

FCC LTE-Cat M1 Band26 Test Data

General Description of EUT	
Product Name:	Elevate Telematic Unit
Test Model:	p5
Environmental Conditions	
Temperature:	25℃
Relative Humidity:	55%
Test Voltage:	DC 3.7V
Test Engineer:	Yan zhen ming
Note: For a more detailed features description, please refer to the report TBR-C-202307-0089-21 . The report only show the worst case data.	

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1. Conducted Power Output Data for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result (dBm)	Limit	Verdict
Band26	1.4MHz	QPSK	26797	1	0	Low	22.66	38.45	PASS
Band26	1.4MHz	QPSK	26797	1	5	Low	22.74	38.45	PASS
Band26	1.4MHz	QPSK	26797	6	0	Low	20.82	38.45	PASS
Band26	1.4MHz	QPSK	26915	1	0	Low	22.69	38.45	PASS
Band26	1.4MHz	QPSK	26915	1	5	Low	22.77	38.45	PASS
Band26	1.4MHz	QPSK	26915	6	0	Low	20.87	38.45	PASS
Band26	1.4MHz	QPSK	27033	1	0	High	23.08	38.45	PASS
Band26	1.4MHz	QPSK	27033	1	5	High	23.26	38.45	PASS
Band26	1.4MHz	QPSK	27033	6	0	High	20.89	38.45	PASS
Band26	1.4MHz	16QAM	26797	1	0	Low	21.78	38.45	PASS
Band26	1.4MHz	16QAM	26797	1	5	Low	22.17	38.45	PASS
Band26	1.4MHz	16QAM	26797	6	0	Low	20.82	38.45	PASS
Band26	1.4MHz	16QAM	26915	1	0	Low	22.00	38.45	PASS
Band26	1.4MHz	16QAM	26915	1	5	Low	22.24	38.45	PASS
Band26	1.4MHz	16QAM	26915	6	0	Low	20.88	38.45	PASS
Band26	1.4MHz	16QAM	27033	1	0	High	21.38	38.45	PASS
Band26	1.4MHz	16QAM	27033	1	5	High	21.56	38.45	PASS
Band26	1.4MHz	16QAM	27033	6	0	High	20.90	38.45	PASS
Band26	3MHz	QPSK	26805	1	0	Low	22.85	38.45	PASS
Band26	3MHz	QPSK	26805	1	5	Low	22.99	38.45	PASS
Band26	3MHz	QPSK	26805	6	0	Low	20.78	38.45	PASS
Band26	3MHz	QPSK	26915	1	0	Low	22.66	38.45	PASS
Band26	3MHz	QPSK	26915	1	5	Low	22.80	38.45	PASS
Band26	3MHz	QPSK	26915	6	0	Low	20.95	38.45	PASS
Band26	3MHz	QPSK	27025	1	0	High	23.06	38.45	PASS
Band26	3MHz	QPSK	27025	1	5	High	23.18	38.45	PASS
Band26	3MHz	QPSK	27025	6	0	High	20.99	38.45	PASS
Band26	3MHz	16QAM	26805	1	0	Low	21.23	38.45	PASS
Band26	3MHz	16QAM	26805	1	5	Low	21.42	38.45	PASS
Band26	3MHz	16QAM	26805	6	0	Low	20.78	38.45	PASS
Band26	3MHz	16QAM	26915	1	0	Low	21.95	38.45	PASS
Band26	3MHz	16QAM	26915	1	5	Low	22.24	38.45	PASS
Band26	3MHz	16QAM	26915	6	0	Low	20.95	38.45	PASS
Band26	3MHz	16QAM	27025	1	0	High	21.44	38.45	PASS
Band26	3MHz	16QAM	27025	1	5	High	21.61	38.45	PASS
Band26	3MHz	16QAM	27025	6	0	High	20.99	38.45	PASS
Band26	5MHz	QPSK	26815	1	0	Low	23.08	38.45	PASS
Band26	5MHz	QPSK	26815	1	5	Low	23.07	38.45	PASS
Band26	5MHz	QPSK	26815	6	0	Low	21.83	38.45	PASS

Band26	5MHz	QPSK	26915	1	0	Low	22.68	38.45	PASS
Band26	5MHz	QPSK	26915	1	5	Low	22.71	38.45	PASS
Band26	5MHz	QPSK	26915	6	0	Low	21.79	38.45	PASS
Band26	5MHz	QPSK	27015	1	0	High	23.19	38.45	PASS
Band26	5MHz	QPSK	27015	1	5	High	23.29	38.45	PASS
Band26	5MHz	QPSK	27015	6	0	High	22.03	38.45	PASS
Band26	5MHz	16QAM	26815	1	0	Low	22.44	38.45	PASS
Band26	5MHz	16QAM	26815	1	5	Low	22.76	38.45	PASS
Band26	5MHz	16QAM	26815	6	0	Low	21.83	38.45	PASS
Band26	5MHz	16QAM	26915	1	0	Low	23.41	38.45	PASS
Band26	5MHz	16QAM	26915	1	5	Low	23.56	38.45	PASS
Band26	5MHz	16QAM	26915	6	0	Low	21.79	38.45	PASS
Band26	5MHz	16QAM	27015	1	0	High	22.56	38.45	PASS
Band26	5MHz	16QAM	27015	1	5	High	22.52	38.45	PASS
Band26	5MHz	16QAM	27015	6	0	High	22.03	38.45	PASS
Band26	10MHz	QPSK	26840	1	0	Low	23.13	38.45	PASS
Band26	10MHz	QPSK	26840	1	5	Low	23.33	38.45	PASS
Band26	10MHz	QPSK	26840	6	0	Low	21.80	38.45	PASS
Band26	10MHz	QPSK	26915	1	0	Low	22.64	38.45	PASS
Band26	10MHz	QPSK	26915	1	5	Low	22.70	38.45	PASS
Band26	10MHz	QPSK	26915	6	0	Low	21.74	38.45	PASS
Band26	10MHz	QPSK	26990	1	0	High	23.32	38.45	PASS
Band26	10MHz	QPSK	26990	1	5	High	23.35	38.45	PASS
Band26	10MHz	QPSK	26990	6	0	High	22.00	38.45	PASS
Band26	10MHz	16QAM	26840	1	0	Low	22.54	38.45	PASS
Band26	10MHz	16QAM	26840	1	5	Low	22.56	38.45	PASS
Band26	10MHz	16QAM	26840	6	0	Low	21.81	38.45	PASS
Band26	10MHz	16QAM	26915	1	0	Low	23.28	38.45	PASS
Band26	10MHz	16QAM	26915	1	5	Low	23.28	38.45	PASS
Band26	10MHz	16QAM	26915	6	0	Low	21.75	38.45	PASS
Band26	10MHz	16QAM	26990	1	0	High	22.68	38.45	PASS
Band26	10MHz	16QAM	26990	1	5	High	23.00	38.45	PASS
Band26	10MHz	16QAM	26990	6	0	High	22.01	38.45	PASS
Band26	15MHz	QPSK	26865	1	0	Low	23.06	38.45	PASS
Band26	15MHz	QPSK	26865	1	5	Low	23.27	38.45	PASS
Band26	15MHz	QPSK	26865	6	0	Low	22.84	38.45	PASS
Band26	15MHz	QPSK	26915	1	0	Low	22.57	38.45	PASS
Band26	15MHz	QPSK	26915	1	5	Low	22.67	38.45	PASS
Band26	15MHz	QPSK	26915	6	0	Low	22.74	38.45	PASS
Band26	15MHz	QPSK	26965	1	0	High	23.32	38.45	PASS
Band26	15MHz	QPSK	26965	1	5	High	23.27	38.45	PASS
Band26	15MHz	QPSK	26965	6	0	High	23.04	38.45	PASS
Band26	15MHz	16QAM	26865	1	0	Low	22.46	38.45	PASS
Band26	15MHz	16QAM	26865	1	5	Low	22.36	38.45	PASS

Band26	15MHz	16QAM	26865	6	0	Low	22.84	38.45	PASS
Band26	15MHz	16QAM	26915	1	0	Low	23.33	38.45	PASS
Band26	15MHz	16QAM	26915	1	5	Low	23.67	38.45	PASS
Band26	15MHz	16QAM	26915	6	0	Low	22.76	38.45	PASS
Band26	15MHz	16QAM	26965	1	0	High	22.75	38.45	PASS
Band26	15MHz	16QAM	26965	1	5	High	22.76	38.45	PASS
Band26	15MHz	16QAM	26965	6	0	High	23.04	38.45	PASS

