

ANNEX GSM DATA

FCC ID: 2BMFB-X3100

Applicant: FIREPIT INC.

Address: 1401 LAVACA ST PMB 40573 AUSTIN,TX,78701 United States of America

Manufacturer: Umeox Innovations Co., Ltd

Address: 1901, Block A, Building 8, Shenzhen International Innovation Valley, Dashi 1st Road, Xili Community, Xili Subdistrict, Nanshan District, Shenzhen, China

EUT: Pinwheel Watch

Trade Mark: Pinwheel

Model Number: X3100

Date of Receipt: Nov. 15, 2024

Test Date: Nov. 15, 2024 - Dec. 15, 2024

Date of Report: Dec. 15, 2024

Prepared By: Shenzhen DL Testing Technology Co., Ltd.

Address: 101-201, Building C, Shuanghuan, No.8, Baoqing Road, Baolong Industrial Zone, Baolong Street, Longgang District, Shenzhen, Guangdong, China

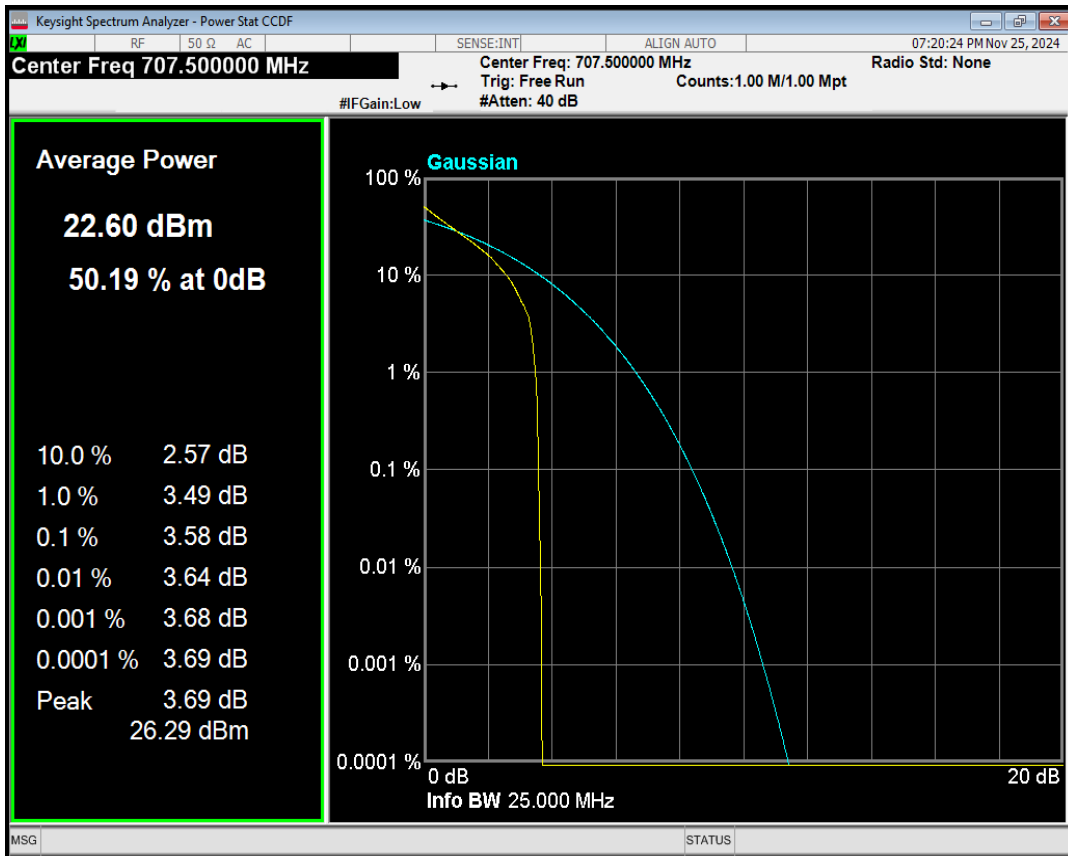
Applicable Standards: FCC Part 2 Subpart J,
Part 22 Subpart H,
Part 24 Subpart E,
Part 27
FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
ANSI C63.26:2015, ANSI/TIA-603-E-2016

03 Peak-to-Average Ratio

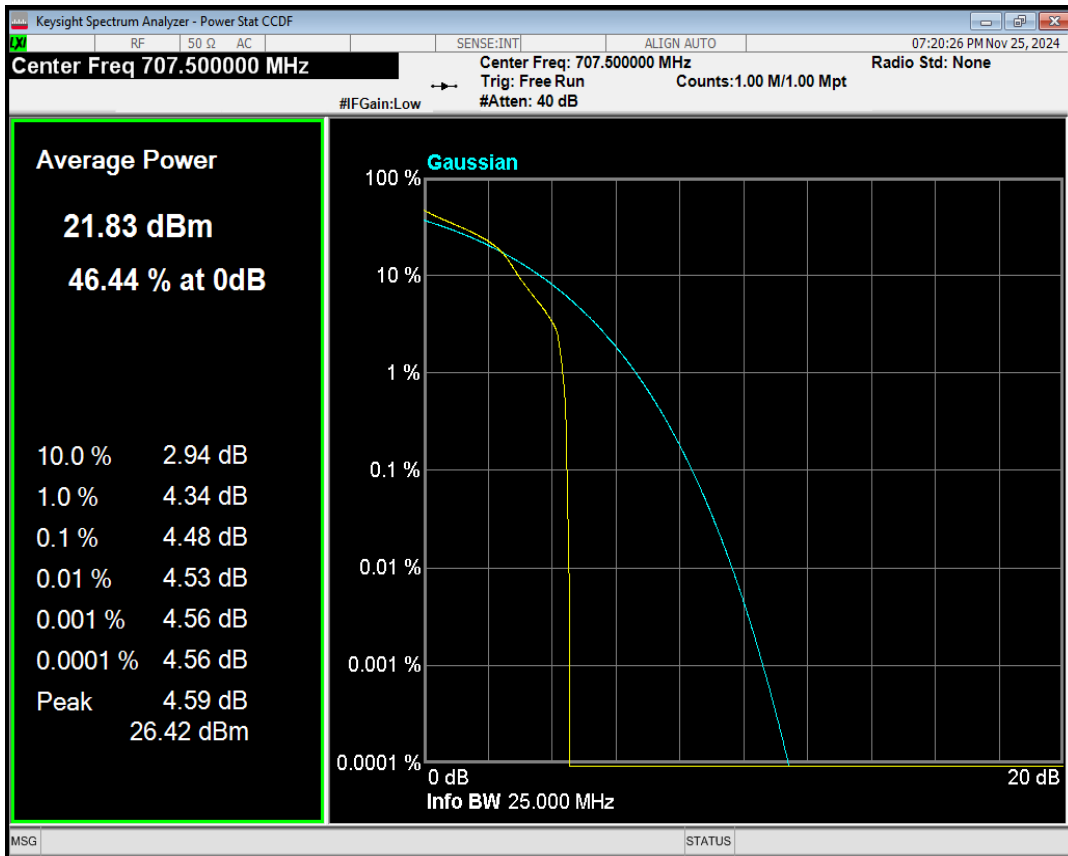
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band12	1.4	23095	1	#0	QPSK	3.58	13	PASS
Band12	1.4	23095	1	#0	QAM16	4.48	13	PASS
Band12	3	23095	1	#0	QPSK	3.58	13	PASS
Band12	3	23095	1	#0	QAM16	4.49	13	PASS
Band12	5	23095	1	#0	QPSK	3.64	13	PASS
Band12	5	23095	1	#0	QAM16	4.53	13	PASS
Band12	10	23095	1	#0	QPSK	3.69	13	PASS
Band12	10	23095	1	#0	QAM16	4.46	13	PASS
Band17	5	23790	1	#0	QPSK	4.56	13	PASS
Band17	5	23790	1	#0	QAM16	5.31	13	PASS
Band17	10	23790	1	#0	QPSK	4.41	13	PASS
Band17	10	23790	1	#0	QAM16	5.31	13	PASS
Band2	1.4	18900	1	#0	QPSK	5.25	13	PASS
Band2	1.4	18900	1	#0	QAM16	6.17	13	PASS
Band2	3	18900	1	#0	QPSK	5.24	13	PASS
Band2	3	18900	1	#0	QAM16	6.10	13	PASS
Band2	5	18900	1	#0	QPSK	5.15	13	PASS
Band2	5	18900	1	#0	QAM16	6.06	13	PASS
Band2	10	18900	1	#0	QPSK	4.97	13	PASS
Band2	10	18900	1	#0	QAM16	5.73	13	PASS
Band2	15	18900	1	#0	QPSK	4.74	13	PASS
Band2	15	18900	1	#0	QAM16	5.54	13	PASS
Band2	20	18900	1	#0	QPSK	4.54	13	PASS
Band2	20	18900	1	#0	QAM16	5.30	13	PASS
Band4	1.4	20175	1	#0	QPSK	4.60	13	PASS
Band4	1.4	20175	1	#0	QAM16	5.43	13	PASS
Band4	3	20175	1	#0	QPSK	4.64	13	PASS
Band4	3	20175	1	#0	QAM16	5.40	13	PASS
Band4	5	20175	1	#0	QPSK	4.59	13	PASS
Band4	5	20175	1	#0	QAM16	5.43	13	PASS
Band4	10	20175	1	#0	QPSK	4.60	13	PASS
Band4	10	20175	1	#0	QAM16	5.40	13	PASS
Band4	15	20175	1	#0	QPSK	4.61	13	PASS
Band4	15	20175	1	#0	QAM16	5.39	13	PASS
Band4	20	20175	1	#0	QPSK	4.60	13	PASS
Band4	20	20175	1	#0	QAM16	5.36	13	PASS
Band5	1.4	20525	1	#0	QPSK	4.92	13	PASS
Band5	1.4	20525	1	#0	QAM16	5.79	13	PASS
Band5	3	20525	1	#0	QPSK	5.02	13	PASS
Band5	3	20525	1	#0	QAM16	5.77	13	PASS
Band5	5	20525	1	#0	QPSK	4.93	13	PASS
Band5	5	20525	1	#0	QAM16	5.78	13	PASS

Band5	10	20525	1	#0	QPSK	4.63	13	PASS
Band5	10	20525	1	#0	QAM16	5.43	13	PASS
Band66	1.4	132322	1	#0	QPSK	4.43	13	PASS
Band66	1.4	132322	1	#0	QAM16	5.22	13	PASS
Band66	3	132322	1	#0	QPSK	4.42	13	PASS
Band66	3	132322	1	#0	QAM16	5.19	13	PASS
Band66	5	132322	1	#0	QPSK	4.37	13	PASS
Band66	5	132322	1	#0	QAM16	5.26	13	PASS
Band66	10	132322	1	#0	QPSK	5.03	13	PASS
Band66	10	132322	1	#0	QAM16	5.10	13	PASS
Band66	15	132322	1	#0	QPSK	5.12	13	PASS
Band66	15	132322	1	#0	QAM16	5.17	13	PASS
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Band66	20	132322	1	#0	QAM16	6.24	13	PASS

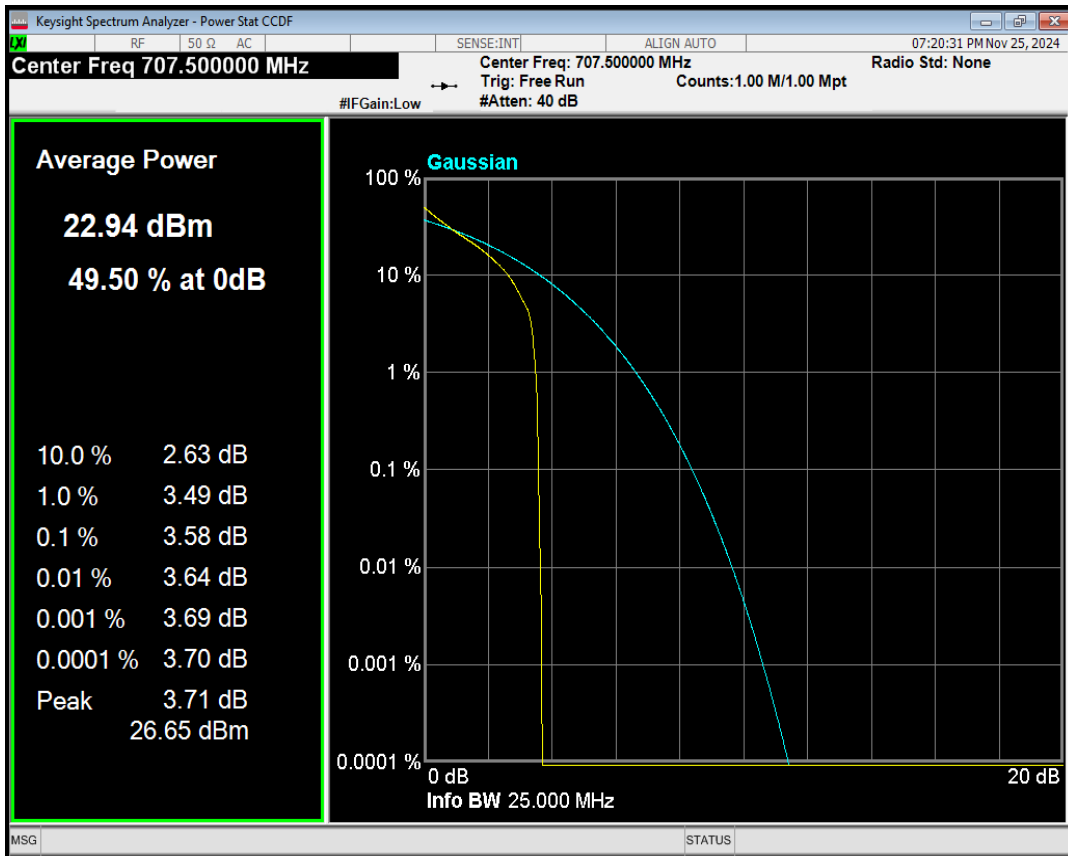
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=1 Position=#0



