

Appendix_H

RF Test Data for LTE_Band5 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

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	74
Appendix F: Frequency Stability.....	99
Test Result.....	99
Appendix G: Modulation Characteristics	104
Test Result.....	104
Test Graphs	105

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
Band5	1.4MHz	QPSK	20407	1RB#0	22.60	19.16	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.64	19.2	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.56	19.12	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.65	19.21	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.66	19.22	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.66	19.22	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.59	18.15	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.41	18.97	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.56	19.12	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.48	19.04	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.66	19.22	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.65	19.21	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.65	19.21	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.60	18.16	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.55	19.11	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.74	19.3	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.65	19.21	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.59	19.15	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	22.61	19.17	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.71	19.27	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.59	18.15	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.21	18.77	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.98	18.54	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.93	18.49	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.20	17.76	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.19	17.75	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.42	17.98	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.25	17.81	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.52	18.08	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.57	18.13	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	21.39	17.95	PASS

Band5	1.4MHz	16QAM	20525	3RB#0	21.36	17.92	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.38	17.94	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.37	17.93	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.73	17.29	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.01	18.57	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.92	18.48	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.90	18.46	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.13	17.69	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.31	17.87	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.38	17.94	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.79	17.35	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.61	19.17	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.63	19.19	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.62	19.18	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.76	18.32	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.68	18.24	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.75	18.31	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.73	18.29	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.70	19.26	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.65	19.21	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.73	19.29	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.56	18.12	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.57	18.13	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.68	18.24	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.58	18.14	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.76	19.32	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.75	19.31	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.76	19.32	PASS
Band5	3MHz	QPSK	20635	8RB#0	21.79	18.35	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.66	18.22	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.85	18.41	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.72	18.28	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.22	17.78	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.26	17.82	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.13	17.69	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.25	17.81	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.29	17.85	PASS

Band5	3MHz	16QAM	20415	8RB#7	20.94	17.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.16	17.72	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.46	18.02	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.40	17.96	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.25	17.81	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.79	17.35	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.79	17.35	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.84	17.4	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.50	17.06	PASS
Band5	3MHz	16QAM	20635	1RB#0	21.63	18.19	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.52	18.08	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.60	18.16	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.76	17.32	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.89	17.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.83	17.39	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.68	17.24	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.54	19.1	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.61	19.17	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.58	19.14	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.57	18.13	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.57	18.13	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.65	18.21	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.62	18.18	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.55	19.11	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.51	19.07	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.58	19.14	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.61	18.17	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.64	18.2	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.61	18.17	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.64	18.2	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.64	19.2	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.46	19.02	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.64	19.2	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.66	18.22	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.67	18.23	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.51	18.07	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.62	18.18	PASS

Band5	5MHz	16QAM	20425	1RB#0	20.83	17.39	PASS
Band5	5MHz	16QAM	20425	1RB#12	20.96	17.52	PASS
Band5	5MHz	16QAM	20425	1RB#24	20.92	17.48	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.03	17.59	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.02	17.58	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.66	17.22	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.71	17.27	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.49	18.05	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.48	18.04	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.50	18.06	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.63	17.19	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.60	17.16	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.60	17.16	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.48	17.04	PASS
Band5	5MHz	16QAM	20625	1RB#0	20.94	17.5	PASS
Band5	5MHz	16QAM	20625	1RB#12	20.94	17.5	PASS
Band5	5MHz	16QAM	20625	1RB#24	20.90	17.46	PASS
Band5	5MHz	16QAM	20625	12RB#0	20.60	17.16	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.60	17.16	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.46	17.02	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.61	17.17	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.52	19.08	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.47	19.03	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.59	19.15	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.67	18.23	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.56	18.12	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.75	18.31	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.54	18.1	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.55	19.11	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.57	19.13	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.53	19.09	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.61	18.17	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.50	18.06	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.63	18.19	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.57	18.13	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.63	19.19	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.47	19.03	PASS

Band5	10MHz	QPSK	20600	1RB#49	22.69	19.25	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.65	18.21	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.69	18.25	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.55	18.11	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.57	18.13	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.29	17.85	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.38	17.94	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.54	18.1	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.57	17.13	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.58	17.14	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.60	17.16	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.09	17.65	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.23	17.79	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.11	17.67	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.43	17.99	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.70	17.26	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.68	17.24	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.58	17.14	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.46	17.02	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.43	17.99	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.58	18.14	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.65	18.21	PASS
Band5	10MHz	16QAM	20600	25RB#0	20.78	17.34	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.68	17.24	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.62	17.18	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.65	17.21	PASS

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

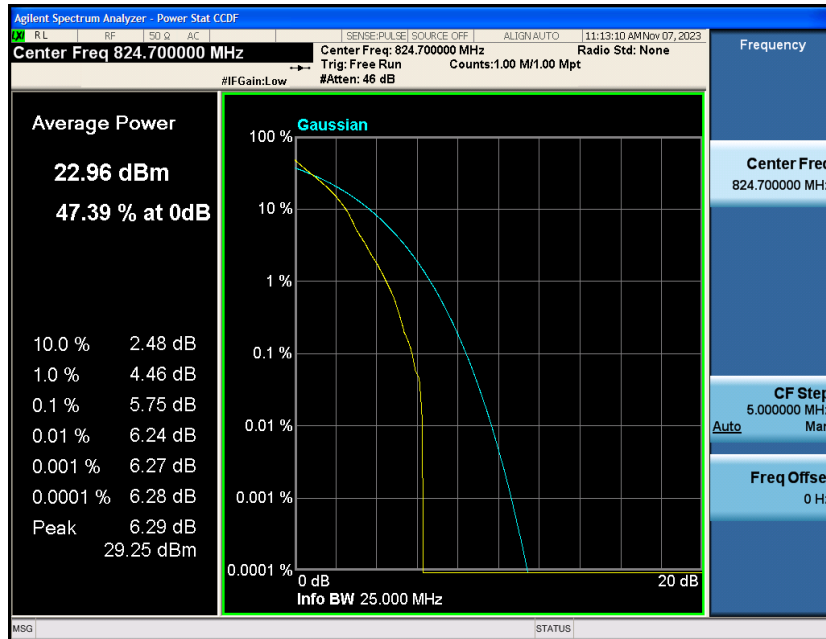
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	5.75	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.67	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	5.26	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.50	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	5.19	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.38	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	6.35	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.23	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.84	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.30	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.90	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.29	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.48	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.77	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	5.16	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.57	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	5.03	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.41	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	6.52	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.40	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.90	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.37	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.77	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.30	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.77	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.69	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.43	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.56	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	5.06	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.40	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	6.44	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.35	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	6.01	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.37	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.70	13	PASS

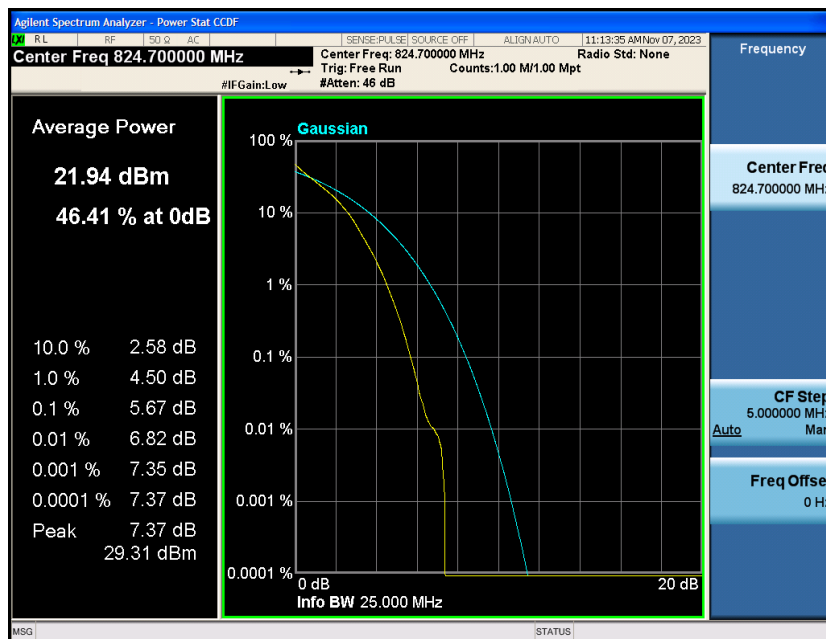
Band5	5MHz	16QAM	20625	25RB#0	6.13	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	5.55	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.72	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	5.15	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.58	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	5.43	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.60	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	6.38	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.36	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.94	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.36	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	6.44	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.35	13	PASS