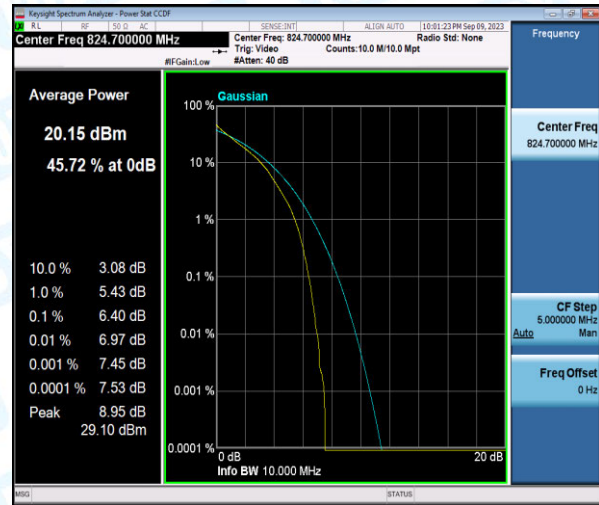
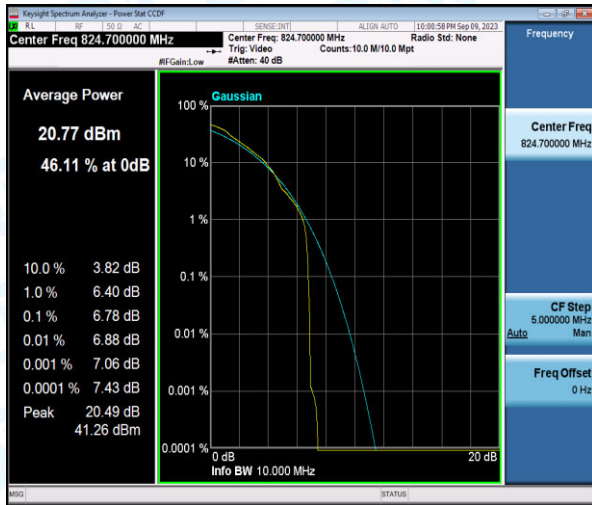
2: Peak-to-Average Ratio(CCDF) for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band26	1.4MHz	26797	QPSK	1	0	Low	6.78	<=13	PASS
Band26	1.4MHz	26797	QPSK	6	0	Low	6.40	<=13	PASS
Band26	1.4MHz	26915	QPSK	1	0	Low	6.48	<=13	PASS
Band26	1.4MHz	26915	QPSK	6	0	Low	6.57	<=13	PASS
Band26	1.4MHz	27033	QPSK	1	0	High	6.47	<=13	PASS
Band26	1.4MHz	27033	QPSK	6	0	High	6.49	<=13	PASS
Band26	1.4MHz	26797	16QAM	1	0	Low	7.68	<=13	PASS
Band26	1.4MHz	26797	16QAM	6	0	Low	6.52	<=13	PASS
Band26	1.4MHz	26915	16QAM	1	0	Low	7.41	<=13	PASS
Band26	1.4MHz	26915	16QAM	6	0	Low	6.45	<=13	PASS
Band26	1.4MHz	27033	16QAM	1	0	High	7.52	<=13	PASS
Band26	1.4MHz	27033	16QAM	6	0	High	6.47	<=13	PASS
Band26	3MHz	26805	QPSK	1	0	Low	6.68	<=13	PASS
Band26	3MHz	26805	QPSK	6	0	Low	6.12	<=13	PASS
Band26	3MHz	26915	QPSK	1	0	Low	6.26	<=13	PASS
Band26	3MHz	26915	QPSK	6	0	Low	6.22	<=13	PASS
Band26	3MHz	27025	QPSK	1	0	High	5.93	<=13	PASS
Band26	3MHz	27025	QPSK	6	0	High	5.89	<=13	PASS
Band26	3MHz	26805	16QAM	1	0	Low	7.10	<=13	PASS
Band26	3MHz	26805	16QAM	6	0	Low	6.16	<=13	PASS
Band26	3MHz	26915	16QAM	1	0	Low	7.04	<=13	PASS
Band26	3MHz	26915	16QAM	6	0	Low	6.12	<=13	PASS
Band26	3MHz	27025	16QAM	1	0	High	7.11	<=13	PASS
Band26	3MHz	27025	16QAM	6	0	High	5.85	<=13	PASS
Band26	5MHz	26815	QPSK	1	0	Low	6.55	<=13	PASS
Band26	5MHz	26815	QPSK	6	0	Low	6.13	<=13	PASS
Band26	5MHz	26915	QPSK	1	0	Low	6.33	<=13	PASS
Band26	5MHz	26915	QPSK	6	0	Low	6.21	<=13	PASS
Band26	5MHz	27015	QPSK	1	0	High	5.79	<=13	PASS
Band26	5MHz	27015	QPSK	6	0	High	6.07	<=13	PASS
Band26	5MHz	26815	16QAM	1	0	Low	7.33	<=13	PASS
Band26	5MHz	26815	16QAM	6	0	Low	6.14	<=13	PASS
Band26	5MHz	26915	16QAM	1	0	Low	7.49	<=13	PASS
Band26	5MHz	26915	16QAM	6	0	Low	6.25	<=13	PASS
Band26	5MHz	27015	16QAM	1	0	High	7.13	<=13	PASS
Band26	5MHz	27015	16QAM	6	0	High	6.08	<=13	PASS
Band26	10MHz	26840	QPSK	1	0	Low	6.41	<=13	PASS
Band26	10MHz	26840	QPSK	6	0	Low	5.86	<=13	PASS
Band26	10MHz	26915	QPSK	1	0	Low	5.99	<=13	PASS
Band26	10MHz	26915	QPSK	6	0	Low	5.89	<=13	PASS
Band26	10MHz	26990	QPSK	1	0	High	6.04	<=13	PASS
Band26	10MHz	26990	QPSK	6	0	High	6.28	<=13	PASS
Band26	10MHz	26840	16QAM	1	0	Low	6.77	<=13	PASS
Band26	10MHz	26840	16QAM	6	0	Low	5.77	<=13	PASS
Band26	10MHz	26915	16QAM	1	0	Low	6.64	<=13	PASS
Band26	10MHz	26915	16QAM	6	0	Low	5.80	<=13	PASS
Band26	10MHz	26990	16QAM	1	0	High	7.05	<=13	PASS
Band26	10MHz	26990	16QAM	6	0	High	6.33	<=13	PASS
Band26	15MHz	26865	QPSK	1	0	Low	5.28	<=13	PASS
Band26	15MHz	26865	QPSK	6	0	Low	5.26	<=13	PASS
Band26	15MHz	26915	QPSK	1	0	Low	5.33	<=13	PASS

