Frequency (MHz)				3710.01	3710.01	3750	3750	3789.99	3789.99
20	DFT-s-OFDM QPSK	1	1	26.79	0.478	26.96	0.497	27.07	0.509

n78(3700-3800MHz)(PC3)									
BW [M Hz]	Modulation	RB Size	RB Offset	Low Channel/ dBm	Low Channel/ Watt	Middle Channel/ dBm	Middle Channel/ Watt	High Channel/ dBm	High Channel/ Watt
Channel				/	/	650000	650000	/	/
Frequency (MHz)				/	/	3750	3750	/	/
100	DFT-s-OFDM PI/2 BPSK	1	1	/	/	23.41	0.219	/	/
100		1	136	/	/	23.65	0.232	/	/
100		1	271	/	/	23.52	0.225	/	/
100		135	1	/	/	23.60	0.229	/	/
100		135	67	/	/	23.65	0.232	/	/
100		135	136	/	/	23.59	0.229	/	/
100		270	0	/	/	23.62	0.230	/	/
100	DFT-s-OFDM QPSK	1	1	/	/	23.35	0.216	/	/
100		1	136	/	/	23.65	0.232	/	/
100		1	271	/	/	23.44	0.221	/	/
100		135	1	/	/	23.57	0.228	/	/
100		135	67	/	/	23.66	0.232	/	/
100		135	136	/	/	23.56	0.227	/	/
100		270	0	/	/	23.62	0.230	/	/
100	DFT-s-OFDM 16QAM	1	1	/	/	23.52	0.225	/	/
100	DFT-s-OFDM 64QAM	1	1	/	/	23.42	0.220	/	/
100	DFT-s-OFDM 256QAM	1	1	/	/	21.73	0.149	/	/
100	CP-OFDM QPSK	1	1	/	/	23.38	0.218	/	/



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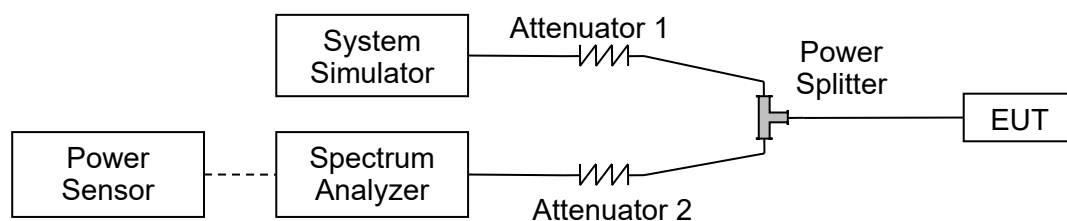
100	CP-OFDM 16QAM	1	1	/	/	23.38	0.218	/	/
100	CP-OFDM 64QAM	1	1	/	/	22.95	0.197	/	/
100	CP-OFDM 256QAM	1	1	/	/	19.88	0.097	/	/
Channel				649668	649668	650000	650000	650332	650332
Frequency (MHz)				3745.02	3745.02	3750	3750	3754.98	3754.98
90	DFT-s-OFDM QPSK	1	1	23.36	0.217	23.47	0.222	23.52	0.225
Channel				649334	649334	650000	650000	650666	650666
Frequency (MHz)				3740.01	3740.01	3750	3750	3759.99	3759.99
80	DFT-s-OFDM QPSK	1	1	23.42	0.220	23.41	0.219	23.56	0.227
Channel				649000	649000	650000	650000	651000	651000
Frequency (MHz)				3735	3735	3750	3750	3765	3765
70	DFT-s-OFDM QPSK	1	1	23.34	0.216	23.39	0.218	23.51	0.224
Channel				648668	648668	650000	650000	651332	651332
Frequency (MHz)				3730.02	3730.02	3750	3750	3769.98	3769.98
60	DFT-s-OFDM QPSK	1	1	23.57	0.228	23.60	0.229	23.72	0.236
Channel				648334	648334	650000	650000	651666	651666
Frequency (MHz)				3725.01	3725.01	3750	3750	3774.99	3774.99
50	DFT-s-OFDM QPSK	1	1	23.53	0.225	23.60	0.229	23.92	0.247
Channel				648000	648000	650000	650000	652000	652000
Frequency (MHz)				3720	3720	3750	3750	3780	3780
40	DFT-s-OFDM QPSK	1	1	23.98	0.250	24.12	0.258	24.35	0.272
Channel				647668	647668	650000	650000	652332	652332
Frequency (MHz)				3715.02	3715.02	3750	3750	3784.98	3784.98
30	DFT-s-OFDM QPSK	1	1	23.76	0.238	24.02	0.252	24.23	0.265
Channel				647334	647334	650000	650000	652666	652666
Frequency (MHz)				3710.01	3710.01	3750	3750	3789.99	3789.99
20	DFT-s-OFDM QPSK	1	1	23.77	0.238	23.81	0.240	24.06	0.255

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



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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	4.4794	5.017	PASS
n2	15	5	370500	DFT-s-OFDM QPSK	25/0	4.5023	5.181	PASS
n2	15	5	370500	DFT-s-OFDM 16QAM	25/0	4.4869	5.025	PASS
n2	15	5	370500	DFT-s-OFDM 64QAM	25/0	4.4787	4.979	PASS
n2	15	5	370500	DFT-s-OFDM 256QAM	25/0	4.4824	5.037	PASS
n2	15	5	370500	CP-OFDM QPSK	25/0	4.4776	5.073	PASS
n2	15	5	376000	DFT-s-OFDM PI/2 BPSK	25/0	4.4758	4.989	PASS
n2	15	5	376000	DFT-s-OFDM QPSK	25/0	4.4873	4.967	PASS
n2	15	5	376000	DFT-s-OFDM 16QAM	25/0	4.4919	5.073	PASS
n2	15	5	376000	DFT-s-OFDM 64QAM	25/0	4.4762	4.938	PASS
n2	15	5	376000	DFT-s-OFDM 256QAM	25/0	4.4882	5.052	PASS
n2	15	5	376000	CP-OFDM QPSK	25/0	4.4770	5.163	PASS
n2	15	5	381500	DFT-s-OFDM PI/2 BPSK	25/0	4.4873	5.110	PASS
n2	15	5	381500	DFT-s-OFDM QPSK	25/0	4.4881	5.032	PASS
n2	15	5	381500	DFT-s-OFDM 16QAM	25/0	4.4932	4.998	PASS
n2	15	5	381500	DFT-s-OFDM 64QAM	25/0	4.4759	4.992	PASS
n2	15	5	381500	DFT-s-OFDM 256QAM	25/0	4.4828	5.029	PASS
n2	15	5	381500	CP-OFDM QPSK	25/0	4.4779	5.078	PASS
n2	15	10	371000	DFT-s-OFDM PI/2 BPSK	50/0	8.918	9.609	PASS
n2	15	10	371000	DFT-s-OFDM QPSK	50/0	8.935	9.623	PASS
n2	15	10	371000	DFT-s-OFDM 16QAM	50/0	8.948	9.624	PASS
n2	15	10	371000	DFT-s-OFDM 64QAM	50/0	8.921	9.584	PASS
n2	15	10	371000	DFT-s-OFDM 256QAM	50/0	8.931	9.561	PASS



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n2	15	10	371000	CP-OFDM QPSK	52/0	9.286	10.096	PASS
n2	15	10	376000	DFT-s-OFDM PI/2 BPSK	50/0	8.922	9.609	PASS
n2	15	10	376000	DFT-s-OFDM QPSK	50/0	8.930	9.642	PASS
n2	15	10	376000	DFT-s-OFDM 16QAM	50/0	8.951	9.659	PASS
n2	15	10	376000	DFT-s-OFDM 64QAM	50/0	8.928	9.666	PASS
n2	15	10	376000	DFT-s-OFDM 256QAM	50/0	8.929	9.614	PASS
n2	15	10	376000	CP-OFDM QPSK	52/0	9.297	10.190	PASS
n2	15	10	381000	DFT-s-OFDM PI/2 BPSK	50/0	8.927	9.611	PASS
n2	15	10	381000	DFT-s-OFDM QPSK	50/0	8.930	9.729	PASS
n2	15	10	381000	DFT-s-OFDM 16QAM	50/0	8.946	9.618	PASS
n2	15	10	381000	DFT-s-OFDM 64QAM	50/0	8.931	9.651	PASS
n2	15	10	381000	DFT-s-OFDM 256QAM	50/0	8.934	9.639	PASS
n2	15	10	381000	CP-OFDM QPSK	52/0	9.294	10.203	PASS
n2	15	15	371500	DFT-s-OFDM PI/2 BPSK	75/0	13.411	14.320	PASS
n2	15	15	371500	DFT-s-OFDM QPSK	75/0	13.430	14.366	PASS
n2	15	15	371500	DFT-s-OFDM 16QAM	75/0	13.429	14.270	PASS
n2	15	15	371500	DFT-s-OFDM 64QAM	75/0	13.401	14.208	PASS
n2	15	15	371500	DFT-s-OFDM 256QAM	75/0	13.441	14.342	PASS
n2	15	15	371500	CP-OFDM QPSK	79/0	14.102	15.096	PASS
n2	15	15	376000	DFT-s-OFDM PI/2 BPSK	75/0	13.428	14.341	PASS
n2	15	15	376000	DFT-s-OFDM QPSK	75/0	13.426	14.395	PASS
n2	15	15	376000	DFT-s-OFDM 16QAM	75/0	13.428	14.337	PASS
n2	15	15	376000	DFT-s-OFDM 64QAM	75/0	13.405	14.318	PASS
n2	15	15	376000	DFT-s-OFDM 256QAM	75/0	13.428	14.175	PASS

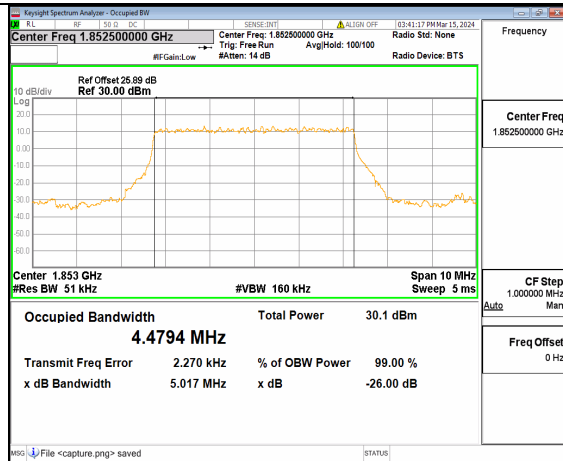


n2	15	15	376000	CP-OFDM QPSK	79/0	14.117	14.967	PASS
n2	15	15	380500	DFT-s-OFDM PI/2 BPSK	75/0	13.418	14.271	PASS
n2	15	15	380500	DFT-s-OFDM QPSK	75/0	13.450	14.390	PASS
n2	15	15	380500	DFT-s-OFDM 16QAM	75/0	13.427	14.240	PASS
n2	15	15	380500	DFT-s-OFDM 64QAM	75/0	13.461	14.267	PASS
n2	15	15	380500	DFT-s-OFDM 256QAM	75/0	13.451	14.376	PASS
n2	15	15	380500	CP-OFDM QPSK	79/0	14.123	15.022	PASS
n2	15	20	372000	DFT-s-OFDM PI/2 BPSK	100/0	17.864	18.848	PASS
n2	15	20	372000	DFT-s-OFDM QPSK	100/0	17.881	18.851	PASS
n2	15	20	372000	DFT-s-OFDM 16QAM	100/0	17.874	18.809	PASS
n2	15	20	372000	DFT-s-OFDM 64QAM	100/0	17.897	18.819	PASS
n2	15	20	372000	DFT-s-OFDM 256QAM	100/0	17.847	18.789	PASS
n2	15	20	372000	CP-OFDM QPSK	106/0	18.923	20.112	PASS
n2	15	20	376000	DFT-s-OFDM PI/2 BPSK	100/0	17.850	18.911	PASS
n2	15	20	376000	DFT-s-OFDM QPSK	100/0	17.872	18.934	PASS
n2	15	20	376000	DFT-s-OFDM 16QAM	100/0	17.875	18.912	PASS
n2	15	20	376000	DFT-s-OFDM 64QAM	100/0	17.892	18.838	PASS
n2	15	20	376000	DFT-s-OFDM 256QAM	100/0	17.848	18.784	PASS
n2	15	20	376000	CP-OFDM QPSK	106/0	18.920	20.071	PASS
n2	15	20	380000	DFT-s-OFDM PI/2 BPSK	100/0	17.887	18.928	PASS
n2	15	20	380000	DFT-s-OFDM QPSK	100/0	17.896	18.887	PASS
n2	15	20	380000	DFT-s-OFDM 16QAM	100/0	17.904	18.863	PASS
n2	15	20	380000	DFT-s-OFDM 64QAM	100/0	17.907	18.857	PASS
n2	15	20	380000	DFT-s-OFDM 256QAM	100/0	17.866	18.743	PASS

