

LTE Test Data

General Description of EUT	
Product Name:	4G CAMERA
Test Model:	X10
Sample ID:	HC-C-202405-0316-04-01#
Environmental Conditions	
Temperature:	22.0℃-25℃
Relative Humidity:	43%-55%
Test Voltage:	DC 12V
Test Engineer:	Mike Yan
Note: For a more detailed features description, please refer to the report TBR-C-202405-0316-22 . The report only show the worst case data.	

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1: Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.30	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.25	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.17	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.14	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.15	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.16	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.36	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.32	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.14	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.06	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.26	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.22	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.07	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.21	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.21	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.02	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.91	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.03	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.99	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.92	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.10	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.26	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.15	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.20	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	23.19	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	23.11	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.00	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.25	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.31	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.12	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	21.95	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.18	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.29	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.05	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.19	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.13	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.23	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.89	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.90	PASS

Band12	1.4MHz	16QAM	23173	3RB#1	21.86	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.86	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.09	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.05	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.47	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.24	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.32	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.42	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.52	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.36	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.60	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.14	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.76	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.46	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.47	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.04	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.25	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.15	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.26	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.83	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.39	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.36	PASS
Band12	3MHz	QPSK	23165	8RB#7	22.20	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.19	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.36	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.62	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.59	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.57	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.52	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.63	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.39	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.47	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.07	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.69	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.42	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.42	PASS
Band12	3MHz	16QAM	23095	8RB#7	20.99	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.37	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.02	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.29	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.90	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.39	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.37	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.20	PASS

Band12	3MHz	16QAM	23165	15RB#0	21.34	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.87	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.15	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.85	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.14	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.11	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.65	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.39	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.70	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.10	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.84	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.67	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.69	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.05	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.26	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.94	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.34	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.07	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.24	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.23	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.38	PASS
Band12	5MHz	QPSK	23155	25RB#0	22.26	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.79	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.01	PASS
Band12	5MHz	16QAM	23035	1RB#24	22.70	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.25	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.20	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.85	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.42	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.95	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.42	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.03	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.74	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.74	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.09	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.29	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.20	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.63	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.31	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.39	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.37	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.50	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.29	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.01	PASS

Band12	10MHz	QPSK	23060	1RB#24	23.97	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.45	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.51	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.49	PASS
Band12	10MHz	QPSK	23060	25RB#25	23.10	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.85	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.41	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.16	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.89	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.72	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.73	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.00	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.26	PASS
Band12	10MHz	QPSK	23130	1RB#0	24.08	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.06	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.34	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.50	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.59	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.50	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.48	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.18	PASS
Band12	10MHz	16QAM	23060	1RB#24	23.19	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.71	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.60	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.69	PASS
Band12	10MHz	16QAM	23060	25RB#25	22.16	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.29	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.15	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.76	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.66	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.64	PASS
Band12	10MHz	16QAM	23095	25RB#25	20.92	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.10	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.03	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.30	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.59	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.68	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.60	PASS

2: Peak-to-Average Ratio(CCDF)

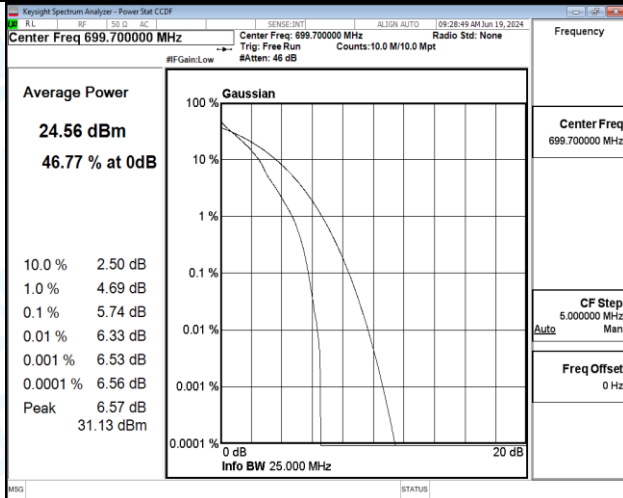
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	5.74	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.71	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	5.53	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.67	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	5.55	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.65	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	6.13	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.57	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	6.55	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.31	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	6.48	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.31	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	5.75	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.60	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	5.57	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.57	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	5.62	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.51	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	6.51	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.30	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	6.25	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.25	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	6.34	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.23	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	5.44	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.73	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	5.35	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.62	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	5.44	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.65	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	6.08	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.29	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	6.03	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.22	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	6.07	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.21	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	5.69	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.58	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	5.56	13	PASS

