



LTE - Bnad7 RF Test Data

Product Name: Cloud Speaker

Test Model: CS20-1

Environmental Conditions

Temperature:	24.6° C
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Simba Huang
Supervised by:	Seal Chen



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Appendix A: Conducted Output Power

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	E.I.R.P. (dBm)	Verdict
Band1 2	1.4MHz	QPSK	23017	1RB#0	22.28	20.05	PASS
Band1 2	1.4MHz	QPSK	23017	1RB#2	22.85	20.62	PASS
Band1 2	1.4MHz	QPSK	23017	1RB#5	22.78	20.55	PASS
Band1 2	1.4MHz	QPSK	23017	3RB#0	22.81	20.58	PASS
Band1 2	1.4MHz	QPSK	23017	3RB#1	22.83	20.6	PASS
Band1 2	1.4MHz	QPSK	23017	3RB#3	22.84	20.61	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	21.79	19.56	PASS
Band1 2	1.4MHz	QPSK	23095	1RB#0	22.82	20.59	PASS
Band1 2	1.4MHz	QPSK	23095	1RB#2	22.92	20.69	PASS
Band1 2	1.4MHz	QPSK	23095	1RB#5	22.83	20.6	PASS
Band1 2	1.4MHz	QPSK	23095	3RB#0	22.94	20.71	PASS
Band1 2	1.4MHz	QPSK	23095	3RB#1	22.94	20.71	PASS
Band1 2	1.4MHz	QPSK	23095	3RB#3	23.04	20.81	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	21.92	19.69	PASS
Band1 2	1.4MHz	QPSK	23173	1RB#0	23.41	21.18	PASS
Band1 2	1.4MHz	QPSK	23173	1RB#2	23.55	21.32	PASS



Band1 2	1.4MHz	QPSK	23173	1RB#5	23.31	21.08	PASS
Band1 2	1.4MHz	QPSK	23173	3RB#0	23.57	21.34	PASS
Band1 2	1.4MHz	QPSK	23173	3RB#1	23.54	21.31	PASS
Band1 2	1.4MHz	QPSK	23173	3RB#3	23.47	21.24	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	22.50	20.27	PASS
Band1 2	1.4MHz	16QAM	23017	1RB#0	21.64	19.41	PASS
Band1 2	1.4MHz	16QAM	23017	1RB#2	21.82	19.59	PASS
Band1 2	1.4MHz	16QAM	23017	1RB#5	21.68	19.45	PASS
Band1 2	1.4MHz	16QAM	23017	3RB#0	21.63	19.4	PASS
Band1 2	1.4MHz	16QAM	23017	3RB#1	21.63	19.4	PASS
Band1 2	1.4MHz	16QAM	23017	3RB#3	21.64	19.41	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	20.78	18.55	PASS
Band1 2	1.4MHz	16QAM	23095	1RB#0	21.99	19.76	PASS
Band1 2	1.4MHz	16QAM	23095	1RB#2	22.14	19.91	PASS
Band1 2	1.4MHz	16QAM	23095	1RB#5	21.99	19.76	PASS
Band1 2	1.4MHz	16QAM	23095	3RB#0	21.83	19.6	PASS
Band1 2	1.4MHz	16QAM	23095	3RB#1	21.83	19.6	PASS
Band1 2	1.4MHz	16QAM	23095	3RB#3	21.84	19.61	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	20.94	18.71	PASS
Band1 2	1.4MHz	16QAM	23173	1RB#0	22.51	20.28	PASS



Band1 2	1.4MHz	16QAM	23173	1RB#2	22.62	20.39	PASS
Band1 2	1.4MHz	16QAM	23173	1RB#5	22.46	20.23	PASS
Band1 2	1.4MHz	16QAM	23173	3RB#0	22.40	20.17	PASS
Band1 2	1.4MHz	16QAM	23173	3RB#1	22.42	20.19	PASS
Band1 2	1.4MHz	16QAM	23173	3RB#3	22.32	20.09	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	21.46	19.23	PASS
Band1 2	3MHz	QPSK	23025	1RB#0	22.68	20.45	PASS
Band1 2	3MHz	QPSK	23025	1RB#8	22.76	20.53	PASS
Band1 2	3MHz	QPSK	23025	1RB#14	22.77	20.54	PASS
Band1 2	3MHz	QPSK	23025	8RB#0	21.73	19.5	PASS
Band1 2	3MHz	QPSK	23025	8RB#4	21.75	19.52	PASS
Band1 2	3MHz	QPSK	23025	8RB#7	21.77	19.54	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	21.71	19.48	PASS
Band1 2	3MHz	QPSK	23095	1RB#0	22.86	20.63	PASS
Band1 2	3MHz	QPSK	23095	1RB#8	22.86	20.63	PASS
Band1 2	3MHz	QPSK	23095	1RB#14	22.90	20.67	PASS
Band1 2	3MHz	QPSK	23095	8RB#0	21.86	19.63	PASS
Band1 2	3MHz	QPSK	23095	8RB#4	21.85	19.62	PASS
Band1 2	3MHz	QPSK	23095	8RB#7	21.87	19.64	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	21.84	19.61	PASS



Band1 2	3MHz	QPSK	23165	1RB#0	22.37	20.14	PASS
Band1 2	3MHz	QPSK	23165	1RB#8	22.18	19.95	PASS
Band1 2	3MHz	QPSK	23165	1RB#14	22.02	19.79	PASS
Band1 2	3MHz	QPSK	23165	8RB#0	21.37	19.14	PASS
Band1 2	3MHz	QPSK	23165	8RB#4	21.36	19.13	PASS
Band1 2	3MHz	QPSK	23165	8RB#7	21.13	18.9	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	21.21	18.98	PASS
Band1 2	3MHz	16QAM	23025	1RB#0	21.90	19.67	PASS
Band1 2	3MHz	16QAM	23025	1RB#8	21.87	19.64	PASS
Band1 2	3MHz	16QAM	23025	1RB#14	21.94	19.71	PASS
Band1 2	3MHz	16QAM	23025	8RB#0	20.76	18.53	PASS
Band1 2	3MHz	16QAM	23025	8RB#4	20.80	18.57	PASS
Band1 2	3MHz	16QAM	23025	8RB#7	20.81	18.58	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	20.76	18.53	PASS
Band1 2	3MHz	16QAM	23095	1RB#0	22.04	19.81	PASS
Band1 2	3MHz	16QAM	23095	1RB#8	22.03	19.8	PASS
Band1 2	3MHz	16QAM	23095	1RB#14	22.02	19.79	PASS
Band1 2	3MHz	16QAM	23095	8RB#0	20.87	18.64	PASS
Band1 2	3MHz	16QAM	23095	8RB#4	20.88	18.65	PASS
Band1 2	3MHz	16QAM	23095	8RB#7	20.87	18.64	PASS



Band1 2	3MHz	16QAM	23095	15RB#0	20.81	18.58	PASS
Band1 2	3MHz	16QAM	23165	1RB#0	21.33	19.1	PASS
Band1 2	3MHz	16QAM	23165	1RB#8	21.05	18.82	PASS
Band1 2	3MHz	16QAM	23165	1RB#14	20.93	18.7	PASS
Band1 2	3MHz	16QAM	23165	8RB#0	20.38	18.15	PASS
Band1 2	3MHz	16QAM	23165	8RB#4	20.36	18.13	PASS
Band1 2	3MHz	16QAM	23165	8RB#7	20.14	17.91	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	20.12	17.89	PASS
Band1 2	5MHz	QPSK	23035	1RB#0	22.72	20.49	PASS
Band1 2	5MHz	QPSK	23035	1RB#12	22.89	20.66	PASS
Band1 2	5MHz	QPSK	23035	1RB#24	22.85	20.62	PASS
Band1 2	5MHz	QPSK	23035	12RB#0	21.70	19.47	PASS
Band1 2	5MHz	QPSK	23035	12RB#6	21.75	19.52	PASS
Band1 2	5MHz	QPSK	23035	12RB#13	21.80	19.57	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	21.78	19.55	PASS
Band1 2	5MHz	QPSK	23095	1RB#0	22.84	20.61	PASS
Band1 2	5MHz	QPSK	23095	1RB#12	22.98	20.75	PASS
Band1 2	5MHz	QPSK	23095	1RB#24	22.79	20.56	PASS
Band1 2	5MHz	QPSK	23095	12RB#0	21.89	19.66	PASS
Band1 2	5MHz	QPSK	23095	12RB#6	21.90	19.67	PASS



Band1 2	5MHz	QPSK	23095	12RB#13	21.85	19.62	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	21.95	19.72	PASS
Band1 2	5MHz	QPSK	23155	1RB#0	22.61	20.38	PASS
Band1 2	5MHz	QPSK	23155	1RB#12	22.45	20.22	PASS
Band1 2	5MHz	QPSK	23155	1RB#24	22.05	19.82	PASS
Band1 2	5MHz	QPSK	23155	12RB#0	21.50	19.27	PASS
Band1 2	5MHz	QPSK	23155	12RB#6	21.49	19.26	PASS
Band1 2	5MHz	QPSK	23155	12RB#13	21.20	18.97	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	21.34	19.11	PASS
Band1 2	5MHz	16QAM	23035	1RB#0	21.70	19.47	PASS
Band1 2	5MHz	16QAM	23035	1RB#12	21.97	19.74	PASS
Band1 2	5MHz	16QAM	23035	1RB#24	21.86	19.63	PASS
Band1 2	5MHz	16QAM	23035	12RB#0	20.72	18.49	PASS
Band1 2	5MHz	16QAM	23035	12RB#6	20.68	18.45	PASS
Band1 2	5MHz	16QAM	23035	12RB#13	20.78	18.55	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	20.77	18.54	PASS
Band1 2	5MHz	16QAM	23095	1RB#0	22.06	19.83	PASS
Band1 2	5MHz	16QAM	23095	1RB#12	22.15	19.92	PASS
Band1 2	5MHz	16QAM	23095	1RB#24	21.95	19.72	PASS
Band1 2	5MHz	16QAM	23095	12RB#0	20.96	18.73	PASS