Test Graphs

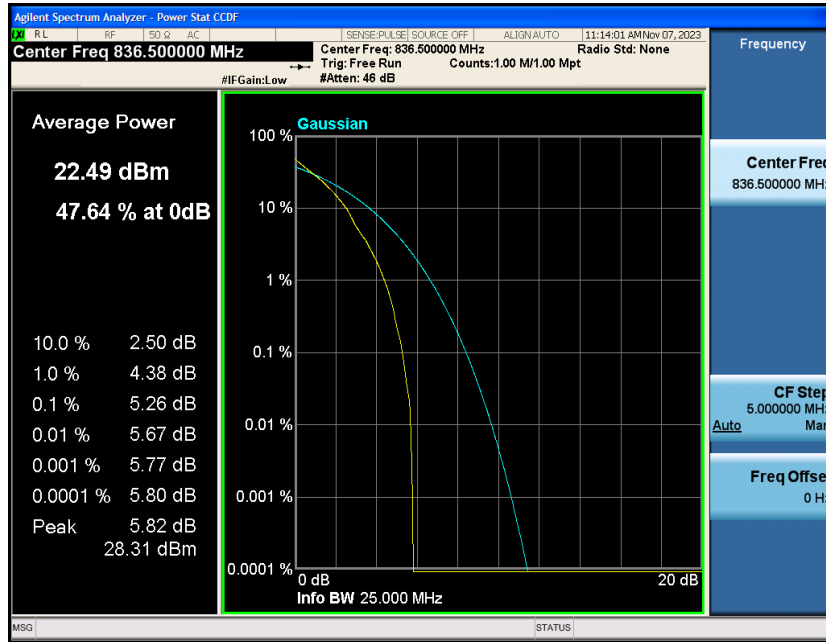
Band5-1.4MHz-QPSK-20407-1RB#0



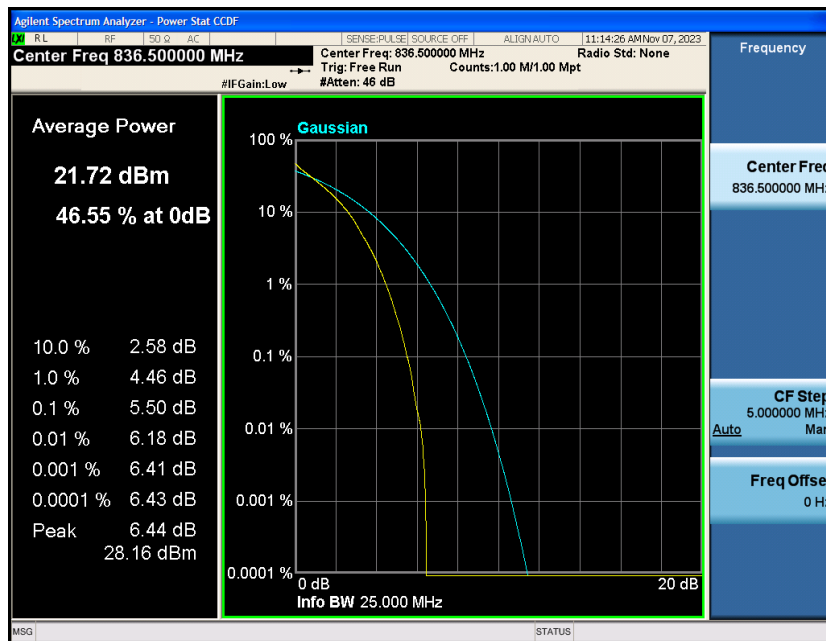
Band5-1.4MHz-QPSK-20407-6RB#0



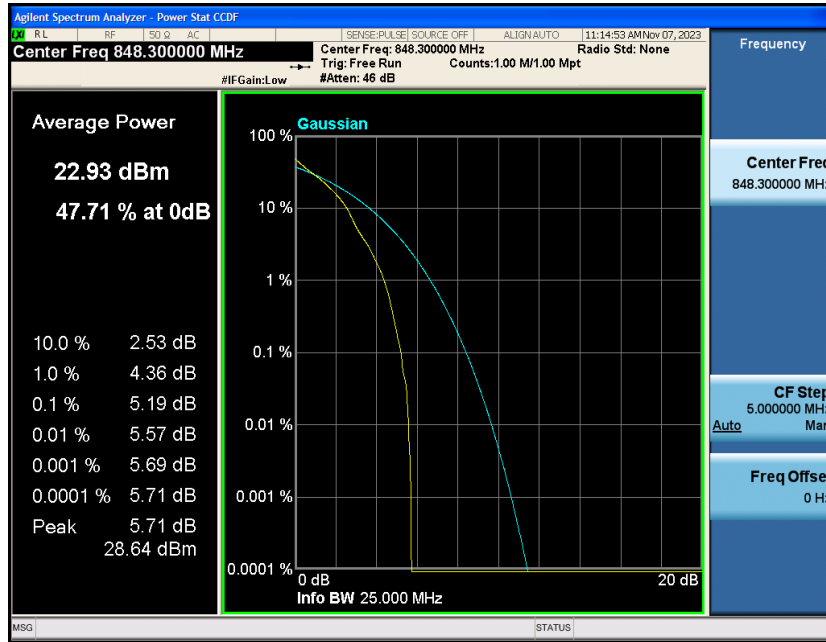
Band5-1.4MHz-QPSK-20525-1RB#0



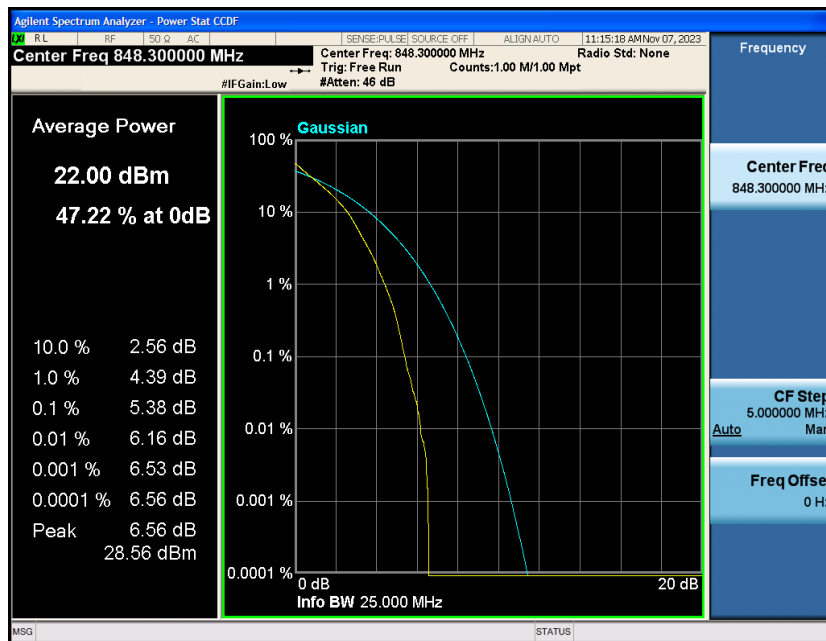
Band5-1.4MHz-QPSK-20525-6RB#0



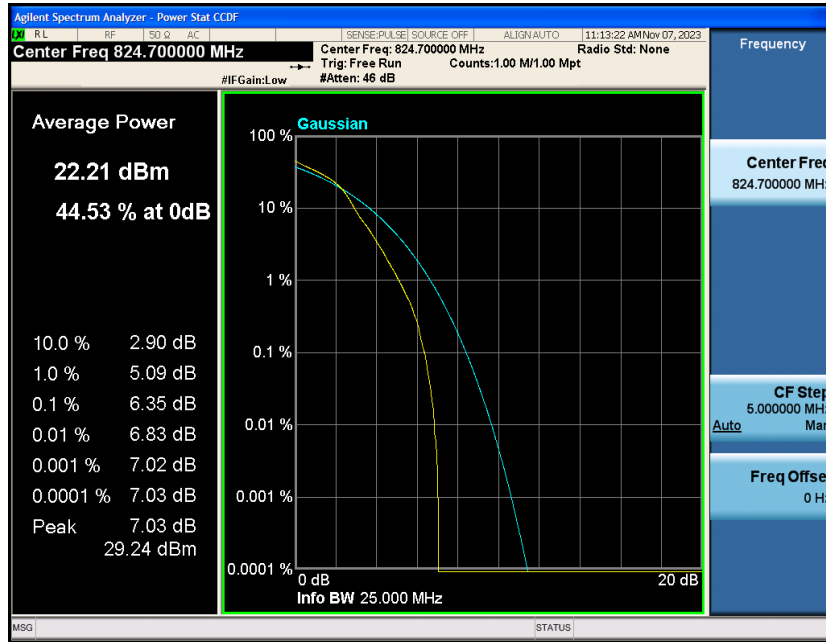
Band5-1.4MHz-QPSK-20643-1RB#0



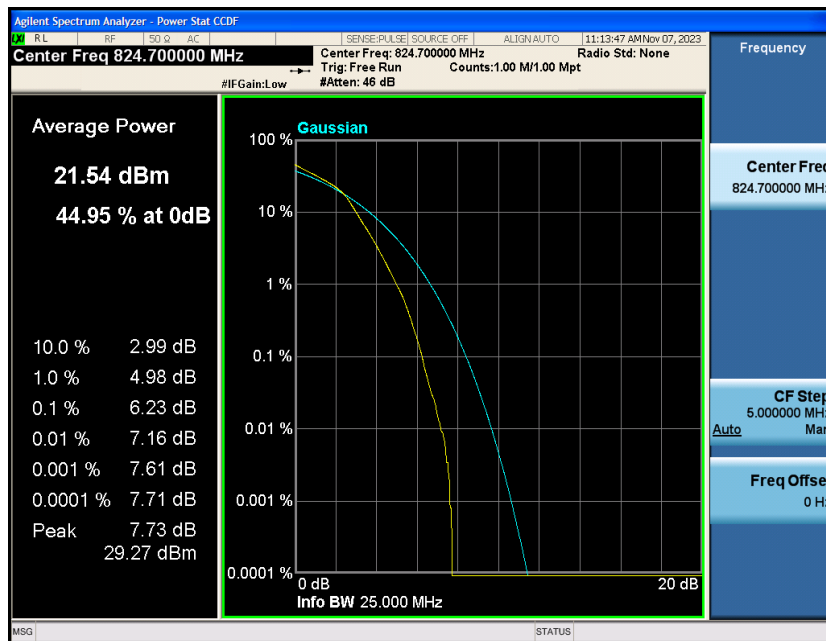
Band5-1.4MHz-QPSK-20643-6RB#0



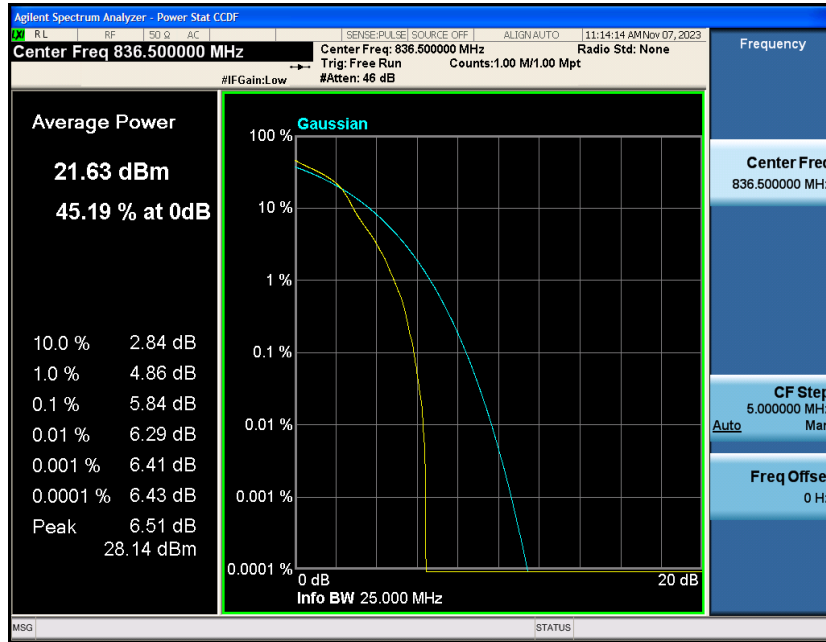
Band5-1.4MHz-16QAM-20407-1RB#0



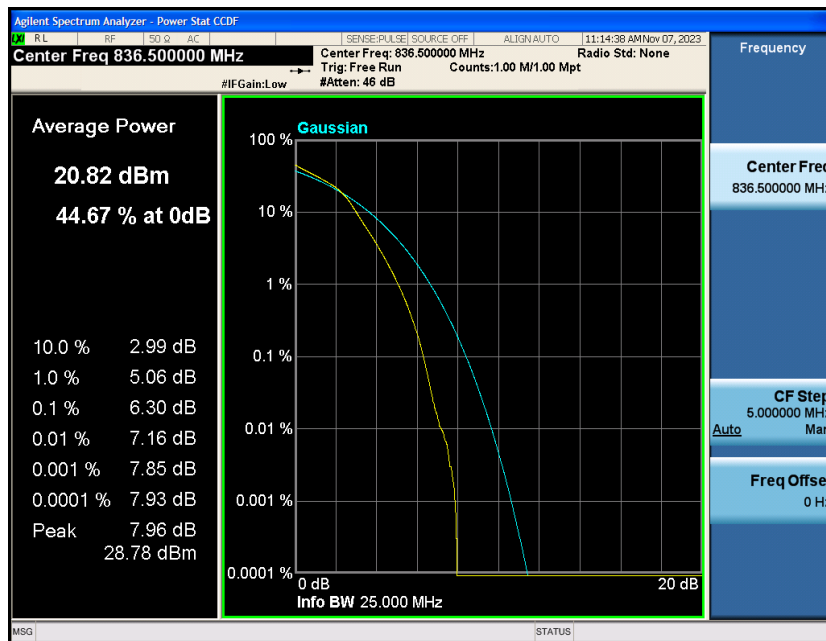
Band5-1.4MHz-16QAM-20407-6RB#0



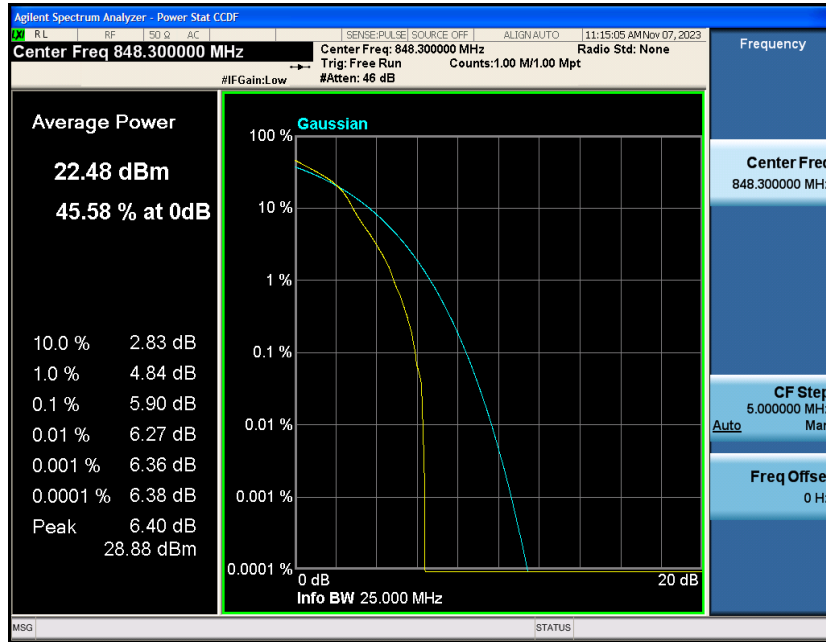
Band5-1.4MHz-16QAM-20525-1RB#0



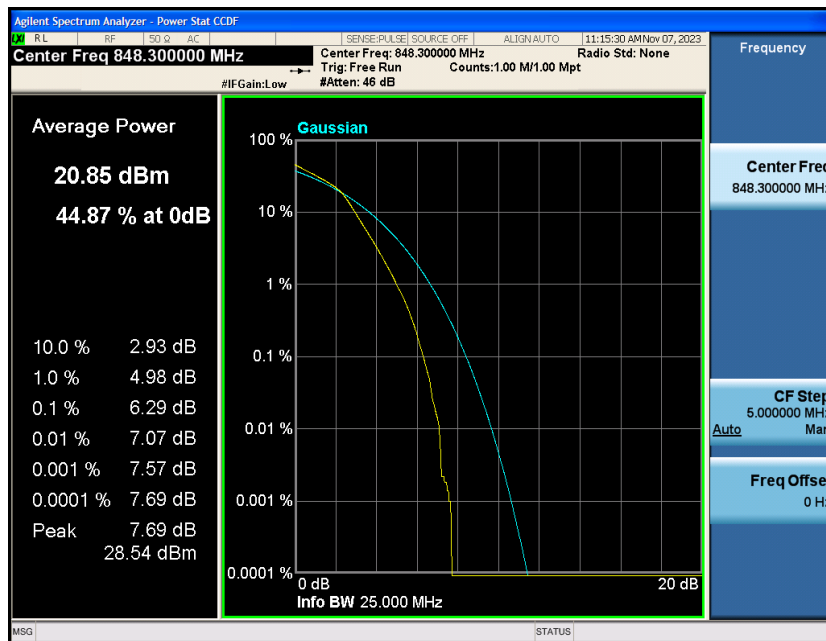
Band5-1.4MHz-16QAM-20525-6RB#0



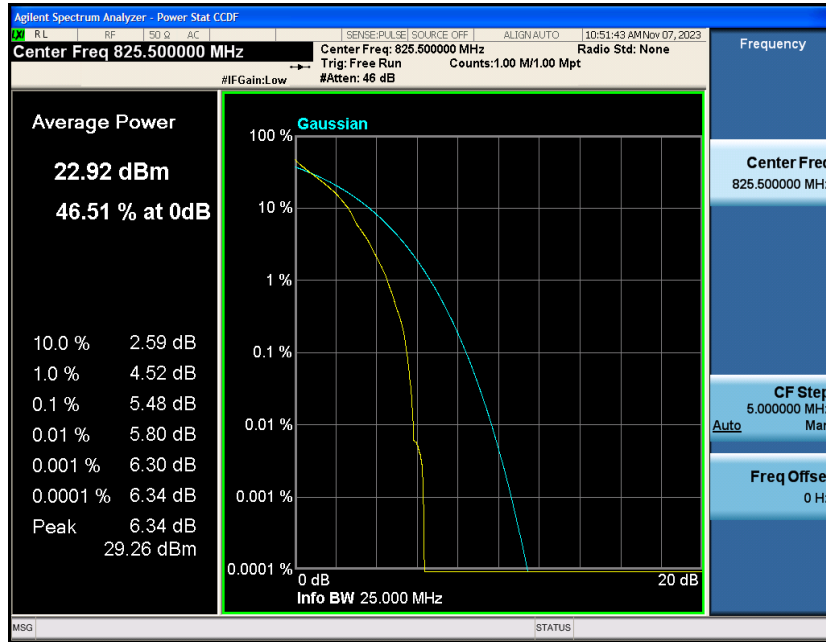
Band5-1.4MHz-16QAM-20643-1RB#0



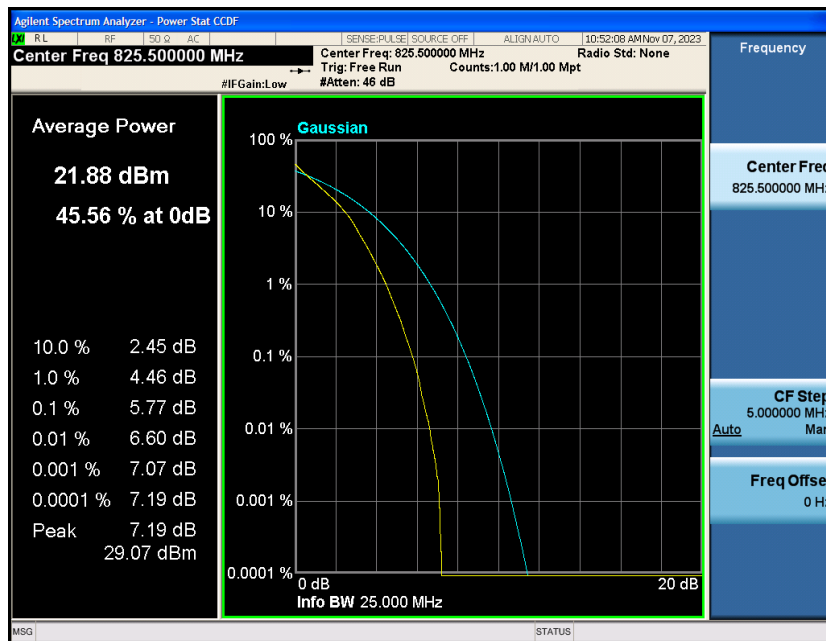