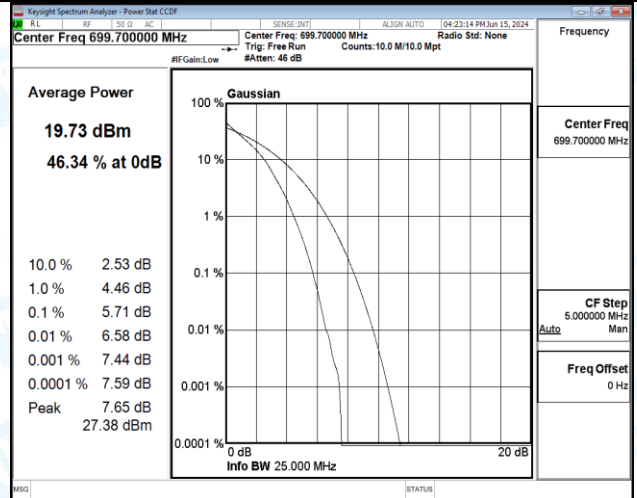
Band12	10MHz	QPSK	23095	50RB#0	5.52	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	5.46	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.72	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	6.42	13	PASS
Band12	10MHz	16QAM	23060	27RB#0	6.49	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	6.21	13	PASS
Band12	10MHz	16QAM	23095	27RB#0	6.34	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	6.32	13	PASS
Band12	10MHz	16QAM	23130	27RB#0	6.43	13	PASS

Test Graphs

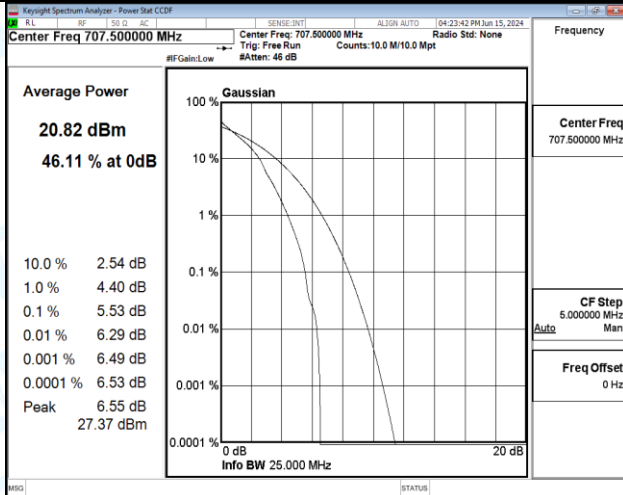
Band12-1.4MHz-QPSK-23017-1RB#0-PASS



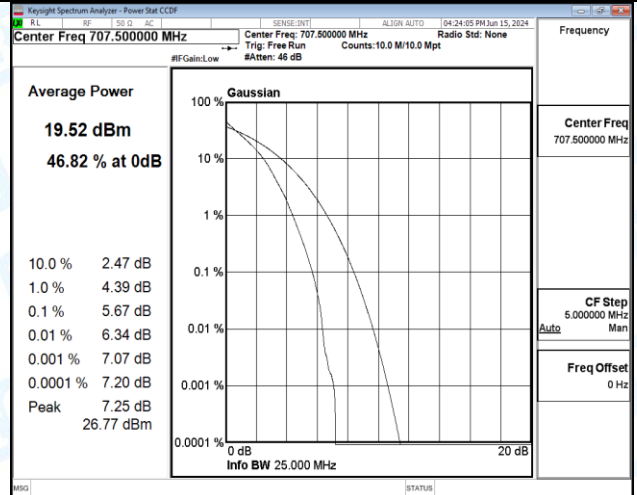
Band12-1.4MHz-QPSK-23017-6RB#0-PASS



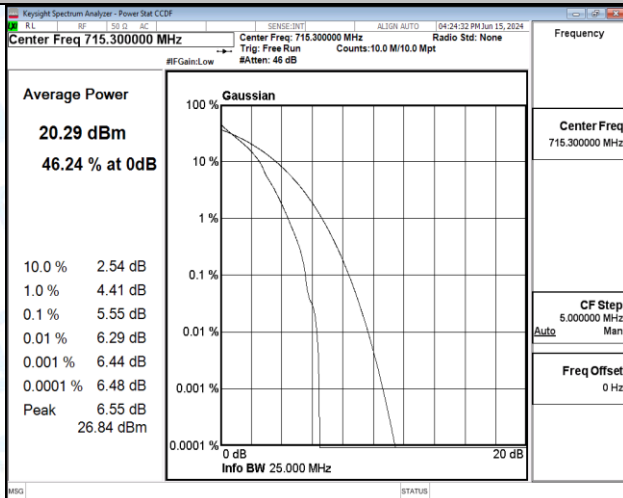
Band12-1.4MHz-QPSK-23095-1RB#0-PASS



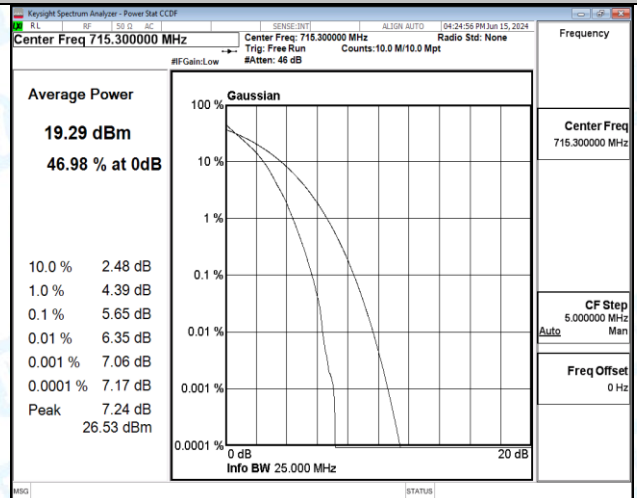
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Band12-1.4MHz-QPSK-23173-1RB#0-PASS