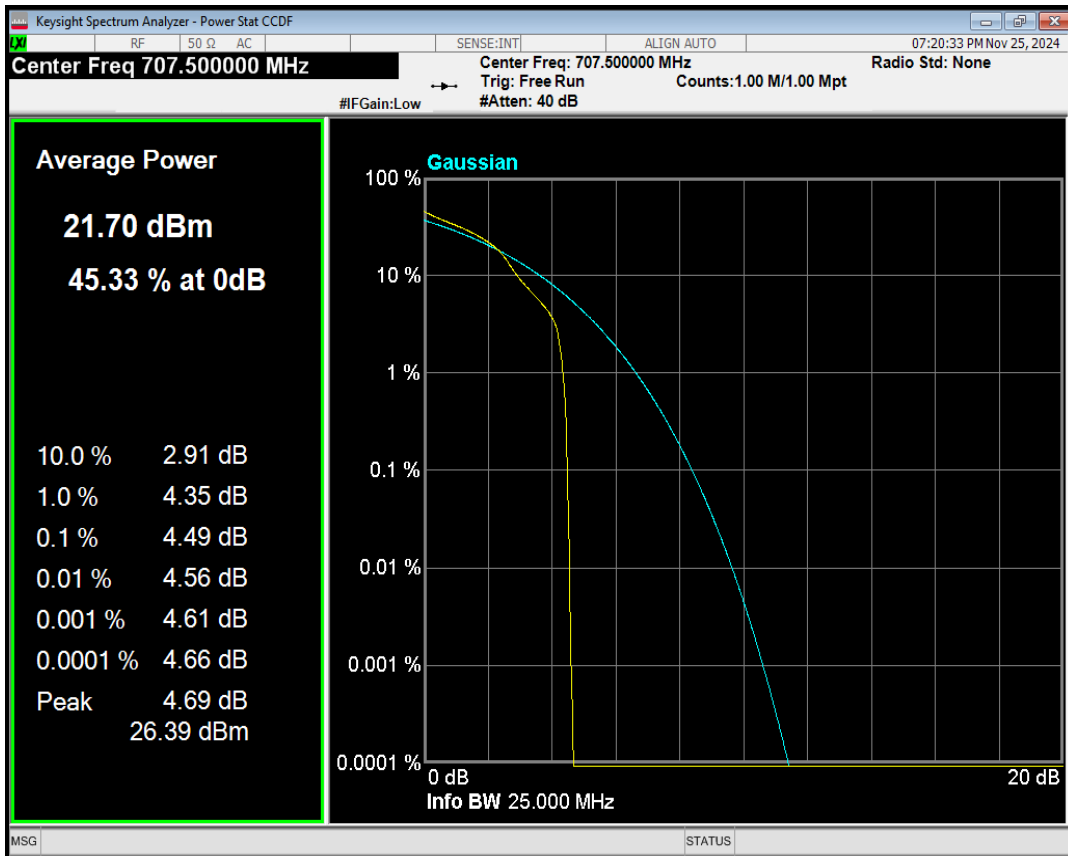
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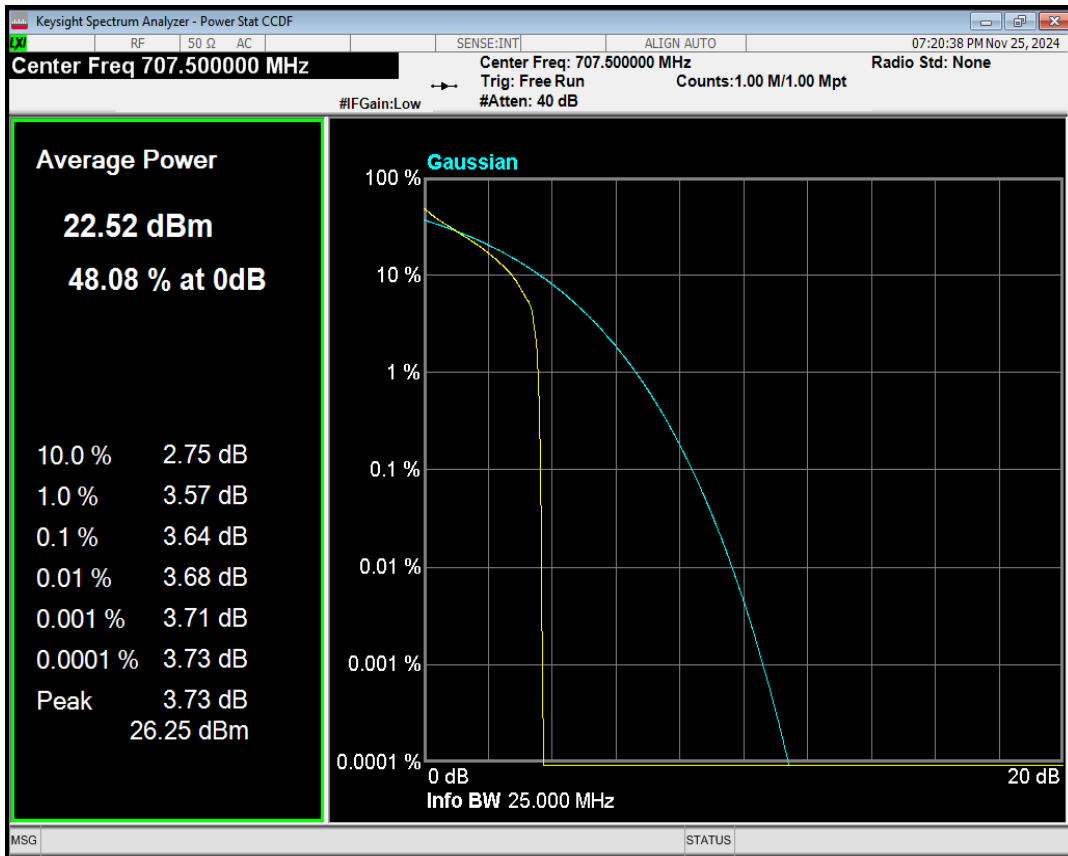
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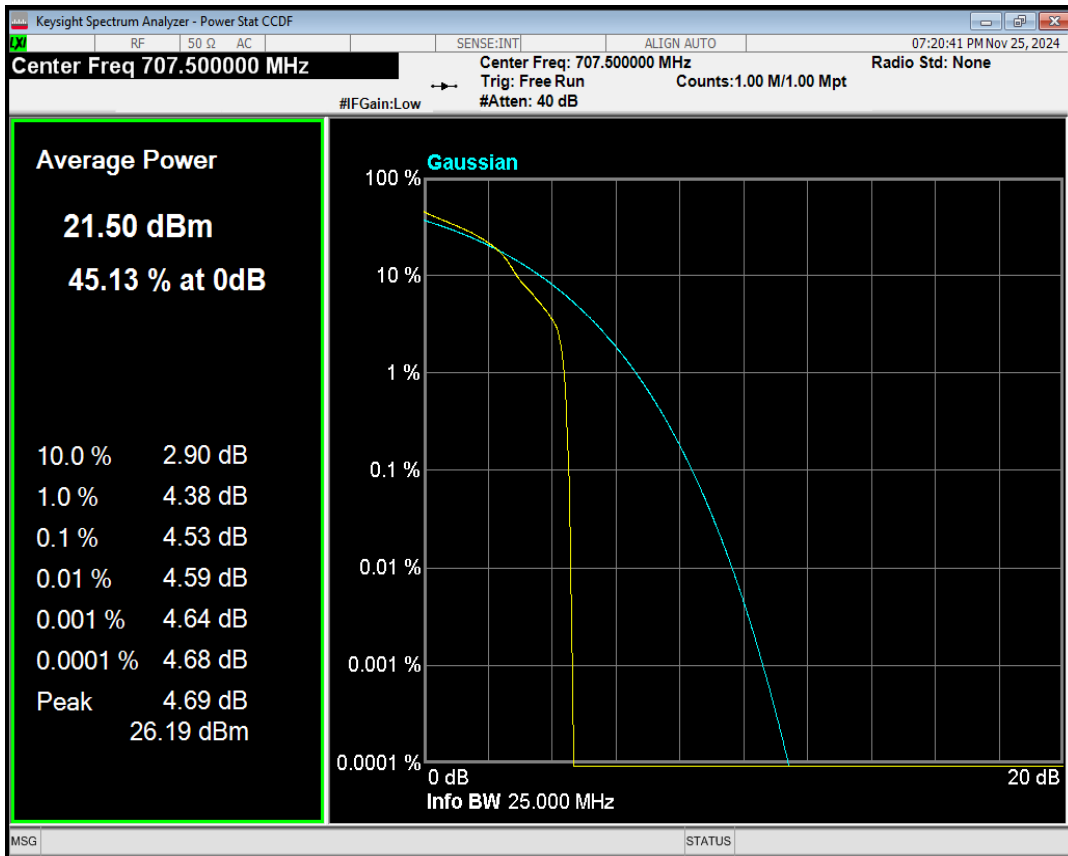
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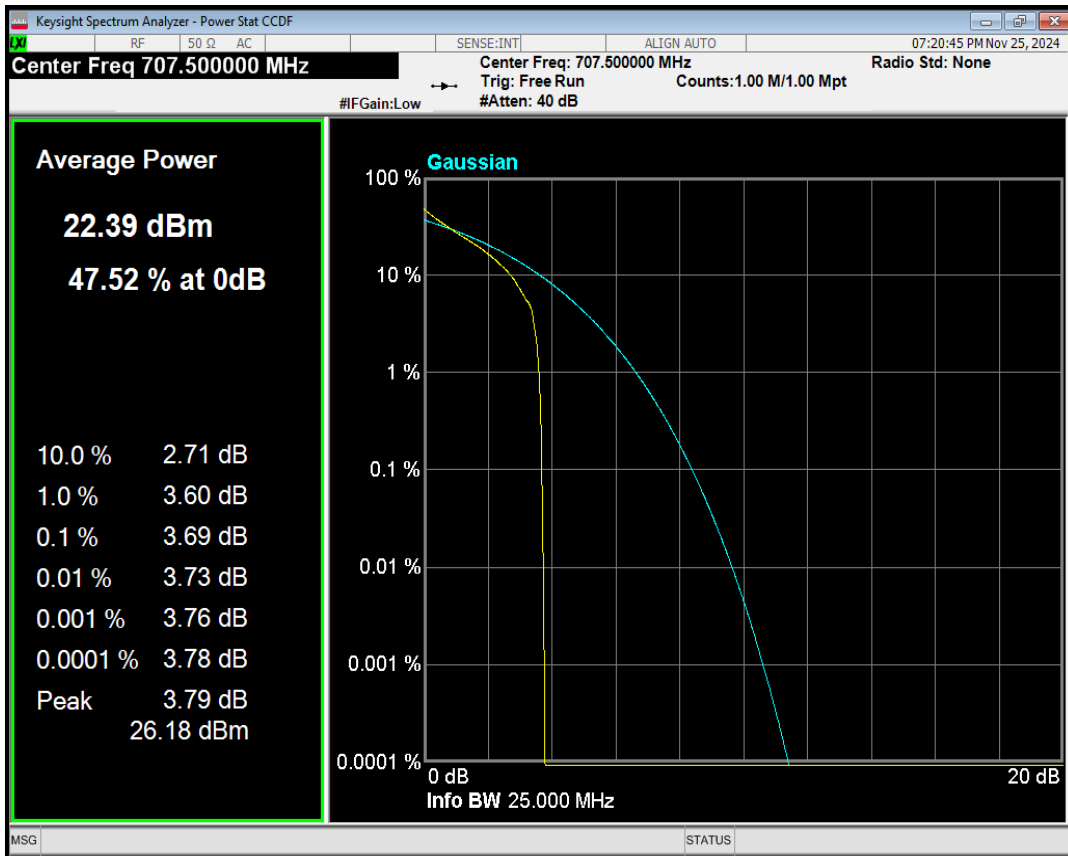
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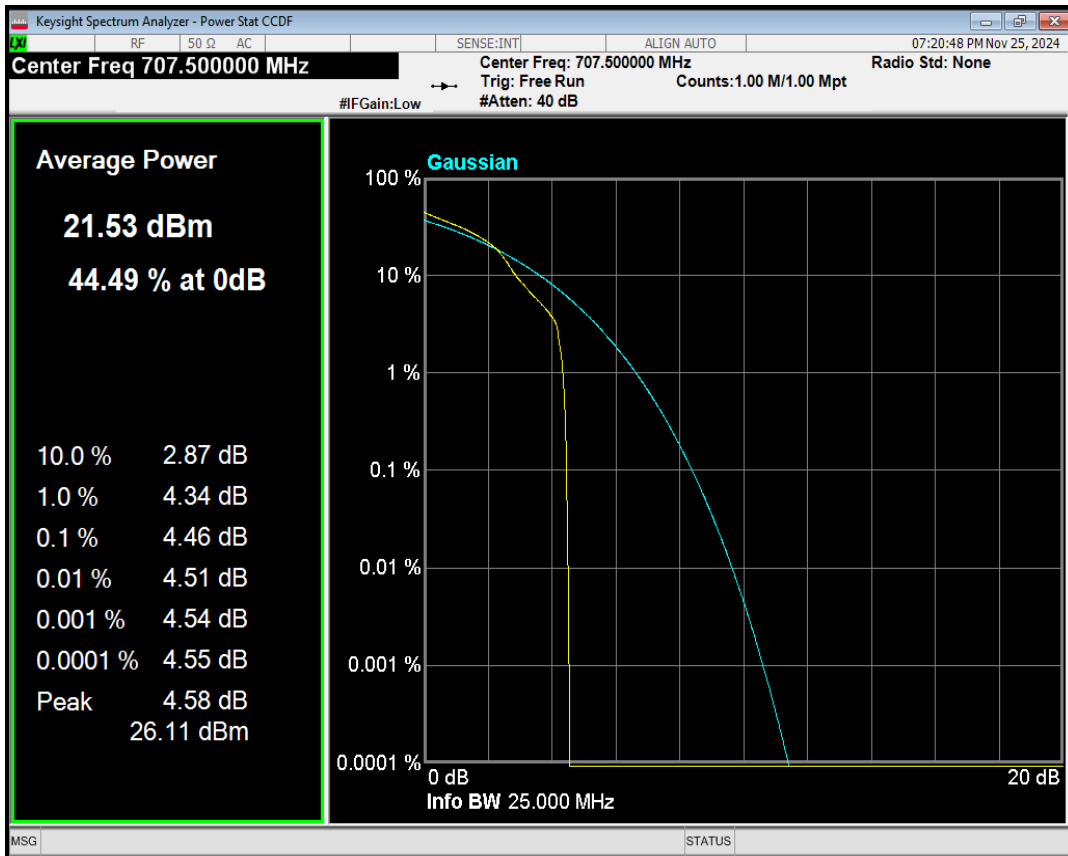
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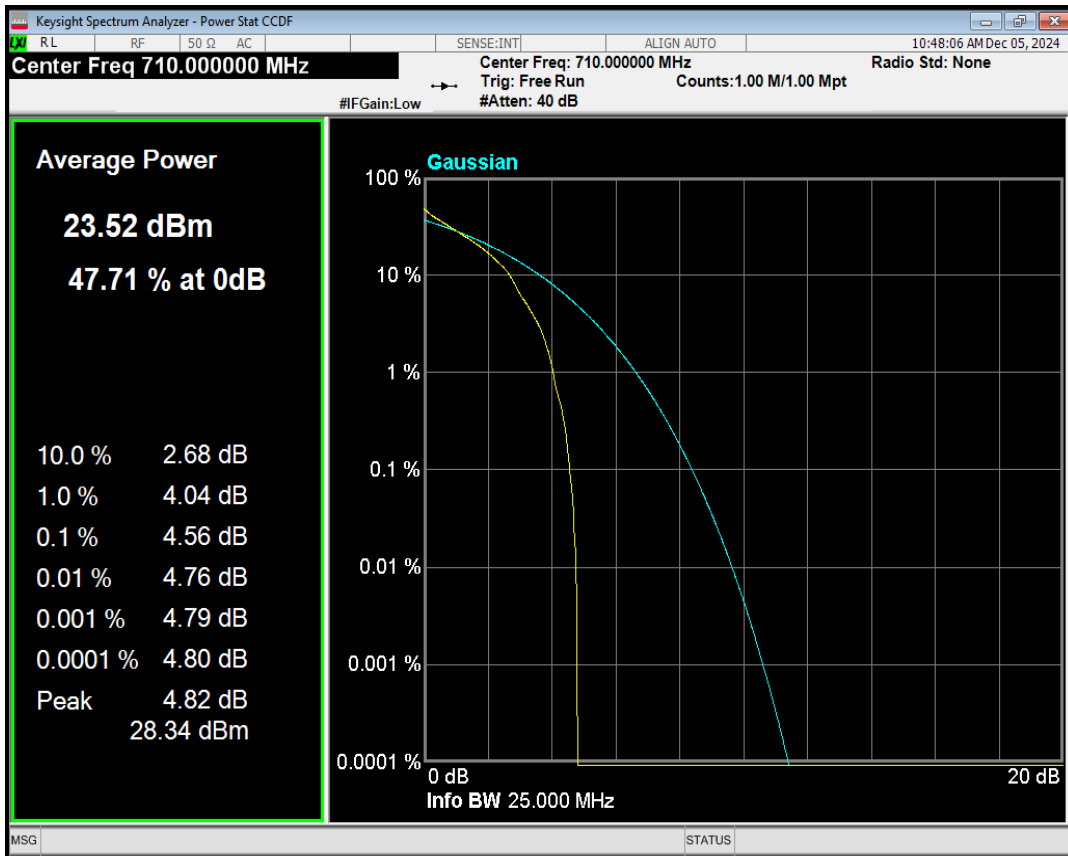
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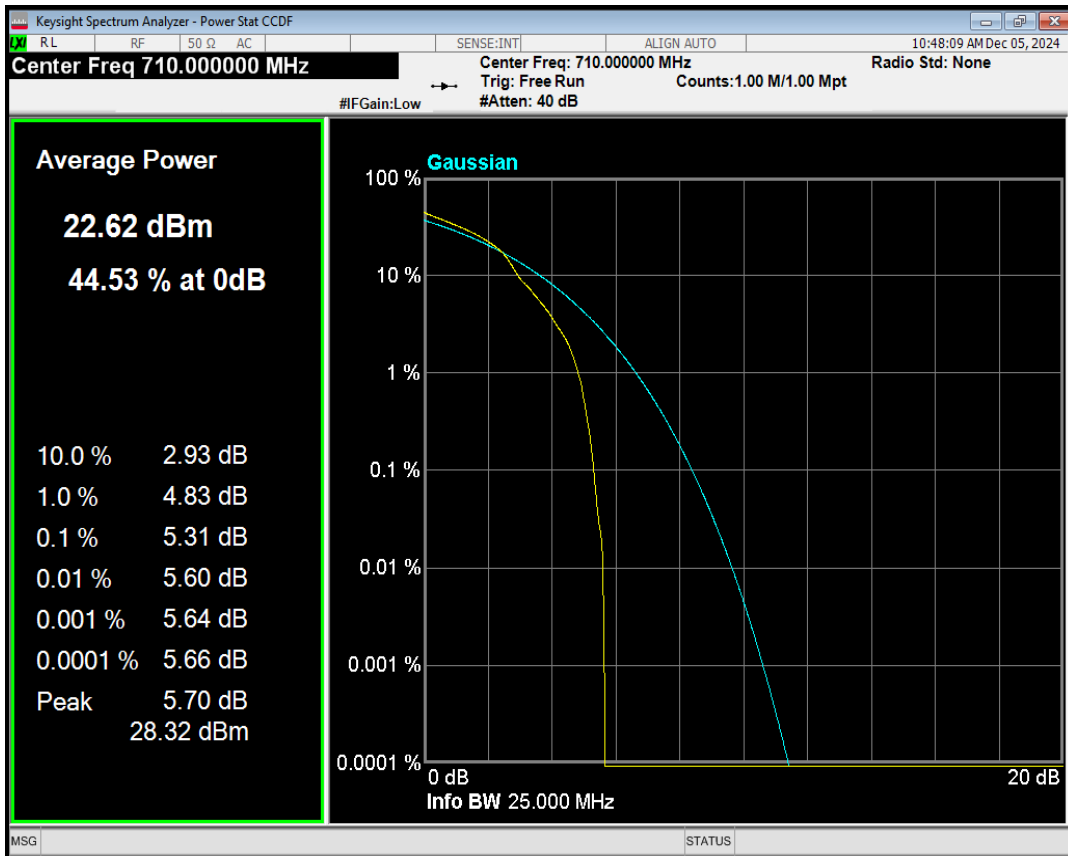
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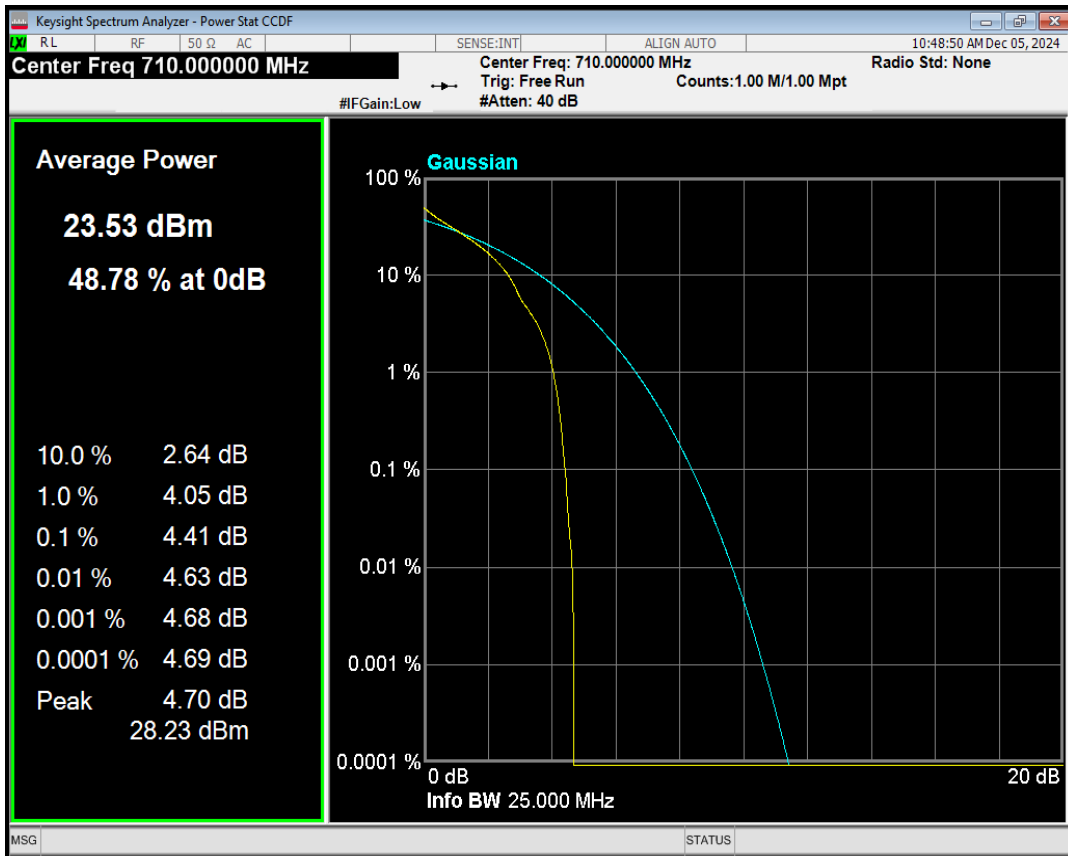
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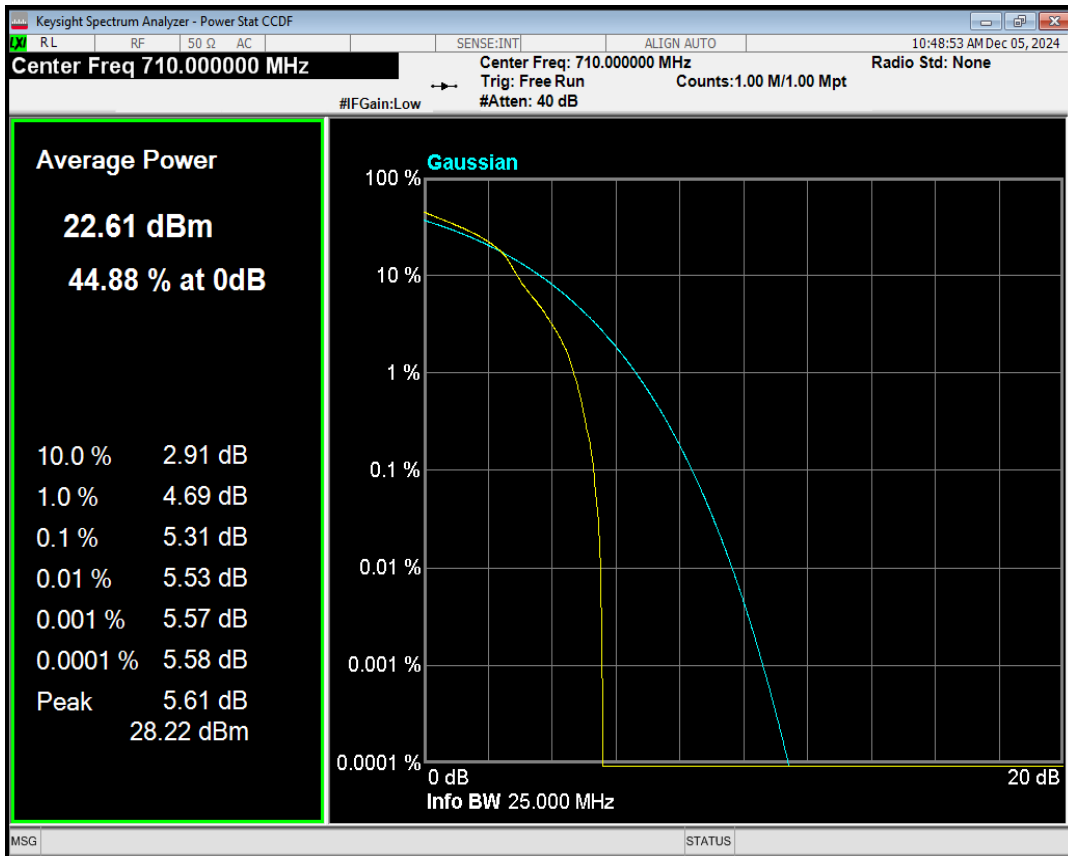
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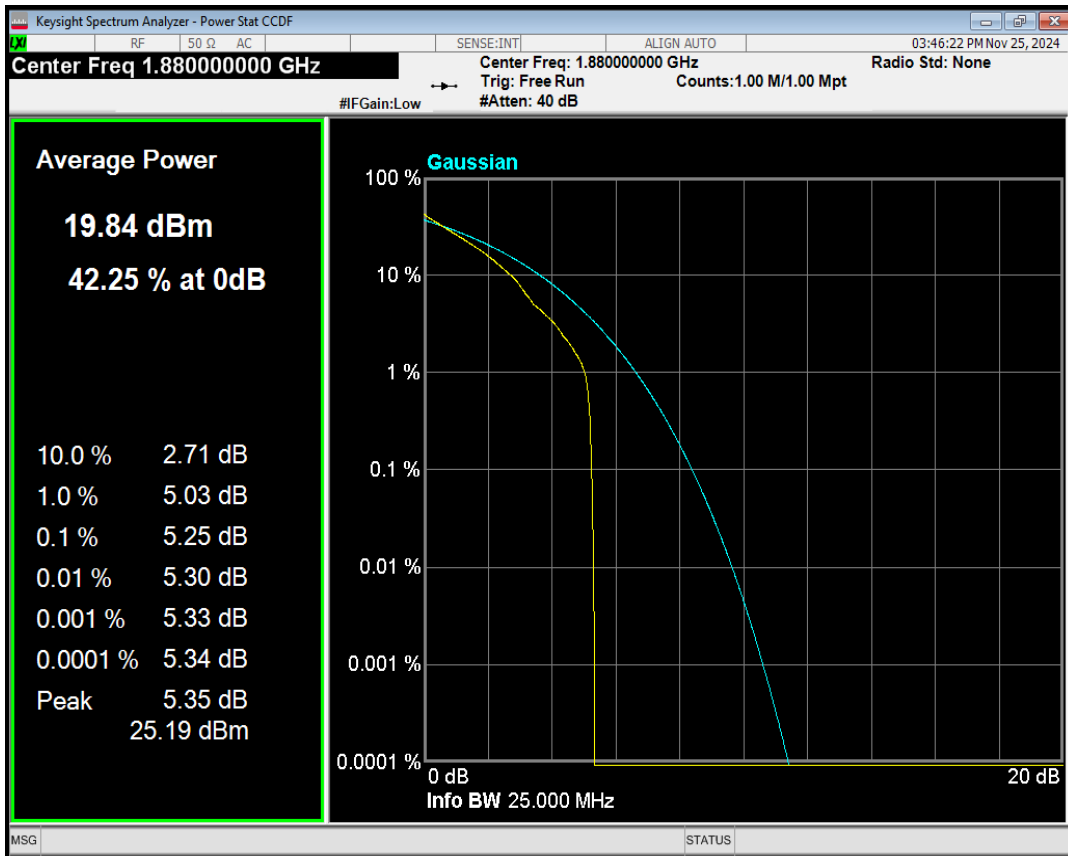
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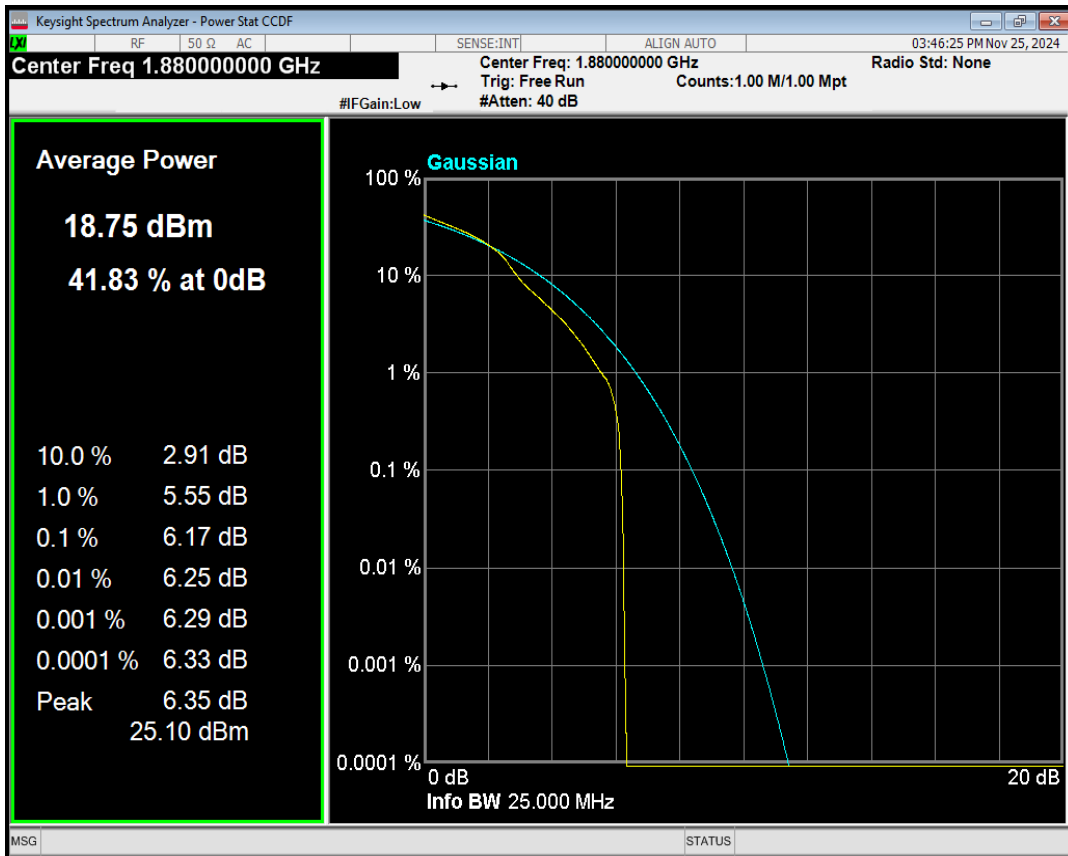
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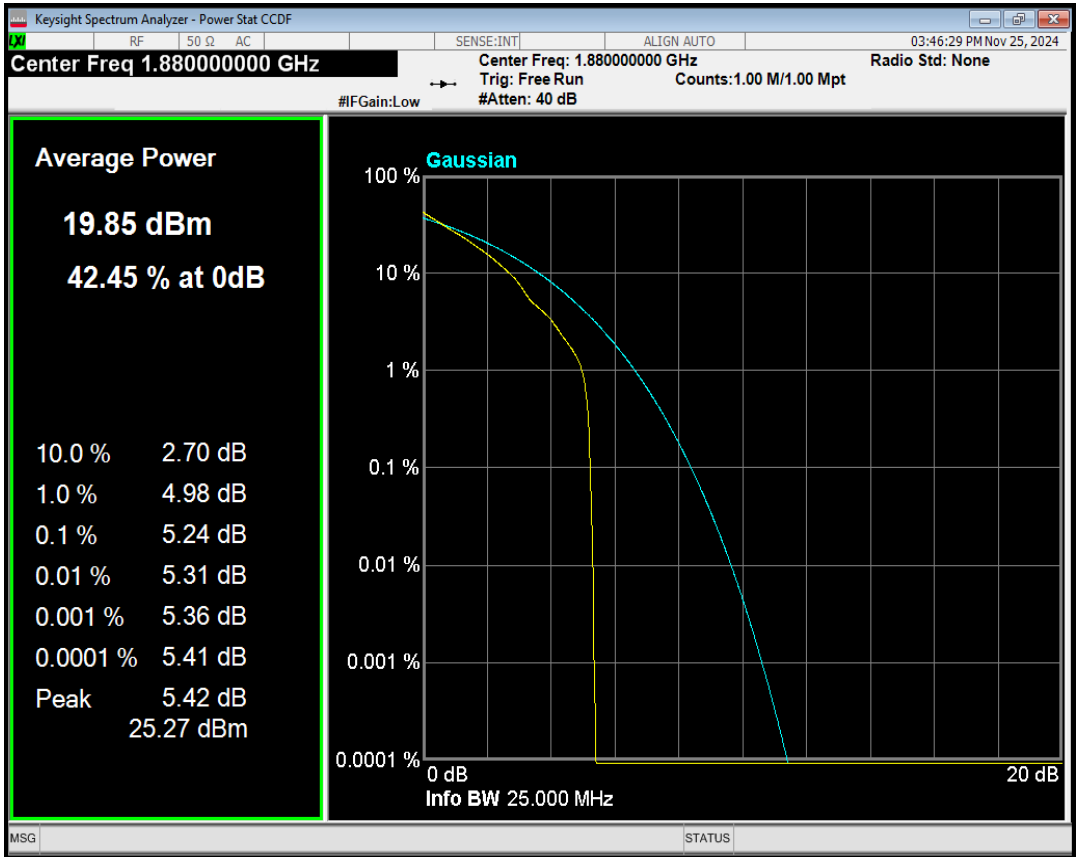
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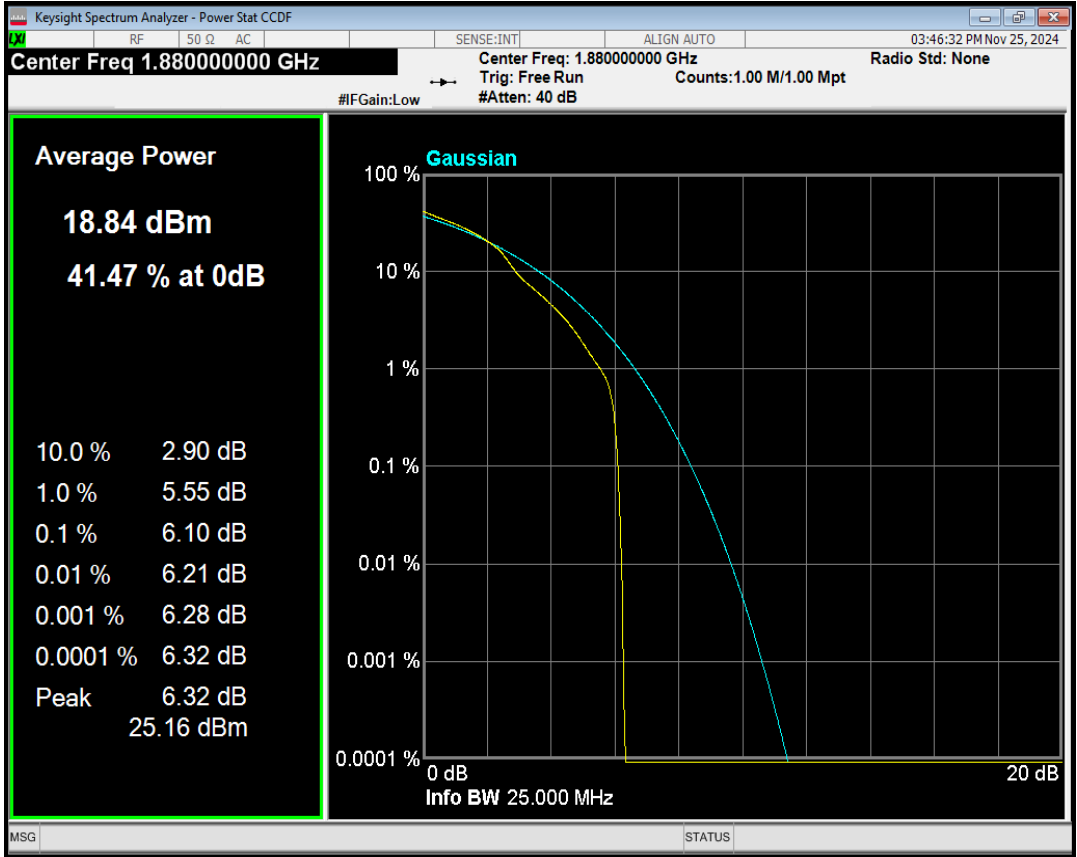
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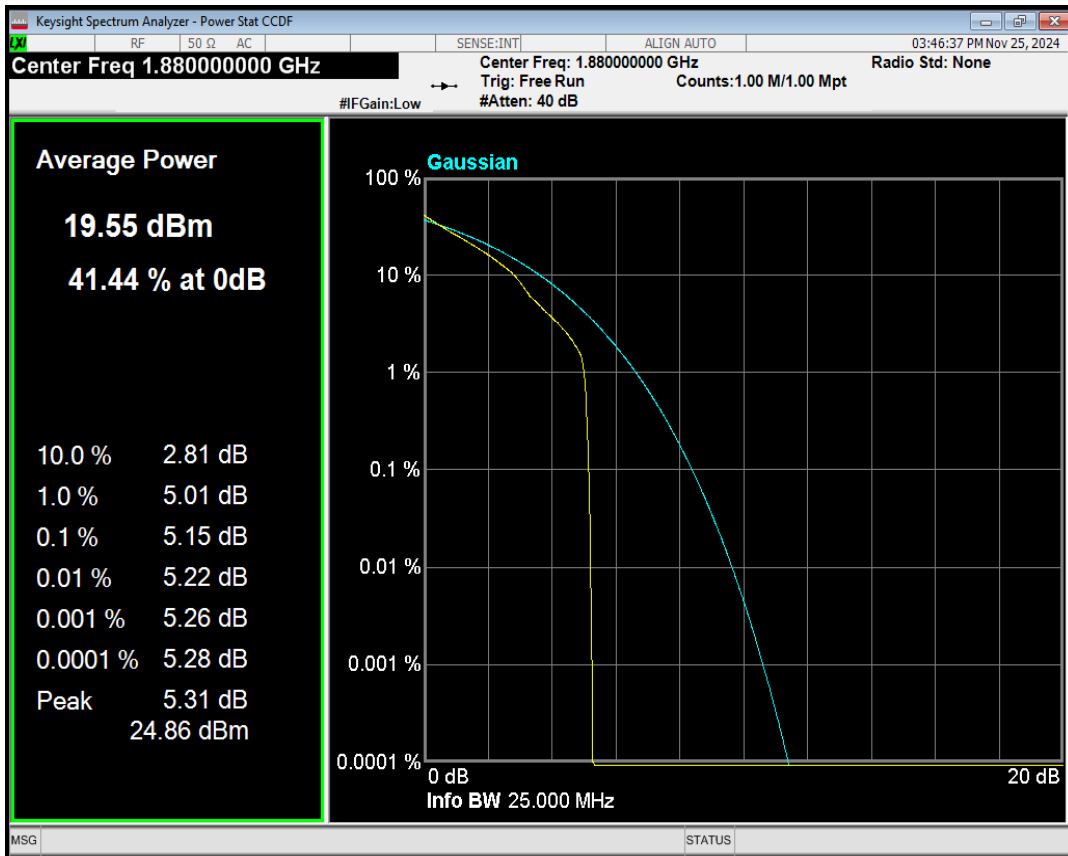
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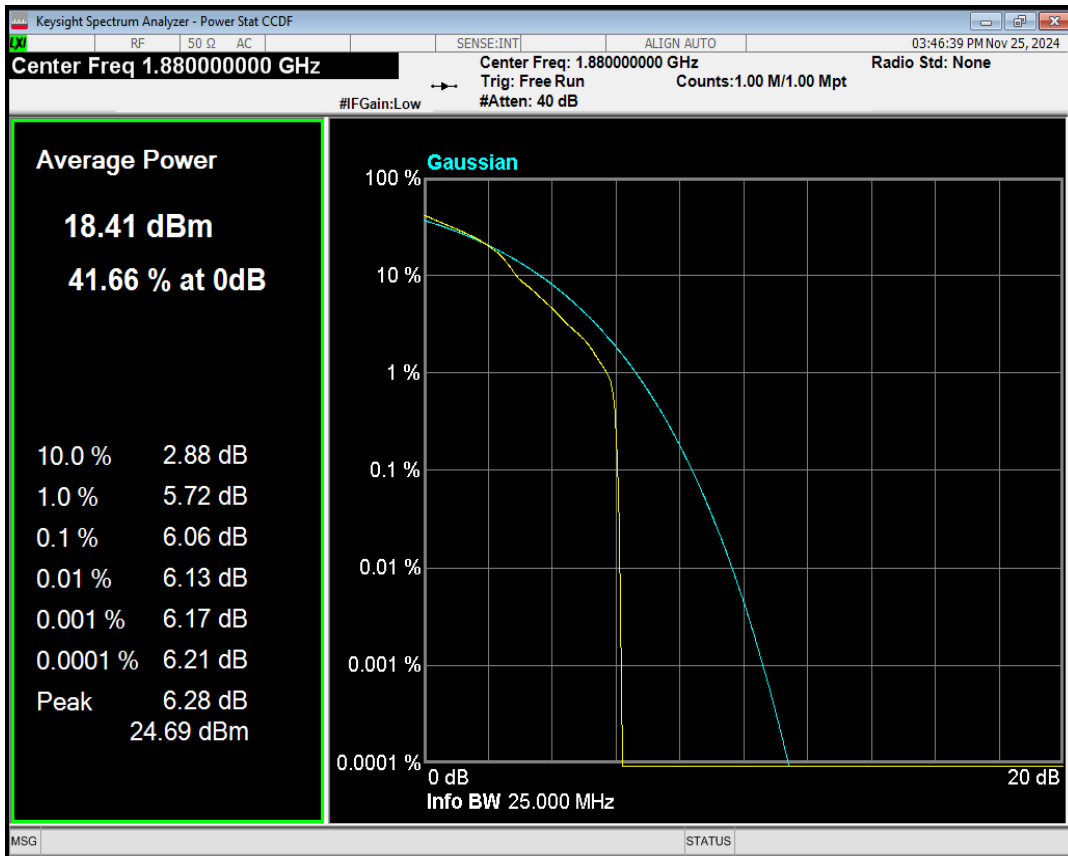
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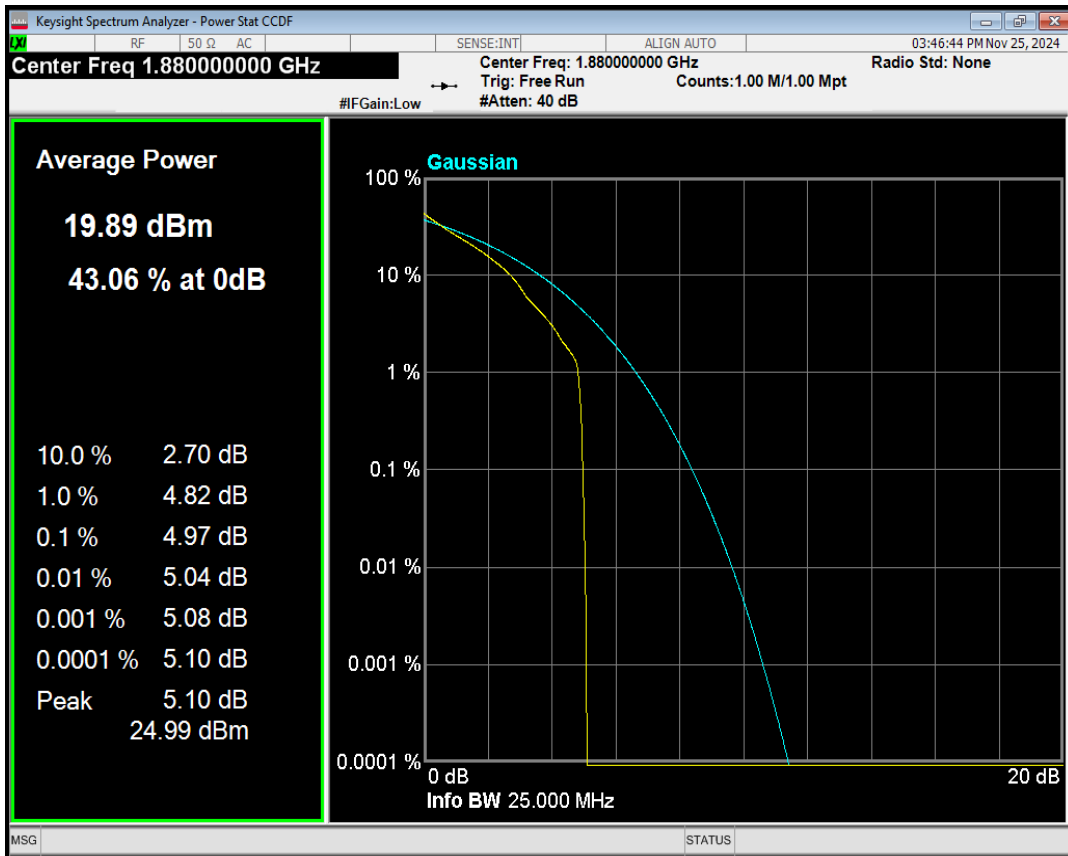
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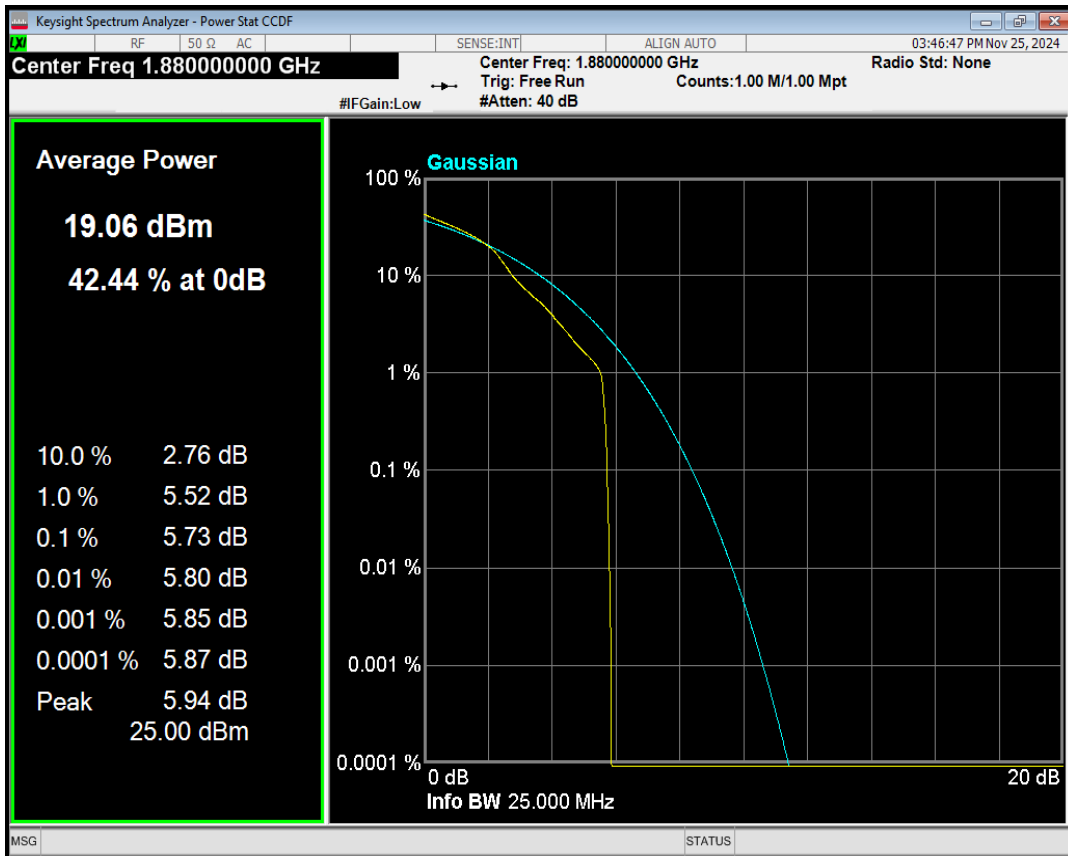
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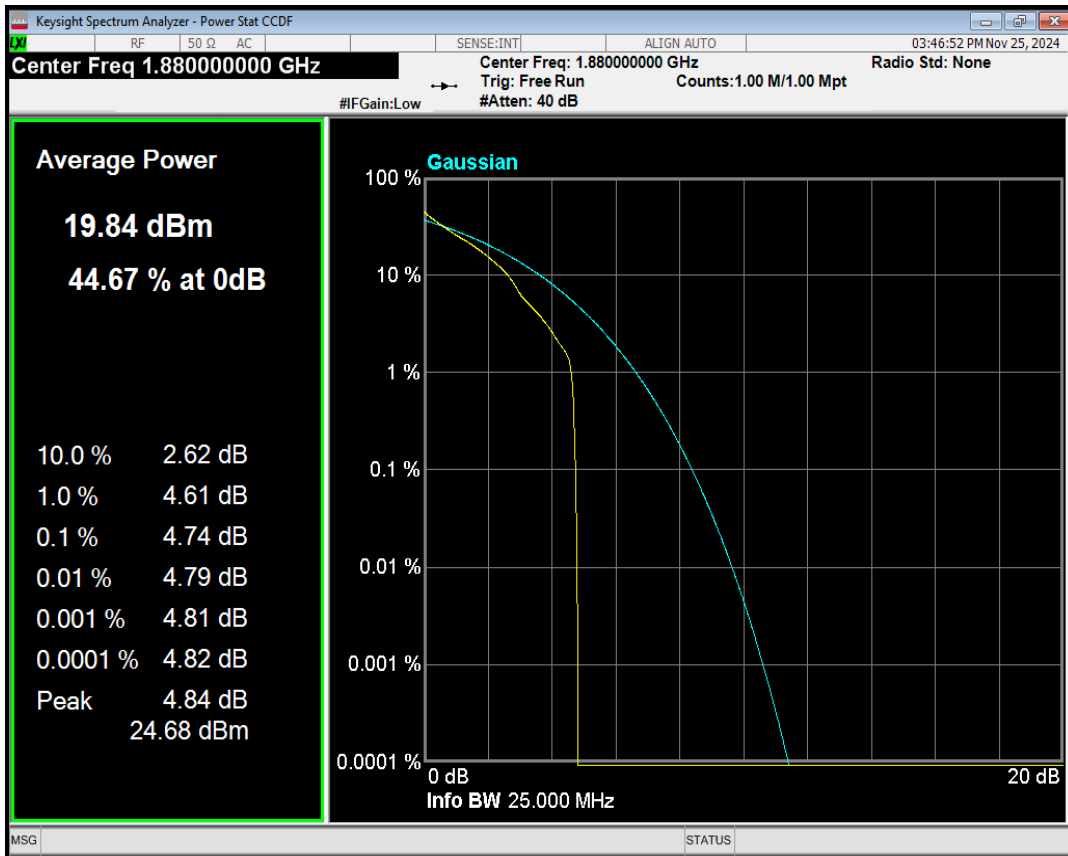
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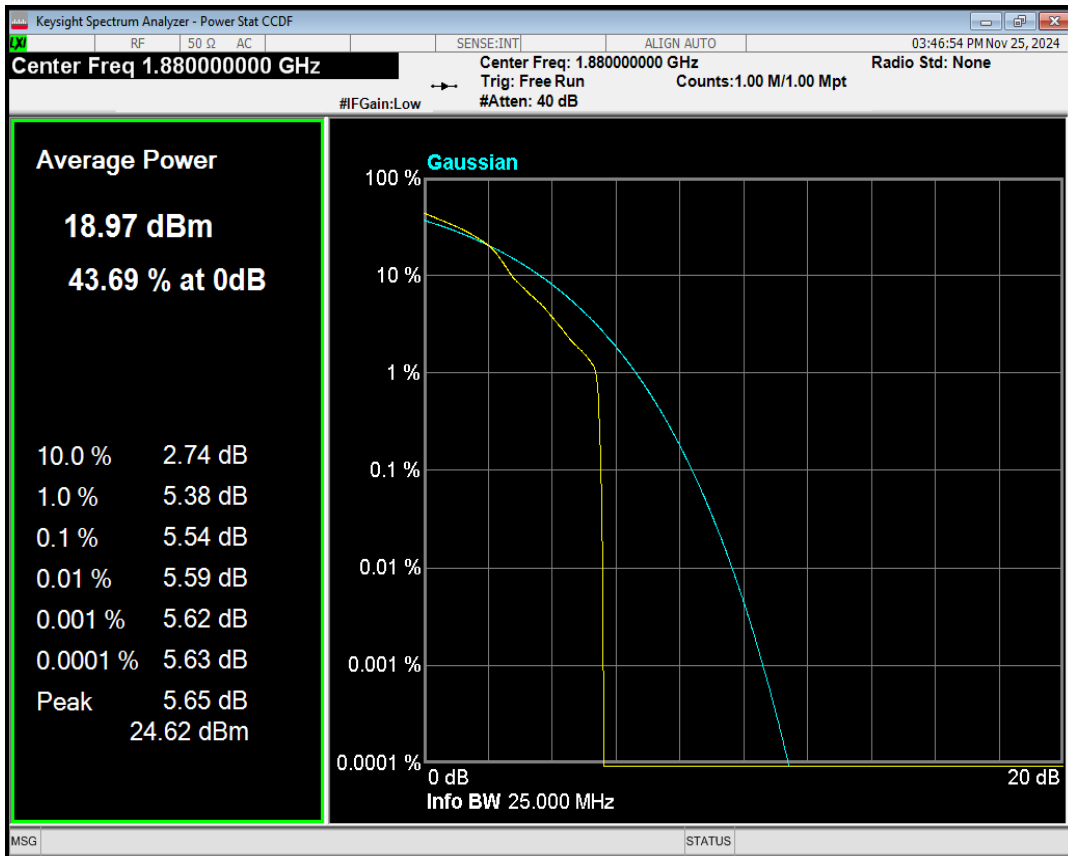
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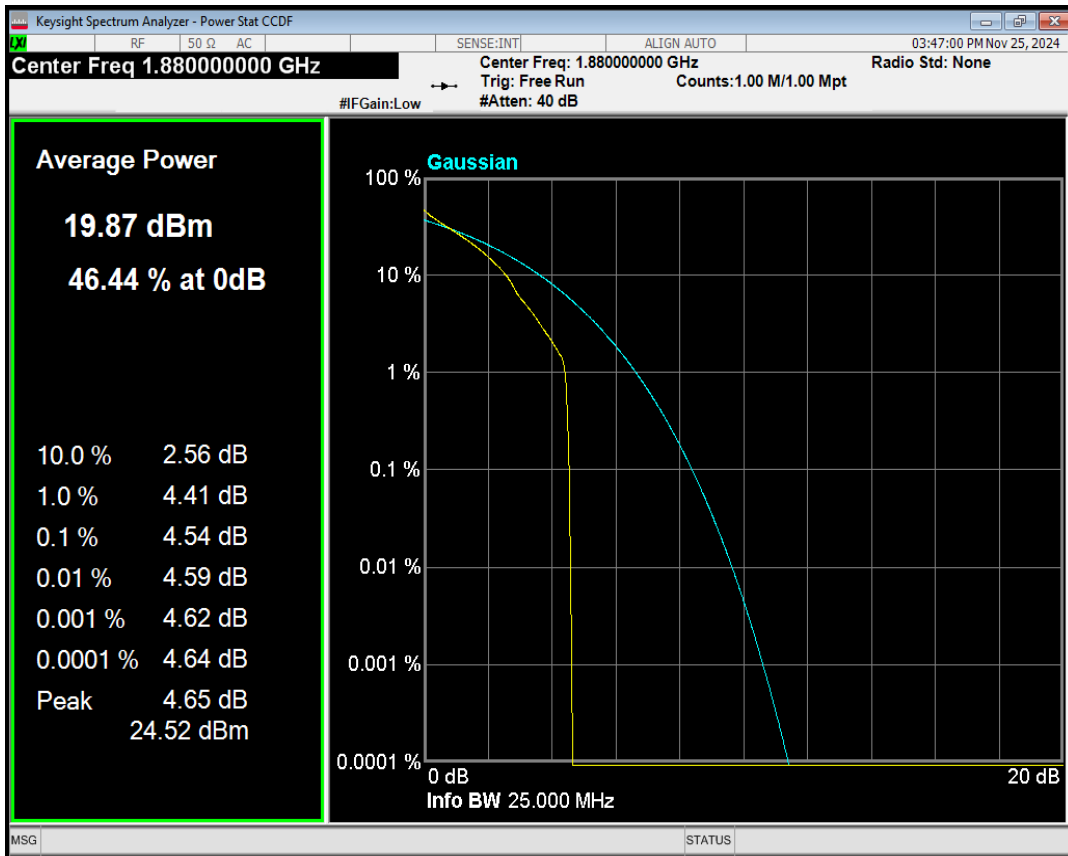
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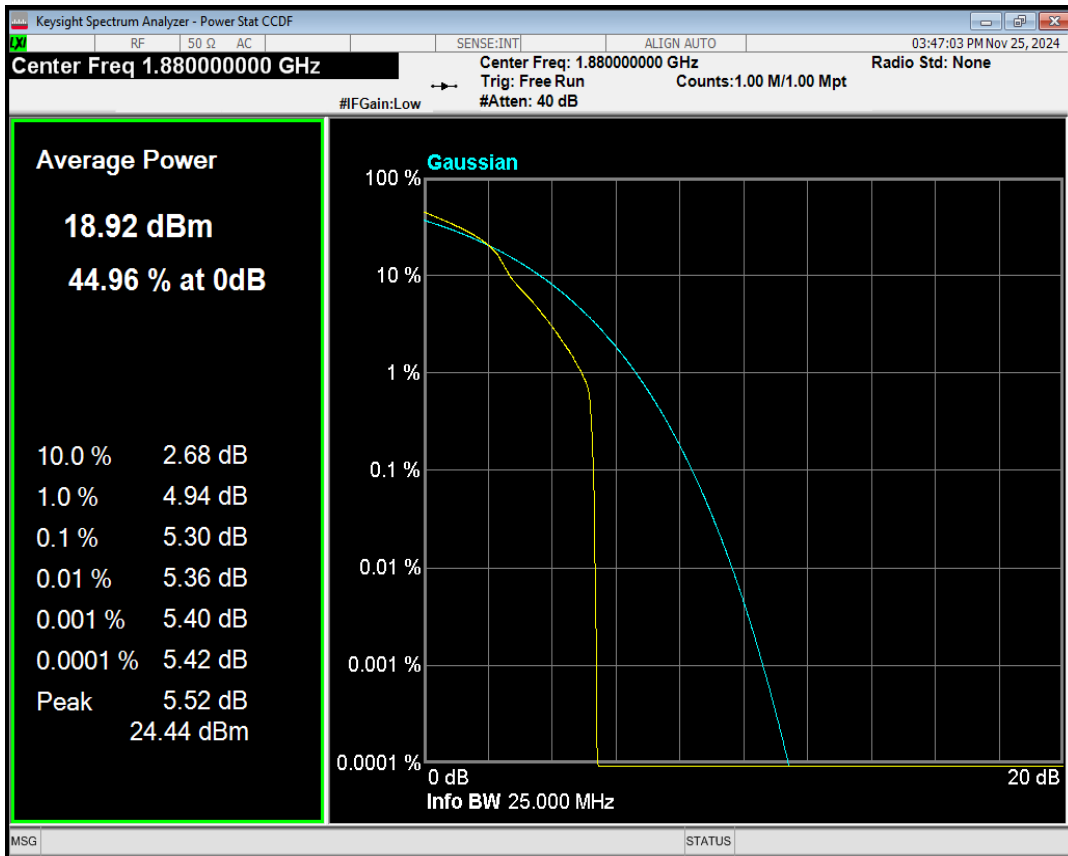
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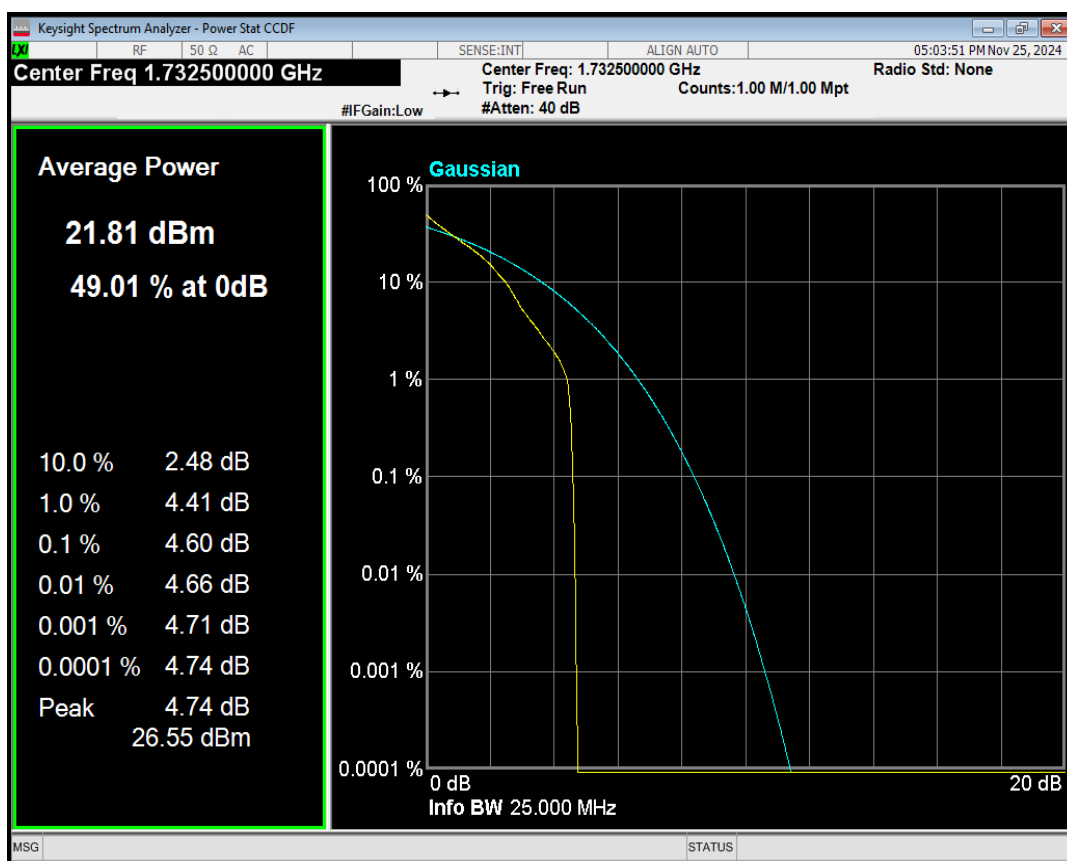
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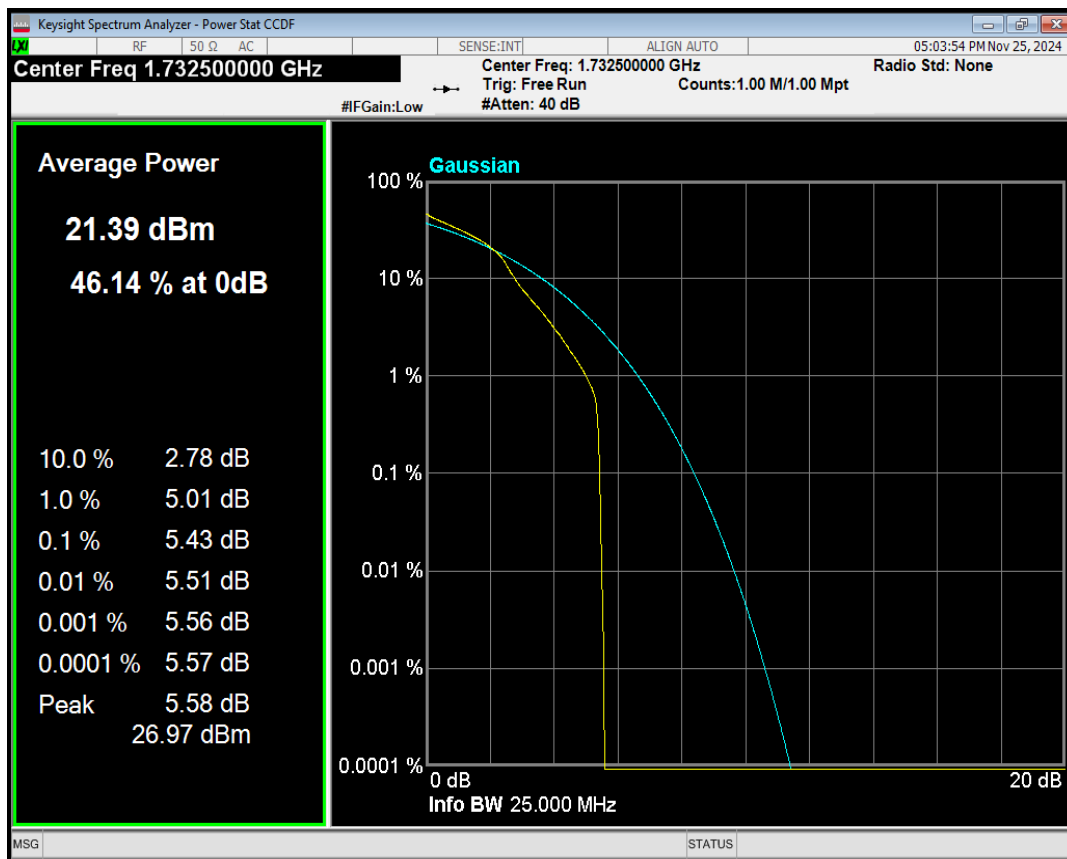
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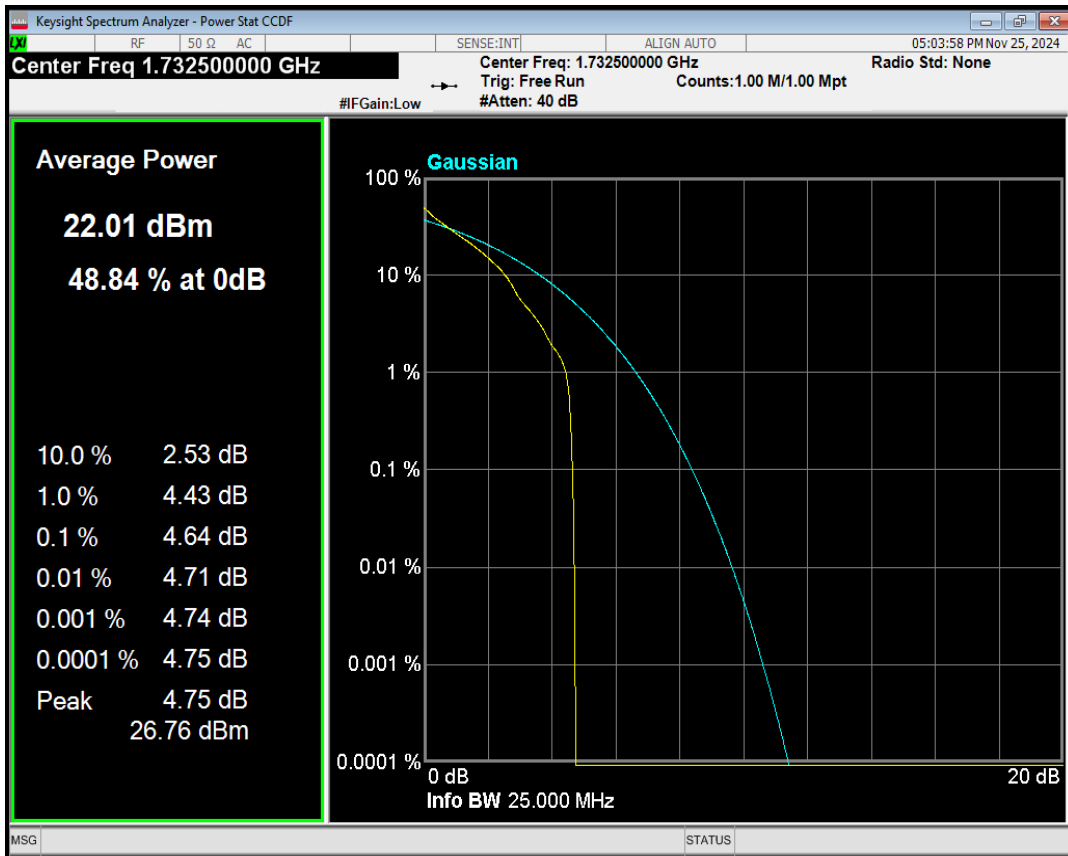
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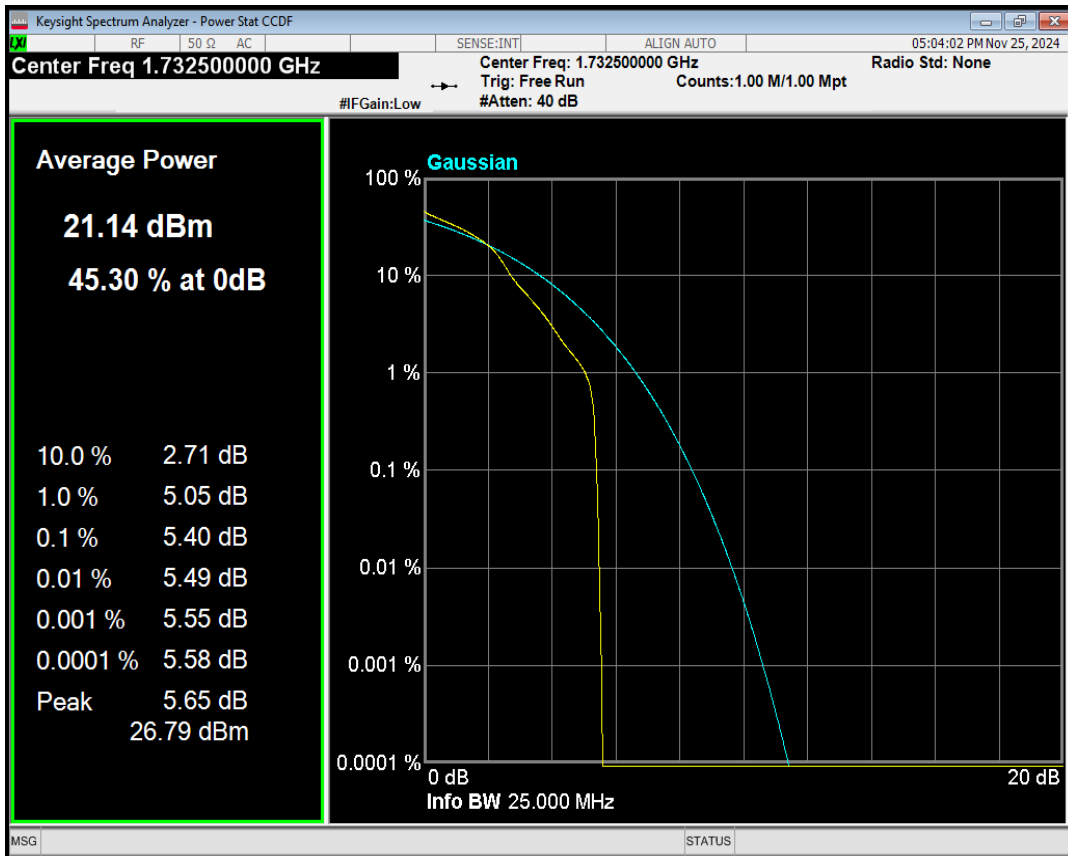
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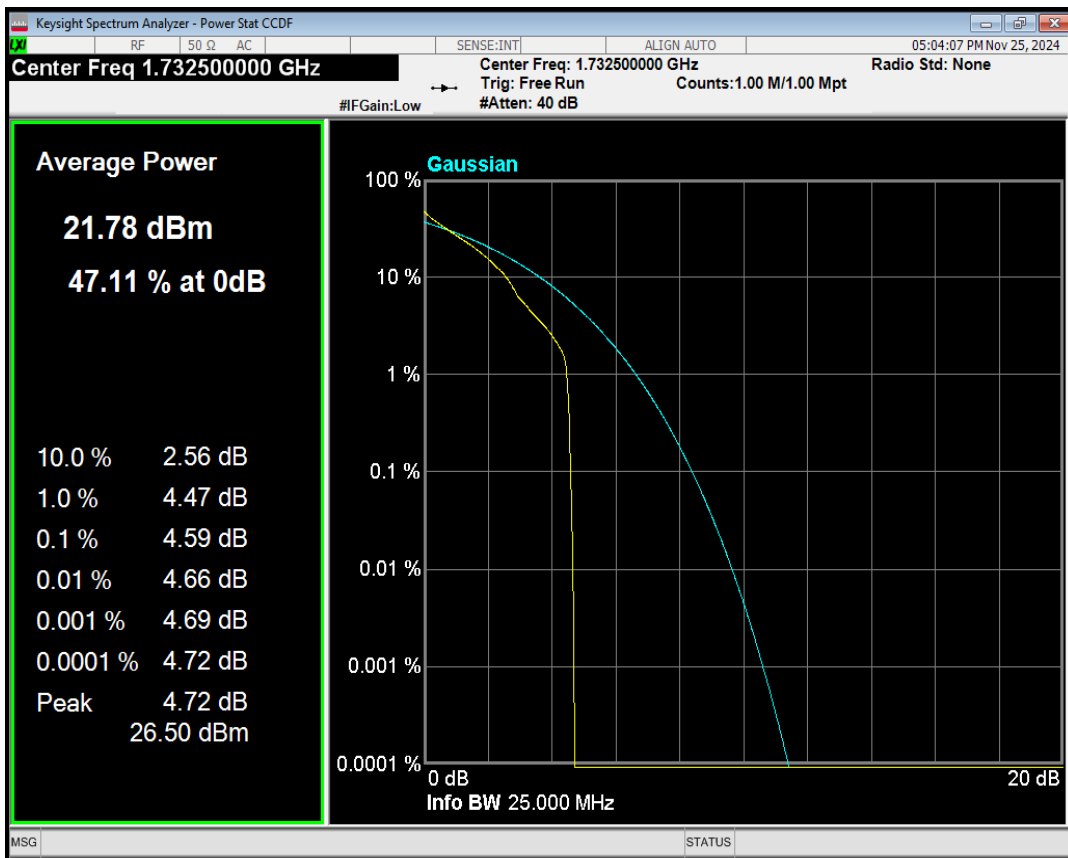
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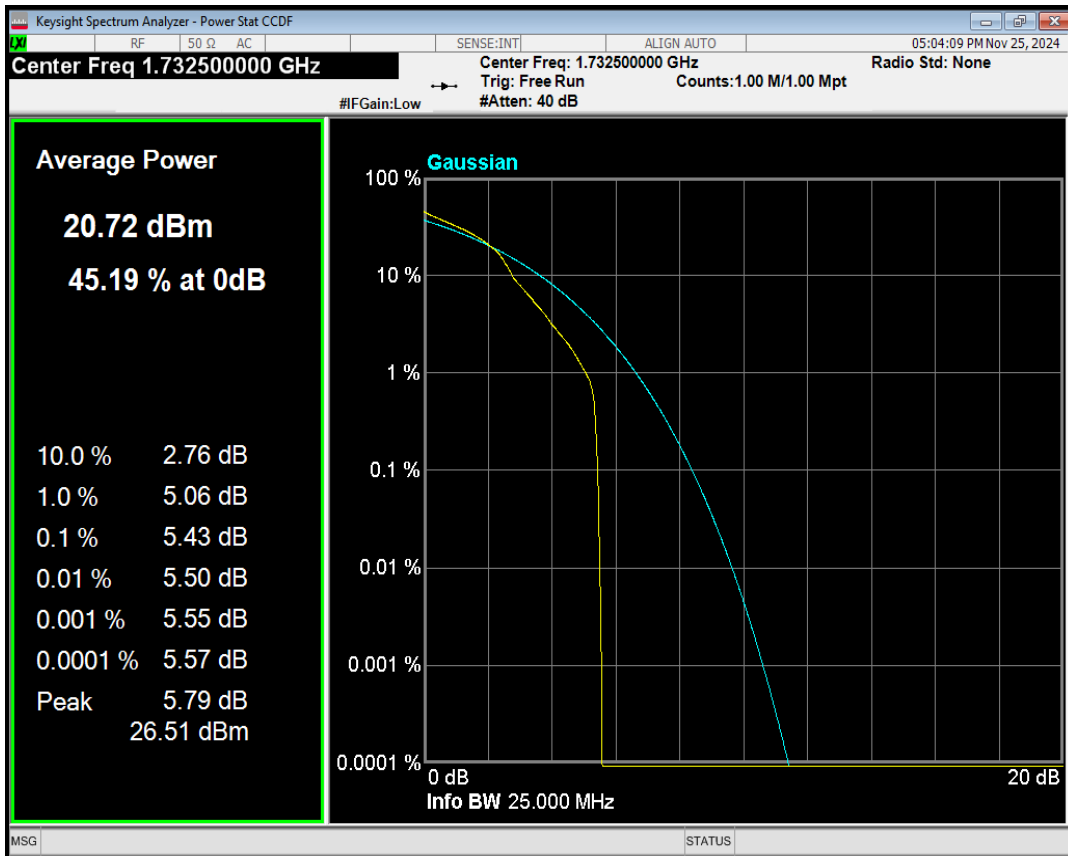
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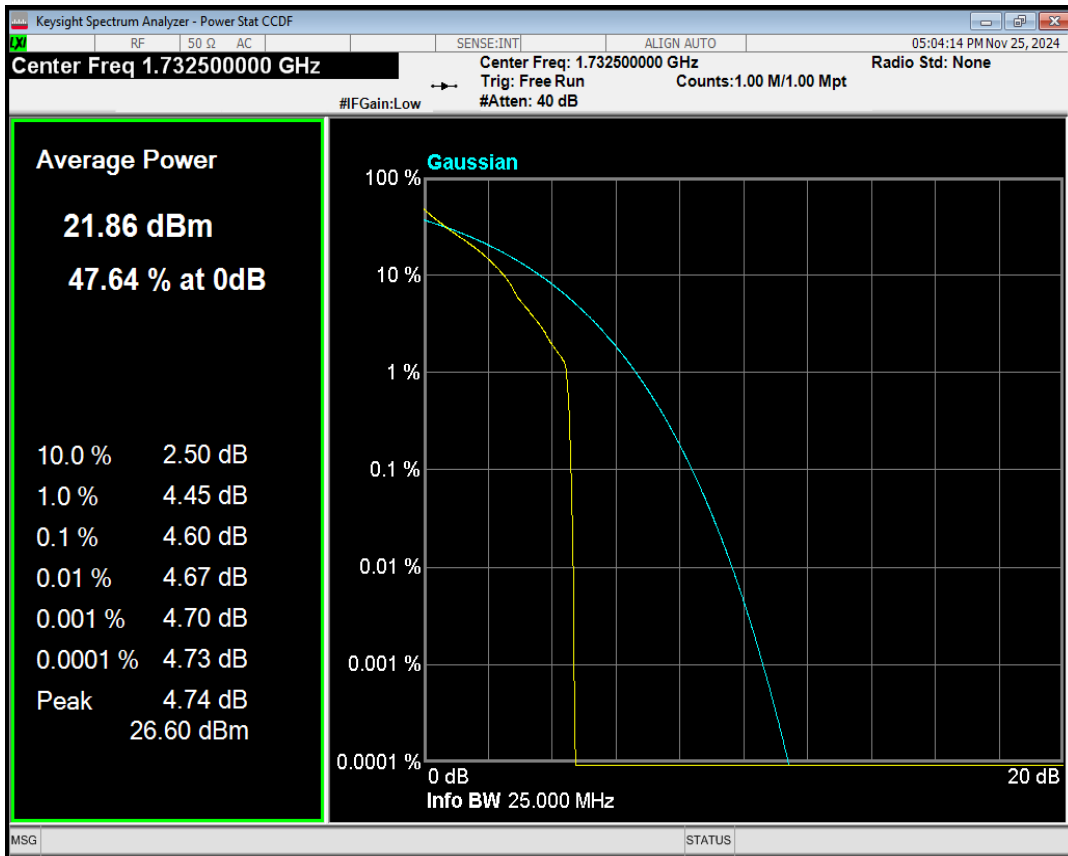
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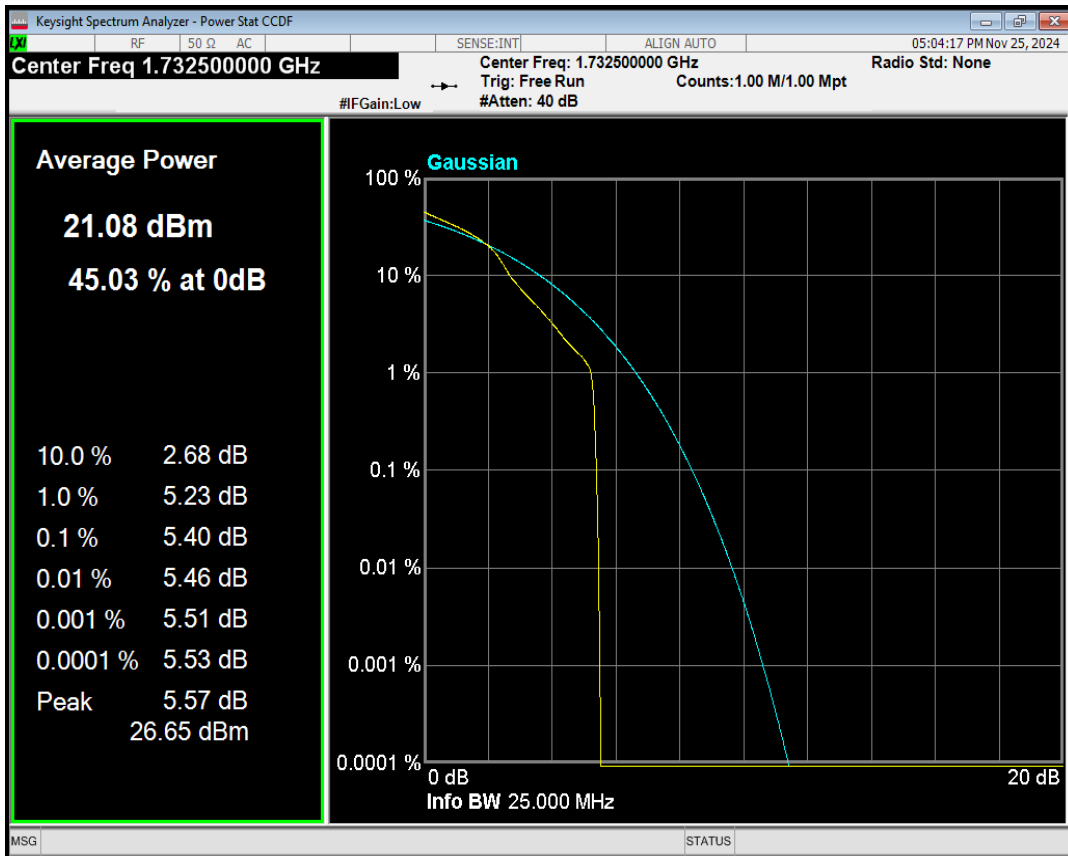
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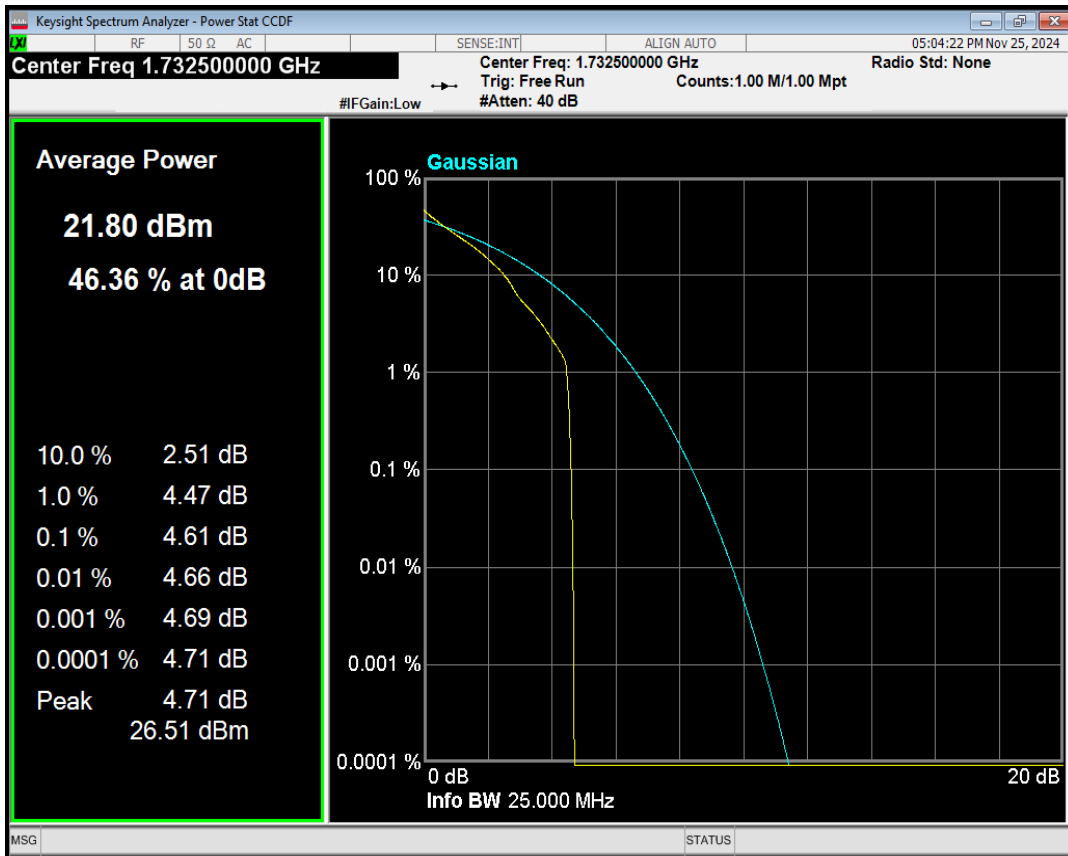
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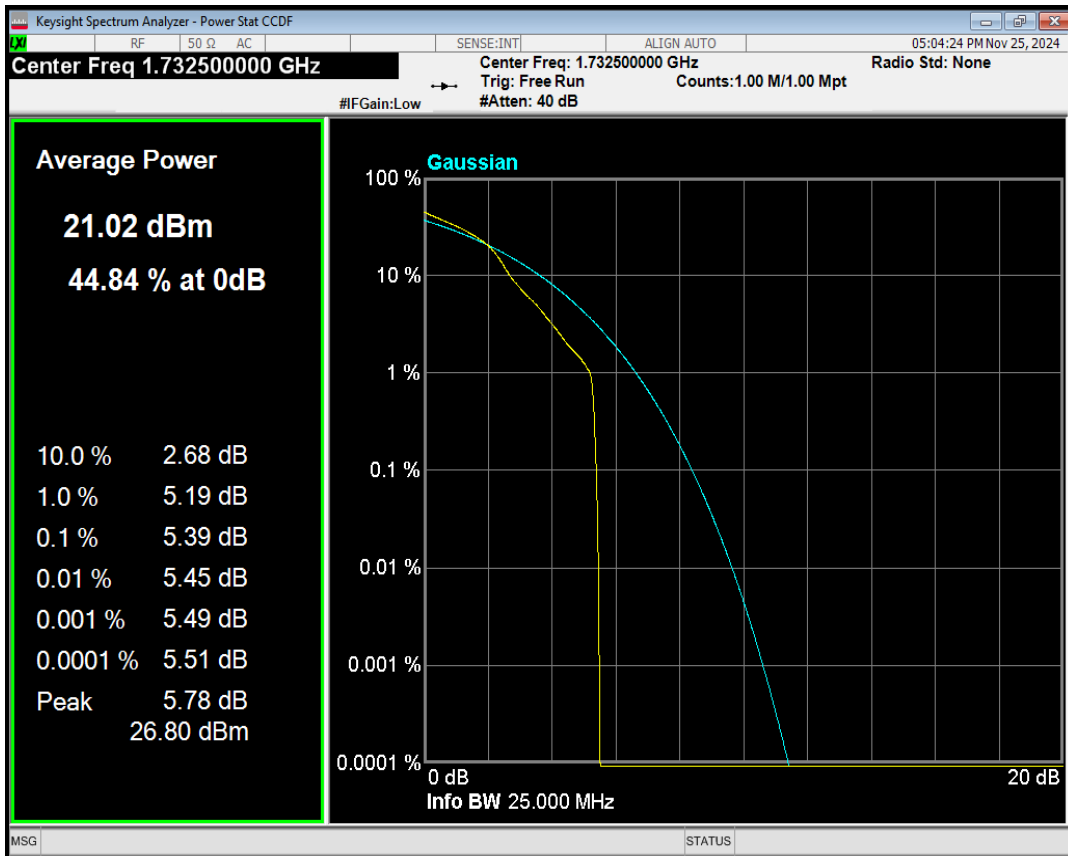
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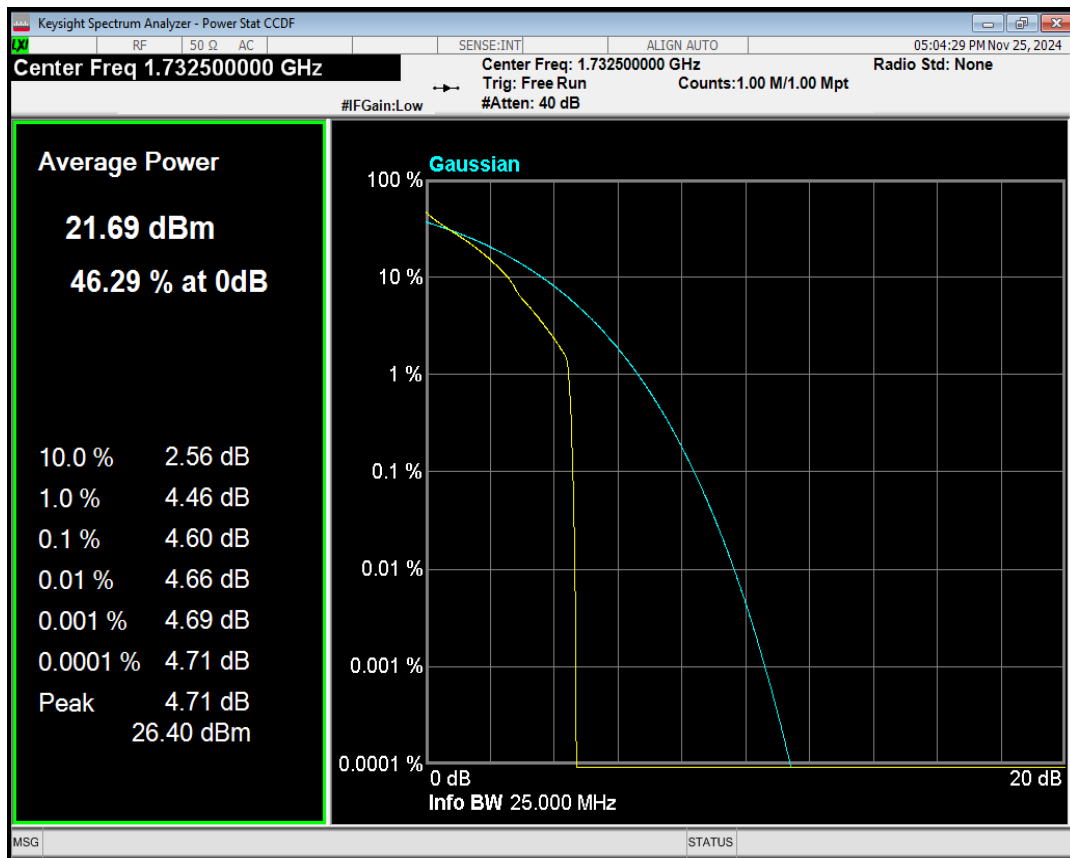
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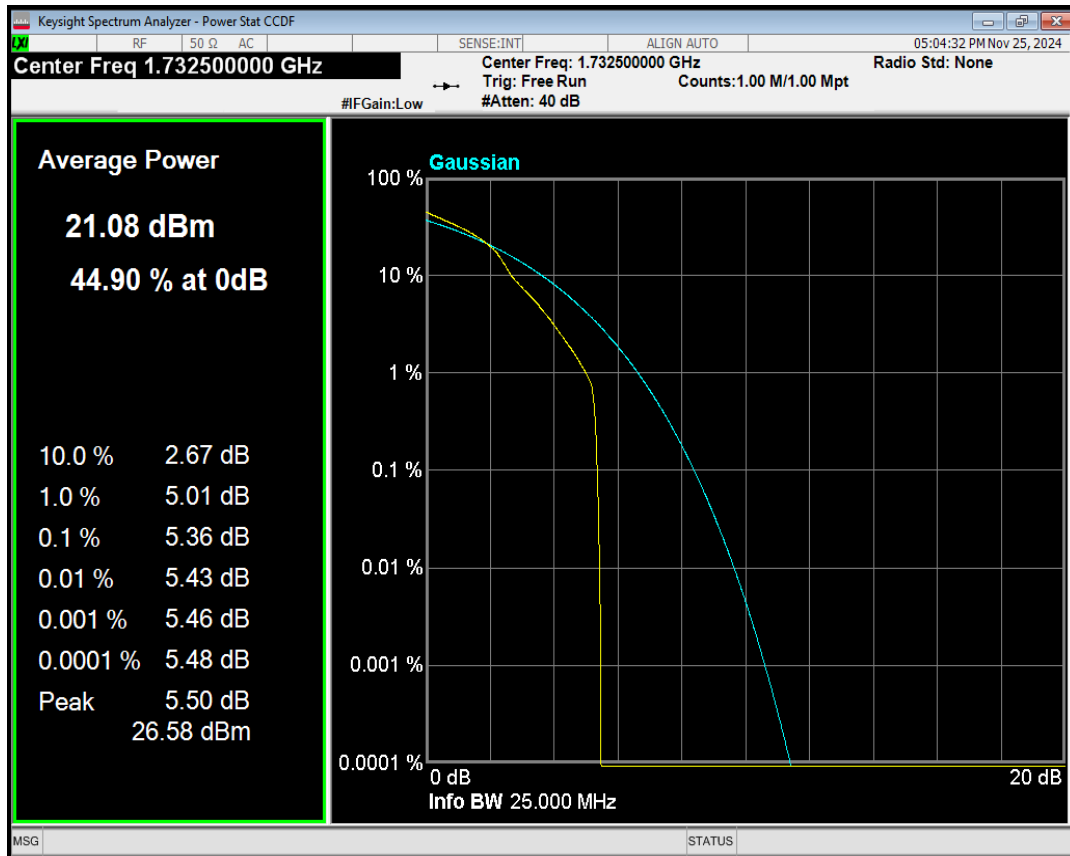
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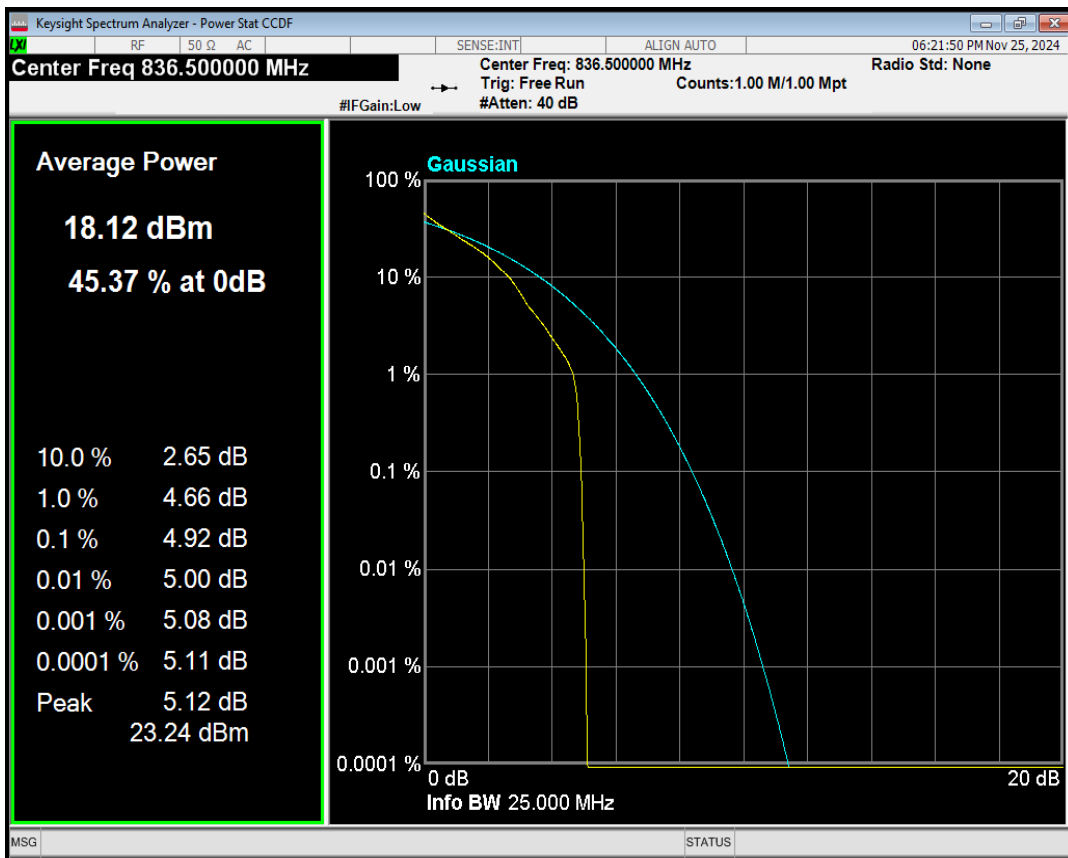
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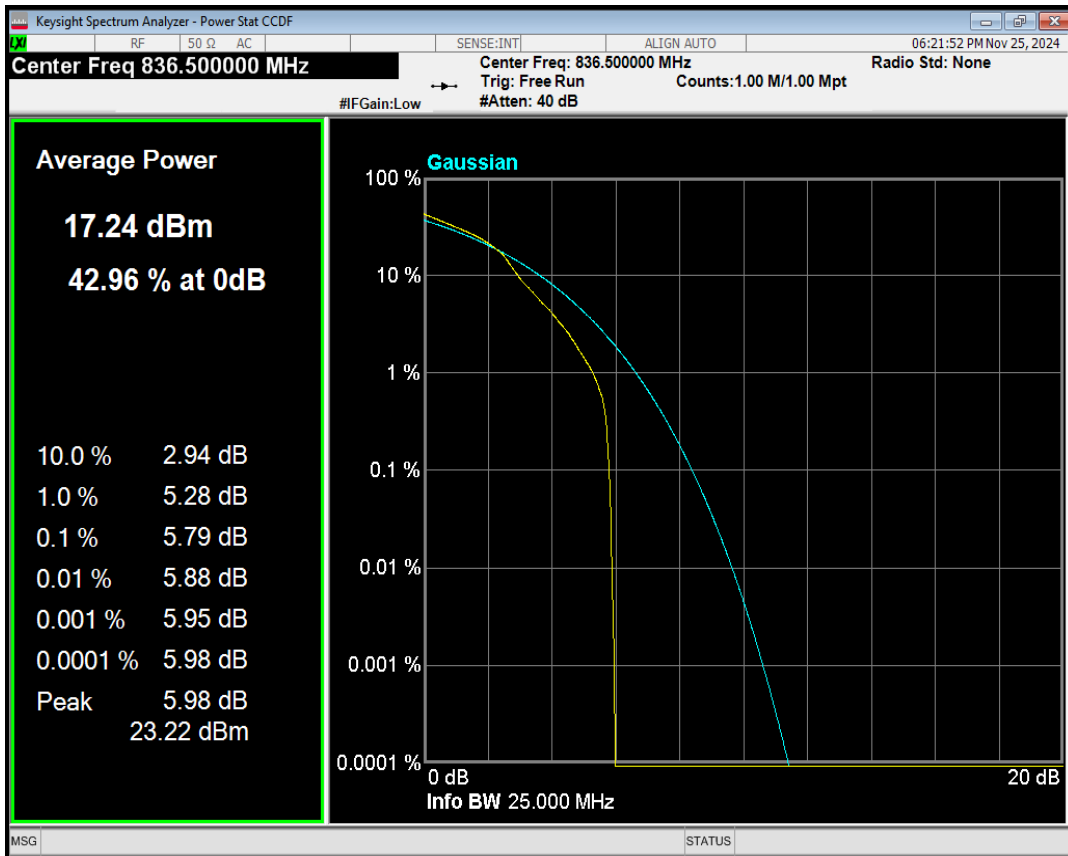
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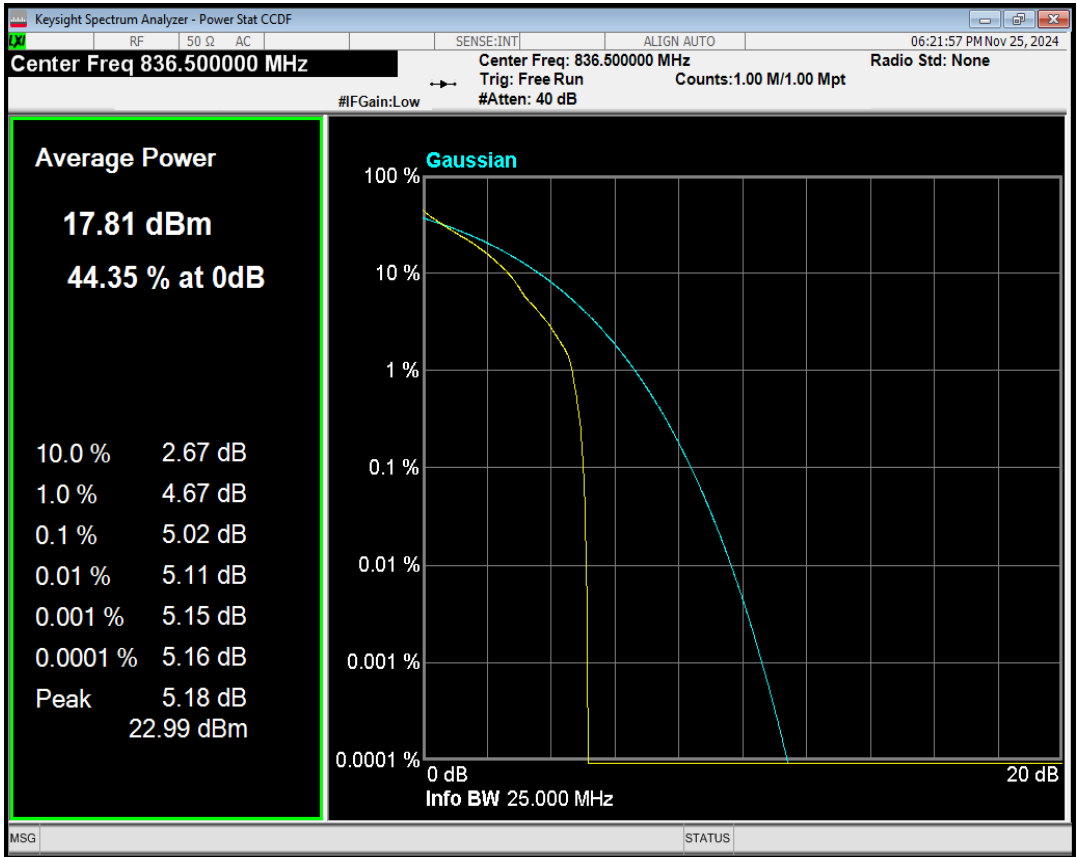
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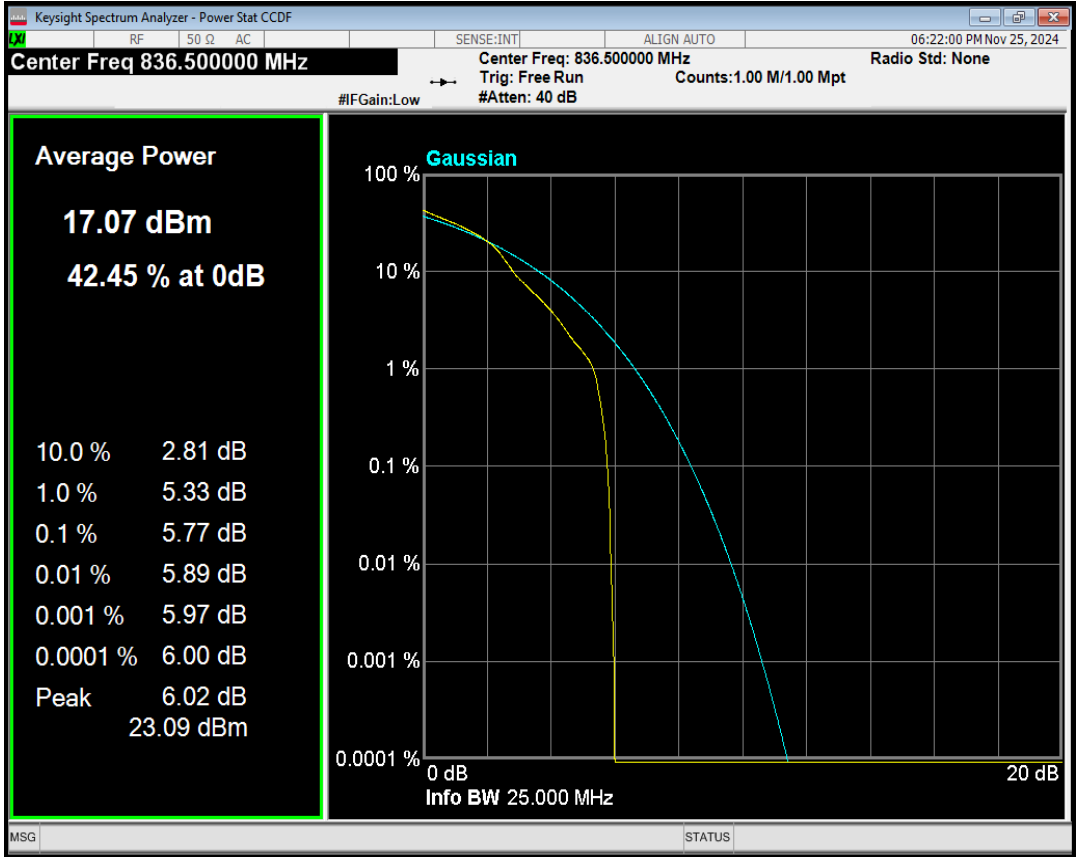
Band5 QAM16 BW=1.4MHz Channel=20525 RB Size=1 Position=#0



