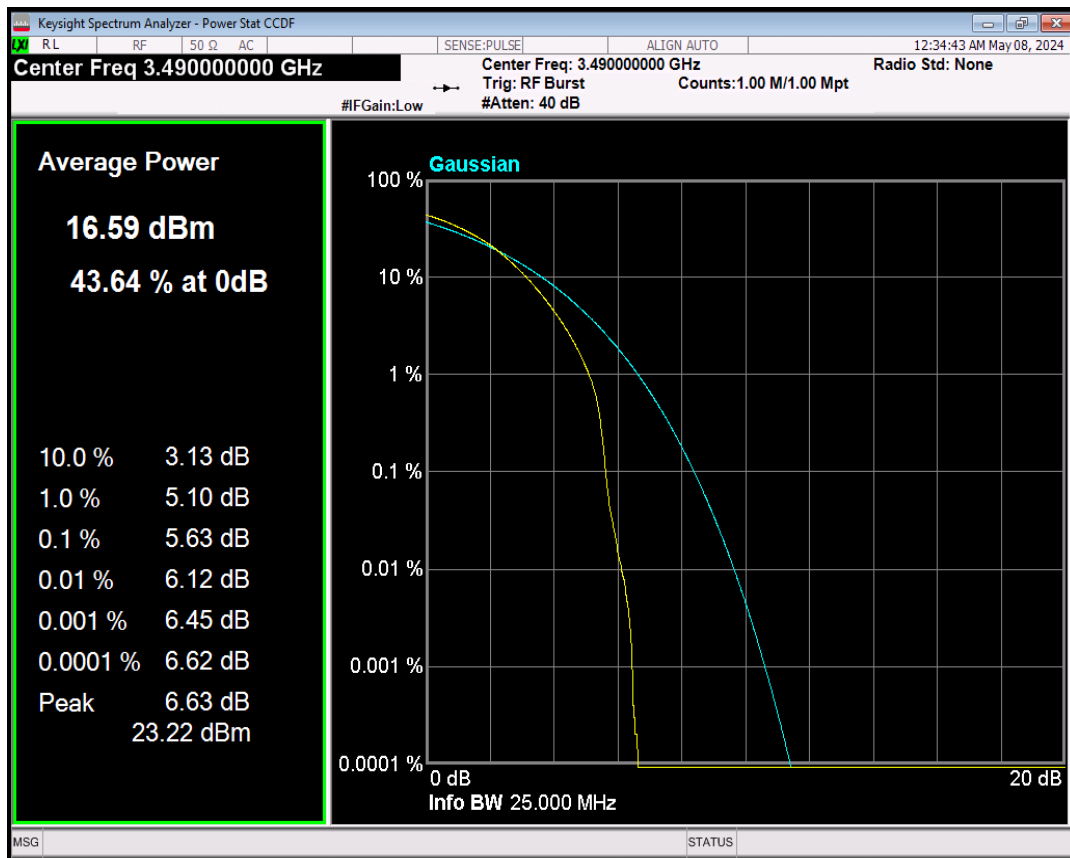
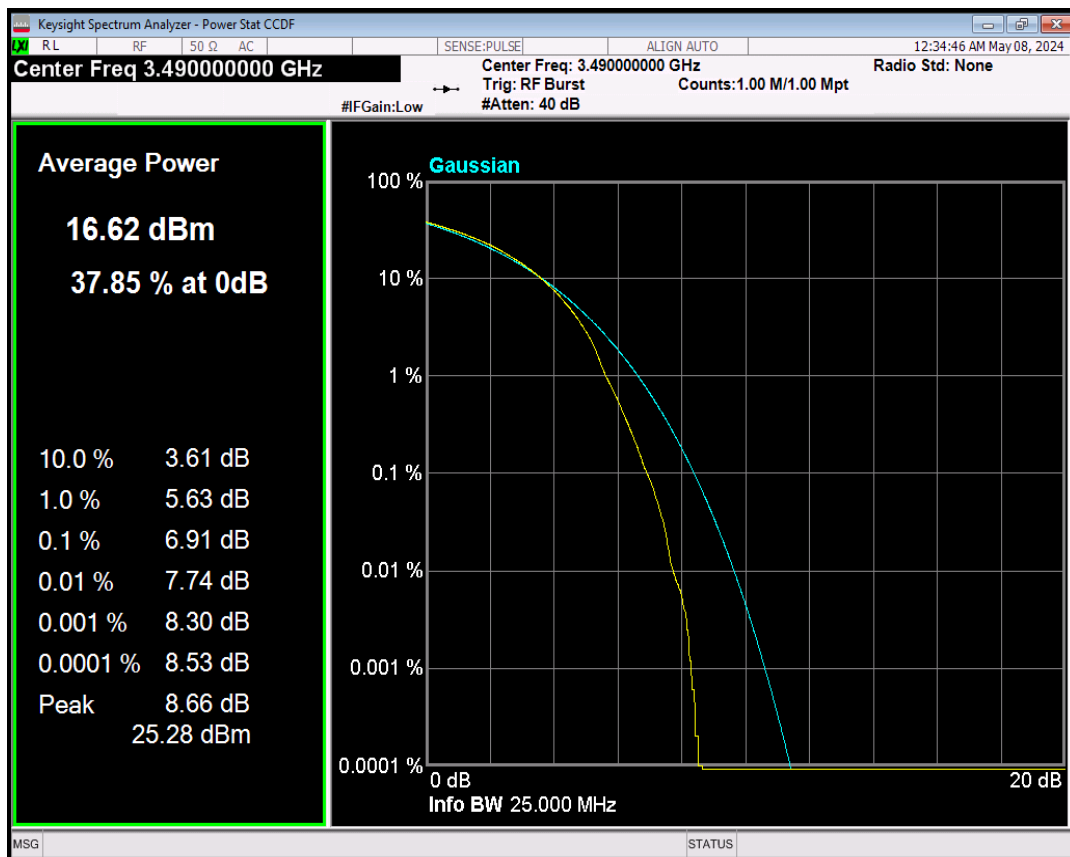


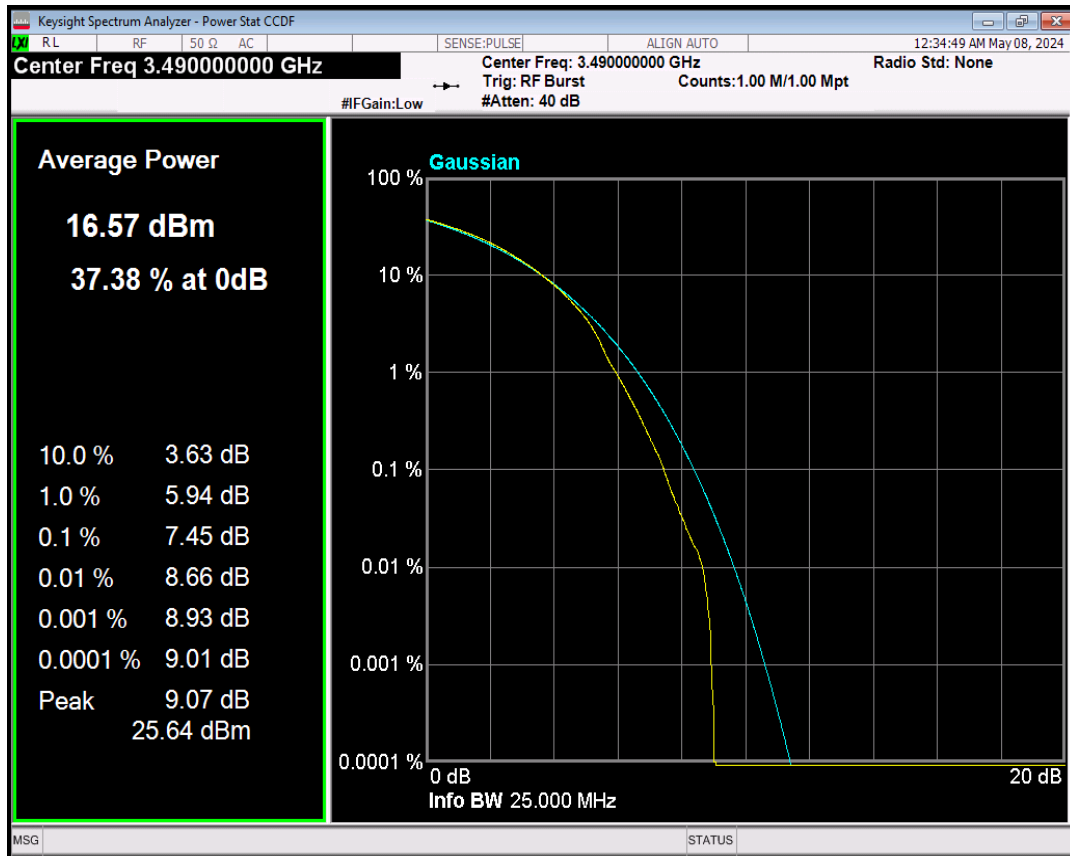
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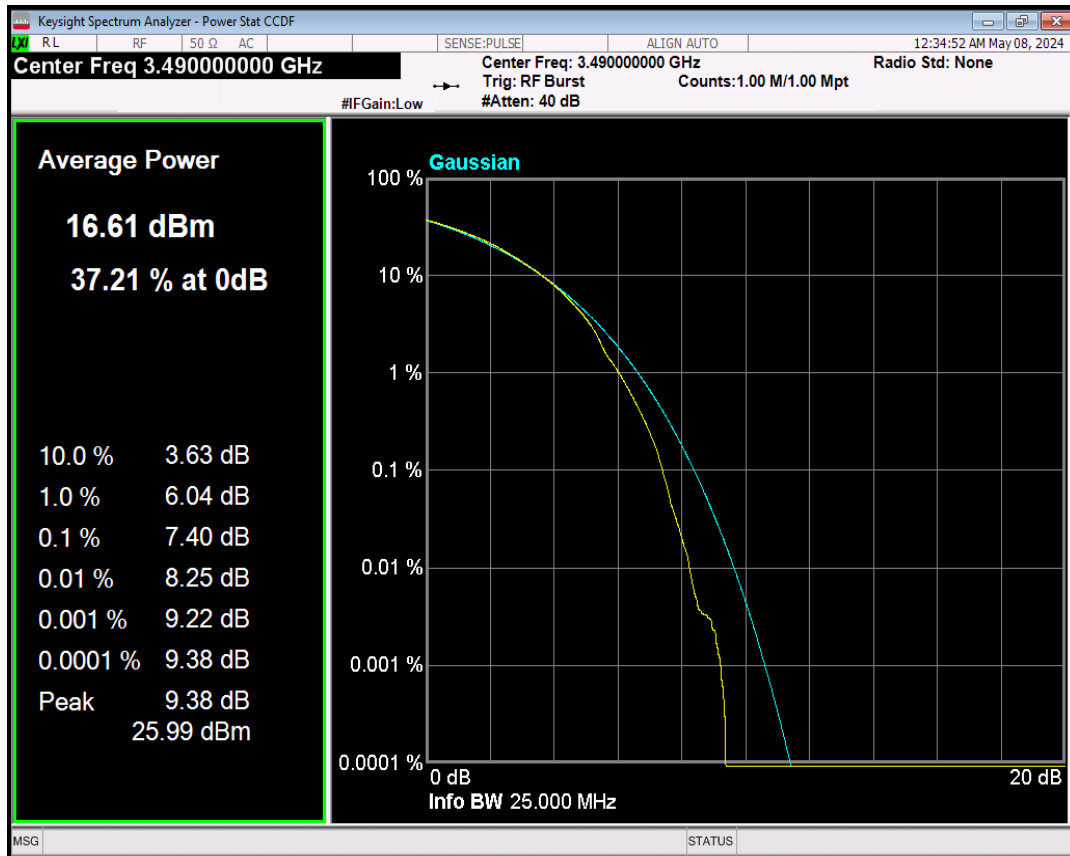
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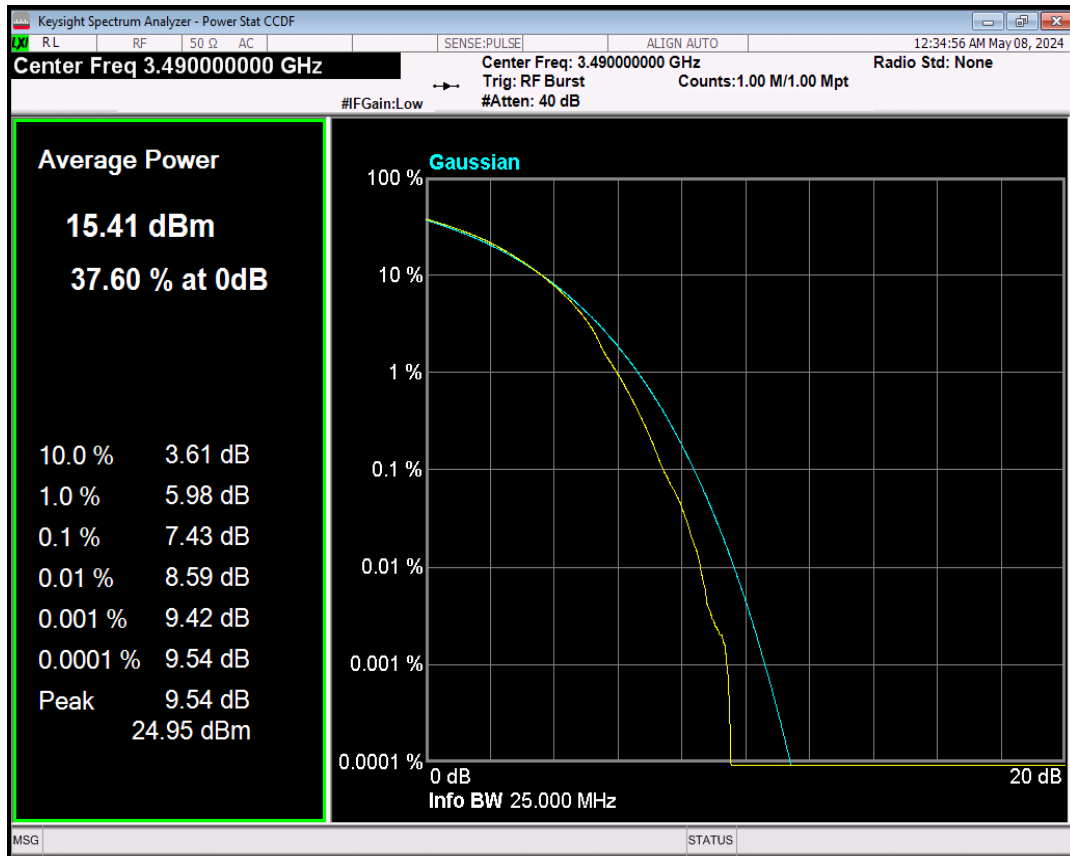
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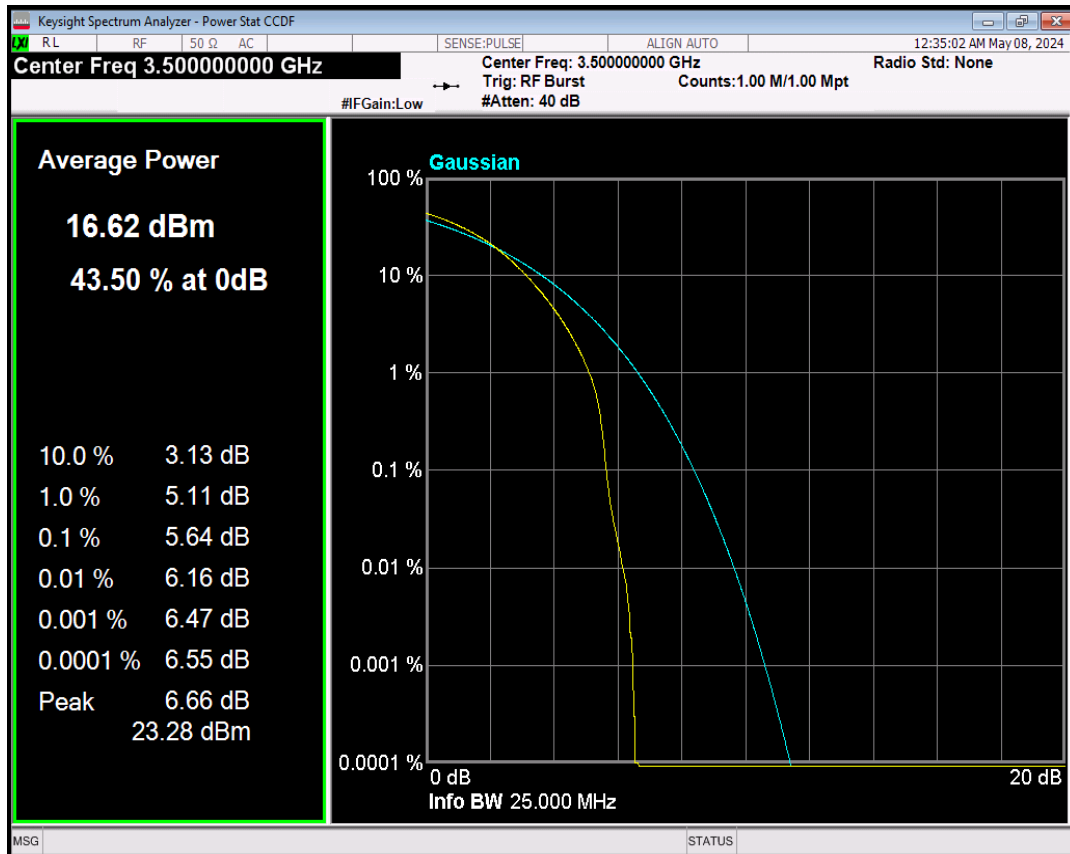
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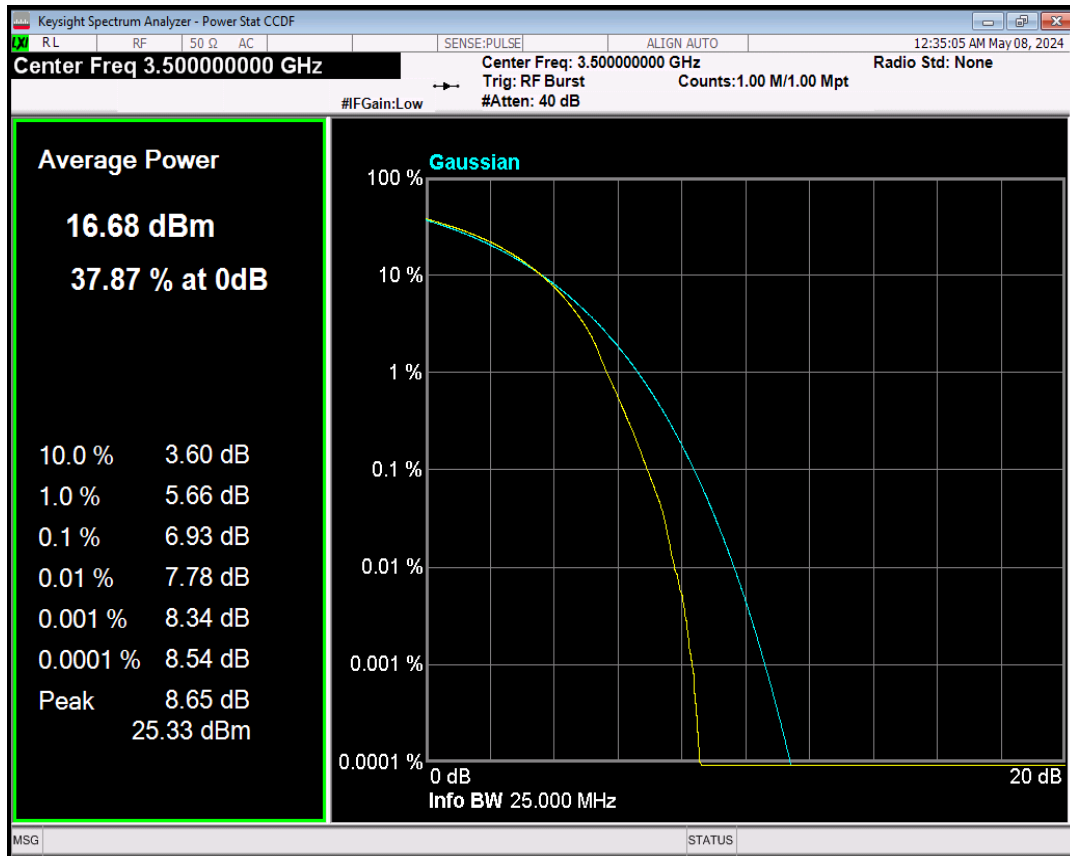
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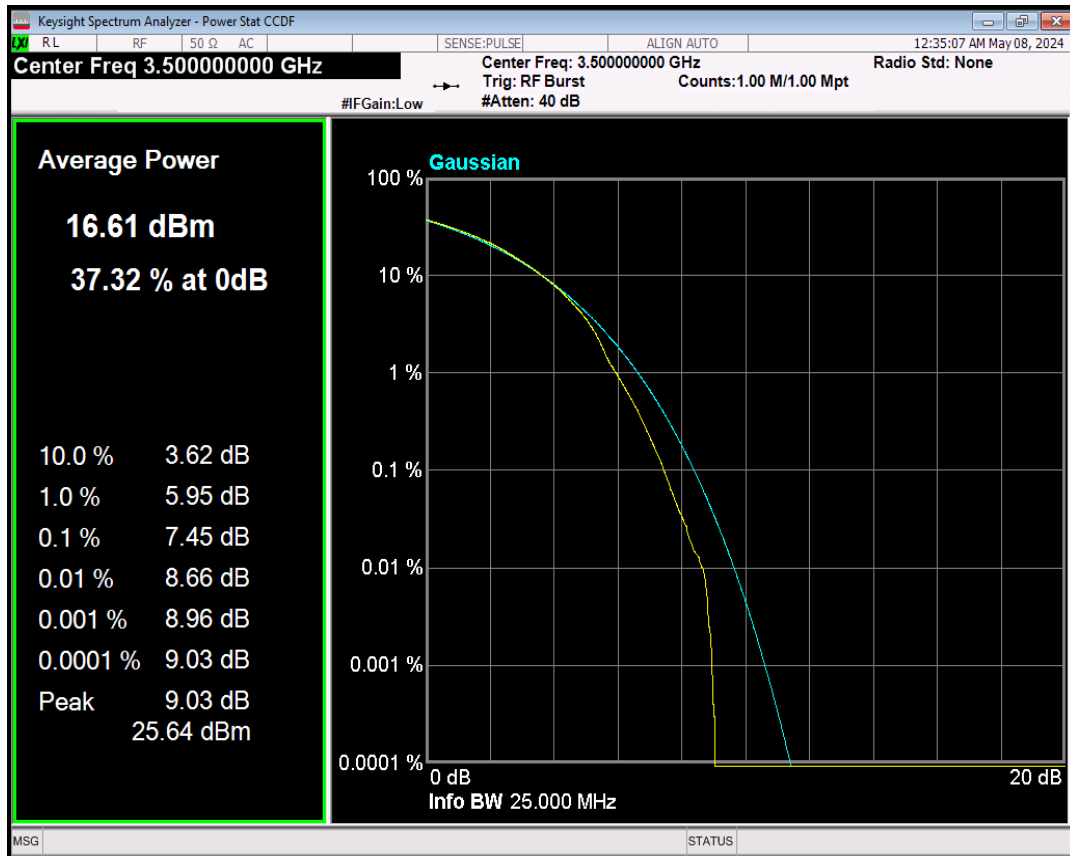
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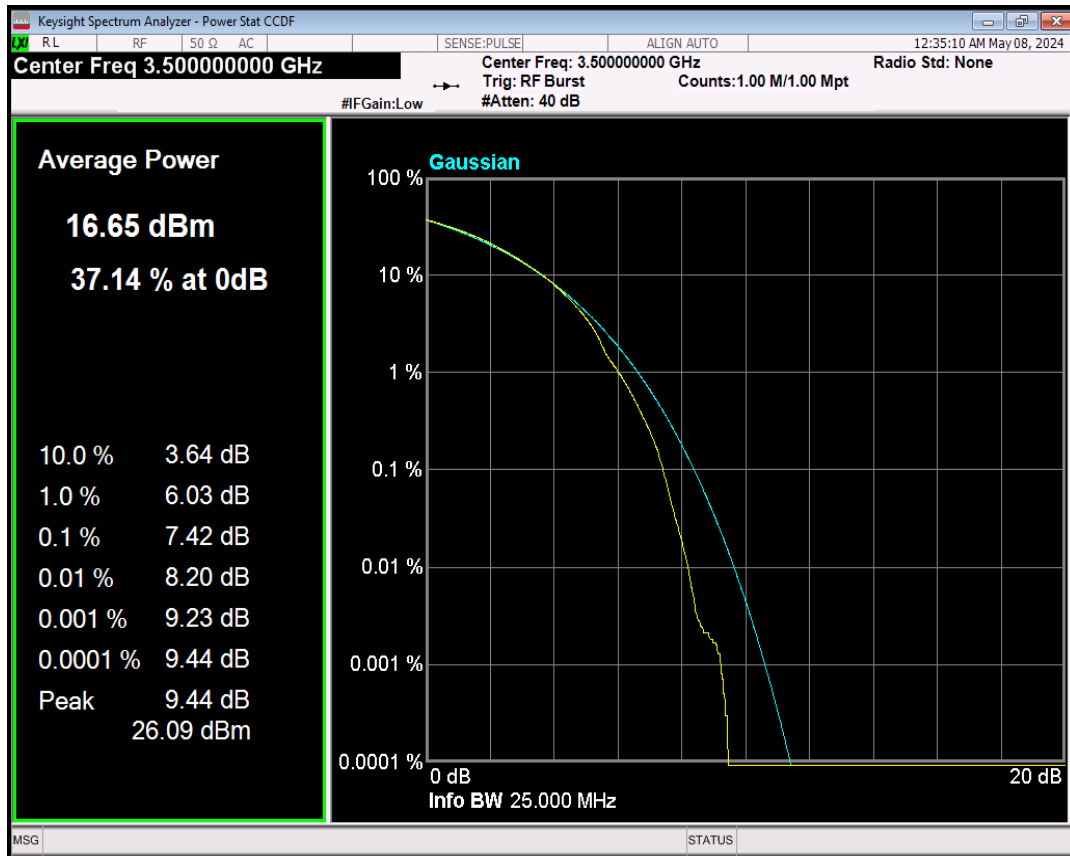
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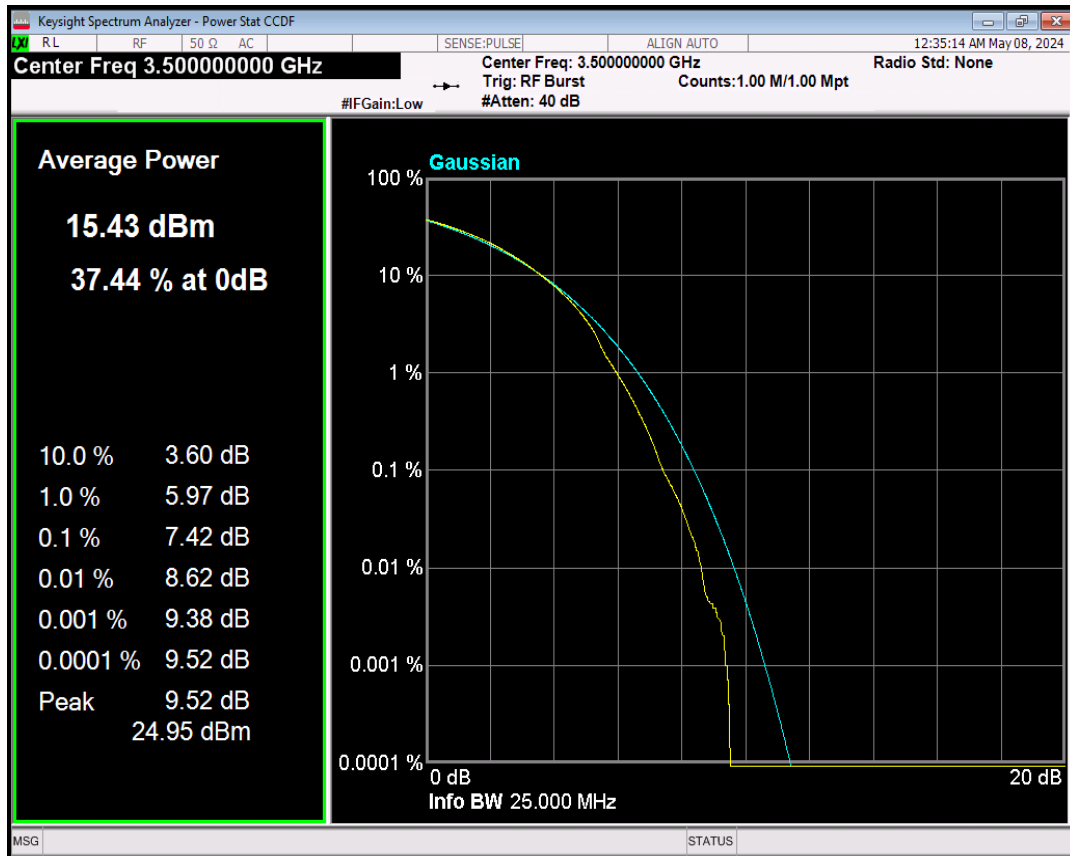
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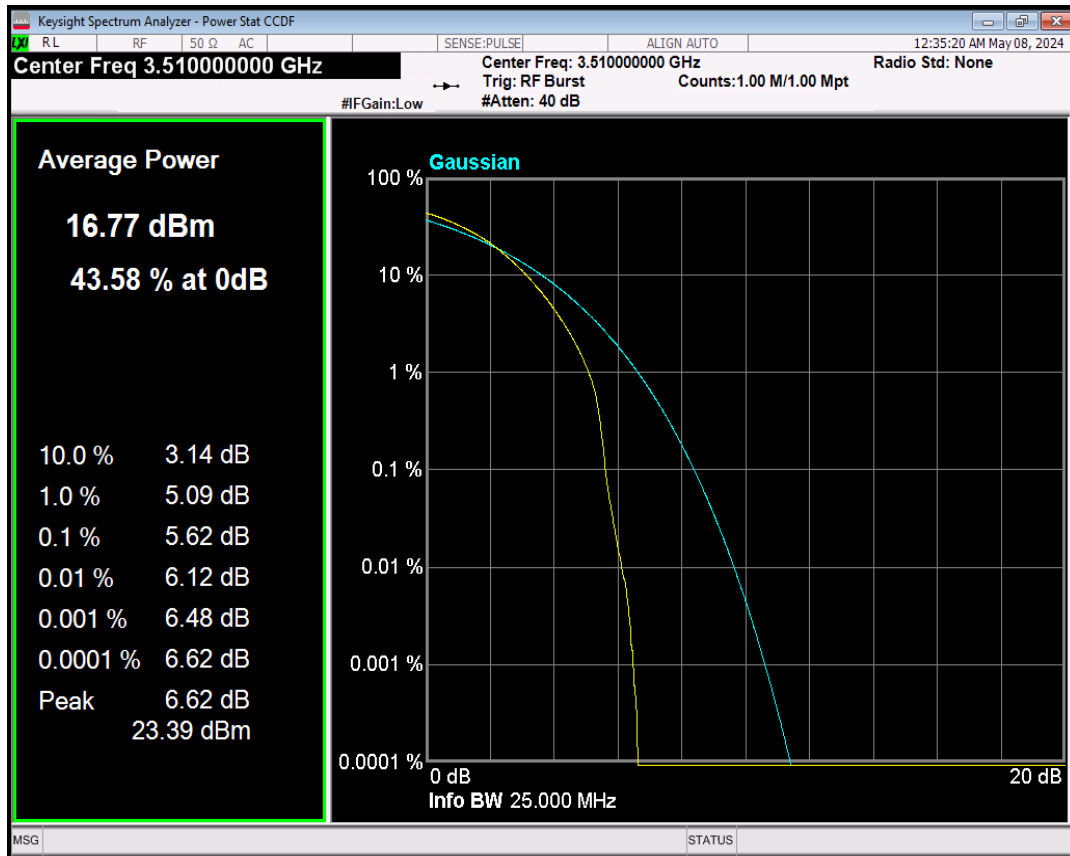
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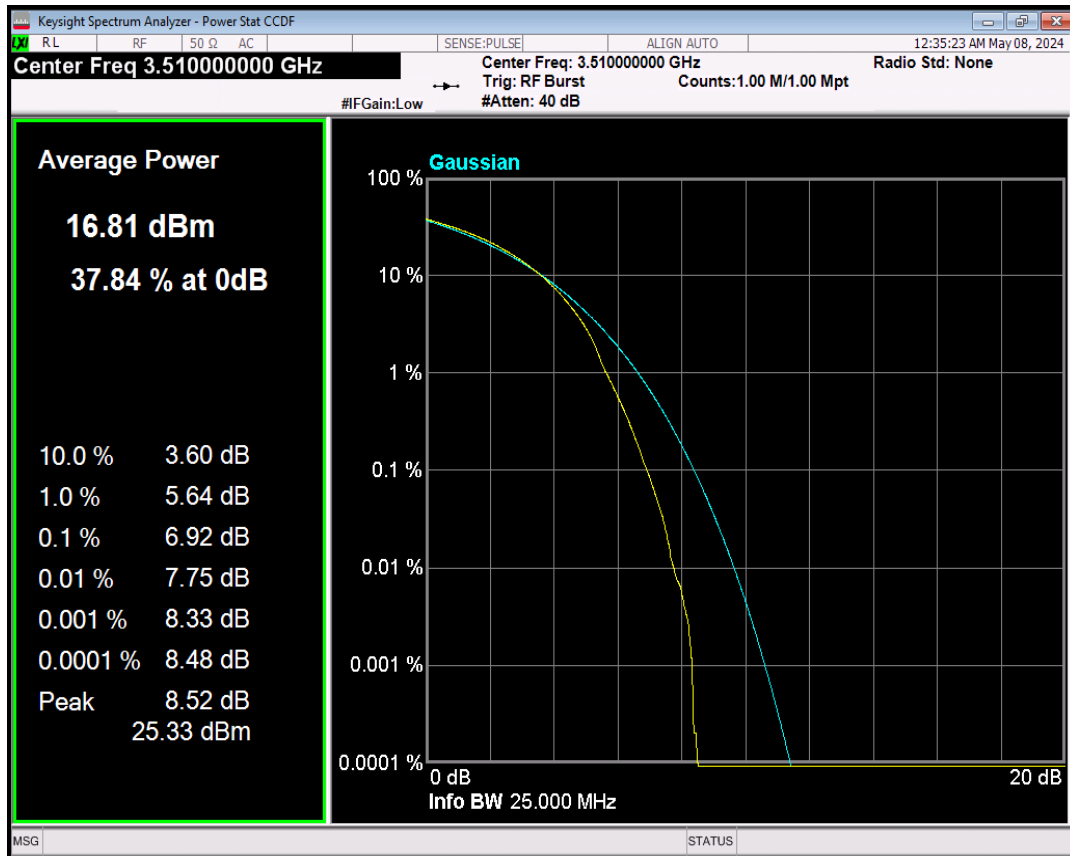
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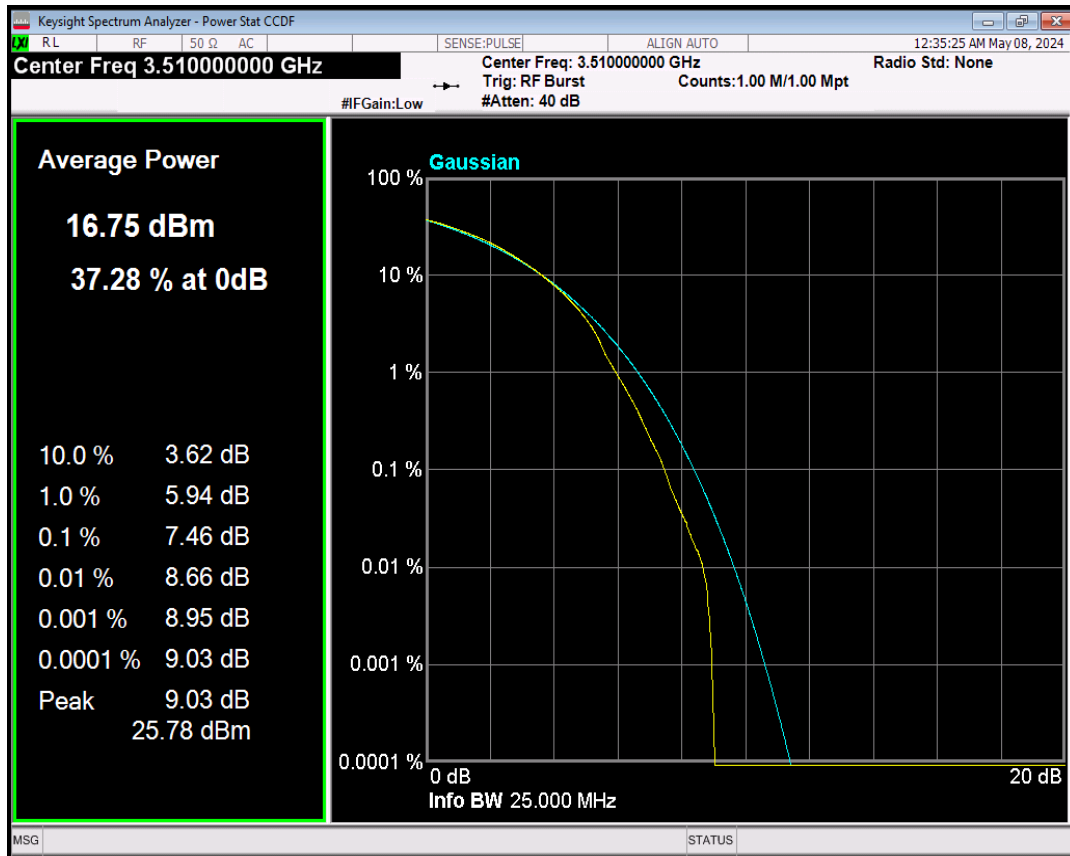
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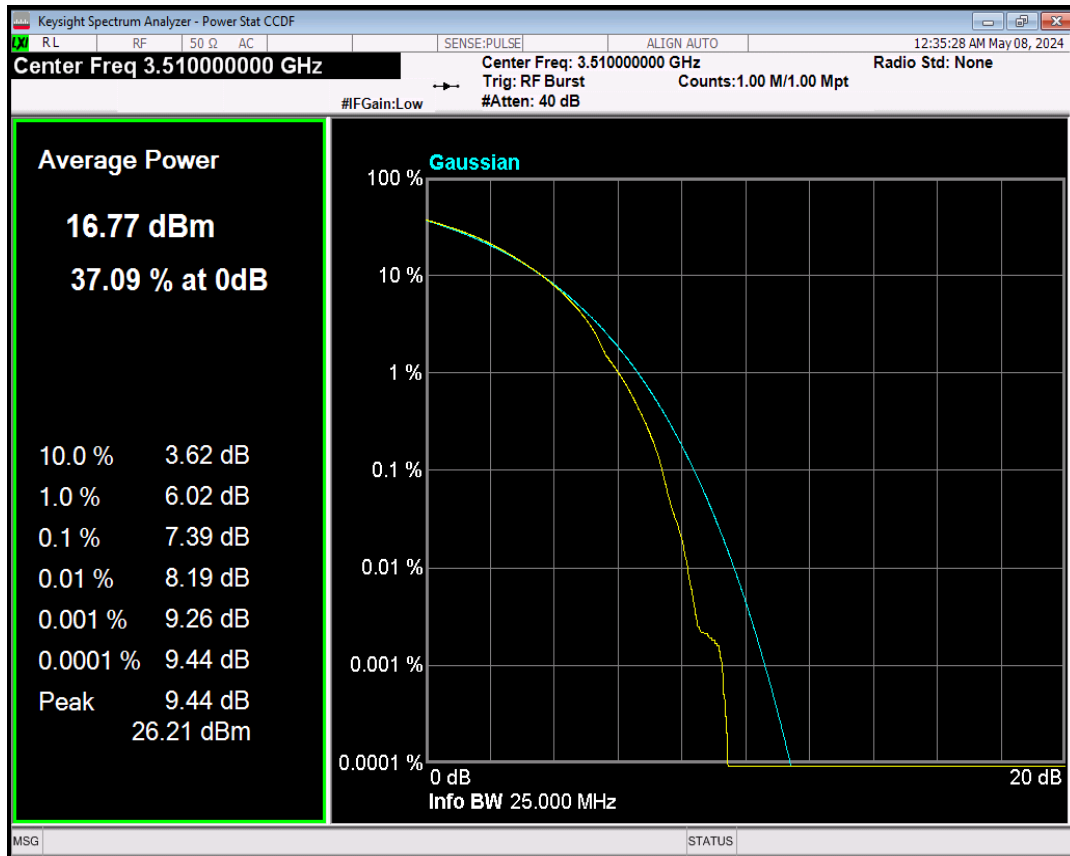
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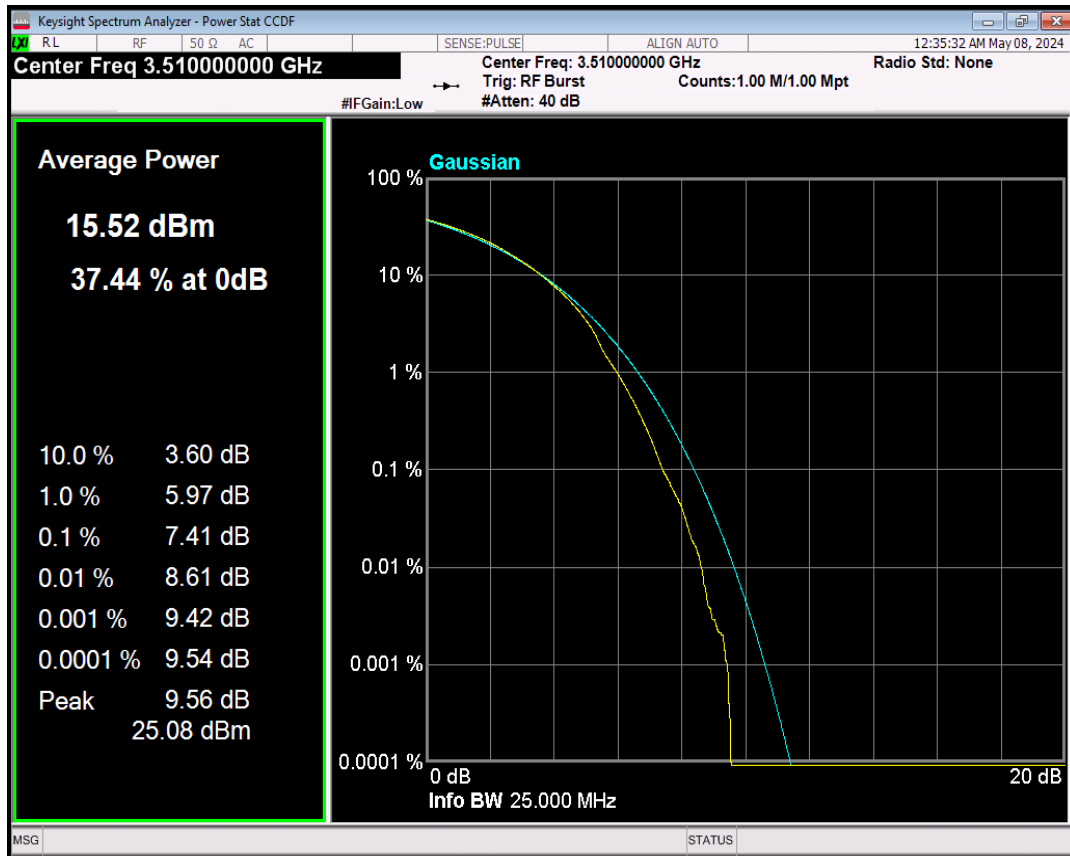
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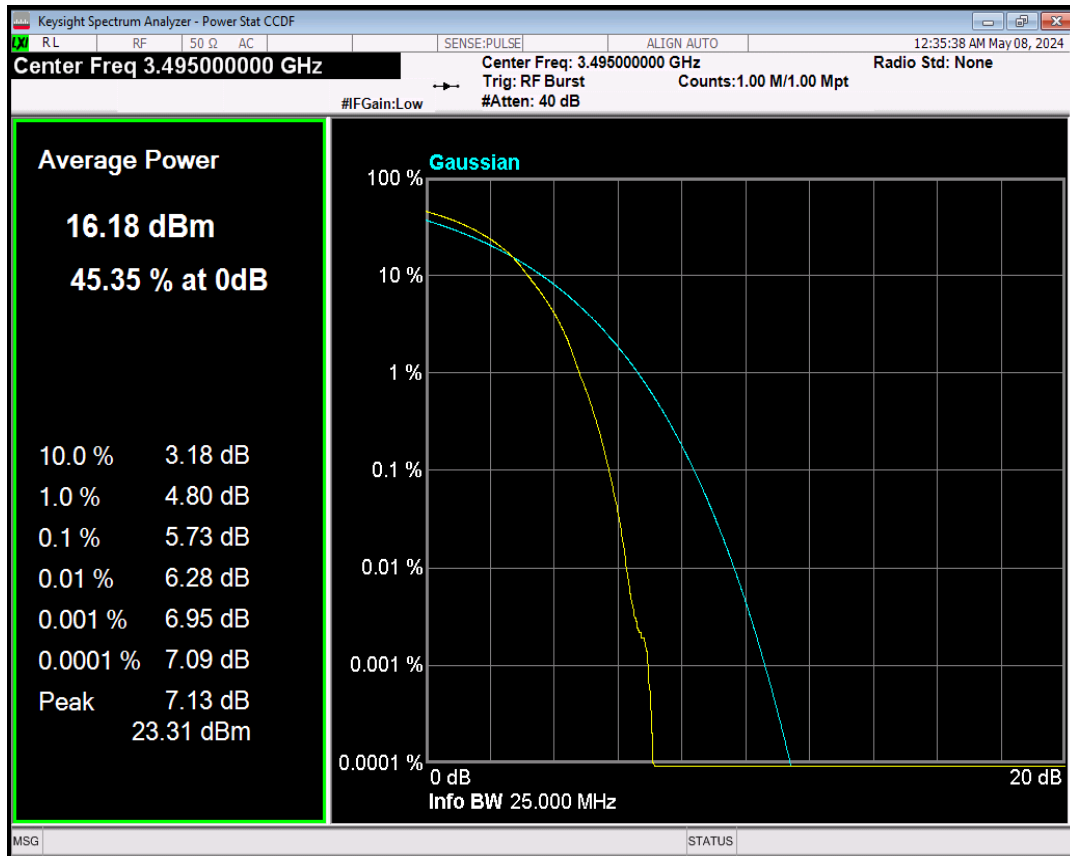
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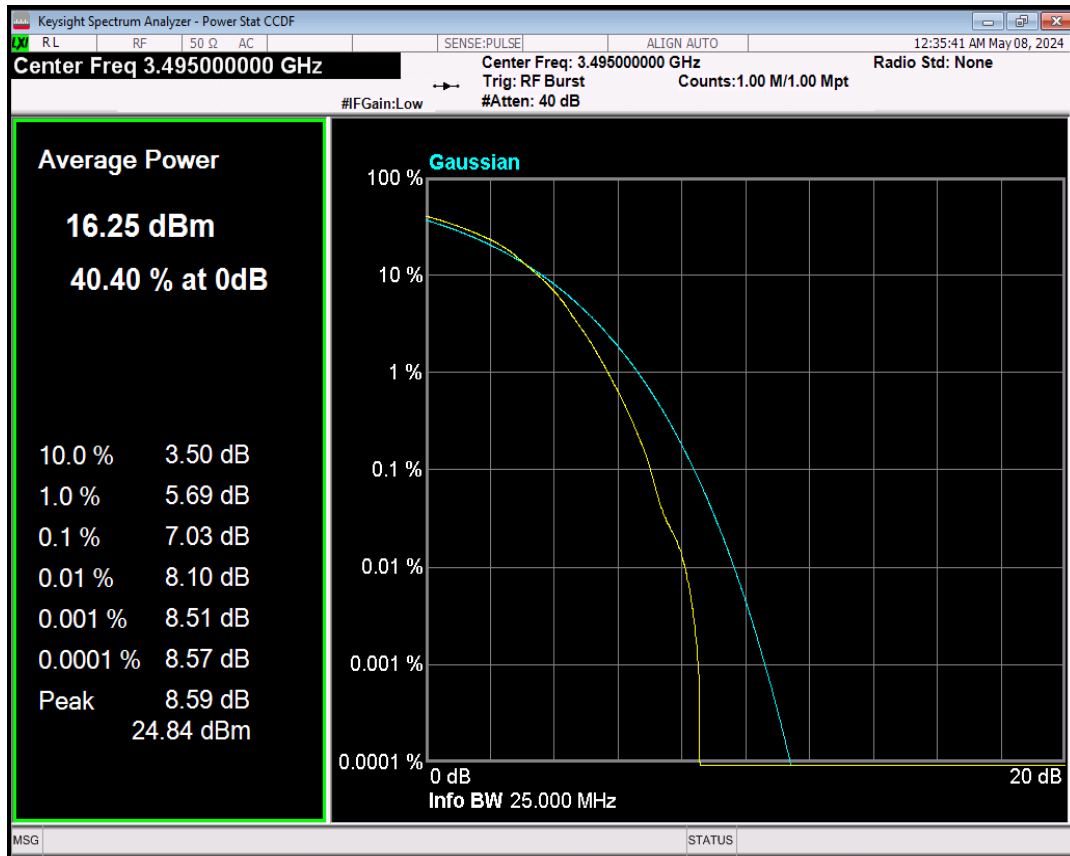
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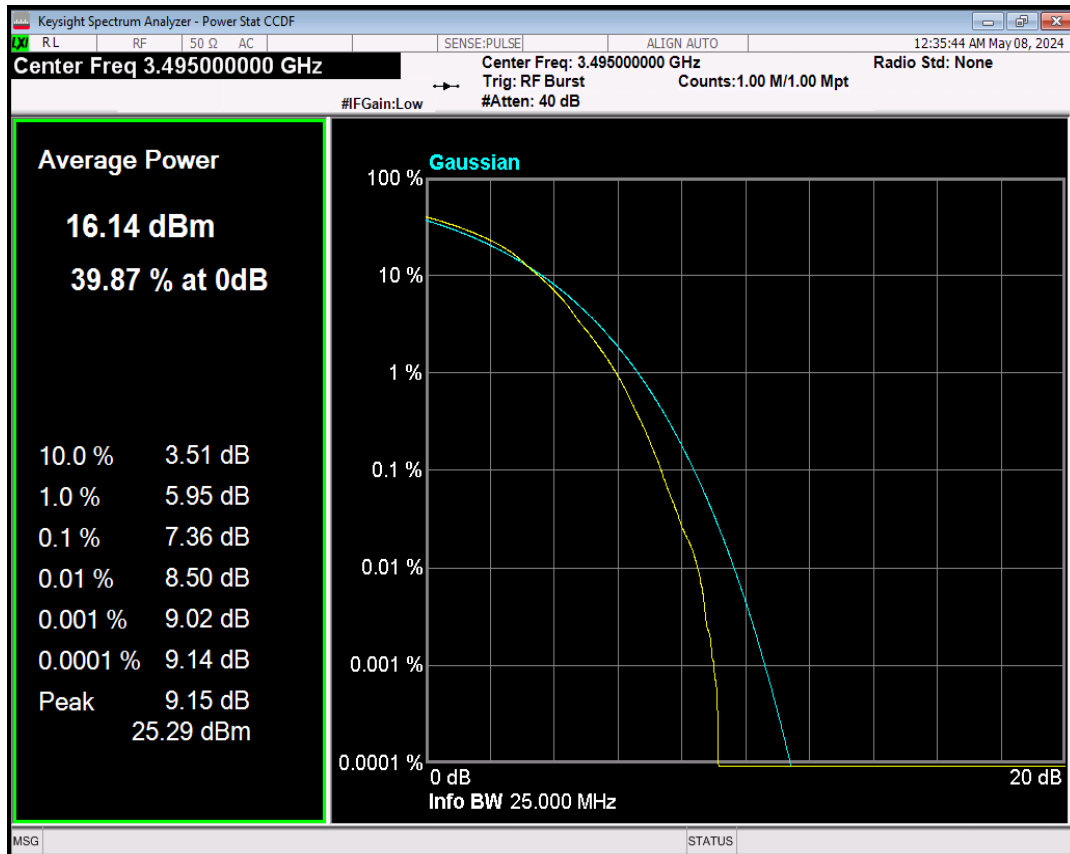
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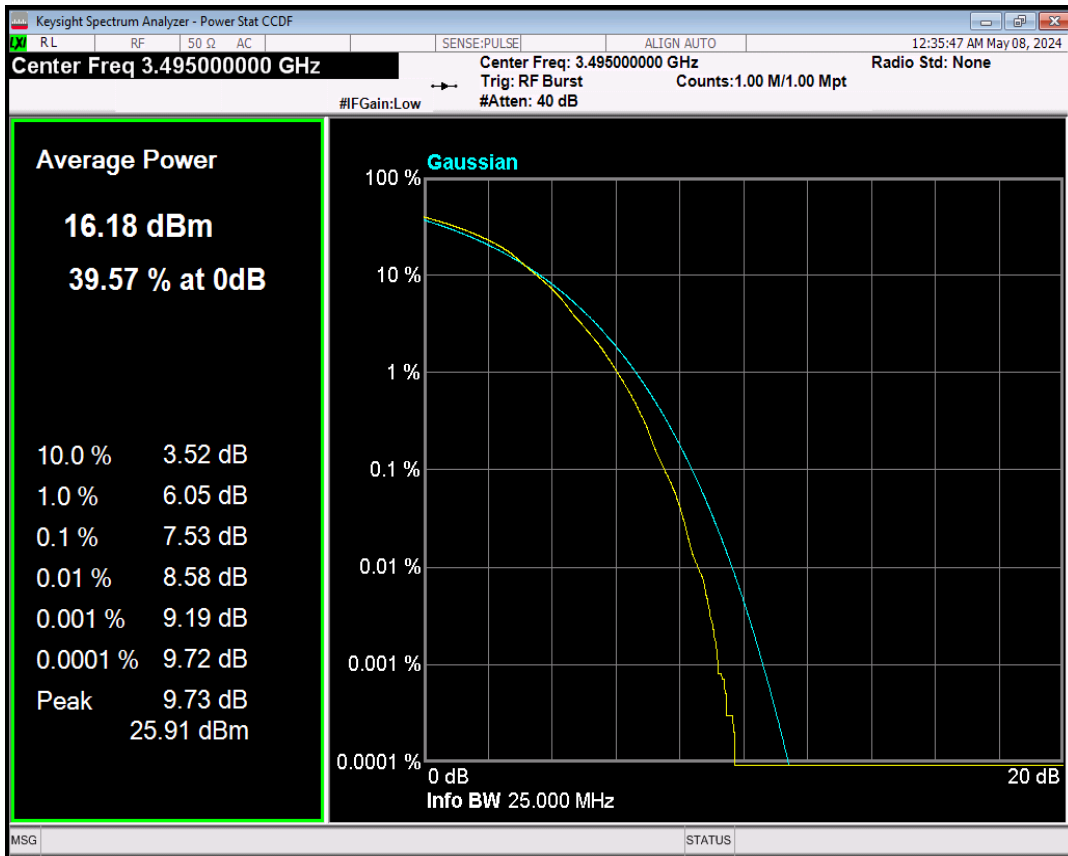
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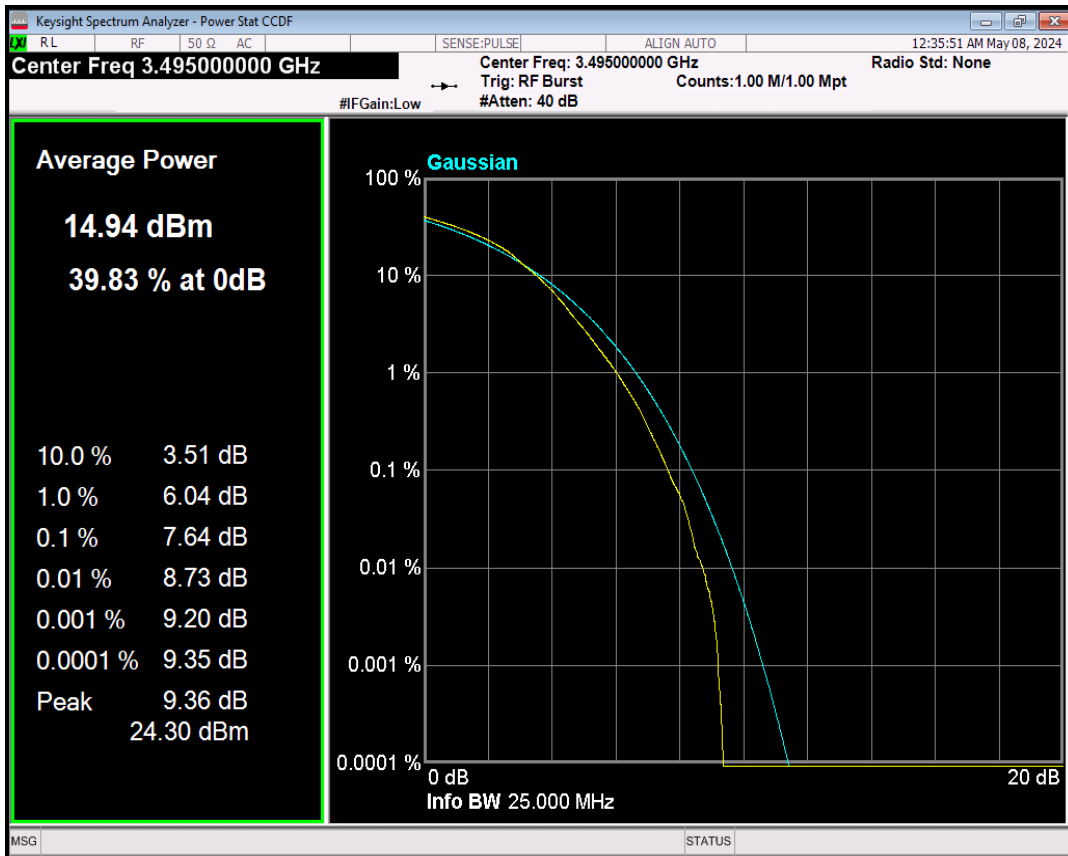
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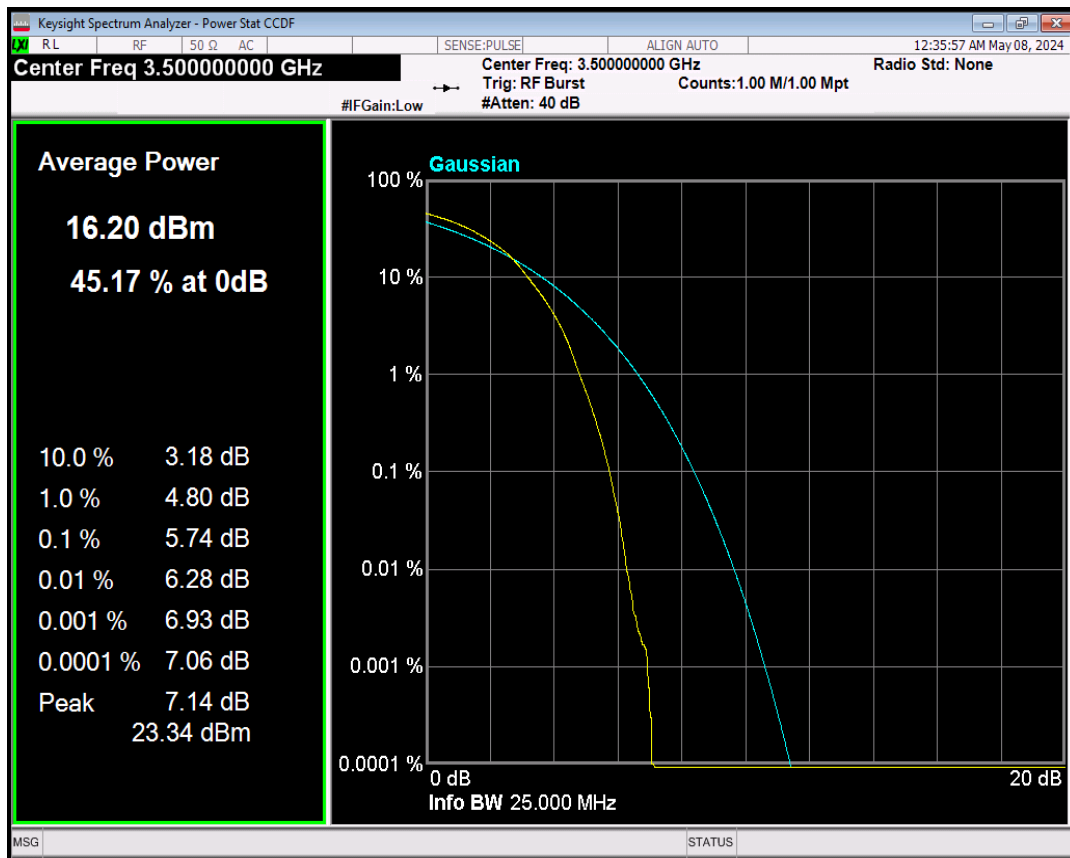
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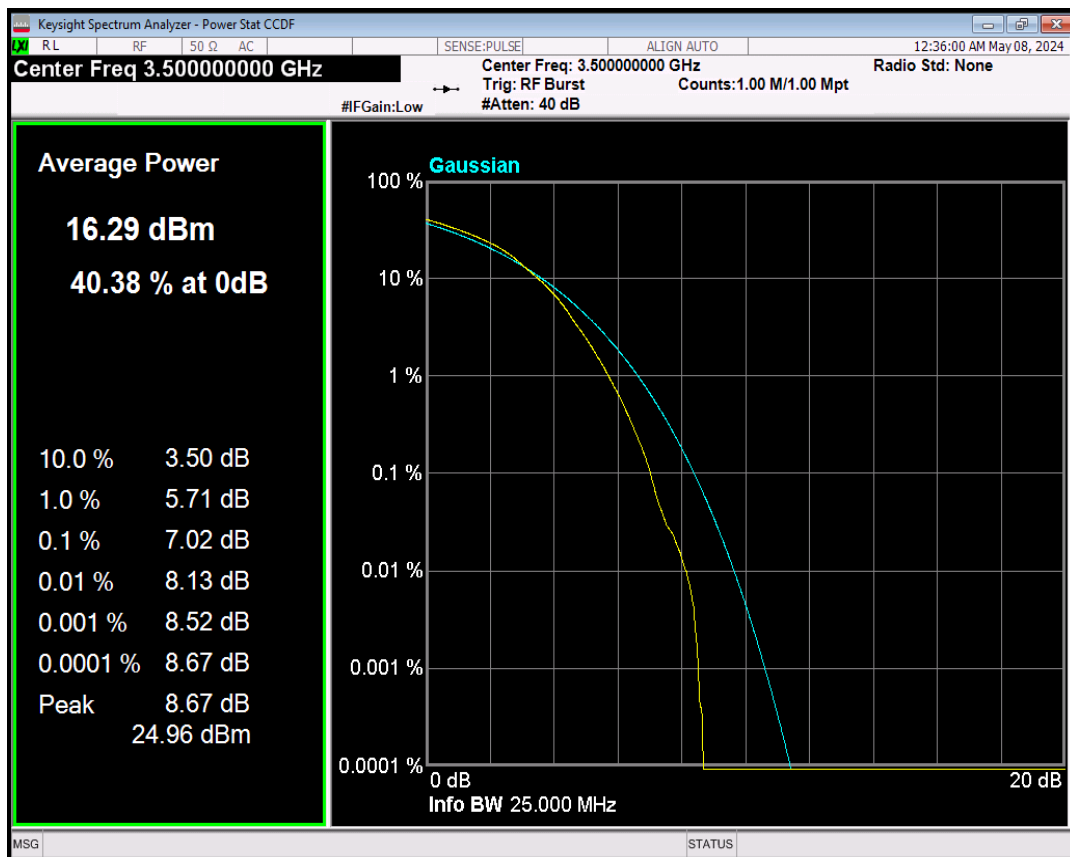
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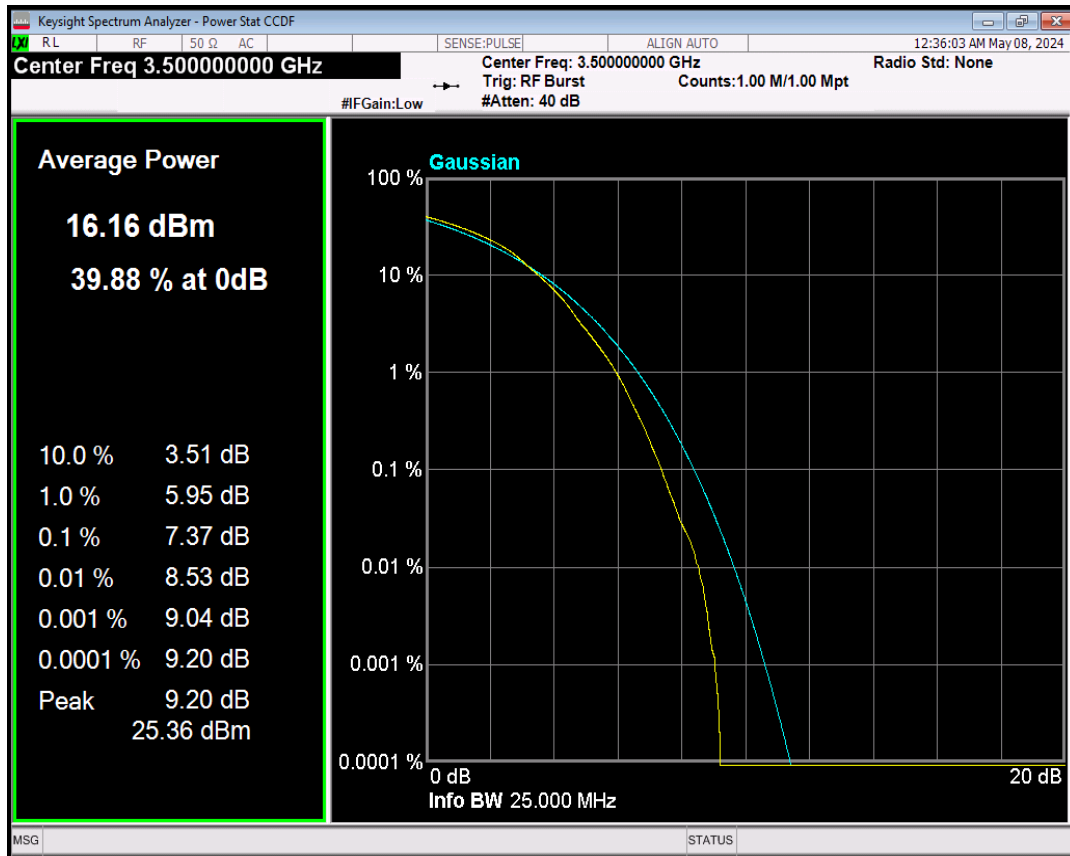