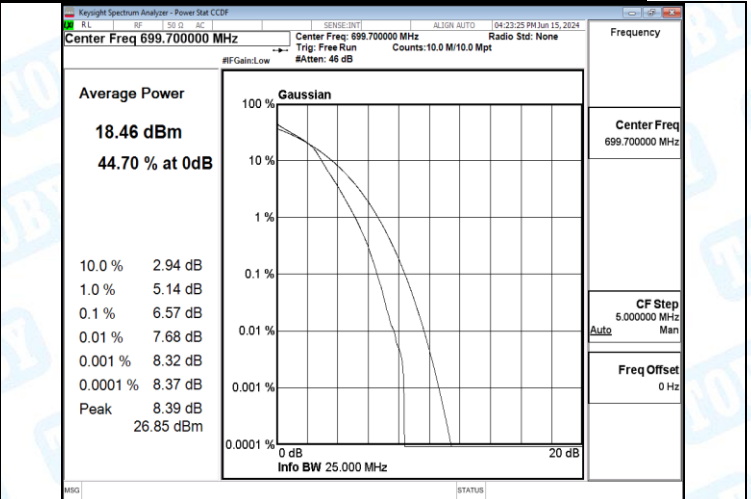
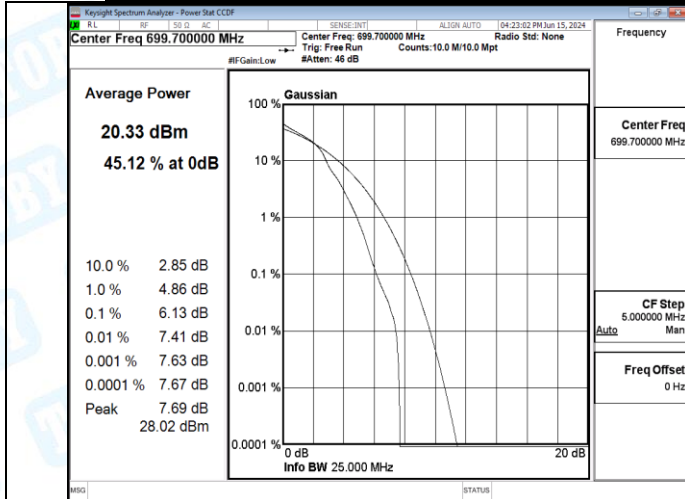


Band12-1.4MHz-QPSK-23173-6RB#0-PASS



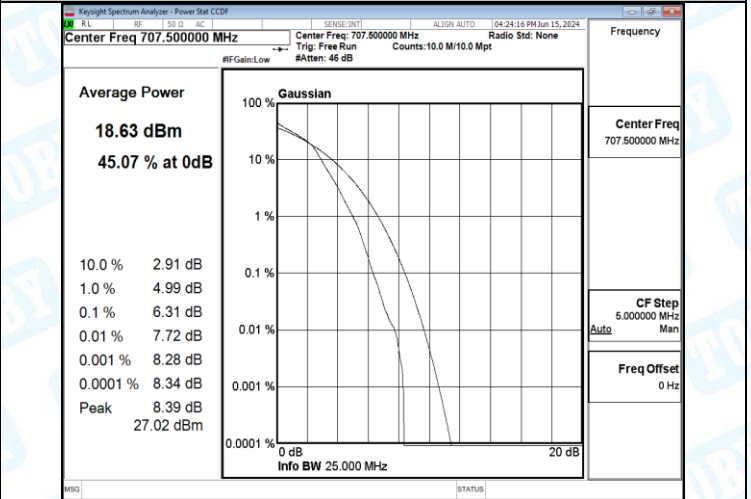
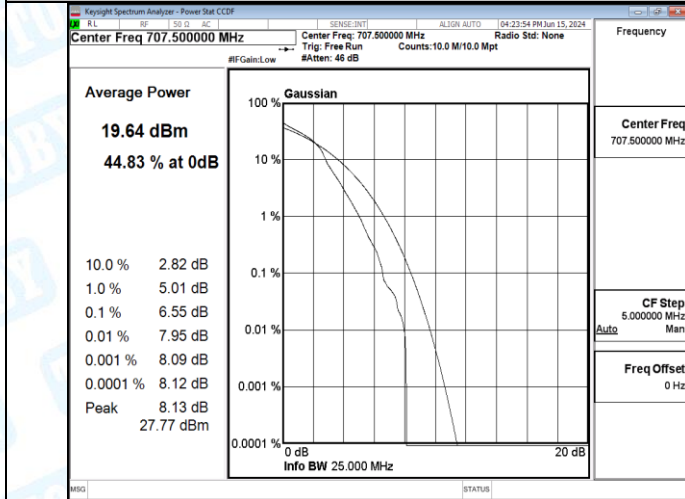
Band12-1.4MHz-16QAM-23017-1RB#0-PASS