Band1 2	5MHz	16QAM	23095	12RB#6	20.94	18.71	PASS
Band1 2	5MHz	16QAM	23095	12RB#13	20.90	18.67	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	20.89	18.66	PASS
Band1 2	5MHz	16QAM	23155	1RB#0	21.61	19.38	PASS
Band1 2	5MHz	16QAM	23155	1RB#12	21.42	19.19	PASS
Band1 2	5MHz	16QAM	23155	1RB#24	21.03	18.8	PASS
Band1 2	5MHz	16QAM	23155	12RB#0	20.50	18.27	PASS
Band1 2	5MHz	16QAM	23155	12RB#6	20.50	18.27	PASS
Band1 2	5MHz	16QAM	23155	12RB#13	20.17	17.94	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	20.42	18.19	PASS
Band1 2	10MHz	QPSK	23060	1RB#0	22.69	20.46	PASS
Band1 2	10MHz	QPSK	23060	1RB#24	22.90	20.67	PASS
Band1 2	10MHz	QPSK	23060	1RB#49	22.86	20.63	PASS
Band1 2	10MHz	QPSK	23060	25RB#0	21.79	19.56	PASS
Band1 2	10MHz	QPSK	23060	25RB#12	21.81	19.58	PASS
Band1 2	10MHz	QPSK	23060	25RB#25	21.87	19.64	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	21.85	19.62	PASS
Band1 2	10MHz	QPSK	23095	1RB#0	22.78	20.55	PASS
Band1 2	10MHz	QPSK	23095	1RB#24	22.93	20.7	PASS
Band1 2	10MHz	QPSK	23095	1RB#49	22.55	20.32	PASS



Band1 2	10MHz	QPSK	23095	25RB#0	21.93	19.7	PASS
Band1 2	10MHz	QPSK	23095	25RB#12	21.98	19.75	PASS
Band1 2	10MHz	QPSK	23095	25RB#25	21.80	19.57	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	21.88	19.65	PASS
Band1 2	10MHz	QPSK	23130	1RB#0	22.90	20.67	PASS
Band1 2	10MHz	QPSK	23130	1RB#24	22.77	20.54	PASS
Band1 2	10MHz	QPSK	23130	1RB#49	22.13	19.9	PASS
Band1 2	10MHz	QPSK	23130	25RB#0	21.92	19.69	PASS
Band1 2	10MHz	QPSK	23130	25RB#12	21.86	19.63	PASS
Band1 2	10MHz	QPSK	23130	25RB#25	21.50	19.27	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	21.67	19.44	PASS
Band1 2	10MHz	16QAM	23060	1RB#0	21.87	19.64	PASS
Band1 2	10MHz	16QAM	23060	1RB#24	22.23	20	PASS
Band1 2	10MHz	16QAM	23060	1RB#49	22.10	19.87	PASS
Band1 2	10MHz	16QAM	23060	25RB#0	20.82	18.59	PASS
Band1 2	10MHz	16QAM	23060	25RB#12	20.80	18.57	PASS
Band1 2	10MHz	16QAM	23060	25RB#25	20.87	18.64	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	20.81	18.58	PASS
Band1 2	10MHz	16QAM	23095	1RB#0	21.99	19.76	PASS
Band1 2	10MHz	16QAM	23095	1RB#24	22.12	19.89	PASS



Band1 2	10MHz	16QAM	23095	1RB#49	21.77	19.54	PASS
Band1 2	10MHz	16QAM	23095	25RB#0	20.94	18.71	PASS
Band1 2	10MHz	16QAM	23095	25RB#12	20.99	18.76	PASS
Band1 2	10MHz	16QAM	23095	25RB#25	20.85	18.62	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	20.90	18.67	PASS
Band1 2	10MHz	16QAM	23130	1RB#0	21.78	19.55	PASS
Band1 2	10MHz	16QAM	23130	1RB#24	21.71	19.48	PASS
Band1 2	10MHz	16QAM	23130	1RB#49	21.05	18.82	PASS
Band1 2	10MHz	16QAM	23130	25RB#0	20.94	18.71	PASS
Band1 2	10MHz	16QAM	23130	25RB#12	20.94	18.71	PASS
Band1 2	10MHz	16QAM	23130	25RB#25	20.52	18.29	PASS



Appendix B: 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	3.00	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	3.85	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3.49	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.29	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3.16	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	3.86	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	4.08	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	4.74	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	4.31	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.15	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.18	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	4.80	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	3.11	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	4.03	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	3.57	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	4.32	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	3.30	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.05	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	4.06	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	4.96	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	4.43	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.25	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	4.30	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.05	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	3.14	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.22	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	3.50	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.29	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	3.07	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.15	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	4.01	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.04	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	4.30	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.17	13	PASS

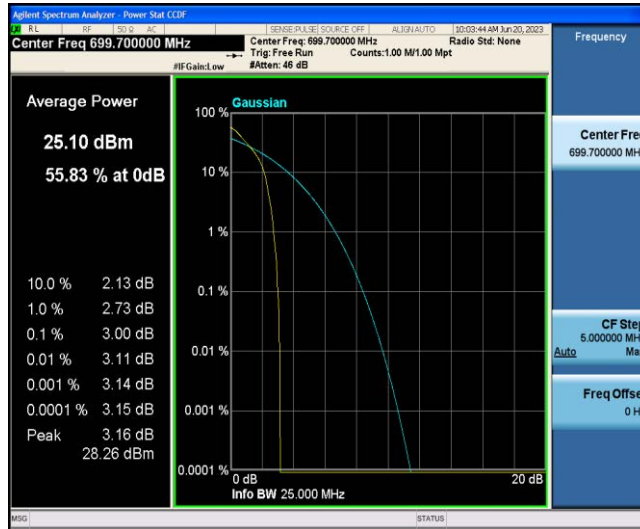


Band12	5MHz	16QAM	23155	1RB#0	3.81	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.03	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	2.90	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	4.37	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	3.21	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.32	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	3.50	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	4.42	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	3.91	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.22	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	4.05	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.22	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	4.44	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.26	13	PASS



Test Graphs

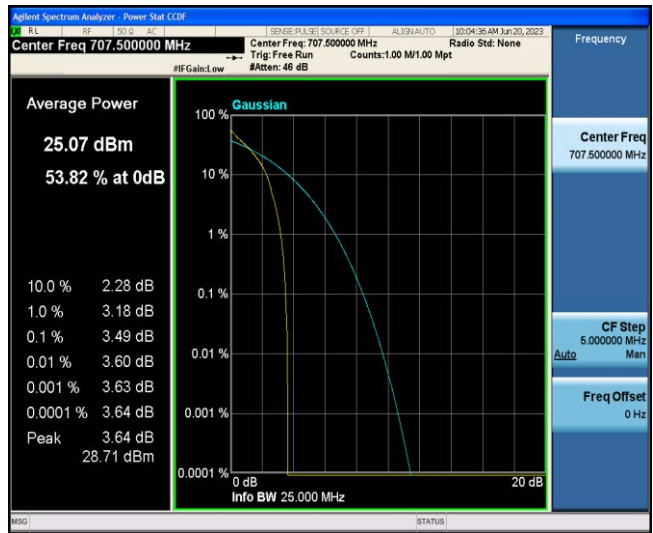
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Band12-1.4MHz-QPSK-23173-6RB#0



