

ANNEX DATA

FCC ID: 2BO2L-CHTBG12

Applicant: Shenzhen Heli Xinde Technology Co., Ltd.

Address: Rm1204, Bldg 64, Pengxing Garden, No.3101, Luosha Rd., Lianhua Comm., Liantang St., Luohu Dist., Shenzhen

Manufacturer: Guangdong Intelligent Yunchuang Technology Co., Ltd

Address: Room 301, No. 2, Fanguayuan Road, Houjie Town, Dongguan City, Guangdong Province

EUT: 4G LTE Cellular Security Camera Wireless Outdoor

Trade Mark: /

Model Number: CHTBG12
CHTBG05, CHTBG06, CHTBG07, CHTBG13, CHCW52

Date of Receipt: Mar. 31, 2025

Test Date: Mar. 31, 2025 - Apr. 14, 2025

Date of Report: Apr. 14, 2025

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

Address: 101-201, Comprehensive Building, Tongzhou Electronics Longgang Factory Area, No.1 Baolong Fifth Road, Baolong Community, Baolong Street, Longgang District, Shenzhen, China

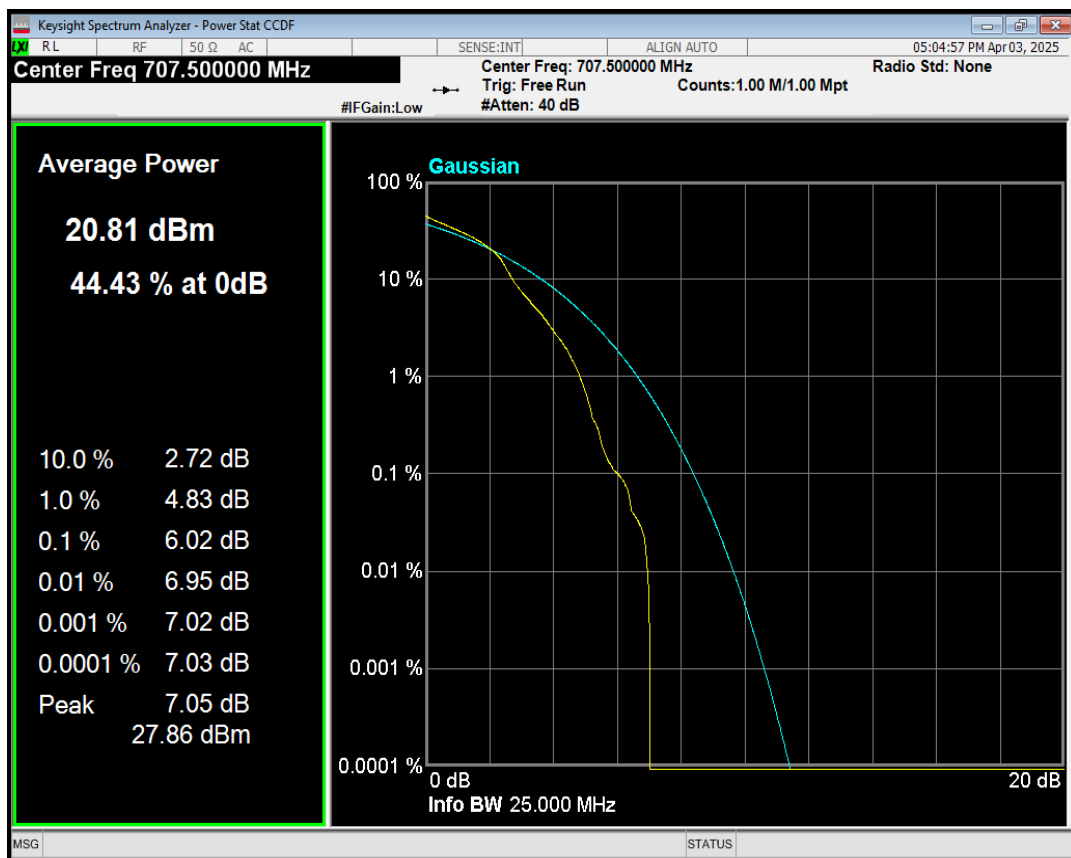
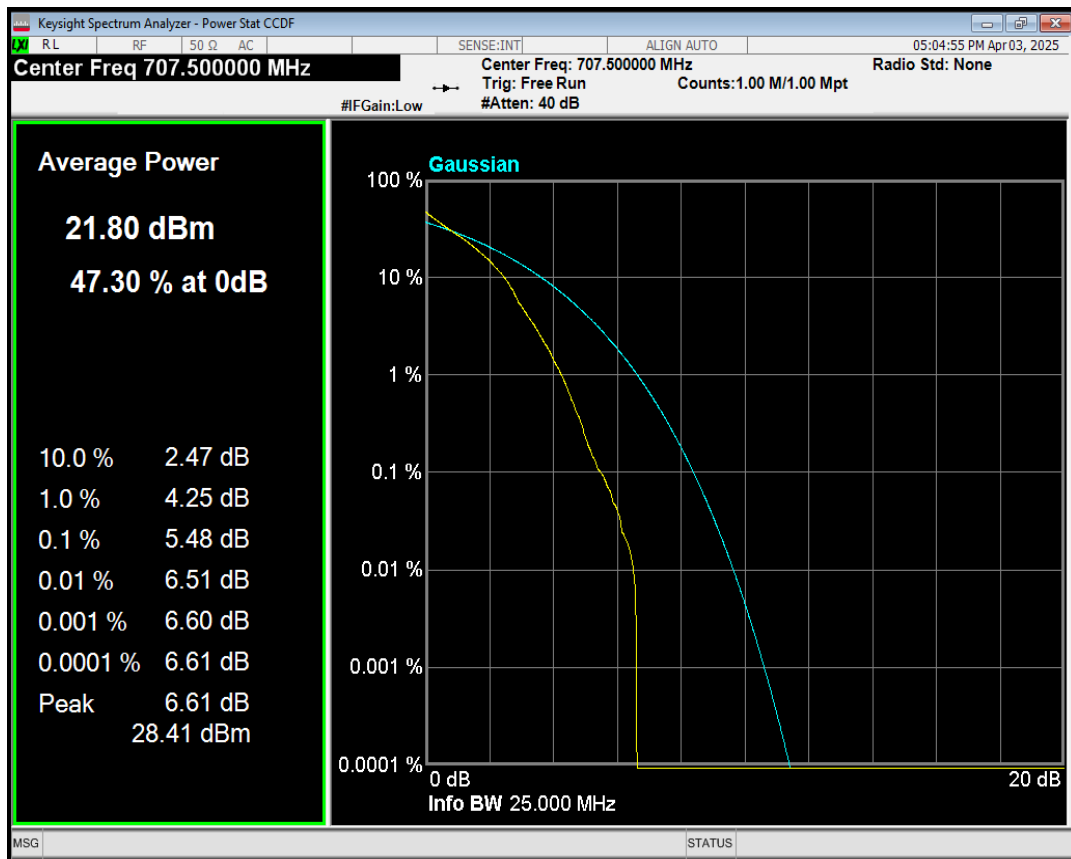
Applicable Standards: FCC Part 2 Subpart J,
Part 22 Subpart H,
Part 24 Subpart E,
Part 27
FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
ANSI C63.26:2015, ANSI/TIA-603-E-2016

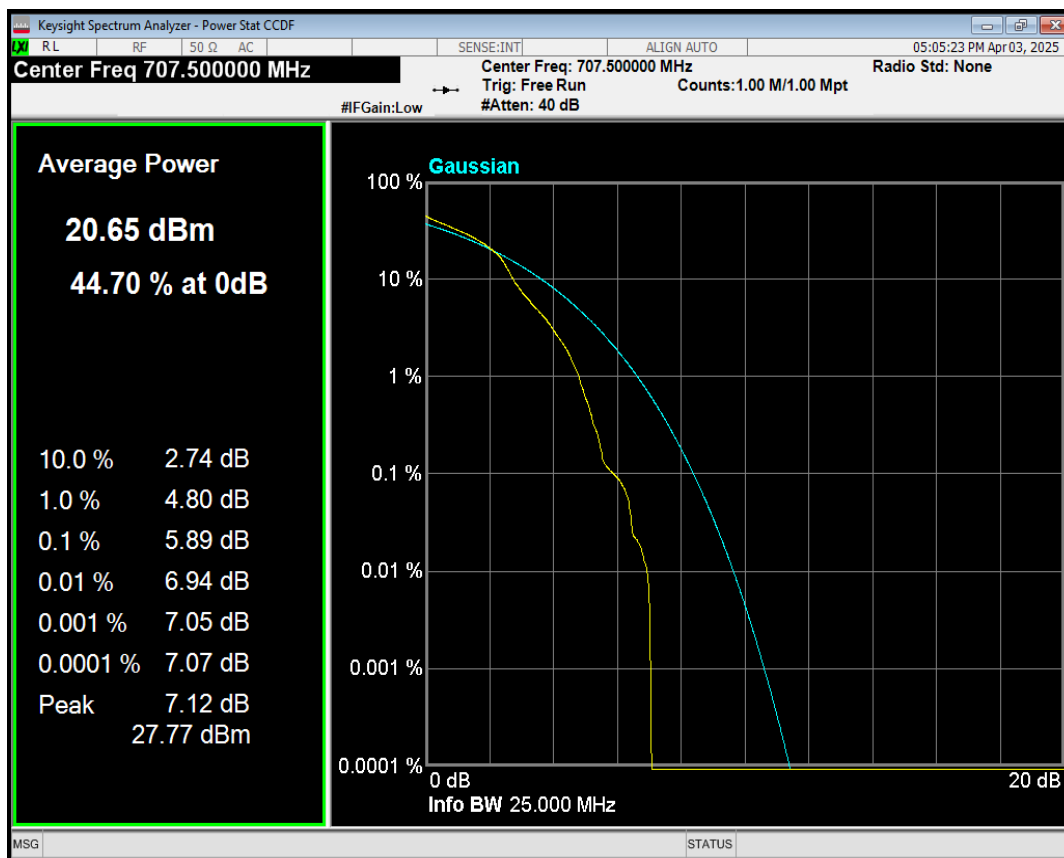
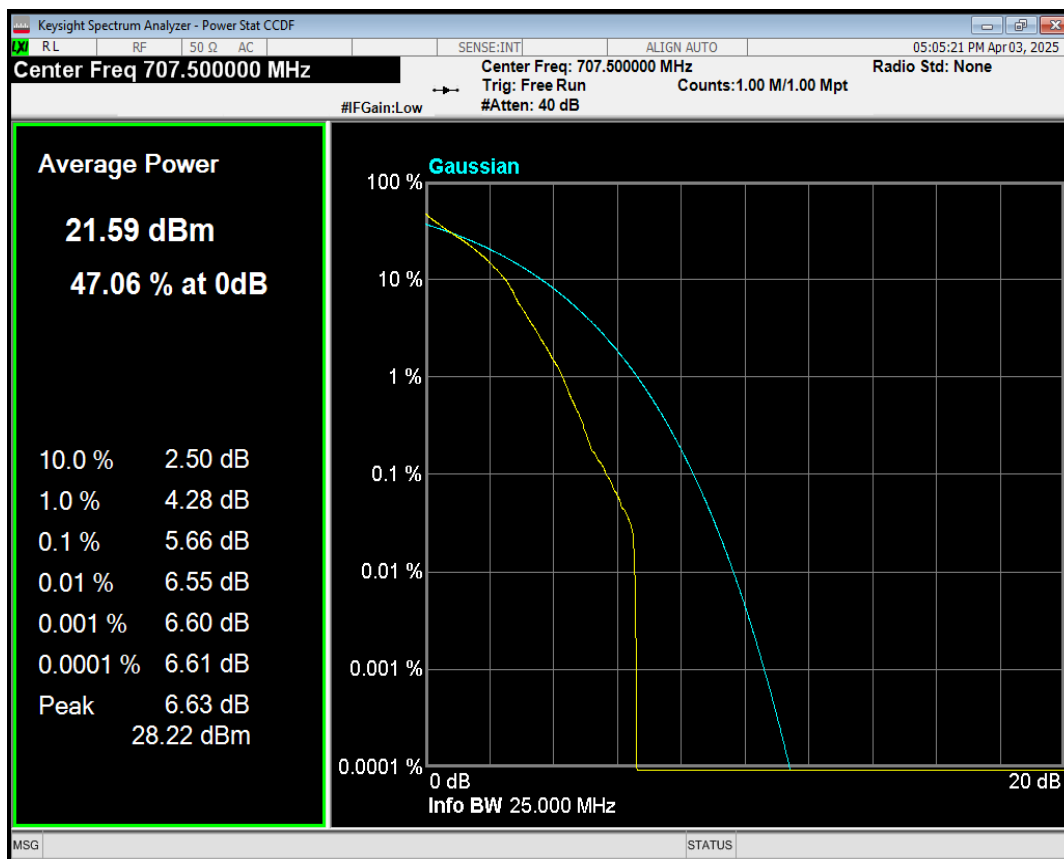
Test Result: Pass

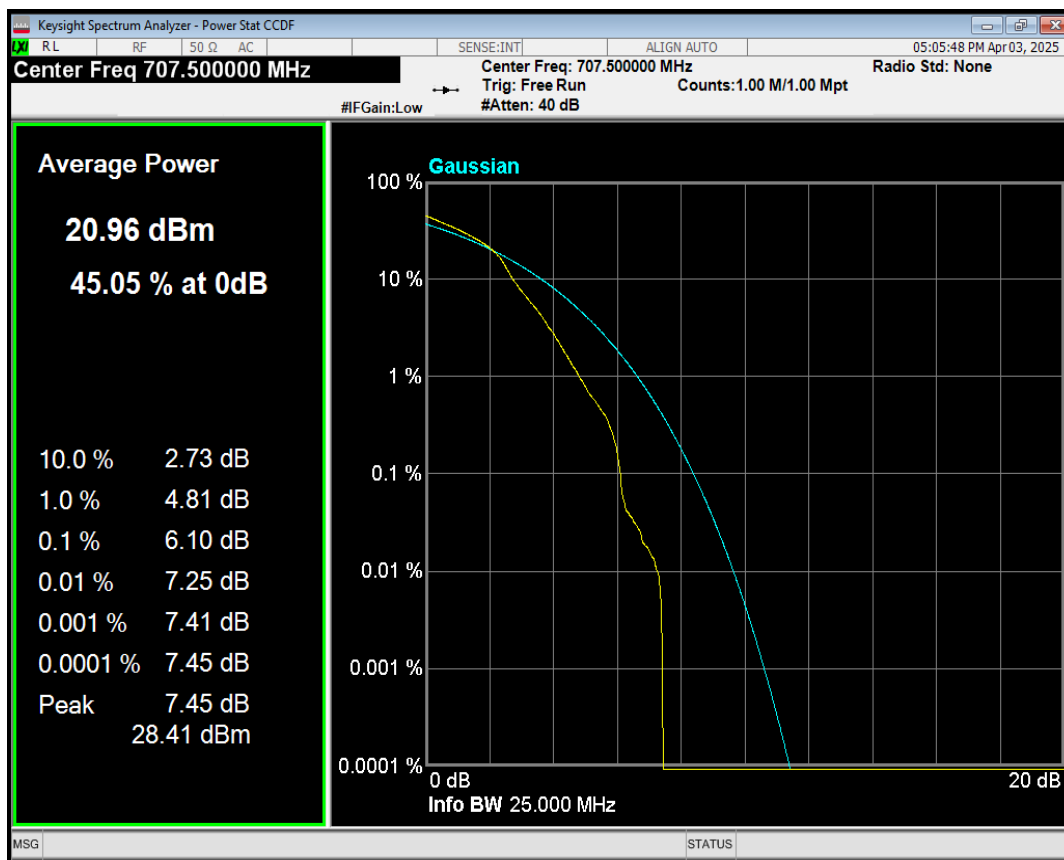
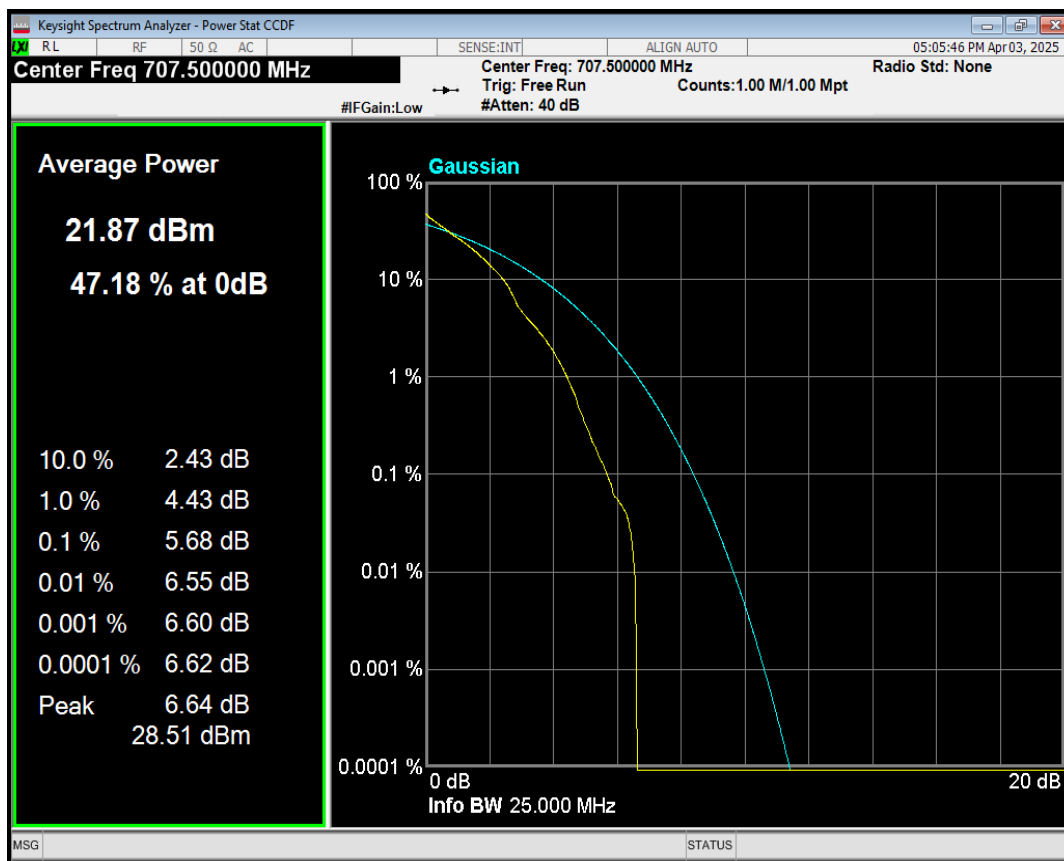
03 Peak-to-Average Ratio

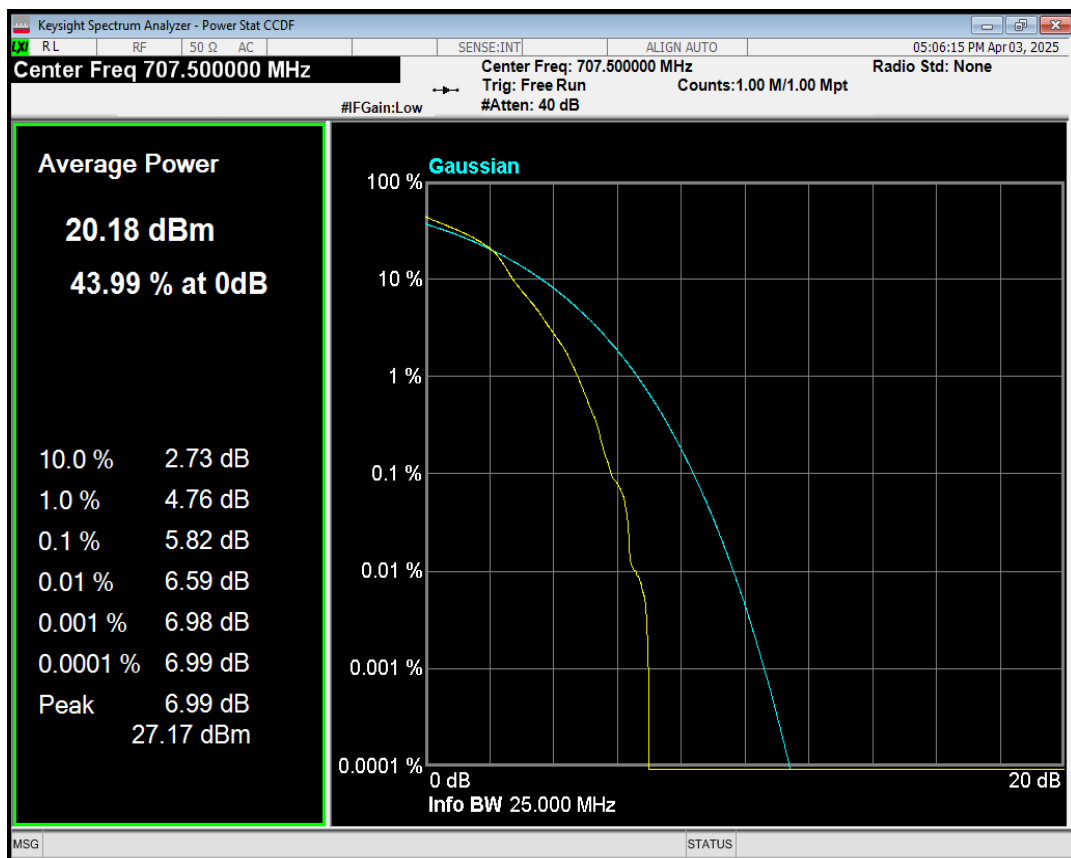
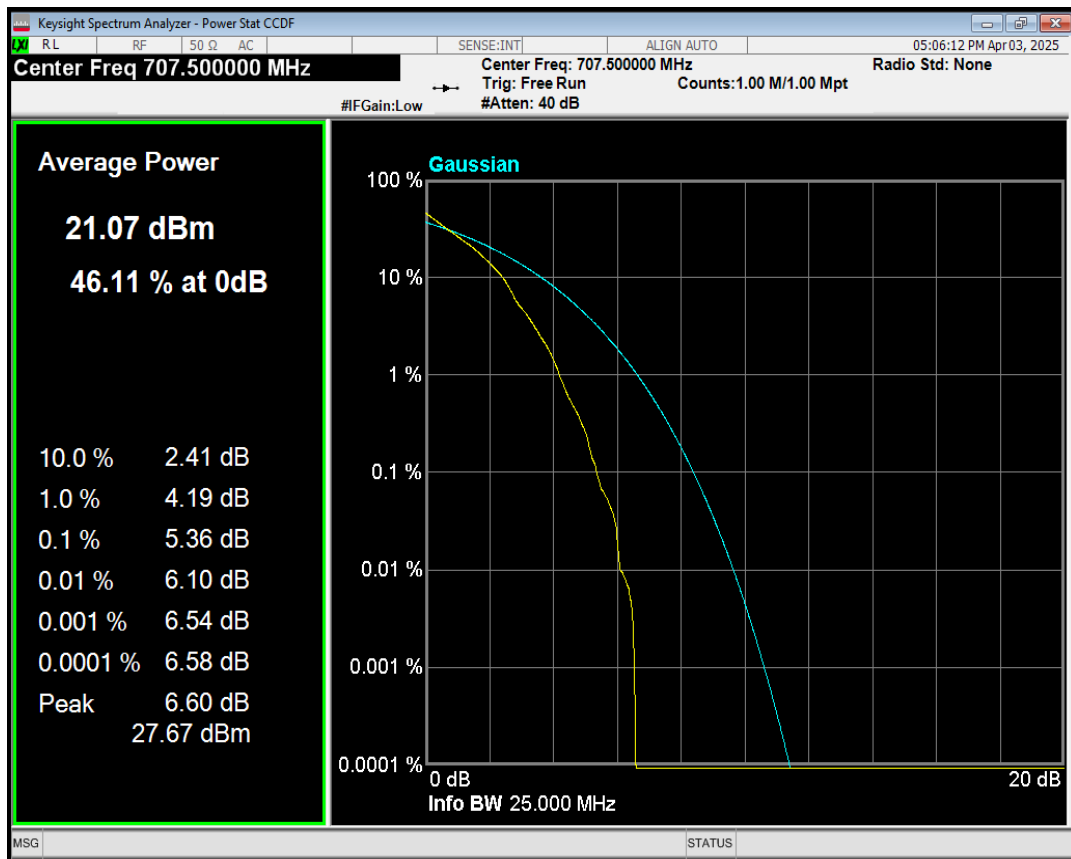
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band12	1.4	23095	6	#0	QPSK	5.48	13	PASS
Band12	1.4	23095	6	#0	QAM16	6.02	13	PASS
Band12	3	23095	15	#0	QPSK	5.66	13	PASS
Band12	3	23095	15	#0	QAM16	5.89	13	PASS
Band12	5	23095	25	#0	QPSK	5.68	13	PASS
Band12	5	23095	25	#0	QAM16	6.10	13	PASS
Band12	10	23095	50	#0	QPSK	5.36	13	PASS
Band12	10	23095	1	#0	QAM16	5.82	13	PASS
Band13	5	23230	25	#0	QPSK	5.50	13	PASS
Band13	5	23230	25	#0	QAM16	6.16	13	PASS
Band13	10	23230	50	#0	QPSK	5.53	13	PASS
Band13	10	23230	1	#0	QAM16	6.57	13	PASS
Band2	1.4	18900	6	#0	QPSK	5.31	13	PASS
Band2	1.4	18900	6	#0	QAM16	6.08	13	PASS
Band2	3	18900	15	#0	QPSK	5.41	13	PASS
Band2	3	18900	15	#0	QAM16	5.83	13	PASS
Band2	5	18900	25	#0	QPSK	5.51	13	PASS
Band2	5	18900	25	#0	QAM16	6.16	13	PASS
Band2	10	18900	50	#0	QPSK	5.77	13	PASS
Band2	10	18900	1	#0	QAM16	5.91	13	PASS
Band2	15	18900	50	#0	QPSK	5.39	13	PASS
Band2	15	18900	1	#0	QAM16	5.64	13	PASS
Band2	20	18900	100	#0	QPSK	5.71	13	PASS
Band2	20	18900	1	#0	QAM16	5.76	13	PASS
Band4	1.4	20175	6	#0	QPSK	5.43	13	PASS
Band4	1.4	20175	6	#0	QAM16	5.85	13	PASS
Band4	3	20175	15	#0	QPSK	5.62	13	PASS
Band4	3	20175	15	#0	QAM16	6.10	13	PASS
Band4	5	20175	25	#0	QPSK	5.27	13	PASS
Band4	5	20175	25	#0	QAM16	6.07	13	PASS
Band4	10	20175	50	#0	QPSK	5.98	13	PASS
Band4	10	20175	1	#0	QAM16	5.96	13	PASS
Band4	15	20175	50	#0	QPSK	5.40	13	PASS
Band4	15	20175	1	#0	QAM16	5.99	13	PASS
Band4	20	20175	100	#0	QPSK	5.50	13	PASS
Band4	20	20175	1	#0	QAM16	6.19	13	PASS
Band5	1.4	20525	6	#0	QPSK	5.55	13	PASS
Band5	1.4	20525	6	#0	QAM16	6.18	13	PASS
Band5	3	20525	15	#0	QPSK	5.50	13	PASS
Band5	3	20525	15	#0	QAM16	5.73	13	PASS
Band5	5	20525	25	#0	QPSK	5.59	13	PASS
Band5	5	20525	25	#0	QAM16	6.22	13	PASS

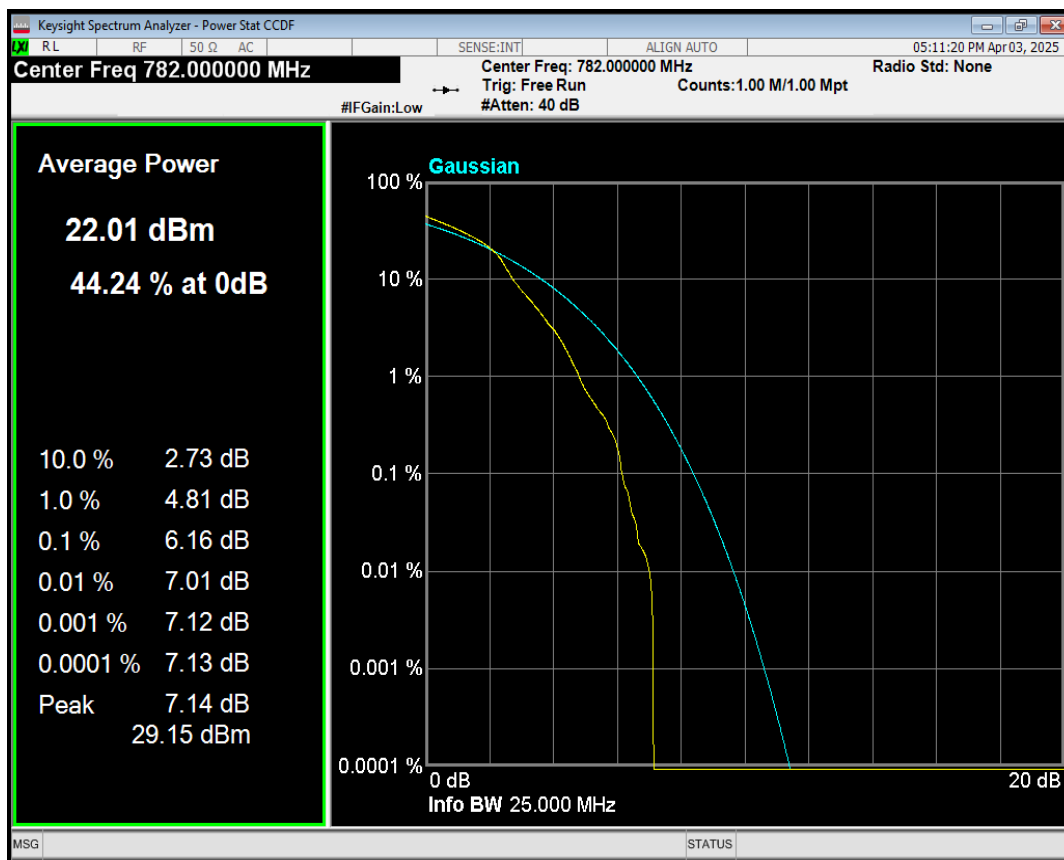
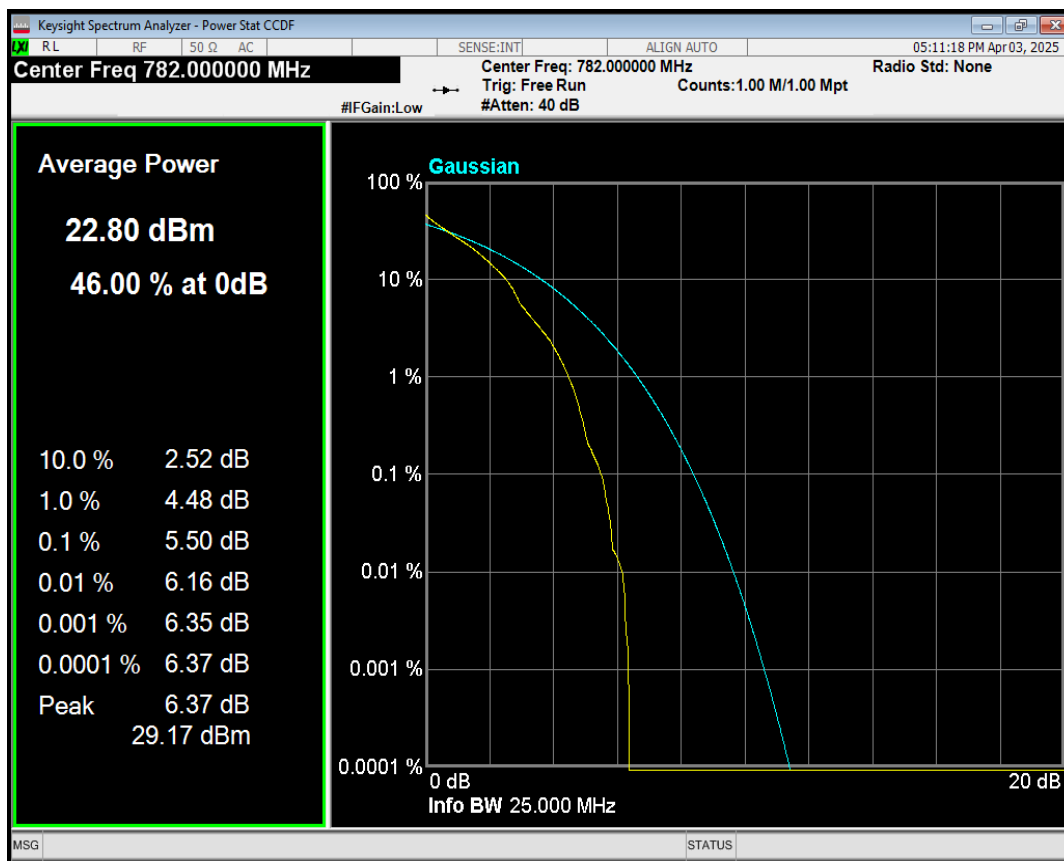
Band5	5	20625	50	#0	QPSK	5.58	13	PASS
Band5	5	20625	1	#0	QAM16	5.82	13	PASS
Band5	10	20525	50	#0	QPSK	5.43	13	PASS
Band5	10	20525	1	#0	QAM16	6.32	13	PASS