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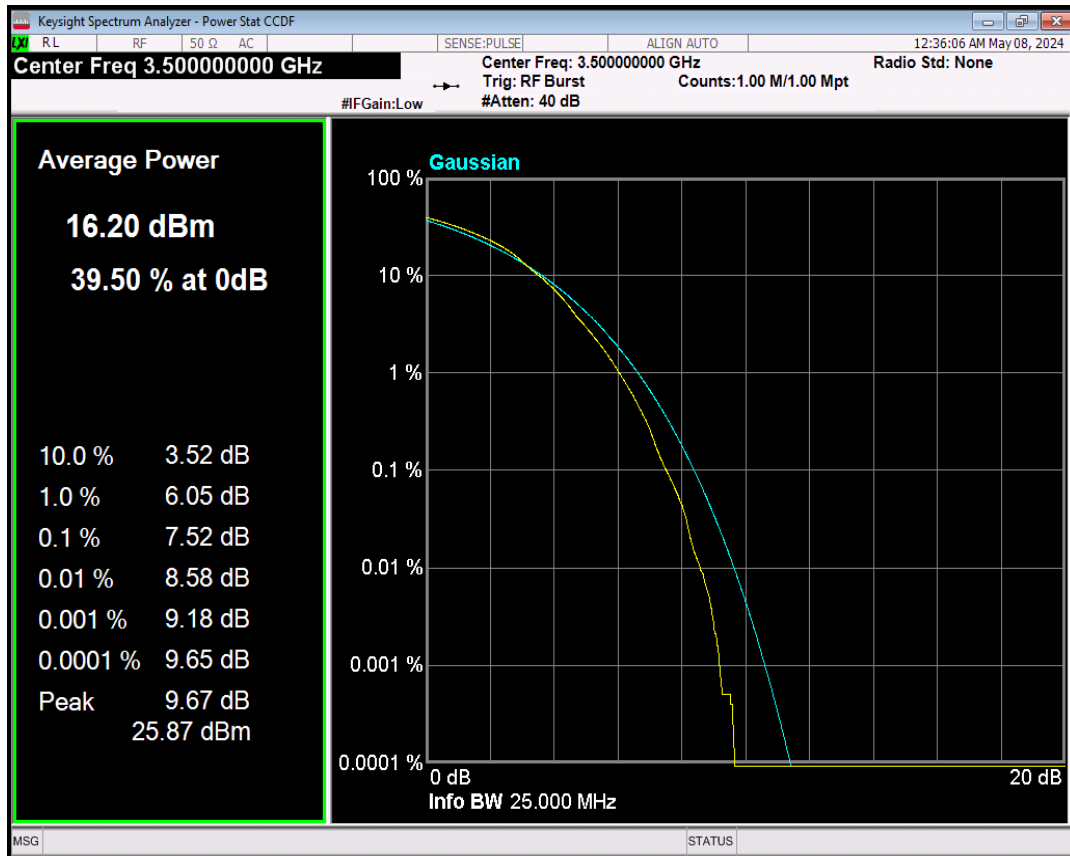
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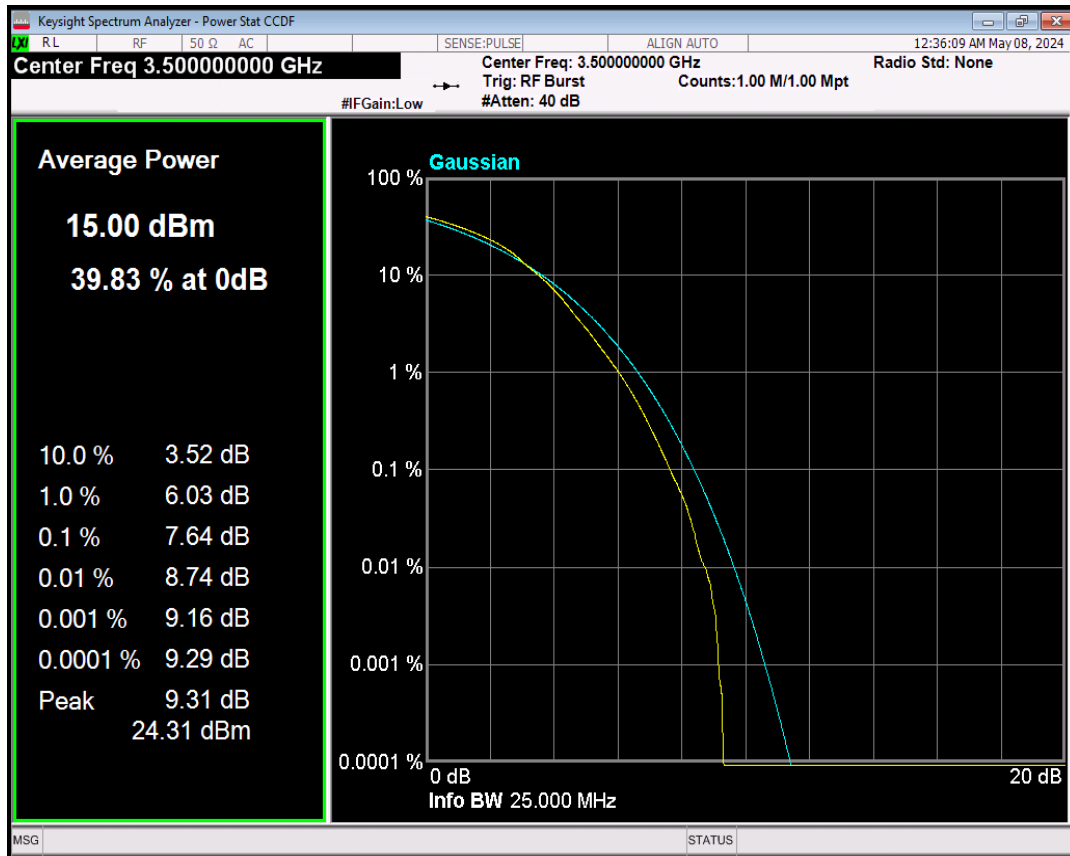
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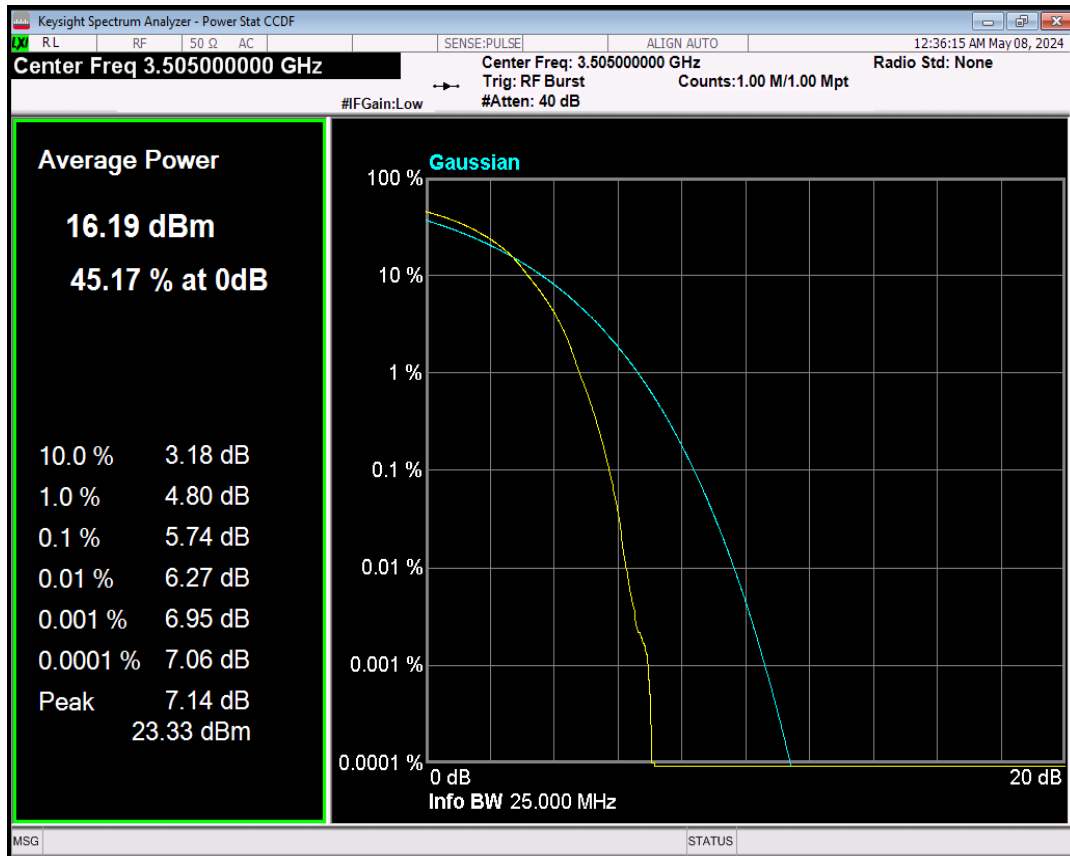
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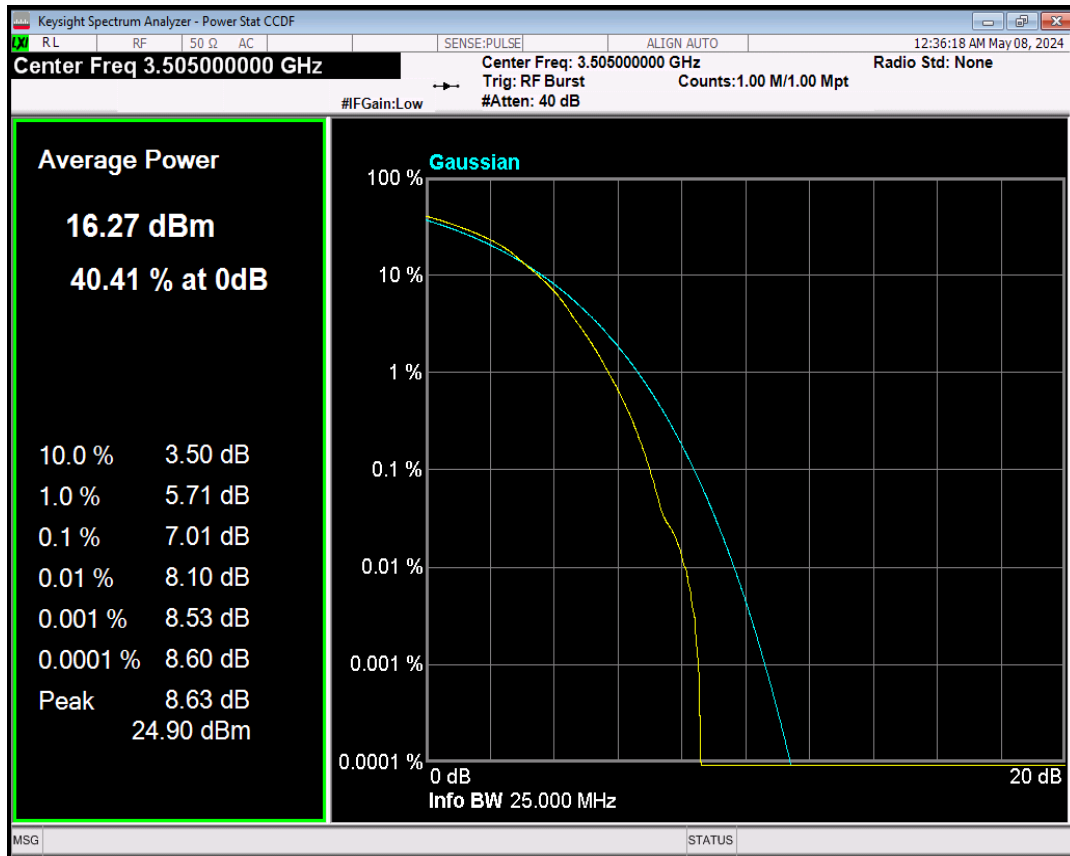
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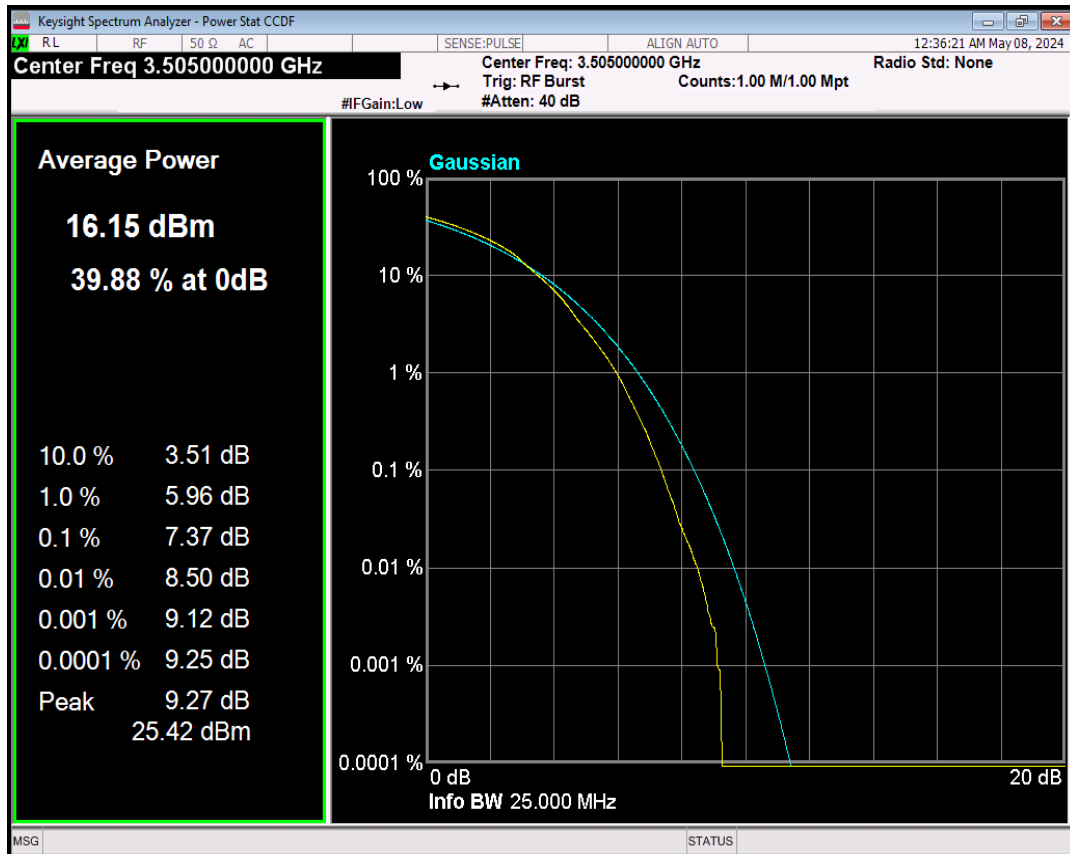
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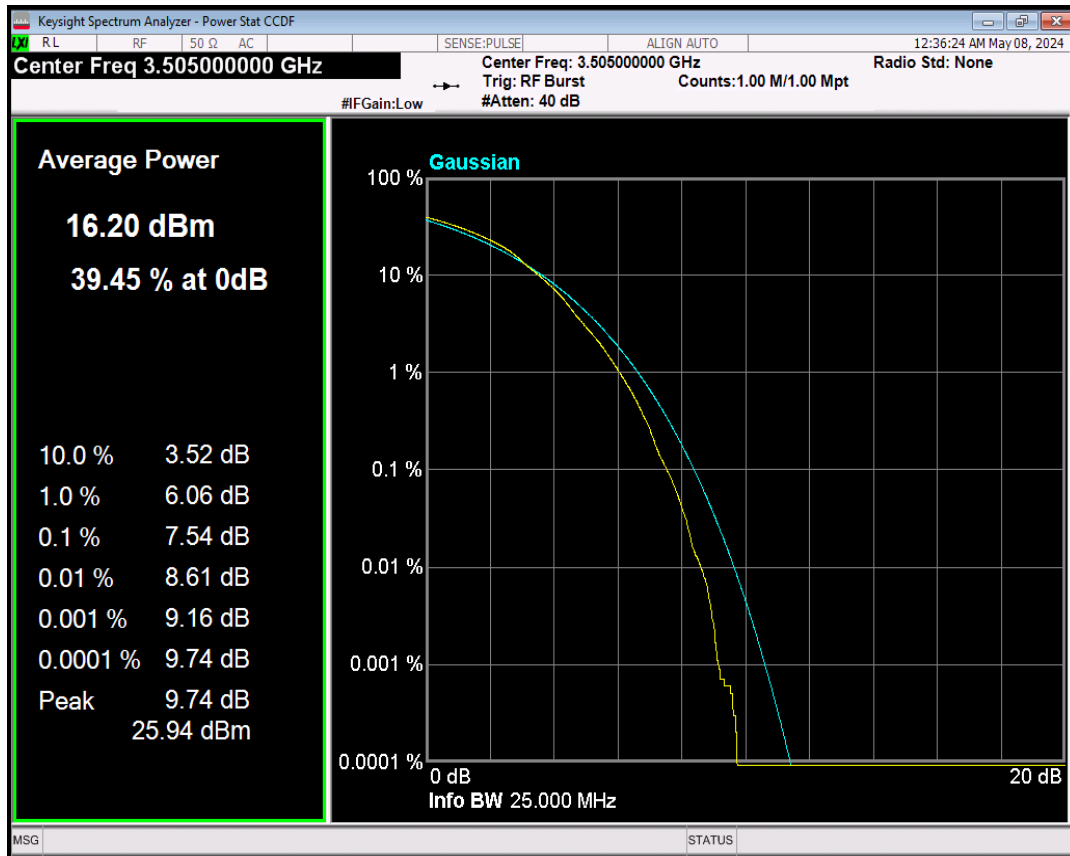
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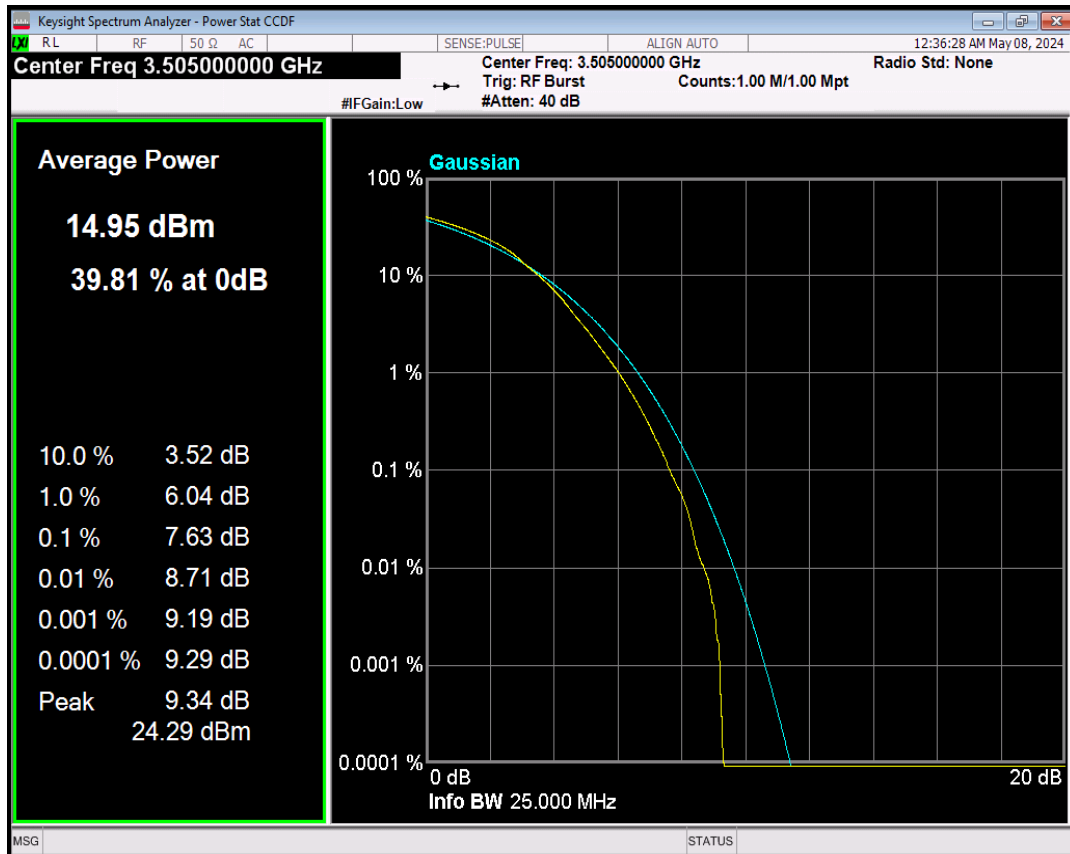
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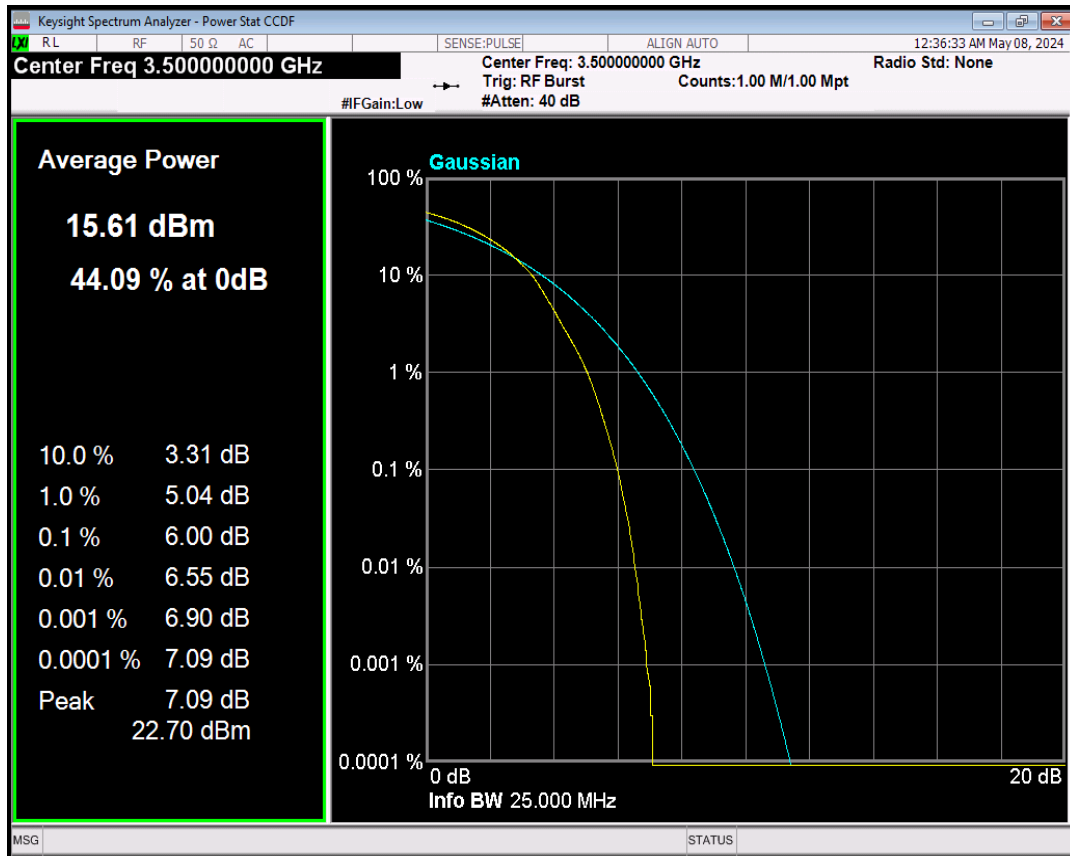
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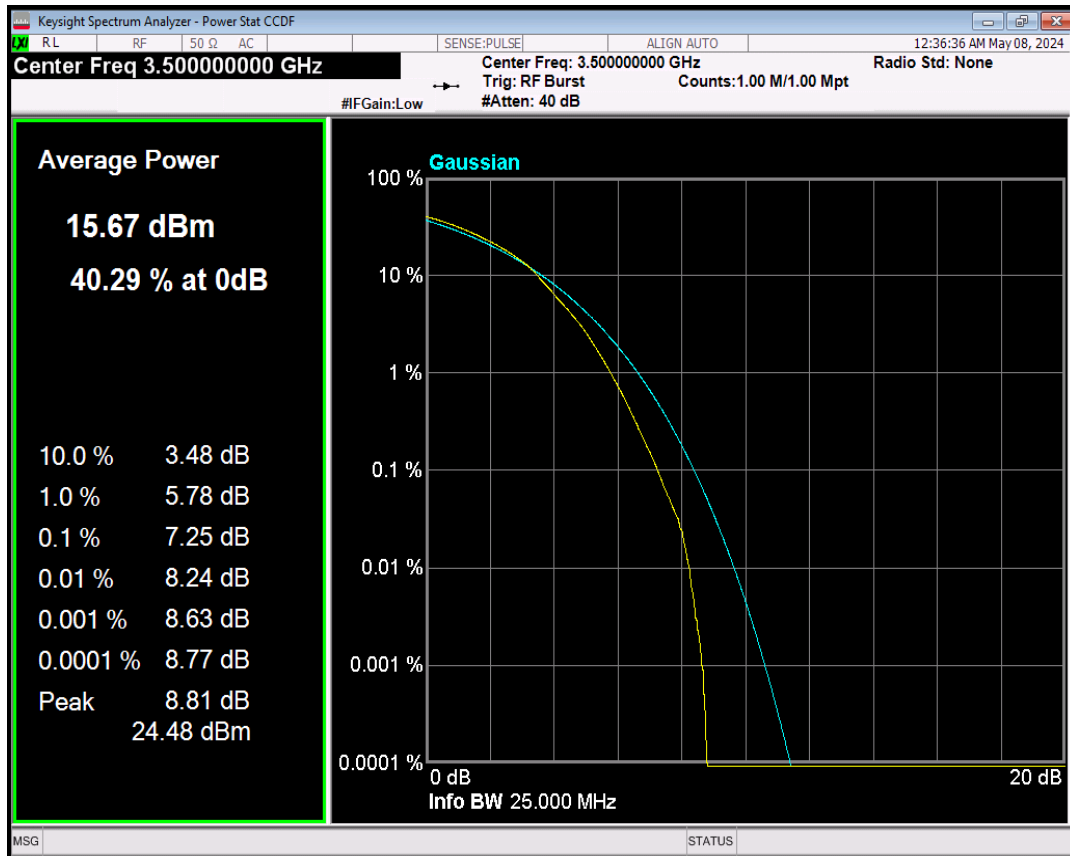
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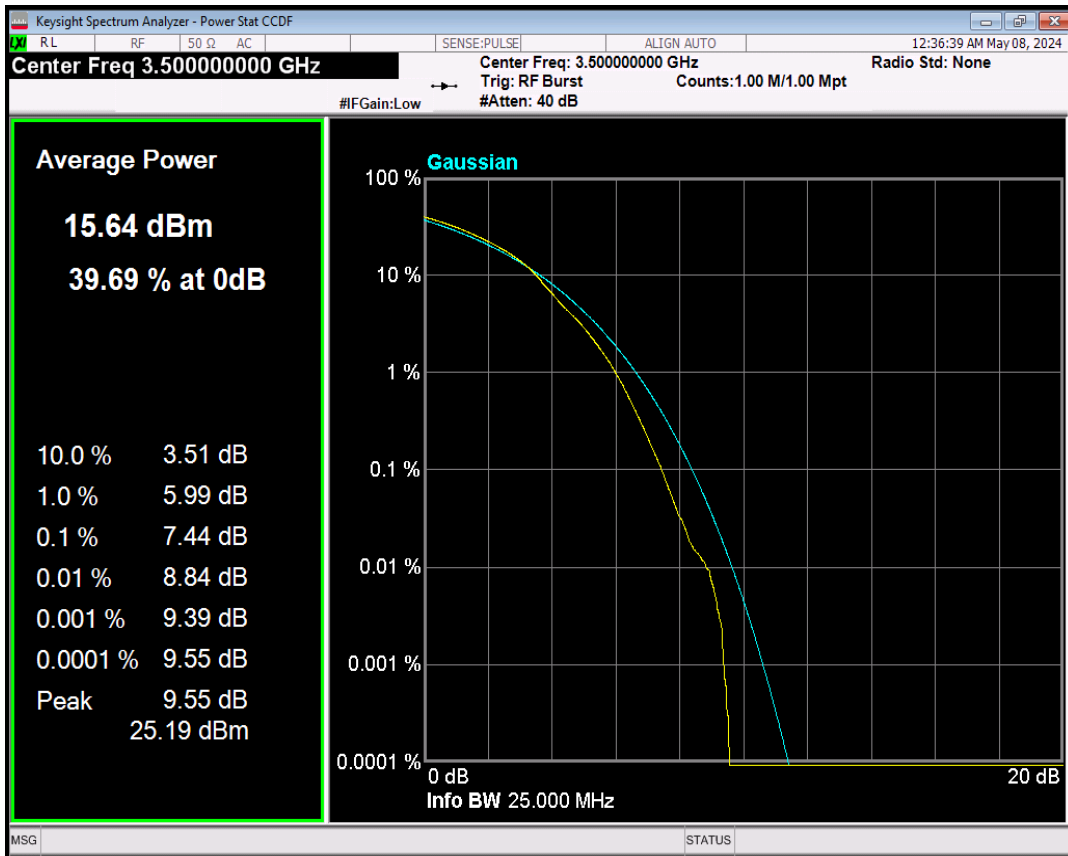
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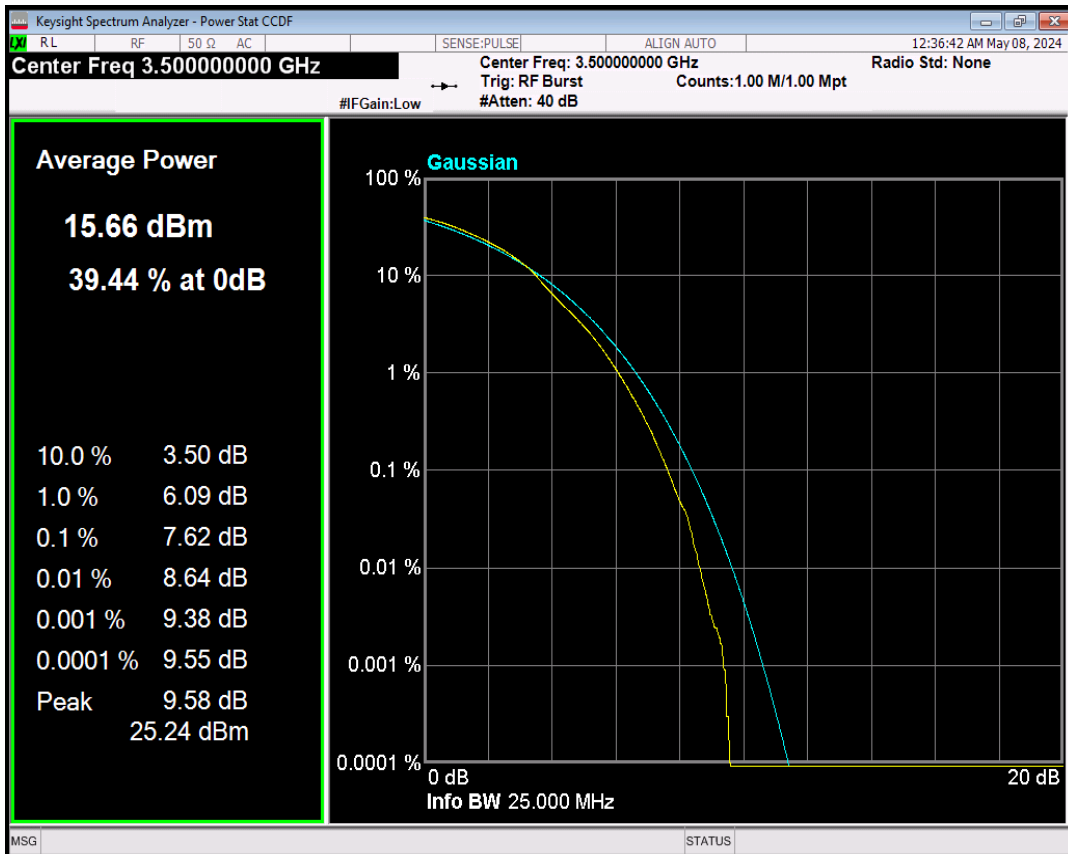
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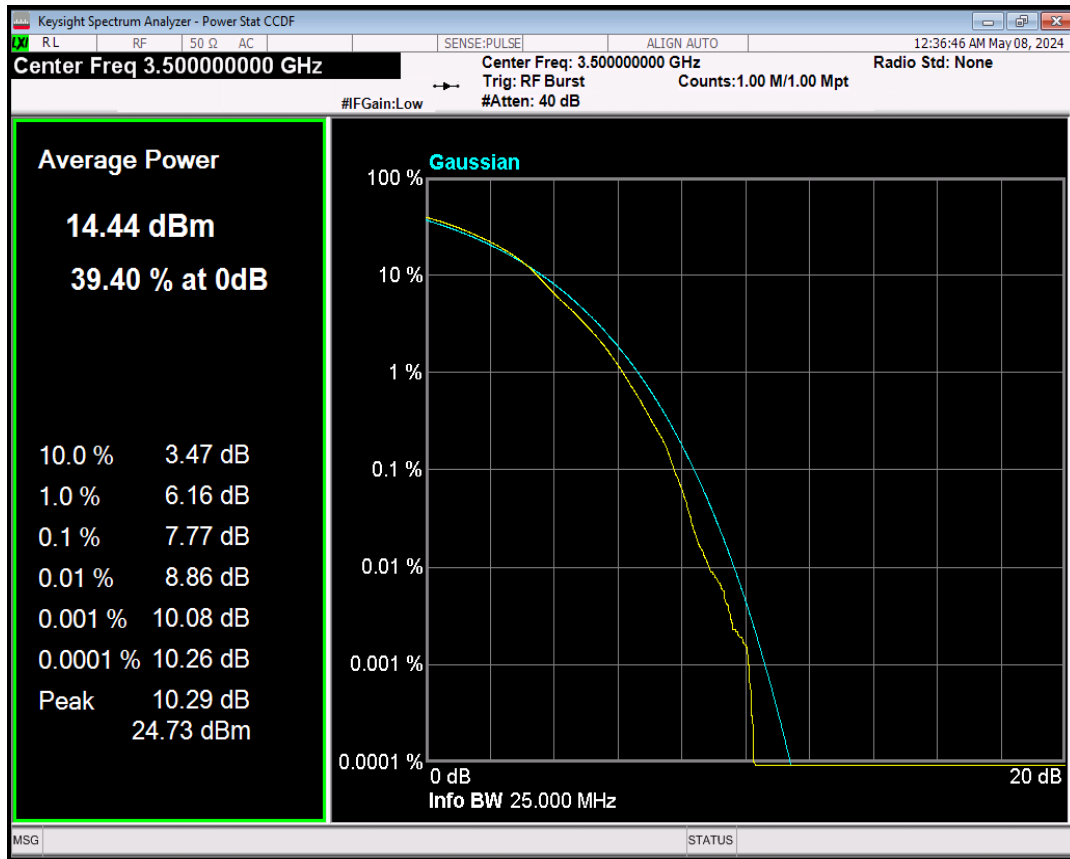
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n78 SCS=30kHz DFT_QAM64 BW=100MHz Channel=633333 RB=270@0



n78 SCS=30kHz DFT_QAM256 BW=100MHz Channel=633333 RB=270@0

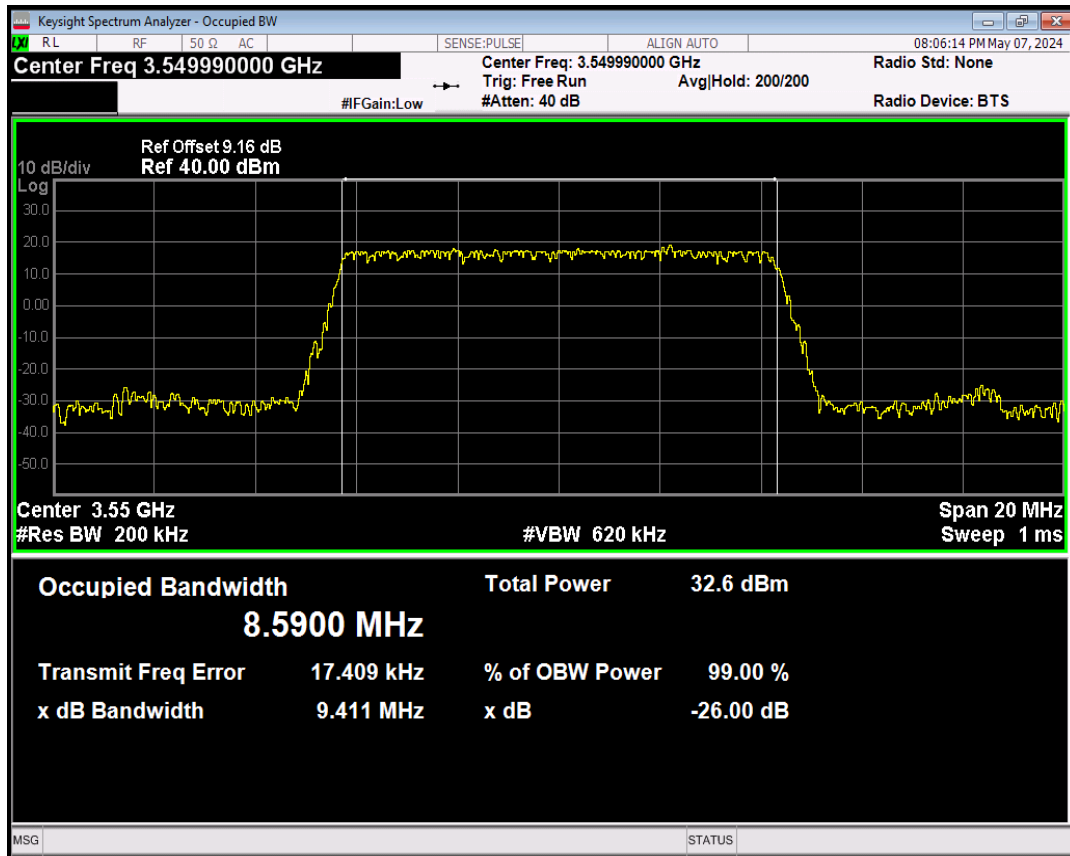


4 Occupied bandwidth for EN-DC

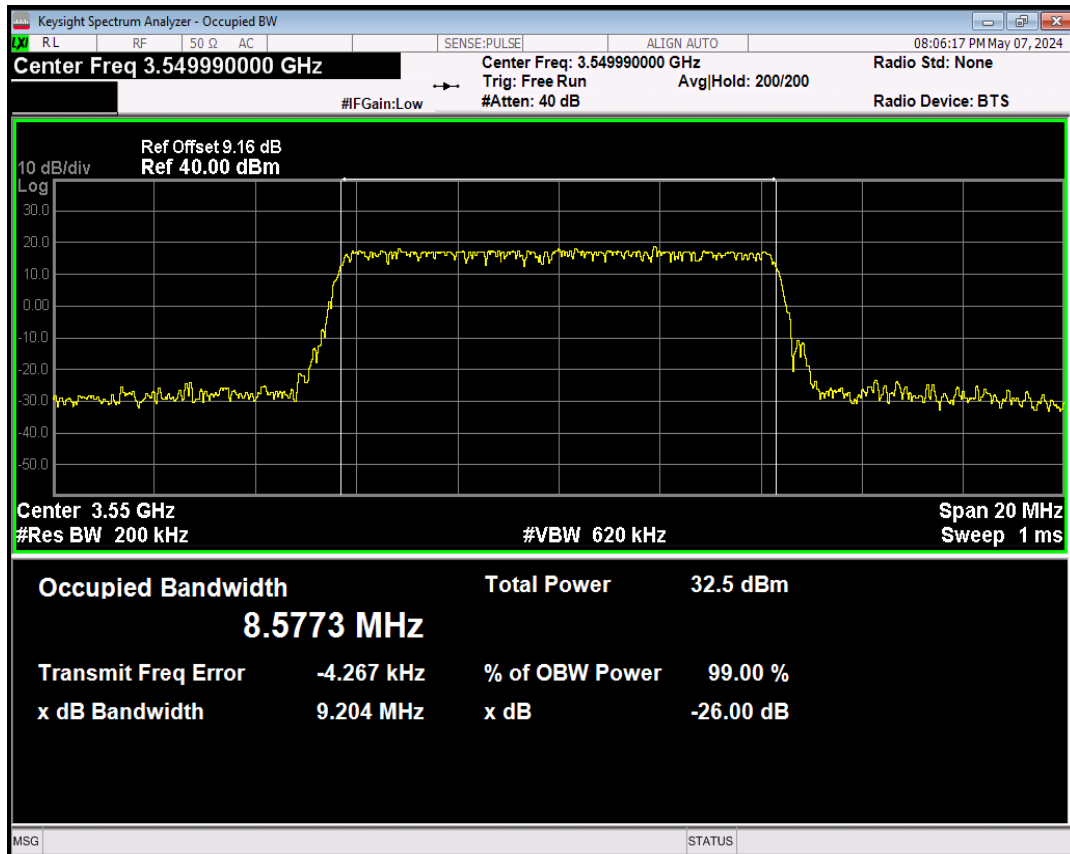
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n78	30	10	633333	24@0	DFT_BPSK	8.608	9.293	PASS
n78	30	10	633333	24@0	DFT_QPSK	8.591	9.130	PASS
n78	30	10	633333	24@0	DFT_QAM16	8.581	9.369	PASS
n78	30	10	633333	24@0	DFT_QAM64	8.620	9.399	PASS
n78	30	10	633333	24@0	DFT_QAM256	8.566	9.353	PASS
n78	30	15	633333	36@0	DFT_BPSK	12.862	13.701	PASS
n78	30	15	633333	36@0	DFT_QPSK	12.927	13.653	PASS
n78	30	15	633333	36@0	DFT_QAM16	12.927	13.721	PASS
n78	30	15	633333	36@0	DFT_QAM64	12.928	13.798	PASS
n78	30	15	633333	36@0	DFT_QAM256	12.910	13.661	PASS
n78	30	20	633333	50@0	DFT_BPSK	18.016	18.996	PASS