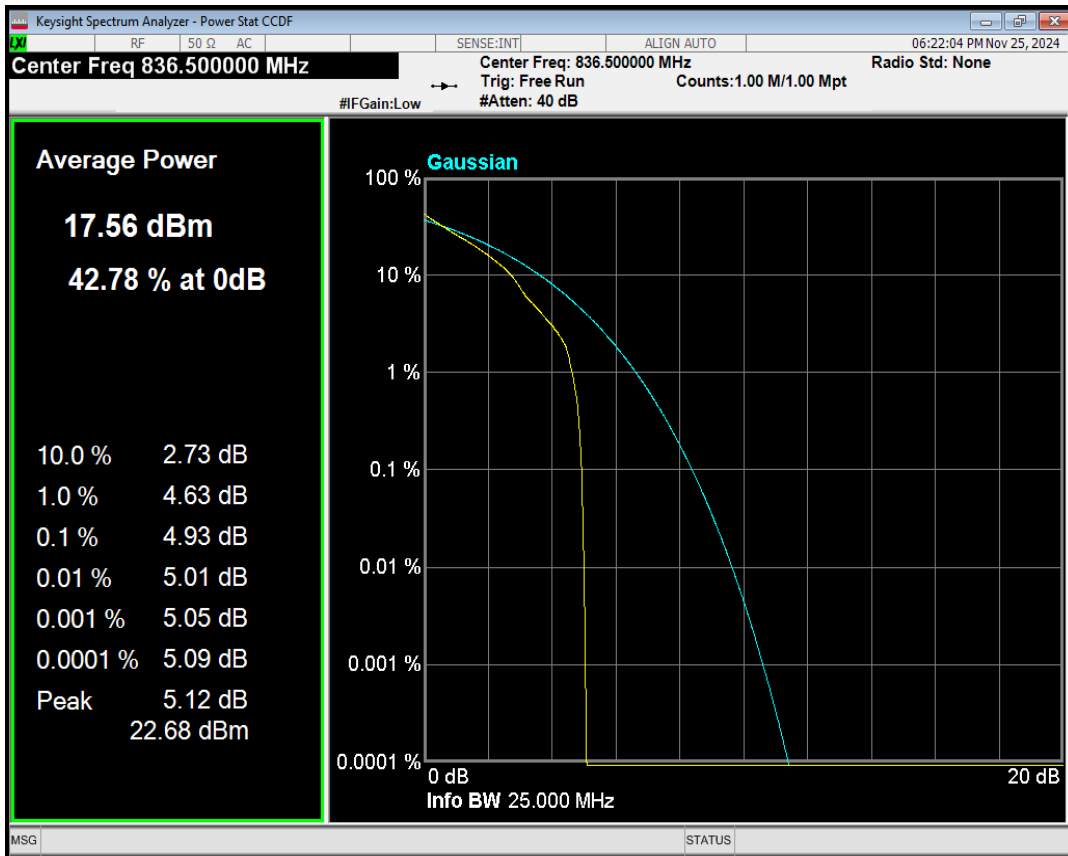
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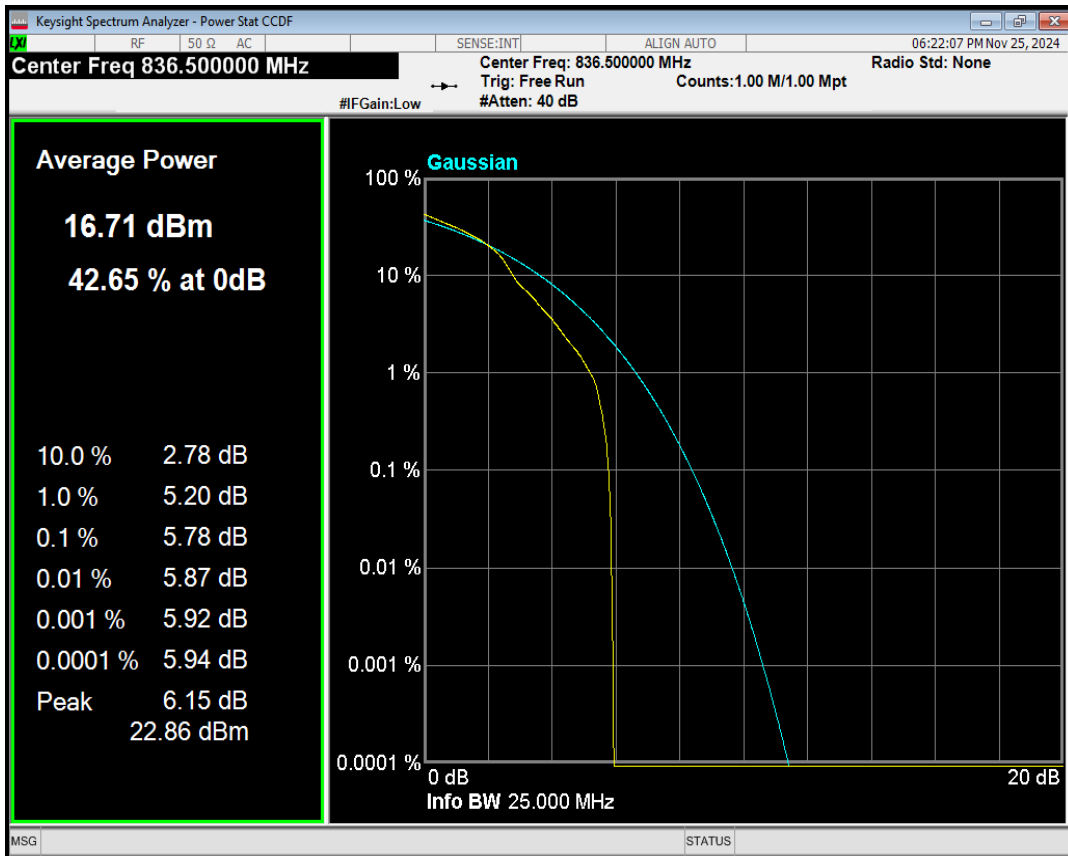
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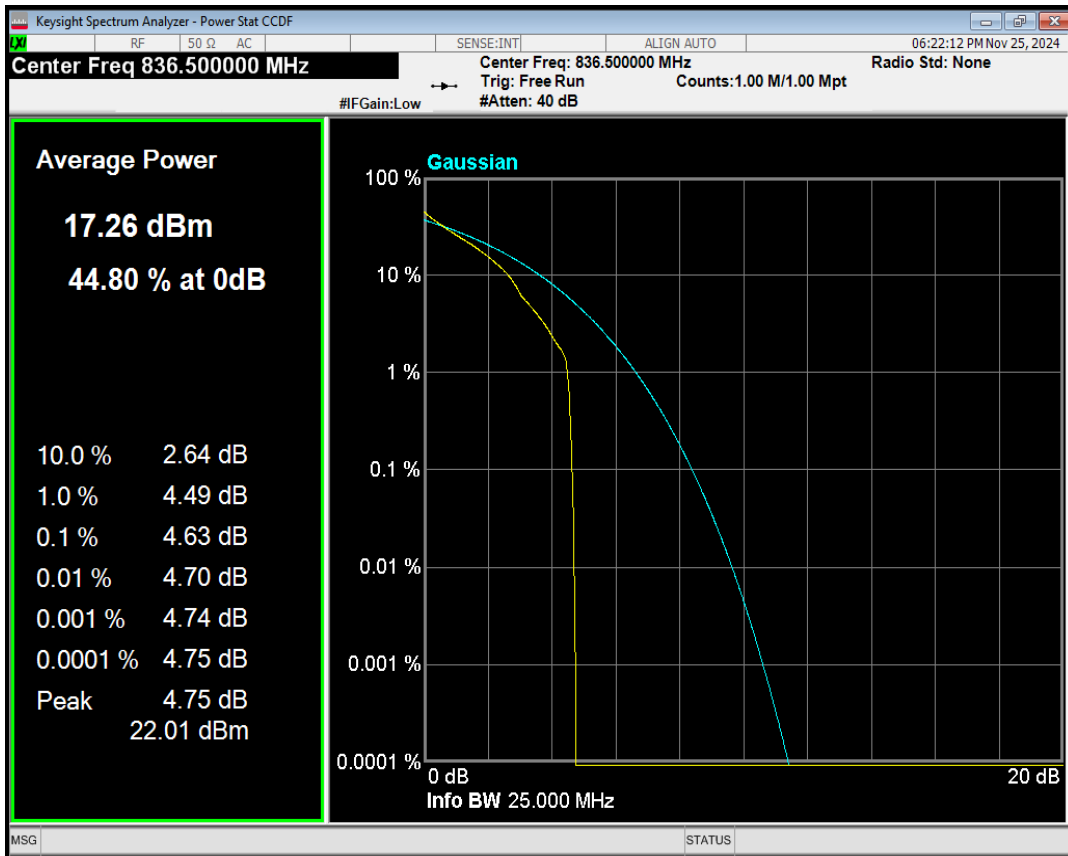
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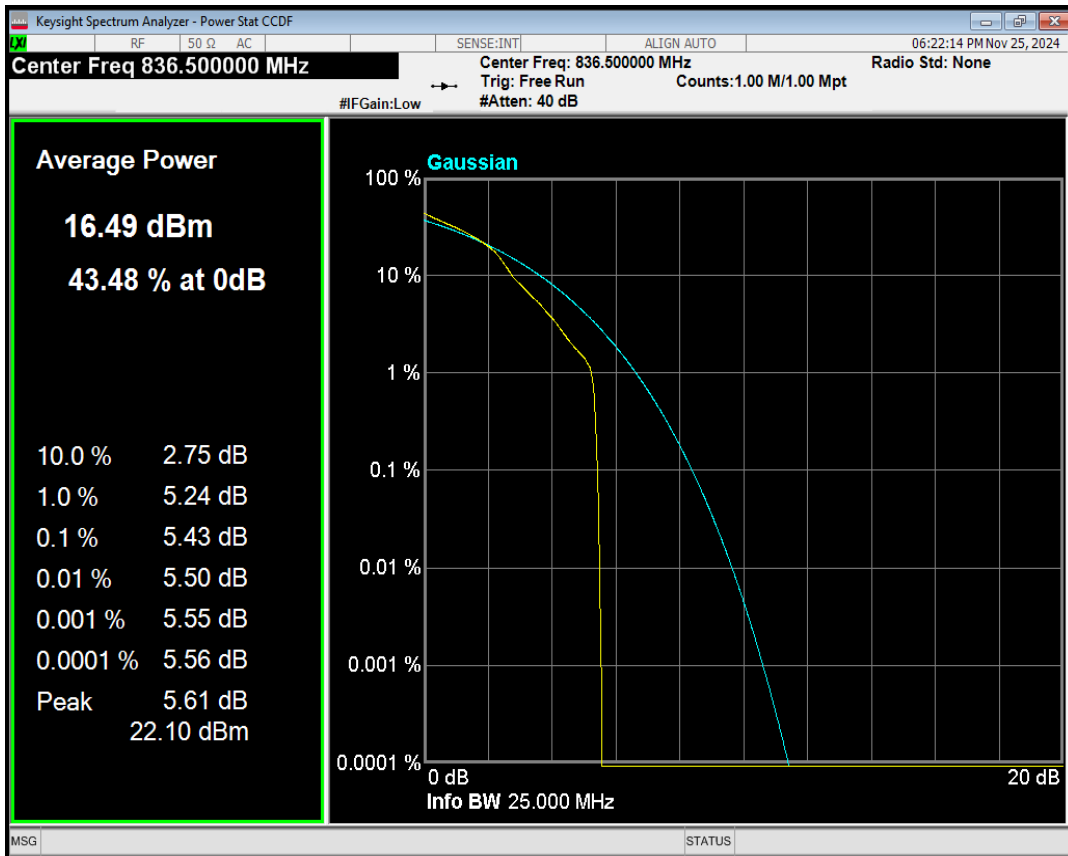
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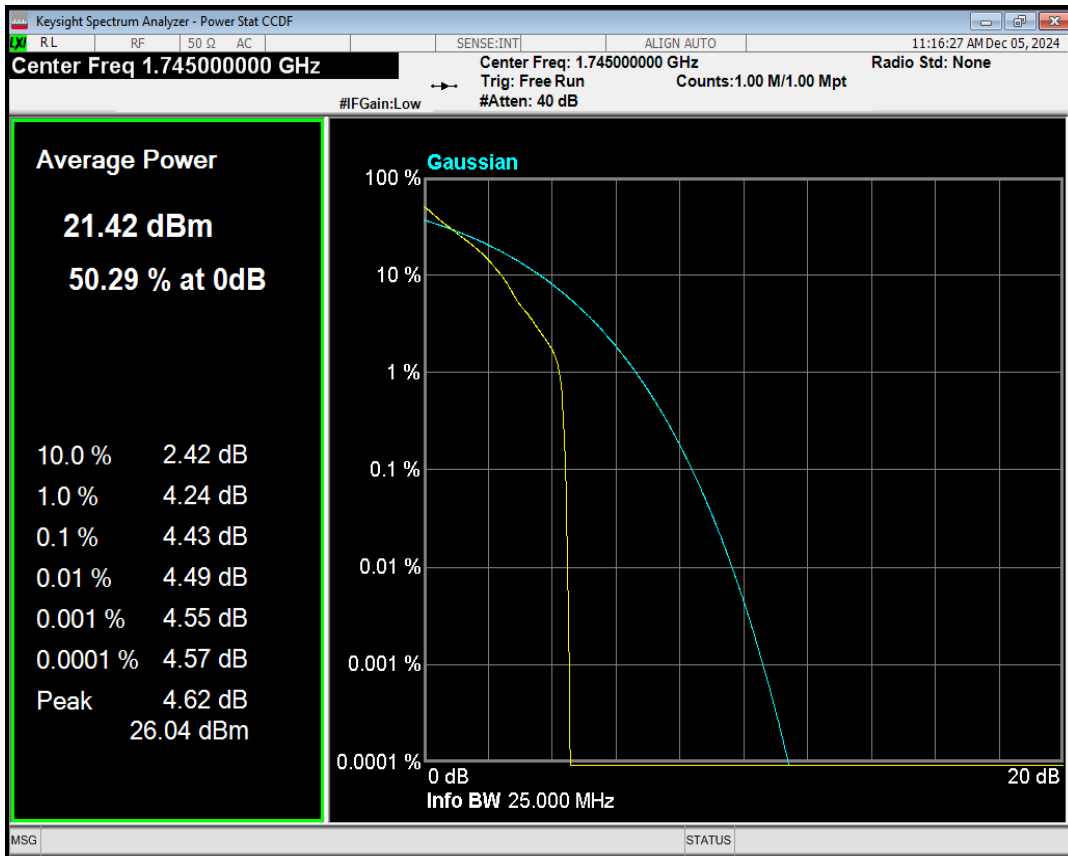
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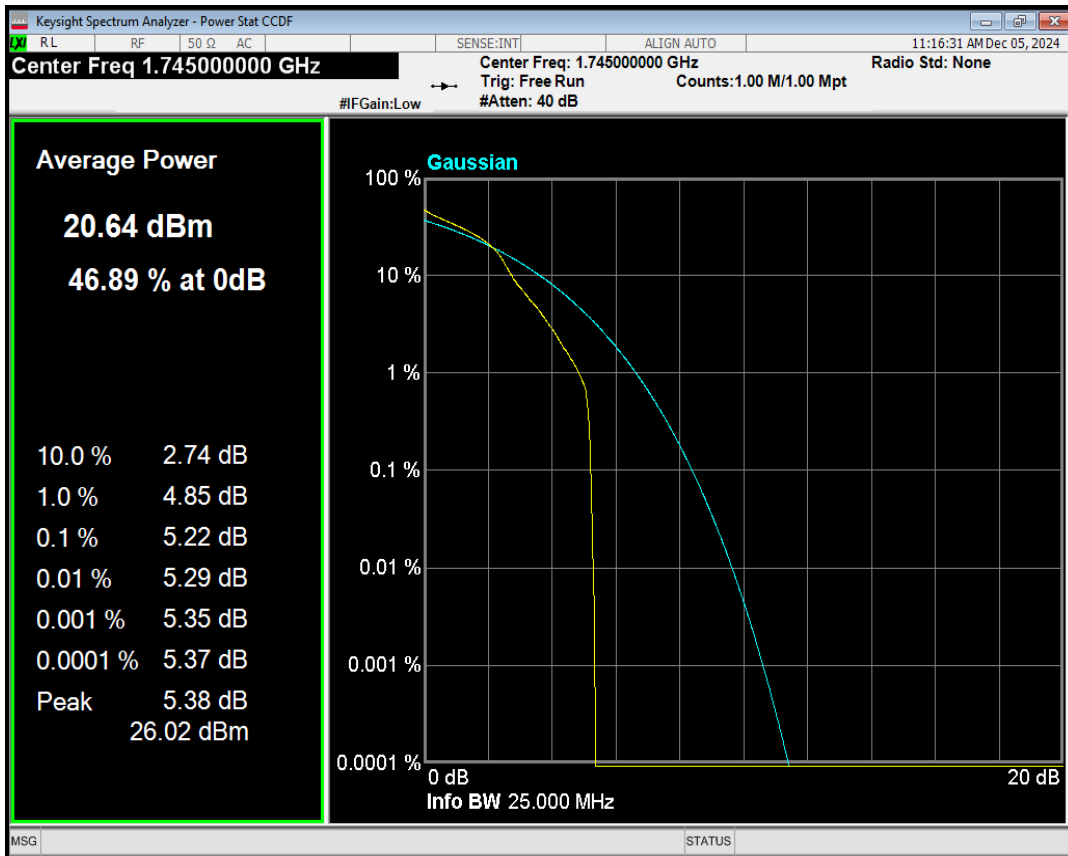
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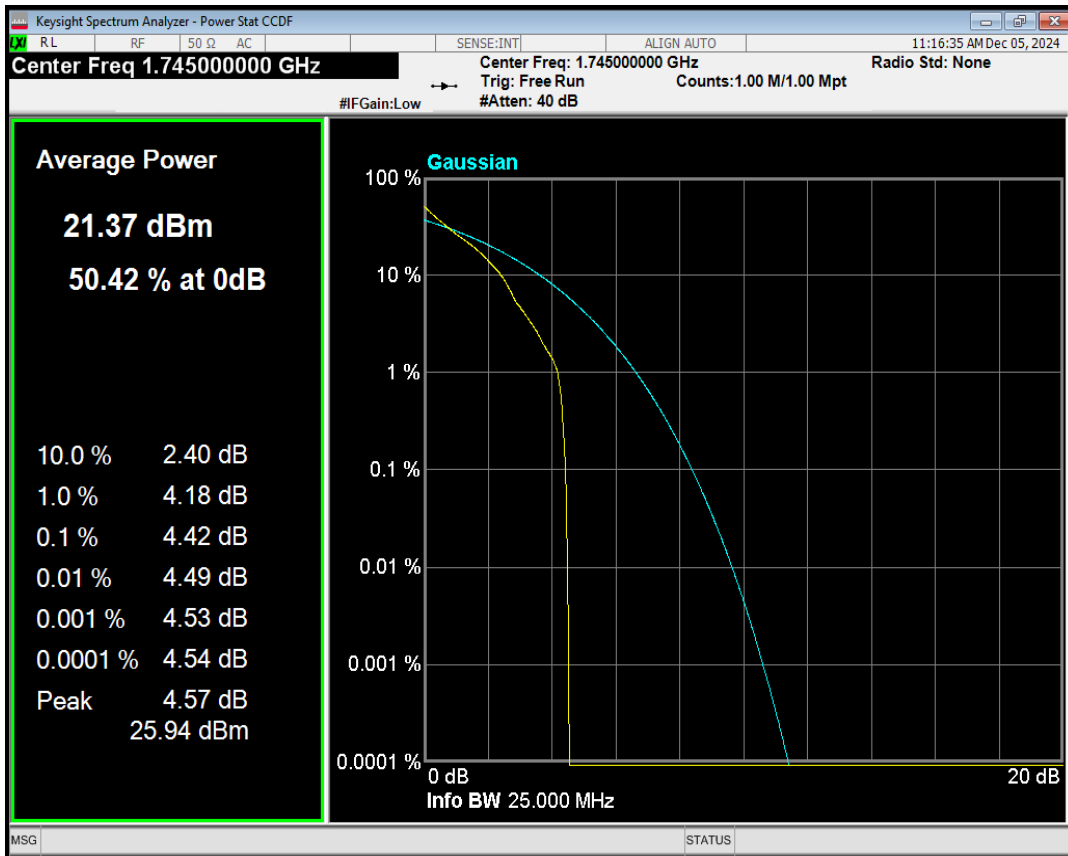
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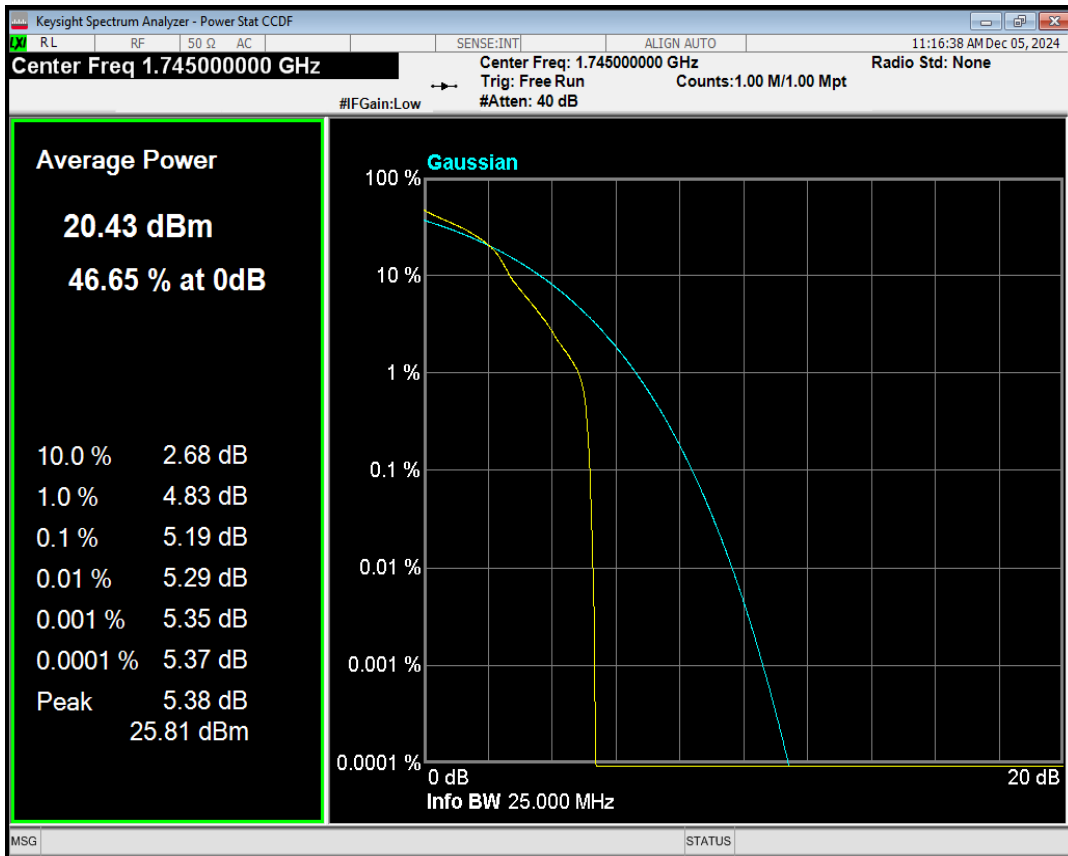
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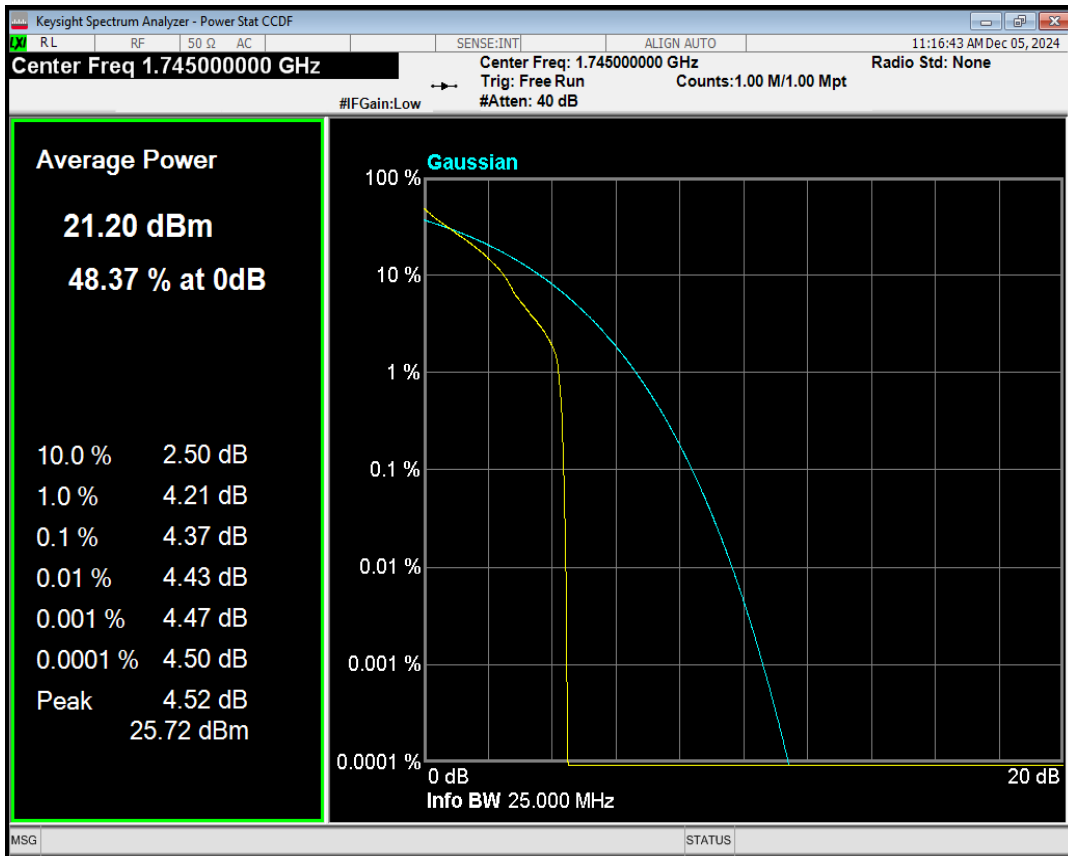
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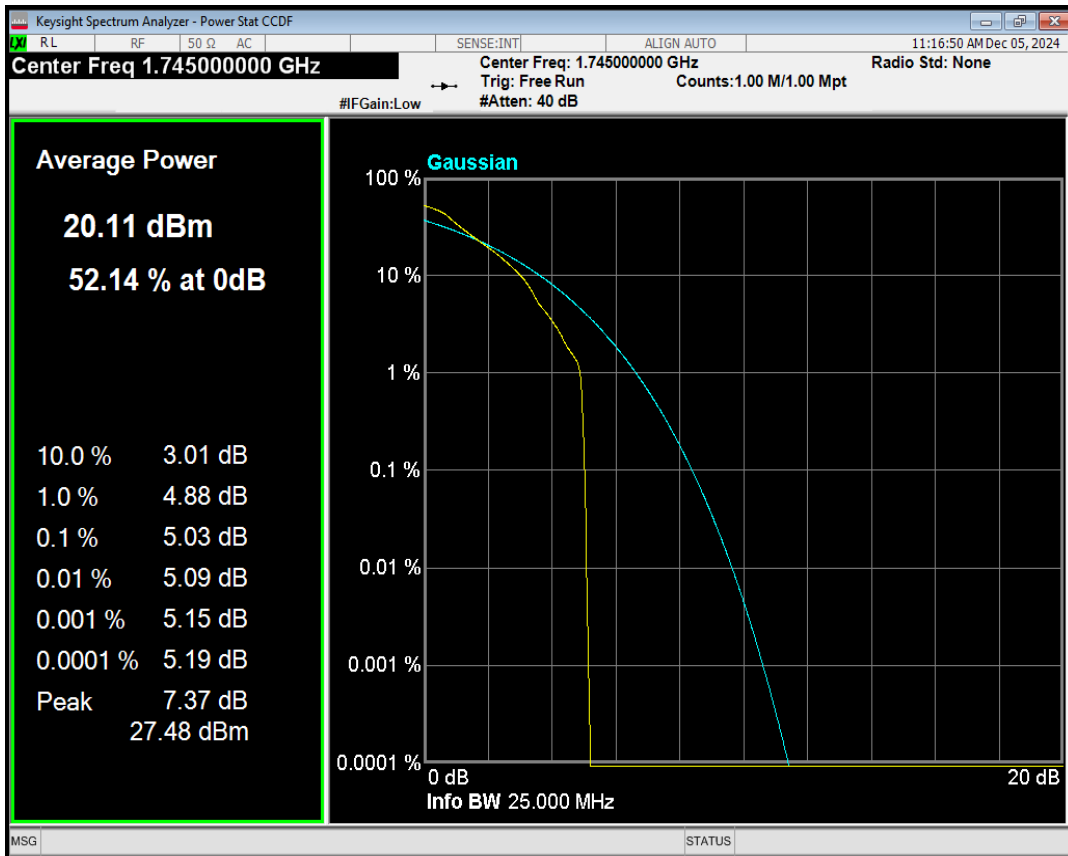
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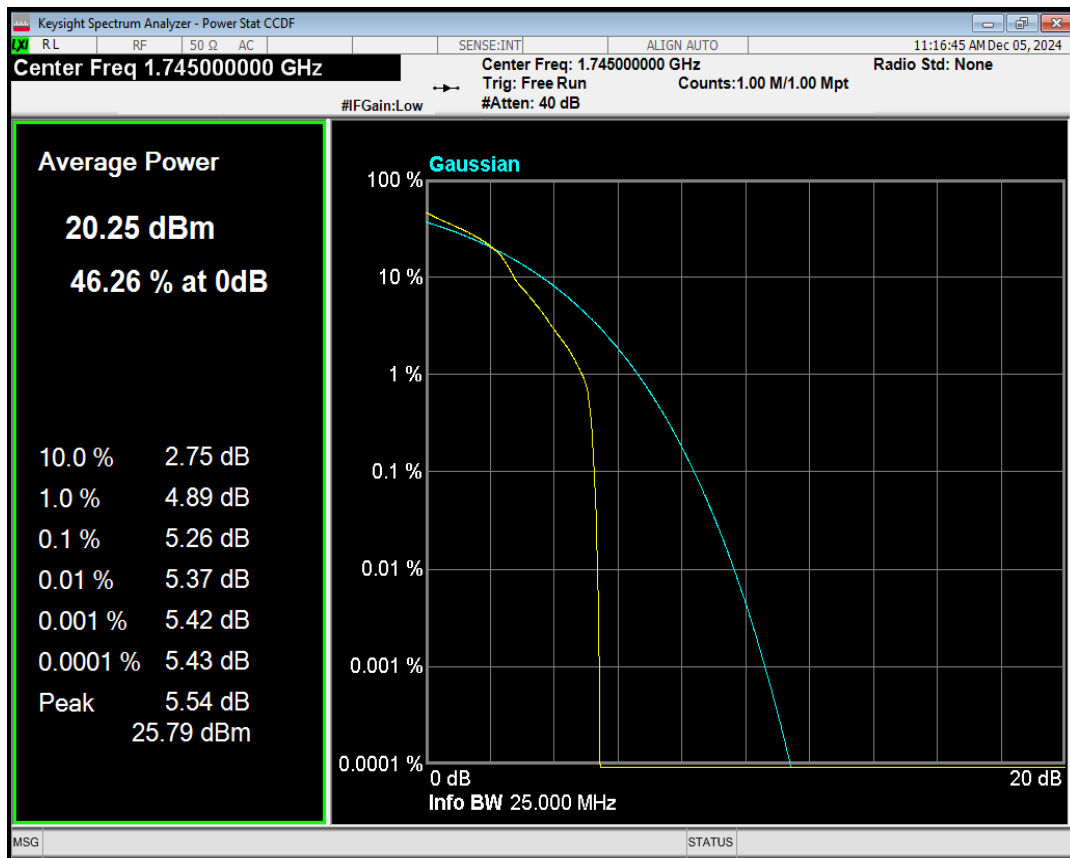
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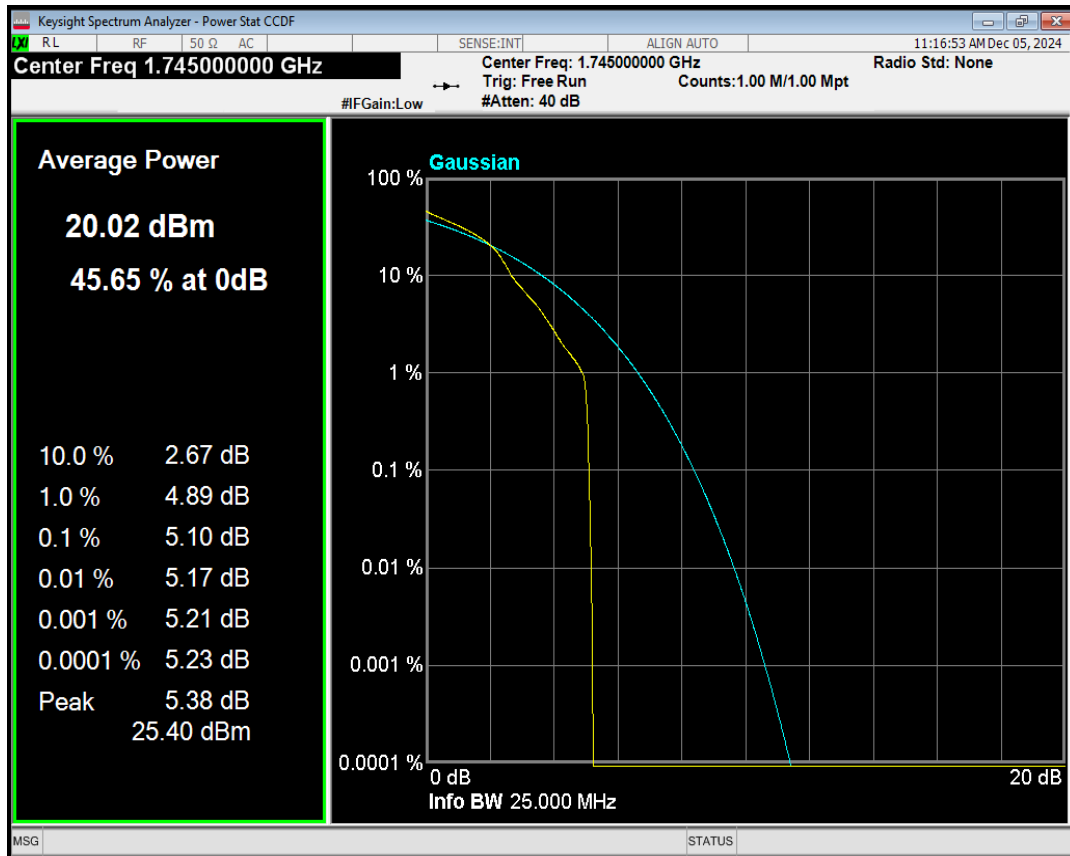
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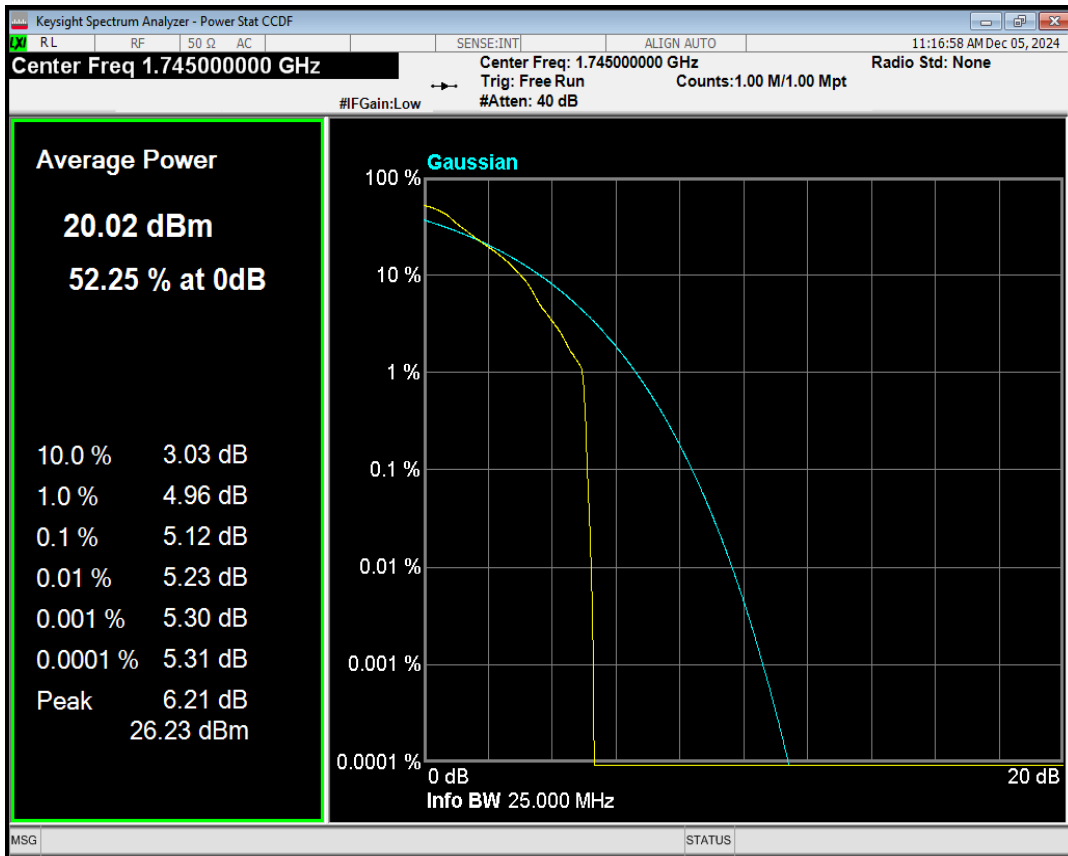
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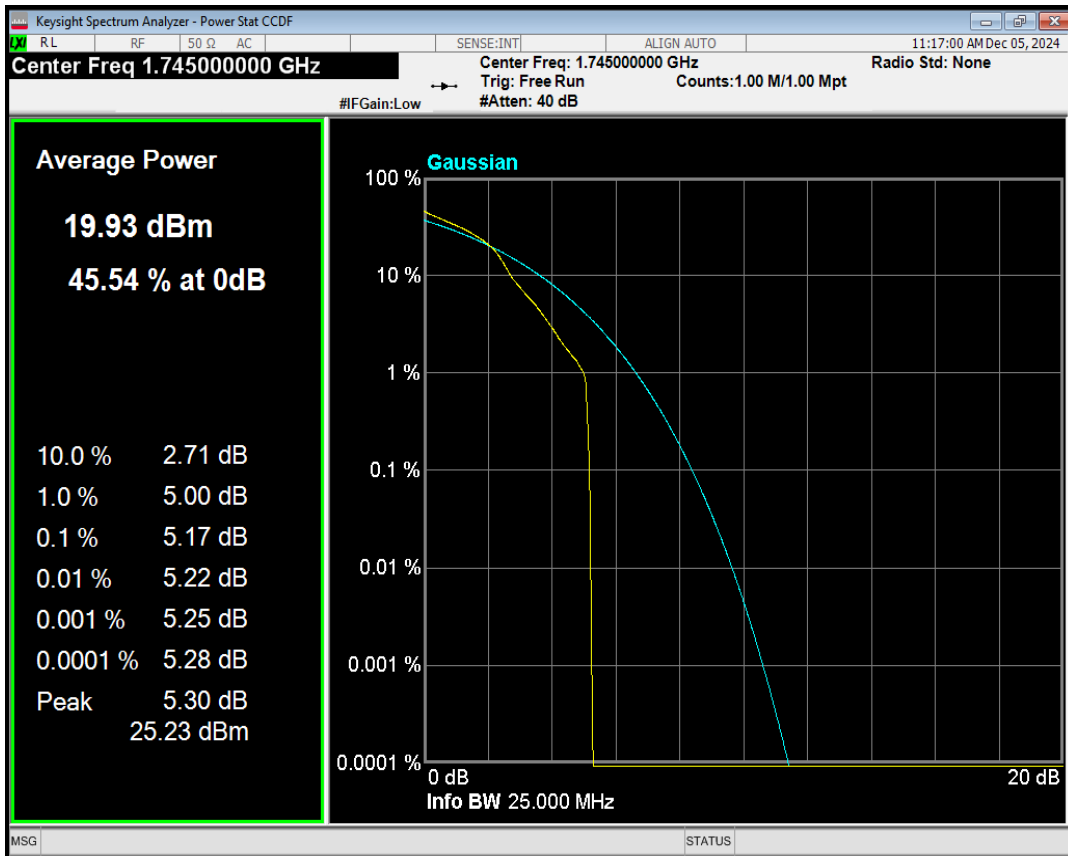
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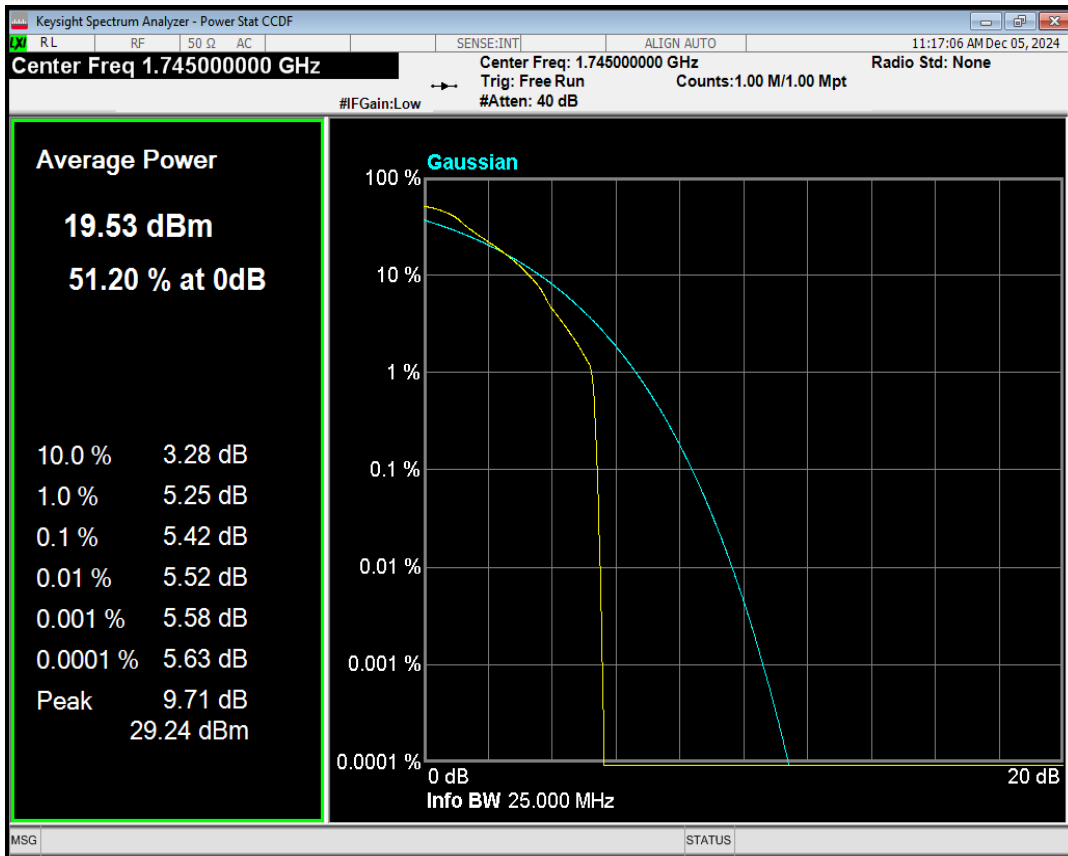
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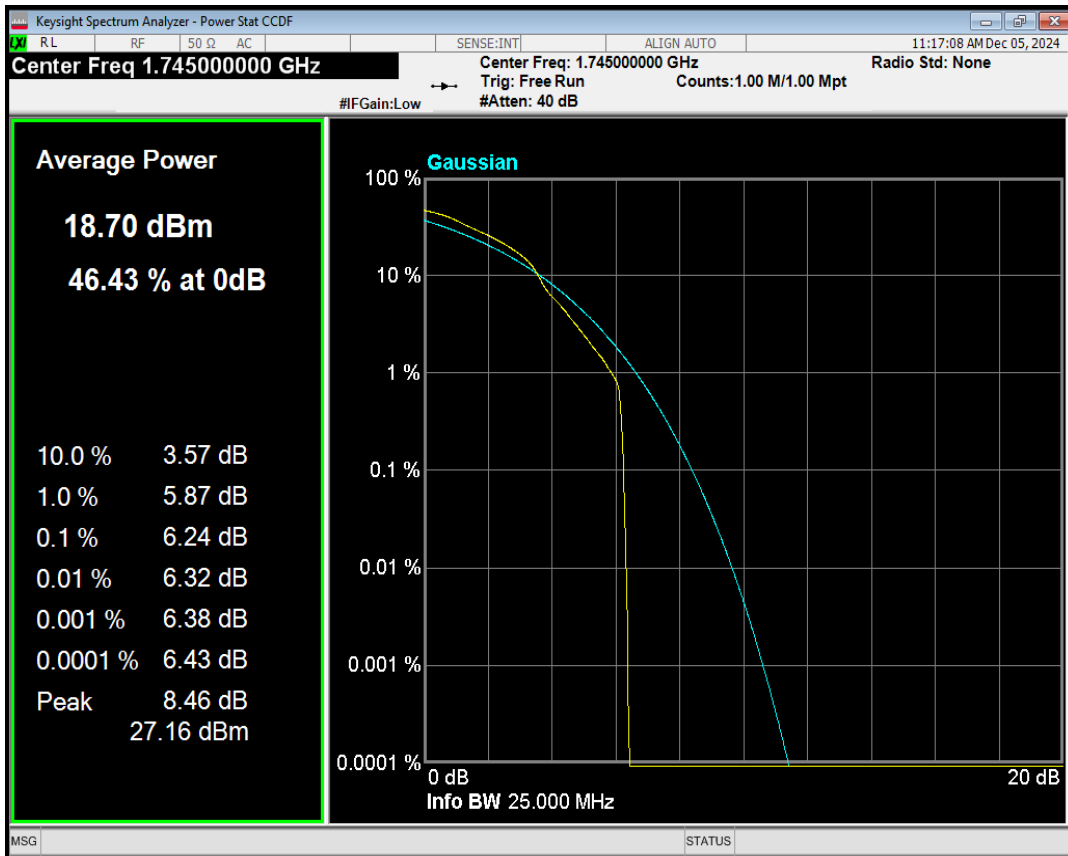
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Band66 QPSK BW=20MHz Channel=132322 RB Size=1 Position=#0



