FCC LTE Band12 Test Data

General Description of EUT	
Product Name:	Industrial router
Test Model:	ZR2720N
Sample ID:	202305-0244-4#2
Environmental Conditions	
Temperature:	25℃
Relative Humidity:	55%
Test Voltage:	DC 12V
Test Engineer:	Huang jian ping
Note: For a more detailed features description, please refer to the report TBR-C-202305-0244-51 The report only show the worst case data.	

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1. Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	22.91	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.56	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.58	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	22.49	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	22.70	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	22.49	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.69	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.75	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.83	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.93	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	22.80	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	22.78	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	22.91	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.91	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.70	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.89	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.08	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.90	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.88	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.94	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.96	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.47	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	21.72	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	21.32	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.35	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.32	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.49	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.53	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.76	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.15	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	21.78	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	21.30	PASS

Band12	1.4MHz	16QAM	23095	3RB#1	21.65	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.67	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	20.33	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.80	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.29	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.17	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.86	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.83	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.73	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.04	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.64	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.68	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.60	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.80	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.72	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.81	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.64	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.61	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.73	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.89	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.93	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.91	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.87	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.96	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.92	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.79	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.71	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.11	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.03	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.88	PASS
Band12	3MHz	QPSK	23165	15RB#0	22.01	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.76	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.73	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.70	PASS
Band12	3MHz	16QAM	23025	8RB#0	20.89	PASS
Band12	3MHz	16QAM	23025	8RB#4	20.68	PASS
Band12	3MHz	16QAM	23025	8RB#7	20.67	PASS

Band12	3MHz	16QAM	23025	15RB#0	20.56	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.87	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.74	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.63	PASS
Band12	3MHz	16QAM	23095	8RB#0	20.61	PASS
Band12	3MHz	16QAM	23095	8RB#4	20.58	PASS
Band12	3MHz	16QAM	23095	8RB#7	20.99	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.84	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.91	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.72	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.80	PASS
Band12	3MHz	16QAM	23165	8RB#0	20.96	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.95	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.14	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.05	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.56	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.72	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.69	PASS
Band12	5MHz	QPSK	23035	12RB#0	21.61	PASS
Band12	5MHz	QPSK	23035	12RB#6	21.59	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.67	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.72	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.70	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.03	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.88	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.87	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.93	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.99	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.87	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.94	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.97	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.75	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.04	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.95	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.89	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.91	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.09	PASS

Band12	5MHz	16QAM	23035	1RB#12	21.07	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.43	PASS
Band12	5MHz	16QAM	23035	12RB#0	20.57	PASS
Band12	5MHz	16QAM	23035	12RB#6	20.65	PASS
Band12	5MHz	16QAM	23035	12RB#13	20.69	PASS
Band12	5MHz	16QAM	23035	25RB#0	20.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.73	PASS
Band12	5MHz	16QAM	23095	1RB#12	21.99	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.06	PASS
Band12	5MHz	16QAM	23095	12RB#0	20.42	PASS
Band12	5MHz	16QAM	23095	12RB#6	20.59	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.69	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.89	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.21	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.43	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.74	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.94	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.94	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.68	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.92	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.35	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.82	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.87	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.64	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.64	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.96	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.74	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.56	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.19	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.69	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.83	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.82	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.06	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.82	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.89	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.15	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.53	PASS

Band12	10MHz	QPSK	23130	25RB#0	21.99	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.01	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.87	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.99	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.52	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.01	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.94	PASS
Band12	10MHz	16QAM	23060	25RB#0	20.69	PASS
Band12	10MHz	16QAM	23060	25RB#12	20.69	PASS
Band12	10MHz	16QAM	23060	25RB#25	20.91	PASS
Band12	10MHz	16QAM	23060	50RB#0	20.67	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.60	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.65	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.70	PASS
Band12	10MHz	16QAM	23095	25RB#0	20.91	PASS
Band12	10MHz	16QAM	23095	25RB#12	20.85	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.16	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.80	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.34	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.75	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.94	PASS
Band12	10MHz	16QAM	23130	25RB#0	20.90	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.01	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.00	PASS
Band12	10MHz	16QAM	23130	50RB#0	20.86	PASS

2. Peak-to-Average Ratio(CCDF)

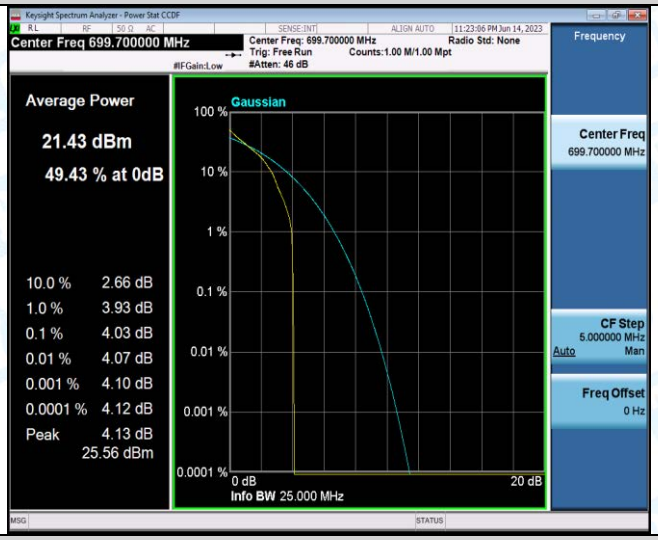
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	4.03	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.00	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.33	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.99	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3.68	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.39	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.01	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.91	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.15	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.97	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.64	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.33	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.23	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	4.94	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.29	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.21	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	3.45	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.29	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.15	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.78	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.04	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.05	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	4.49	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.18	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.49	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.06	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.31	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.20	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.12	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.58	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.28	13	PASS

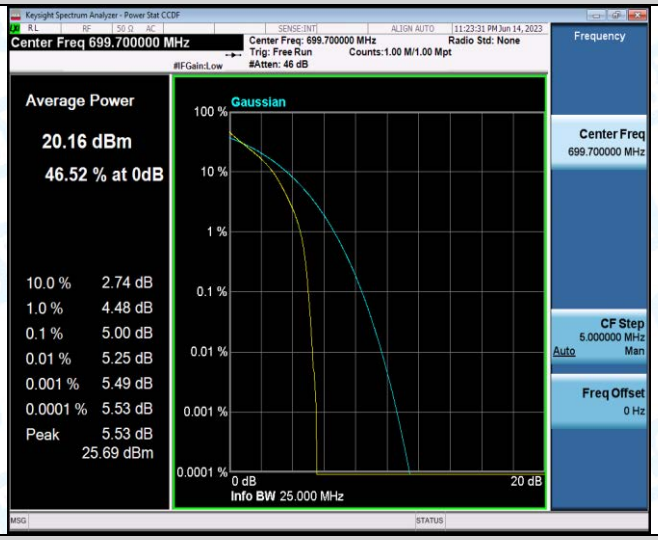
Band12	5MHz	16QAM	23035	25RB#0	5.79	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.01	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.01	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	4.86	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.37	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	4.30	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.03	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.38	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.95	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.35	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	4.82	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.16	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.95	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.21	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.89	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.17	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.72	13	PASS