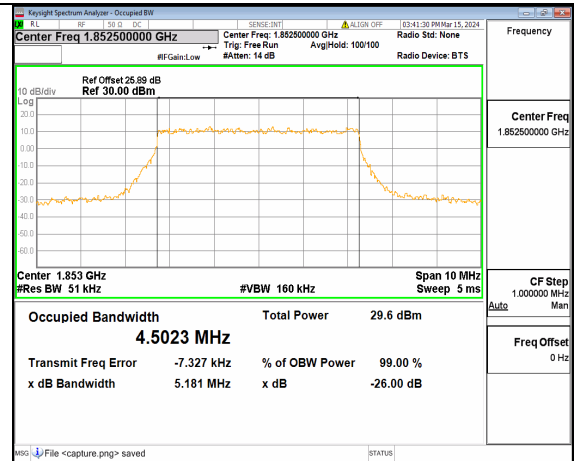


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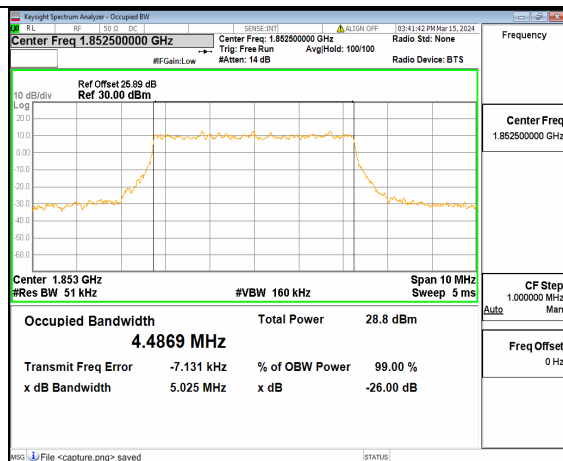
n2	15	20	380000	CP-OFDM QPSK	106/0	18.927	20.200	PASS
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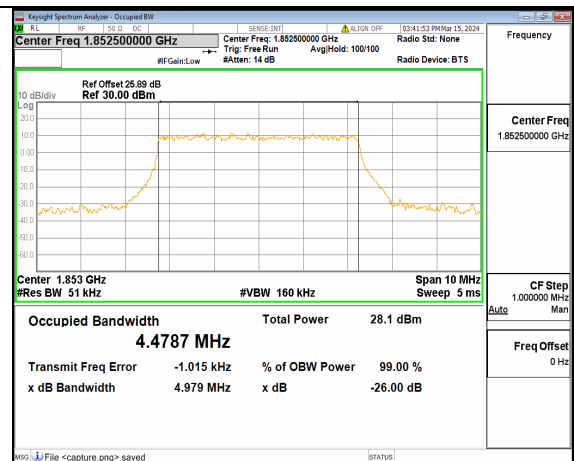
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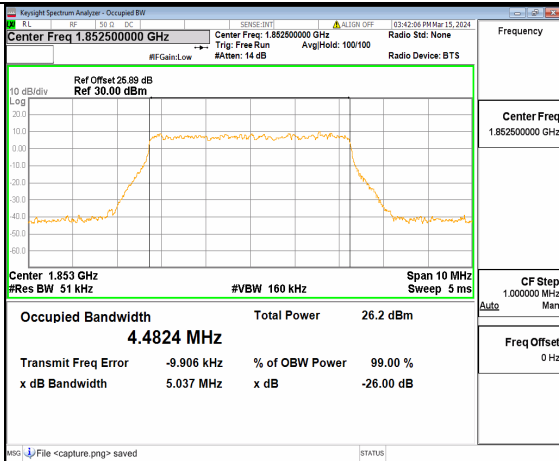
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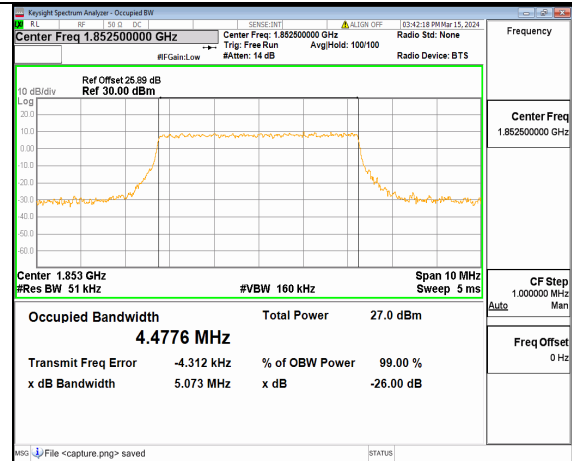
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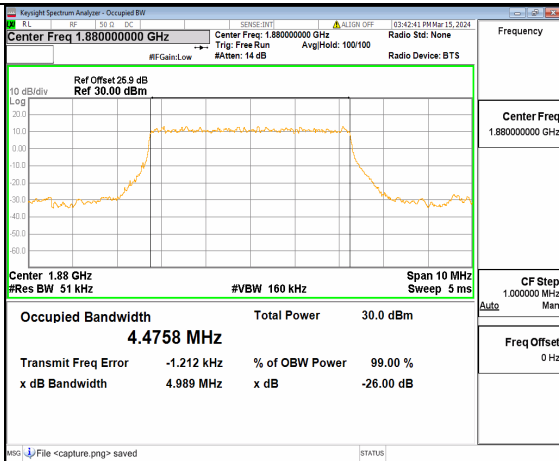
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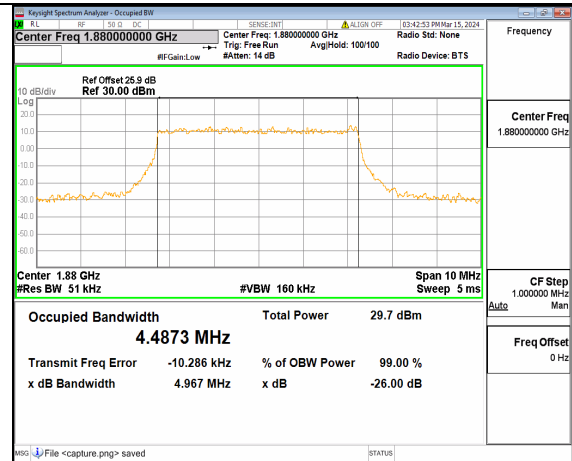
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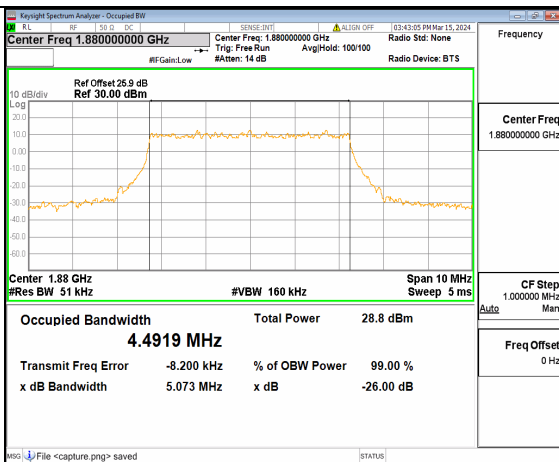
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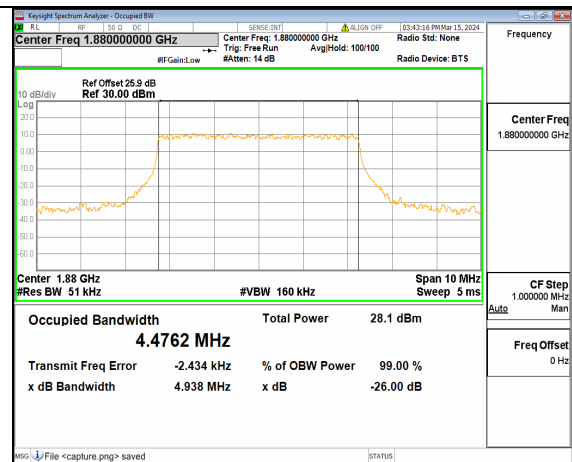
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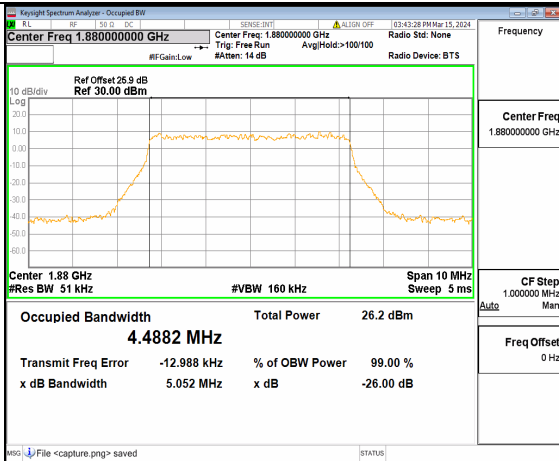
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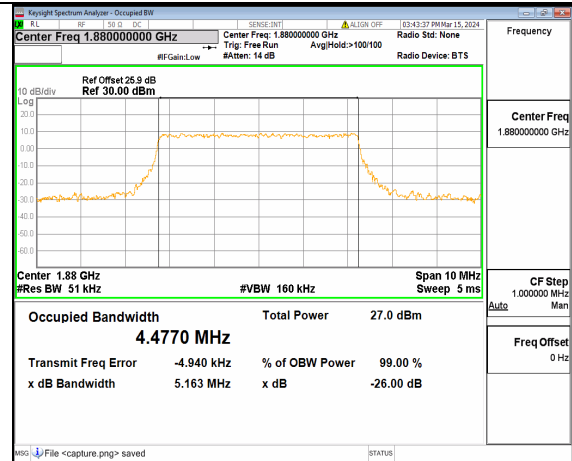
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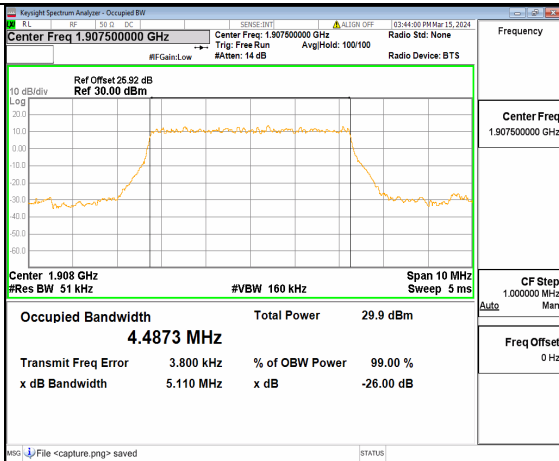
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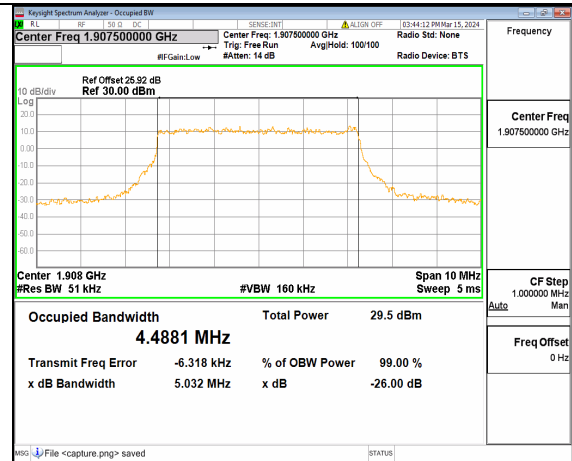
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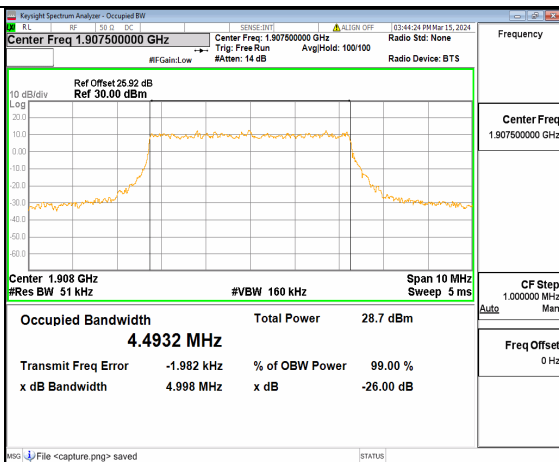
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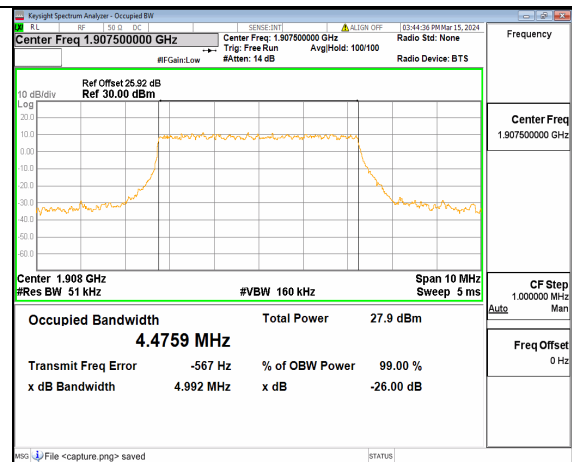
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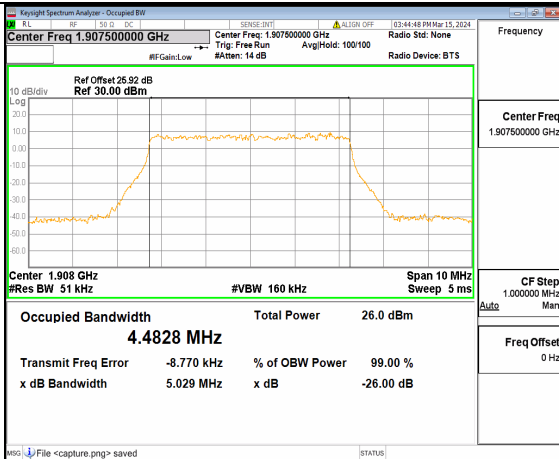
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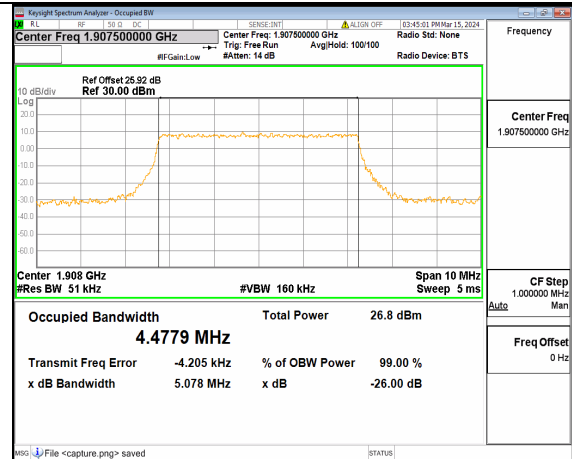
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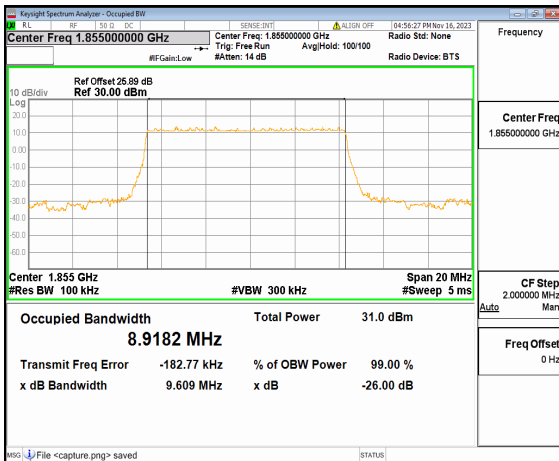
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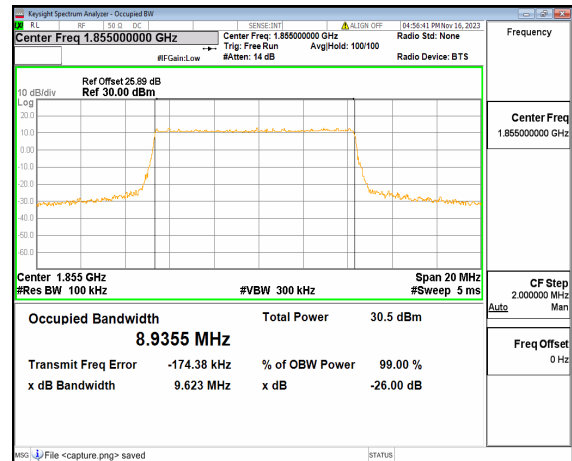
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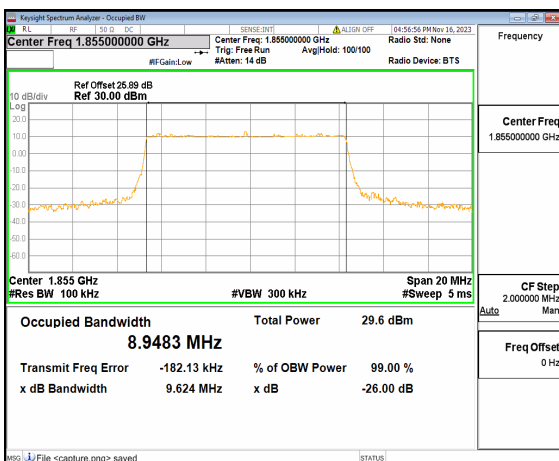
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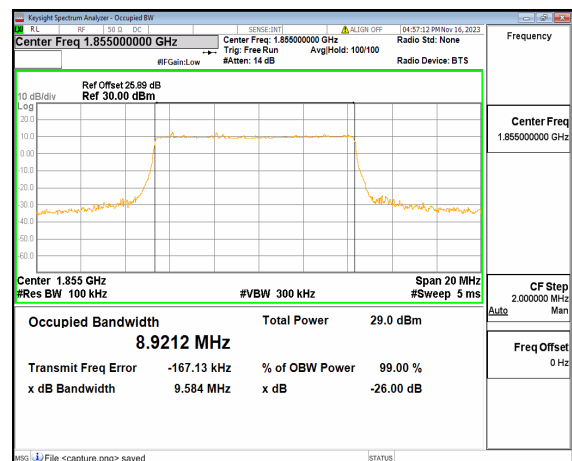
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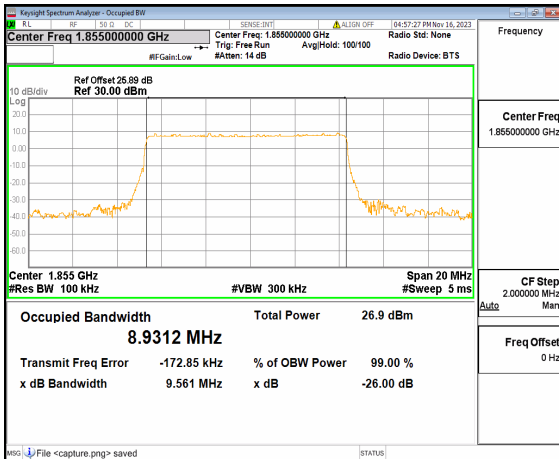
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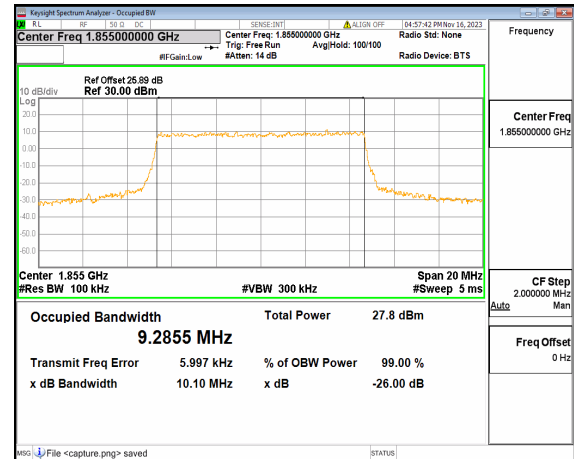
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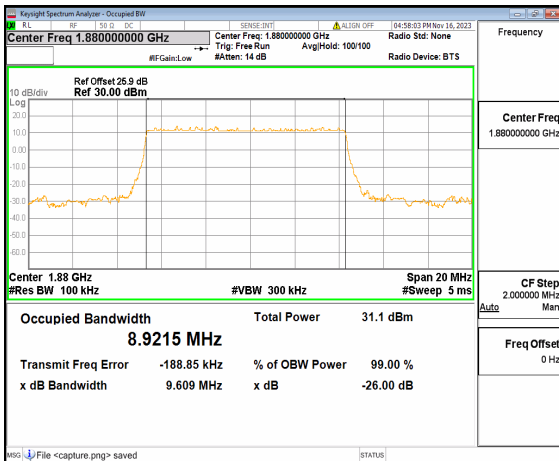