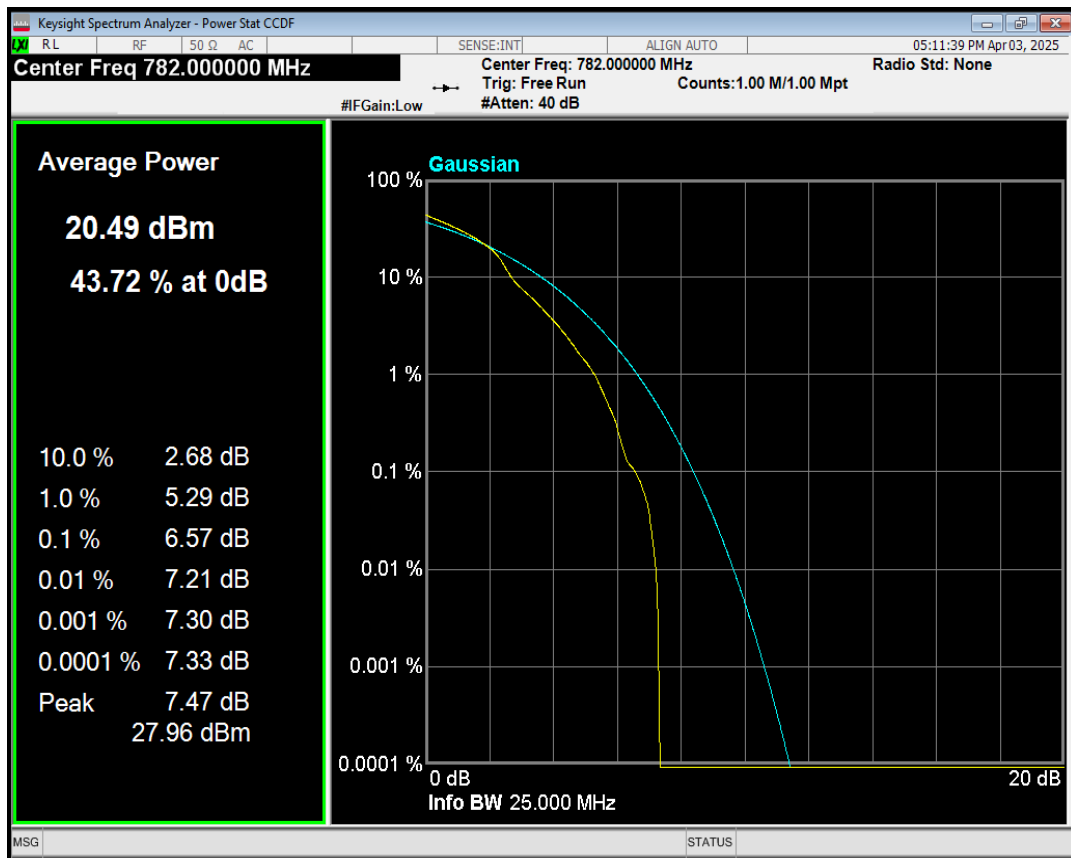
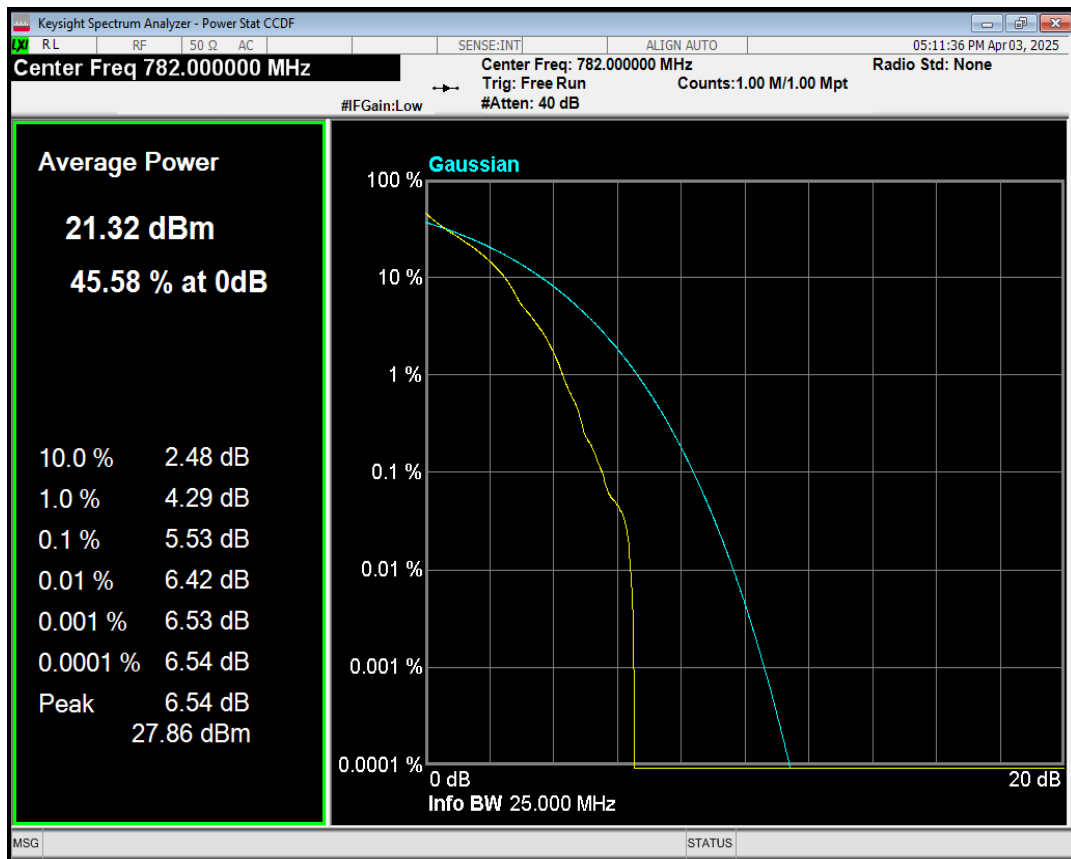




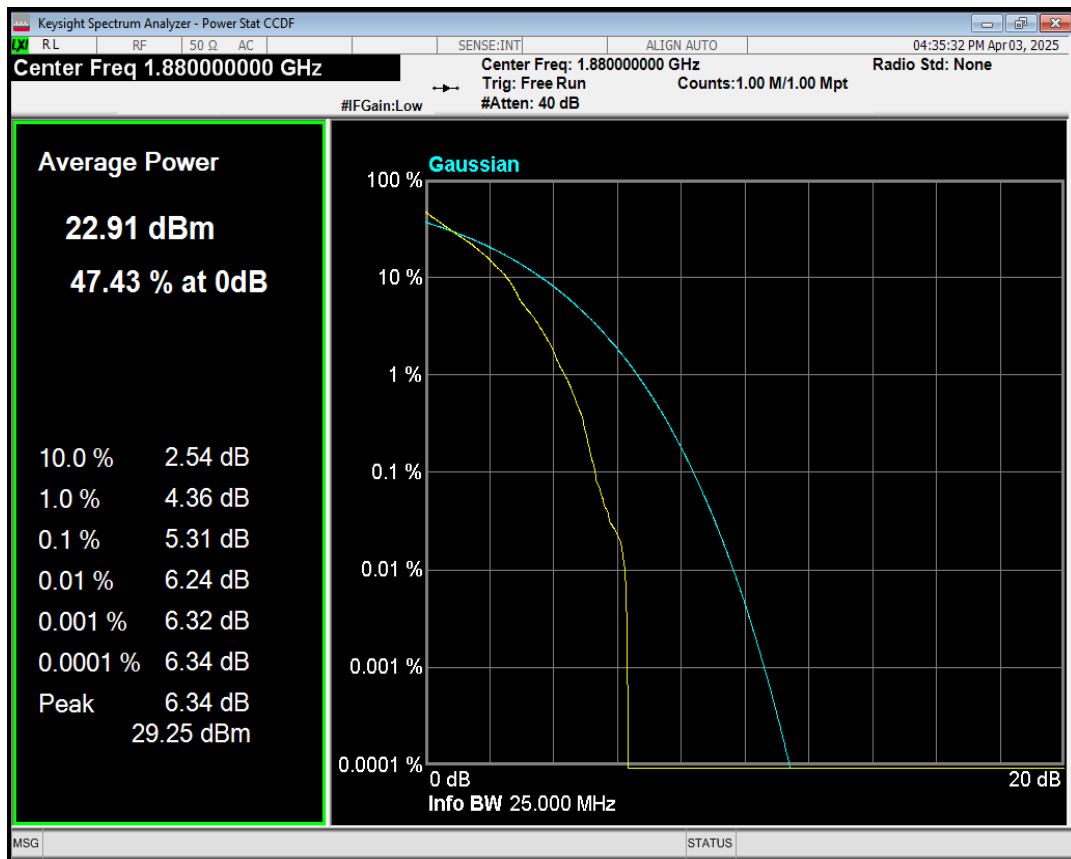




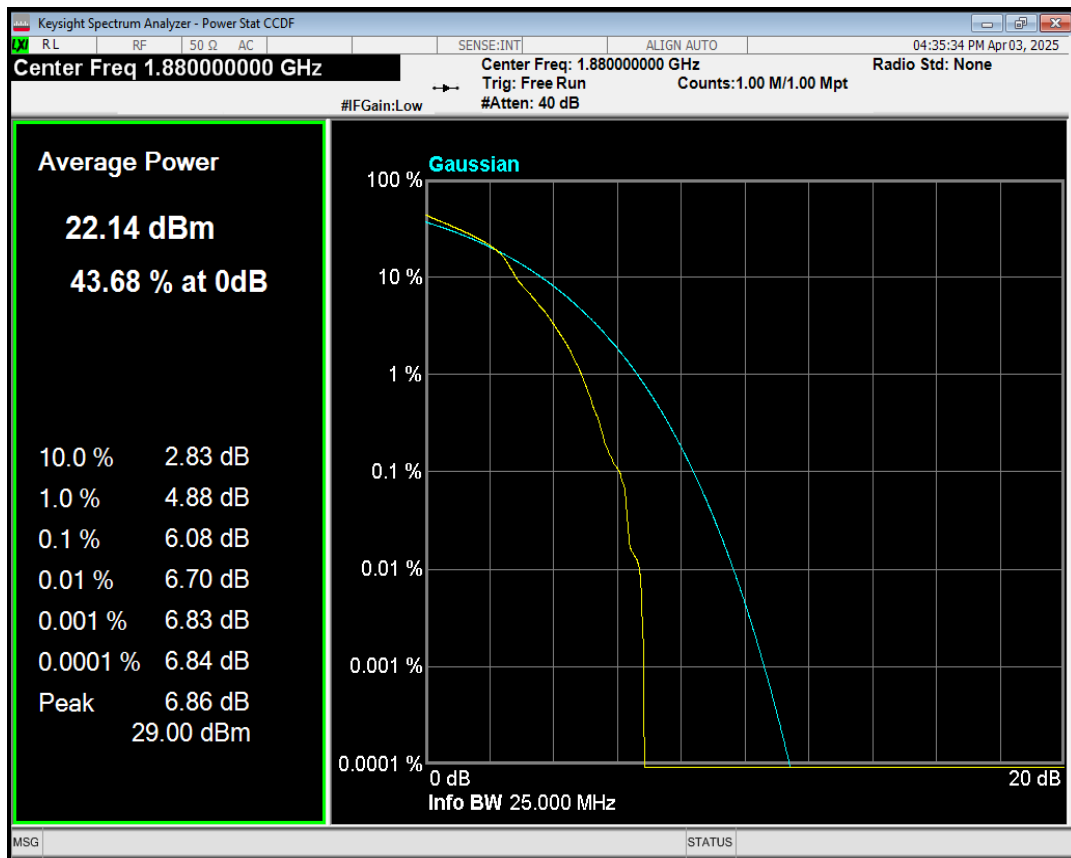




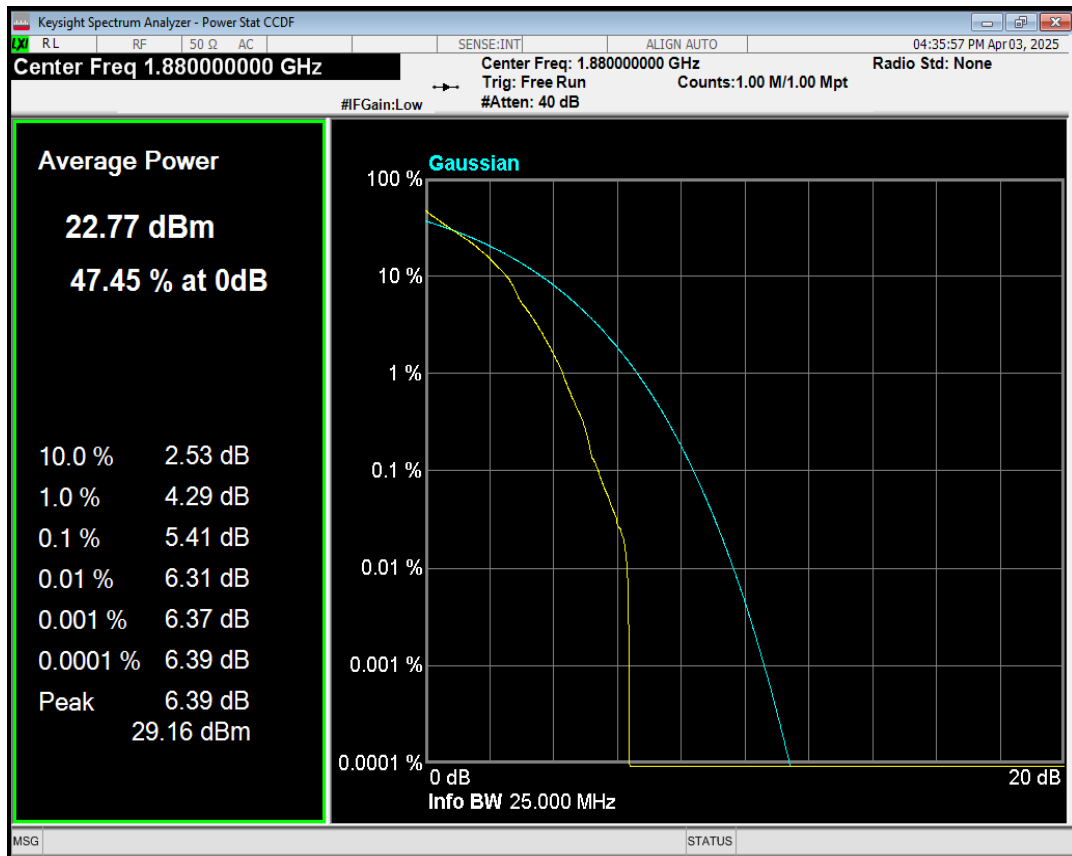
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



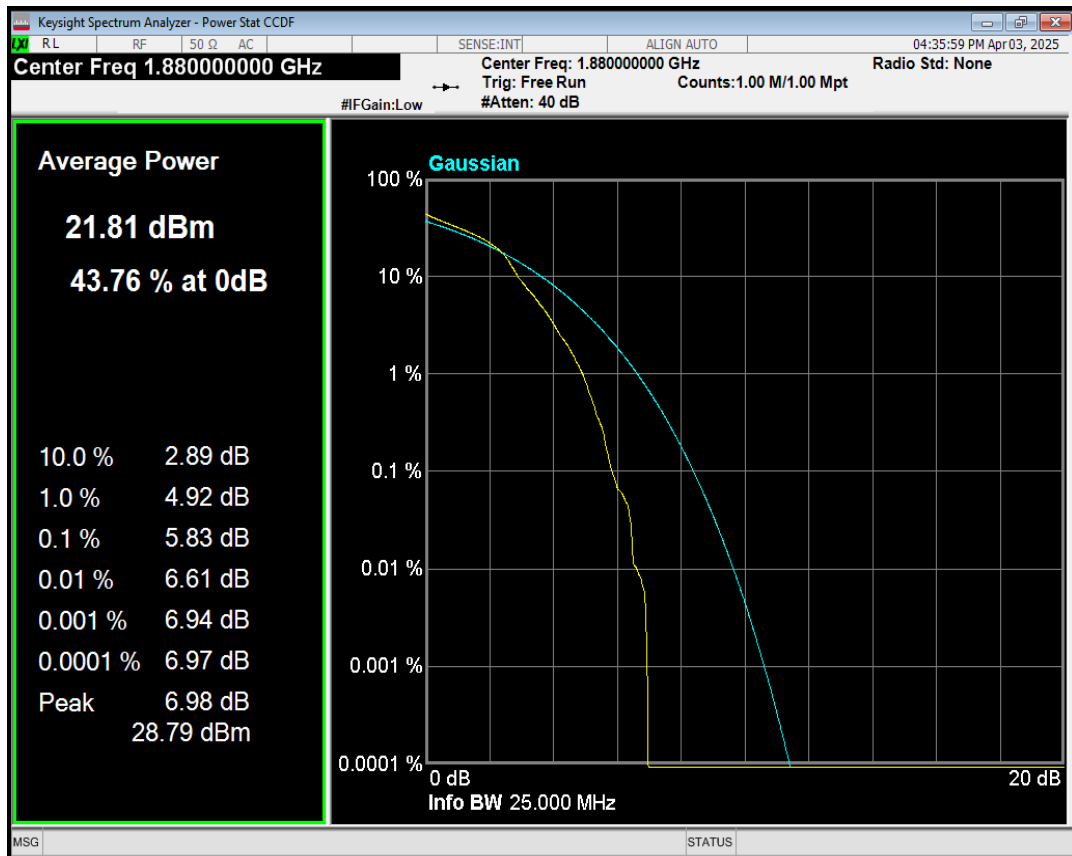
Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=6 Position=#0

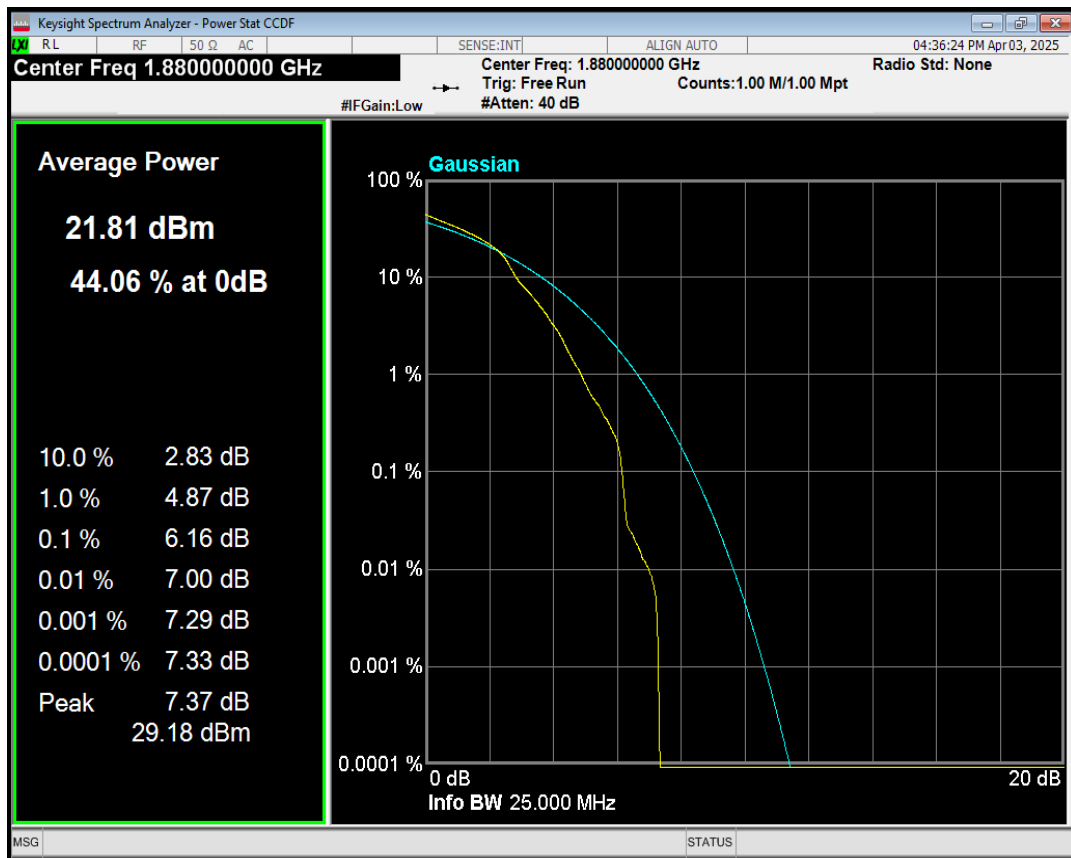
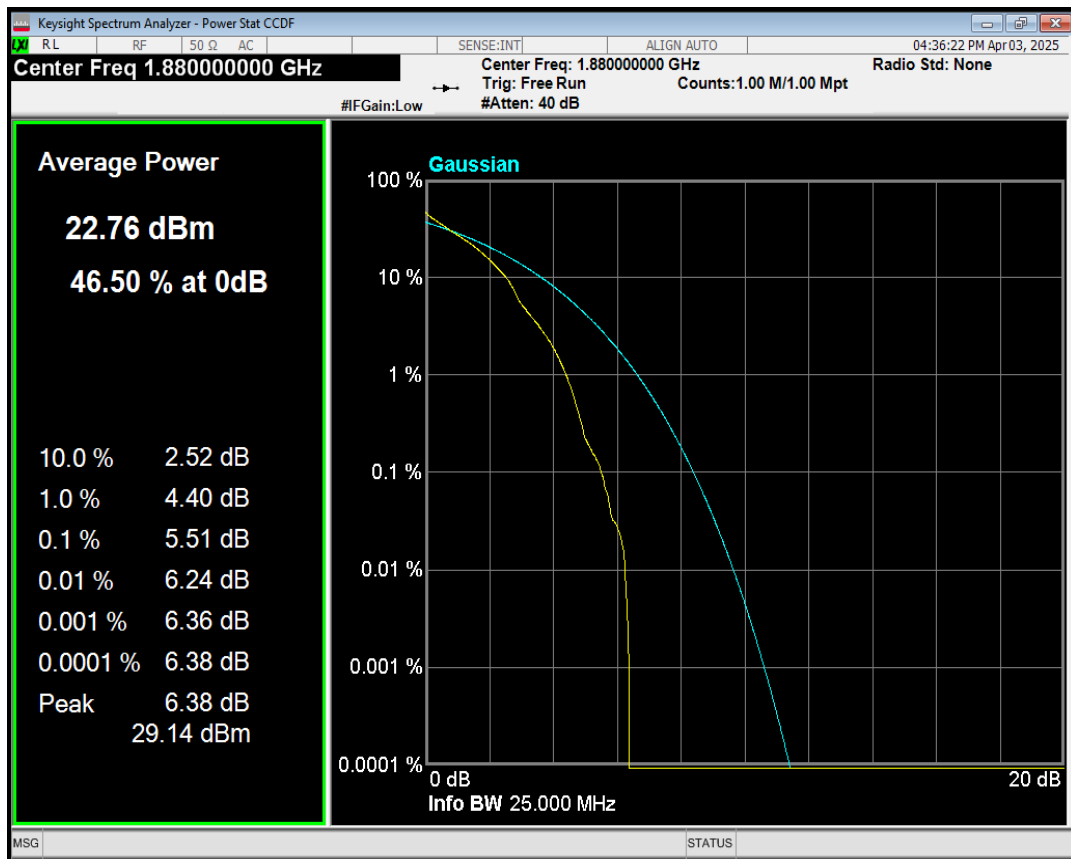


Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0

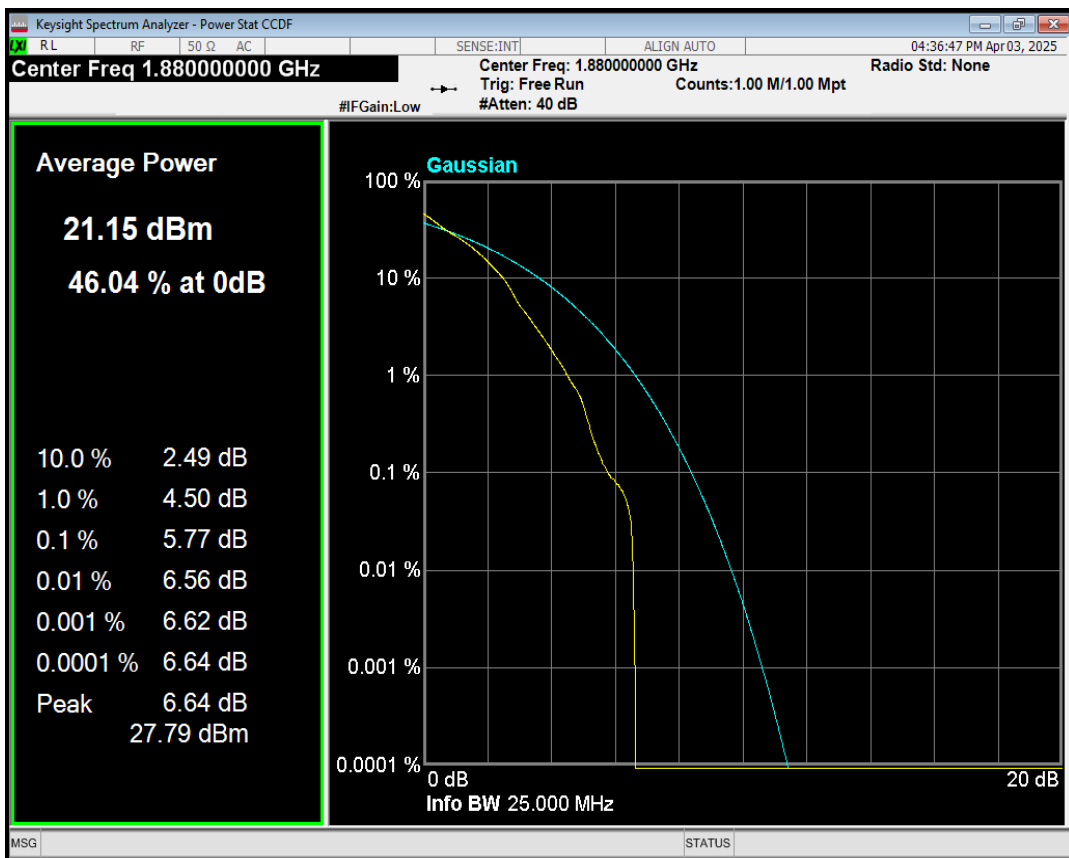


Band2 QAM16 BW=3MHz Channel=18900 RB Size=15 Position=#0

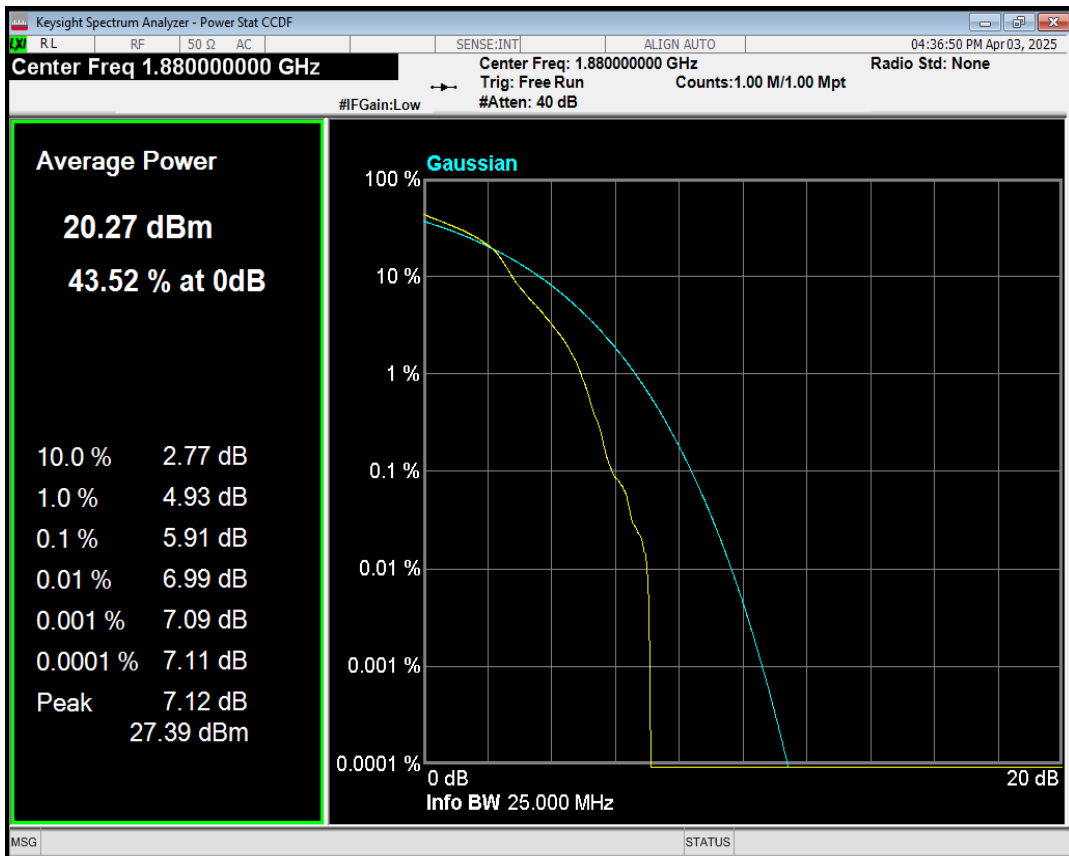




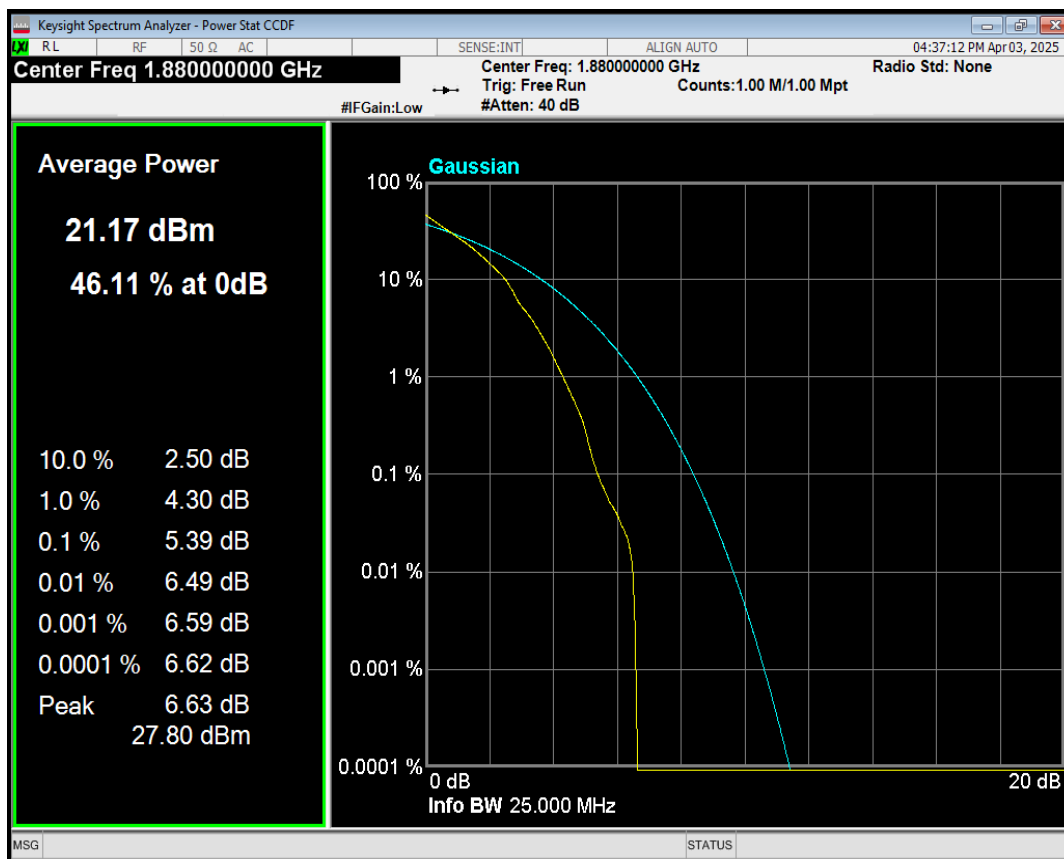
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