Band5-1.4MHz-16QAM-20643-6RB#0



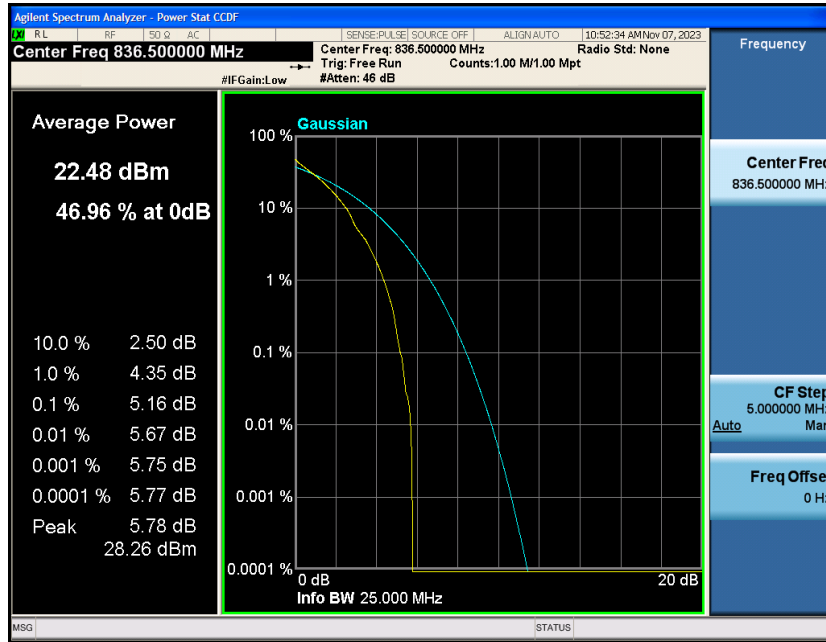
Band5-3MHz-QPSK-20415-1RB#0



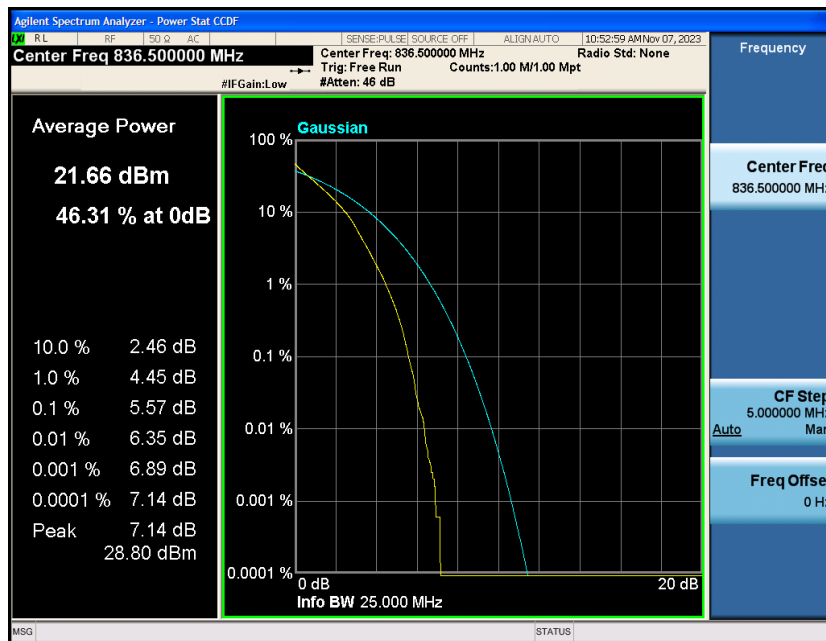
Band5-3MHz-QPSK-20415-15RB#0



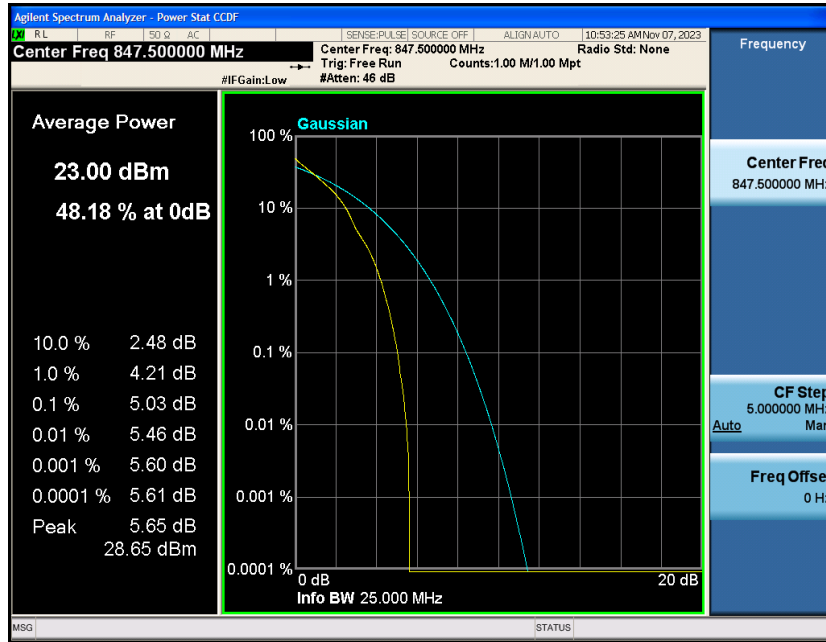
Band5-3MHz-QPSK-20525-1RB#0



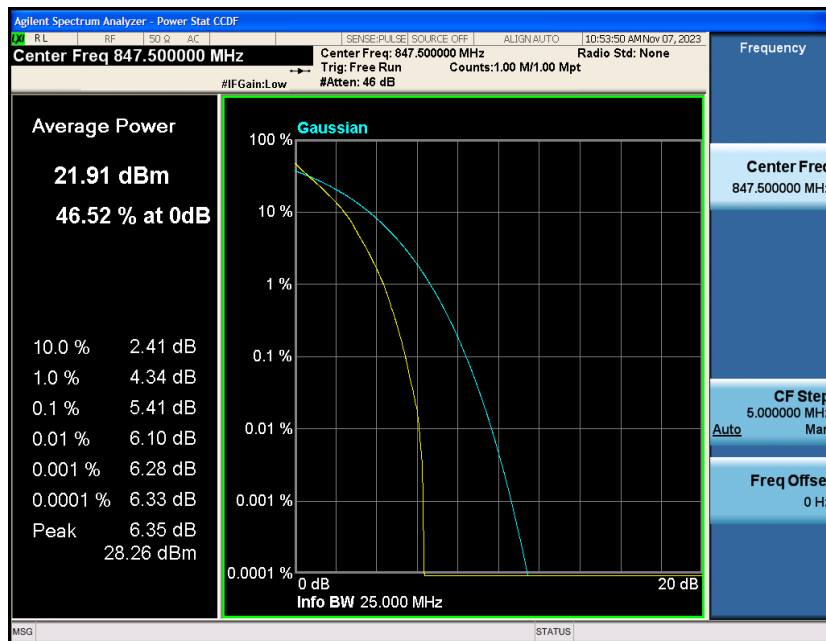
Band5-3MHz-QPSK-20525-15RB#0



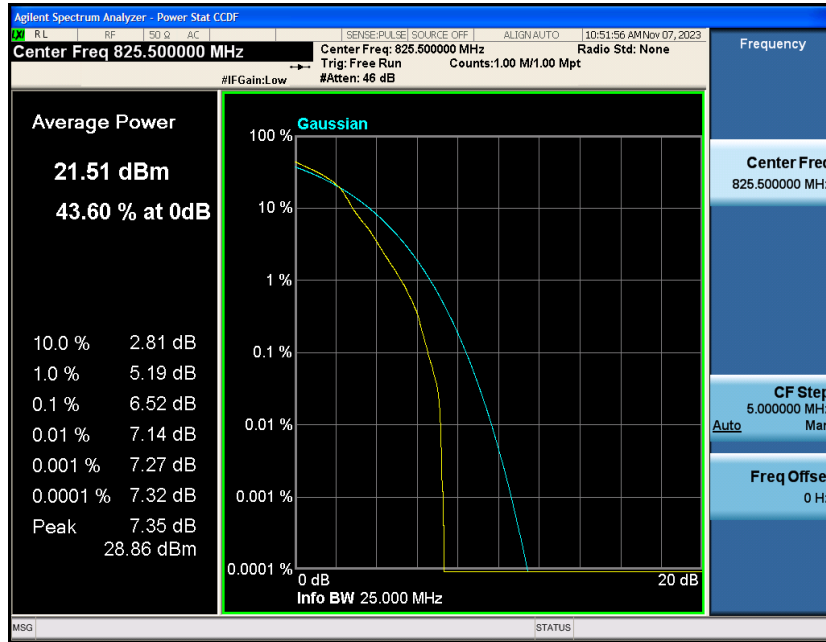
Band5-3MHz-QPSK-20635-1RB#0



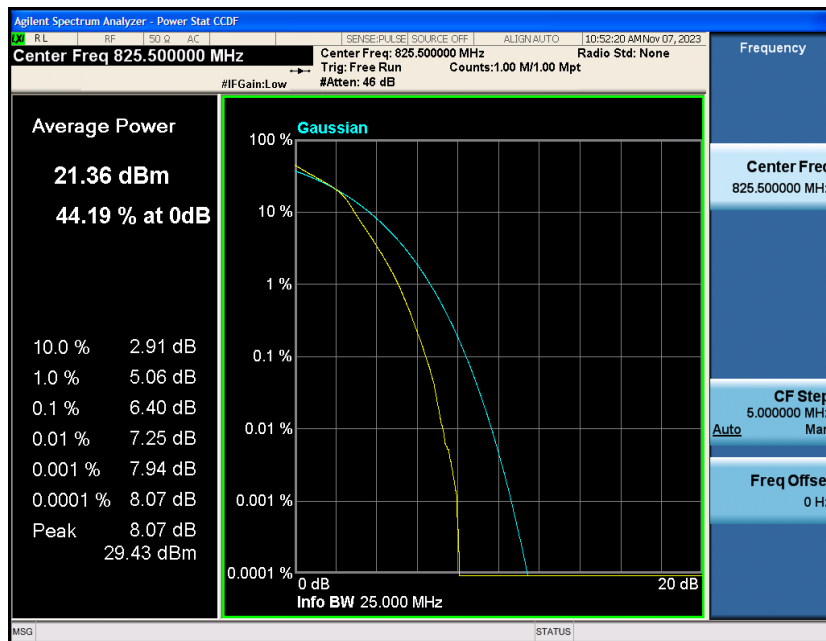
Band5-3MHz-QPSK-20635-15RB#0



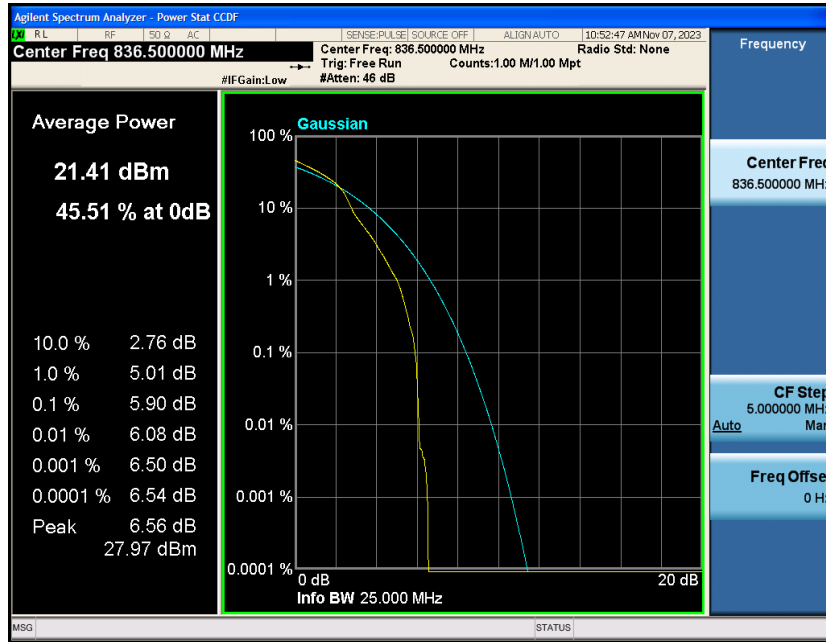
Band5-3MHz-16QAM-20415-1RB#0



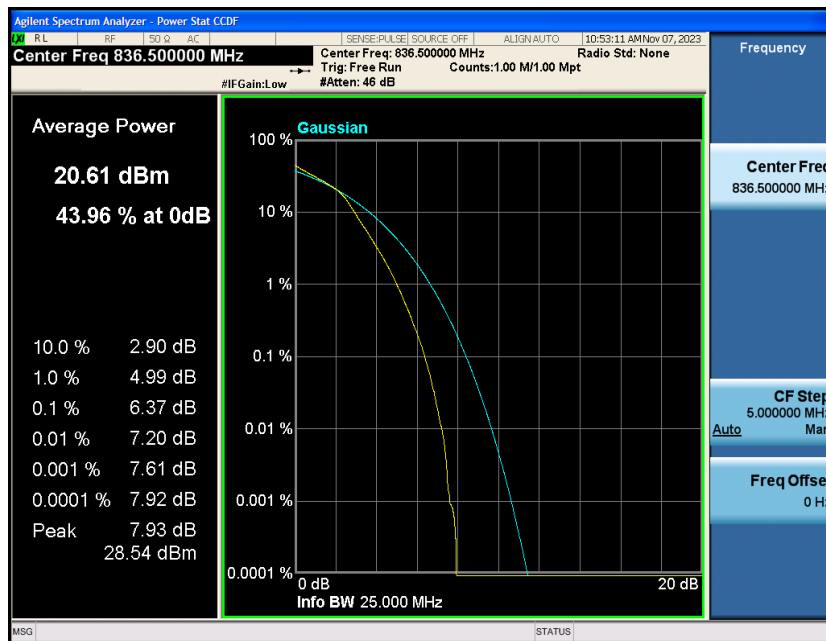
Band5-3MHz-16QAM-20415-15RB#0



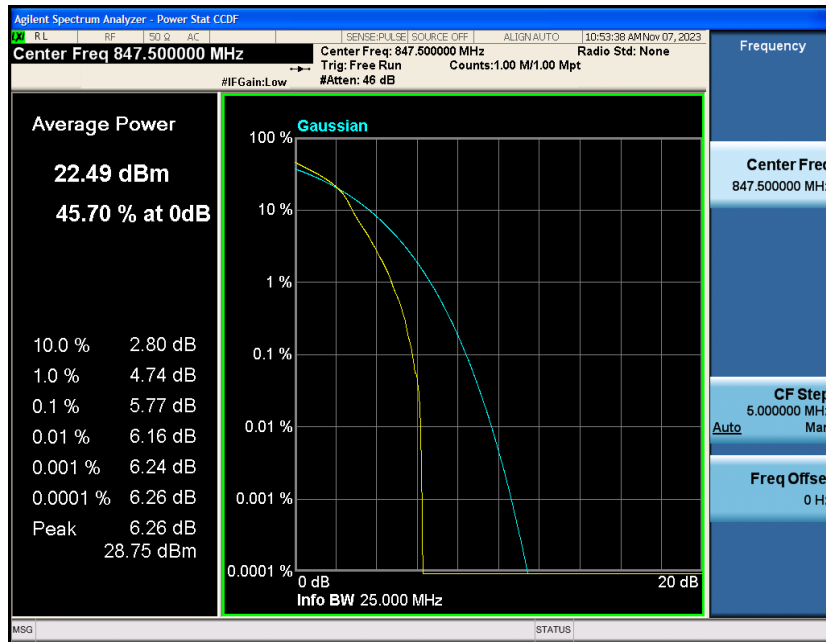
Band5-3MHz-16QAM-20525-1RB#0



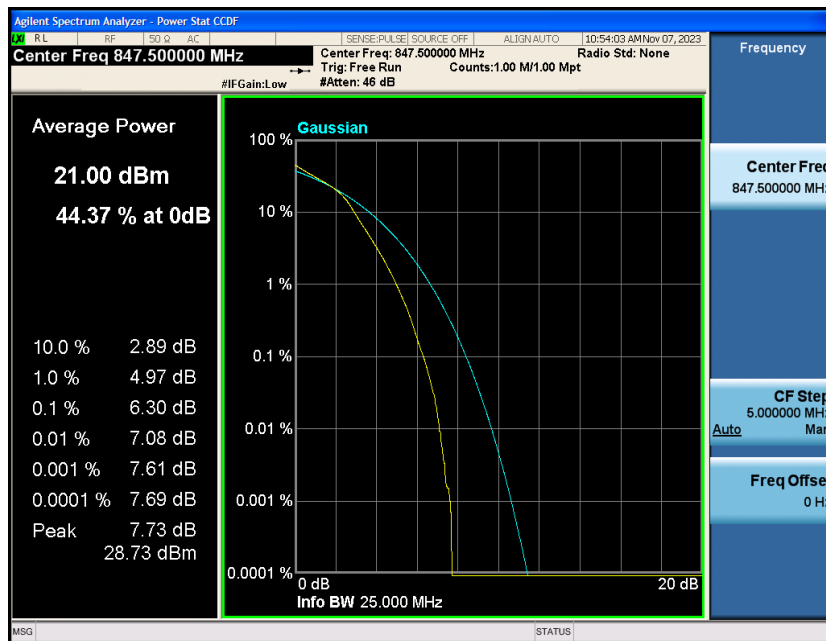
Band5-3MHz-16QAM-20525-15RB#0



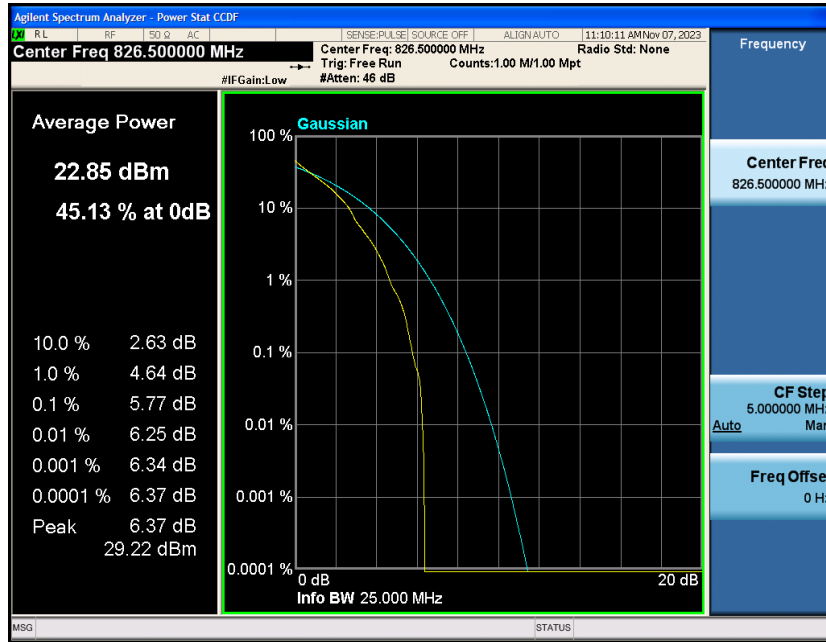
Band5-3MHz-16QAM-20635-1RB#0