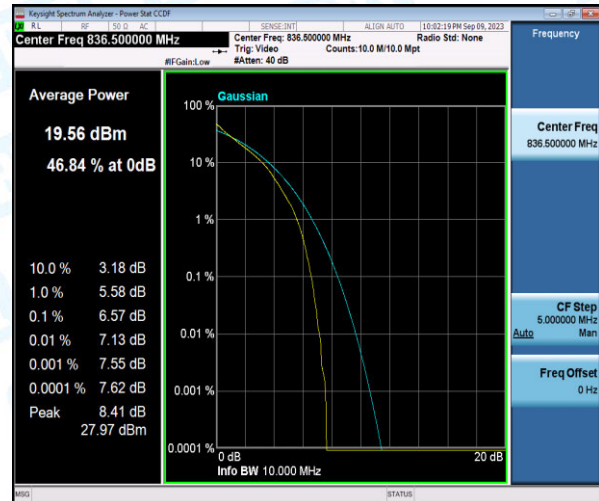
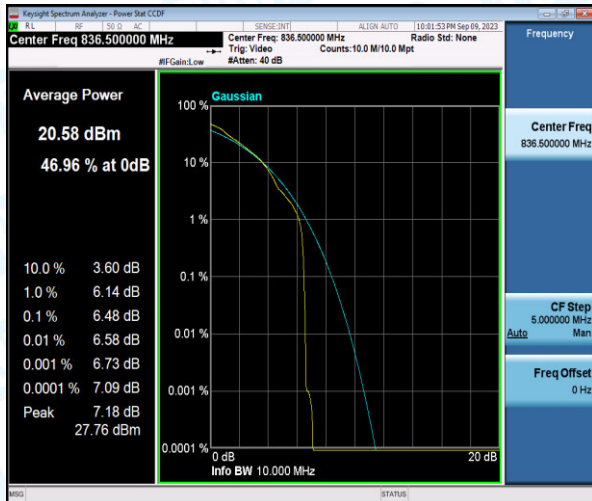
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Band26	15MHz	26965	QPSK	1	0	High	5.28	<=13	PASS
Band26	15MHz	26965	QPSK	6	0	High	5.26	<=13	PASS
Band26	15MHz	26865	16QAM	1	0	Low	6.23	<=13	PASS
Band26	15MHz	26865	16QAM	6	0	Low	5.27	<=13	PASS
Band26	15MHz	26915	16QAM	1	0	Low	6.07	<=13	PASS
Band26	15MHz	26915	16QAM	6	0	Low	5.26	<=13	PASS
Band26	15MHz	26965	16QAM	1	0	High	6.13	<=13	PASS
Band26	15MHz	26965	16QAM	6	0	High	5.24	<=13	PASS

Test Graphs



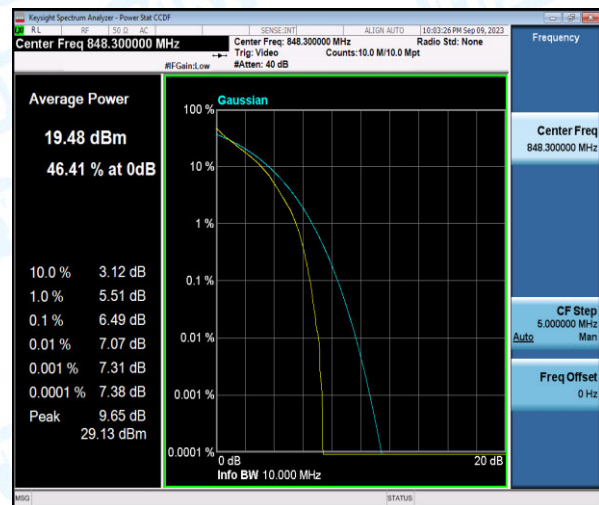
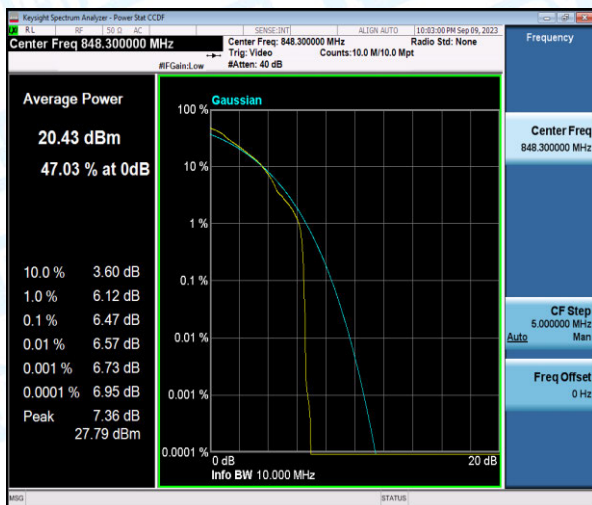
Band26-1.4MHz-QPSK-26797-1-0-Low-6.78-<=13-PASS

Band26-1.4MHz-QPSK-26797-6-0-Low-6.40-<=13-PASS



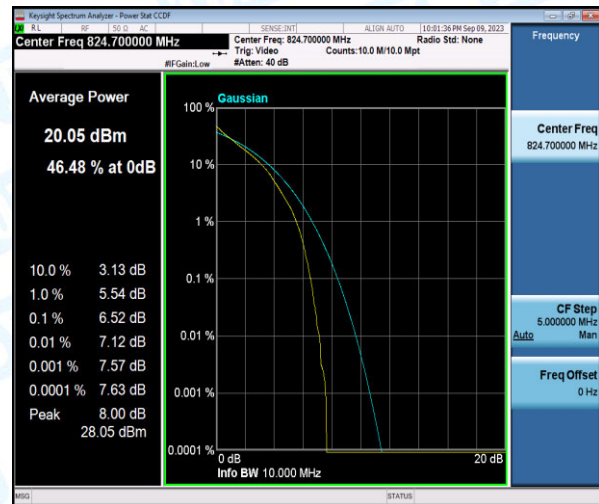
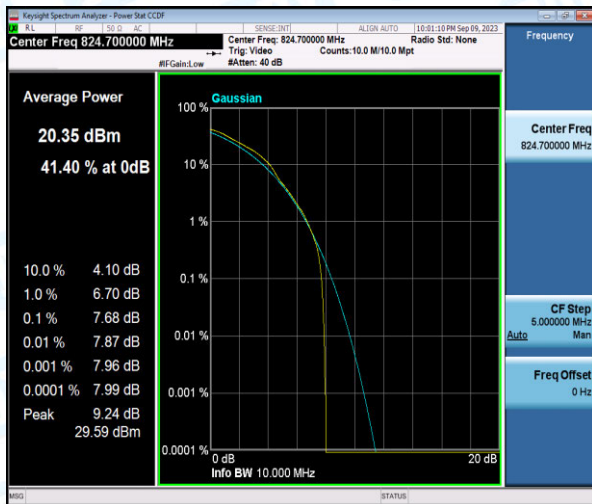
Band26-1.4MHz-QPSK-26915-1-0-Low-6.48-<=13-PASS

Band26-1.4MHz-QPSK-26915-6-0-Low-6.57-<=13-PASS



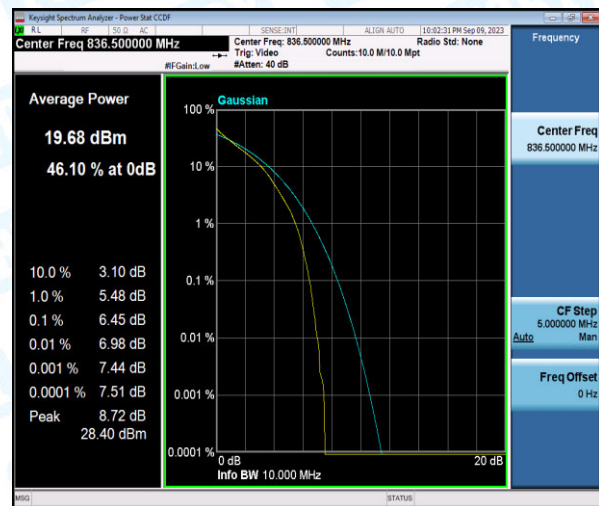
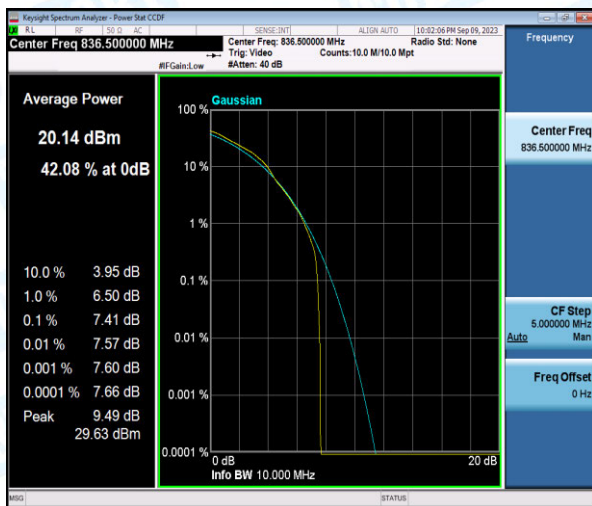
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Band26-1.4MHz-QPSK-27033-6-0-High-6.49-<=13-PASS