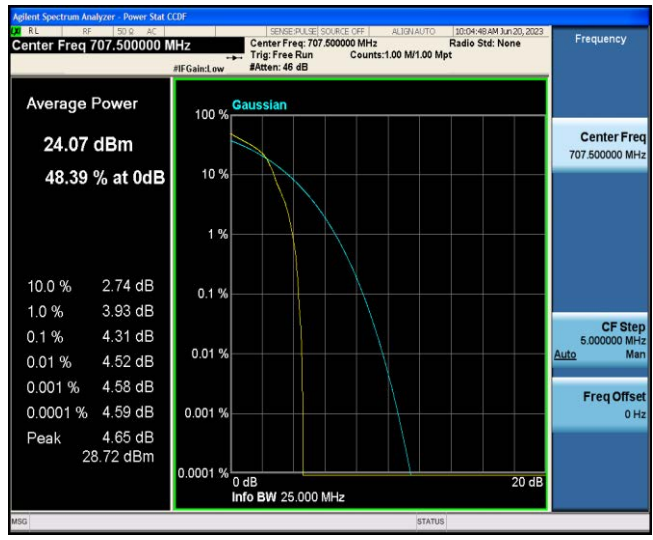
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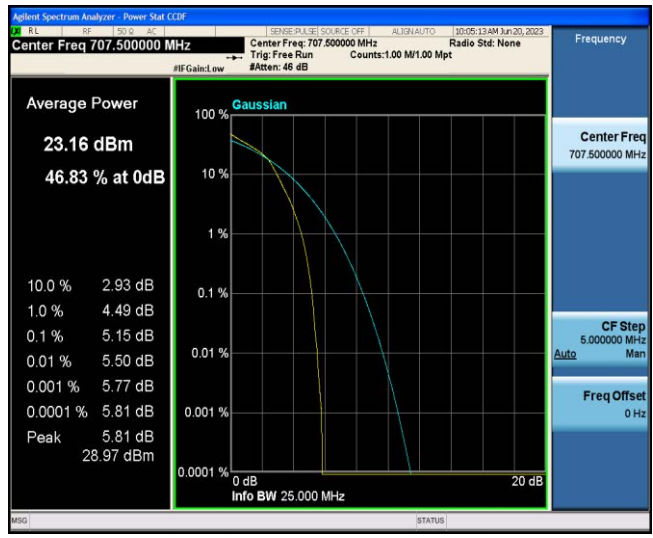
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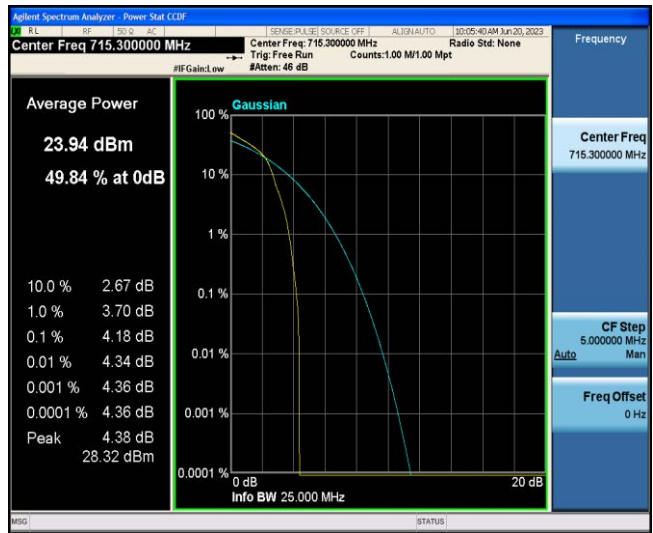
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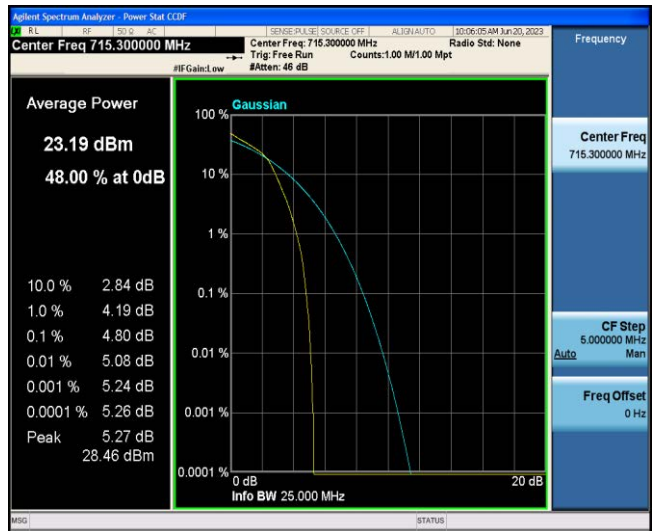
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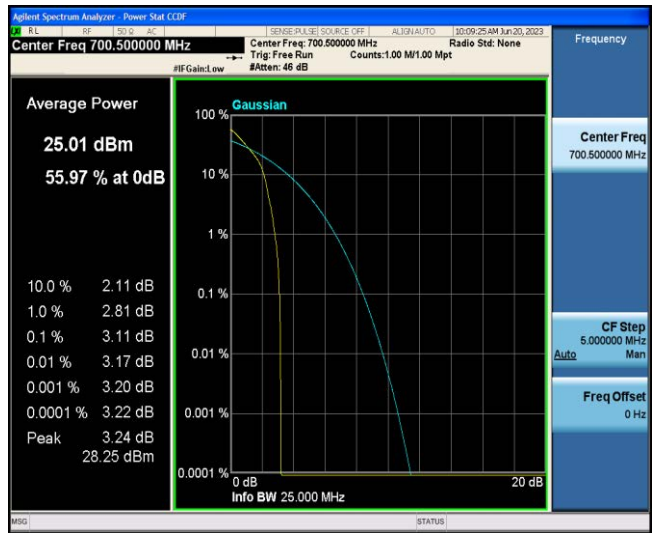
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Band12-3MHz-QPSK-23025-1RB#0



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



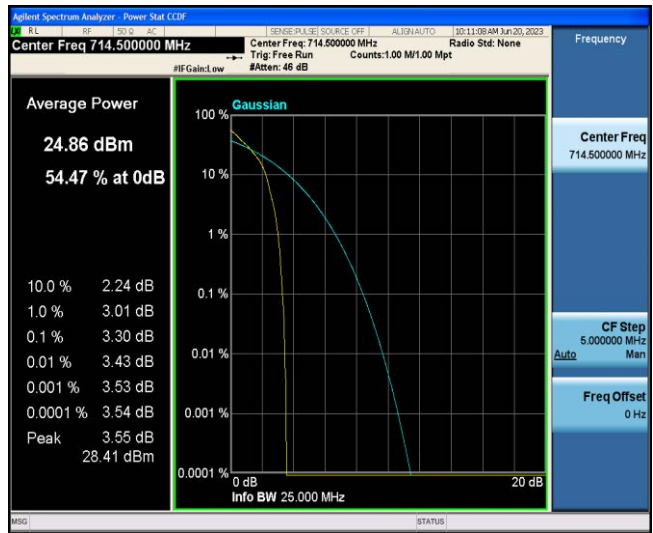
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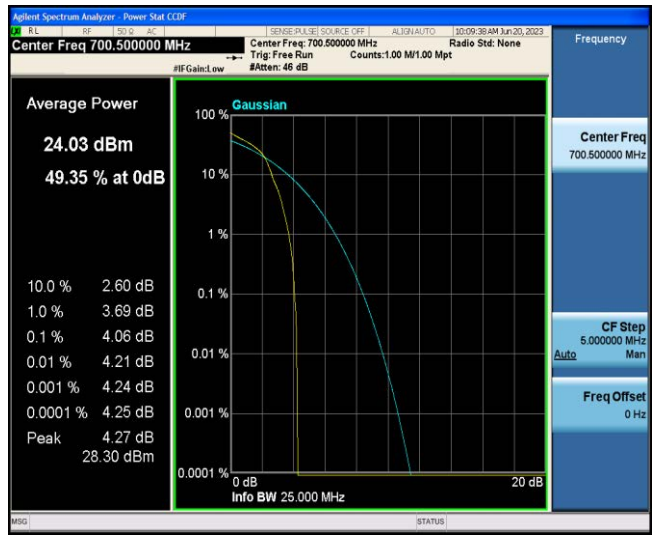
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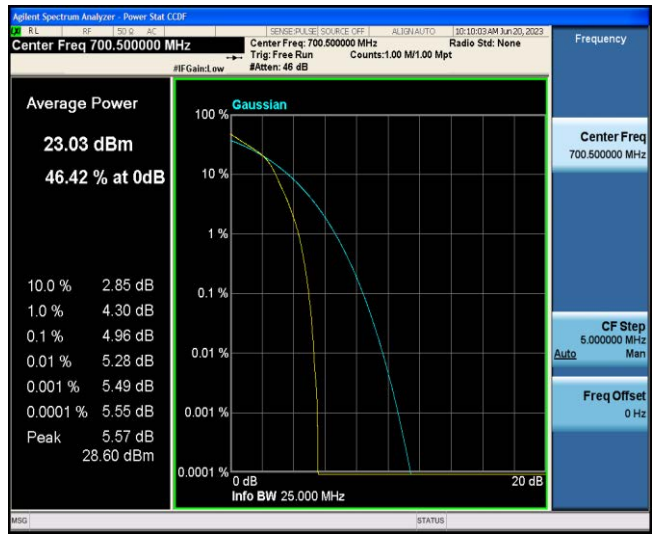
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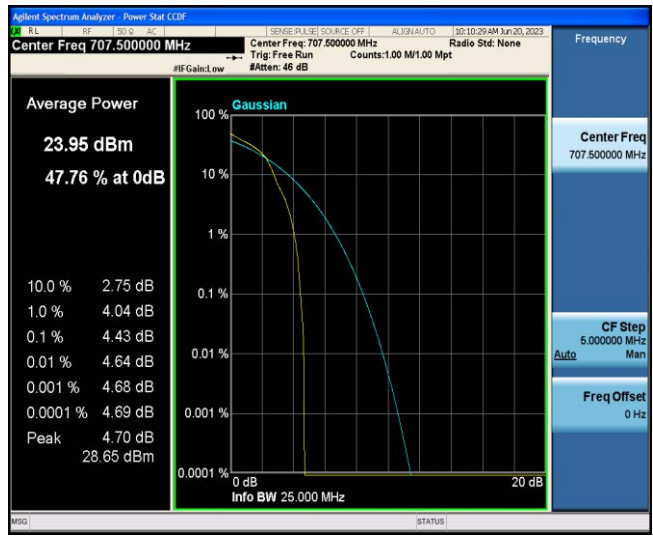
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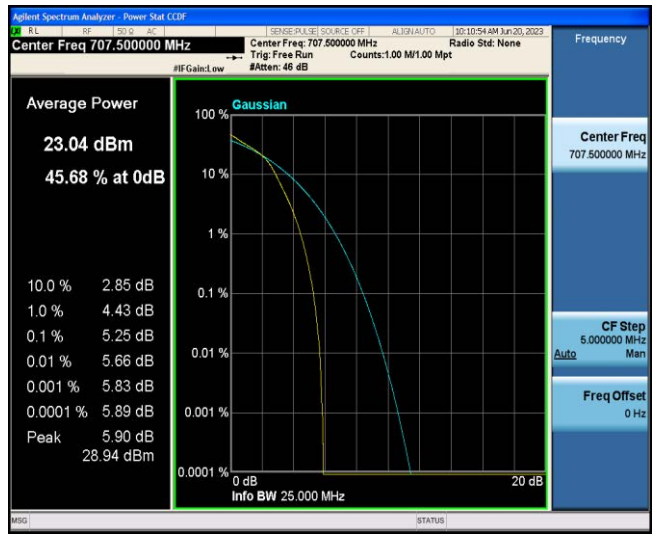
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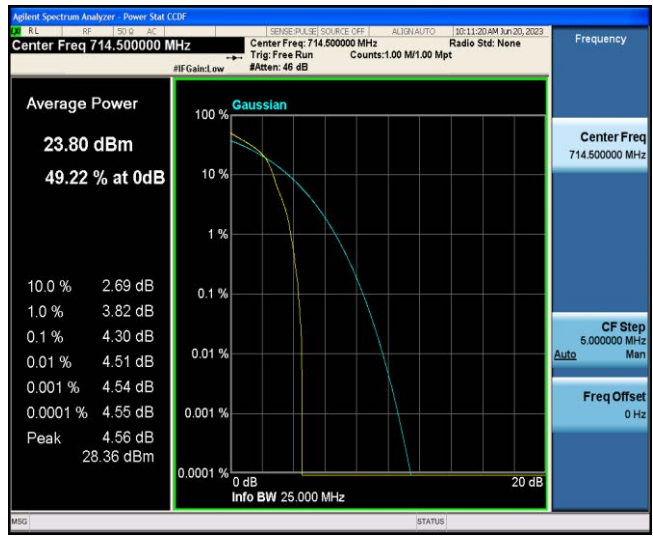
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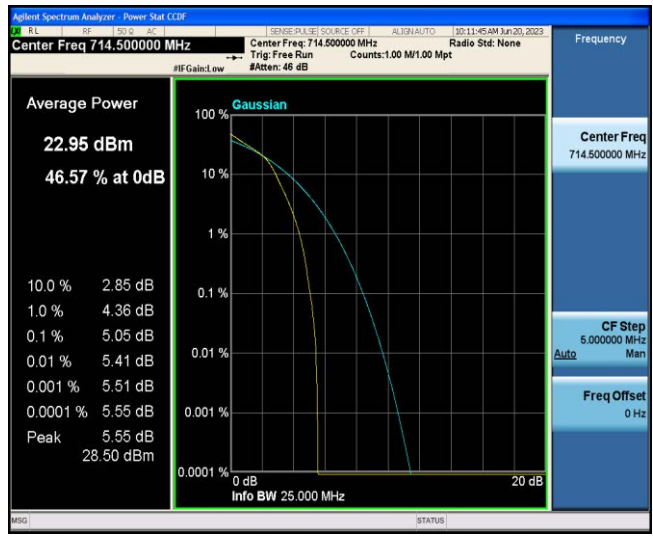
Band12-3MHz-16QAM-23095-15RB#0



