

Appendix_H

RF Test Data for LTE_Band12 Conducted Measurement

FCC ID:2A7DX-FLAT1

Product Name:Smart phone

Test Model:FLAT 1C

Environmental Conditions

Temperature:	21℃
Relative Humidity:	51%
ATM Pressure:	101Kpa
Test Engineer:	Simba Huang
Supervised by:	Seal Chen

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Output Power (dBm)	E.R.P. (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.17	19.44	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.11	19.38	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.16	19.43	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.35	19.62	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.25	19.52	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.31	19.58	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.27	17.54	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.27	19.54	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.27	19.54	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.28	19.55	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.37	19.64	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.36	19.63	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.32	19.59	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.21	17.48	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.35	19.62	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.28	19.55	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.28	19.55	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.25	19.52	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.19	19.46	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.29	19.56	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.32	17.59	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.94	19.21	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.94	19.21	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.59	18.86	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.94	18.21	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.93	18.2	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.02	18.29	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.40	17.67	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.77	18.04	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	21.77	18.04	PASS

Band12	1.4MHz	16QAM	23095	1RB#5	21.79	18.06	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	21.93	18.2	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.07	18.34	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.82	18.09	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.05	17.32	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.15	18.42	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.73	19	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.73	19	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.03	18.3	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.94	18.21	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.89	18.16	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.23	17.5	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.08	19.35	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.10	19.37	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.05	19.32	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.10	17.37	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.13	17.4	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.14	17.41	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.20	17.47	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.09	19.36	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.20	19.47	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.10	19.37	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.18	17.45	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.06	17.33	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.06	17.33	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.12	17.39	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.16	19.43	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.16	19.43	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.20	19.47	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.22	17.49	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.26	17.53	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.18	17.45	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.32	17.59	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.01	18.28	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.84	18.11	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.73	18	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.18	17.45	PASS

Band12	3MHz	16QAM	23025	8RB#4	21.17	17.44	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.30	17.57	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.06	17.33	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.66	17.93	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.75	18.02	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.86	18.13	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.03	17.3	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.07	17.34	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.09	17.36	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.83	17.1	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.76	19.03	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.12	18.39	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.21	18.48	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.11	17.38	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.15	17.42	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.22	17.49	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.27	17.54	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.18	19.45	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.10	19.37	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.06	19.33	PASS
Band12	5MHz	QPSK	23035	12RB#0	21.15	17.42	PASS
Band12	5MHz	QPSK	23035	12RB#6	21.17	17.44	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.13	17.4	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.15	17.42	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.98	19.25	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.09	19.36	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.03	19.3	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.10	17.37	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.13	17.4	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.04	17.31	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.14	17.41	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.18	19.45	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.22	19.49	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.12	19.39	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.20	17.47	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.29	17.56	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.21	17.48	PASS

Band12	5MHz	QPSK	23155	25RB#0	21.09	17.36	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.34	17.61	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.35	17.62	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.35	17.62	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.06	17.33	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.03	17.3	PASS
Band12	5MHz	16QAM	23035	12RB#13	20.98	17.25	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.20	17.47	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.21	18.48	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.28	18.55	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.33	18.6	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.10	17.37	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.03	17.3	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.97	17.24	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.92	17.19	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.72	17.99	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.22	18.49	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.73	18	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.98	17.25	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.99	17.26	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.06	17.33	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.14	17.41	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.02	19.29	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.03	19.3	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.19	19.46	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.16	17.43	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.18	17.45	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.17	17.44	PASS
Band12	10MHz	QPSK	23060	50RB#0	20.96	17.23	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.79	19.06	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.08	19.35	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.00	19.27	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.07	17.34	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.07	17.34	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.16	17.43	PASS
Band12	10MHz	QPSK	23095	50RB#0	20.98	17.25	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.15	19.42	PASS

Band12	10MHz	QPSK	23130	1RB#24	23.13	19.4	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.26	19.53	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.02	17.29	PASS
Band12	10MHz	QPSK	23130	25RB#12	20.99	17.26	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.02	17.29	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.03	17.3	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.02	18.29	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.84	18.11	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.73	18	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.06	17.33	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.07	17.34	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.05	17.32	PASS
Band12	10MHz	16QAM	23060	50RB#0	20.86	17.13	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.78	18.05	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.84	18.11	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.95	18.22	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.09	17.36	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.10	17.37	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.14	17.41	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.98	17.25	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.49	18.76	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.60	18.87	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.92	18.19	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.02	17.29	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.03	17.3	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.23	17.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.04	17.31	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

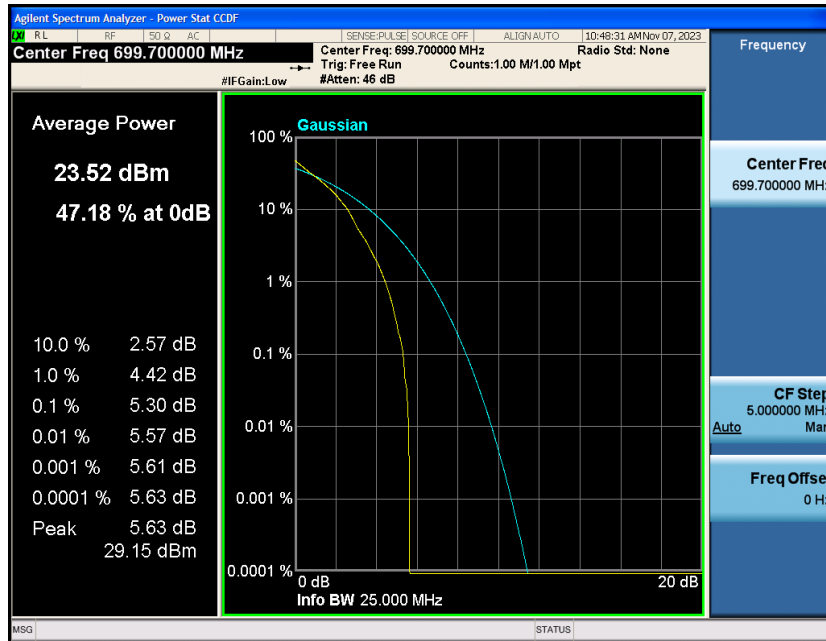
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	5.30	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.84	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.36	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.50	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.67	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.54	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.76	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.31	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.43	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.97	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.58	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.07	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	5.12	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.84	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.63	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.52	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.57	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.54	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	6.19	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.50	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.56	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.13	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.49	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.19	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	5.29	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.79	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.98	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.55	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.40	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.53	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	6.16	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.37	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.67	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.12	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.14	13	PASS

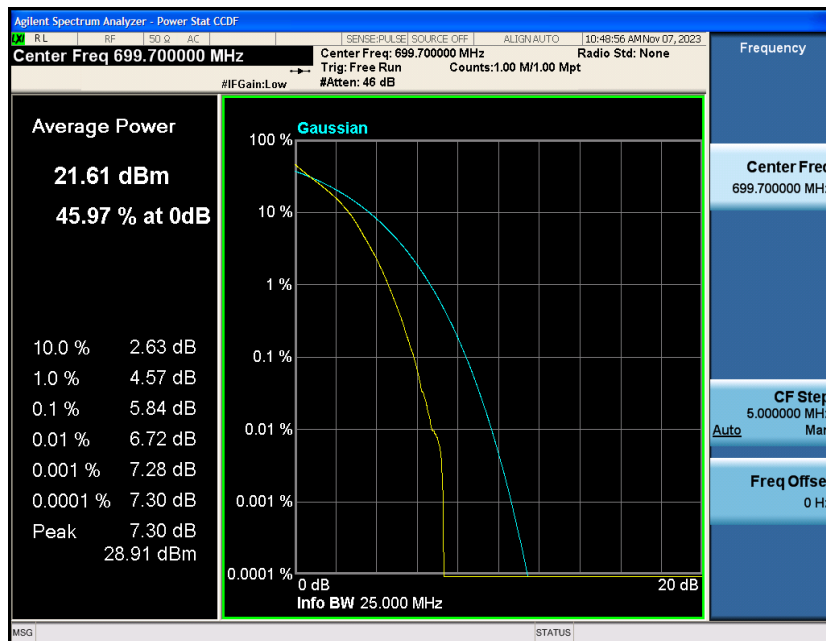
Band12	5MHz	16QAM	23155	25RB#0	6.05	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	5.16	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.83	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.87	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.58	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.57	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.55	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	6.17	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.33	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.82	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.16	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.31	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.03	13	PASS

Test Graphs

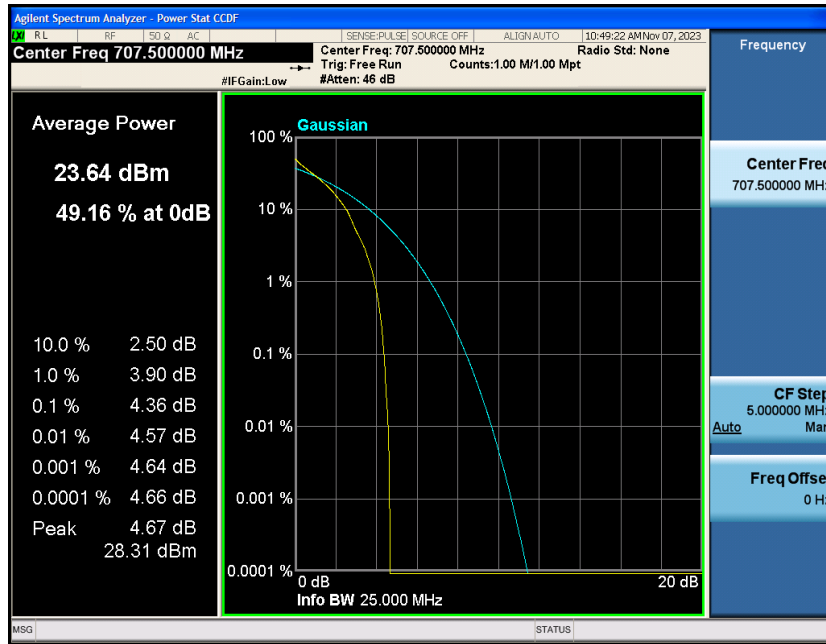
Band12-1.4MHz-QPSK-23017-1RB#0



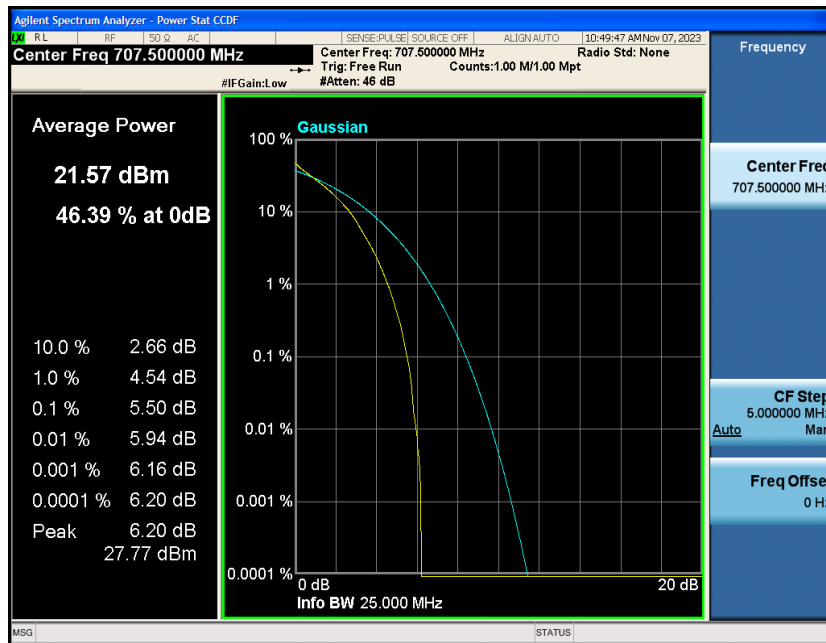
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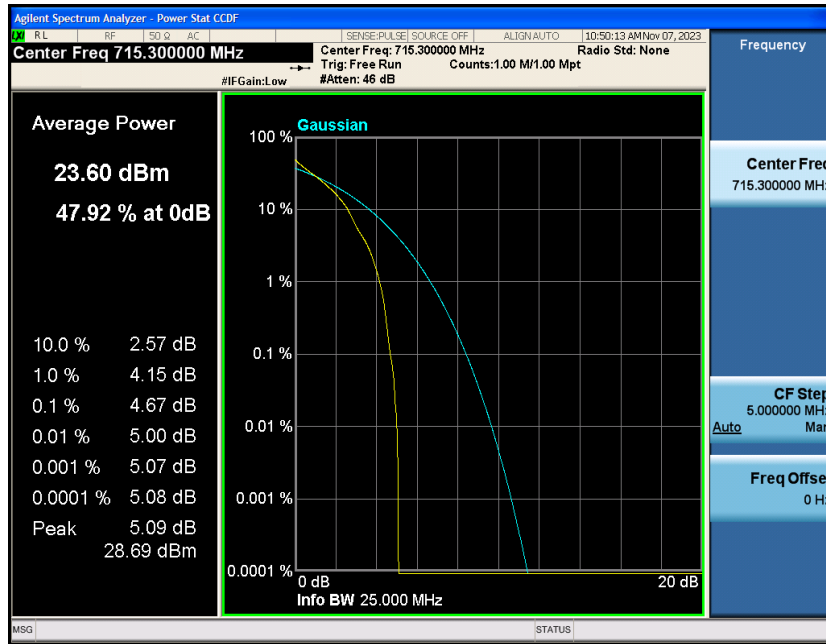
Band12-1.4MHz-QPSK-23095-1RB#0



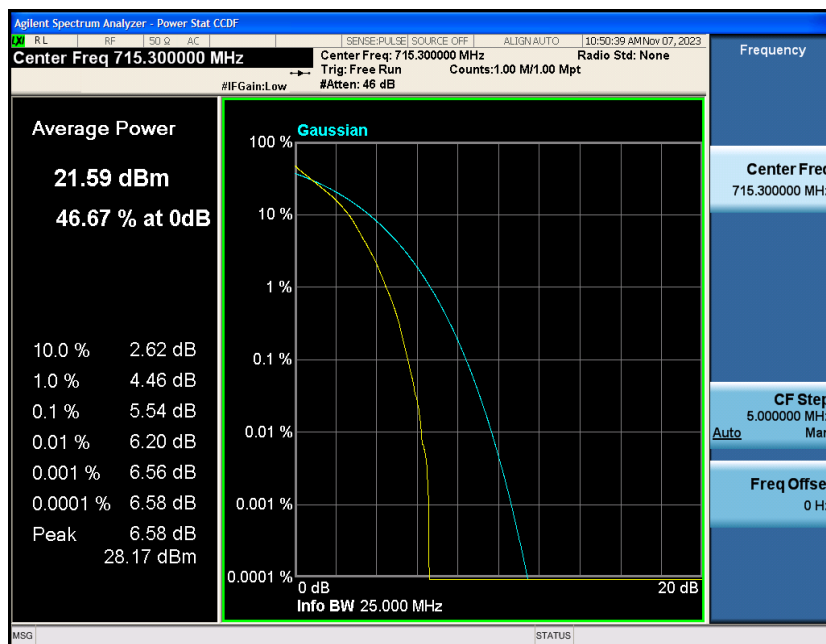
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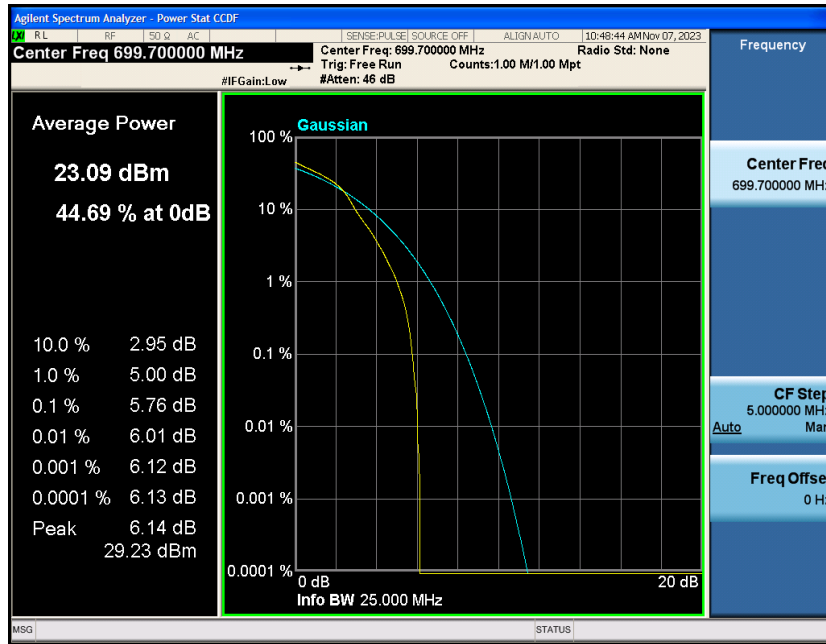
Band12-1.4MHz-QPSK-23173-1RB#0



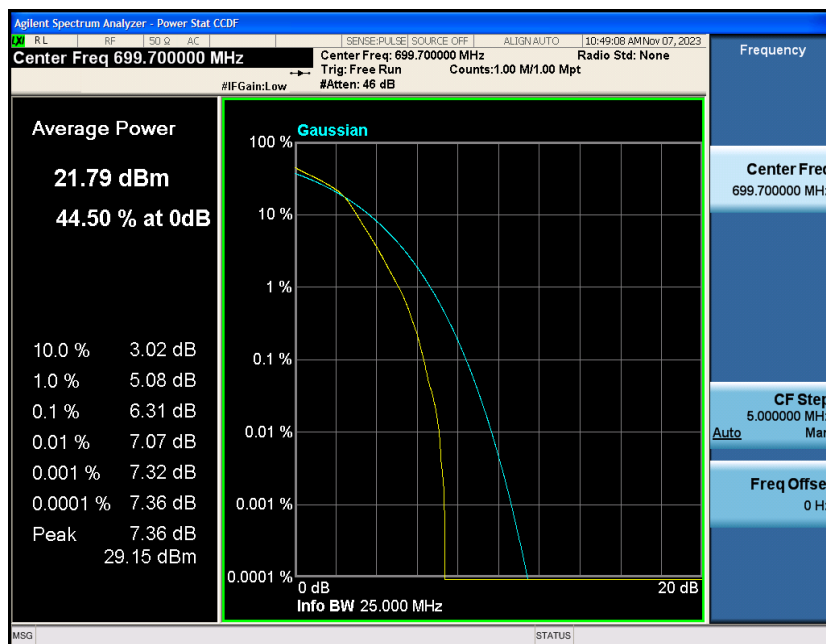
Band12-1.4MHz-QPSK-23173-6RB#0



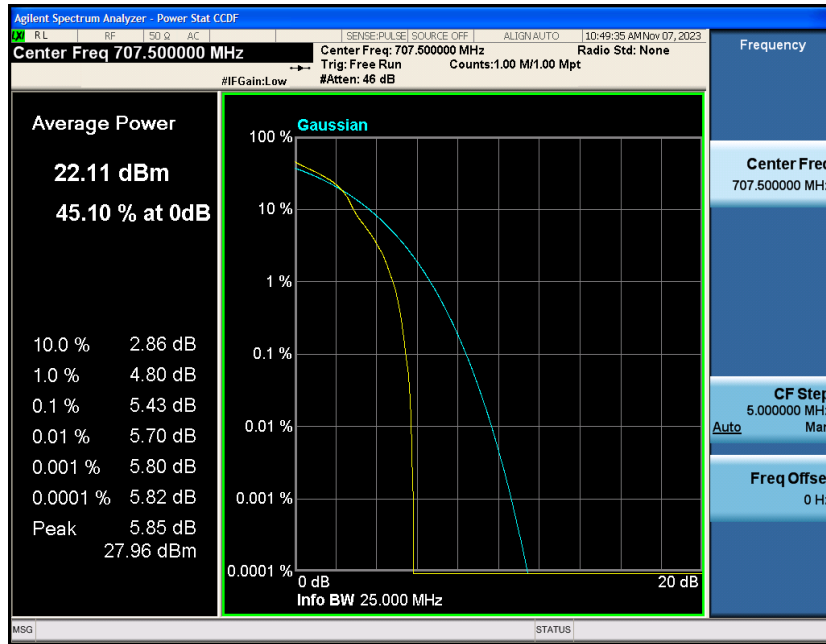
Band12-1.4MHz-16QAM-23017-1RB#0



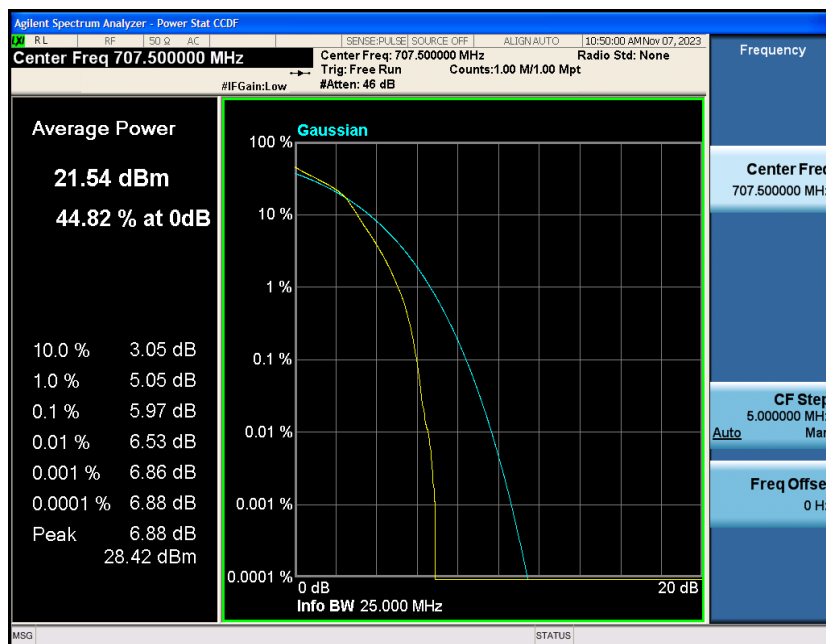
Band12-1.4MHz-16QAM-23017-6RB#0



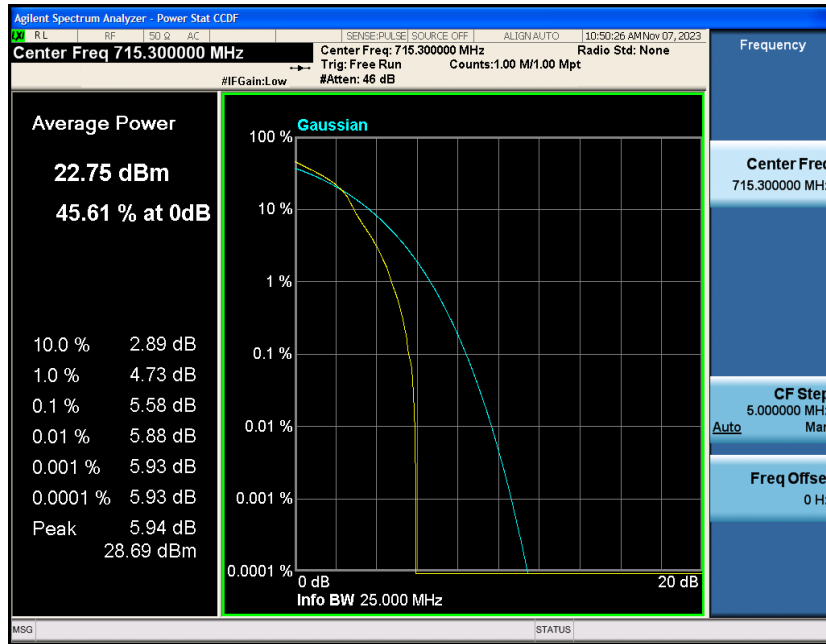
Band12-1.4MHz-16QAM-23095-1RB#0



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



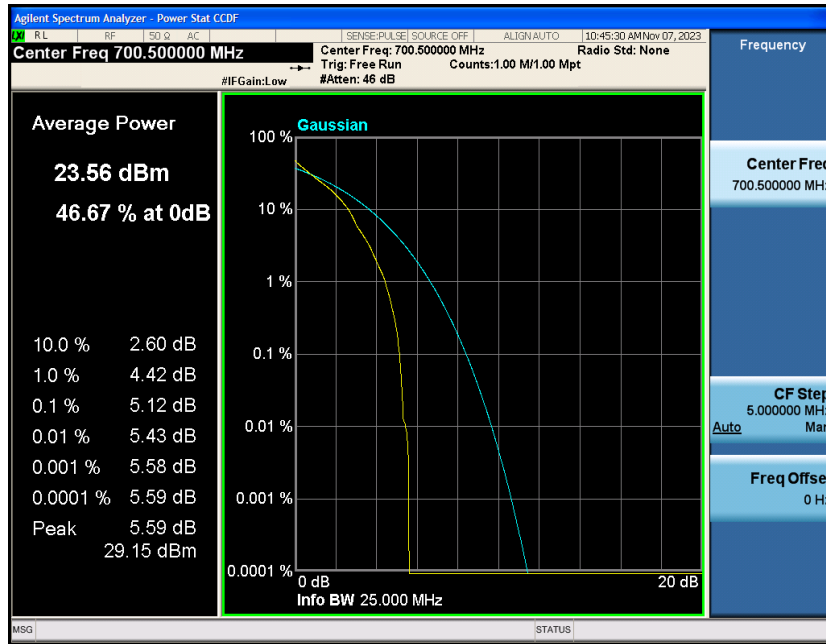
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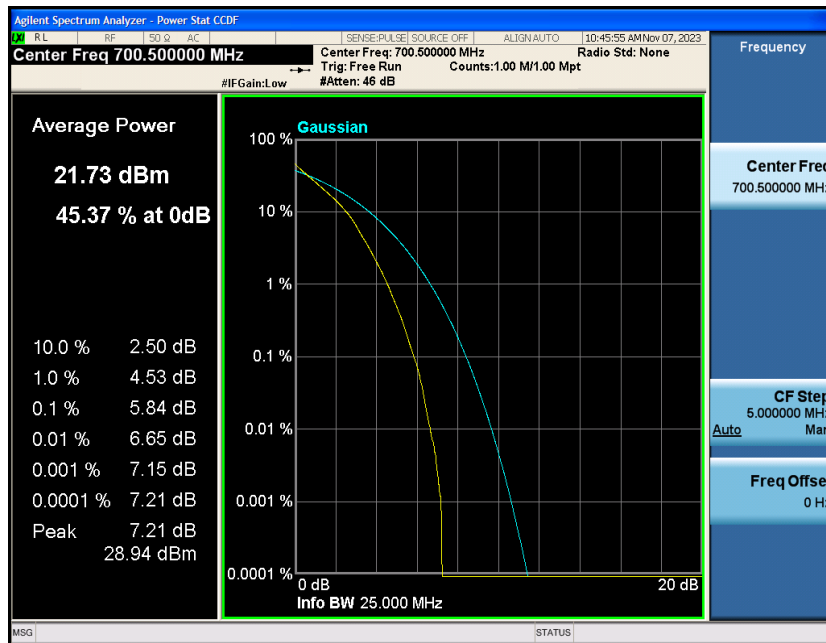
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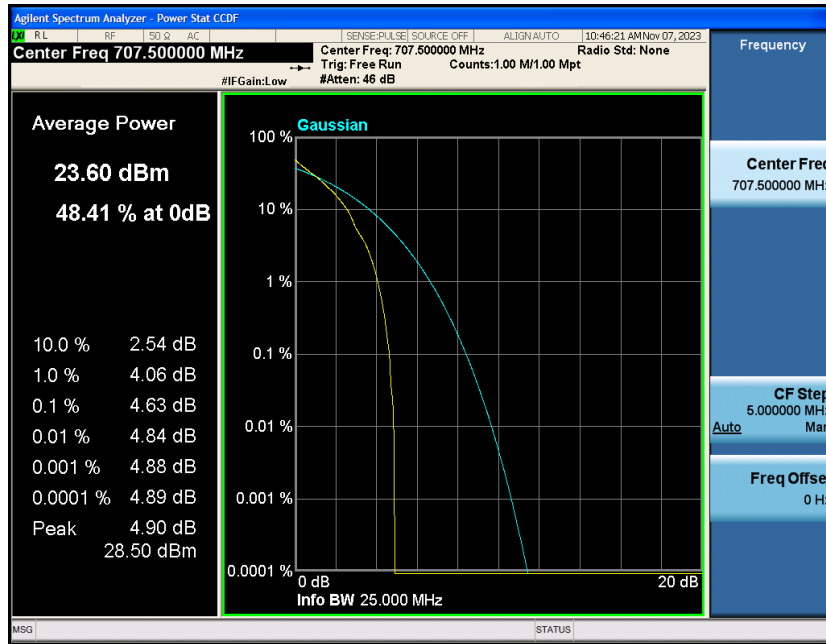
Band12-3MHz-QPSK-23025-1RB#0