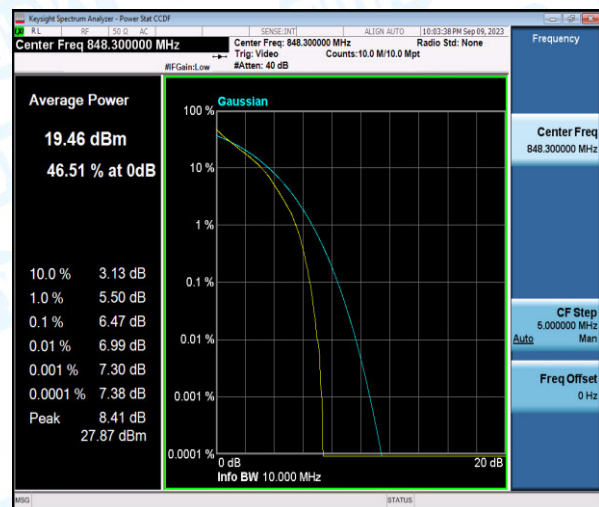
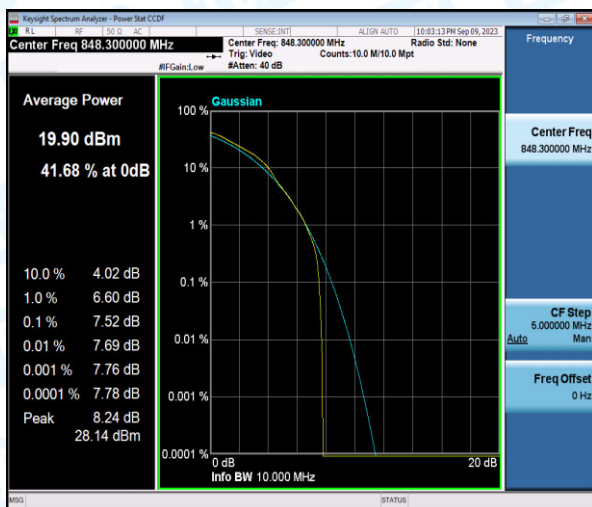
Band26-1.4MHz-16QAM-26797-1-0-Low-7.68-<=13-PASS

Band26-1.4MHz-16QAM-26797-6-0-Low-6.52-<=13-PASS



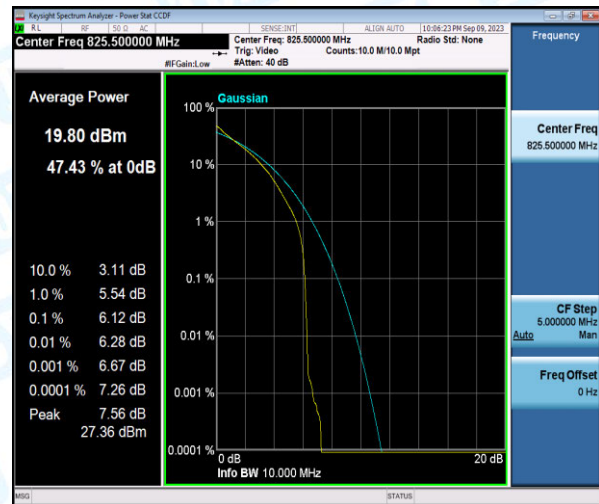
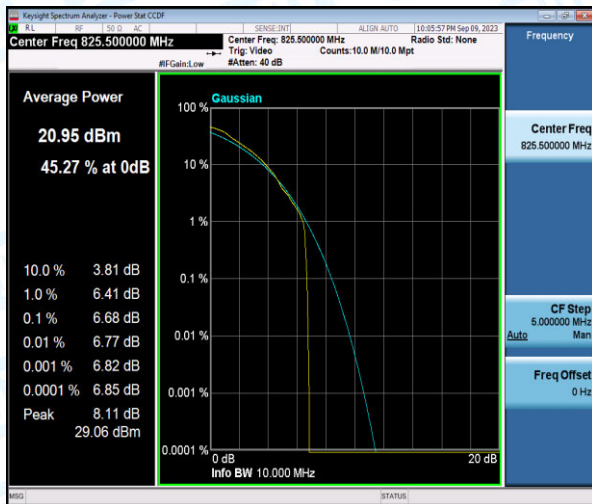
Band26-1.4MHz-16QAM-26915-1-0-Low-7.41-<=13-PASS

Band26-1.4MHz-16QAM-26915-6-0-Low-6.45-<=13-PASS



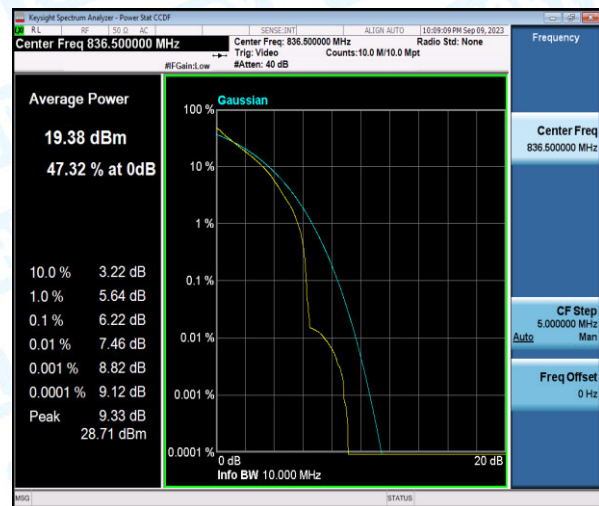
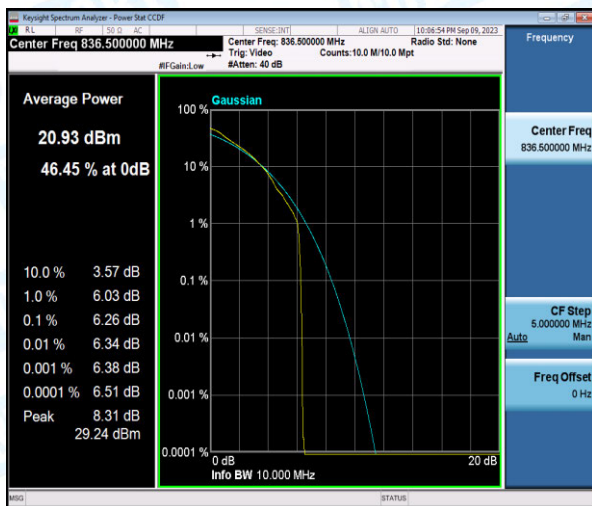
Band26-1.4MHz-16QAM-27033-1-0-High-7.52-<=13-PASS

Band26-1.4MHz-16QAM-27033-6-0-High-6.47-<=13-PASS



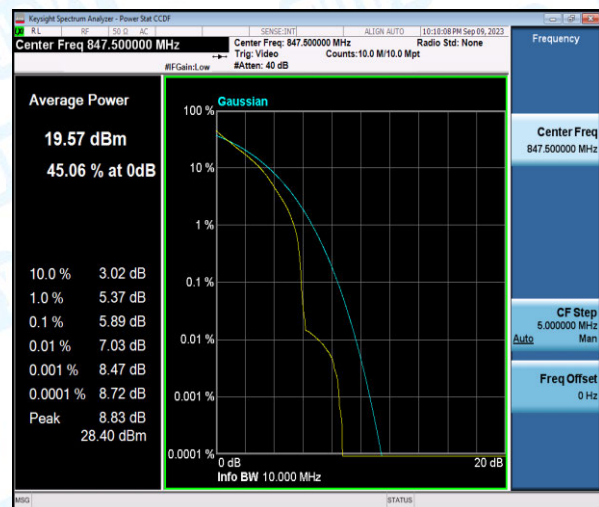
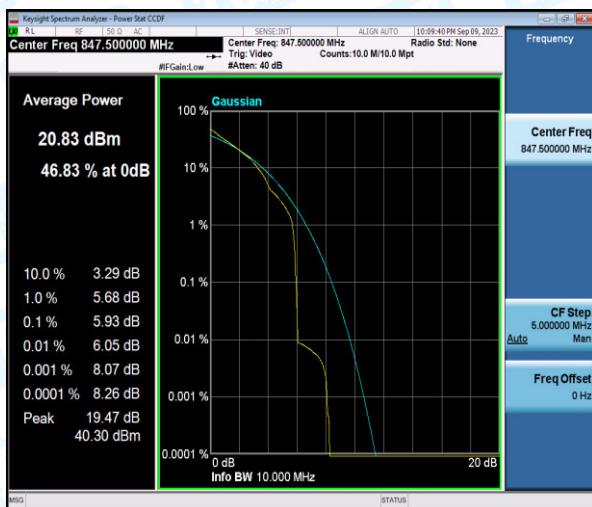
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Band26-3MHz-QPSK-26805-6-0-Low-6.12-<=13-PASS