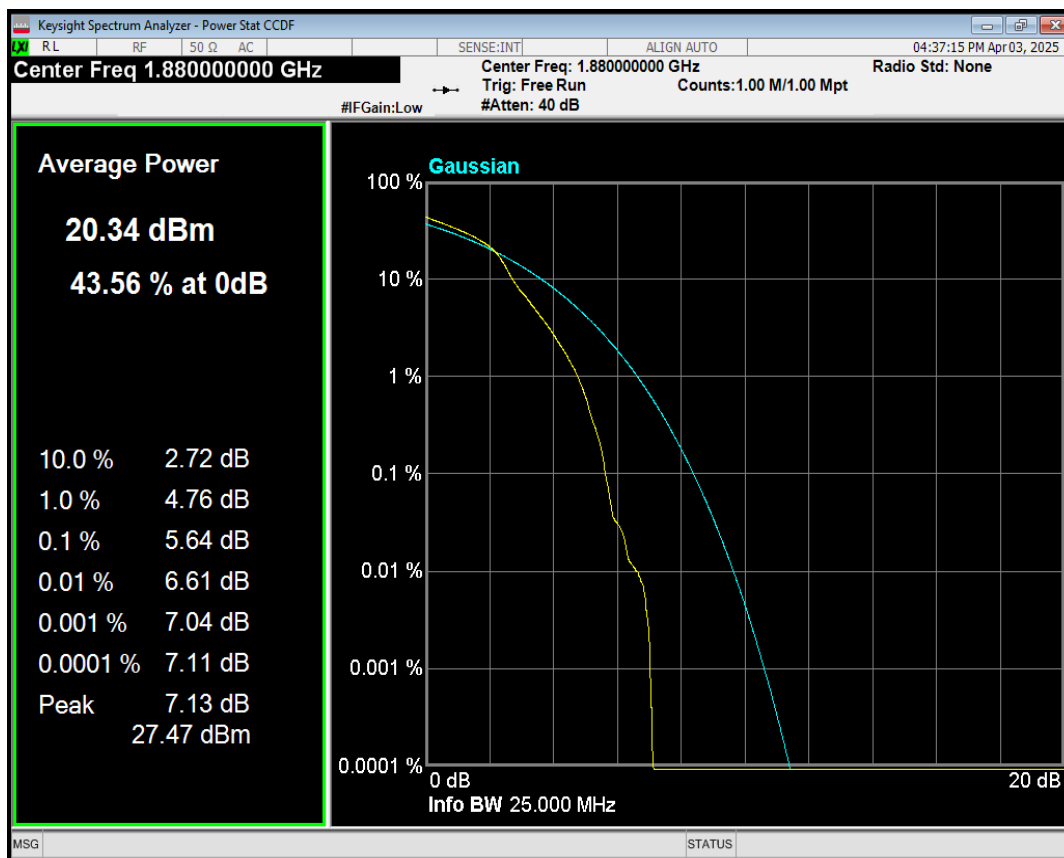
Band2 QAM16 BW=10MHz Channel=18900 RB Size=1 Position=#0



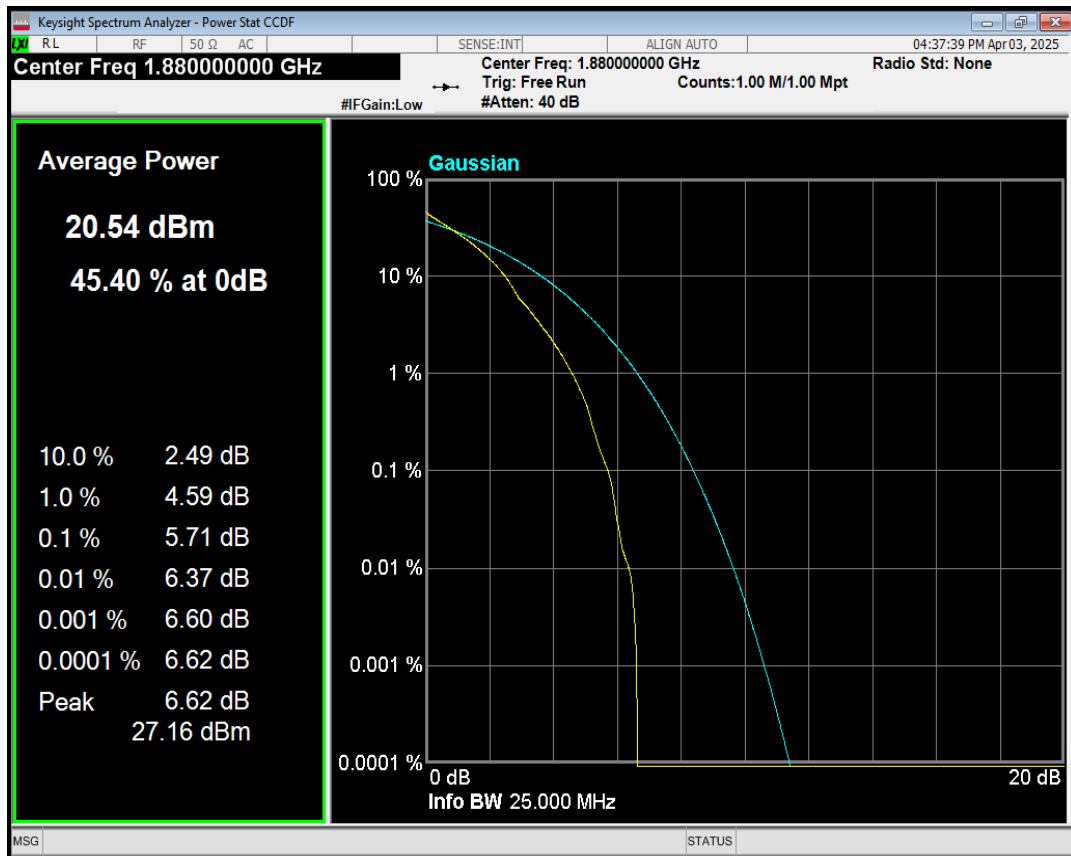
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



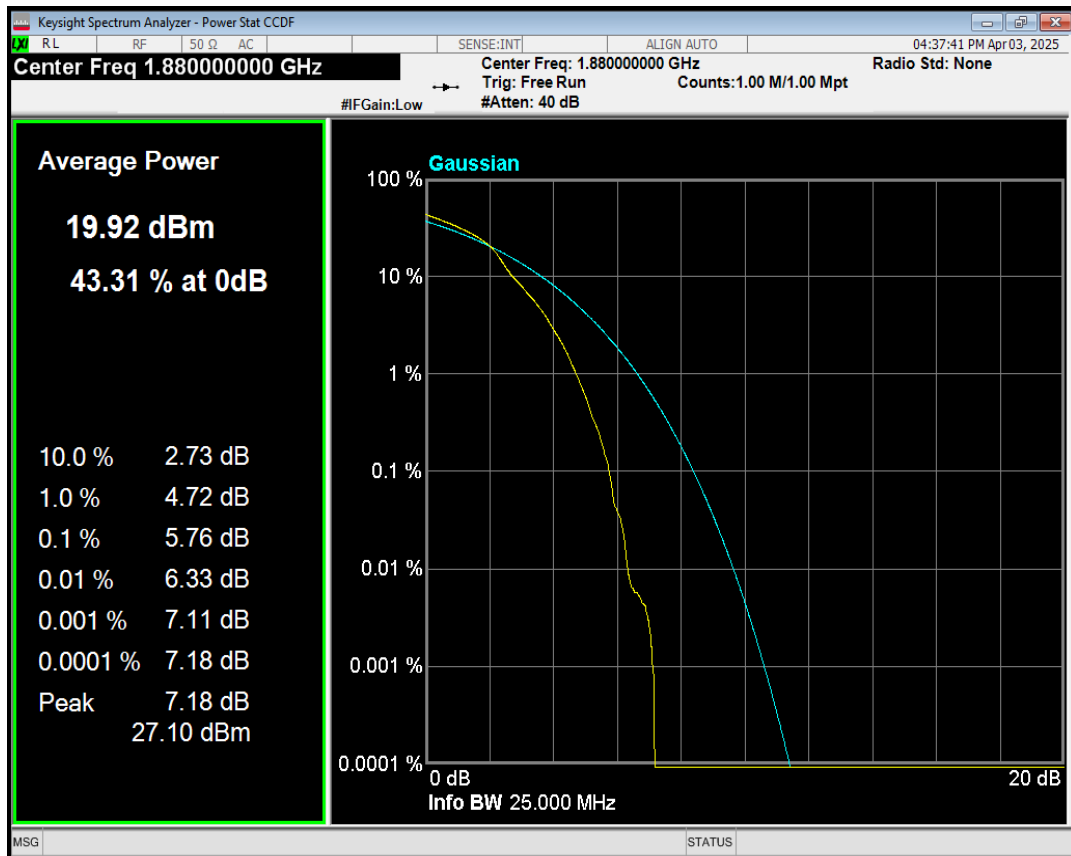
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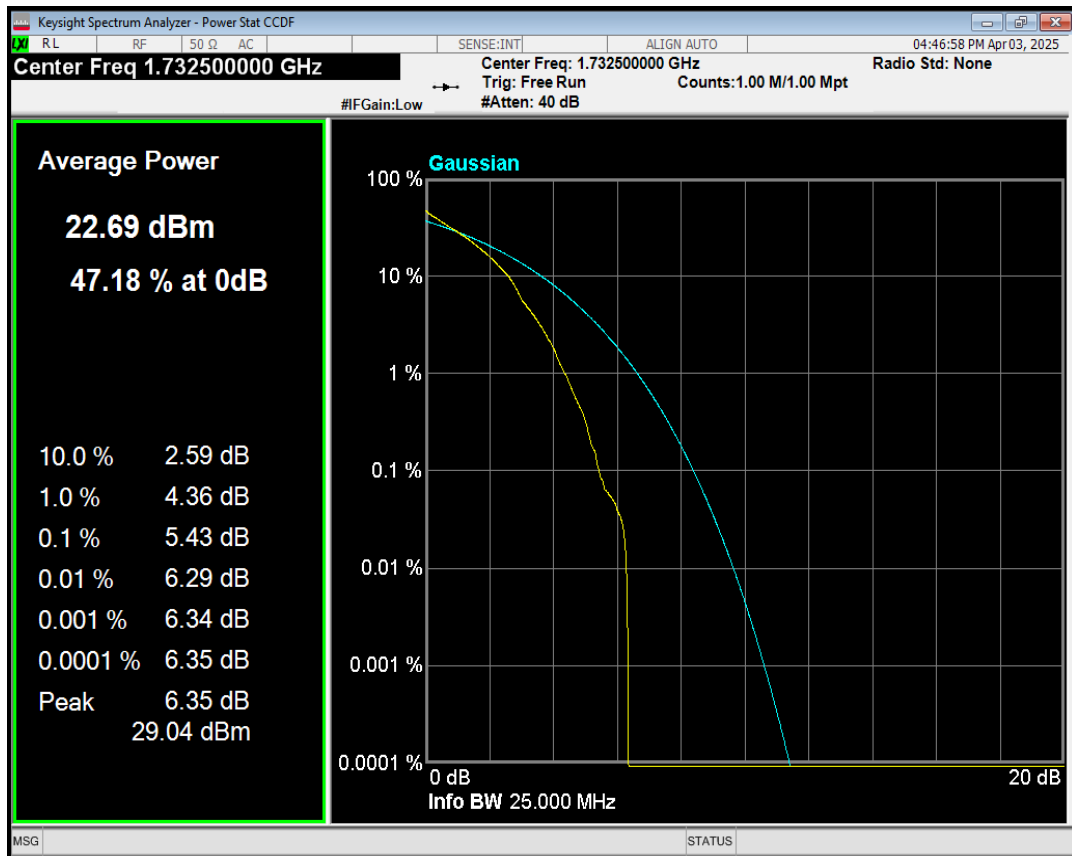
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



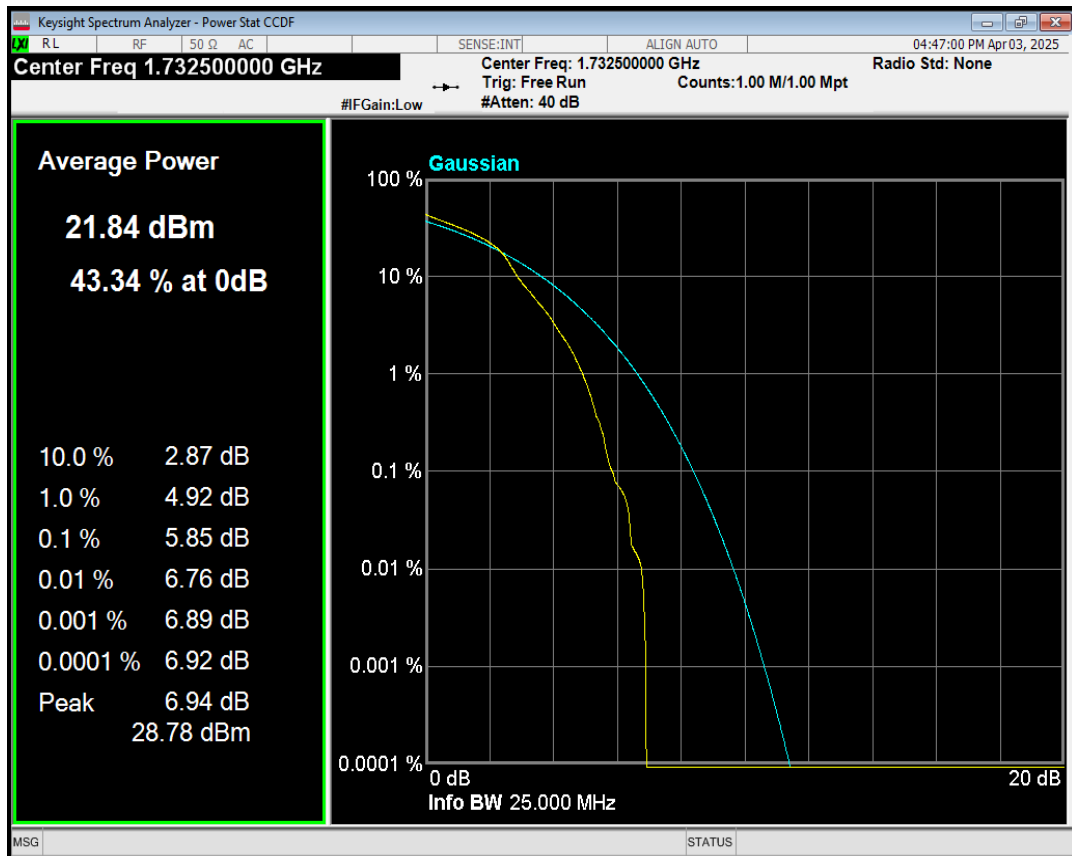
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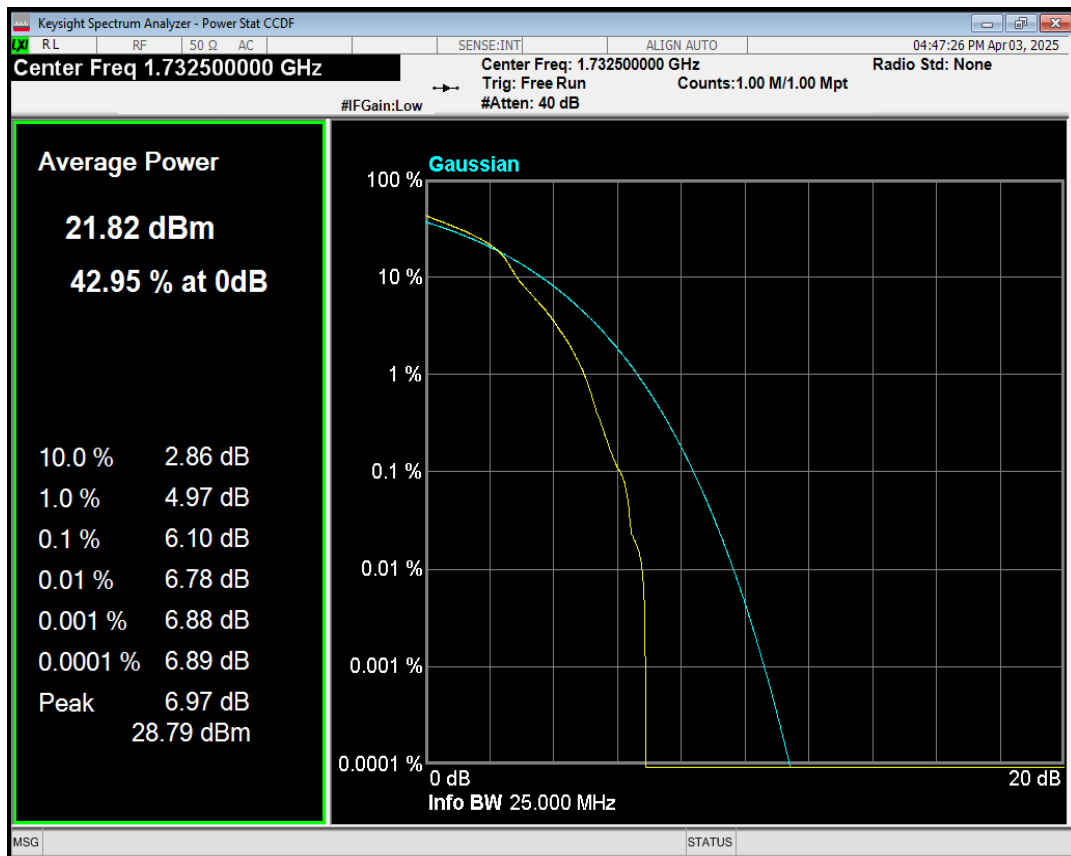
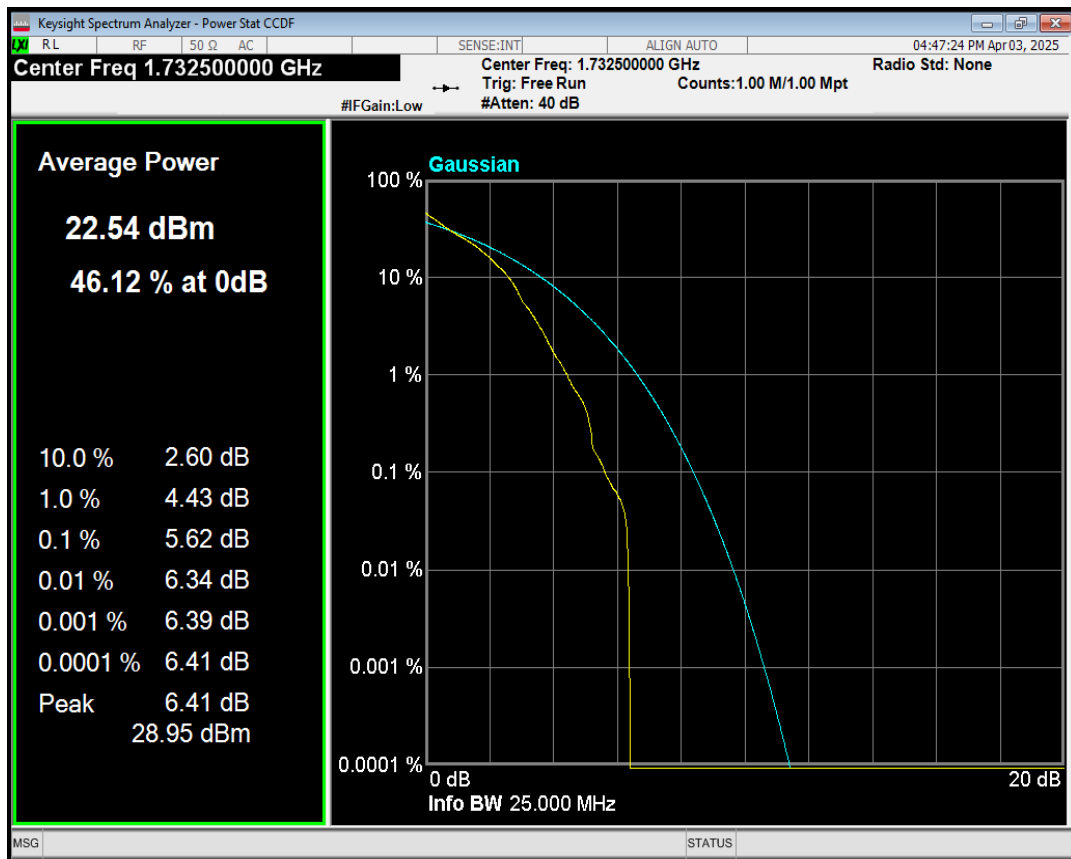


Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0

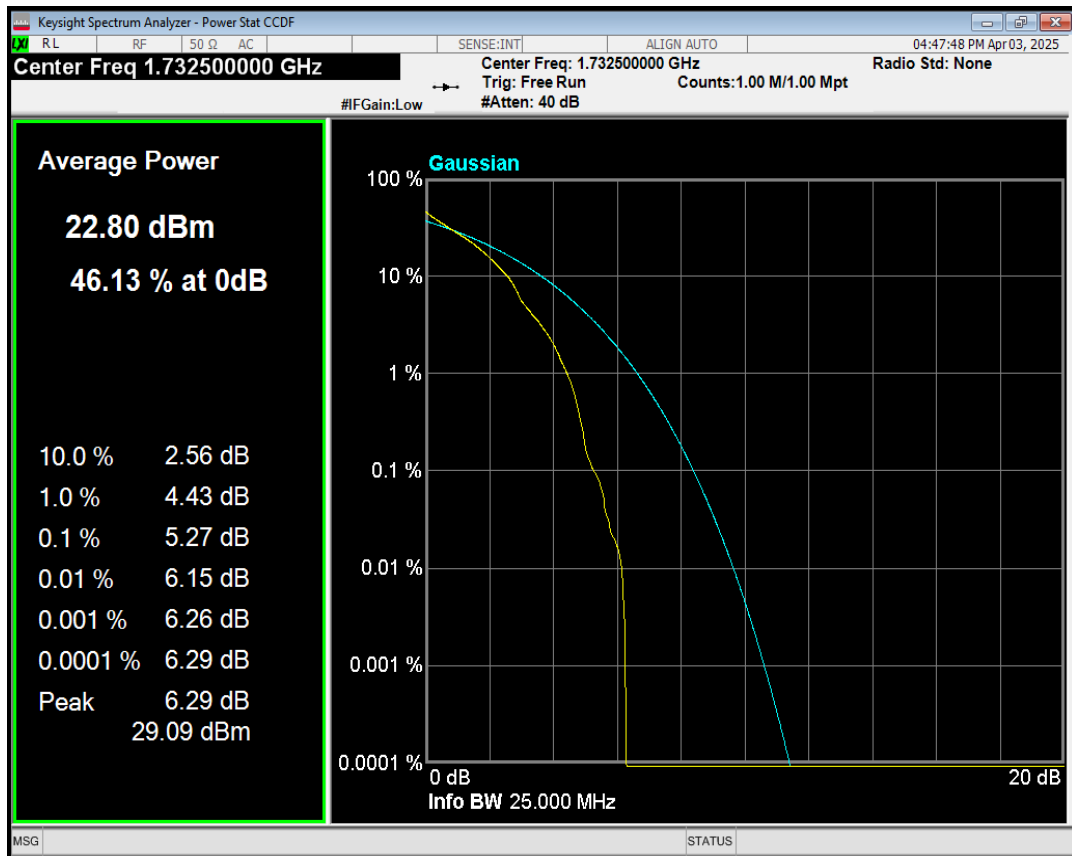


Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0

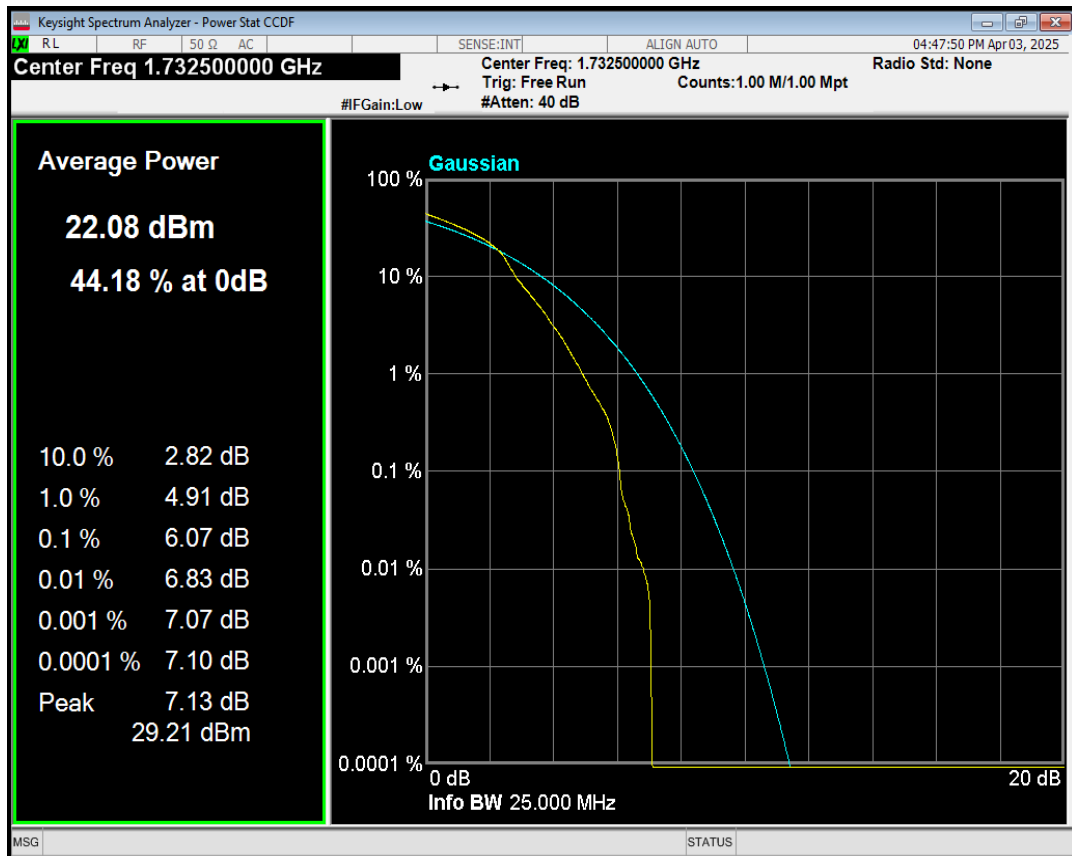




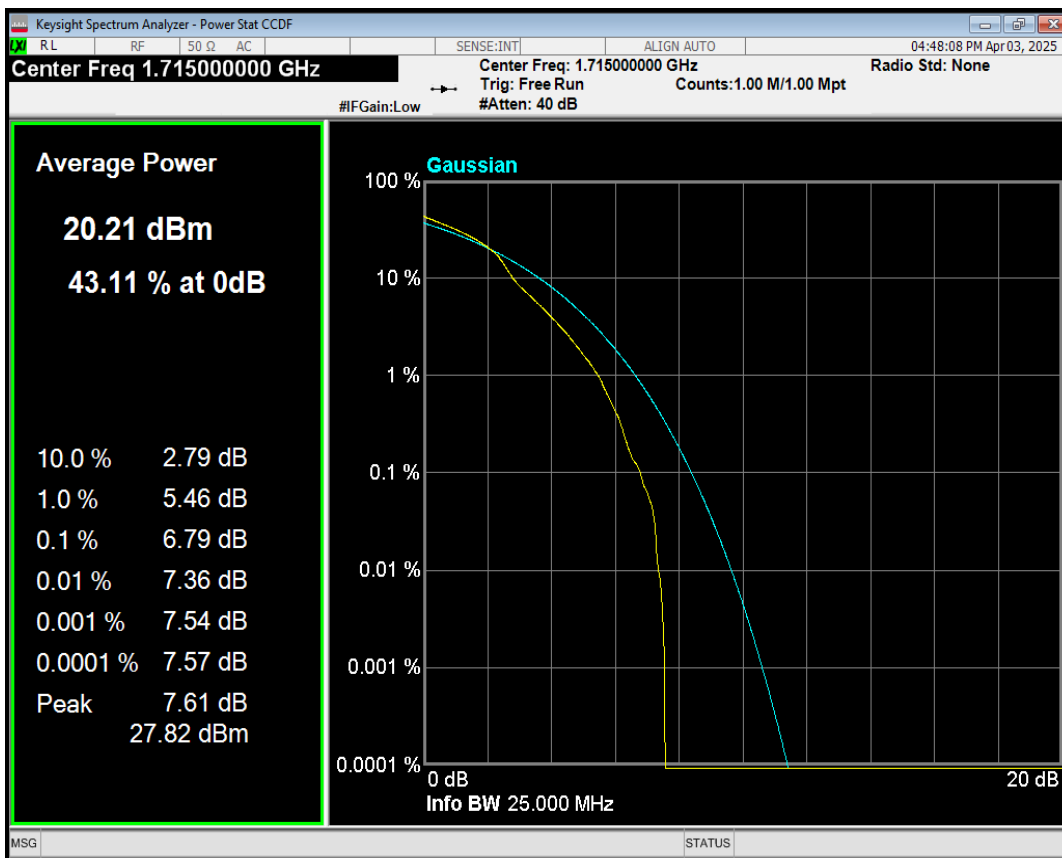
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