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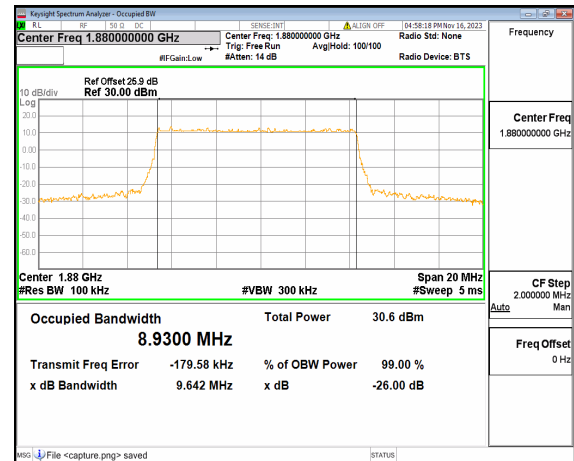
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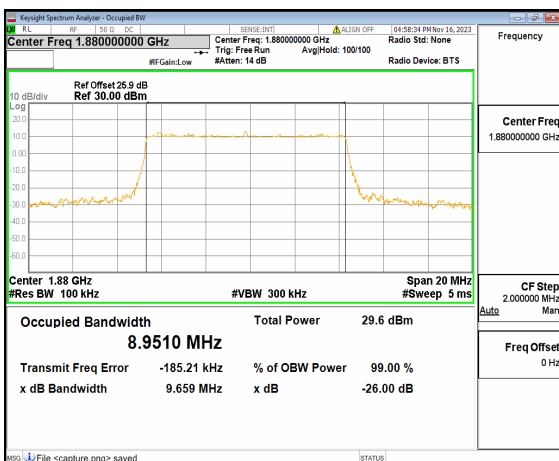
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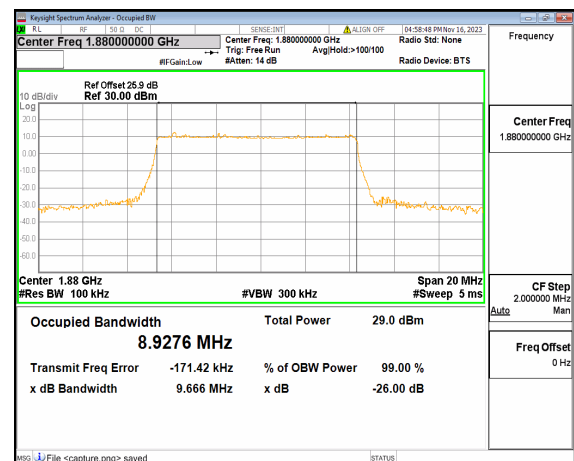
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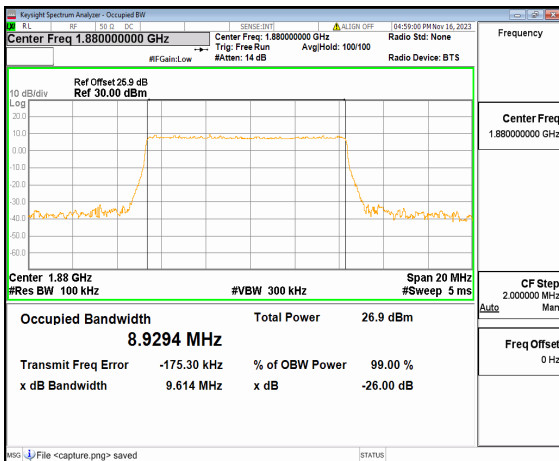
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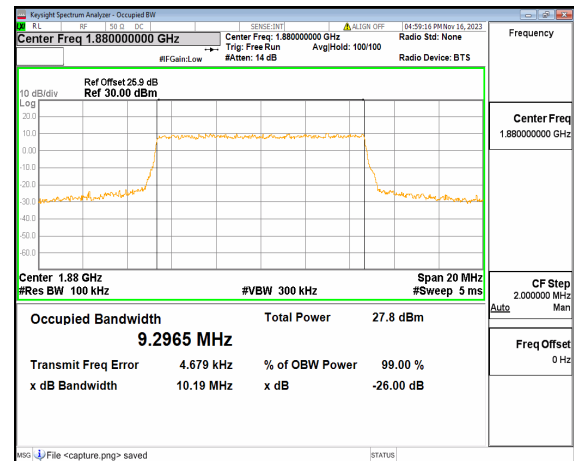
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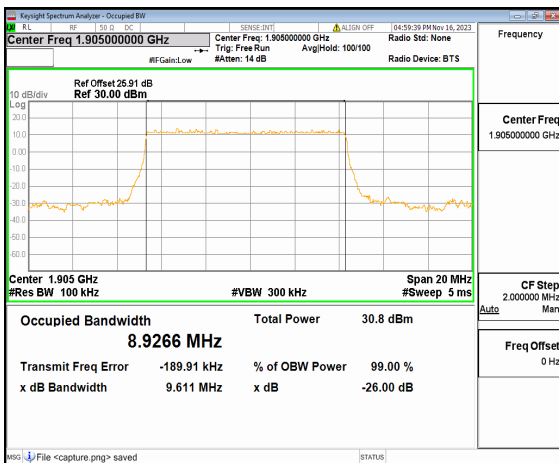
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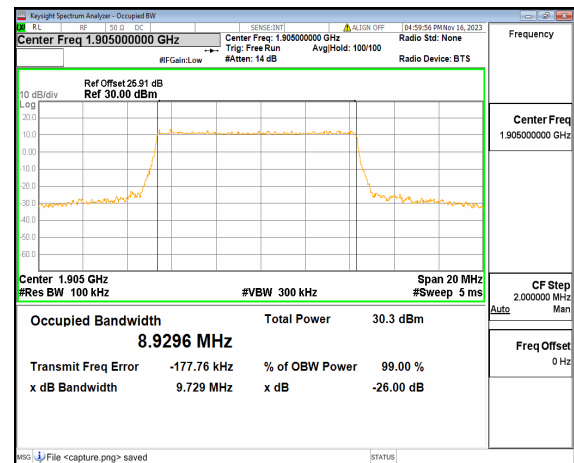
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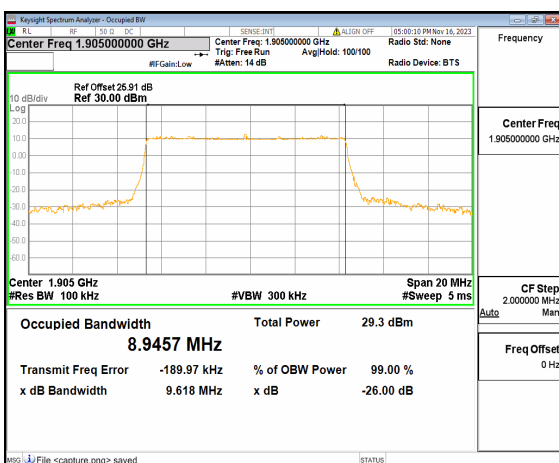
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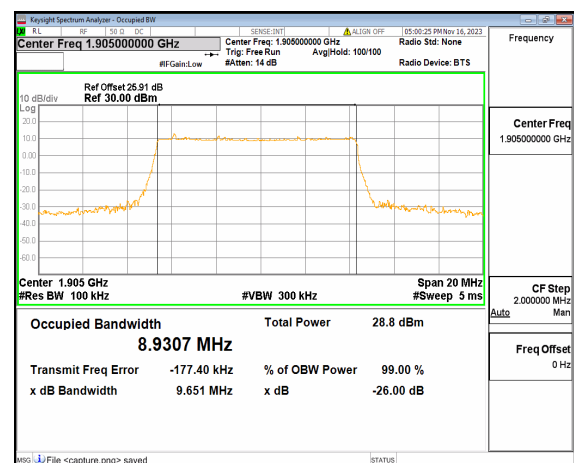
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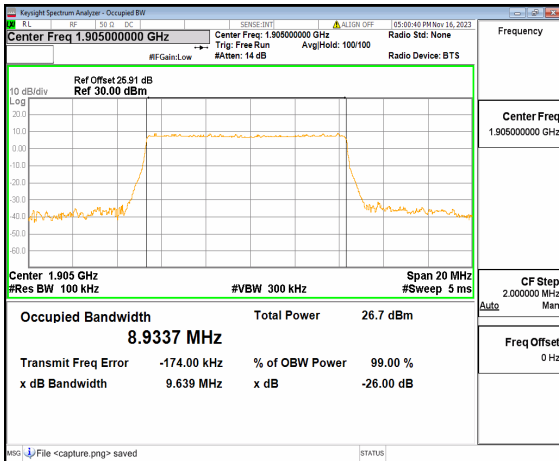
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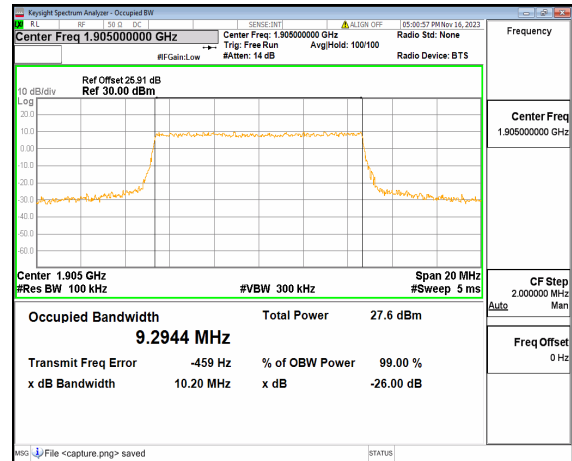
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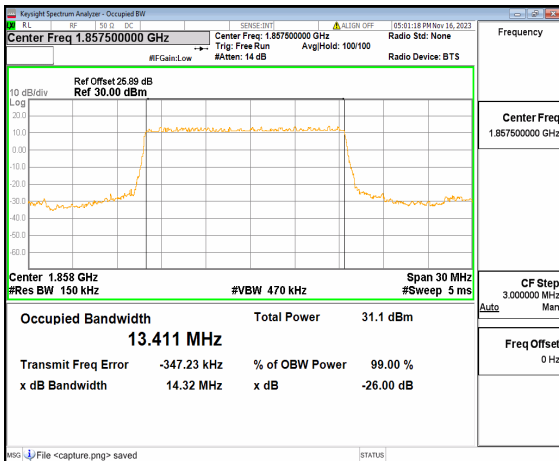
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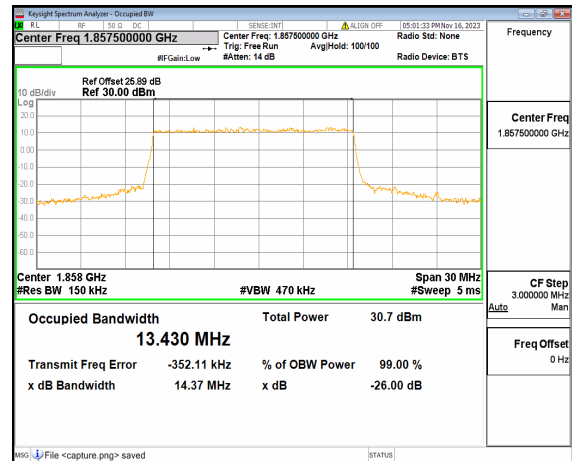
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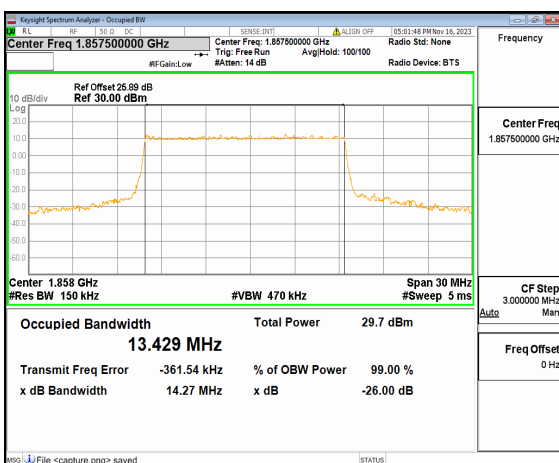
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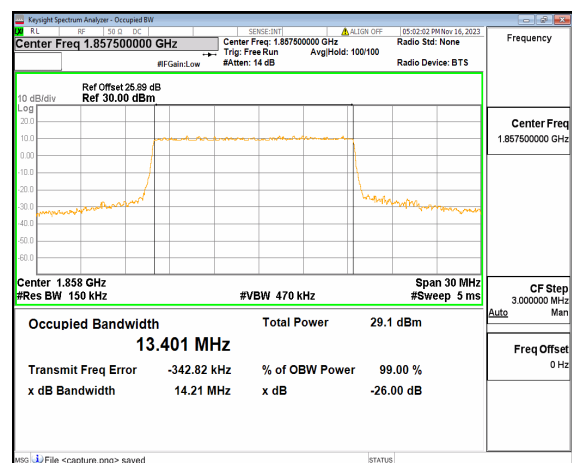
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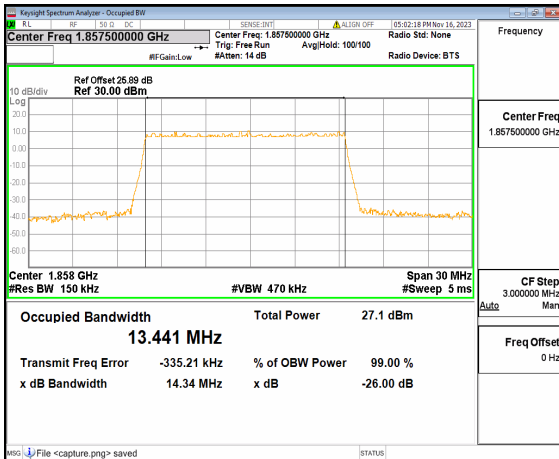
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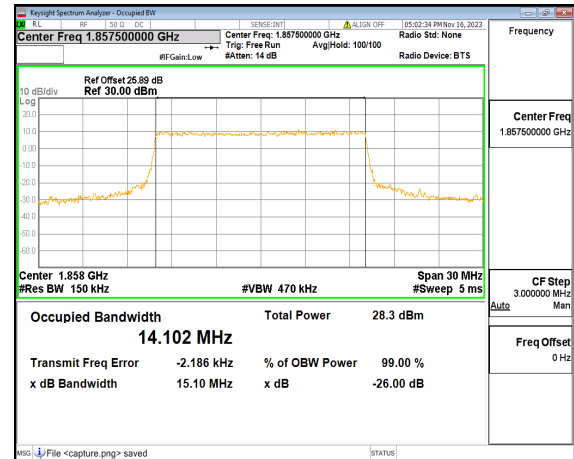
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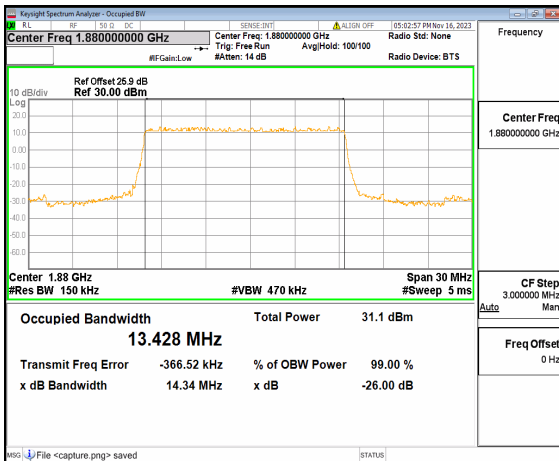
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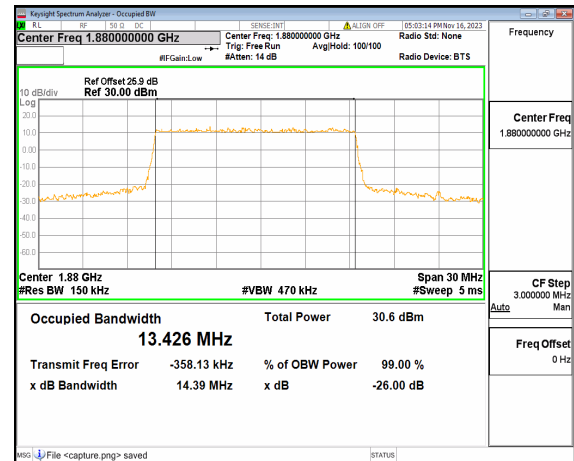
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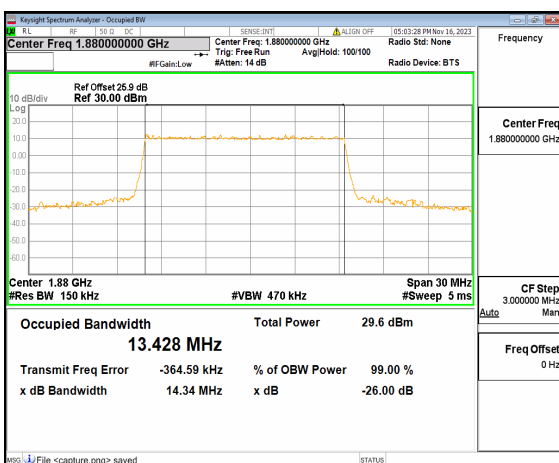
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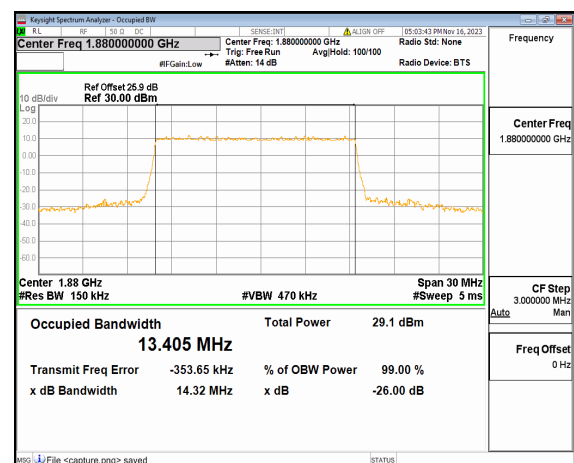
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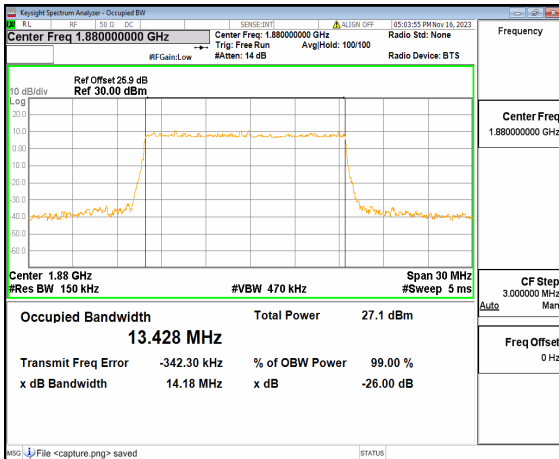
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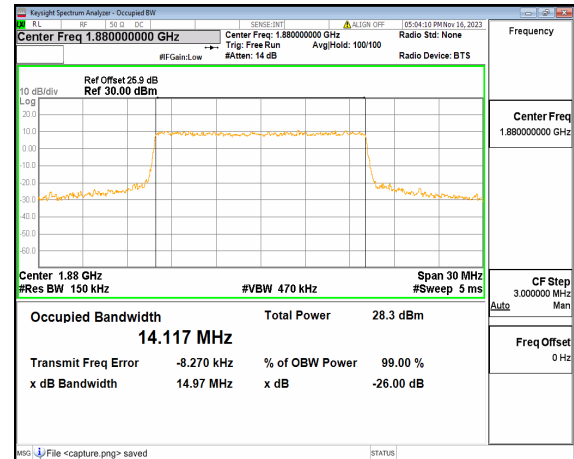