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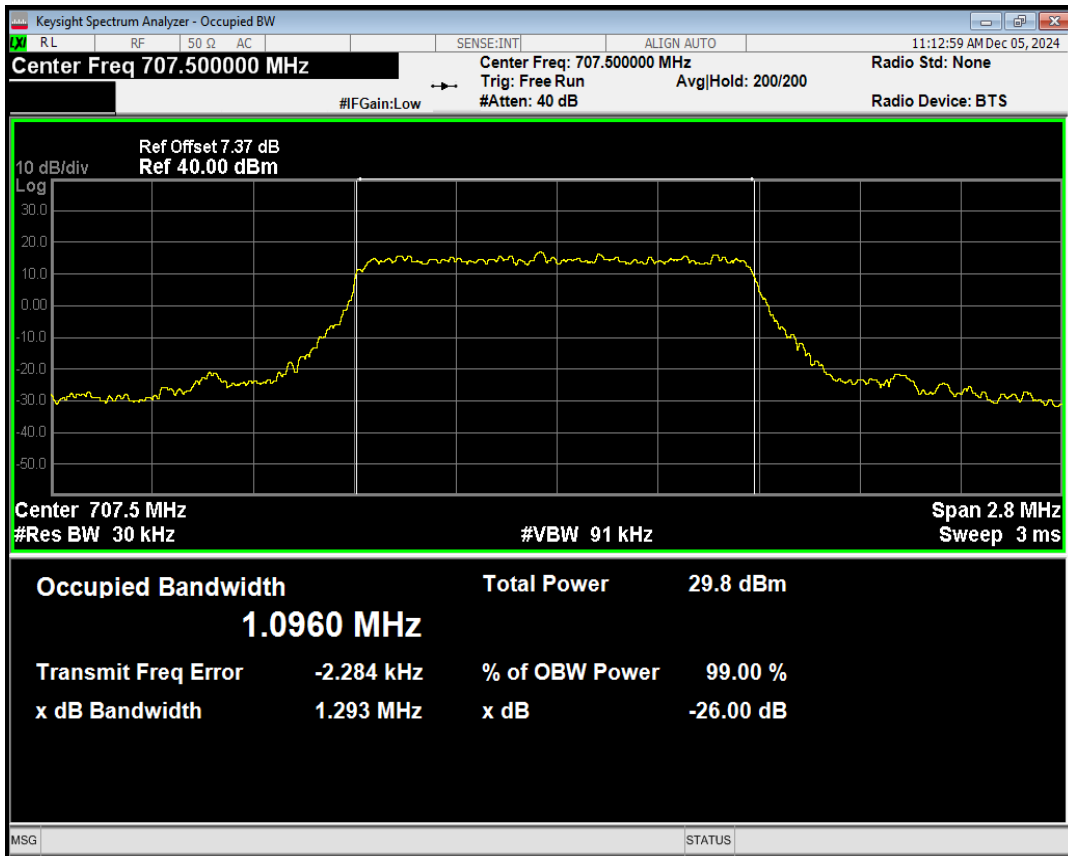