n78	30	20	633333	50@0	DFT_QPSK	17.971	18.975	PASS
n78	30	20	633333	50@0	DFT_QAM16	17.949	18.965	PASS
n78	30	20	633333	50@0	DFT_QAM64	17.956	19.019	PASS
n78	30	20	633333	50@0	DFT_QAM256	17.966	18.979	PASS
n78	30	40	633333	100@0	DFT_BPSK	35.879	37.869	PASS
n78	30	40	633333	100@0	DFT_QPSK	35.928	37.892	PASS
n78	30	40	633333	100@0	DFT_QAM16	35.860	37.770	PASS
n78	30	40	633333	100@0	DFT_QAM64	35.886	37.770	PASS
n78	30	40	633333	100@0	DFT_QAM256	35.827	37.761	PASS

n78	30	50	633333	128@0	DFT_BPSK	45.791	48.247	PASS
n78	30	50	633333	128@0	DFT_QPSK	45.900	48.202	PASS
n78	30	50	633333	128@0	DFT_QAM16	45.953	48.286	PASS
n78	30	50	633333	128@0	DFT_QAM64	45.917	48.314	PASS
n78	30	50	633333	128@0	DFT_QAM256	45.851	48.137	PASS
n78	30	60	633333	162@0	DFT_BPSK	57.985	60.947	PASS
n78	30	60	633333	162@0	DFT_QPSK	58.041	60.916	PASS
n78	30	60	633333	162@0	DFT_QAM16	57.874	60.882	PASS
n78	30	60	633333	162@0	DFT_QAM64	57.915	60.963	PASS
n78	30	60	633333	162@0	DFT_QAM256	57.908	60.918	PASS
n78	30	80	633333	216@0	DFT_BPSK	77.376	81.090	PASS
n78	30	80	633333	216@0	DFT_QPSK	77.169	81.256	PASS
n78	30	80	633333	216@0	DFT_QAM16	77.314	81.142	PASS
n78	30	80	633333	216@0	DFT_QAM64	77.454	81.133	PASS
n78	30	80	633333	216@0	DFT_QAM256	77.284	81.074	PASS
n78	30	90	633333	240@0	DFT_BPSK	86.100	90.274	PASS
n78	30	90	633333	240@0	DFT_QPSK	85.839	90.352	PASS
n78	30	90	633333	240@0	DFT_QAM16	85.994	90.459	PASS
n78	30	90	633333	240@0	DFT_QAM64	85.762	90.307	PASS
n78	30	90	633333	240@0	DFT_QAM256	85.812	90.260	PASS
n78	30	100	633333	270@0	DFT_BPSK	96.626	101.418	PASS
n78	30	100	633333	270@0	DFT_QPSK	96.552	101.405	PASS
n78	30	100	633333	270@0	DFT_QAM16	96.512	101.458	PASS
n78	30	100	633333	270@0	DFT_QAM64	96.668	101.481	PASS
n78	30	100	633333	270@0	DFT_QAM256	96.536	101.606	PASS

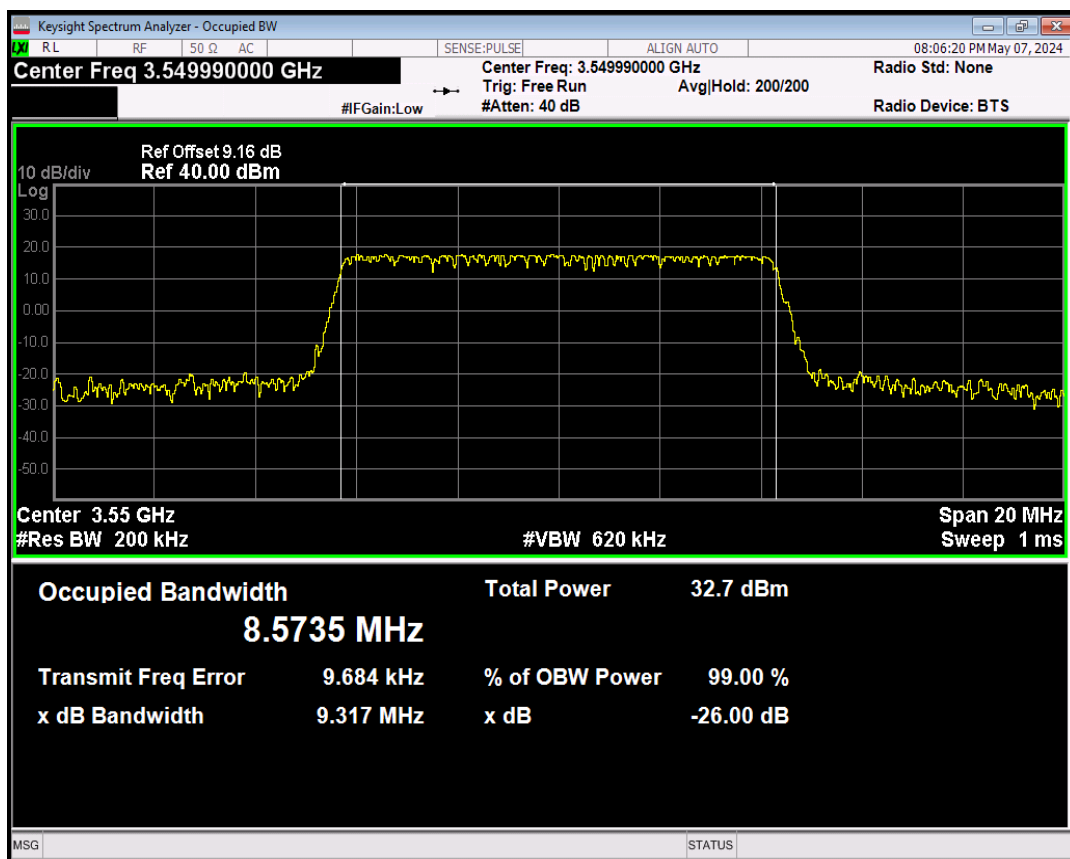
n78 SCS=30kHz DFT_BPSK BW=10MHz Channel=636666 RB=24@0



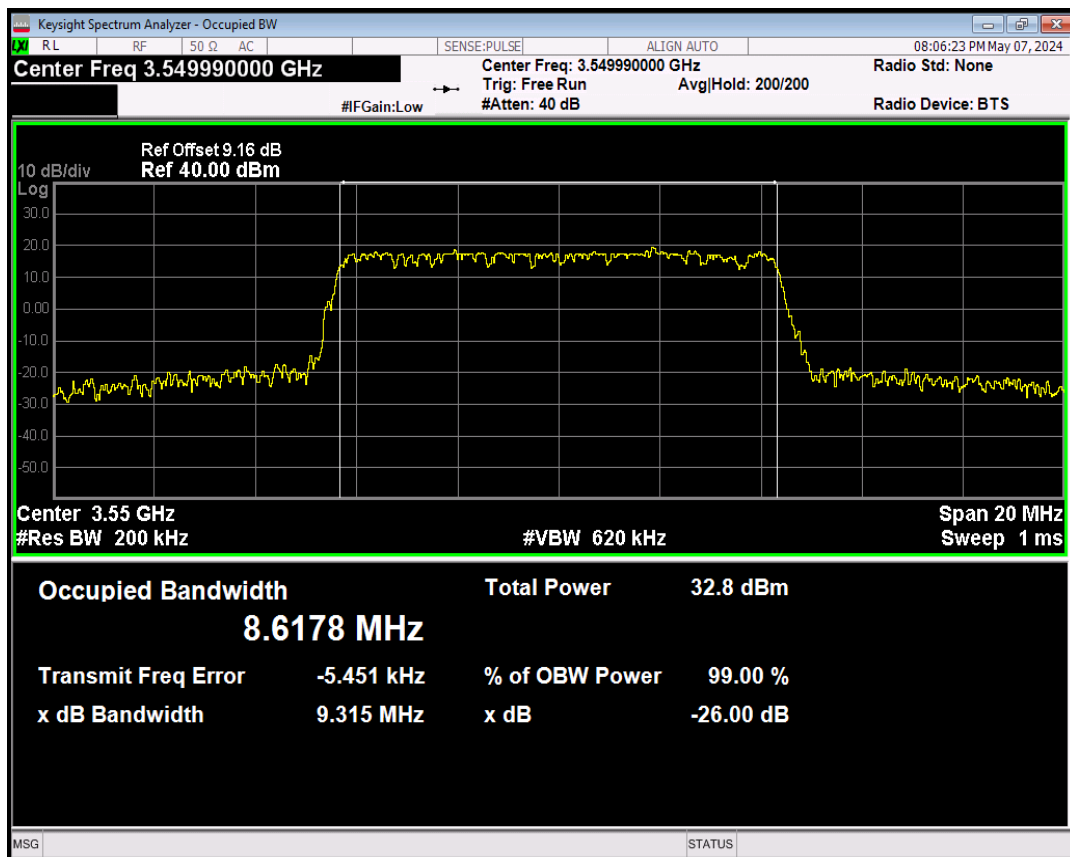
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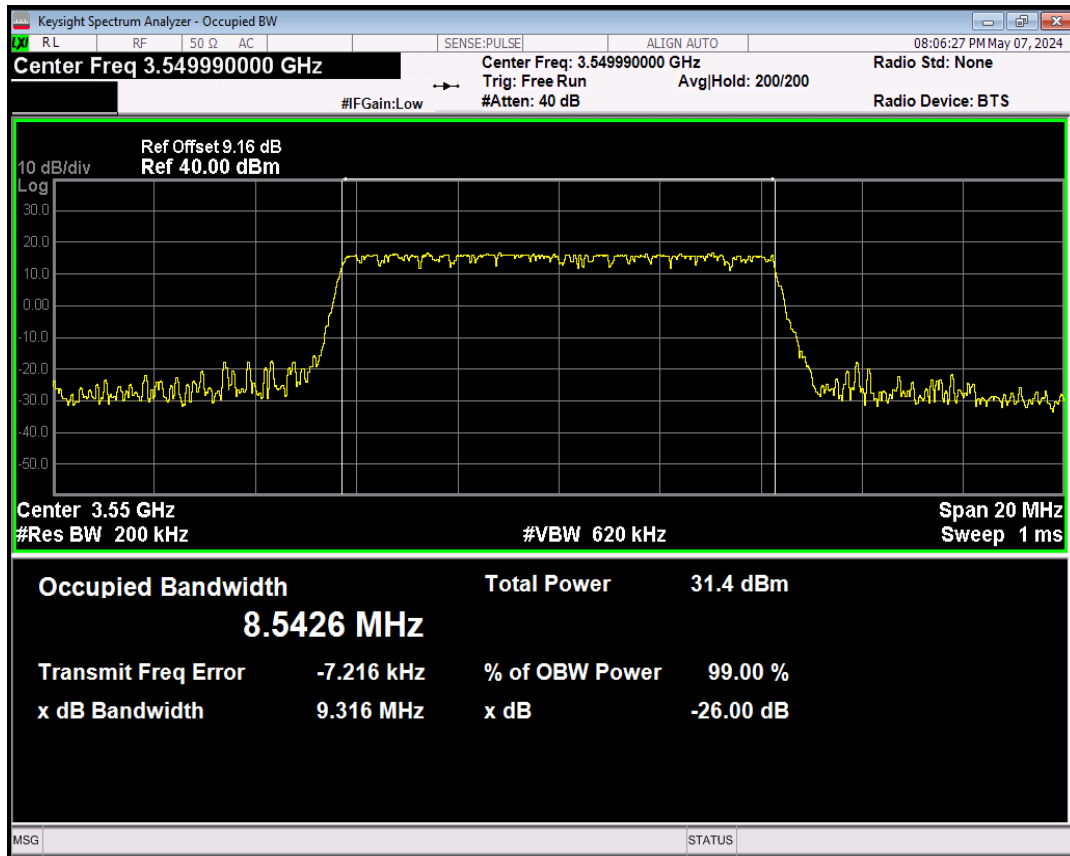