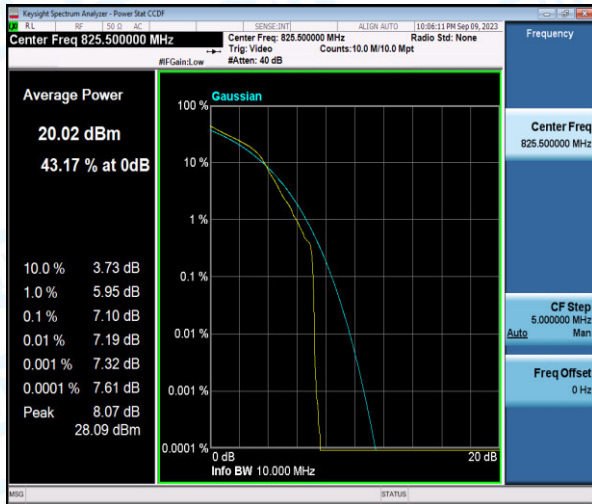
Band26-3MHz-QPSK-26915-1-0-Low-6.26-<=13-PASS

Band26-3MHz-QPSK-26915-6-0-Low-6.22-<=13-PASS



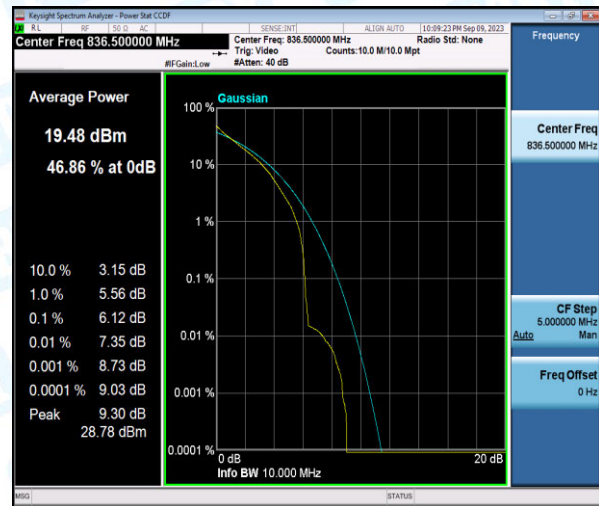
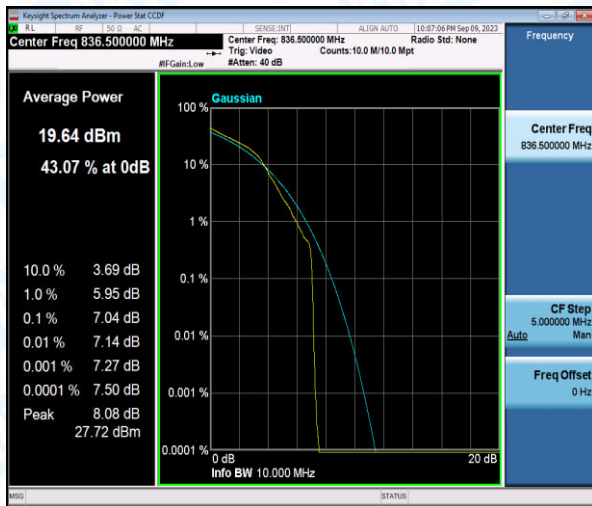
Band26-3MHz-QPSK-27025-1-0-High-5.93-<=13-PASS

Band26-3MHz-QPSK-27025-6-0-High-5.89-<=13-PASS



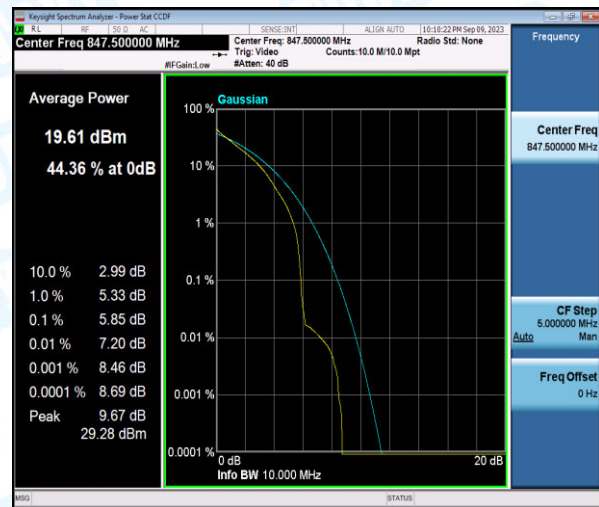
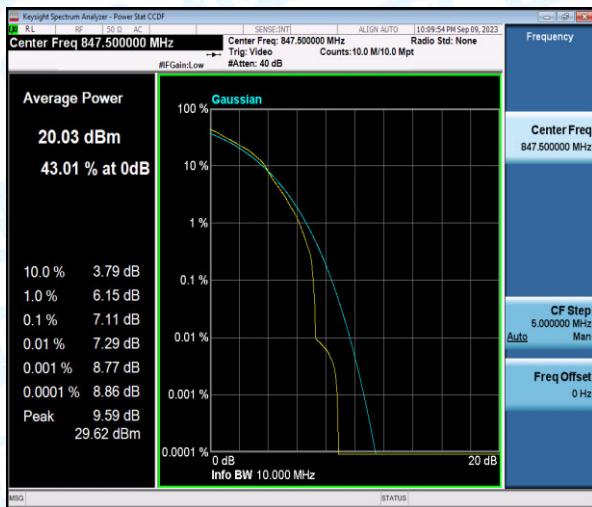
Band26-3MHz-16QAM-26805-1-0-Low-7.10-<=13-PASS

Band26-3MHz-16QAM-26805-6-0-Low-6.16-<=13-PASS



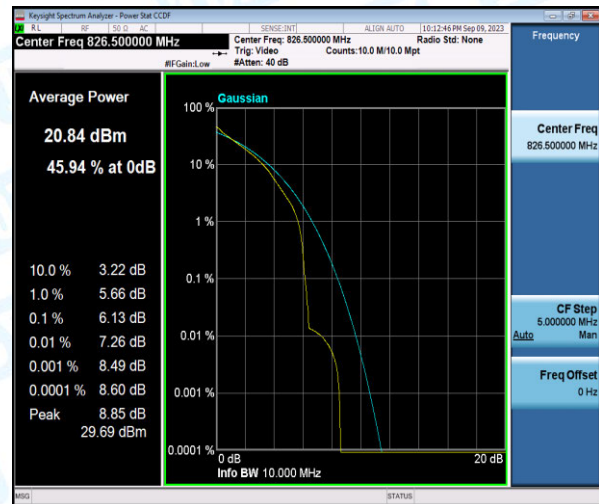
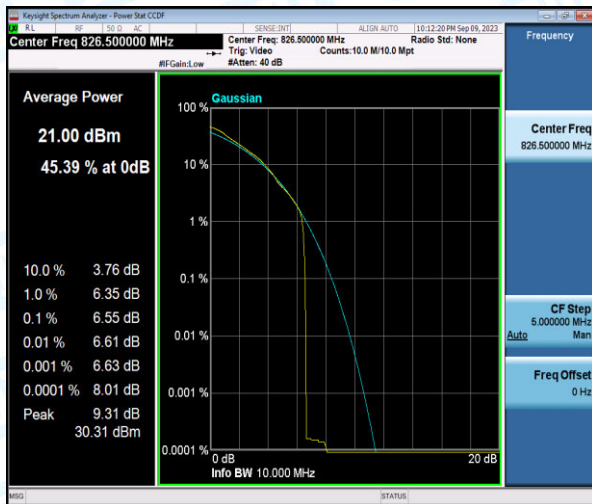
Band26-3MHz-16QAM-26915-1-0-Low-7.04-<=13-PASS