04 Occupied bandwidth

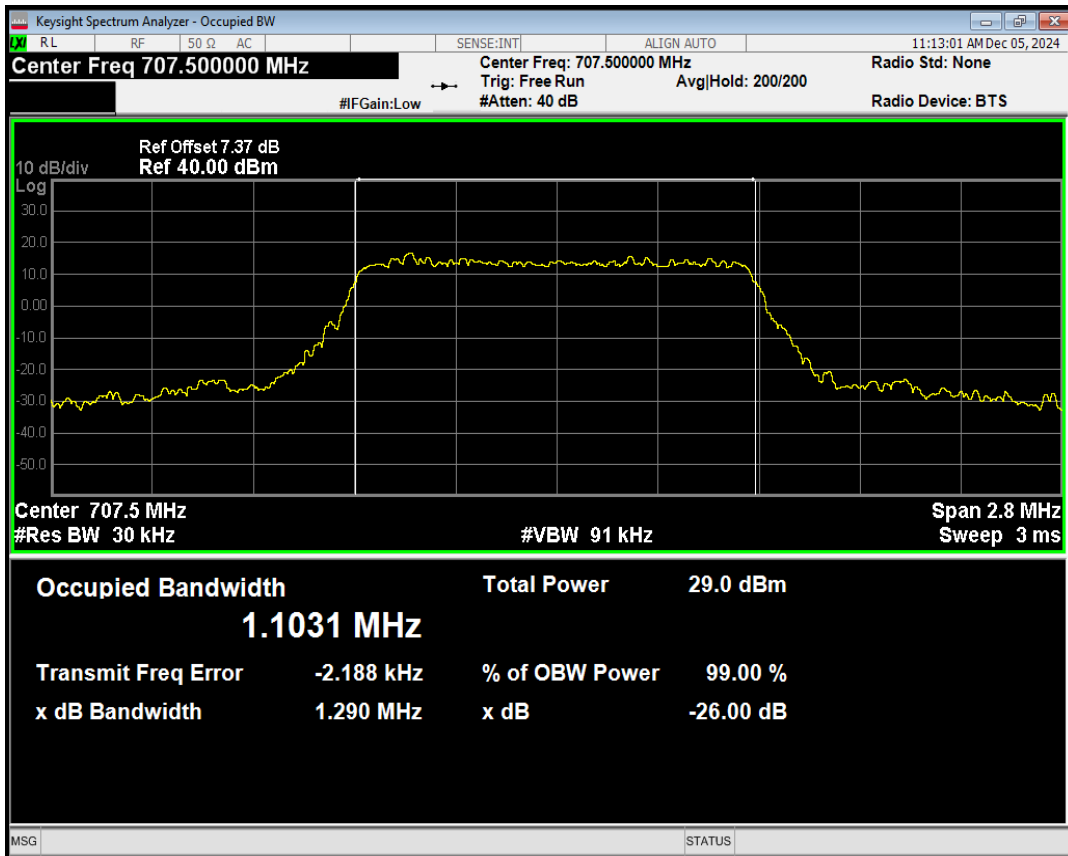
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band12	1.4	23095	6	#0	QPSK	1.096	1.293	PASS
Band12	1.4	23095	6	#0	QAM16	1.103	1.290	PASS
Band12	3	23095	15	#0	QPSK	2.702	2.953	PASS
Band12	3	23095	15	#0	QAM16	2.690	2.971	PASS
Band12	5	23095	25	#0	QPSK	4.530	4.984	PASS
Band12	5	23095	25	#0	QAM16	4.494	4.939	PASS
Band12	10	23095	50	#0	QPSK	8.917	9.770	PASS
Band12	10	23095	50	#0	QAM16	8.930	9.787	PASS
Band17	5	23790	25	#0	QPSK	4.541	5.121	PASS
Band17	5	23790	25	#0	QAM16	4.524	5.032	PASS
Band17	10	23790	50	#0	QPSK	8.977	9.947	PASS
Band17	10	23790	50	#0	QAM16	9.014	9.939	PASS
Band2	1.4	18900	6	#0	QPSK	1.090	1.280	PASS
Band2	1.4	18900	6	#0	QAM16	1.097	1.297	PASS
Band2	3	18900	15	#0	QPSK	2.699	3.010	PASS
Band2	3	18900	15	#0	QAM16	2.695	2.964	PASS
Band2	5	18900	25	#0	QPSK	4.513	5.000	PASS
Band2	5	18900	25	#0	QAM16	4.511	4.931	PASS
Band2	10	18900	50	#0	QPSK	8.977	9.851	PASS
Band2	10	18900	50	#0	QAM16	8.971	9.697	PASS
Band2	15	18900	75	#0	QPSK	13.467	14.644	PASS
Band2	15	18900	75	#0	QAM16	13.458	14.540	PASS
Band2	20	18900	100	#0	QPSK	17.929	19.241	PASS
Band2	20	18900	100	#0	QAM16	17.936	19.170	PASS
Band4	1.4	20175	6	#0	QPSK	1.090	1.275	PASS
Band4	1.4	20175	6	#0	QAM16	1.096	1.272	PASS
Band4	3	20175	15	#0	QPSK	2.701	3.009	PASS
Band4	3	20175	15	#0	QAM16	2.697	3.013	PASS
Band4	5	20175	25	#0	QPSK	4.521	4.972	PASS
Band4	5	20175	25	#0	QAM16	4.527	4.970	PASS
Band4	10	20175	50	#0	QPSK	8.945	9.792	PASS
Band4	10	20175	50	#0	QAM16	9.024	9.773	PASS
Band4	15	20175	75	#0	QPSK	13.440	14.737	PASS
Band4	15	20175	75	#0	QAM16	13.541	14.620	PASS
Band4	20	20175	100	#0	QPSK	17.856	19.203	PASS
Band4	20	20175	100	#0	QAM16	17.982	19.220	PASS
Band5	1.4	20525	6	#0	QPSK	1.100	1.286	PASS
Band5	1.4	20525	6	#0	QAM16	1.098	1.278	PASS
Band5	3	20525	15	#0	QPSK	2.706	2.967	PASS
Band5	3	20525	15	#0	QAM16	2.691	2.969	PASS
Band5	5	20525	25	#0	QPSK	4.535	4.990	PASS
Band5	5	20525	25	#0	QAM16	4.522	4.953	PASS

Band5	10	20525	50	#0	QPSK	8.994	9.837	PASS
Band5	10	20525	50	#0	QAM16	8.988	9.649	PASS
Band66	1.4	132322	6	#0	QPSK	1.092	1.303	PASS
Band66	1.4	132322	6	#0	QAM16	1.101	1.304	PASS
Band66	3	132322	15	#0	QPSK	2.697	2.988	PASS
Band66	3	132322	15	#0	QAM16	2.706	2.995	PASS
Band66	5	132322	25	#0	QPSK	4.520	5.025	PASS
Band66	5	132322	25	#0	QAM16	4.522	4.972	PASS
Band66	10	132322	50	#0	QPSK	8.967	9.922	PASS
Band66	10	132322	50	#0	QAM16	8.967	9.922	PASS
Band66	15	132322	75	#0	QPSK	13.429	14.498	PASS
Band66	15	132322	75	#0	QAM16	13.429	14.498	PASS
Band66	20	132322	100	#0	QPSK	17.883	19.292	PASS
Band66	20	132322	100	#0	QAM16	17.883	19.292	PASS

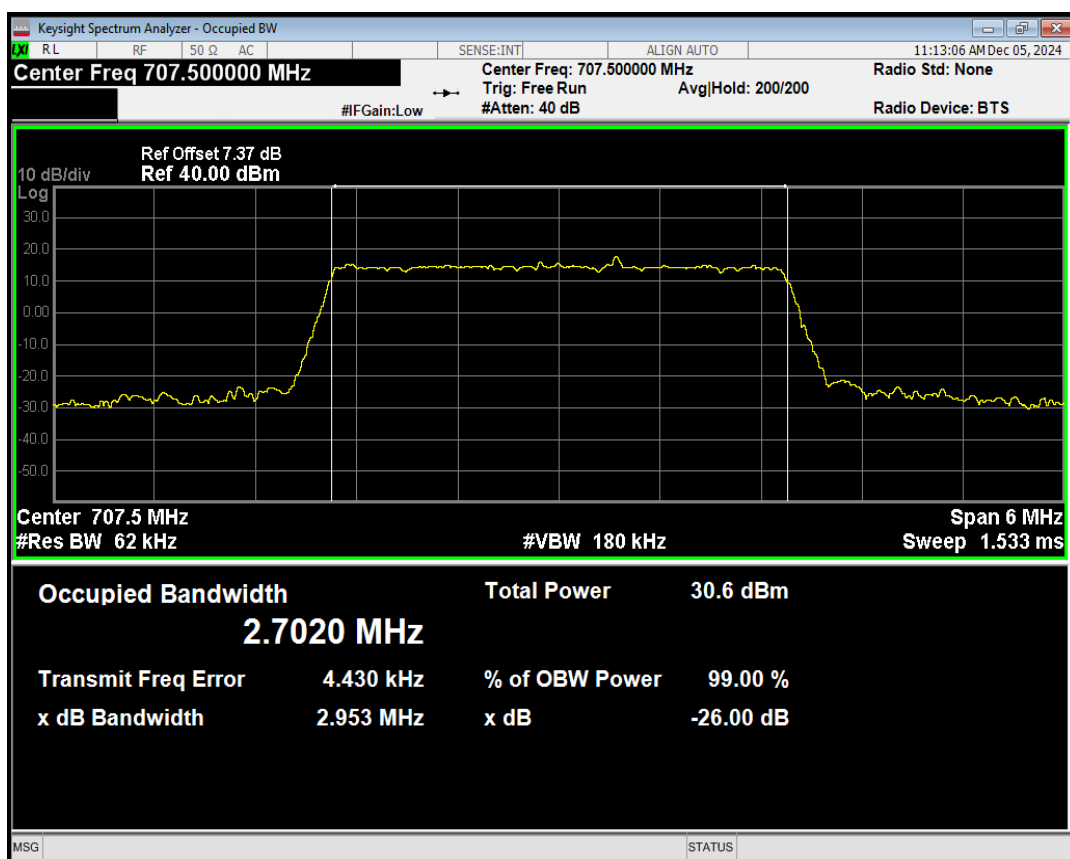
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



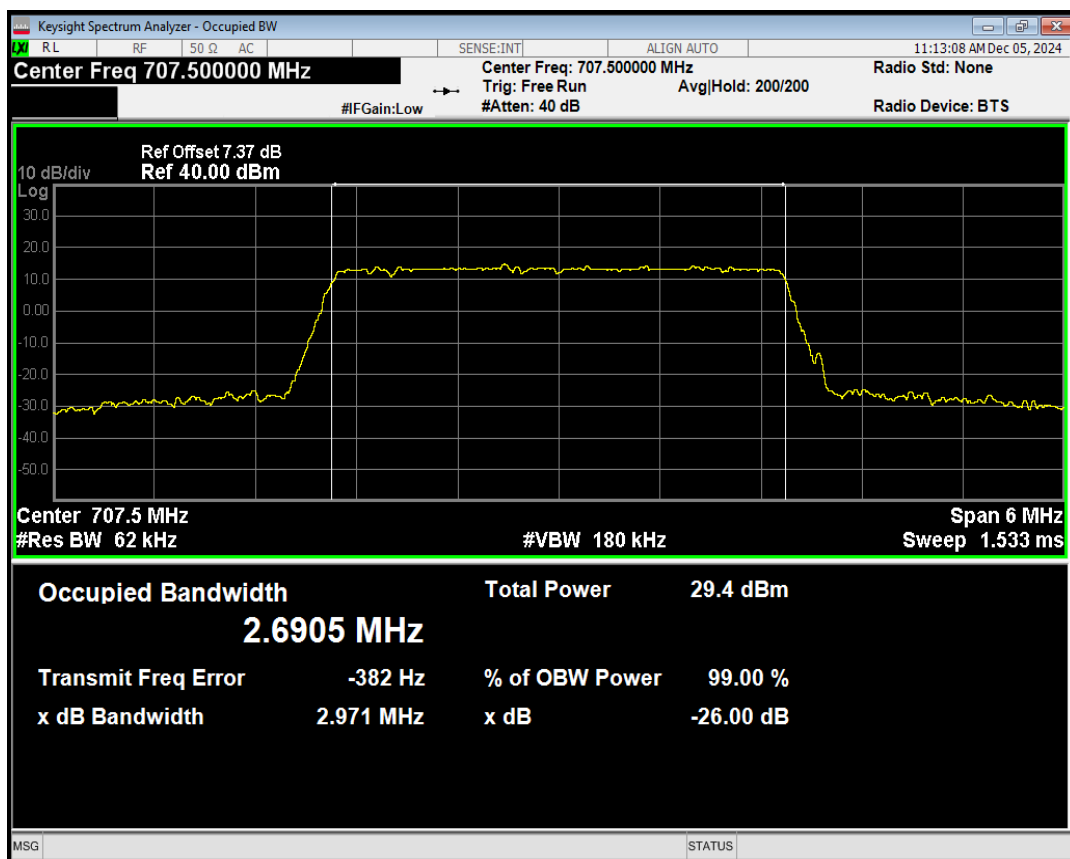
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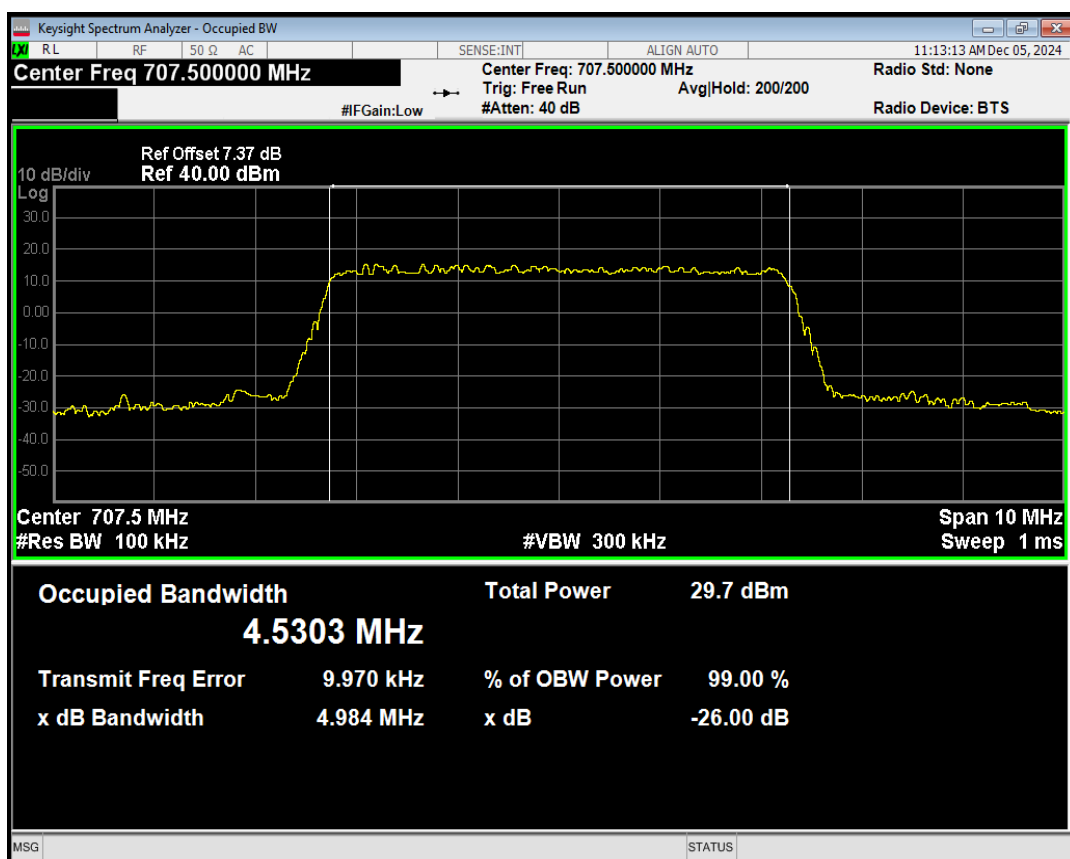
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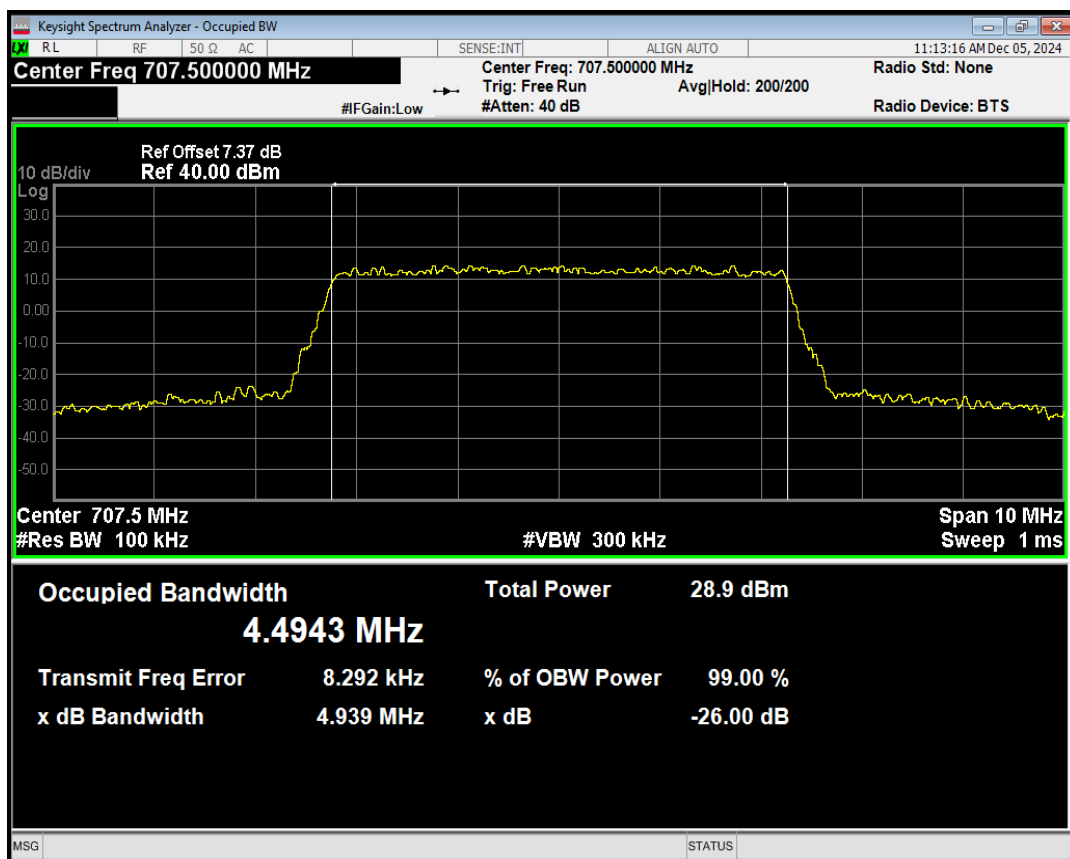
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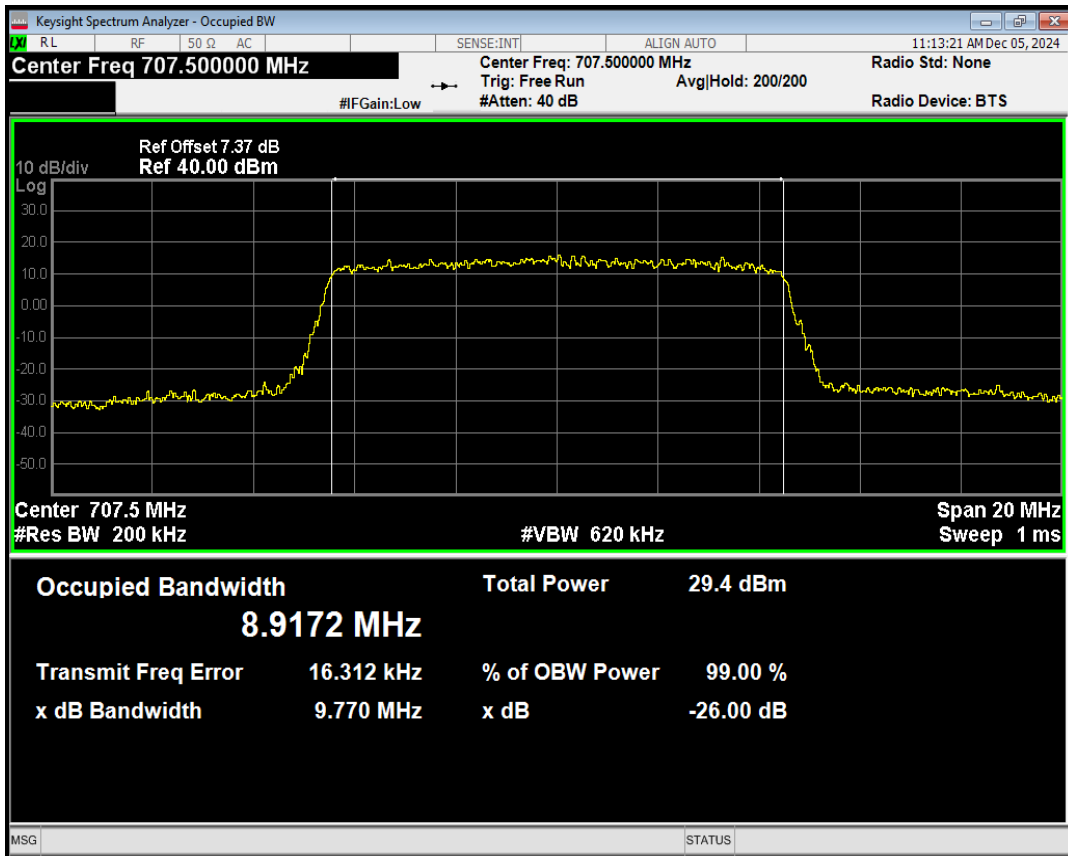
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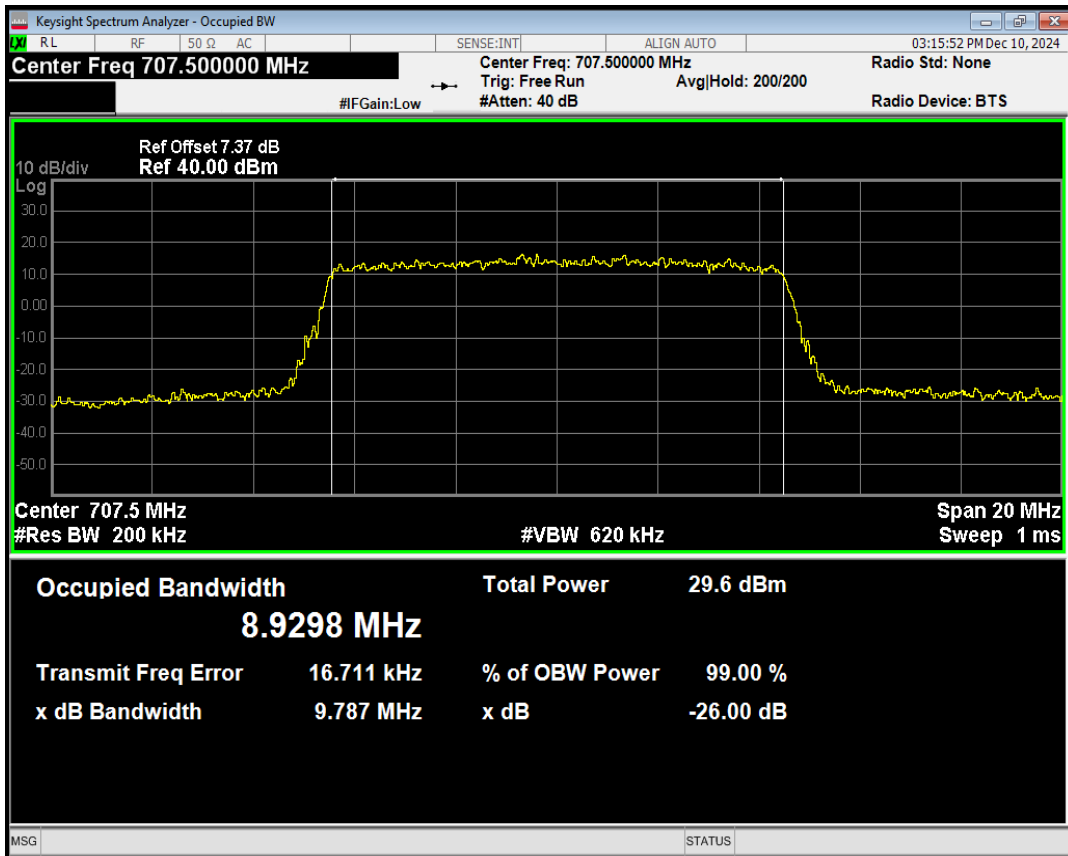
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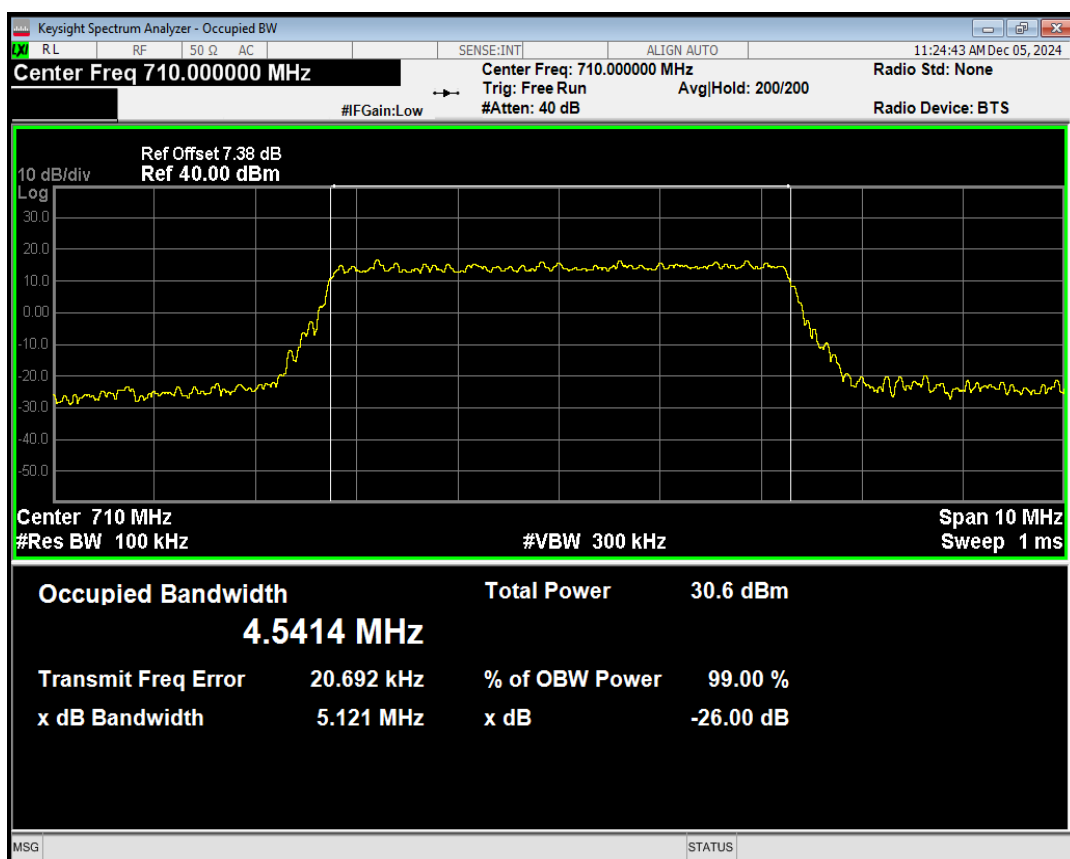
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



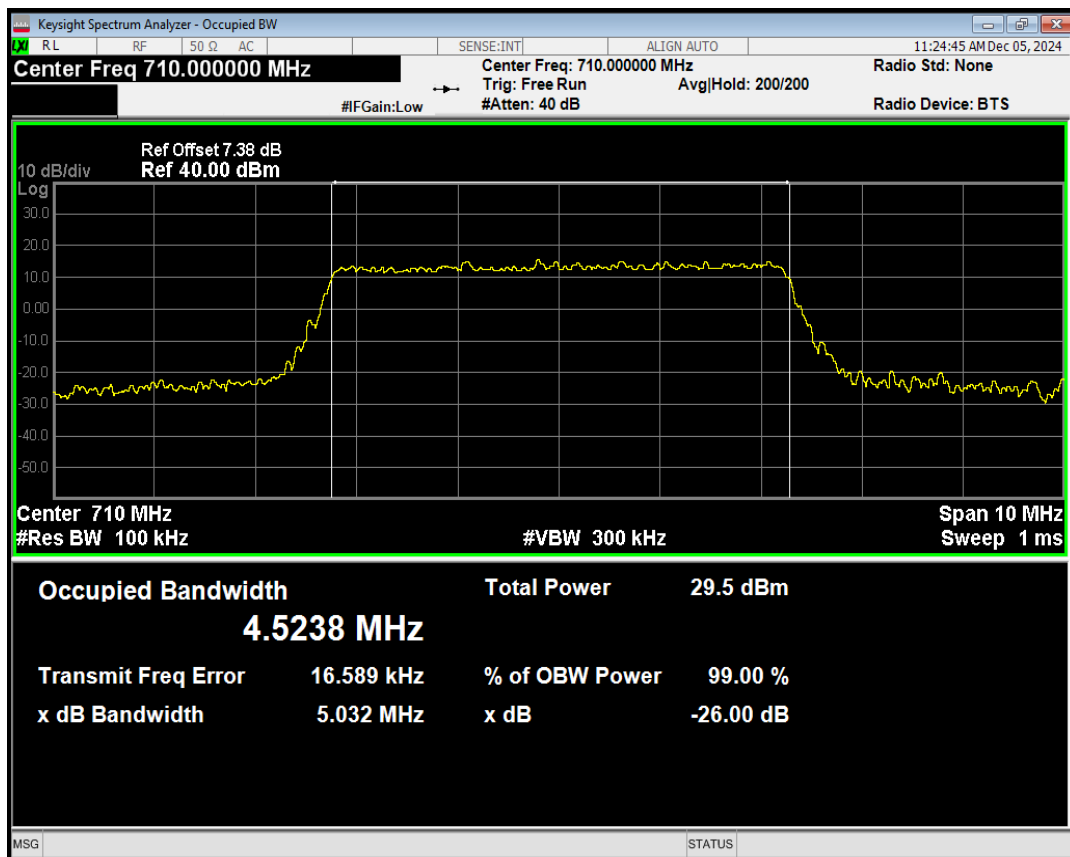
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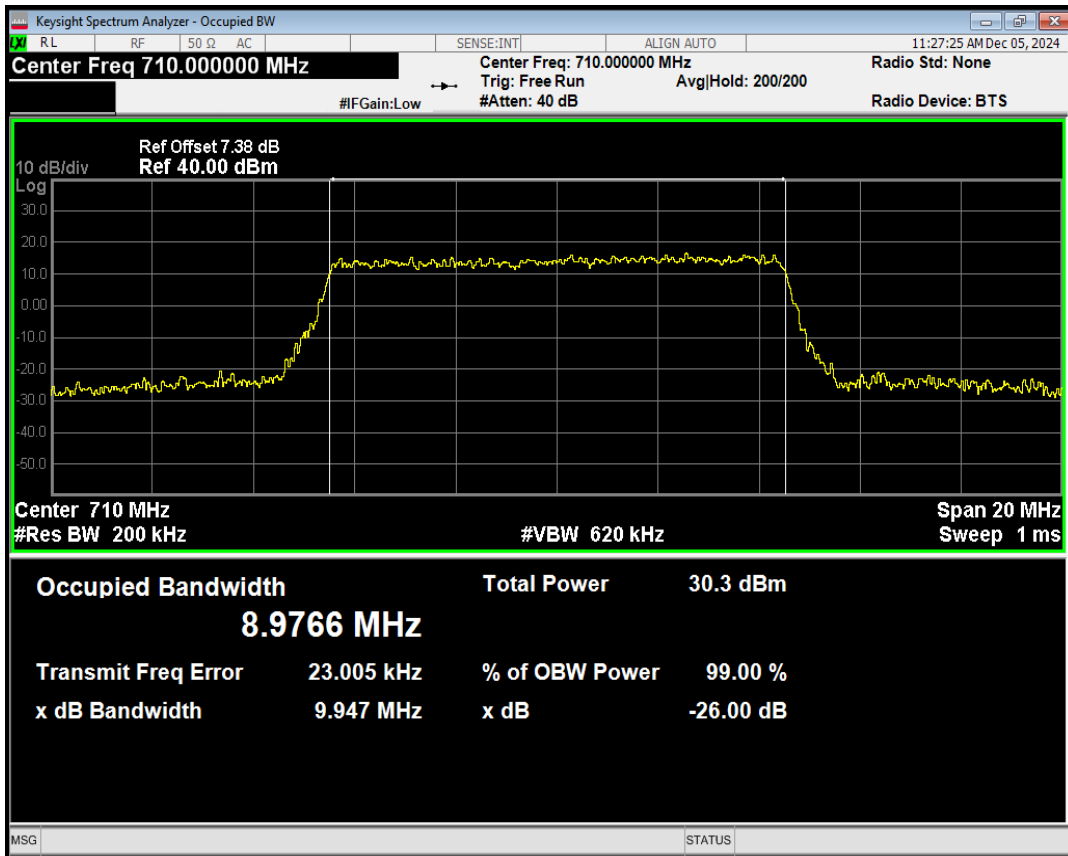
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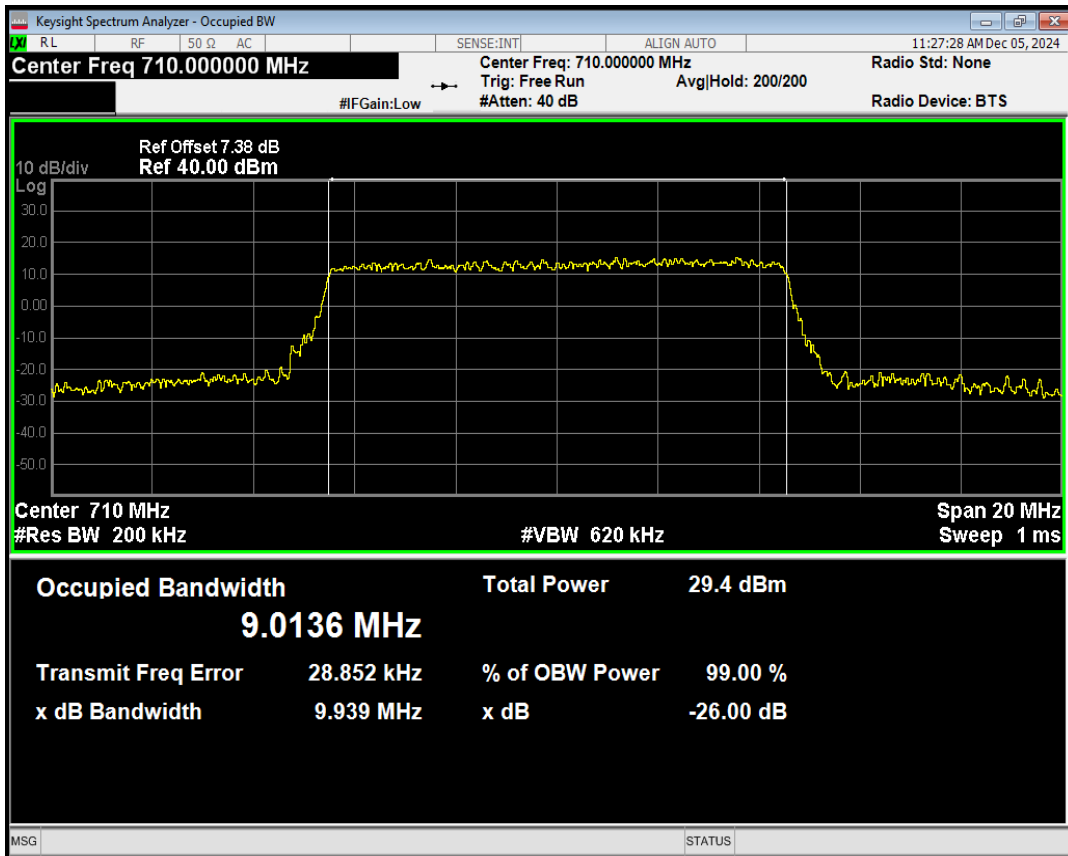
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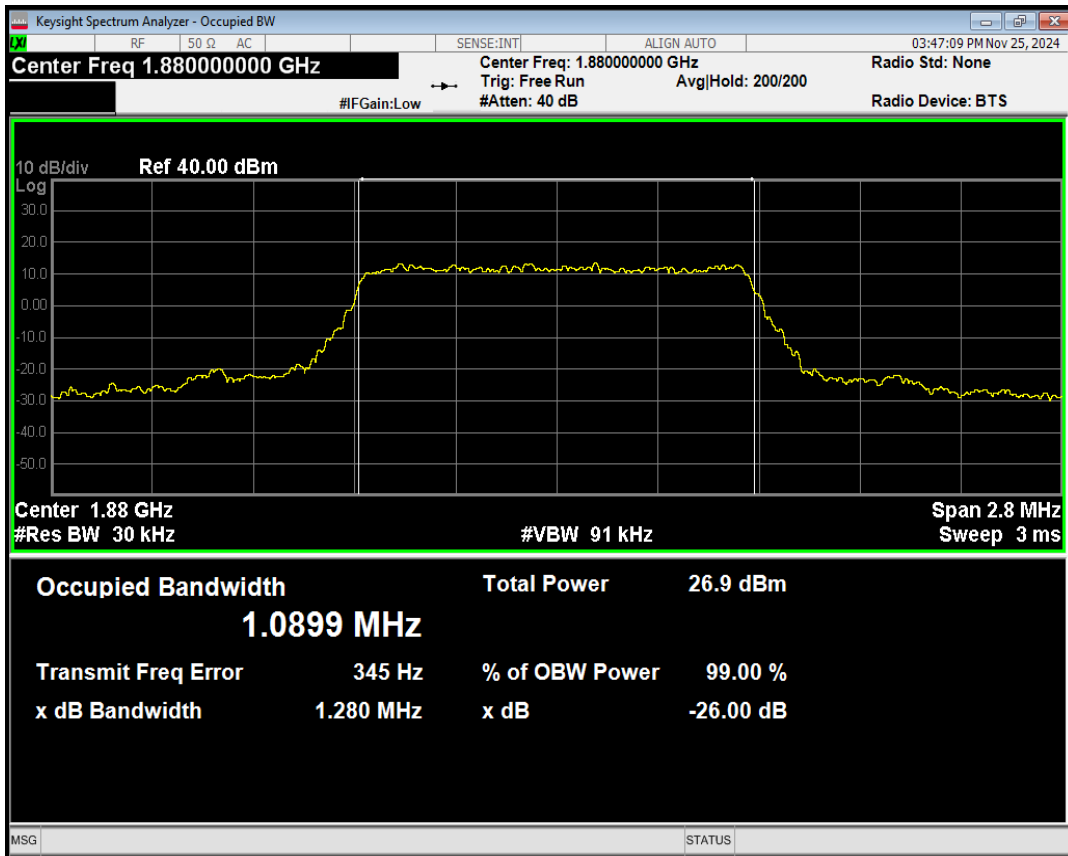
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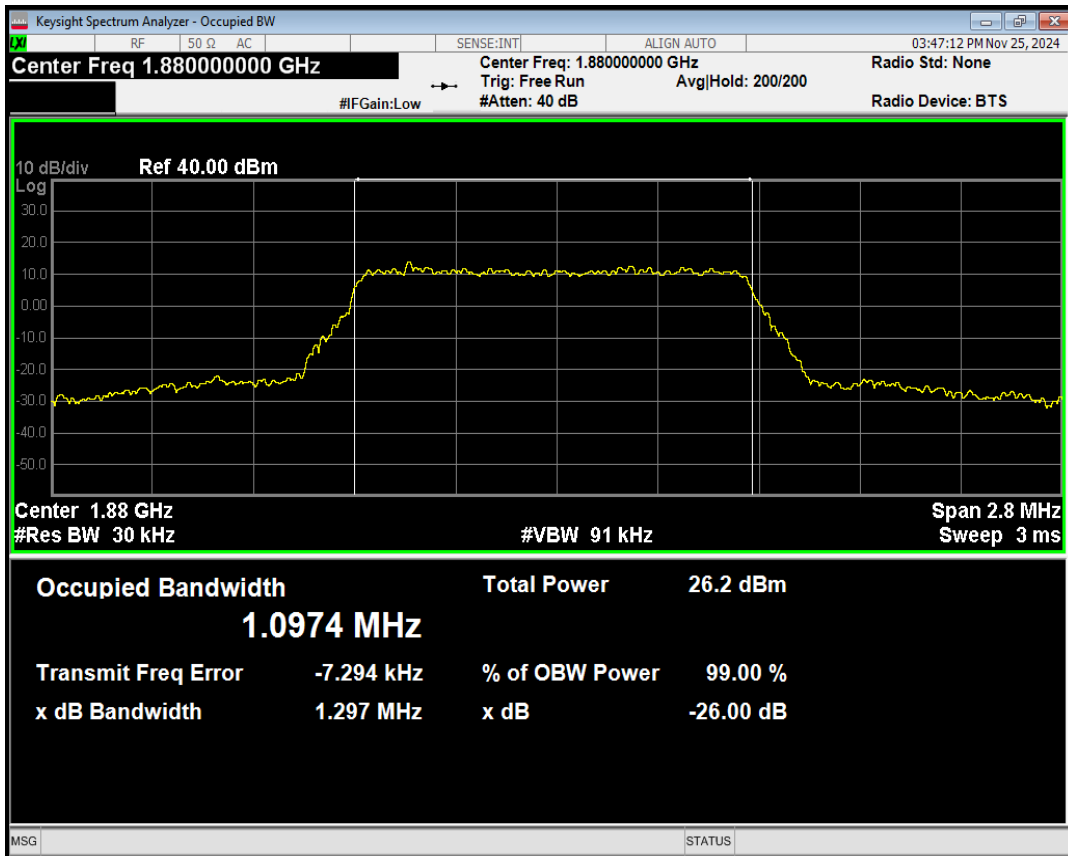
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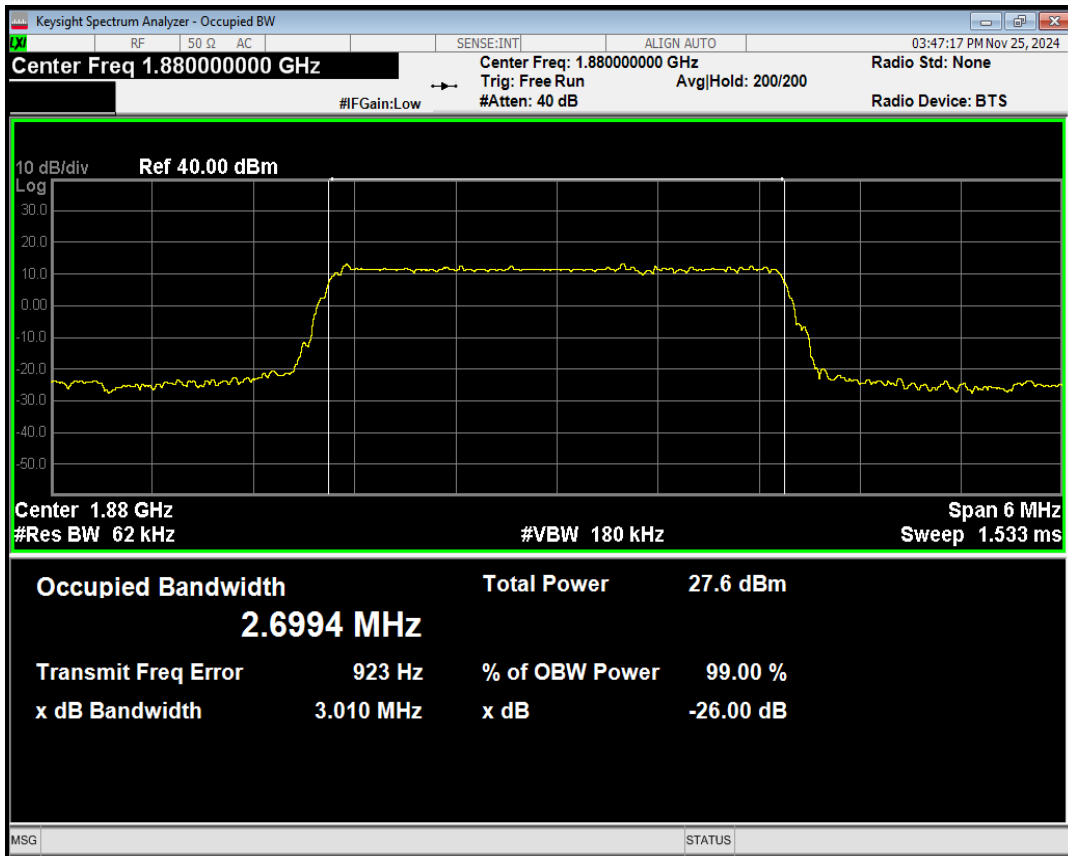
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