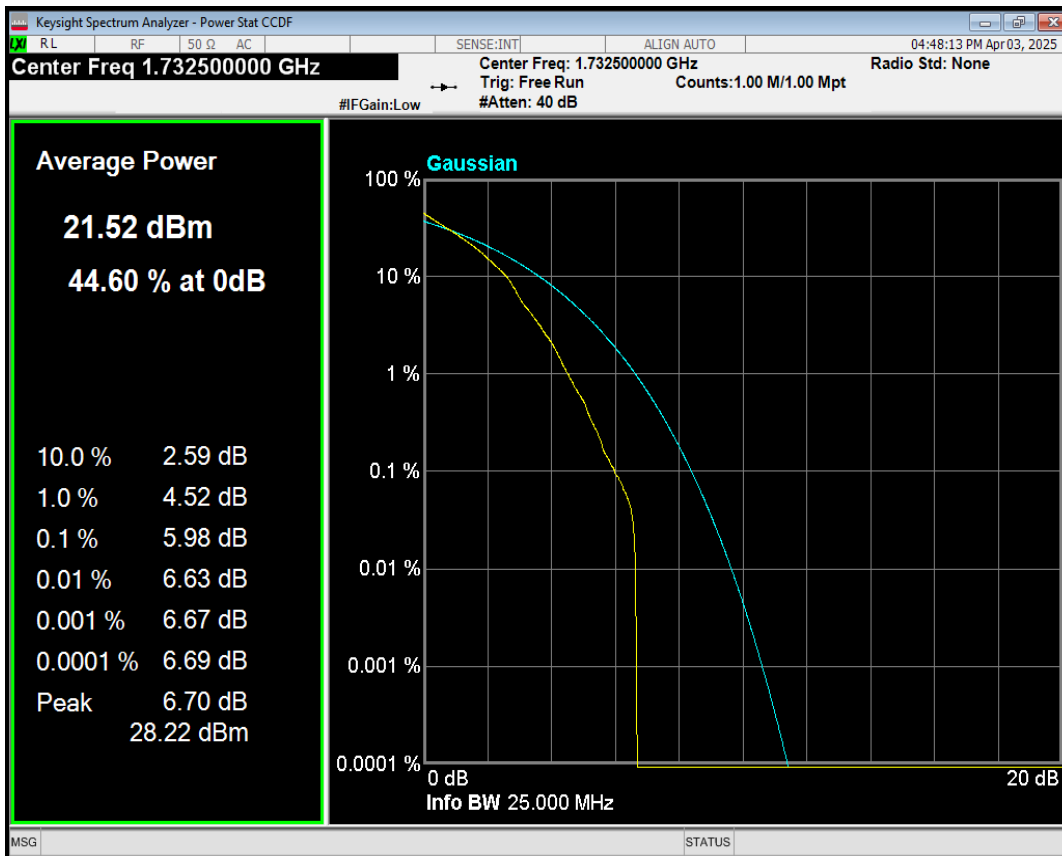
Band4 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0



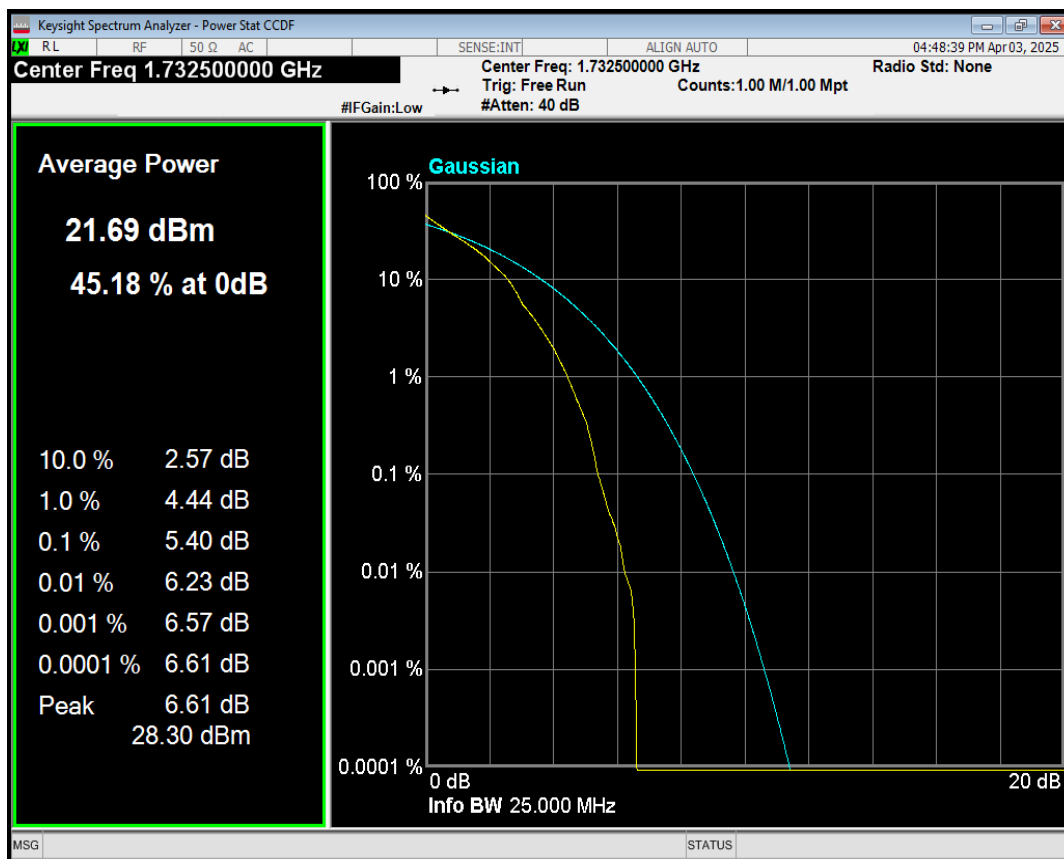
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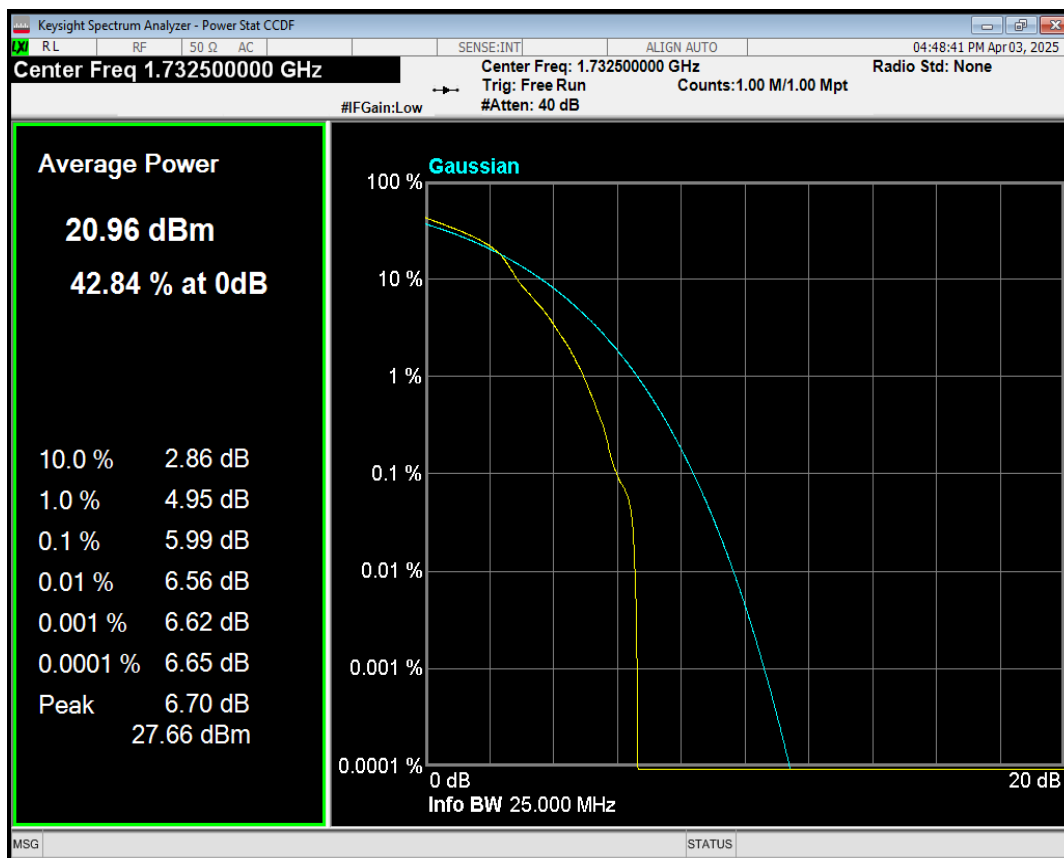
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



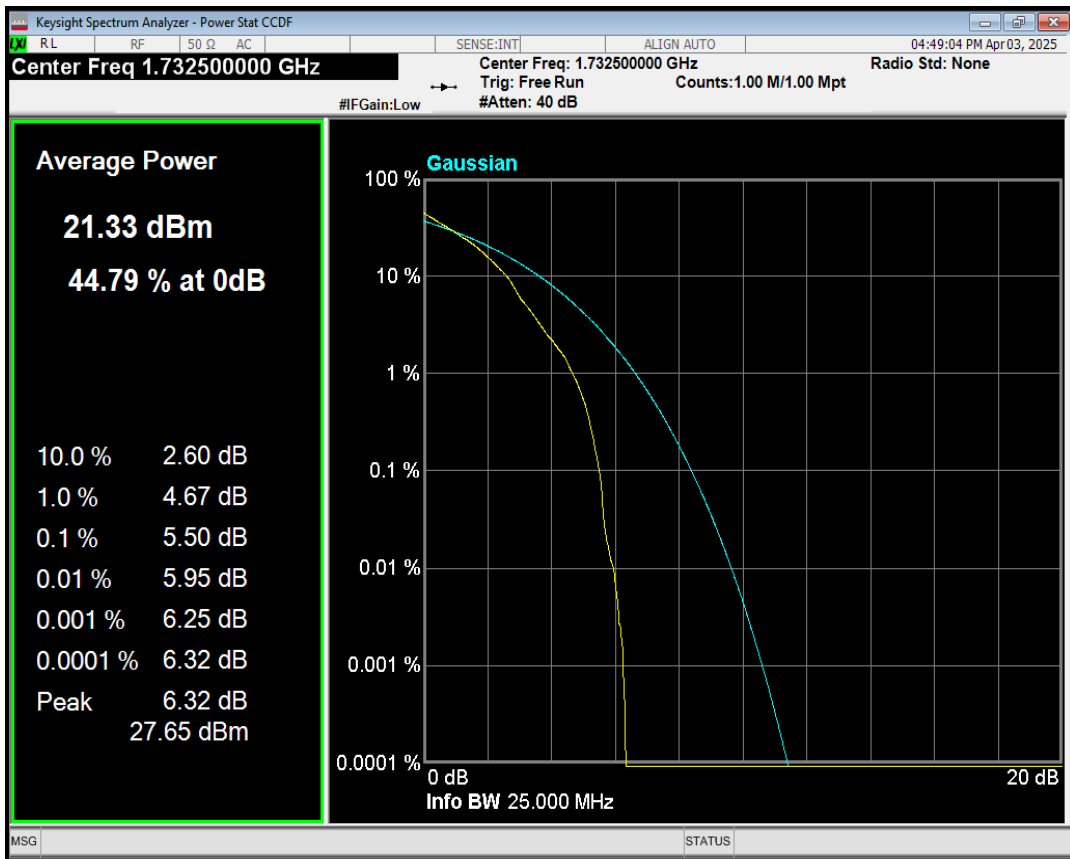
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



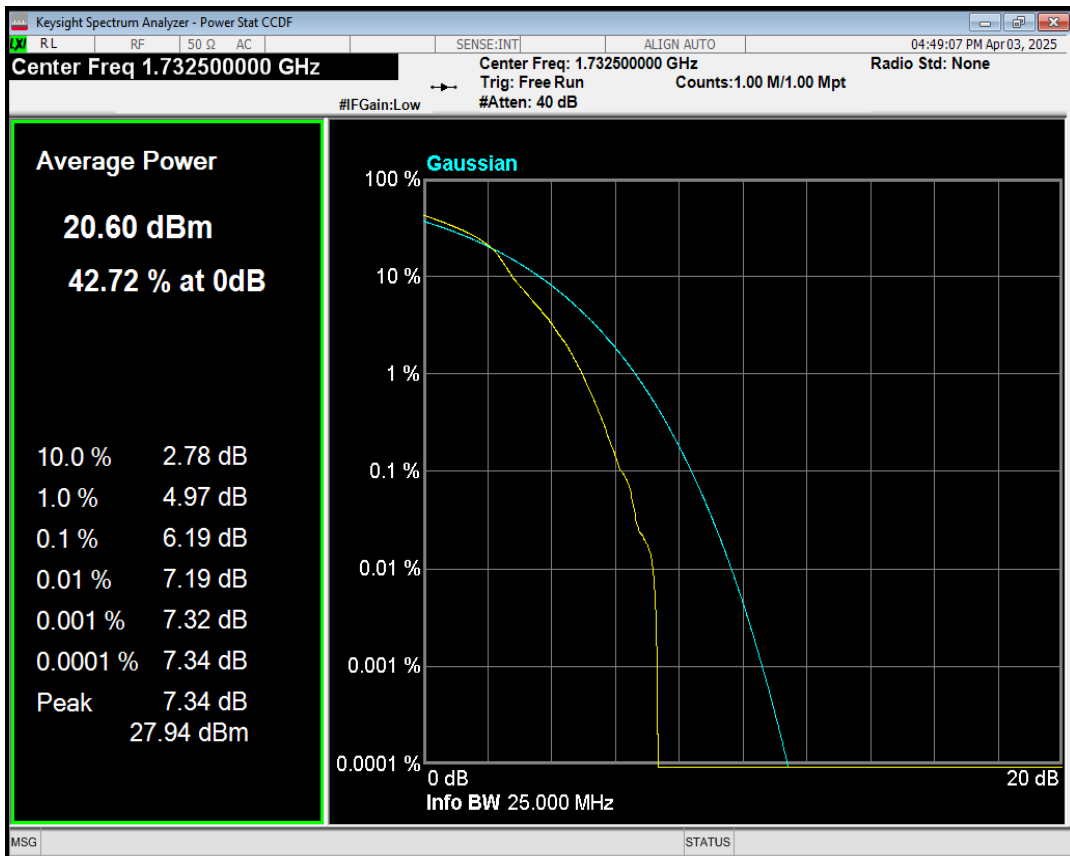
Band4 QAM16 BW=15MHz Channel=20175 RB Size=1 Position=#0



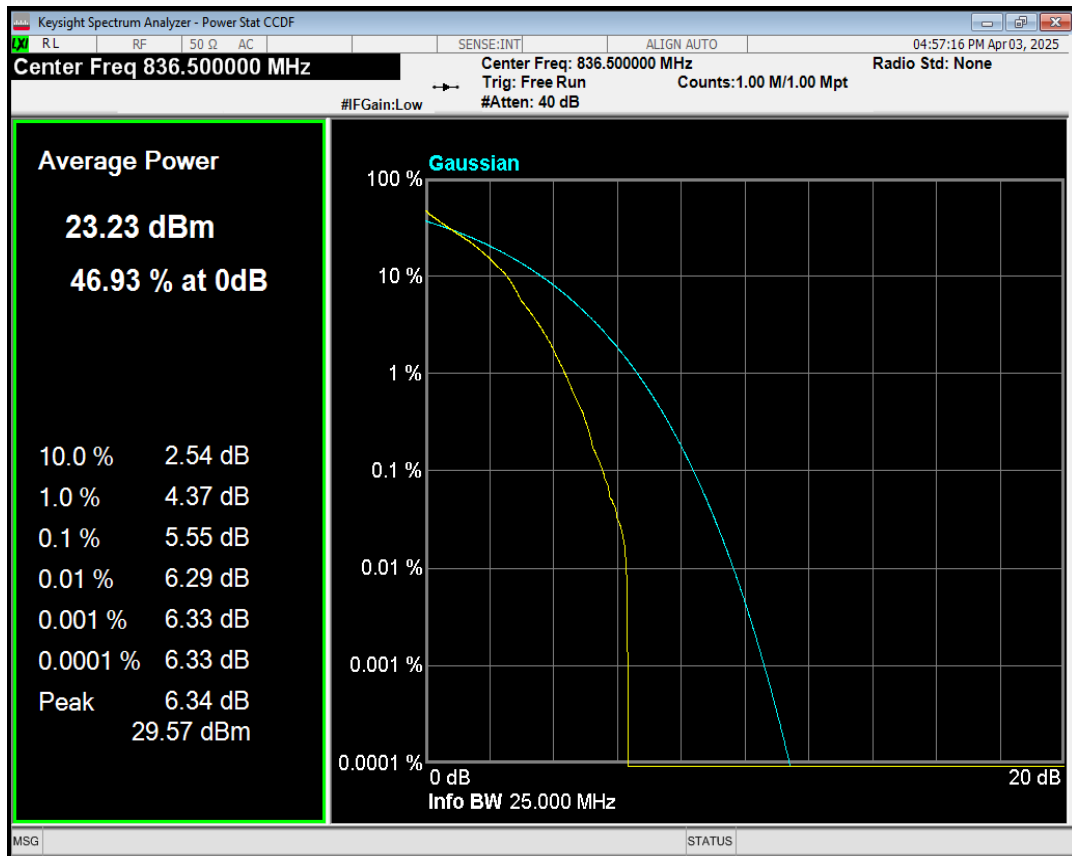
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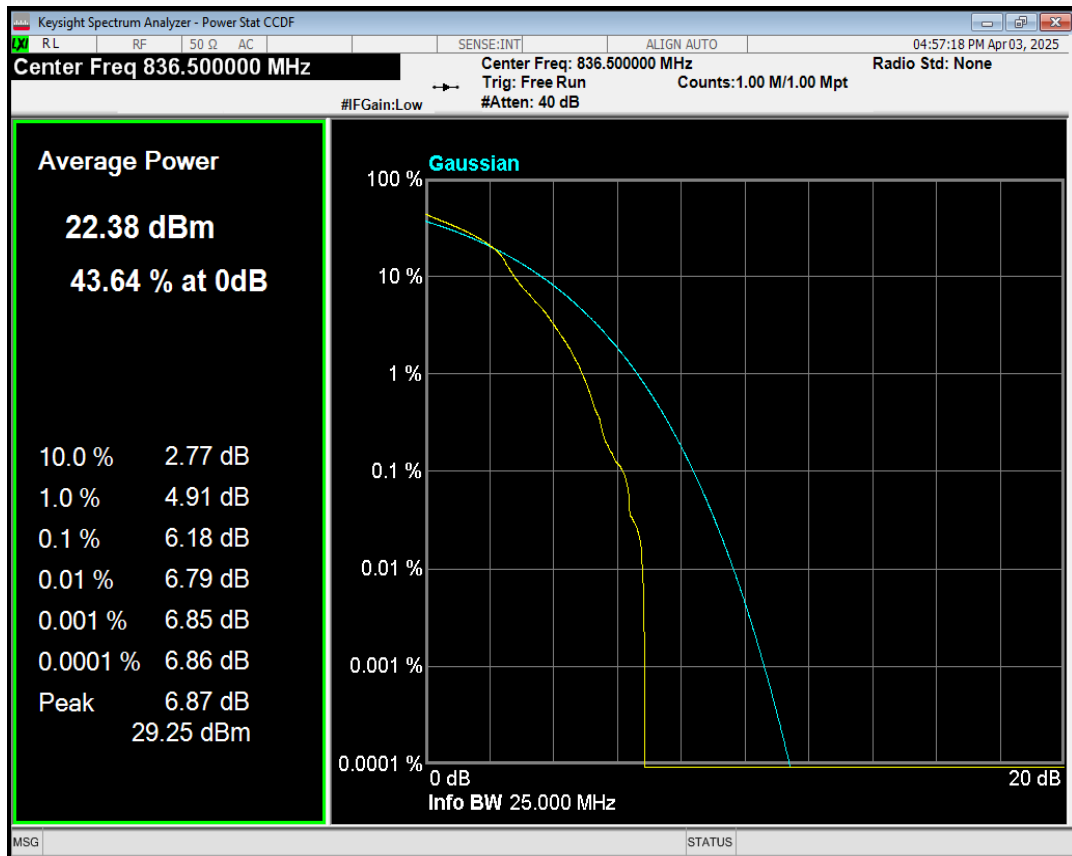
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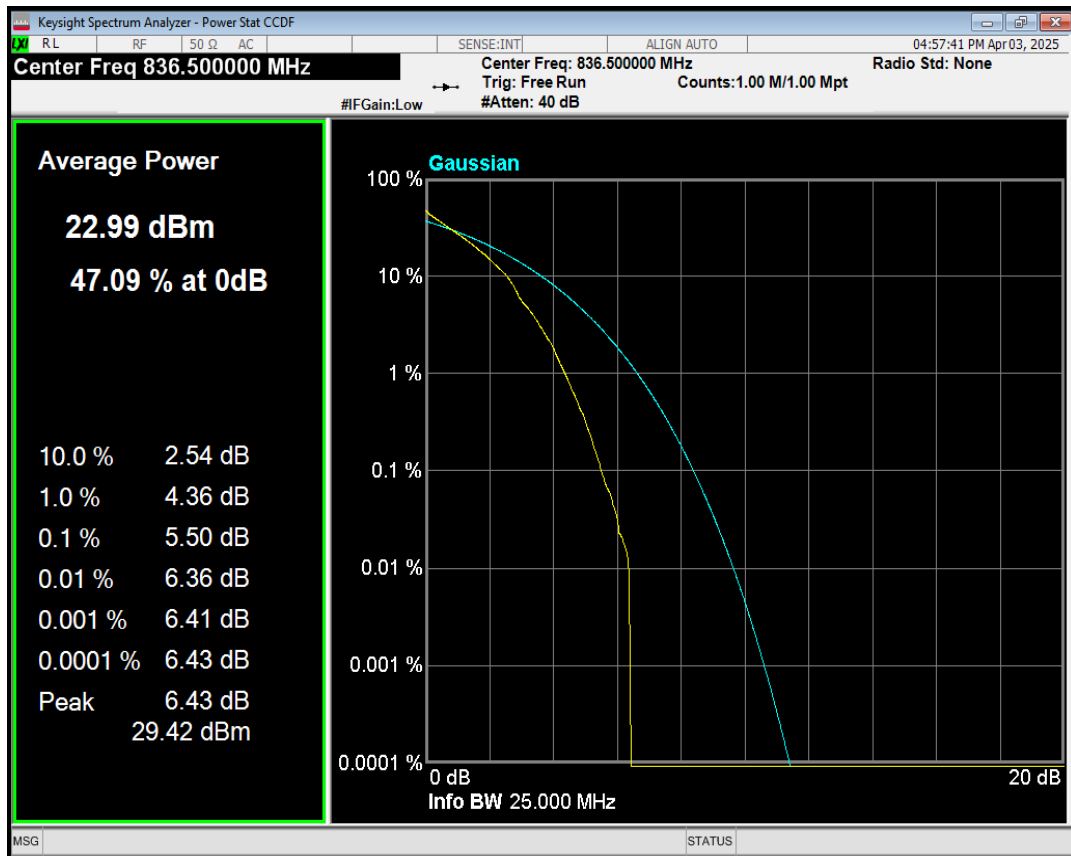
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



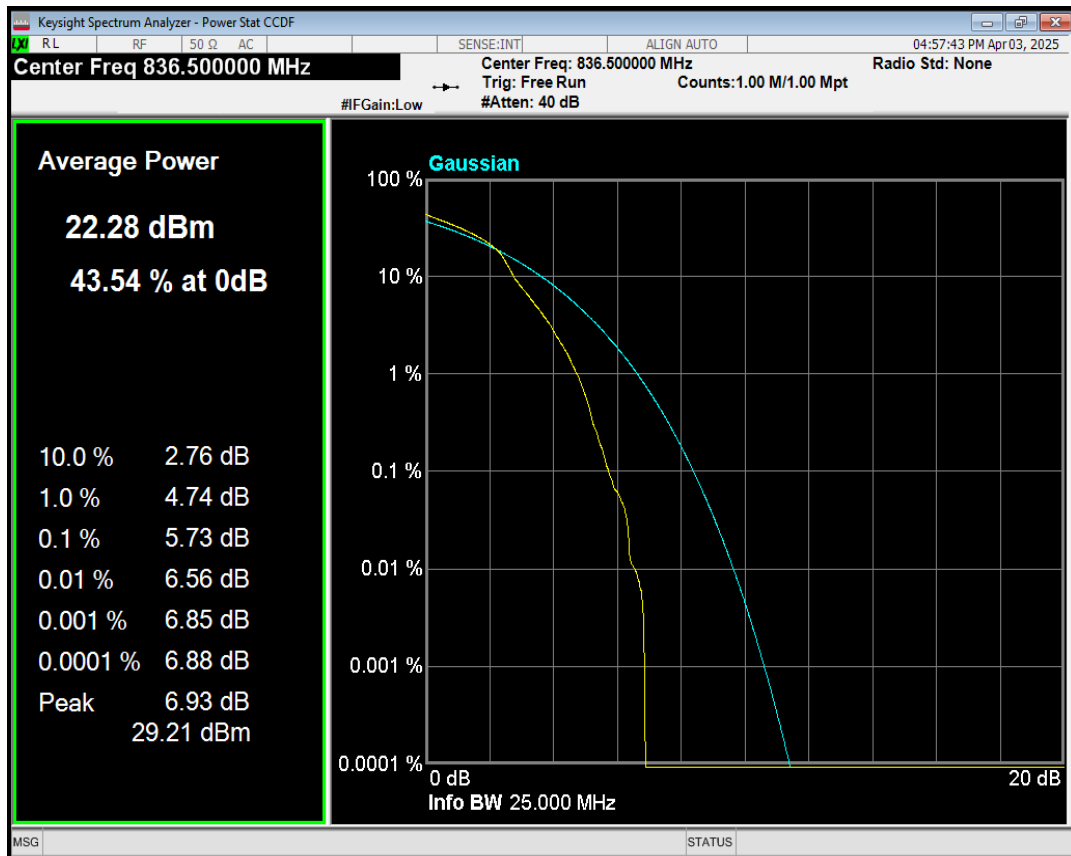
Band5 QAM16 BW=1.4MHz Channel=20525 RB Size=6 Position=#0