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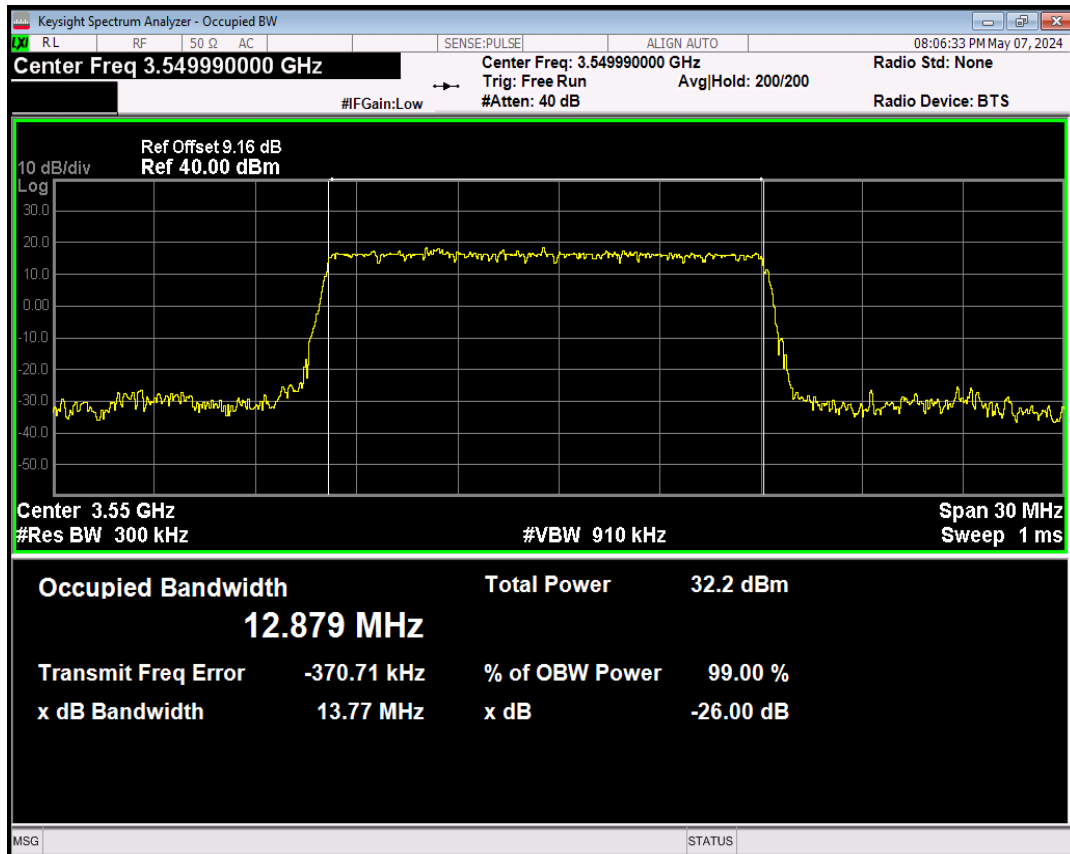
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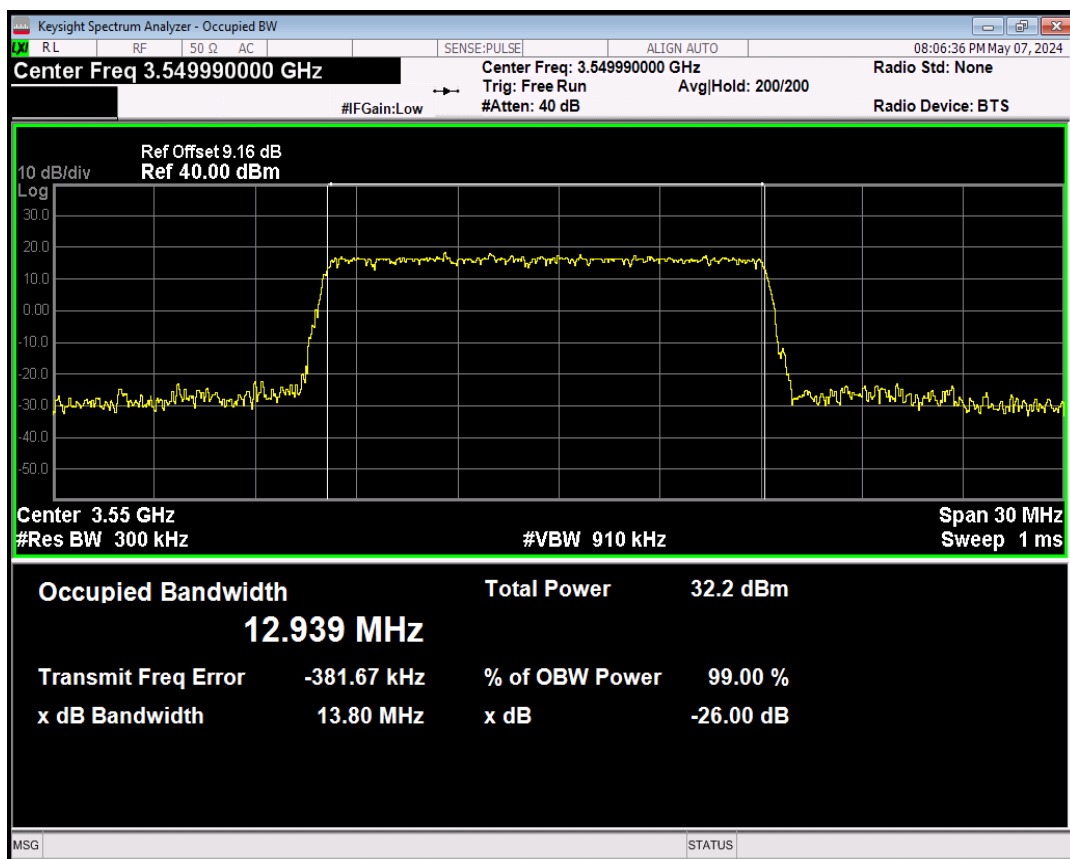
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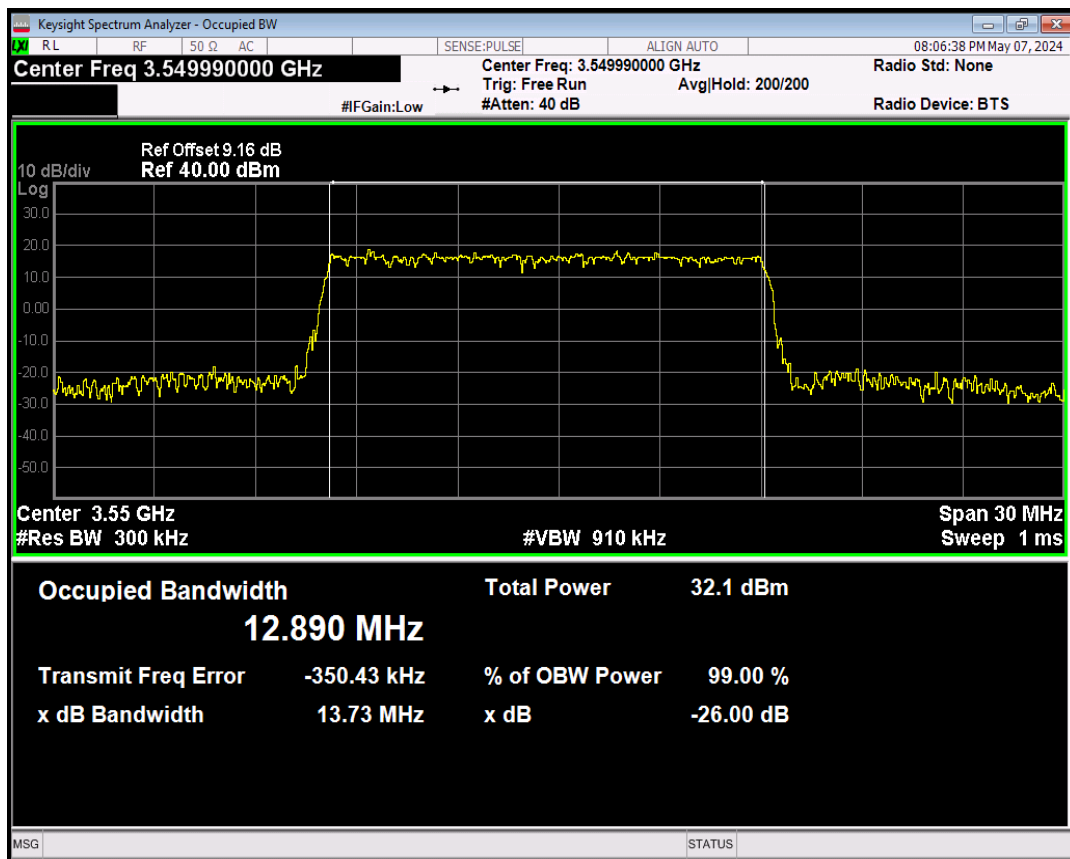
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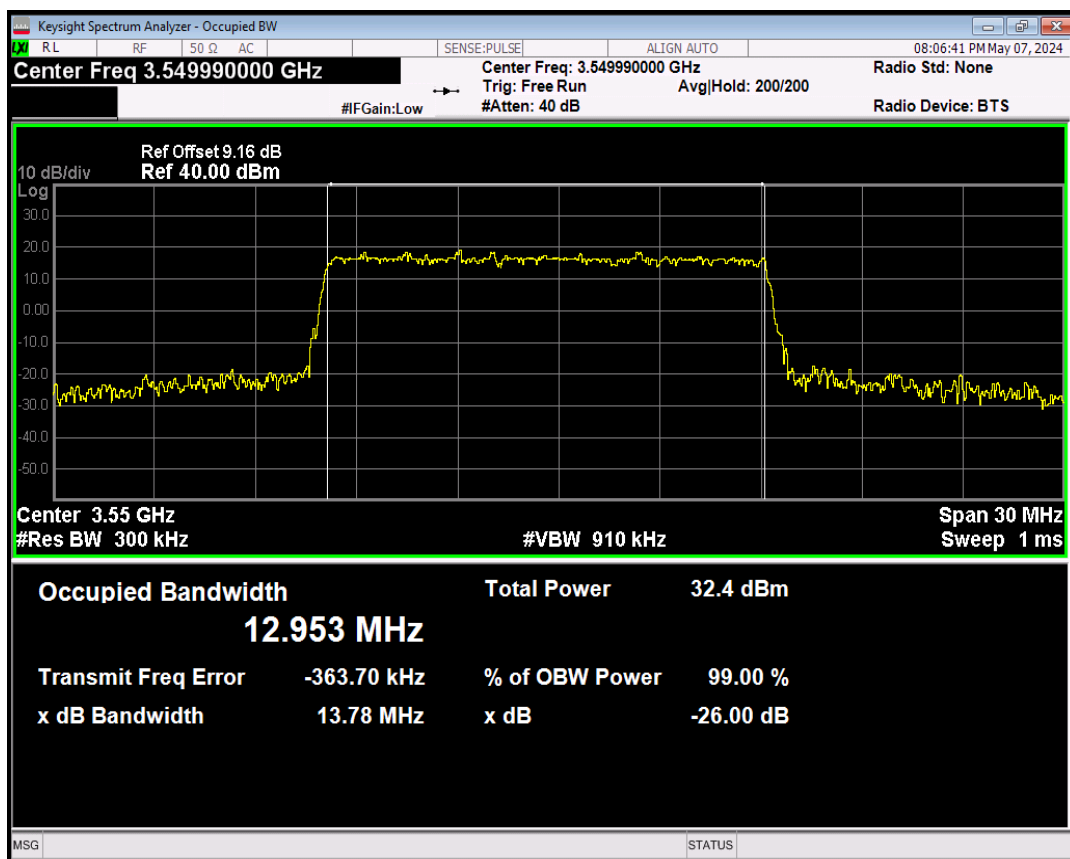
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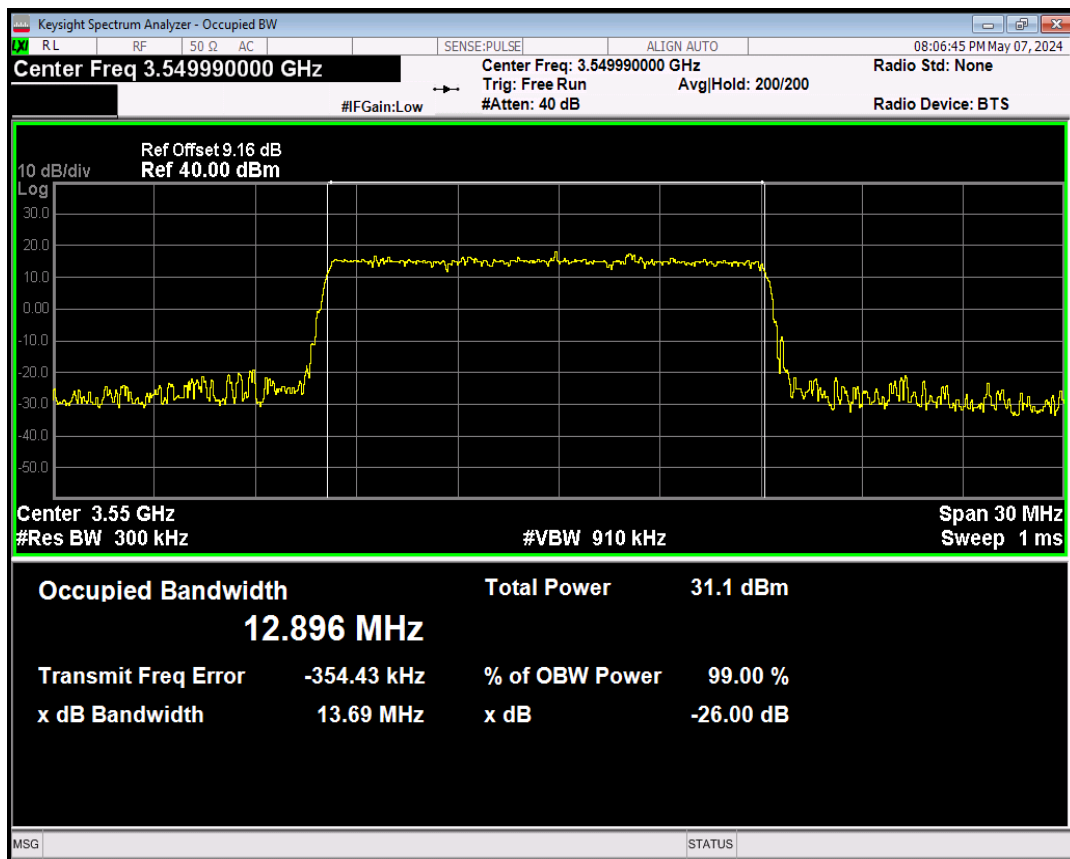
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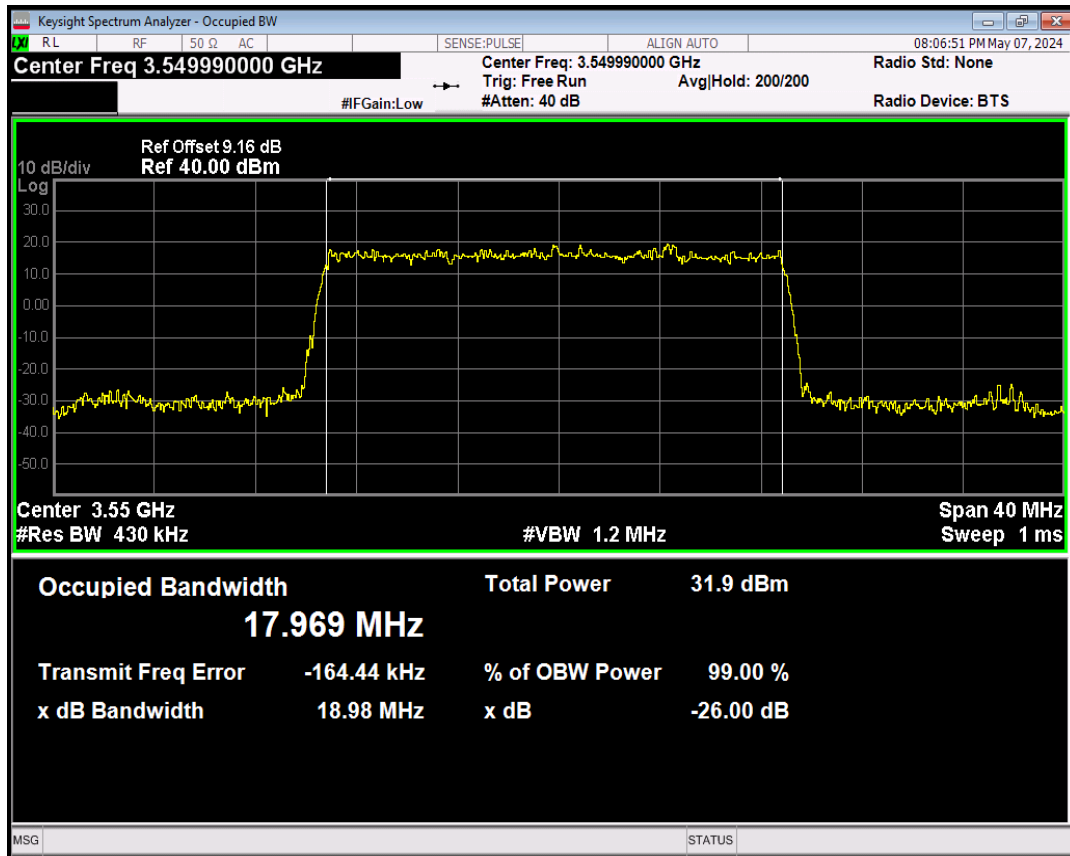
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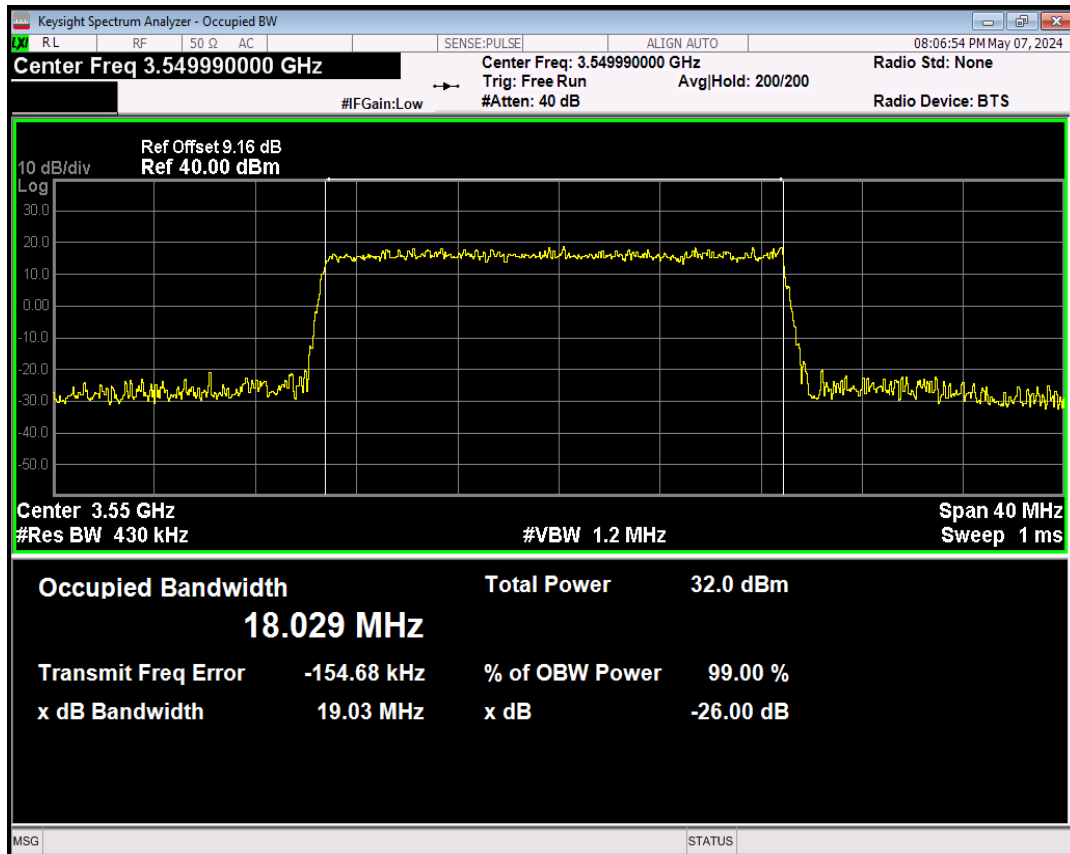
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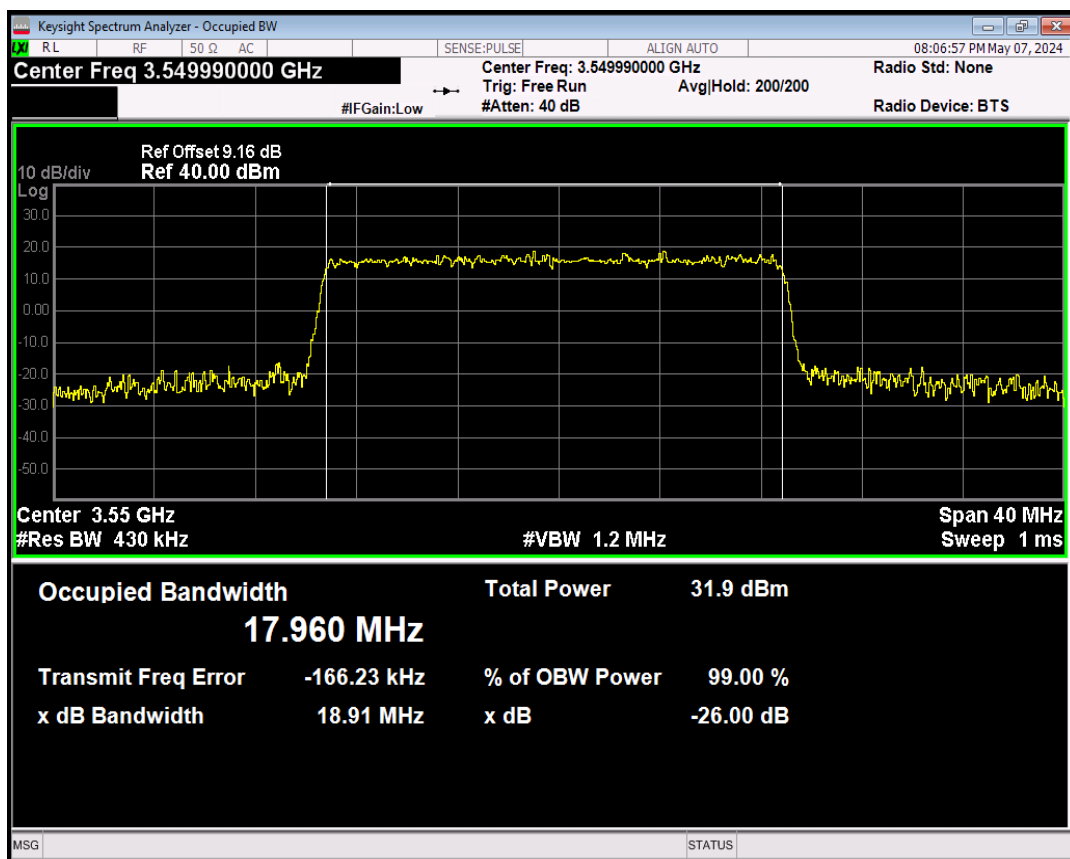
n78 SCS=30kHz DFT_BPSK BW=20MHz Channel=636666 RB=50@0



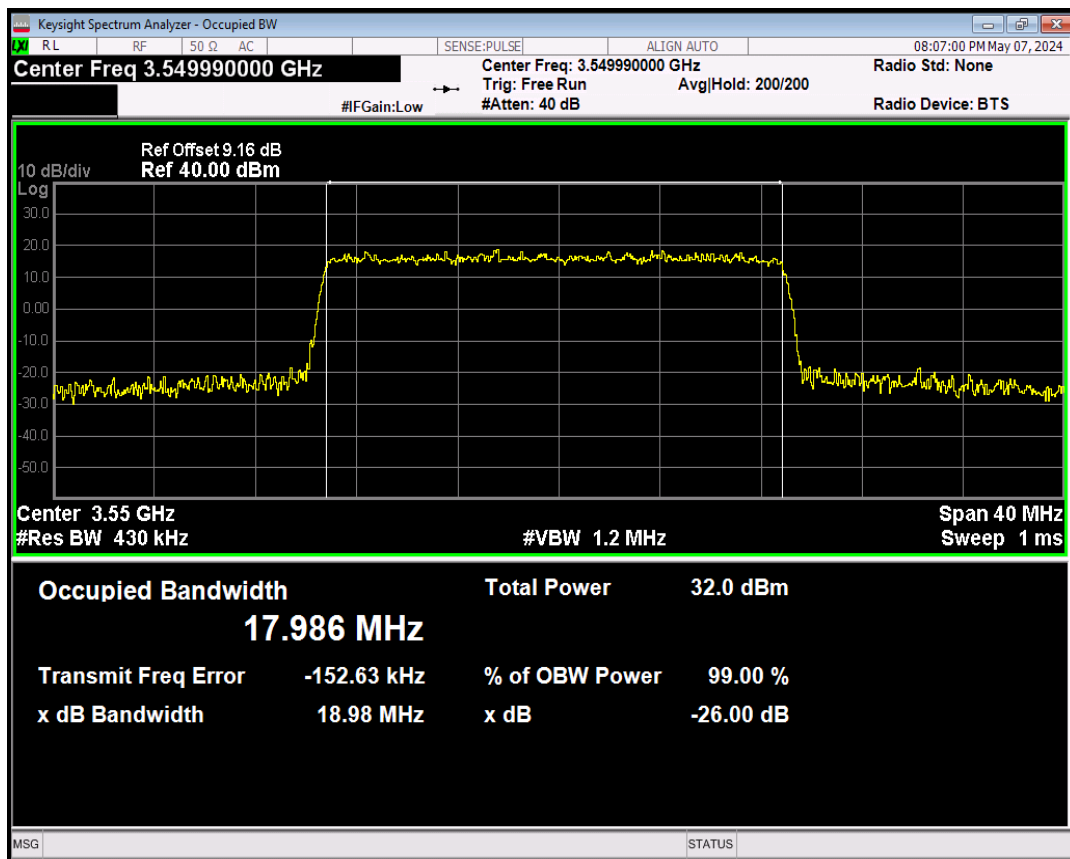
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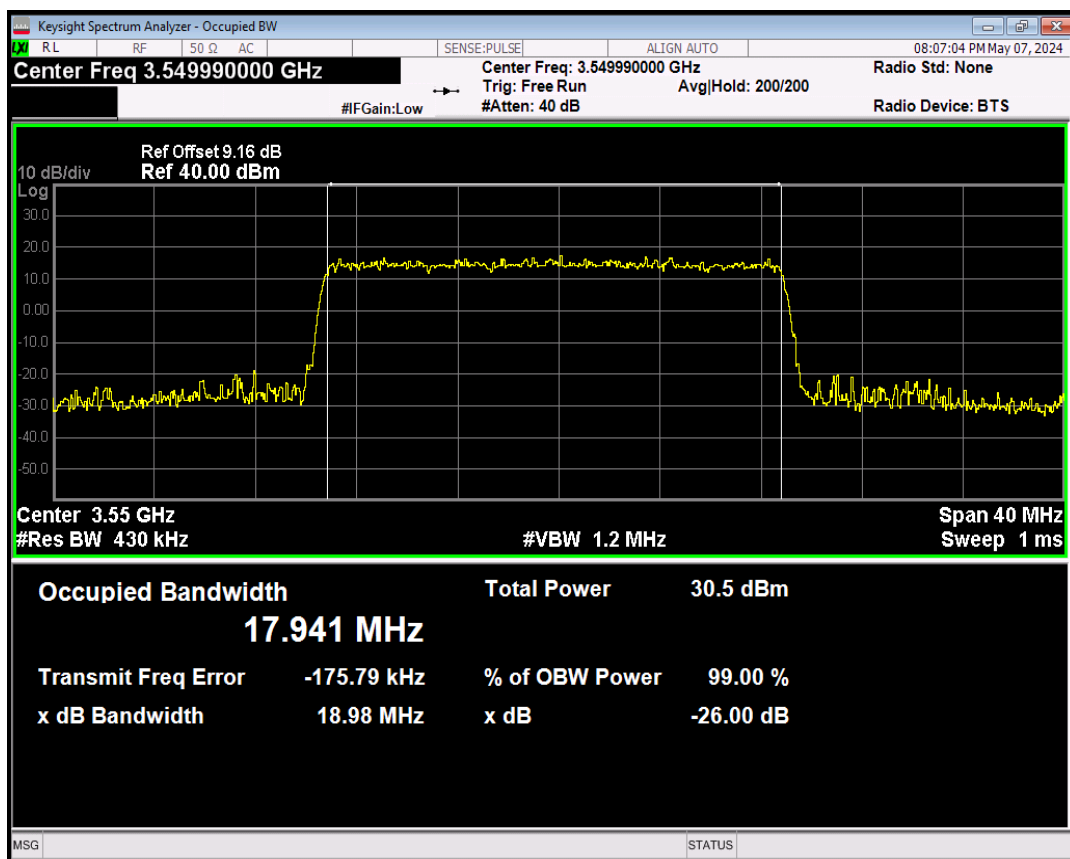
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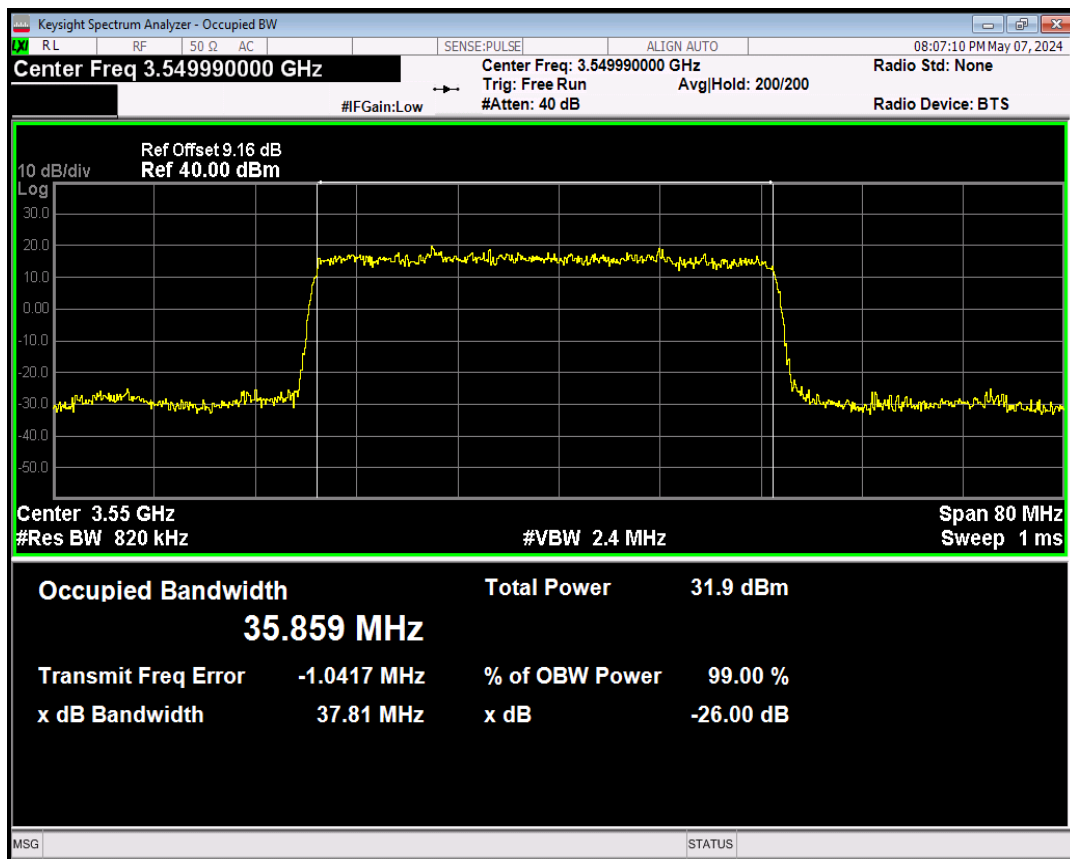
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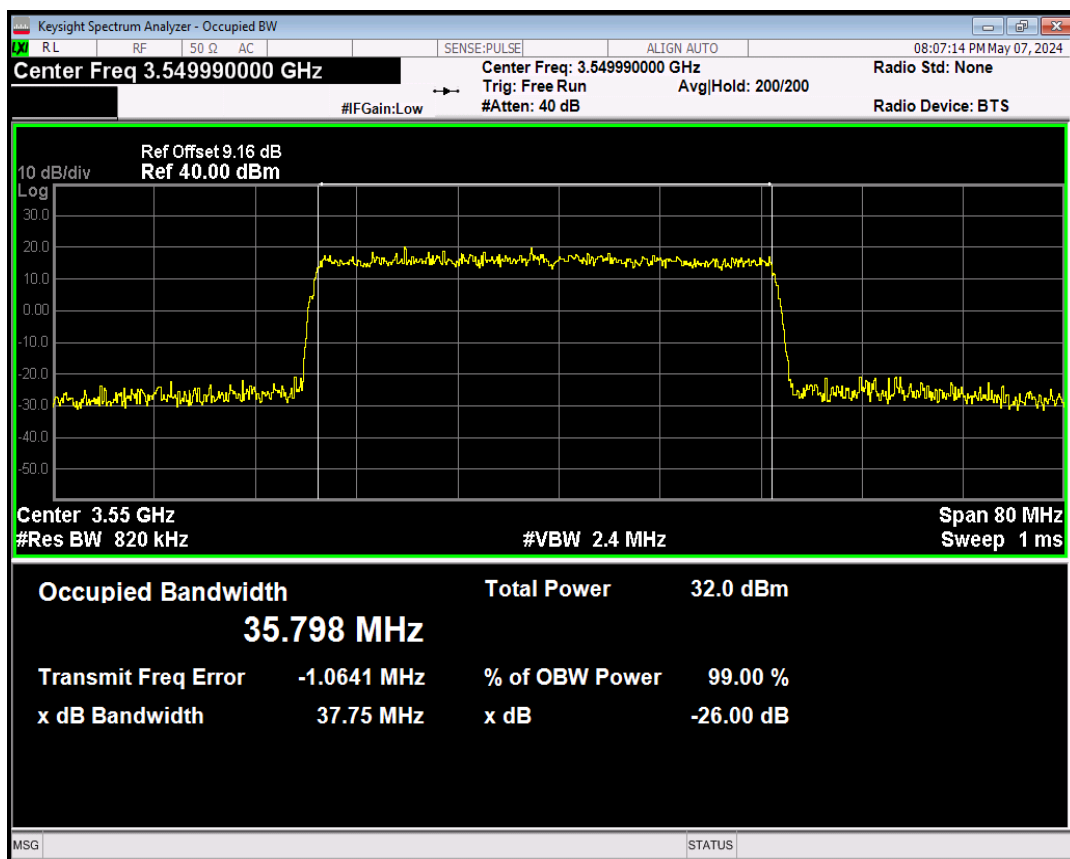
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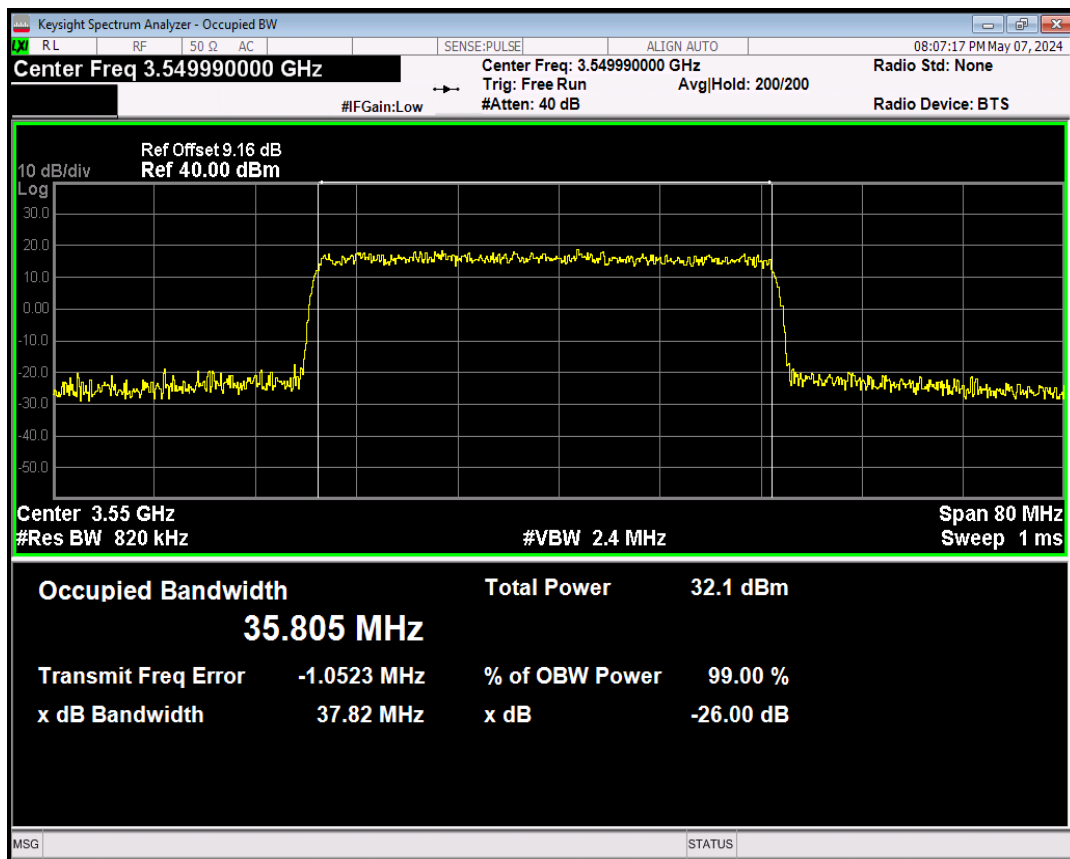
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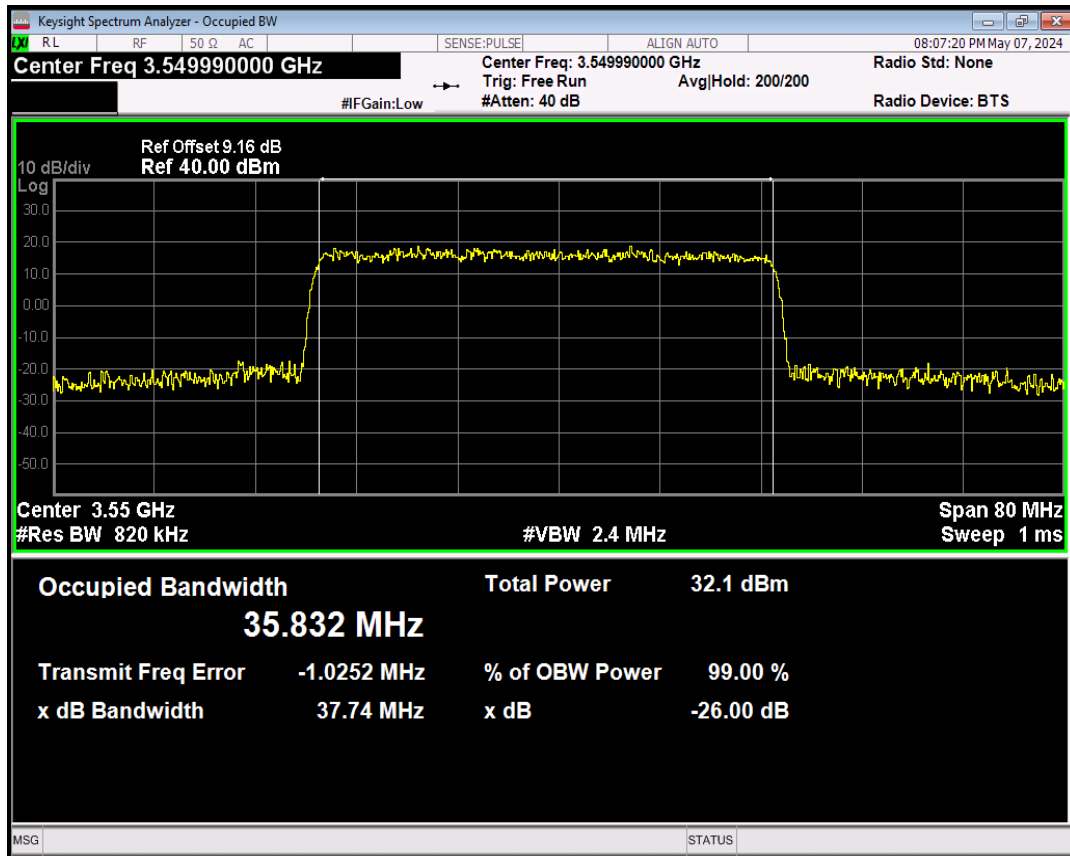
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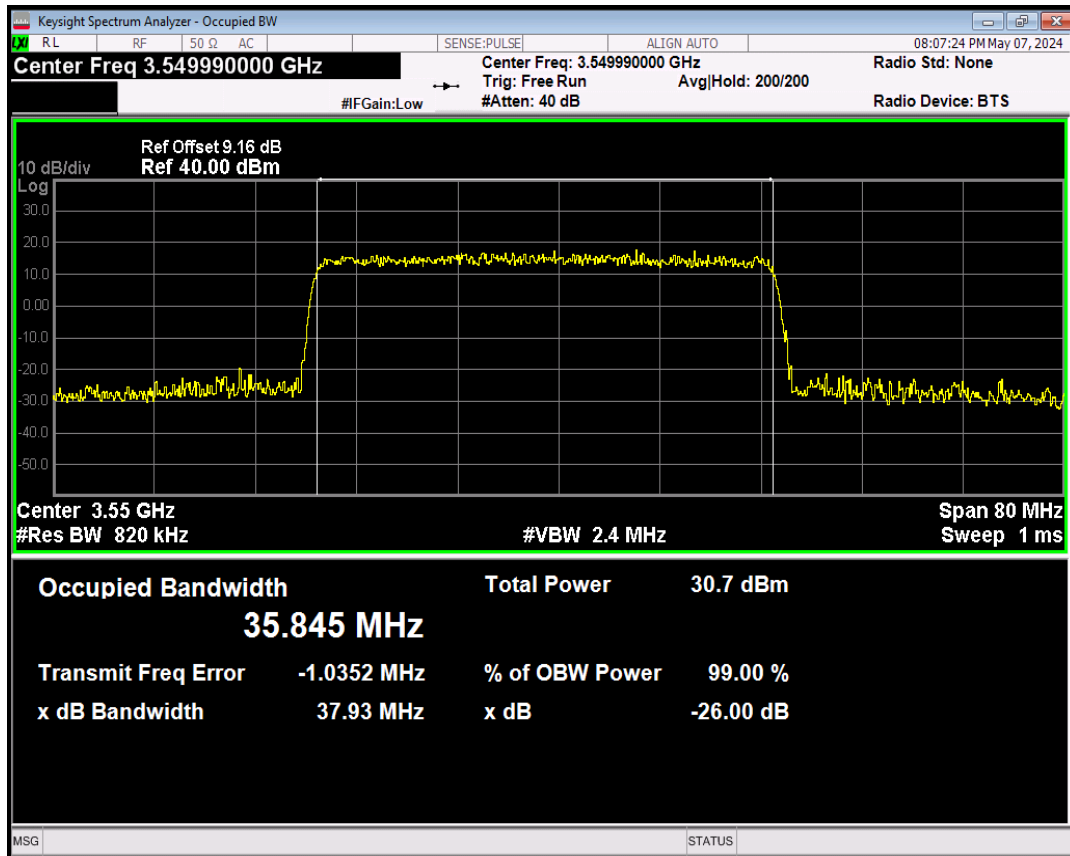
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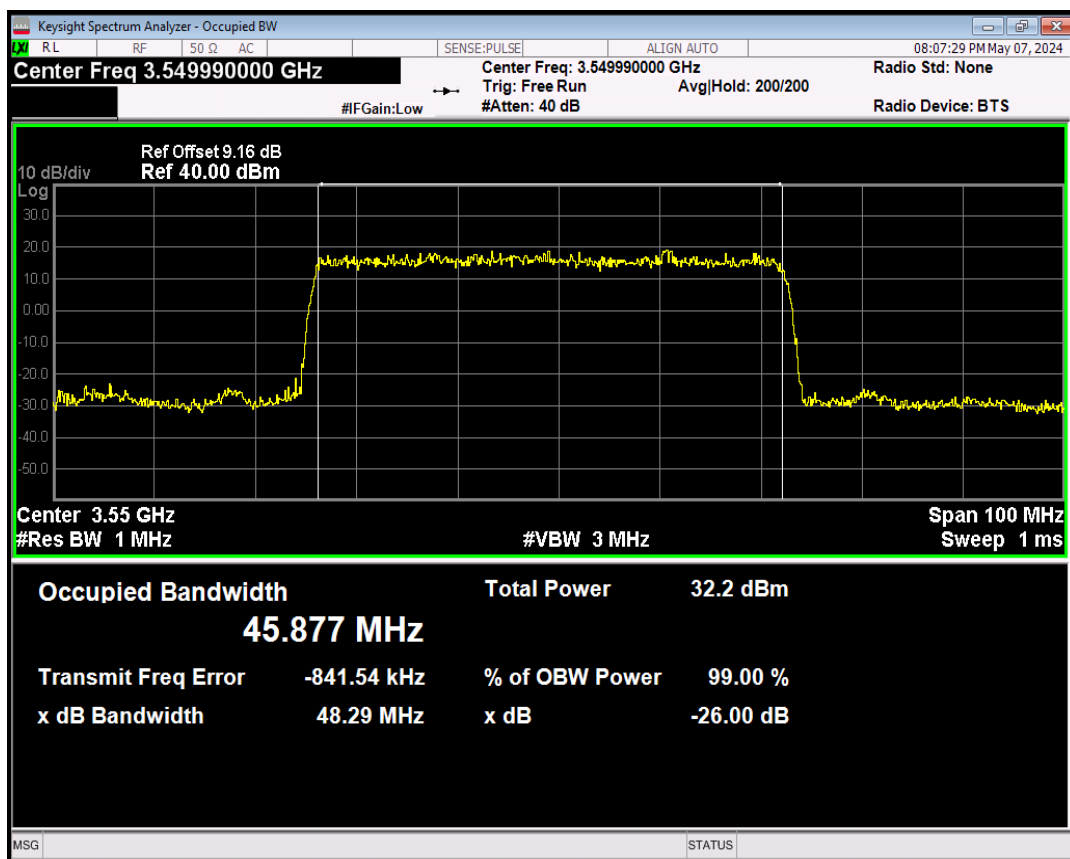
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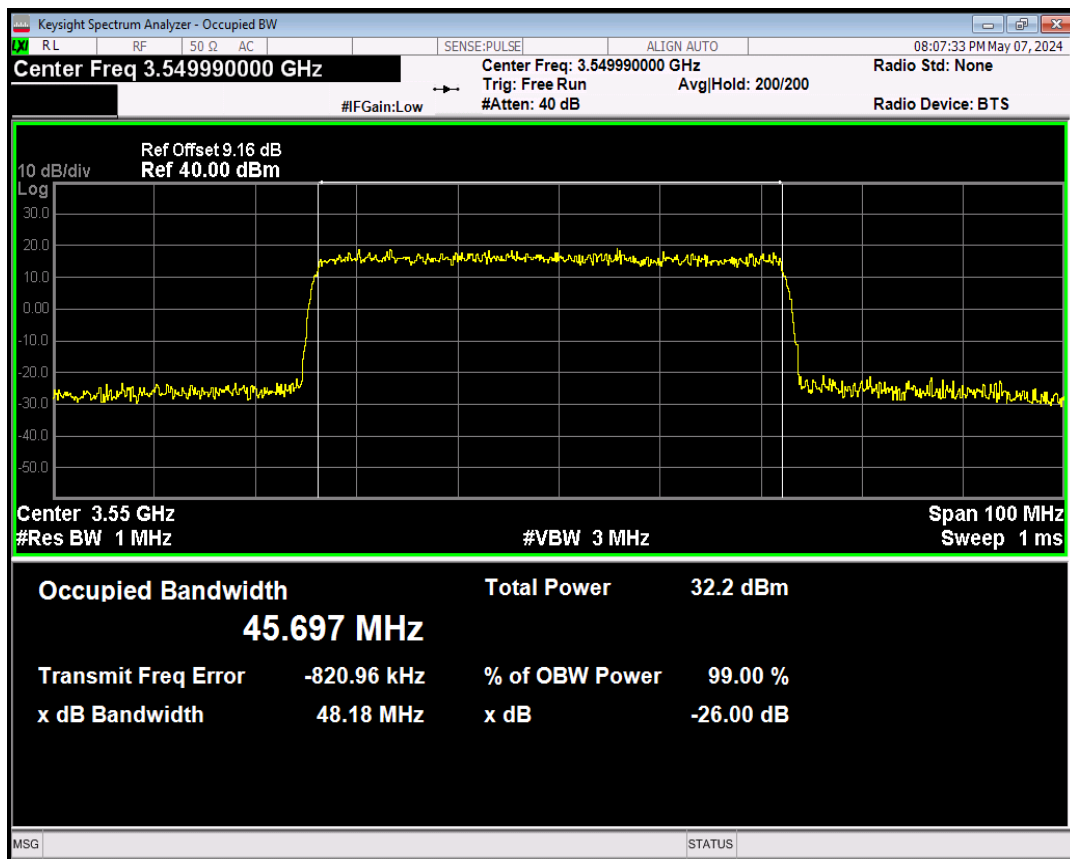
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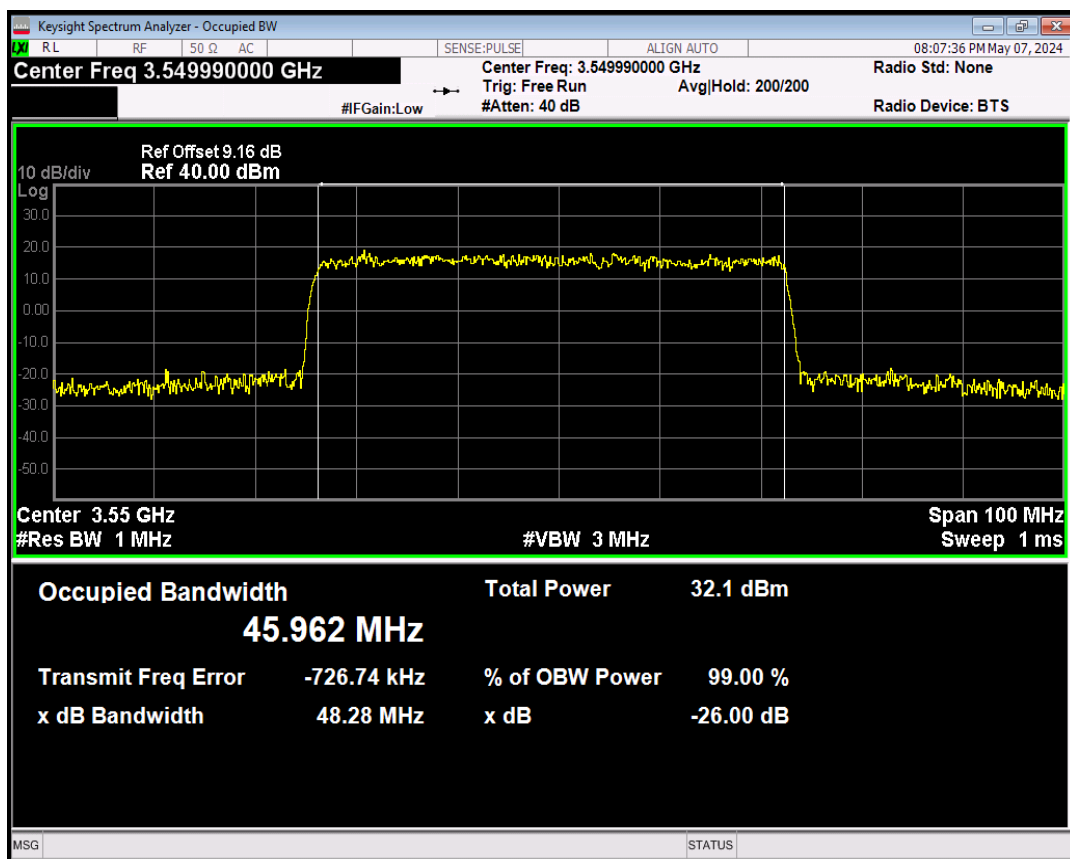
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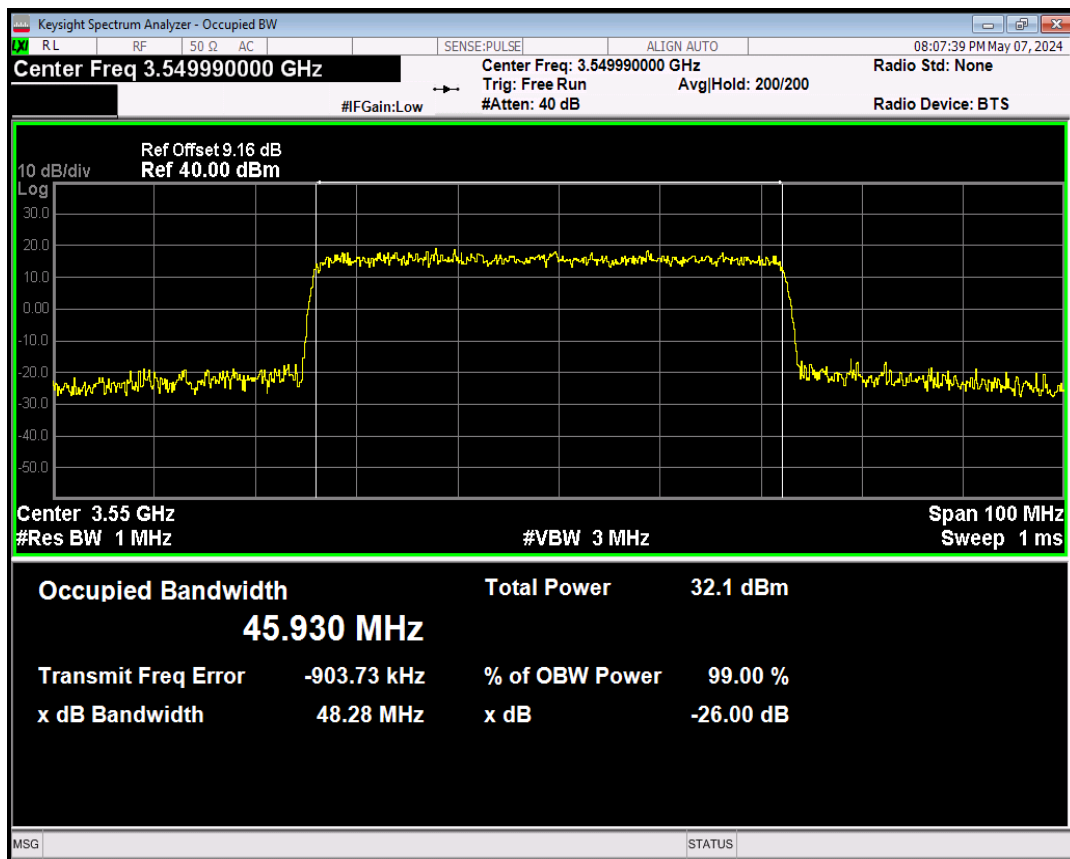
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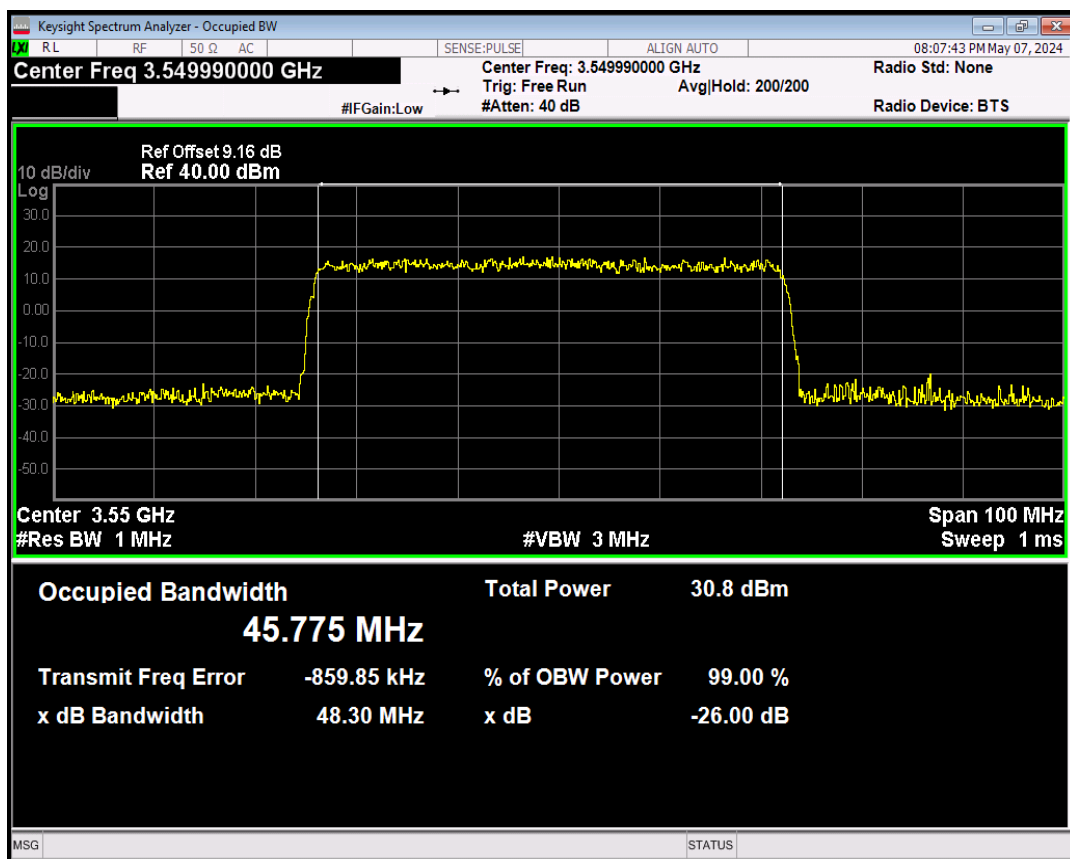
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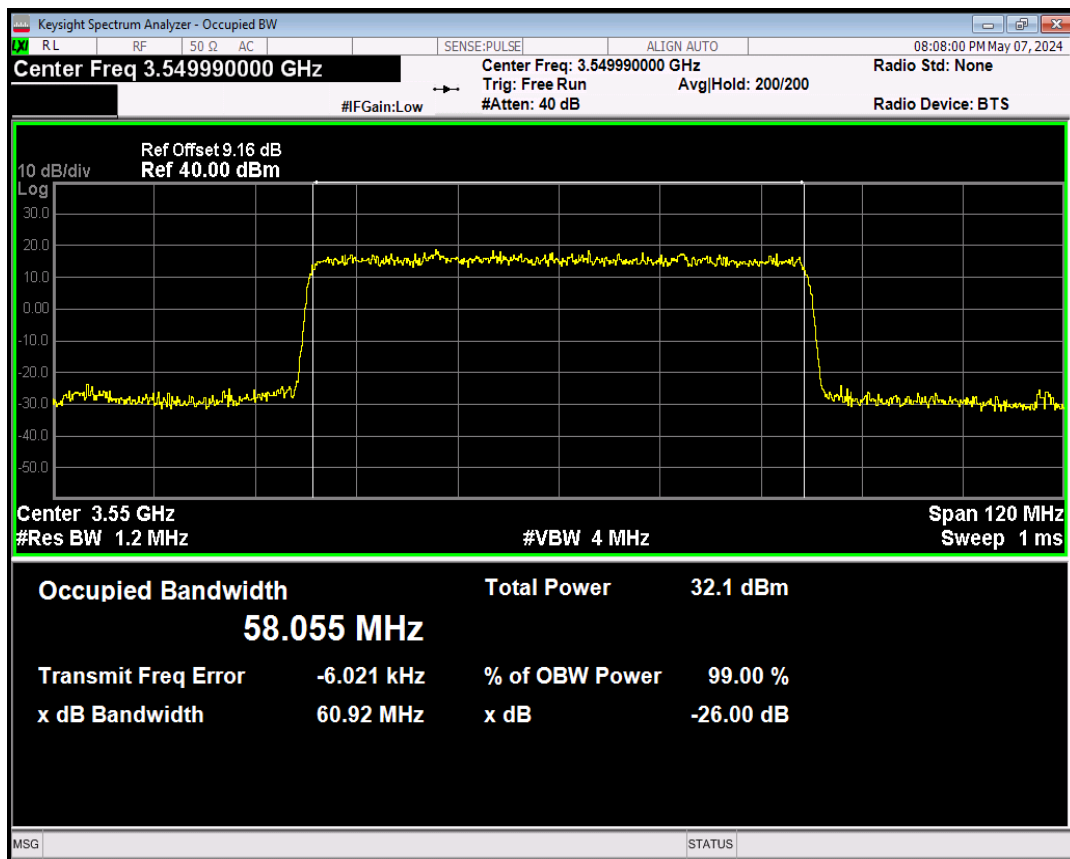
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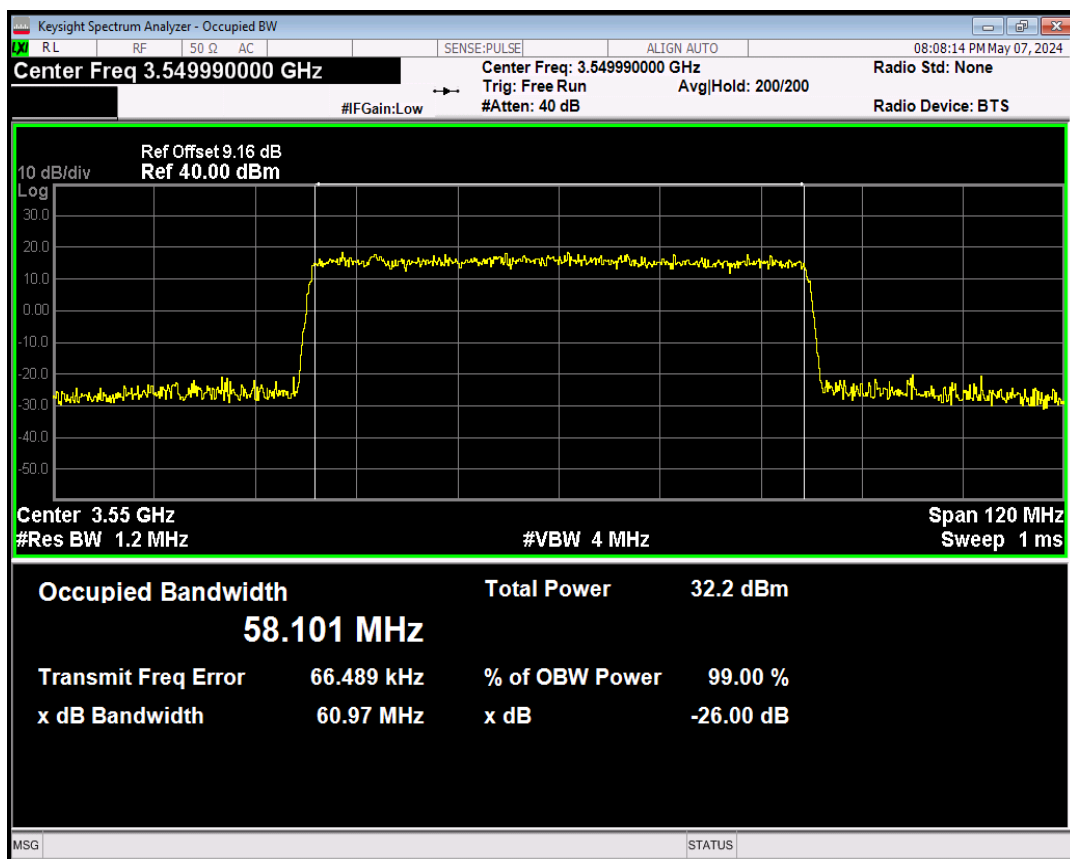