Band26-3MHz-16QAM-26915-6-0-Low-6.12-<=13-PASS



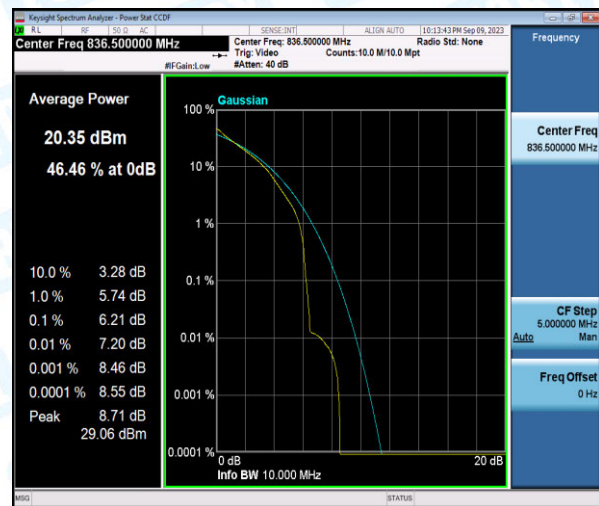
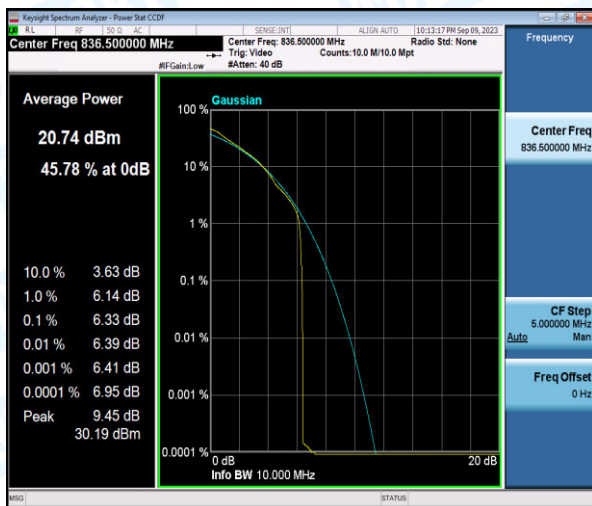
Band26-3MHz-16QAM-27025-1-0-High-7.11-<=13-PASS

Band26-3MHz-16QAM-27025-6-0-High-5.85-<=13-PASS



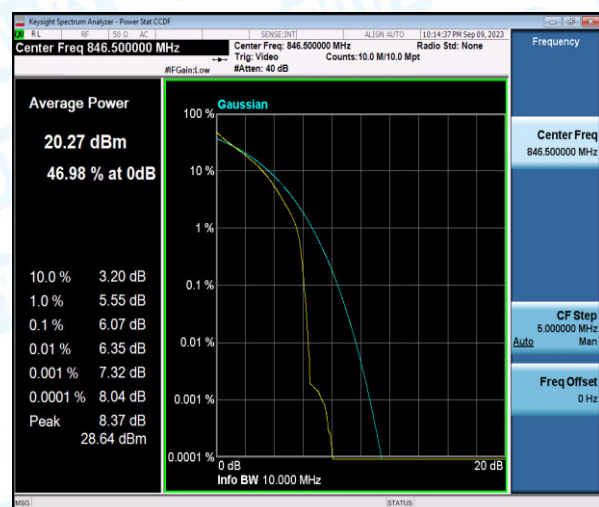
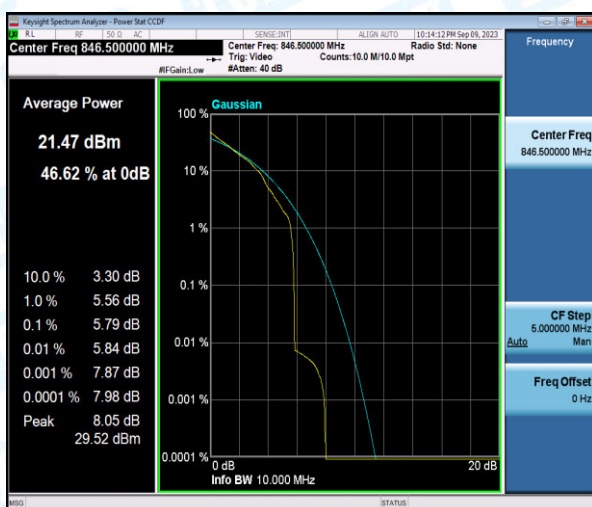
Band26-5MHz-QPSK-26815-1-0-Low-6.55-<=13-PASS

Band26-5MHz-QPSK-26815-6-0-Low-6.13-<=13-PASS



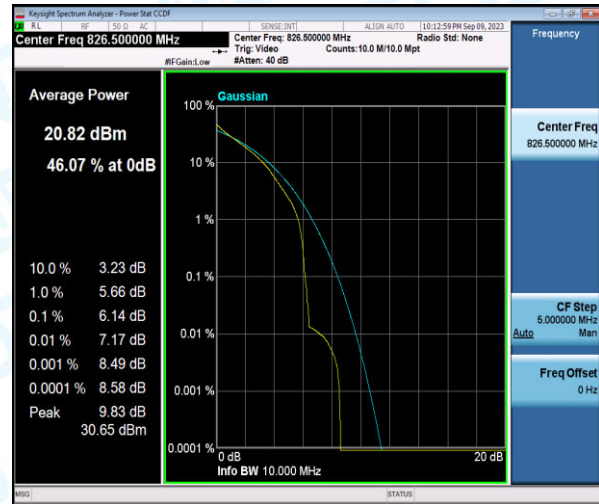
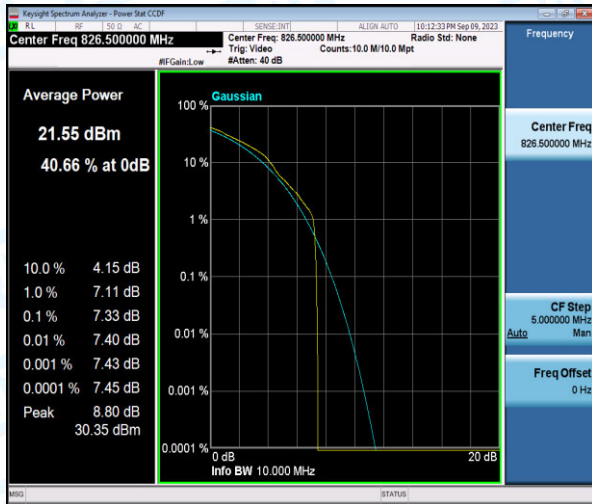
Band26-5MHz-QPSK-26915-1-0-Low-6.33-<=13-PASS

Band26-5MHz-QPSK-26915-6-0-Low-6.21-<=13-PASS



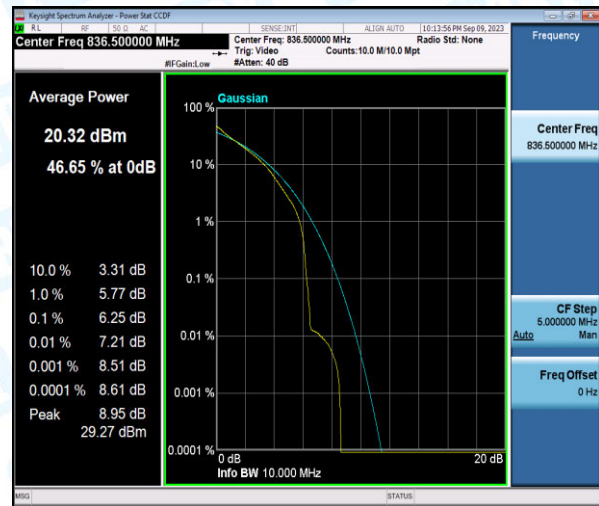
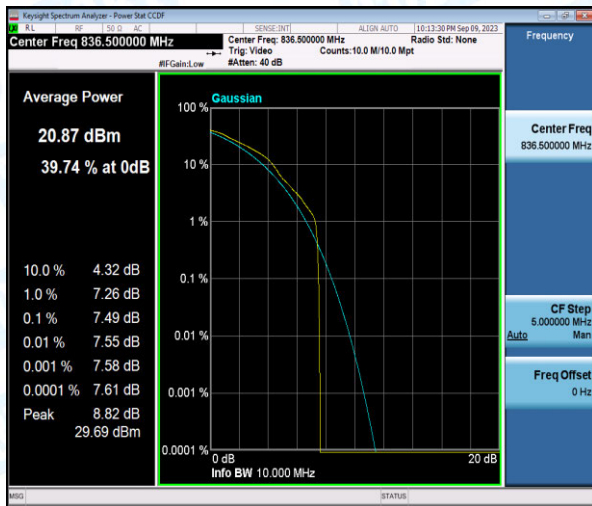
Band26-5MHz-QPSK-27015-1-0-High-5.79-<=13-PASS

