

Appendix_H

RF Test Data for LTE_Band12 Conducted Measurement

FCC ID: 2A7DX-A200PRO

Product Name: Smart phone

Test Model: A200 Pro

Environmental Conditions

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

Contents

	Page
COVER PAGE	
COVER PAGE	2
Appendix A: Effective (Isotropic) Radiated Power Output Data	3
Test Result	3
Appendix B: Peak-to-Average Ratio(CCDF)	8
Test Result	8
Test Graphs	10
Appendix C: 26dB Bandwidth and Occupied Bandwidth	34
Test Result	34
Test Graphs	35
Appendix D: Band Edge	47
Test Result	47
Test Graphs	48
Appendix E: Conducted Spurious Emission	73
Test Result	73
Test Graphs	75
Appendix F: Frequency Stability	100
Test Result	100
Appendix G: Modulation Characteristics	105
Test Result	105
Test Graphs	106

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	23.28	19.55	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.26	19.53	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.21	19.48	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.43	19.7	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.44	19.71	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.38	19.65	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.34	17.61	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.39	19.66	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.36	19.63	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.34	19.61	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.47	19.74	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.46	19.73	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.55	19.82	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.37	17.64	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.43	19.7	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.44	19.71	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.40	19.67	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.31	19.58	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.33	19.6	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.33	19.6	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.48	17.75	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.55	18.82	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.65	18.92	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	23.01	19.28	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.04	18.31	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.00	18.27	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	22.08	18.35	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.43	17.7	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.00	18.27	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.10	18.37	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.10	18.37	PASS

Band12	1.4MHz	16QAM	23095	3RB#0	22.26	18.53	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.24	18.51	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	22.22	18.49	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.41	17.68	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.35	18.62	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.46	18.73	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.79	19.06	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.22	18.49	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.22	18.49	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	22.21	18.48	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.49	17.76	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.27	19.54	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.31	19.58	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.30	19.57	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.45	17.72	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.47	17.74	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.34	17.61	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.40	17.67	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.28	19.55	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.35	19.62	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.46	19.73	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.32	17.59	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.32	17.59	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.02	17.29	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.43	17.7	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.46	19.73	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.44	19.71	PASS
Band12	3MHz	QPSK	23165	1RB#14	23.46	19.73	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.24	17.51	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.57	17.84	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.49	17.76	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.59	17.86	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.81	18.08	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.11	18.38	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.87	18.14	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.38	17.65	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.38	17.65	PASS

Band12	3MHz	16QAM	23025	8RB#7	21.52	17.79	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.27	17.54	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.97	18.24	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.89	18.16	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.87	18.14	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.37	17.64	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.34	17.61	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.24	17.51	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.14	17.41	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.45	18.72	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.44	18.71	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.51	18.78	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.44	17.71	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.33	17.6	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.49	17.76	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.40	17.67	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.27	19.54	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.34	19.61	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.28	19.55	PASS
Band12	5MHz	QPSK	23035	12RB#0	21.42	17.69	PASS
Band12	5MHz	QPSK	23035	12RB#6	21.44	17.71	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.37	17.64	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.40	17.67	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.23	19.5	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.46	19.73	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.44	19.71	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.41	17.68	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.41	17.68	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.39	17.66	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.31	17.58	PASS
Band12	5MHz	QPSK	23155	1RB#0	23.47	19.74	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.38	19.65	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.40	19.67	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.39	17.66	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.49	17.76	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.49	17.76	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.29	17.56	PASS

Band12	5MHz	16QAM	23035	1RB#0	21.67	17.94	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.55	17.82	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.51	17.78	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.23	17.5	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.27	17.54	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.34	17.61	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.42	17.69	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.17	18.44	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.20	18.47	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.23	18.5	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.27	17.54	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.34	17.61	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.25	17.52	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.30	17.57	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.05	18.32	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.39	18.66	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.39	18.66	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.46	17.73	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.48	17.75	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.37	17.64	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.34	17.61	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.26	19.53	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.27	19.54	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.31	19.58	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.42	17.69	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.42	17.69	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.39	17.66	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.16	17.43	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.06	19.33	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.30	19.57	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.37	19.64	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.36	17.63	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.40	17.67	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.38	17.65	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.36	17.63	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.33	19.6	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.34	19.61	PASS

Band12	10MHz	QPSK	23130	1RB#49	23.48	19.75	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.25	17.52	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.18	17.45	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.56	17.83	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.23	17.5	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.27	18.54	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.03	18.3	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.39	18.66	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.27	17.54	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.27	17.54	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.28	17.55	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.18	17.45	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.07	18.34	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.17	18.44	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.09	18.36	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.43	17.7	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.29	17.56	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.48	17.75	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.24	17.51	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.72	18.99	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.90	19.17	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.88	19.15	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.22	17.49	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.23	17.5	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.45	17.72	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.34	17.61	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	5.13	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.71	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.58	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.56	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.56	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.58	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.98	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.49	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.22	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.91	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.57	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.04	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	5.08	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.73	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.71	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.64	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.54	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.57	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	6.12	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.44	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.92	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.17	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.52	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.14	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	5.09	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.83	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	5.18	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.59	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.60	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.48	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.78	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.48	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.89	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.04	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.47	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.01	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	5.13	13	PASS

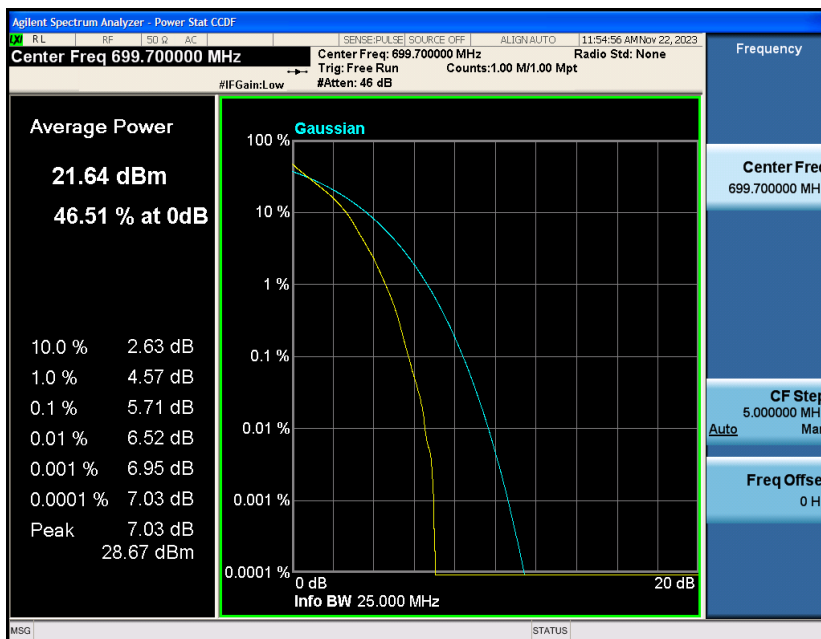
Band12	10MHz	QPSK	23060	50RB#0	5.81	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.95	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.61	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.56	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.52	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.69	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.37	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	6.19	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.08	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.48	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.04	13	PASS