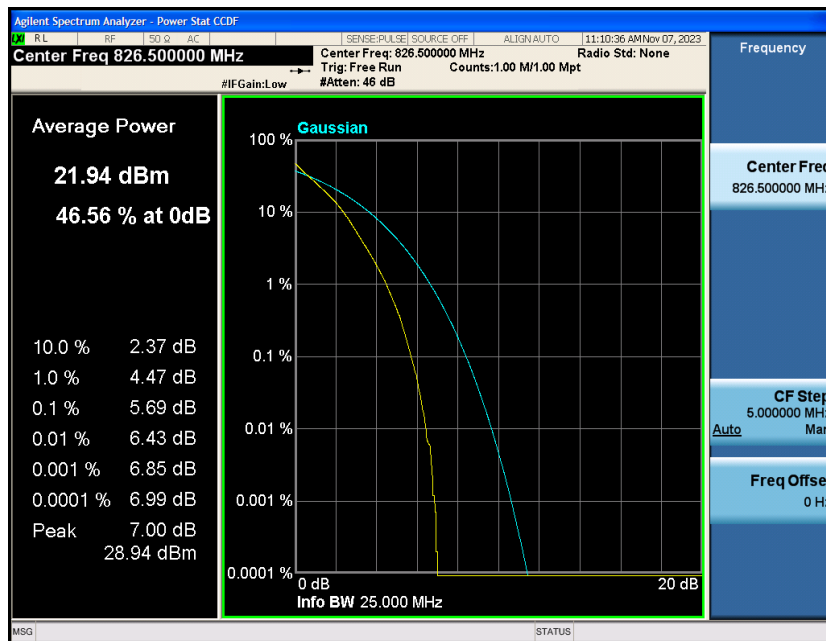
Band5-3MHz-16QAM-20635-15RB#0



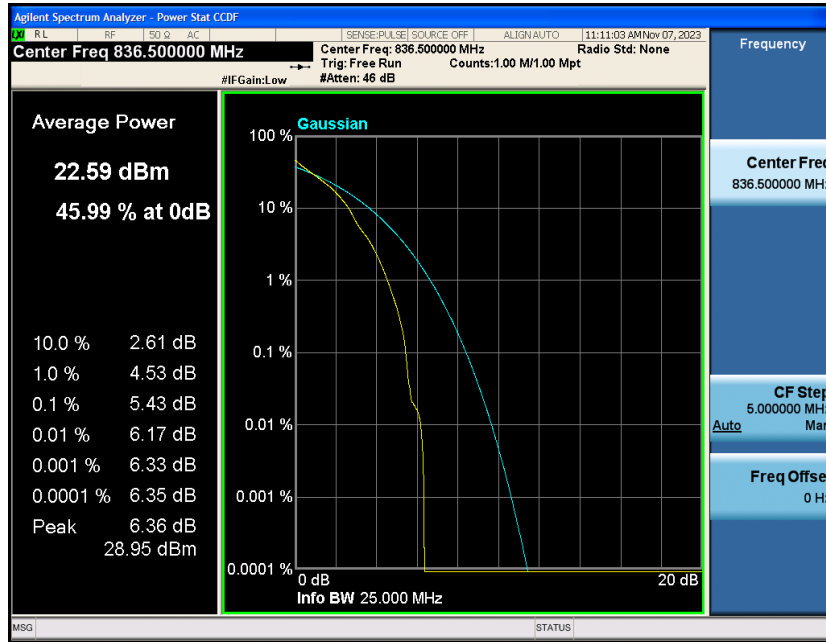
Band5-5MHz-QPSK-20425-1RB#0



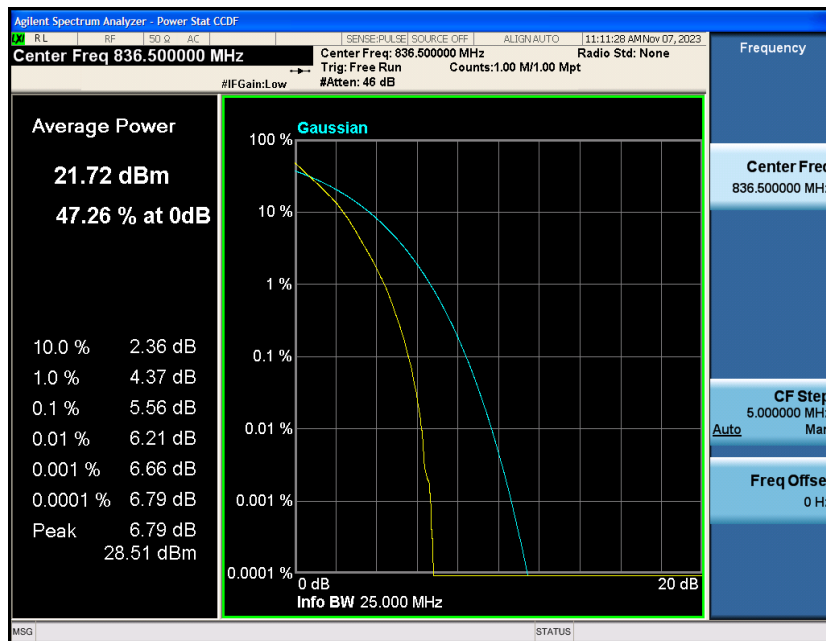
Band5-5MHz-QPSK-20425-25RB#0



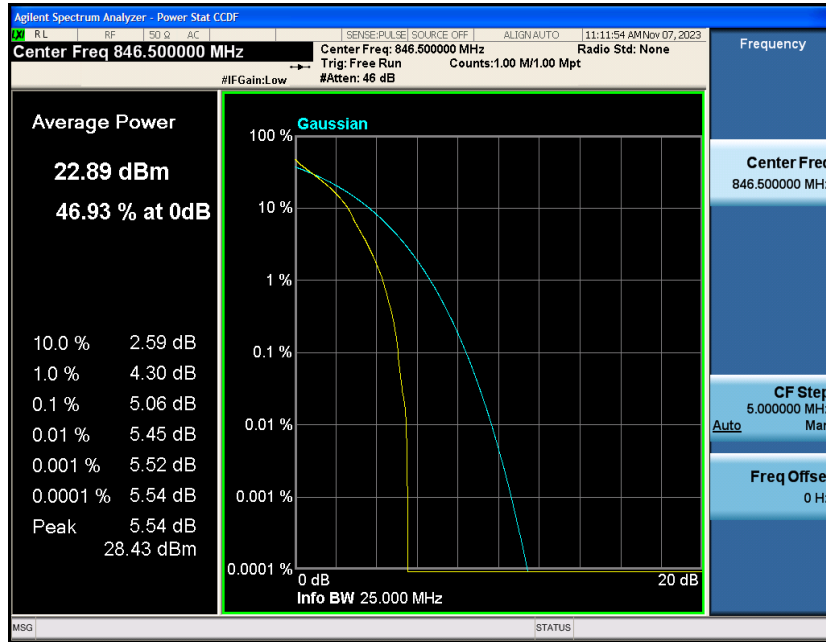
Band5-5MHz-QPSK-20525-1RB#0



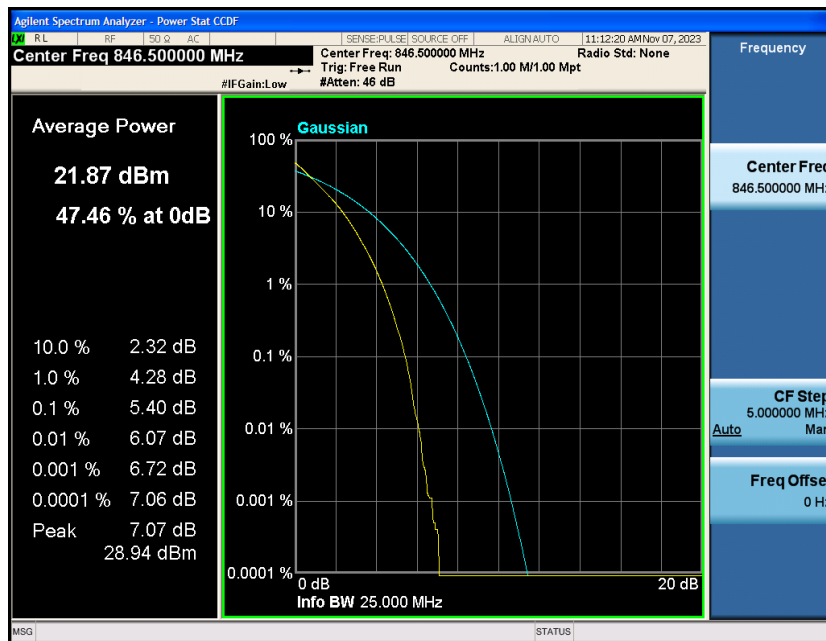
Band5-5MHz-QPSK-20525-25RB#0



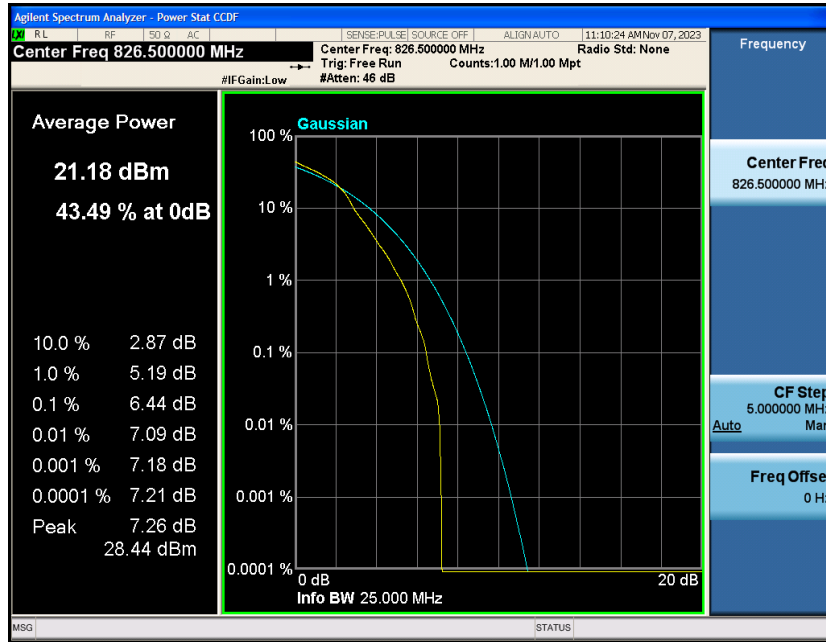
Band5-5MHz-QPSK-20625-1RB#0



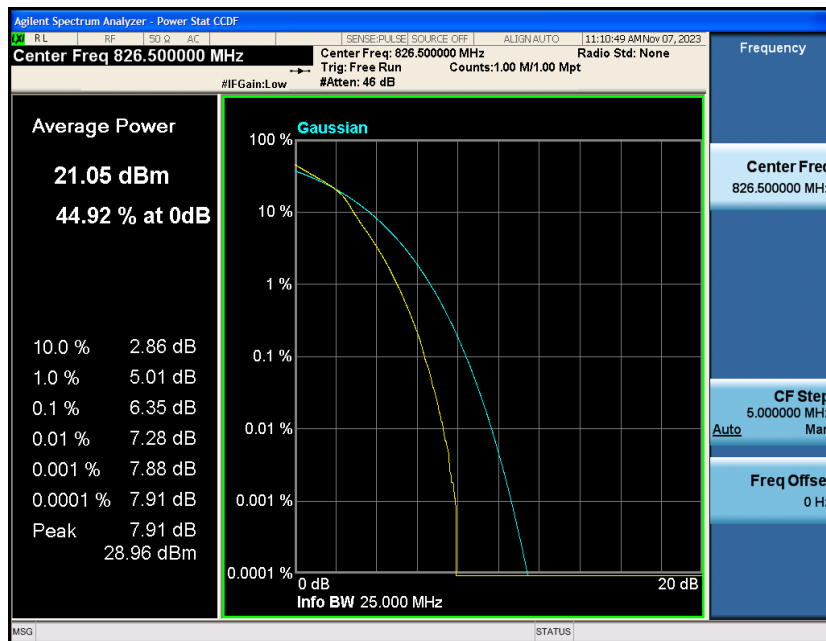
Band5-5MHz-QPSK-20625-25RB#0



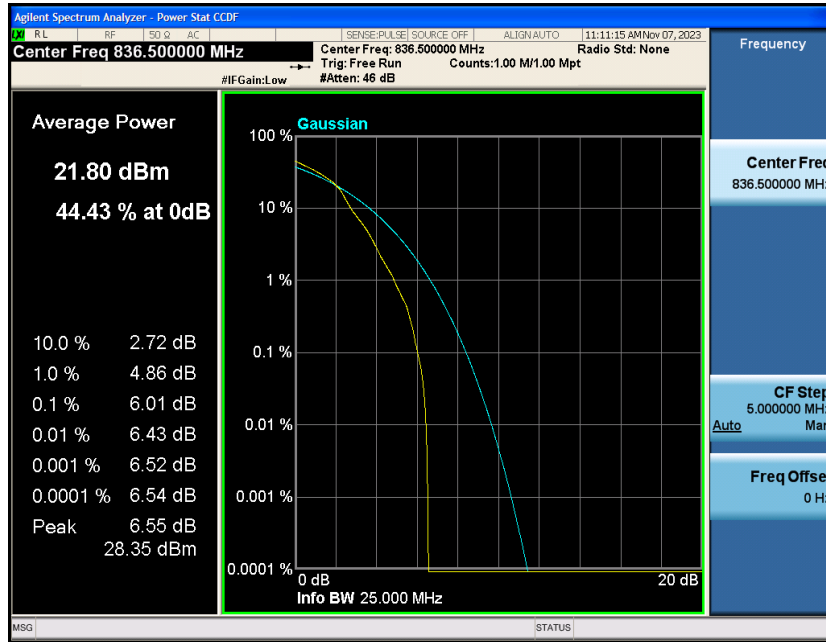
Band5-5MHz-16QAM-20425-1RB#0



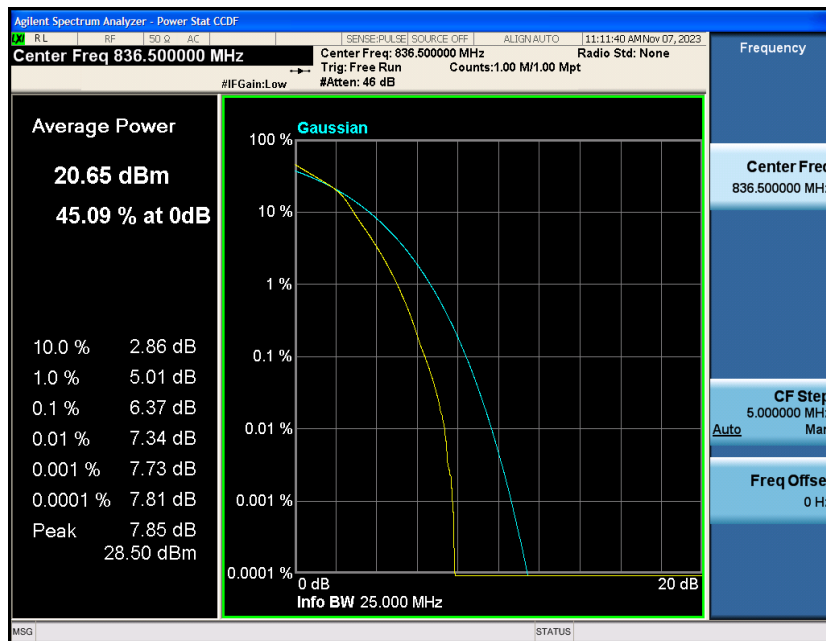
Band5-5MHz-16QAM-20425-25RB#0



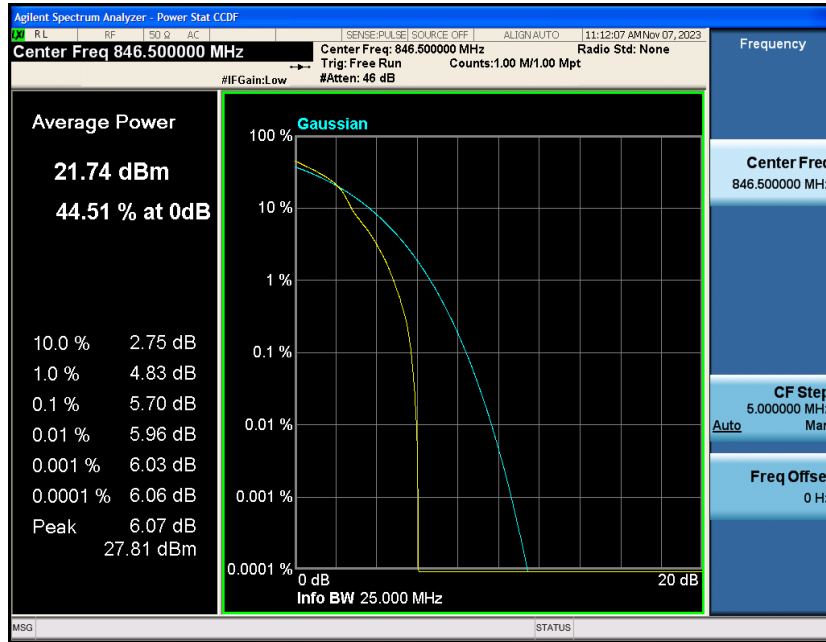
Band5-5MHz-16QAM-20525-1RB#0



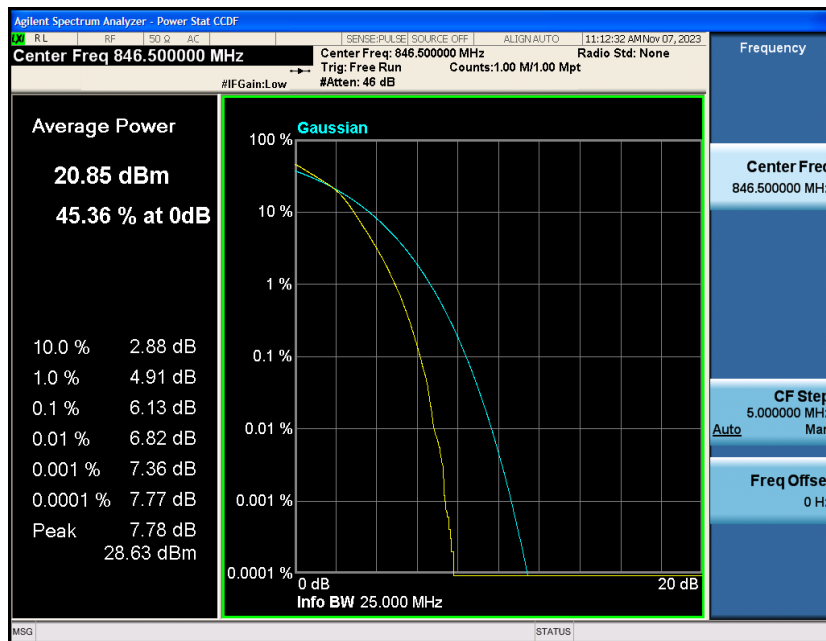
Band5-5MHz-16QAM-20525-25RB#0



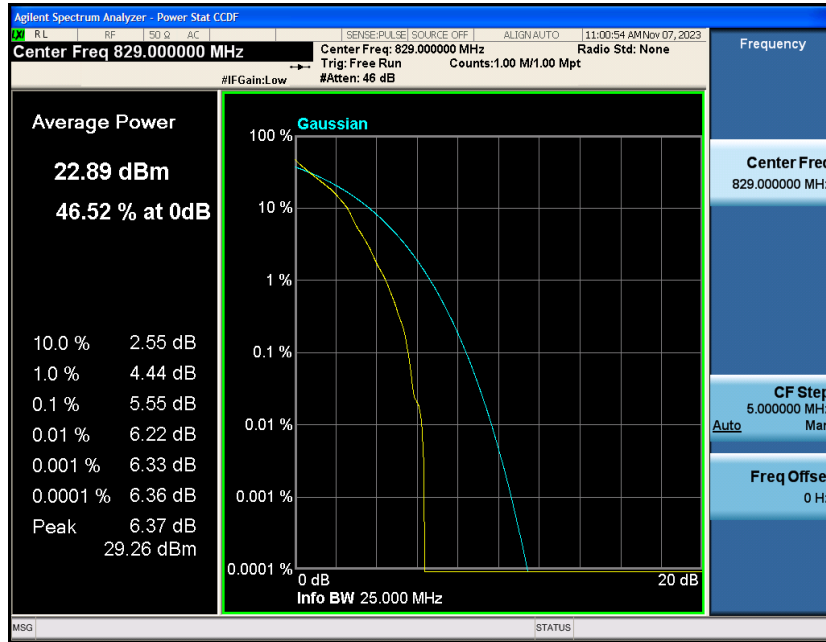
Band5-5MHz-16QAM-20625-1RB#0