Test Graphs

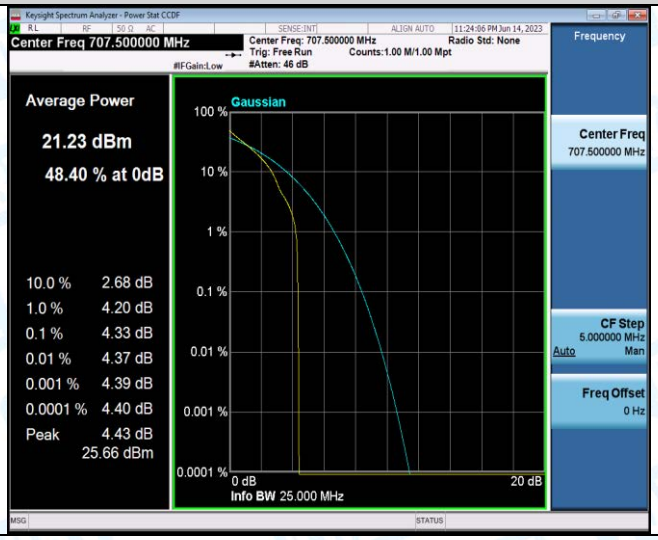
Band12-1.4MHz-QPSK-23017-1RB#0



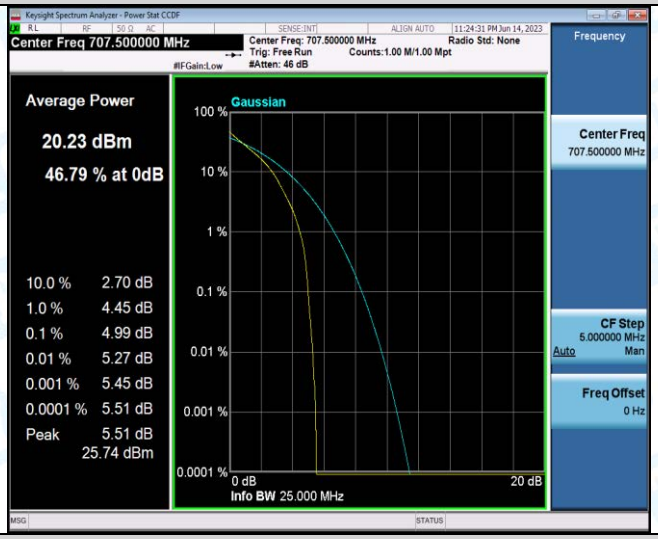
Band12-1.4MHz-QPSK-23017-6RB#0



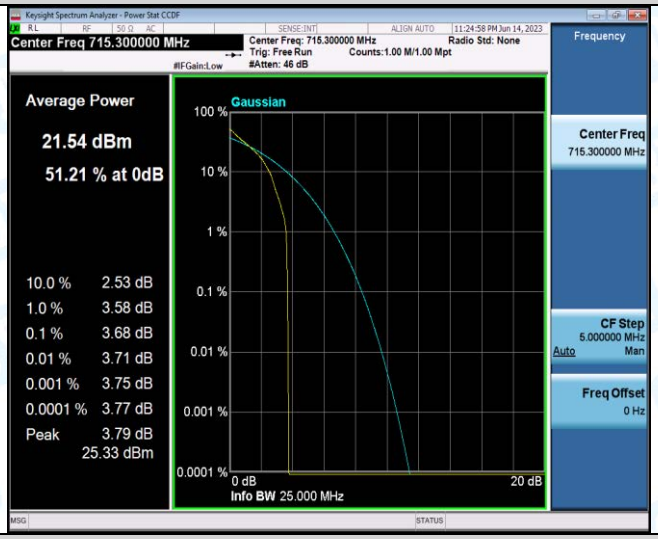
Band12-1.4MHz-QPSK-23095-1RB#0



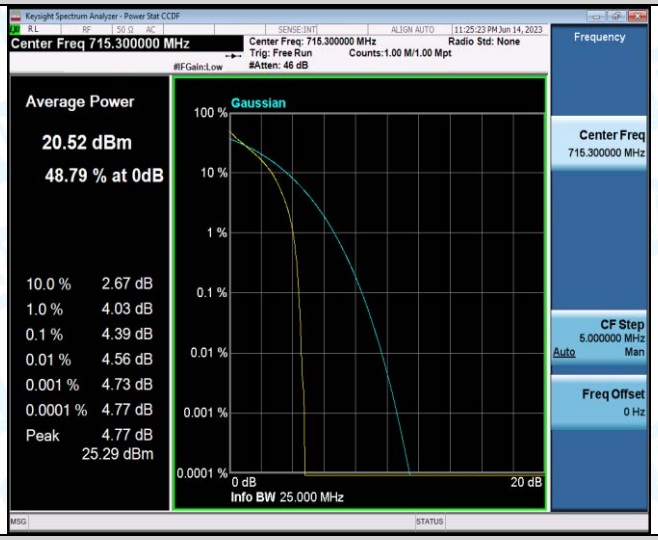
Band12-1.4MHz-QPSK-23095-6RB#0



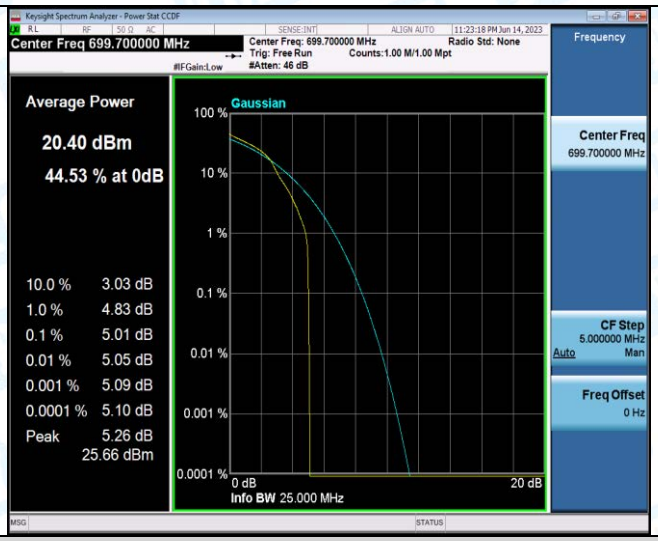
Band12-1.4MHz-QPSK-23173-1RB#0



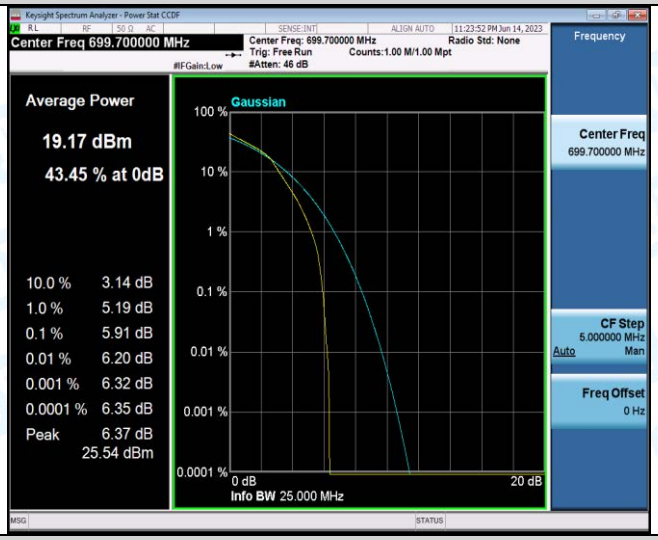
Band12-1.4MHz-QPSK-23173-6RB#0



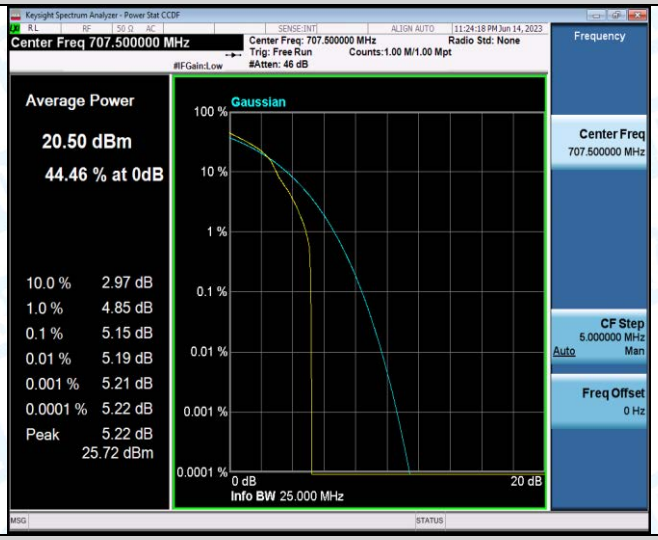
Band12-1.4MHz-16QAM-23017-1RB#0



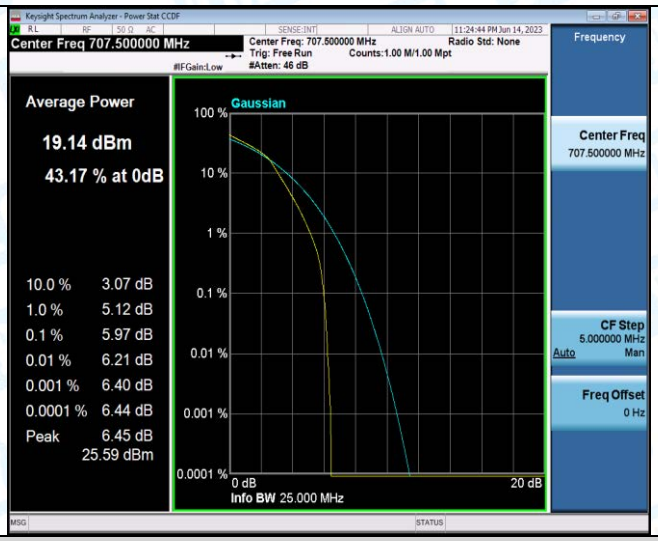
Band12-1.4MHz-16QAM-23017-6RB#0