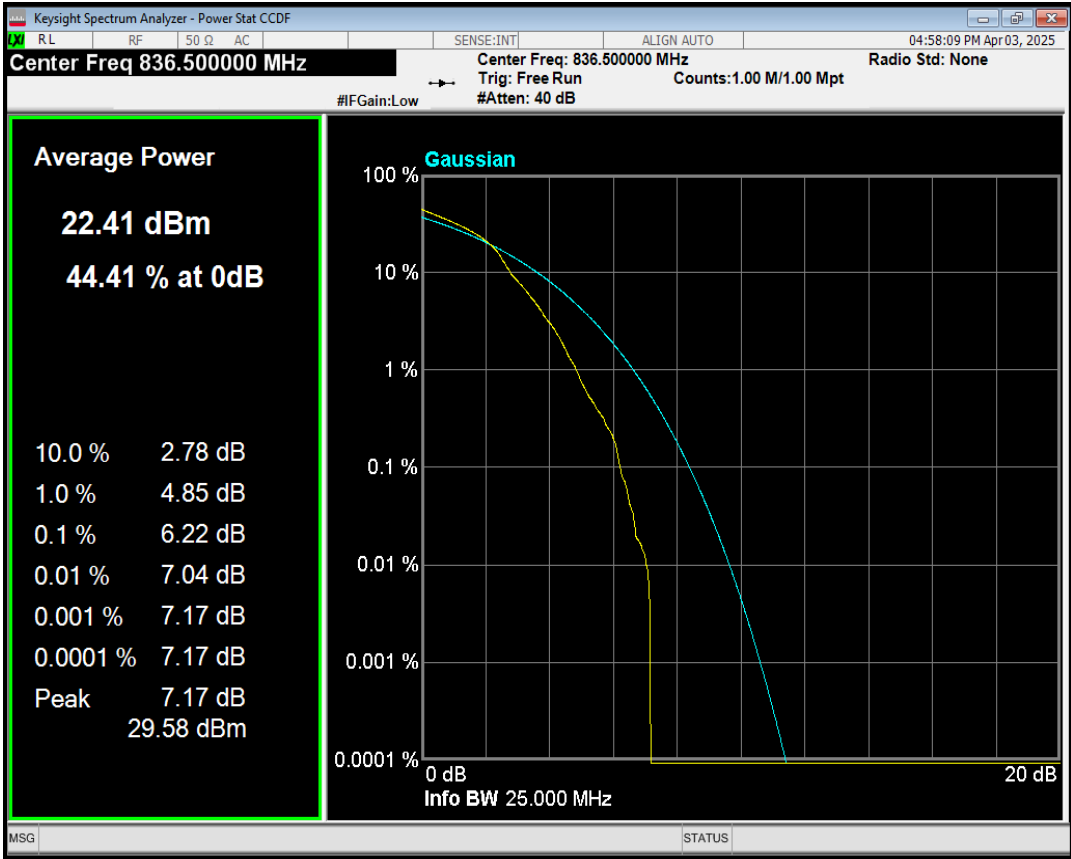
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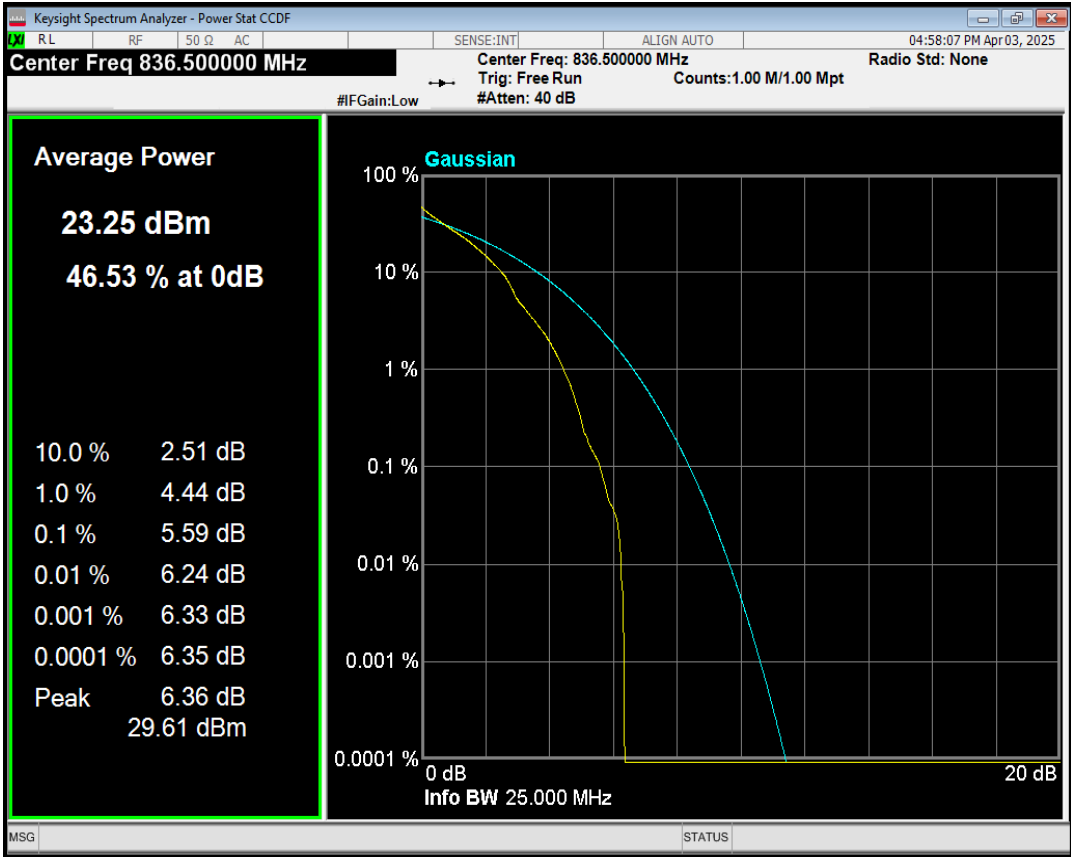
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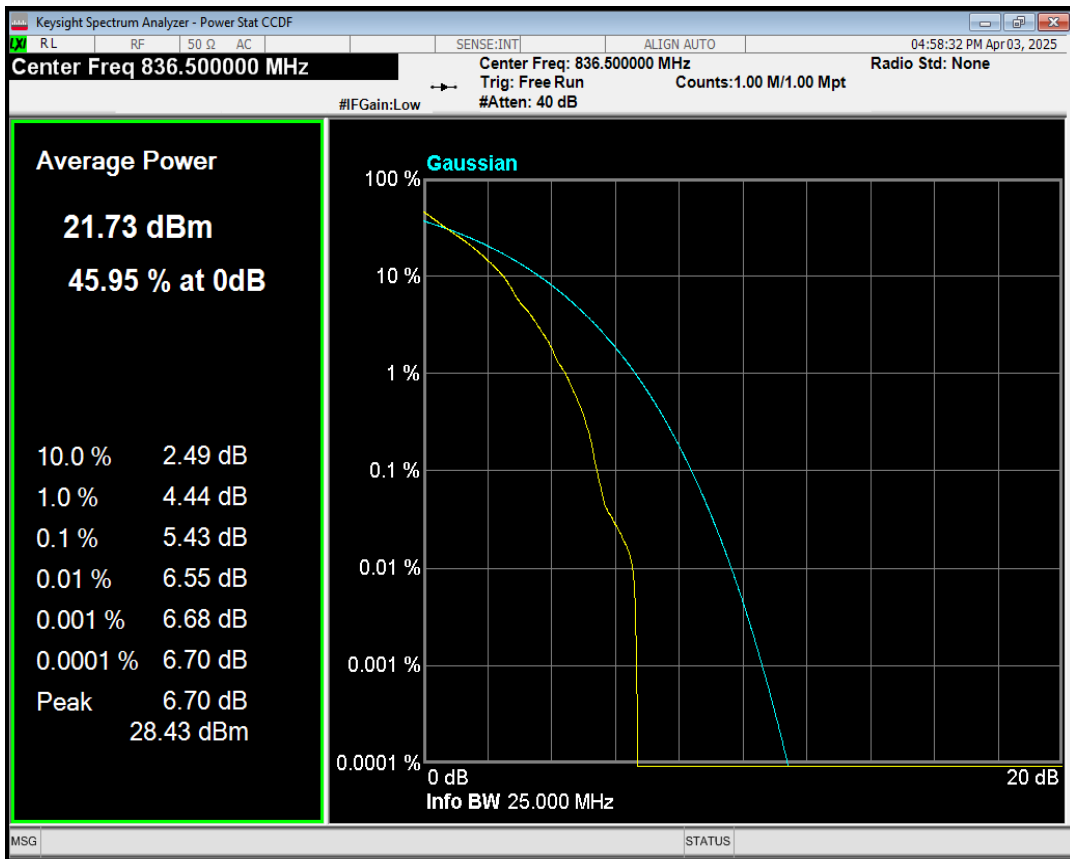
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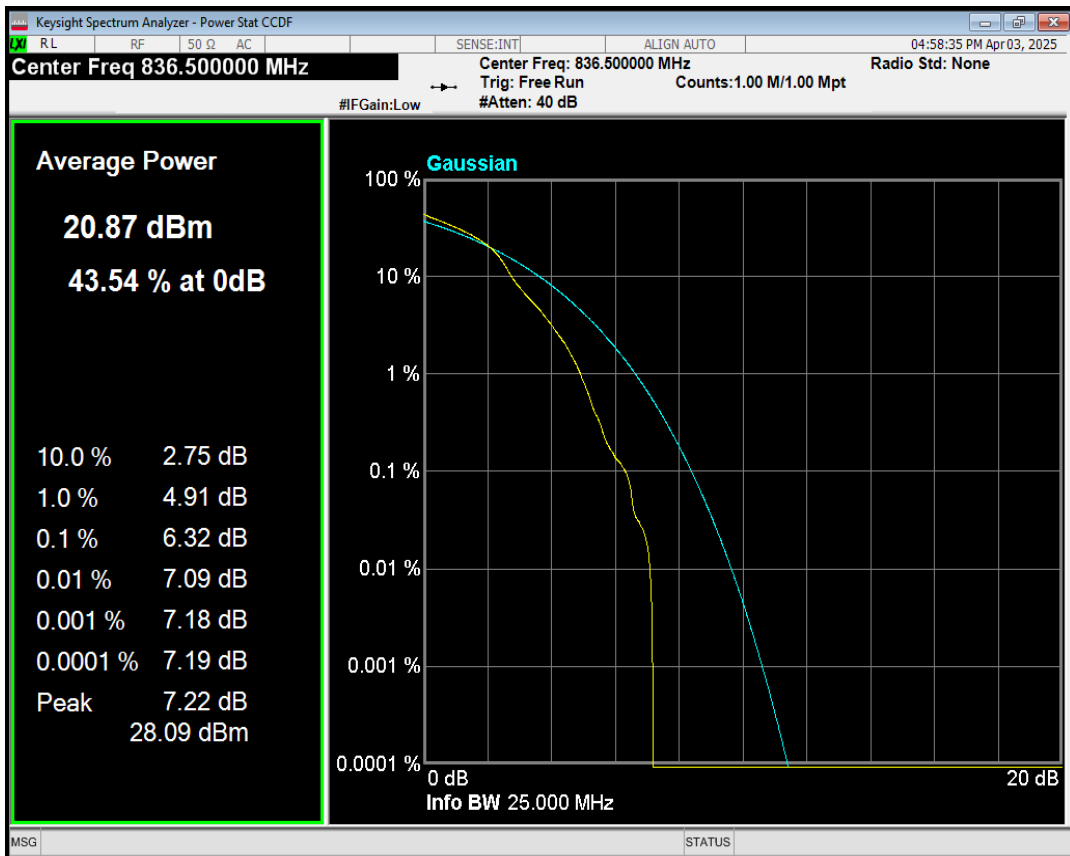
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Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



Band5 QAM16 BW=10MHz Channel=20525 RB Size=1 Position=#0

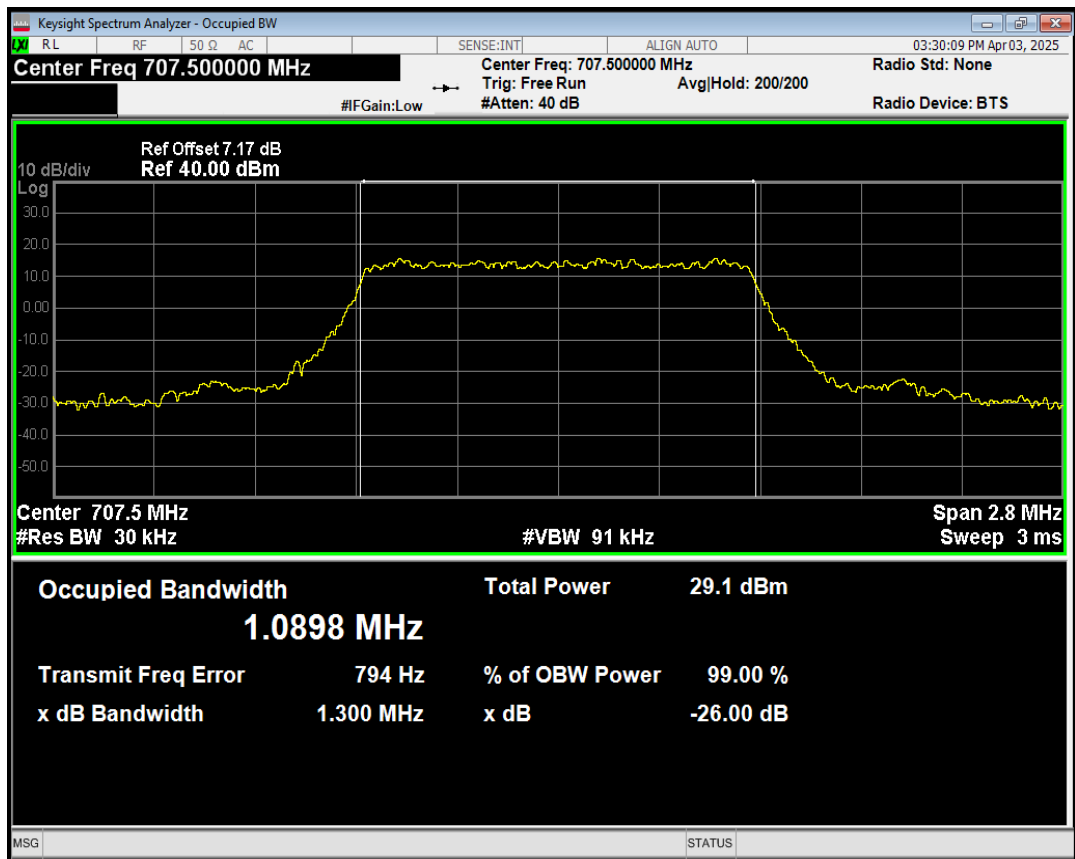


04 Occupied bandwidth

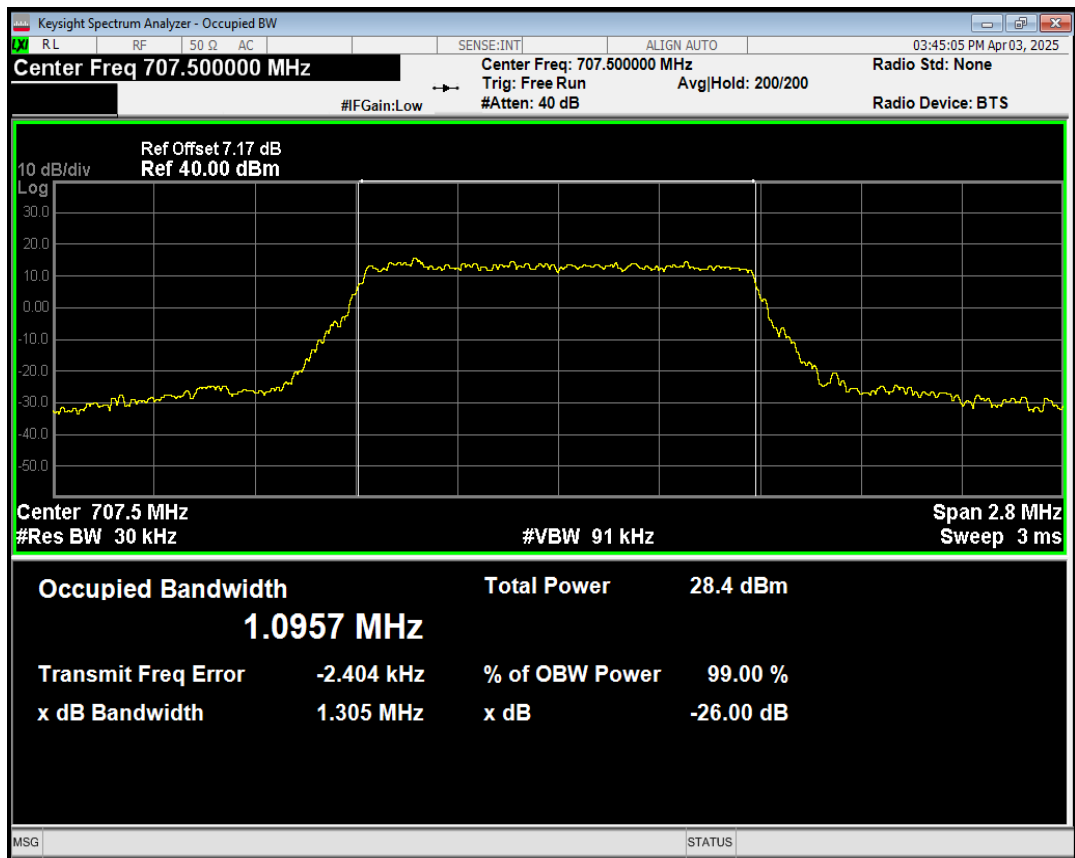
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band12	1.4	23095	6	#0	QPSK	1.090	1.300	PASS
Band12	1.4	23095	6	#0	QAM16	1.096	1.305	PASS
Band12	3	23095	15	#0	QPSK	2.698	2.969	PASS
Band12	3	23095	15	#0	QAM16	2.711	3.013	PASS
Band12	5	23095	25	#0	QPSK	4.508	4.883	PASS
Band12	5	23095	25	#0	QAM16	4.489	4.890	PASS
Band12	10	23095	50	#0	QPSK	8.957	9.734	PASS
Band12	10	23095	1	#0	QAM16	1.182	1.435	PASS
Band13	5	23230	25	#0	QPSK	4.518	5.076	PASS
Band13	5	23230	25	#0	QAM16	4.536	5.104	PASS
Band13	10	23230	50	#0	QPSK	9.018	9.893	PASS
Band13	10	23230	1	#0	QAM16	1.081	1.372	PASS
Band2	1.4	18900	6	#0	QPSK	1.093	1.283	PASS
Band2	1.4	18900	6	#0	QAM16	1.097	1.255	PASS
Band2	3	18900	15	#0	QPSK	2.703	2.954	PASS
Band2	3	18900	15	#0	QAM16	2.704	2.978	PASS
Band2	5	18900	25	#0	QPSK	4.530	5.006	PASS
Band2	5	18900	25	#0	QAM16	4.504	5.000	PASS
Band2	10	18900	50	#0	QPSK	8.970	9.914	PASS
Band2	10	18900	1	#0	QAM16	1.176	1.458	PASS
Band2	15	18900	75	#0	QPSK	13.437	14.674	PASS
Band2	15	18900	1	#0	QAM16	1.635	2.169	PASS
Band2	20	18900	100	#0	QPSK	17.965	19.471	PASS
Band2	20	18900	1	#0	QAM16	2.141	2.925	PASS
Band4	1.4	20175	6	#0	QPSK	1.095	1.282	PASS
Band4	1.4	20175	6	#0	QAM16	1.097	1.318	PASS
Band4	3	20175	15	#0	QPSK	2.705	2.984	PASS
Band4	3	20175	15	#0	QAM16	2.695	2.952	PASS
Band4	5	20175	25	#0	QPSK	4.521	5.029	PASS
Band4	5	20175	25	#0	QAM16	4.510	4.979	PASS
Band4	10	20175	50	#0	QPSK	8.964	9.820	PASS
Band4	10	20175	1	#0	QAM16	1.152	1.505	PASS
Band4	15	20175	75	#0	QPSK	13.467	14.509	PASS
Band4	15	20175	1	#0	QAM16	1.478	2.075	PASS
Band4	20	20175	100	#0	QPSK	17.907	19.228	PASS
Band4	20	20175	1	#0	QAM16	2.016	2.605	PASS
Band5	1.4	20525	6	#0	QPSK	1.094	1.298	PASS
Band5	1.4	20525	6	#0	QAM16	1.102	1.285	PASS
Band5	3	20525	15	#0	QPSK	2.702	2.992	PASS
Band5	3	20525	15	#0	QAM16	2.711	2.963	PASS
Band5	5	20525	25	#0	QPSK	4.505	4.935	PASS
Band5	5	20525	25	#0	QAM16	4.516	4.936	PASS

Band5	10	20525	50	#0	#0	9.021	9.833	PASS
Band5	10	20525	1	#0	QAM16	1.167	1.645	PASS

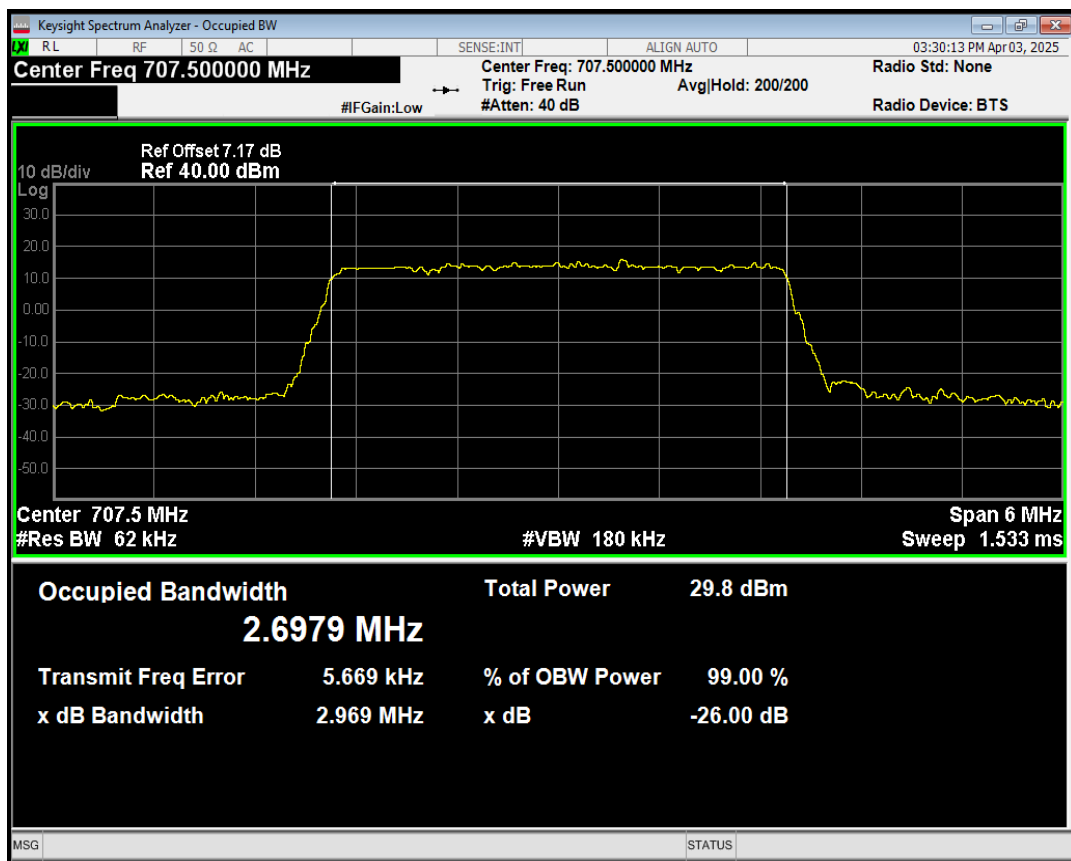
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



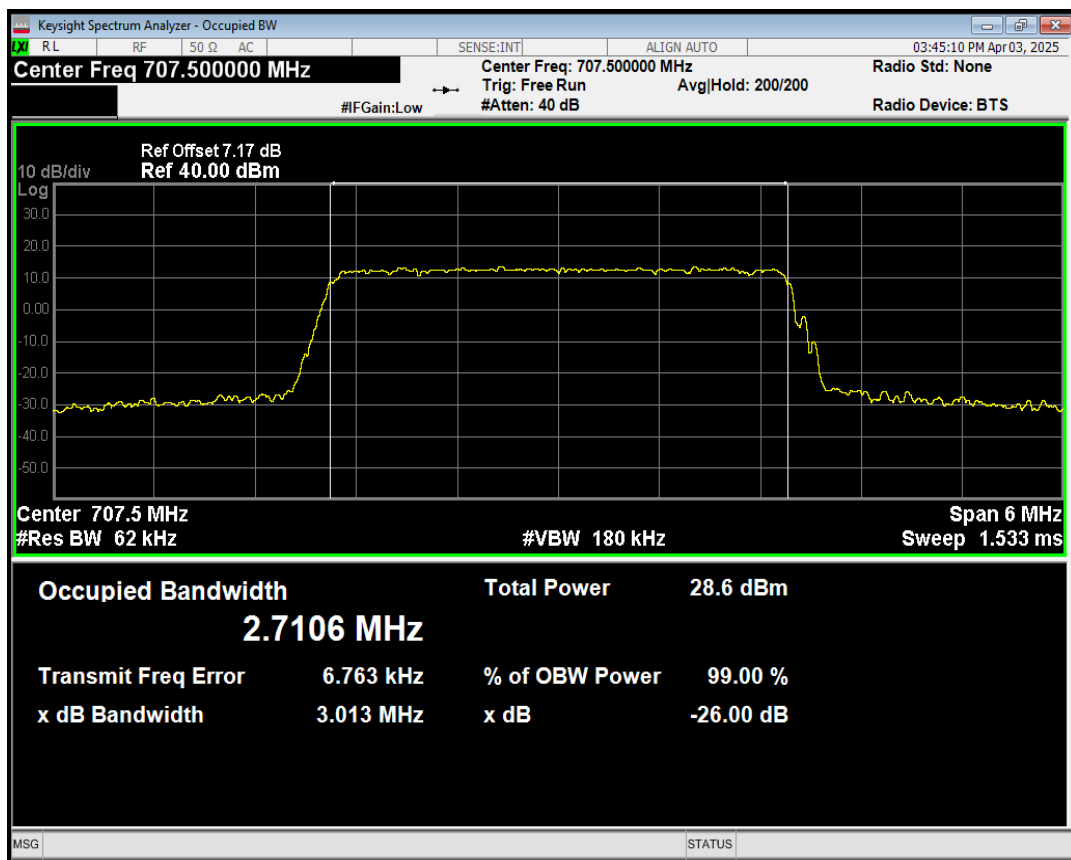
Band12 QAM16 BW=1.4MHz Channel=23095 RB Size=6 Position=#0



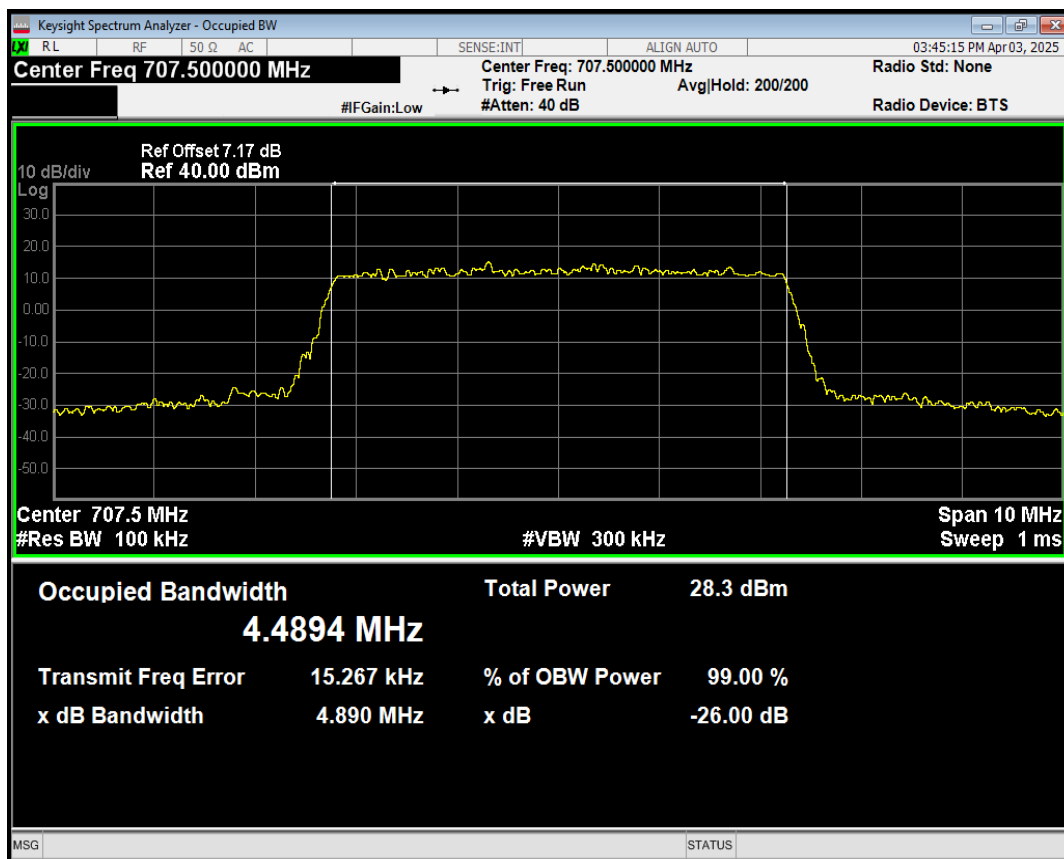
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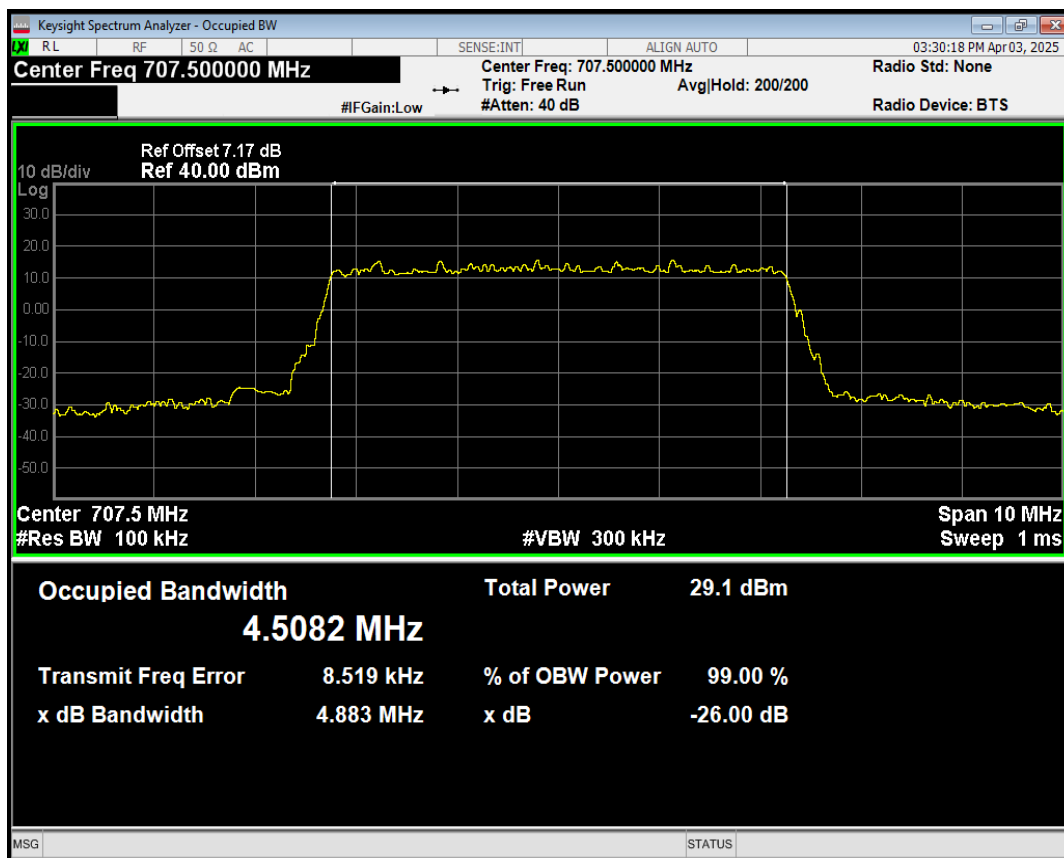
Band12 QAM16 BW=3MHz Channel=23095 RB Size=15 Position=#0



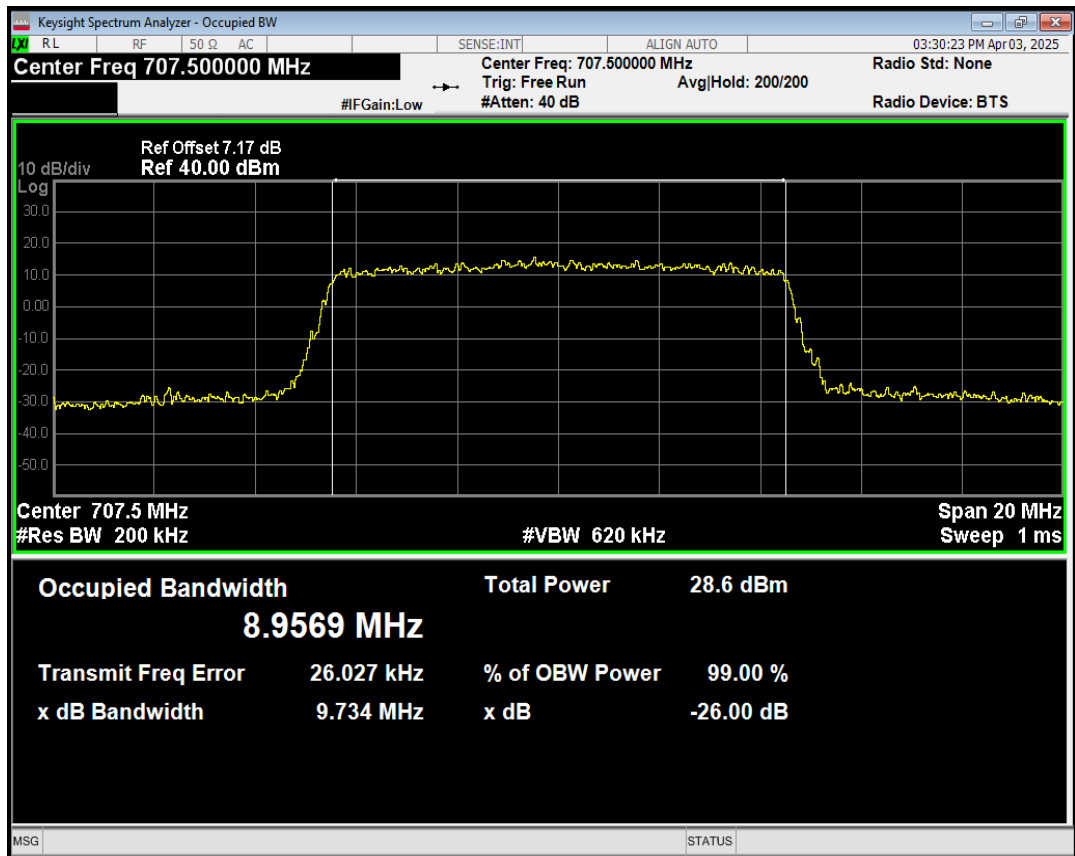
Band12 QAM16 BW=5MHz Channel=23095 RB Size=25 Position=#0



Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



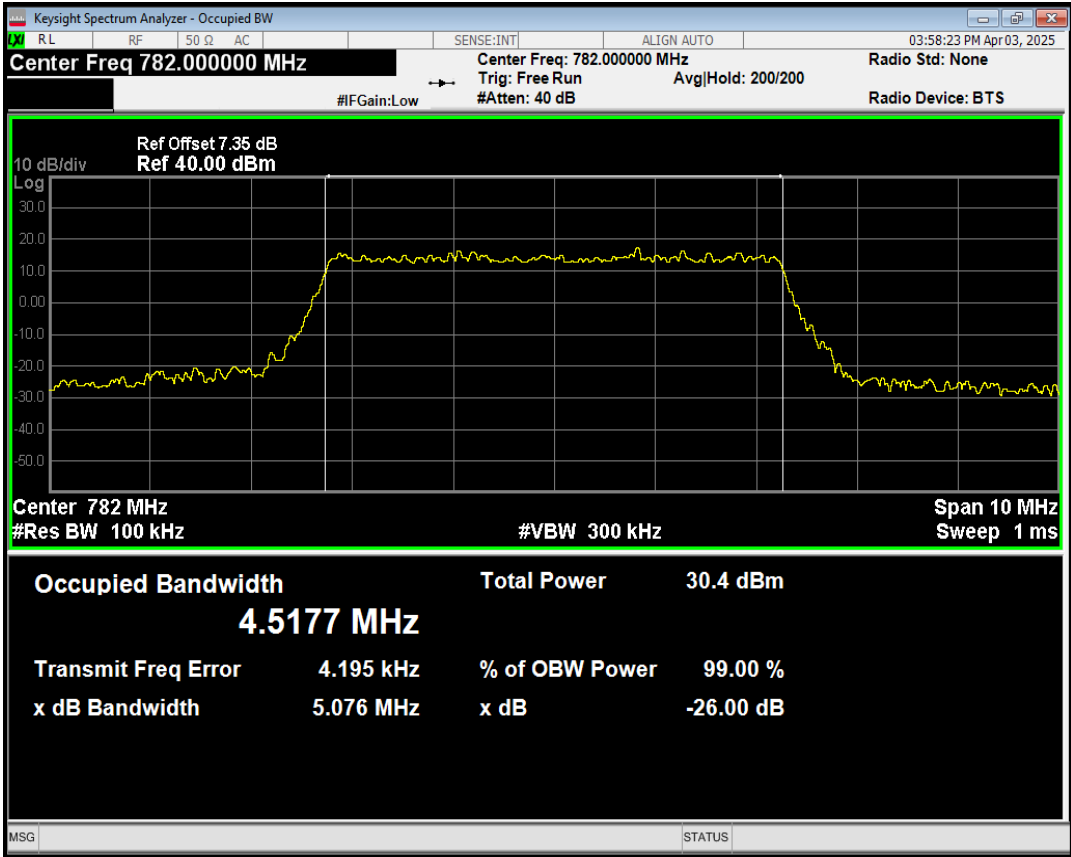
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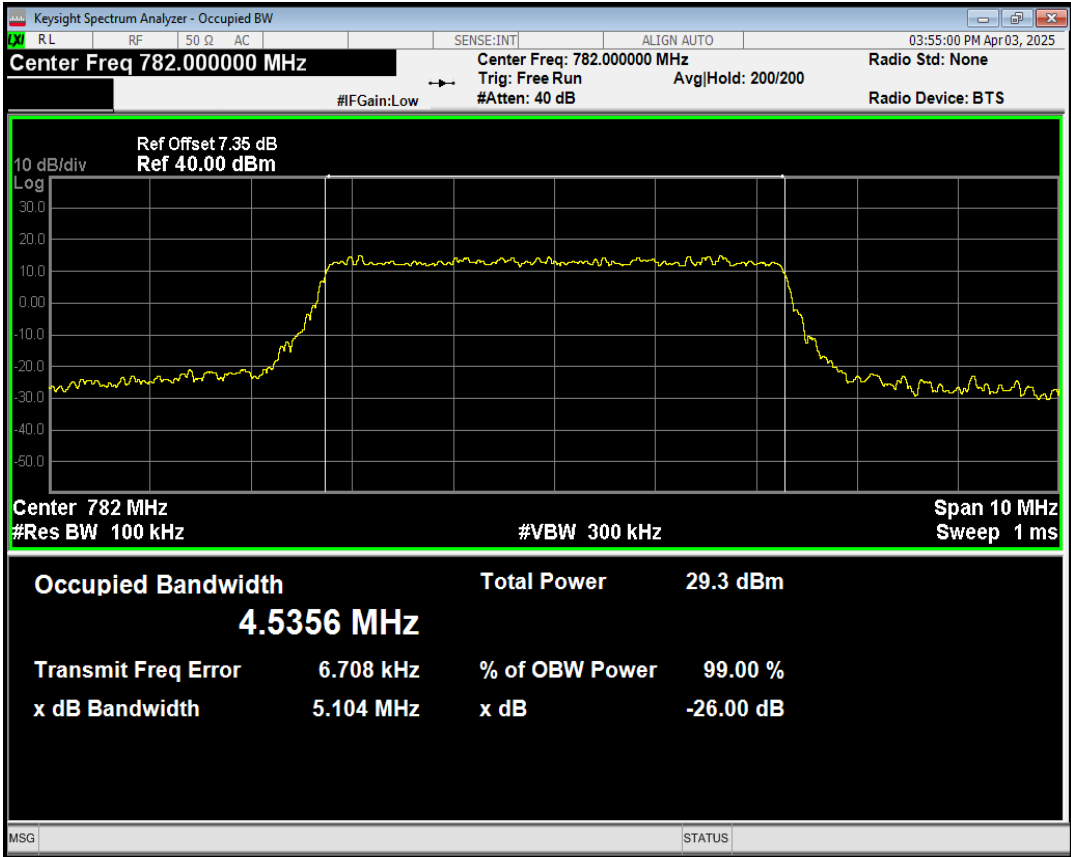
Band12 QAM16 BW=10MHz Channel=23095 RB Size=50 Position=#0



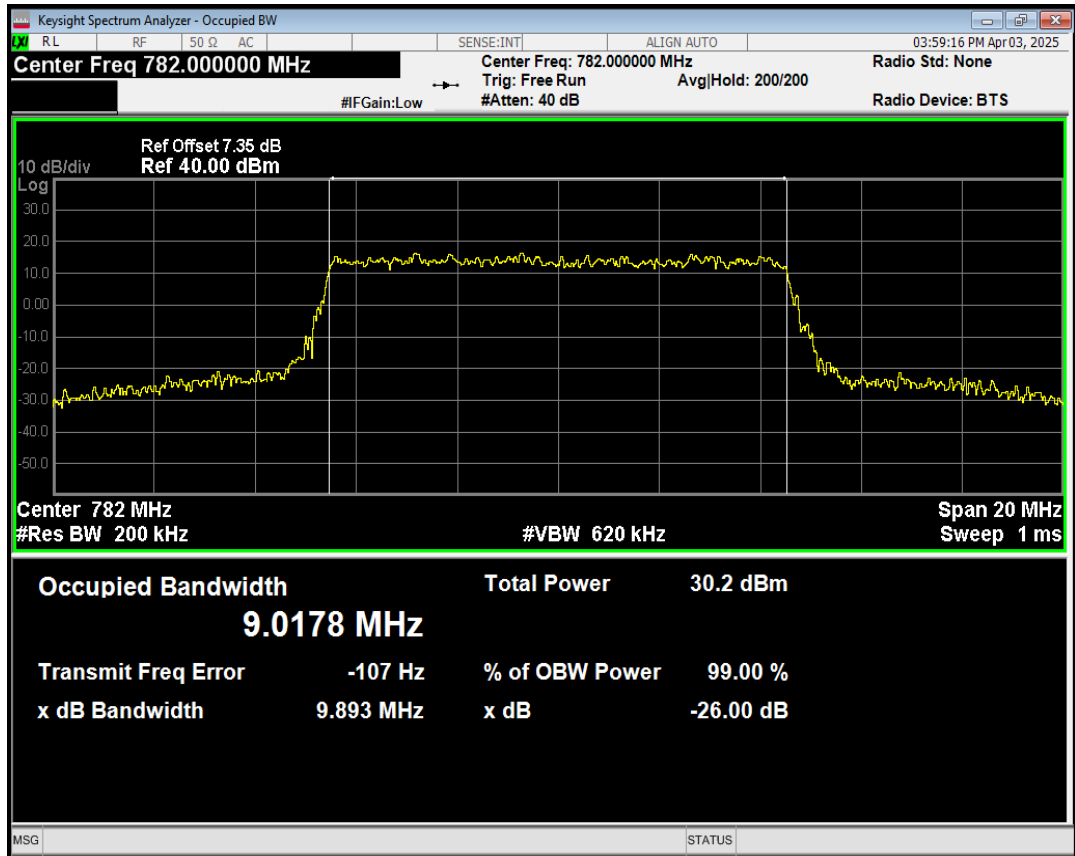
Band13 QPSK BW=5MHz Channel=23230 RB Size=25 Position=#0



Band13 QAM16 BW=5MHz Channel=23230 RB Size=25 Position=#0



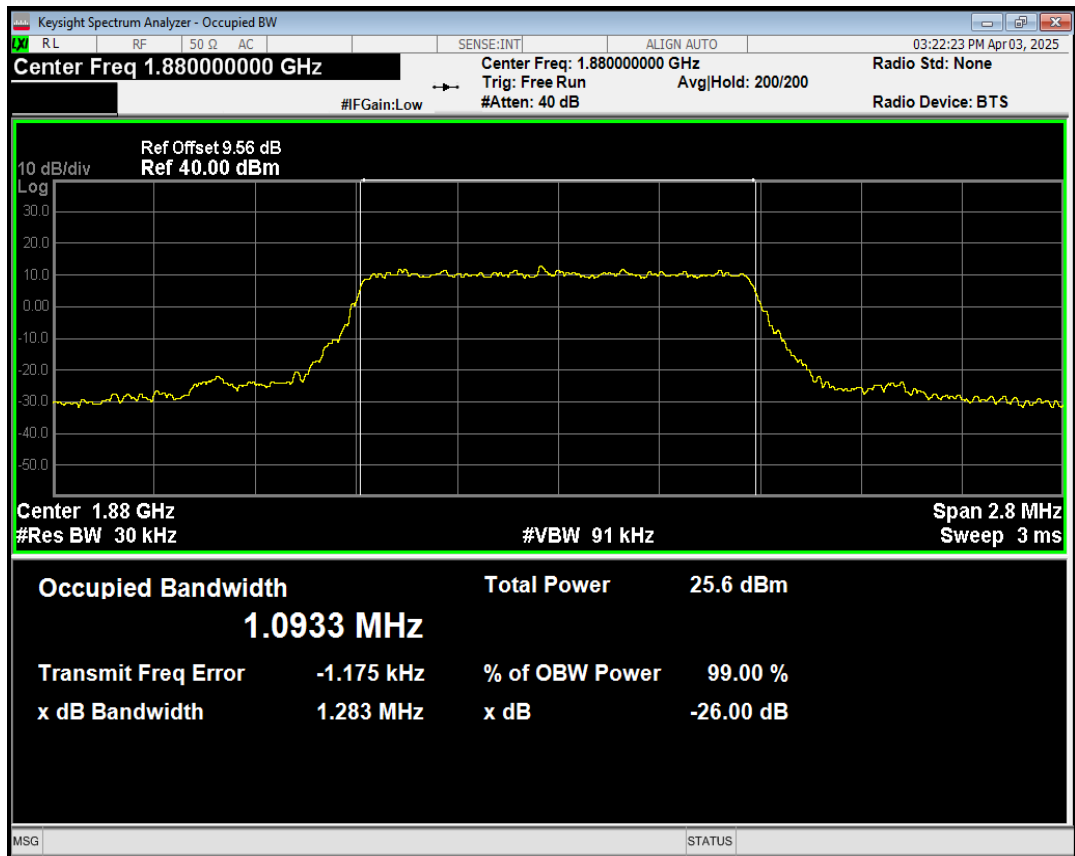
Band13 QPSK BW=10MHz Channel=23230 RB Size=50 Position=#0



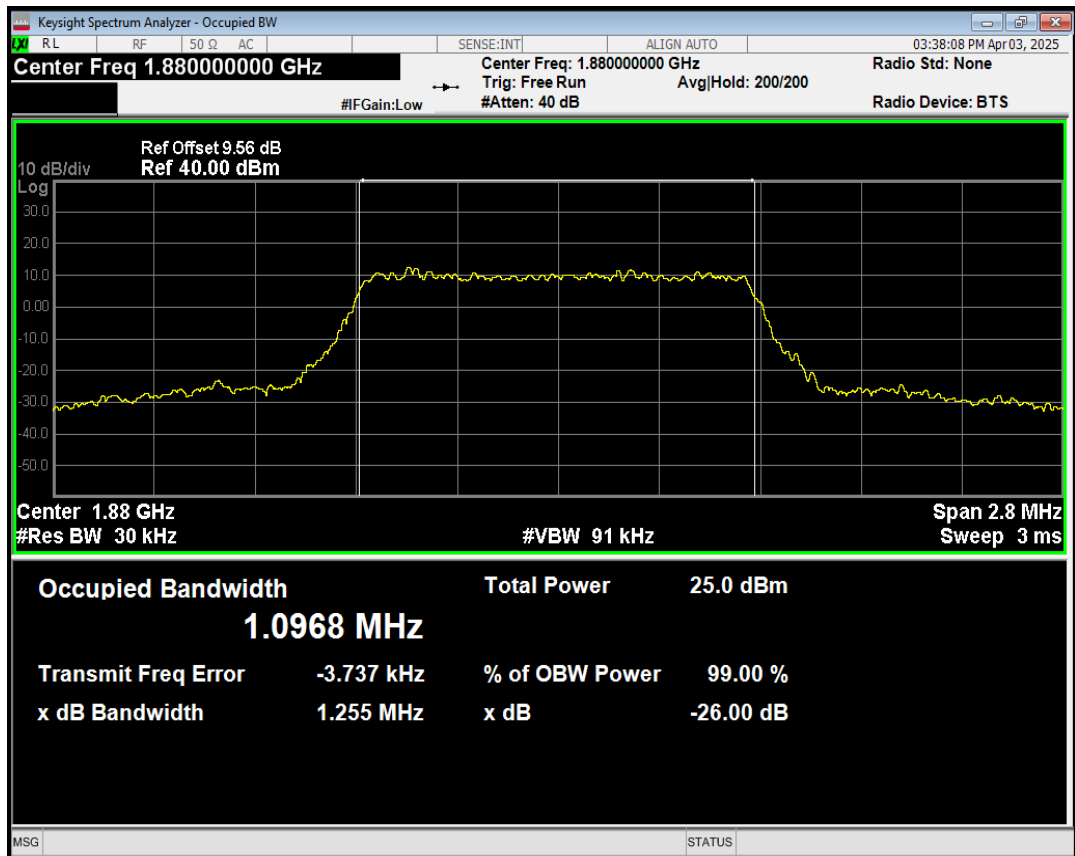
Band13 QAM16 BW=10MHz Channel=23230 RB Size=1 Position=#0



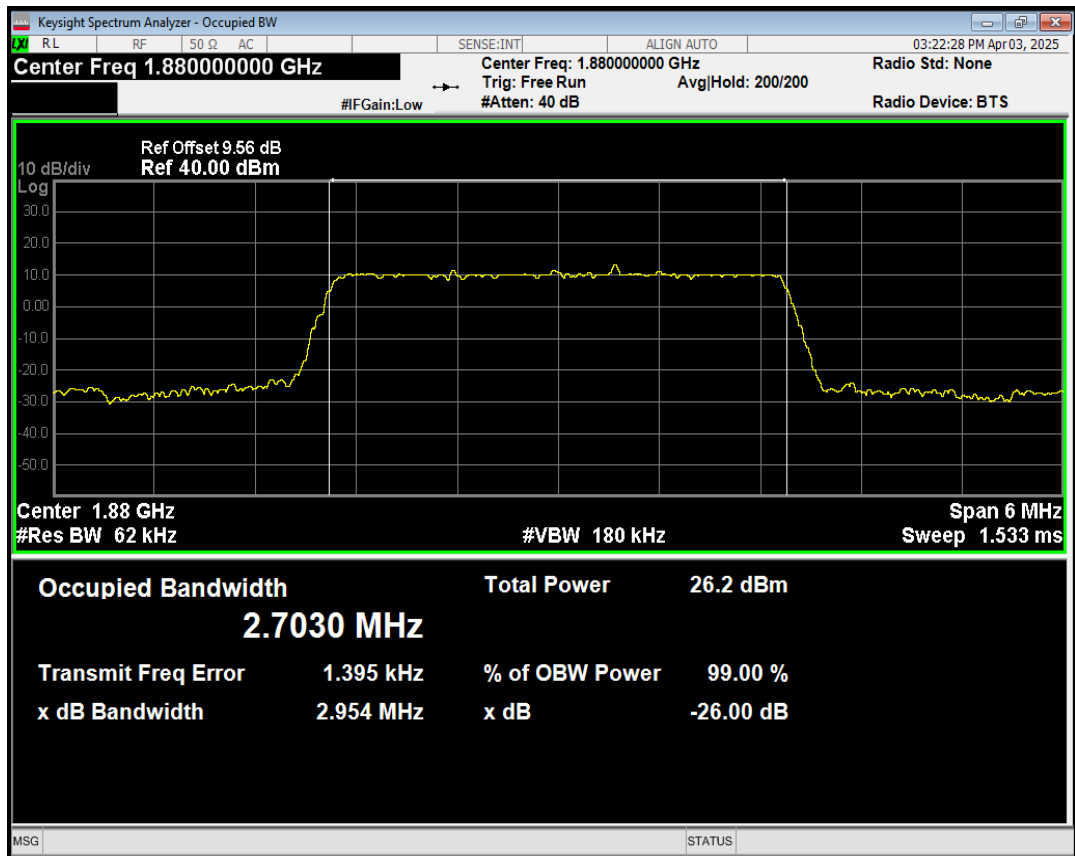
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



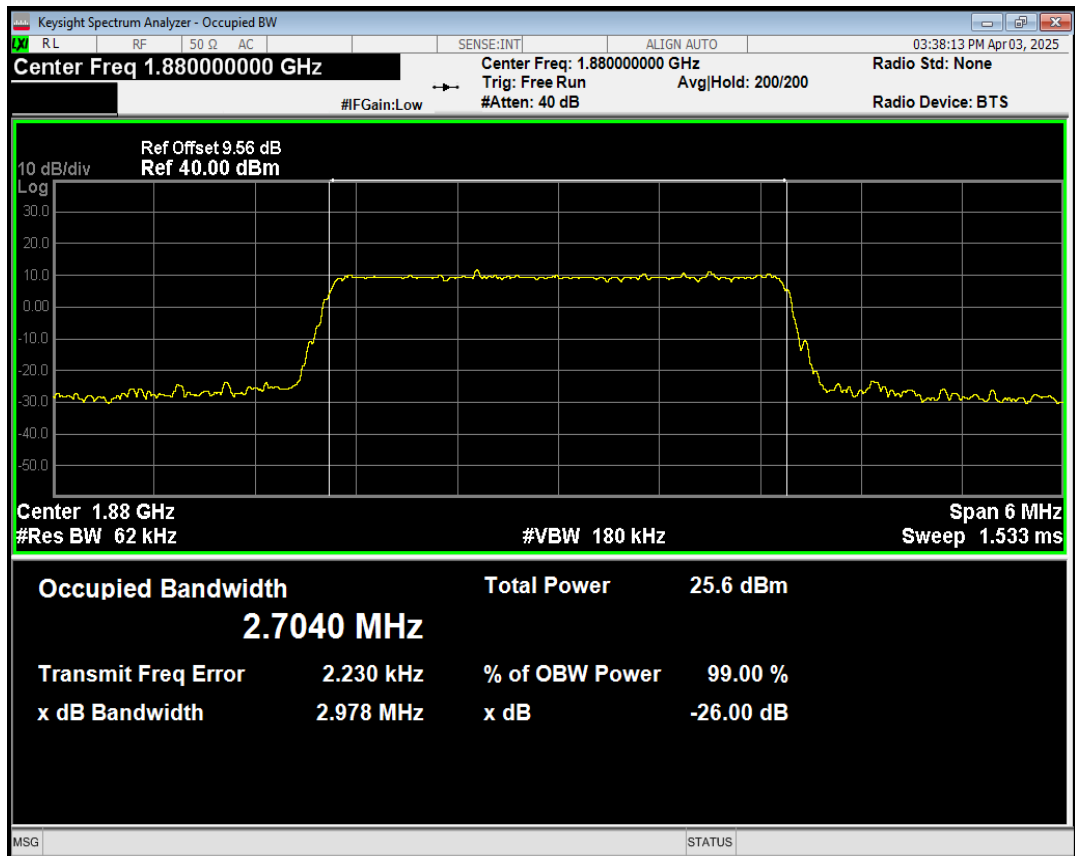
Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=6 Position=#0



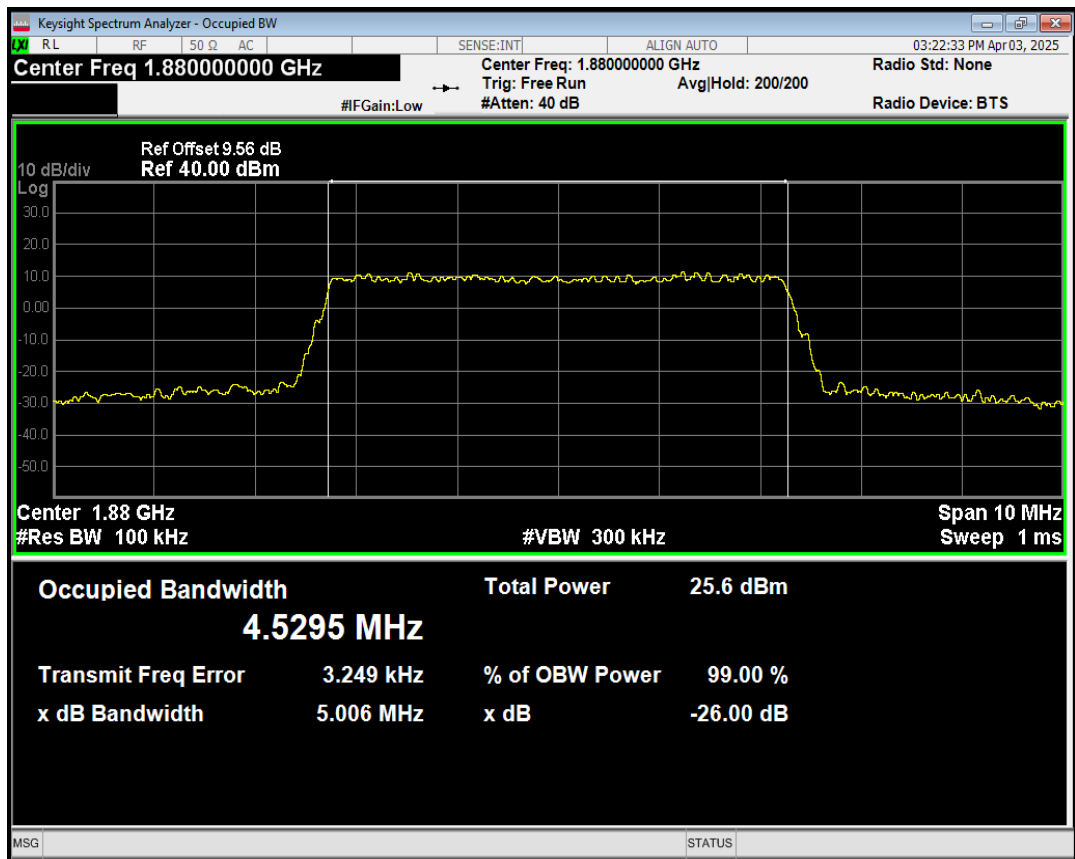
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



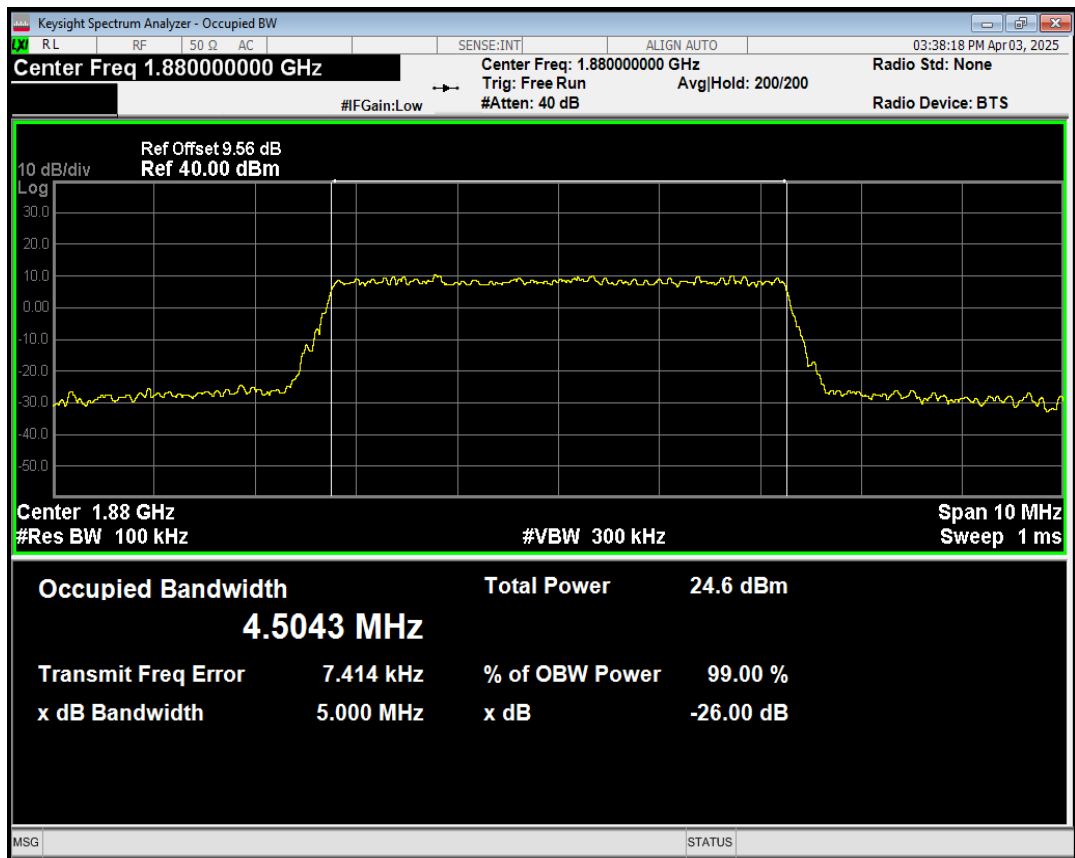
Band2 QAM16 BW=3MHz Channel=18900 RB Size=15 Position=#0



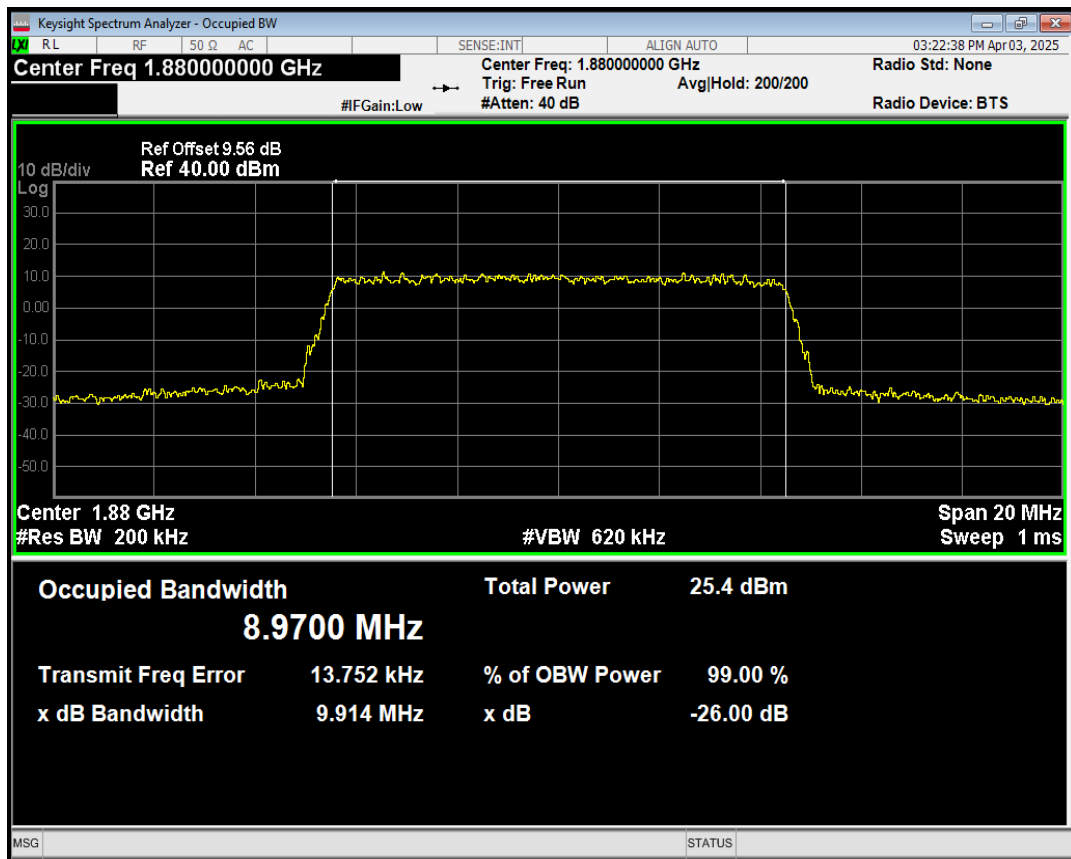
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



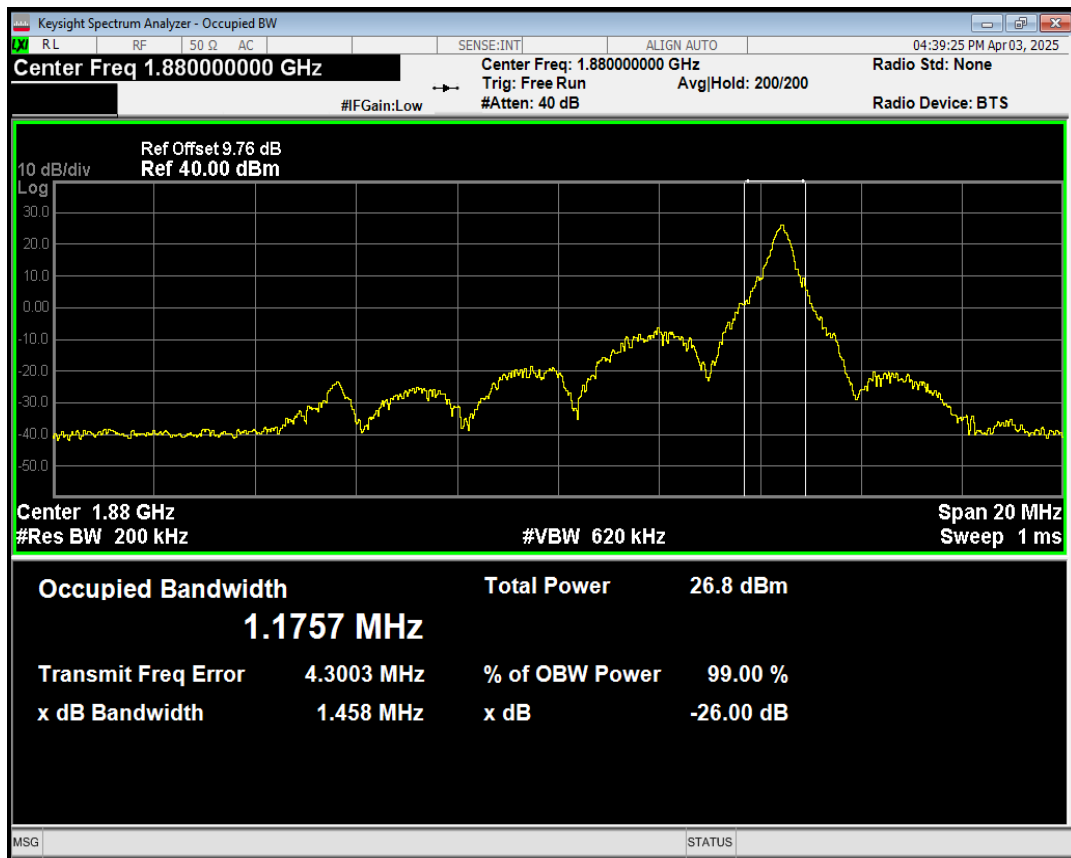
Band2 QAM16 BW=5MHz Channel=18900 RB Size=25 Position=#0