Band12-1.4MHz-16QAM-23017-6RB#0-PASS



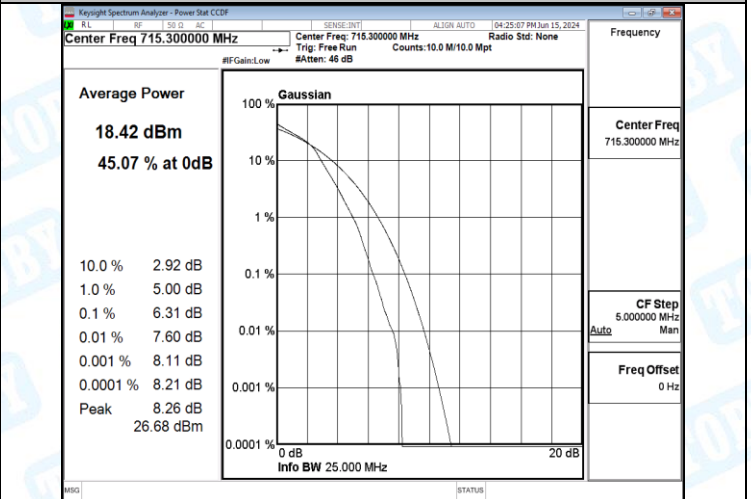
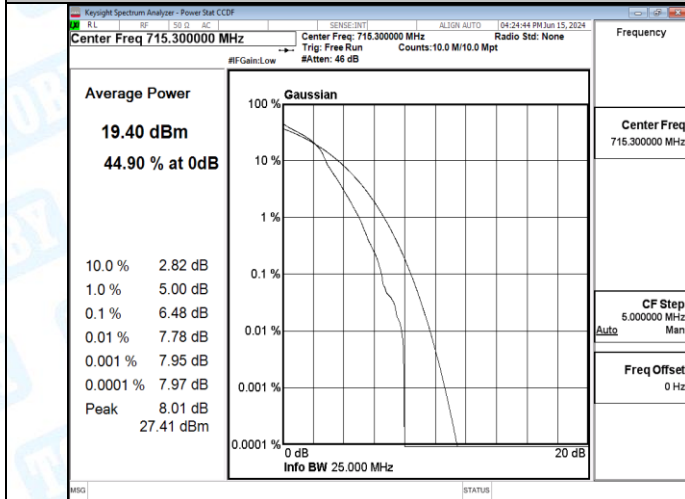
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Band12-1.4MHz-16QAM-23095-6RB#0-PASS