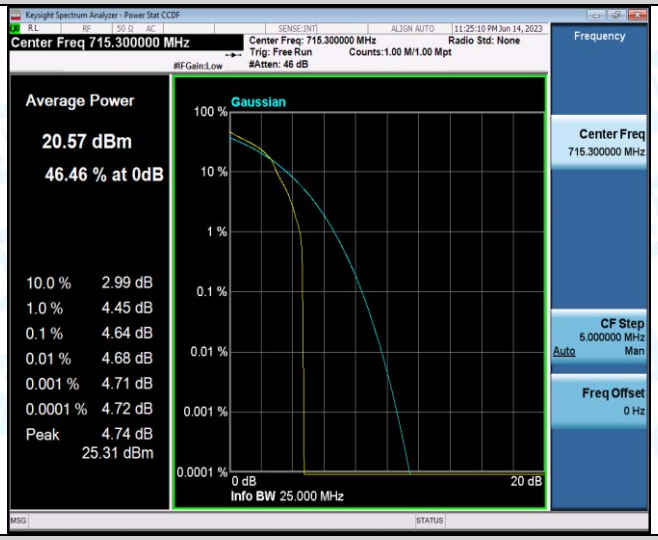
Band12-1.4MHz-16QAM-23095-1RB#0



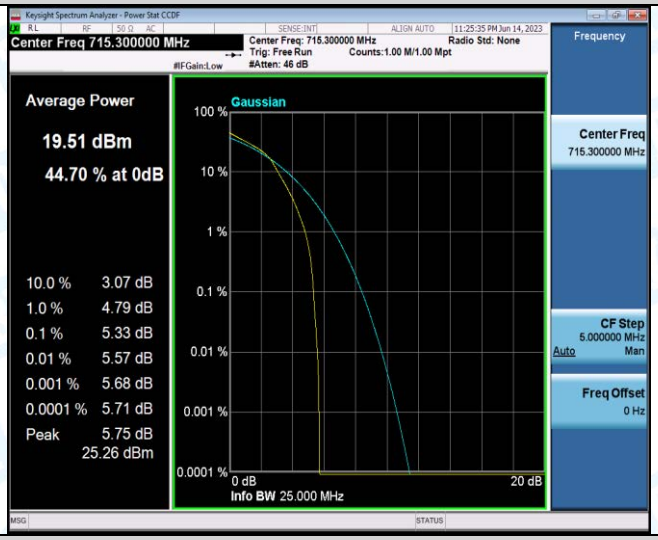
Band12-1.4MHz-16QAM-23095-6RB#0



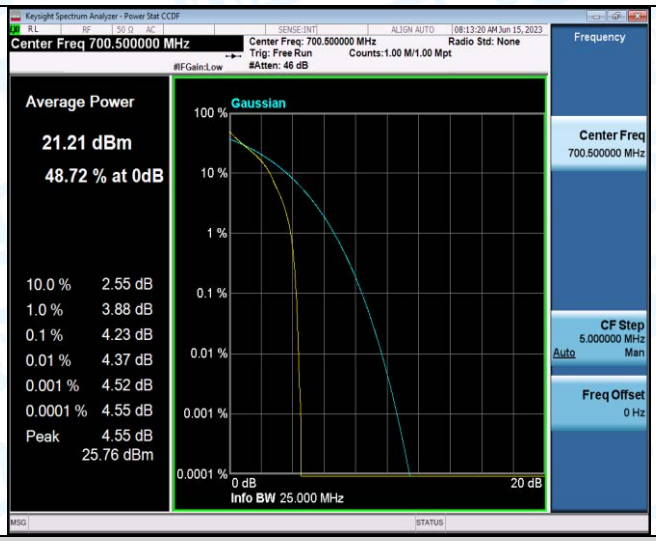
Band12-1.4MHz-16QAM-23173-1RB#0



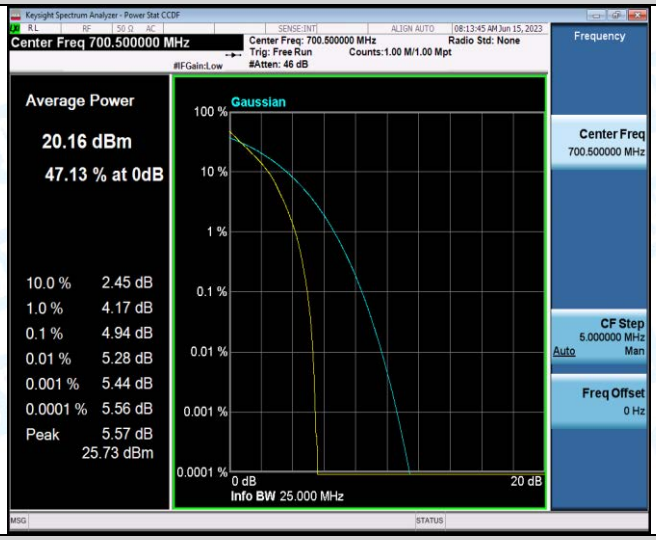
Band12-1.4MHz-16QAM-23173-6RB#0



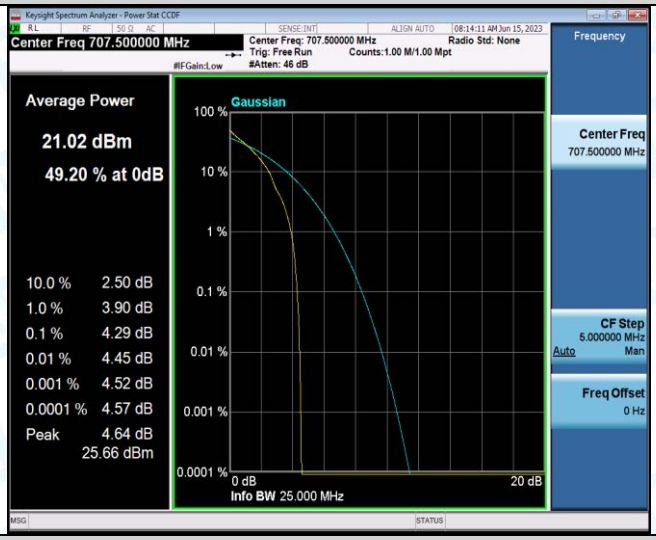
Band12-3MHz-QPSK-23025-1RB#0



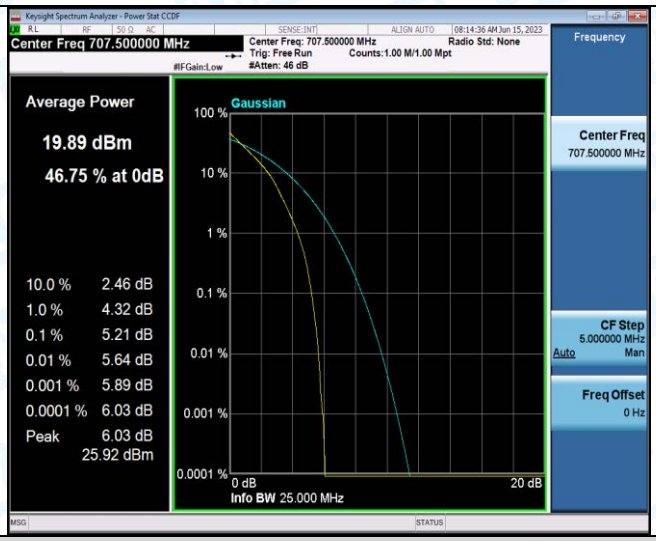
Band12-3MHz-QPSK-23025-15RB#0



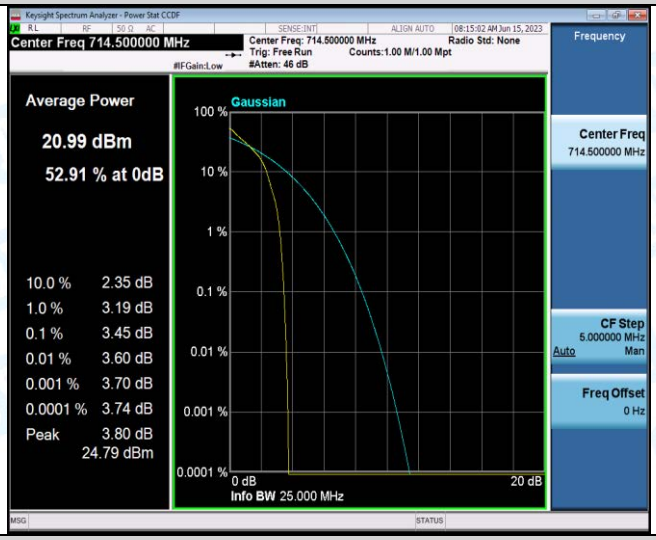
Band12-3MHz-QPSK-23095-1RB#0



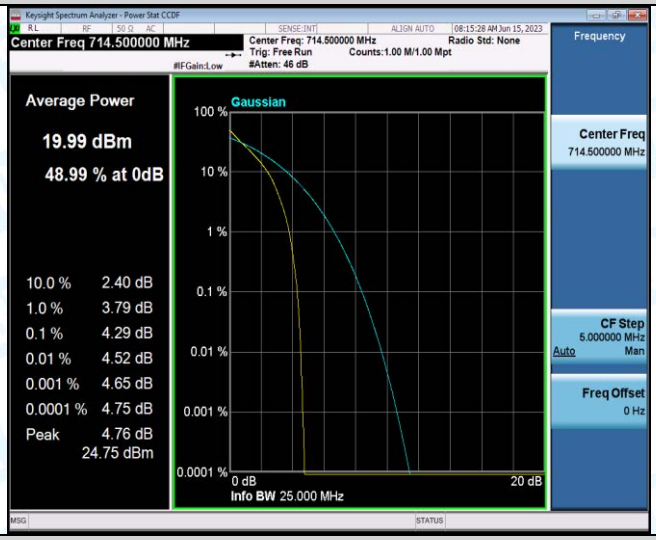
Band12-3MHz-QPSK-23095-15RB#0