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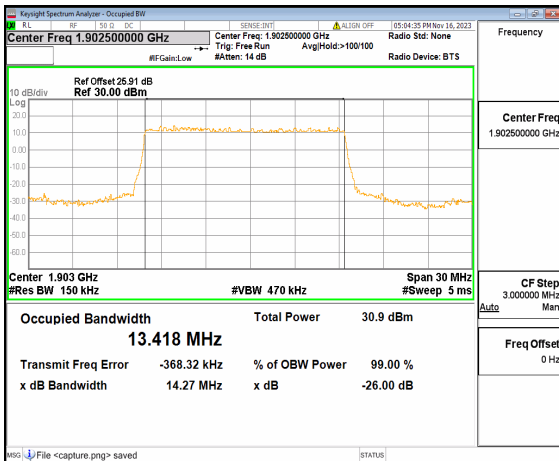
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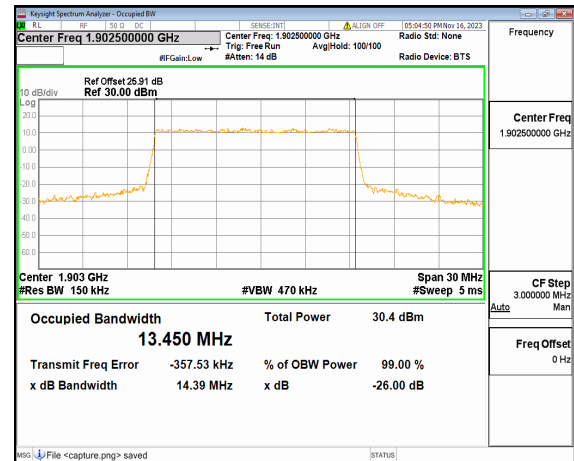
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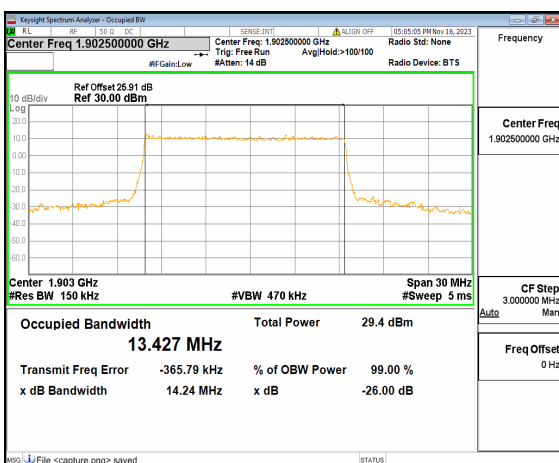
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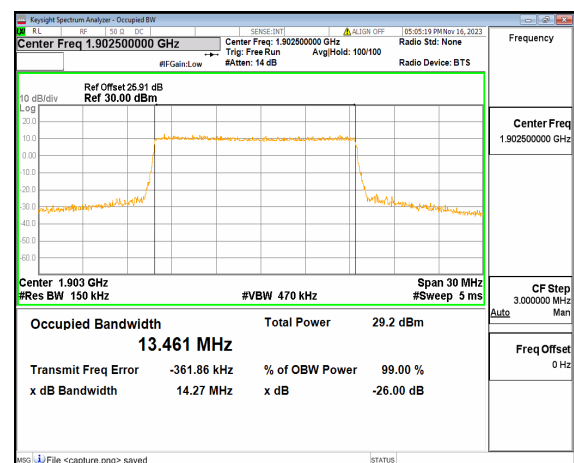
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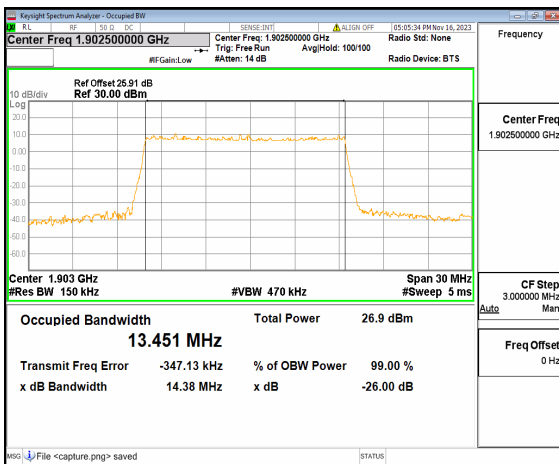
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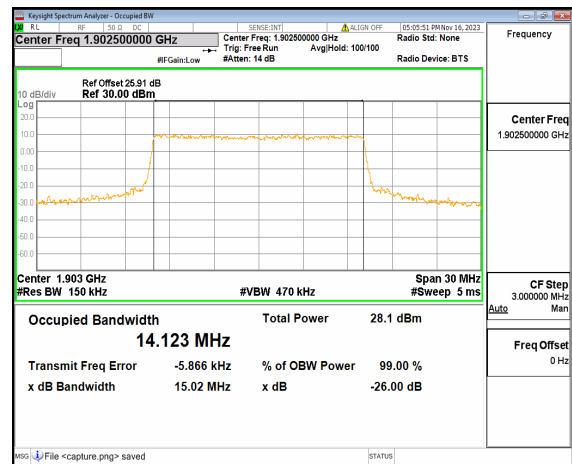
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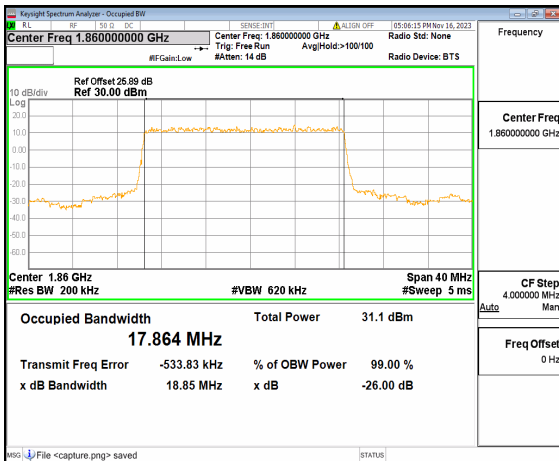
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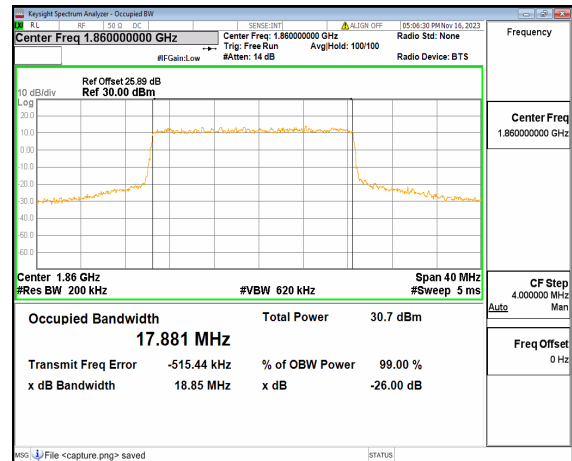
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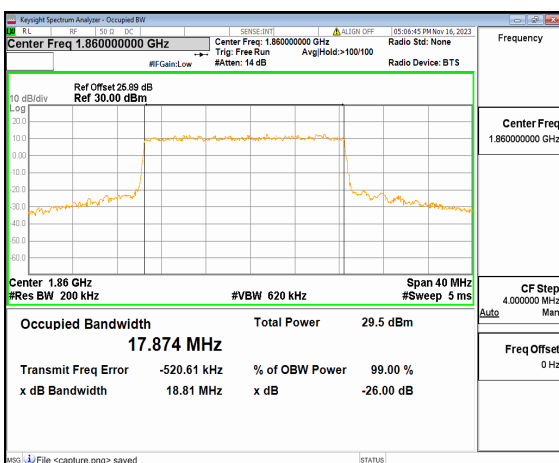
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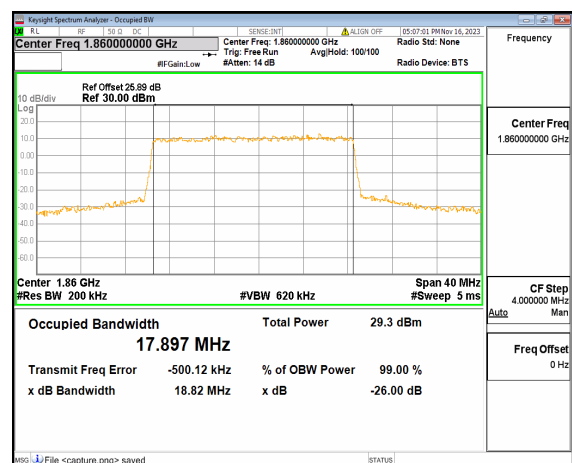
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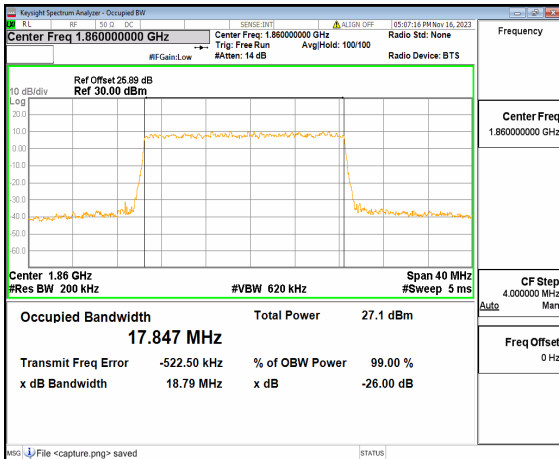
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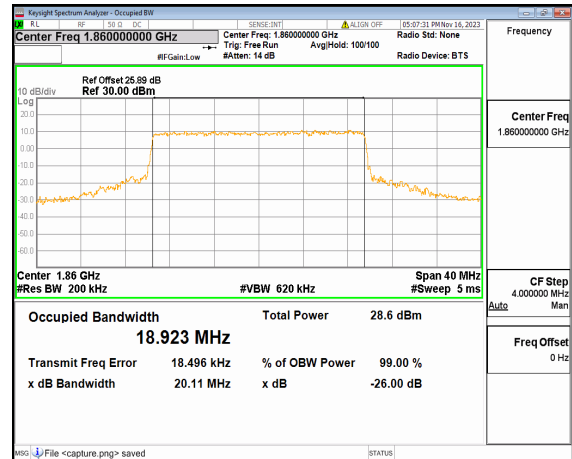
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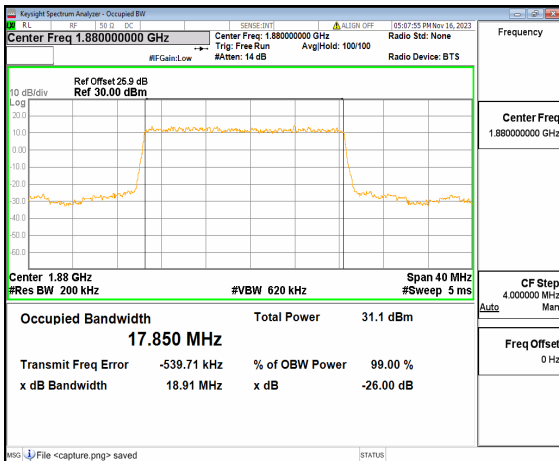
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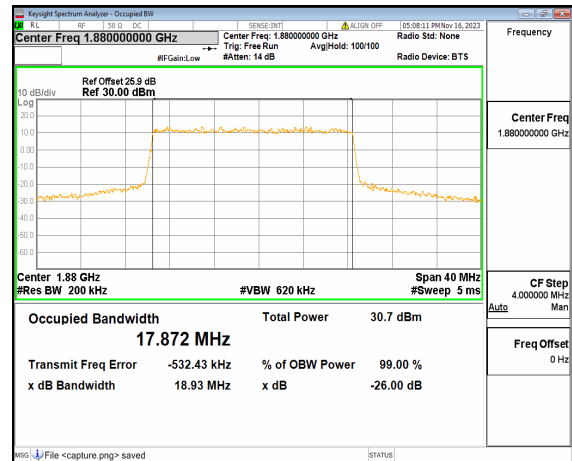
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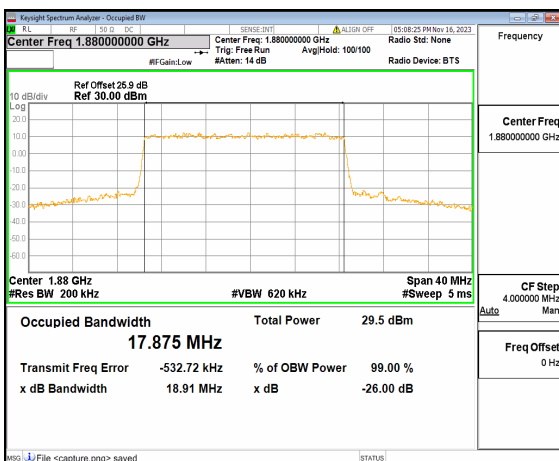
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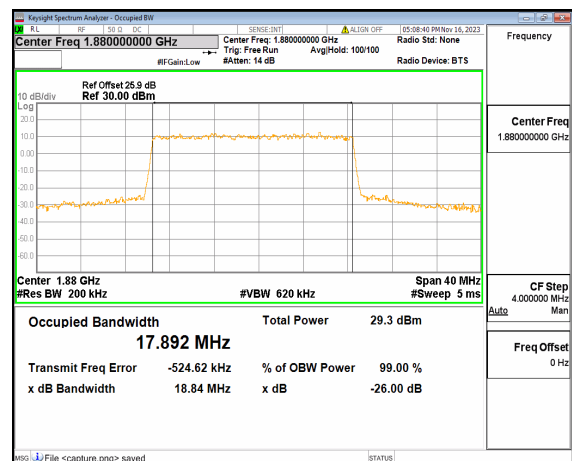
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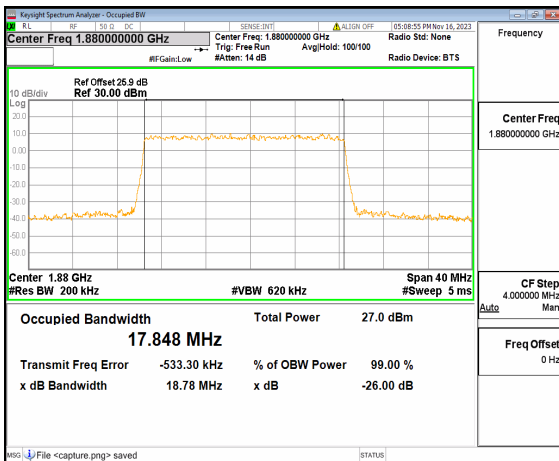
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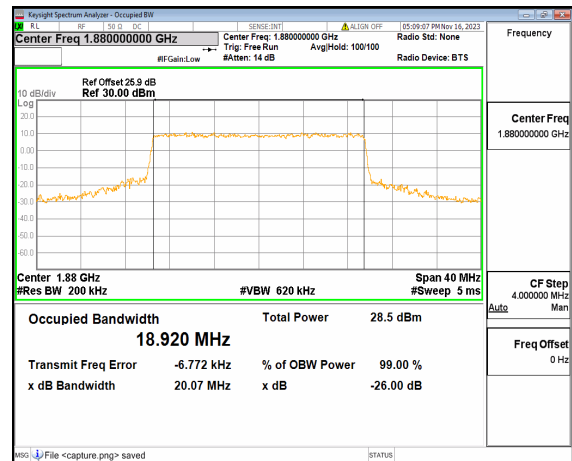
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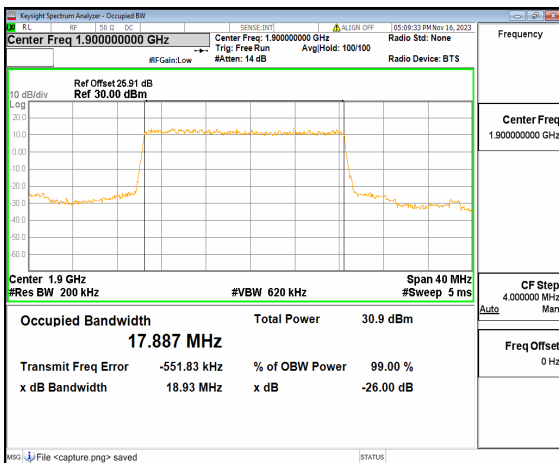
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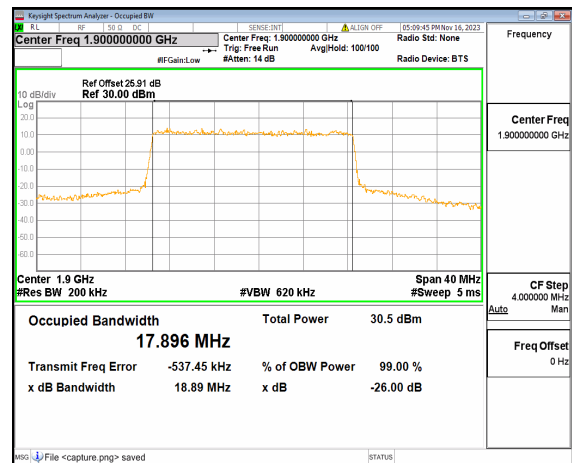
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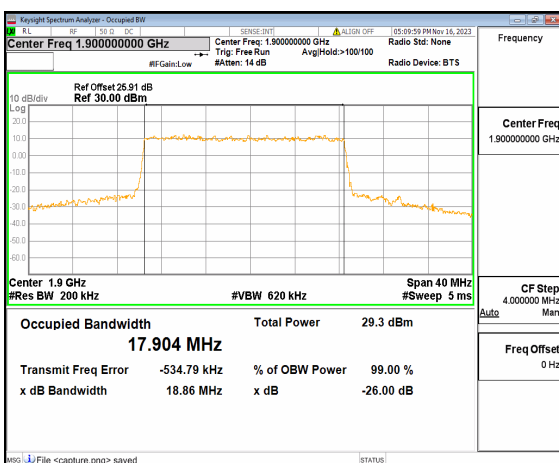
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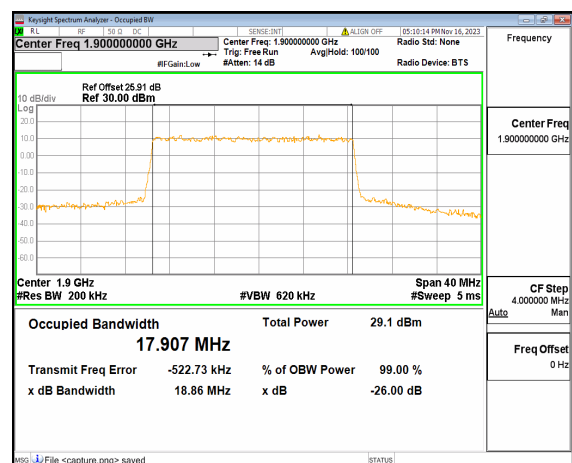
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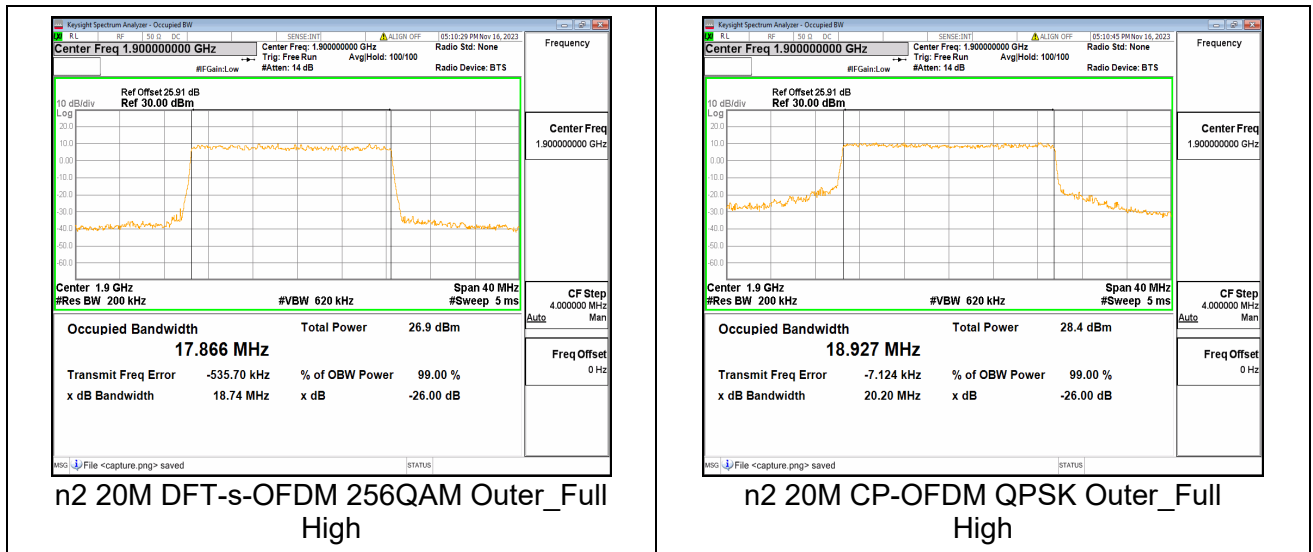
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n2 20M DFT-s-OFDM 16QAM Outer_Full High