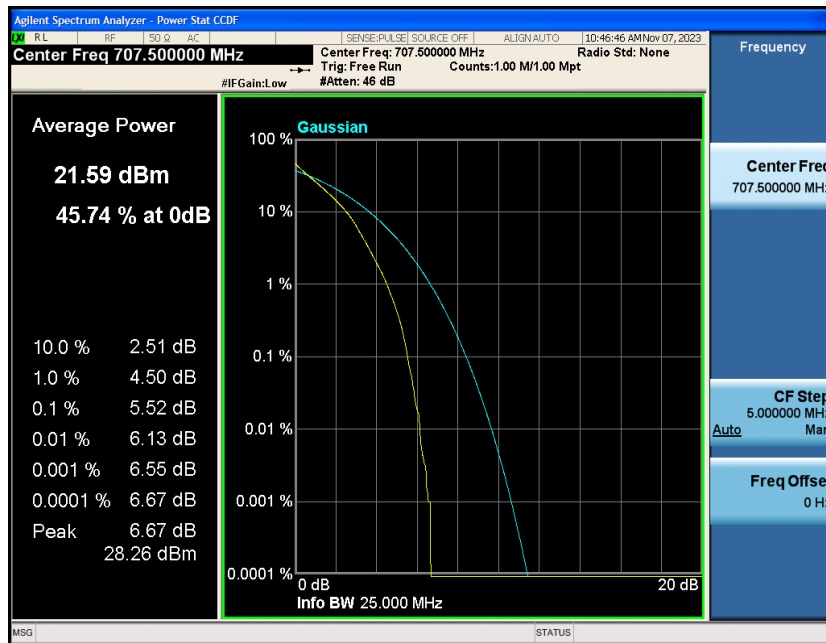
Band12-3MHz-QPSK-23025-15RB#0



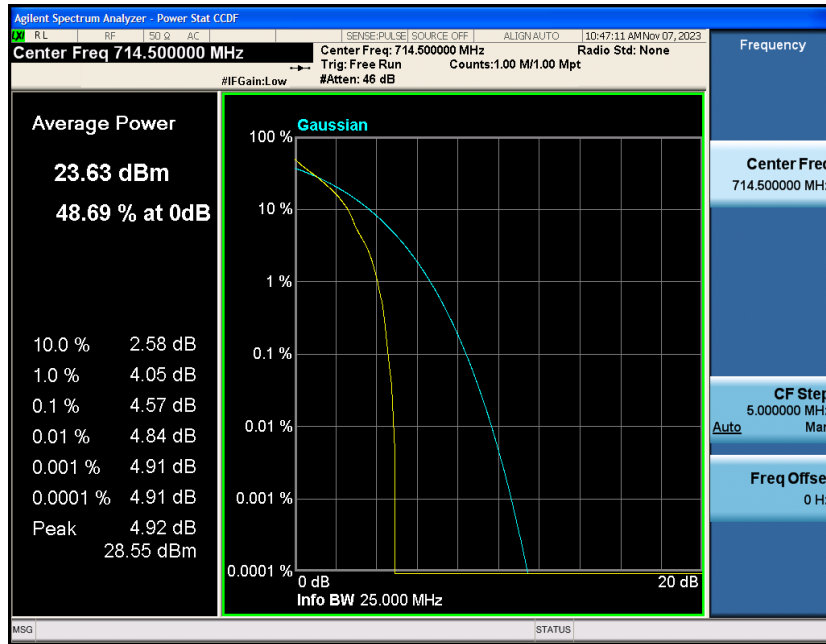
Band12-3MHz-QPSK-23095-1RB#0



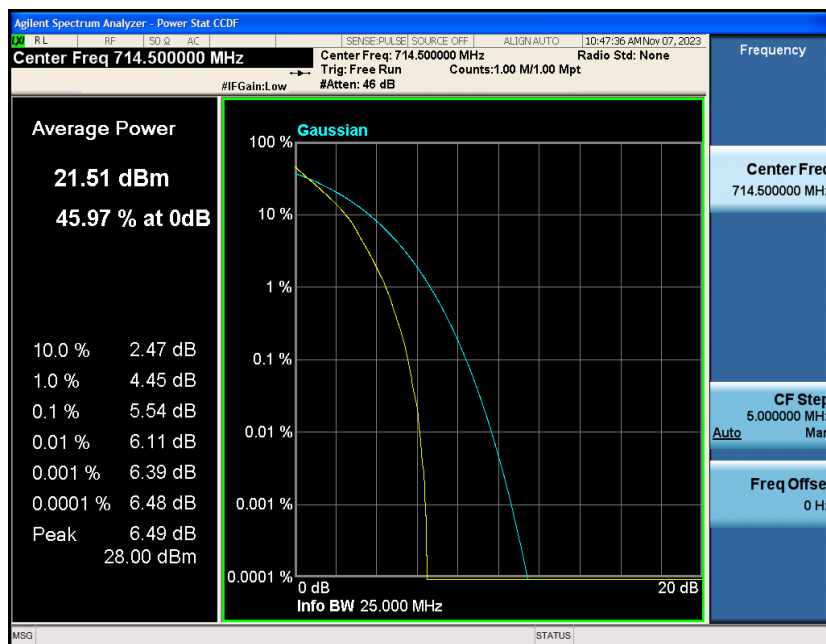
Band12-3MHz-QPSK-23095-15RB#0



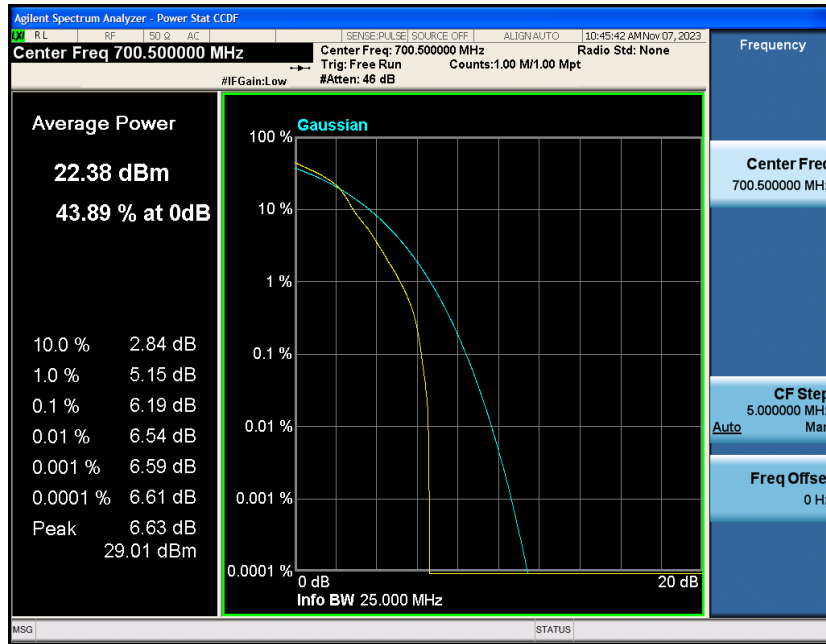
Band12-3MHz-QPSK-23165-1RB#0



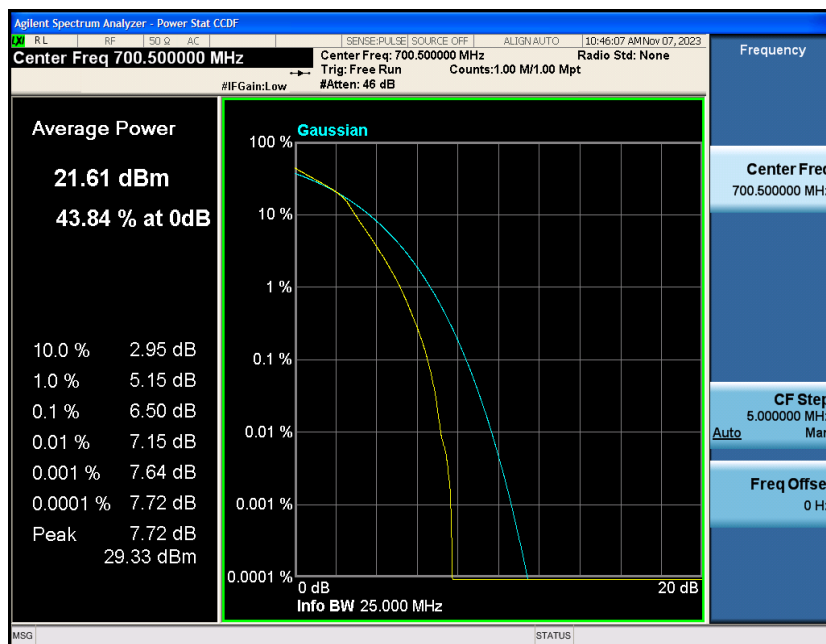
Band12-3MHz-QPSK-23165-15RB#0



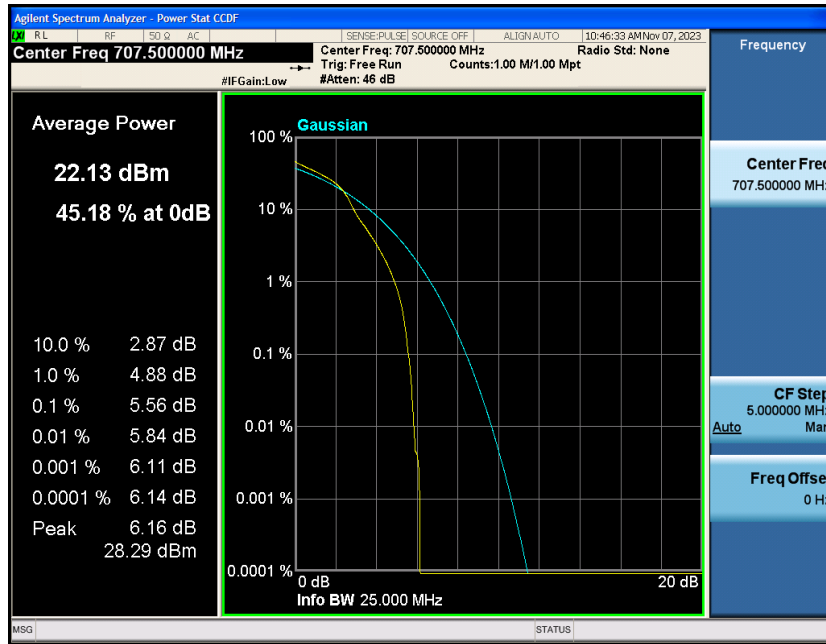
Band12-3MHz-16QAM-23025-1RB#0



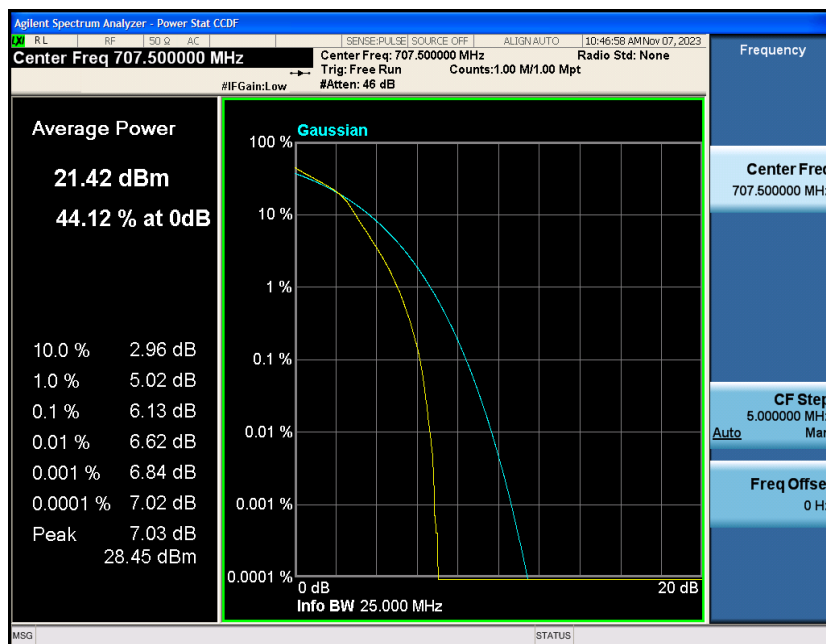
Band12-3MHz-16QAM-23025-15RB#0



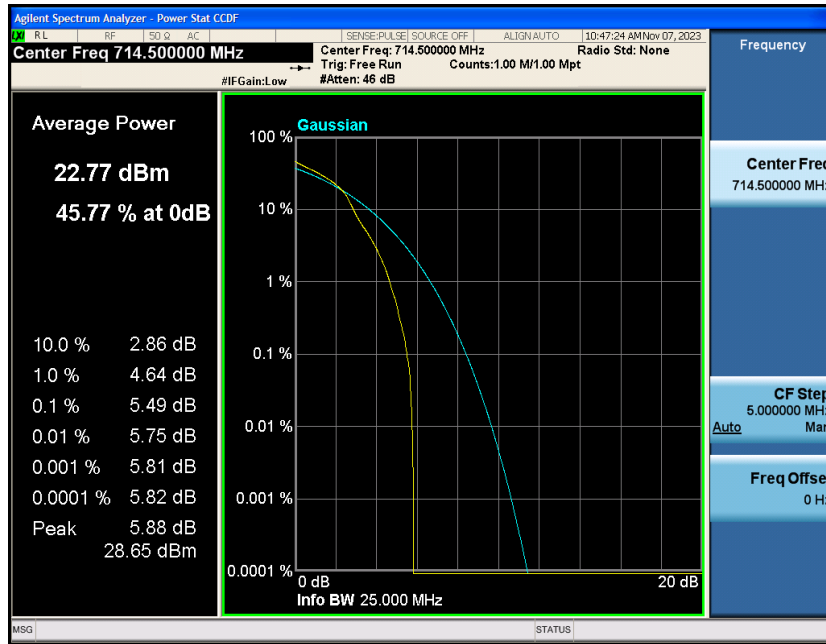
Band12-3MHz-16QAM-23095-1RB#0



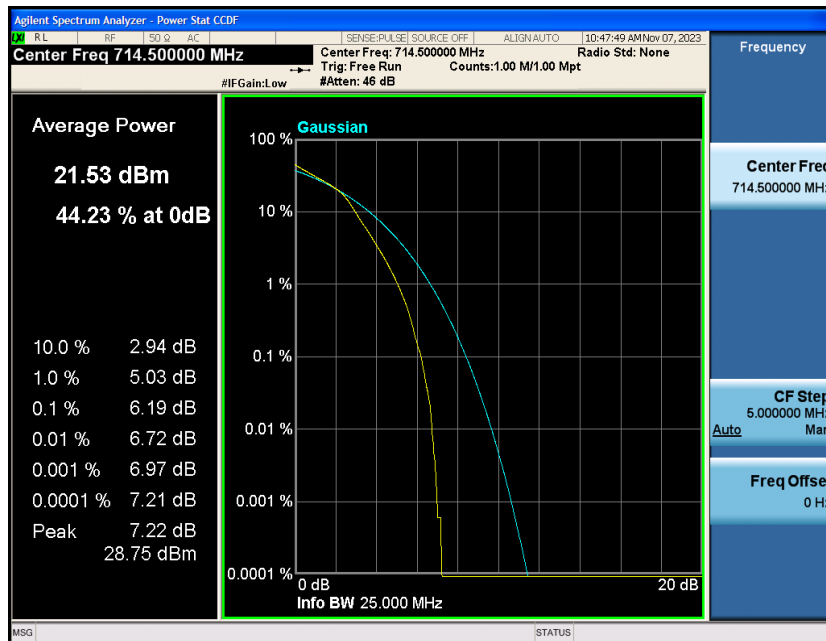
Band12-3MHz-16QAM-23095-15RB#0



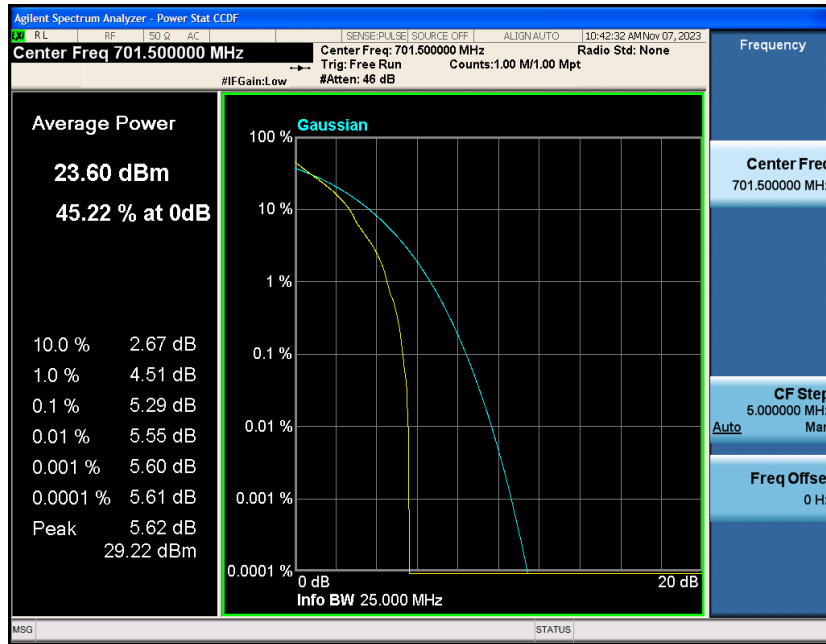
Band12-3MHz-16QAM-23165-1RB#0



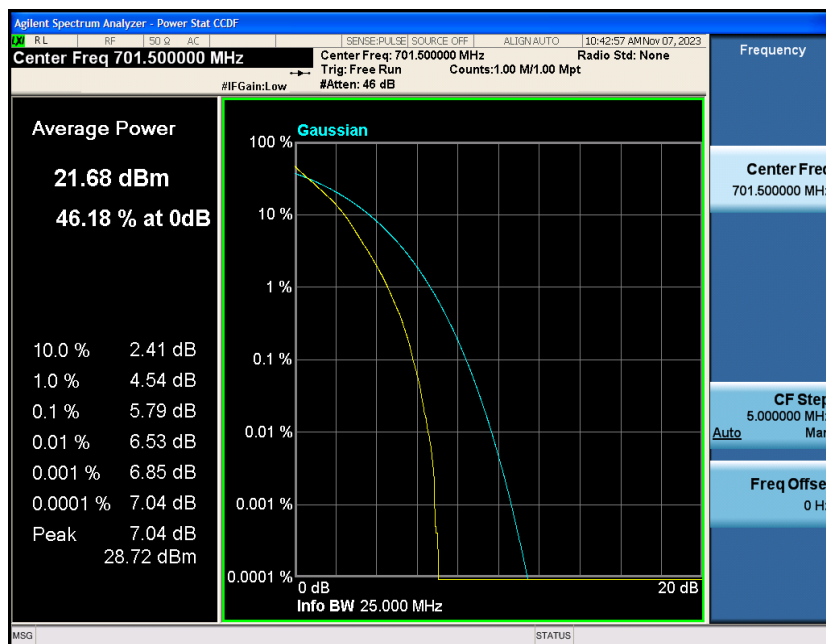
Band12-3MHz-16QAM-23165-15RB#0



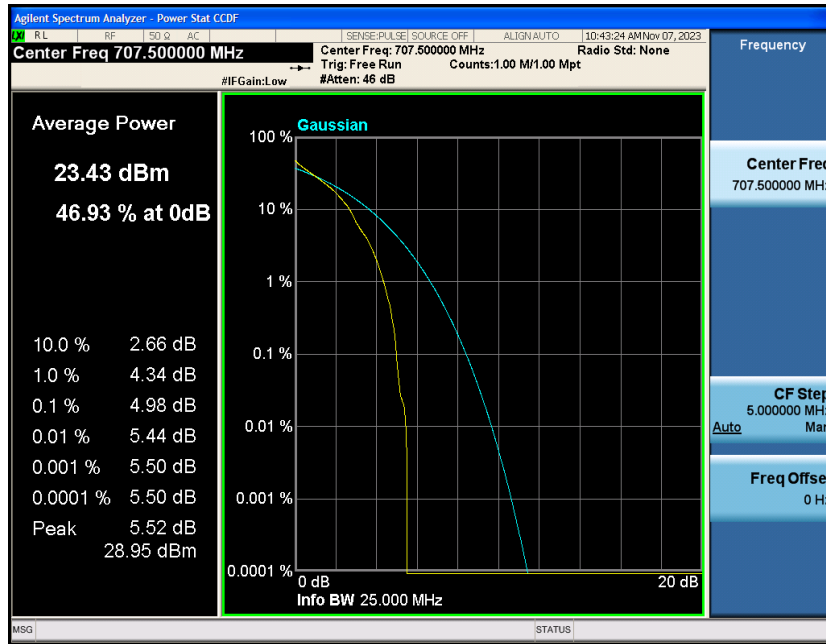
Band12-5MHz-QPSK-23035-1RB#0



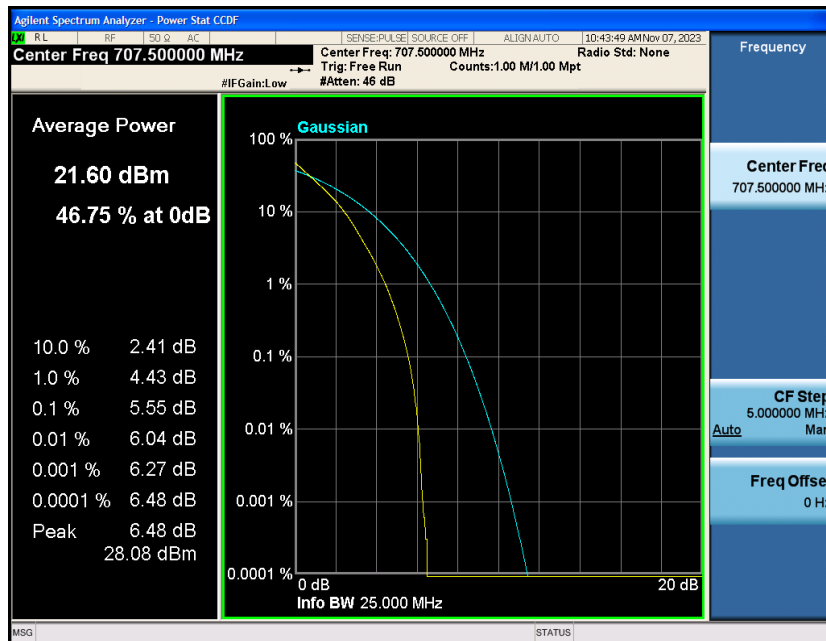
Band12-5MHz-QPSK-23035-25RB#0



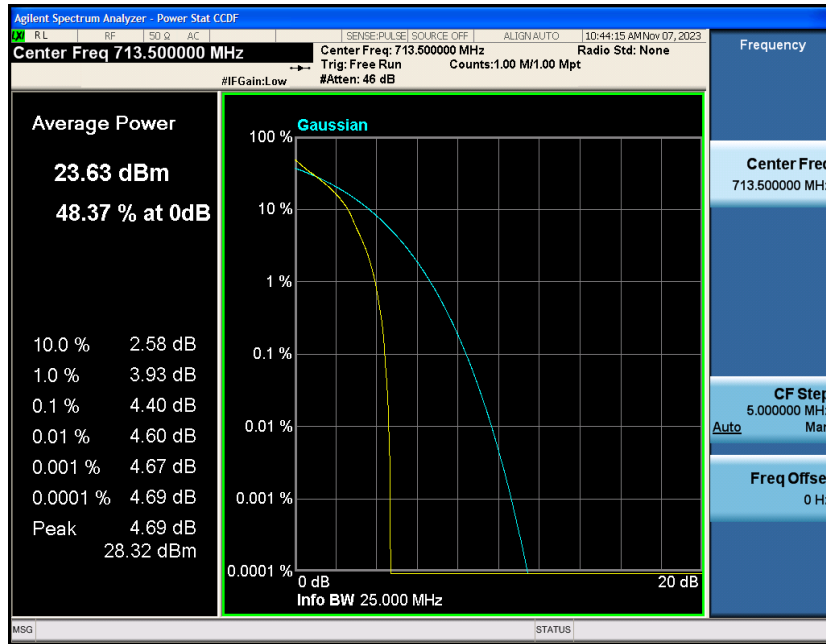
Band12-5MHz-QPSK-23095-1RB#0



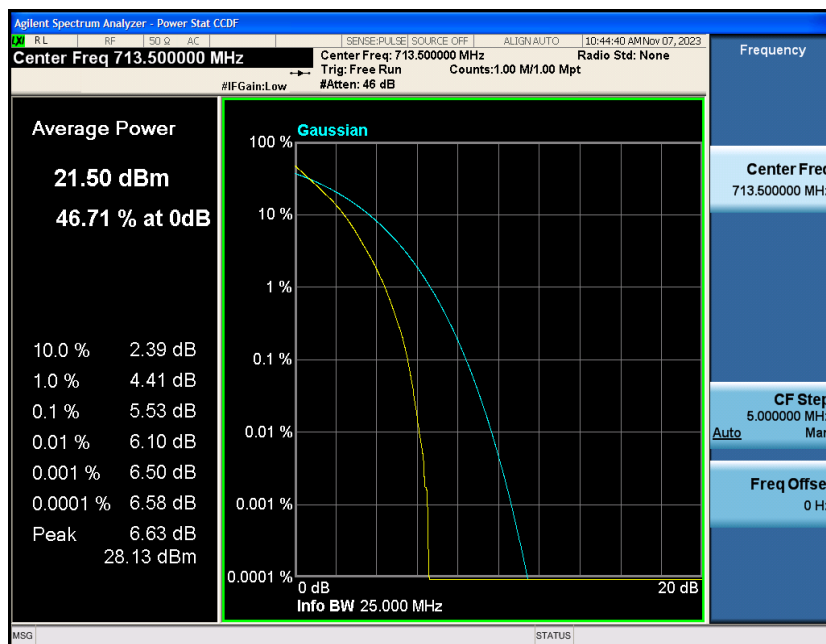
Band12-5MHz-QPSK-23095-25RB#0



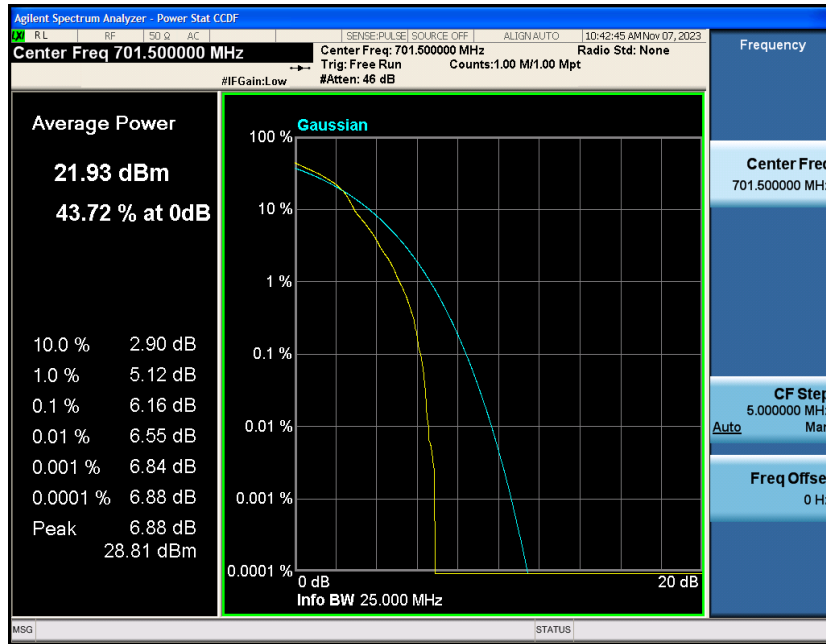
Band12-5MHz-QPSK-23155-1RB#0



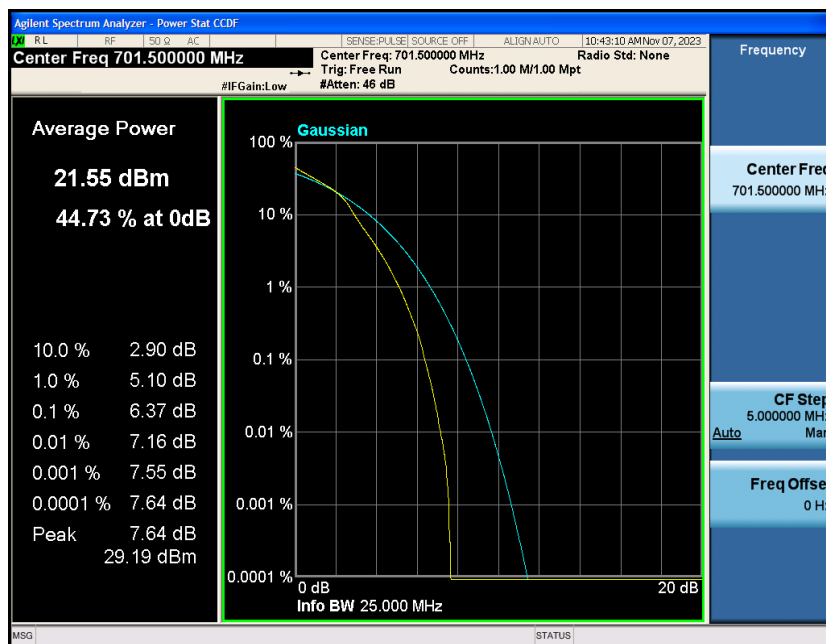
Band12-5MHz-QPSK-23155-25RB#0



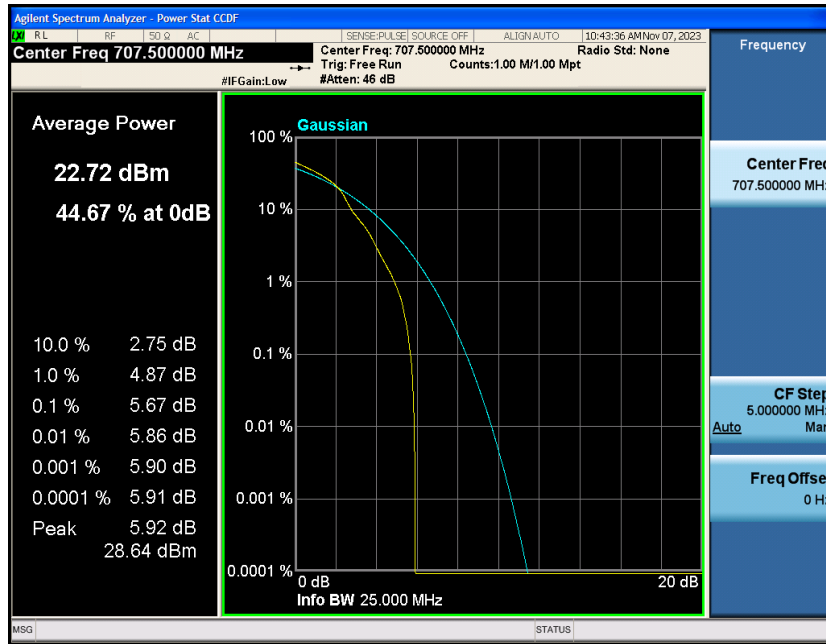
Band12-5MHz-16QAM-23035-1RB#0



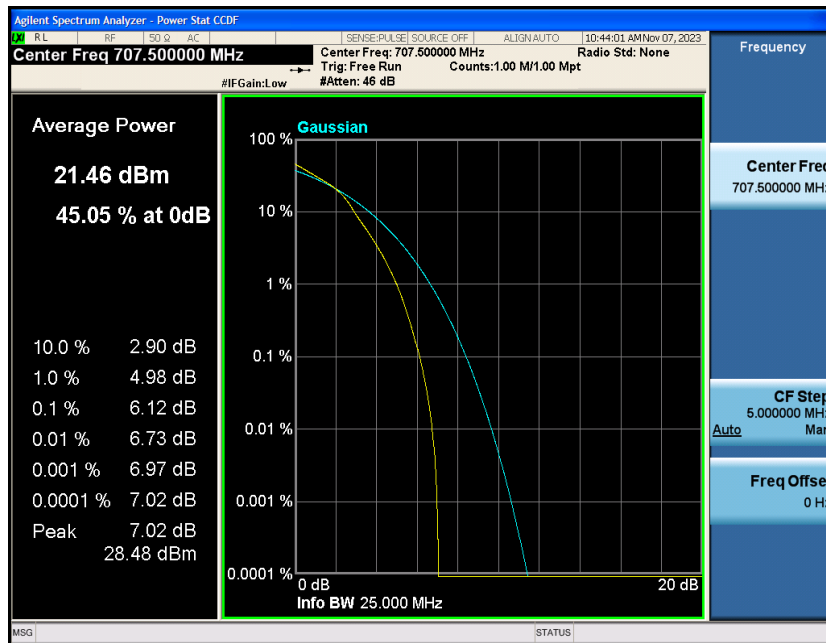
Band12-5MHz-16QAM-23035-25RB#0



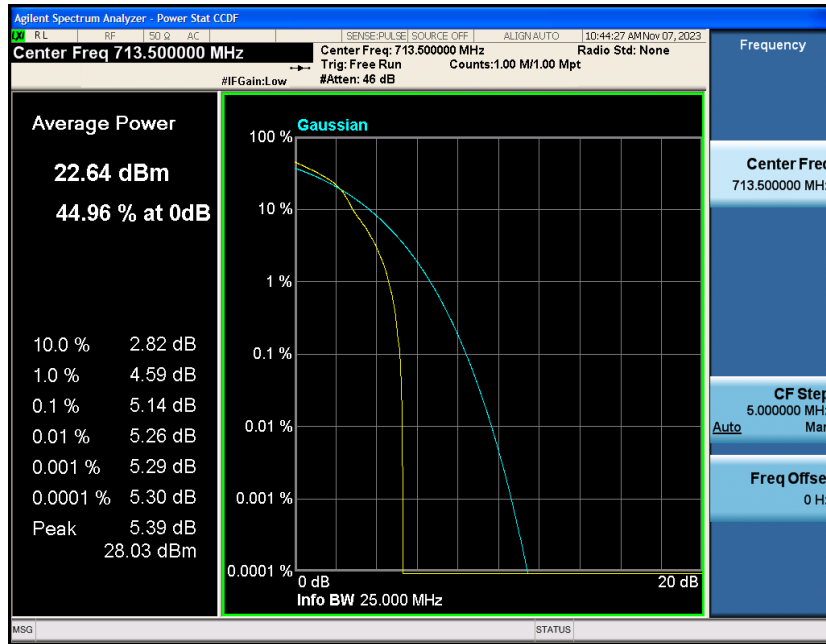
Band12-5MHz-16QAM-23095-1RB#0



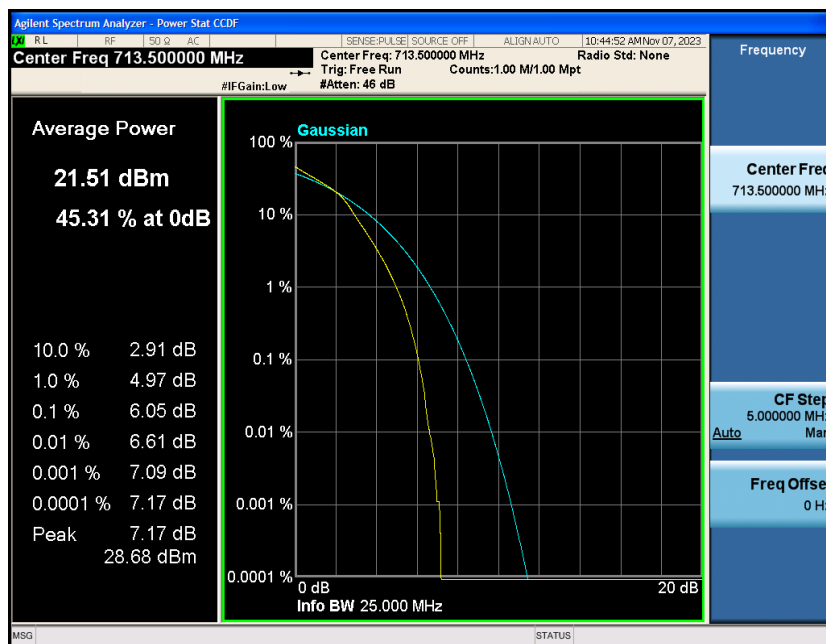
Band12-5MHz-16QAM-23095-25RB#0



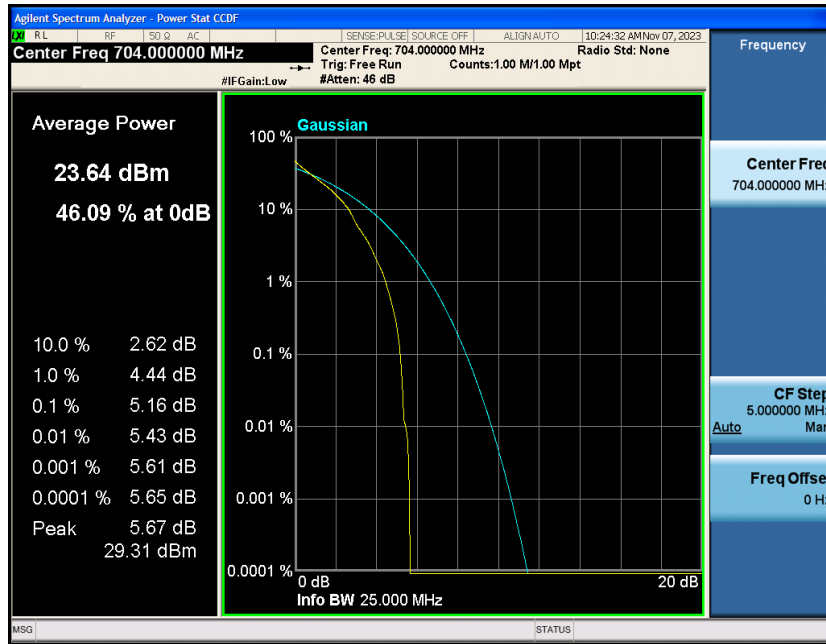
Band12-5MHz-16QAM-23155-1RB#0



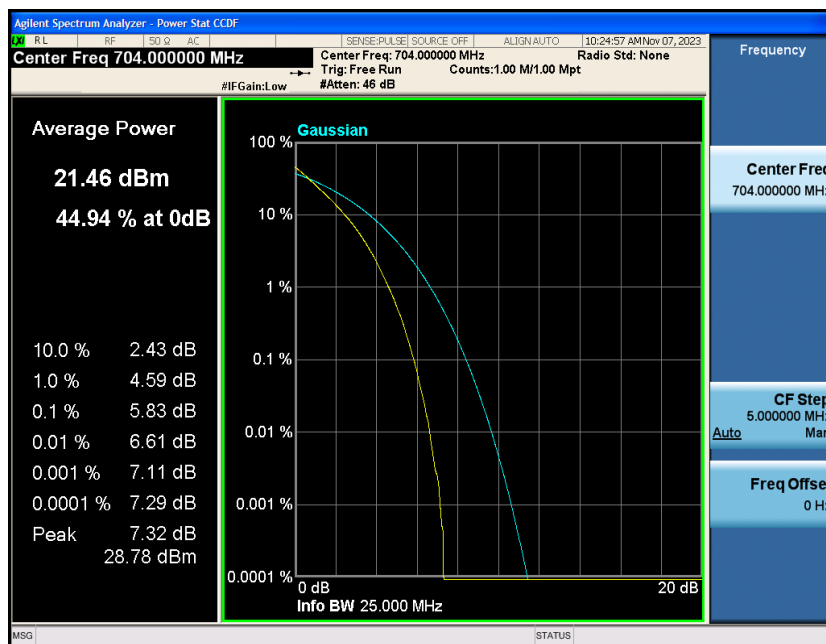
Band12-5MHz-16QAM-23155-25RB#0



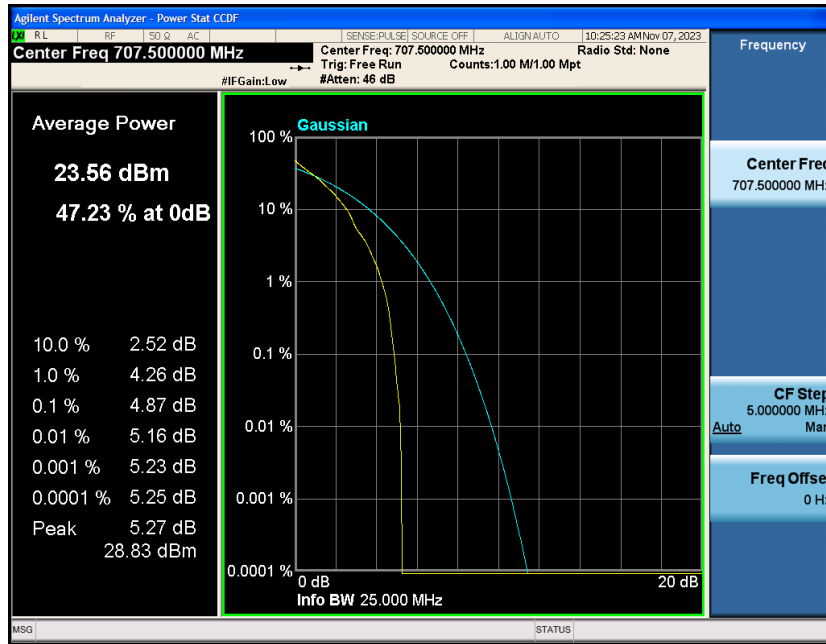
Band12-10MHz-QPSK-23060-1RB#0



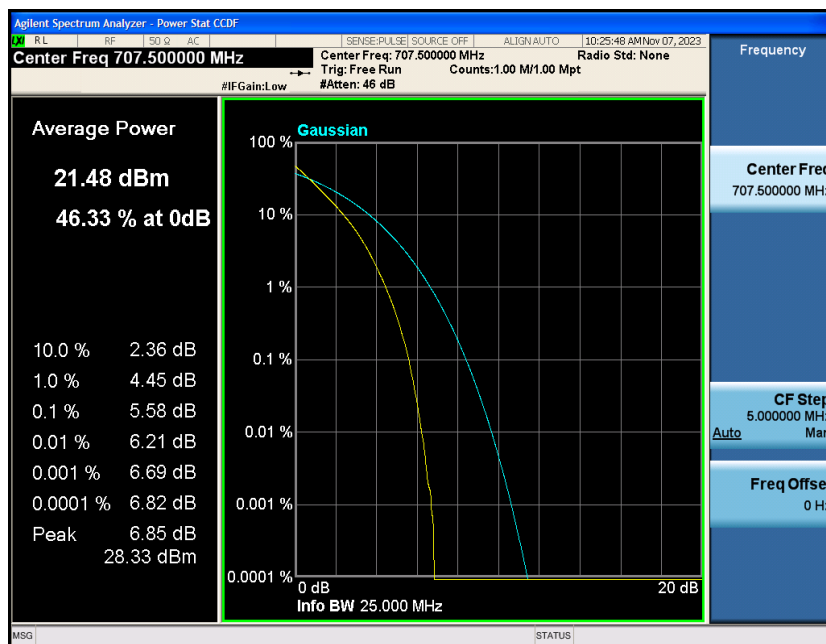
Band12-10MHz-QPSK-23060-50RB#0



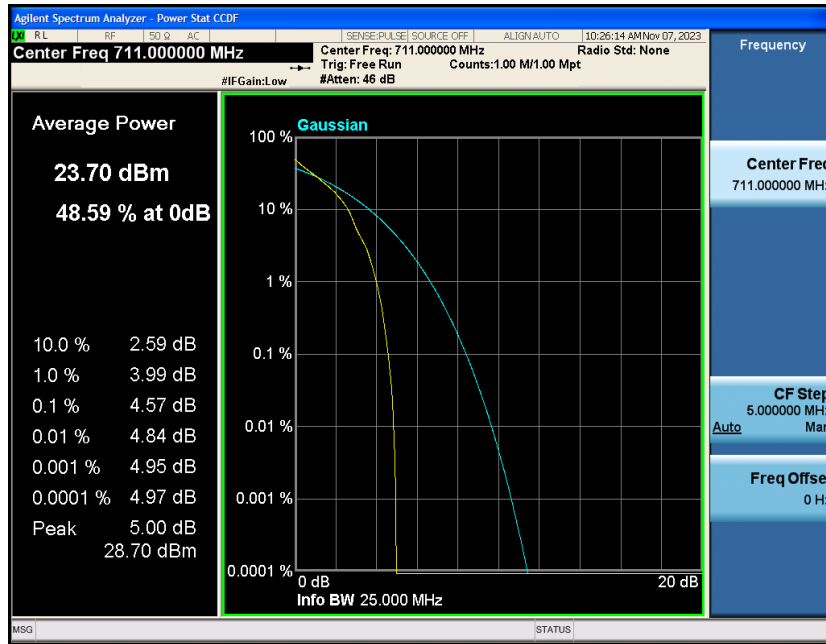
Band12-10MHz-QPSK-23095-1RB#0



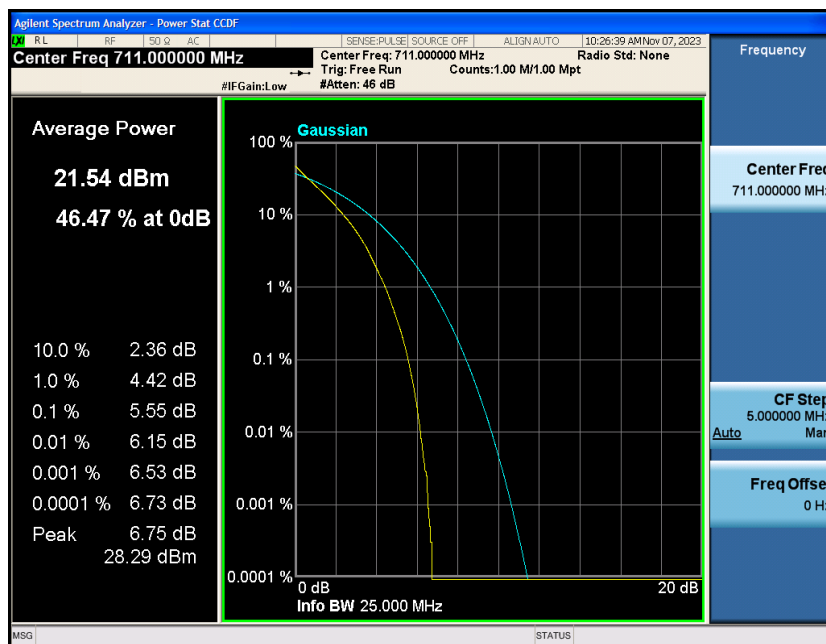
Band12-10MHz-QPSK-23095-50RB#0



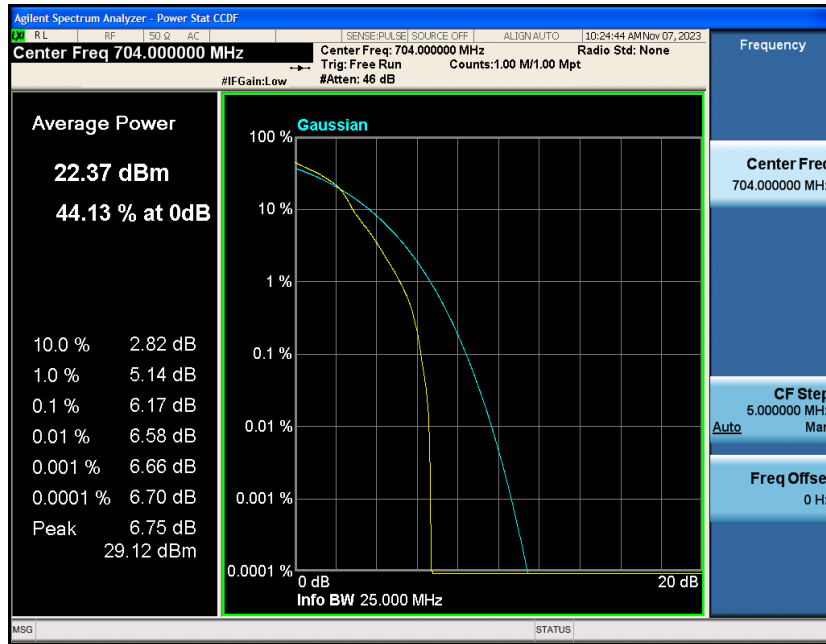
Band12-10MHz-QPSK-23130-1RB#0



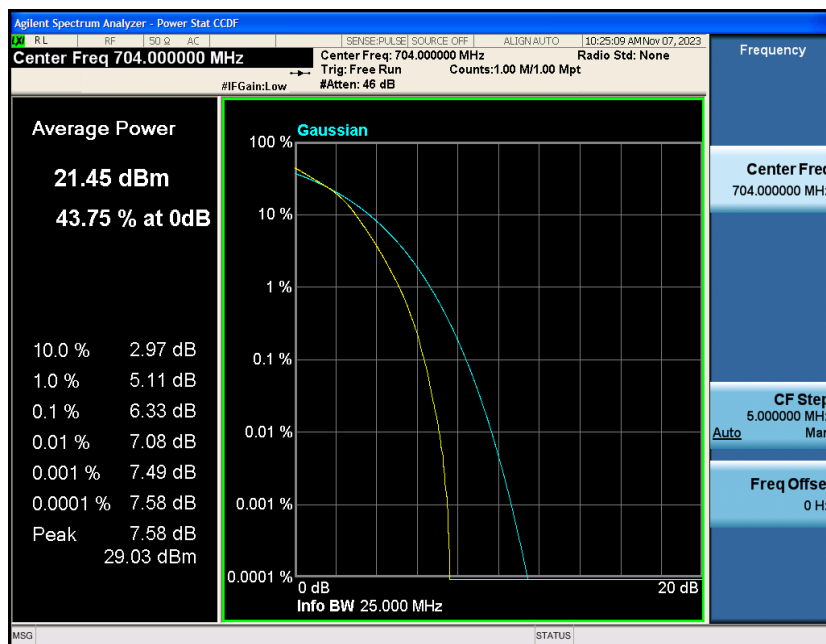