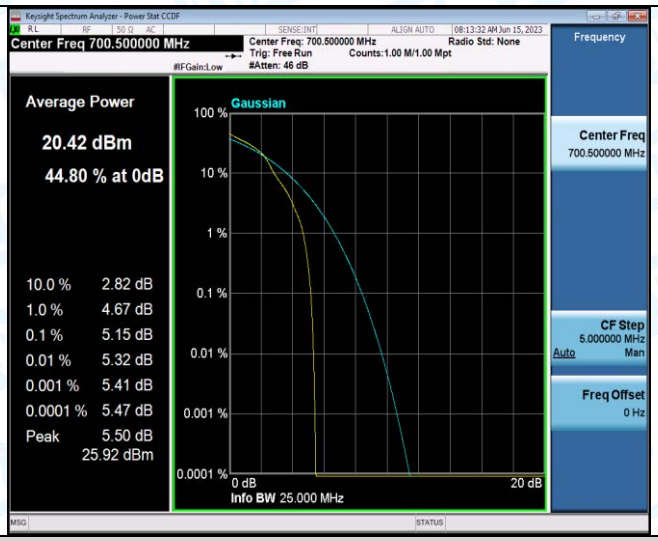
Band12-3MHz-QPSK-23165-1RB#0



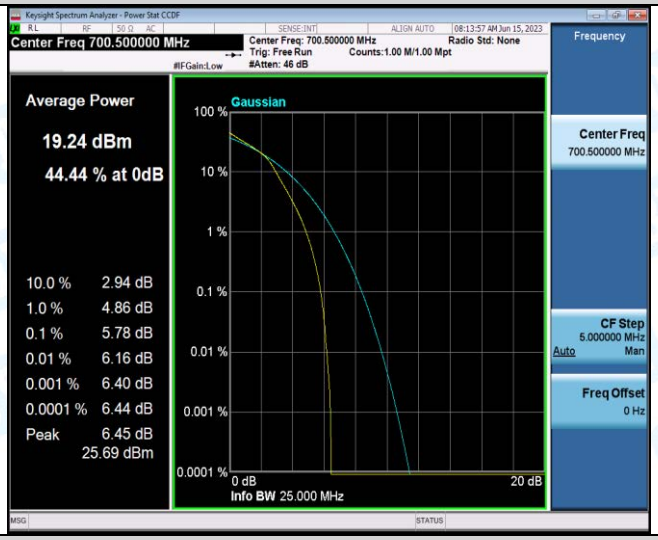
Band12-3MHz-QPSK-23165-15RB#0



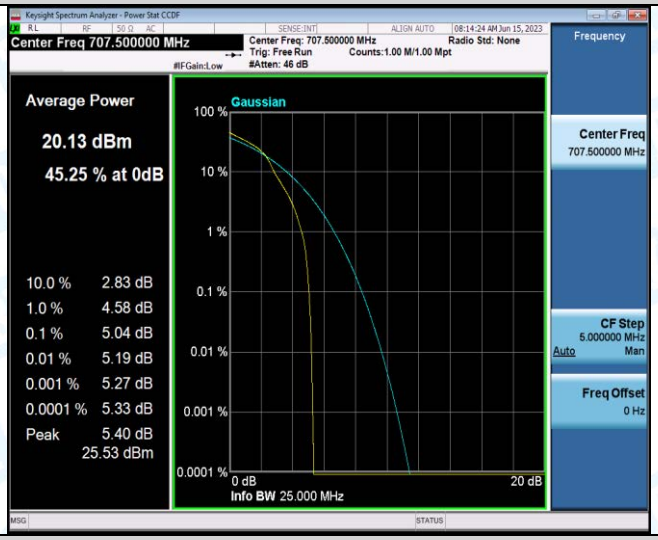
Band12-3MHz-16QAM-23025-1RB#0



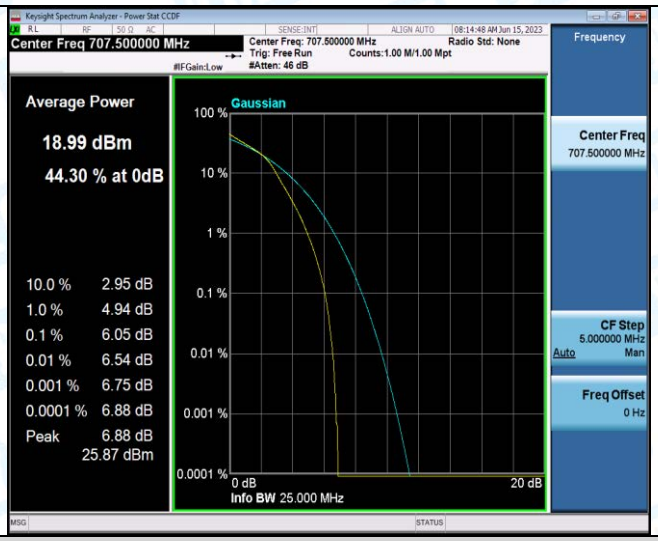
Band12-3MHz-16QAM-23025-15RB#0



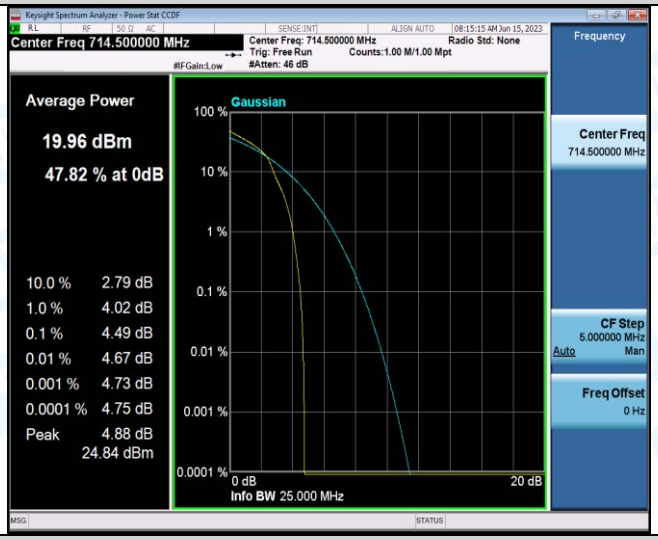
Band12-3MHz-16QAM-23095-1RB#0



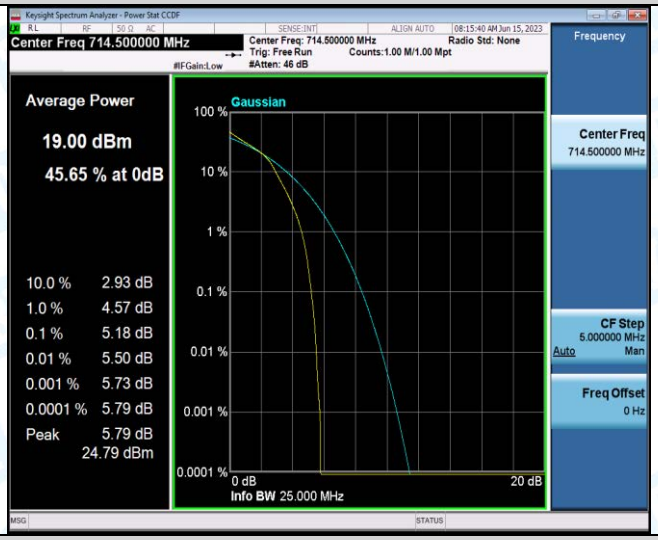
Band12-3MHz-16QAM-23095-15RB#0



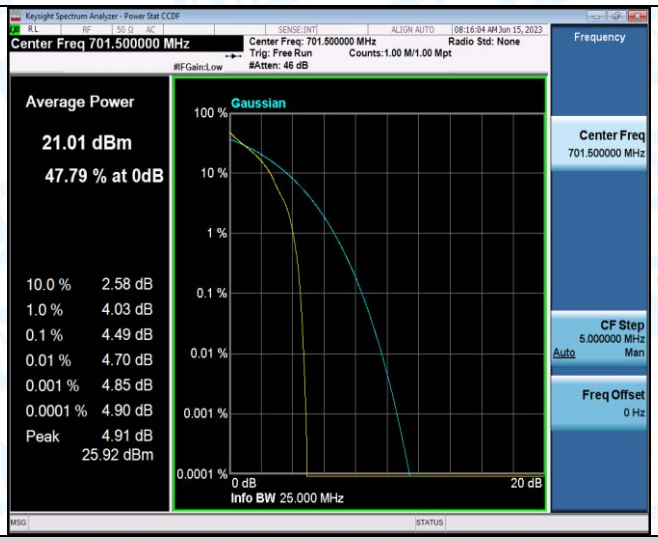
Band12-3MHz-16QAM-23165-1RB#0



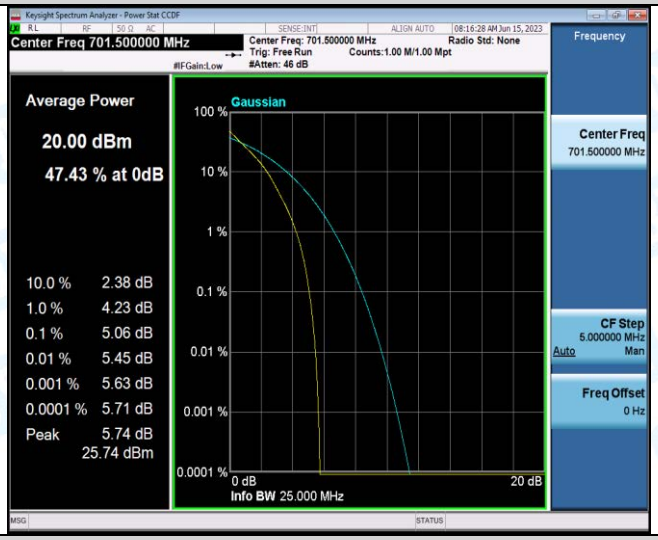
Band12-3MHz-16QAM-23165-15RB#0