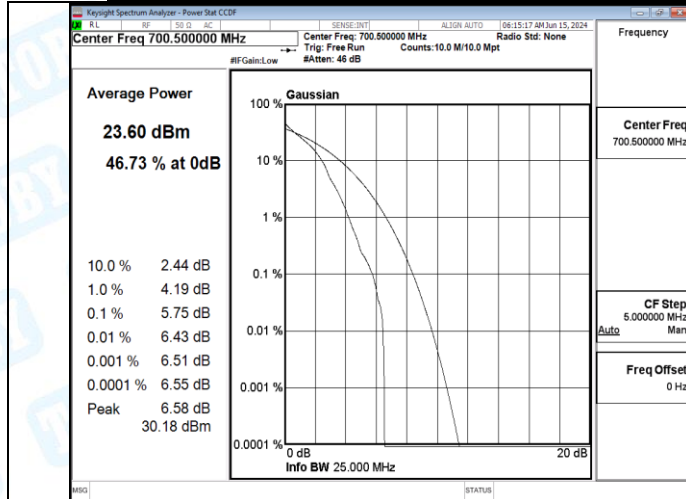
Band12-1.4MHz-16QAM-23173-1RB#0-PASS

Band12-1.4MHz-16QAM-23173-6RB#0-PASS

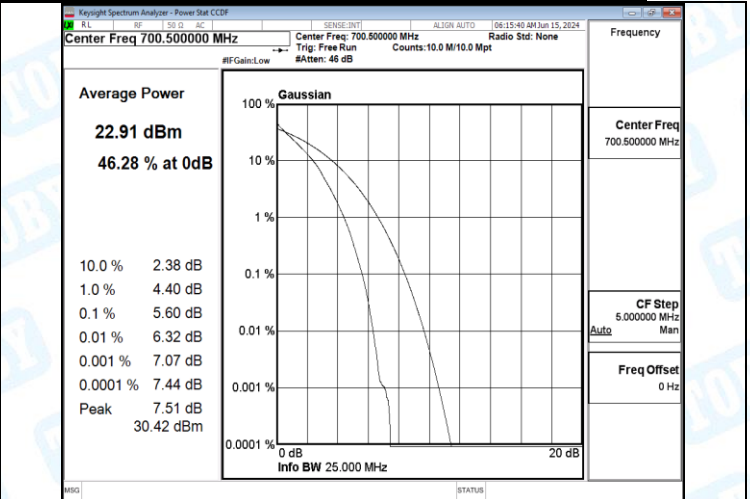


Band12-3MHz-QPSK-23025-1RB#0-PASS

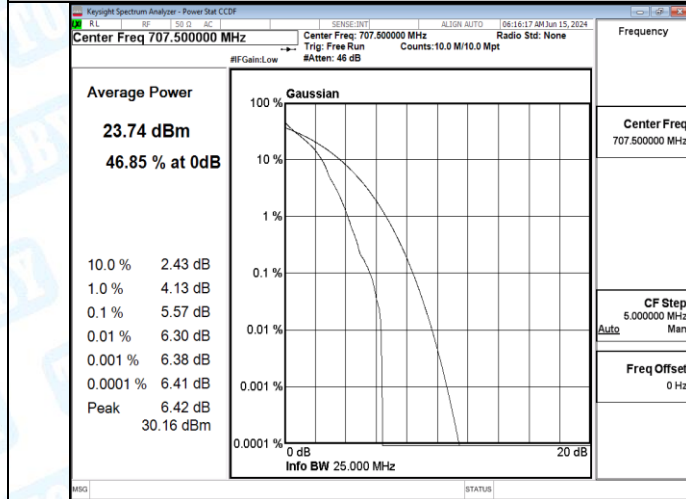
Band12-3MHz-QPSK-23025-15RB#0-PASS



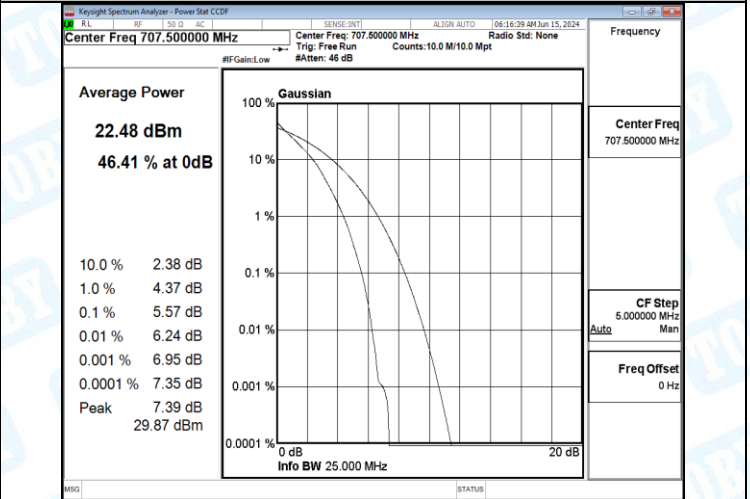
Band12-3MHz-QPSK-23095-1RB#0-PASS



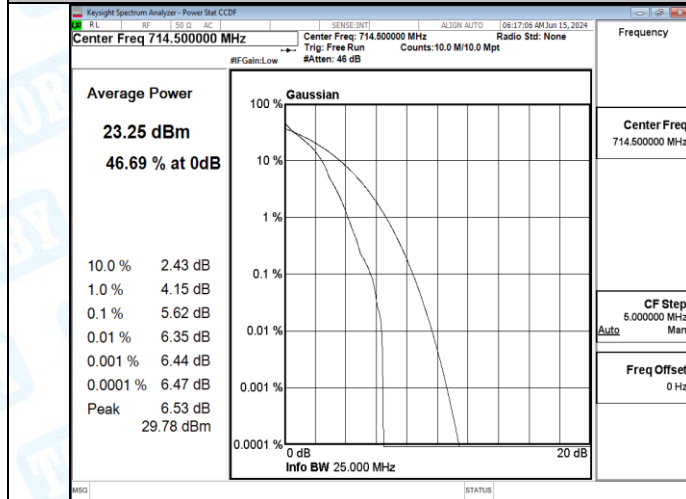