Band12-10MHz-QPSK-23130-50RB#0



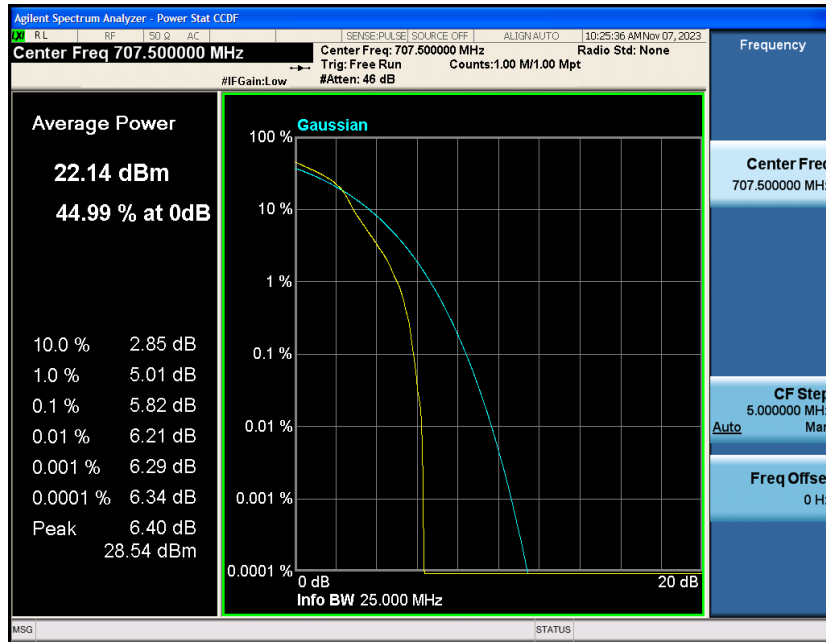
Band12-10MHz-16QAM-23060-1RB#0



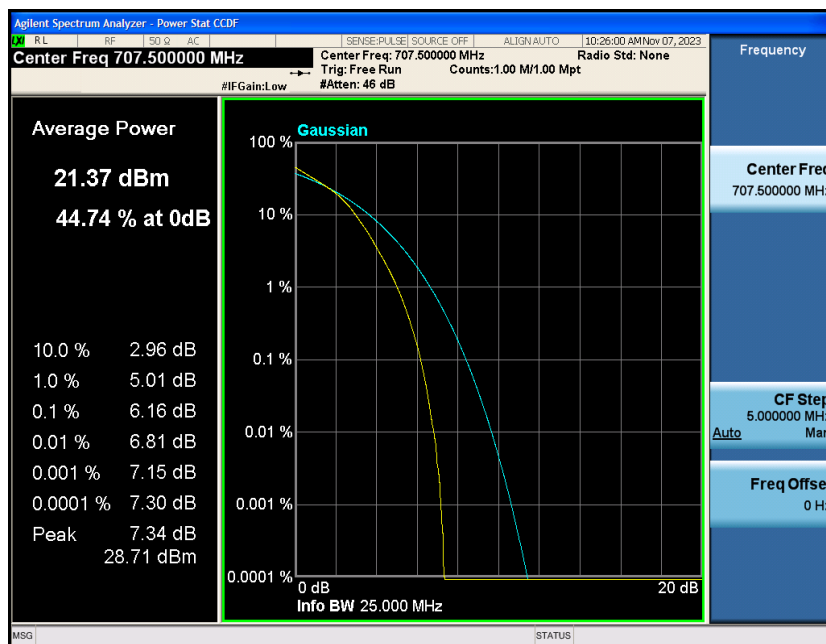
Band12-10MHz-16QAM-23060-50RB#0



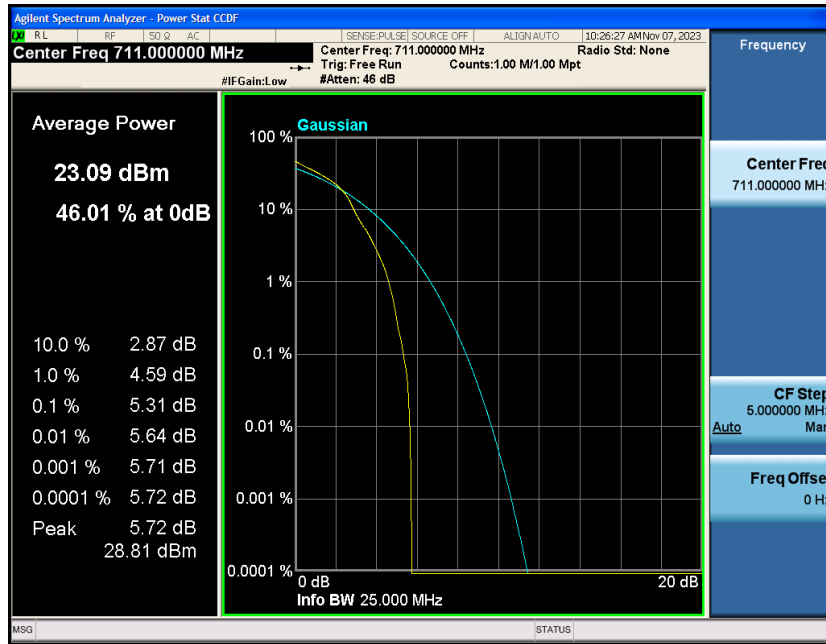
Band12-10MHz-16QAM-23095-1RB#0



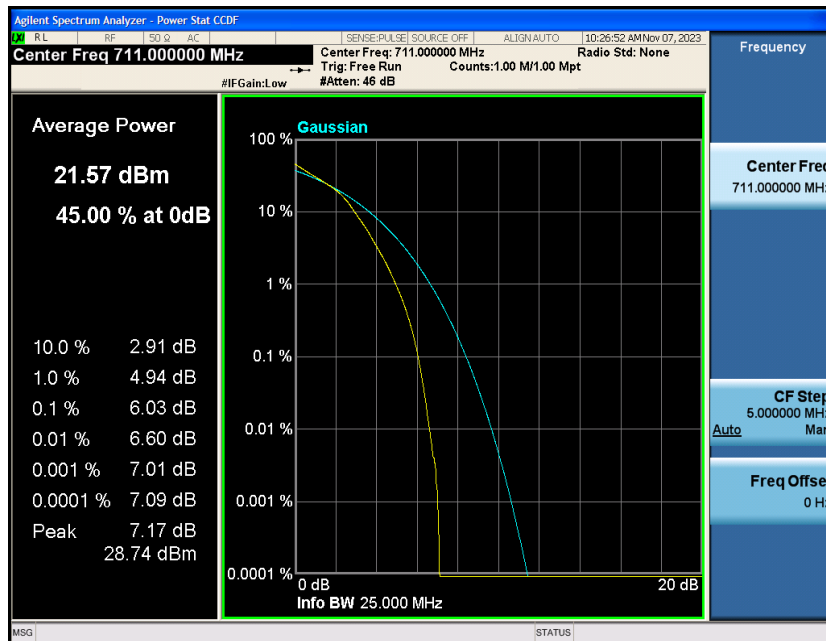
Band12-10MHz-16QAM-23095-50RB#0



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



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



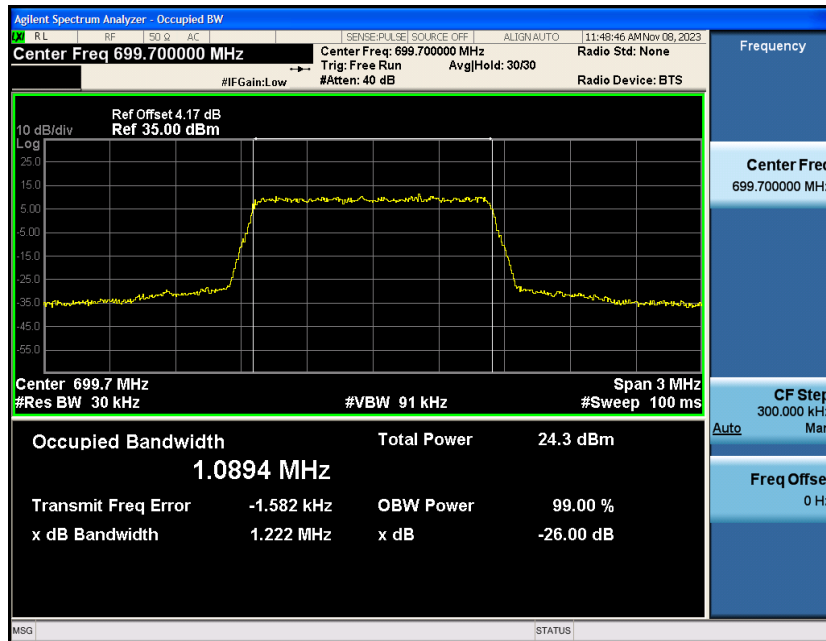
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

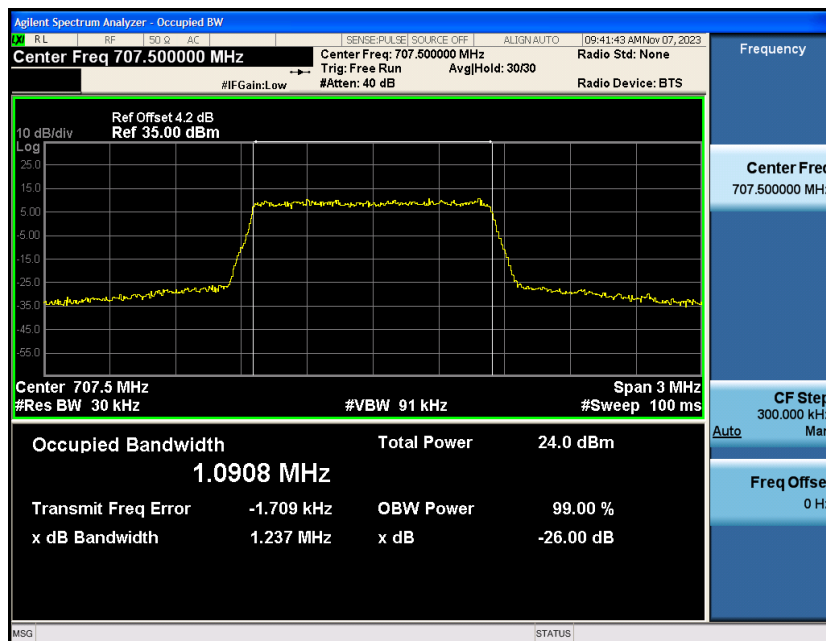
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0894	1.222	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0908	1.237	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0900	1.231	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0932	1.240	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0919	1.241	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0890	1.231	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6889	2.951	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7001	2.952	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7000	2.948	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6941	2.970	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6964	2.975	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6982	2.955	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5011	4.873	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4872	4.890	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4987	4.849	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5028	4.883	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4972	4.884	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5018	4.850	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9962	9.546	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9687	9.564	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9594	9.542	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9773	9.578	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9627	9.600	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9586	9.576	PASS