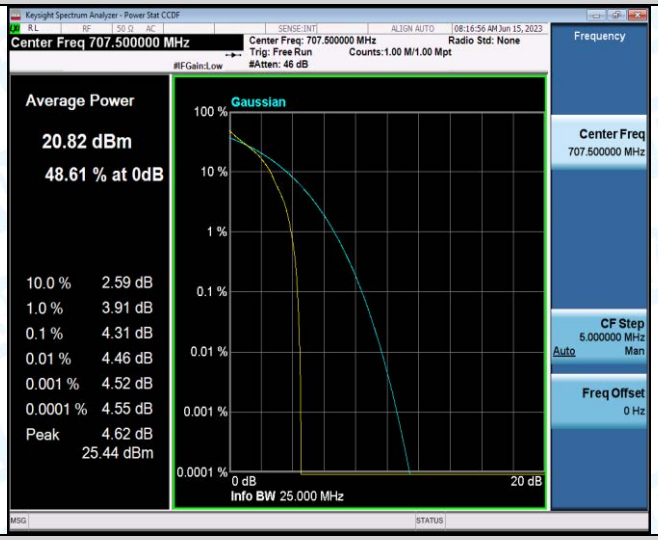
Band12-5MHz-QPSK-23035-1RB#0



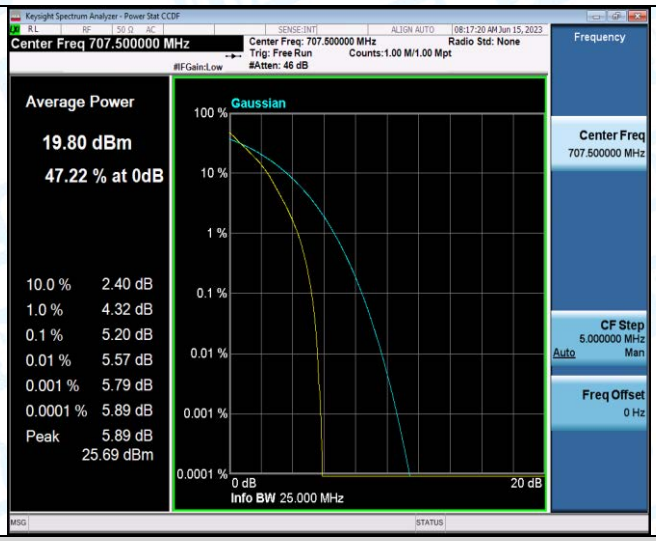
Band12-5MHz-QPSK-23035-25RB#0



Band12-5MHz-QPSK-23095-1RB#0



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



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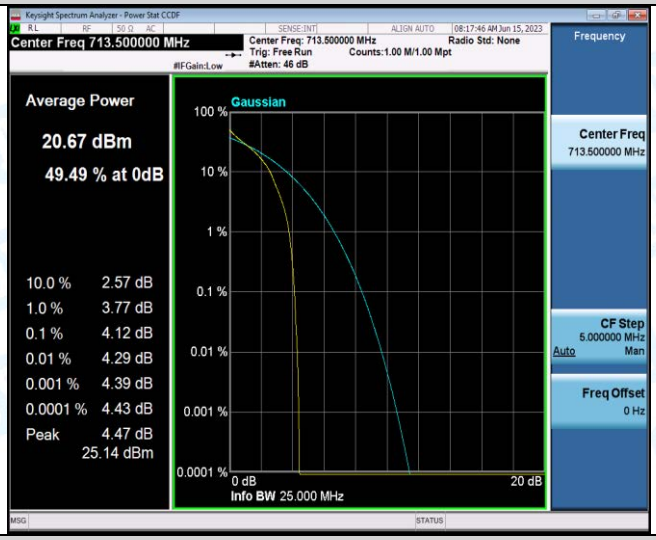

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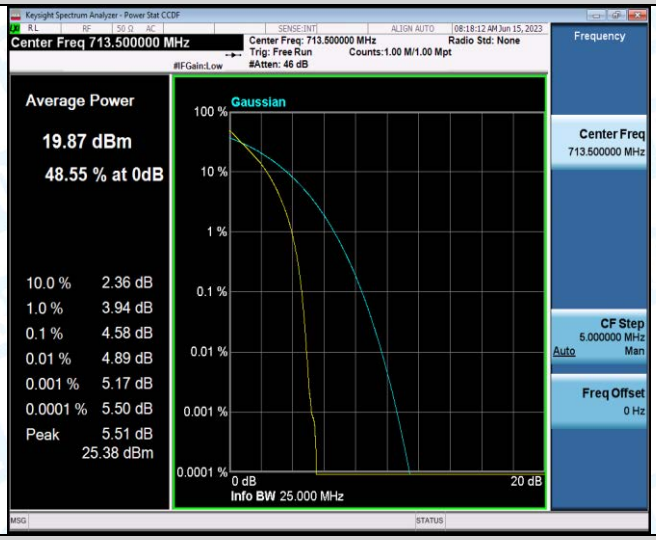

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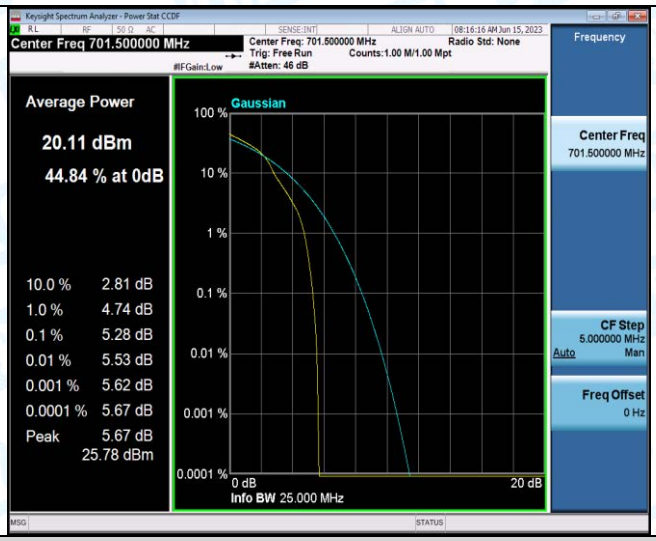

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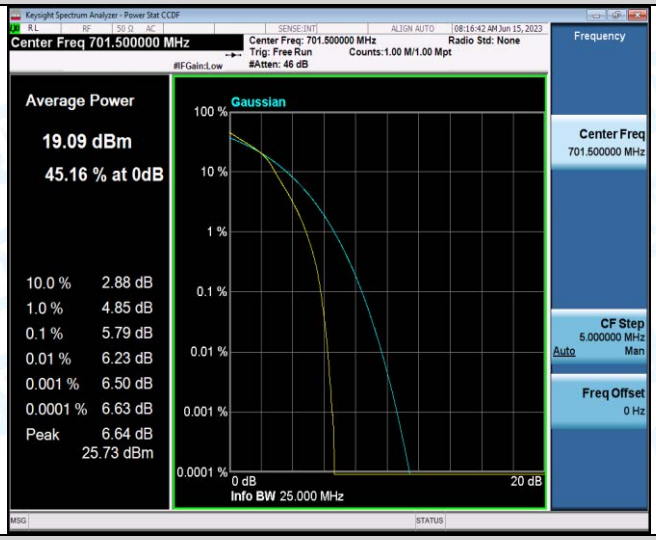