Test Graphs

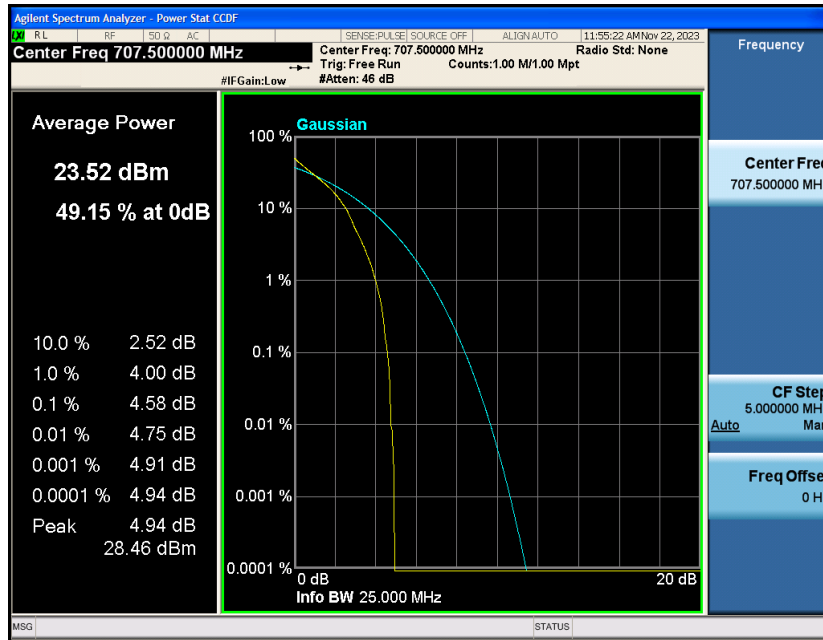
Band12-1.4MHz-QPSK-23017-1RB#0



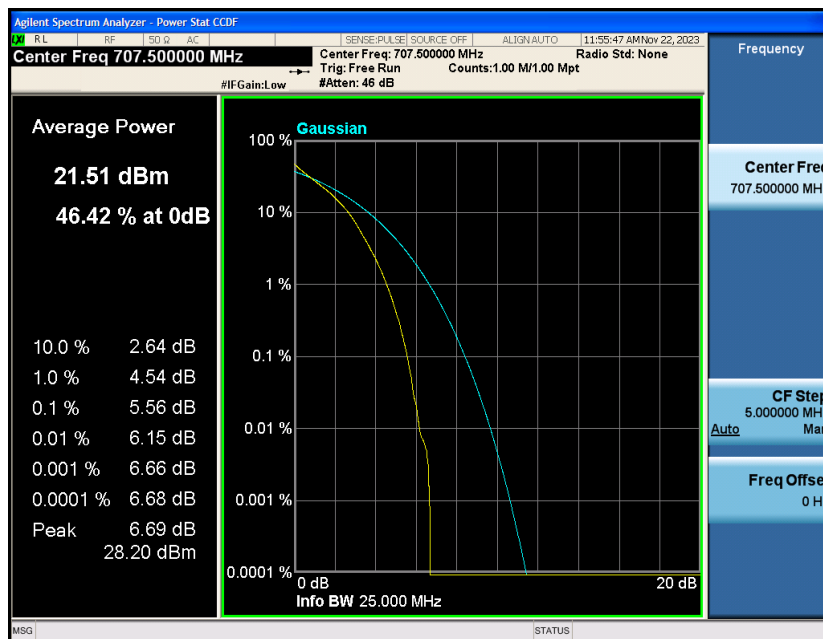
Band12-1.4MHz-QPSK-23017-6RB#0



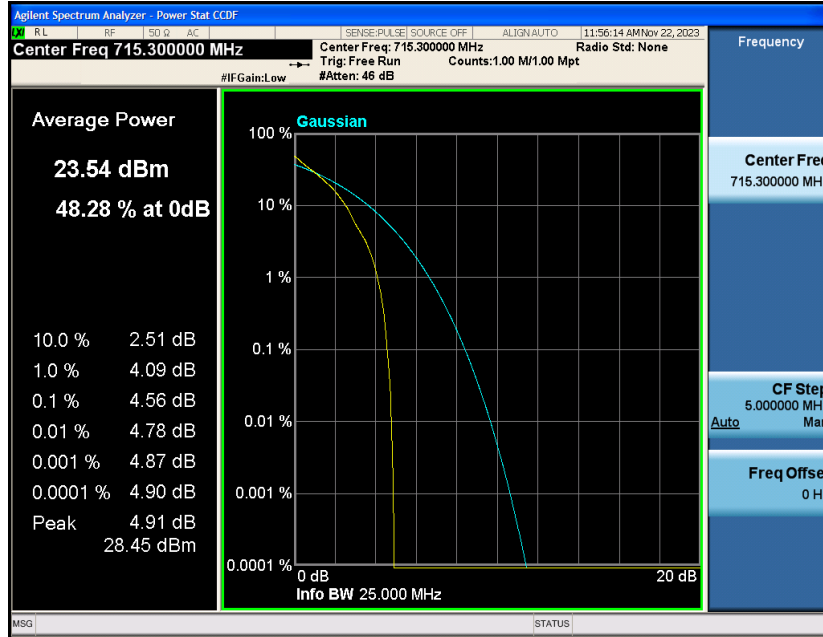
Band12-1.4MHz-QPSK-23095-1RB#0



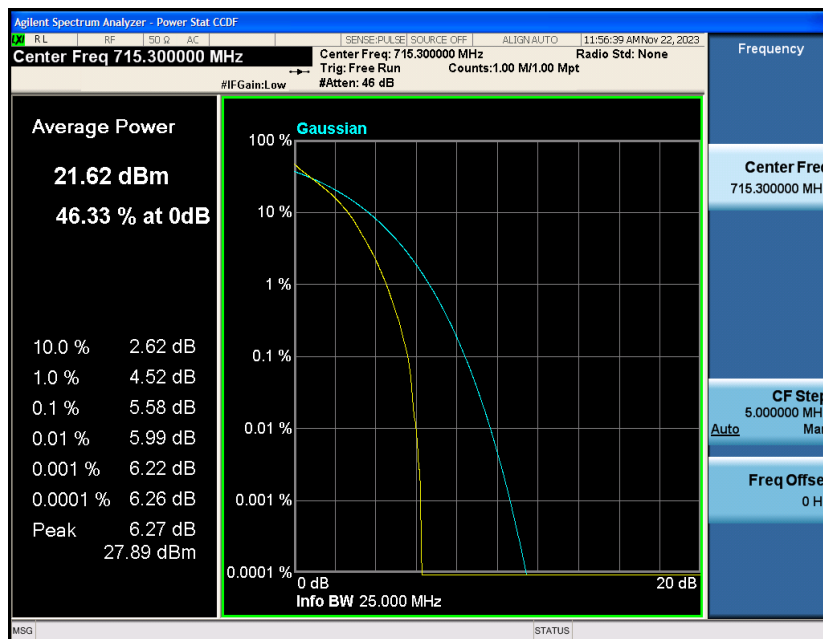
Band12-1.4MHz-QPSK-23095-6RB#0



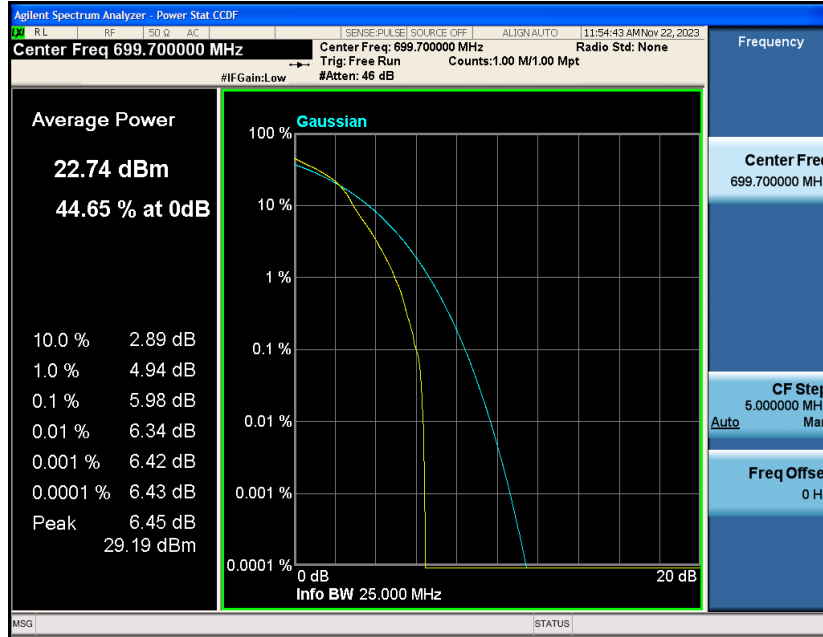
Band12-1.4MHz-QPSK-23173-1RB#0



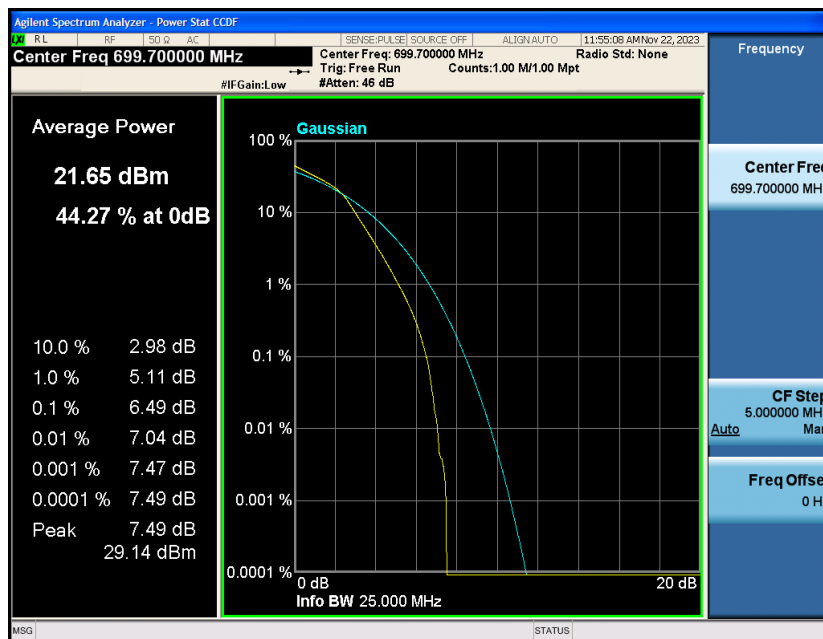
Band12-1.4MHz-QPSK-23173-6RB#0



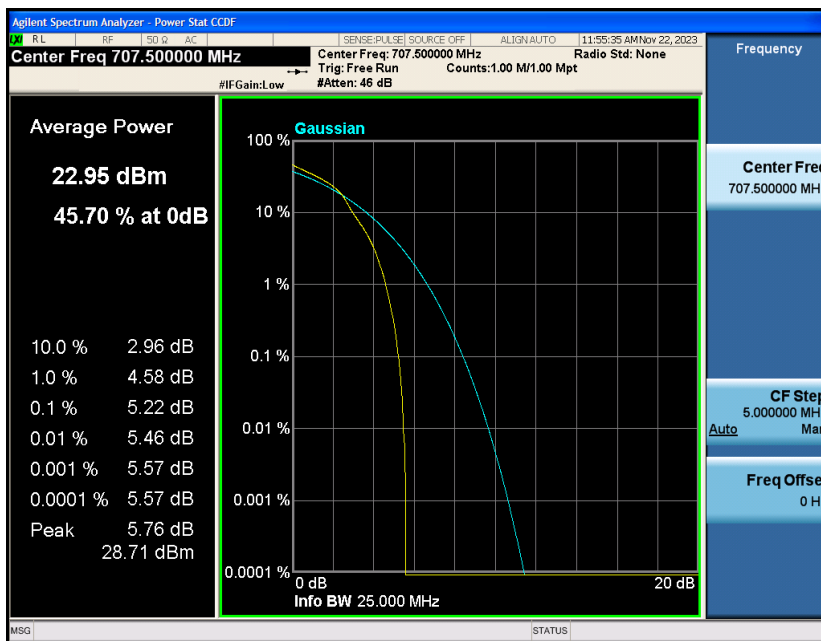
Band12-1.4MHz-16QAM-23017-1RB#0



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



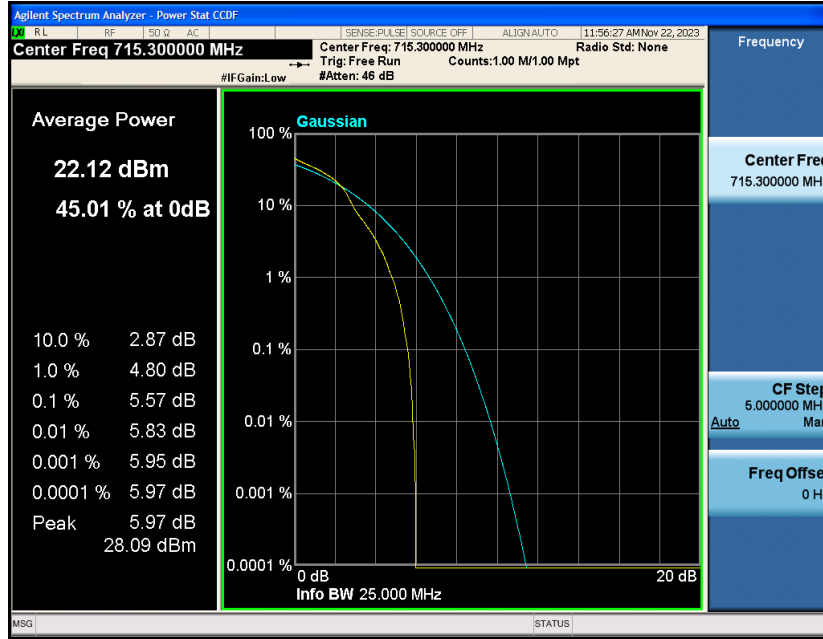
Band12-1.4MHz-16QAM-23095-1RB#0



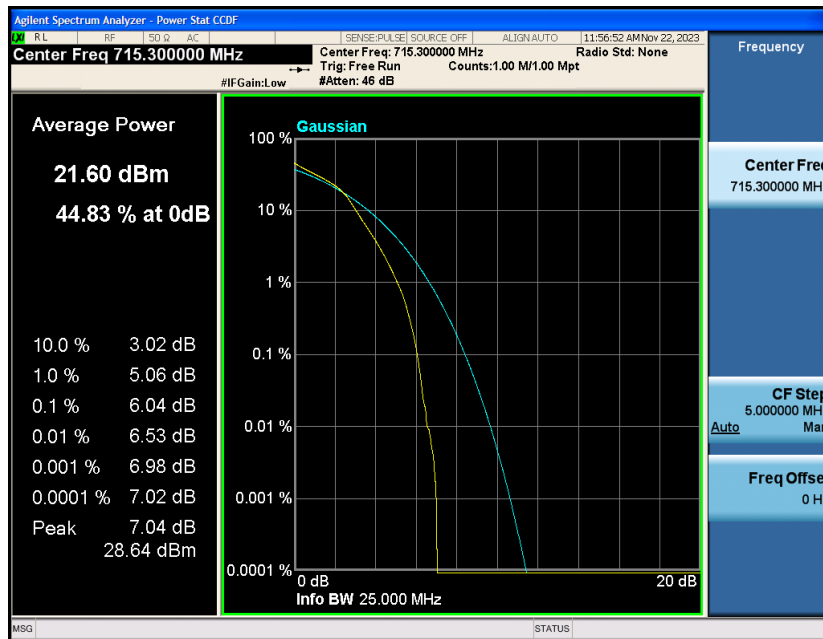
Band12-1.4MHz-16QAM-23095-6RB#0



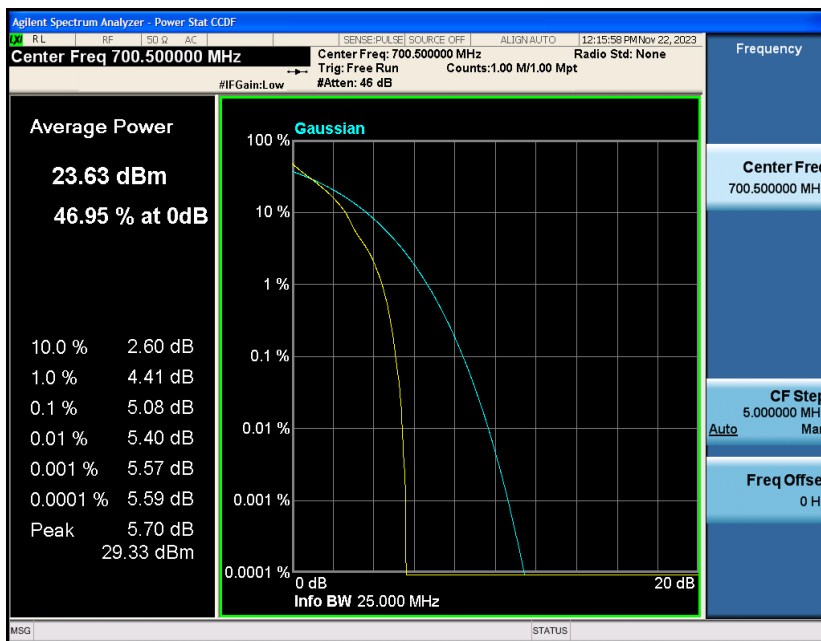
Band12-1.4MHz-16QAM-23173-1RB#0



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



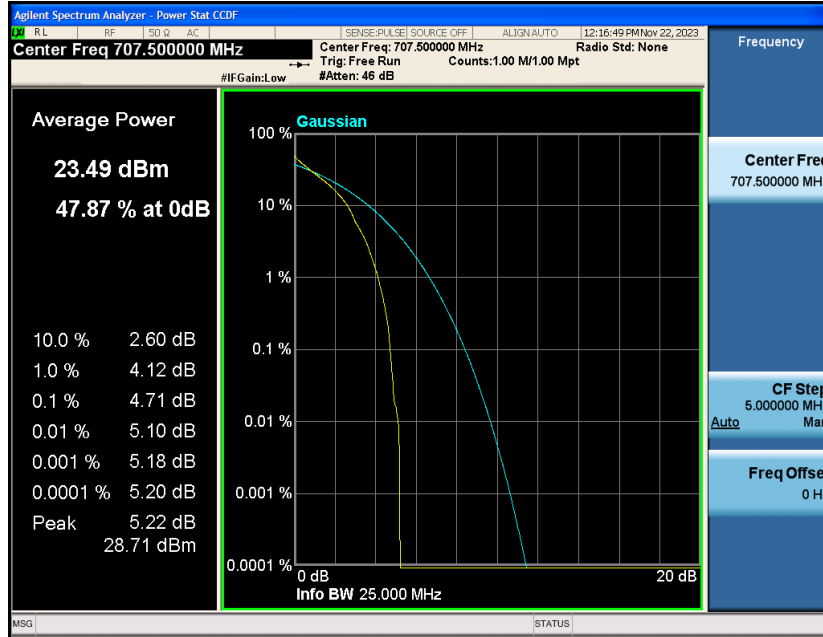
Band12-3MHz-QPSK-23025-1RB#0



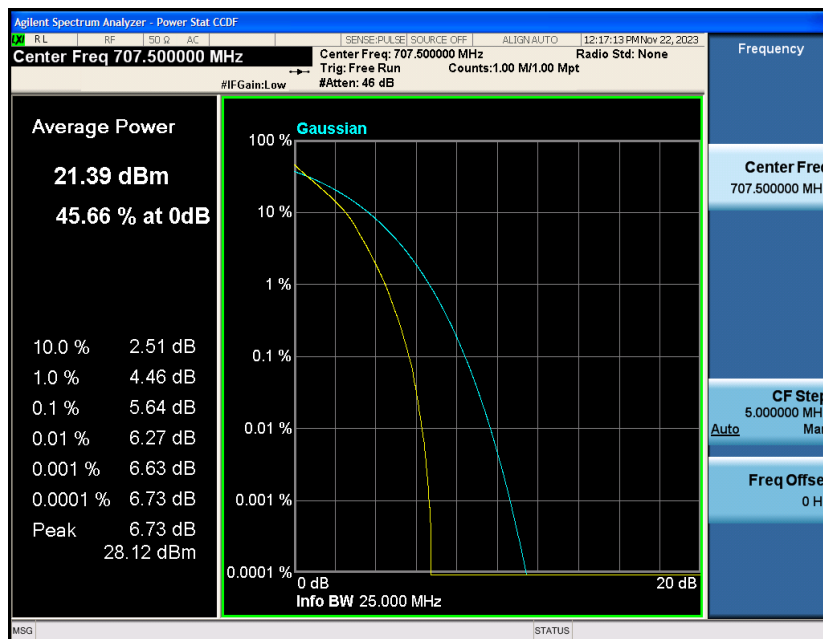
Band12-3MHz-QPSK-23025-15RB#0



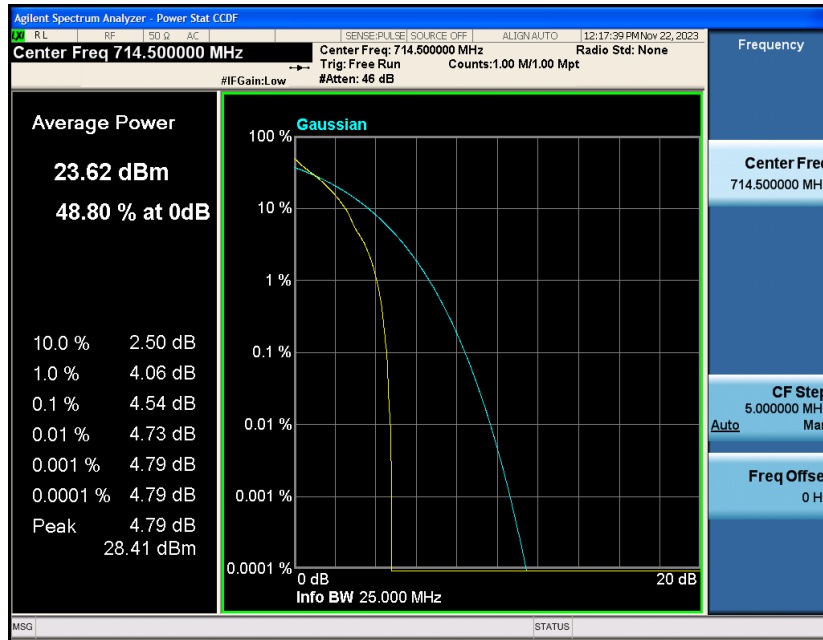
Band12-3MHz-QPSK-23095-1RB#0



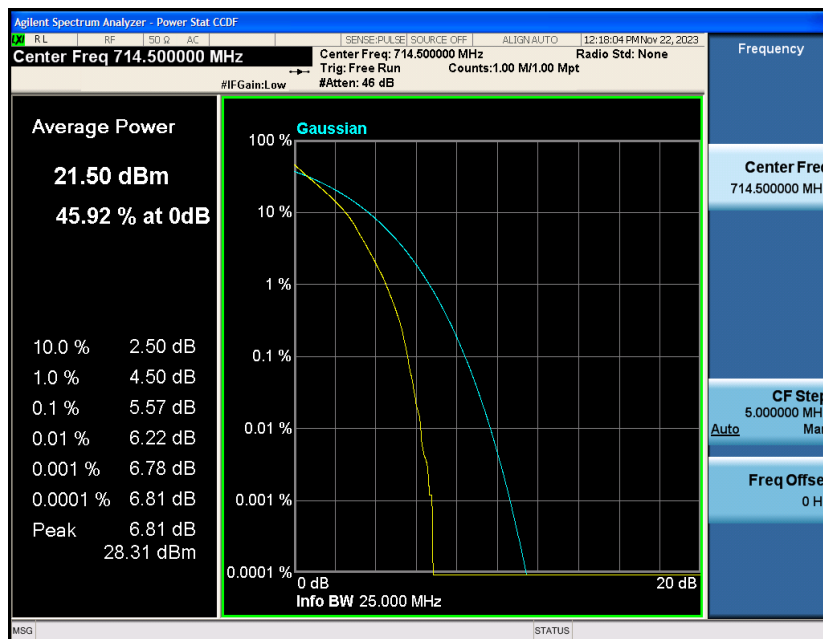
Band12-3MHz-QPSK-23095-15RB#0