Test Graphs

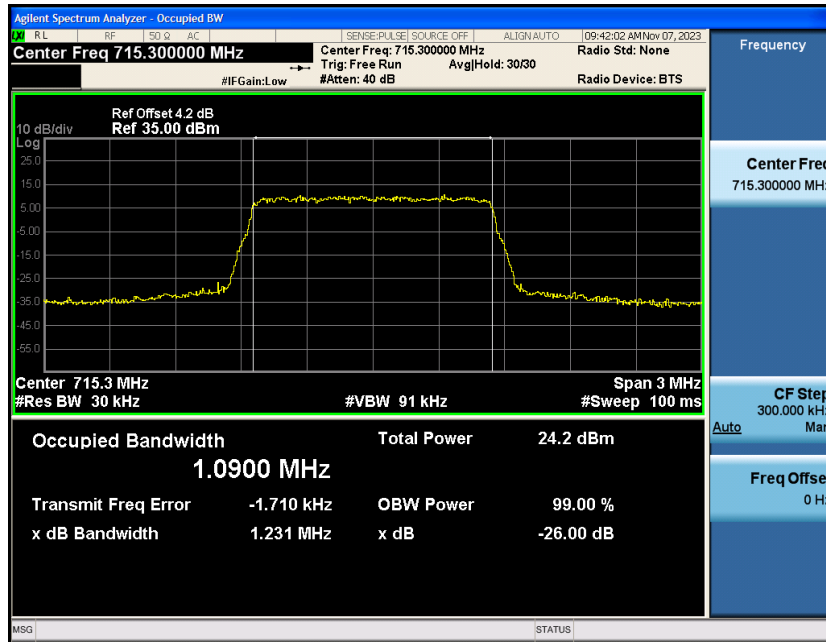
Band12-1.4MHz-QPSK-23017-6RB#0



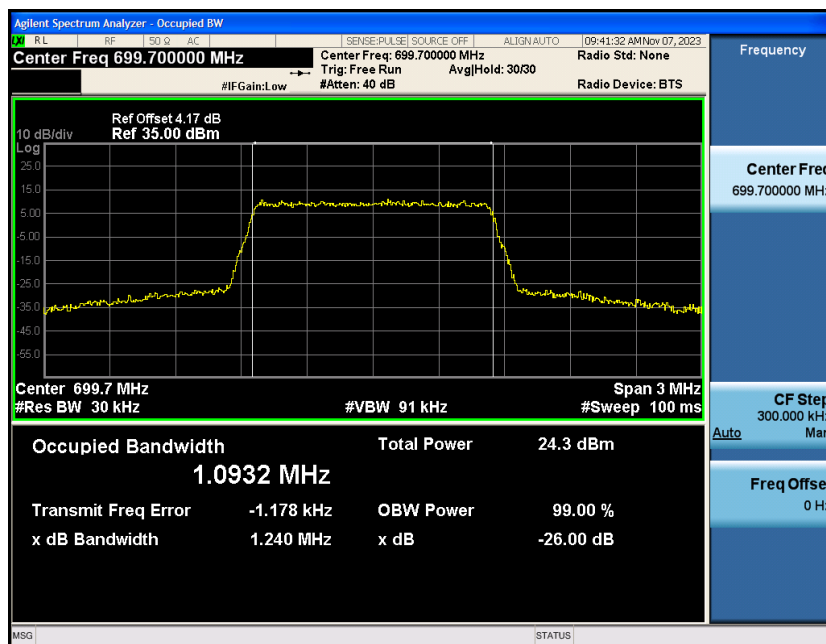
Band12-1.4MHz-QPSK-23095-6RB#0



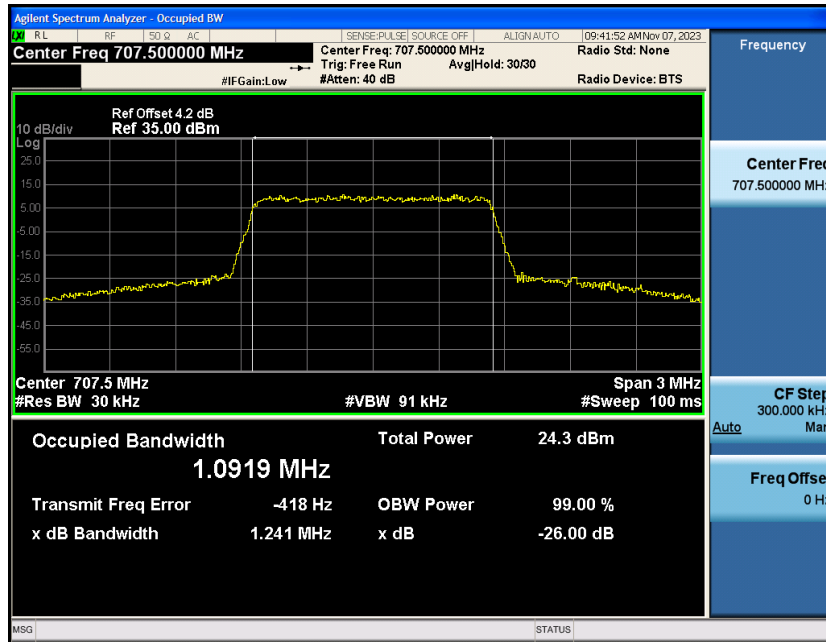
Band12-1.4MHz-QPSK-23173-6RB#0



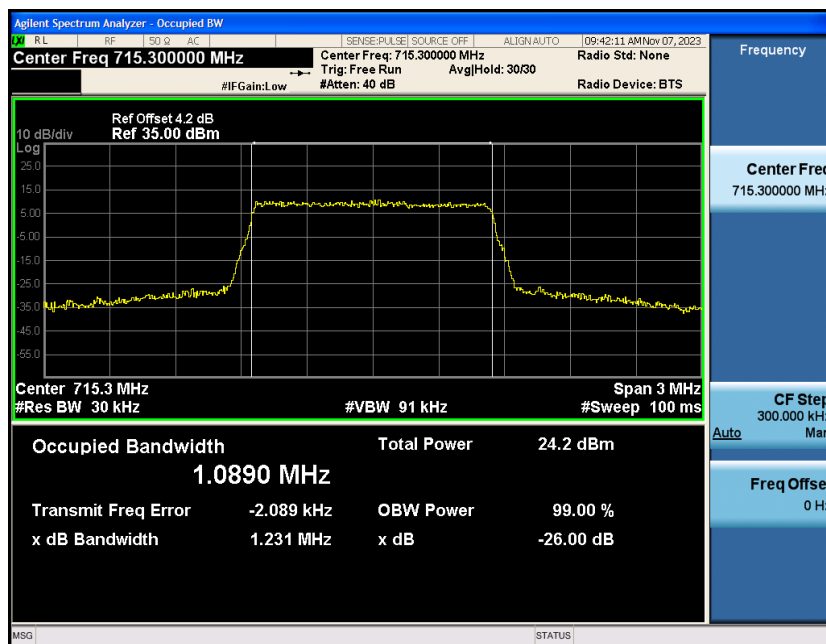
Band12-1.4MHz-16QAM-23017-6RB#0



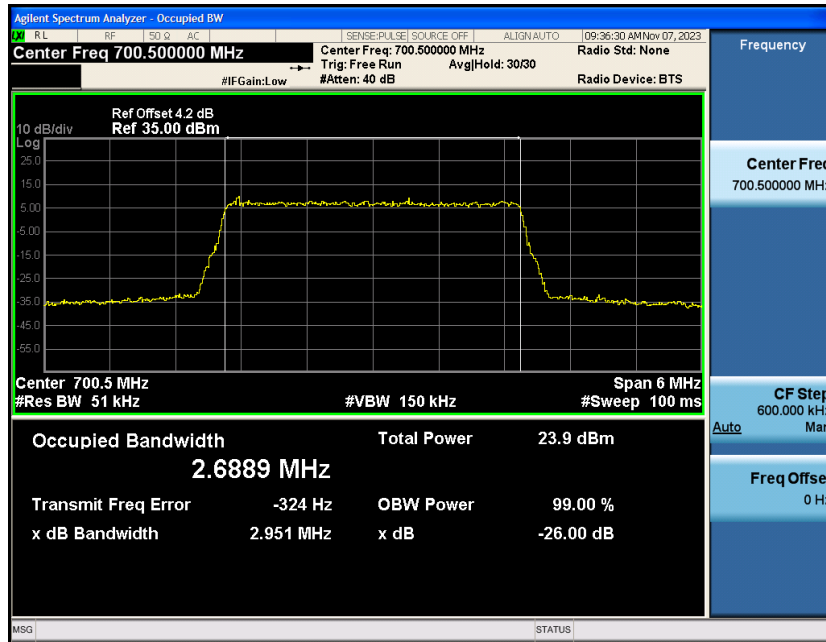
Band12-1.4MHz-16QAM-23095-6RB#0



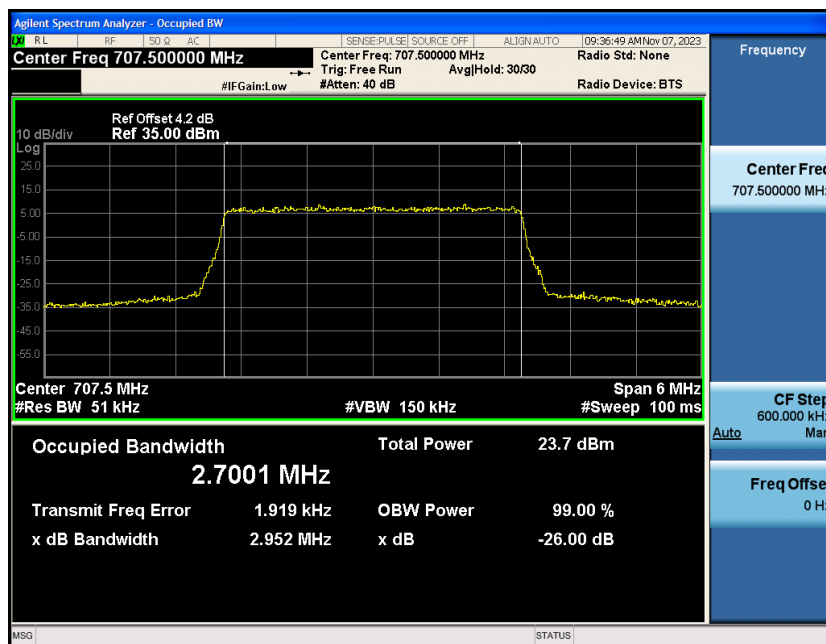
Band12-1.4MHz-16QAM-23173-6RB#0



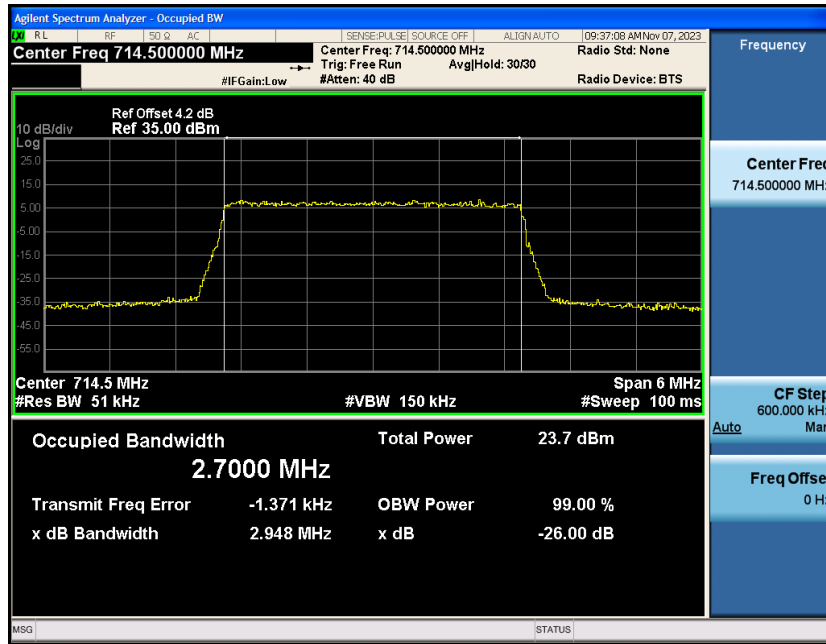
Band12-3MHz-QPSK-23025-15RB#0



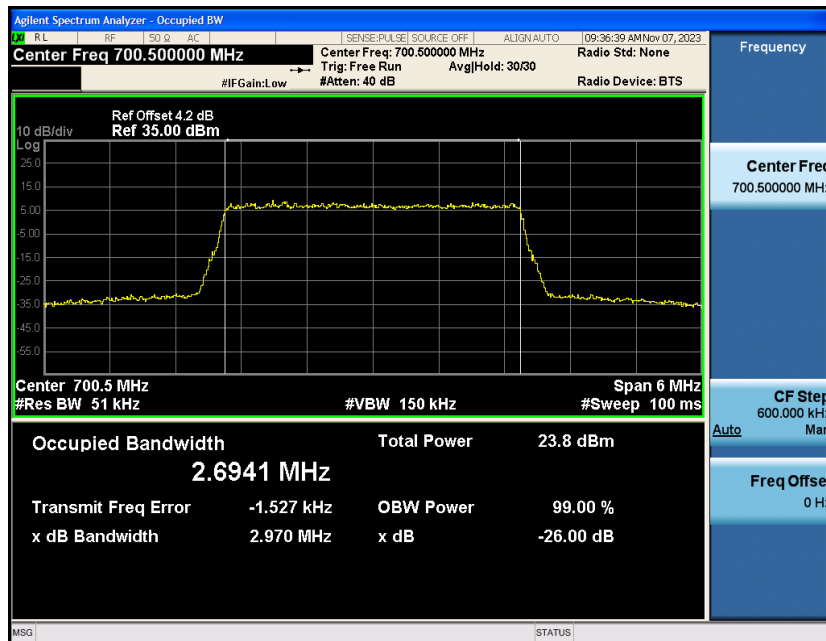
Band12-3MHz-QPSK-23095-15RB#0



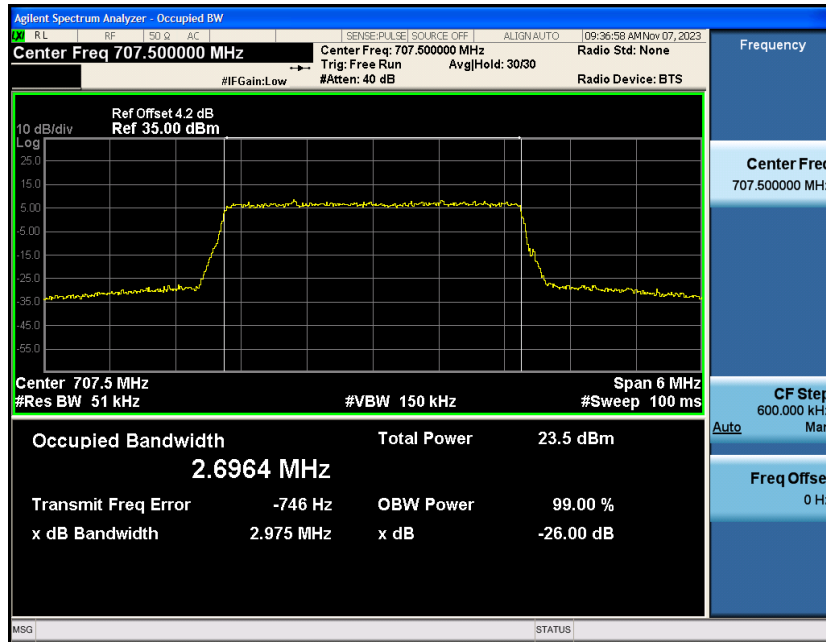
Band12-3MHz-QPSK-23165-15RB#0



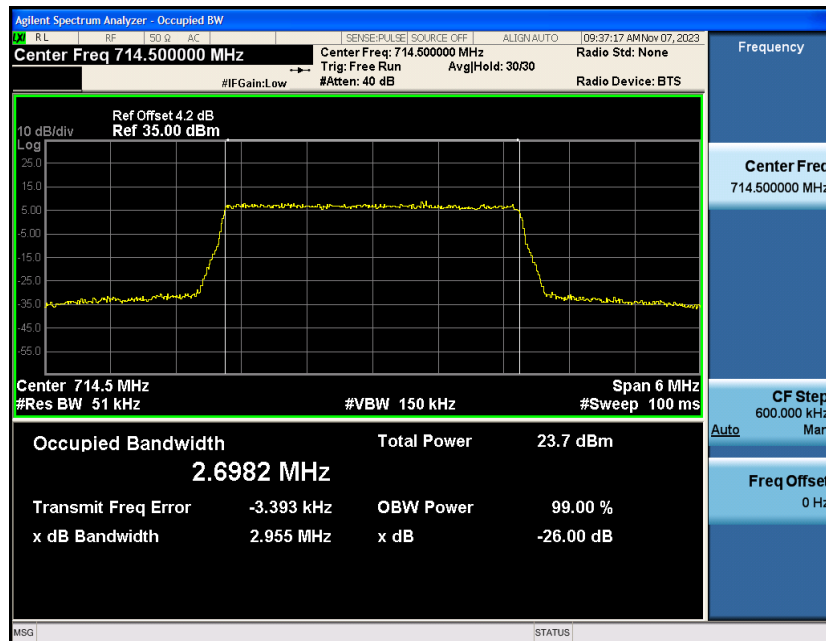
Band12-3MHz-16QAM-23025-15RB#0



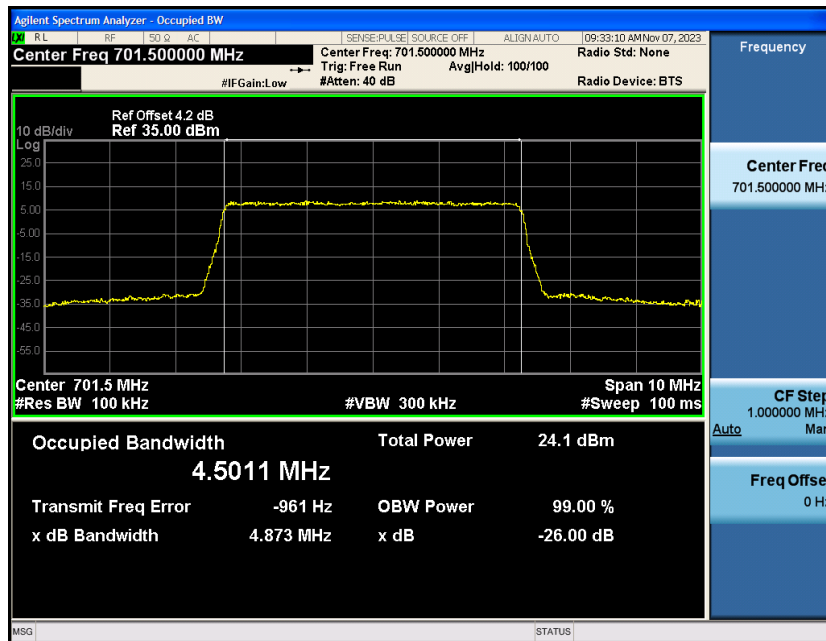
Band12-3MHz-16QAM-23095-15RB#0



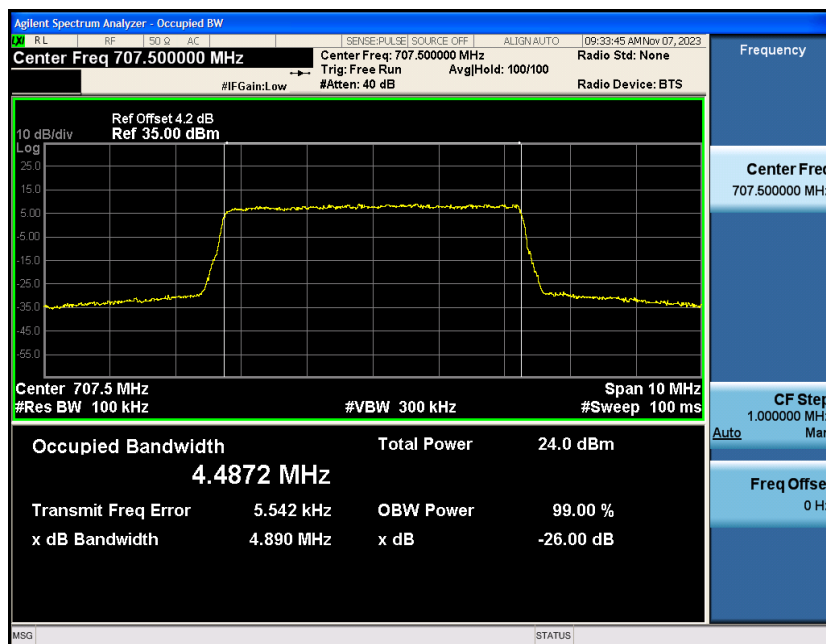
Band12-3MHz-16QAM-23165-15RB#0



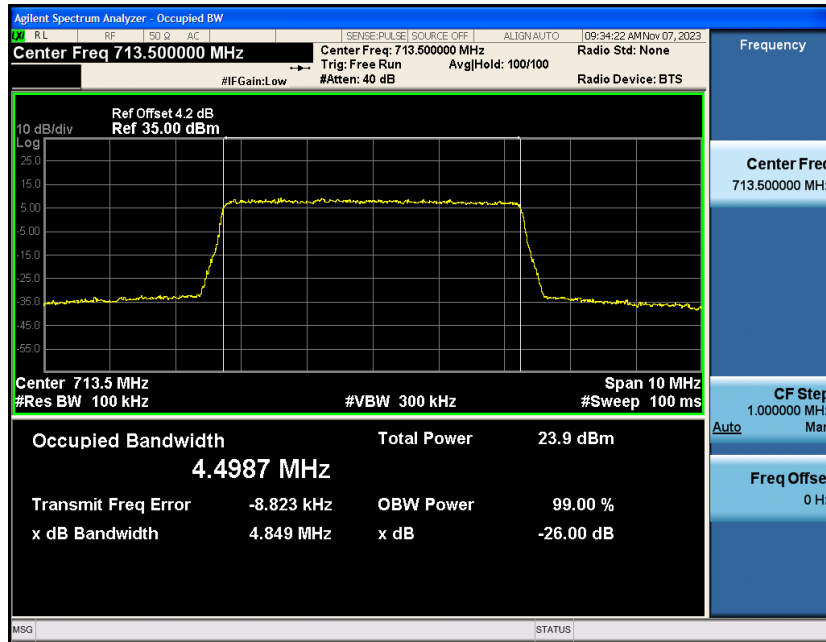
Band12-5MHz-QPSK-23035-25RB#0



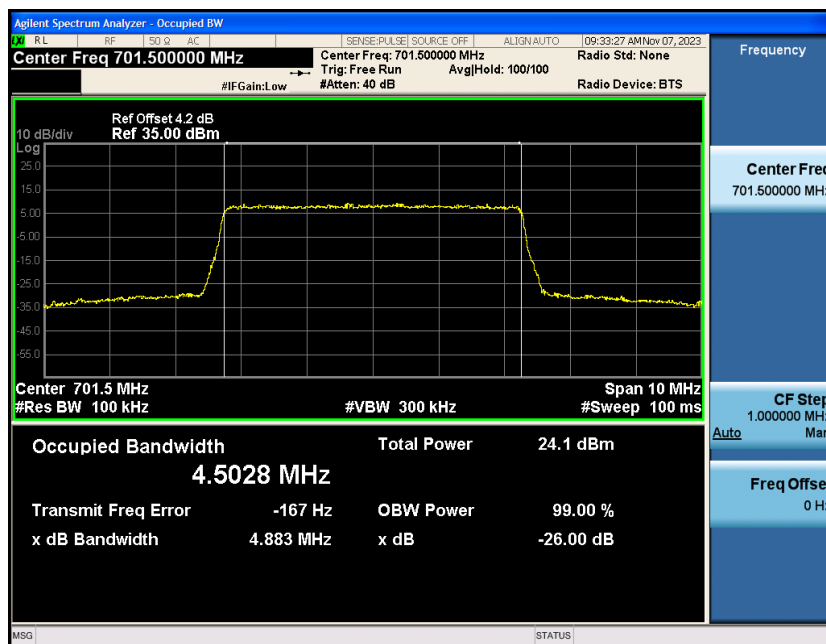
Band12-5MHz-QPSK-23095-25RB#0



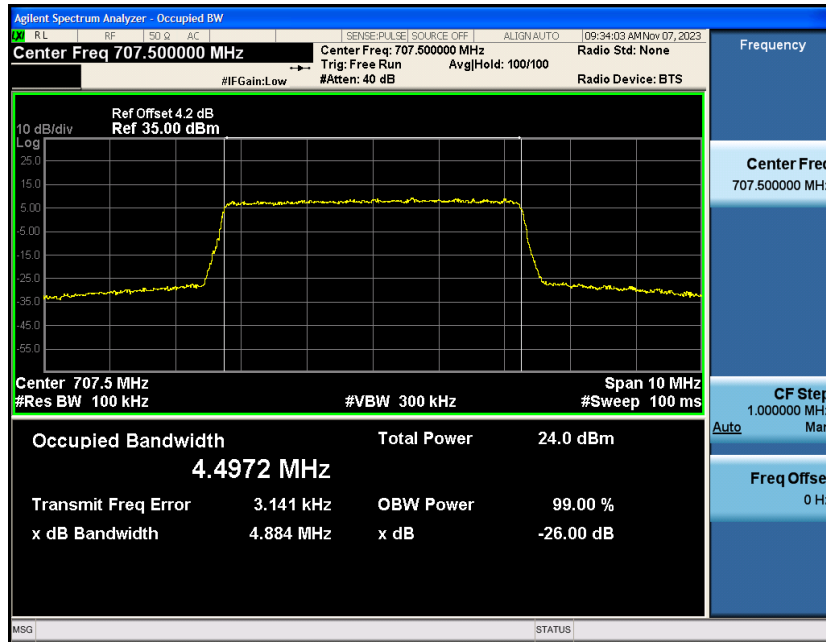
Band12-5MHz-QPSK-23155-25RB#0



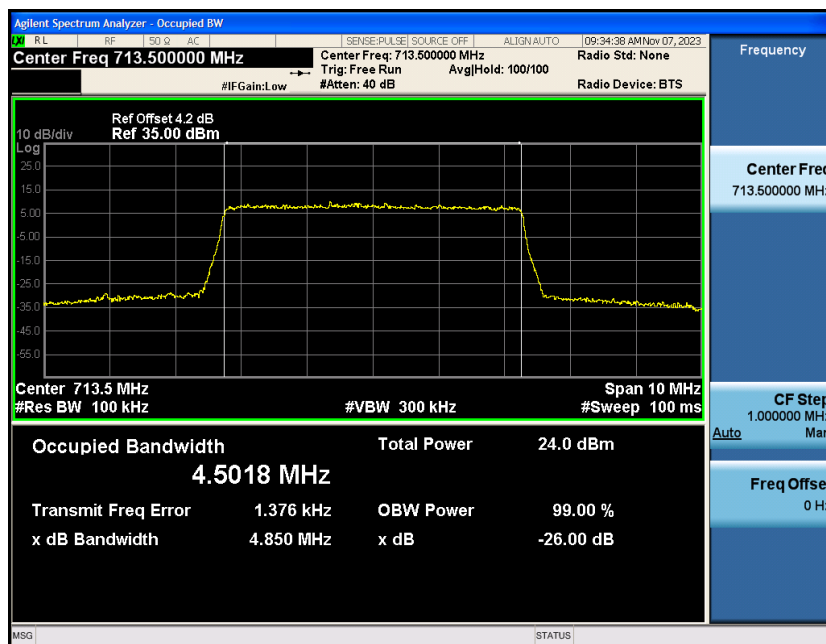
Band12-5MHz-16QAM-23035-25RB#0



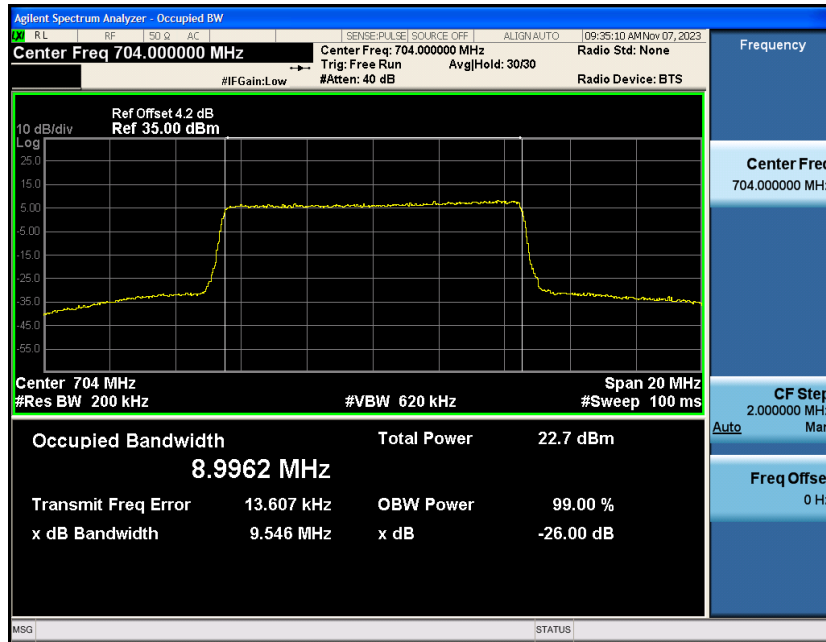
Band12-5MHz-16QAM-23095-25RB#0



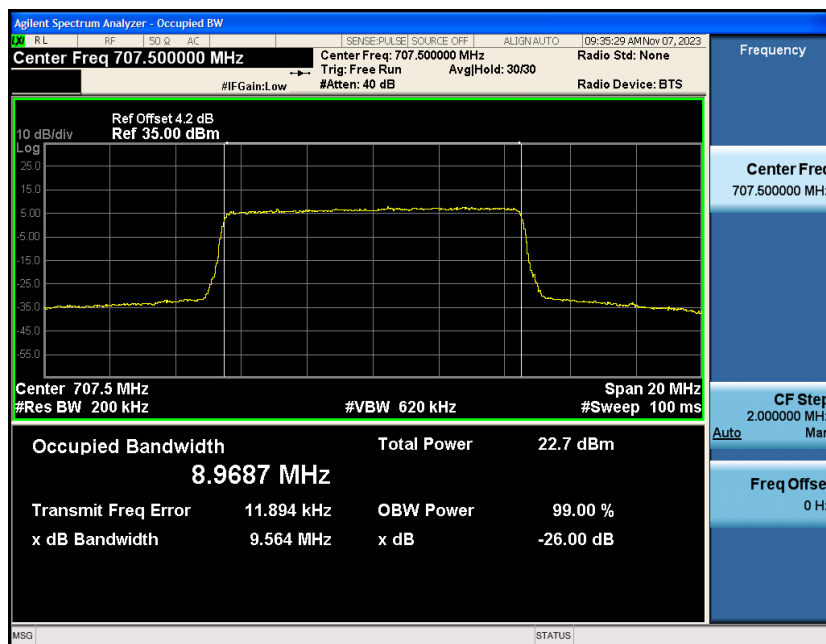
Band12-5MHz-16QAM-23155-25RB#0



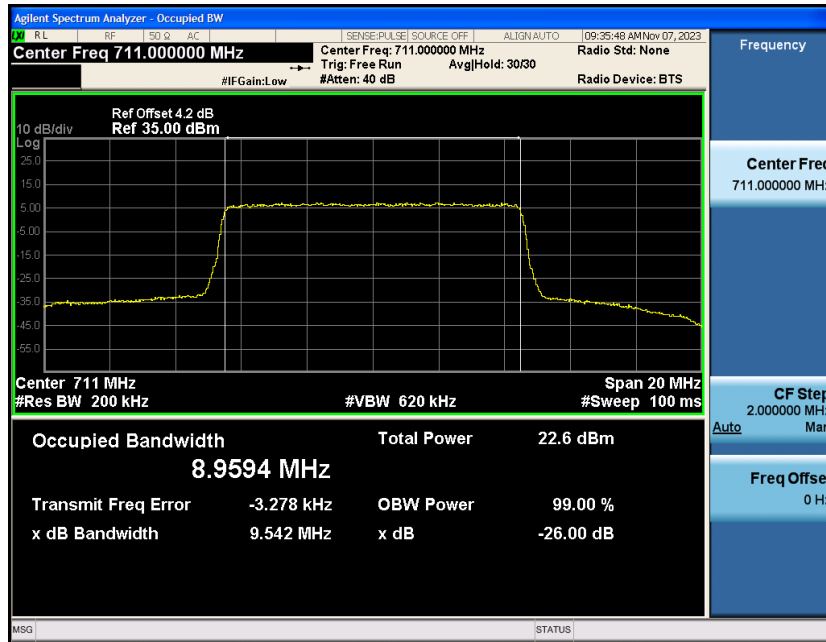
Band12-10MHz-QPSK-23060-50RB#0



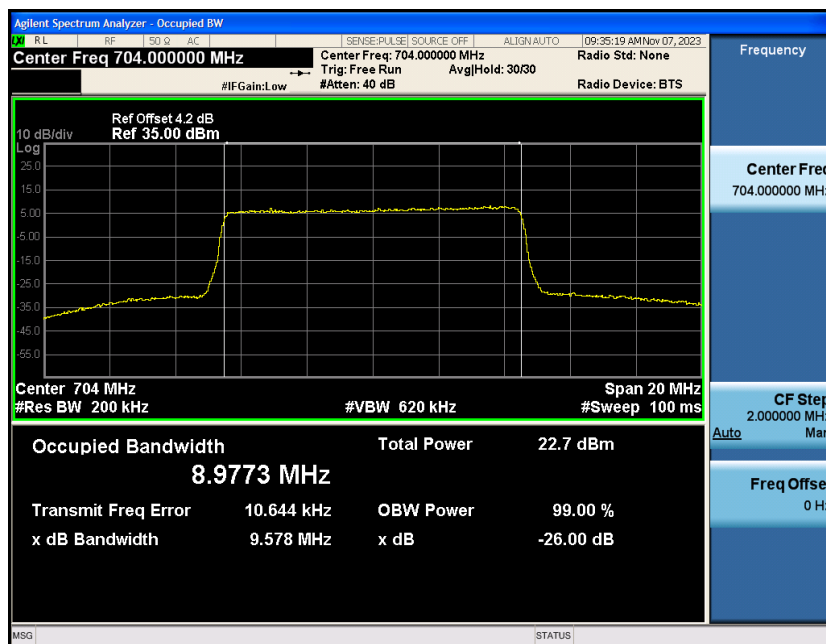
Band12-10MHz-QPSK-23095-50RB#0



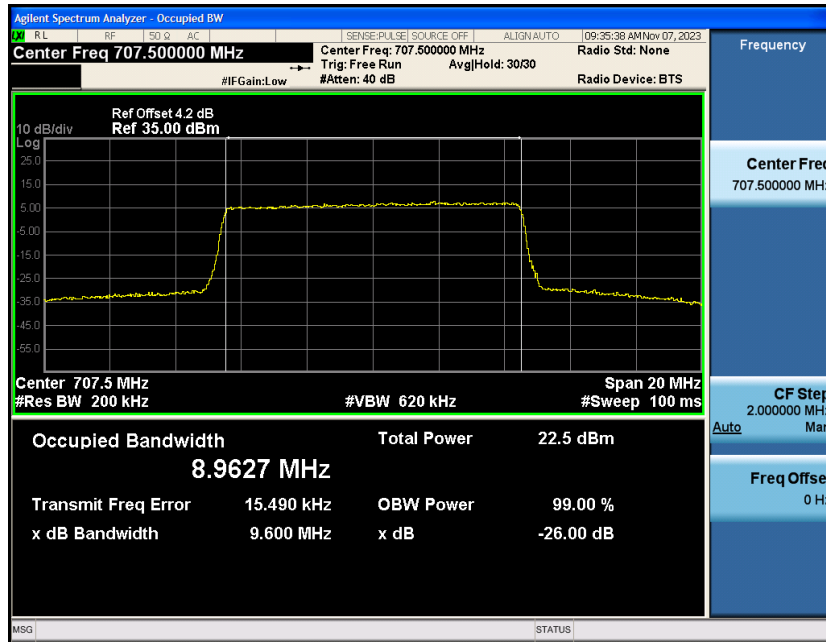
Band12-10MHz-QPSK-23130-50RB#0



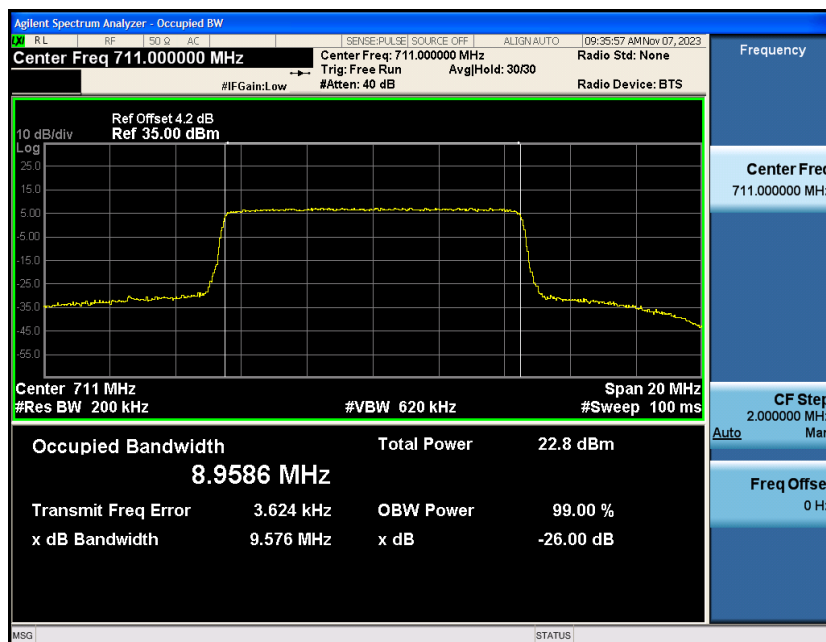
Band12-10MHz-16QAM-23060-50RB#0



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



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



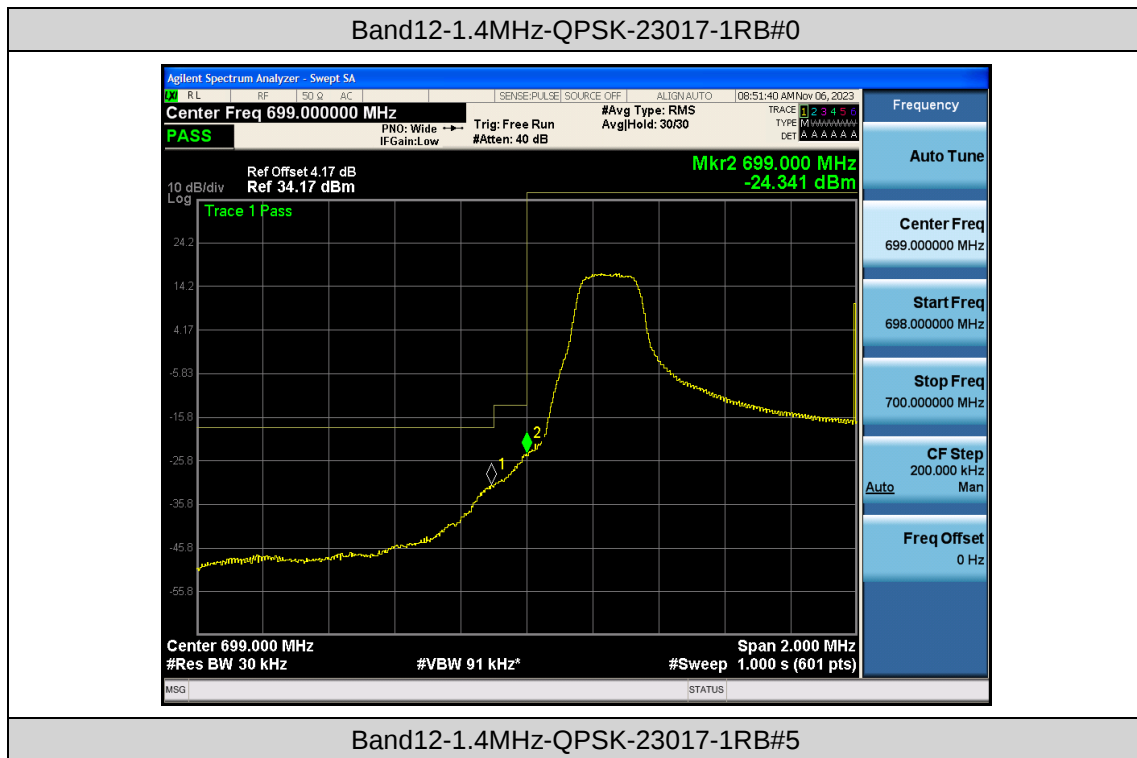
Appendix D: Band Edge

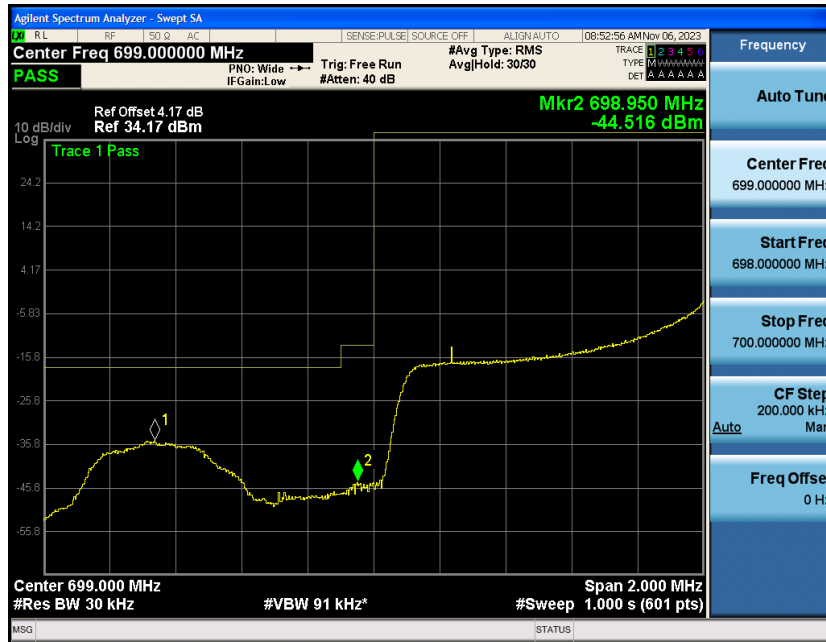
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-31.50,-24.34	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-35.13,-44.52	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-31.76,-30.41	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-47.10,-42.08	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-22.77,-31.60	