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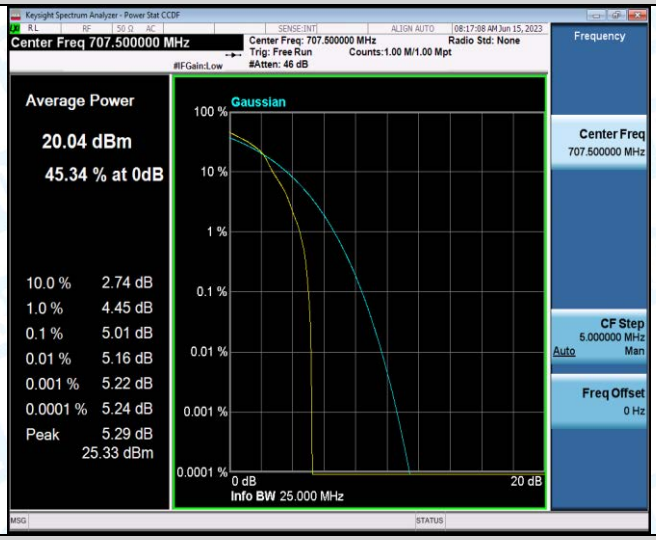
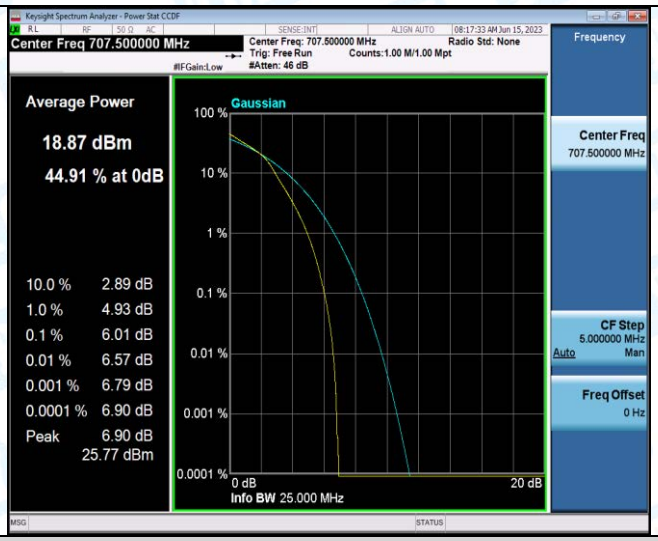
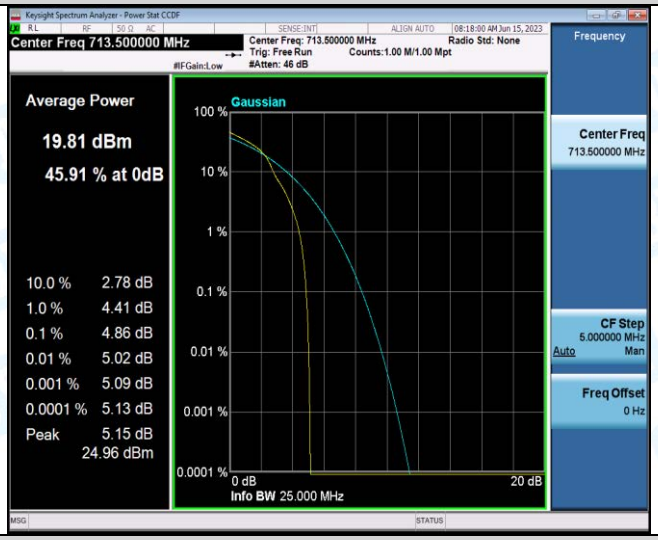


Band12-5MHz-16QAM-23095-25RB#0



Band12-5MHz-16QAM-23155-1RB#0



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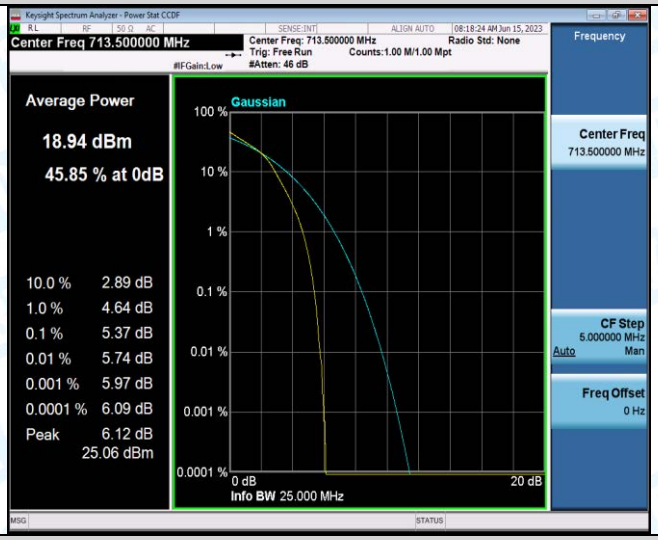

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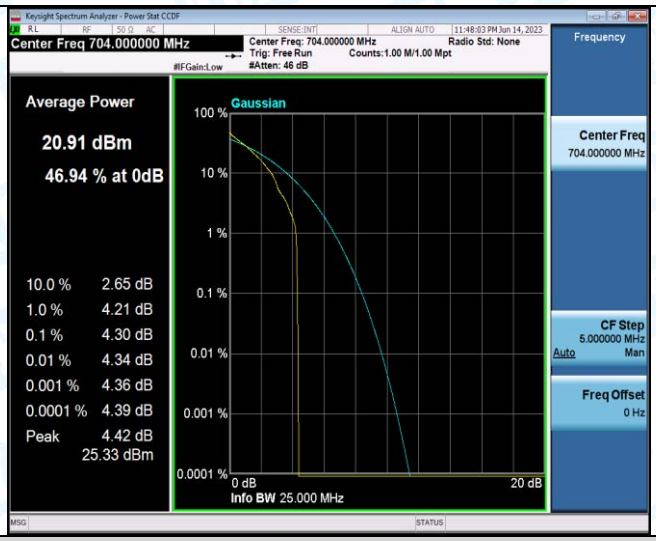
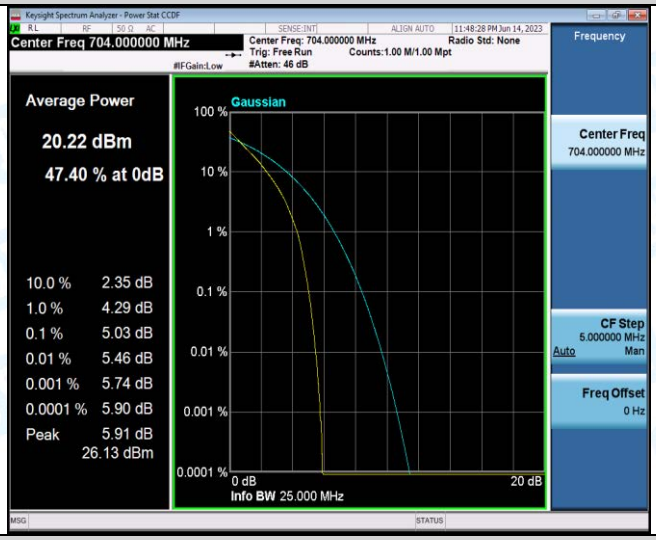
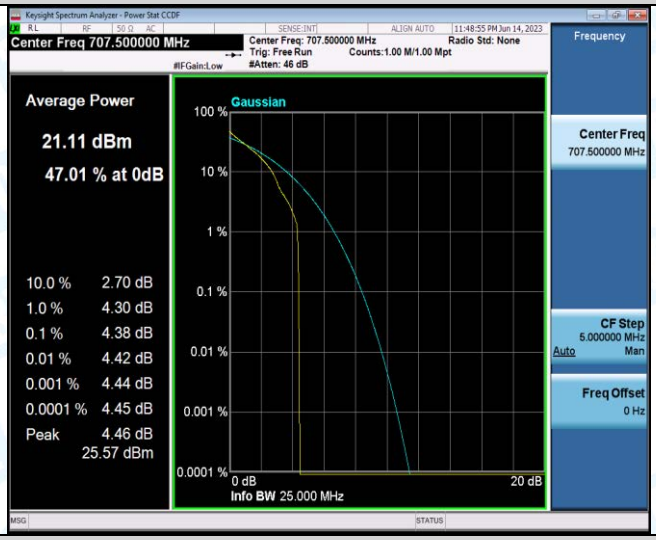