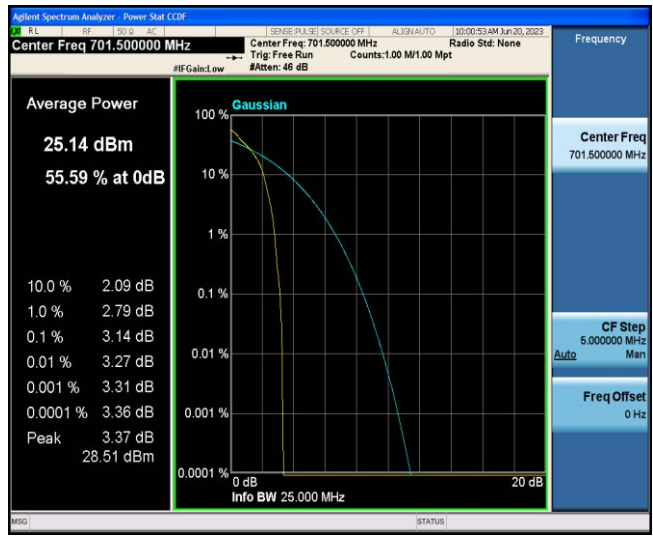
Band12-3MHz-16QAM-23165-1RB#0



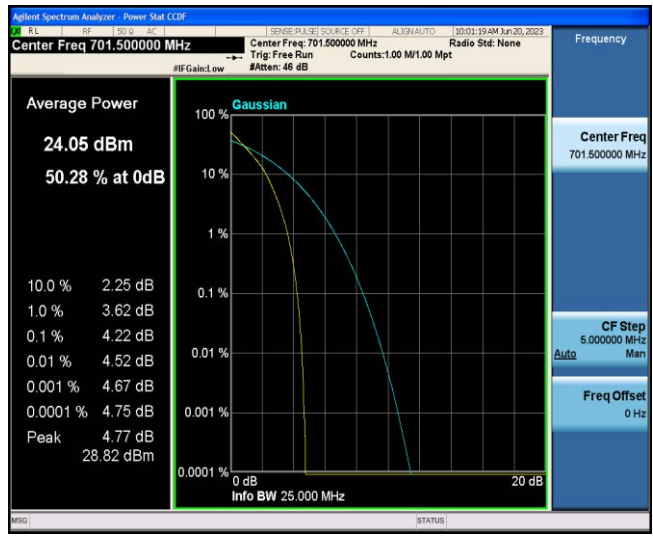
Band12-3MHz-16QAM-23165-15RB#0



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



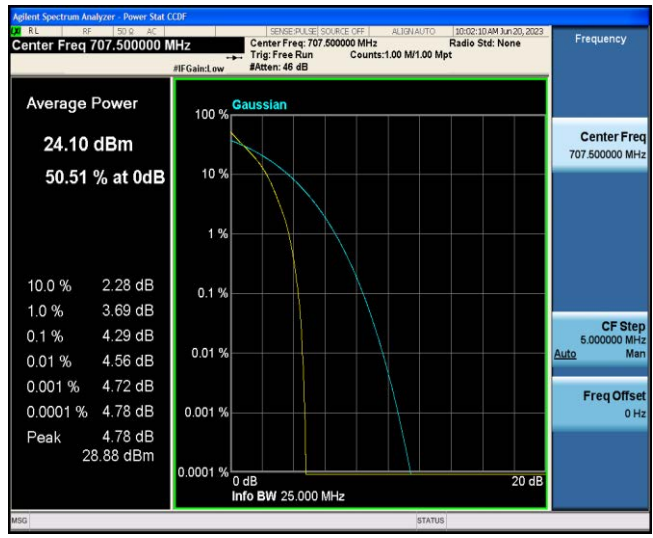
Band12-5MHz-QPSK-23035-25RB#0



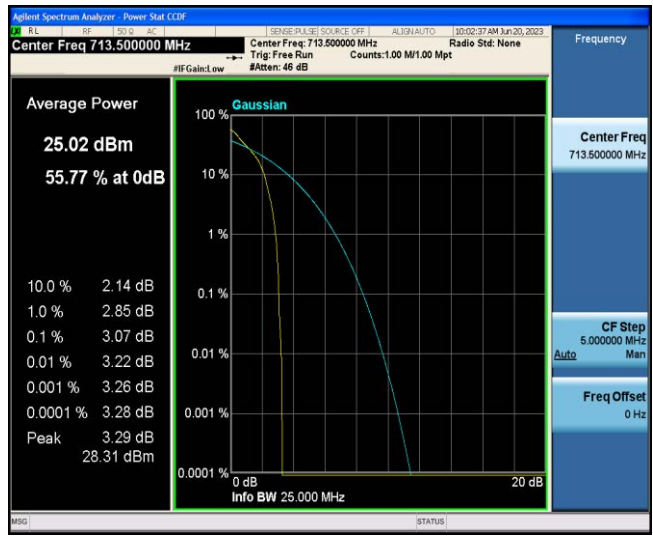
Band12-5MHz-QPSK-23095-1RB#0



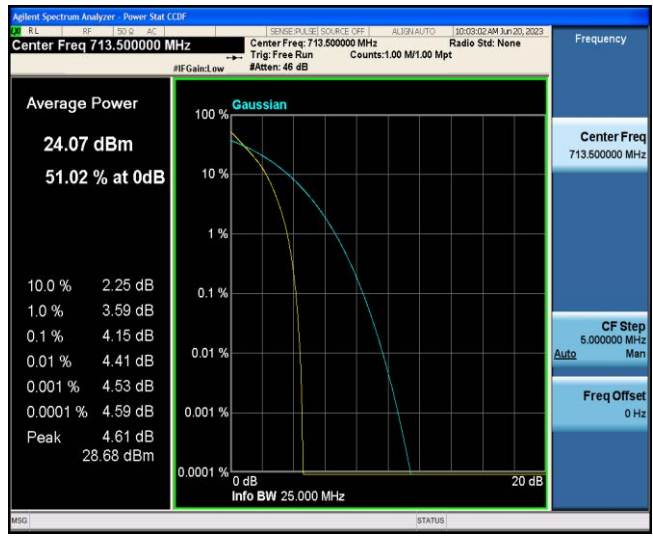
Band12-5MHz-QPSK-23095-25RB#0



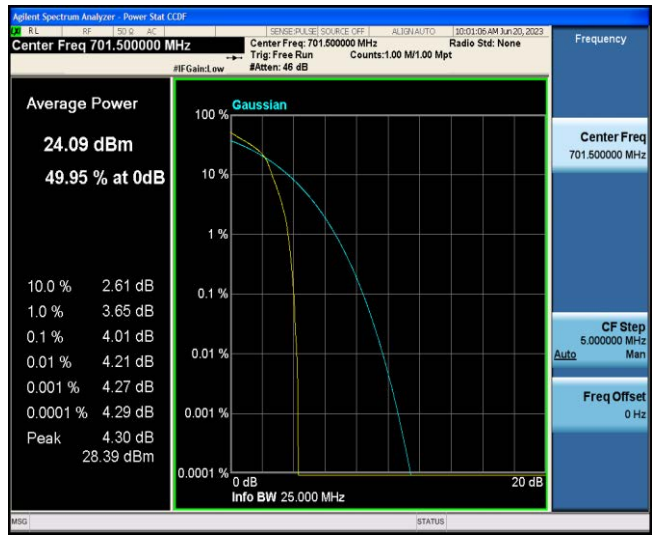
Band12-5MHz-QPSK-23155-1RB#0



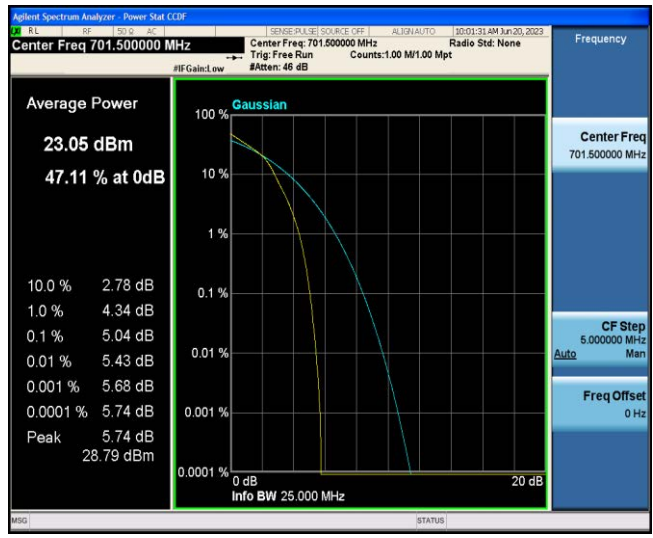
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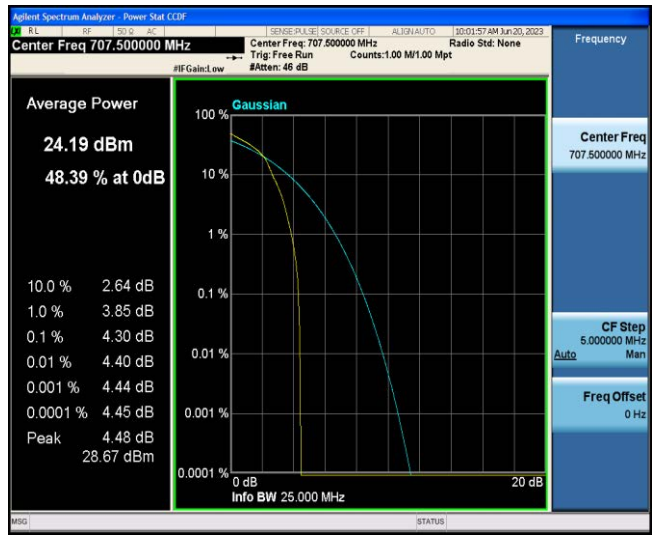
Band12-5MHz-16QAM-23035-1RB#0