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-32.12,-33.36	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-32.37,-25.29	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-37.18,-45.04	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-30.16,-29.44	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-47.67,-47.82	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-25.96,-34.88	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-29.20,-30.66	PASS
Band12	3MHz	QPSK	23025	1RB#0	-35.90,-20.79	PASS
Band12	3MHz	QPSK	23025	1RB#14	-49.60,-34.59	PASS
Band12	3MHz	QPSK	23025	15RB#0	-43.23,-31.73	PASS
Band12	3MHz	QPSK	23165	1RB#0	-35.53,-51.10	PASS
Band12	3MHz	QPSK	23165	1RB#14	-21.73,-36.63	PASS
Band12	3MHz	QPSK	23165	15RB#0	-32.72,-44.83	PASS
Band12	3MHz	16QAM	23025	1RB#0	-38.24,-22.54	PASS
Band12	3MHz	16QAM	23025	1RB#14	-49.84,-34.90	PASS
Band12	3MHz	16QAM	23025	15RB#0	-42.32,-32.14	PASS
Band12	3MHz	16QAM	23165	1RB#0	-36.75,-52.04	PASS
Band12	3MHz	16QAM	23165	1RB#14	-22.83,-39.54	PASS
Band12	3MHz	16QAM	23165	15RB#0	-31.65,-43.05	PASS
Band12	5MHz	QPSK	23035	1RB#0	-14.45	PASS
Band12	5MHz	QPSK	23035	1RB#24	-32.99	PASS
Band12	5MHz	QPSK	23035	25RB#0	-26.21	PASS
Band12	5MHz	QPSK	23155	1RB#0	-33.65	PASS
Band12	5MHz	QPSK	23155	1RB#24	-14.78	PASS
Band12	5MHz	QPSK	23155	25RB#0	-27.53	PASS
Band12	5MHz	16QAM	23035	1RB#0	-16.10	PASS
Band12	5MHz	16QAM	23035	1RB#24	-33.60	PASS
Band12	5MHz	16QAM	23035	25RB#0	-25.68	PASS
Band12	5MHz	16QAM	23155	1RB#0	-35.02	PASS
Band12	5MHz	16QAM	23155	1RB#24	-15.70	PASS
Band12	5MHz	16QAM	23155	25RB#0	-26.93	PASS

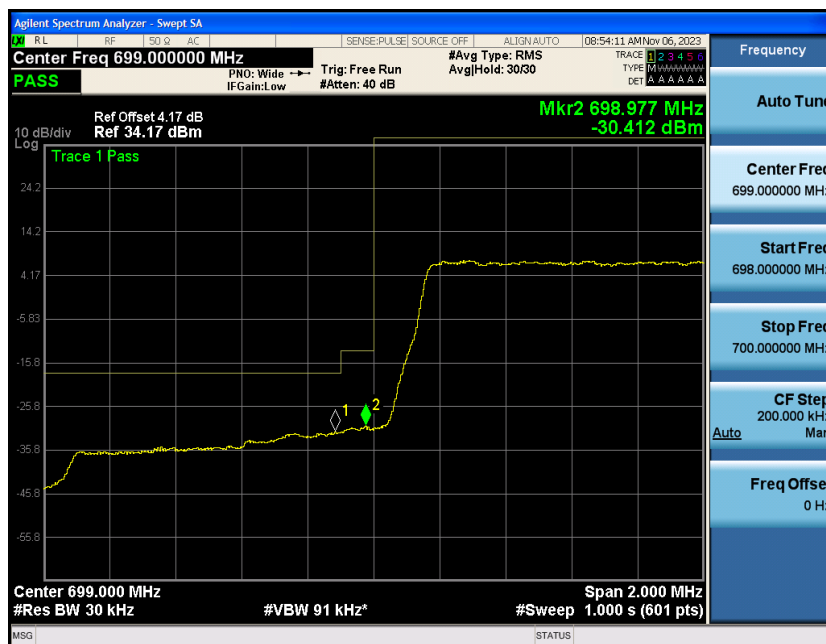
Band12	10MHz	QPSK	23060	1RB#0	-23.23,-17.12	PASS
Band12	10MHz	QPSK	23060	1RB#49	-40.76,-36.94	PASS
Band12	10MHz	QPSK	23060	50RB#0	-31.22,-29.20	PASS
Band12	10MHz	QPSK	23130	1RB#0	-36.84,-38.44	PASS
Band12	10MHz	QPSK	23130	1RB#49	-17.13,-23.25	PASS
Band12	10MHz	QPSK	23130	50RB#0	-29.30,-31.86	PASS
Band12	10MHz	16QAM	23060	1RB#0	-24.60,-18.36	PASS
Band12	10MHz	16QAM	23060	1RB#49	-41.56,-37.32	PASS
Band12	10MHz	16QAM	23060	50RB#0	-29.99,-28.10	PASS
Band12	10MHz	16QAM	23130	1RB#0	-37.46,-41.85	PASS
Band12	10MHz	16QAM	23130	1RB#49	-18.09,-24.07	PASS
Band12	10MHz	16QAM	23130	50RB#0	-28.23,-30.45	PASS