Band26-5MHz-QPSK-27015-6-0-High-6.07-<=13-PASS



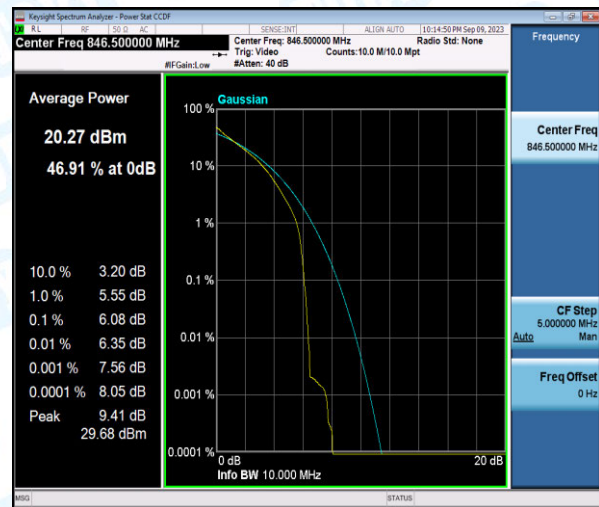
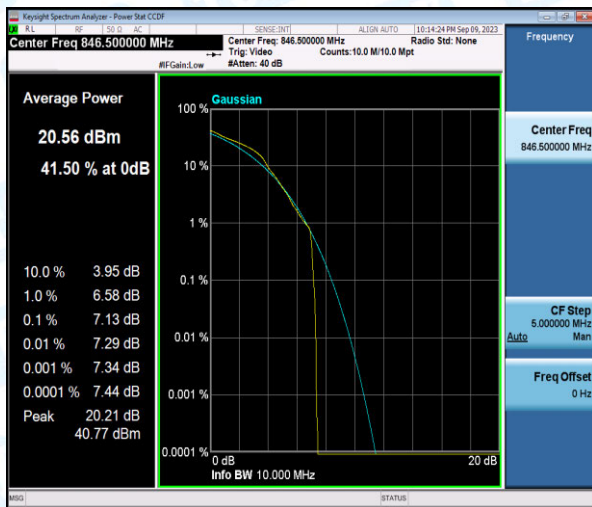
Band26-5MHz-16QAM-26815-1-0-Low-7.33-<=13-PASS

Band26-5MHz-16QAM-26815-6-0-Low-6.14-<=13-PASS



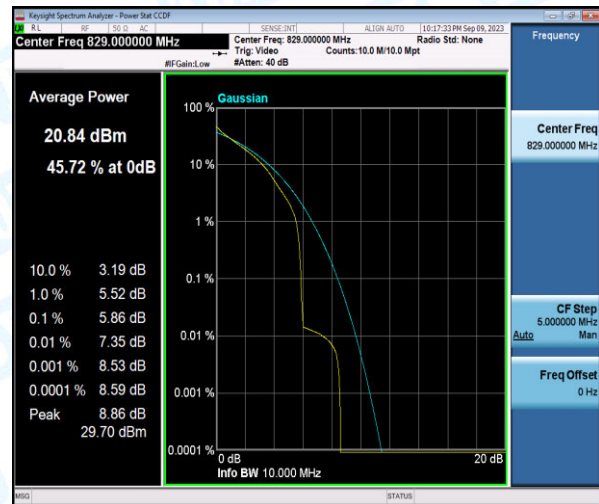
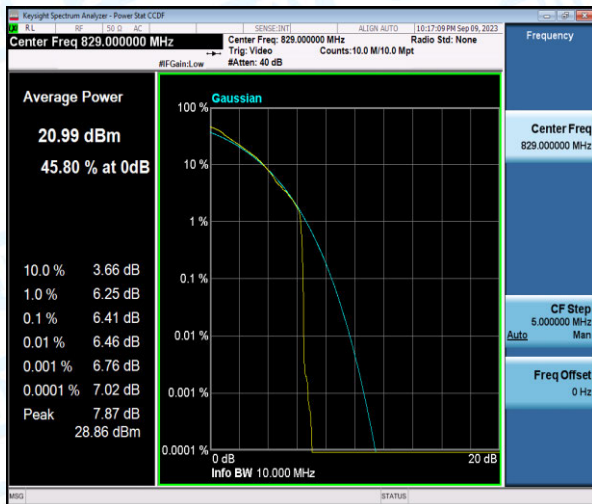
Band26-5MHz-16QAM-26915-1-0-Low-7.49-<=13-PASS

Band26-5MHz-16QAM-26915-6-0-Low-6.25-<=13-PASS



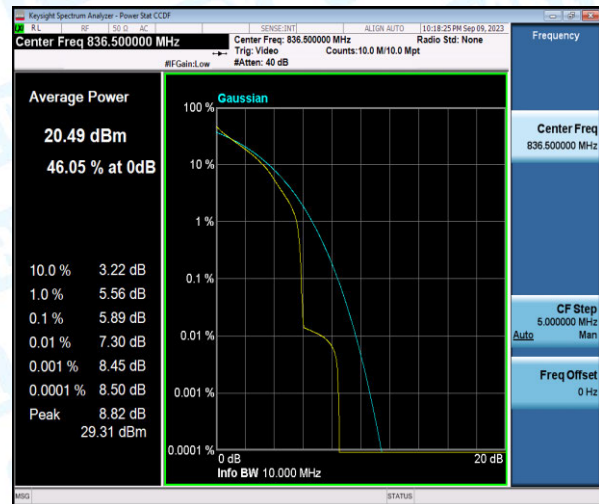
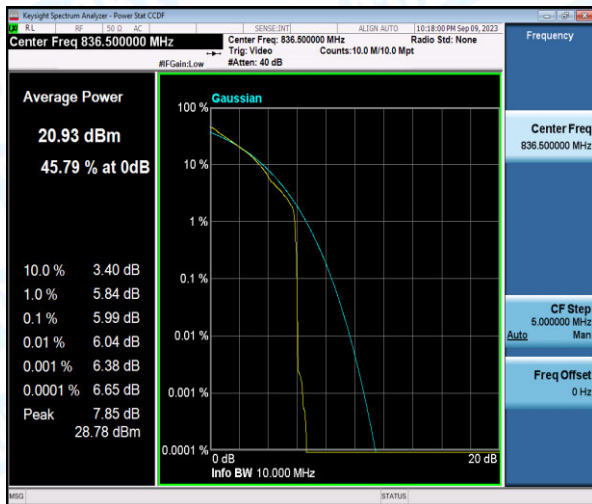
Band26-5MHz-16QAM-27015-1-0-High-7.13-<=13-PASS