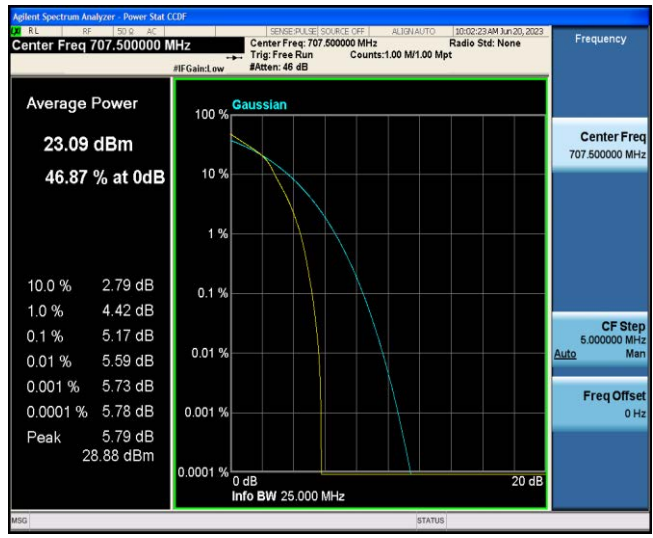
Band12-5MHz-16QAM-23035-25RB#0



Band12-5MHz-16QAM-23095-1RB#0



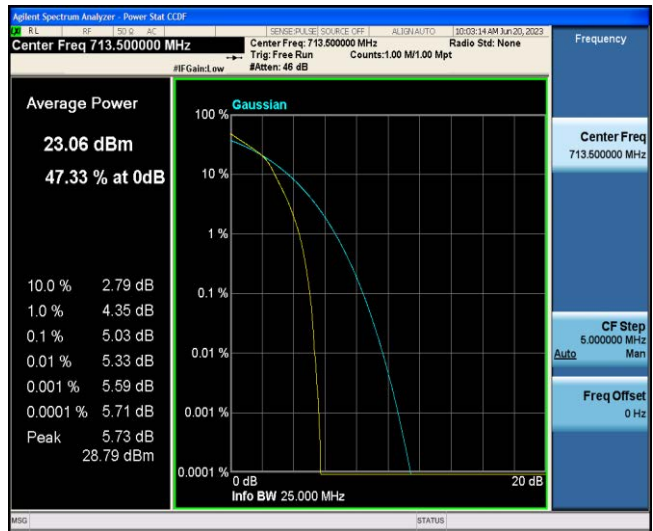
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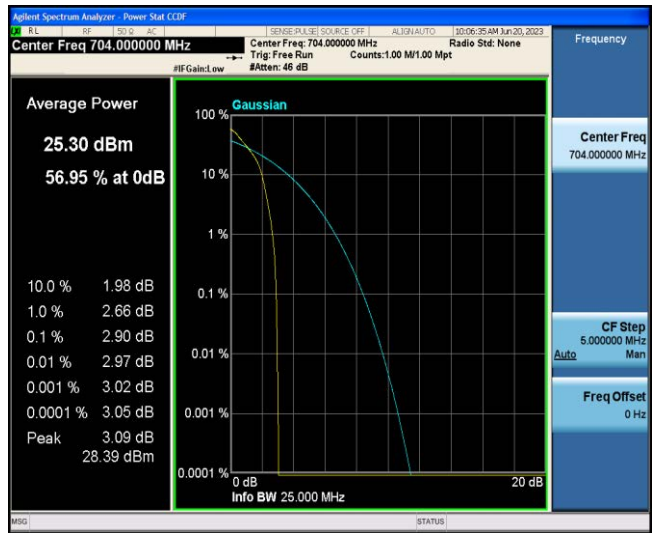
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Band12-5MHz-16QAM-23155-25RB#0