Test Graphs





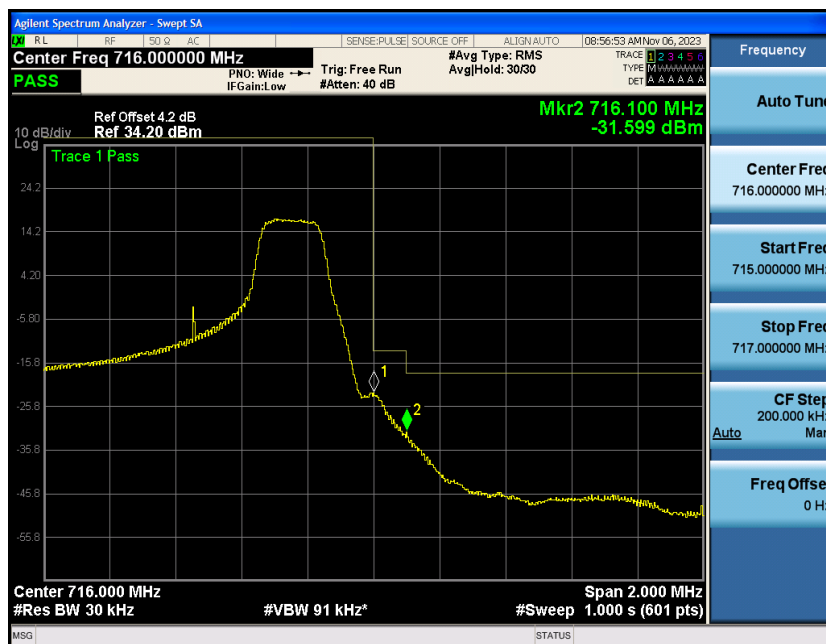
Band12-1.4MHz-QPSK-23017-6RB#0



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



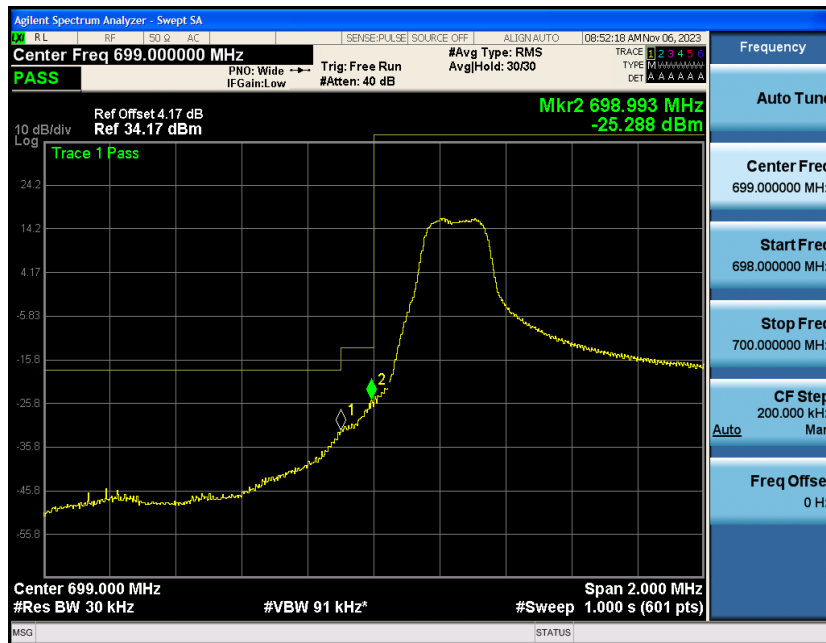
Band12-1.4MHz-QPSK-23173-1RB#5



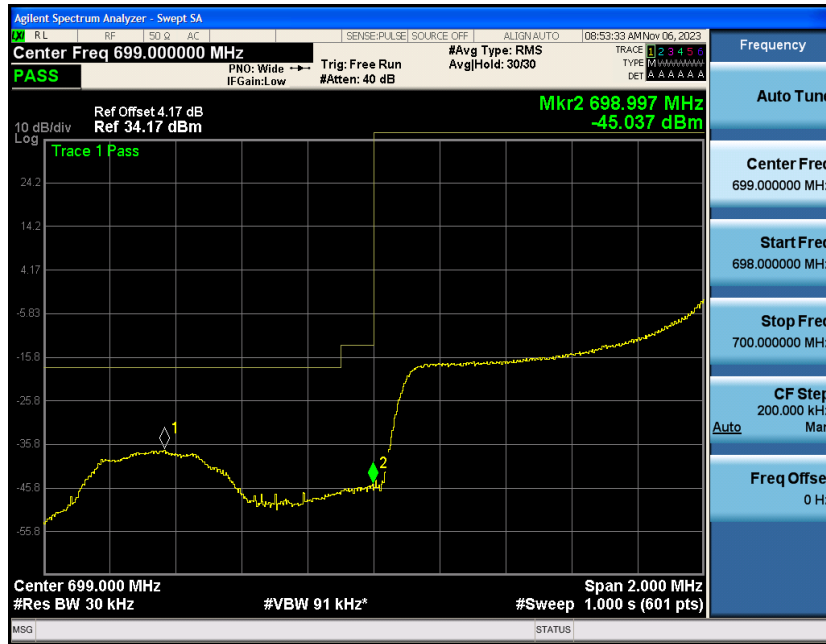
Band12-1.4MHz-QPSK-23173-6RB#0



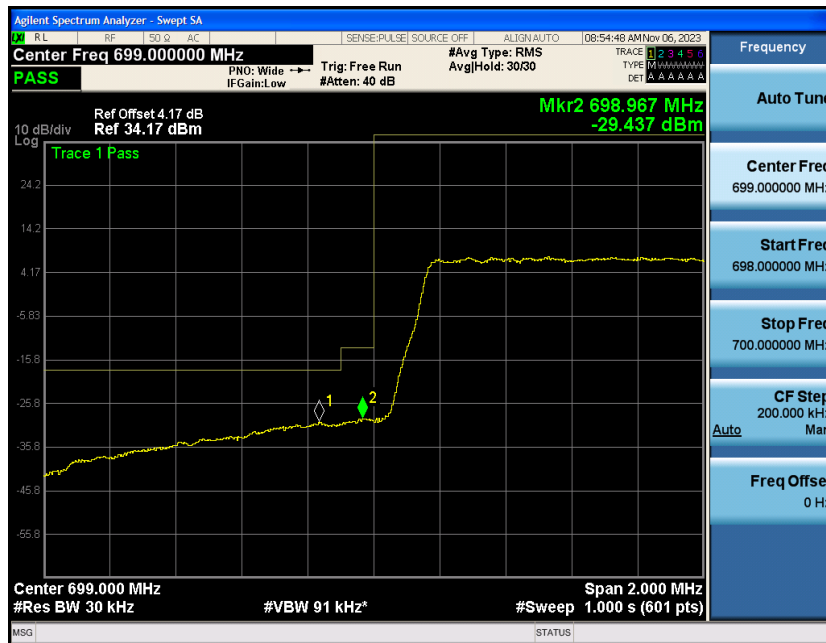
Band12-1.4MHz-16QAM-23017-1RB#0



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



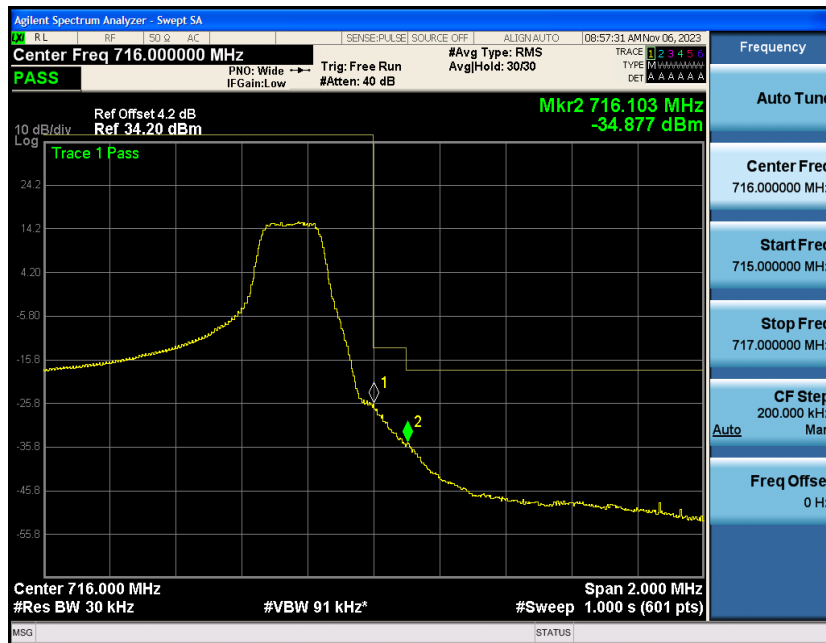
Band12-1.4MHz-16QAM-23017-6RB#0



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



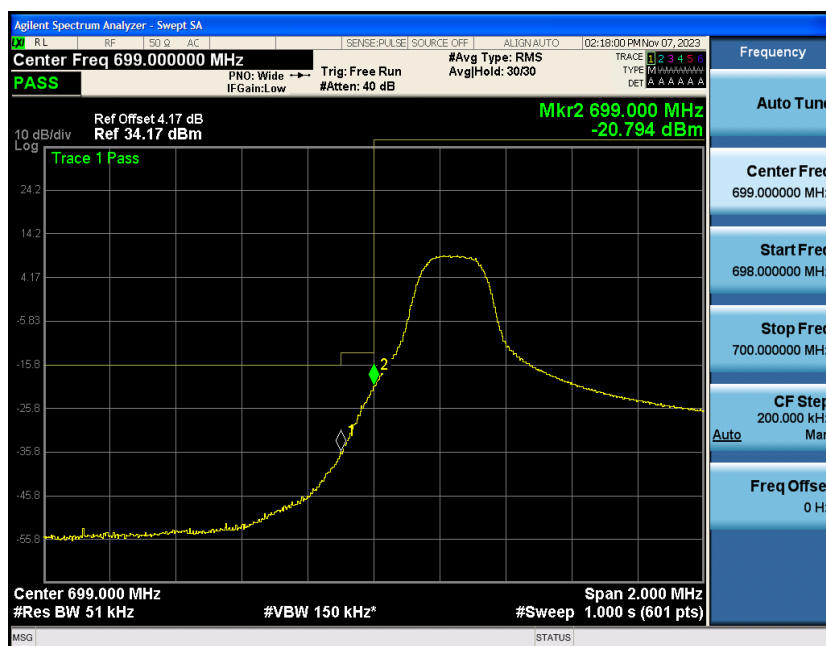
Band12-1.4MHz-16QAM-23173-1RB#5



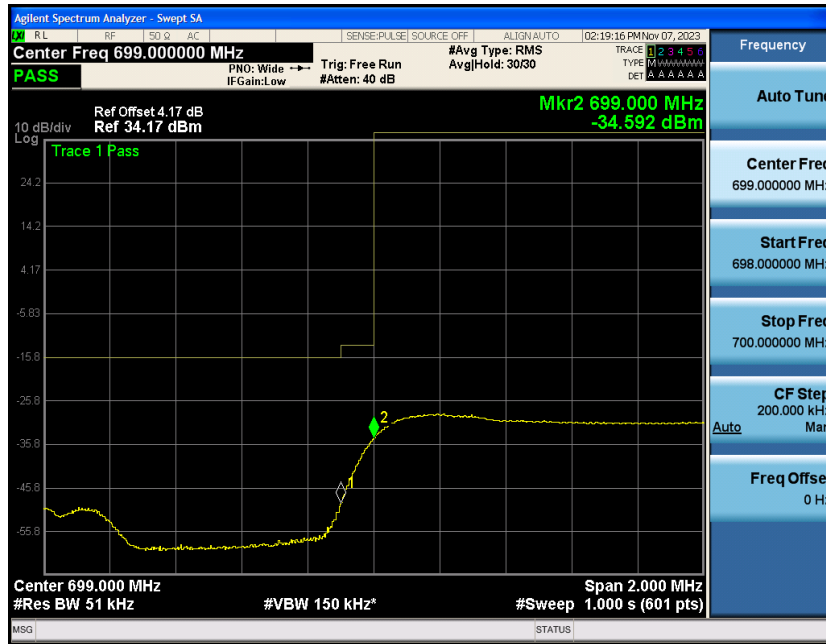
Band12-1.4MHz-16QAM-23173-6RB#0



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



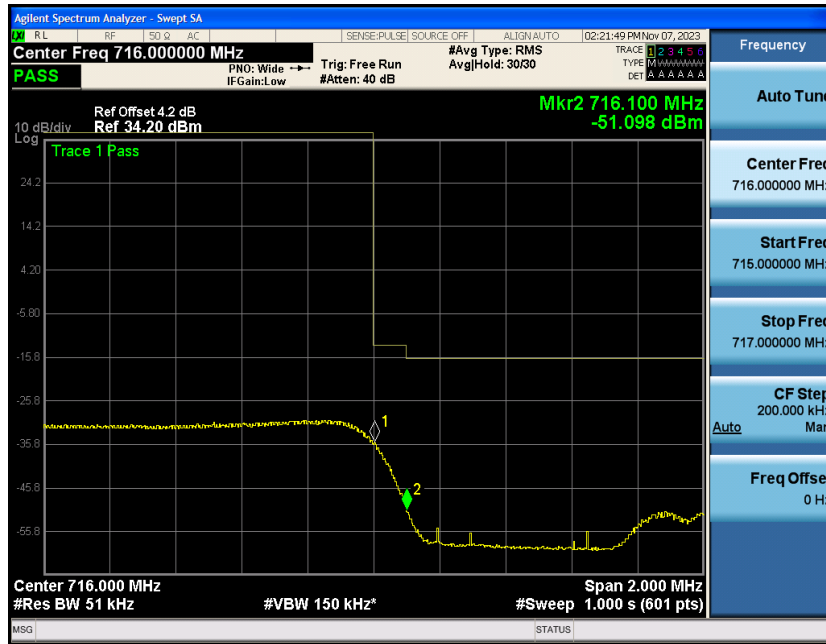
Band12-3MHz-QPSK-23025-1RB#14



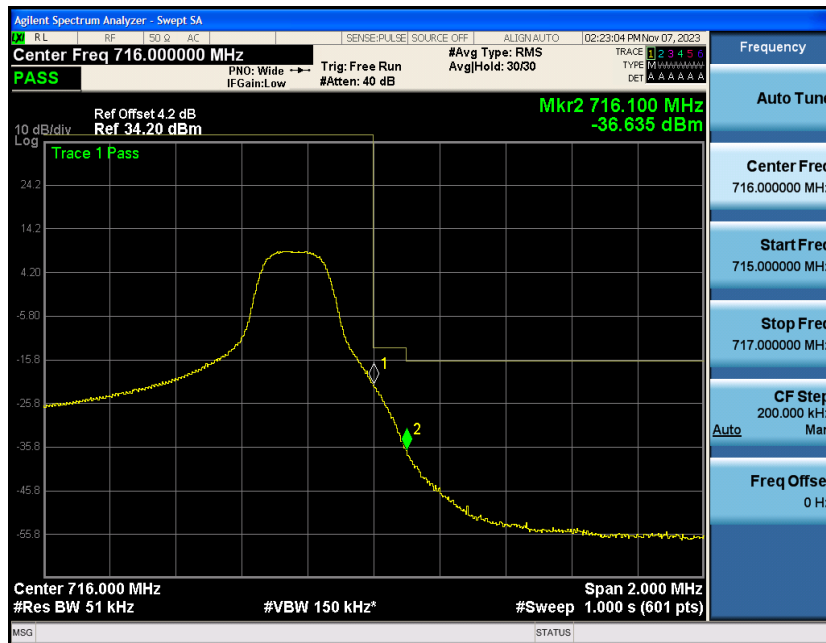
Band12-3MHz-QPSK-23025-15RB#0



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



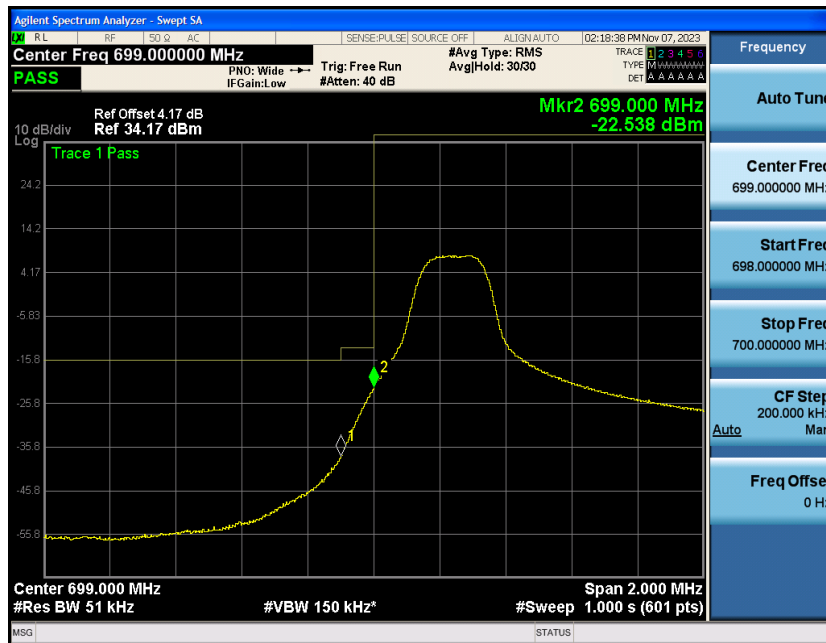
Band12-3MHz-QPSK-23165-1RB#14



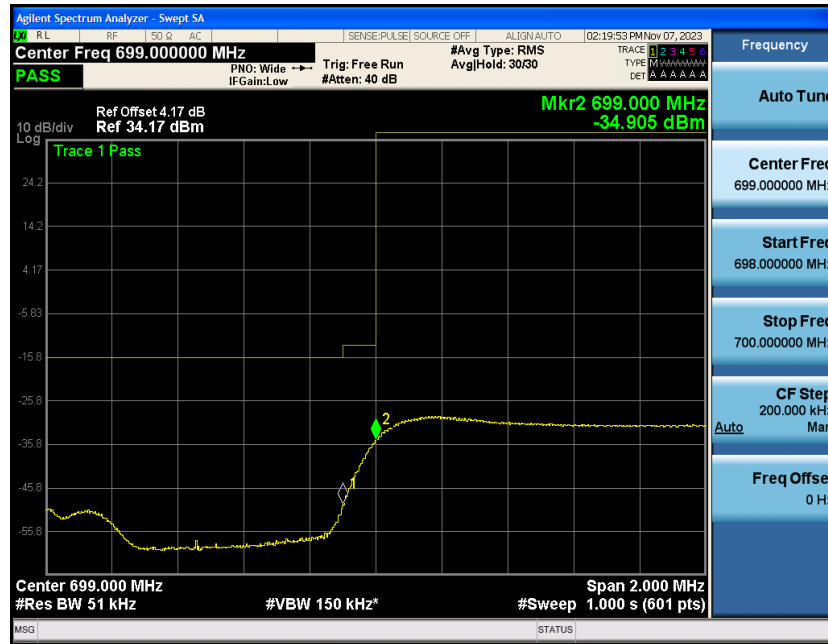
Band12-3MHz-QPSK-23165-15RB#0



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



Band12-3MHz-16QAM-23025-1RB#14



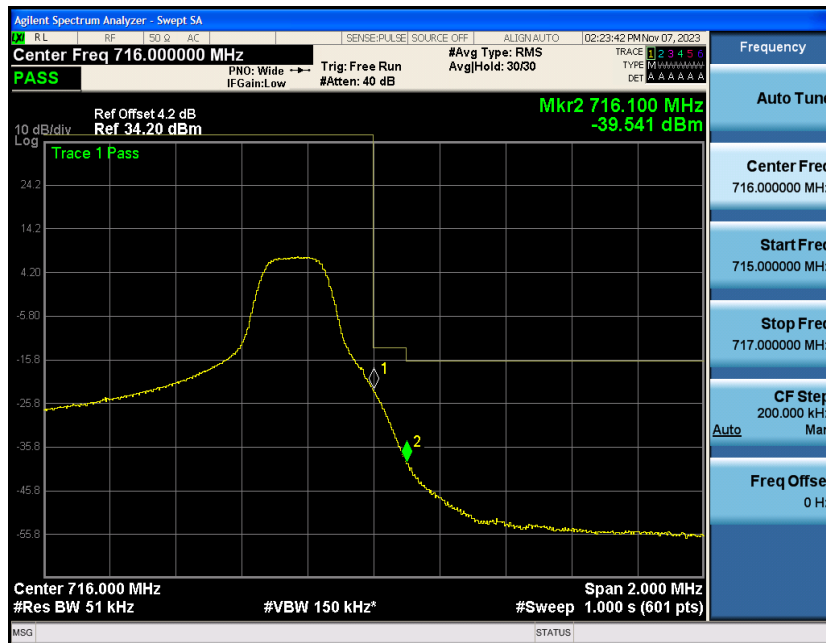
Band12-3MHz-16QAM-23025-15RB#0



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



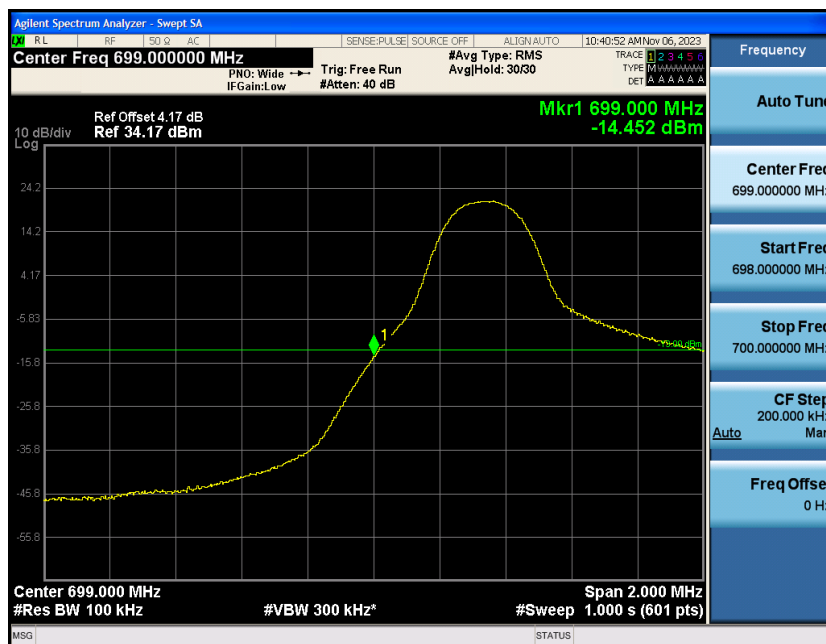
Band12-3MHz-16QAM-23165-1RB#14



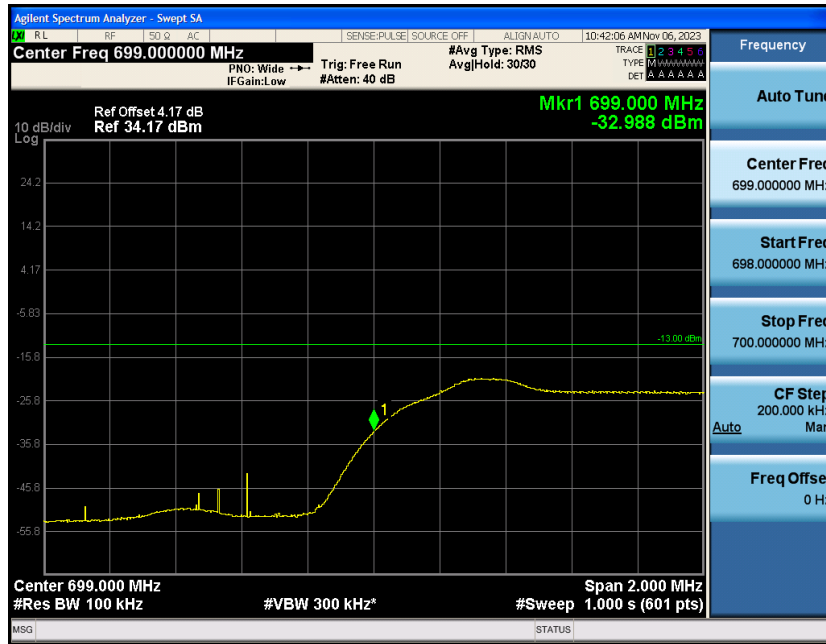
Band12-3MHz-16QAM-23165-15RB#0



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



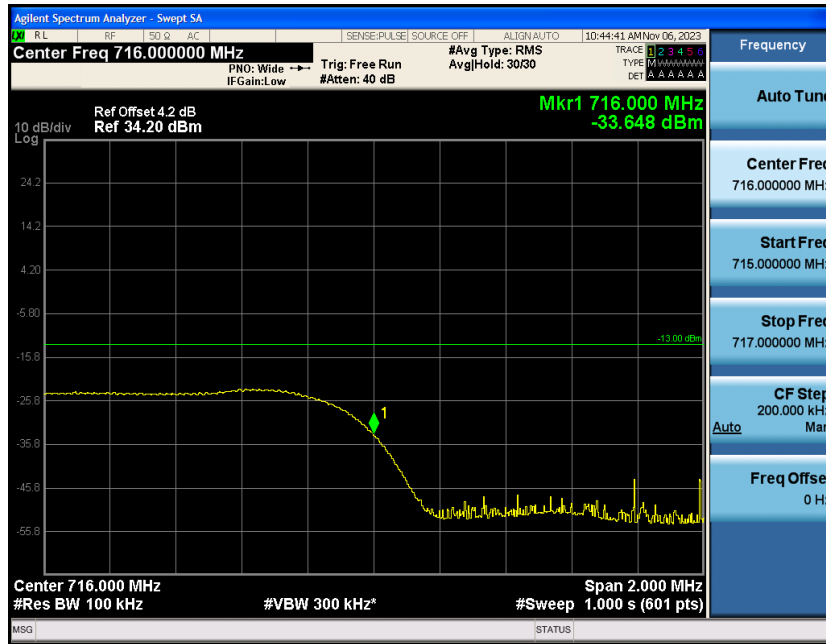
Band12-5MHz-QPSK-23035-1RB#24



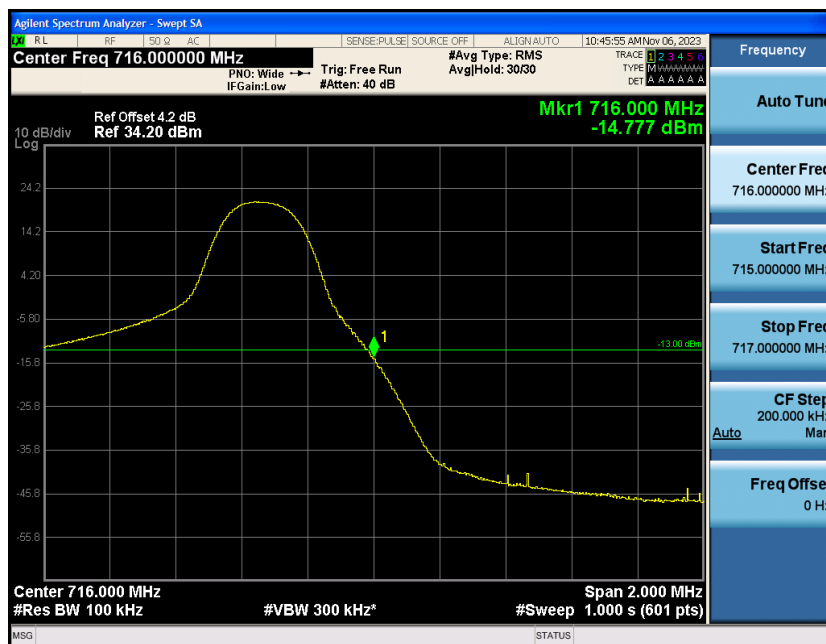
Band12-5MHz-QPSK-23035-25RB#0



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



Band12-5MHz-QPSK-23155-1RB#24



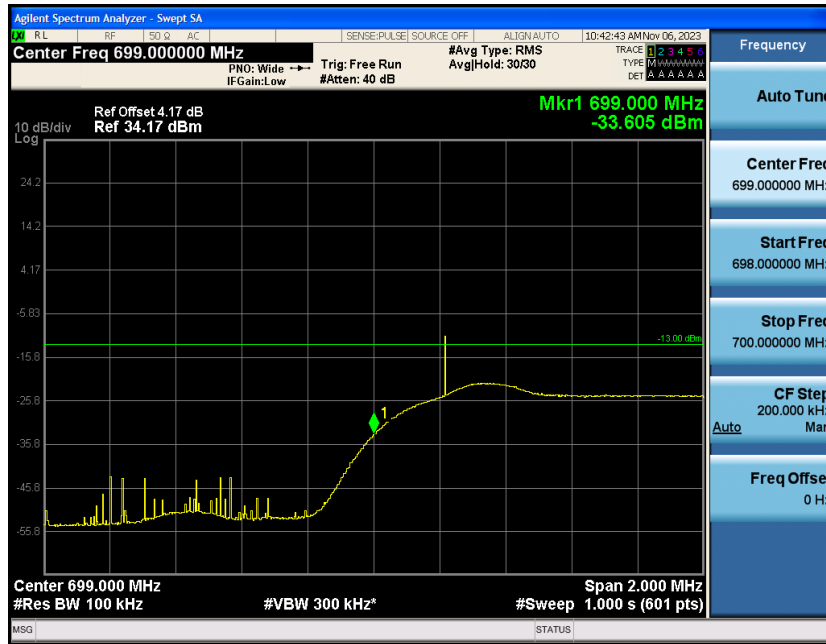
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Band12-5MHz-16QAM-23035-1RB#0



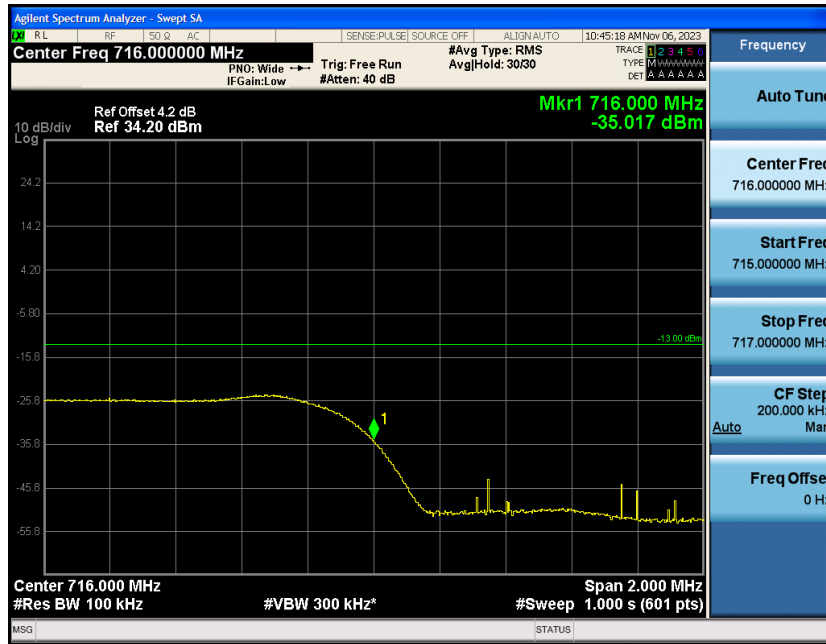
Band12-5MHz-16QAM-23035-1RB#24



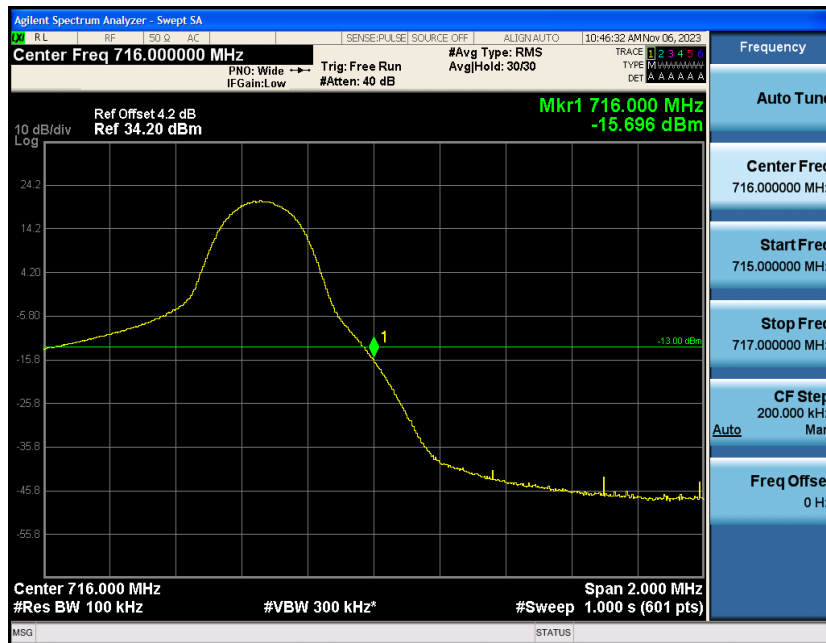
Band12-5MHz-16QAM-23035-25RB#0



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



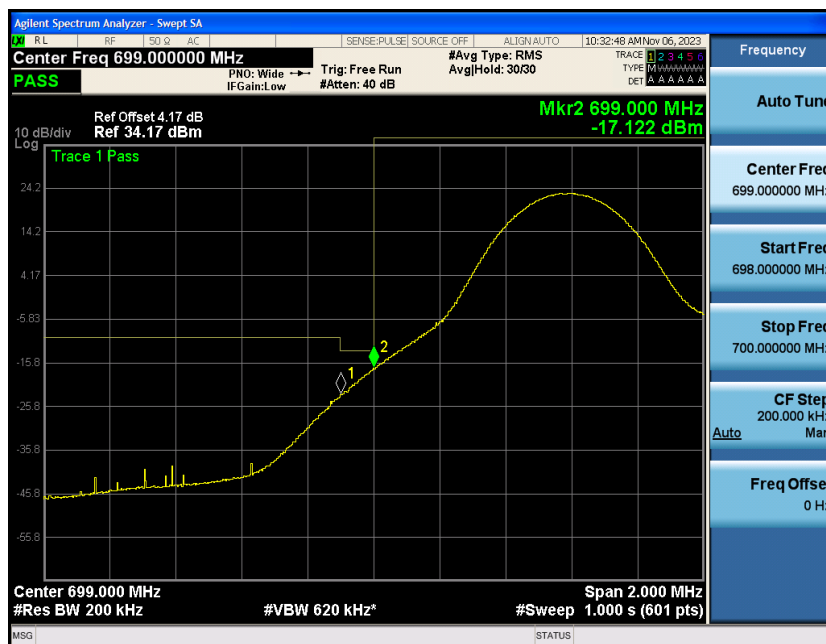
Band12-5MHz-16QAM-23155-1RB#24



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



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



Band12-10MHz-QPSK-23060-1RB#49



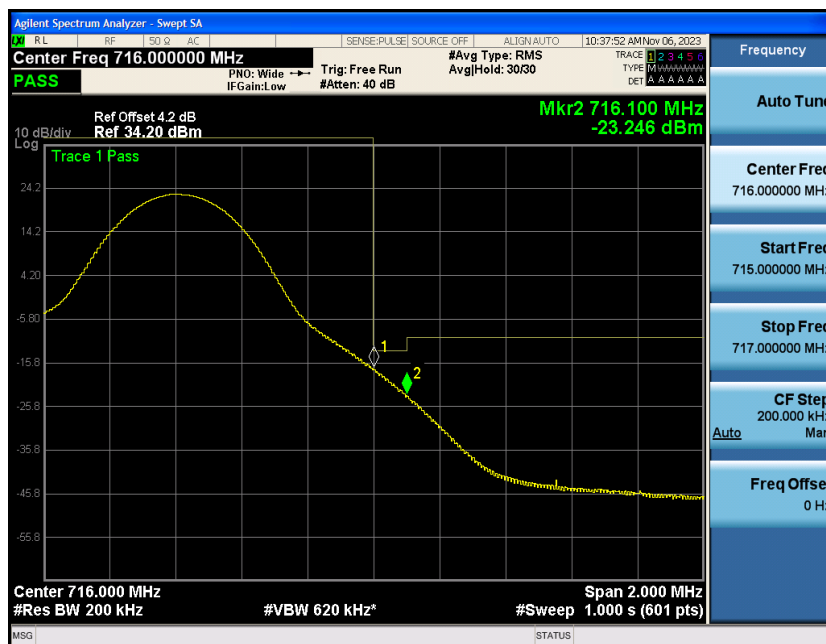
Band12-10MHz-QPSK-23060-50RB#0



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



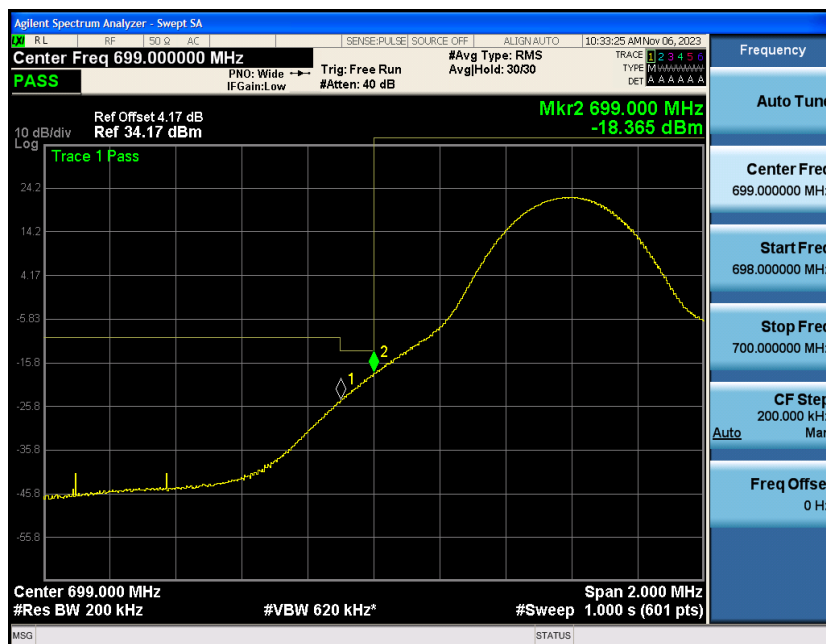
Band12-10MHz-QPSK-23130-1RB#49



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