Band12-3MHz-QPSK-23095-15RB#0-PASS



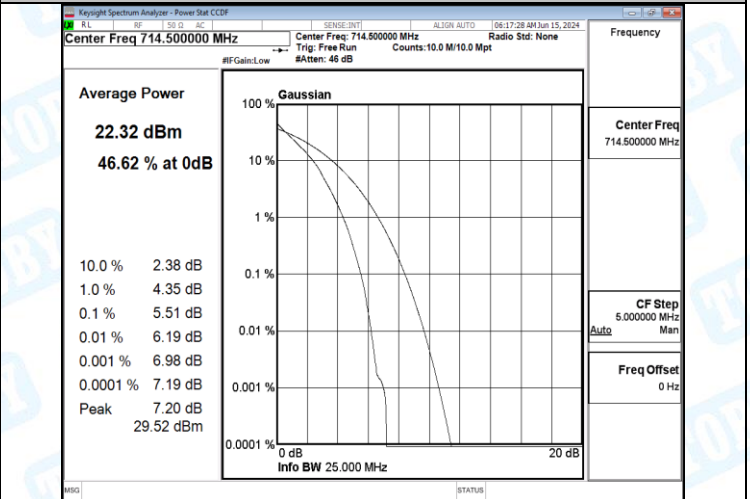
Band12-3MHz-QPSK-23165-1RB#0-PASS



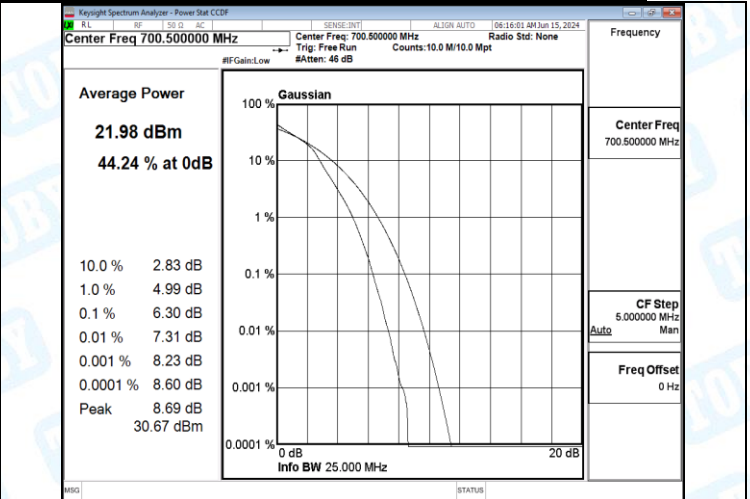
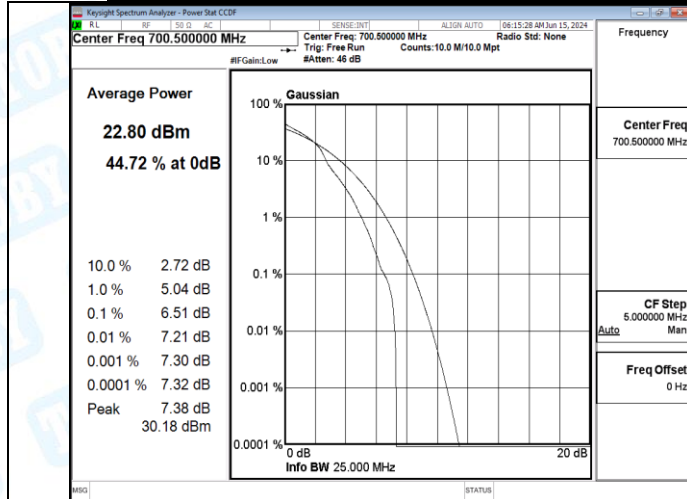
Band12-3MHz-QPSK-23165-15RB#0-PASS



Band12-3MHz-16QAM-23025-1RB#0-PASS

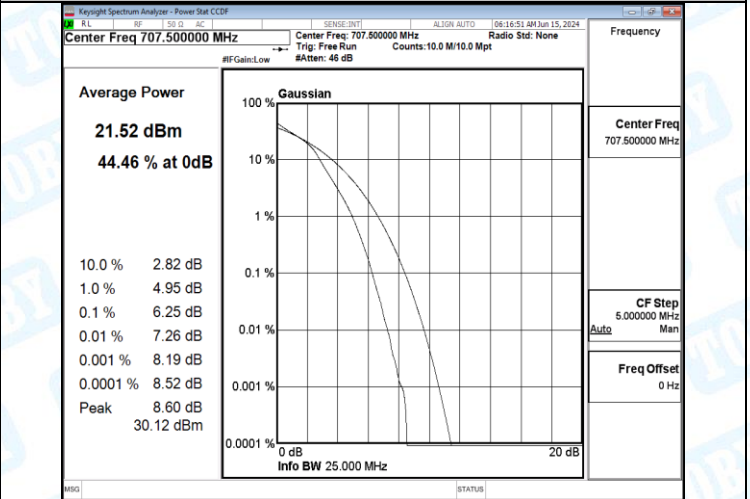
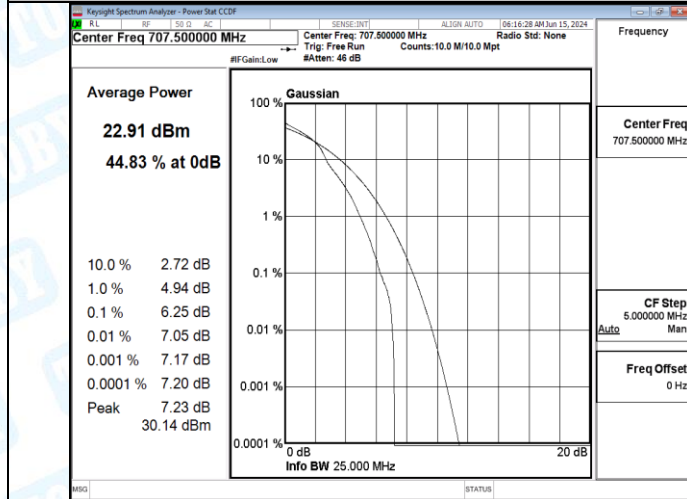