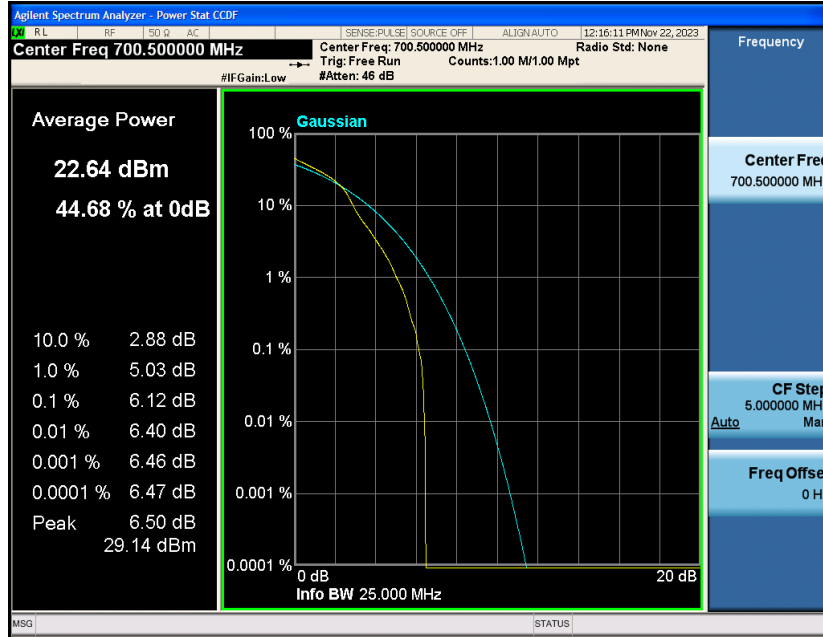
Band12-3MHz-QPSK-23165-1RB#0



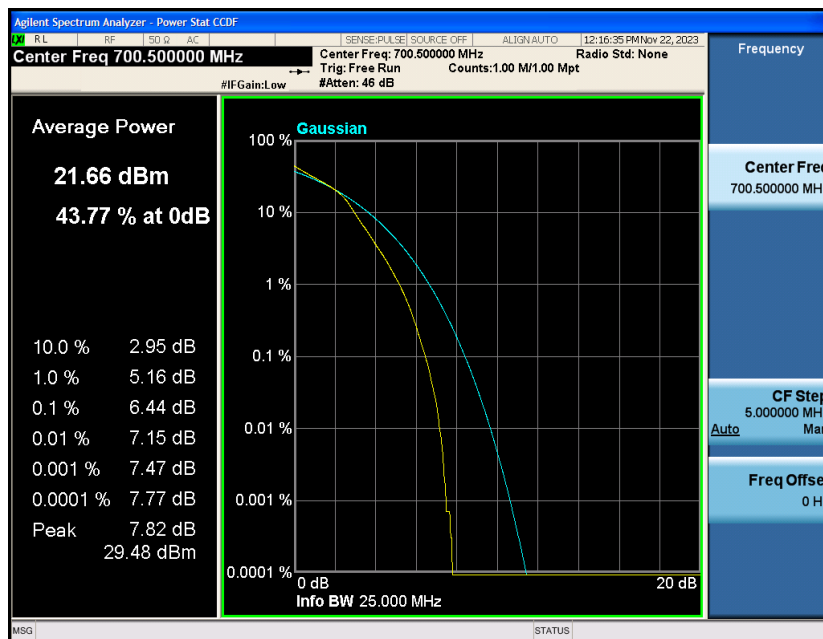
Band12-3MHz-QPSK-23165-15RB#0



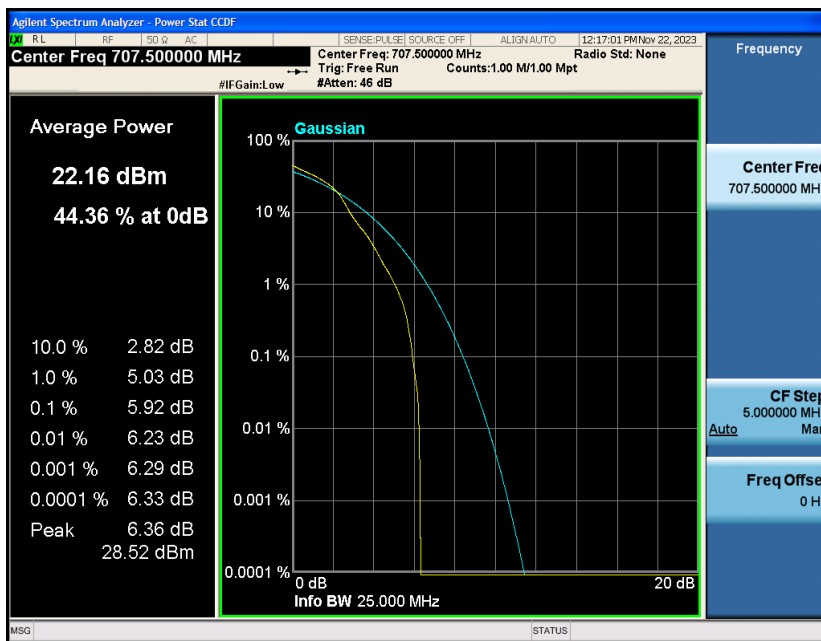
Band12-3MHz-16QAM-23025-1RB#0



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



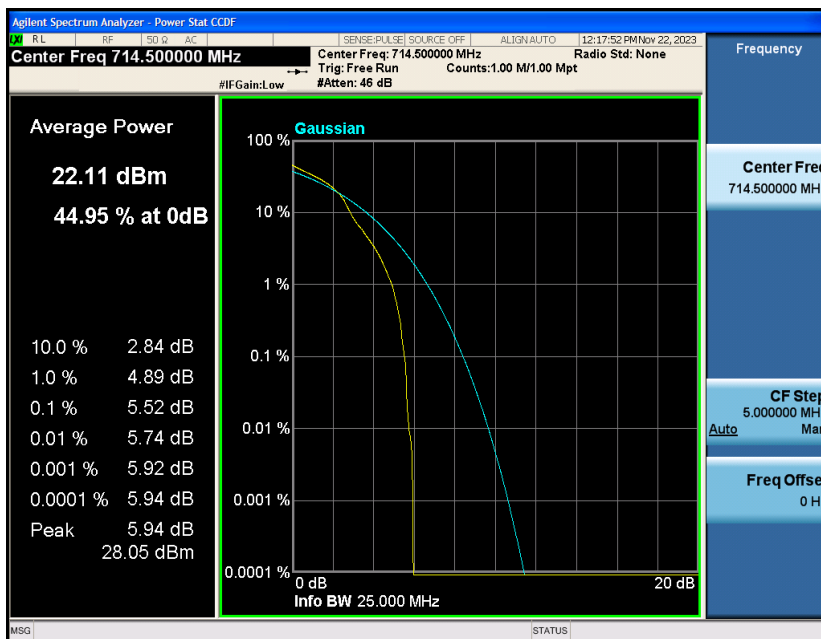
Band12-3MHz-16QAM-23095-1RB#0



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



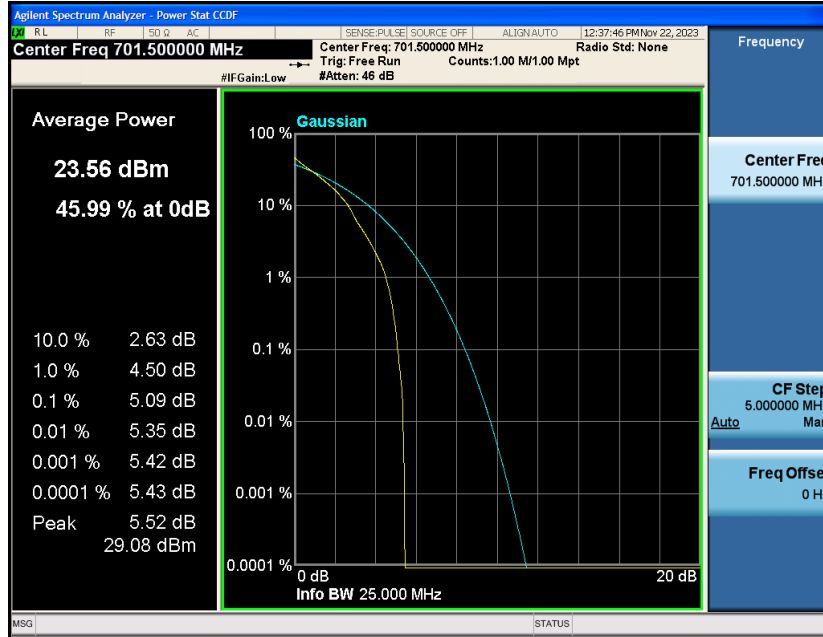
Band12-3MHz-16QAM-23165-1RB#0



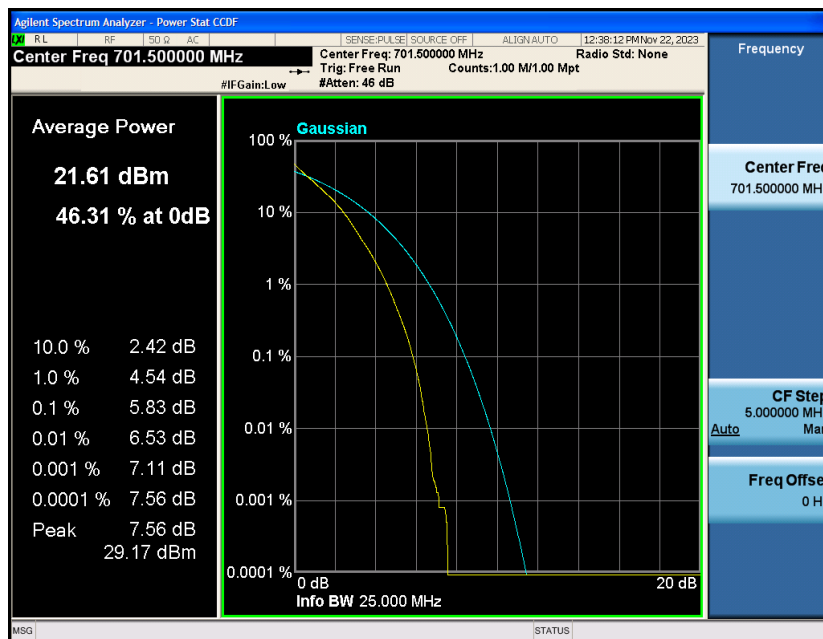
Band12-3MHz-16QAM-23165-15RB#0



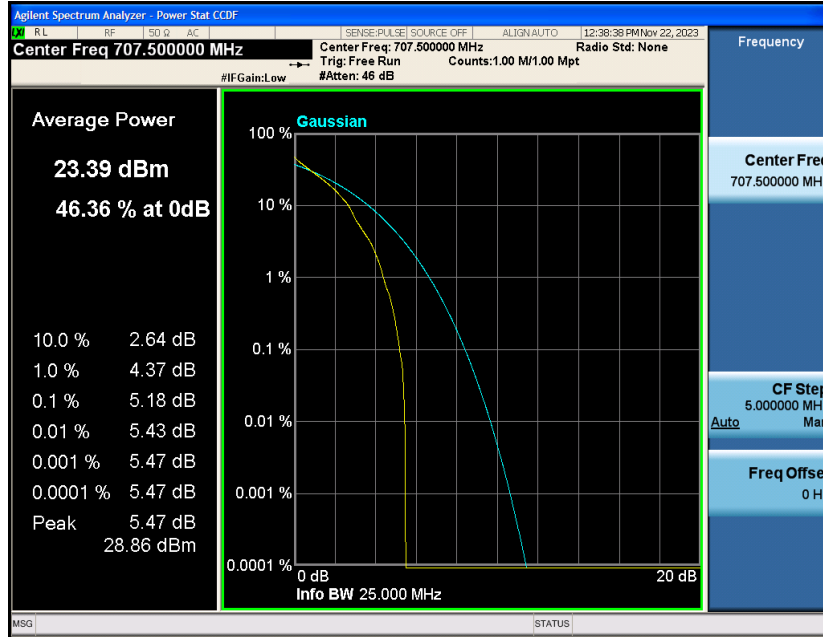
Band12-5MHz-QPSK-23035-1RB#0



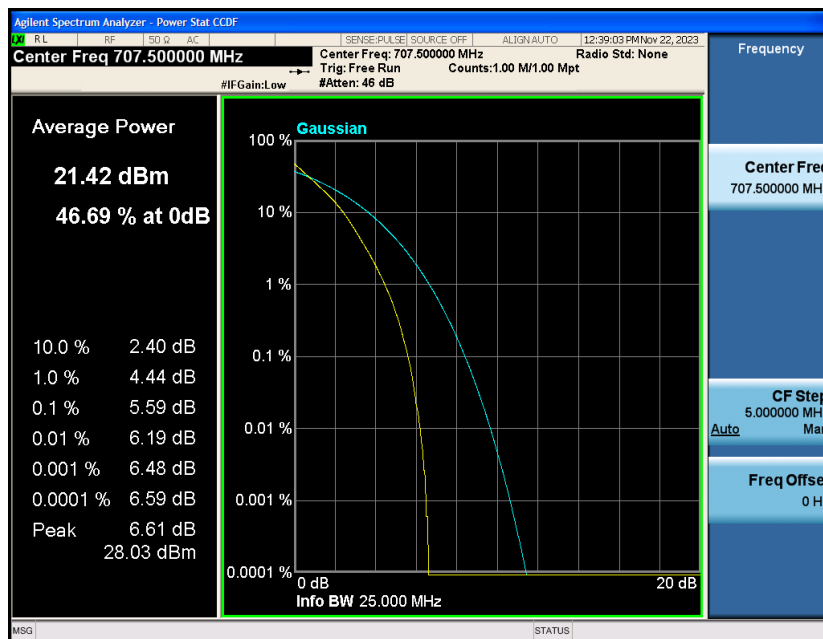
Band12-5MHz-QPSK-23035-25RB#0



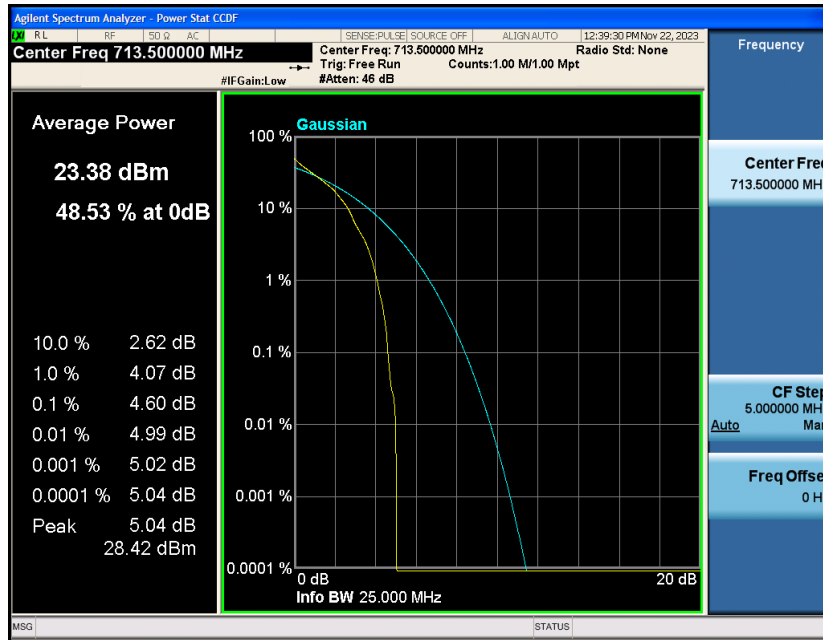
Band12-5MHz-QPSK-23095-1RB#0



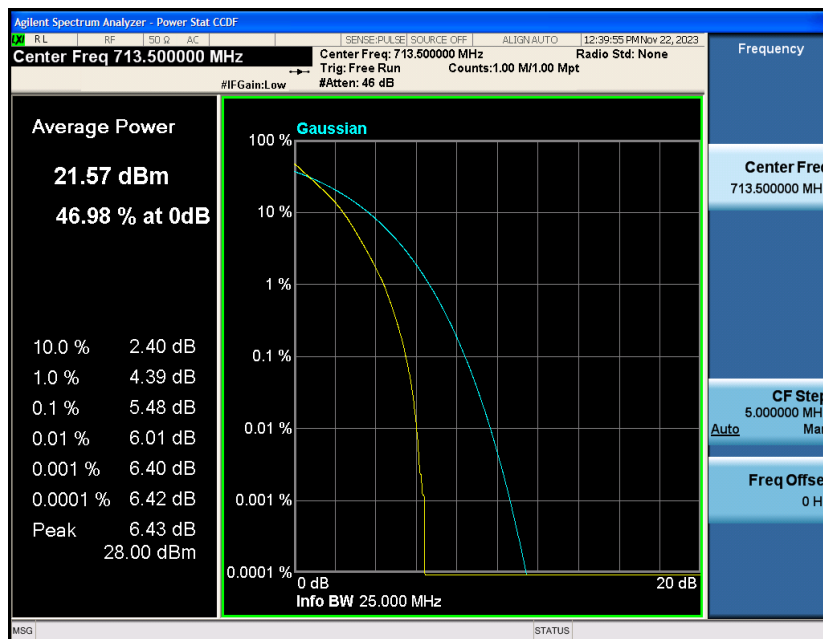
Band12-5MHz-QPSK-23095-25RB#0



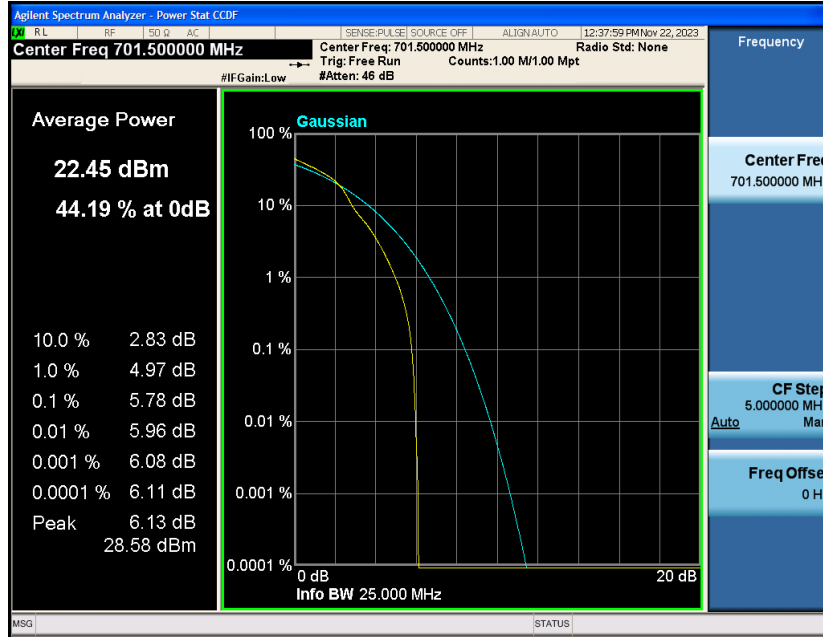
Band12-5MHz-QPSK-23155-1RB#0



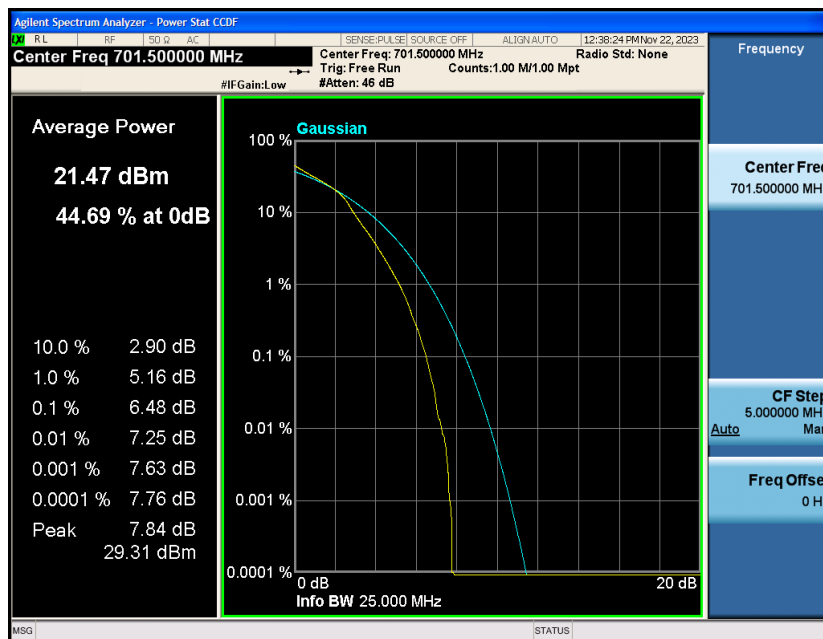
Band12-5MHz-QPSK-23155-25RB#0



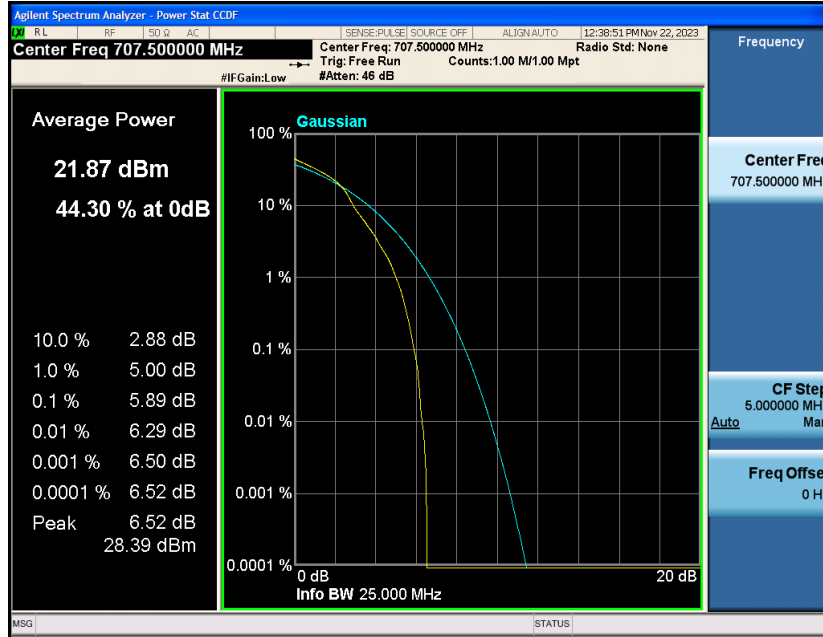
Band12-5MHz-16QAM-23035-1RB#0



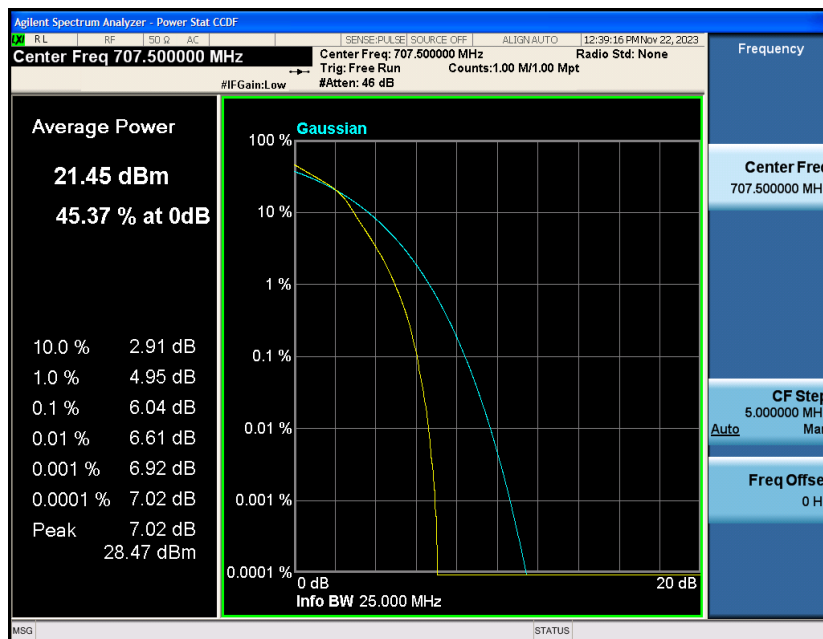
Band12-5MHz-16QAM-23035-25RB#0



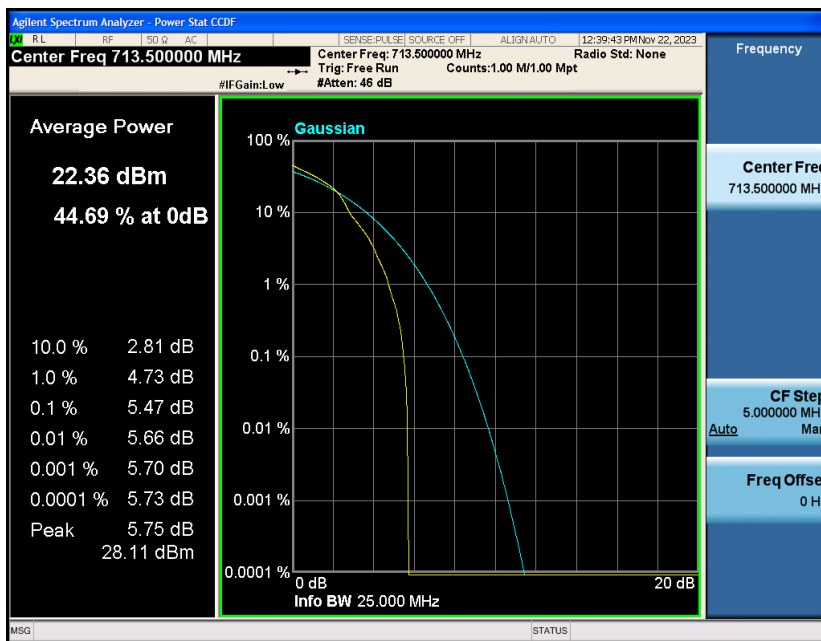