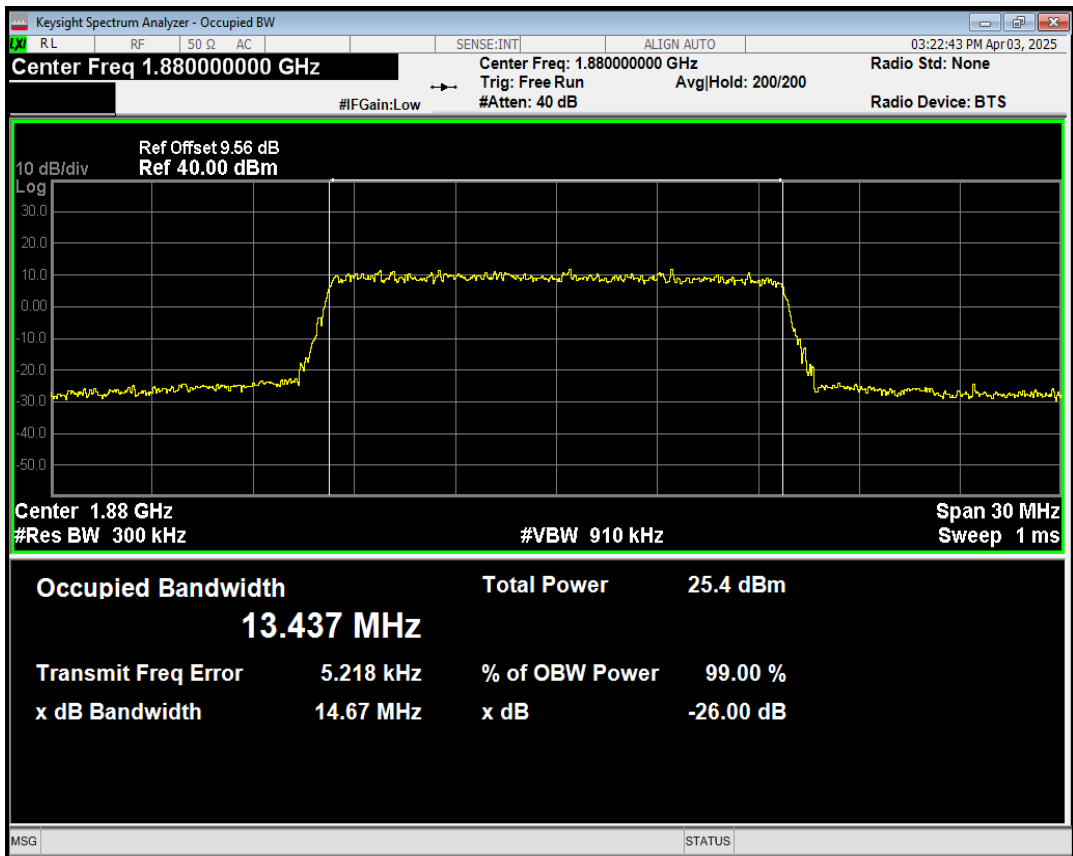
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



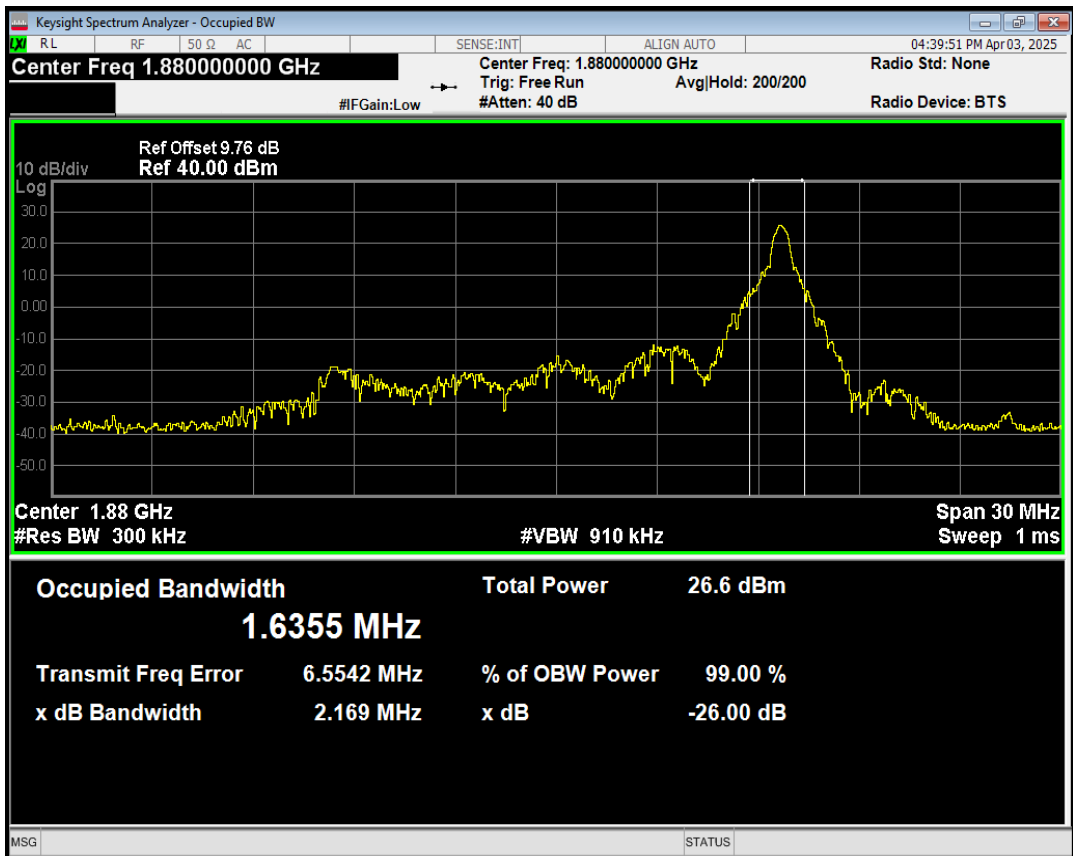
Band2 QAM16 BW=10MHz Channel=18900 RB Size=1 Position=#0



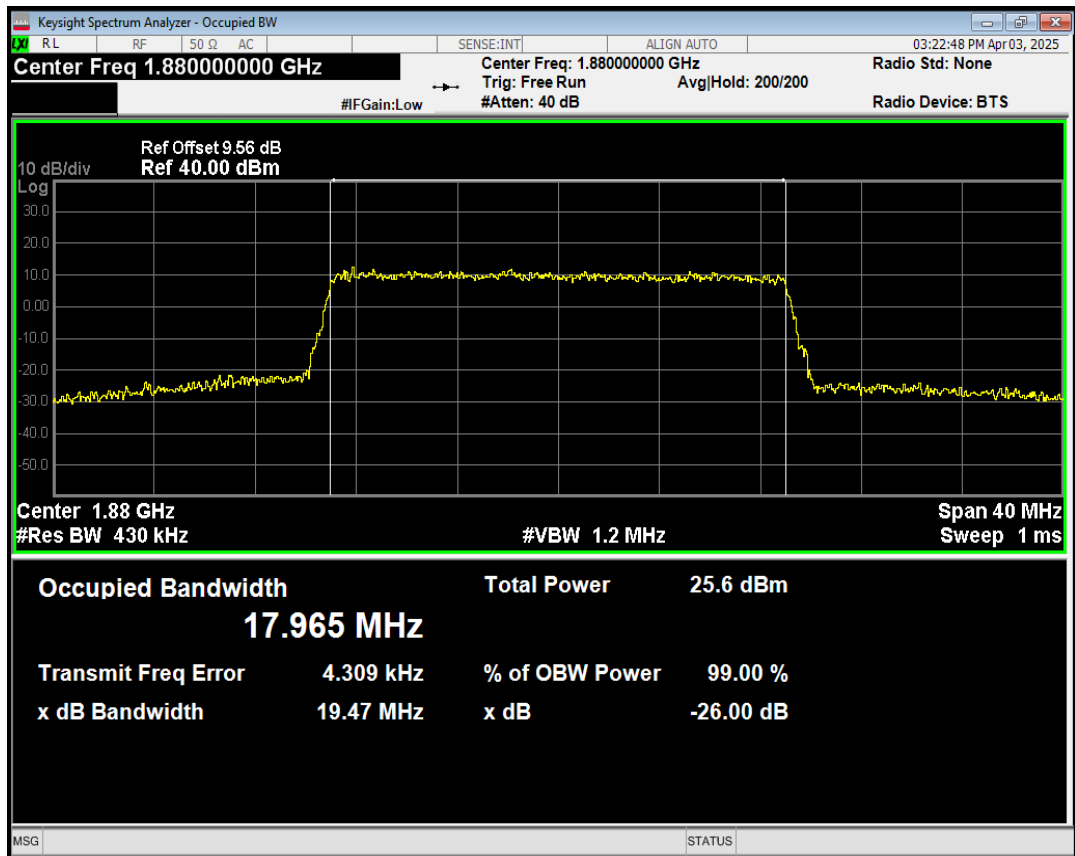
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



Band2 QAM16 BW=15MHz Channel=18900 RB Size=1 Position=#0



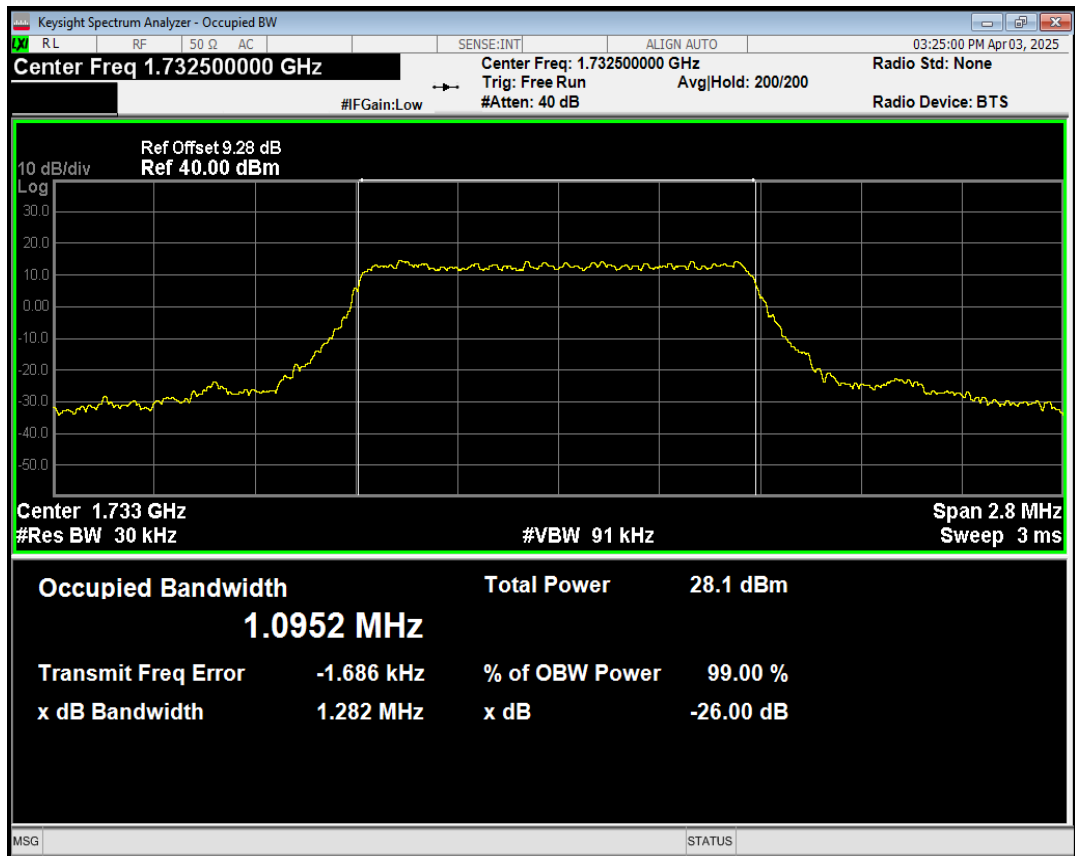
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



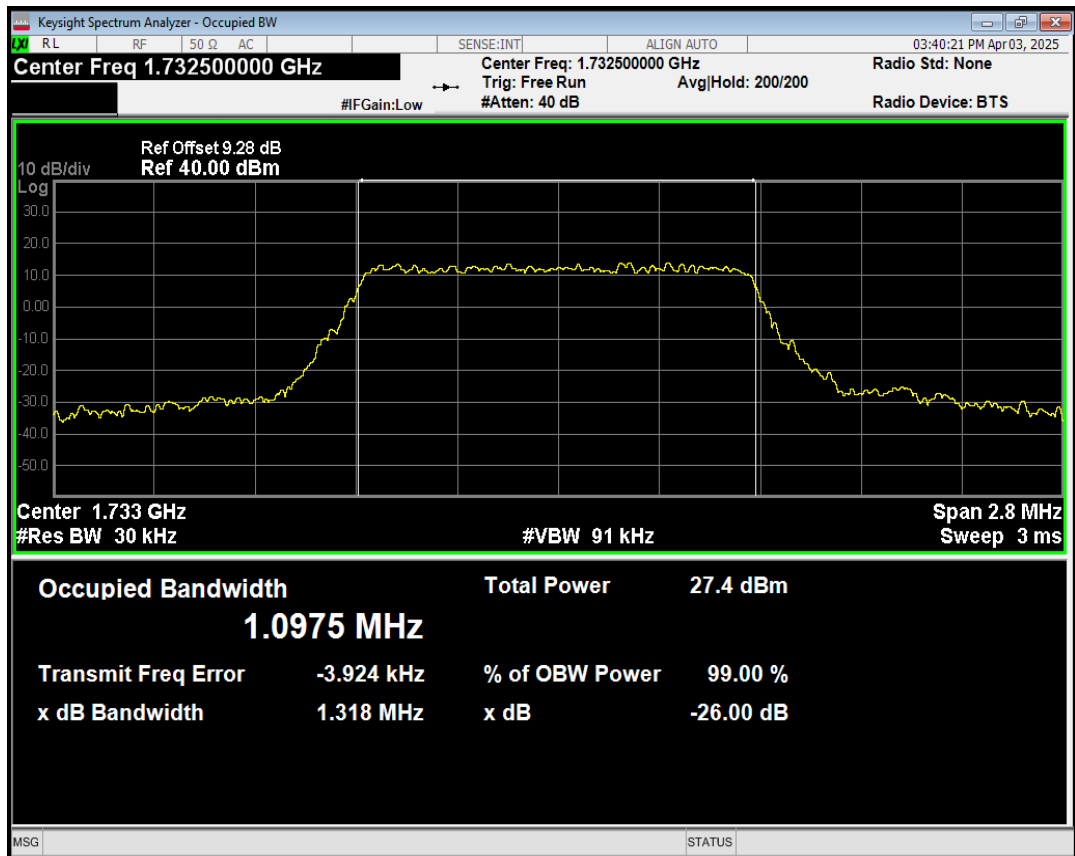
Band2 QAM16 BW=20MHz Channel=18900 RB Size=1 Position=#0



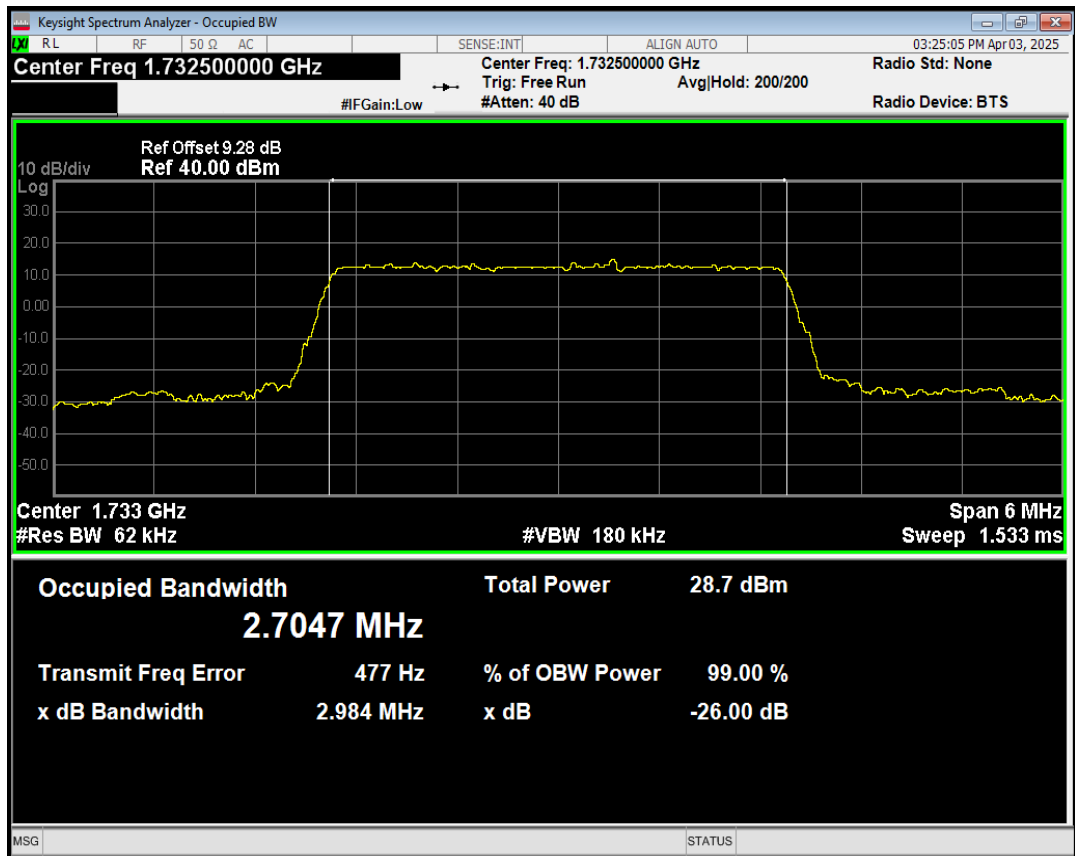
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



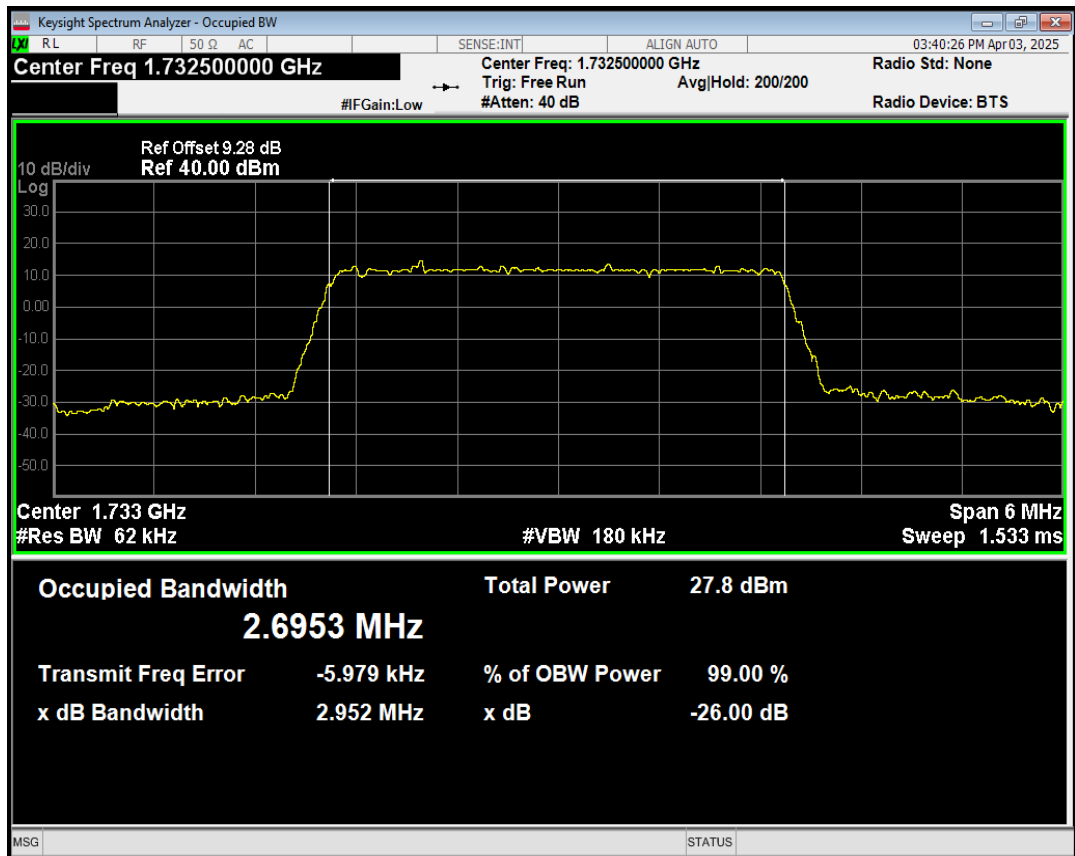
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0



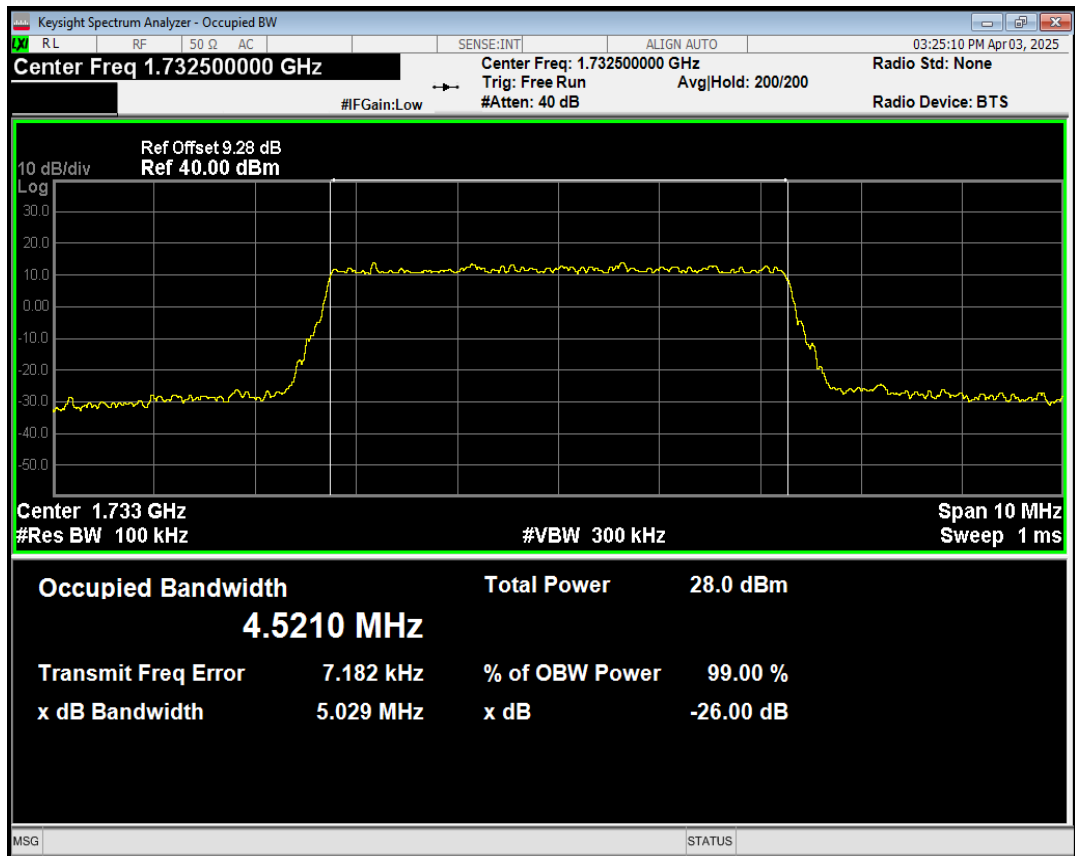
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



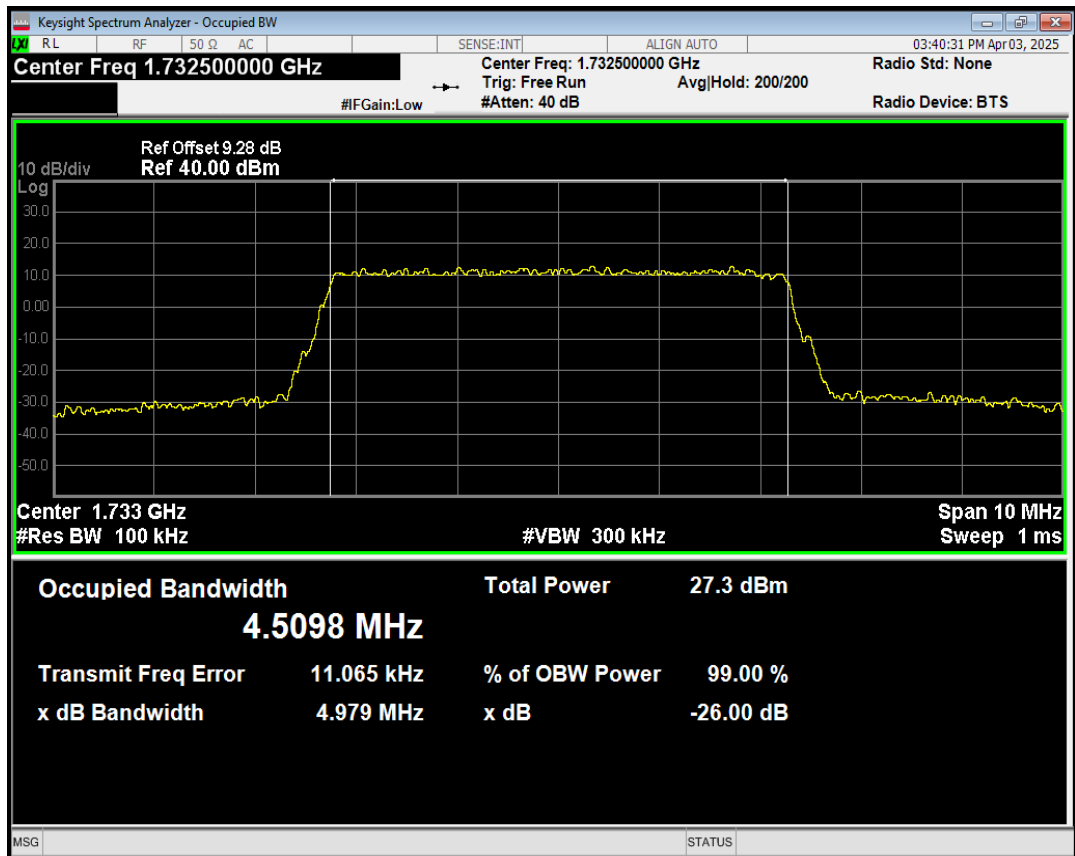
Band4 QAM16 BW=3MHz Channel=20175 RB Size=15 Position=#0



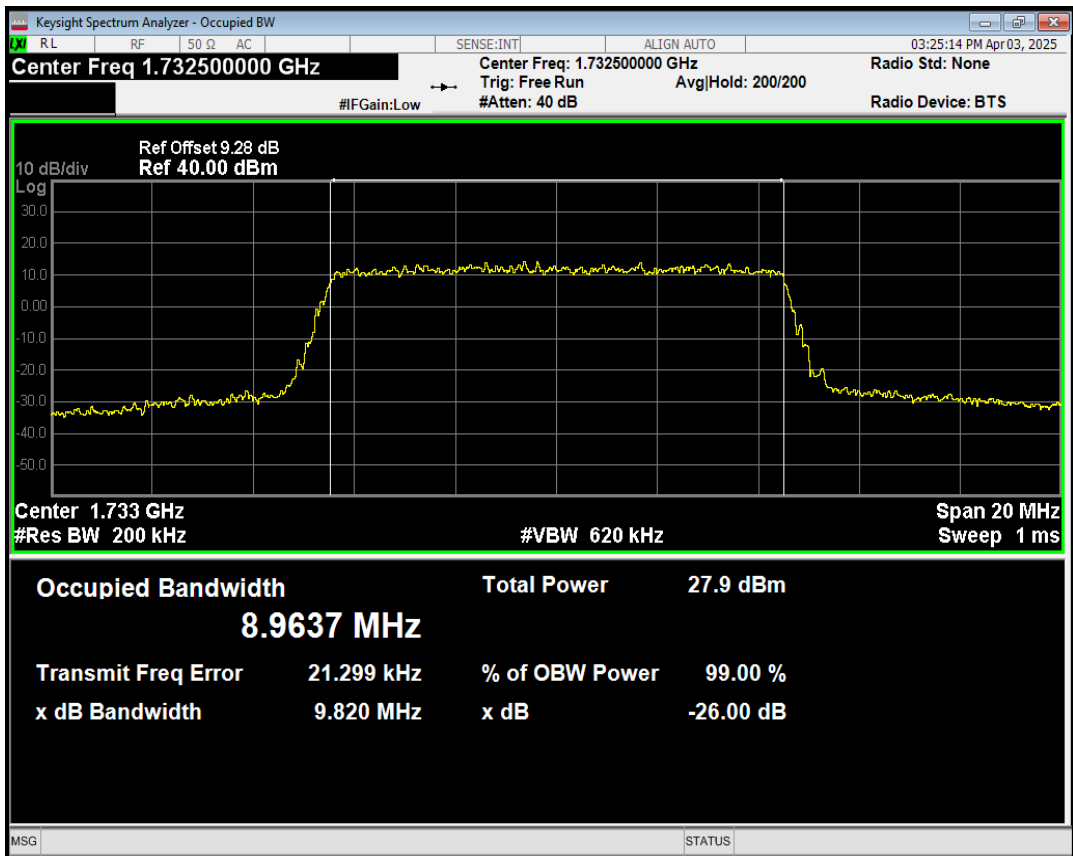
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