Band12-3MHz-16QAM-23025-15RB#0-PASS



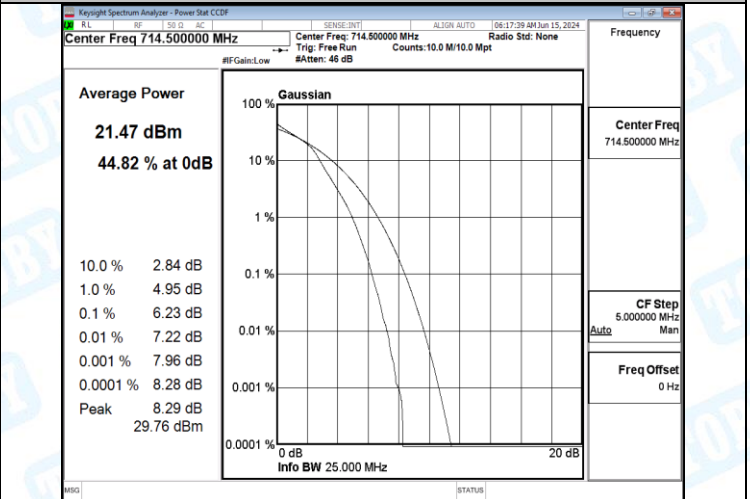
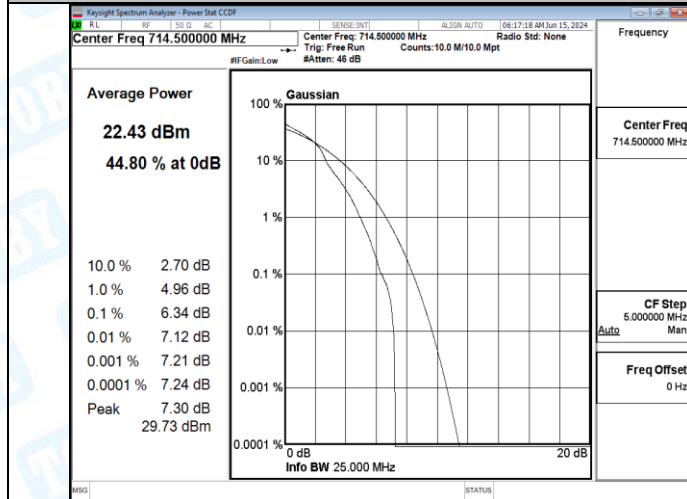
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Band12-3MHz-16QAM-23095-15RB#0-PASS