Band12-5MHz-16QAM-23095-1RB#0



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



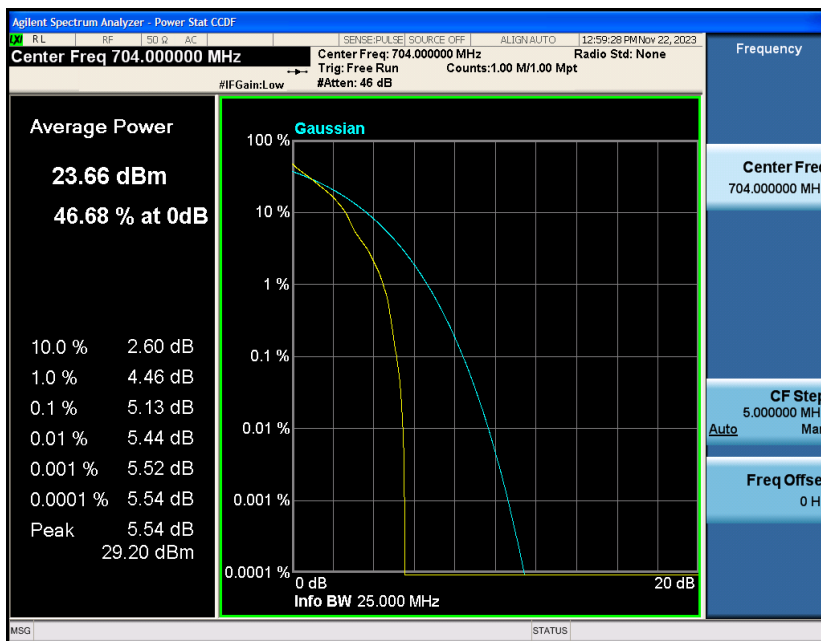
Band12-5MHz-16QAM-23155-1RB#0



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



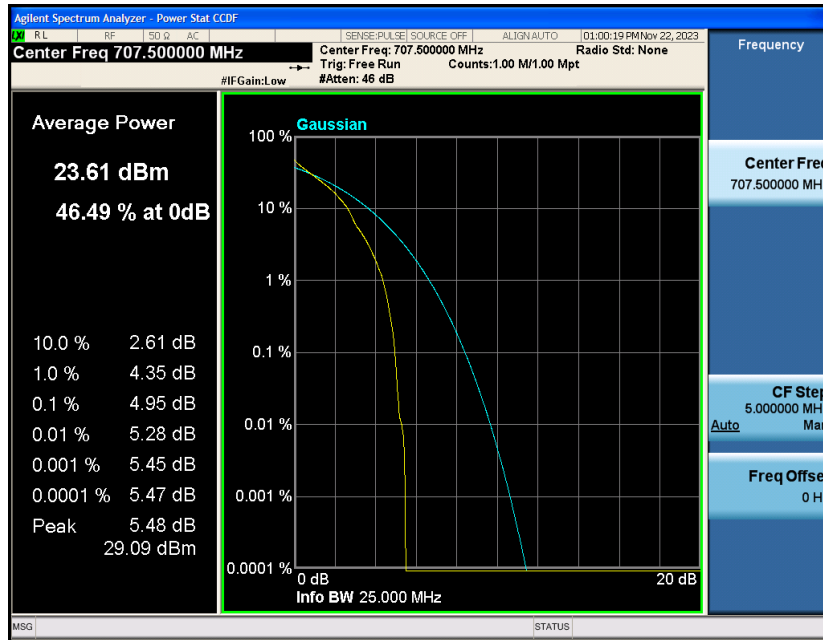
Band12-10MHz-QPSK-23060-1RB#0



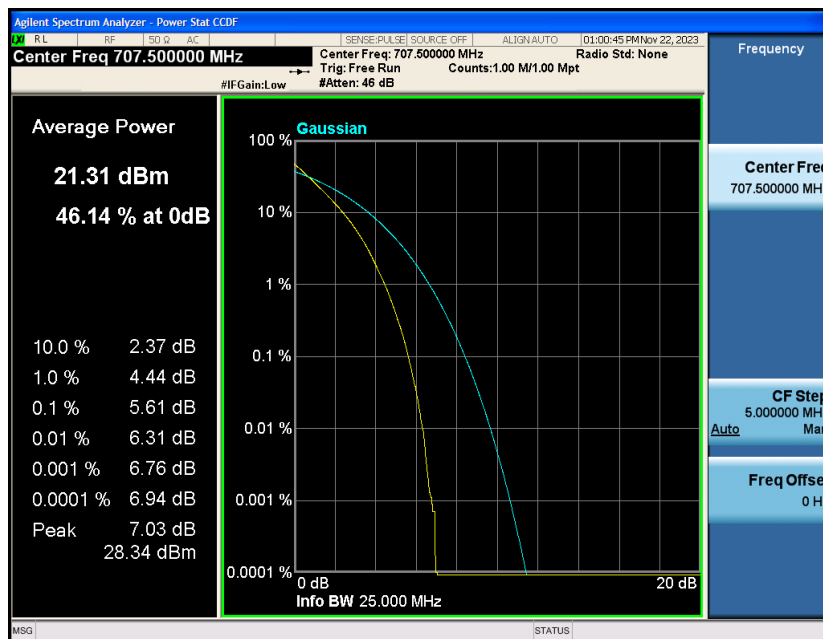
Band12-10MHz-QPSK-23060-50RB#0



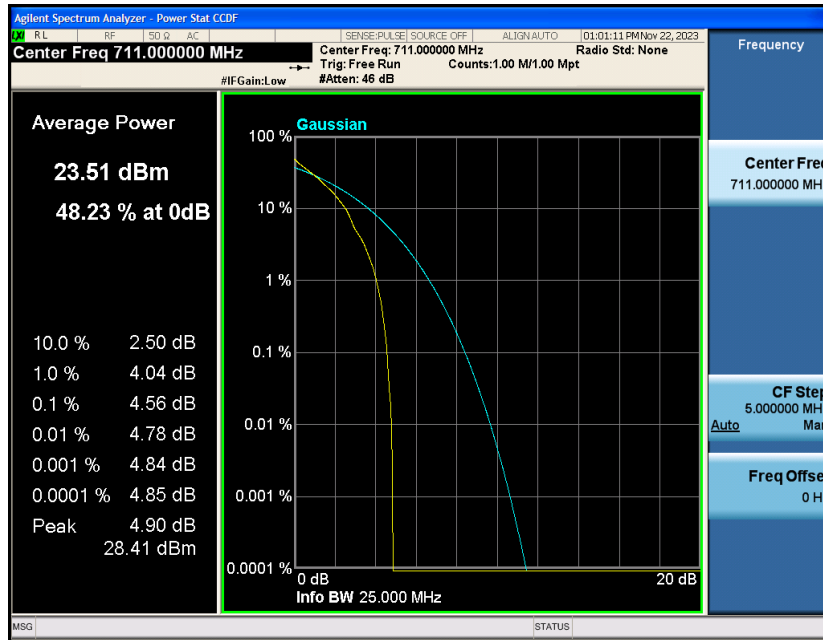
Band12-10MHz-QPSK-23095-1RB#0



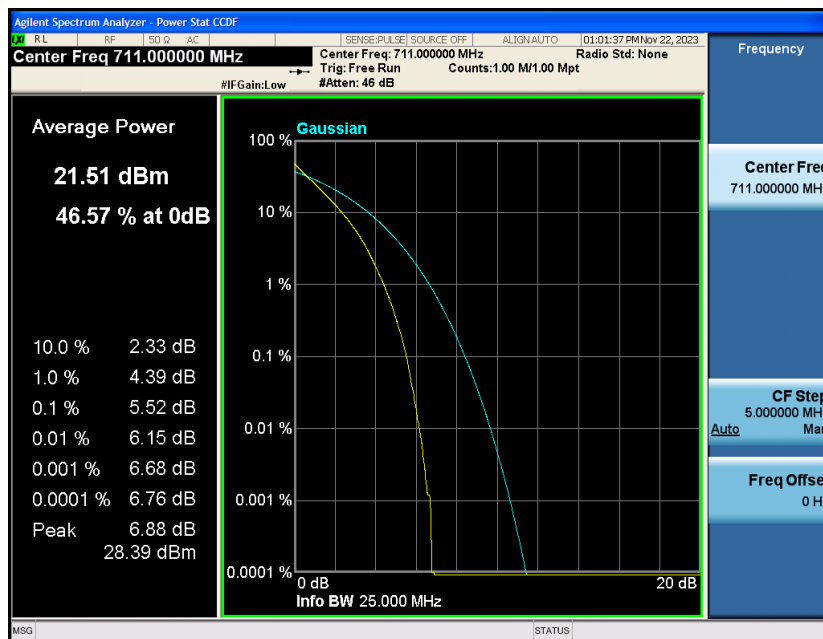
Band12-10MHz-QPSK-23095-50RB#0



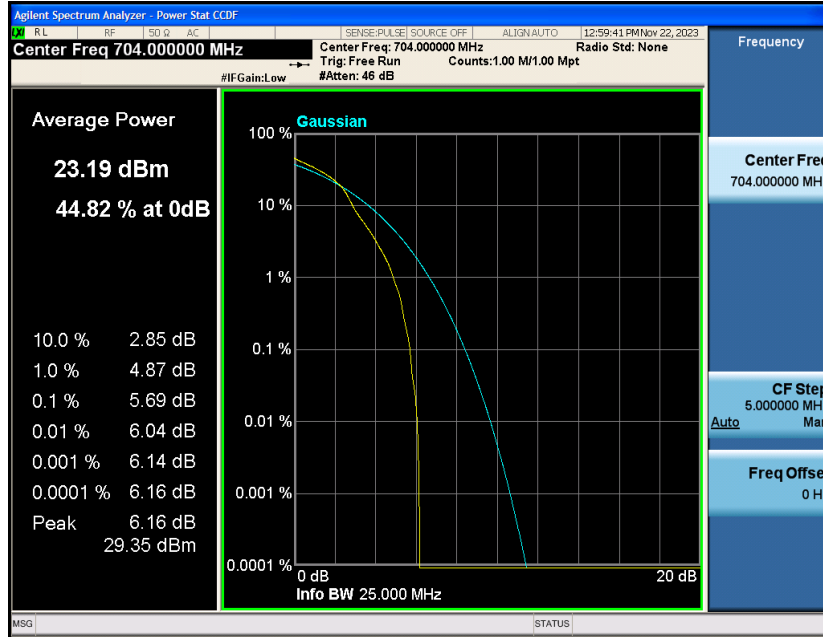
Band12-10MHz-QPSK-23130-1RB#0



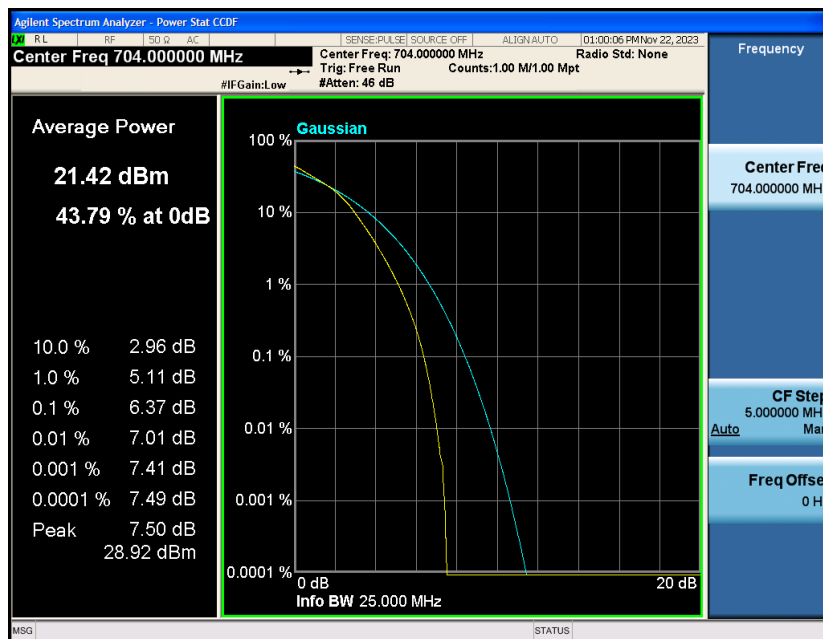
Band12-10MHz-QPSK-23130-50RB#0



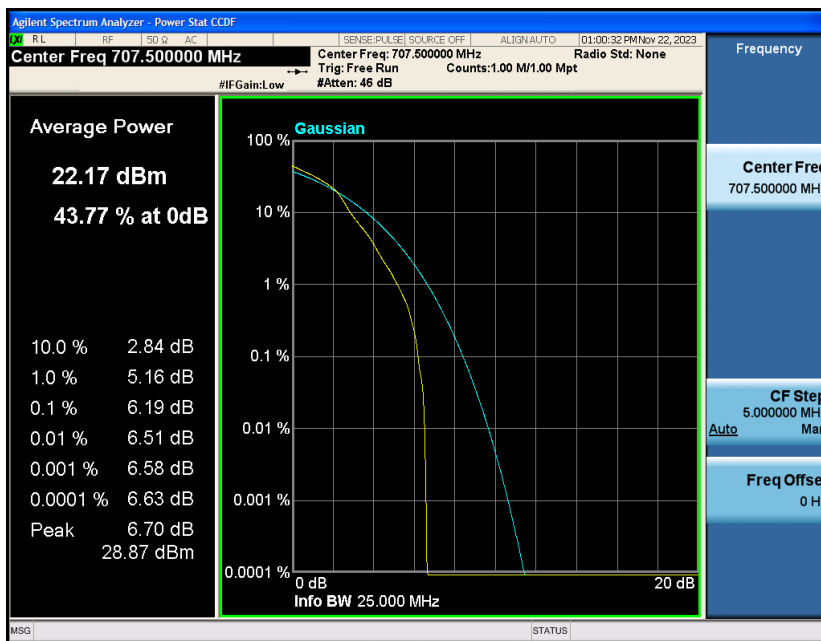
Band12-10MHz-16QAM-23060-1RB#0



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



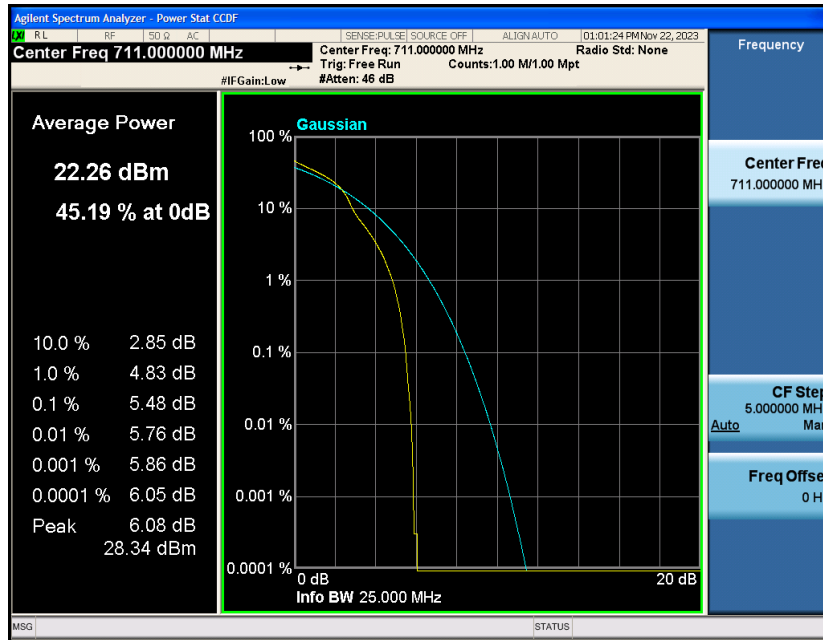
Band12-10MHz-16QAM-23095-1RB#0



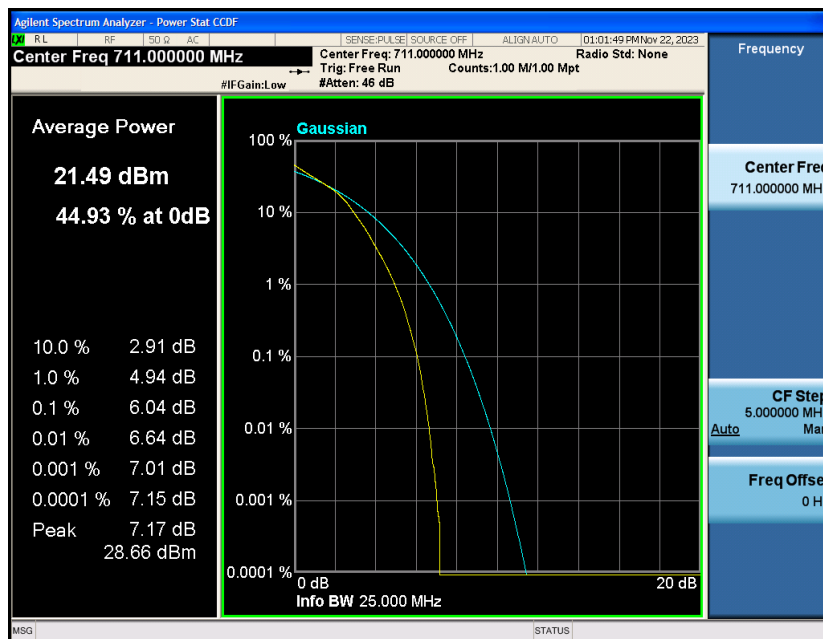
Band12-10MHz-16QAM-23095-50RB#0



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



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



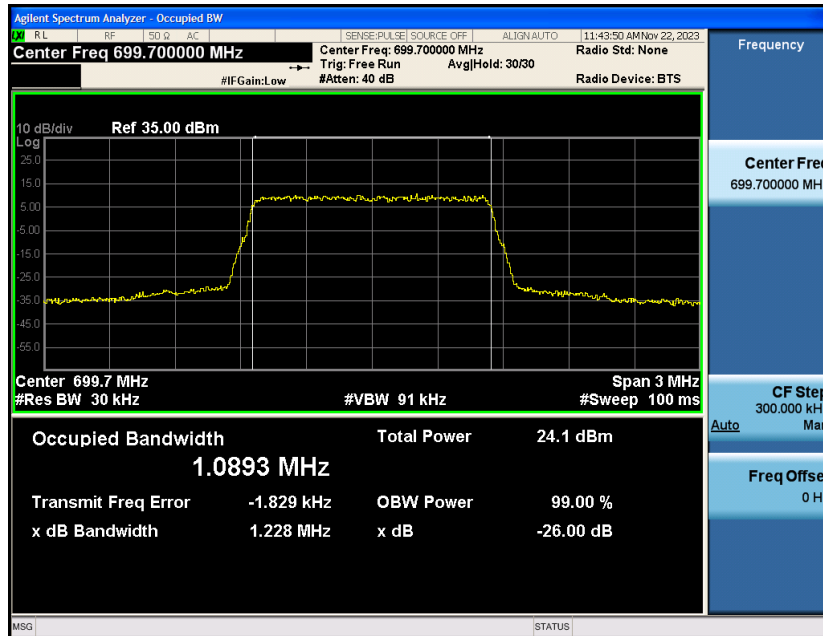
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