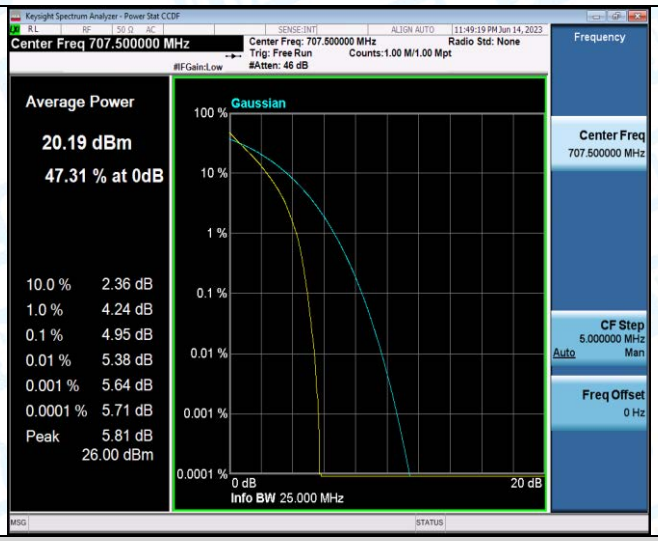
Band12-10MHz-QPSK-23060-50RB#0



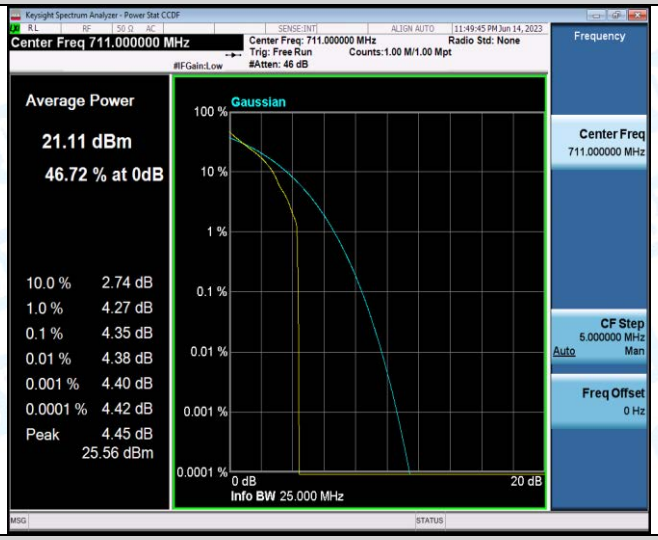
Band12-10MHz-QPSK-23095-1RB#0



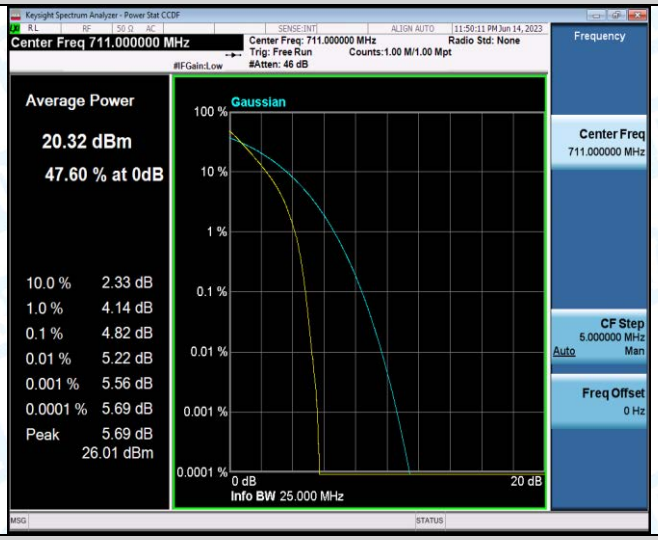
Band12-10MHz-QPSK-23095-50RB#0



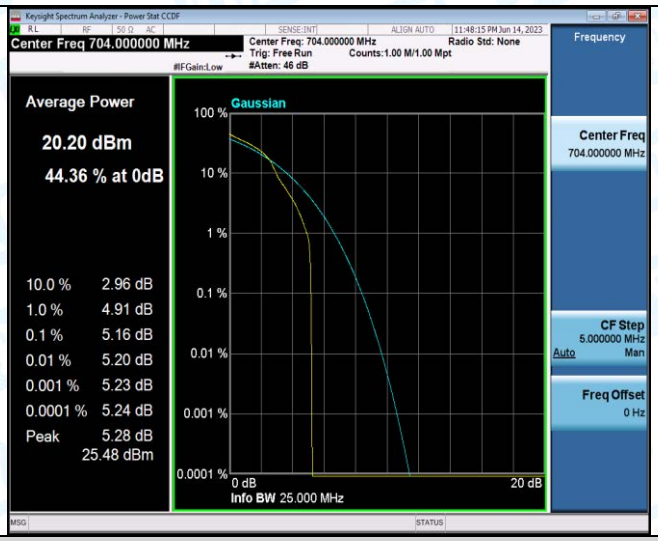
Band12-10MHz-QPSK-23130-1RB#0



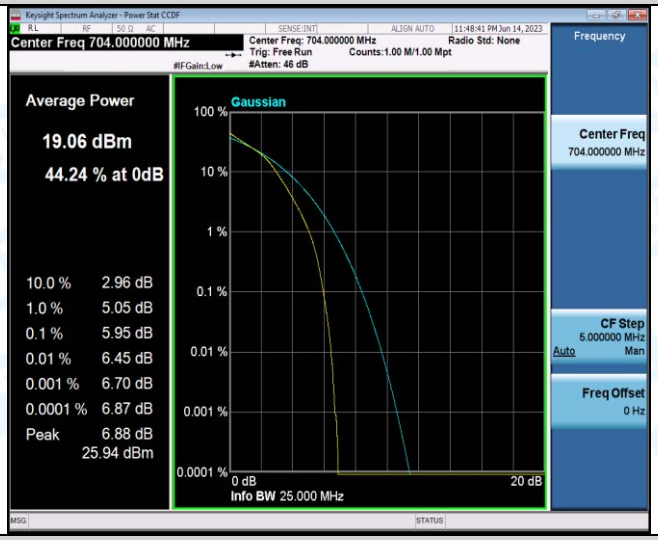
Band12-10MHz-QPSK-23130-50RB#0



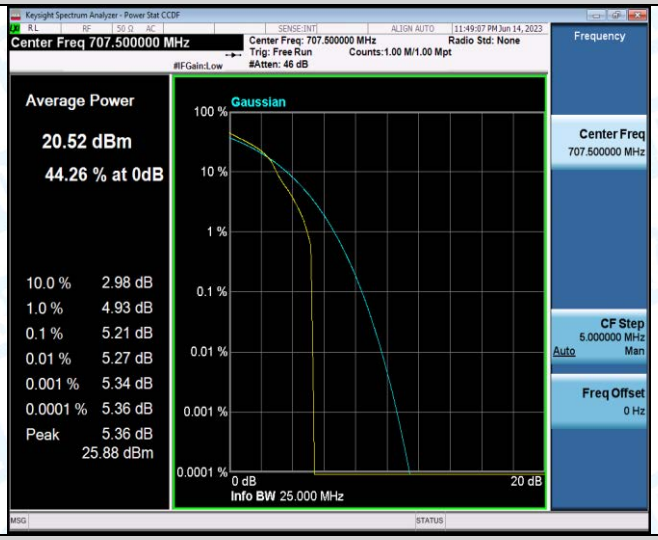
Band12-10MHz-16QAM-23060-1RB#0



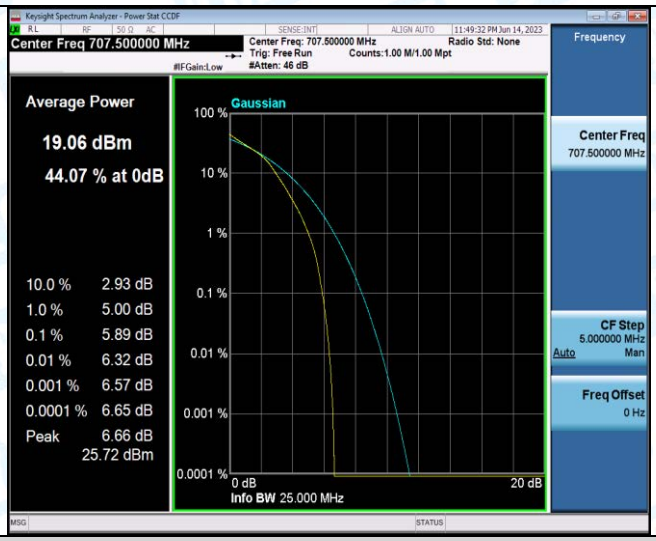
Band12-10MHz-16QAM-23060-50RB#0



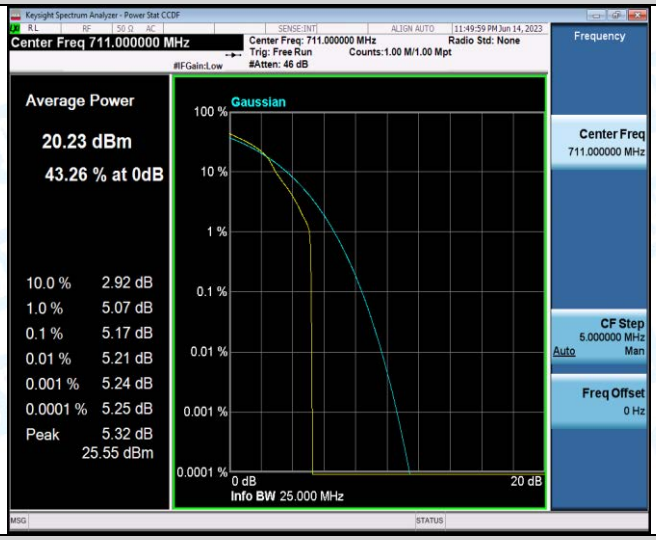
Band12-10MHz-16QAM-23095-1RB#0



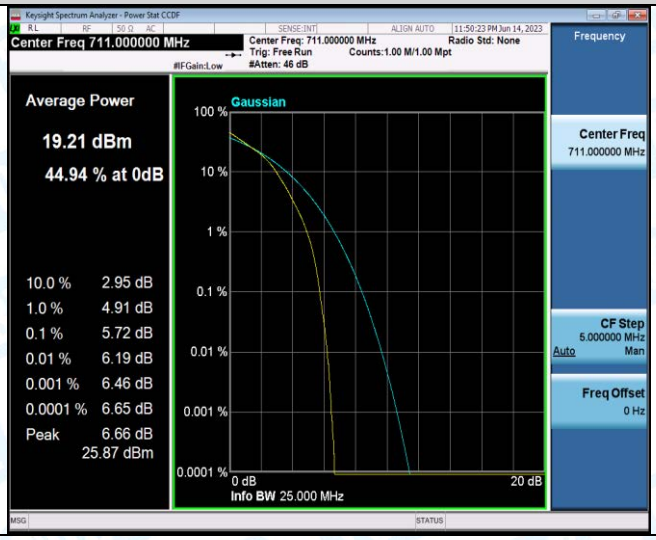
Band12-10MHz-16QAM-23095-50RB#0



Band12-10MHz-16QAM-23130-1RB#0



Band12-10MHz-16QAM-23130-50RB#0



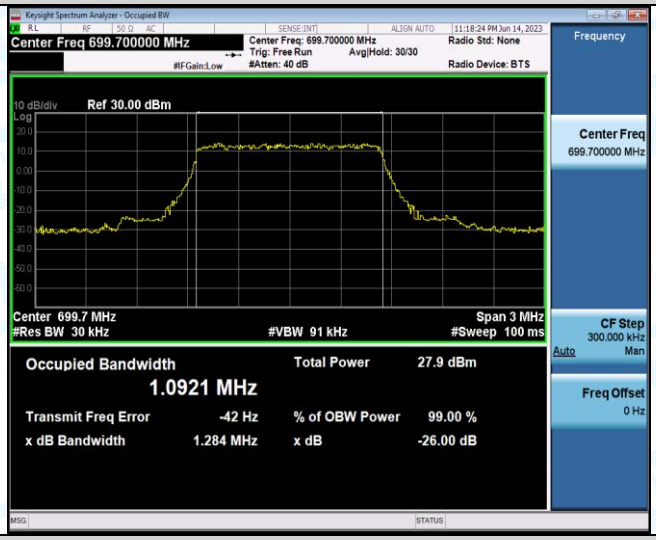
3. 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0921	1.284	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0993	1.281	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0951	1.310	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1001	1.297	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0934	1.285	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0996	1.290	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6995	2.958	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7004	2.969	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7012	2.969	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6943	2.967	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6977	2.971	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6992	2.969	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5198	5.014	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4965	4.999	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5113	5.010	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4989	4.995	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5126	5.026	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4982	4.992	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9741	9.971	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9762	9.865	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9734	9.896	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9654	9.820	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9625	9.868	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9586	9.850	PASS

Test Graphs

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



Band12-1.4MHz-QPSK-23095-6RB#0

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

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

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

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

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

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

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

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

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

Band12-3MHz-16QAM-23165-15RB#0

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

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

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

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

Band12-5MHz-16QAM-23095-25RB#0

Band12-5MHz-16QAM-23155-25RB#0

Band12-10MHz-QPSK-23060-50RB#0

Band12-10MHz-QPSK-23095-50RB#0

Band12-10MHz-QPSK-23130-50RB#0

Band12-10MHz-16QAM-23060-50RB#0

Band12-10MHz-16QAM-23095-50RB#0