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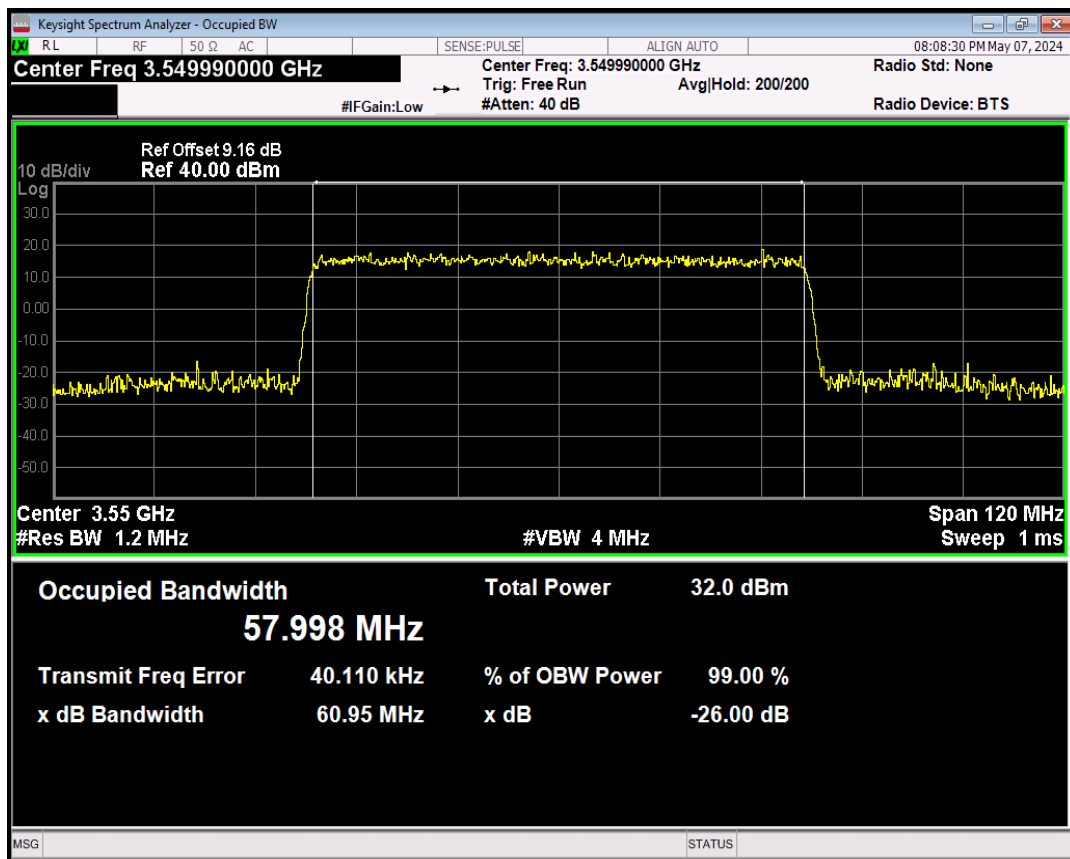
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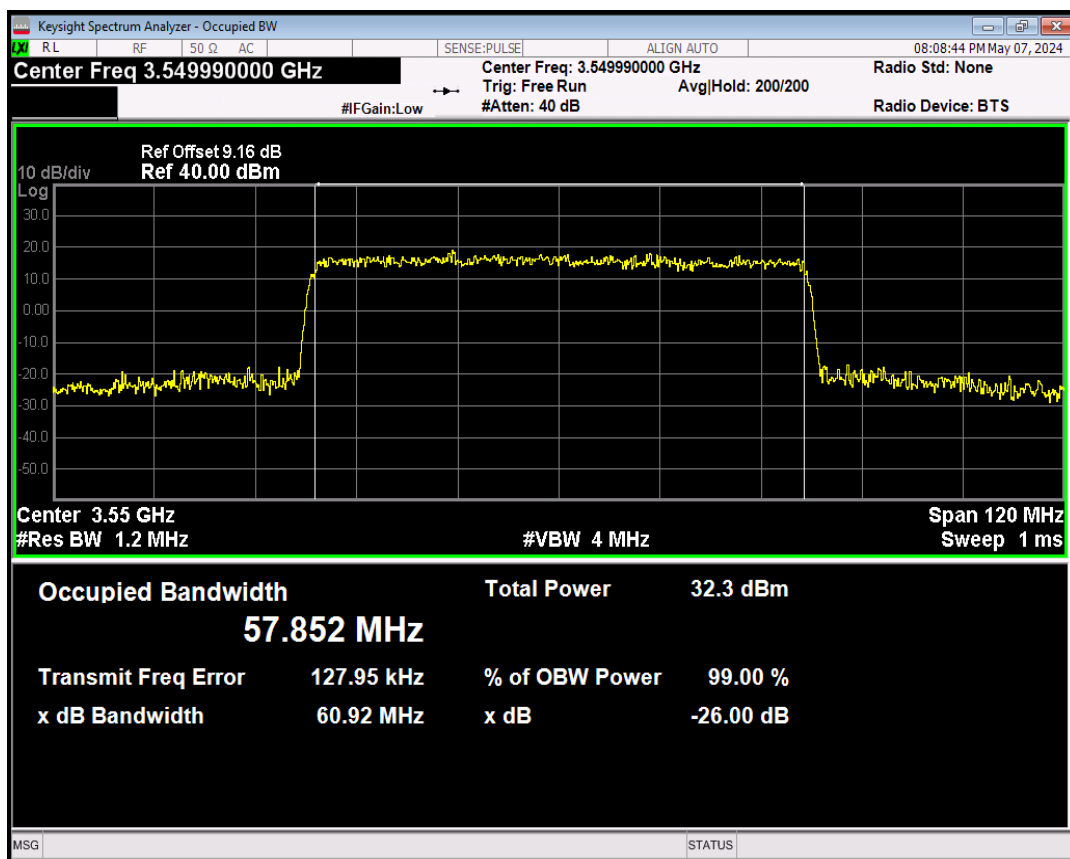
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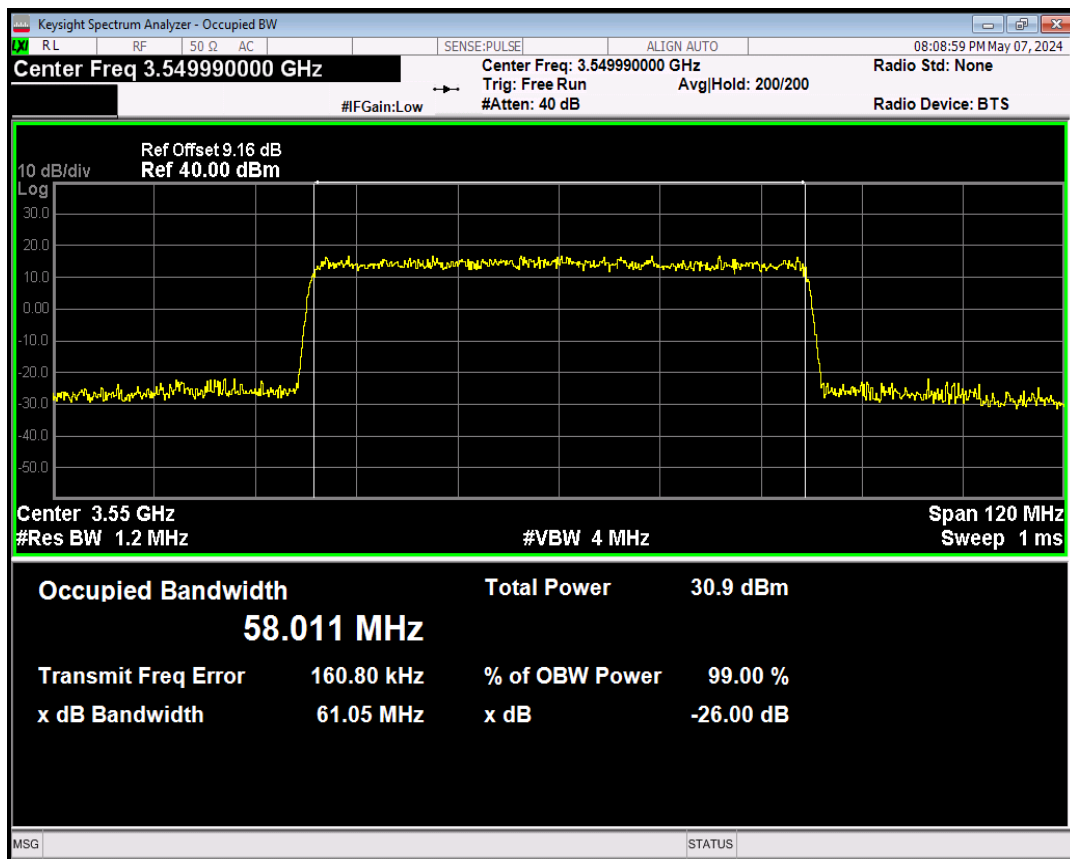
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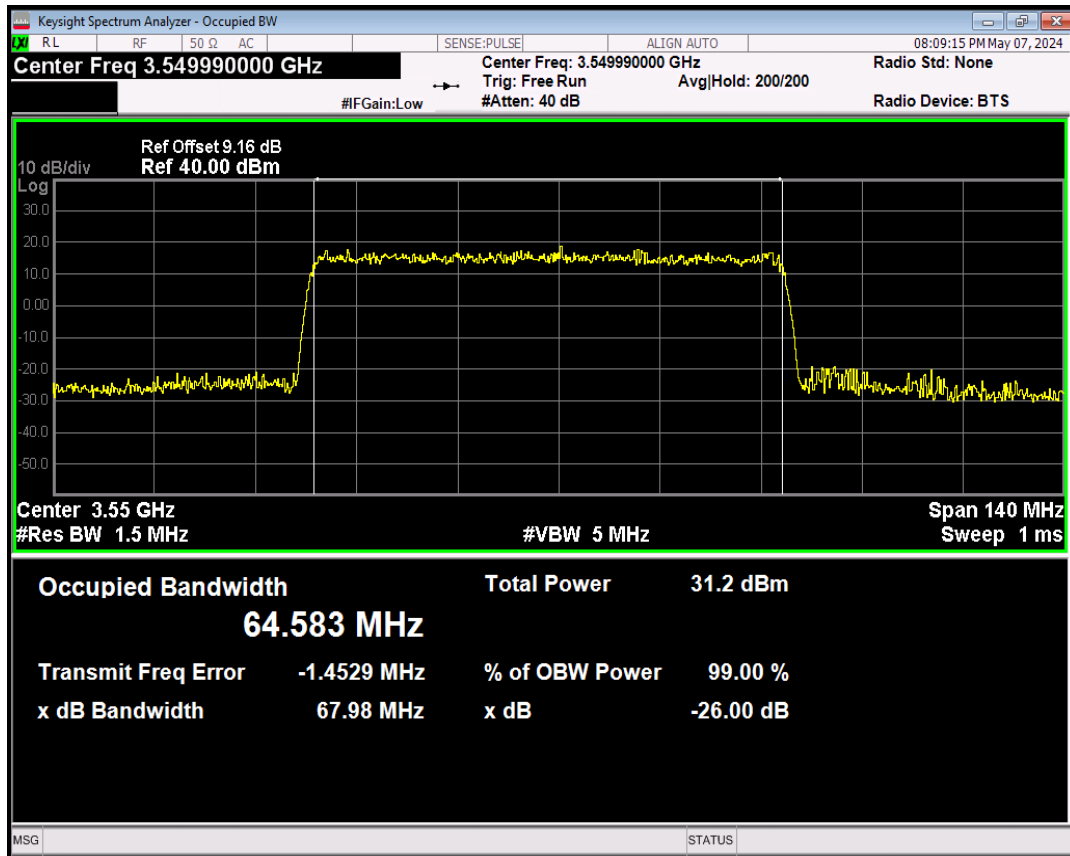
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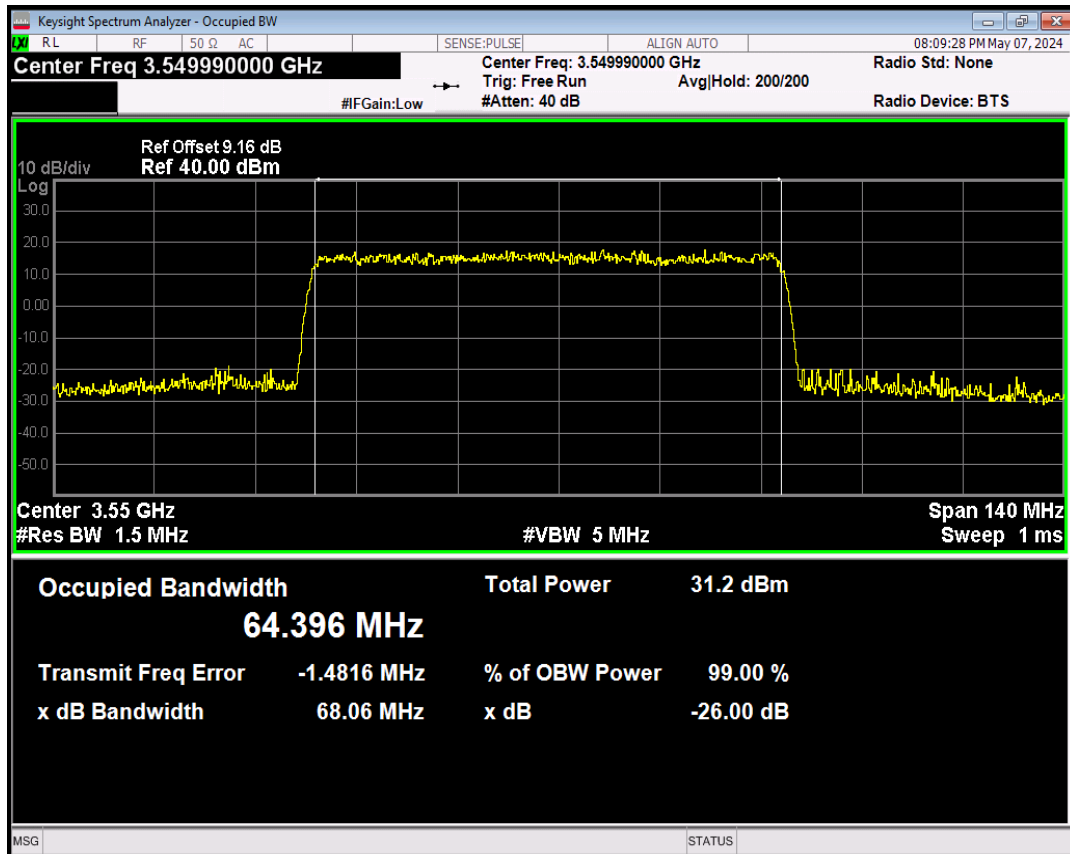
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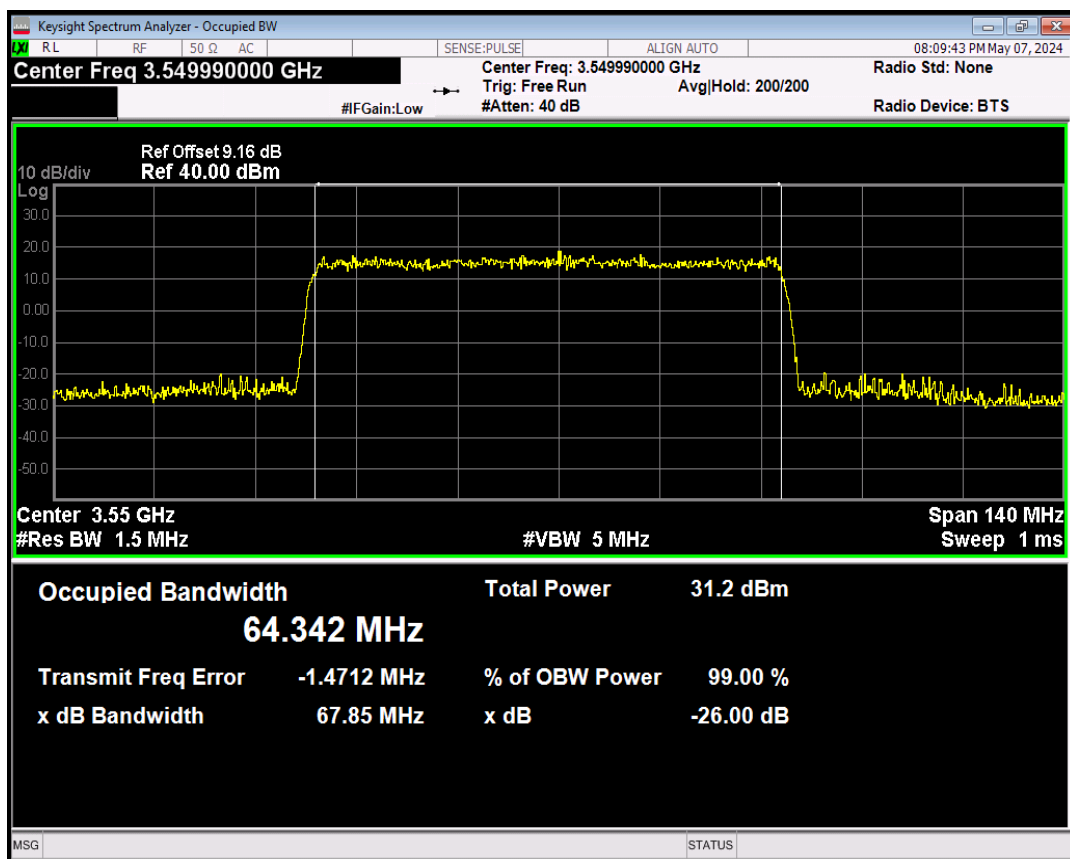
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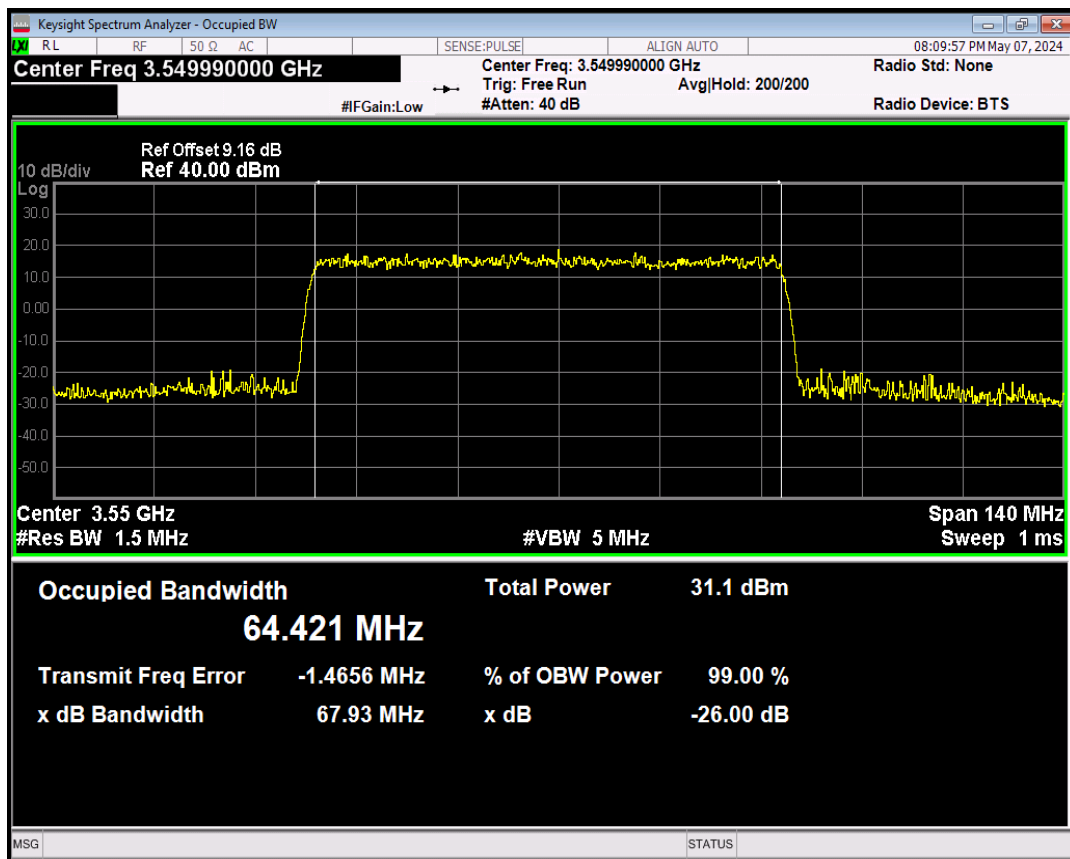
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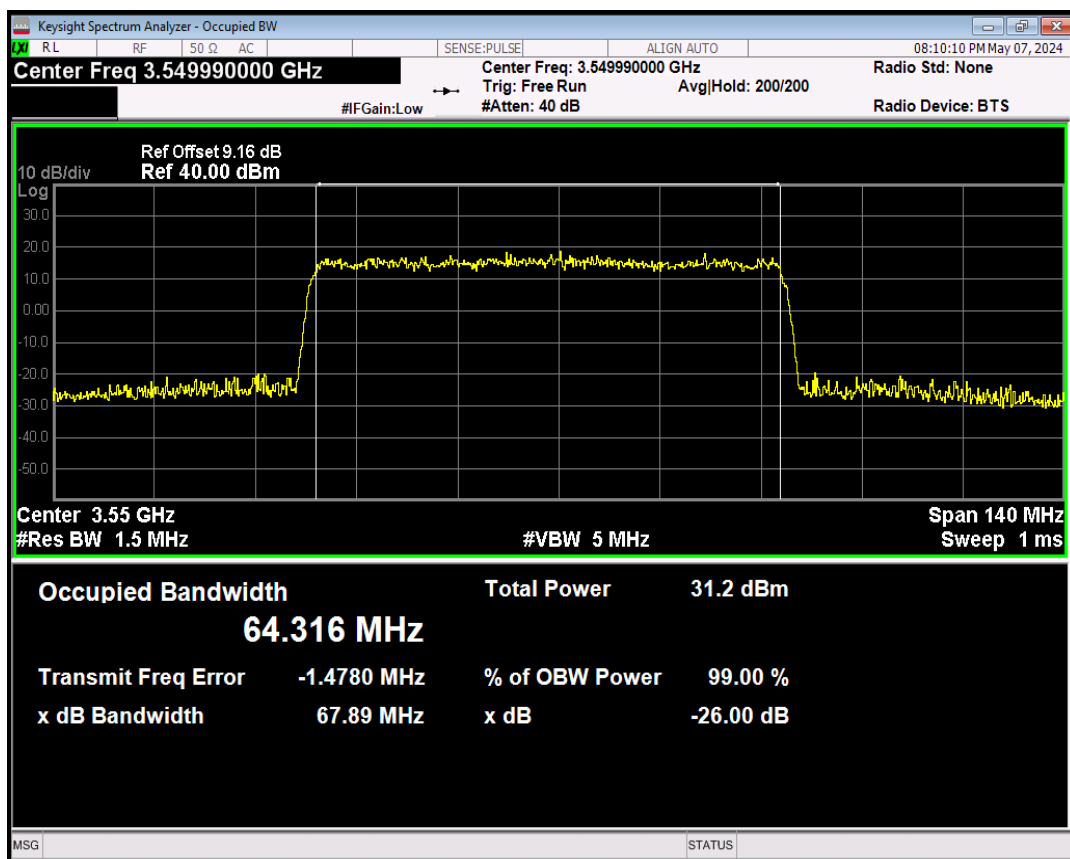
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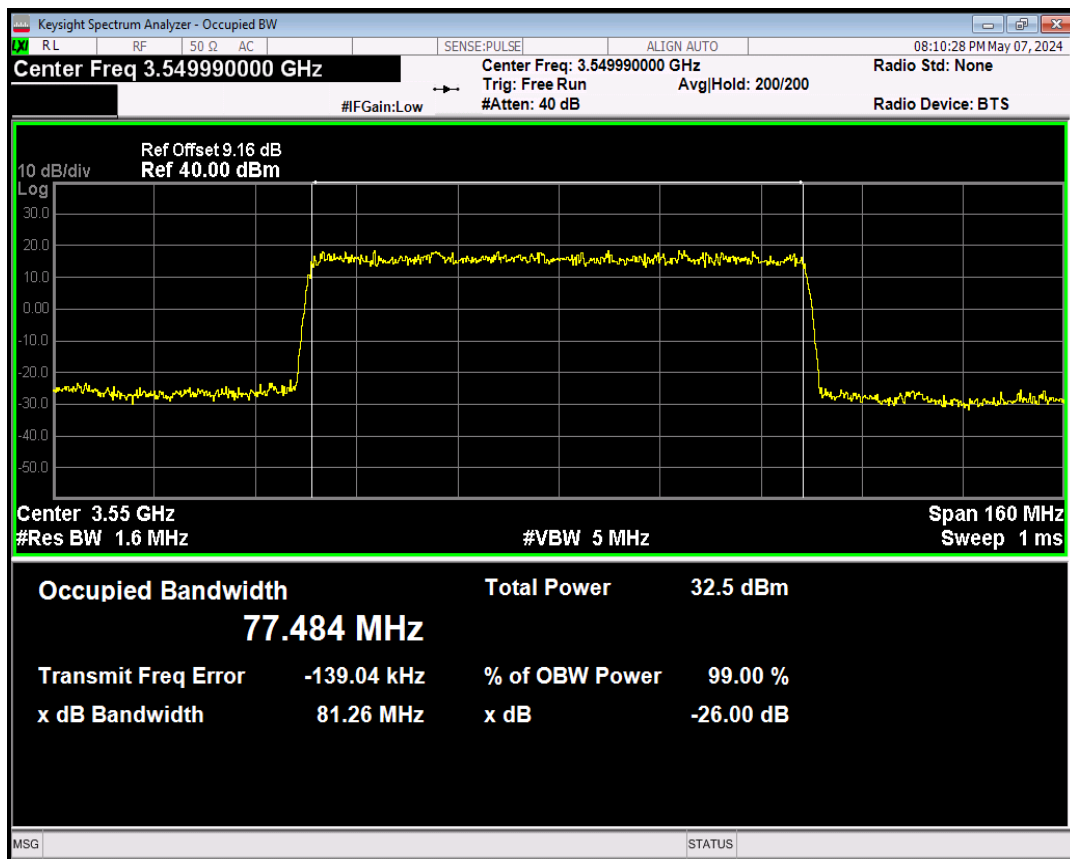
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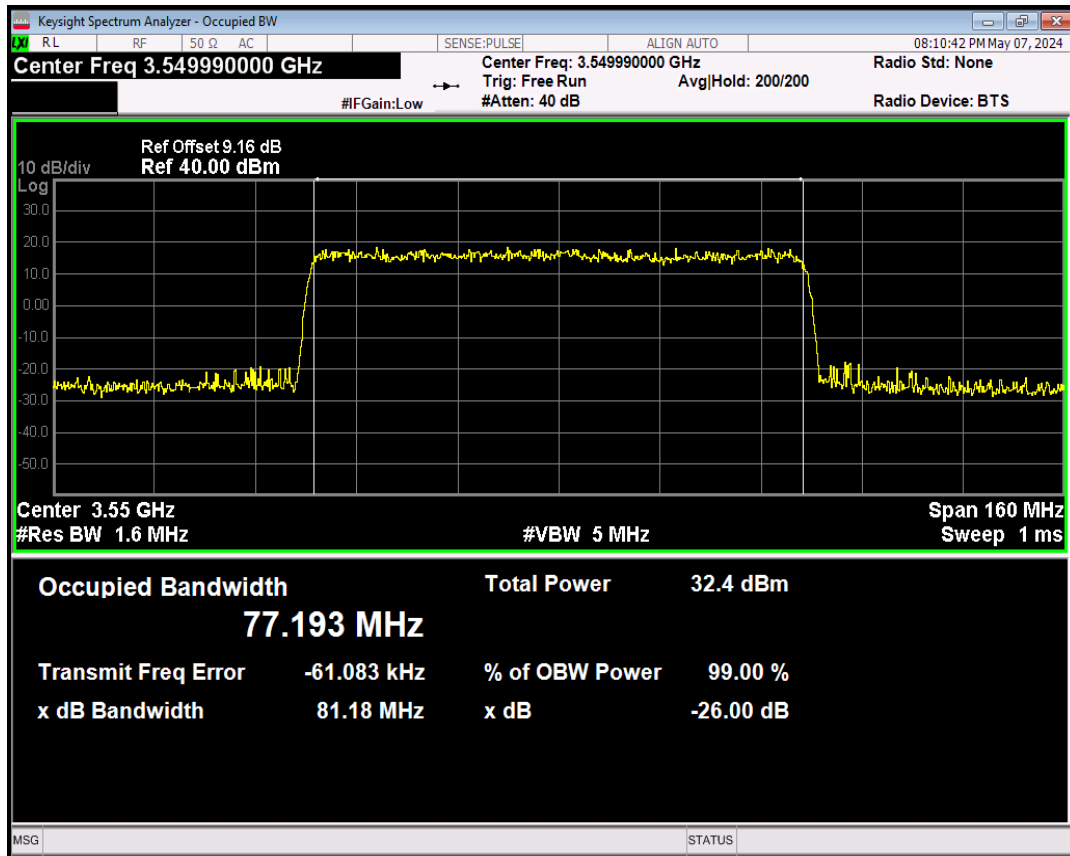
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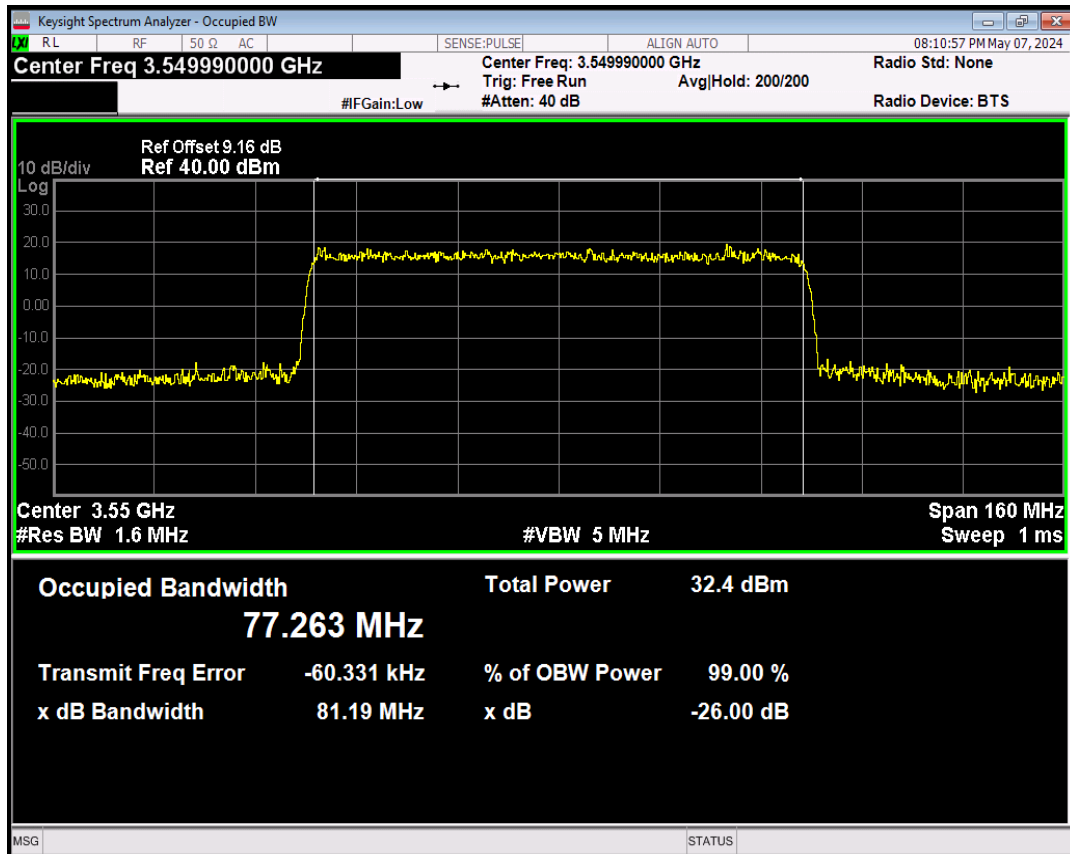
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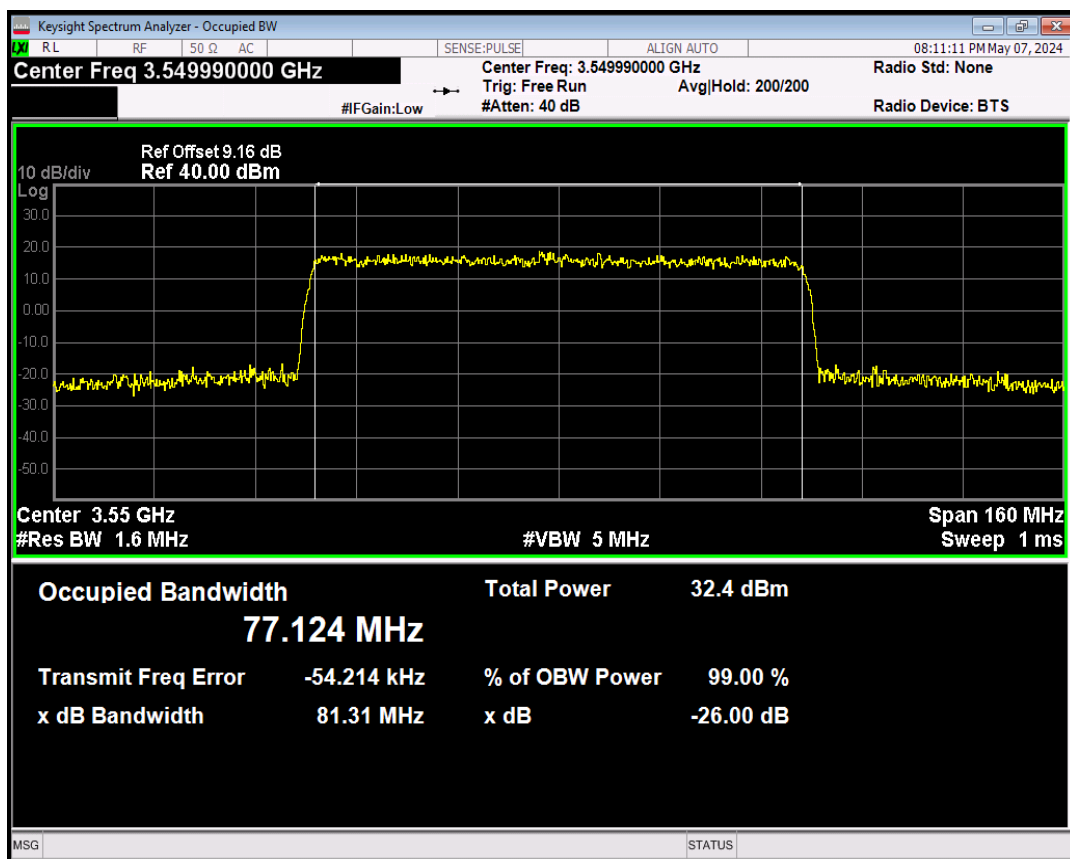
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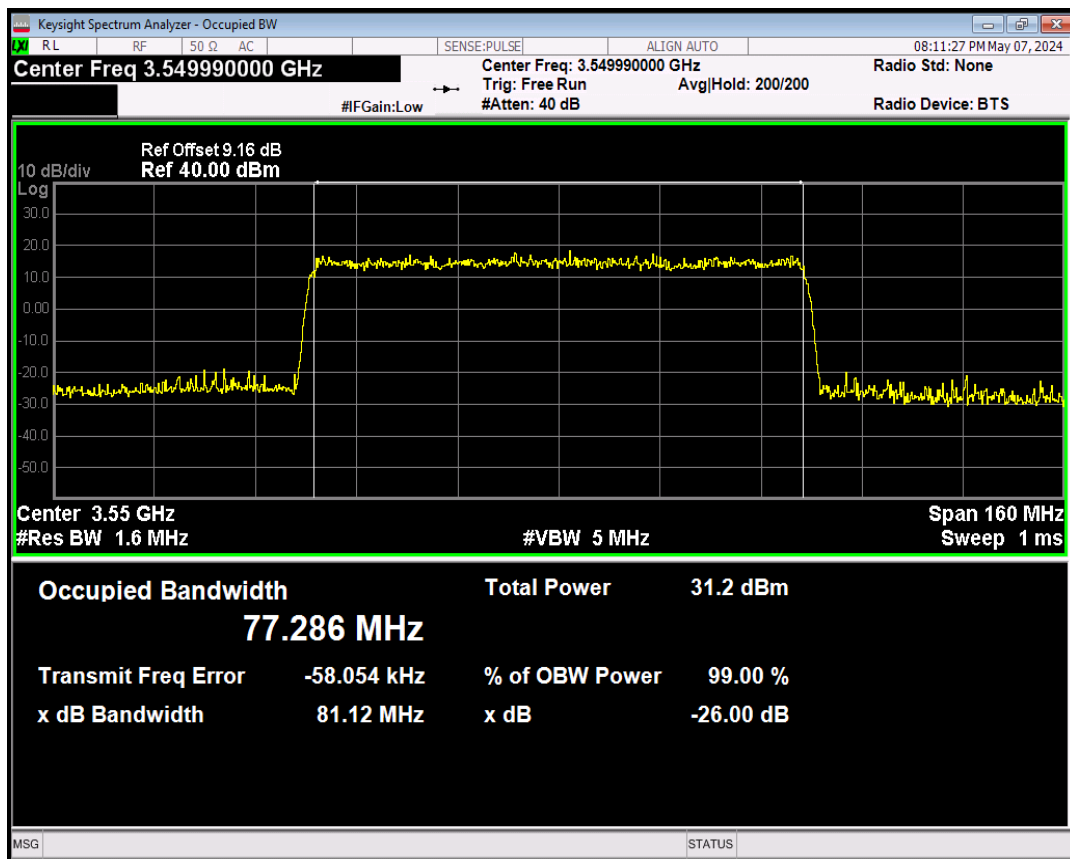
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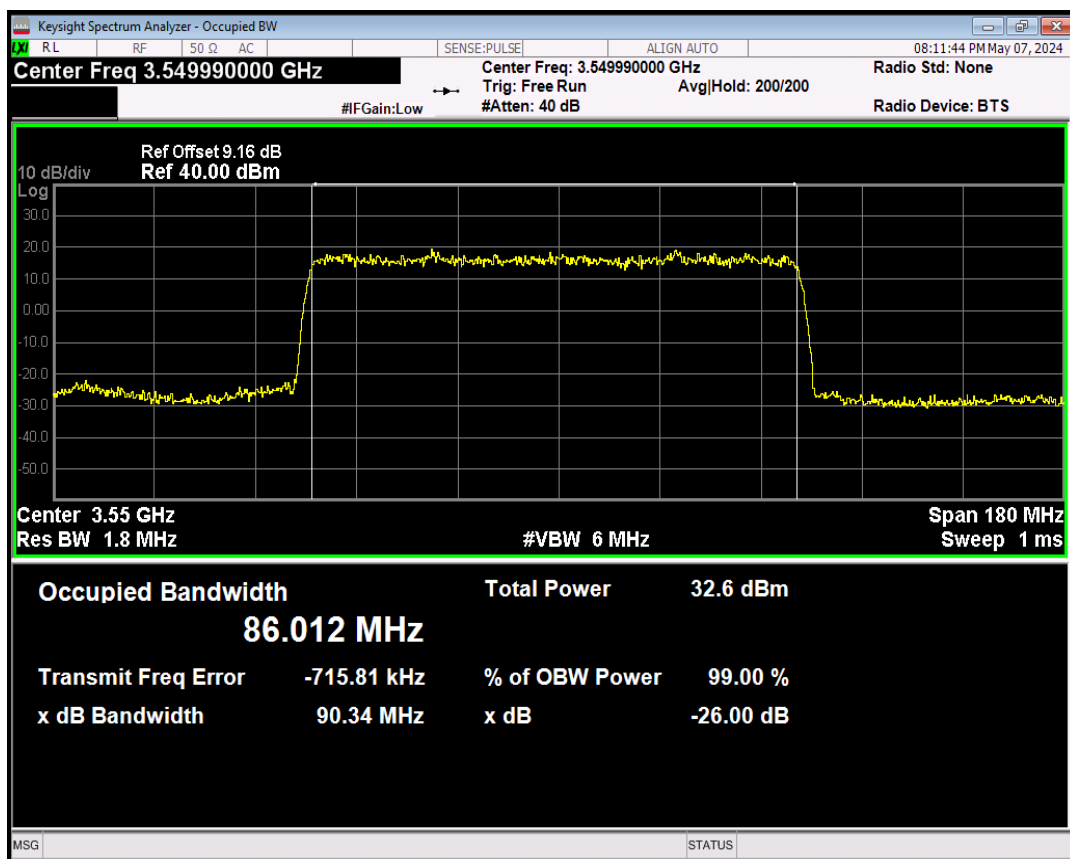
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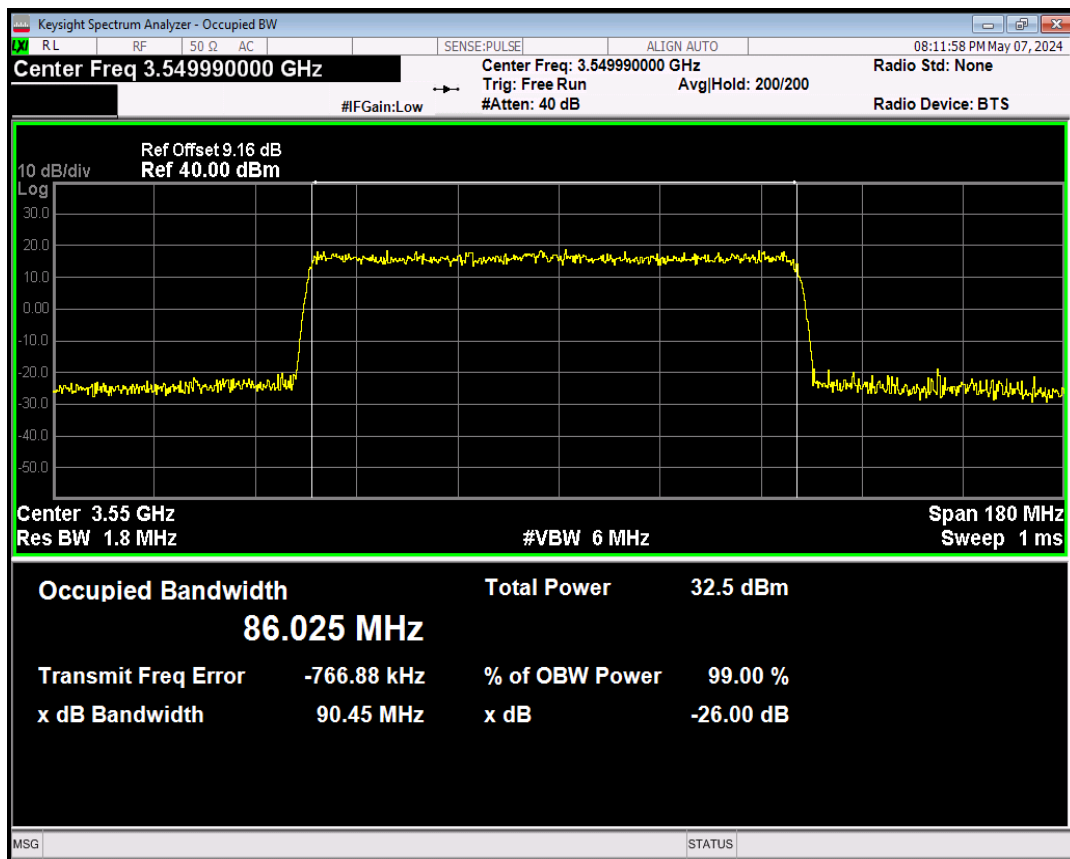
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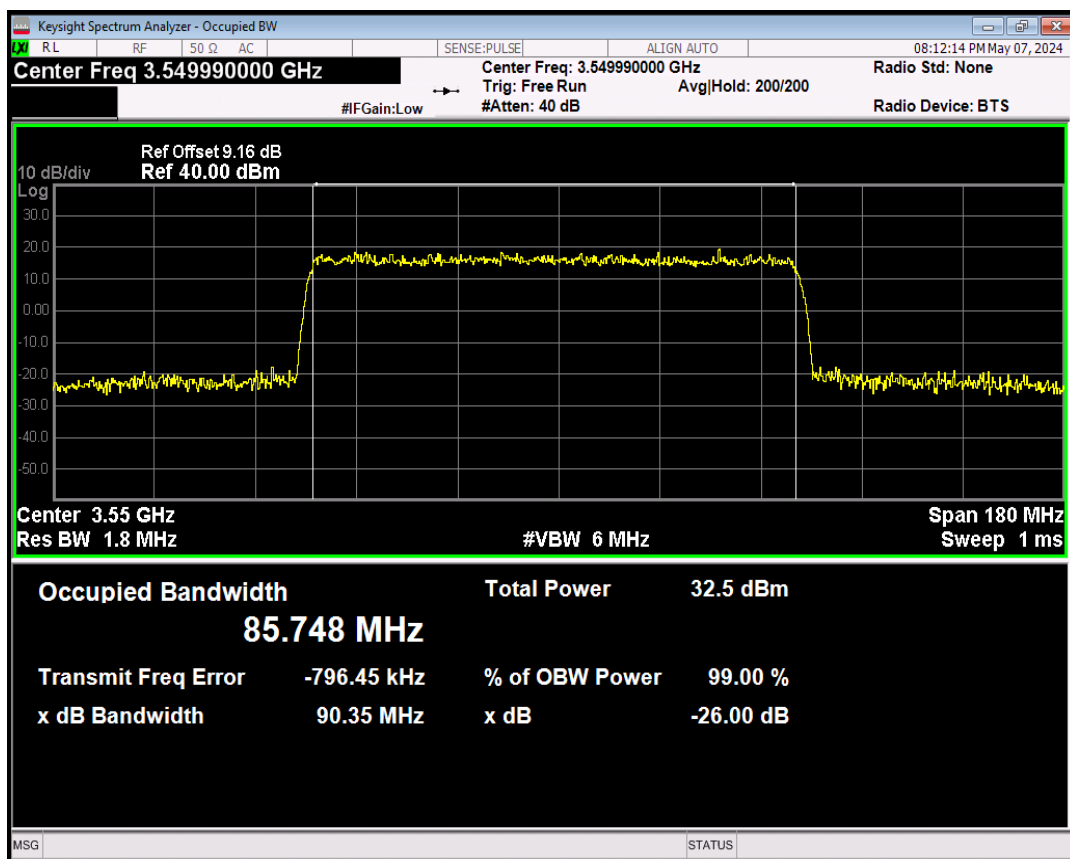
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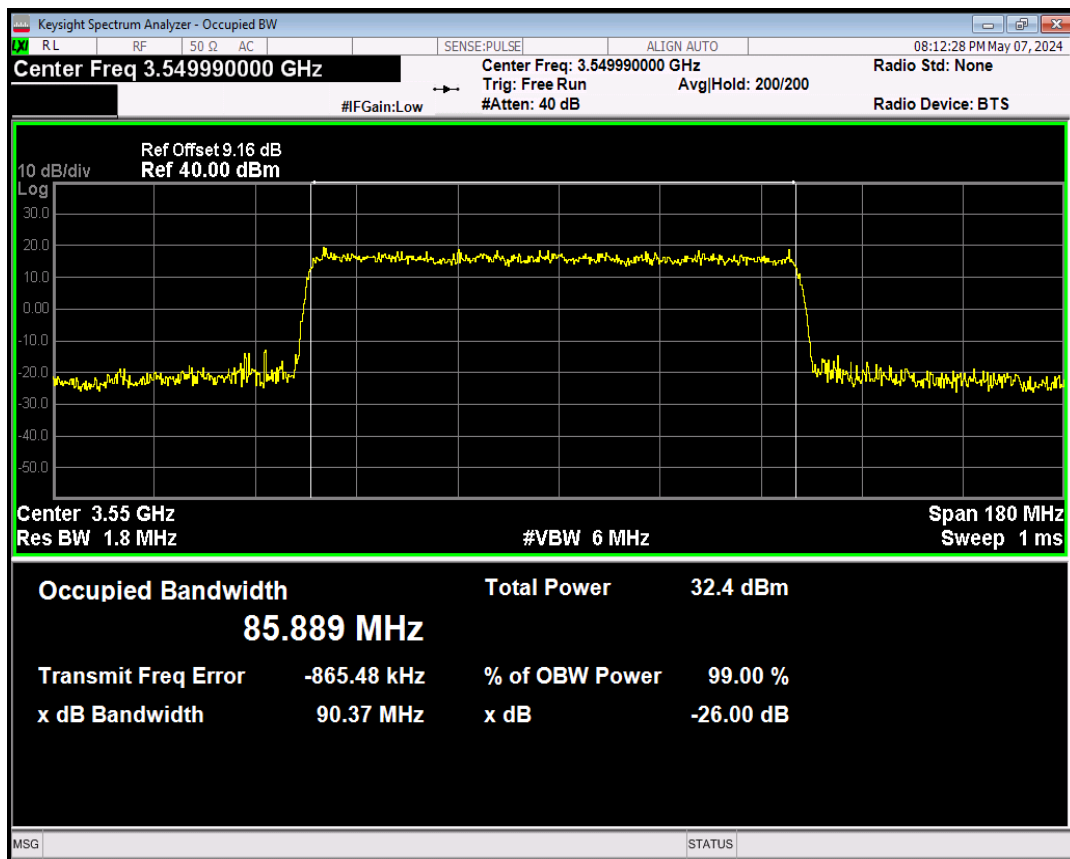
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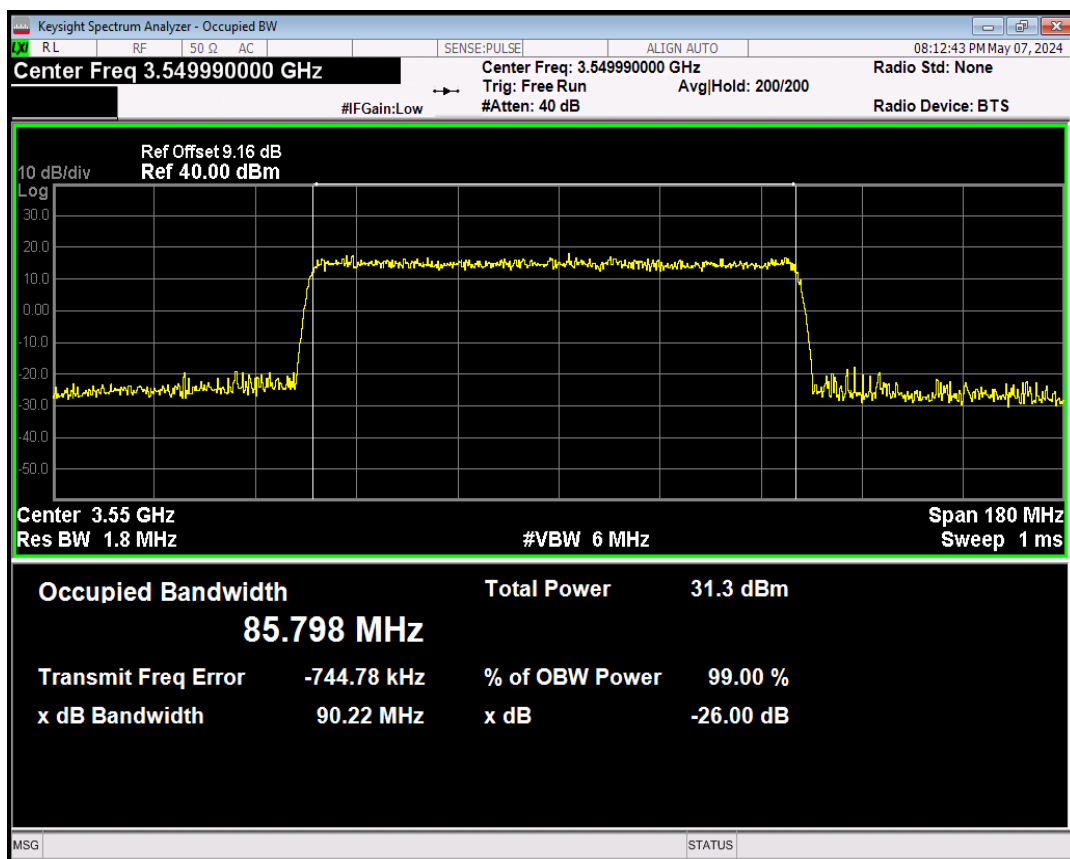
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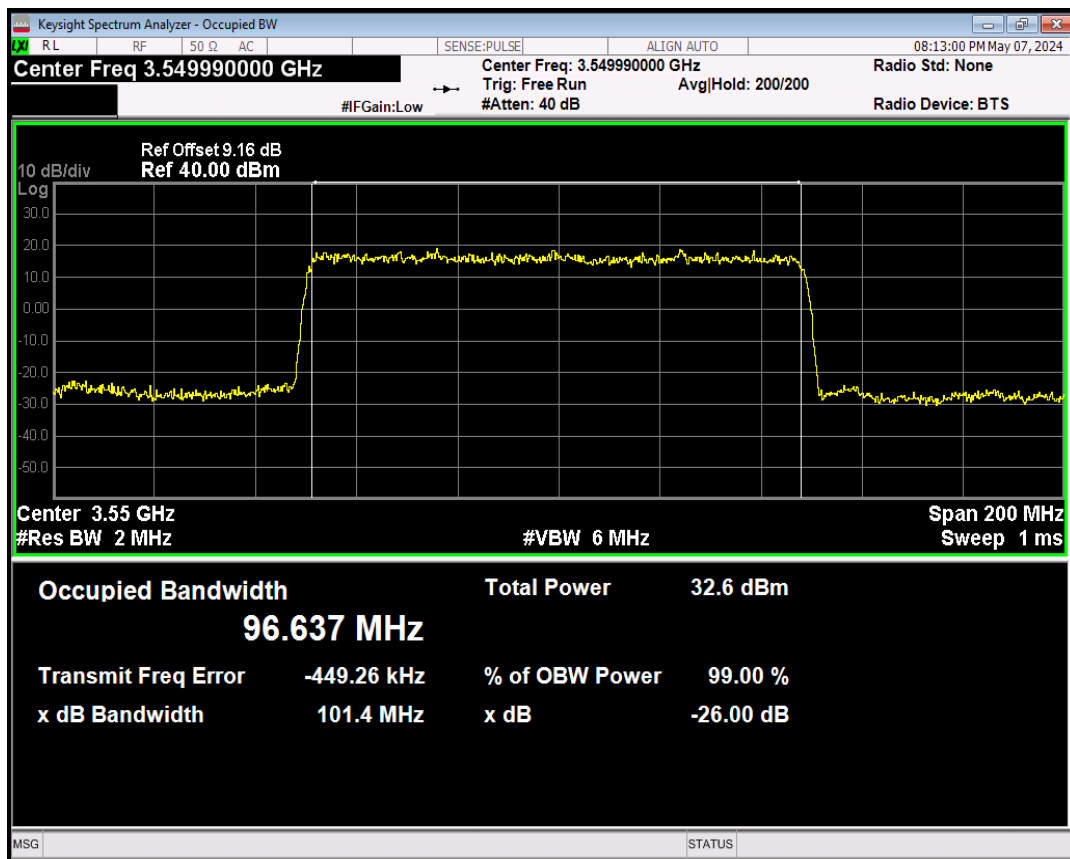
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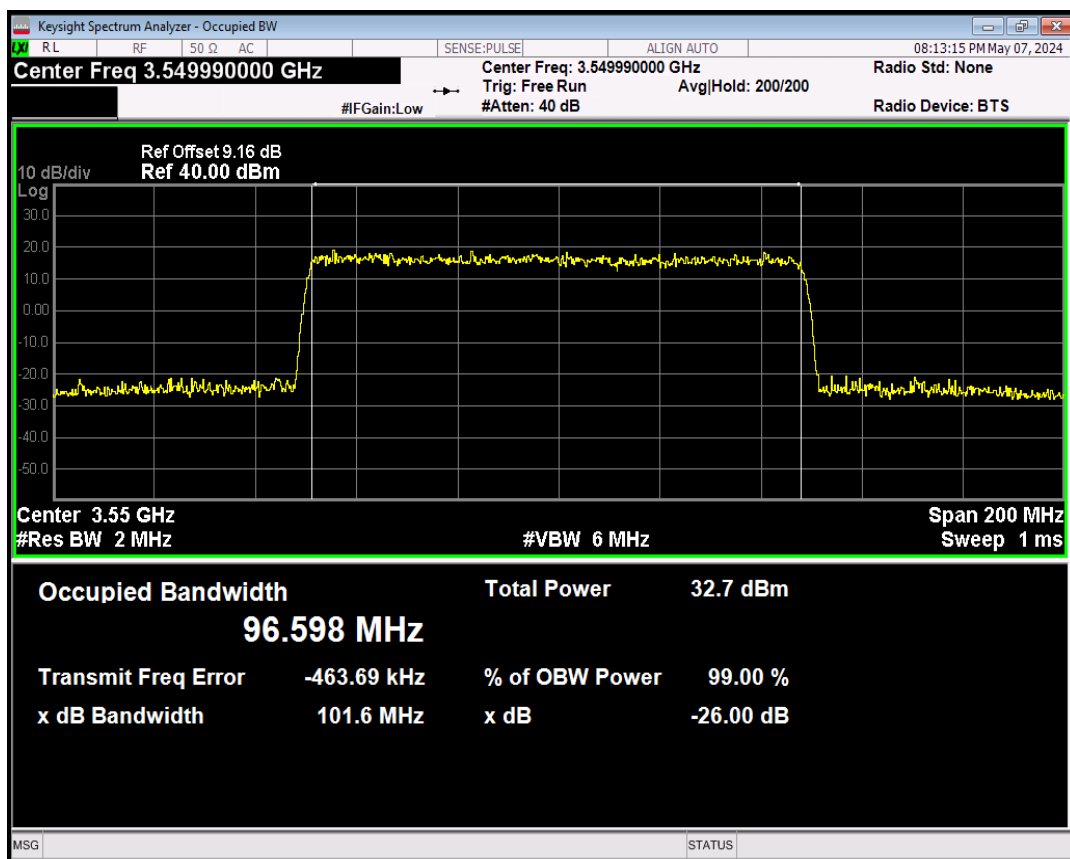
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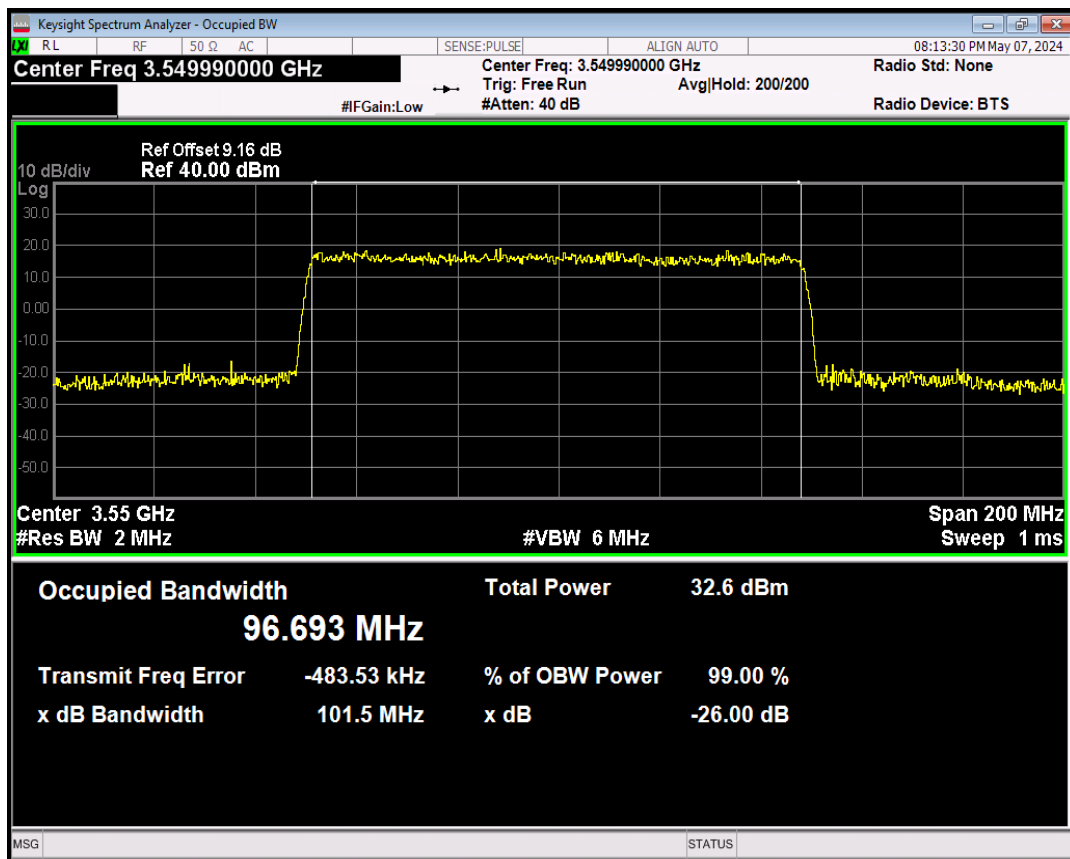