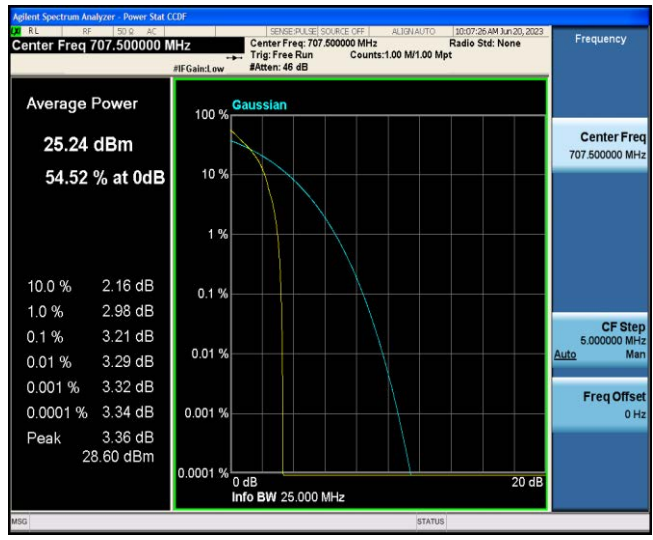
Band12-10MHz-QPSK-23060-1RB#0



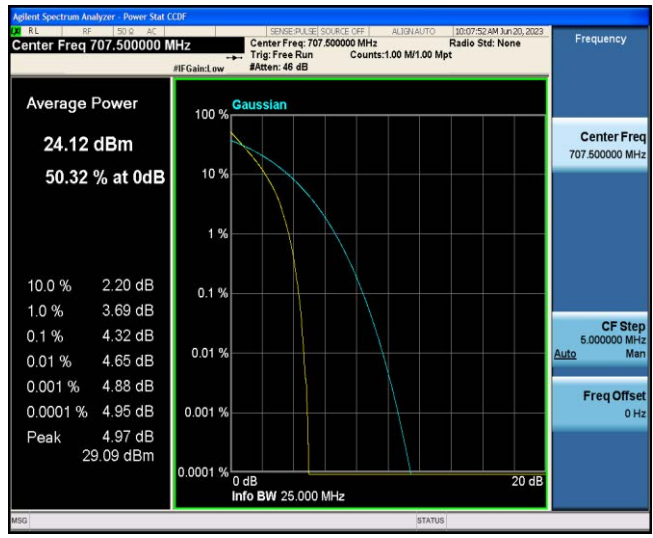
Band12-10MHz-QPSK-23060-50RB#0



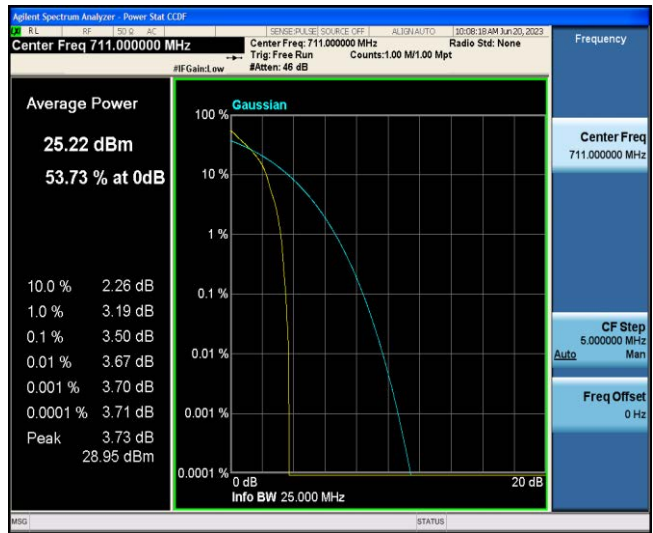
Band12-10MHz-QPSK-23095-1RB#0



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



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



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



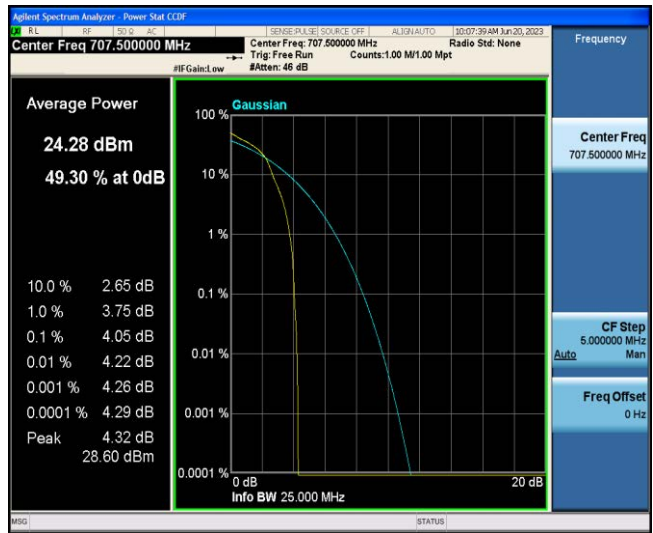
Band12-10MHz-16QAM-23060-1RB#0



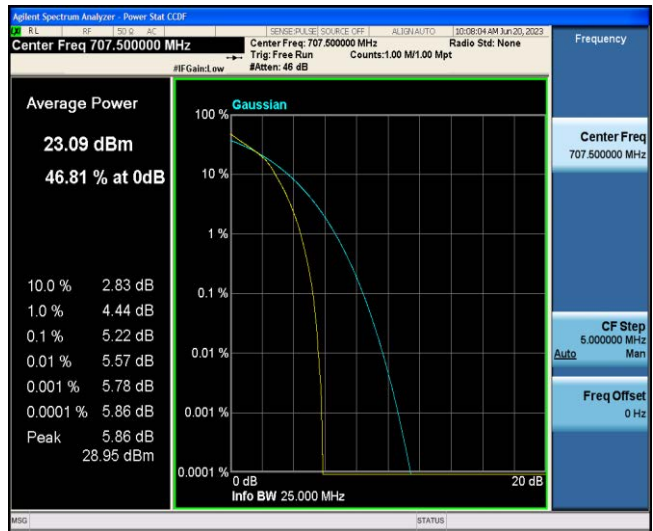
Band12-10MHz-16QAM-23060-50RB#0



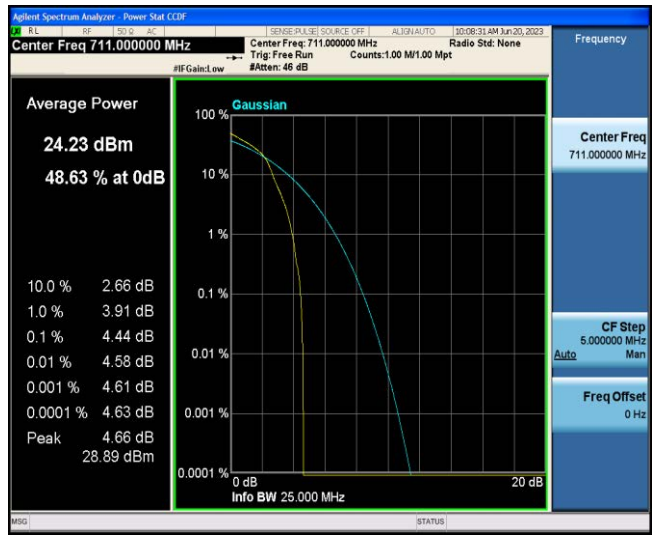
Band12-10MHz-16QAM-23095-1RB#0



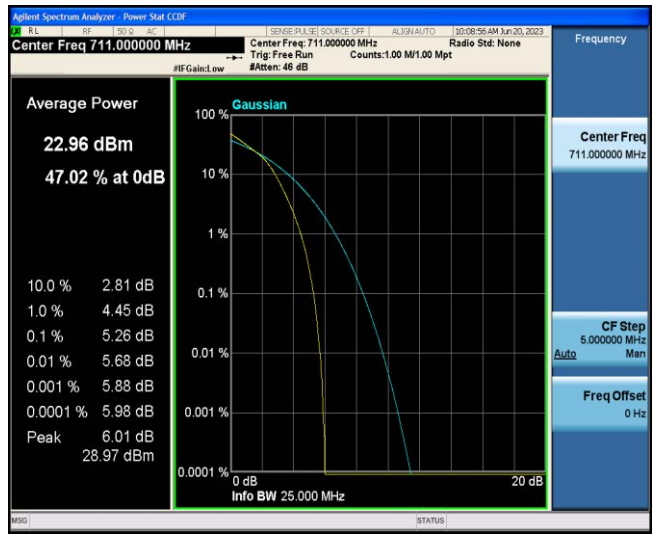
Band12-10MHz-16QAM-23095-50RB#0



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



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





Appendix C: 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	1.0897	1.277	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0940	1.256	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0907	1.267	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0909	1.274	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0911	1.262	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0900	1.245	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6879	2.911	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6892	2.901	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6902	2.907	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6782	2.895	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6824	2.897	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6893	2.883	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4982	4.815	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5016	4.839	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5024	4.809	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5025	4.823	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5012	4.845	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5070	4.809	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9844	9.567	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9886	9.524	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9547	9.513	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9648	9.531	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9715	9.523	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9581	9.507	PASS