Band12-10MHz-16QAM-23130-50RB#0

Keysight Spectrum Analyzer - Occupied BW
Center Freq 711.000000 MHz
Center Freq: 711.000000 MHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
11:43:51 PM Jun 14, 2023
Frequency
10 dB/div
Ref 30.00 dBm
Center Freq
711.000000 MHz
Center 711 MHz
#Res BW 200 kHz
#VBW 620 kHz
Span 20 MHz
#Sweep 100 ms
CF Step
2.000000 MHz
Auto
Man
Occupied Bandwidth
8.9586 MHz
Total Power 28.2 dBm
Transmit Freq Error 5.891 kHz
% of OBW Power 99.00 %
x dB Bandwidth 9.850 MHz
x dB -26.00 dB
Freq Offset
0 Hz

4. Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-37.83,-22.52	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-27.72,-49.73	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-35.72,-30.62	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-49.35,-27.41	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-21.15,-35.61	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-27.65,-29.46	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-40.78,-23.95	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-29.15,-49.98	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-36.57,-31.09	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-49.32,-28.76	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-23.17,-37.33	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-30.16,-31.74	PASS
Band12	3MHz	QPSK	23025	1RB#0	-31.96,-20.16	PASS
Band12	3MHz	QPSK	23025	1RB#14	-45.64,-53.41	PASS
Band12	3MHz	QPSK	23025	15RB#0	-35.09,-27.53	PASS
Band12	3MHz	QPSK	23165	1RB#0	-53.71,-46.25	PASS
Band12	3MHz	QPSK	23165	1RB#14	-19.00,-30.92	PASS
Band12	3MHz	QPSK	23165	15RB#0	-28.44,-36.47	PASS
Band12	3MHz	16QAM	23025	1RB#0	-34.45,-20.78	PASS
Band12	3MHz	16QAM	23025	1RB#14	-46.62,-53.62	PASS
Band12	3MHz	16QAM	23025	15RB#0	-35.10,-29.59	PASS
Band12	3MHz	16QAM	23165	1RB#0	-54.20,-47.48	PASS
Band12	3MHz	16QAM	23165	1RB#14	-20.32,-32.30	PASS
Band12	3MHz	16QAM	23165	15RB#0	-29.85,-36.68	PASS
Band12	5MHz	QPSK	23035	1RB#0	-18.31	PASS
Band12	5MHz	QPSK	23035	1RB#24	-53.06	PASS
Band12	5MHz	QPSK	23035	25RB#0	-27.84	PASS
Band12	5MHz	QPSK	23155	1RB#0	-53.03	PASS
Band12	5MHz	QPSK	23155	1RB#24	-19.35	PASS
Band12	5MHz	QPSK	23155	25RB#0	-28.54	PASS
Band12	5MHz	16QAM	23035	1RB#0	-21.12	PASS
Band12	5MHz	16QAM	23035	1RB#24	-53.19	PASS
Band12	5MHz	16QAM	23035	25RB#0	-28.73	PASS

Band12	5MHz	16QAM	23155	1RB#0	-53.25	PASS
Band12	5MHz	16QAM	23155	1RB#24	-19.81	PASS
Band12	5MHz	16QAM	23155	25RB#0	-29.45	PASS
Band12	10MHz	QPSK	23060	1RB#0	-35.52,-28.28	PASS
Band12	10MHz	QPSK	23060	1RB#49	-50.30,-49.25	PASS
Band12	10MHz	QPSK	23060	50RB#0	-33.66,-31.34	PASS
Band12	10MHz	QPSK	23130	1RB#0	-49.92,-50.56	PASS
Band12	10MHz	QPSK	23130	1RB#49	-27.25,-35.36	PASS
Band12	10MHz	QPSK	23130	50RB#0	-31.91,-34.41	PASS
Band12	10MHz	16QAM	23060	1RB#0	-36.92,-28.91	PASS
Band12	10MHz	16QAM	23060	1RB#49	-49.95,-49.11	PASS
Band12	10MHz	16QAM	23060	50RB#0	-34.91,-32.60	PASS
Band12	10MHz	16QAM	23130	1RB#0	-49.77,-50.47	PASS
Band12	10MHz	16QAM	23130	1RB#49	-27.62,-35.37	PASS
Band12	10MHz	16QAM	23130	50RB#0	-32.93,-35.24	PASS

Test Graphs

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

Band12-1.4MHz-QPSK-23017-1RB#5

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

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

Band12-1.4MHz-QPSK-23173-1RB#5

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

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