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



Band12-10MHz-16QAM-23060-1RB#49



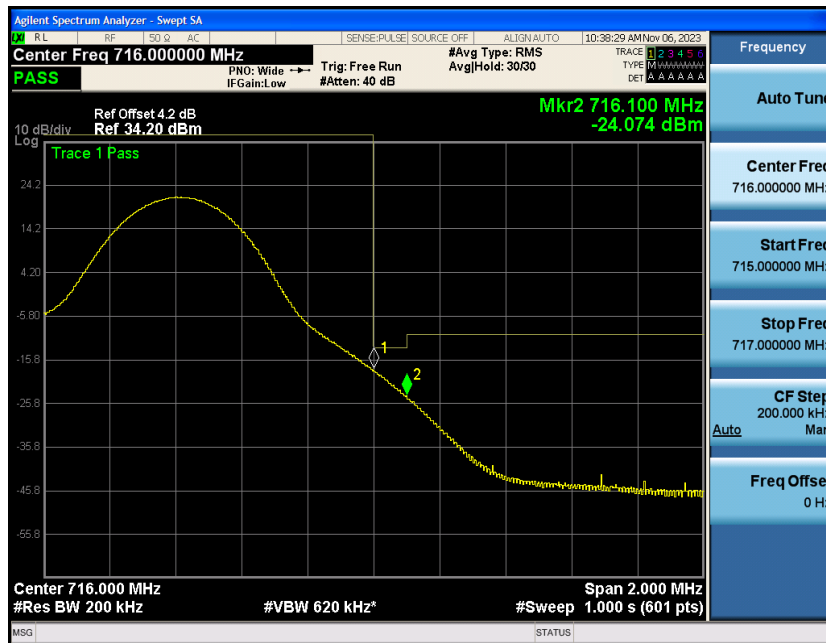
Band12-10MHz-16QAM-23060-50RB#0



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



Band12-10MHz-16QAM-23130-1RB#49



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



Appendix E: Conducted Spurious Emission

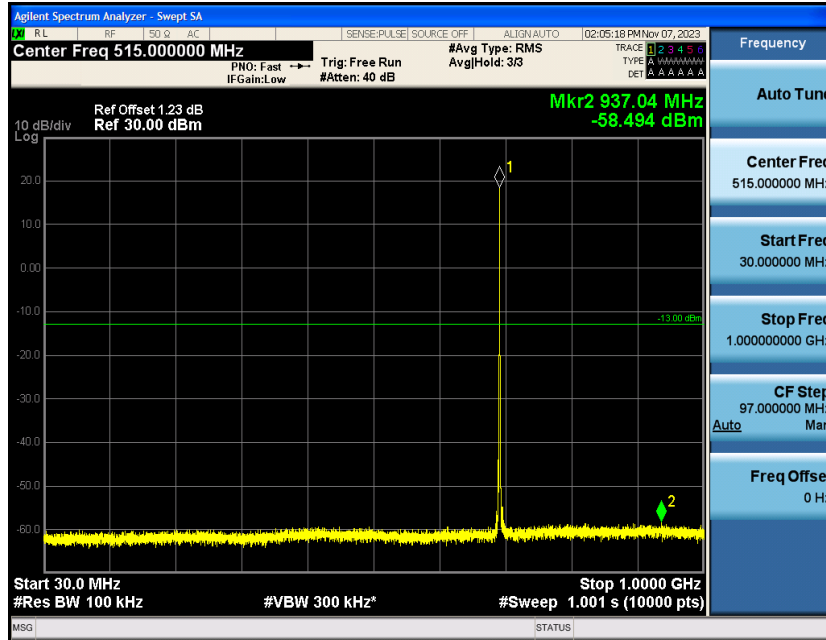
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-58.49	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-43.69	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-58.9	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-40.86	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-58.63	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-44.73	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-58.25	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-45.27	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-58.54	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-42.04	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-58.6	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-46.2	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-58.39	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-44.28	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-58.48	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-41.1	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~1000MHz	-58.61	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~10000MHz	-44.14	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:30~1000MHz	-58.51	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:1000~10000MHz	-48.02	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-58.46	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-42.8	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:30~1000MHz	-58.4	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:1000~10000MHz	-46.01	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-58.49	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-43.8	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-58.45	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-43.19	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-58.37	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-40.86	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-58.24	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-46.14	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-58.82	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-45.09	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-58.6	PASS