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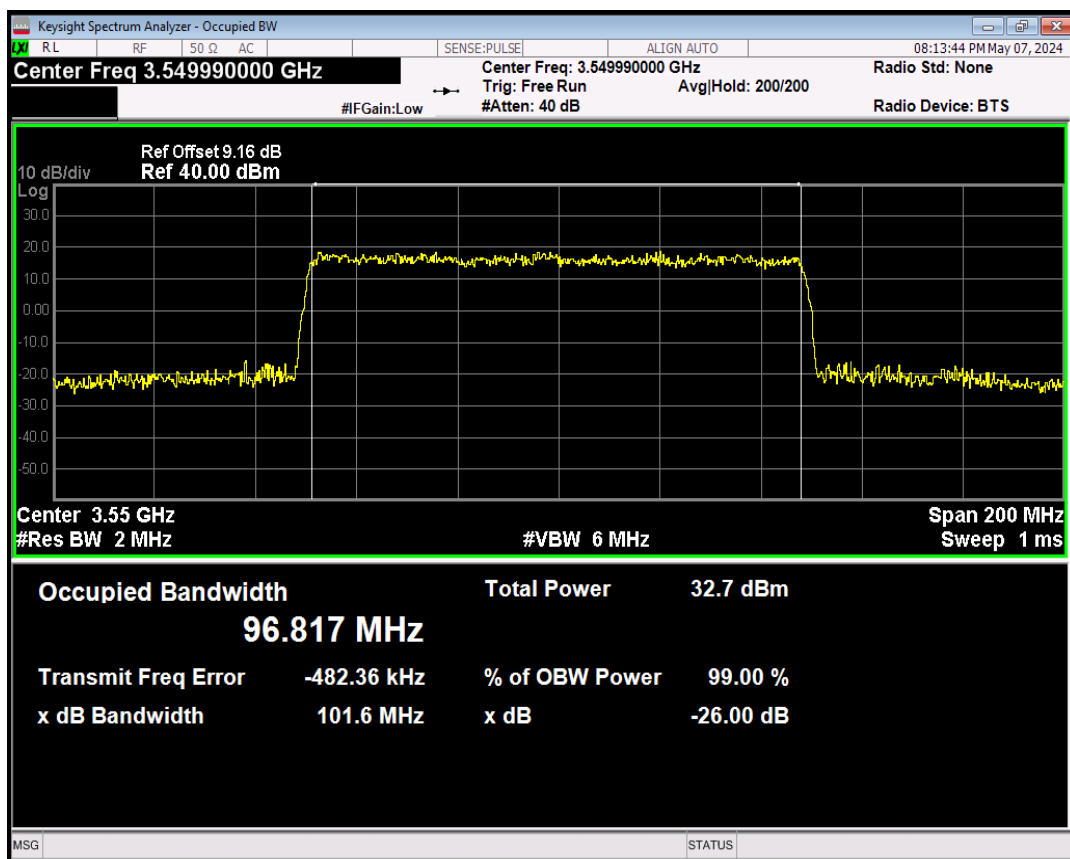
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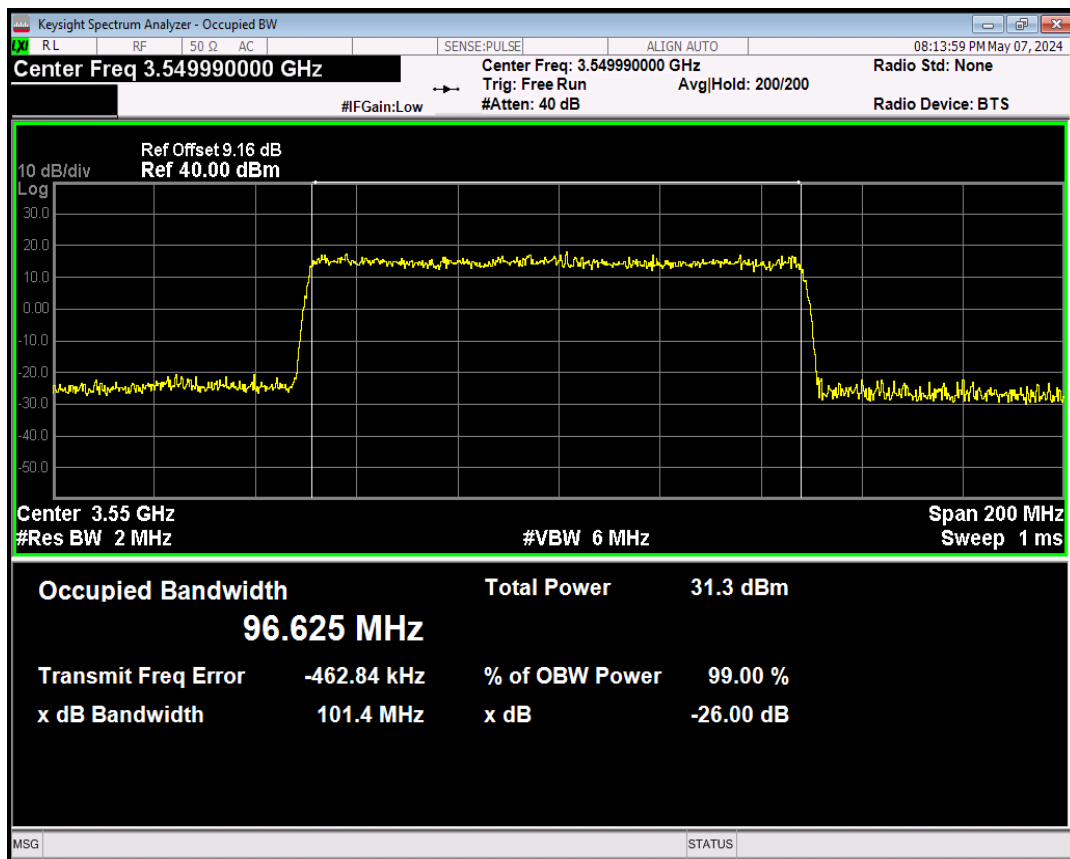
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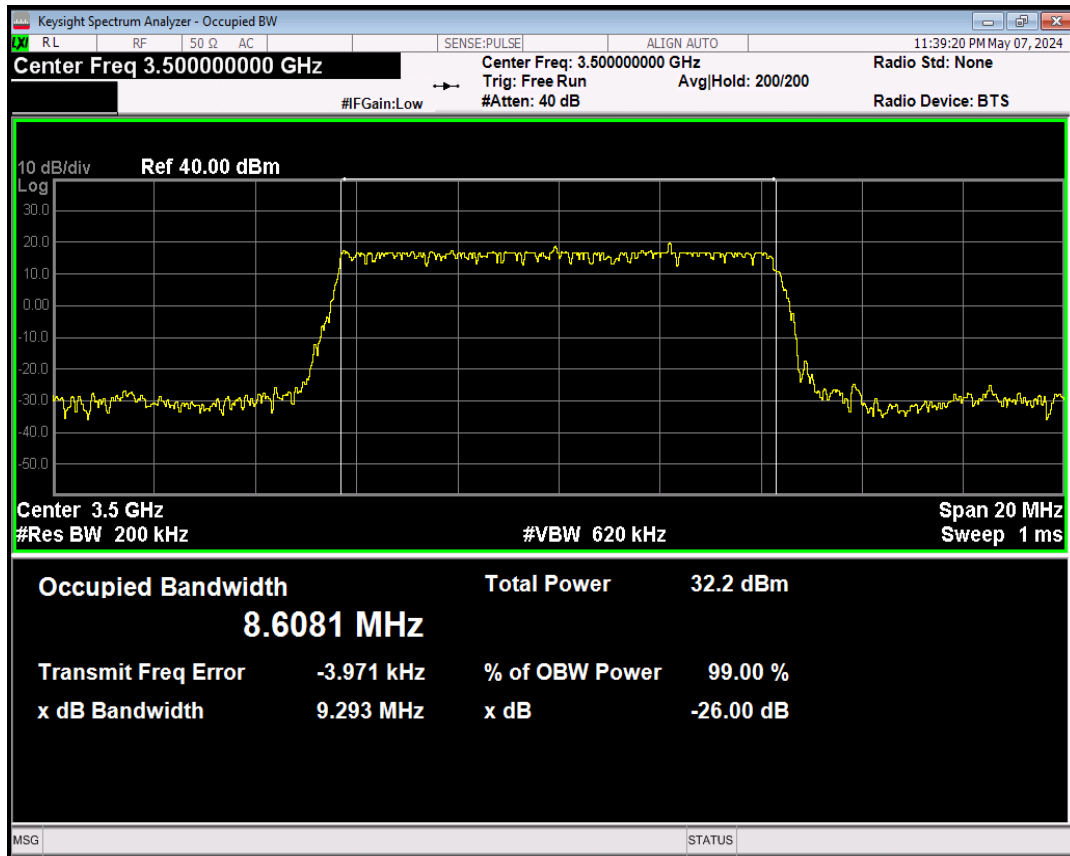
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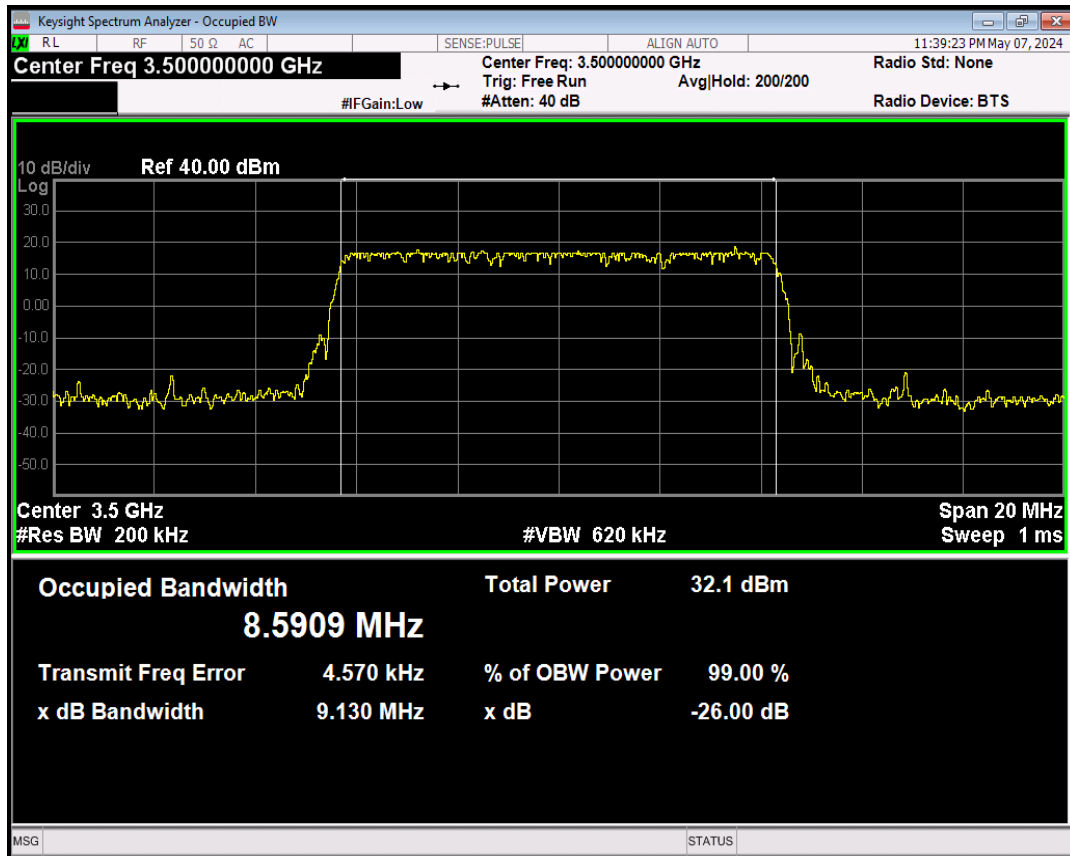
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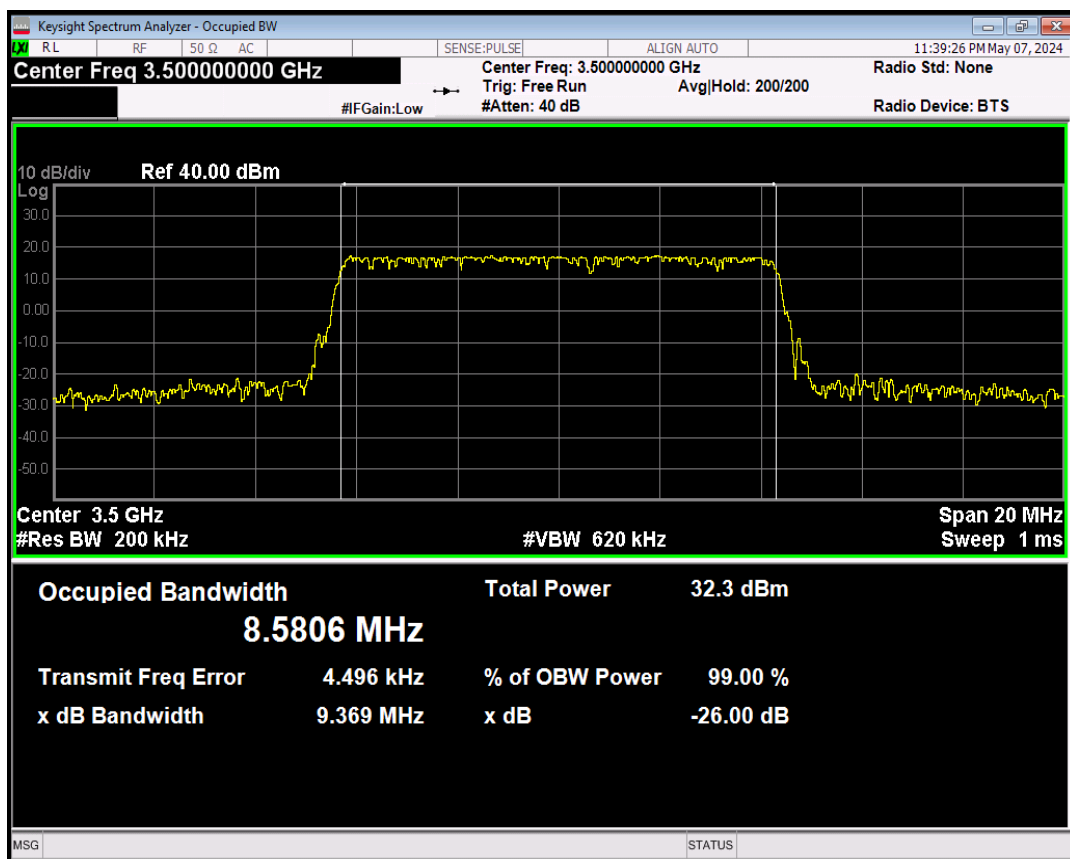
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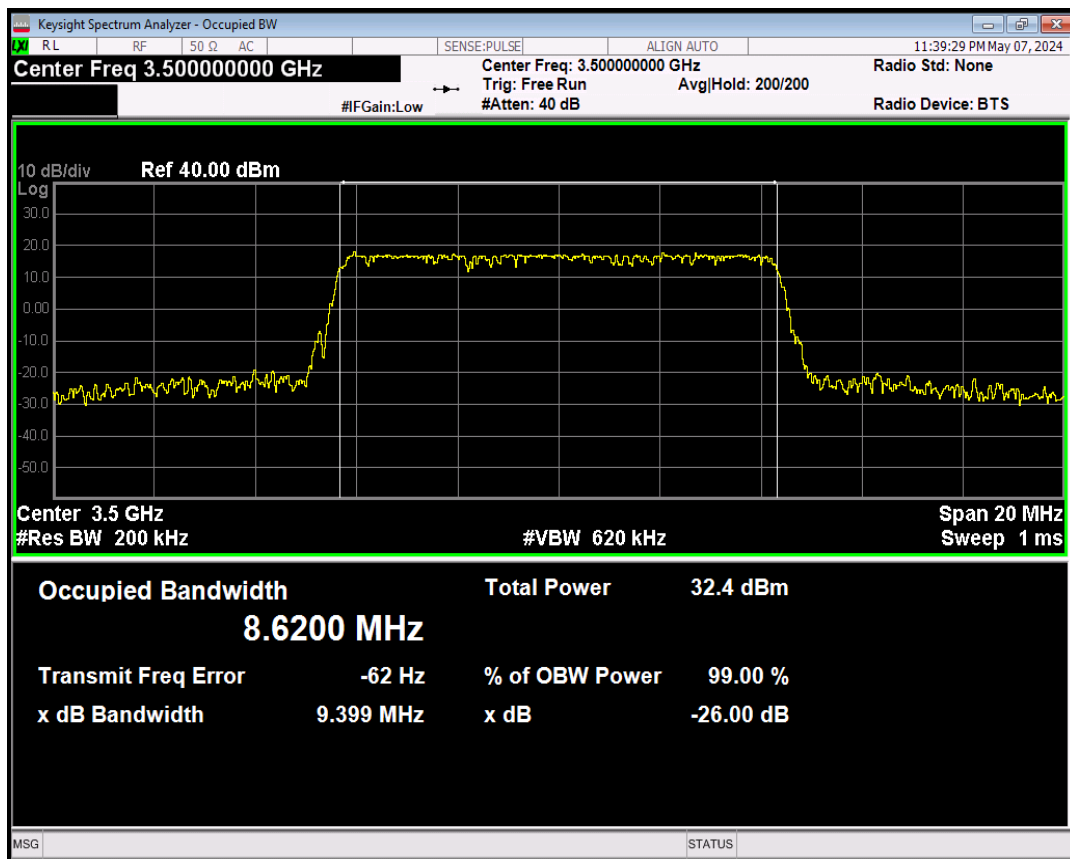
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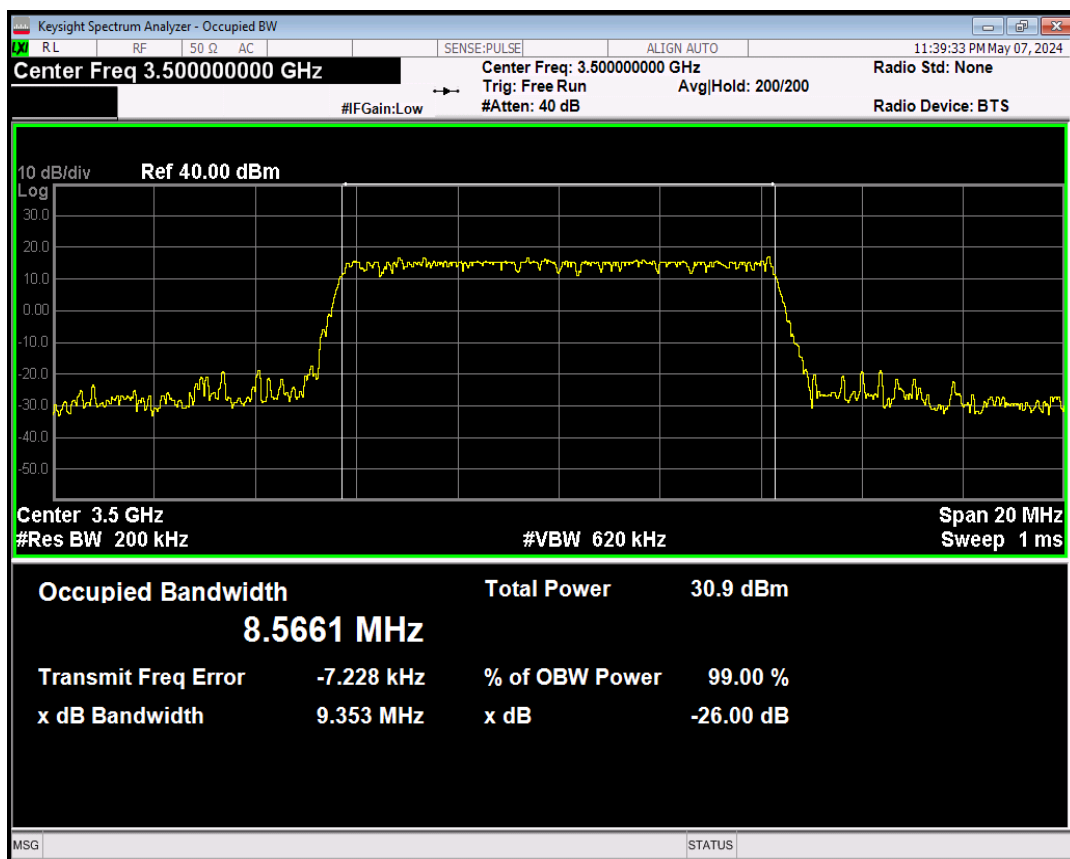
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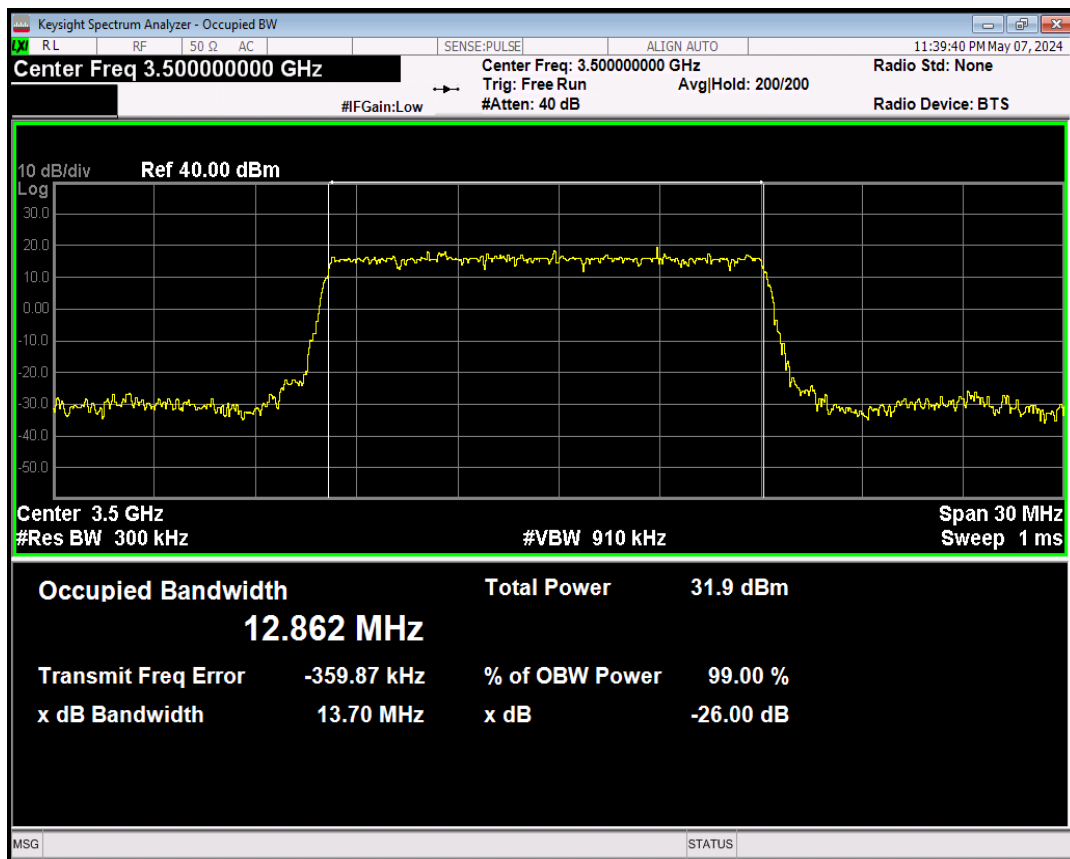
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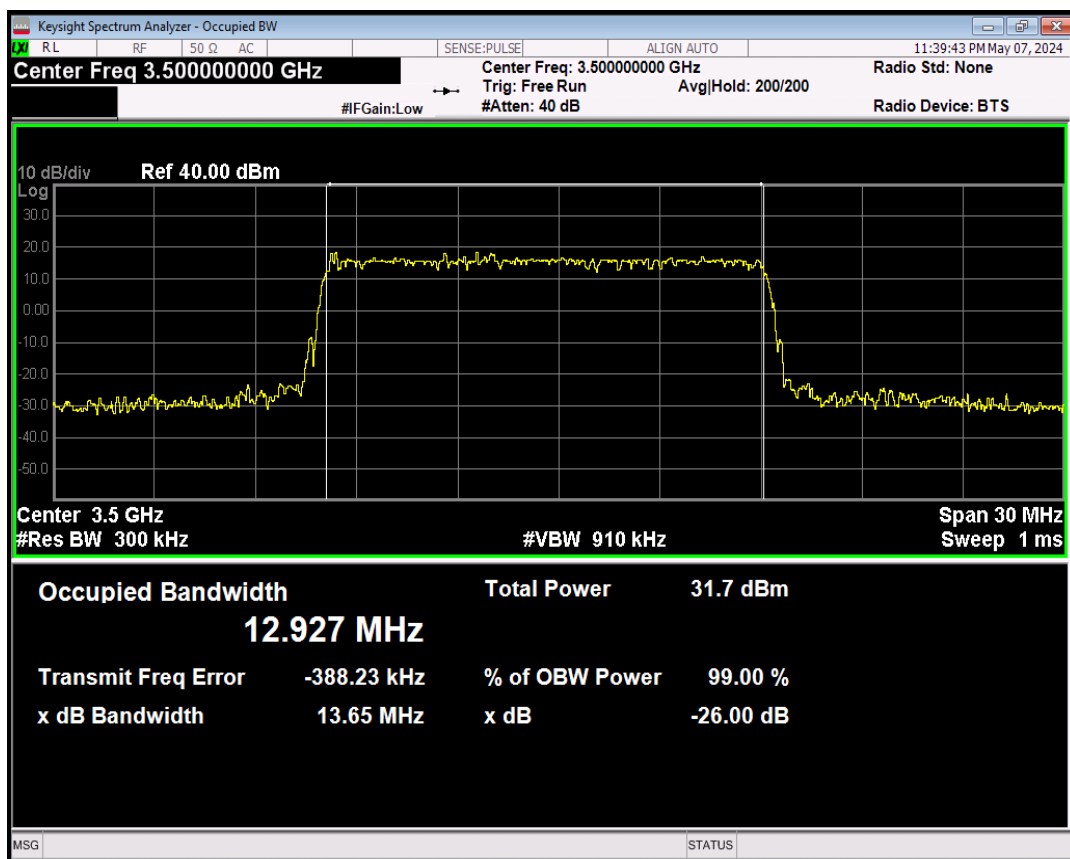
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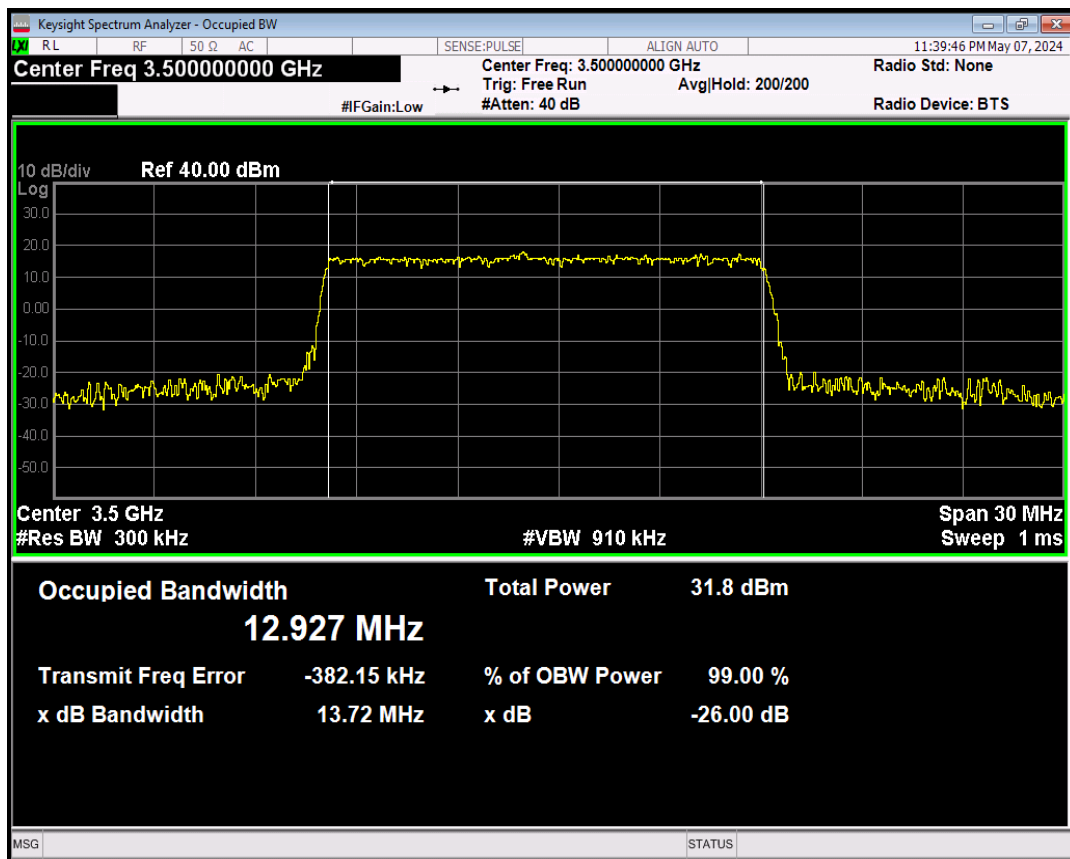
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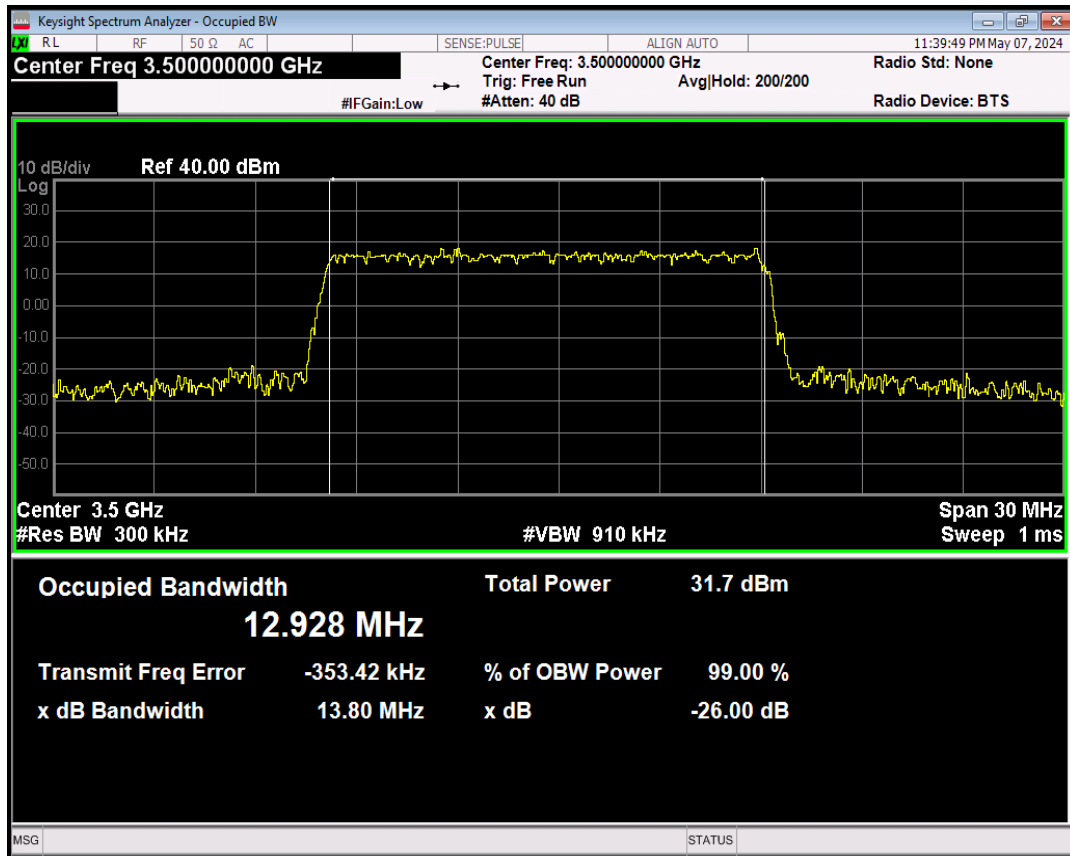
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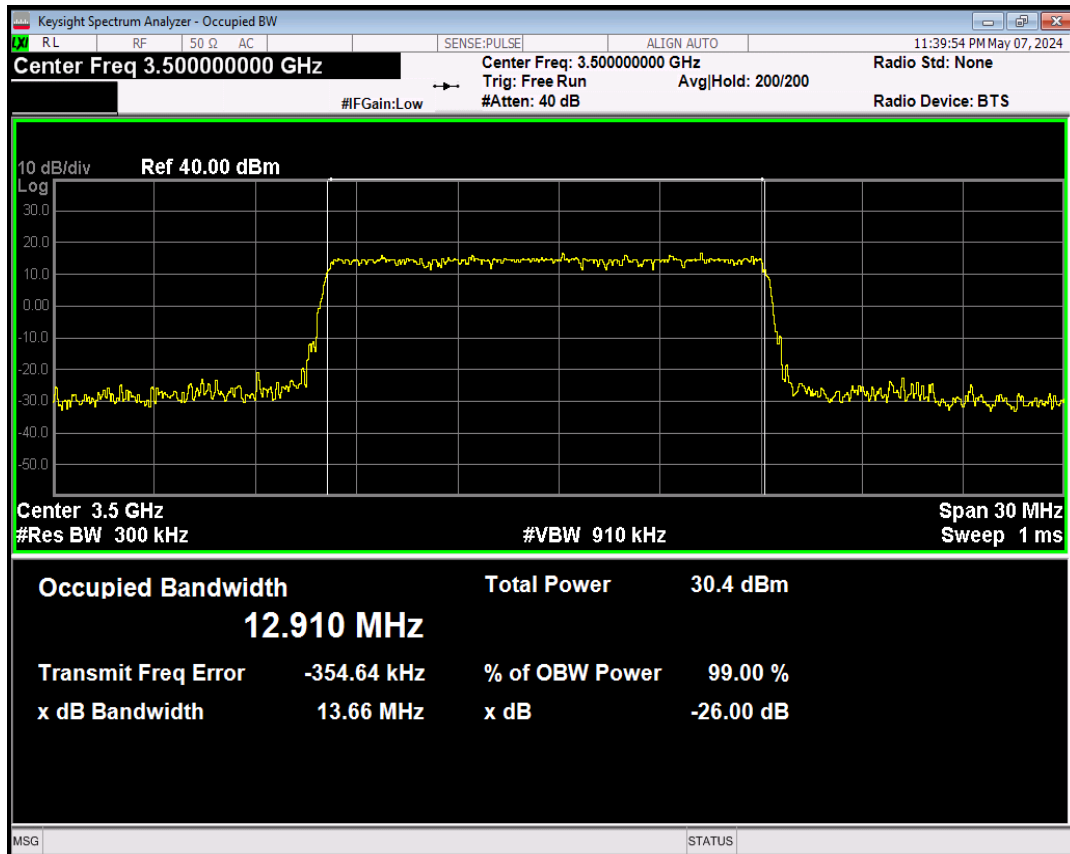
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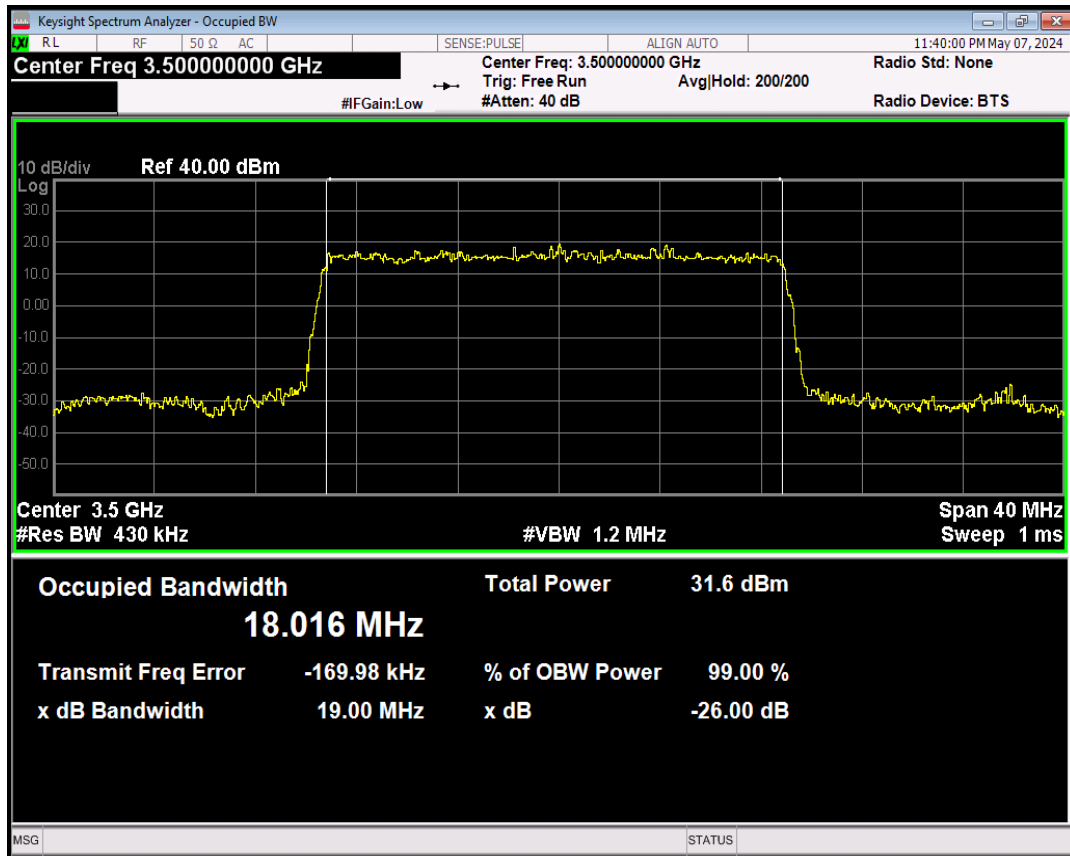
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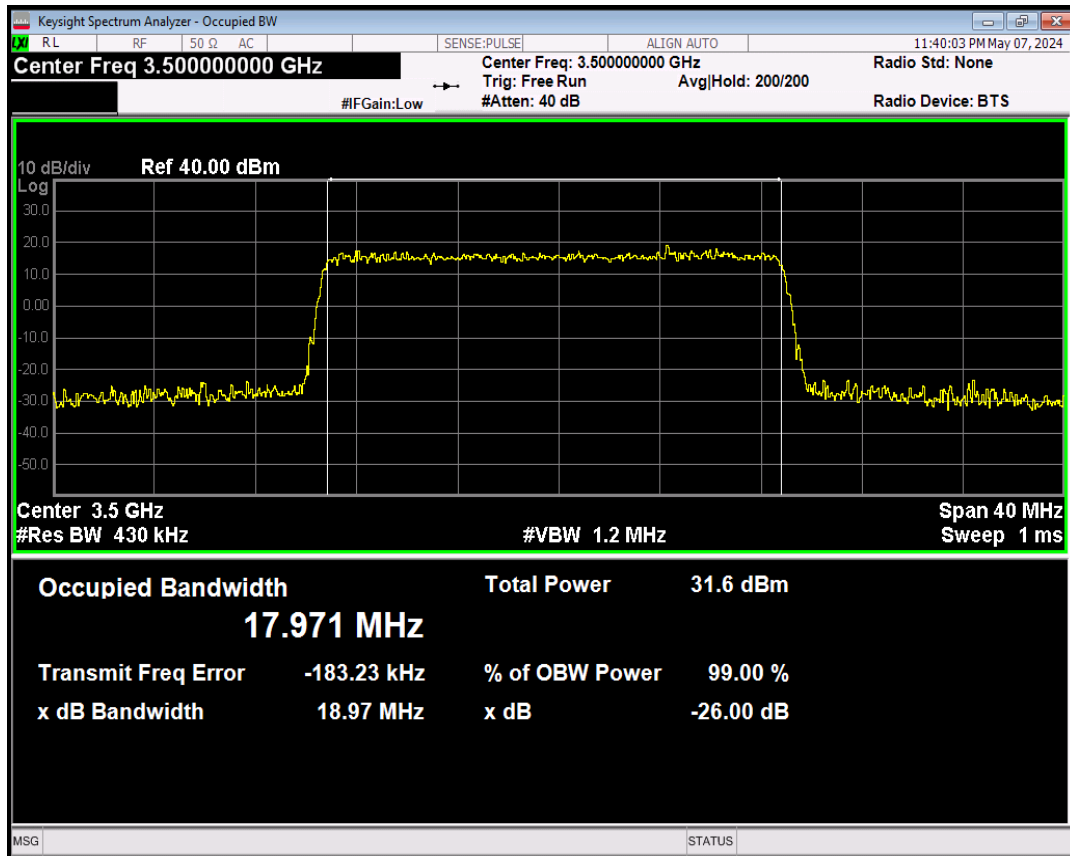
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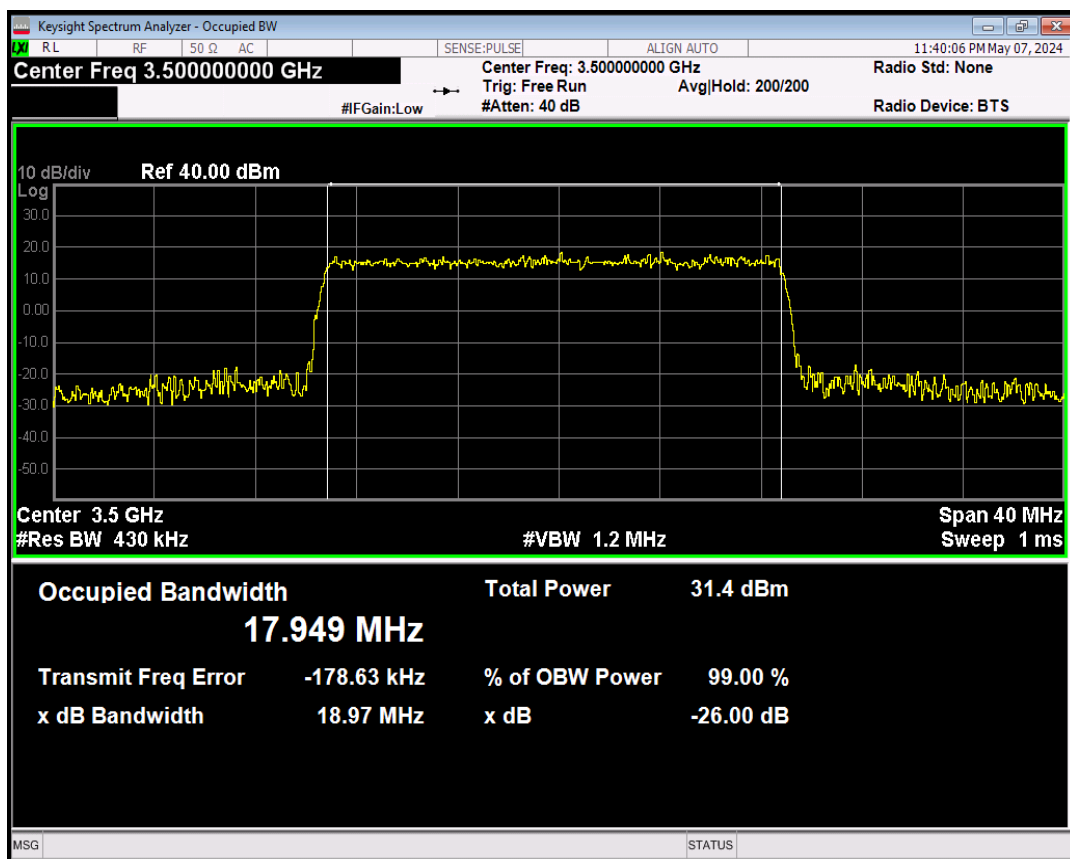
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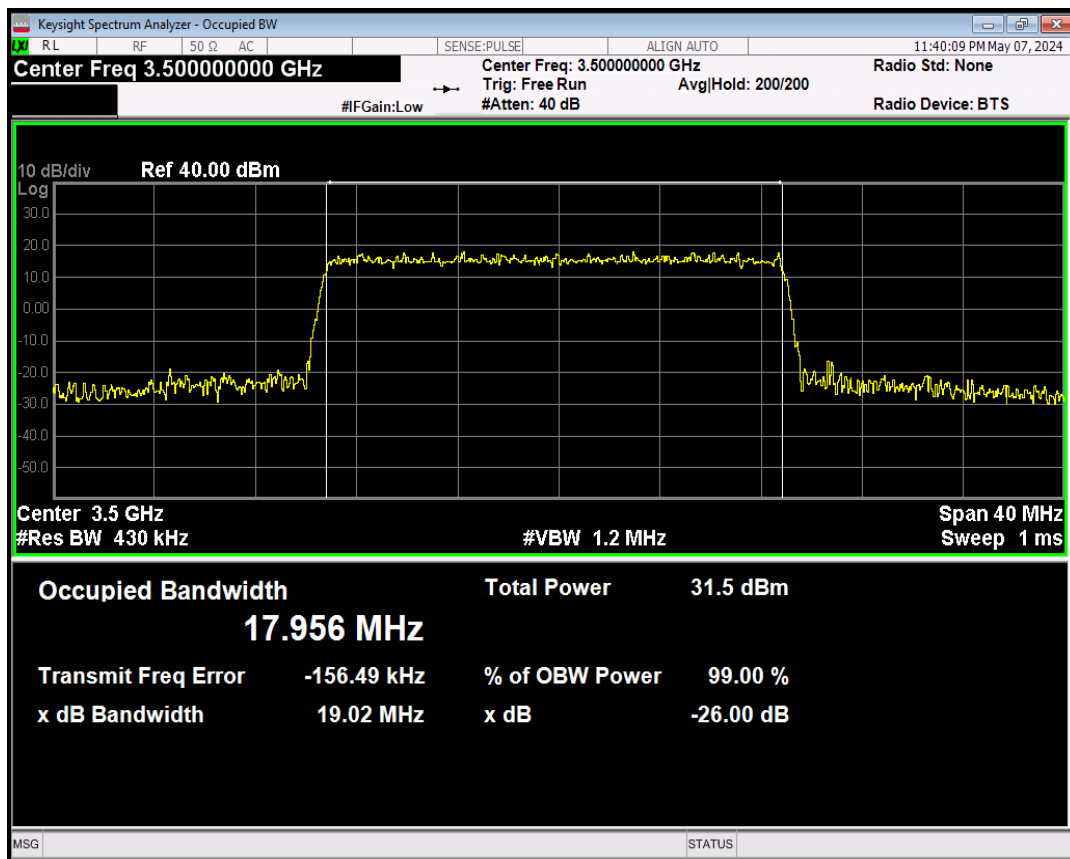
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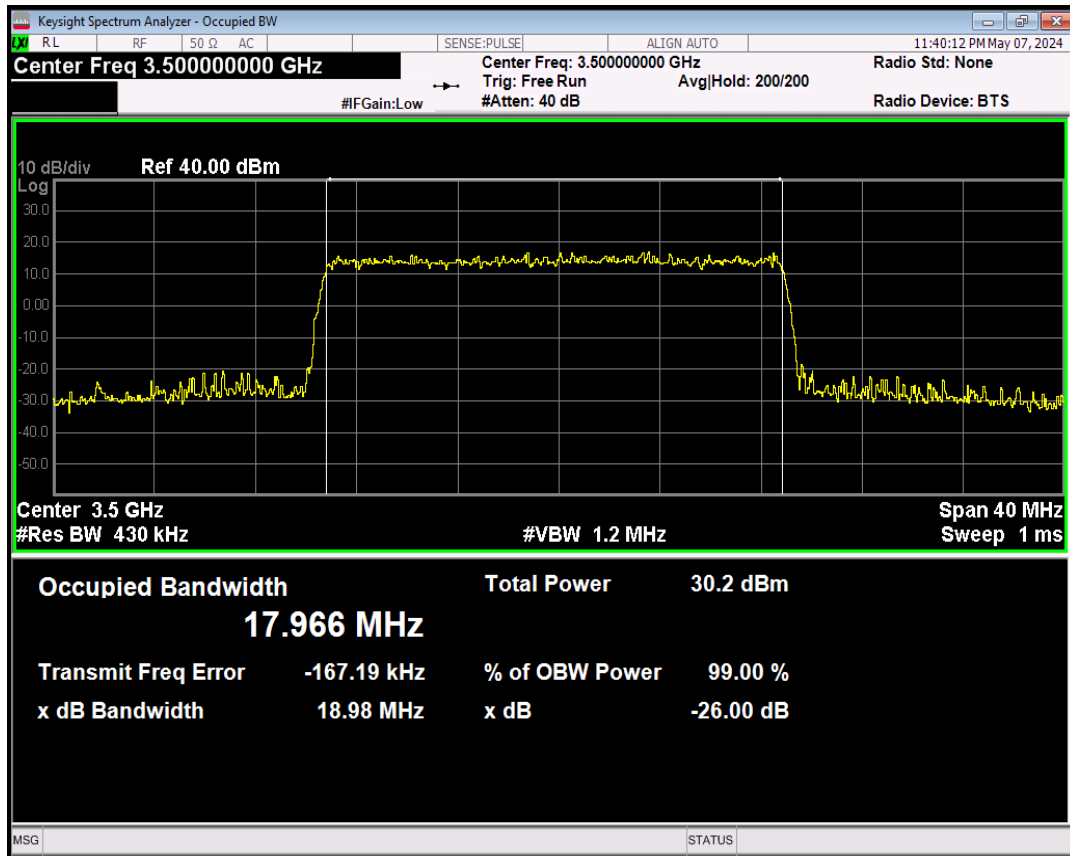
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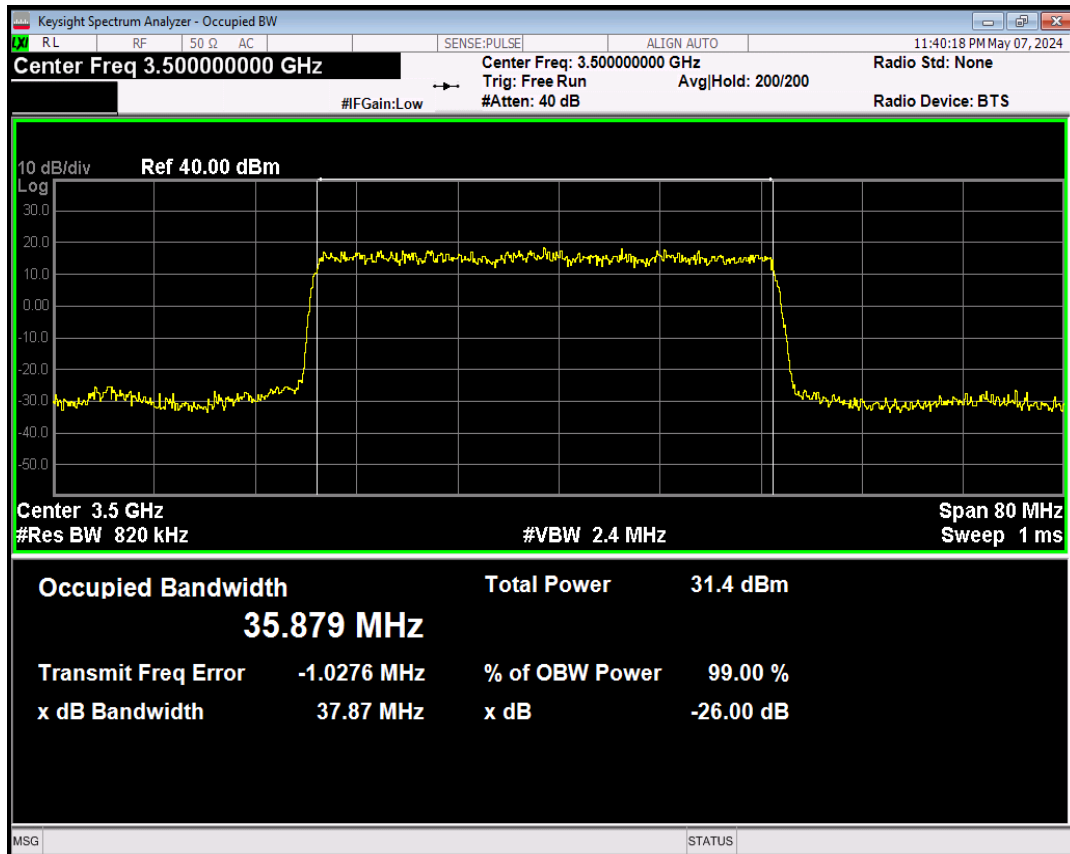
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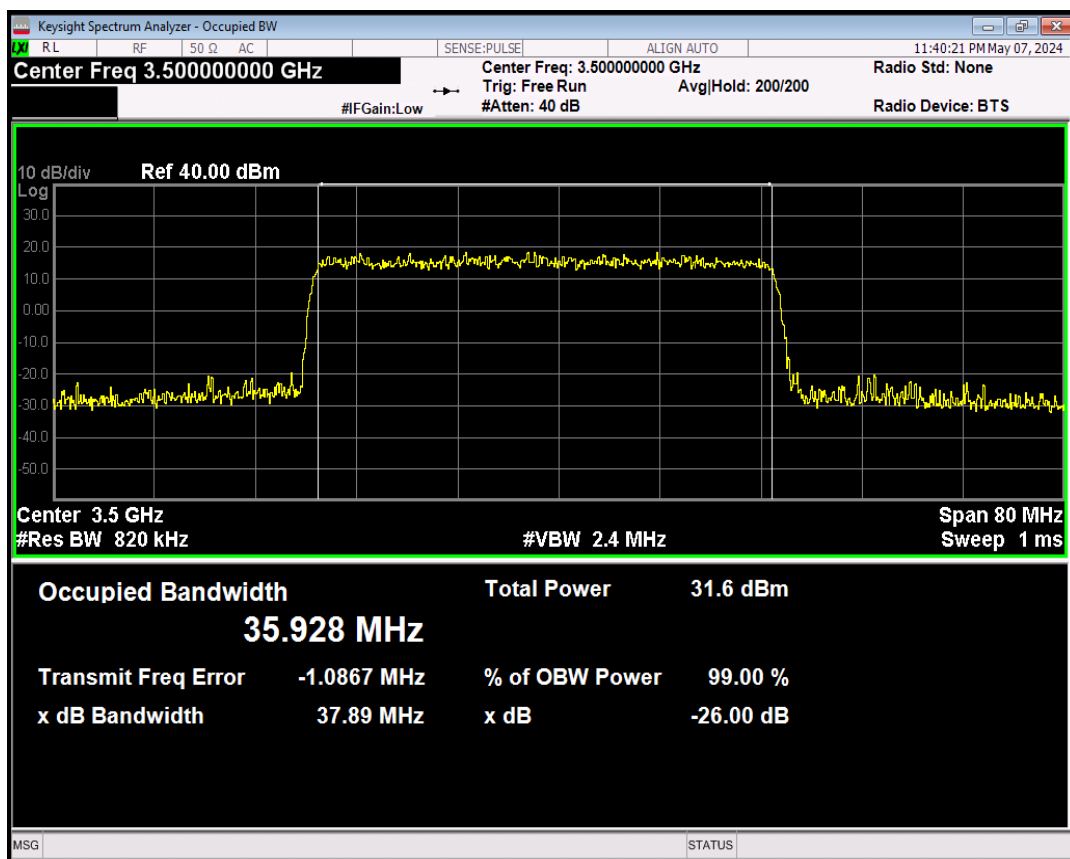
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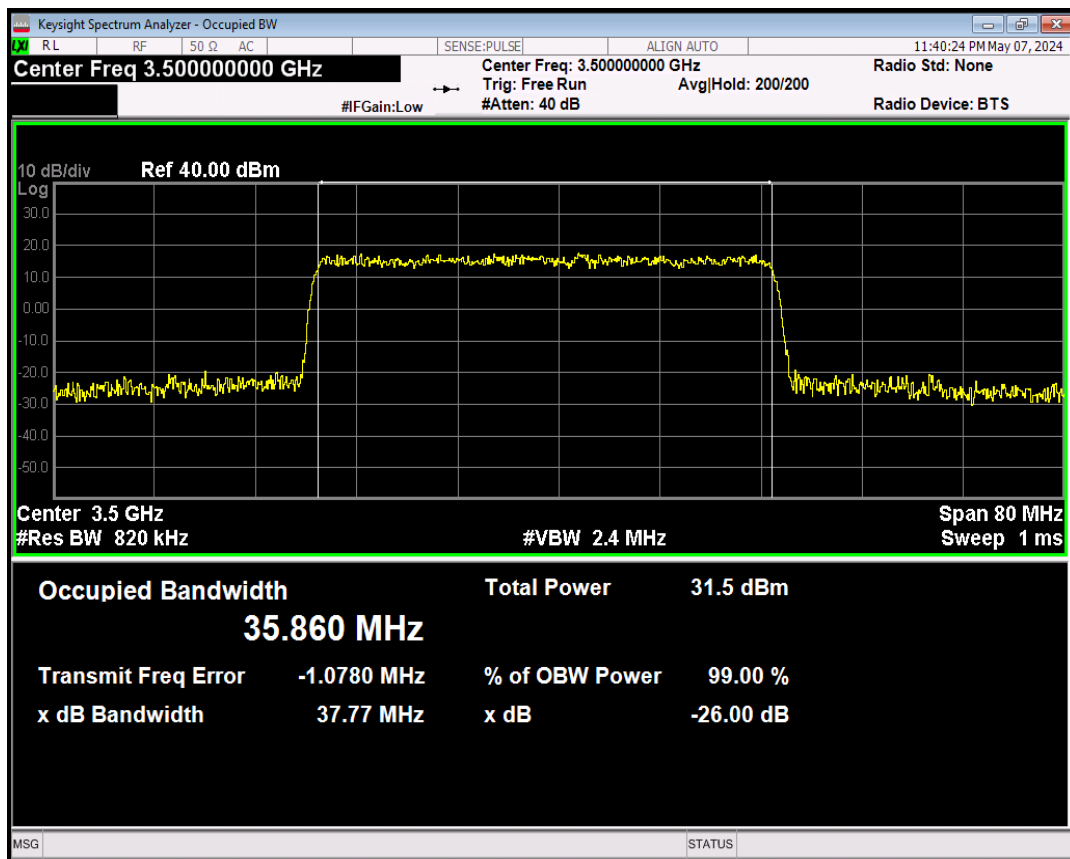
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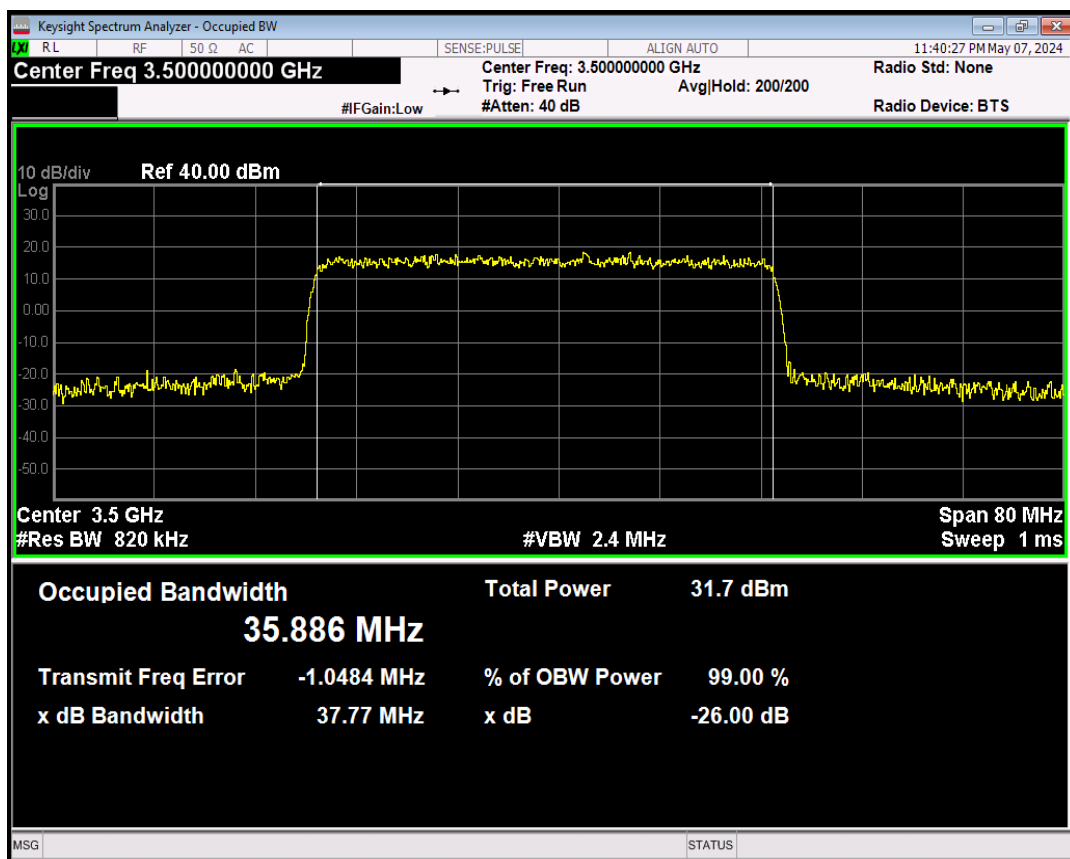
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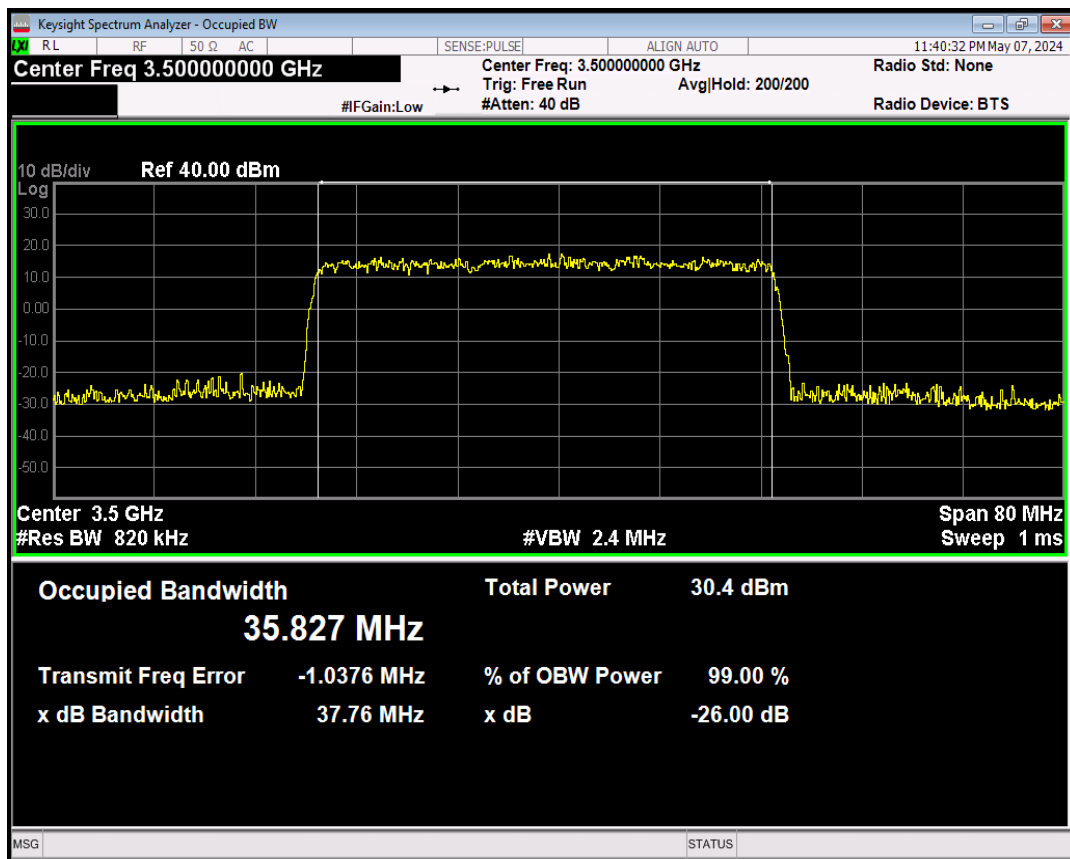