n2 20M DFT-s-OFDM 64QAM 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	4.4905	5.045	PASS
n5	15	5	165300	DFT-s-OFDM QPSK	25/0	4.4915	5.069	PASS
n5	15	5	165300	DFT-s-OFDM 16QAM	25/0	4.4887	4.983	PASS
n5	15	5	165300	DFT-s-OFDM 64QAM	25/0	4.4848	5.048	PASS
n5	15	5	165300	DFT-s-OFDM 256QAM	25/0	4.4785	4.955	PASS
n5	15	5	165300	CP-OFDM QPSK	25/0	4.4811	5.204	PASS
n5	15	5	167300	DFT-s-OFDM PI/2 BPSK	25/0	4.4805	5.014	PASS
n5	15	5	167300	DFT-s-OFDM QPSK	25/0	4.4852	5.053	PASS
n5	15	5	167300	DFT-s-OFDM 16QAM	25/0	4.4847	5.017	PASS
n5	15	5	167300	DFT-s-OFDM 64QAM	25/0	4.4720	4.970	PASS
n5	15	5	167300	DFT-s-OFDM 256QAM	25/0	4.4779	5.013	PASS
n5	15	5	167300	CP-OFDM QPSK	25/0	4.4679	5.131	PASS
n5	15	5	169300	DFT-s-OFDM PI/2 BPSK	25/0	4.4673	5.001	PASS
n5	15	5	169300	DFT-s-OFDM QPSK	25/0	4.4886	5.121	PASS