Band26-5MHz-16QAM-27015-6-0-High-6.08-<=13-PASS



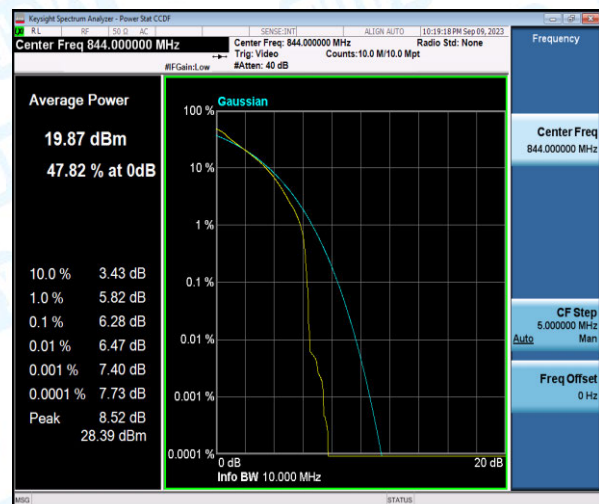
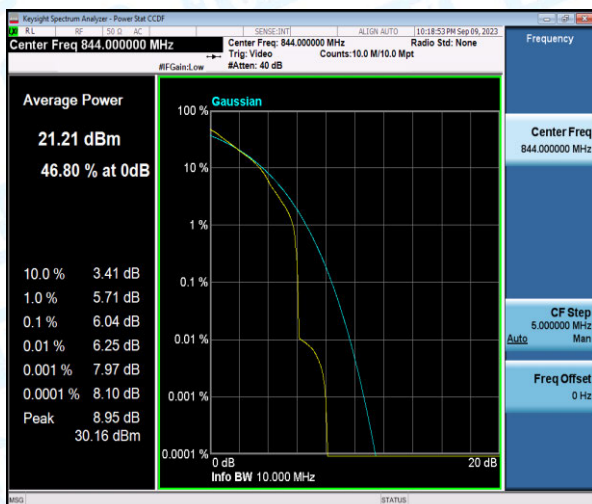
Band26-10MHz-QPSK-26840-1-0-Low-6.41-<=13-PASS

Band26-10MHz-QPSK-26840-6-0-Low-5.86-<=13-PASS



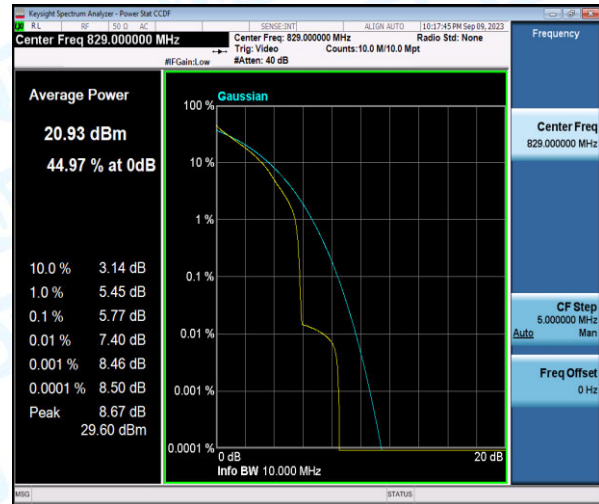
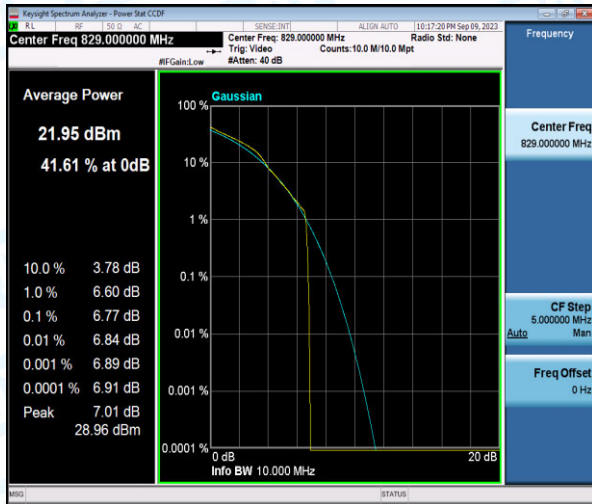
Band26-10MHz-QPSK-26915-1-0-Low-5.99-<=13-PASS

Band26-10MHz-QPSK-26915-6-0-Low-5.89-<=13-PASS



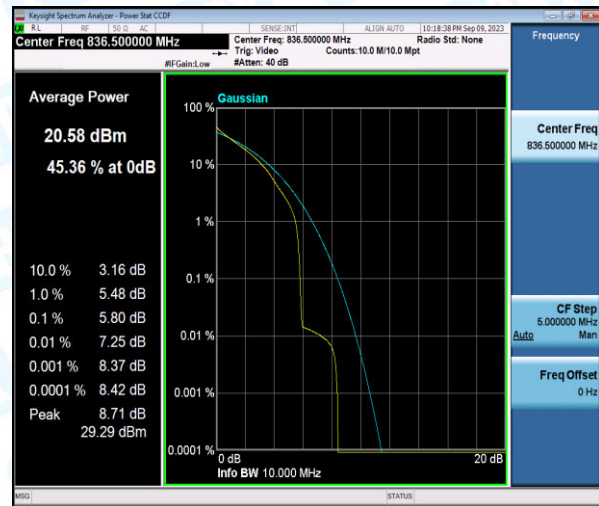
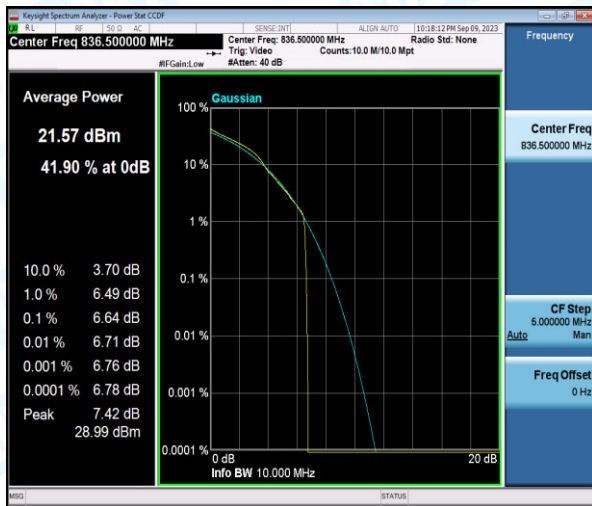
Band26-10MHz-QPSK-26990-1-0-High-6.04-<=13-PASS

Band26-10MHz-QPSK-26990-6-0-High-6.28-<=13-PASS



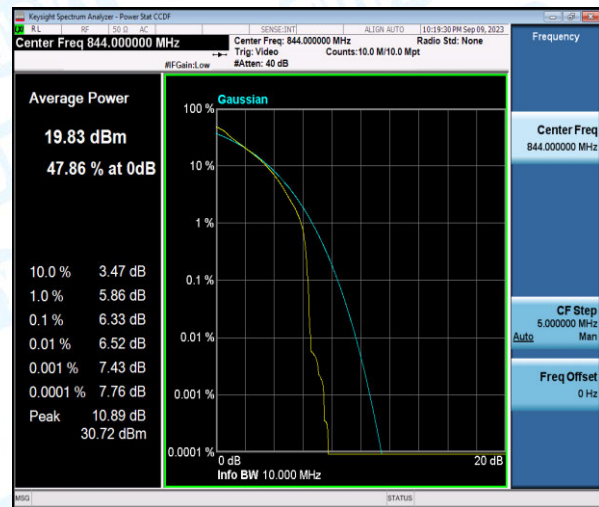
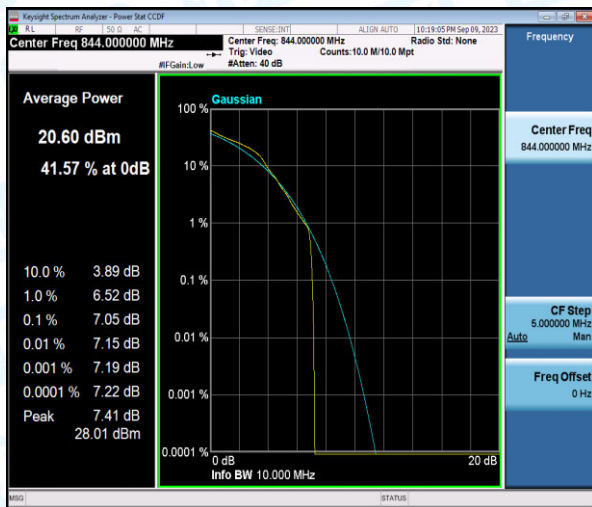
Band26-10MHz-16QAM-26840-1-0-Low-6.77<=13-PASS

Band26-10MHz-16QAM-26840-6-0-Low-5.77<=13-PASS



Band26-10MHz-16QAM-26915-1-0-Low-6.64<=13-PASS

Band26-10MHz-16QAM-26915-6-0-Low-5.80<=13-PASS



Band26-10MHz-16QAM-26990-1-0-High-7.05<=13-PASS

Band26-10MHz-16QAM-26990-6-0-High-6.33<=13-PASS