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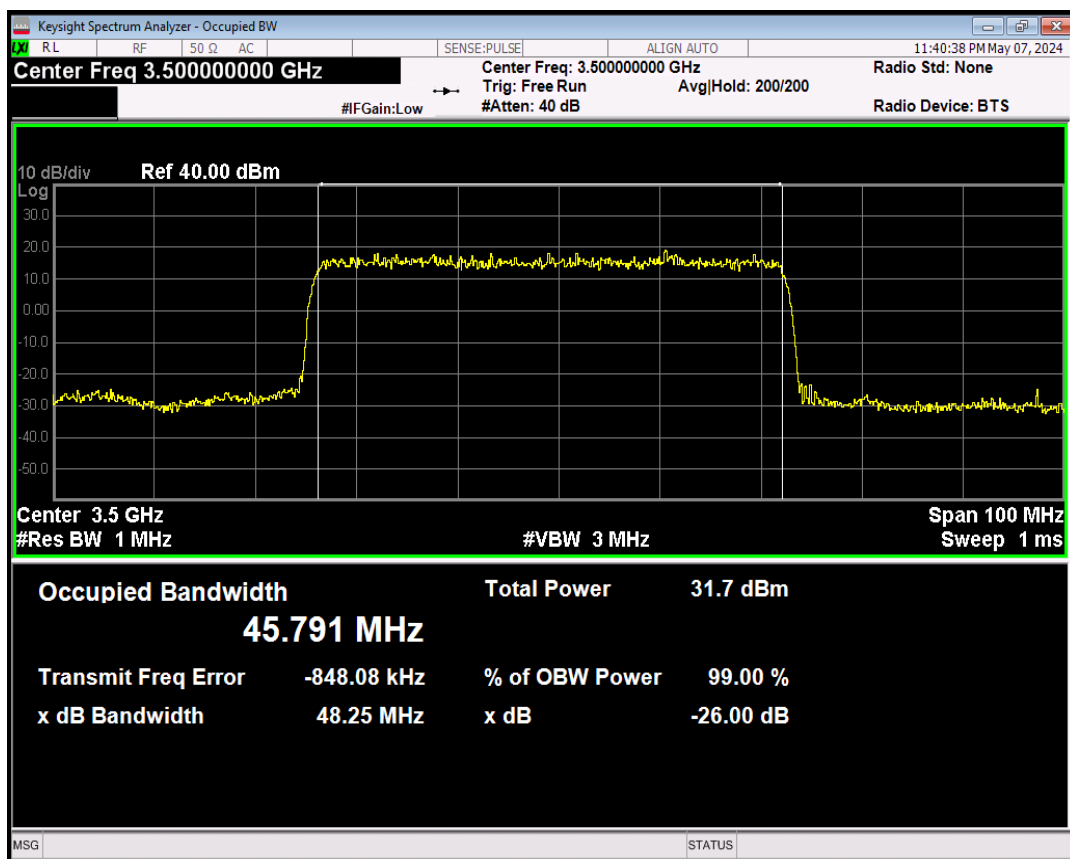
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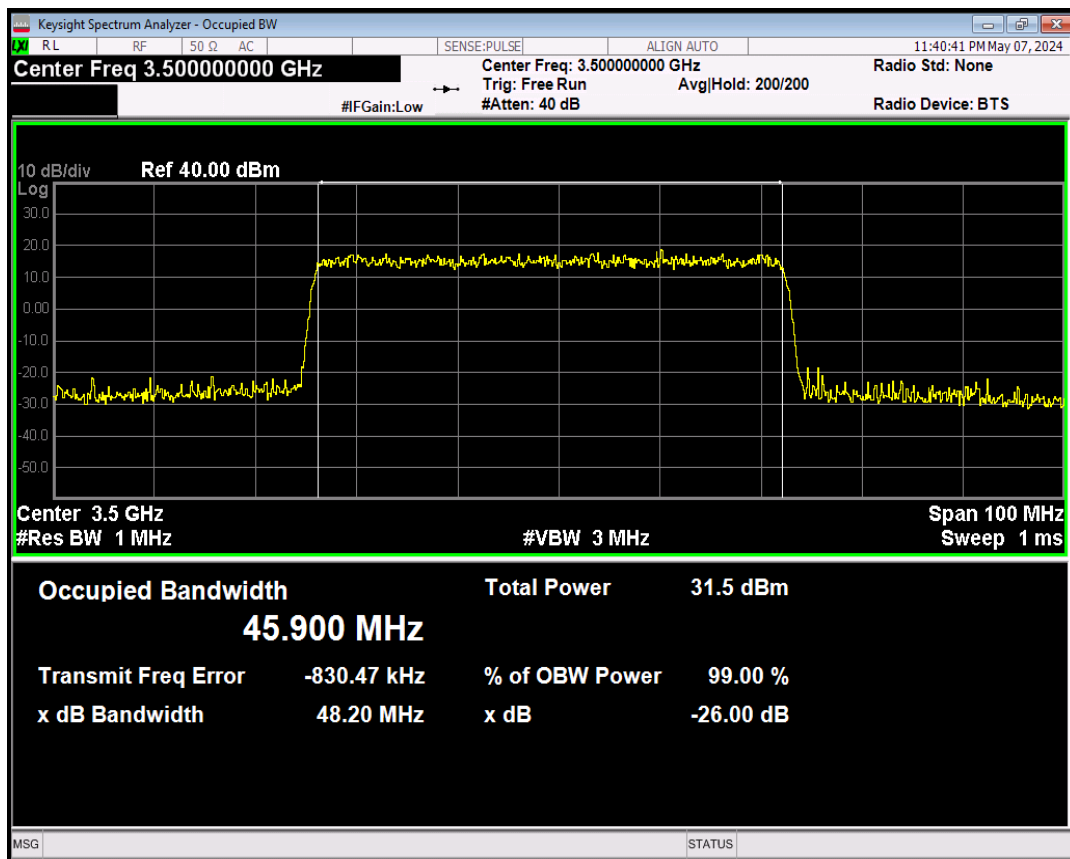
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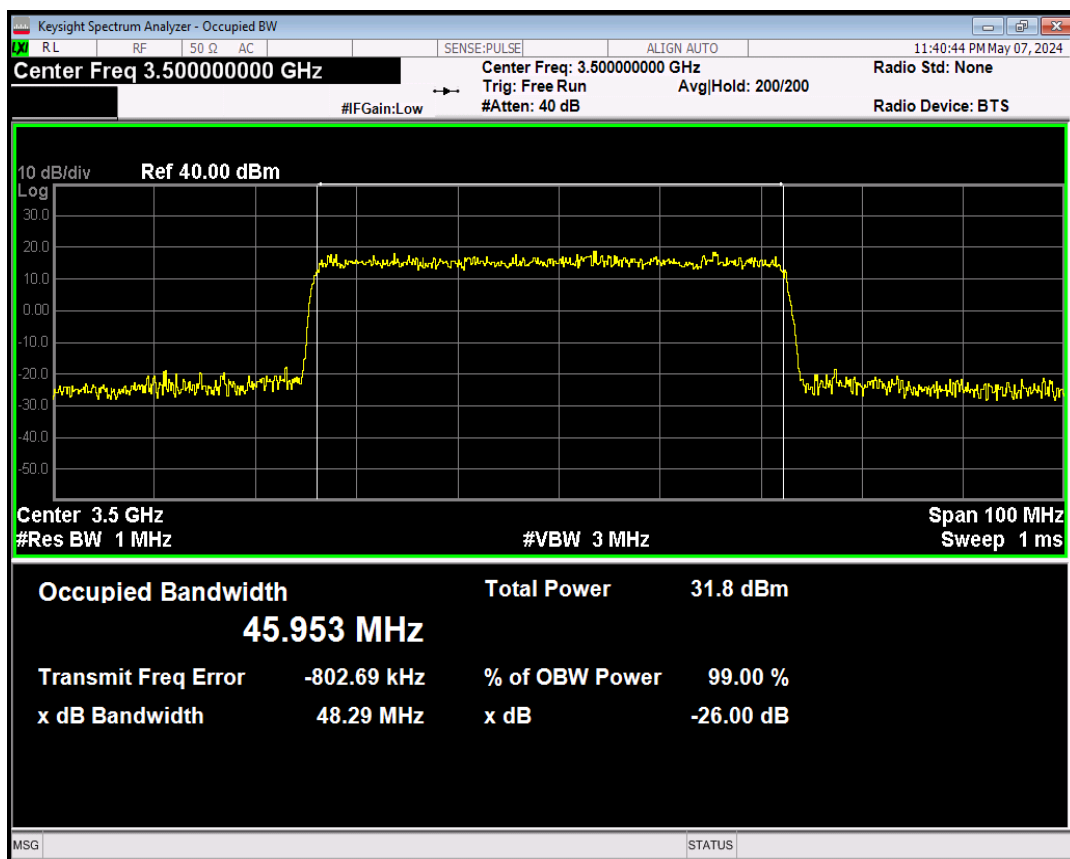
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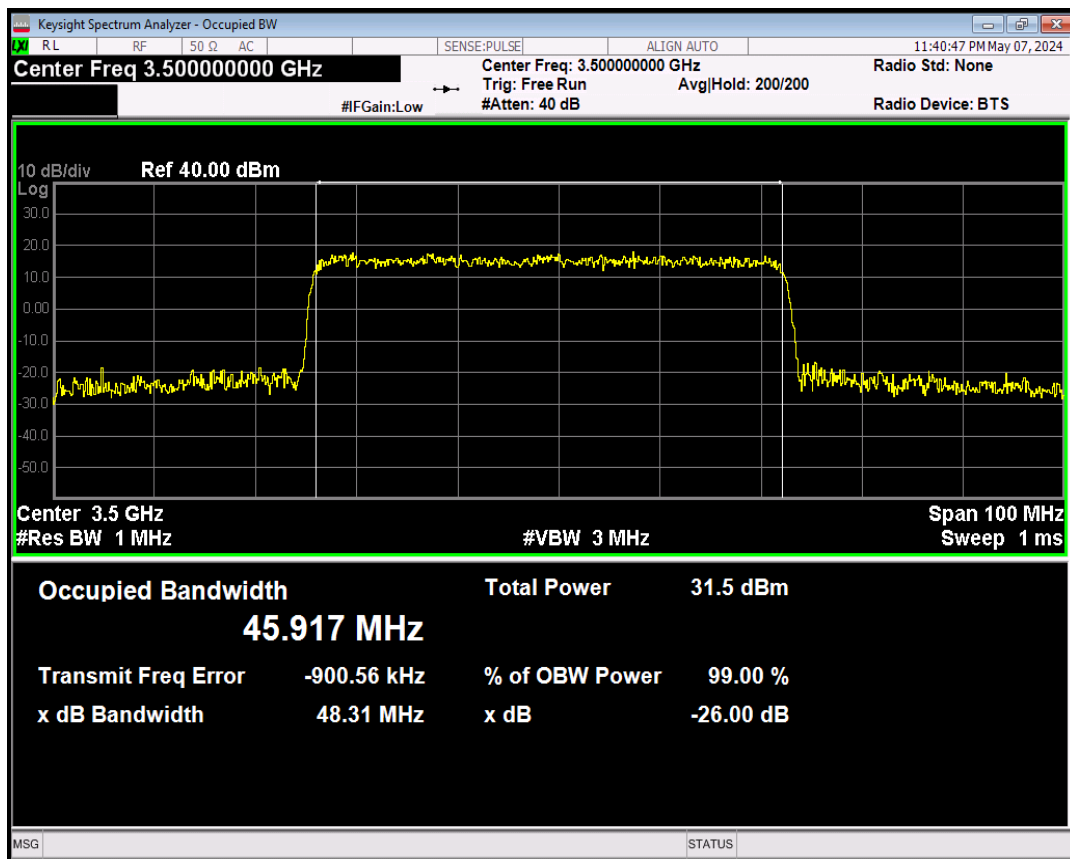
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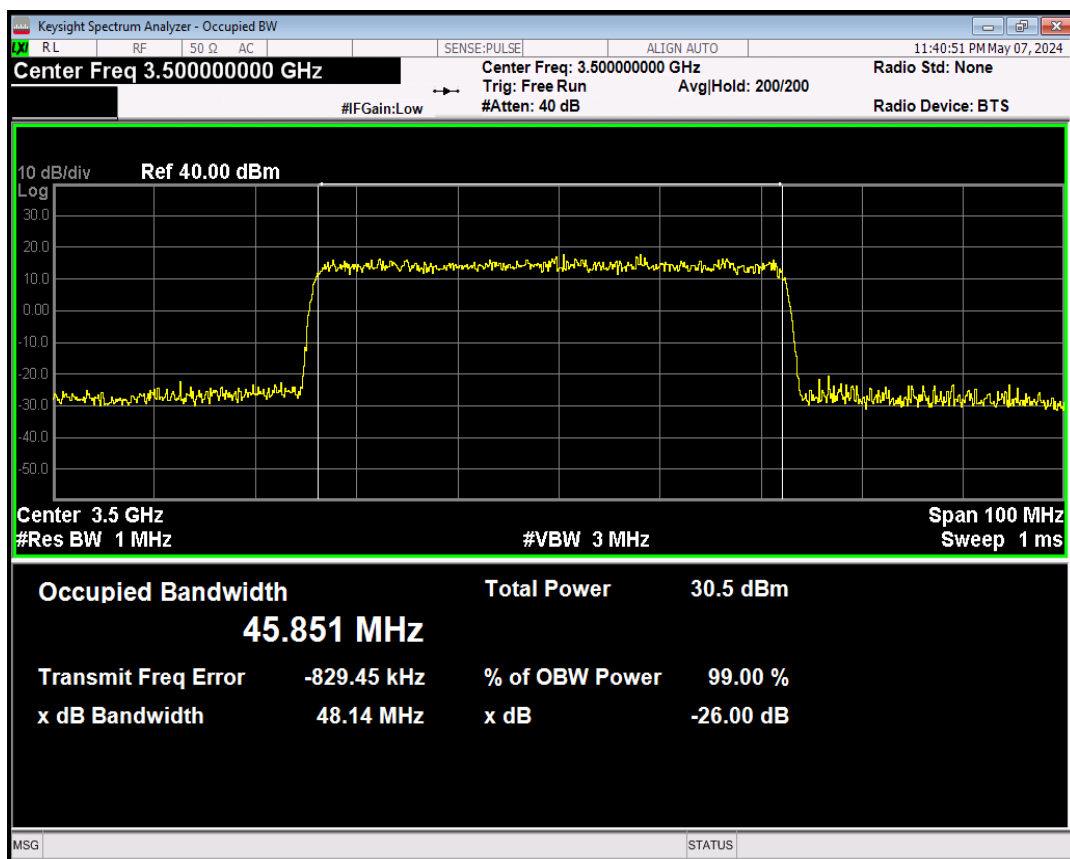
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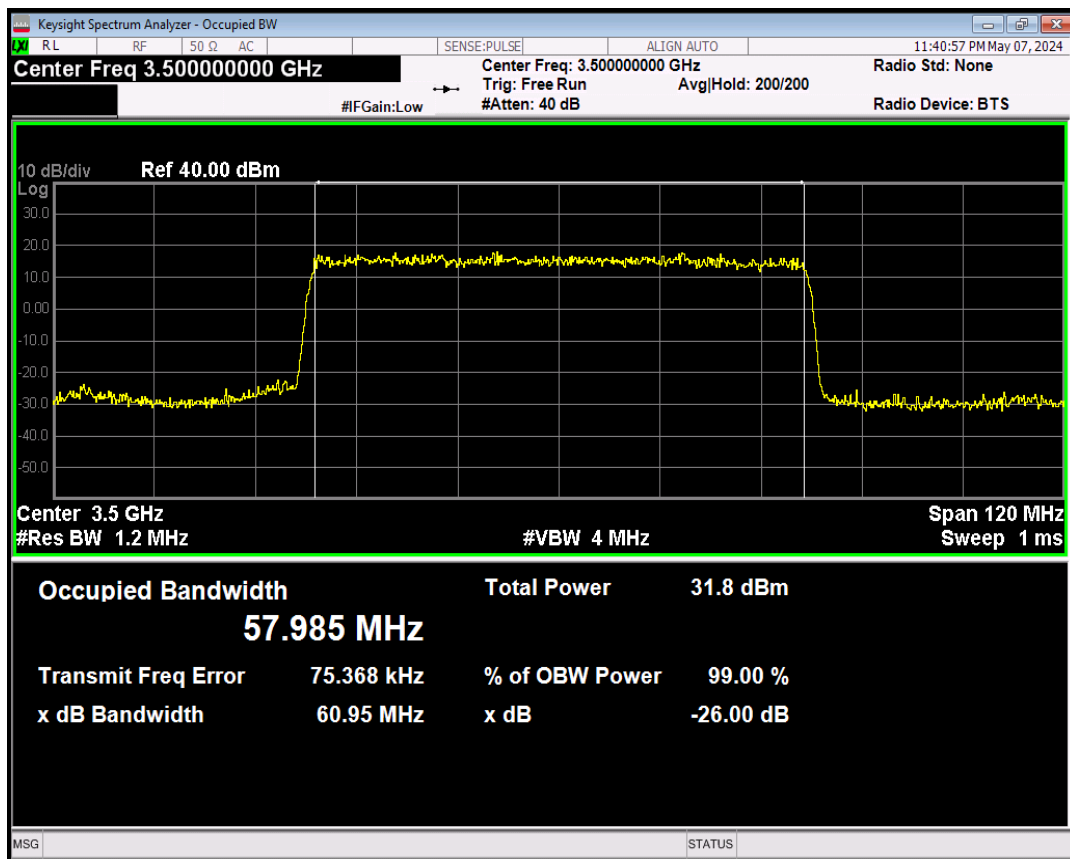
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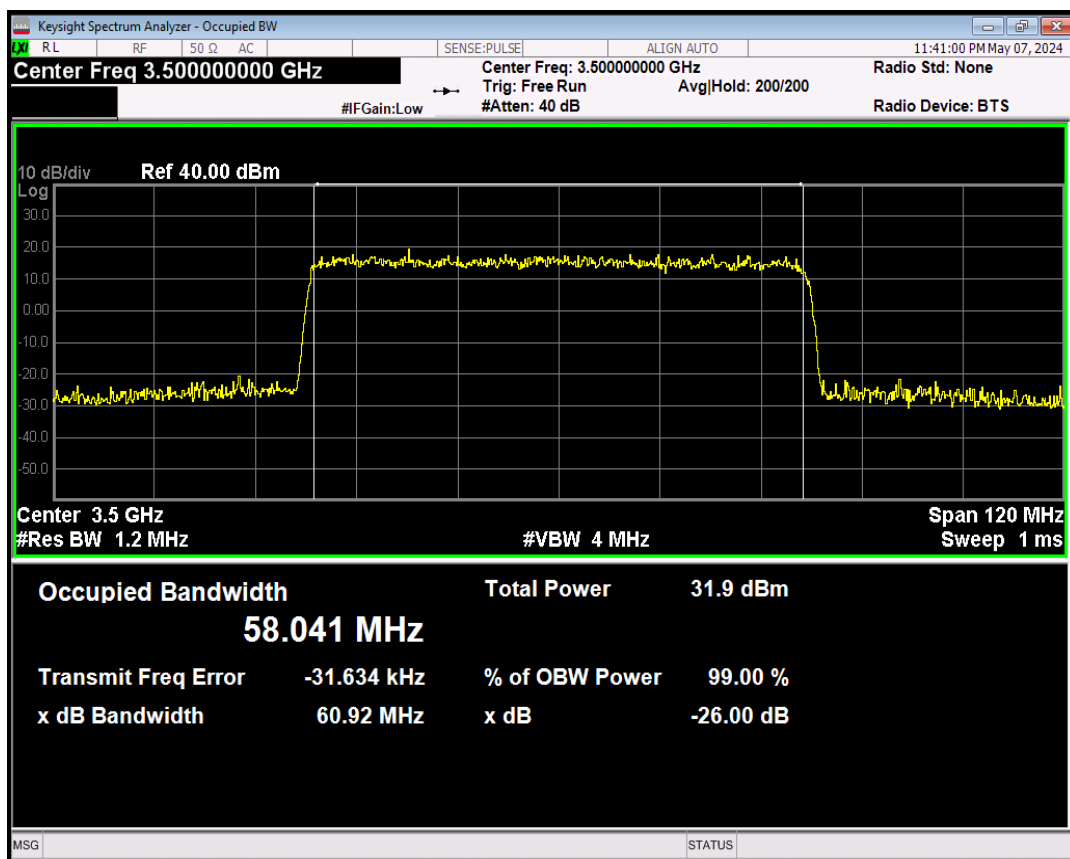
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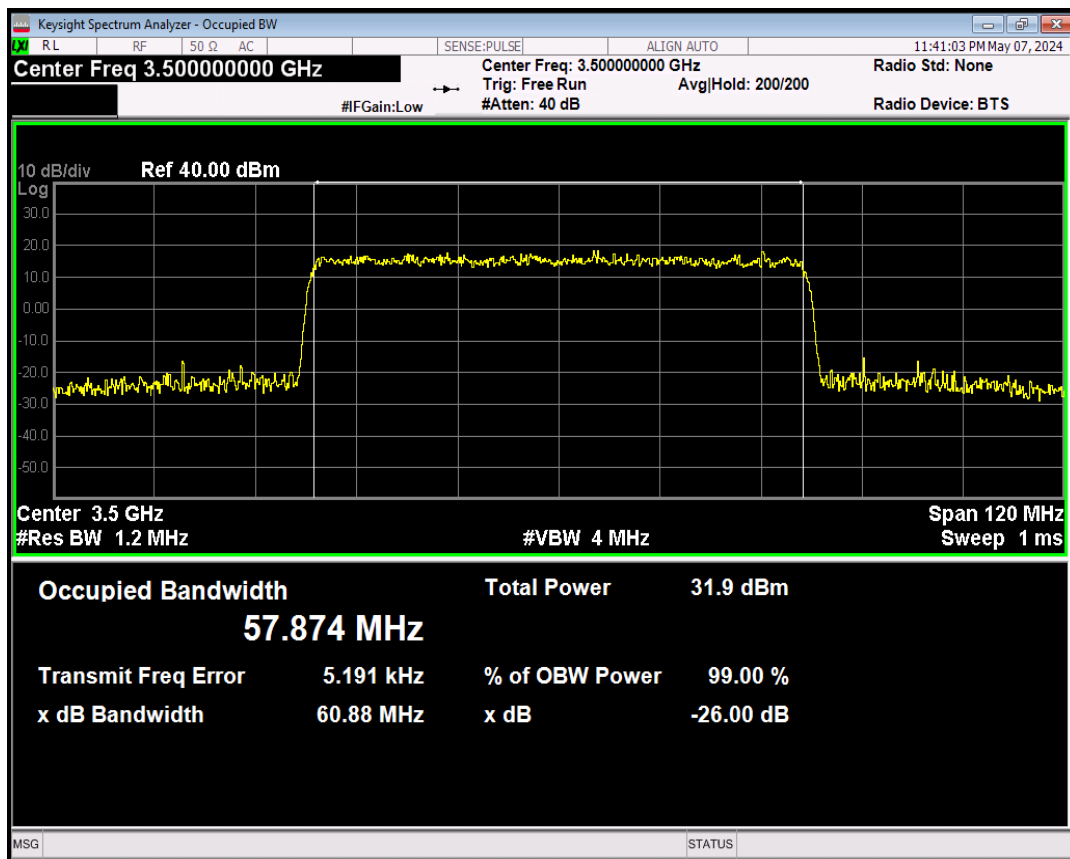
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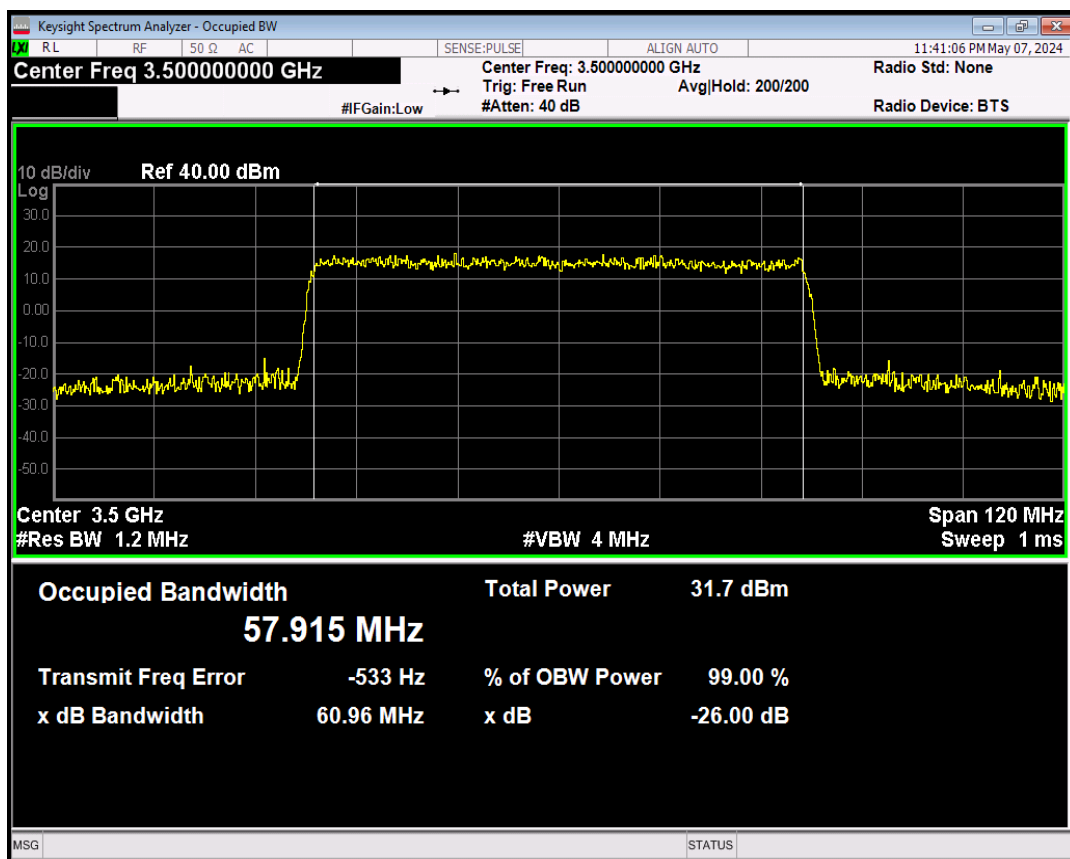
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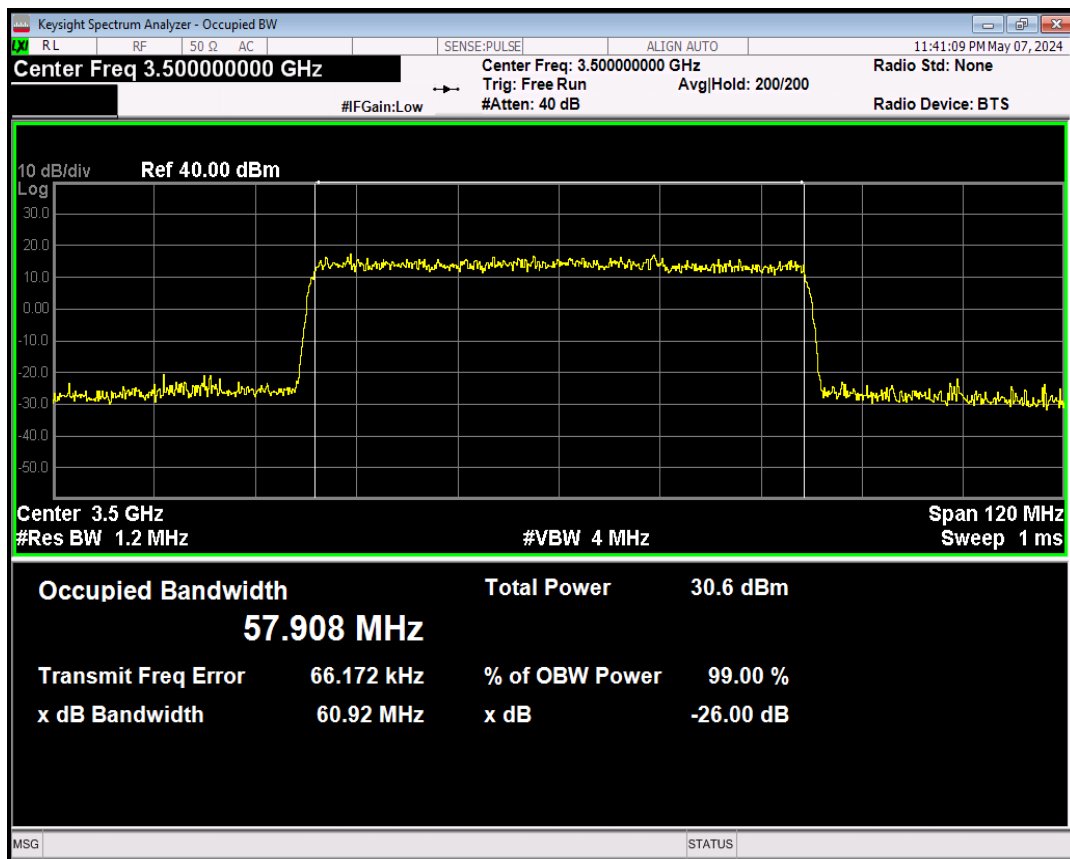
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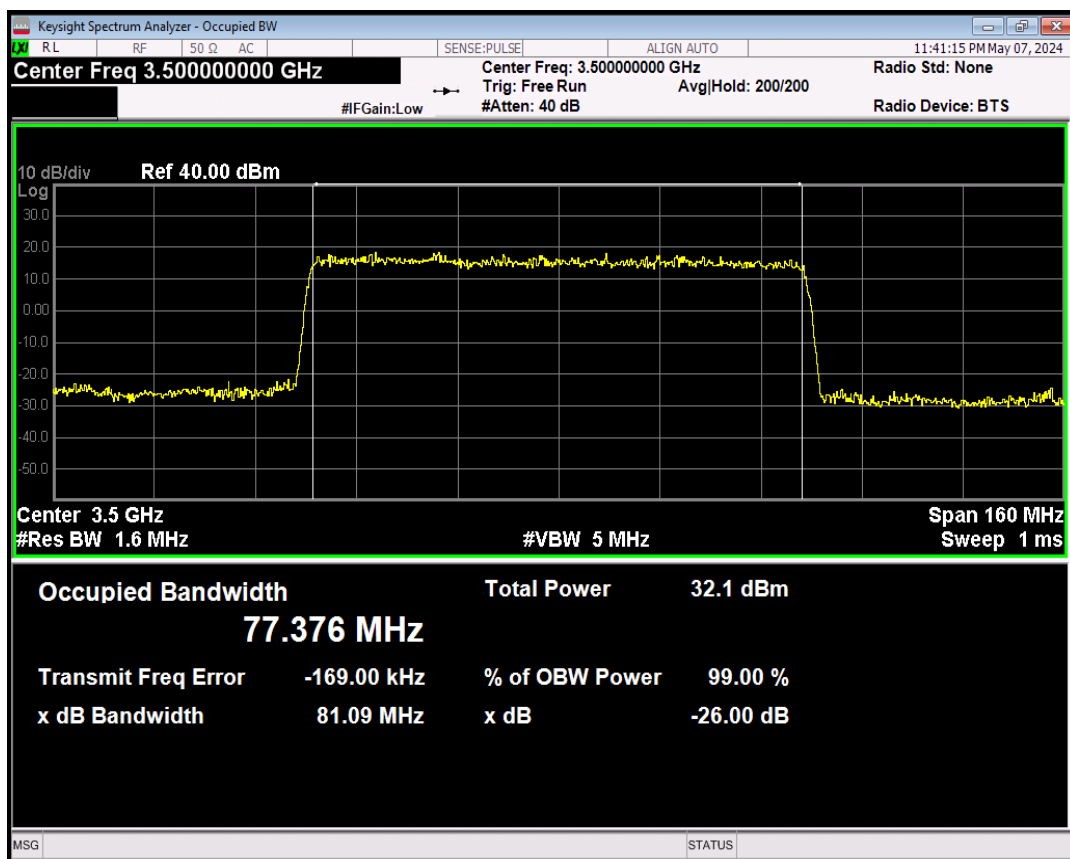
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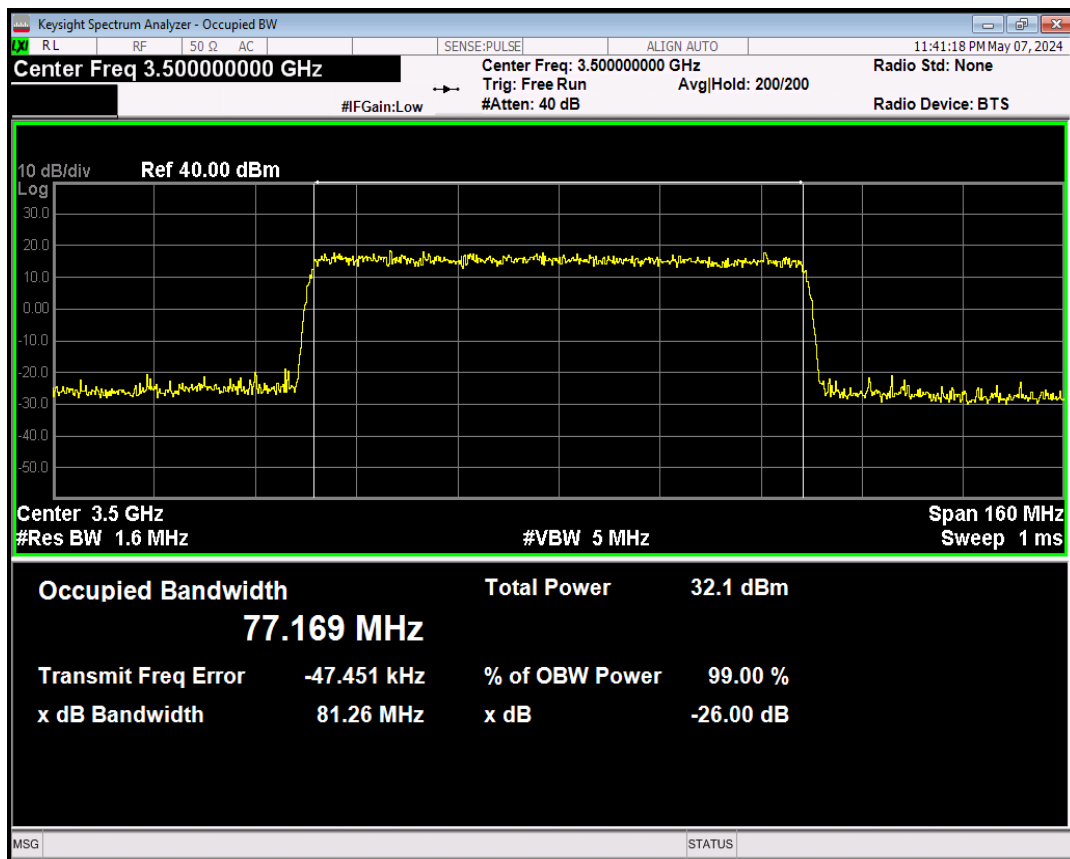
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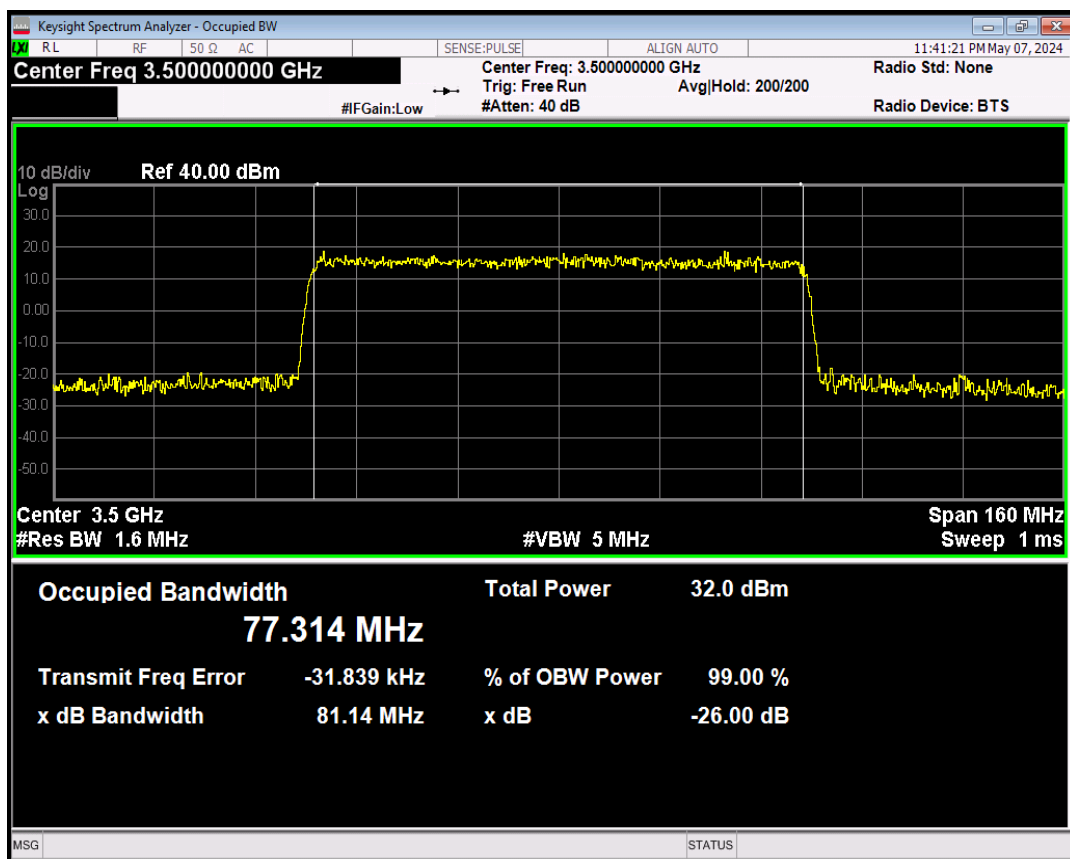
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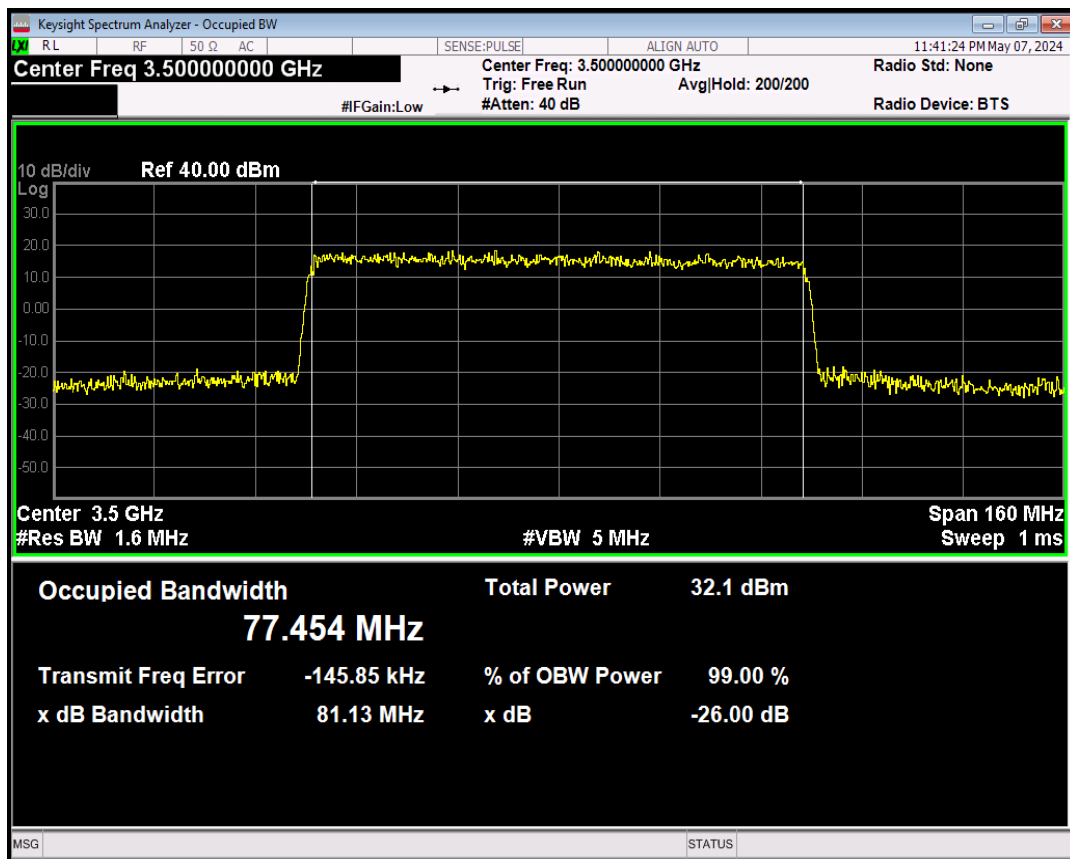
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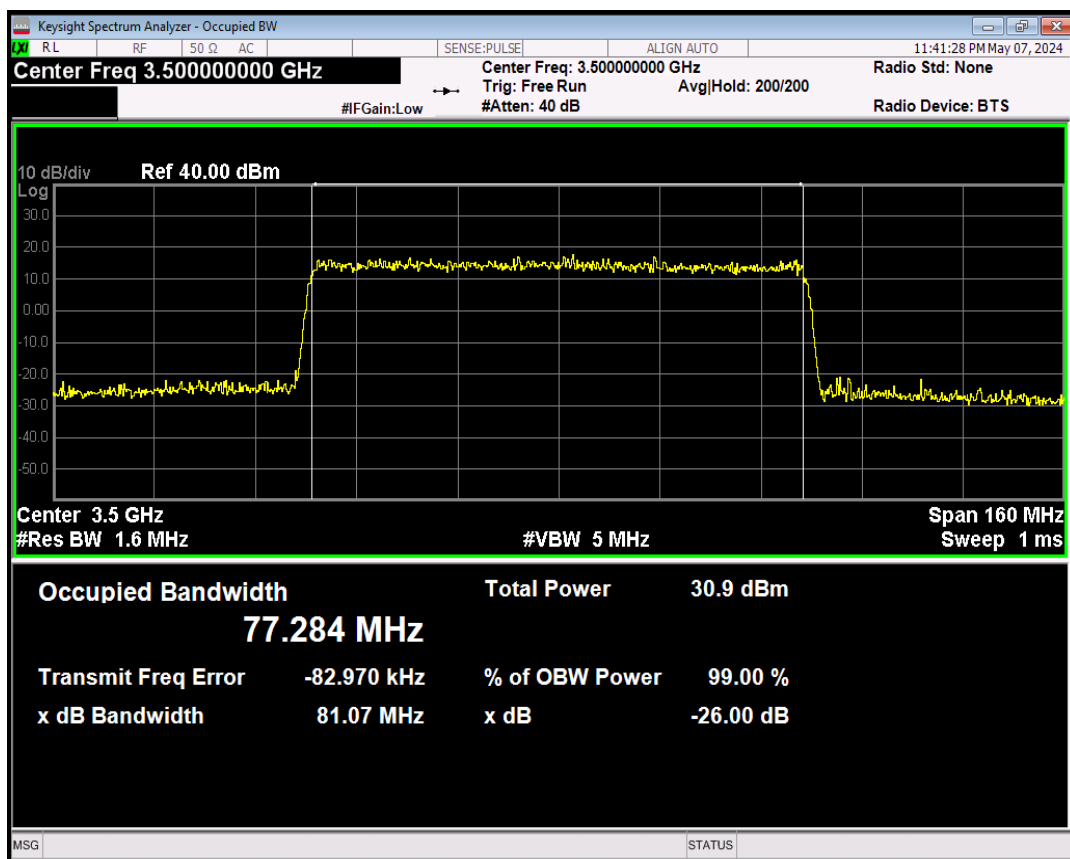
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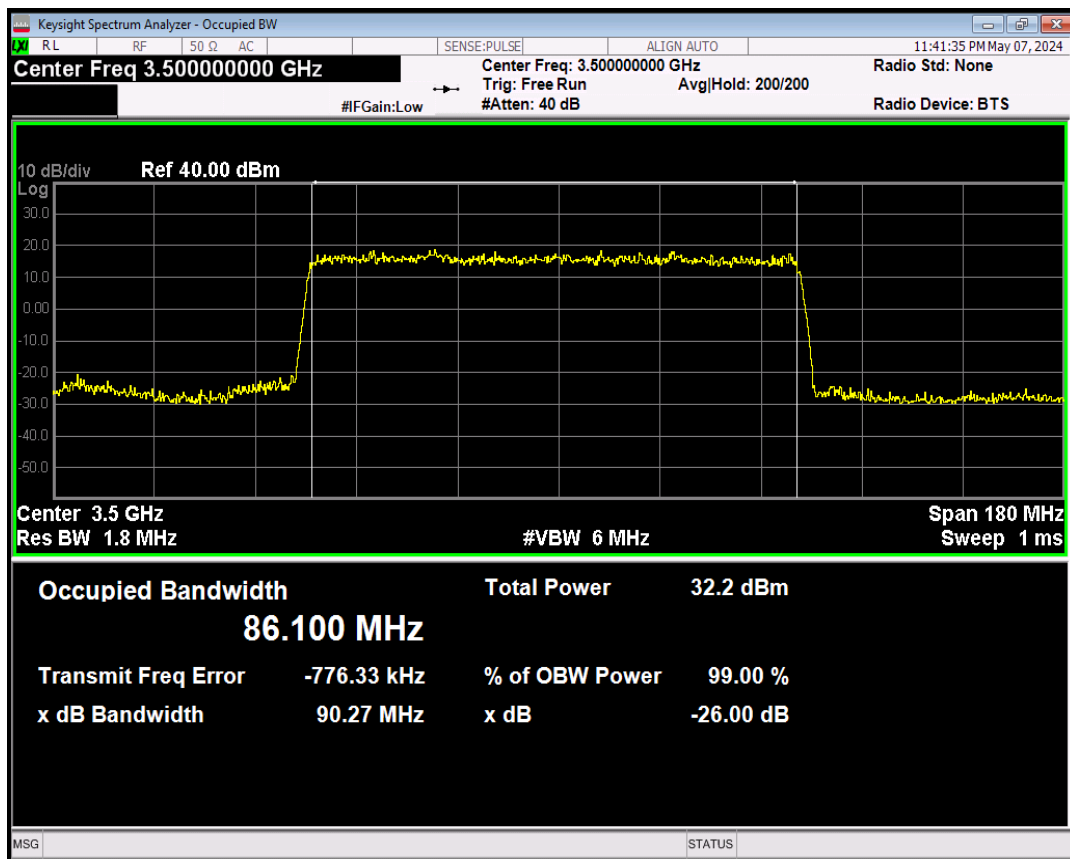
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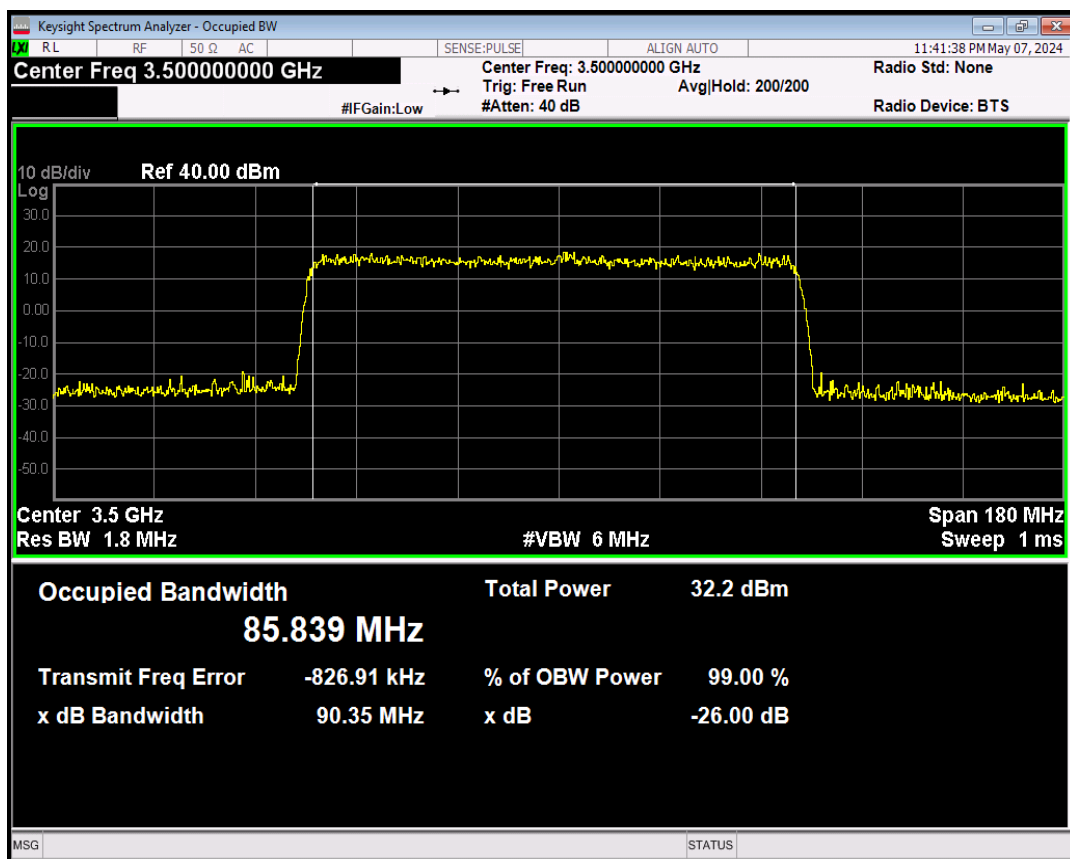
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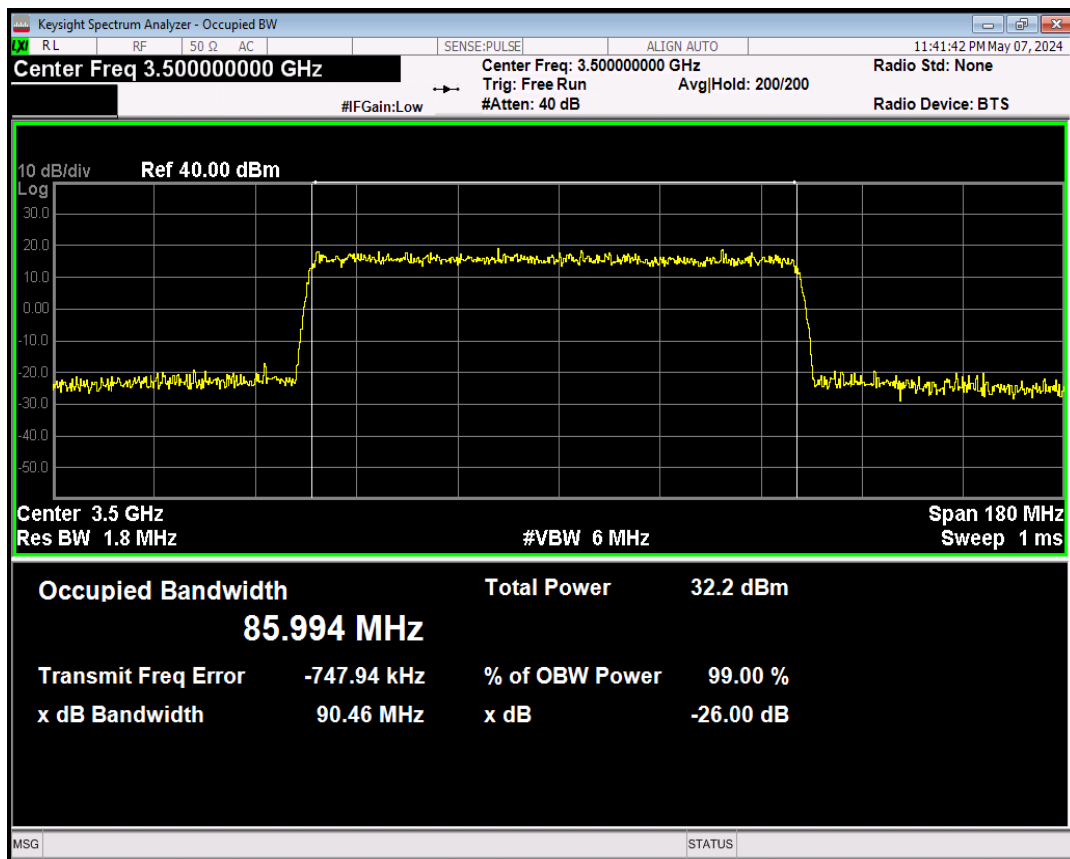
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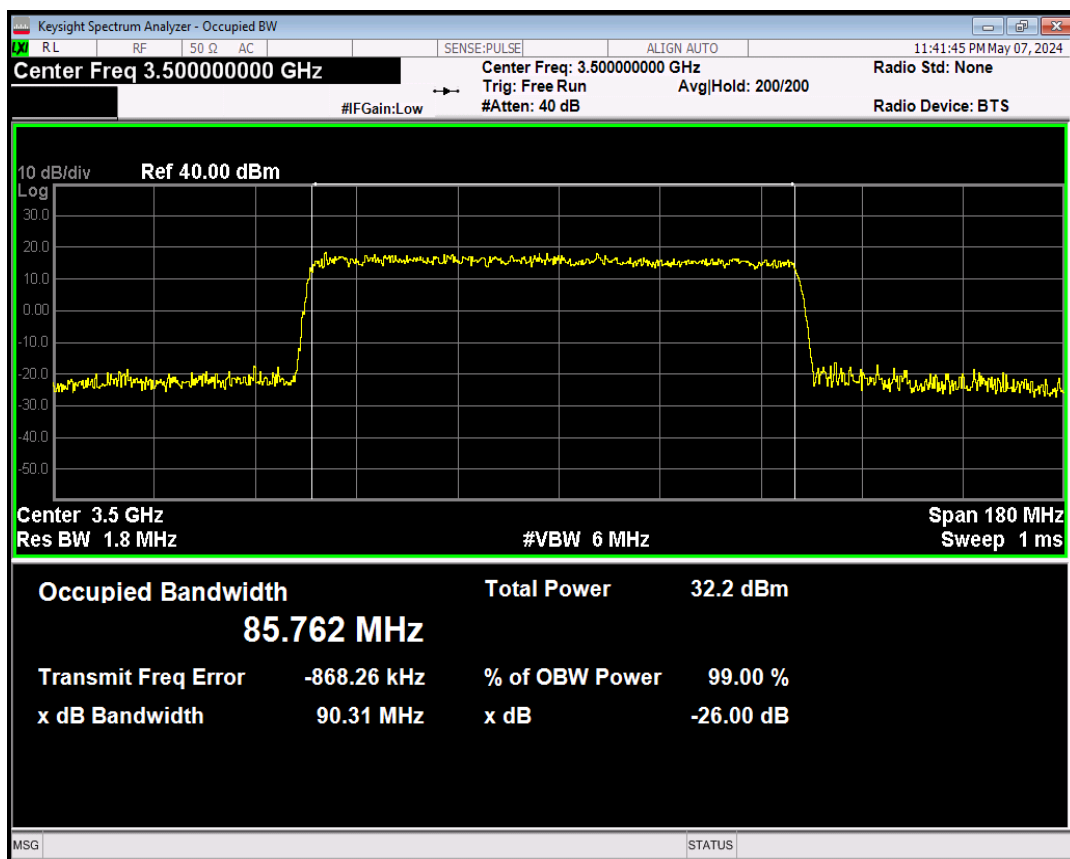
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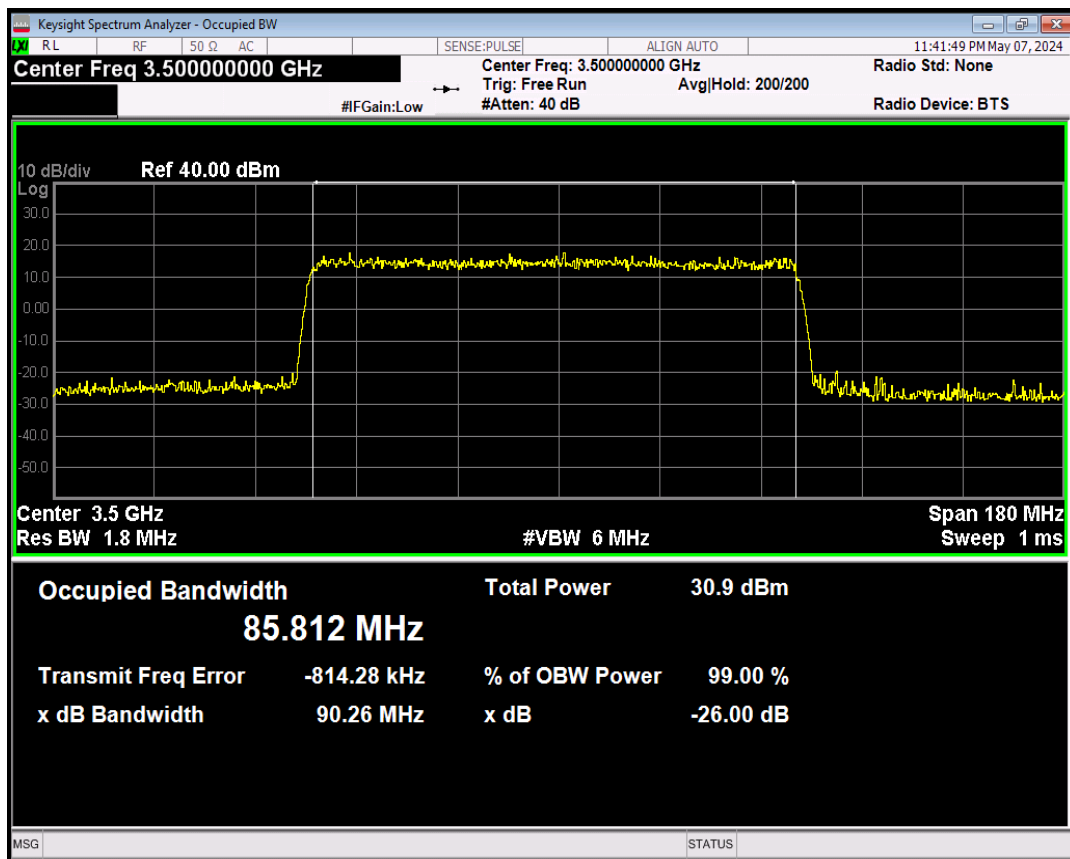
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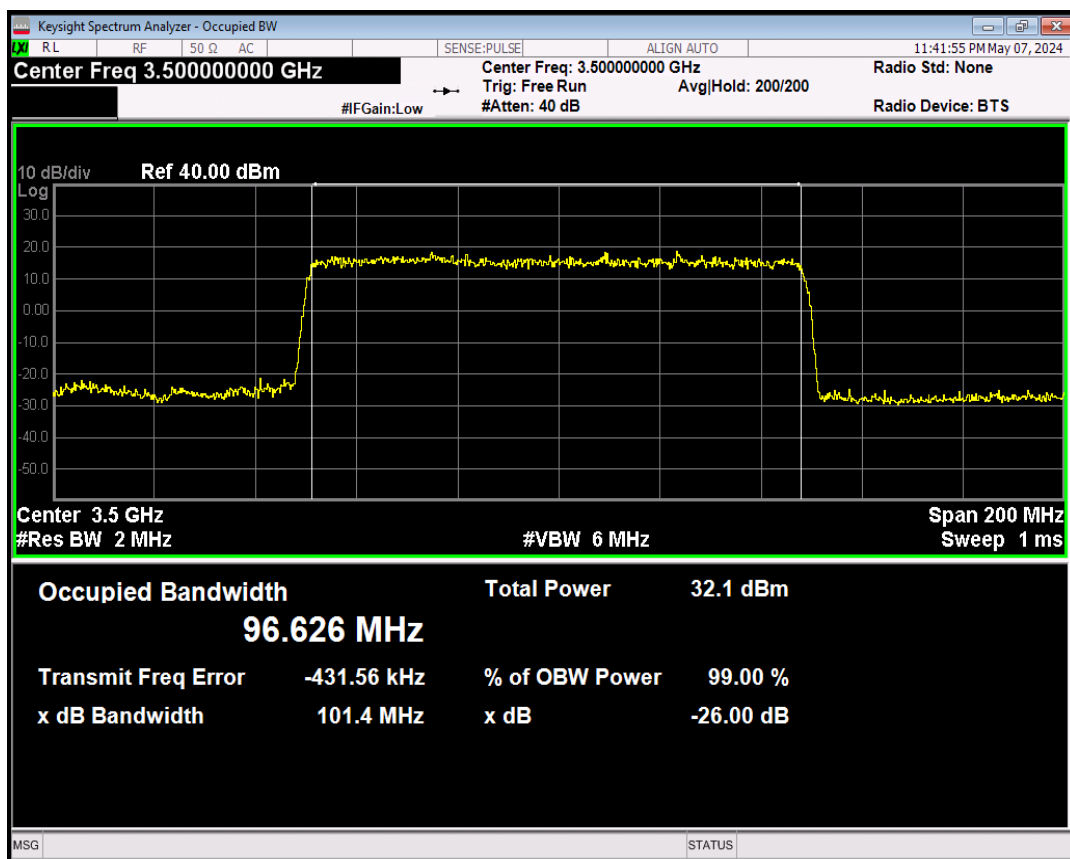