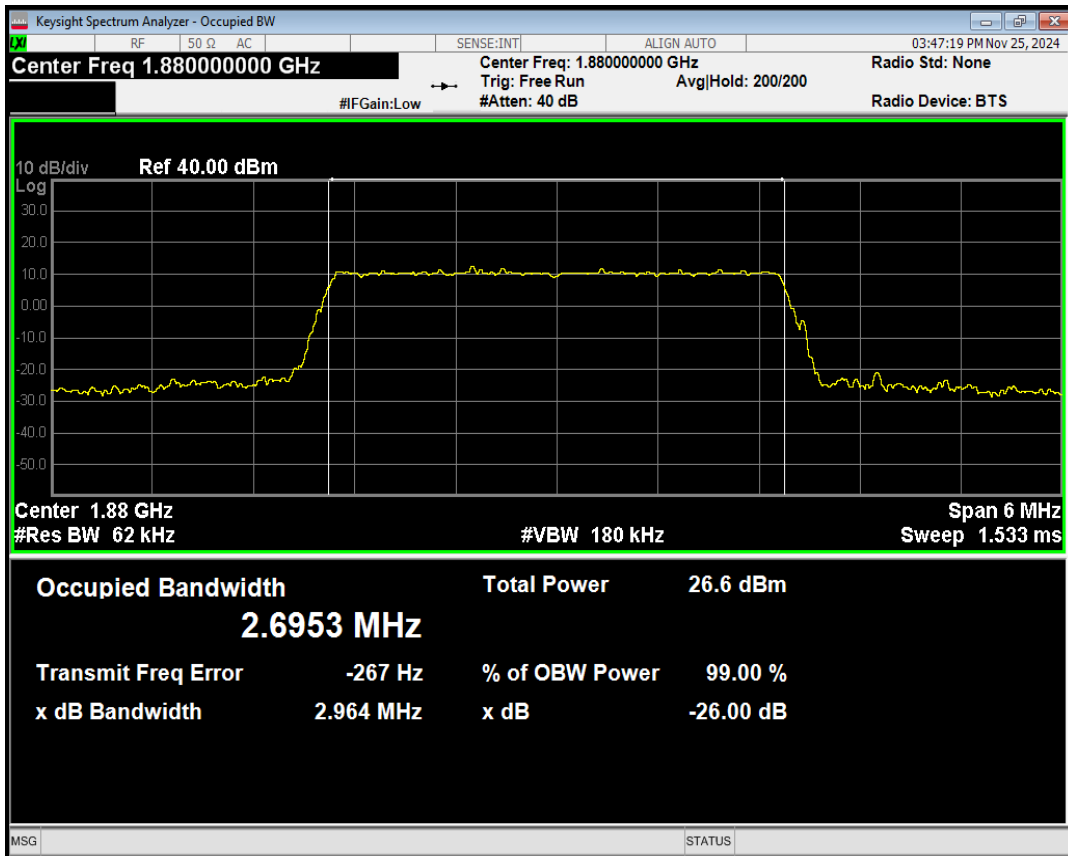
Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=6 Position=#0



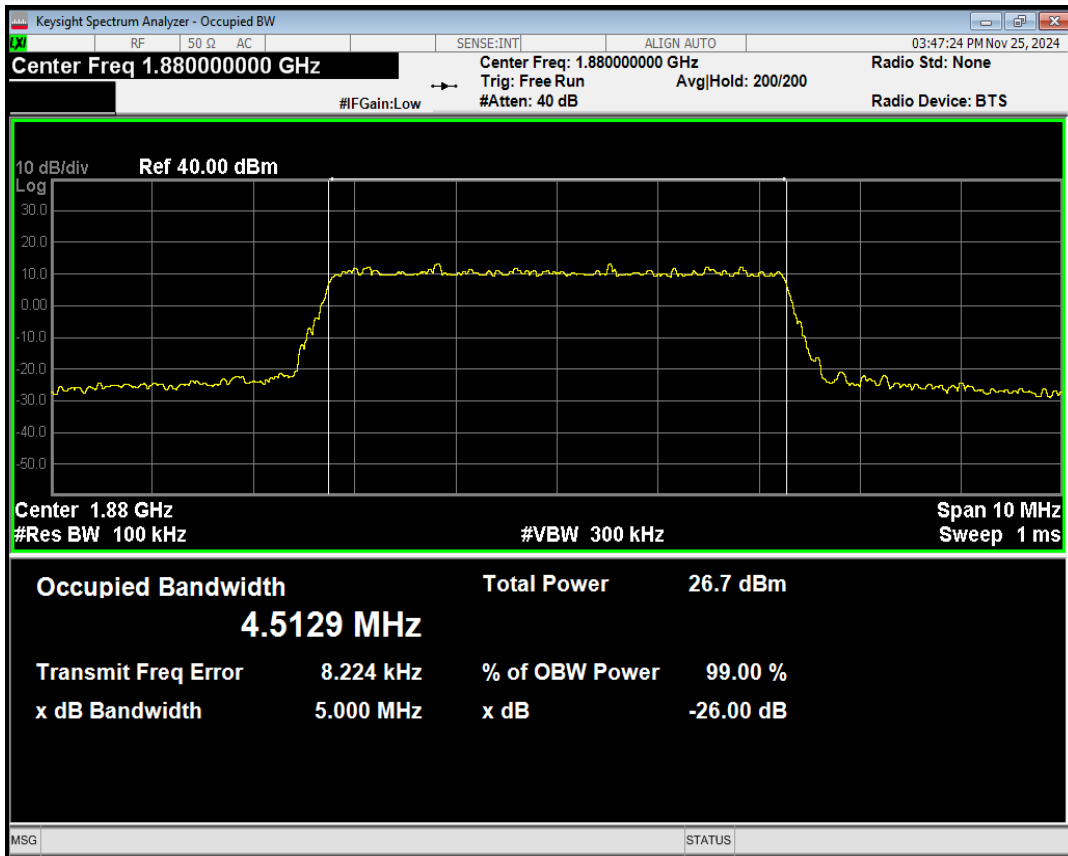
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



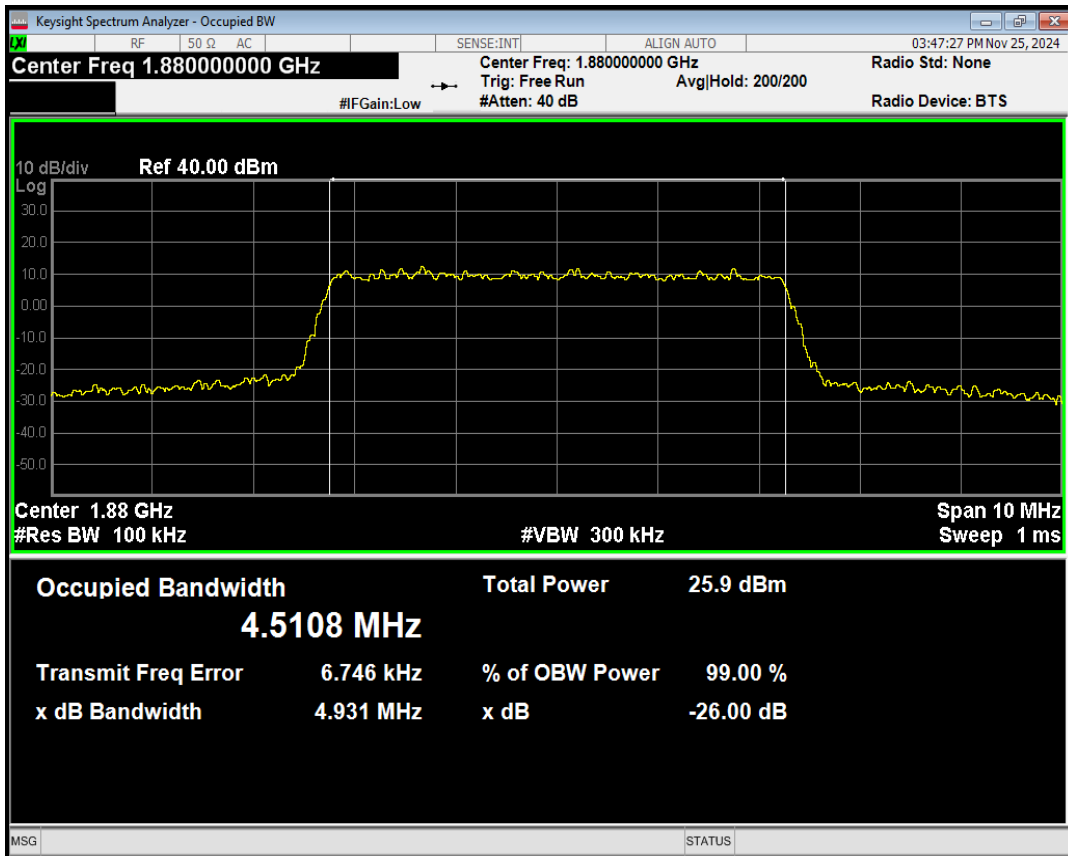
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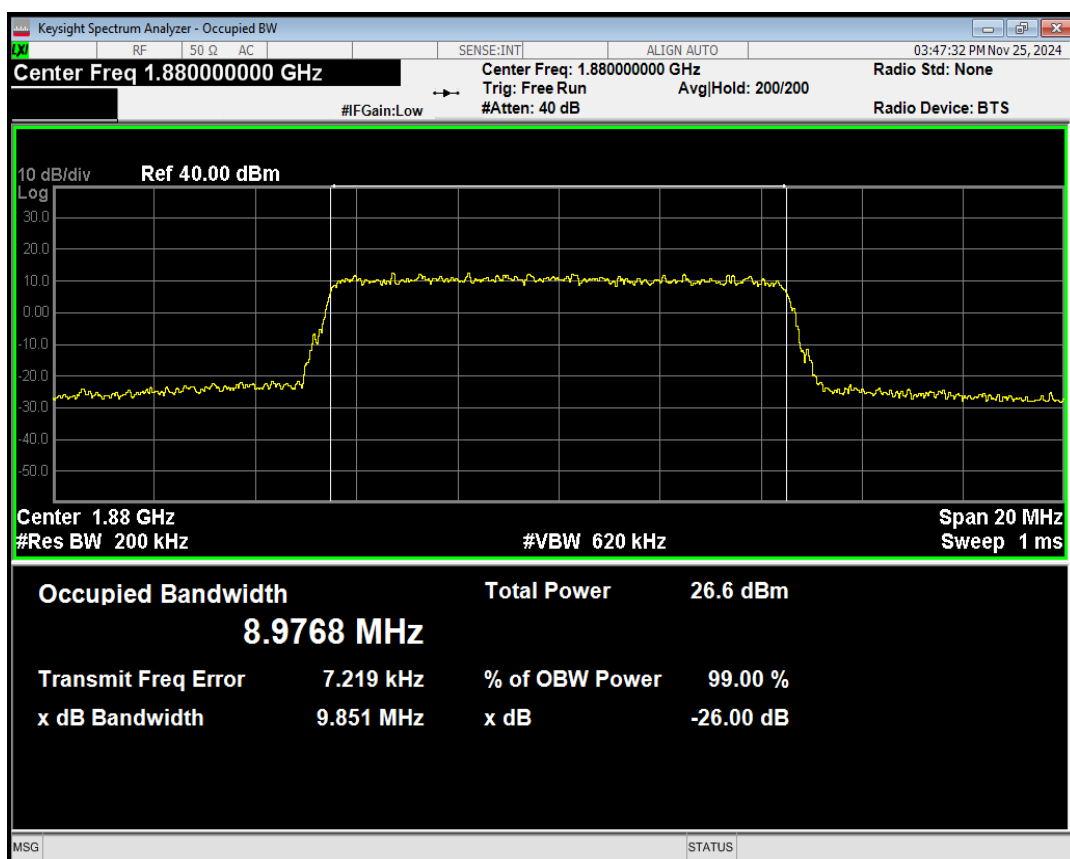
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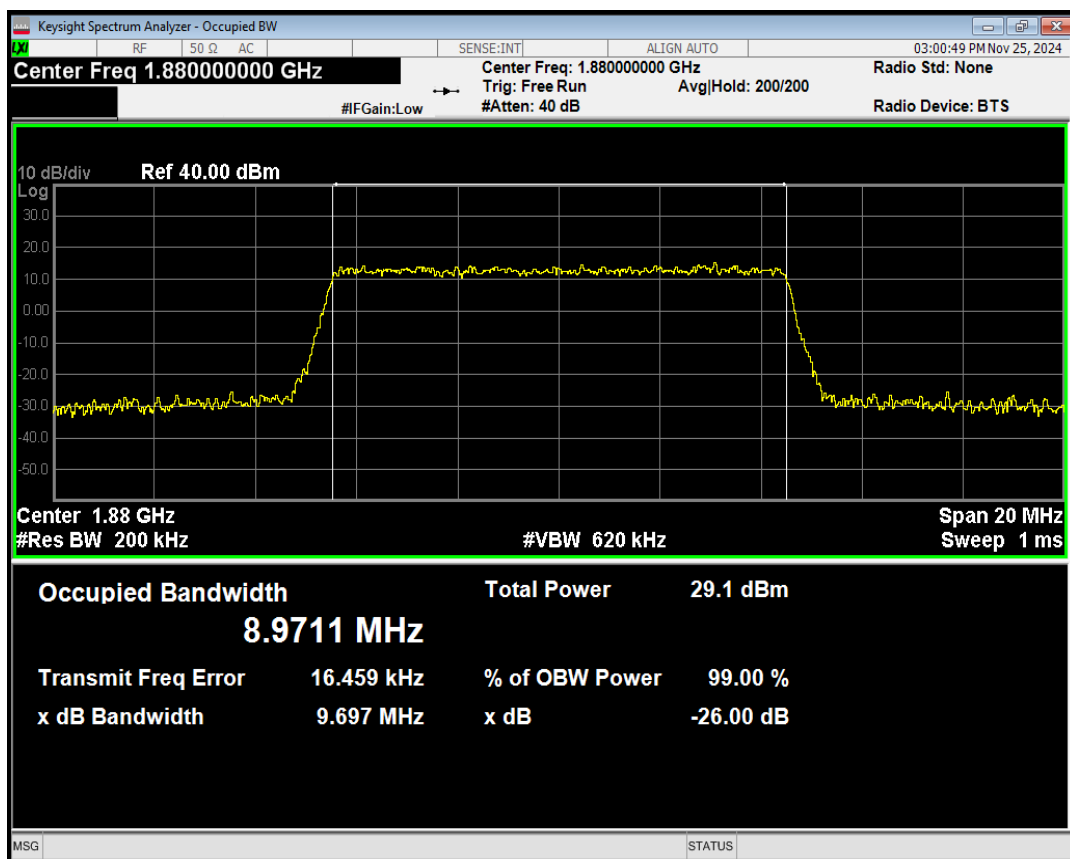
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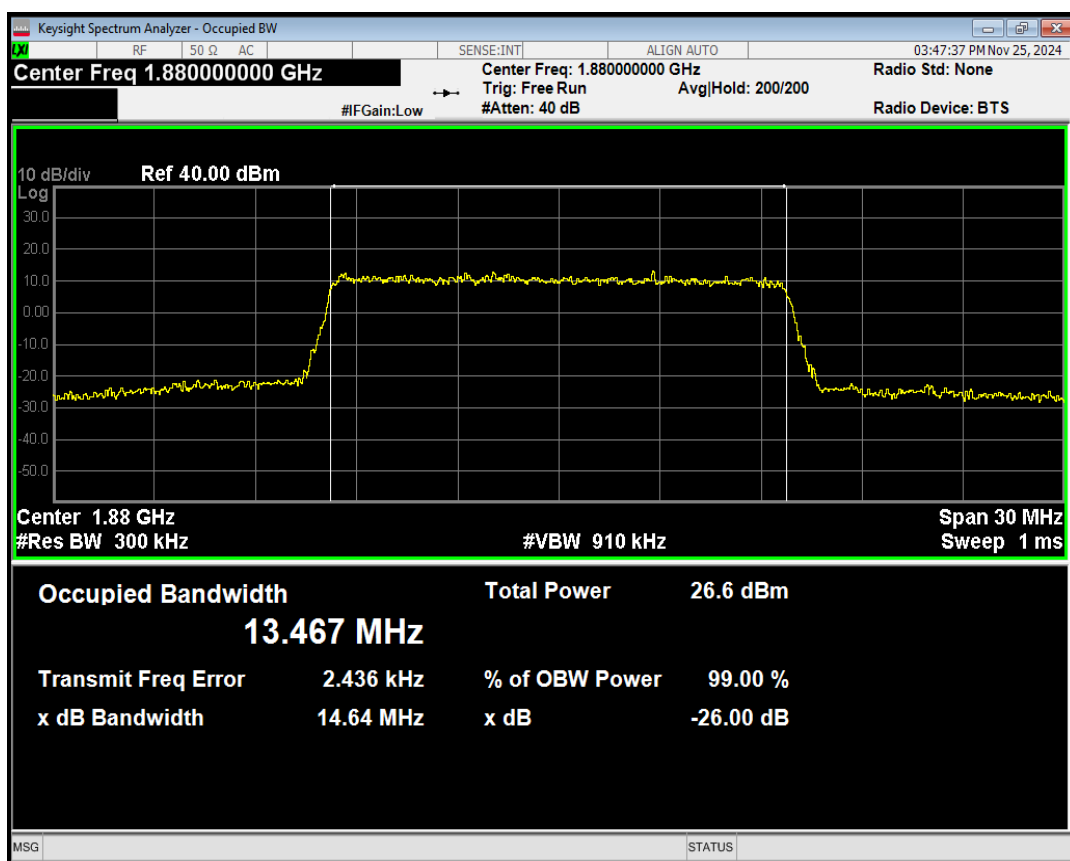
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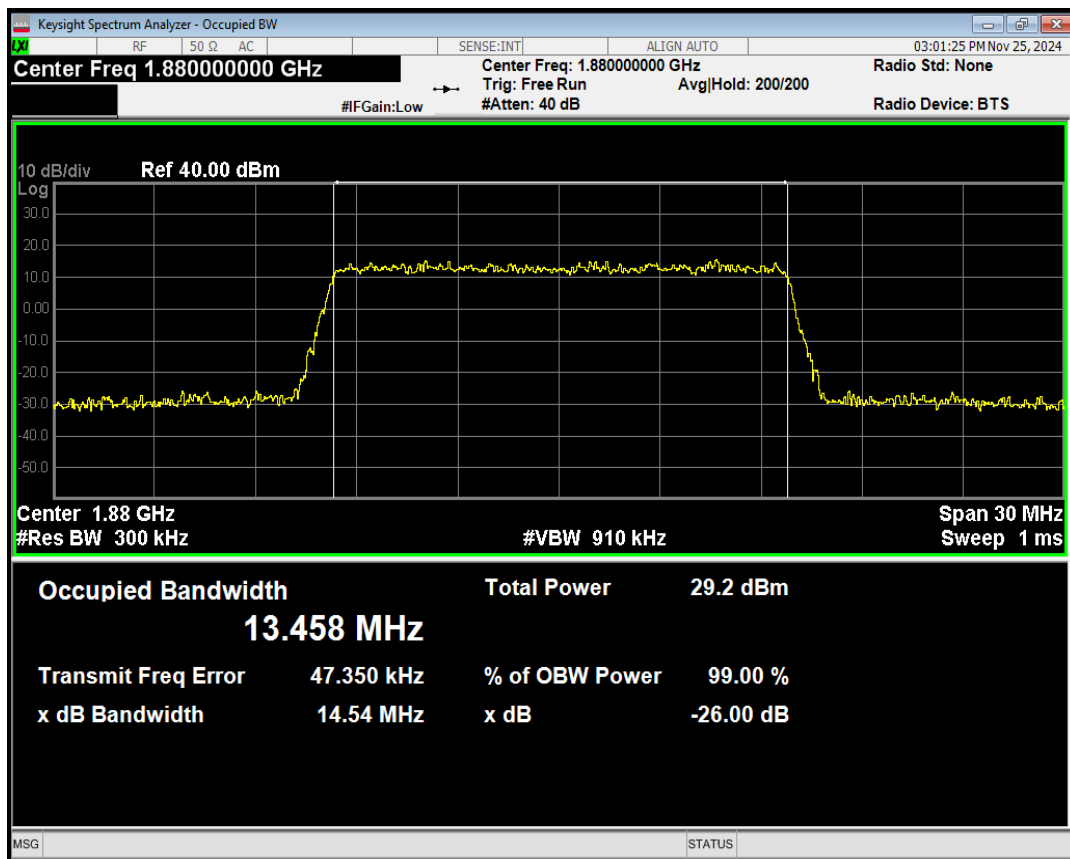
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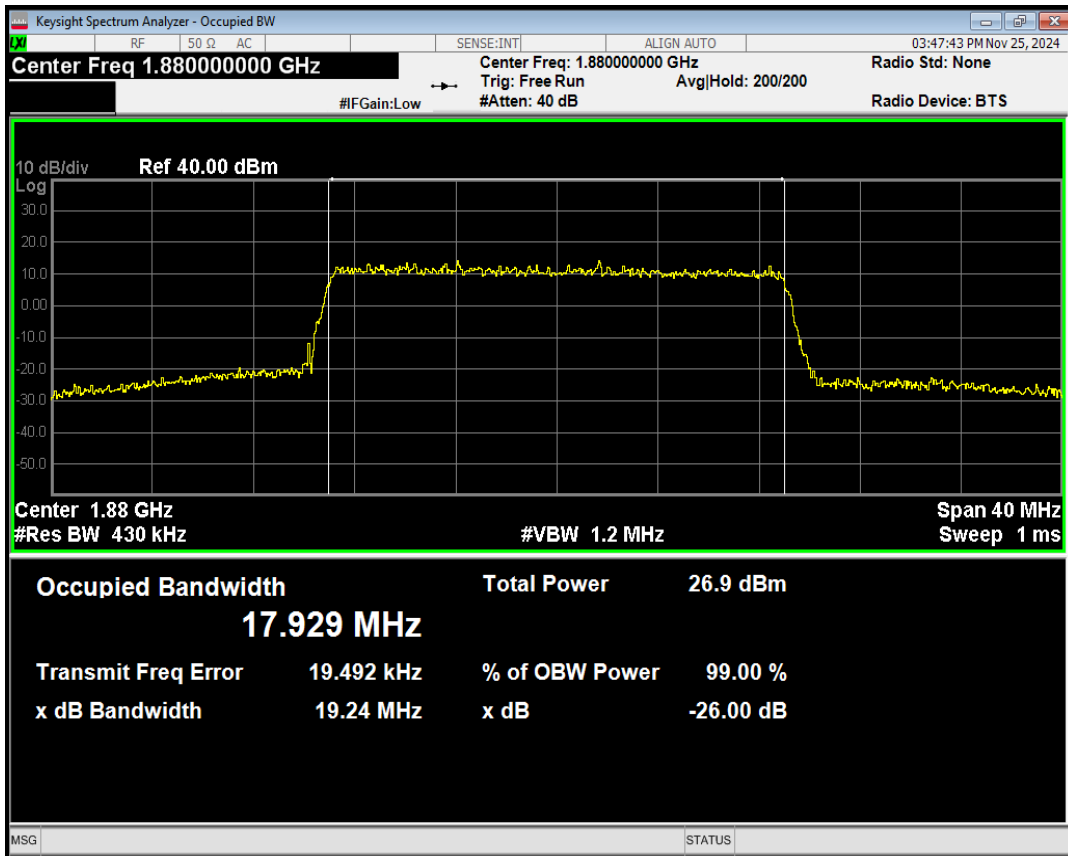
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



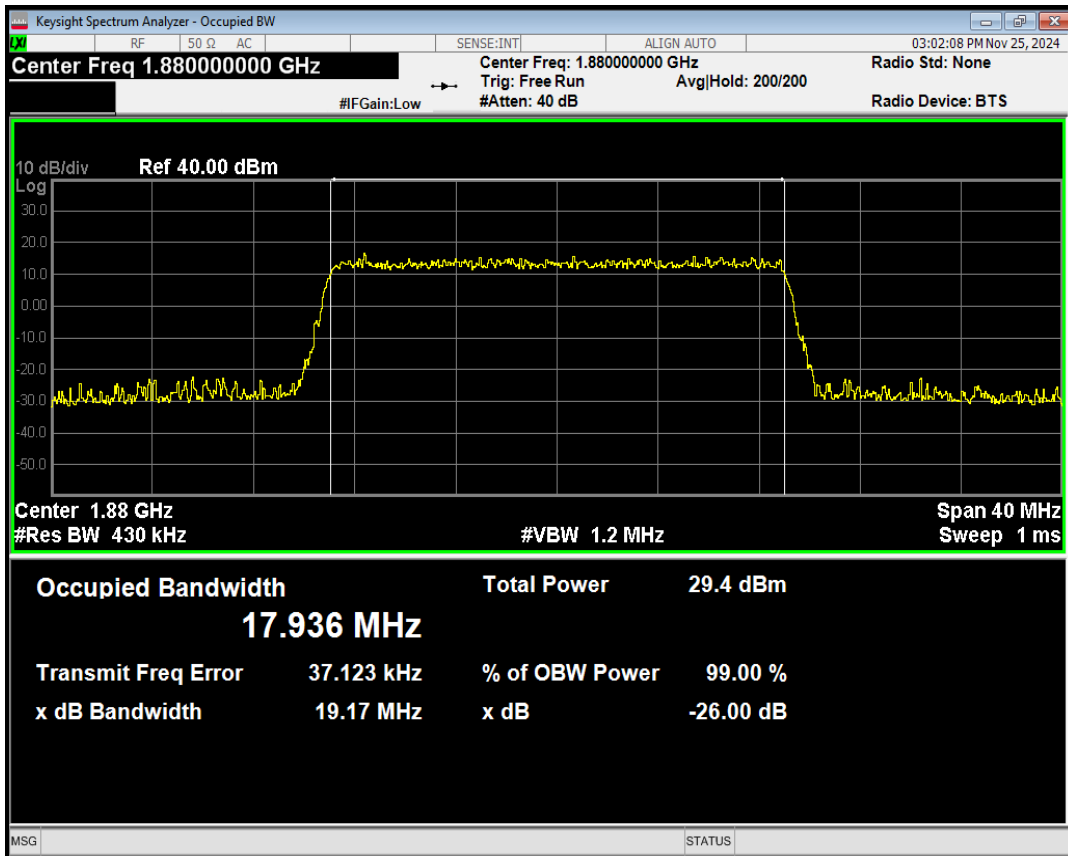
Band2 QAM16 BW=15MHz Channel=18900 RB Size=75 Position=#0



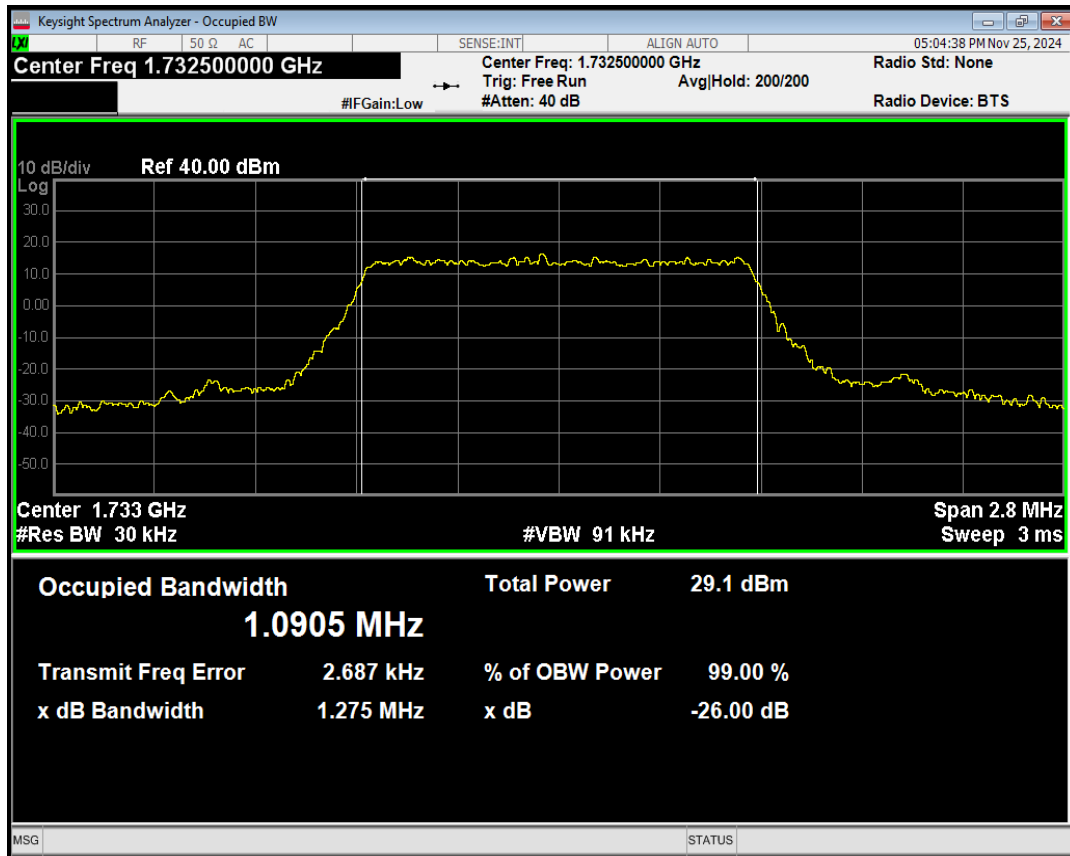
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



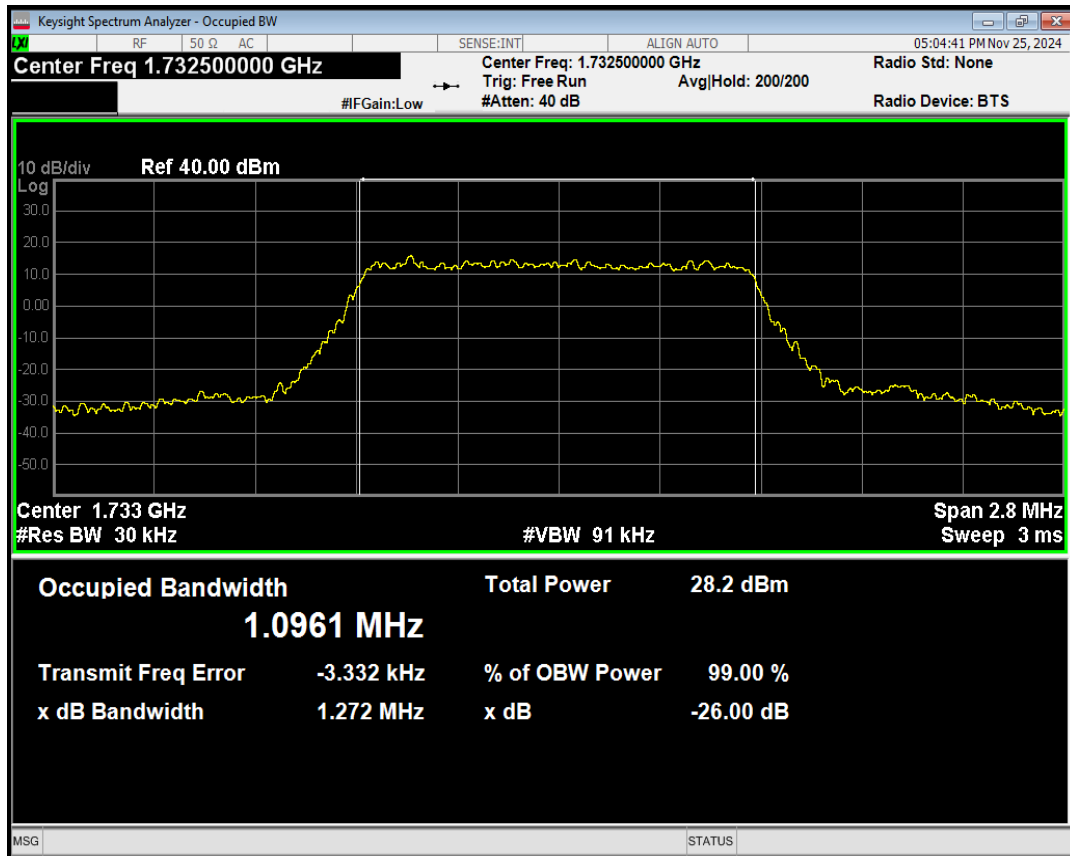
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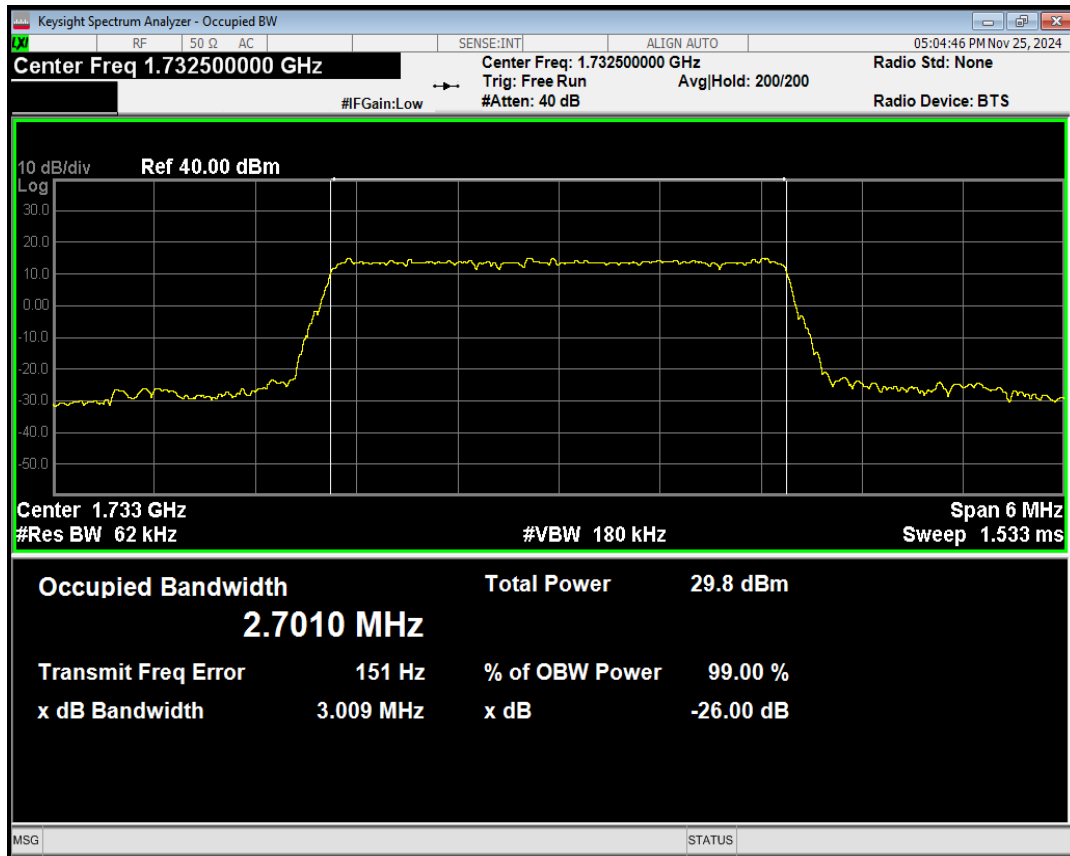
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