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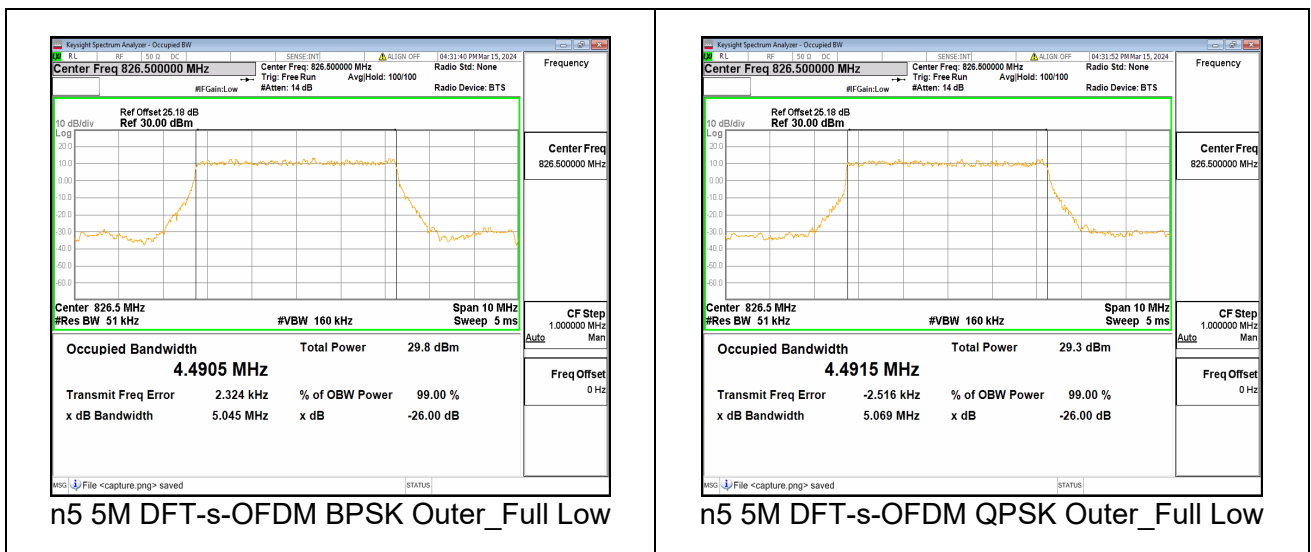
n5	15	5	169300	DFT-s-OFDM 16QAM	25/0	4.4661	4.921	PASS
n5	15	5	169300	DFT-s-OFDM 64QAM	25/0	4.4502	4.893	PASS
n5	15	5	169300	DFT-s-OFDM 256QAM	25/0	4.4588	4.957	PASS
n5	15	5	169300	CP-OFDM QPSK	25/0	4.4658	5.024	PASS
n5	15	10	165800	DFT-s-OFDM PI/2 BPSK	50/0	8.918	9.653	PASS
n5	15	10	165800	DFT-s-OFDM QPSK	50/0	8.916	9.693	PASS
n5	15	10	165800	DFT-s-OFDM 16QAM	50/0	8.944	9.621	PASS
n5	15	10	165800	DFT-s-OFDM 64QAM	50/0	8.927	9.634	PASS
n5	15	10	165800	DFT-s-OFDM 256QAM	50/0	8.928	9.668	PASS
n5	15	10	165800	CP-OFDM QPSK	52/0	9.290	10.064	PASS
n5	15	10	167300	DFT-s-OFDM PI/2 BPSK	50/0	8.905	9.559	PASS
n5	15	10	167300	DFT-s-OFDM QPSK	50/0	8.901	9.626	PASS
n5	15	10	167300	DFT-s-OFDM 16QAM	50/0	8.925	9.561	PASS
n5	15	10	167300	DFT-s-OFDM 64QAM	50/0	8.906	9.640	PASS
n5	15	10	167300	DFT-s-OFDM 256QAM	50/0	8.898	9.567	PASS
n5	15	10	167300	CP-OFDM QPSK	52/0	9.275	10.052	PASS
n5	15	10	168800	DFT-s-OFDM PI/2 BPSK	50/0	8.872	9.524	PASS
n5	15	10	168800	DFT-s-OFDM QPSK	50/0	8.879	9.576	PASS
n5	15	10	168800	DFT-s-OFDM 16QAM	50/0	8.897	9.517	PASS
n5	15	10	168800	DFT-s-OFDM 64QAM	50/0	8.877	9.552	PASS
n5	15	10	168800	DFT-s-OFDM 256QAM	50/0	8.888	9.526	PASS
n5	15	10	168800	CP-OFDM QPSK	52/0	9.236	9.957	PASS
n5	15	15	166300	DFT-s-OFDM PI/2 BPSK	75/0	13.396	14.249	PASS
n5	15	15	166300	DFT-s-OFDM QPSK	75/0	13.417	14.307	PASS