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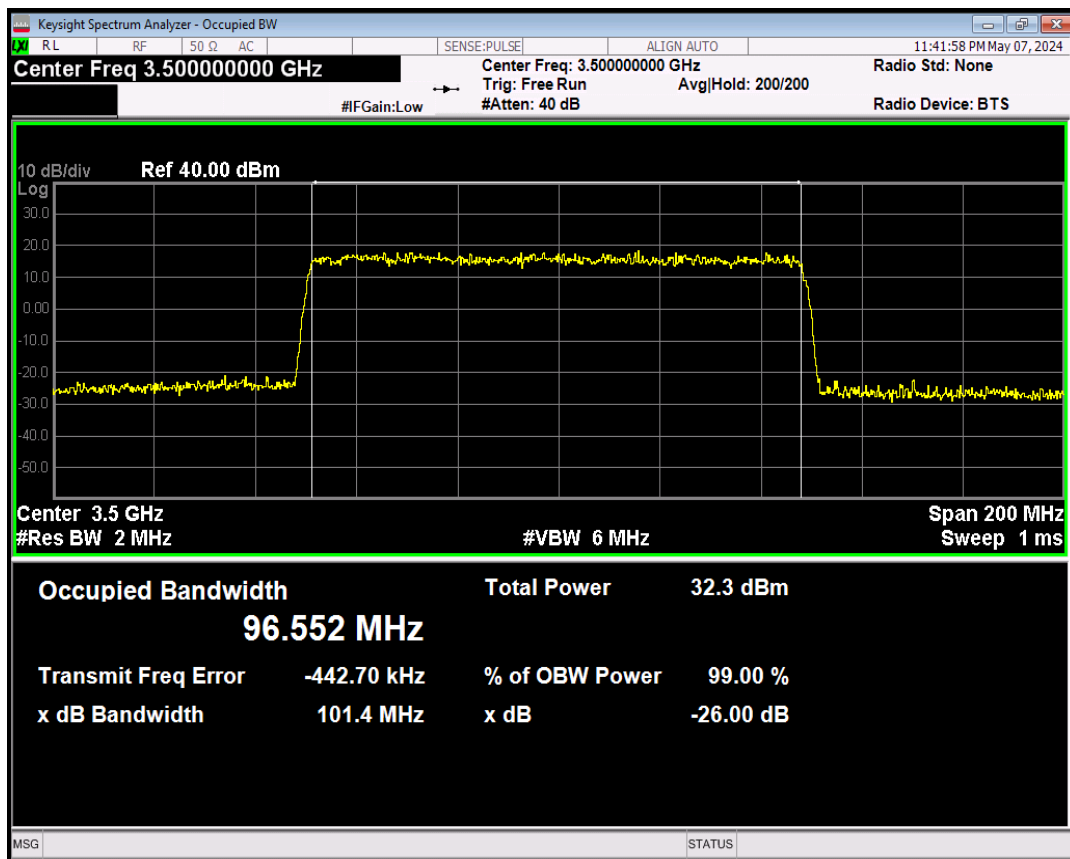
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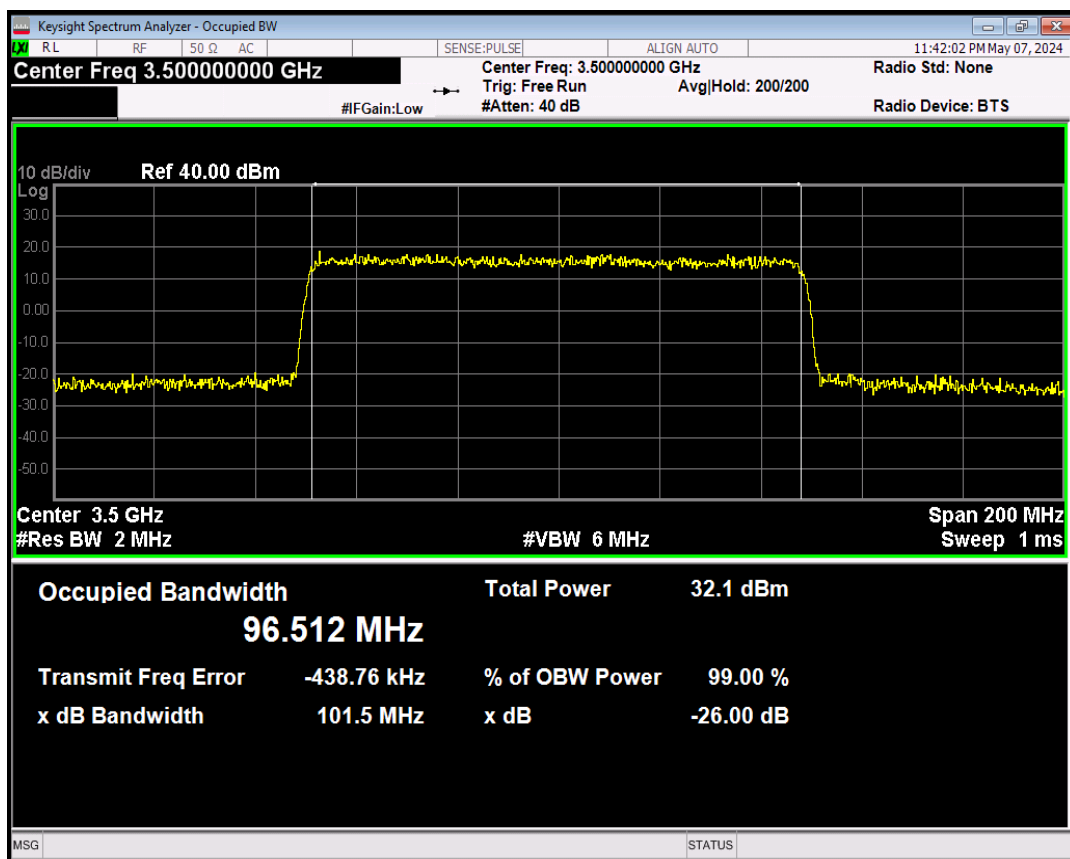
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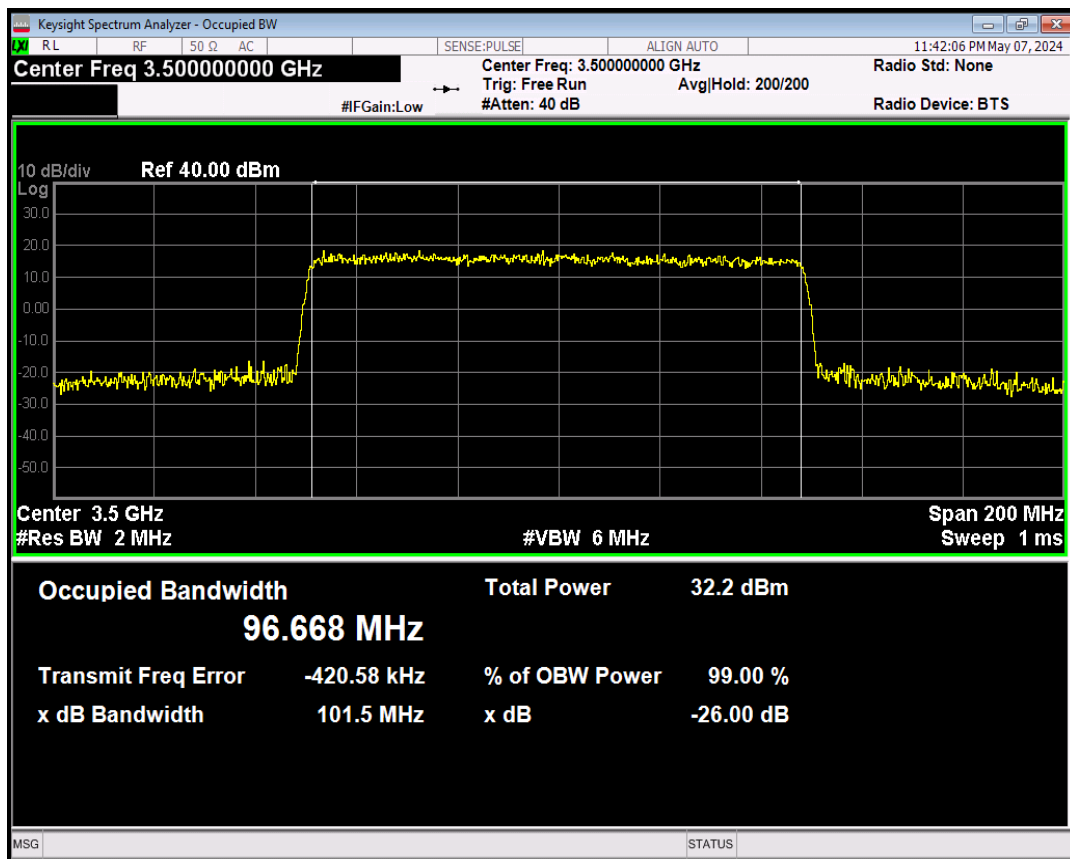
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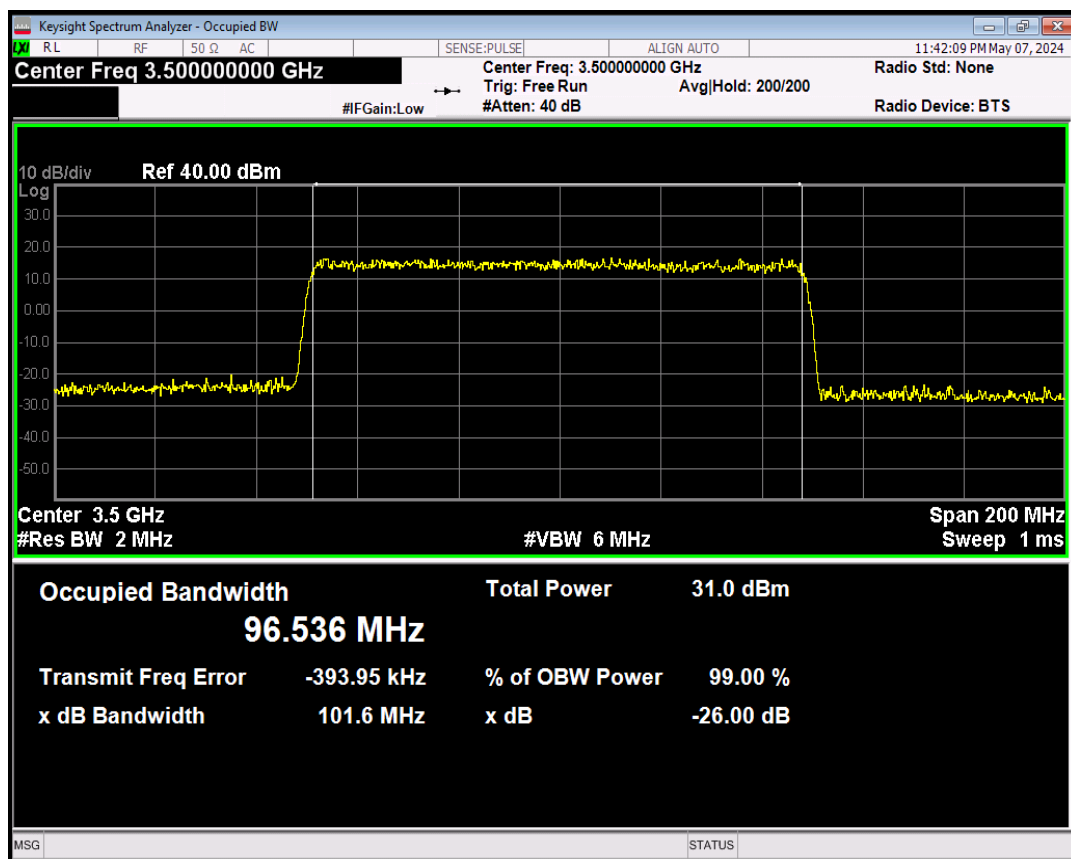
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n78 SCS=30kHz DFT_QAM64 BW=100MHz Channel=633333 RB=270@0



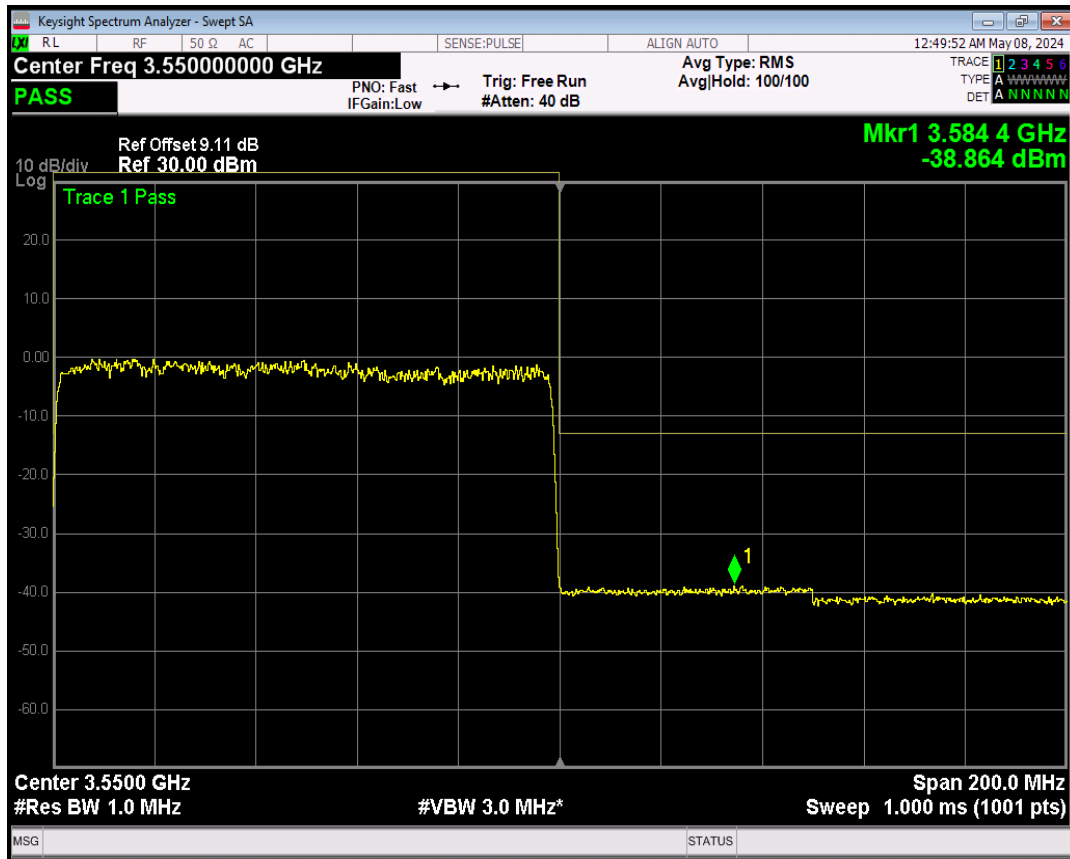
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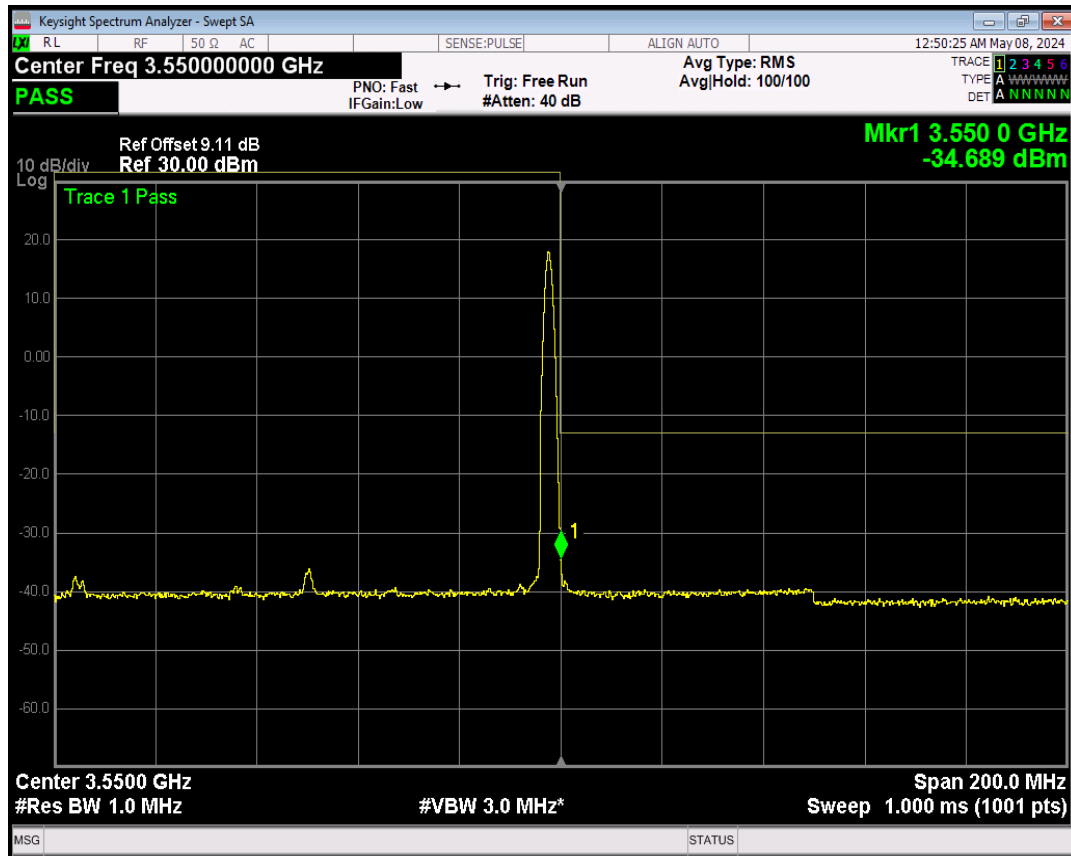
5 Band edge for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78	30	100	633333	270@0	DFT_QPSK	3584.40	-38.86	-13	PASS
n78	30	100	633333	1@272	DFT_QPSK	3550.00	-34.68	-13	PASS

n78 SCS=30kHz DFT_QPSK BW=100MHz Channel=633333 RB=270@0



n78 SCS=30kHz DFT_QPSK BW=100MHz Channel=633333 RB=1@272



6 Out-of-band emissions for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n78	30	10	630334	24@0	CP_QPSK	25526.54	-31.27	-13	PASS
n78	30	10	630334	1@0	CP_QPSK	25134.48	-30.76	-13	PASS
n78	30	10	630334	1@23	CP_QPSK	25532.28	-30.35	-13	PASS
n78	30	10	636333	24@0	CP_QPSK	25267.71	-30.81	-13	PASS
n78	30	10	636333	1@0	CP_QPSK	25586.46	-30.77	-13	PASS
n78	30	10	636333	1@23	CP_QPSK	25223.73	-30.81	-13	PASS
n78	30	15	630500	38@0	CP_QPSK	24511.64	-31.32	-13	PASS
n78	30	15	630500	1@0	CP_QPSK	25240.94	-30.35	-13	PASS
n78	30	15	630500	1@37	CP_QPSK	25341.03	-30.87	-13	PASS
n78	30	15	636166	38@0	CP_QPSK	25226.28	-30.82	-13	PASS
n78	30	15	636166	1@0	CP_QPSK	25578.18	-30.03	-13	PASS
n78	30	15	636166	1@37	CP_QPSK	26160.85	-30.82	-13	PASS
n78	30	20	630667	51@0	CP_QPSK	25319.99	-30.61	-13	PASS
n78	30	20	630667	1@0	CP_QPSK	25050.33	-31.06	-13	PASS
n78	30	20	630667	1@50	CP_QPSK	26144.28	-29.73	-13	PASS
n78	30	20	636000	51@0	CP_QPSK	25253.05	-30.49	-13	PASS
n78	30	20	636000	1@0	CP_QPSK	25288.75	-31.04	-13	PASS
n78	30	20	636000	1@50	CP_QPSK	25216.08	-31.22	-13	PASS
n78	30	40	631334	106@0	CP_QPSK	25559.69	-30.36	-13	PASS