Test Graphs

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



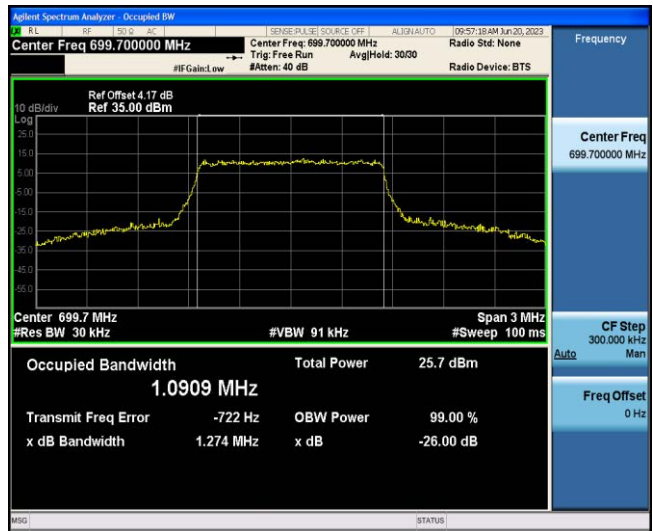
Band12-1.4MHz-QPSK-23095-6RB#0



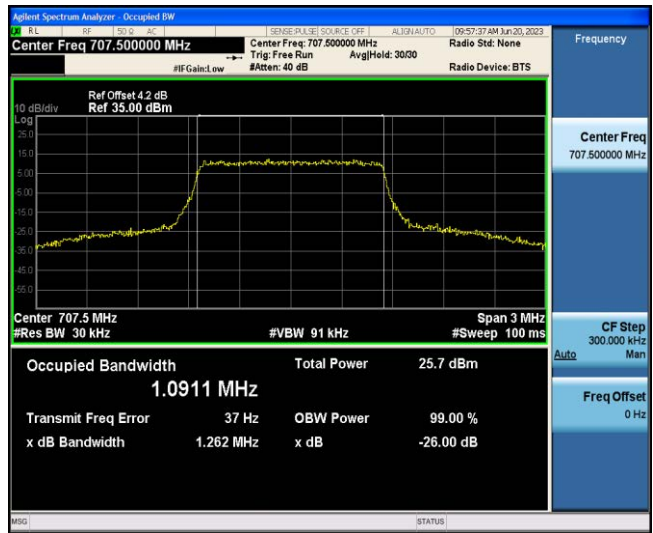
Band12-1.4MHz-QPSK-23173-6RB#0



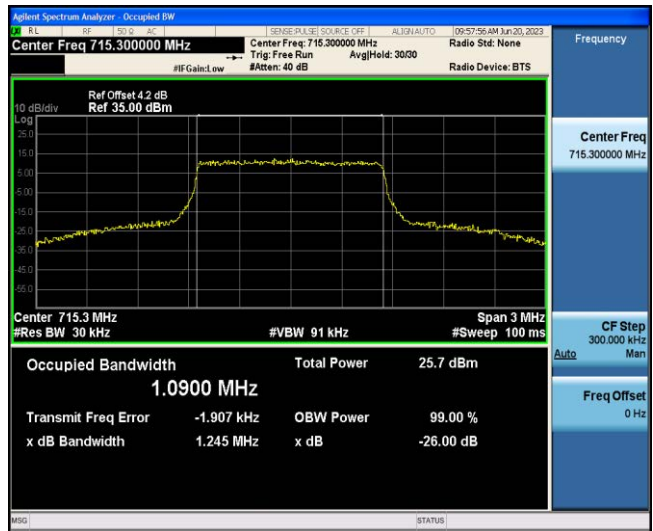
Band12-1.4MHz-16QAM-23017-6RB#0



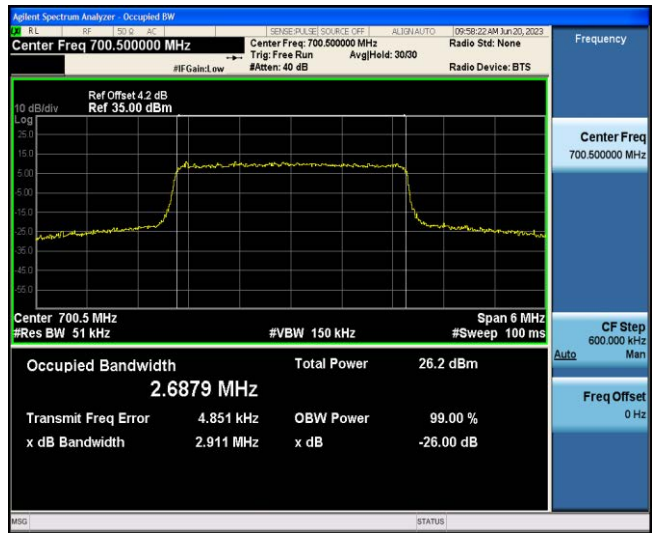
Band12-1.4MHz-16QAM-23095-6RB#0



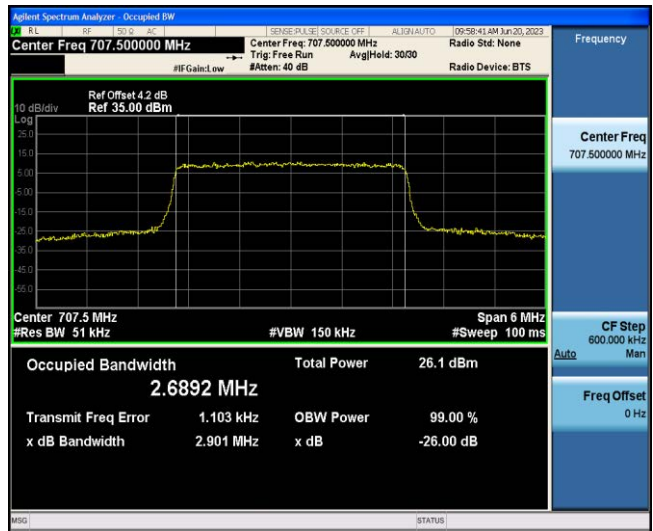
Band12-1.4MHz-16QAM-23173-6RB#0



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



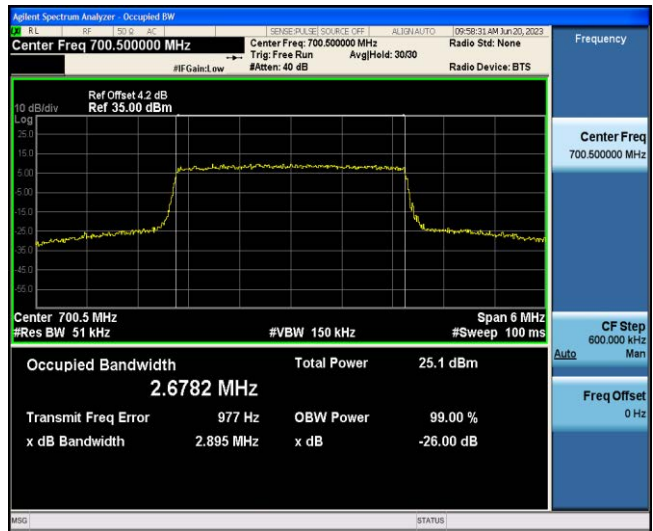
Band12-3MHz-QPSK-23095-15RB#0



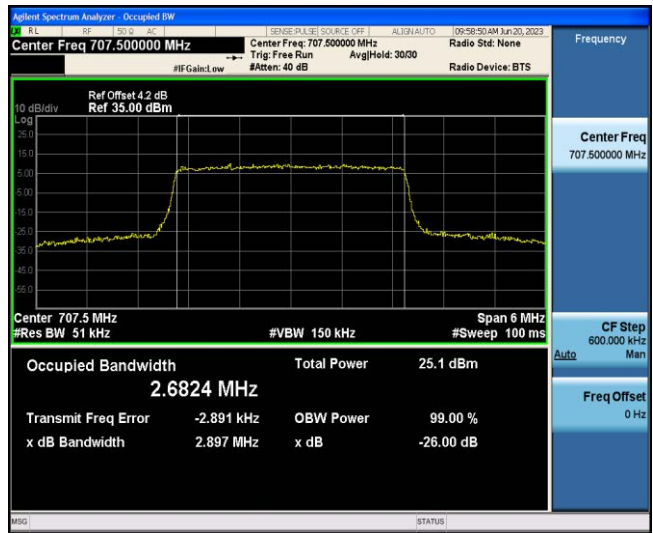
Band12-3MHz-QPSK-23165-15RB#0



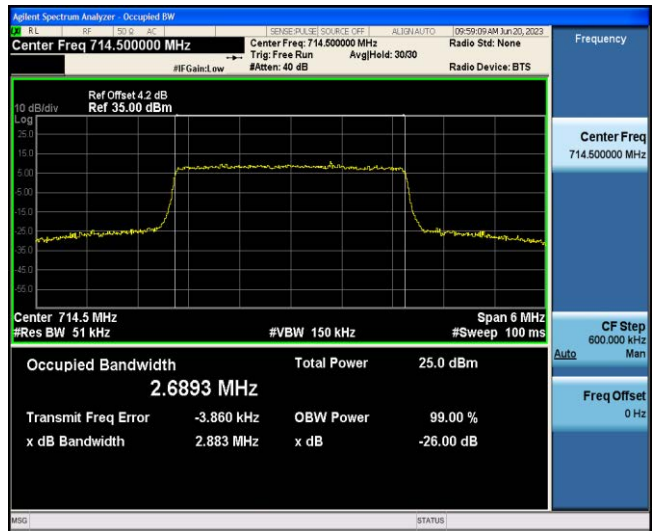
Band12-3MHz-16QAM-23025-15RB#0



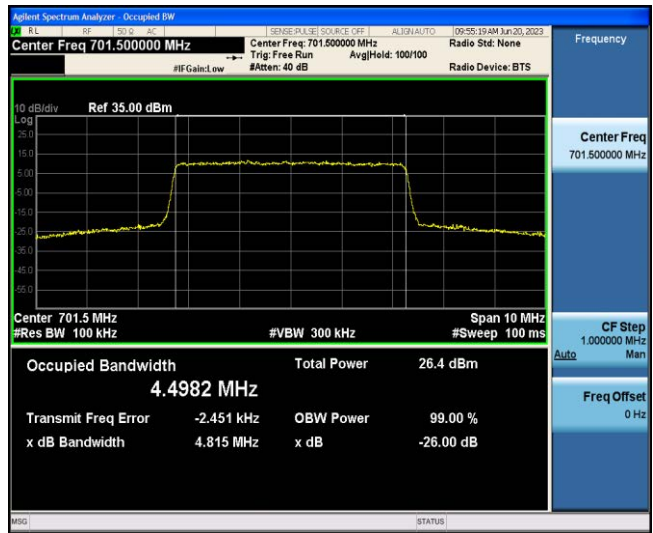
Band12-3MHz-16QAM-23095-15RB#0



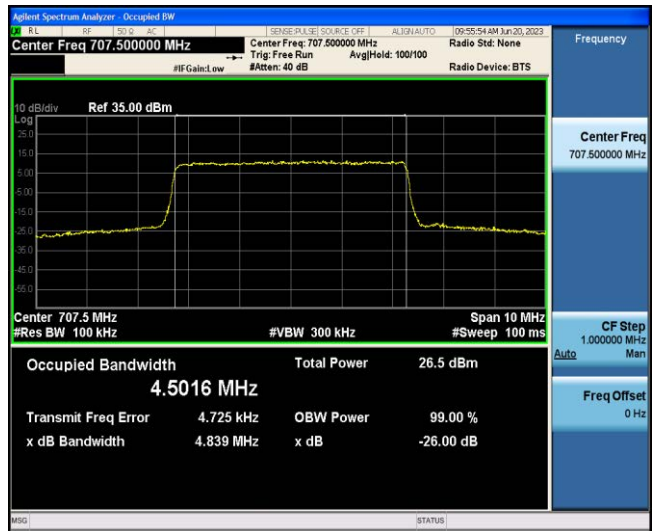
Band12-3MHz-16QAM-23165-15RB#0



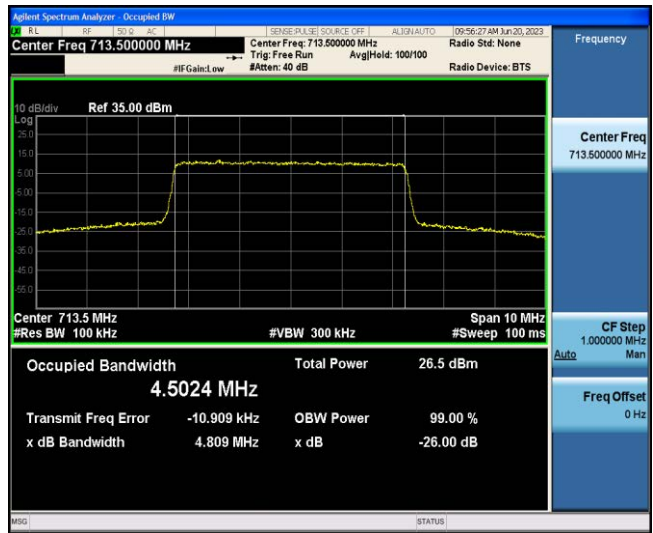
Band12-5MHz-QPSK-23035-25RB#0



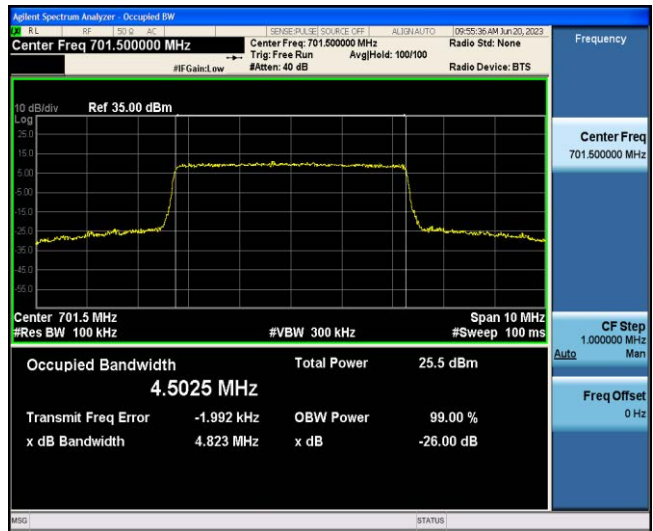
Band12-5MHz-QPSK-23095-25RB#0



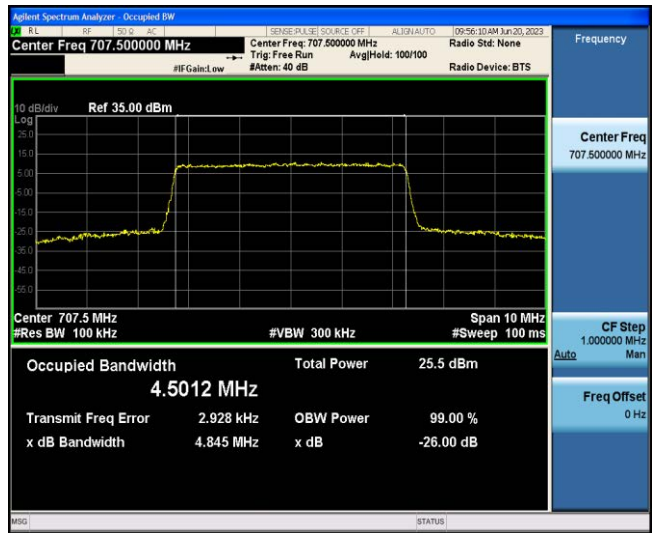
Band12-5MHz-QPSK-23155-25RB#0



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



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



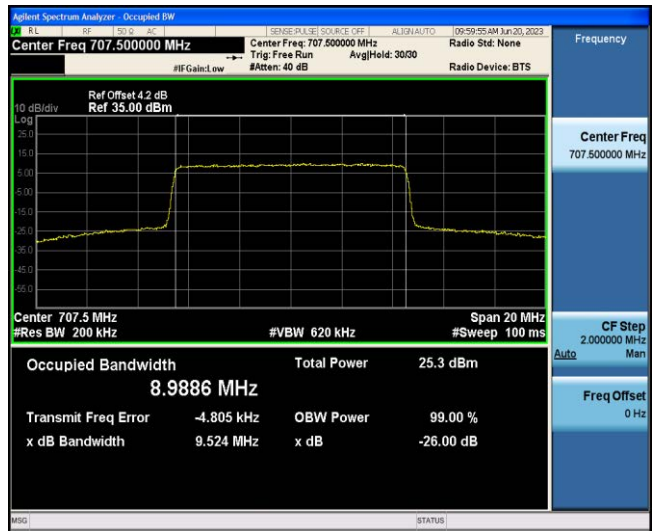
Band12-5MHz-16QAM-23155-25RB#0



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



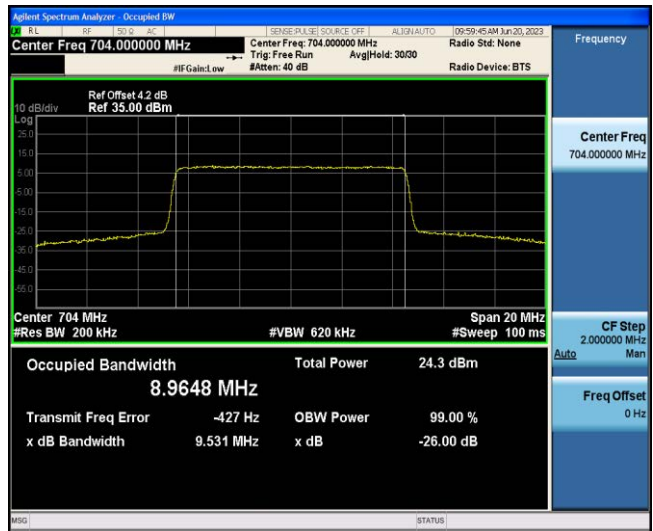
Band12-10MHz-QPSK-23095-50RB#0



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



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



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



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





Appendix D: Band Edge

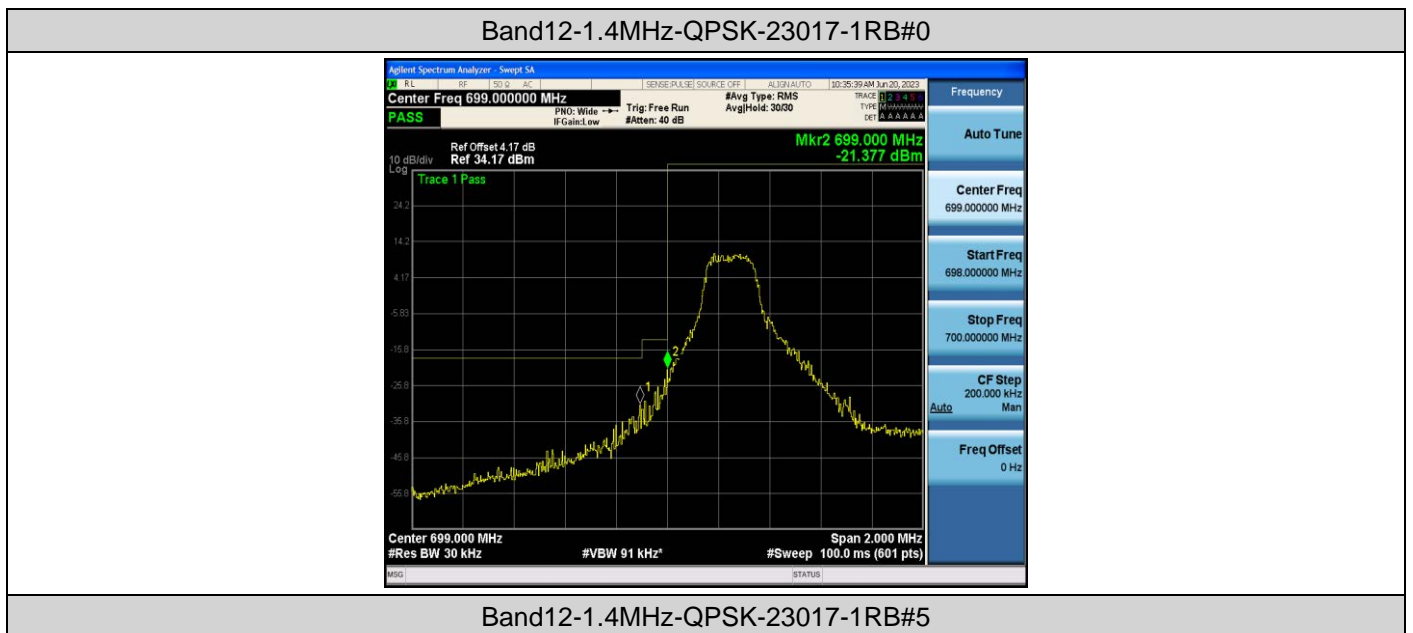
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-31.26,-21.38	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-50.50,-49.59	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-28.08,-26.17	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-50.14,-48.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-23.13,-35.38	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-27.15,-27.90	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-35.69,-25.93	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-50.43,-51.22	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-30.07,-29.34	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-51.50,-49.84	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-25.27,-37.73	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-29.98,-30.13	PASS