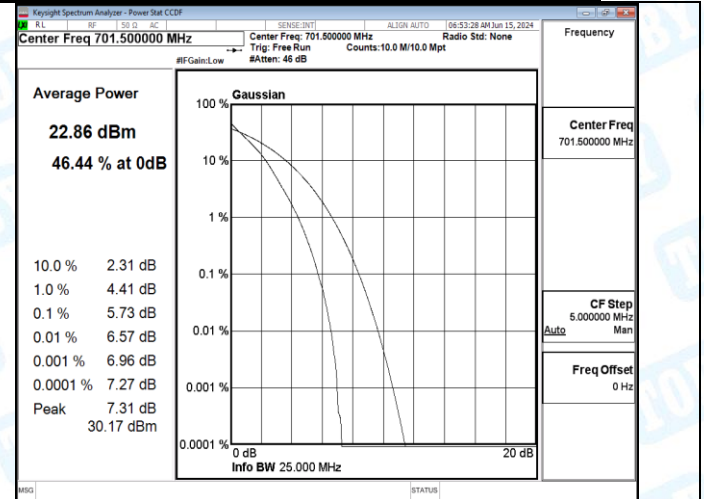
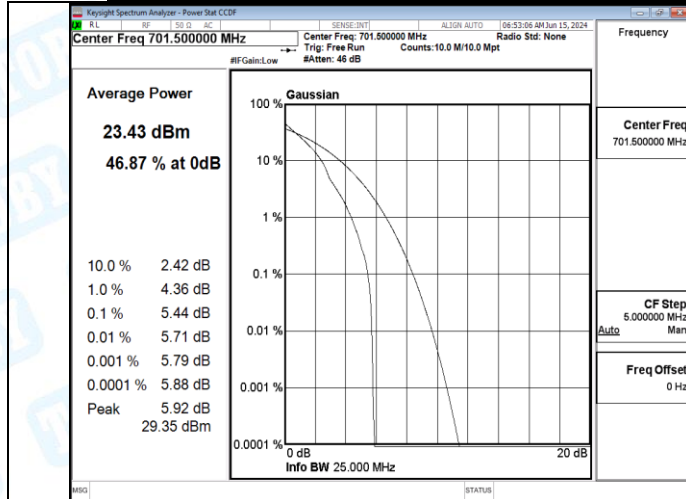
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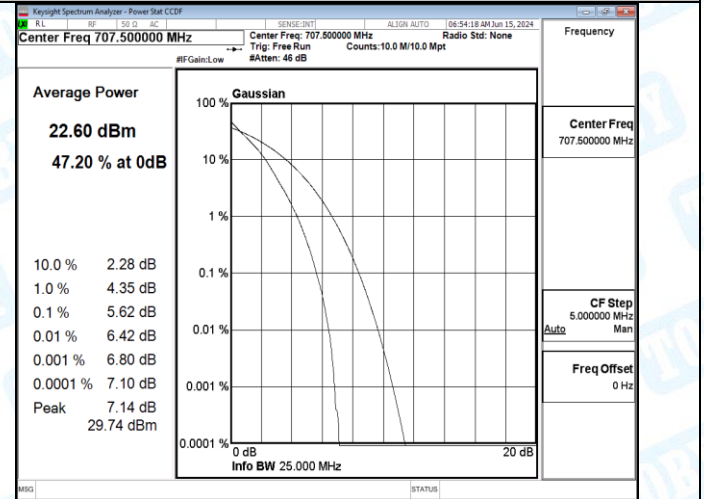
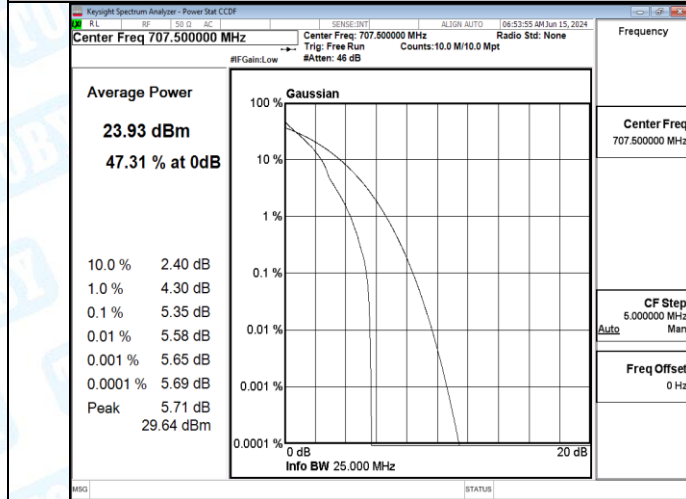
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Band12-5MHz-QPSK-23035-25RB#0-PASS



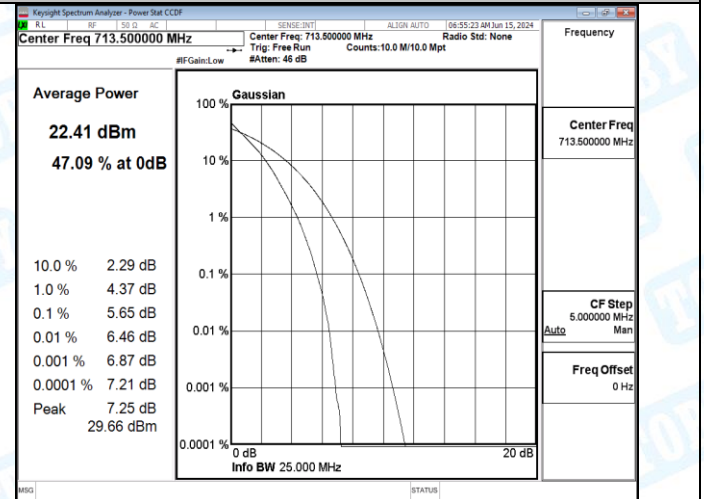
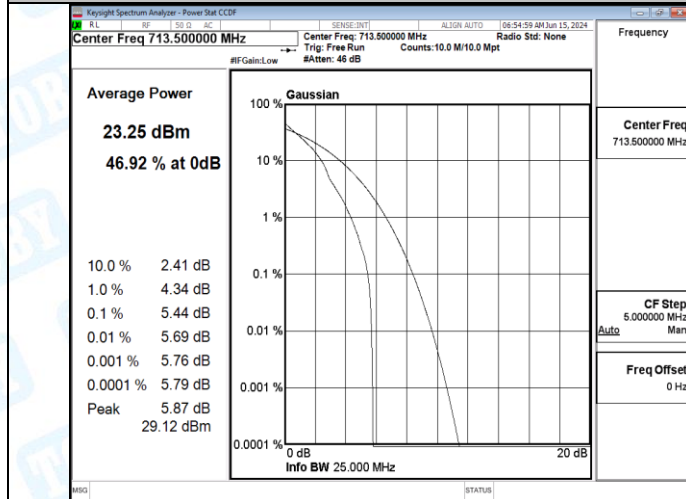
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Band12-5MHz-QPSK-23095-25RB#0-PASS



Band12-5MHz-QPSK-23155-1RB#0-PASS

Band12-5MHz-QPSK-23155-25RB#0-PASS



Band12-5MHz-16QAM-23035-1RB#0-PASS

Band12-5MHz-16QAM-23035-25RB#0-PASS