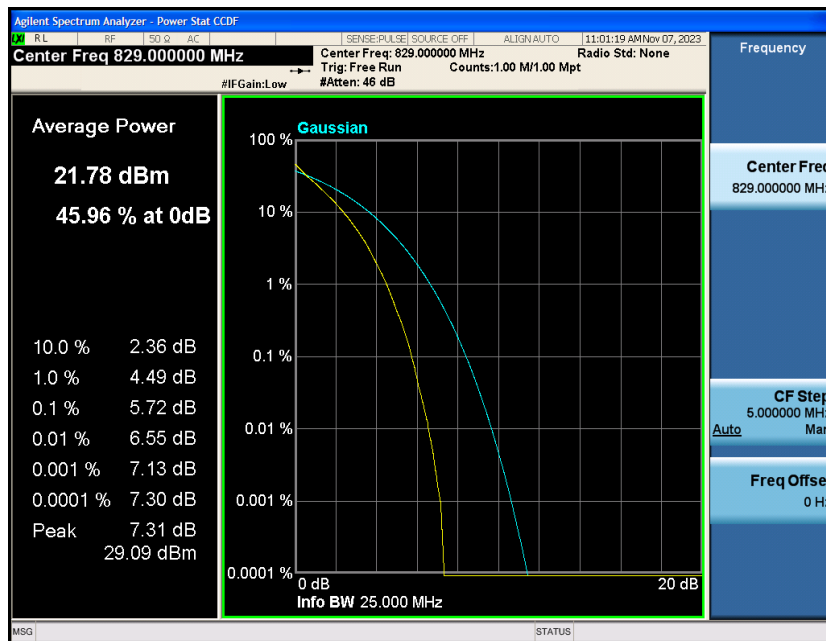
Band5-5MHz-16QAM-20625-25RB#0



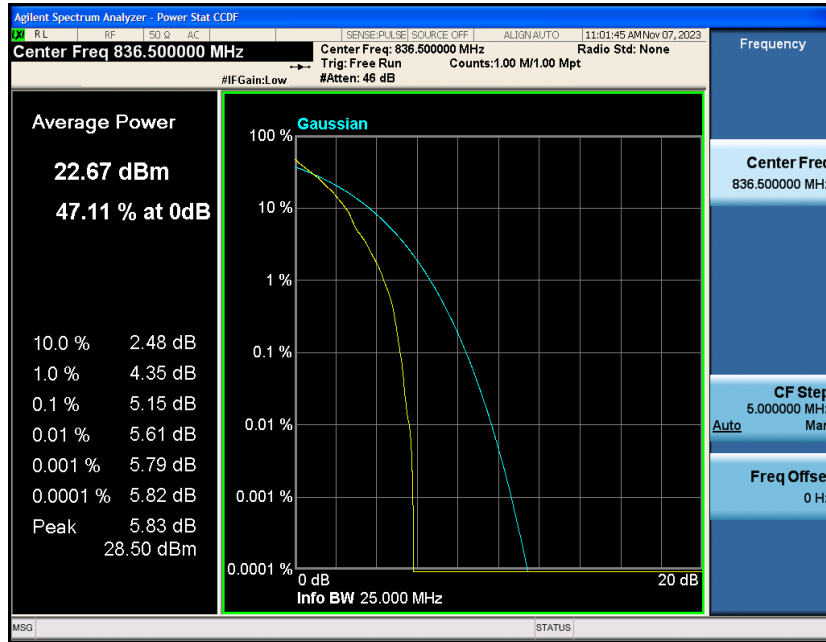
Band5-10MHz-QPSK-20450-1RB#0



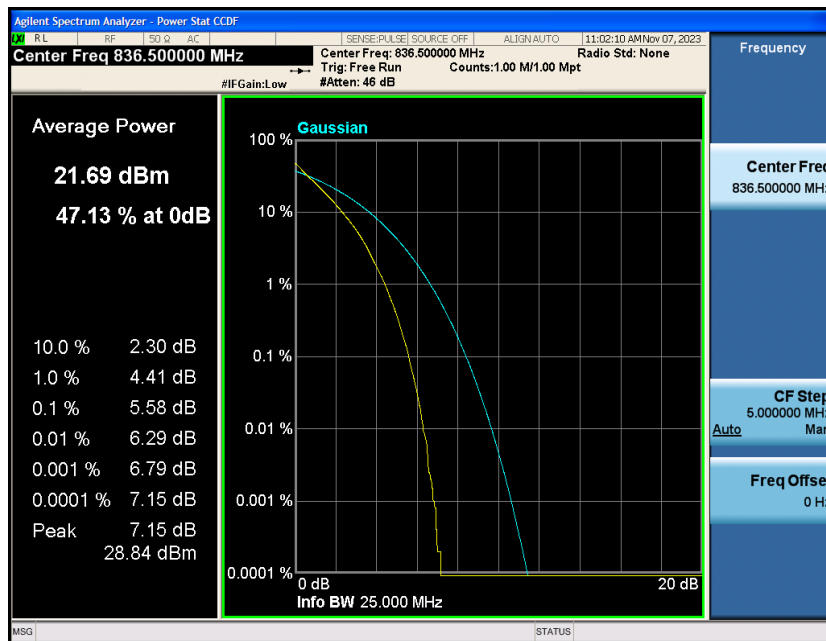
Band5-10MHz-QPSK-20450-50RB#0



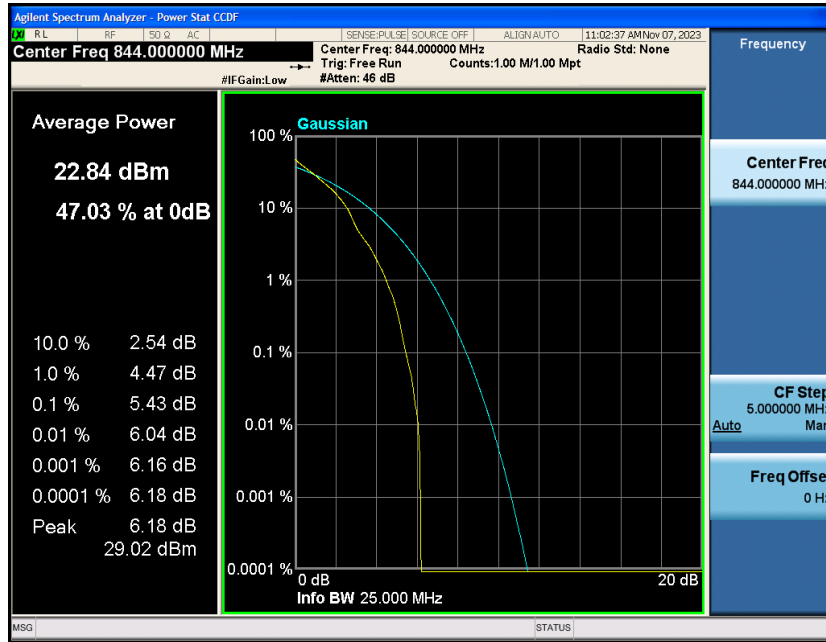
Band5-10MHz-QPSK-20525-1RB#0



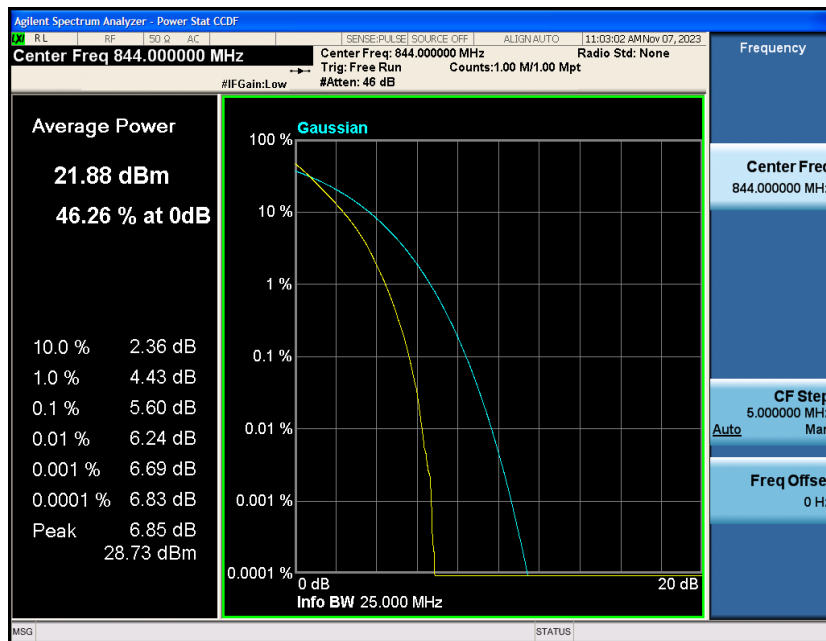
Band5-10MHz-QPSK-20525-50RB#0



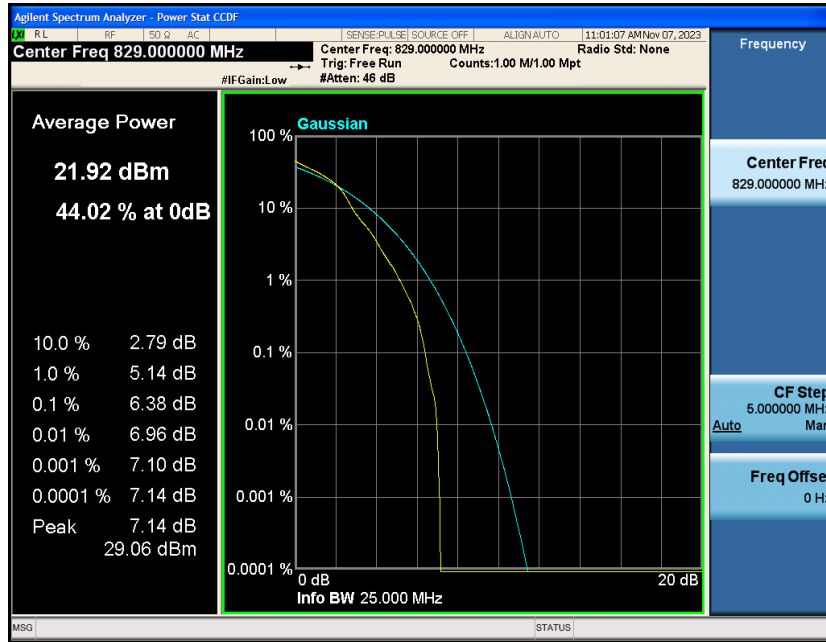
Band5-10MHz-QPSK-20600-1RB#0



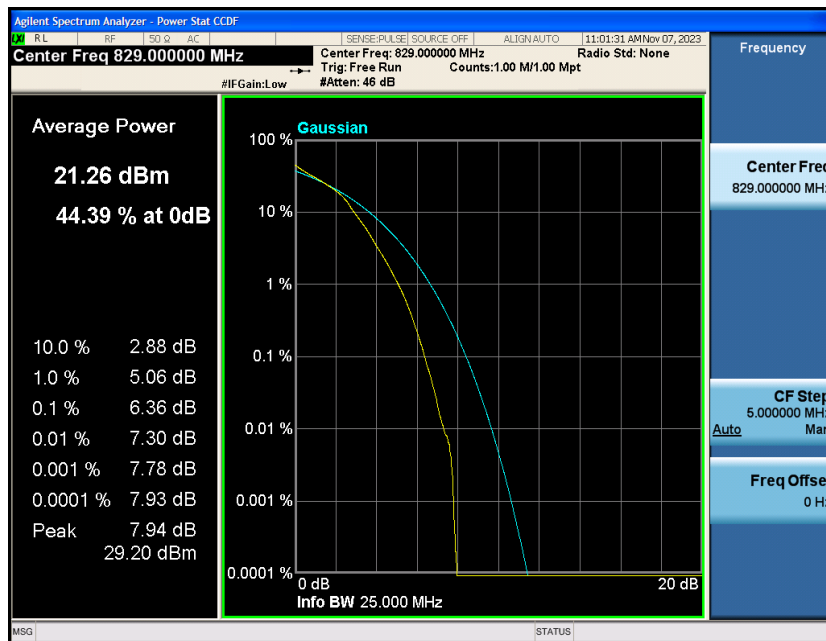
Band5-10MHz-QPSK-20600-50RB#0



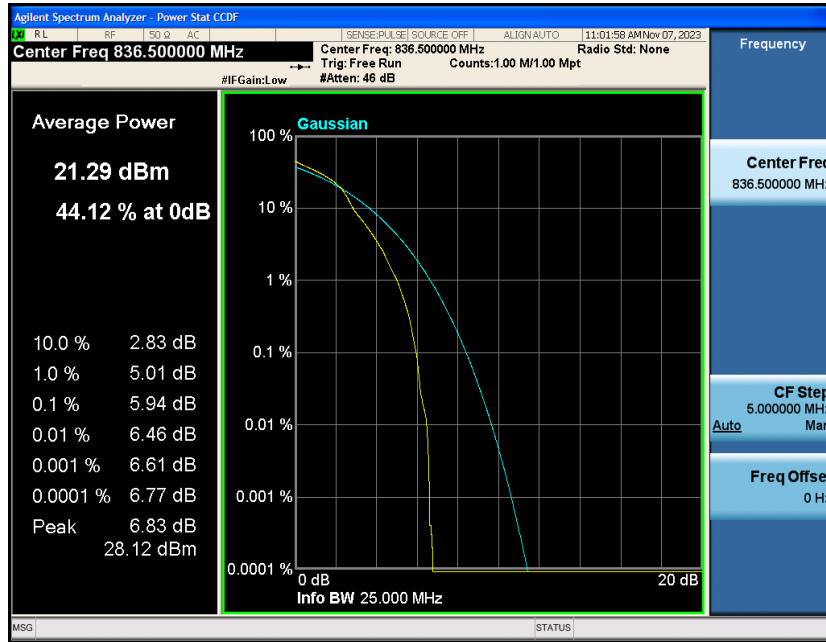
Band5-10MHz-16QAM-20450-1RB#0



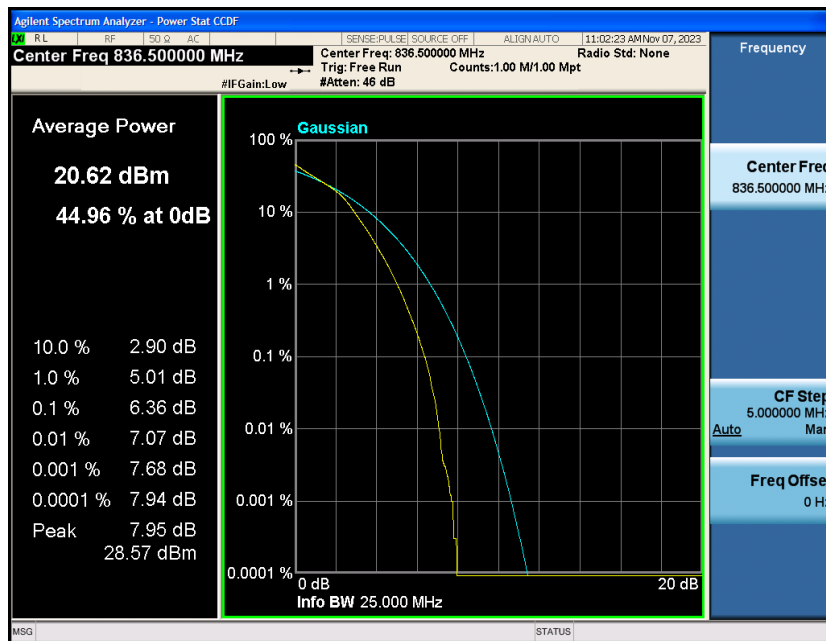
Band5-10MHz-16QAM-20450-50RB#0



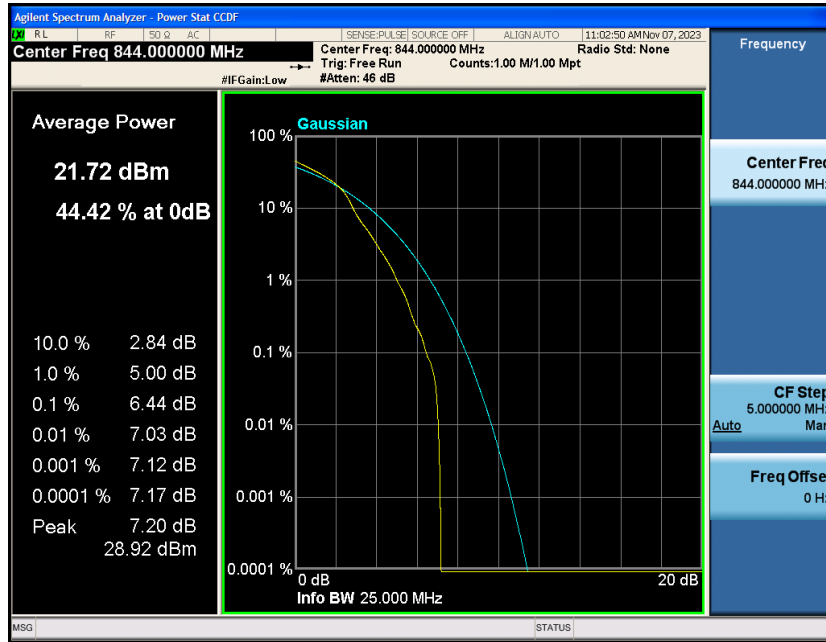
Band5-10MHz-16QAM-20525-1RB#0



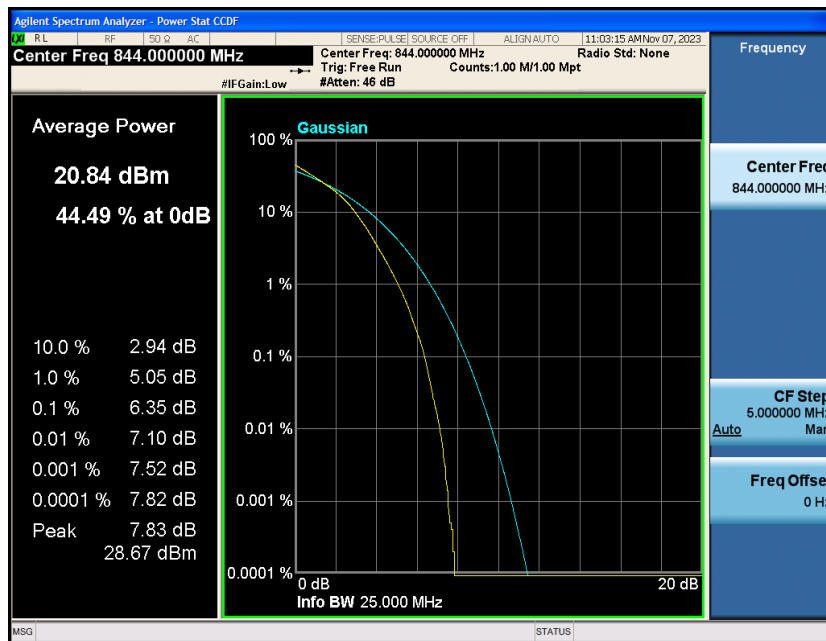
Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-1RB#0