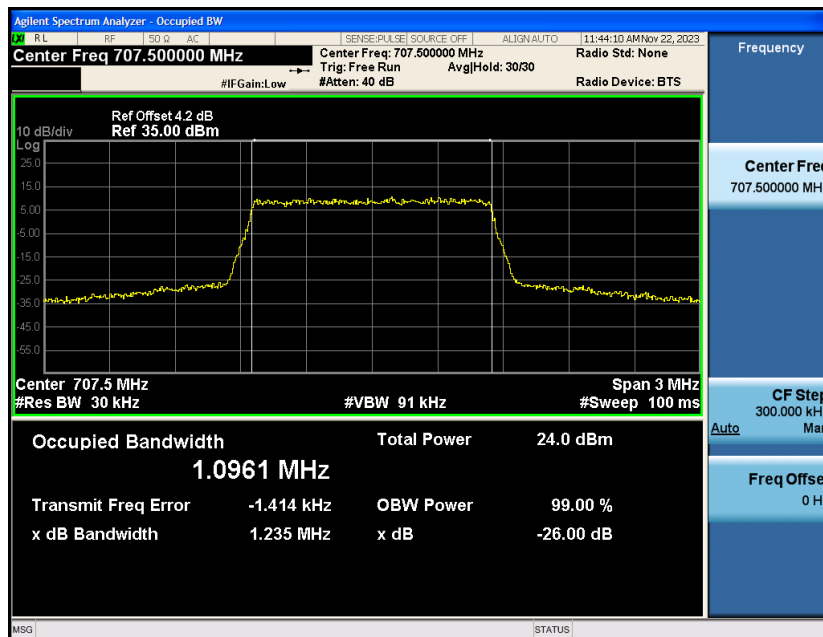
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0893	1.228	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0961	1.235	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0888	1.237	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0908	1.237	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0907	1.240	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0905	1.230	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6973	2.949	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7003	2.974	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7012	2.956	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6916	2.969	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6971	2.984	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6964	2.967	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4990	4.885	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4887	4.883	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4976	4.882	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4996	4.889	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4954	4.899	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5005	4.861	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9984	9.560	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9728	9.591	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9604	9.534	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9841	9.563	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9665	9.619	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9571	9.559	PASS