Band12	3MHz	QPSK	23025	1RB#0	-28.84,-19.06	PASS
Band12	3MHz	QPSK	23025	1RB#14	-48.94,-45.15	PASS
Band12	3MHz	QPSK	23025	15RB#0	-30.54,-29.43	PASS
Band12	3MHz	QPSK	23165	1RB#0	-44.83,-48.47	PASS
Band12	3MHz	QPSK	23165	1RB#14	-17.57,-28.87	PASS
Band12	3MHz	QPSK	23165	15RB#0	-29.05,-31.82	PASS
Band12	3MHz	16QAM	23025	1RB#0	-29.89,-17.65	PASS
Band12	3MHz	16QAM	23025	1RB#14	-48.07,-45.55	PASS
Band12	3MHz	16QAM	23025	15RB#0	-33.30,-30.68	PASS
Band12	3MHz	16QAM	23165	1RB#0	-47.33,-49.41	PASS
Band12	3MHz	16QAM	23165	1RB#14	-17.76,-28.07	PASS
Band12	3MHz	16QAM	23165	15RB#0	-30.57,-33.78	PASS
Band12	5MHz	QPSK	23035	1RB#0	-20.53	PASS
Band12	5MHz	QPSK	23035	1RB#24	-46.06	PASS
Band12	5MHz	QPSK	23035	25RB#0	-30.18	PASS
Band12	5MHz	QPSK	23155	1RB#0	-46.64	PASS
Band12	5MHz	QPSK	23155	1RB#24	-21.81	PASS
Band12	5MHz	QPSK	23155	25RB#0	-30.04	PASS
Band12	5MHz	16QAM	23035	1RB#0	-20.72	PASS
Band12	5MHz	16QAM	23035	1RB#24	-46.72	PASS



Band12	5MHz	16QAM	23035	25RB#0	-32.81	PASS
Band12	5MHz	16QAM	23155	1RB#0	-48.11	PASS
Band12	5MHz	16QAM	23155	1RB#24	-22.89	PASS
Band12	5MHz	16QAM	23155	25RB#0	-31.34	PASS
Band12	10MHz	QPSK	23060	1RB#0	-31.84,-25.76	PASS
Band12	10MHz	QPSK	23060	1RB#49	-49.19,-46.04	PASS
Band12	10MHz	QPSK	23060	50RB#0	-32.07,-31.61	PASS
Band12	10MHz	QPSK	23130	1RB#0	-46.13,-49.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	-20.88,-22.14	PASS
Band12	10MHz	QPSK	23130	50RB#0	-31.60,-32.31	PASS
Band12	10MHz	16QAM	23060	1RB#0	-29.82,-24.53	PASS
Band12	10MHz	16QAM	23060	1RB#49	-44.11,-46.34	PASS
Band12	10MHz	16QAM	23060	50RB#0	-34.73,-32.44	PASS
Band12	10MHz	16QAM	23130	1RB#0	-46.59,-49.92	PASS
Band12	10MHz	16QAM	23130	1RB#49	-25.73,-30.95	PASS
Band12	10MHz	16QAM	23130	50RB#0	-34.82,-34.96	PASS

Test Graphs





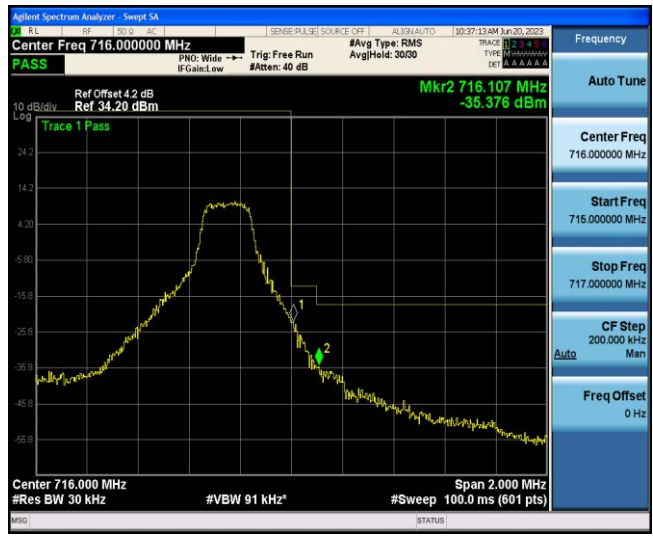
Band12-1.4MHz-QPSK-23017-6RB#0



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



Band12-1.4MHz-16QAM-23017-1RB#5



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



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



Band12-1.4MHz-16QAM-23173-1RB#5



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



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



Band12-3MHz-QPSK-23025-1RB#14