Band5-10MHz-16QAM-20600-50RB#0



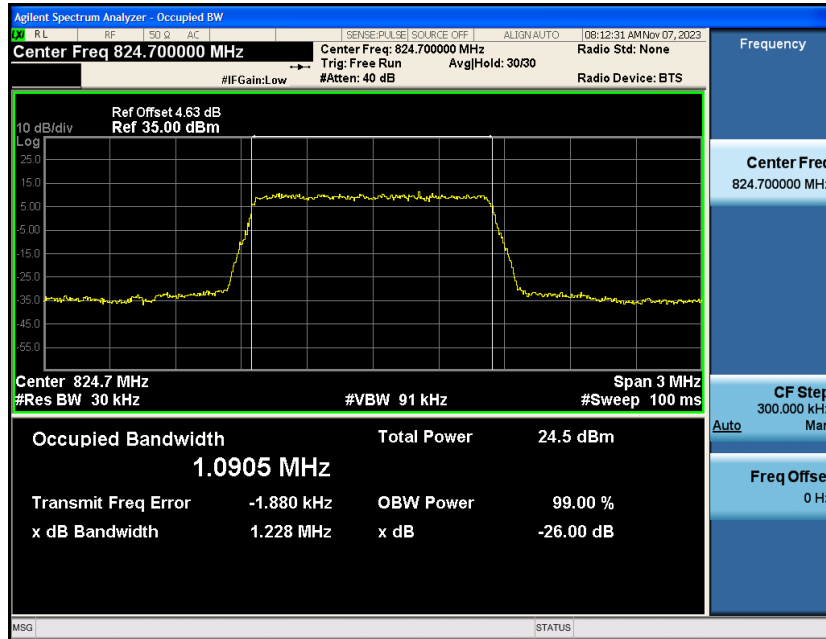
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

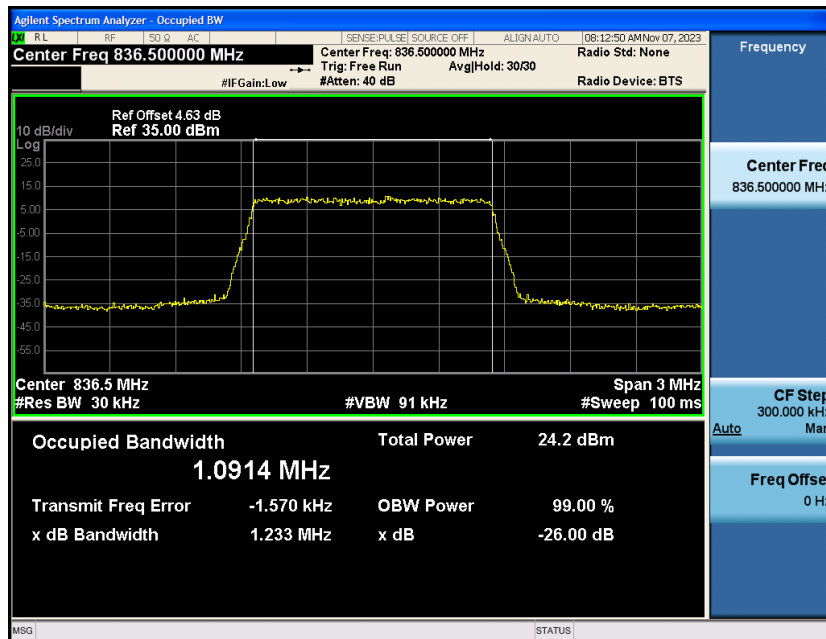
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0905	1.228	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0914	1.233	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0893	1.233	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0909	1.241	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0914	1.236	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0874	1.226	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6942	2.973	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6936	2.807	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6986	2.959	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6928	2.980	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6946	3.000	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6930	2.953	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4974	4.883	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4890	4.877	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4945	4.881	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4994	4.862	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4926	4.905	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4989	4.850	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.0010	9.573	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9666	9.537	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9778	9.532	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9828	9.568	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9674	9.600	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9706	9.566	PASS