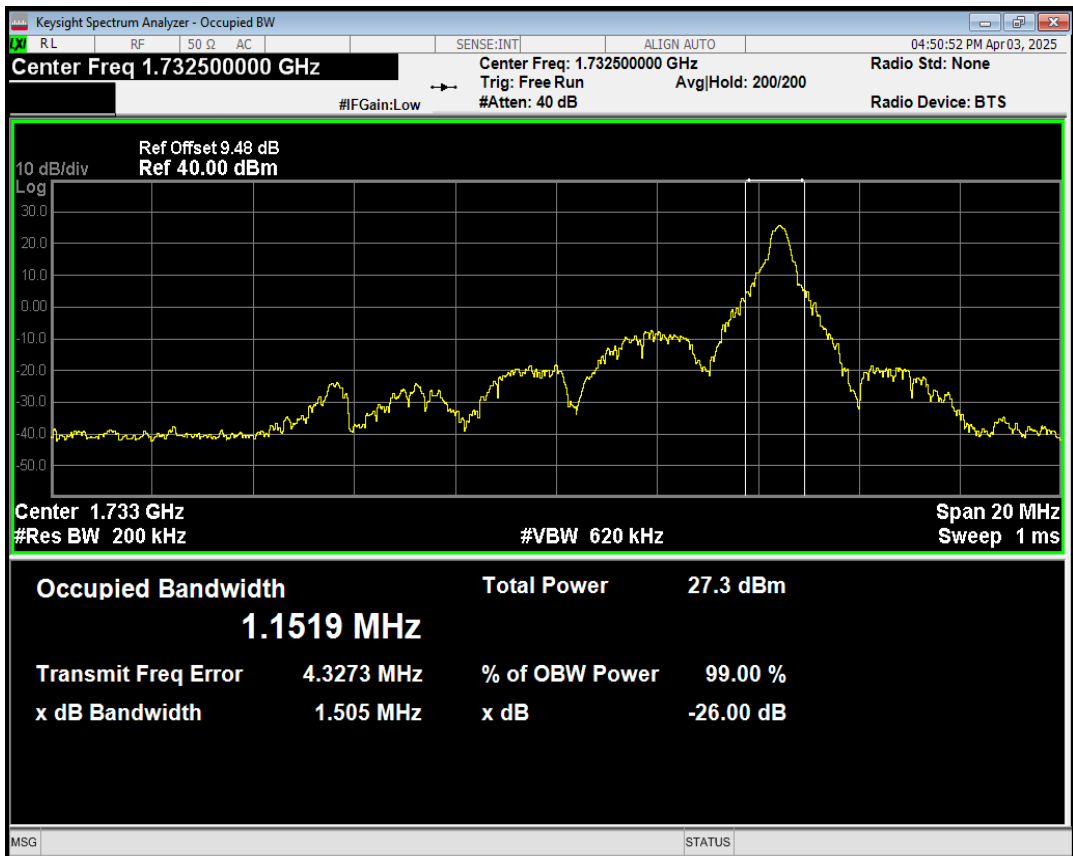
Band4 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0



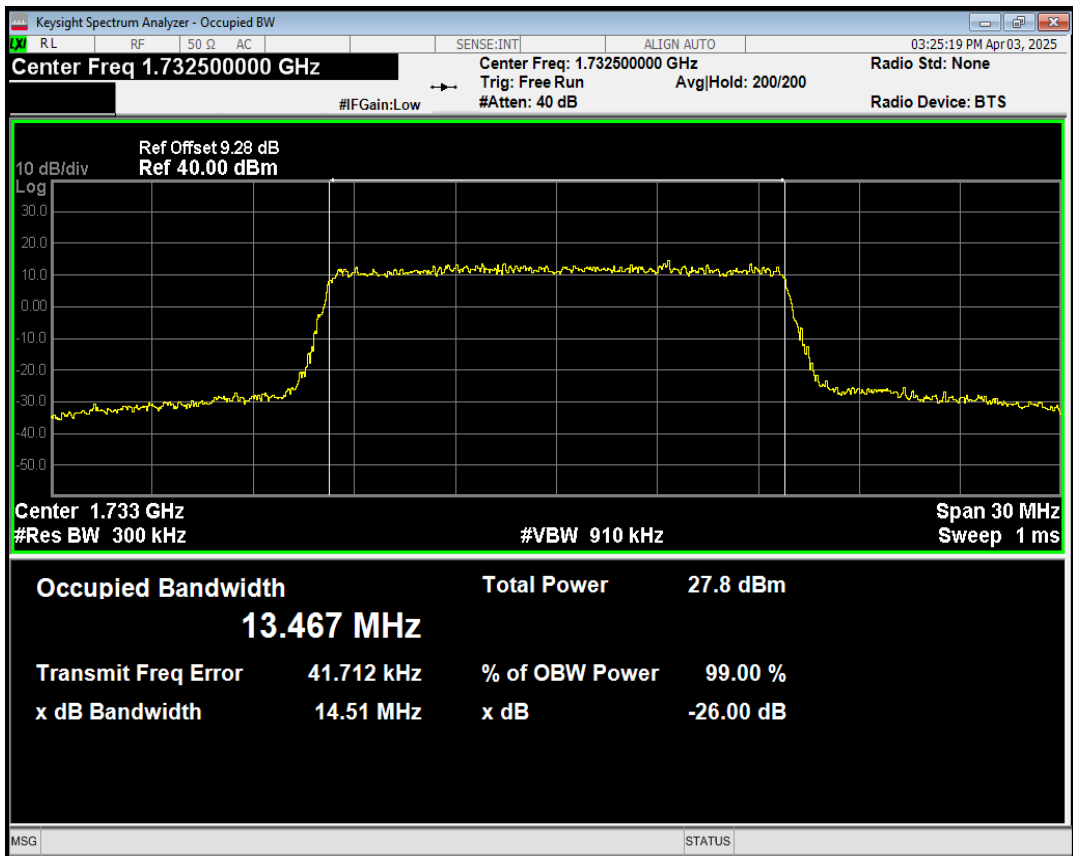
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



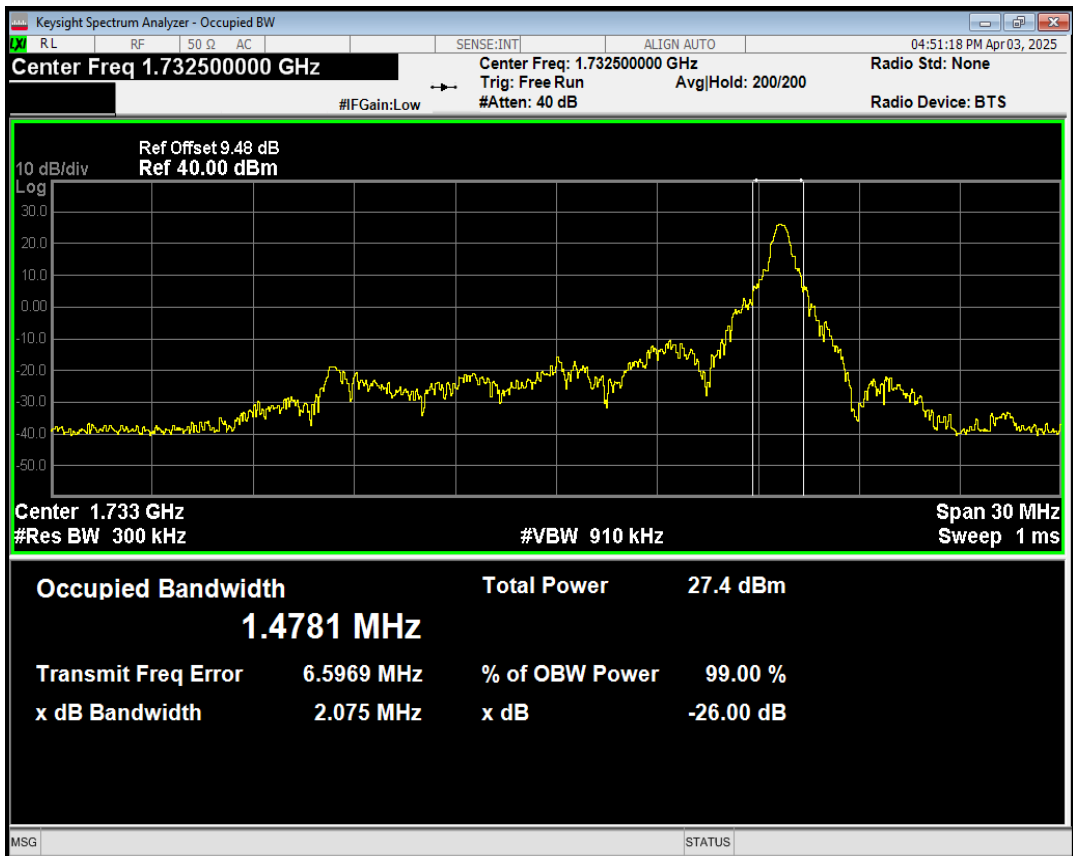
Band4 QAM16 BW=10MHz Channel=20175 RB Size=1 Position=#0



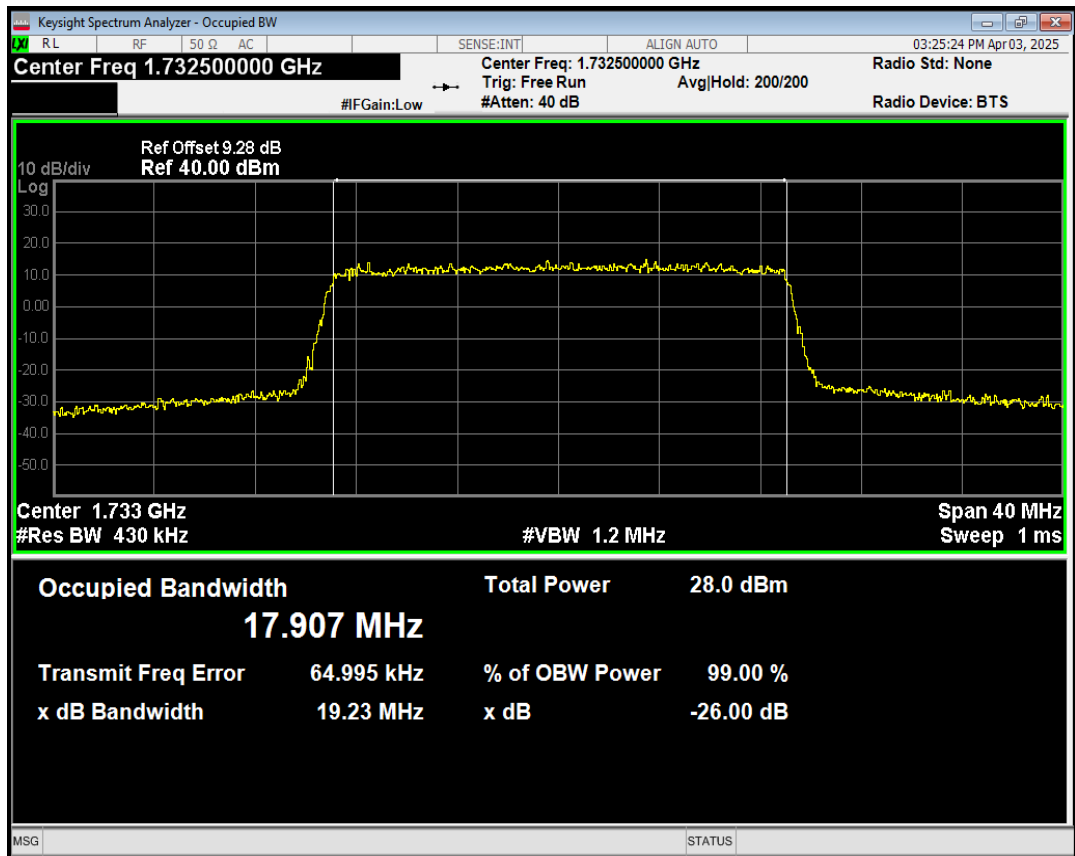
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



Band4 QAM16 BW=15MHz Channel=20175 RB Size=1 Position=#0



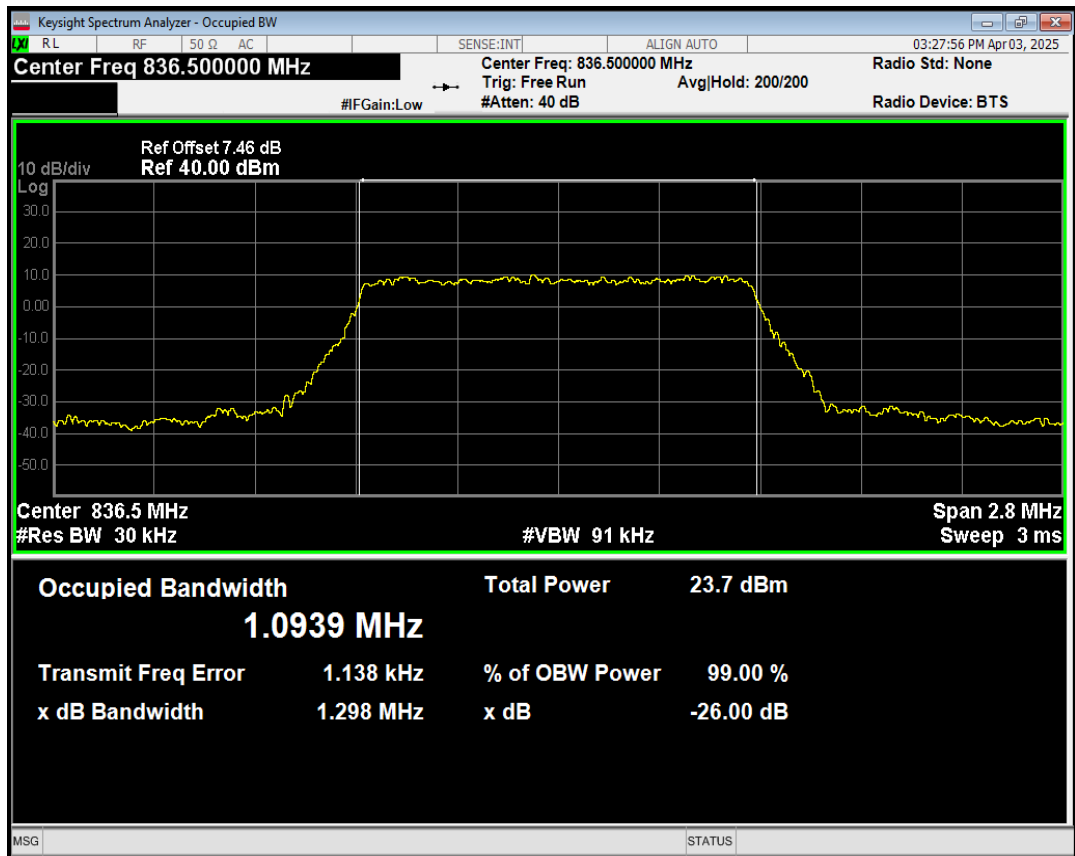
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



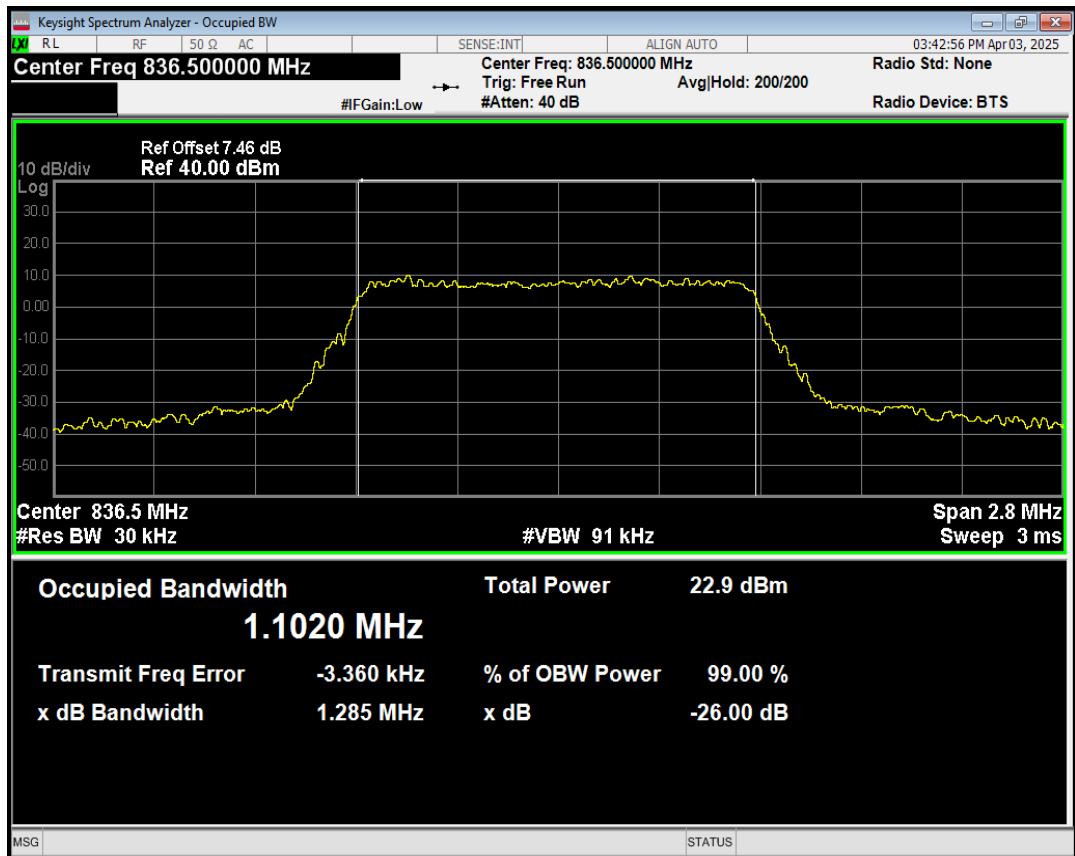
Band4 QAM16 BW=20MHz Channel=20175 RB Size=1 Position=#0



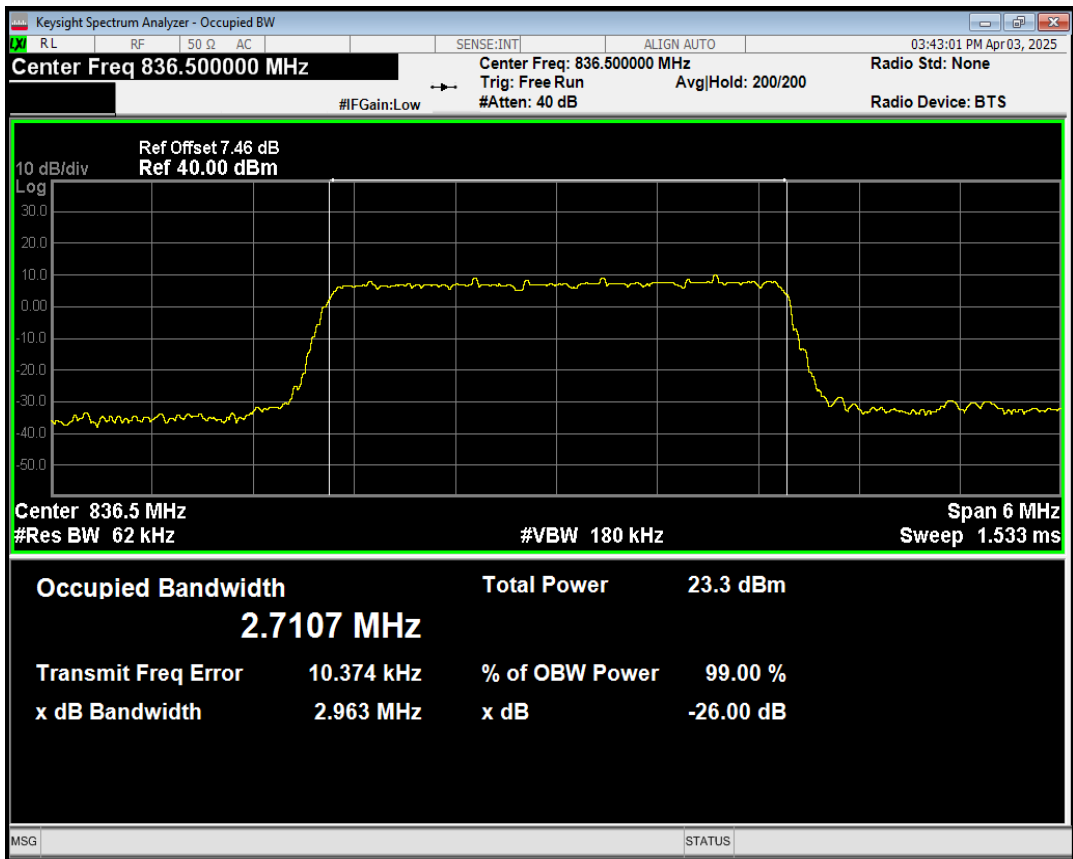
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



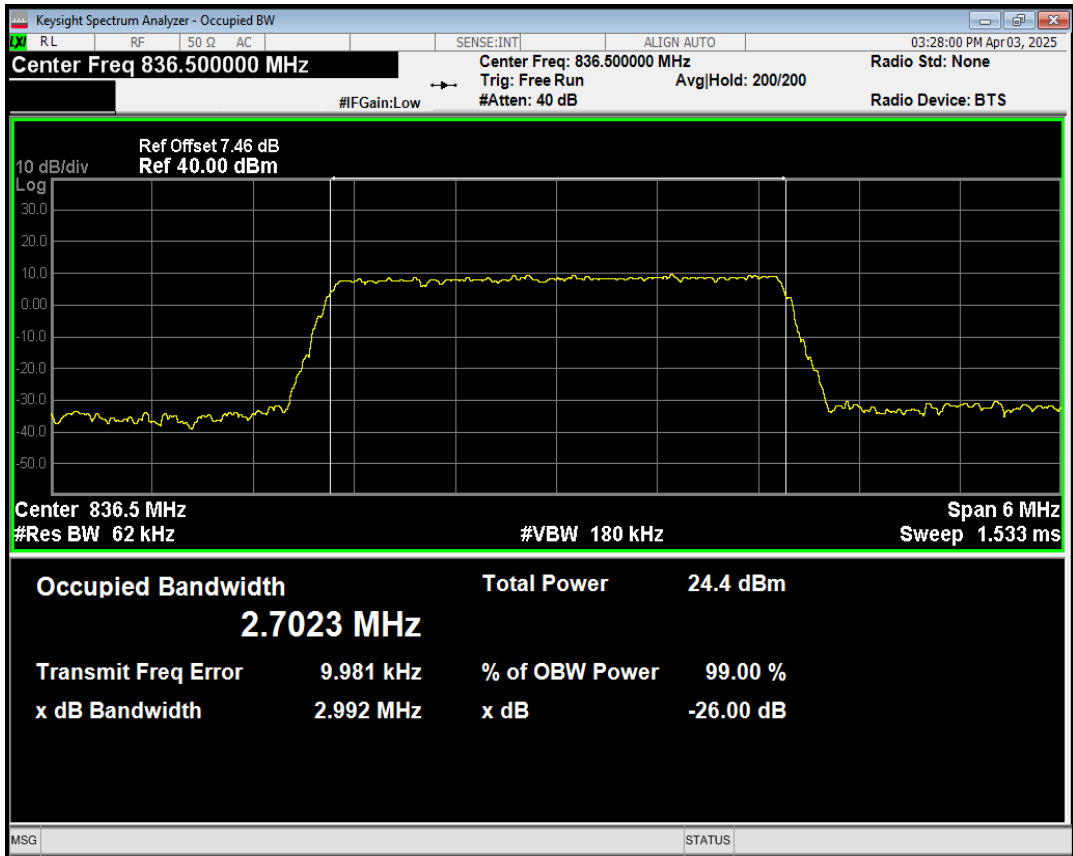
Band5 QAM16 BW=1.4MHz Channel=20525 RB Size=6 Position=#0



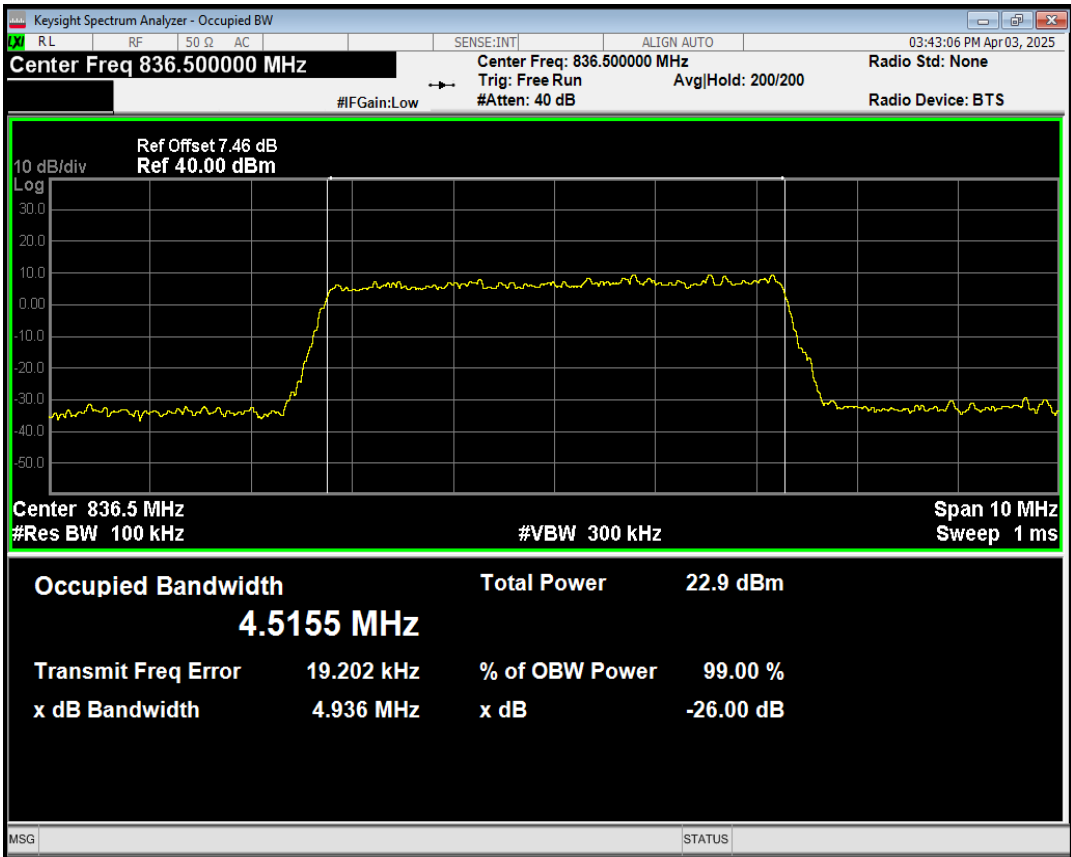
Band5 QAM16 BW=3MHz Channel=20525 RB Size=15 Position=#0



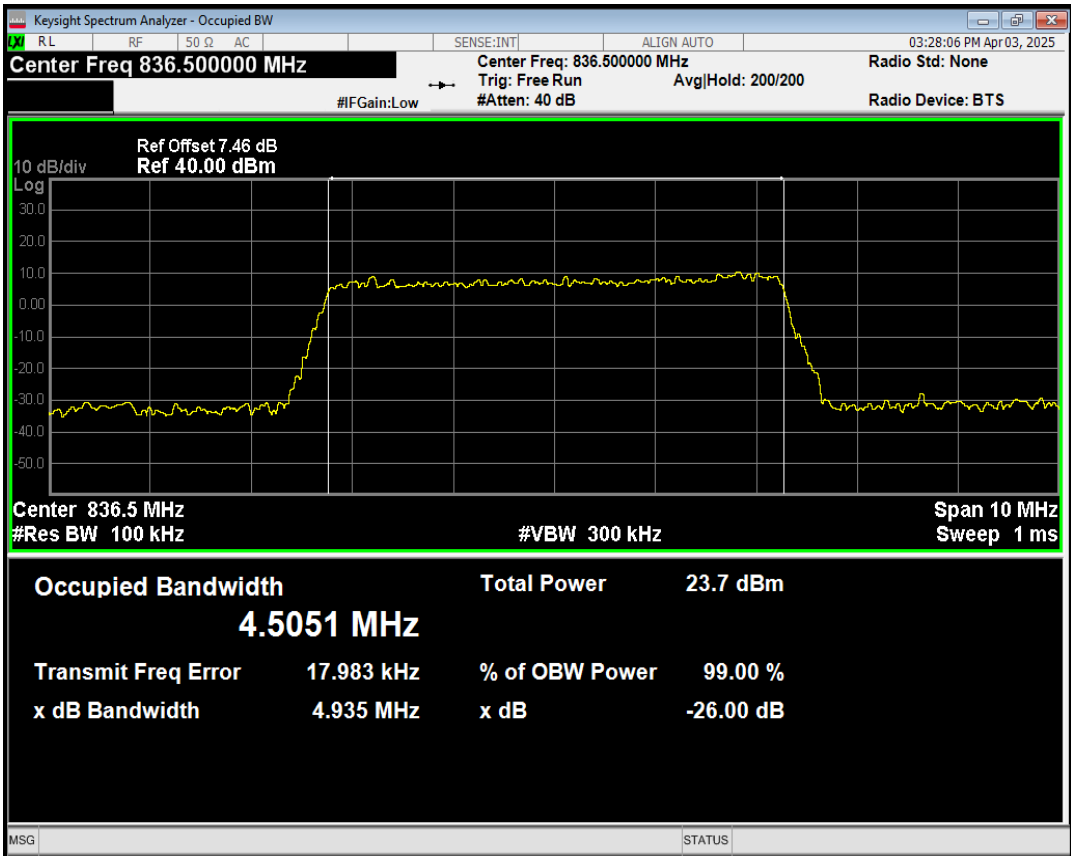
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



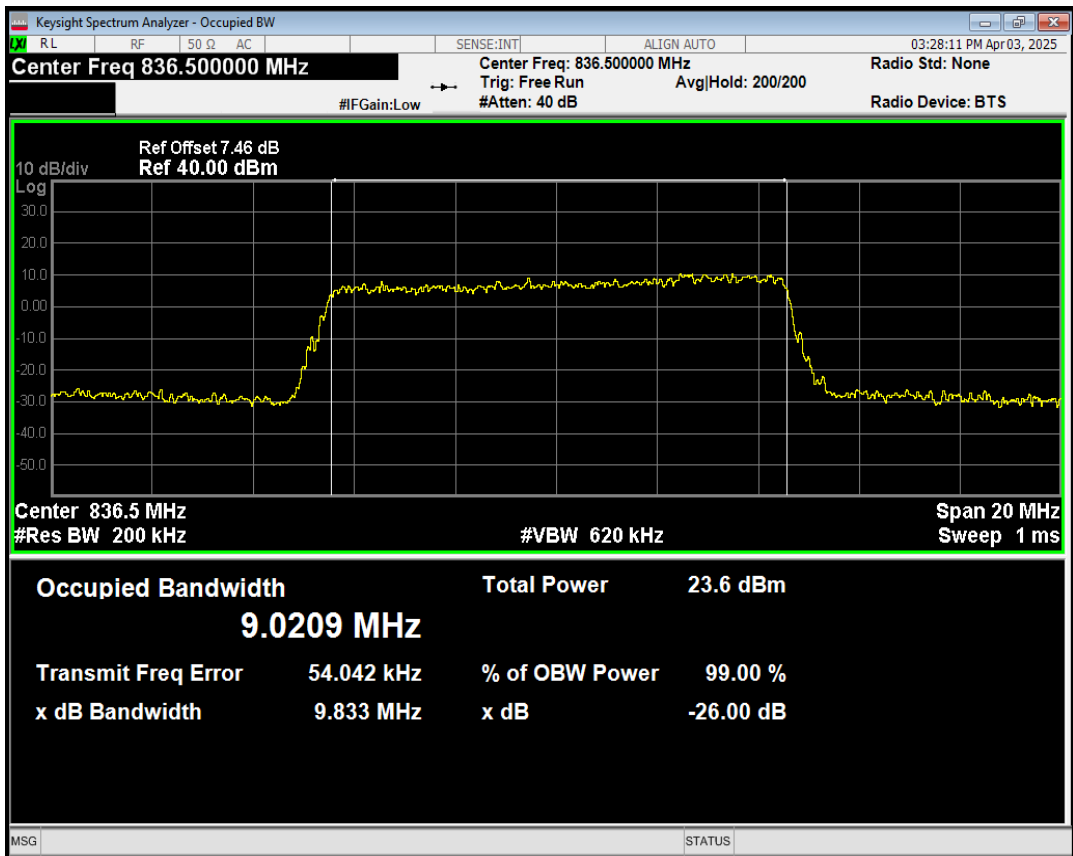
Band5 QAM16 BW=5MHz Channel=20525 RB Size=25 Position=#0



Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



Band5 QAM16 BW=10MHz Channel=20525 RB Size=1 Position=#0