Test Graphs

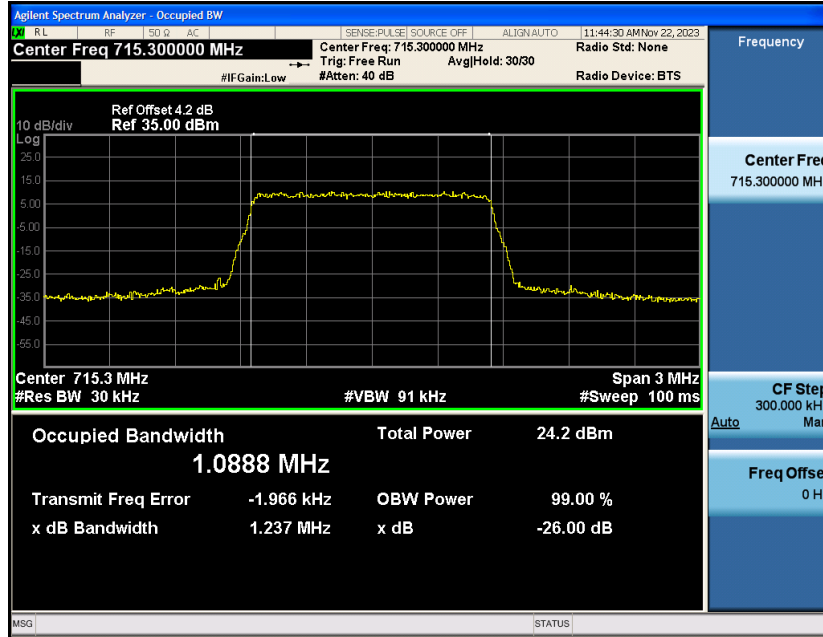
Band12-1.4MHz-QPSK-23017-6RB#0



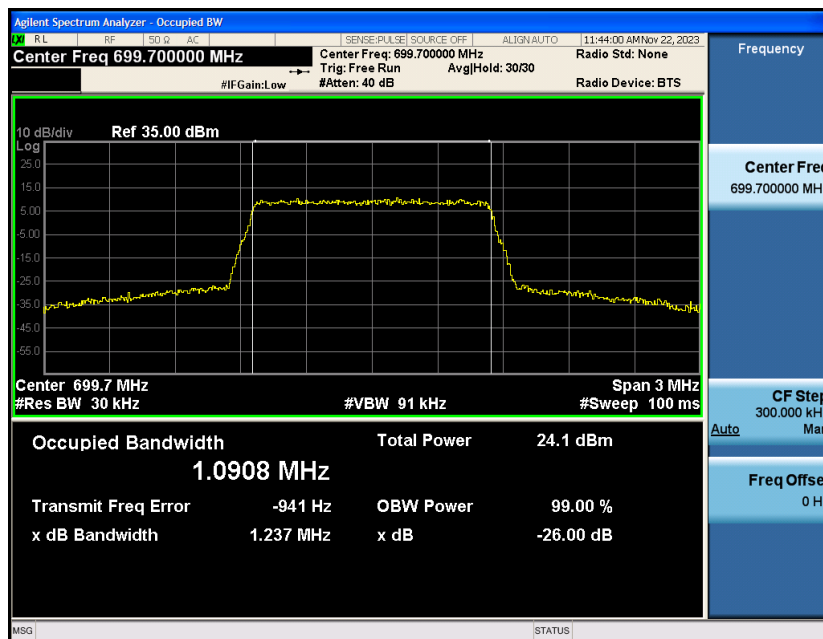
Band12-1.4MHz-QPSK-23095-6RB#0



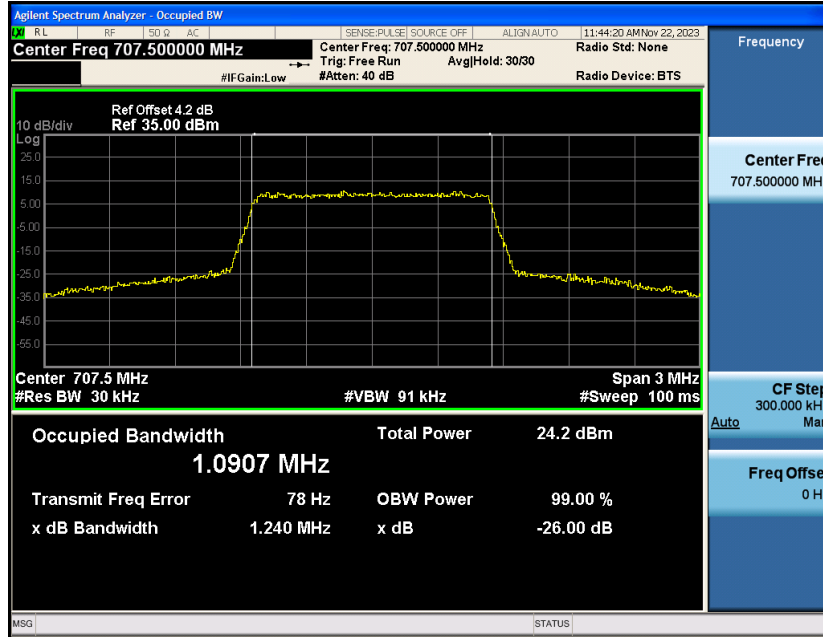
Band12-1.4MHz-QPSK-23173-6RB#0



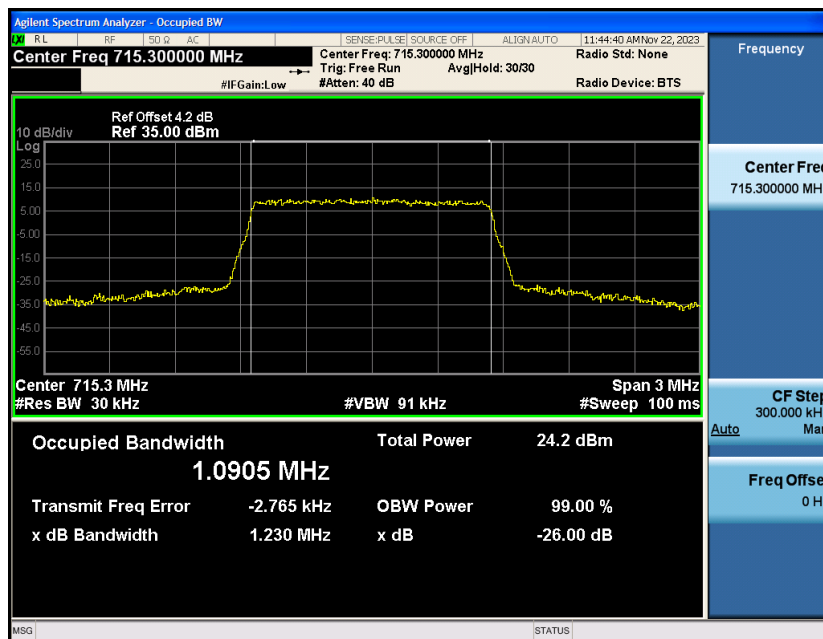
Band12-1.4MHz-16QAM-23017-6RB#0



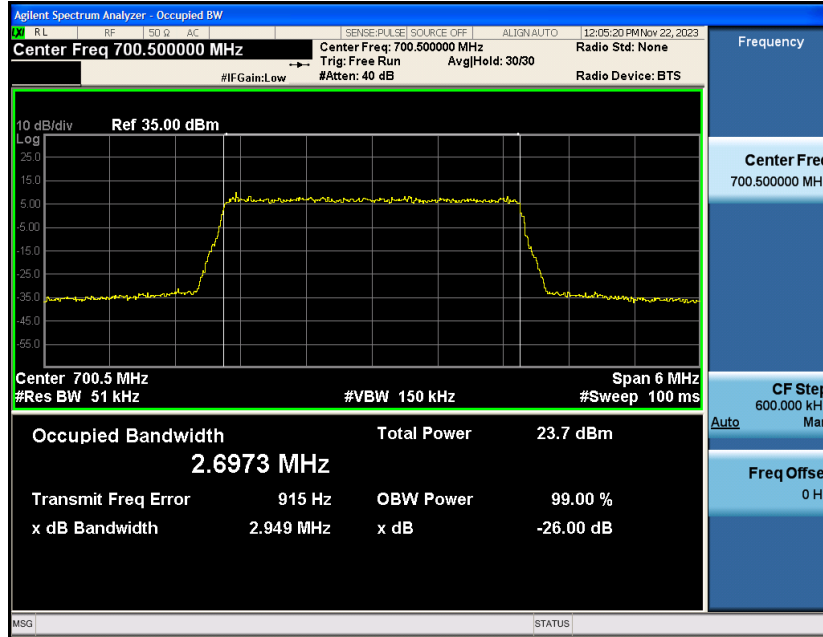
Band12-1.4MHz-16QAM-23095-6RB#0



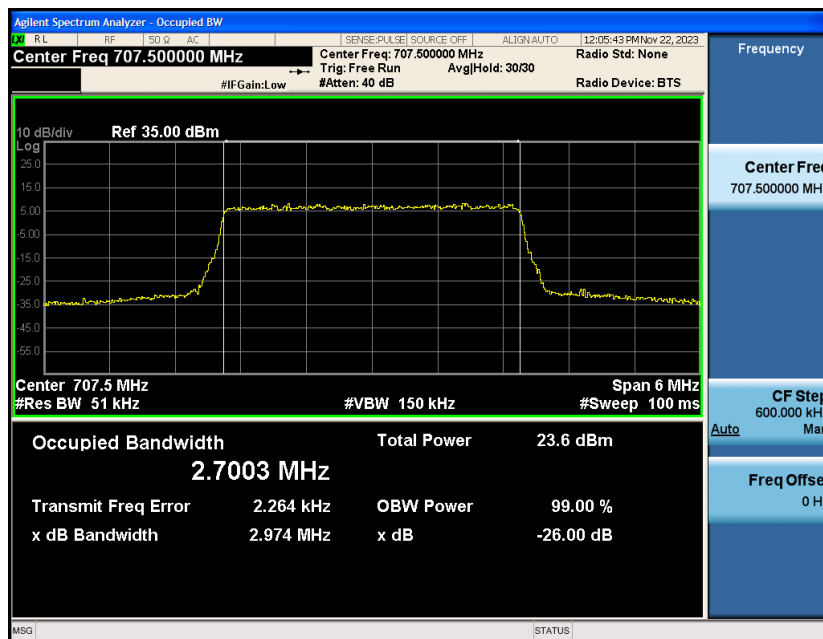
Band12-1.4MHz-16QAM-23173-6RB#0



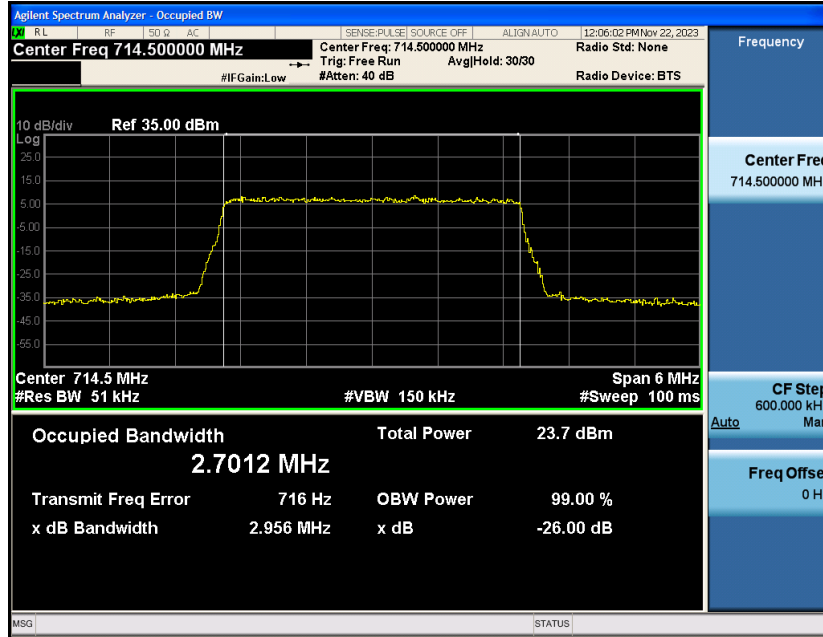
Band12-3MHz-QPSK-23025-15RB#0



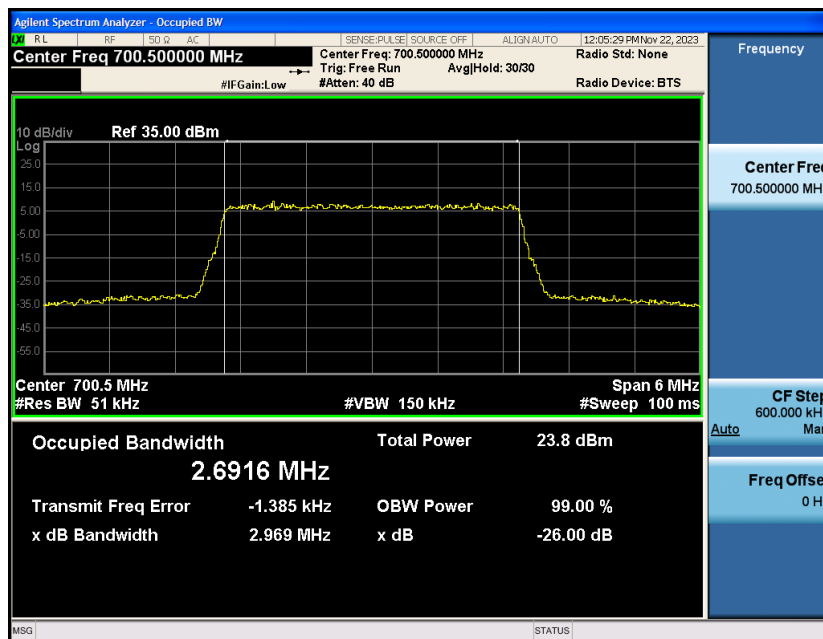
Band12-3MHz-QPSK-23095-15RB#0



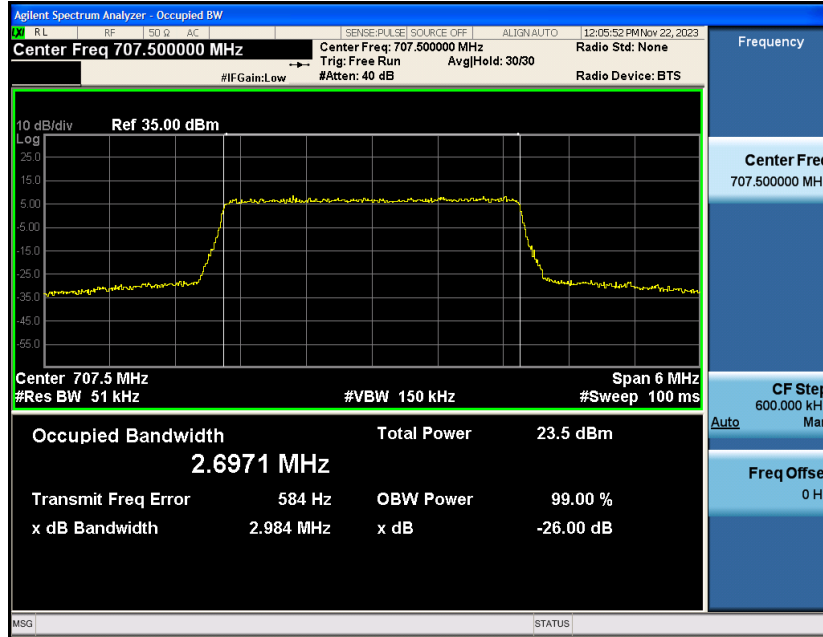
Band12-3MHz-QPSK-23165-15RB#0



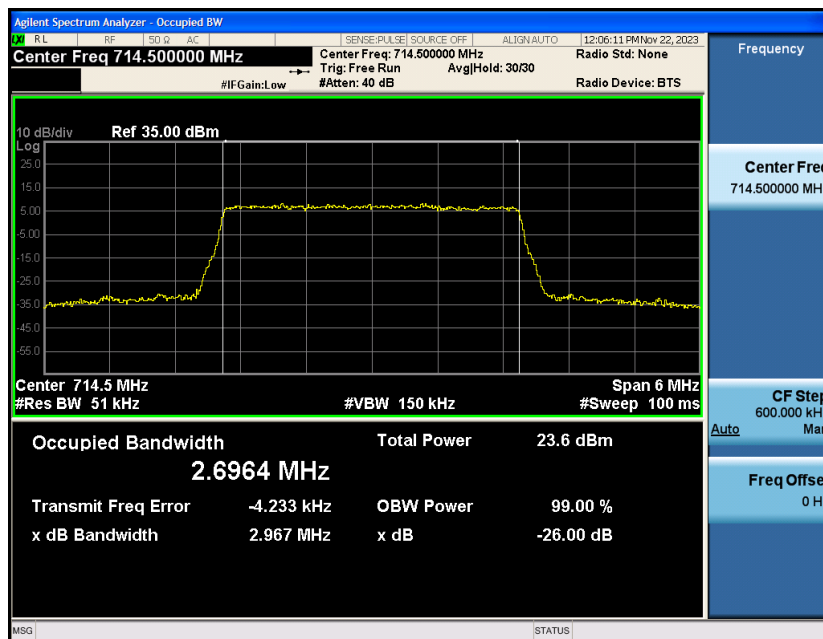
Band12-3MHz-16QAM-23025-15RB#0



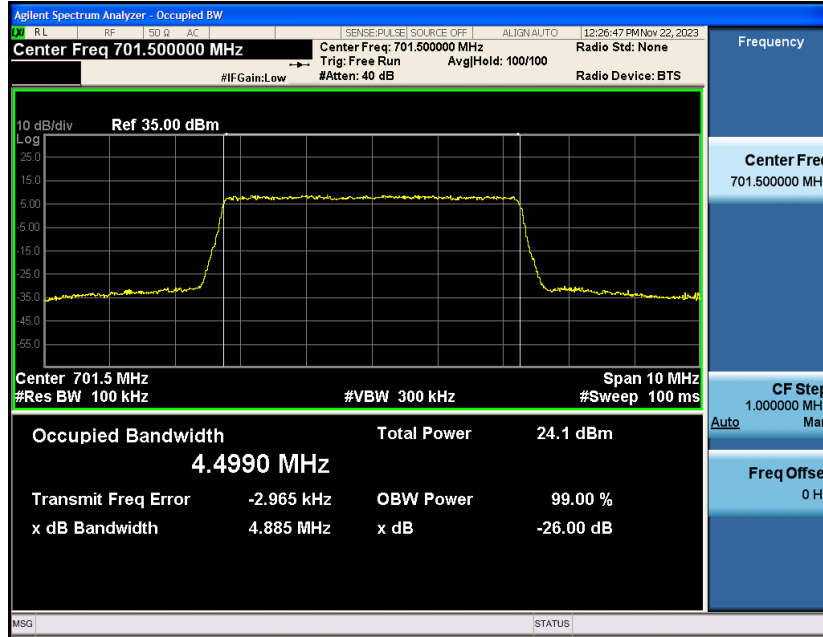
Band12-3MHz-16QAM-23095-15RB#0



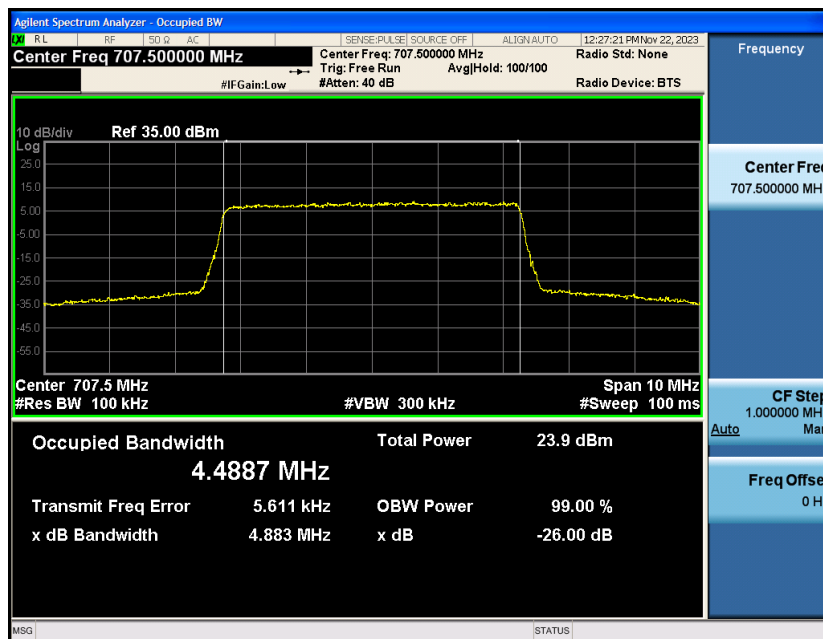
Band12-3MHz-16QAM-23165-15RB#0



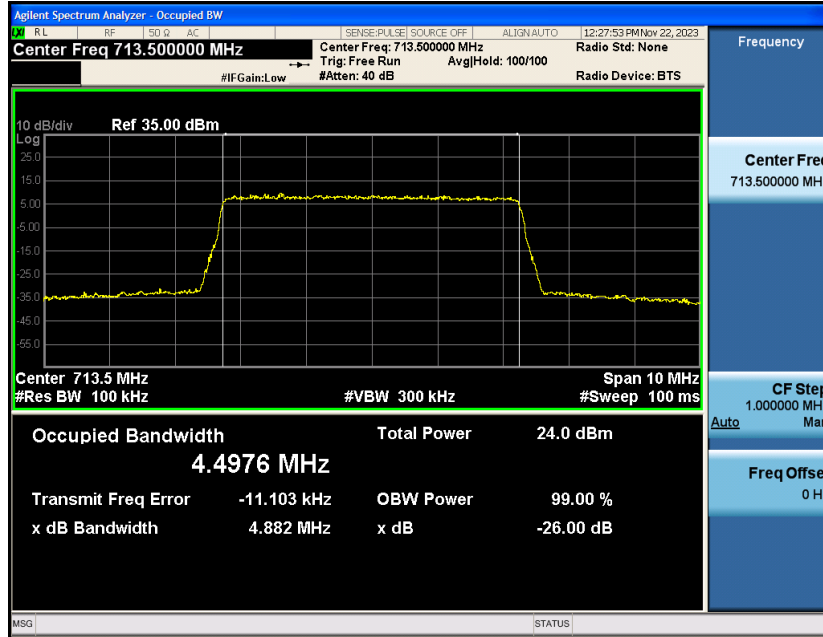
Band12-5MHz-QPSK-23035-25RB#0



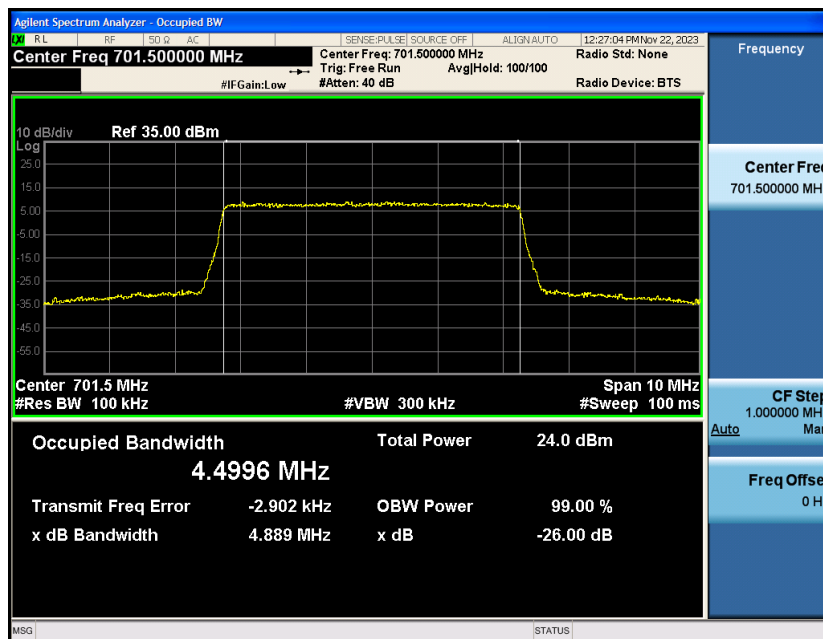
Band12-5MHz-QPSK-23095-25RB#0



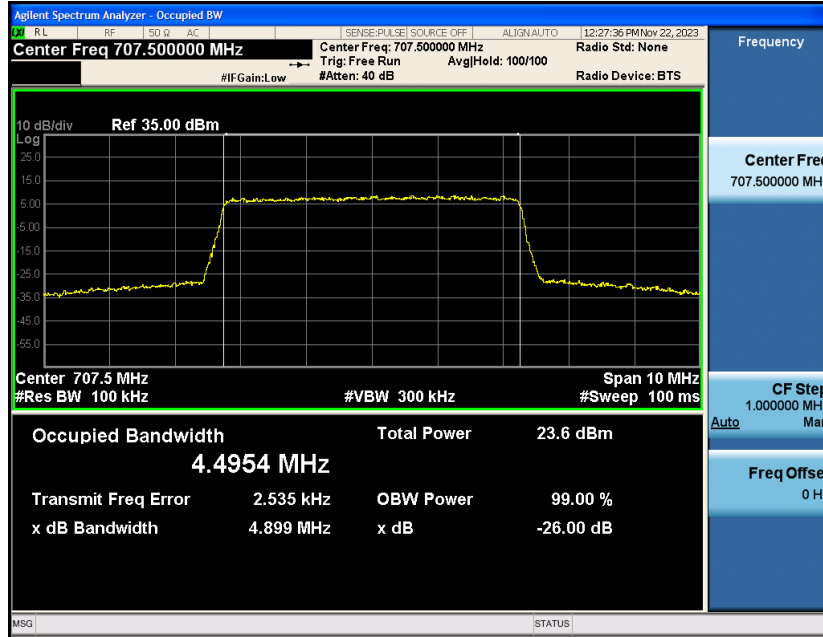
Band12-5MHz-QPSK-23155-25RB#0



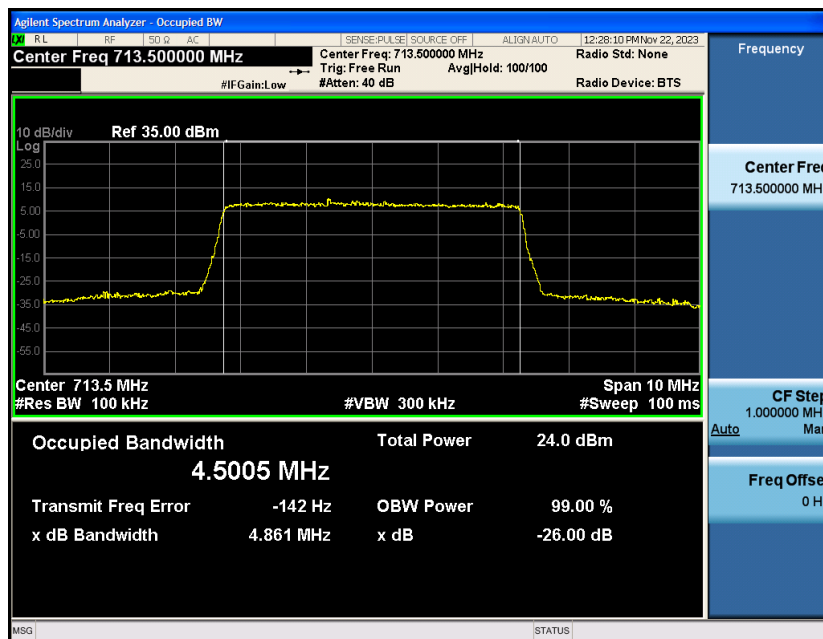
Band12-5MHz-16QAM-23035-25RB#0



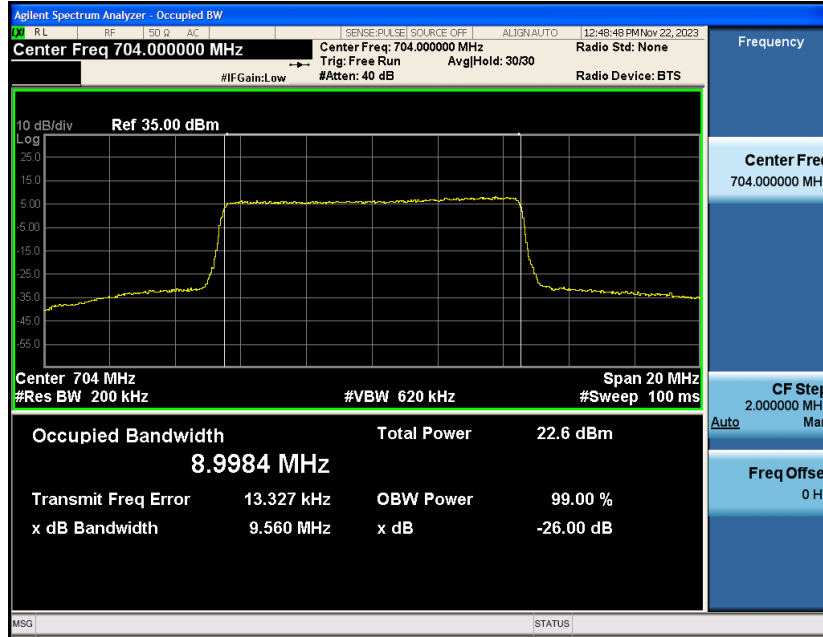
Band12-5MHz-16QAM-23095-25RB#0



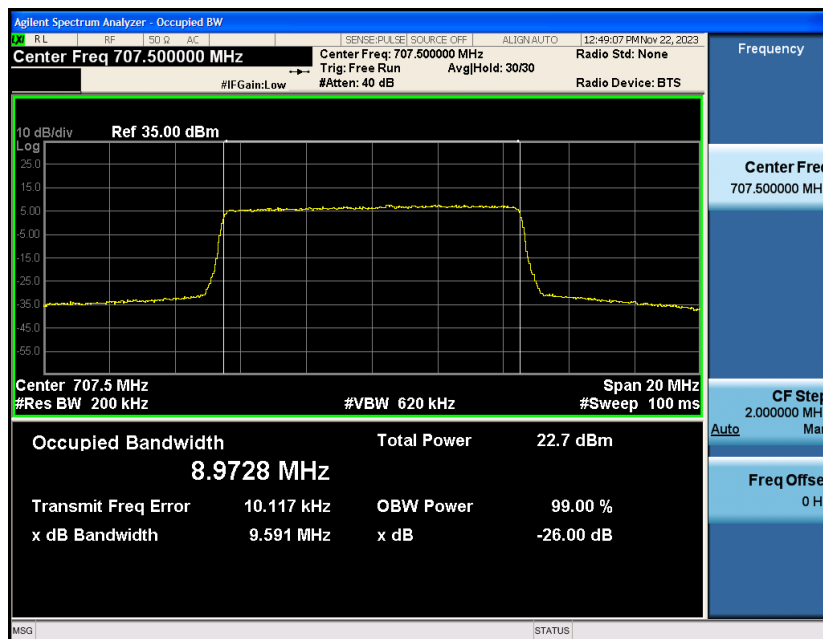
Band12-5MHz-16QAM-23155-25RB#0



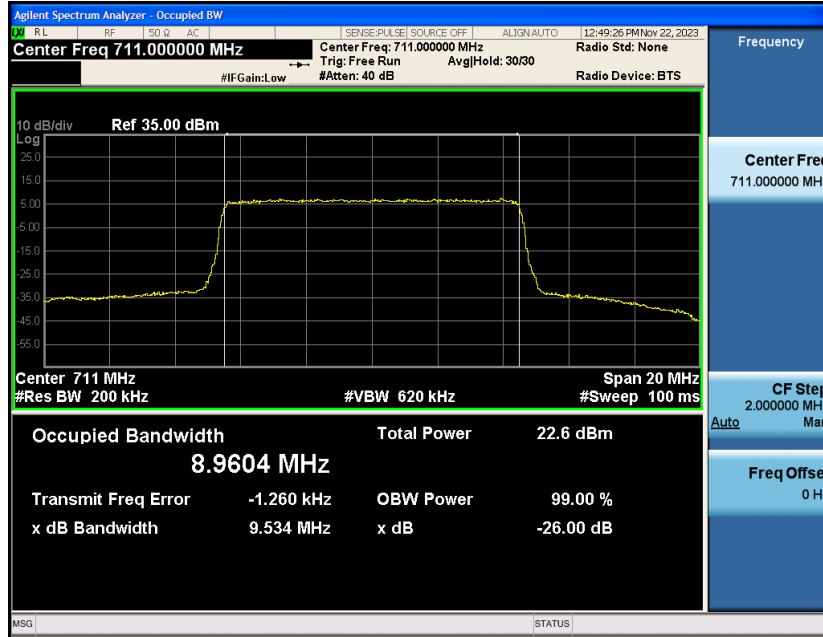
Band12-10MHz-QPSK-23060-50RB#0



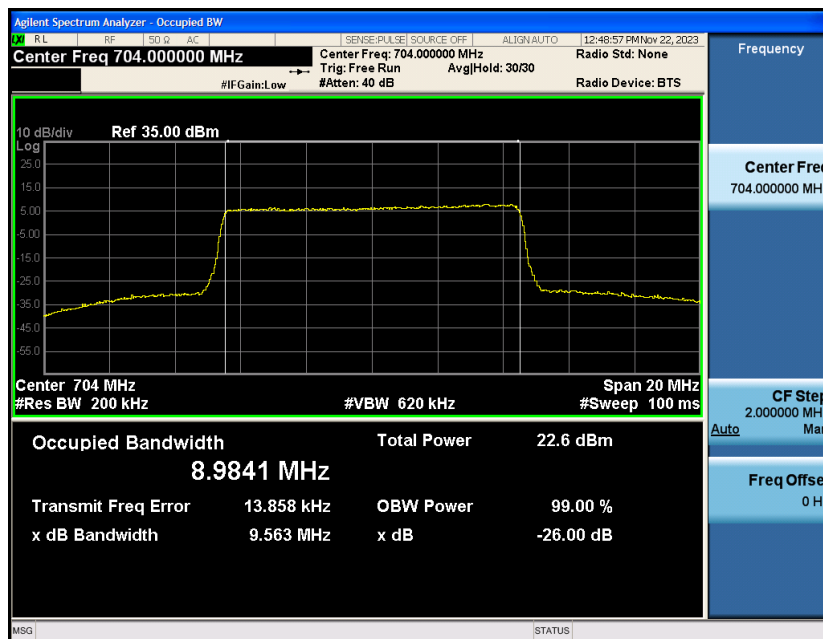
Band12-10MHz-QPSK-23095-50RB#0



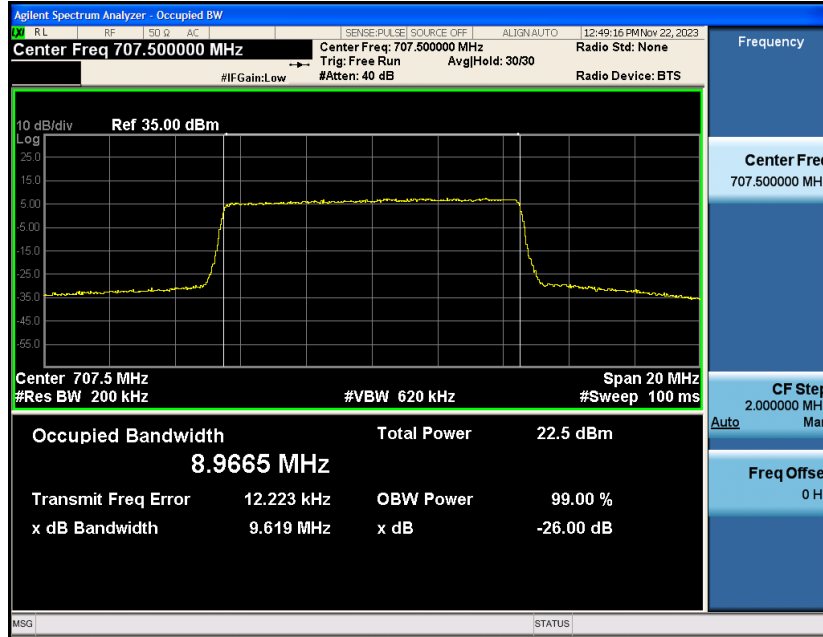
Band12-10MHz-QPSK-23130-50RB#0



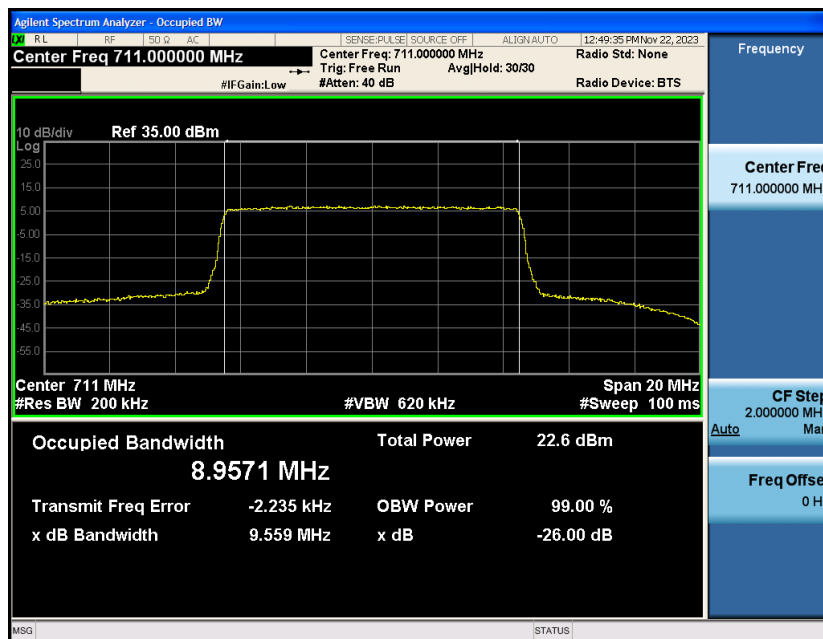
Band12-10MHz-16QAM-23060-50RB#0



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



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



Appendix D: Band Edge

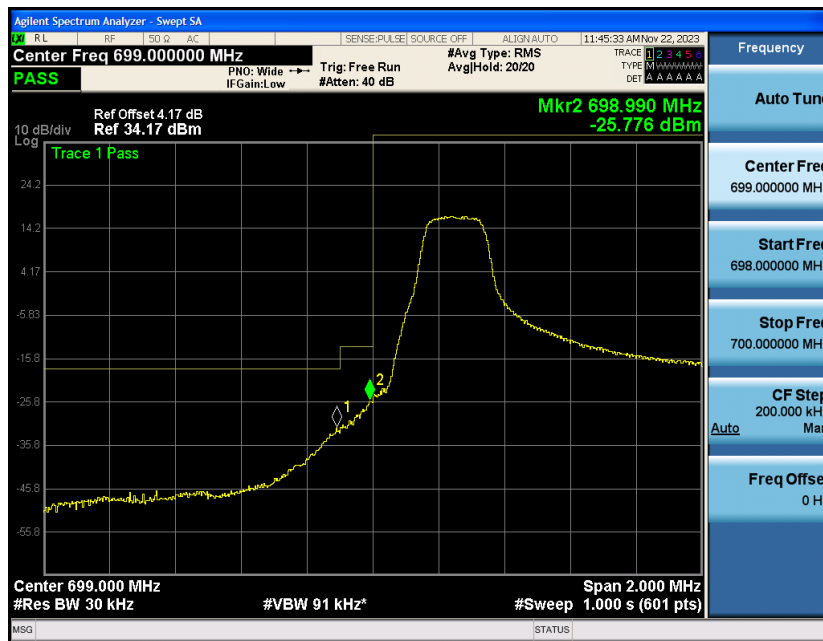
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-31.93,-25.78	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-34.87,-41.97	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-32.37,-31.16	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-47.51,-42.36	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-22.61,-33.24	