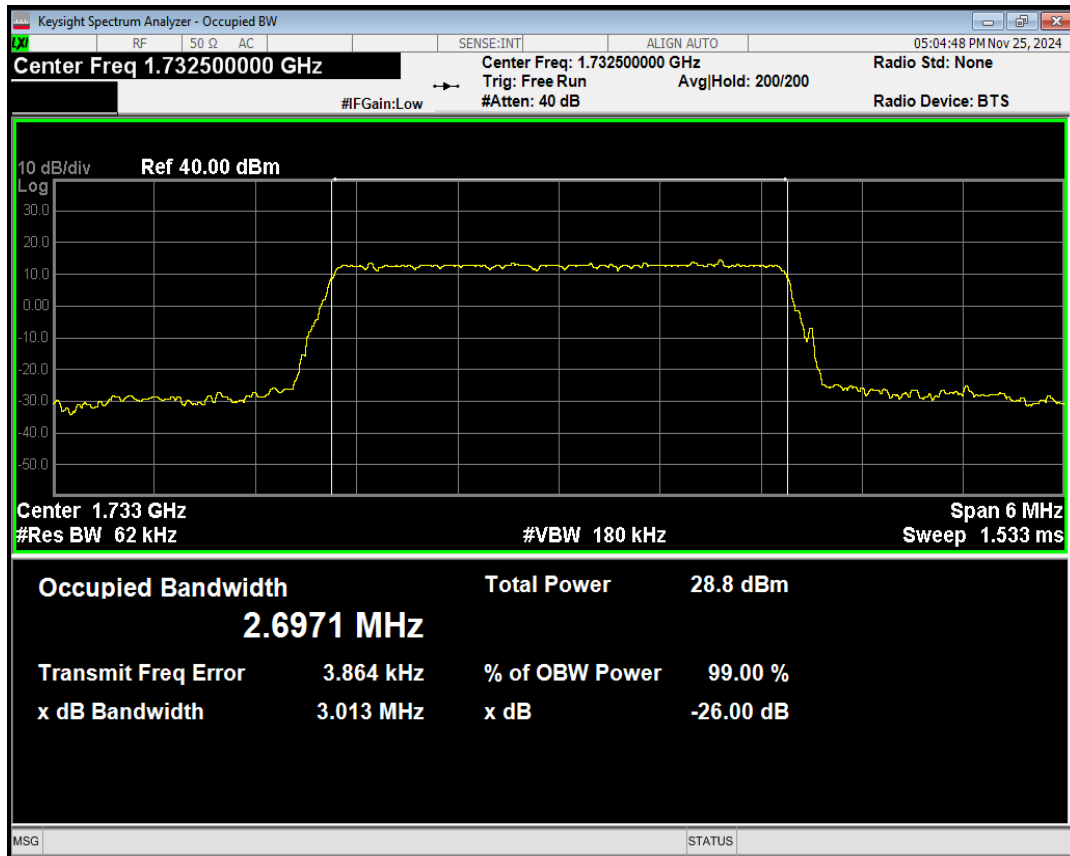
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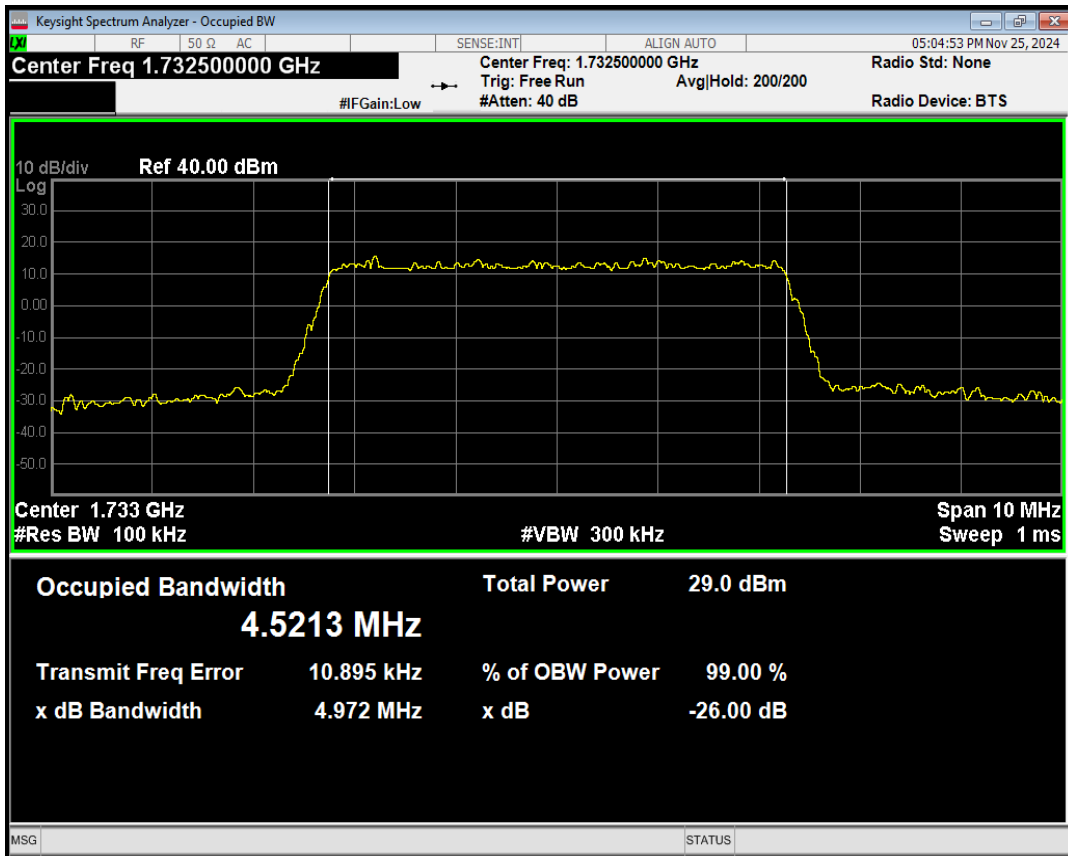
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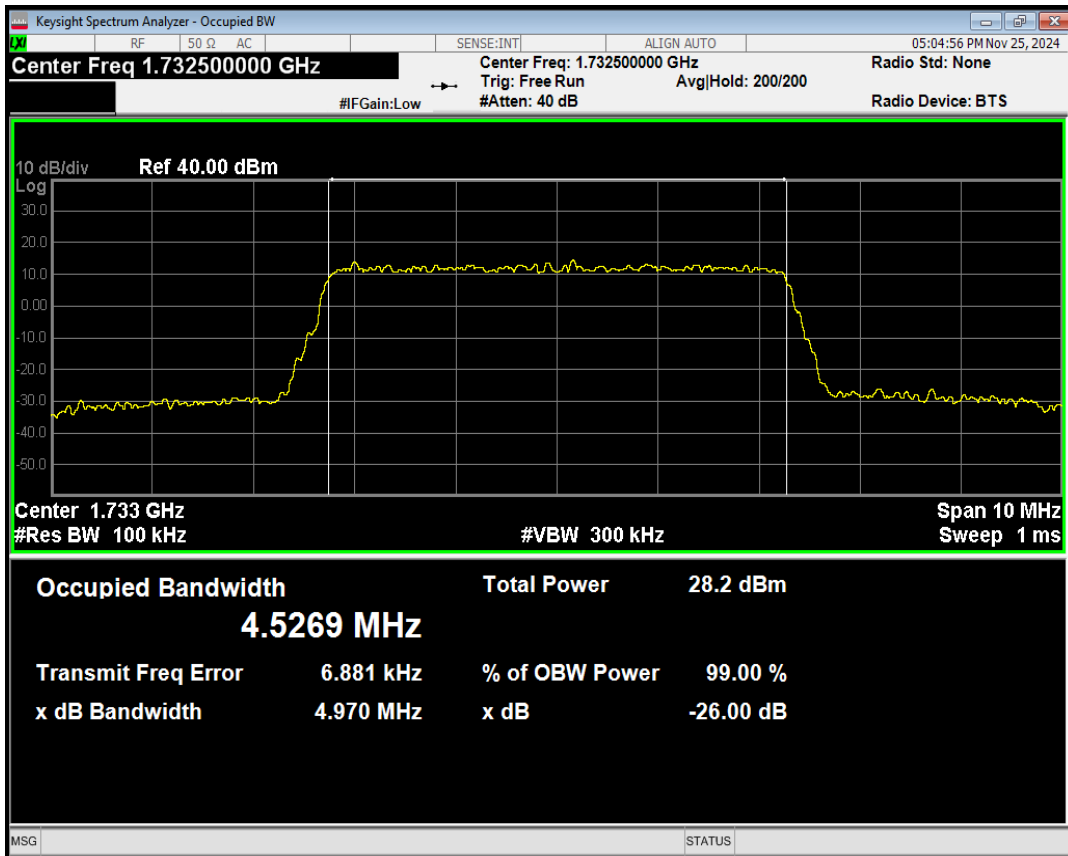
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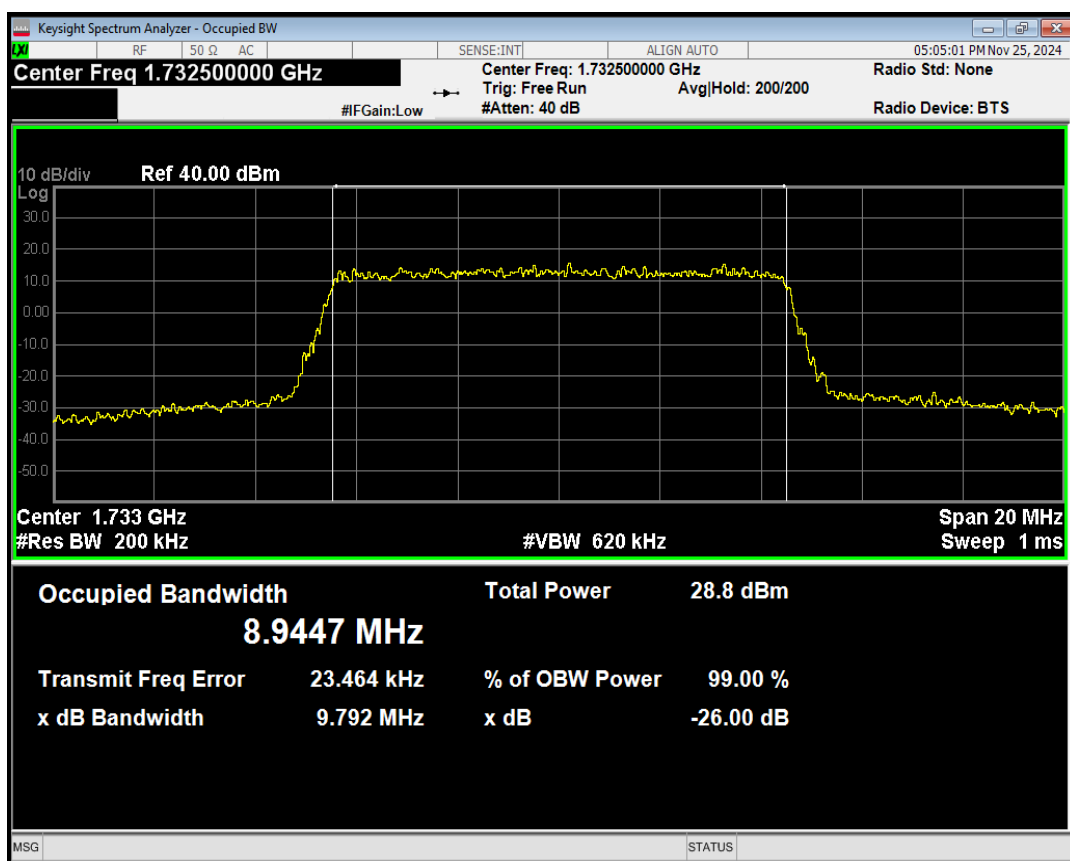
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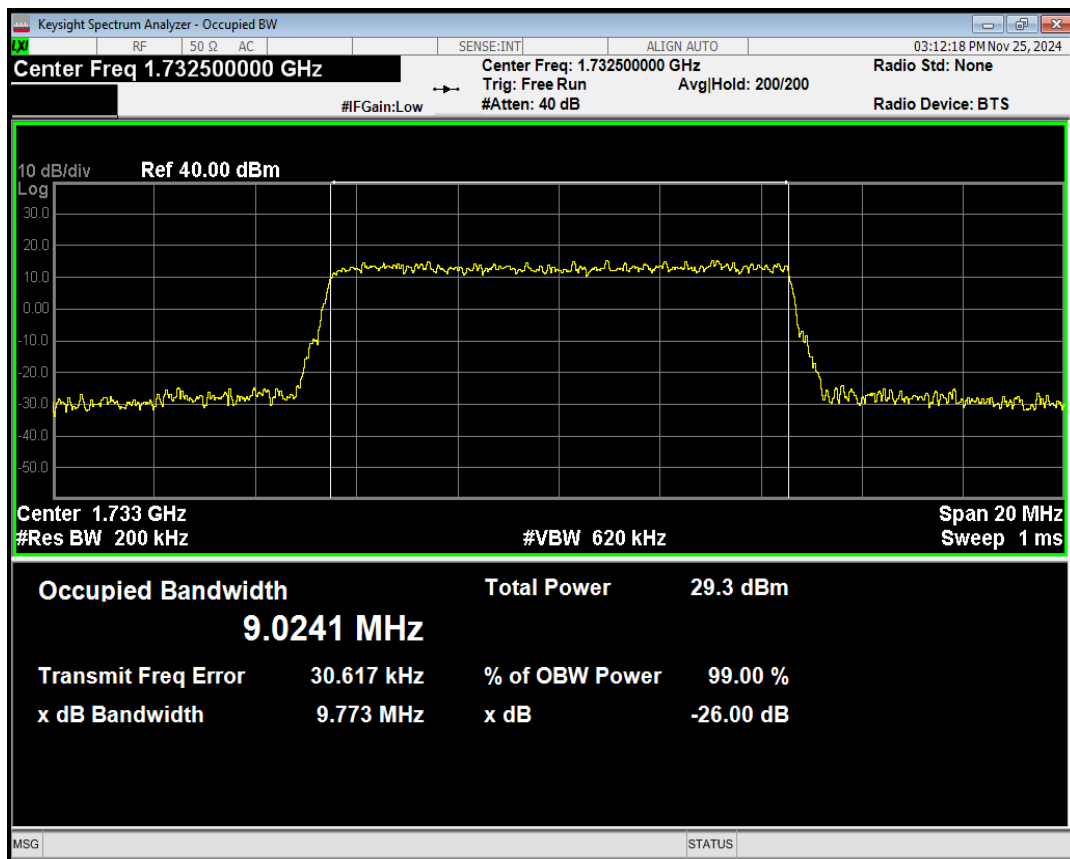
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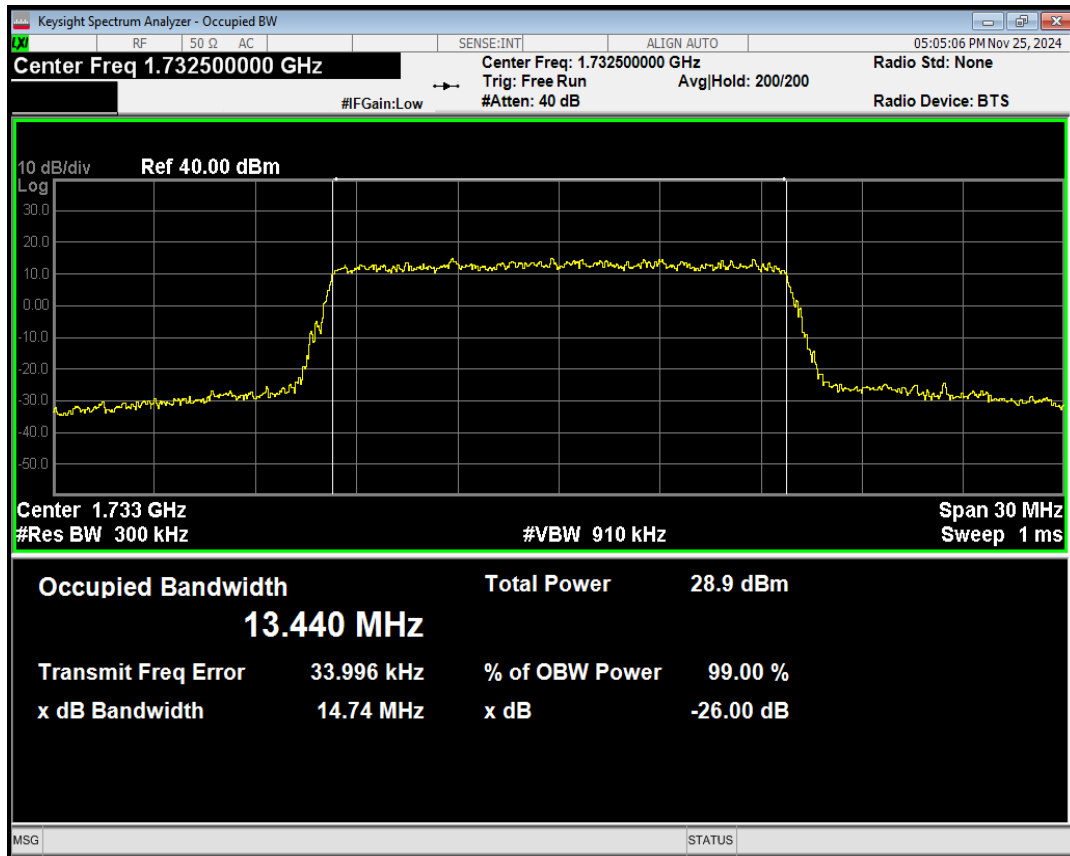
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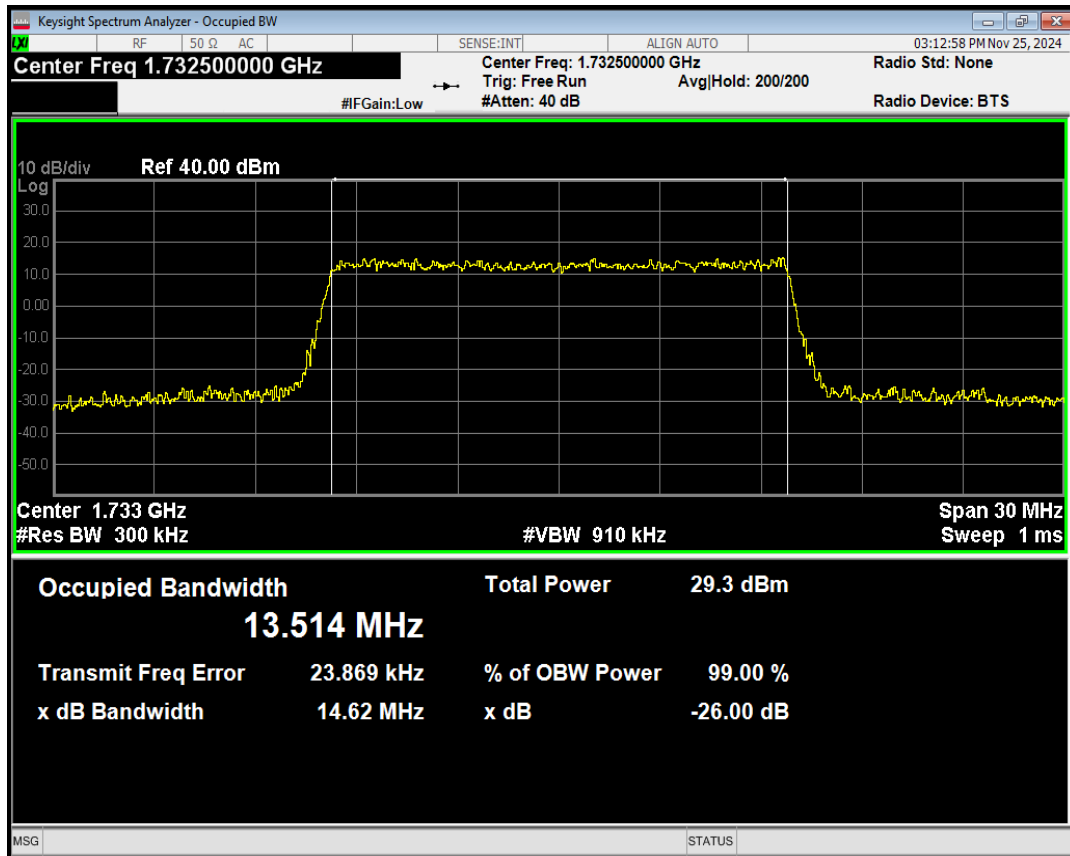
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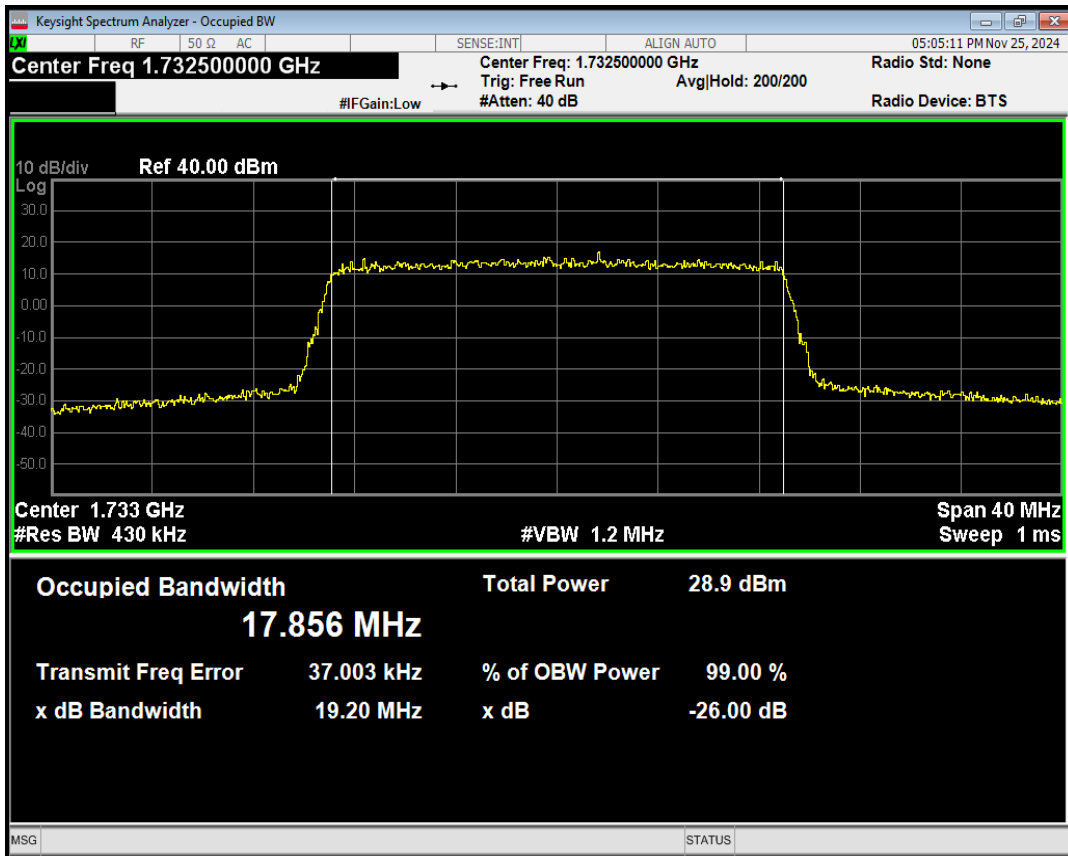
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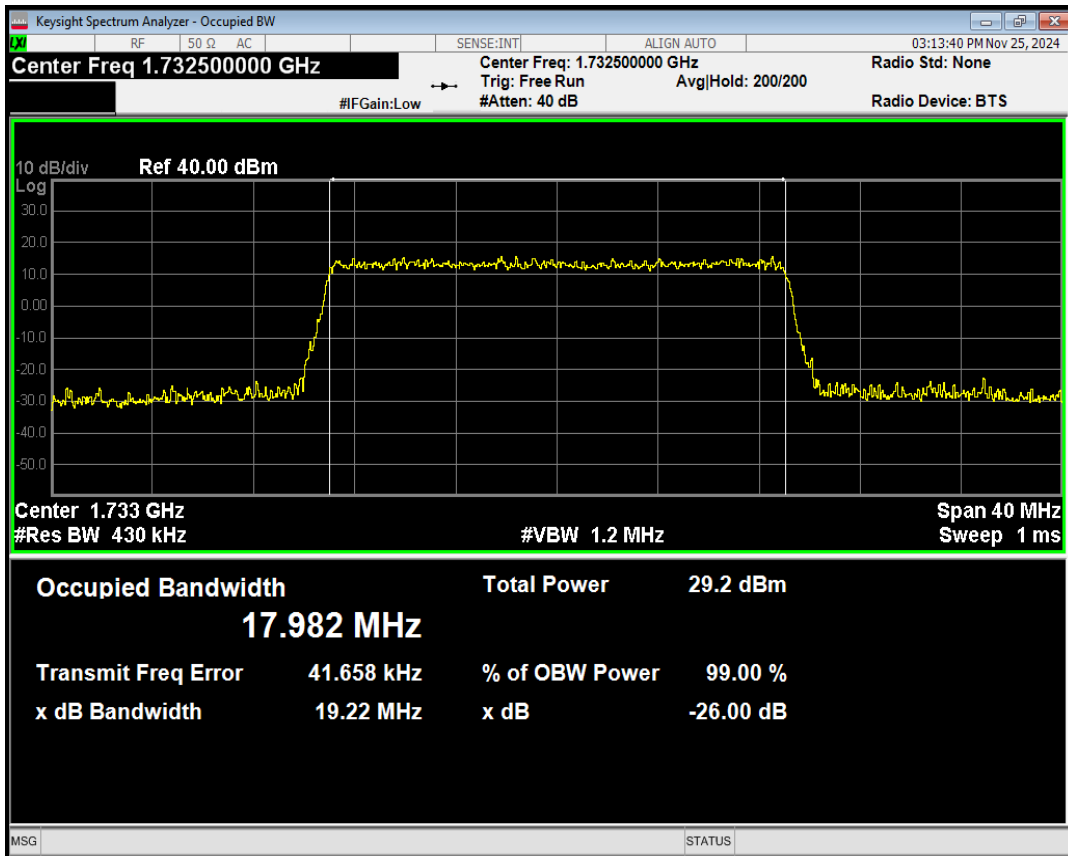
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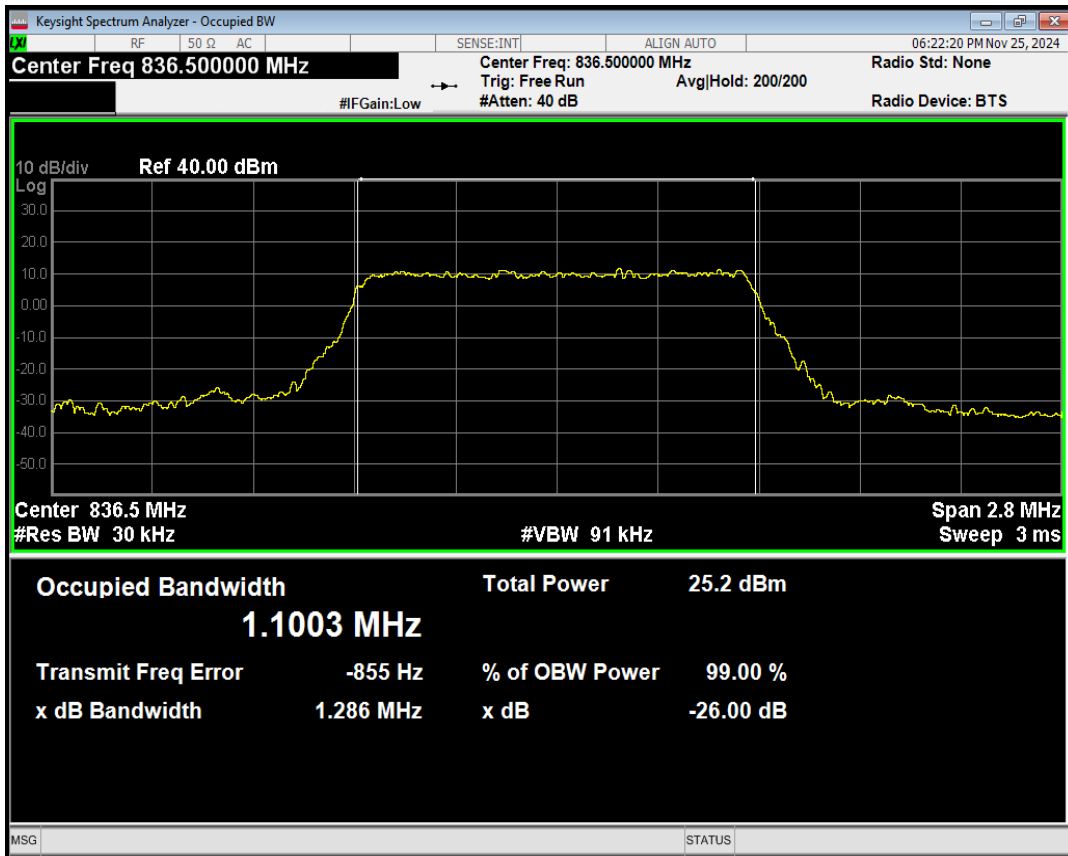
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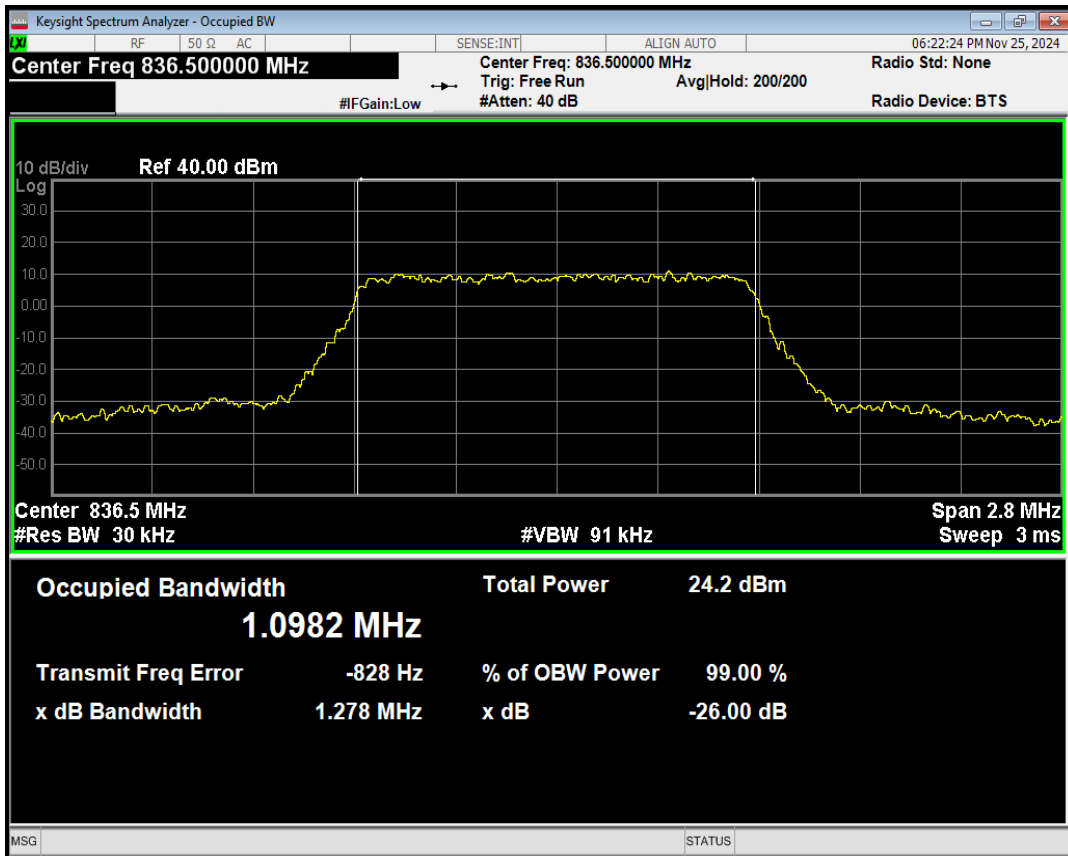
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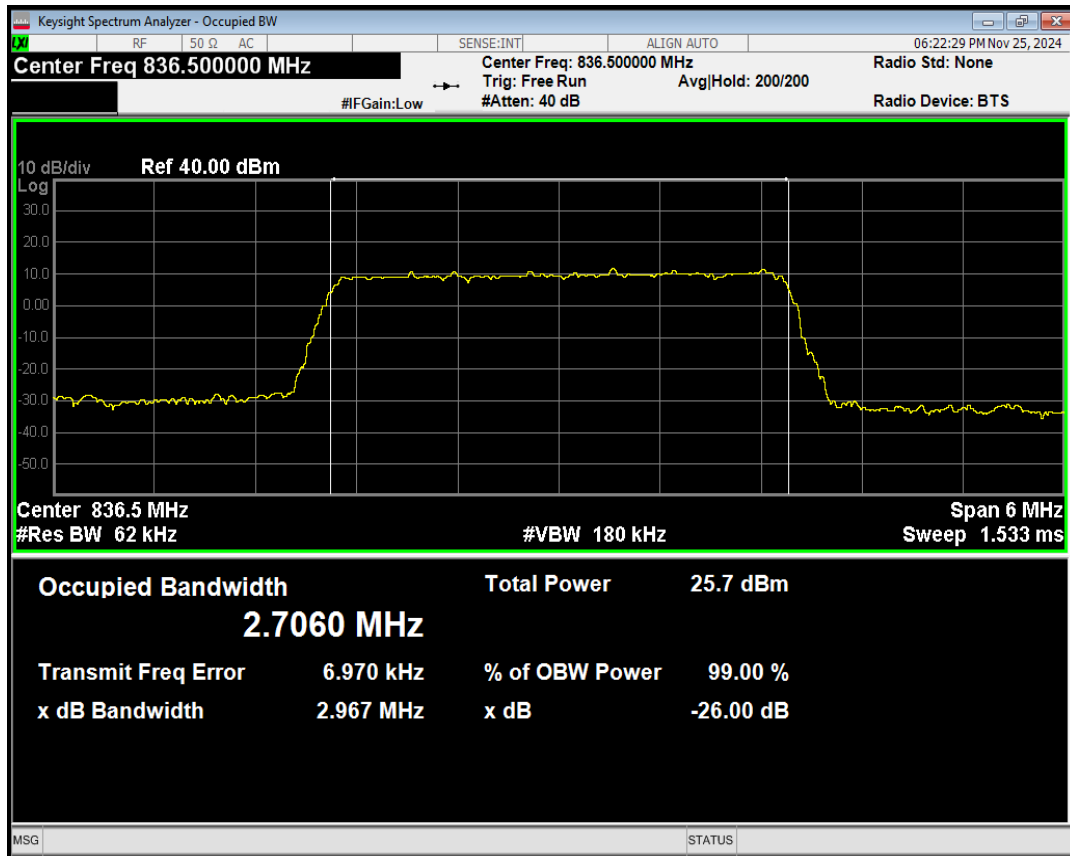
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