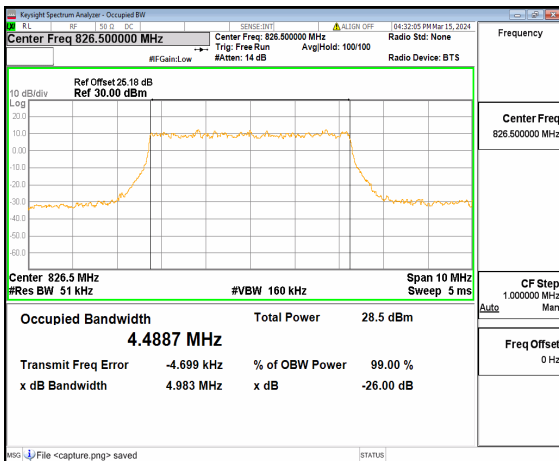


n5	15	15	166300	DFT-s-OFDM 16QAM	75/0	13.426	14.326	PASS
n5	15	15	166300	DFT-s-OFDM 64QAM	75/0	13.383	14.242	PASS
n5	15	15	166300	DFT-s-OFDM 256QAM	75/0	13.408	14.149	PASS
n5	15	15	166300	CP-OFDM QPSK	79/0	14.079	14.959	PASS
n5	15	15	167300	DFT-s-OFDM PI/2 BPSK	75/0	13.393	14.216	PASS
n5	15	15	167300	DFT-s-OFDM QPSK	75/0	13.397	14.217	PASS
n5	15	15	167300	DFT-s-OFDM 16QAM	75/0	13.405	14.221	PASS
n5	15	15	167300	DFT-s-OFDM 64QAM	75/0	13.369	14.300	PASS
n5	15	15	167300	DFT-s-OFDM 256QAM	75/0	13.403	14.102	PASS
n5	15	15	167300	CP-OFDM QPSK	79/0	14.095	15.033	PASS
n5	15	15	168300	DFT-s-OFDM PI/2 BPSK	75/0	13.366	14.187	PASS
n5	15	15	168300	DFT-s-OFDM QPSK	75/0	13.383	14.237	PASS
n5	15	15	168300	DFT-s-OFDM 16QAM	75/0	13.386	14.182	PASS
n5	15	15	168300	DFT-s-OFDM 64QAM	75/0	13.342	14.134	PASS
n5	15	15	168300	DFT-s-OFDM 256QAM	75/0	13.401	14.193	PASS
n5	15	15	168300	CP-OFDM QPSK	79/0	14.026	14.961	PASS
n5	15	20	166800	DFT-s-OFDM PI/2 BPSK	100/0	17.817	18.752	PASS
n5	15	20	166800	DFT-s-OFDM QPSK	100/0	17.804	18.806	PASS
n5	15	20	166800	DFT-s-OFDM 16QAM	100/0	17.836	18.829	PASS
n5	15	20	166800	DFT-s-OFDM 64QAM	100/0	17.823	18.864	PASS
n5	15	20	166800	DFT-s-OFDM 256QAM	100/0	17.810	18.771	PASS
n5	15	20	166800	CP-OFDM QPSK	106/0	18.840	19.881	PASS
n5	15	20	167300	DFT-s-OFDM PI/2 BPSK	100/0	17.804	18.823	PASS
n5	15	20	167300	DFT-s-OFDM QPSK	100/0	17.806	18.800	PASS

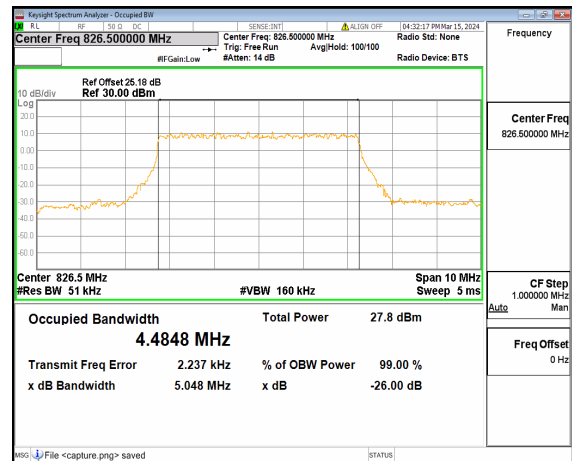


n5	15	20	167300	DFT-s-OFDM 16QAM	100/0	17.821	18.722	PASS
n5	15	20	167300	DFT-s-OFDM 64QAM	100/0	17.830	18.823	PASS
n5	15	20	167300	DFT-s-OFDM 256QAM	100/0	17.801	18.711	PASS
n5	15	20	167300	CP-OFDM QPSK	106/0	18.851	19.880	PASS
n5	15	20	167800	DFT-s-OFDM PI/2 BPSK	100/0	17.764	18.807	PASS
n5	15	20	167800	DFT-s-OFDM QPSK	100/0	17.774	18.709	PASS
n5	15	20	167800	DFT-s-OFDM 16QAM	100/0	17.810	18.807	PASS
n5	15	20	167800	DFT-s-OFDM 64QAM	100/0	17.806	18.795	PASS
n5	15	20	167800	DFT-s-OFDM 256QAM	100/0	17.766	18.646	PASS
n5	15	20	167800	CP-OFDM QPSK	106/0	18.759	19.883	PASS