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-32.79,-33.93	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-33.85,-26.49	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-36.85,-44.90	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-31.08,-29.96	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-48.01,-47.37	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-26.36,-34.81	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-29.41,-30.75	PASS
Band12	3MHz	QPSK	23025	1RB#0	-37.45,-21.45	PASS
Band12	3MHz	QPSK	23025	1RB#14	-49.53,-34.44	PASS
Band12	3MHz	QPSK	23025	15RB#0	-43.22,-31.79	PASS
Band12	3MHz	QPSK	23165	1RB#0	-35.55,-51.11	PASS
Band12	3MHz	QPSK	23165	1RB#14	-21.85,-36.80	PASS
Band12	3MHz	QPSK	23165	15RB#0	-32.12,-45.01	PASS
Band12	3MHz	16QAM	23025	1RB#0	-38.70,-22.60	PASS
Band12	3MHz	16QAM	23025	1RB#14	-49.78,-34.79	PASS
Band12	3MHz	16QAM	23025	15RB#0	-42.25,-32.12	PASS
Band12	3MHz	16QAM	23165	1RB#0	-36.92,-52.09	PASS
Band12	3MHz	16QAM	23165	1RB#14	-23.08,-39.43	PASS
Band12	3MHz	16QAM	23165	15RB#0	-31.82,-42.66	PASS
Band12	5MHz	QPSK	23035	1RB#0	-14.62	PASS
Band12	5MHz	QPSK	23035	1RB#24	-33.04	PASS
Band12	5MHz	QPSK	23035	25RB#0	-26.40	PASS
Band12	5MHz	QPSK	23155	1RB#0	-34.05	PASS
Band12	5MHz	QPSK	23155	1RB#24	-15.11	PASS
Band12	5MHz	QPSK	23155	25RB#0	-27.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	-15.76	PASS
Band12	5MHz	16QAM	23035	1RB#24	-34.10	PASS
Band12	5MHz	16QAM	23035	25RB#0	-25.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	-35.42	PASS
Band12	5MHz	16QAM	23155	1RB#24	-16.18	PASS
Band12	5MHz	16QAM	23155	25RB#0	-27.23	PASS
Band12	10MHz	QPSK	23060	1RB#0	-23.45,-17.30	PASS

Band12	10MHz	QPSK	23060	1RB#49	-41.52,-37.25	PASS
Band12	10MHz	QPSK	23060	50RB#0	-31.63,-29.49	PASS
Band12	10MHz	QPSK	23130	1RB#0	-37.13,-41.62	PASS
Band12	10MHz	QPSK	23130	1RB#49	-17.28,-23.40	PASS
Band12	10MHz	QPSK	23130	50RB#0	-29.50,-32.39	PASS
Band12	10MHz	16QAM	23060	1RB#0	-24.38,-18.30	PASS
Band12	10MHz	16QAM	23060	1RB#49	-42.21,-37.90	PASS
Band12	10MHz	16QAM	23060	50RB#0	-30.42,-28.34	PASS
Band12	10MHz	16QAM	23130	1RB#0	-37.80,-42.50	PASS
Band12	10MHz	16QAM	23130	1RB#49	-18.07,-24.13	PASS
Band12	10MHz	16QAM	23130	50RB#0	-28.52,-30.75	PASS