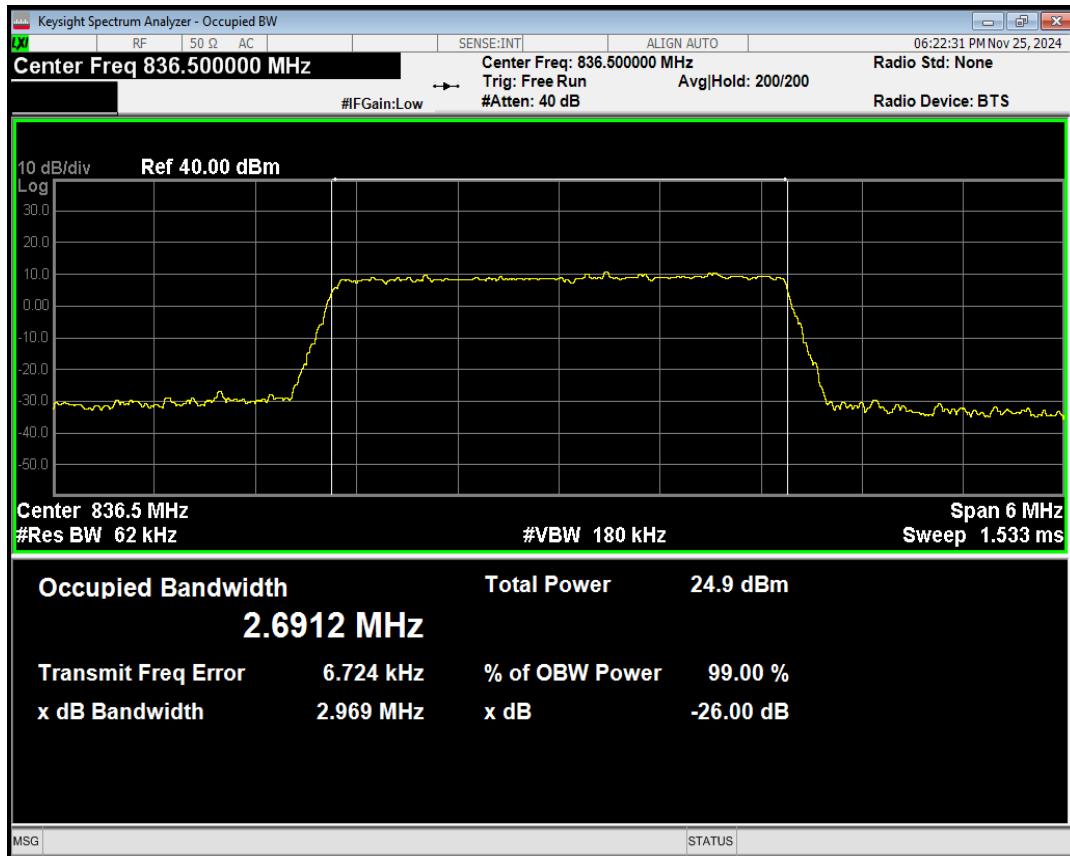
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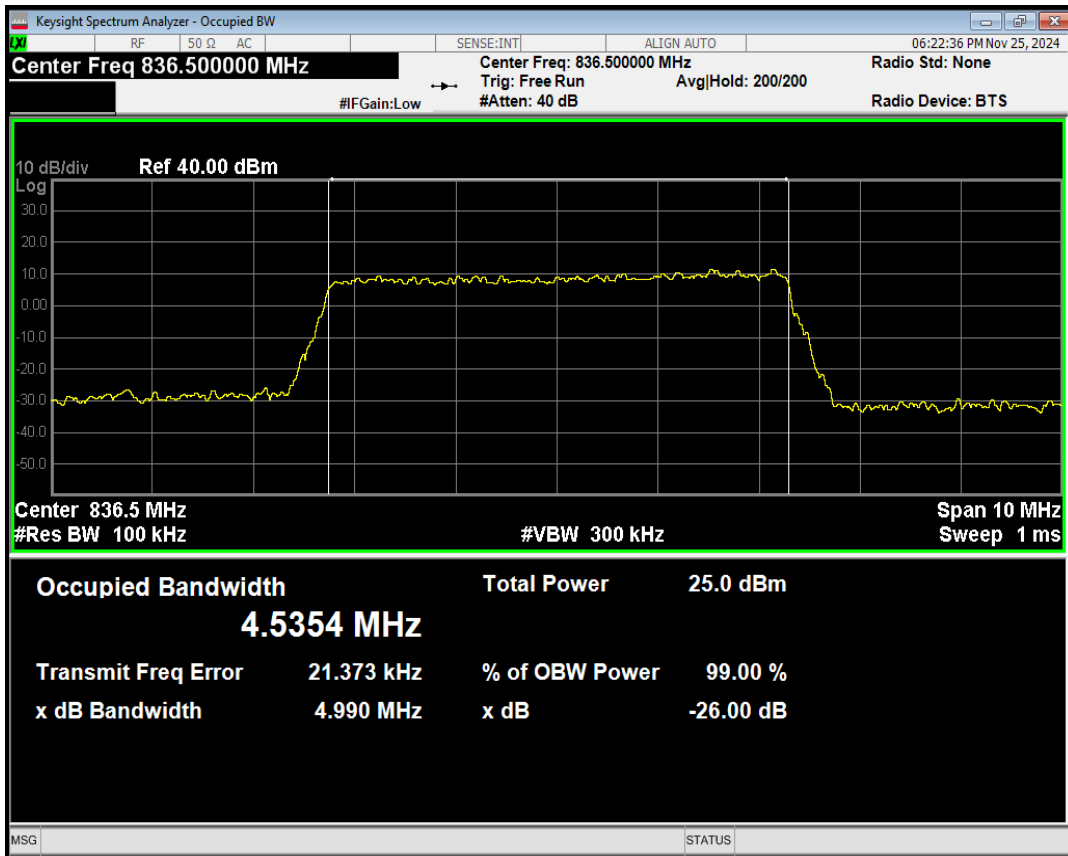
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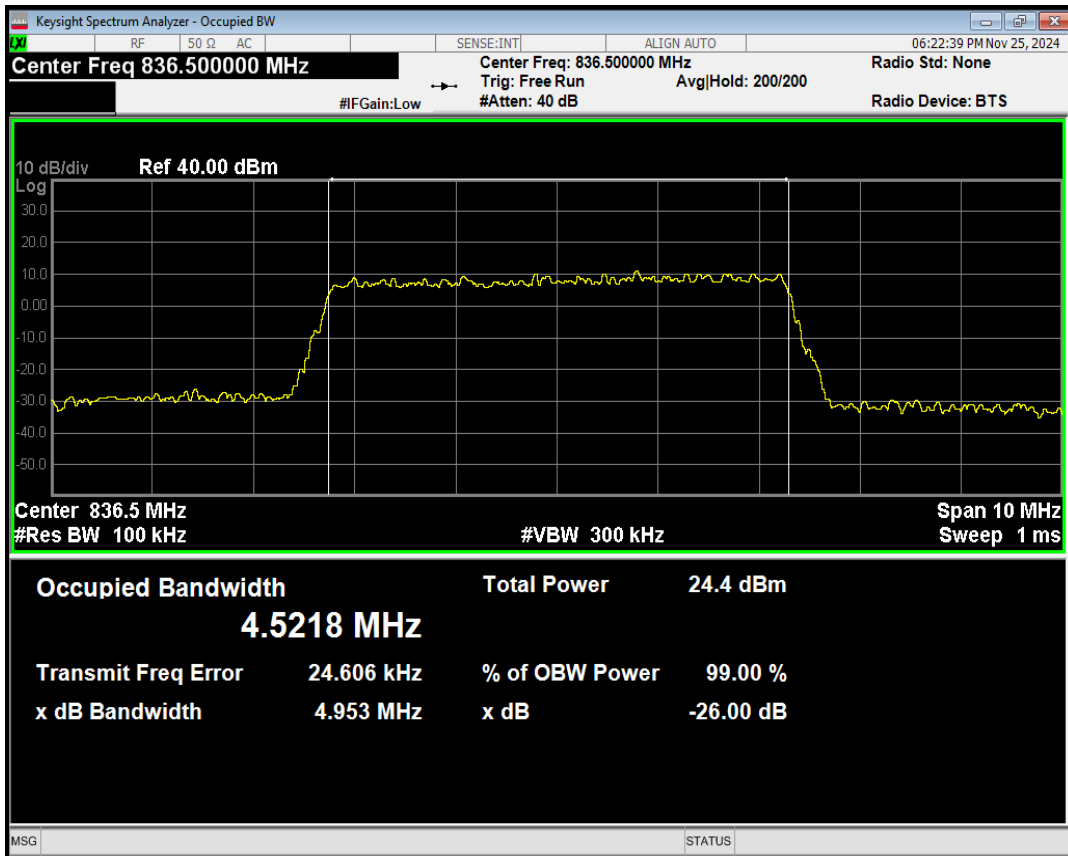
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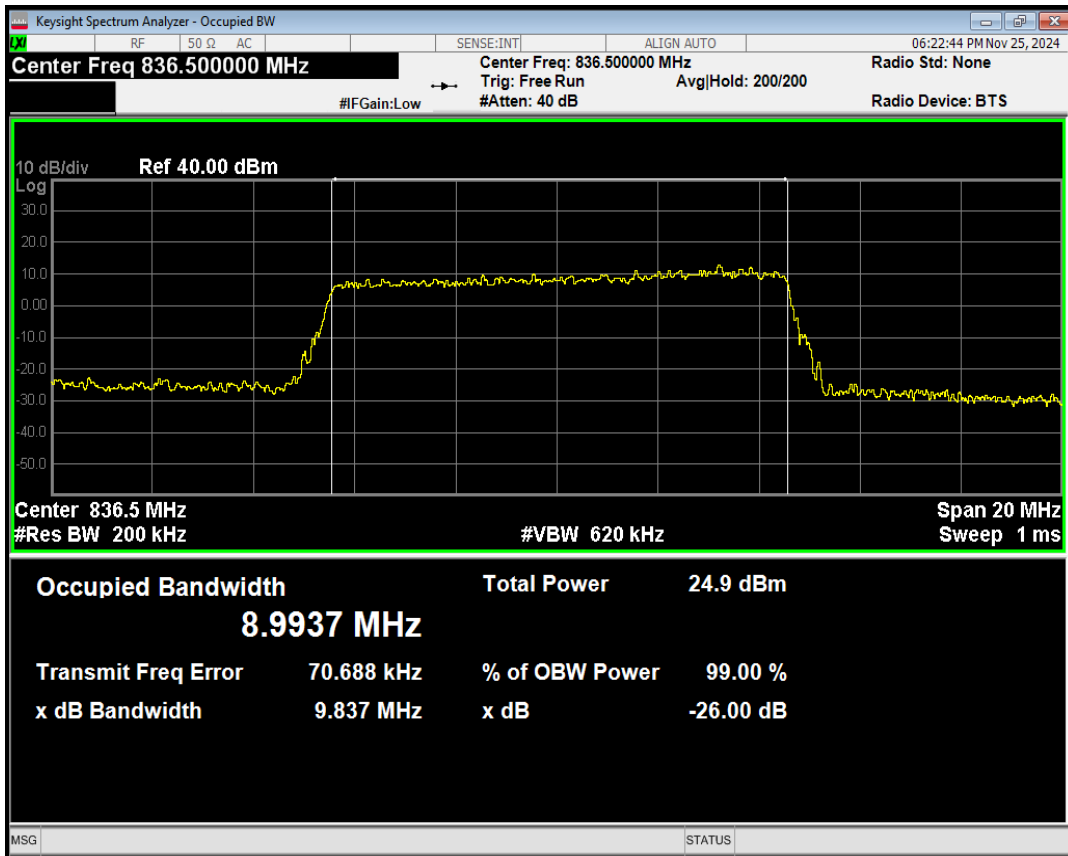
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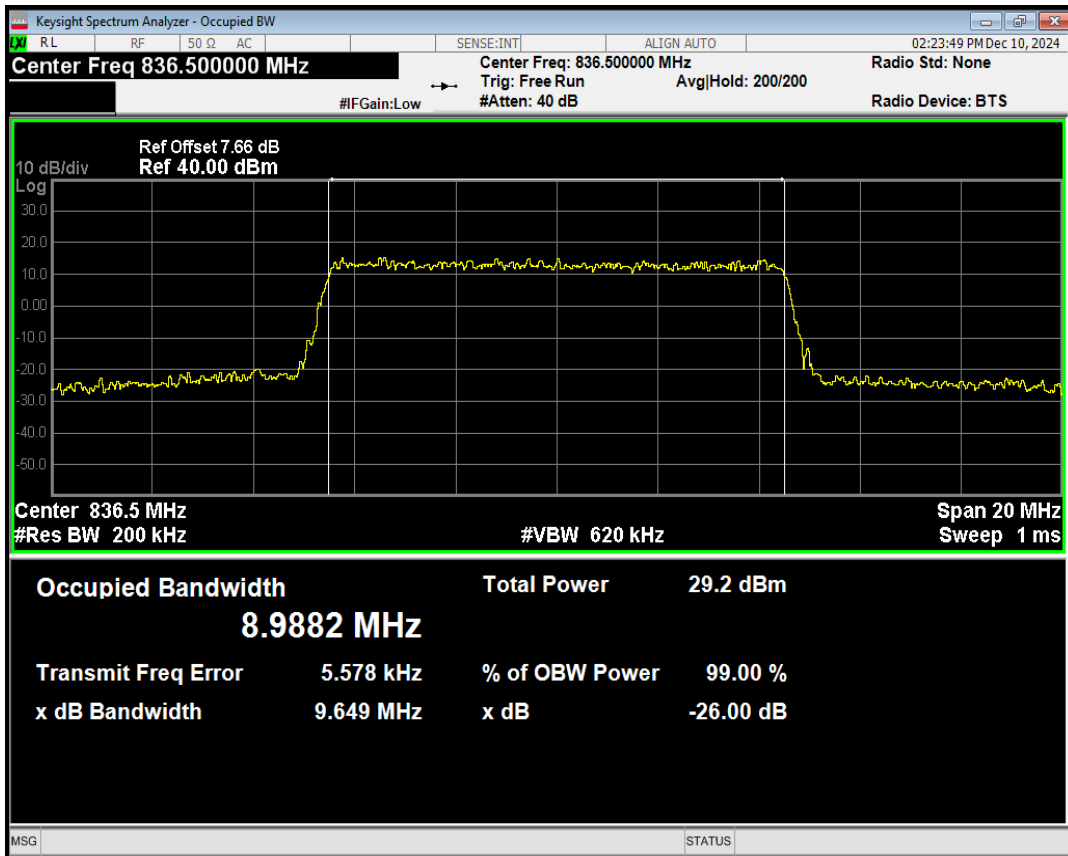
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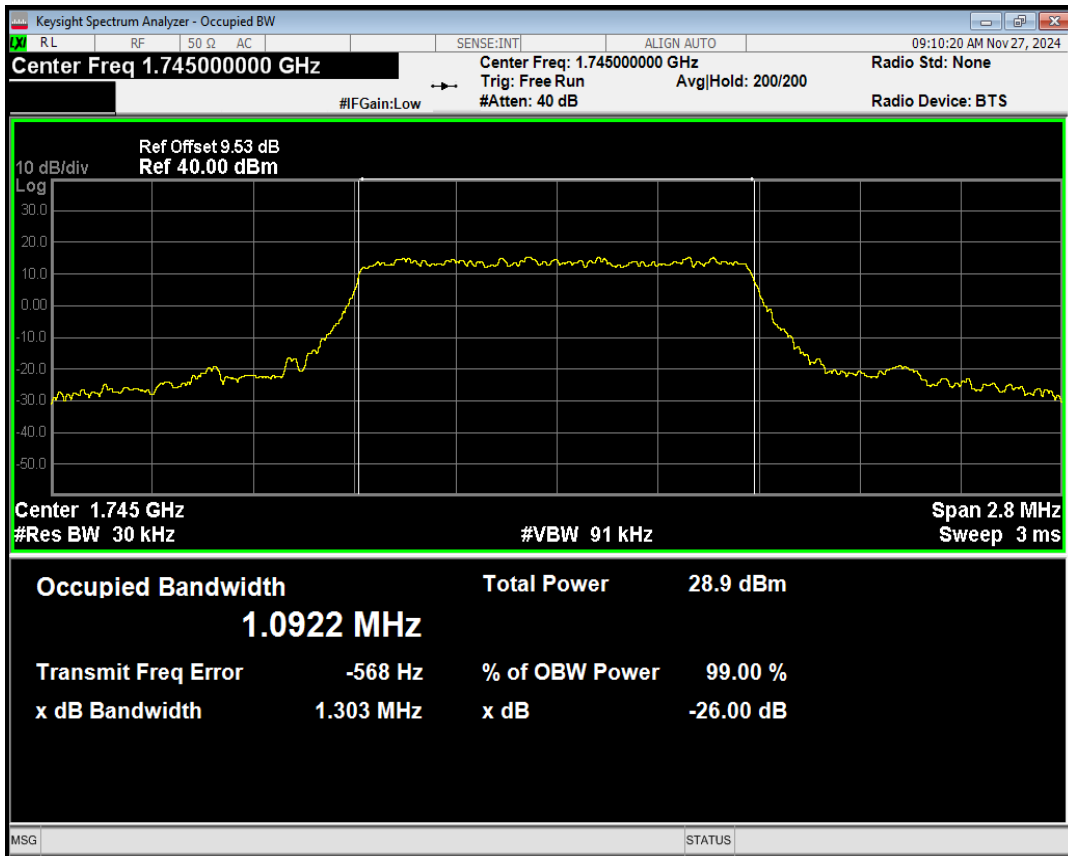
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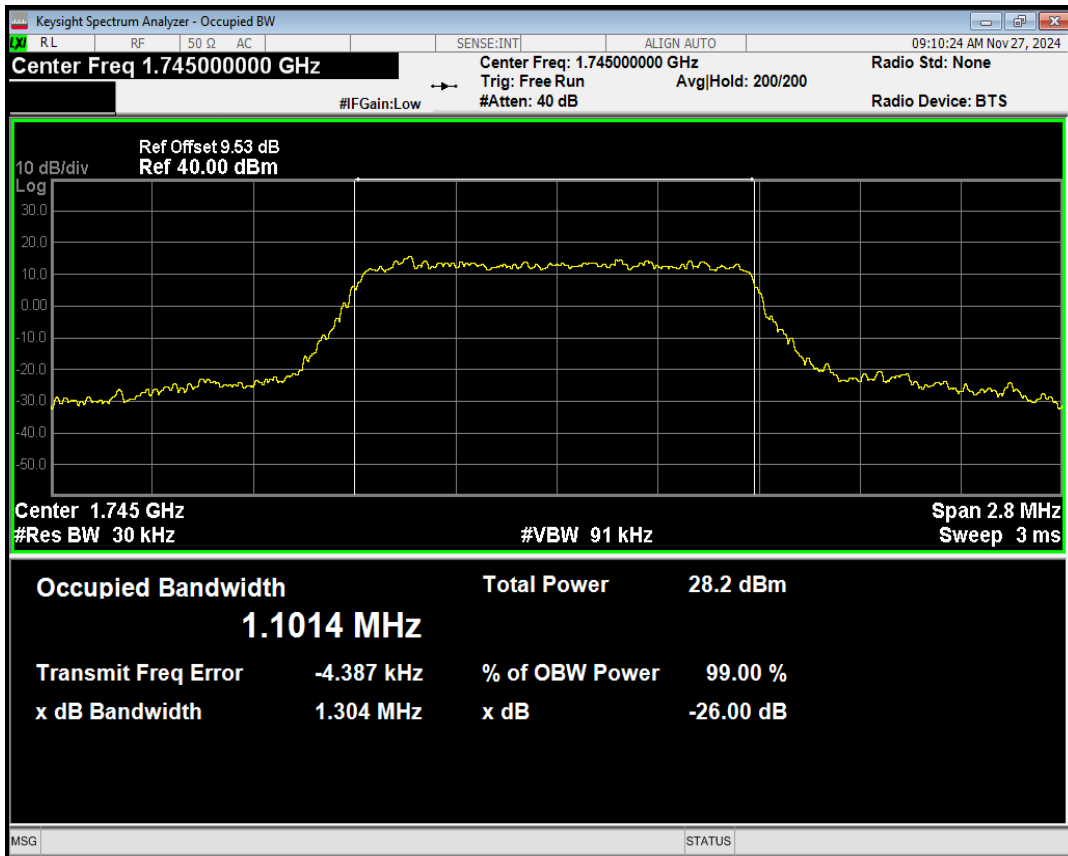
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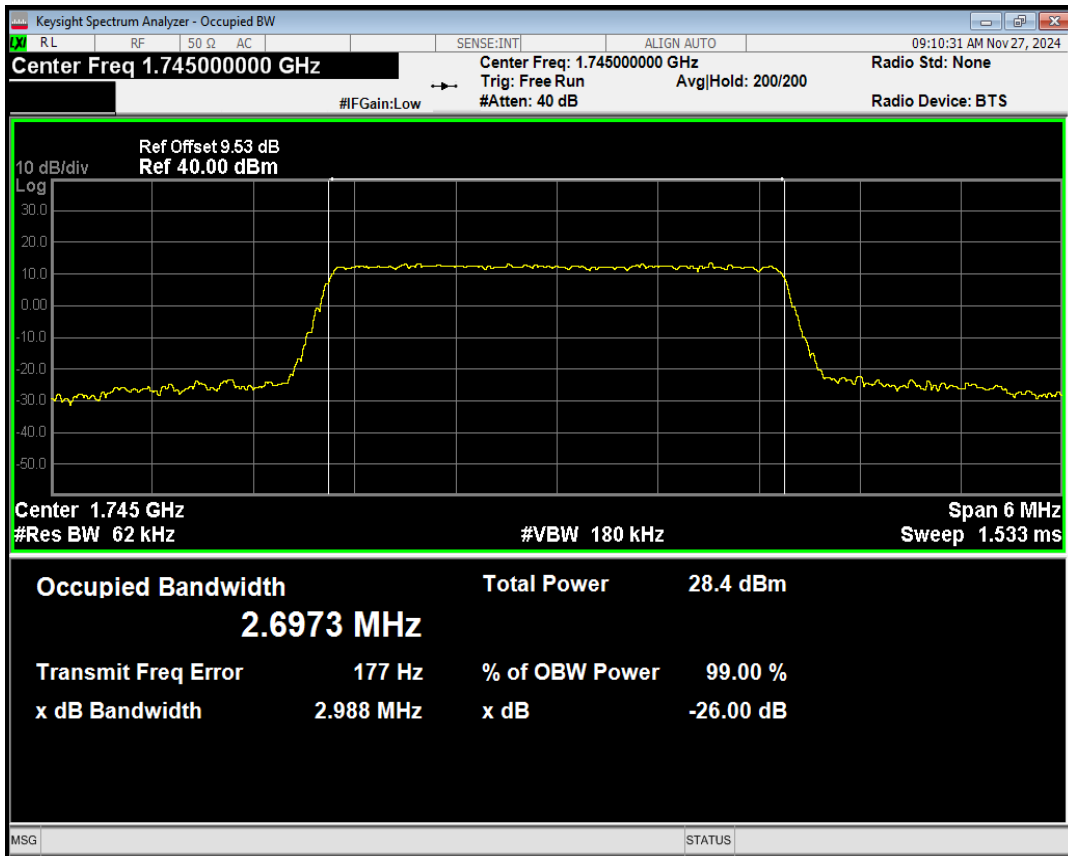
Band66 QPSK BW=1.4MHz Channel=132322 RB Size=6 Position=#0



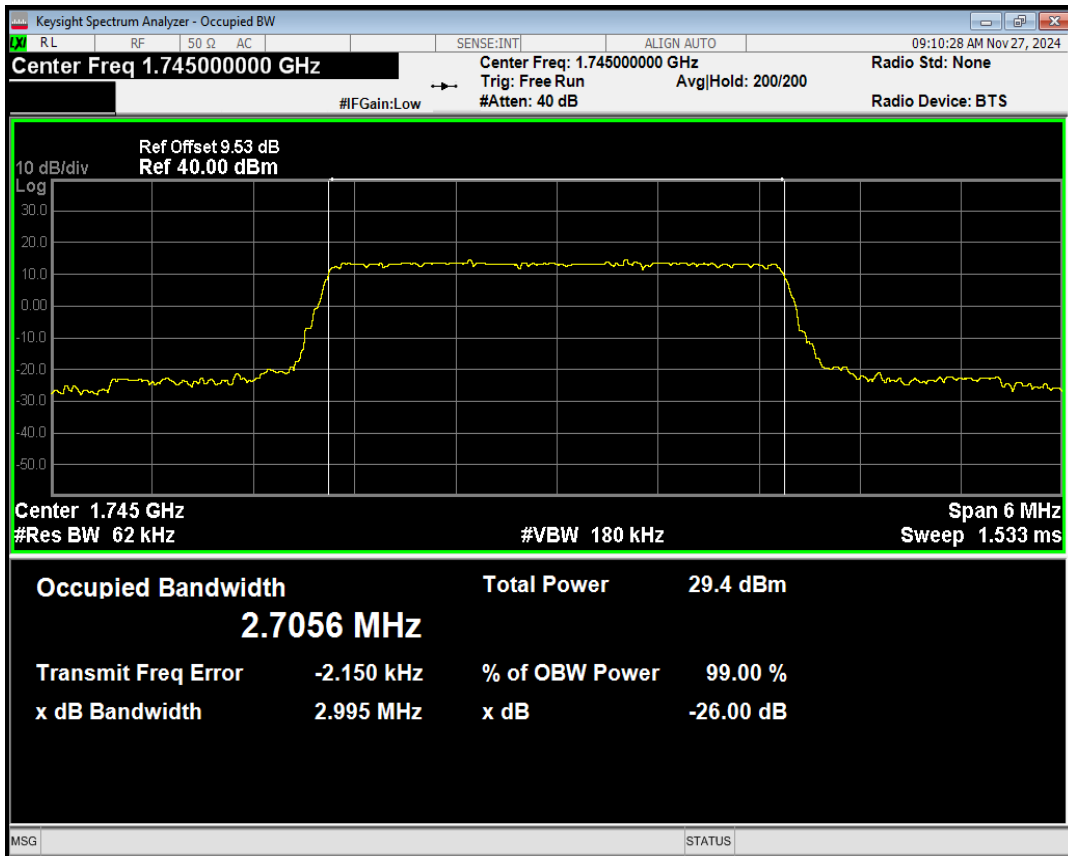
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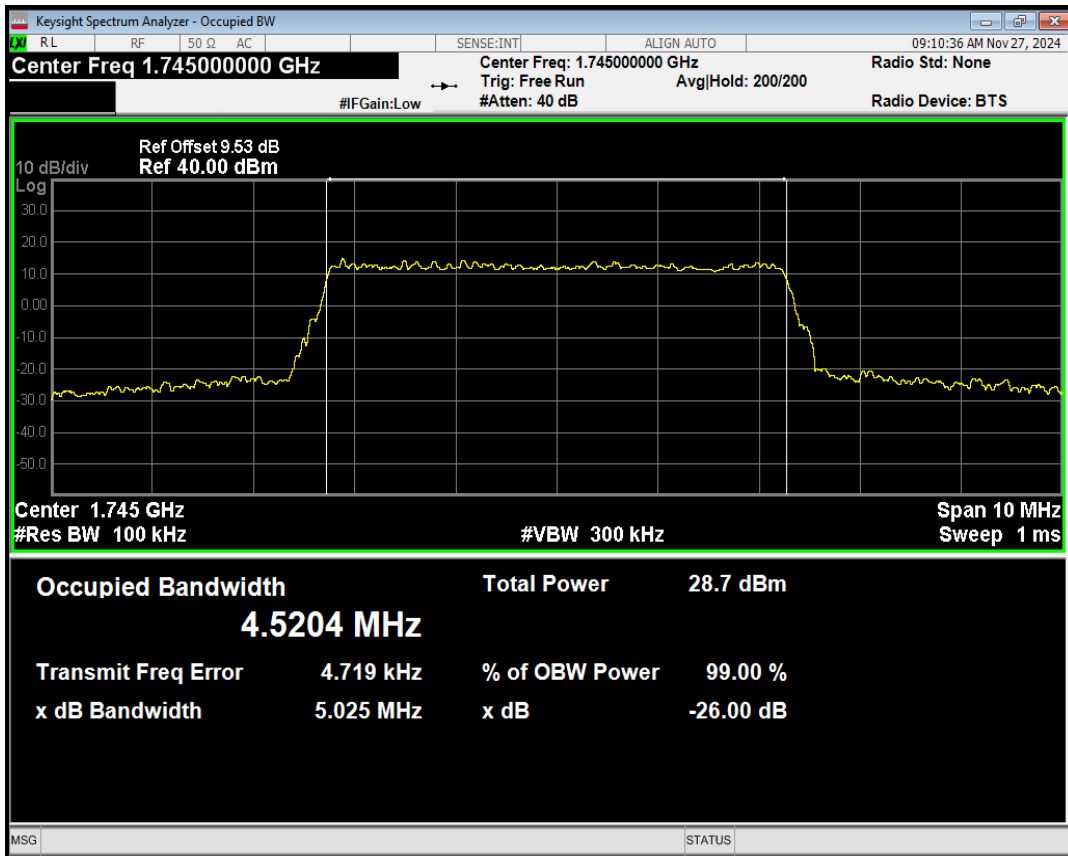
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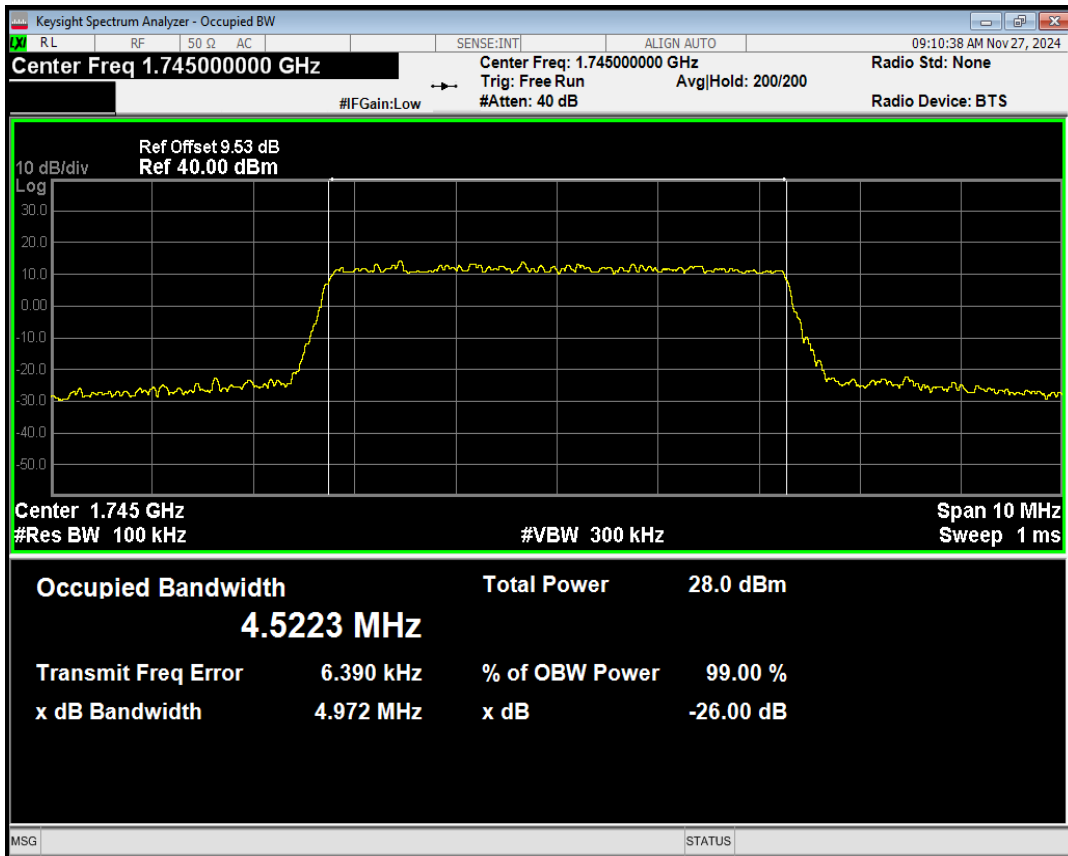
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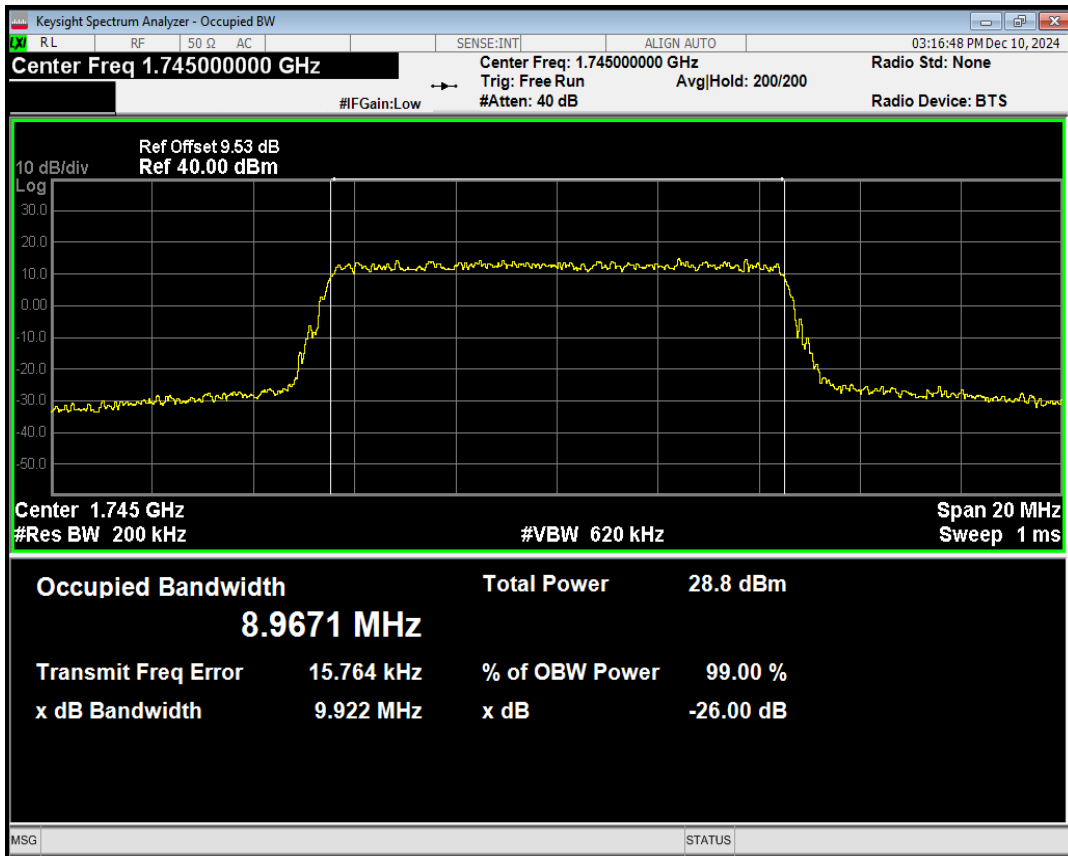
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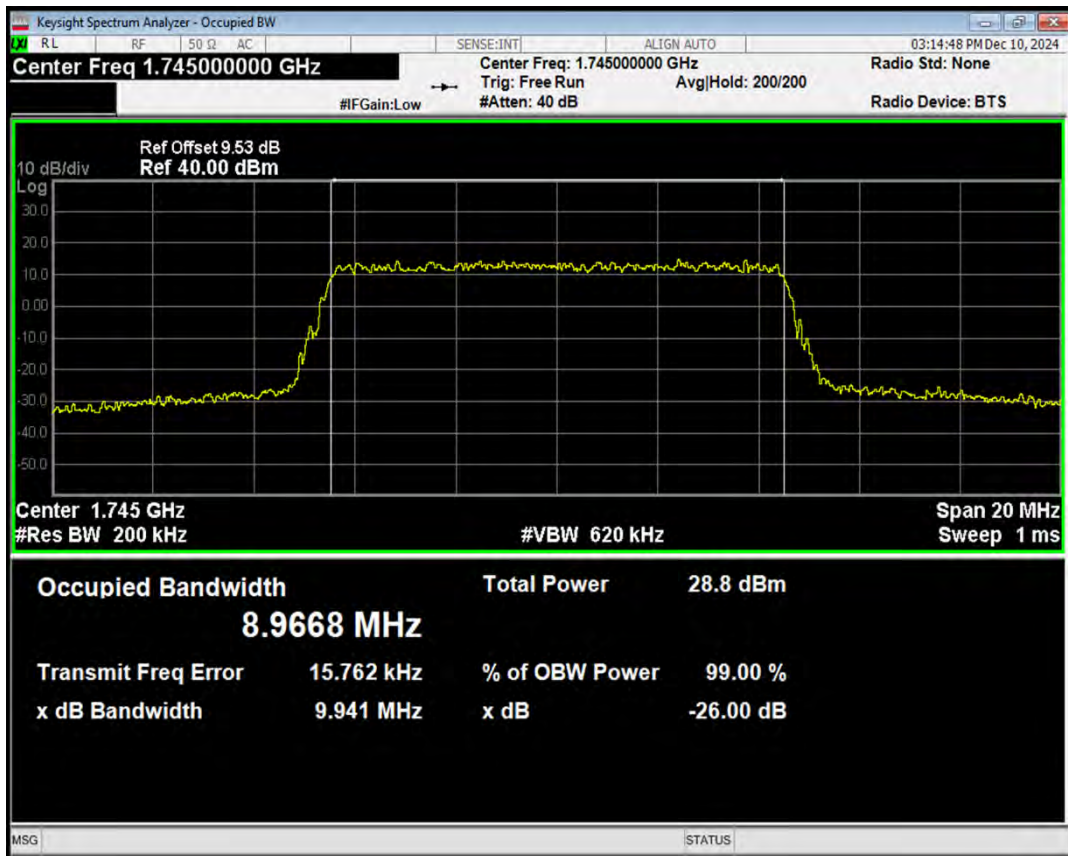
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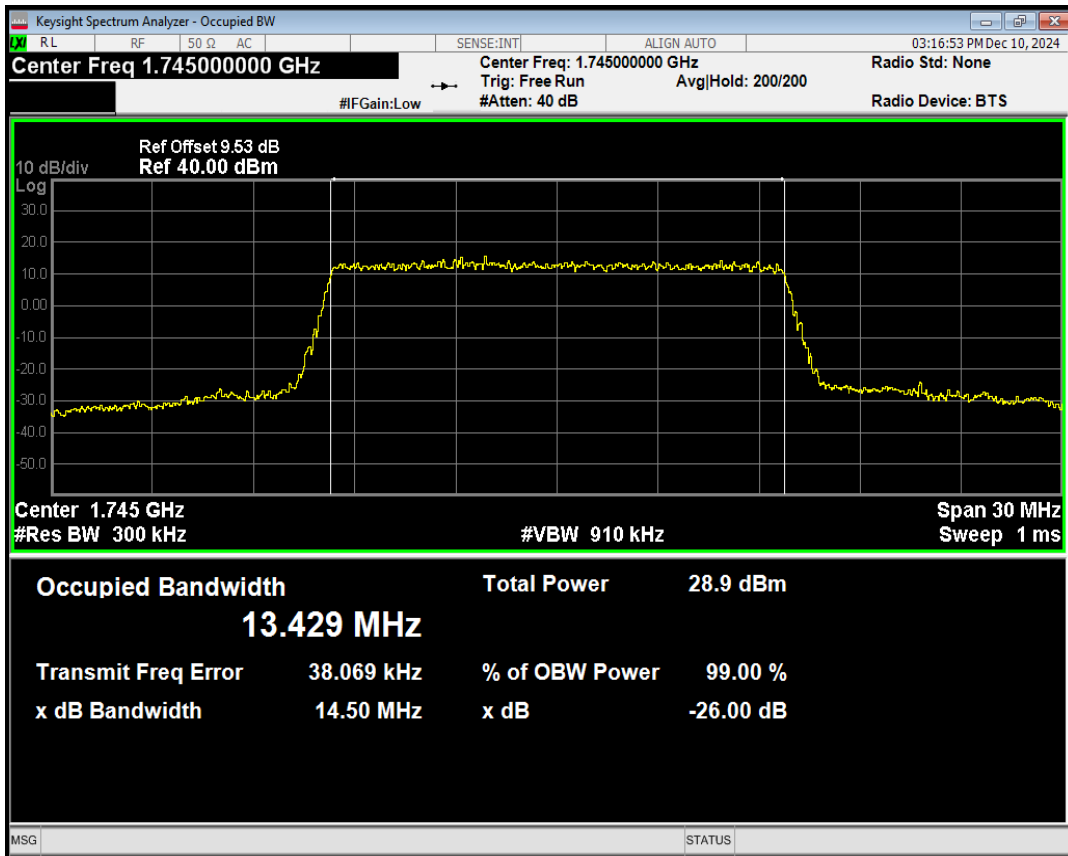
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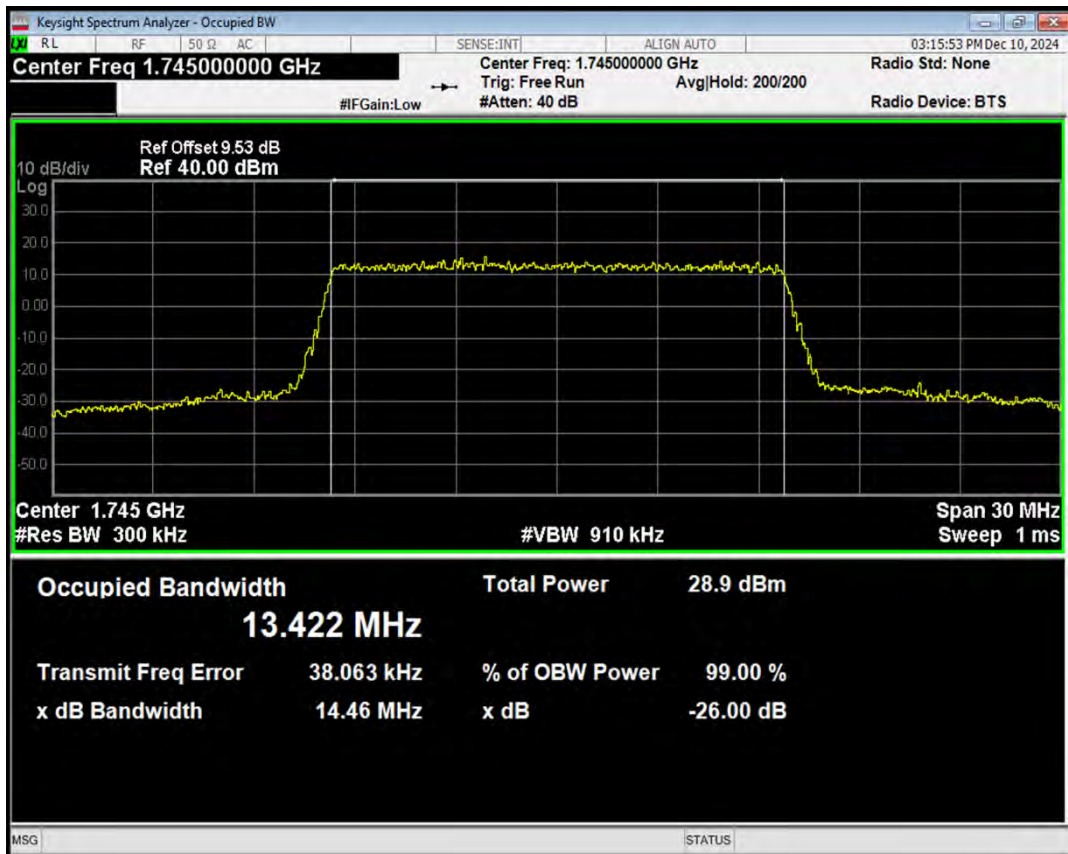
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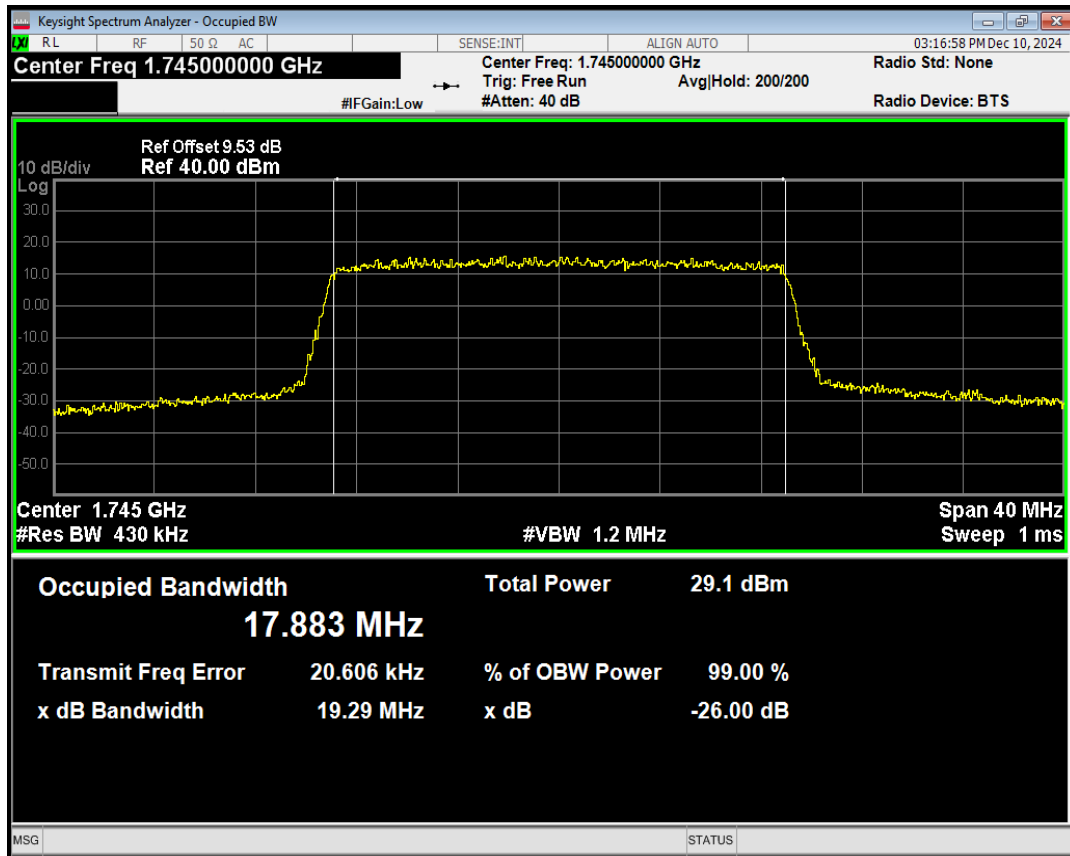
Band66 QPSK BW=15MHz Channel=132322 RB Size=75 Position=#0



Band66 QAM16 BW=15MHz Channel=132322 RB Size=75 Position=#0



Band66 QPSK BW=20MHz Channel=132322 RB Size=100 Position=#0



Band66 QAM16 BW=20MHz Channel=132322 RB Size=100 Position=#0