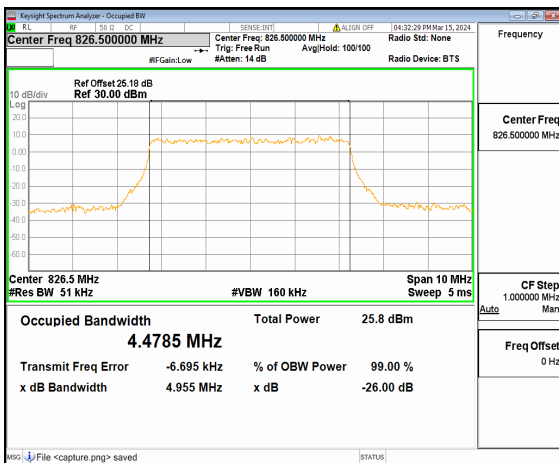




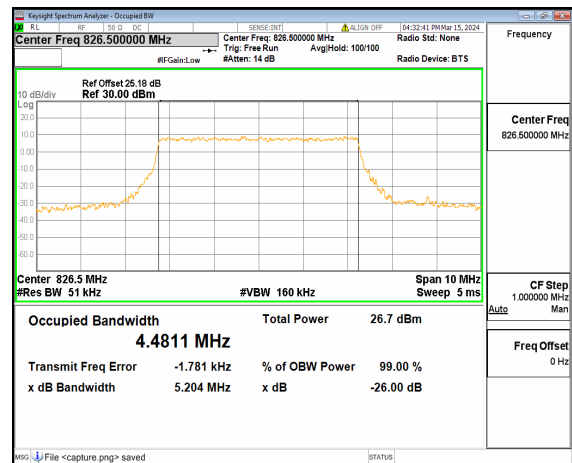
n5 5M DFT-s-OFDM 16QAM Outer_Full Low



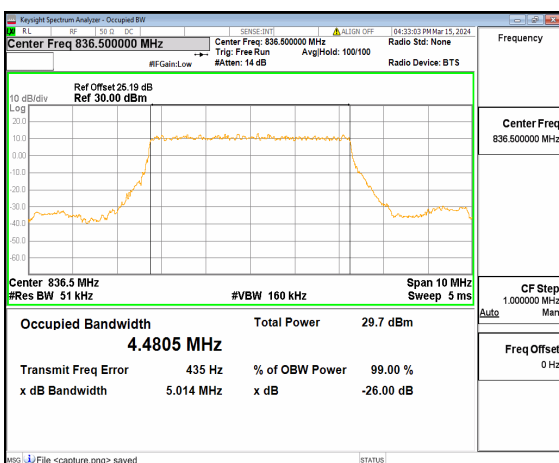
n5 5M DFT-s-OFDM 64QAM Outer_Full Low



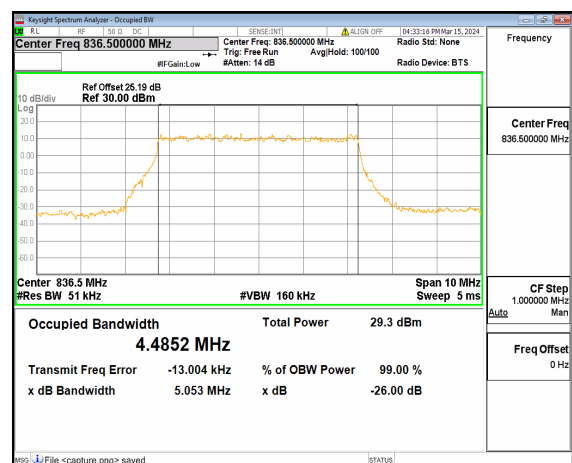
n5 5M DFT-s-OFDM 256QAM Outer_Full Low



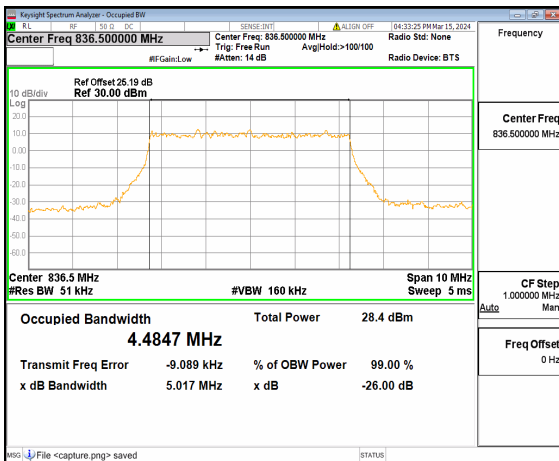
n5 5M CP-OFDM QPSK Outer_Full Low



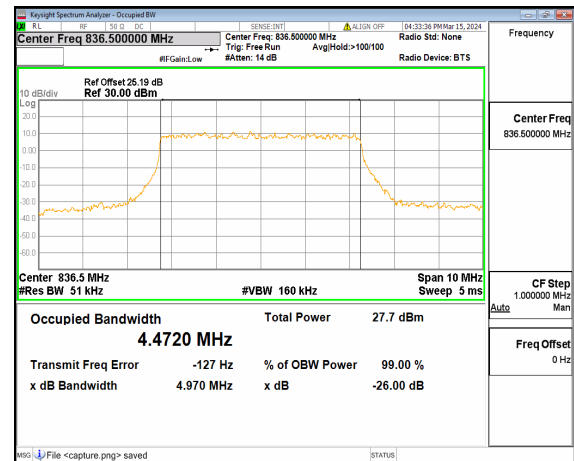
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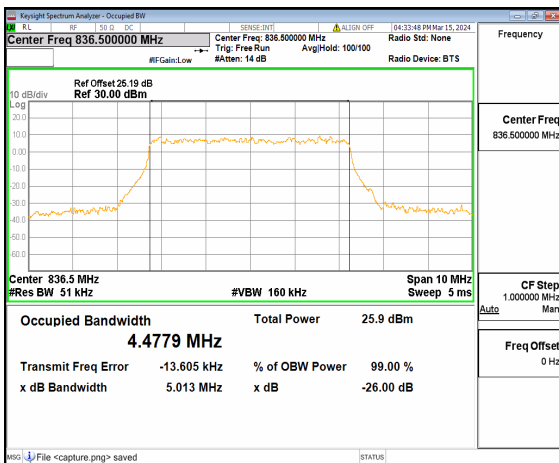
n5 5M DFT-s-OFDM QPSK Outer_Full Mid



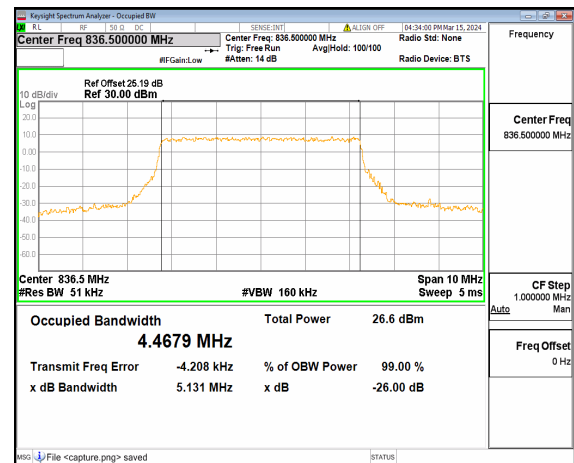
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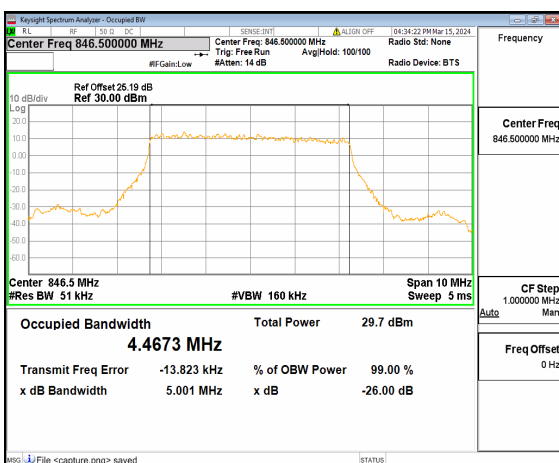
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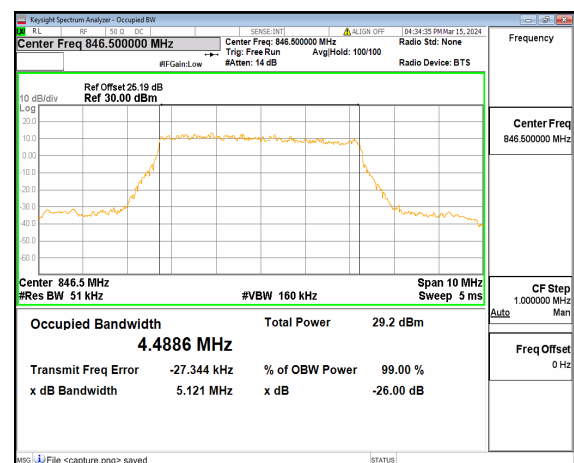
n5 5M DFT-s-OFDM 256QAM Outer_Full Mid



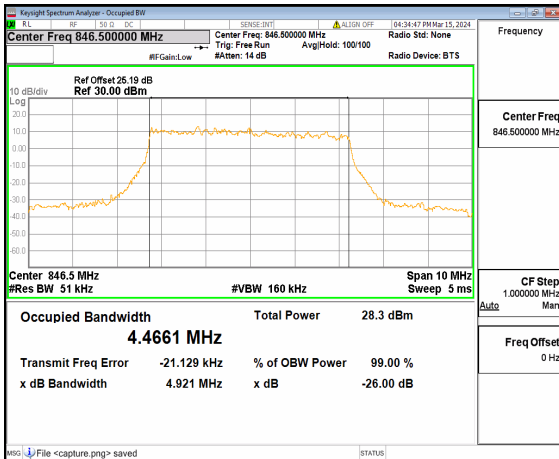
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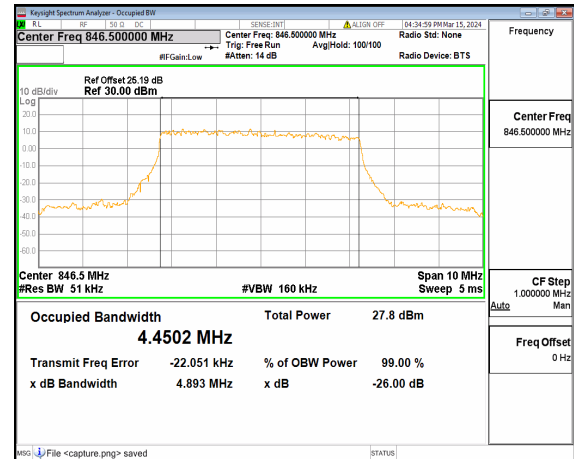
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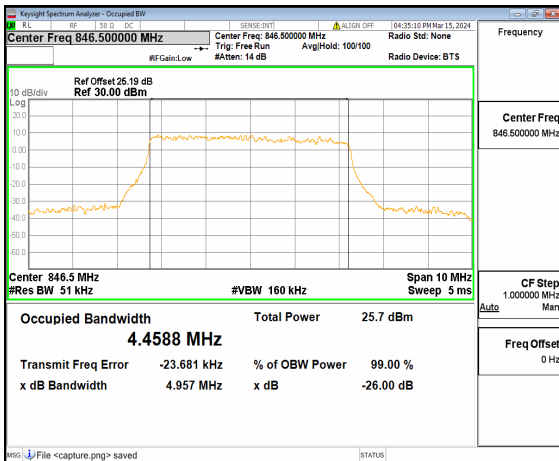
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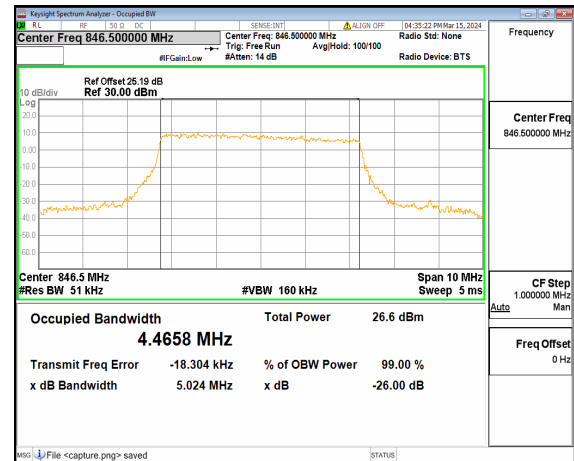
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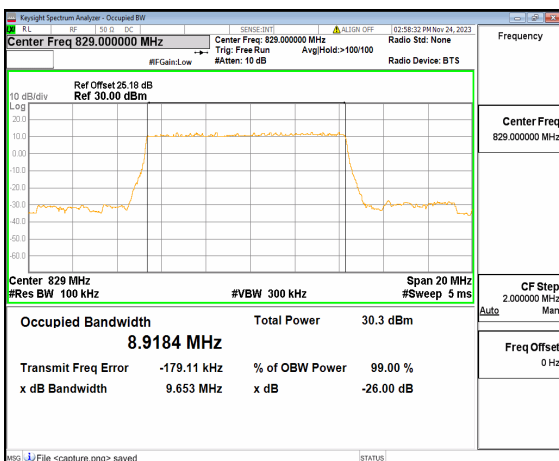
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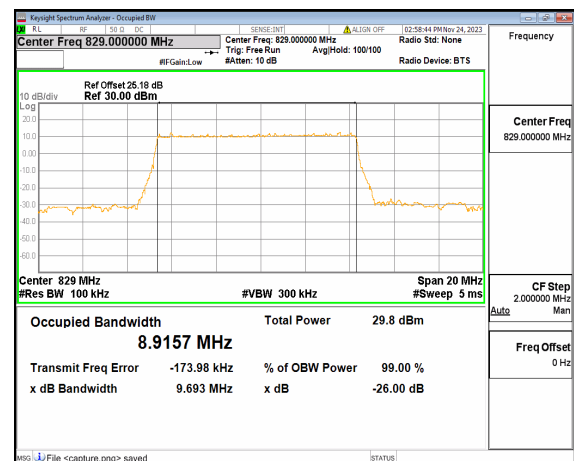
n5 5M DFT-s-OFDM 256QAM Outer_Full High



n5 5M CP-OFDM QPSK Outer_Full High



n5 10M DFT-s-OFDM BPSK Outer_Full Low



n5 10M DFT-s-OFDM QPSK Outer_Full Low