Test Graphs

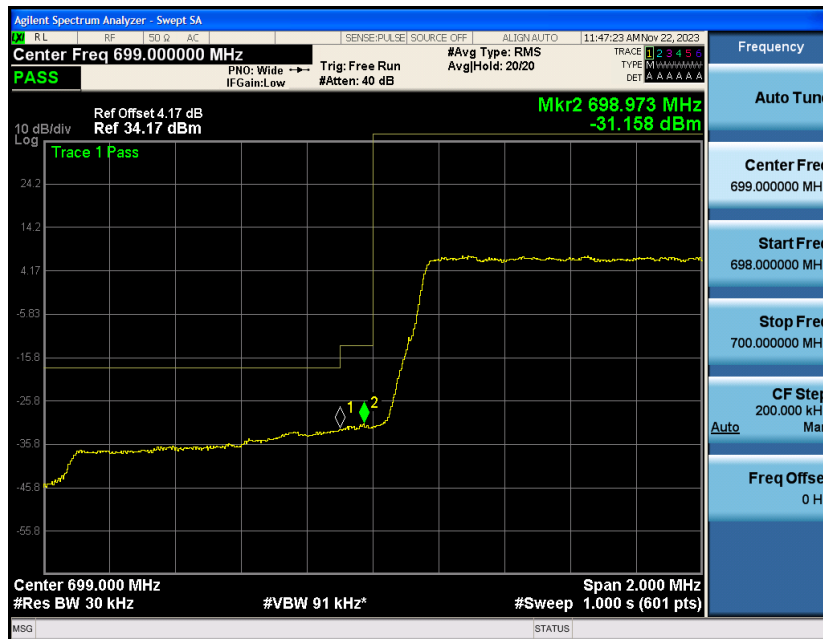
Band12-1.4MHz-QPSK-23017-1RB#0



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



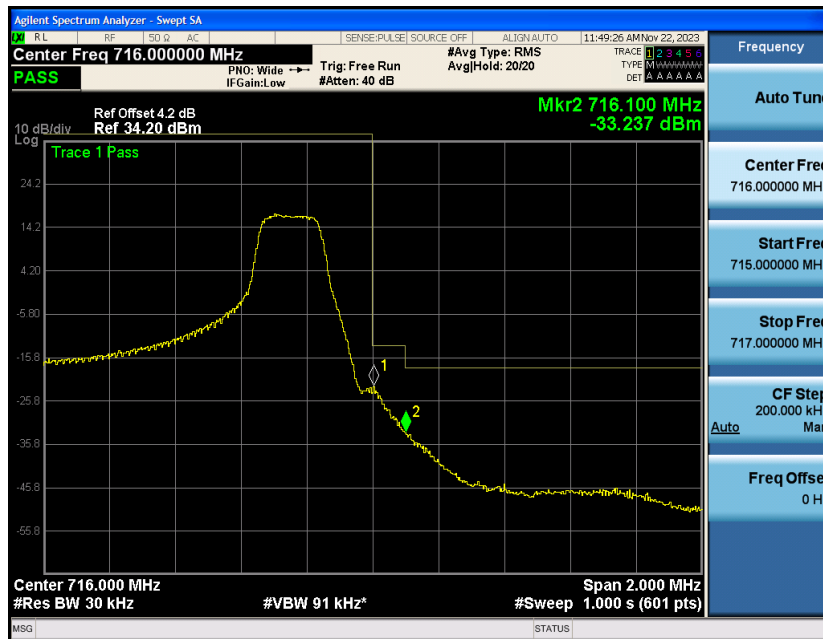
Band12-1.4MHz-QPSK-23017-6RB#0



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



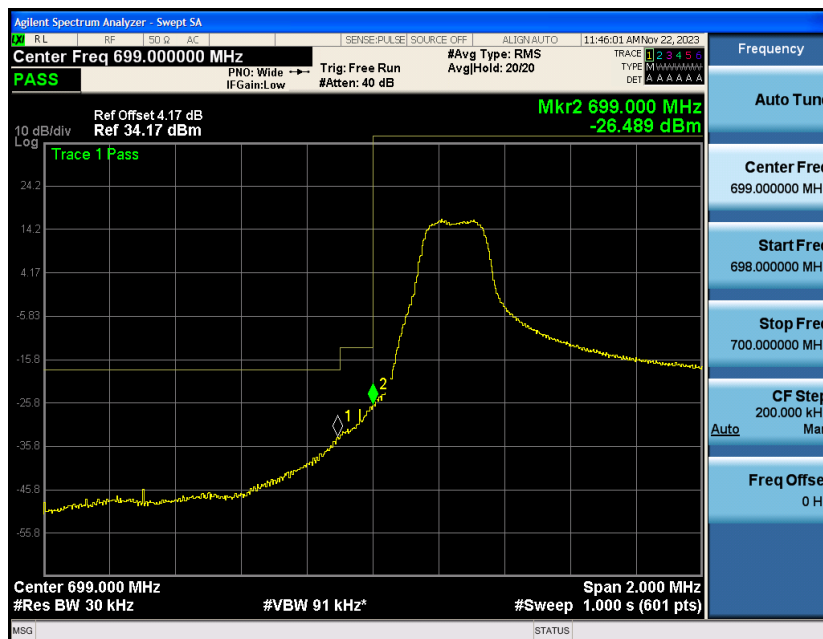
Band12-1.4MHz-QPSK-23173-1RB#5



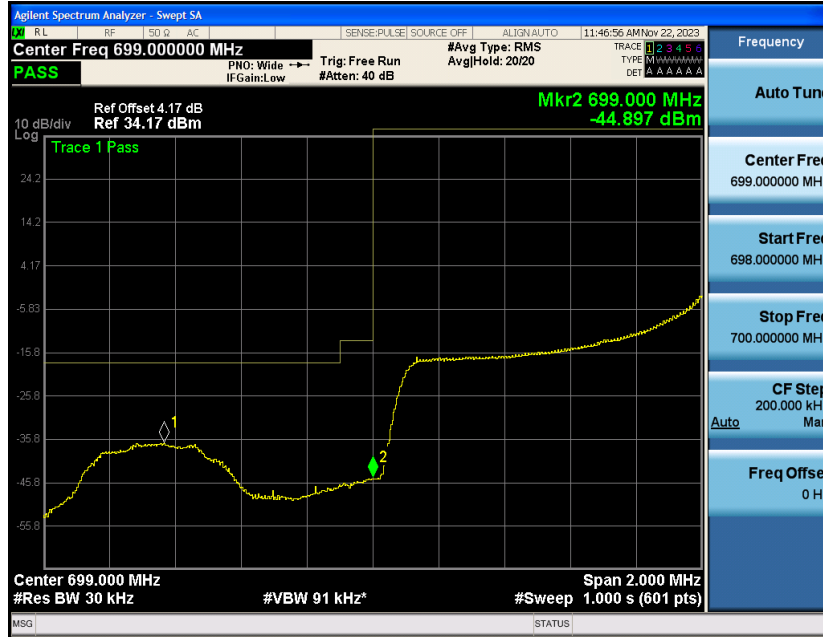
Band12-1.4MHz-QPSK-23173-6RB#0



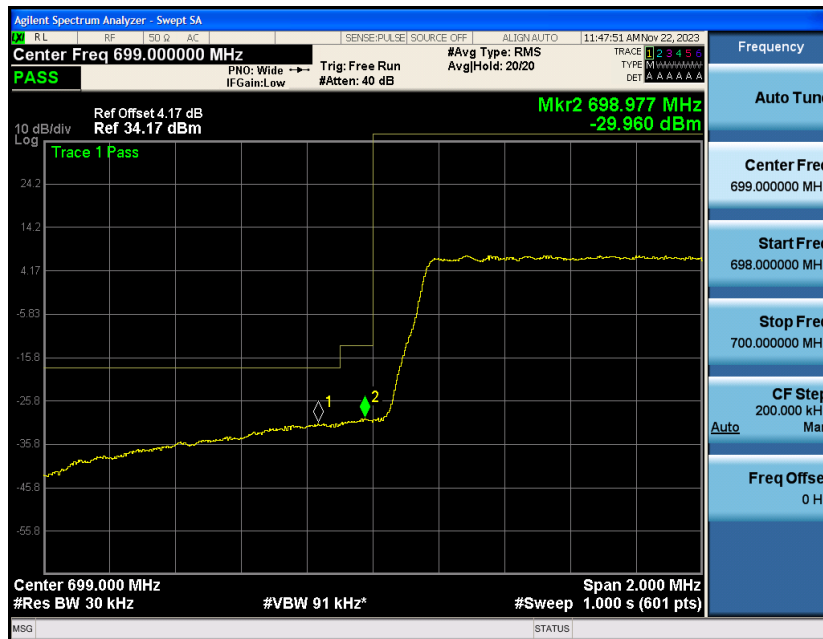
Band12-1.4MHz-16QAM-23017-1RB#0



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



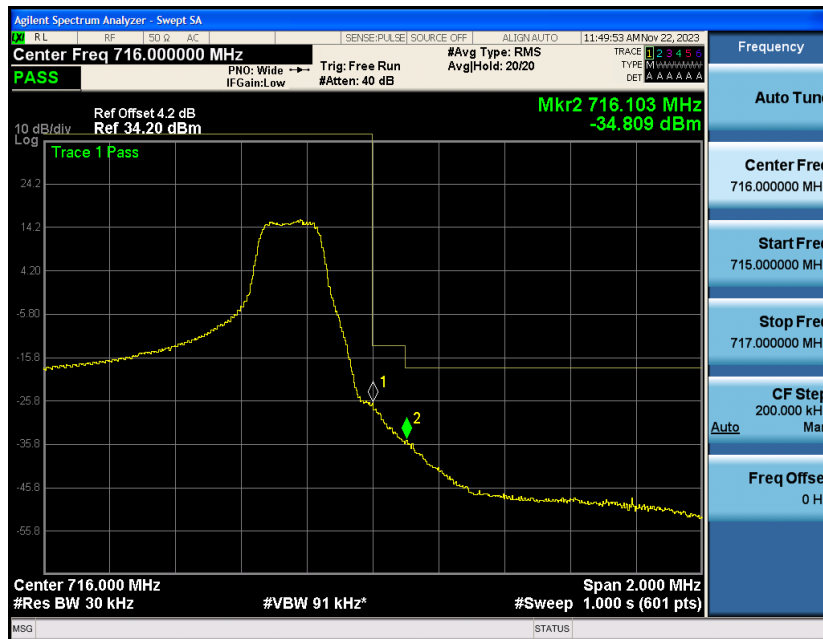
Band12-1.4MHz-16QAM-23017-6RB#0



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



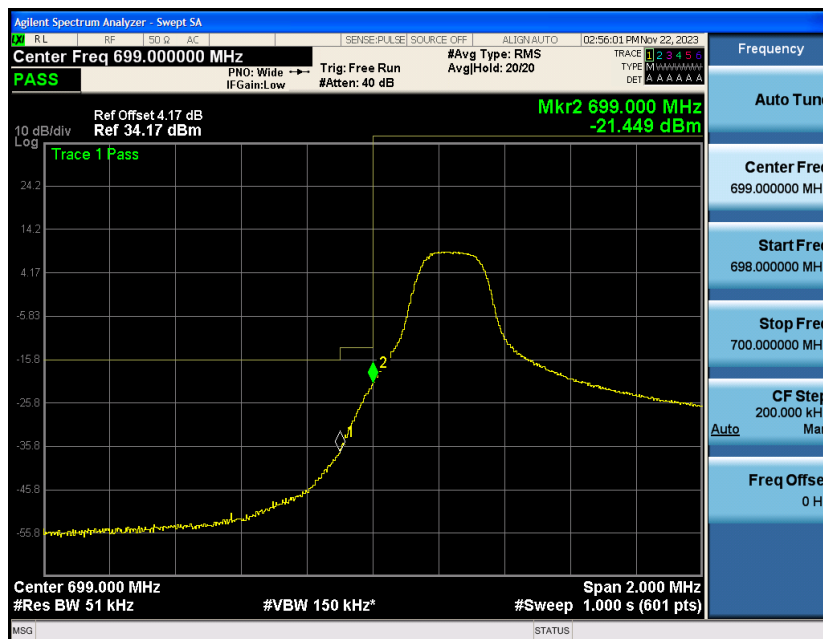
Band12-1.4MHz-16QAM-23173-1RB#5



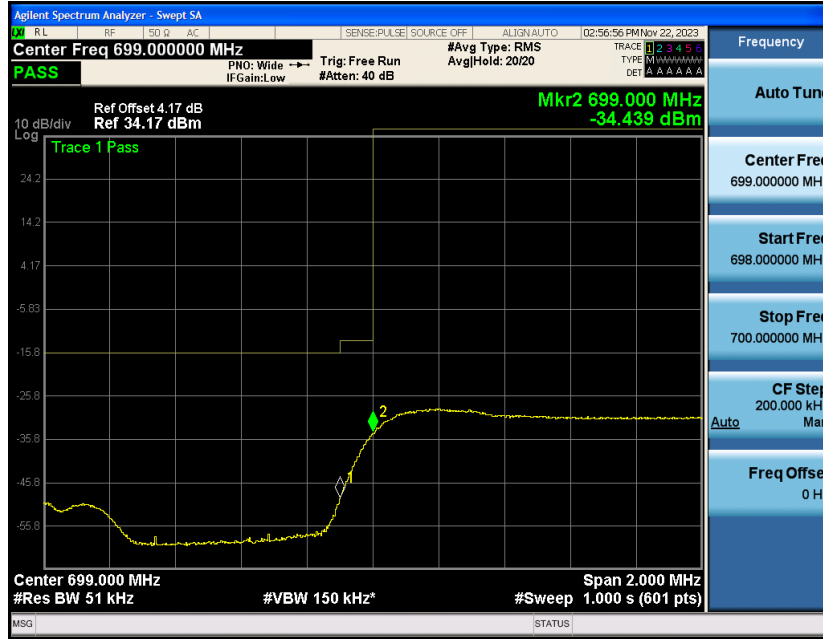
Band12-1.4MHz-16QAM-23173-6RB#0



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



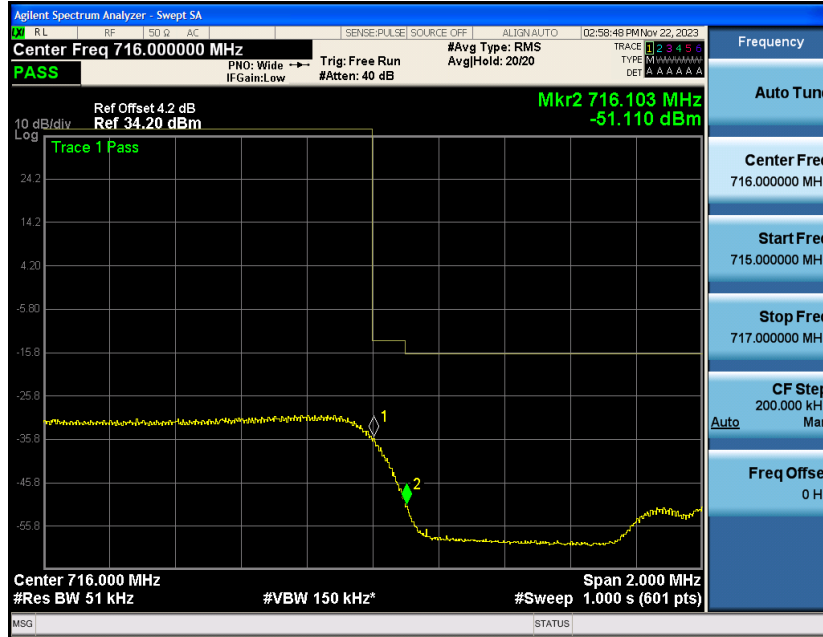
Band12-3MHz-QPSK-23025-1RB#14



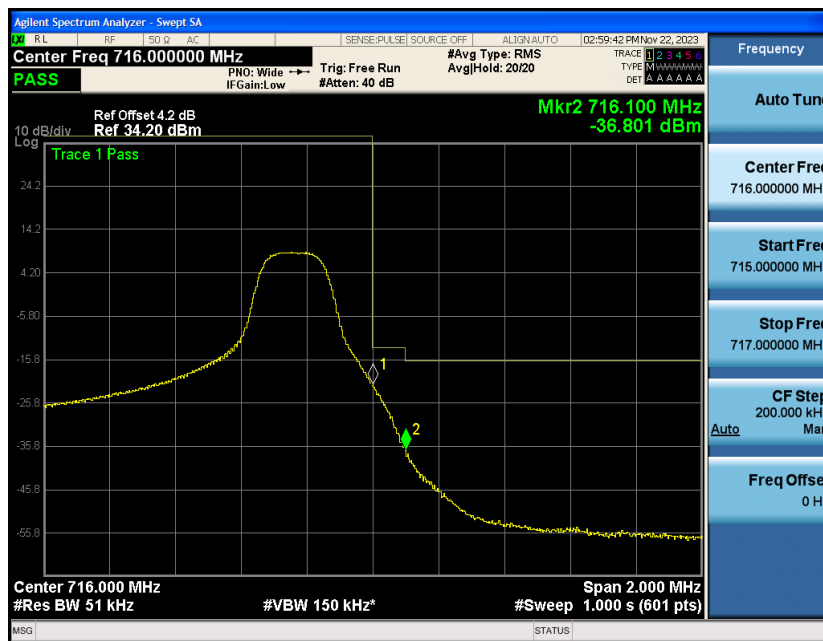
Band12-3MHz-QPSK-23025-15RB#0



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



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



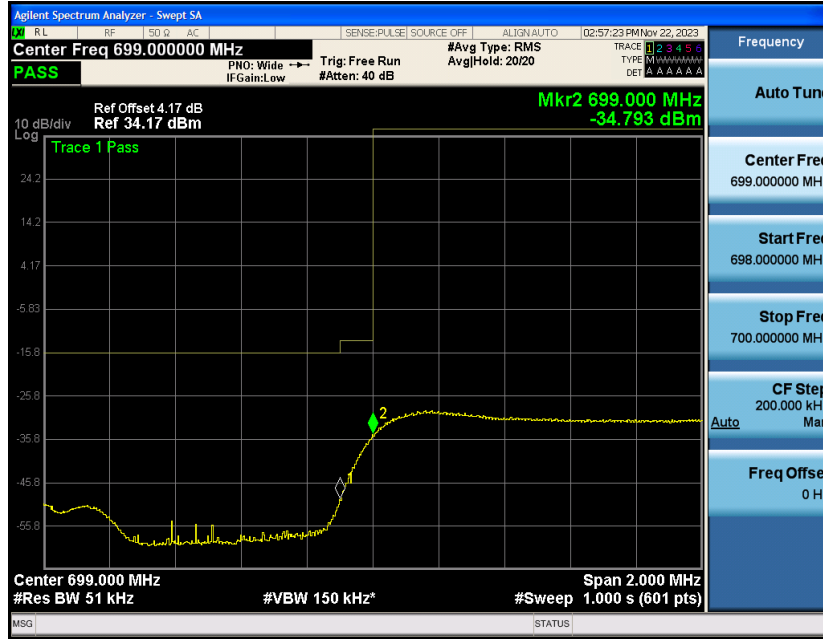
Band12-3MHz-QPSK-23165-15RB#0



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



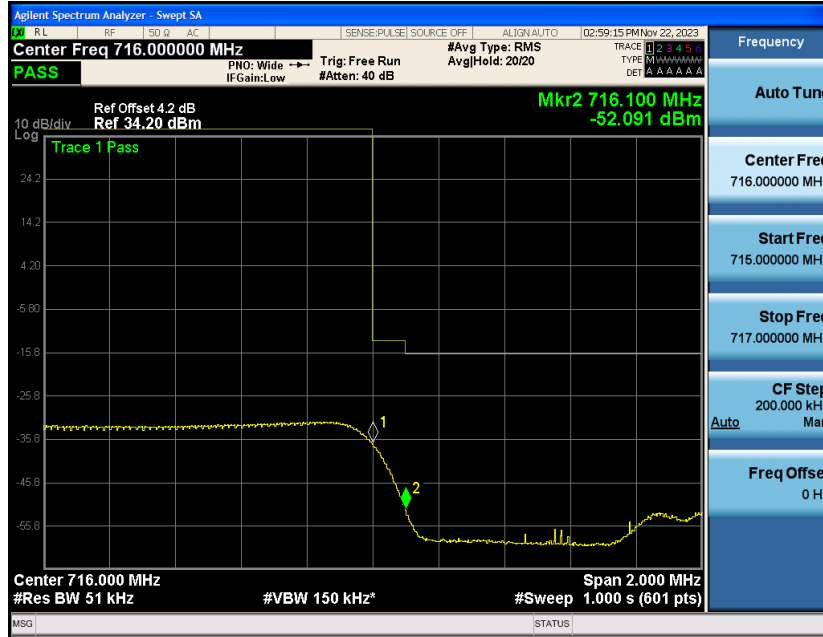
Band12-3MHz-16QAM-23025-1RB#14



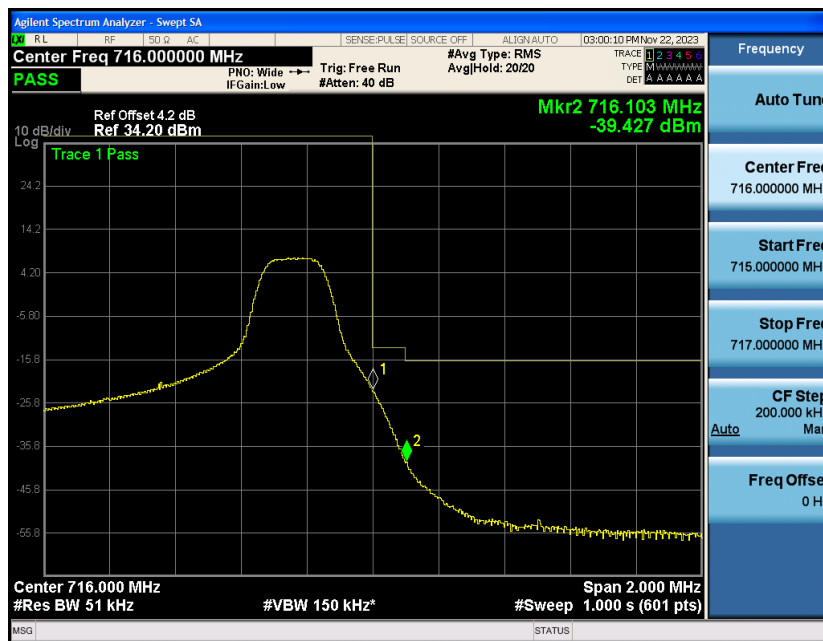
Band12-3MHz-16QAM-23025-15RB#0



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



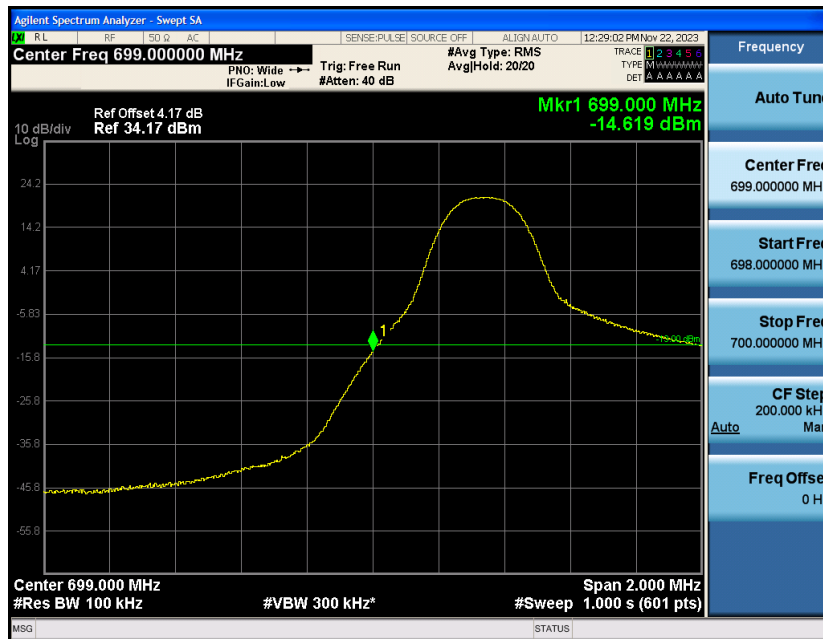
Band12-3MHz-16QAM-23165-1RB#14



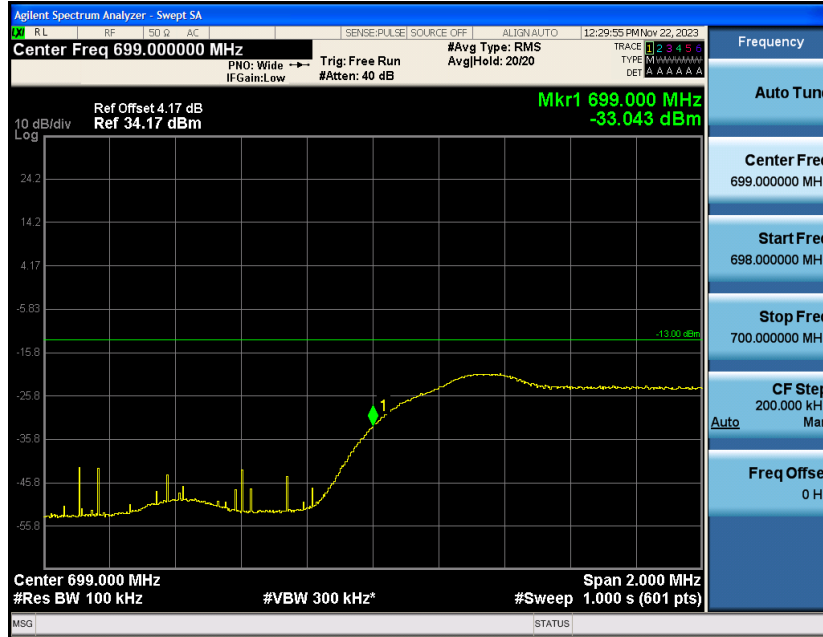
Band12-3MHz-16QAM-23165-15RB#0



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



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



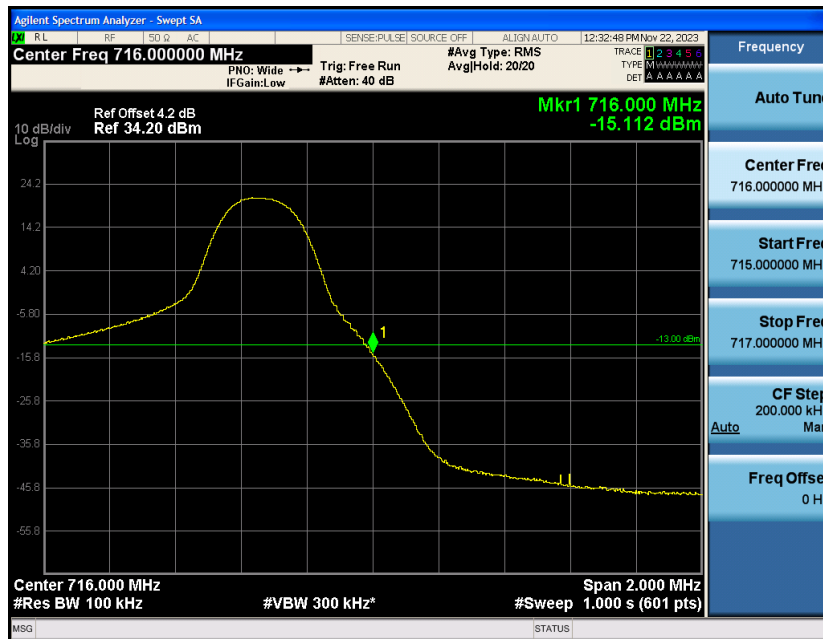
Band12-5MHz-QPSK-23035-25RB#0



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



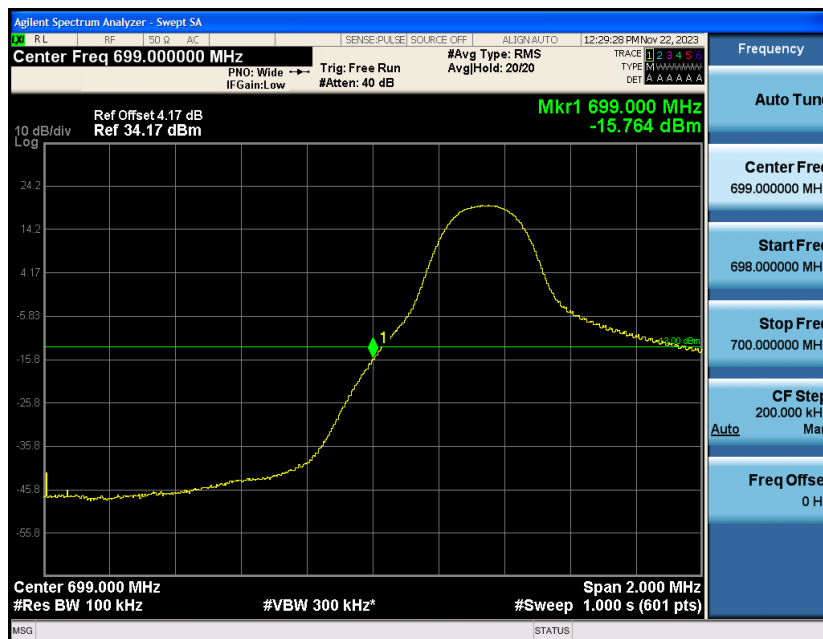
Band12-5MHz-QPSK-23155-1RB#24



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



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



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