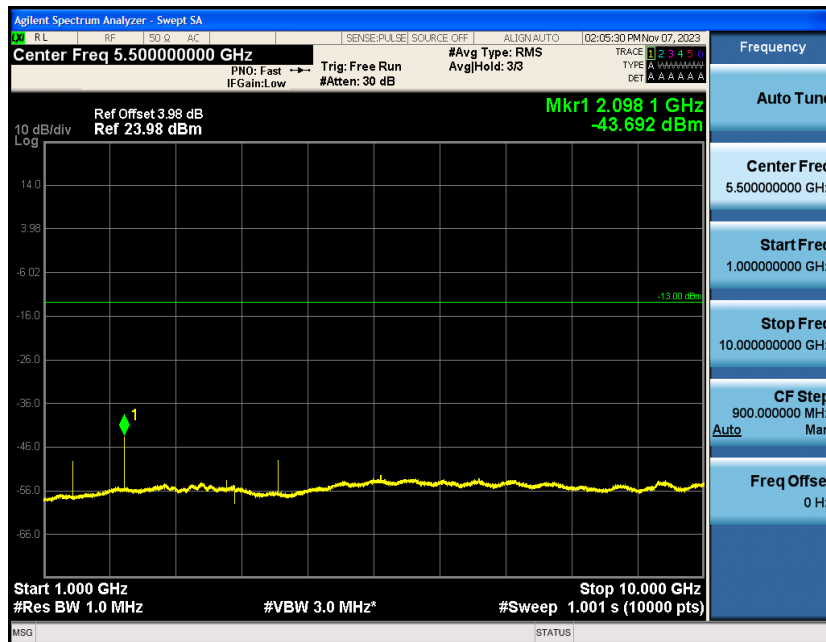
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-42.15	PASS
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Test Graphs

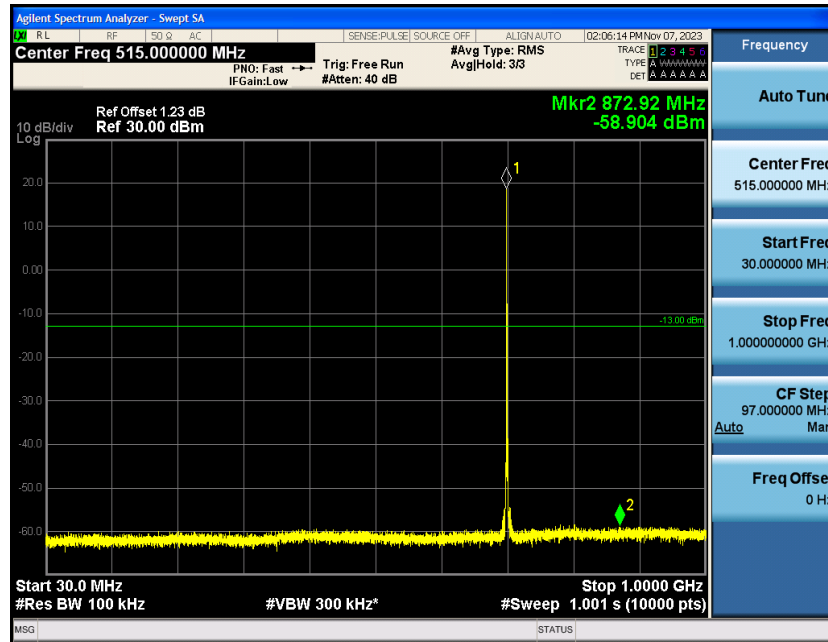
Band12-1.4MHz-QPSK-23017-1RB#0-Range1:30~1000MHz



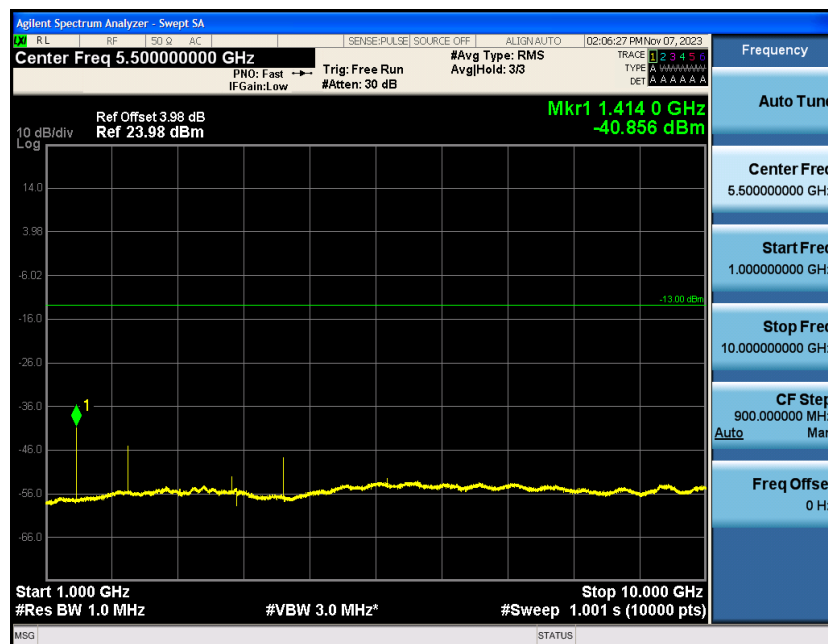
Band12-1.4MHz-QPSK-23017-1RB#0-Range2:1000~10000MHz



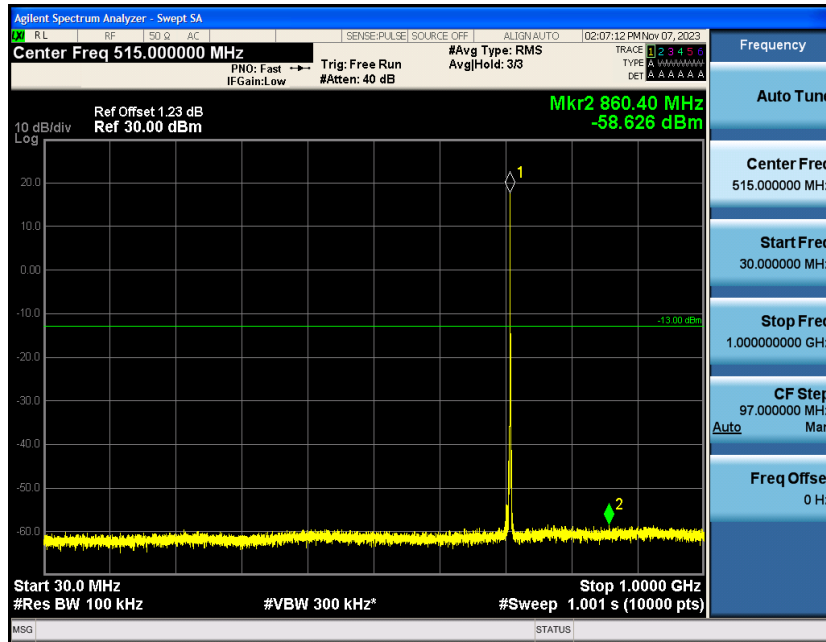
Band12-1.4MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



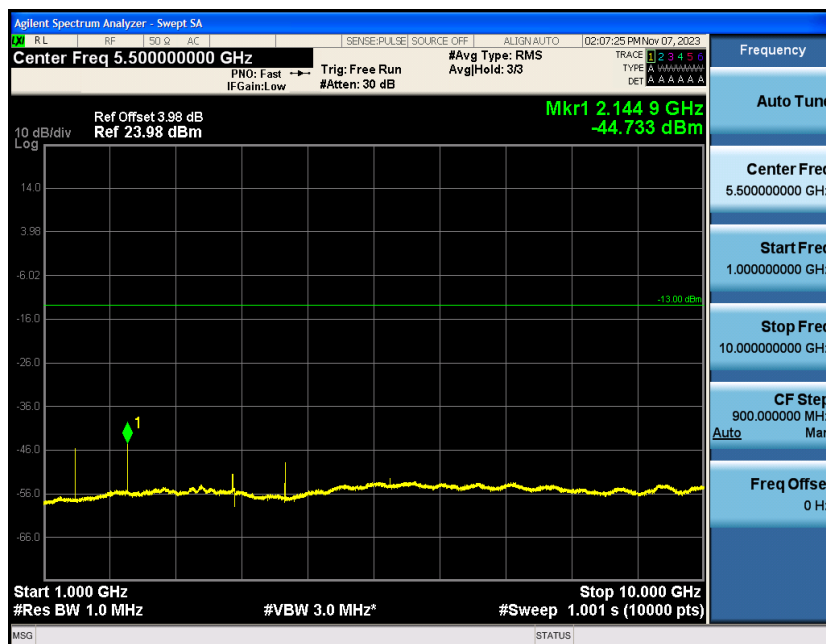
Band12-1.4MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



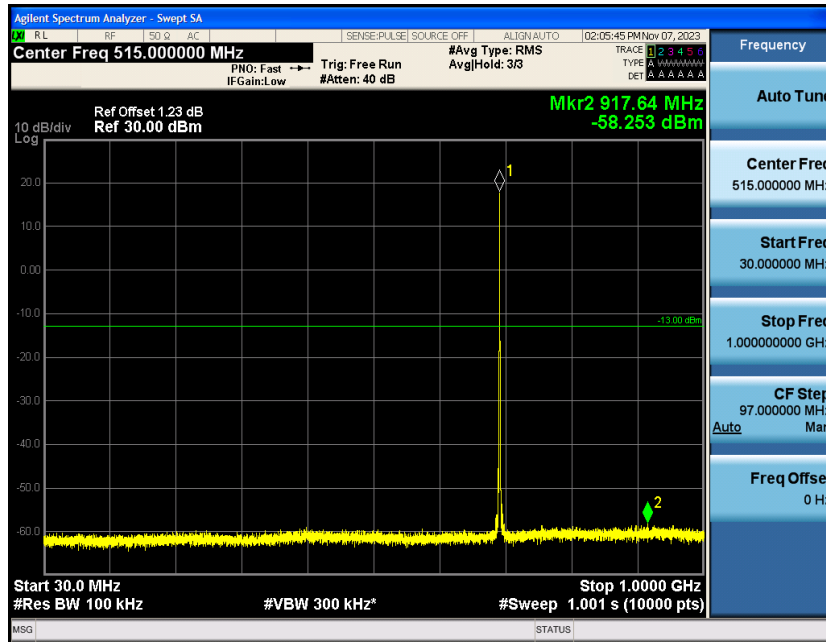
Band12-1.4MHz-QPSK-23173-1RB#0-Range1:30~1000MHz



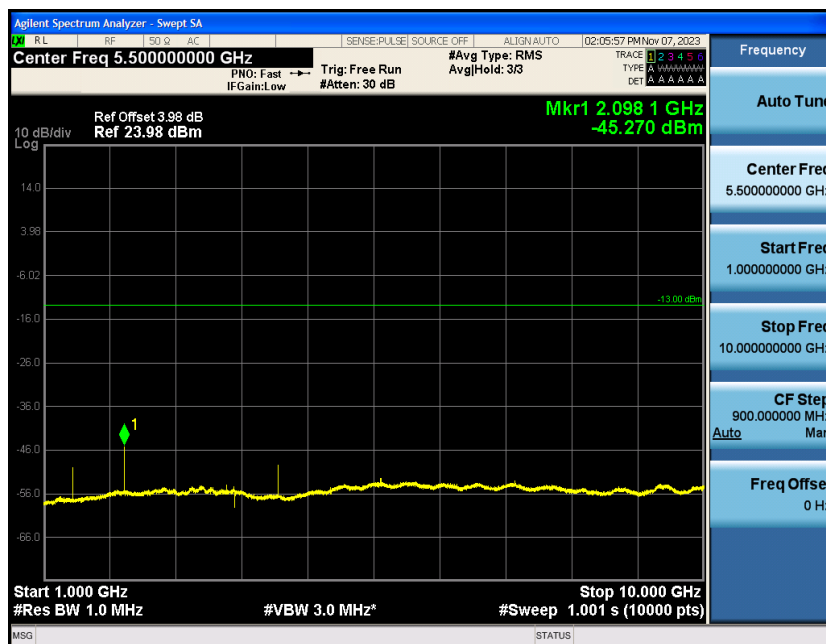
Band12-1.4MHz-QPSK-23173-1RB#0-Range2:1000~10000MHz



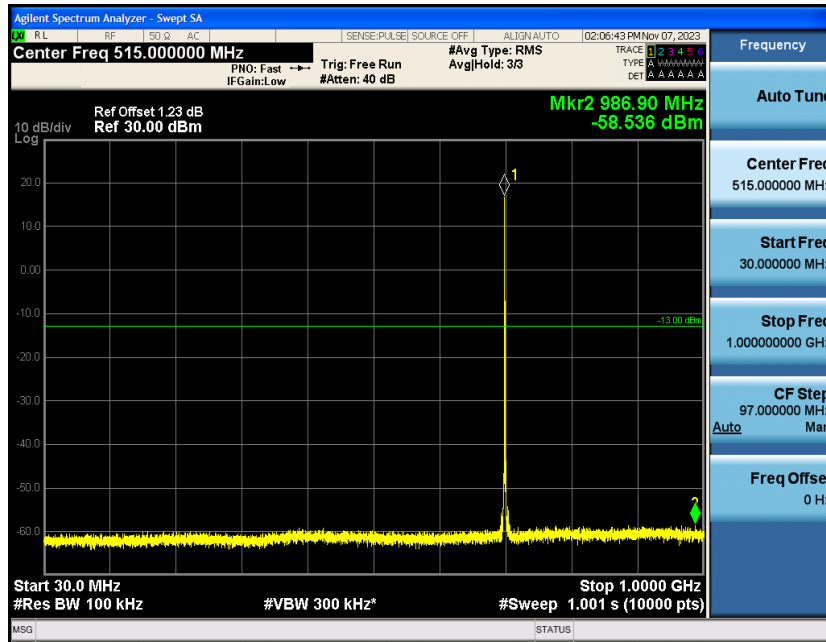
Band12-1.4MHz-16QAM-23017-1RB#0-Range1:30~1000MHz



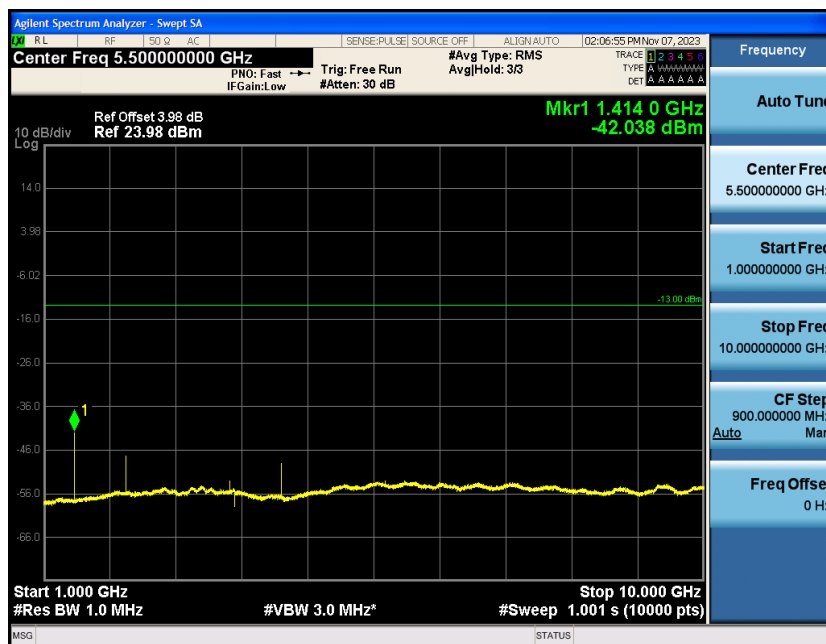
Band12-1.4MHz-16QAM-23017-1RB#0-Range2:1000~10000MHz



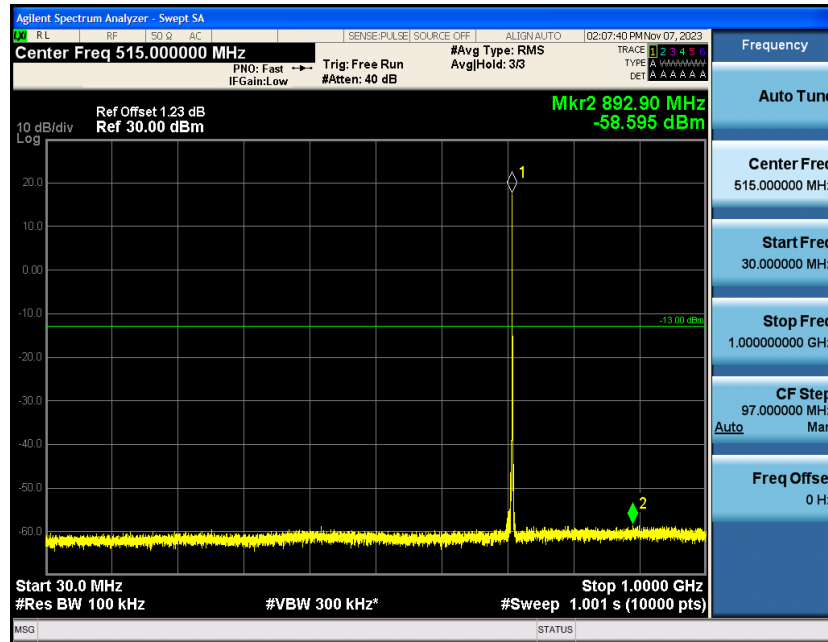
Band12-1.4MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



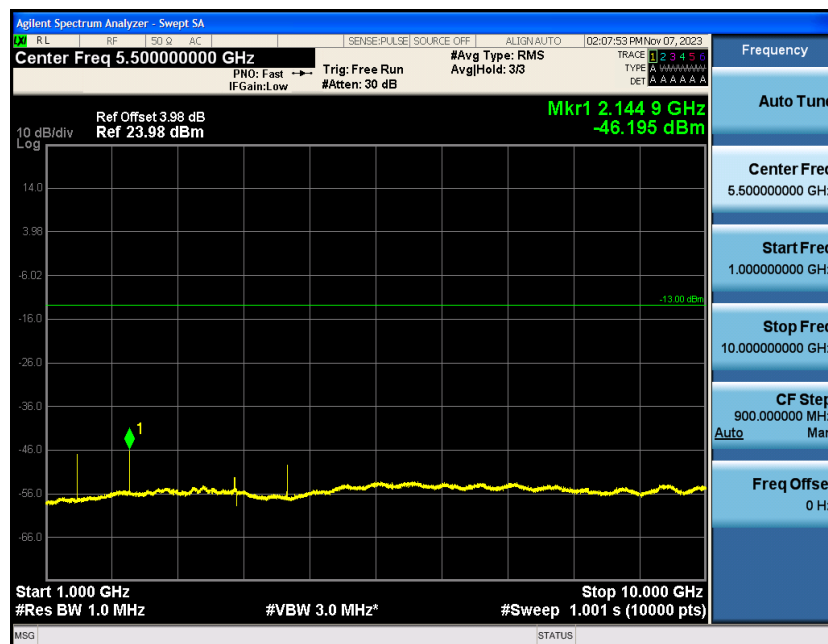
Band12-1.4MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



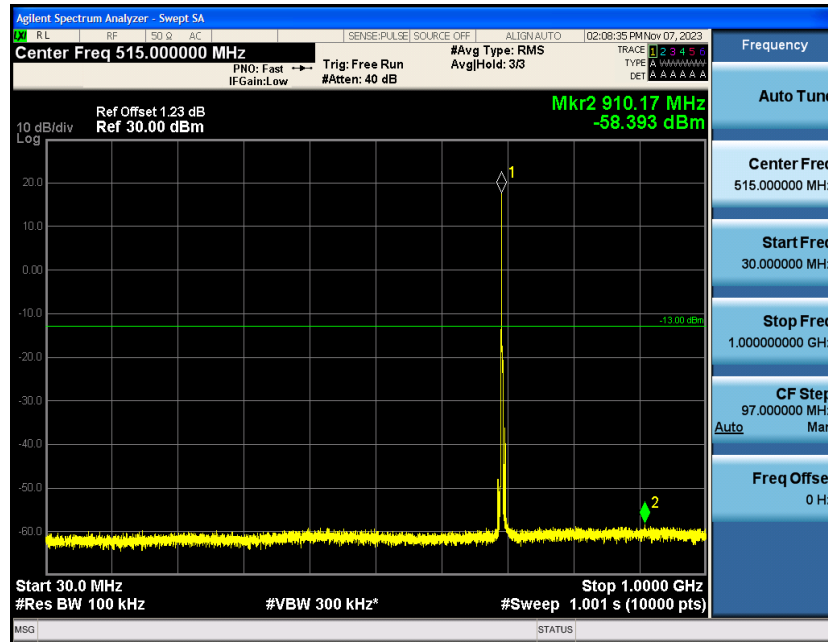
Band12-1.4MHz-16QAM-23173-1RB#0-Range1:30~1000MHz



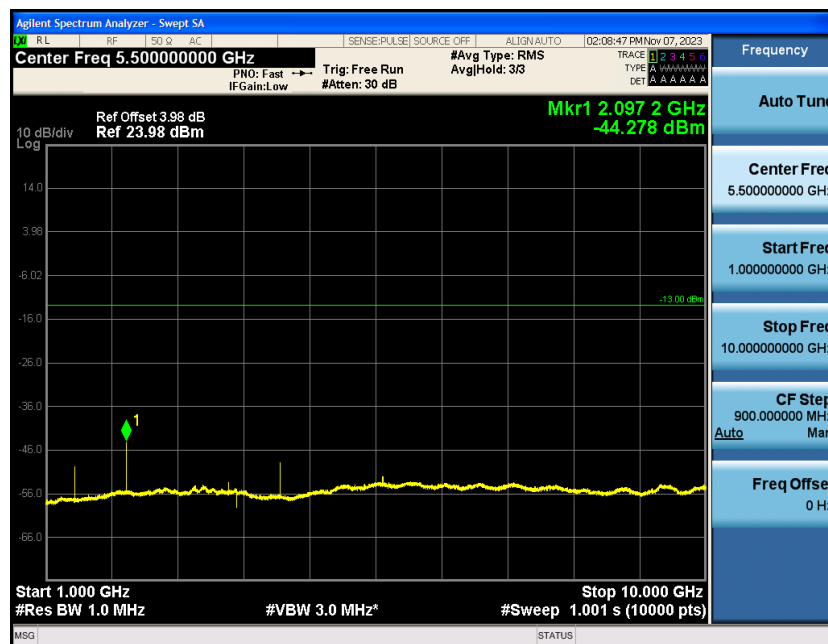
Band12-1.4MHz-16QAM-23173-1RB#0-Range2:1000~10000MHz



Band12-3MHz-QPSK-23025-1RB#0-Range1:30~1000MHz



Band12-3MHz-QPSK-23025-1RB#0-Range2:1000~10000MHz



Band12-3MHz-QPSK-23095-1RB#0-Range1:30~1000MHz