Test Graphs

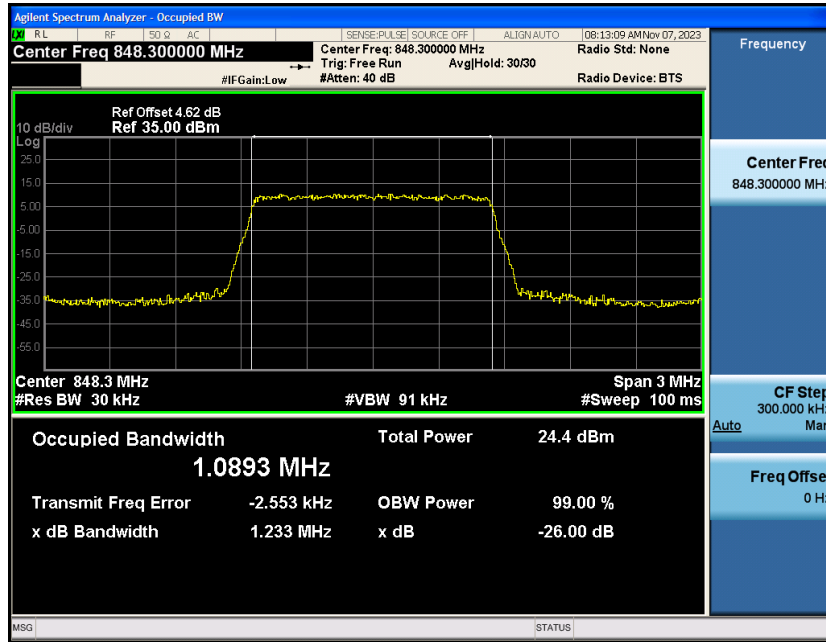
Band5-1.4MHz-QPSK-20407-6RB#0



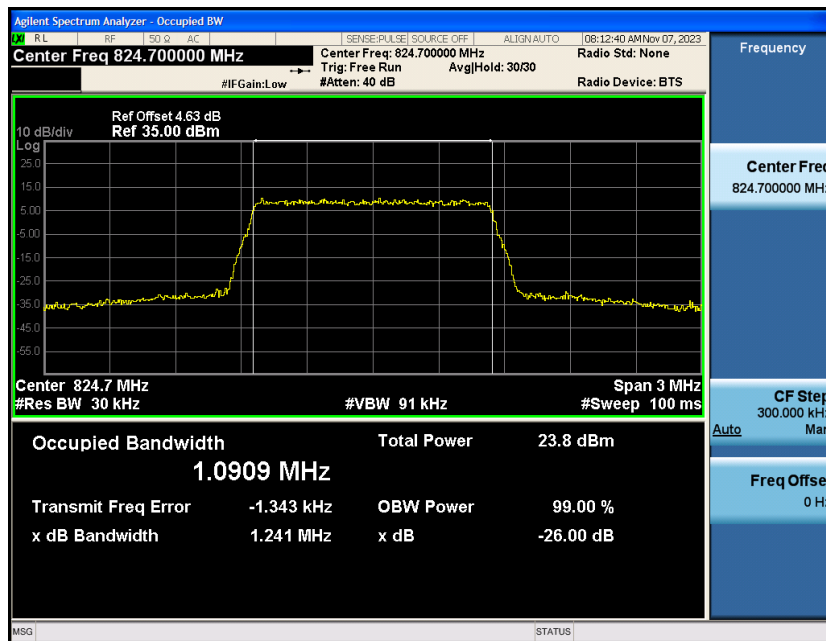
Band5-1.4MHz-QPSK-20525-6RB#0



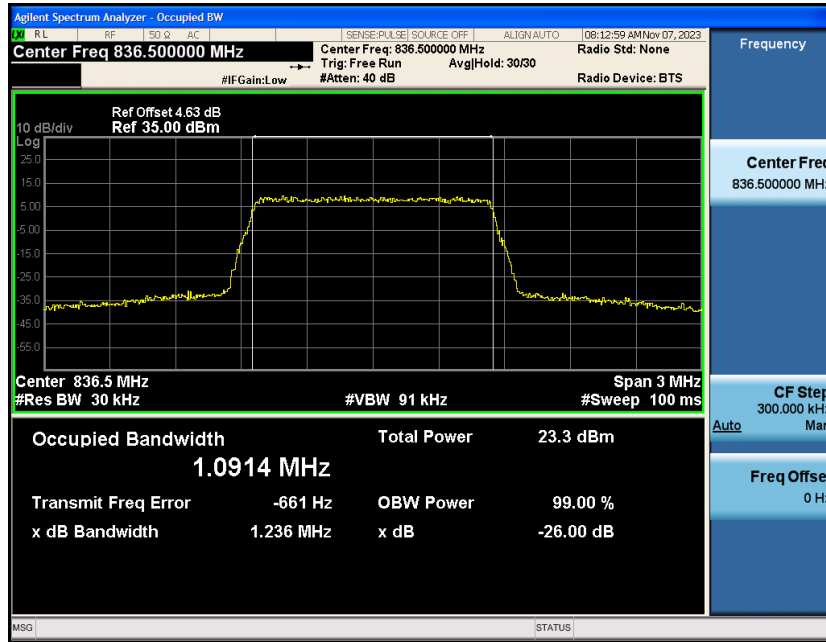
Band5-1.4MHz-QPSK-20643-6RB#0



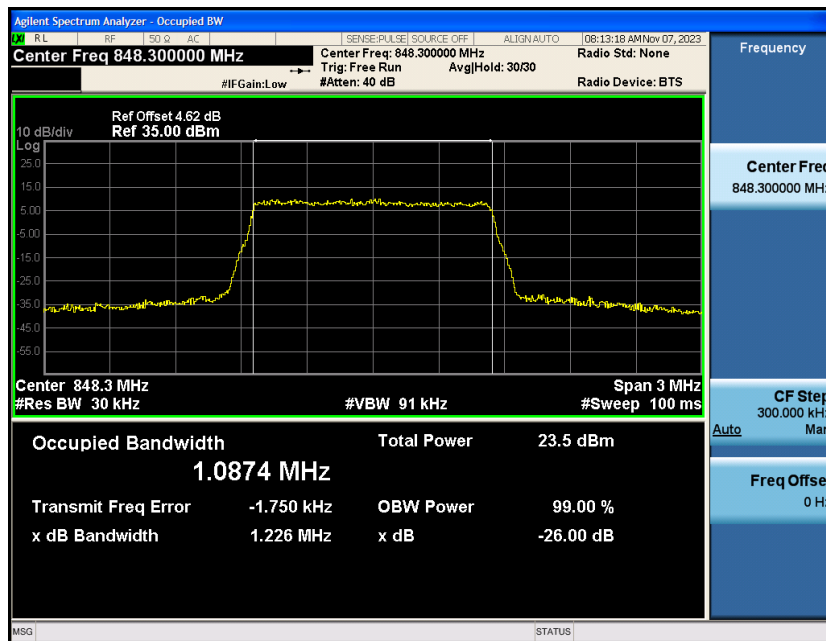
Band5-1.4MHz-16QAM-20407-6RB#0



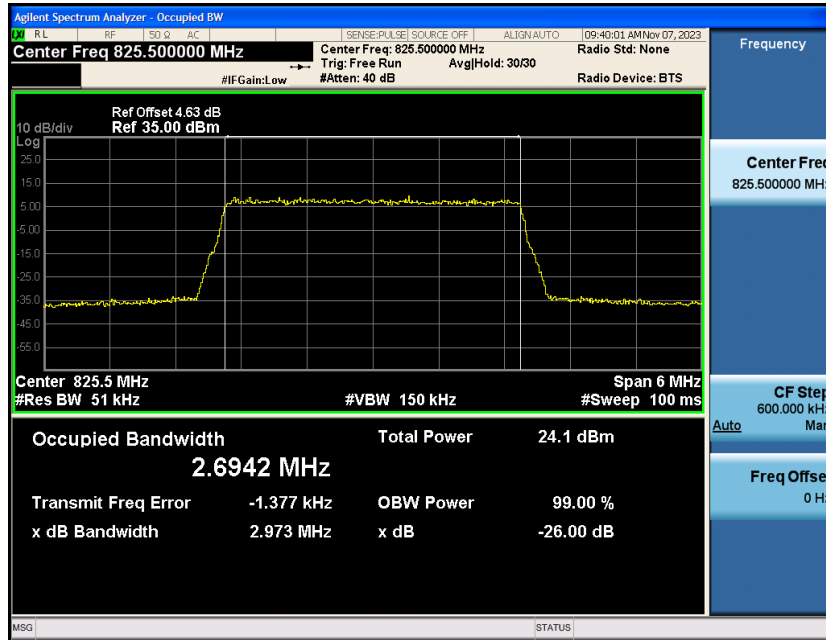
Band5-1.4MHz-16QAM-20525-6RB#0



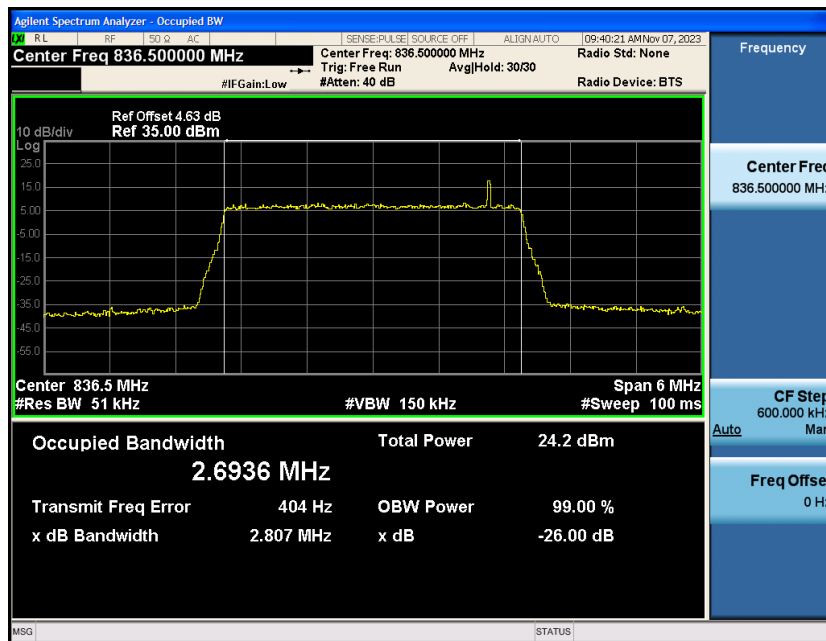
Band5-1.4MHz-16QAM-20643-6RB#0



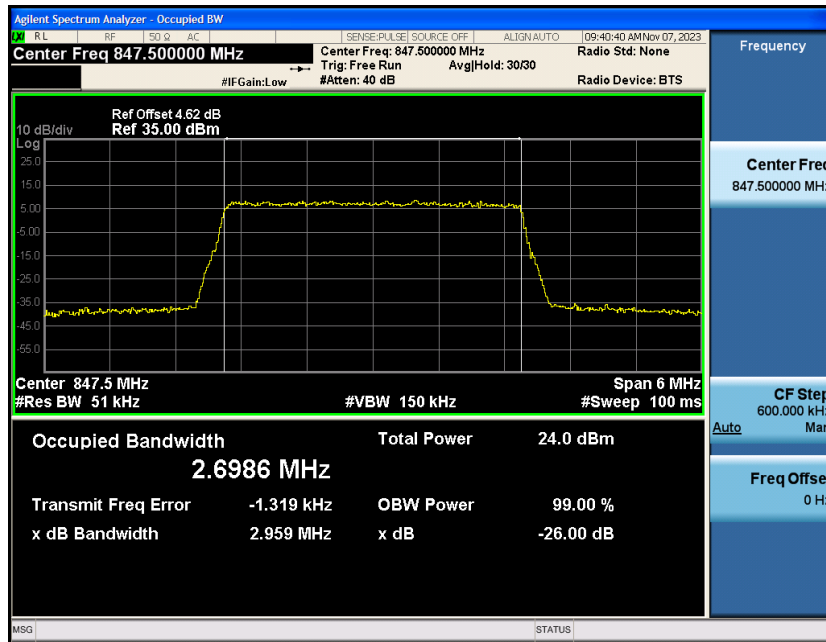
Band5-3MHz-QPSK-20415-15RB#0



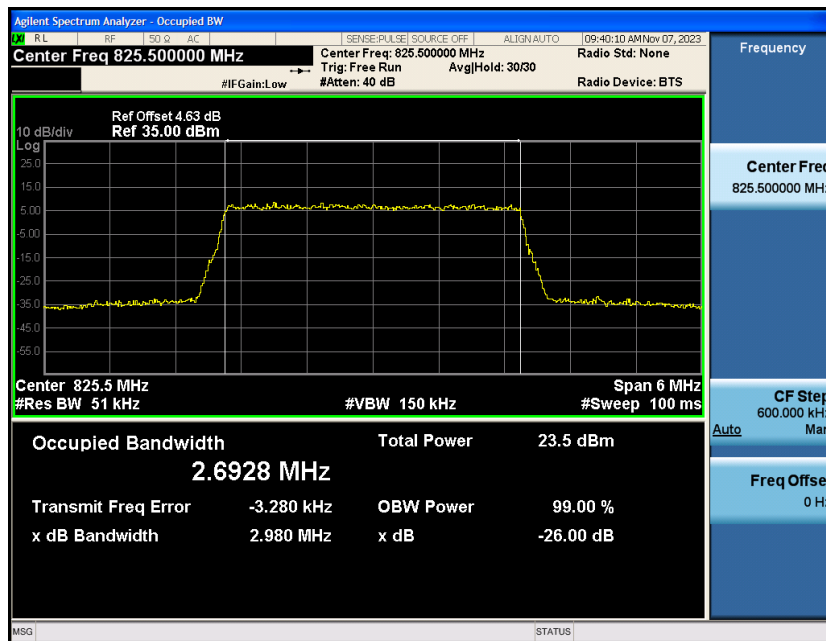
Band5-3MHz-QPSK-20525-15RB#0



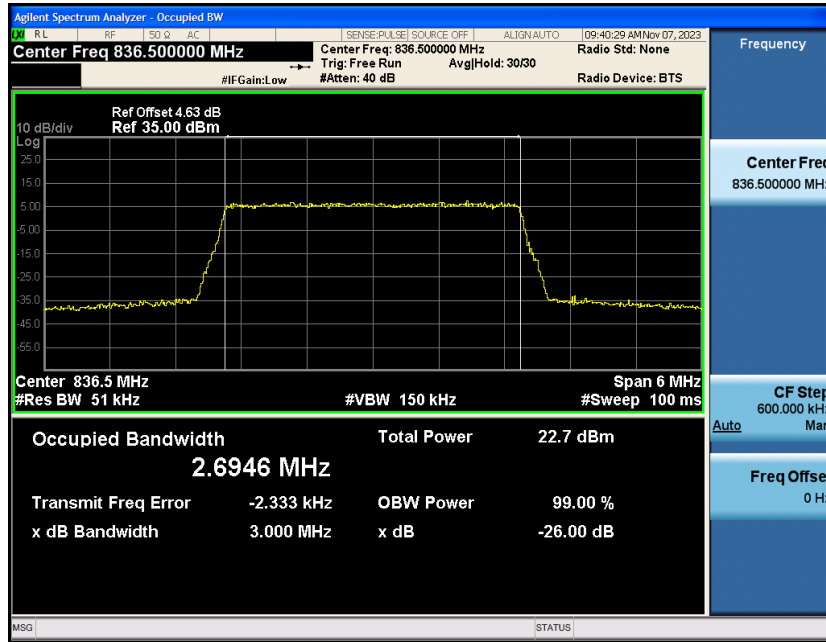
Band5-3MHz-QPSK-20635-15RB#0



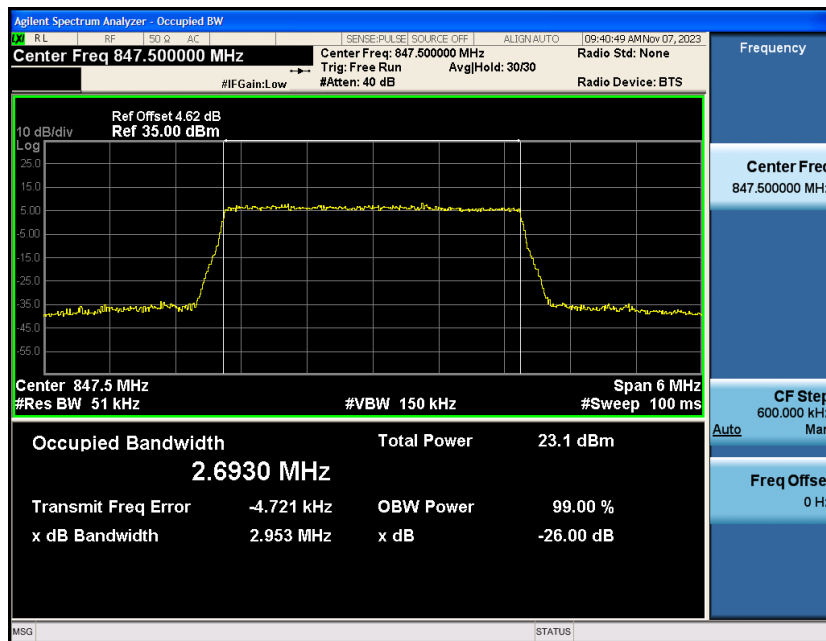
Band5-3MHz-16QAM-20415-15RB#0



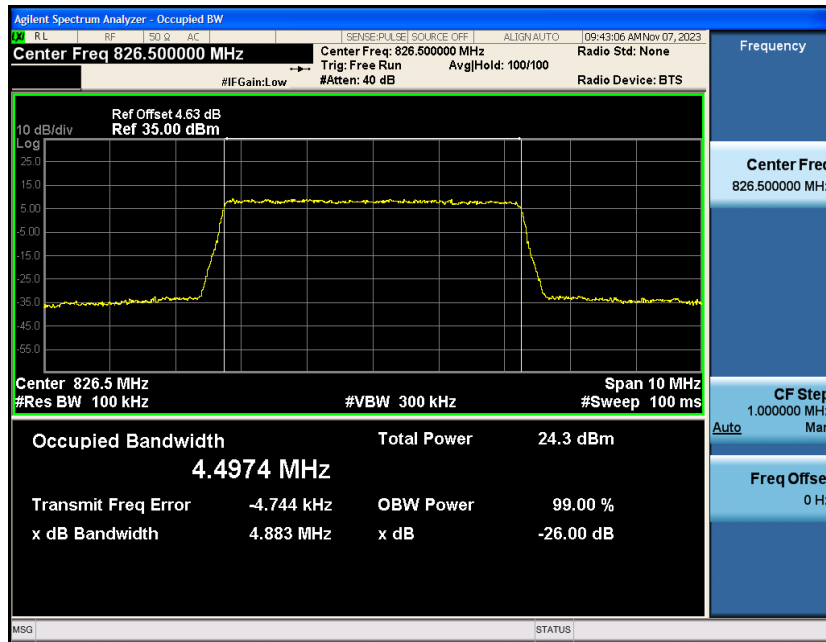
Band5-3MHz-16QAM-20525-15RB#0



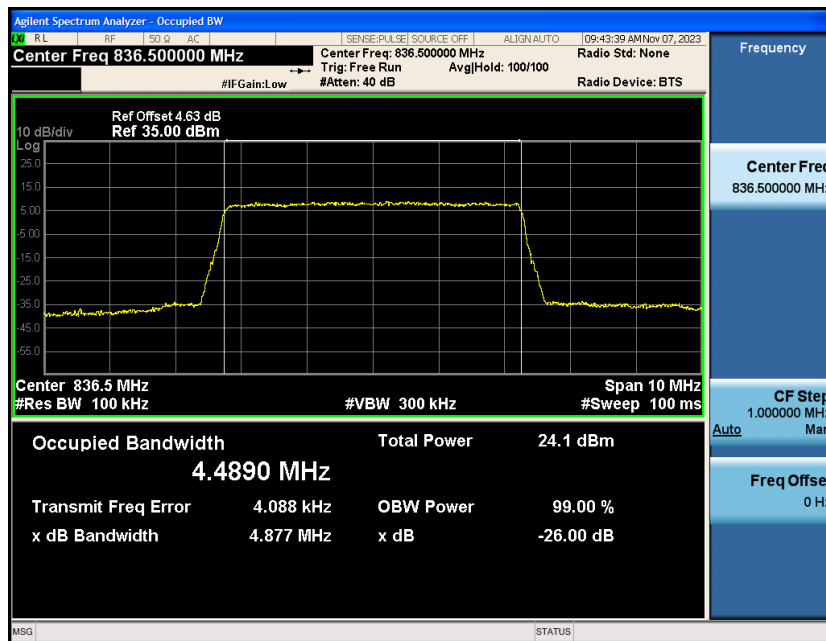
Band5-3MHz-16QAM-20635-15RB#0



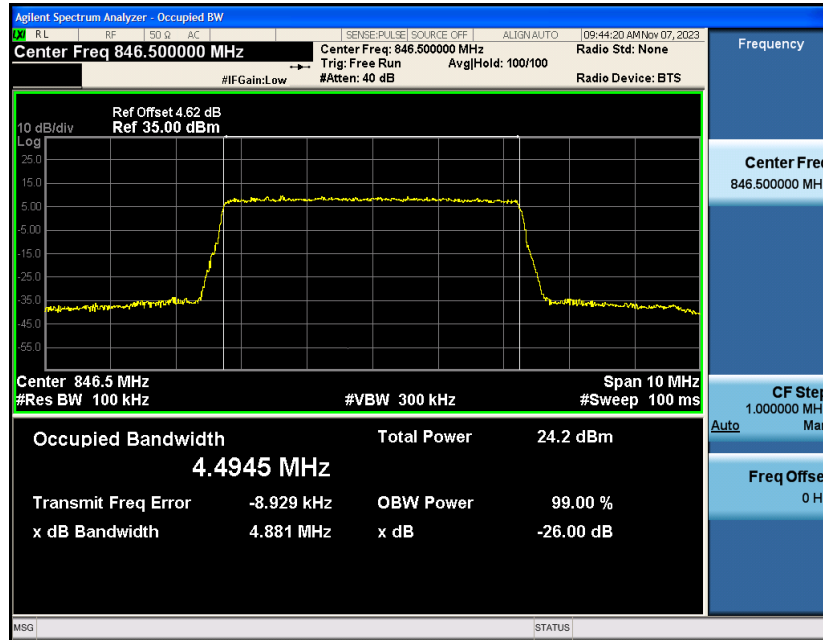
Band5-5MHz-QPSK-20425-25RB#0



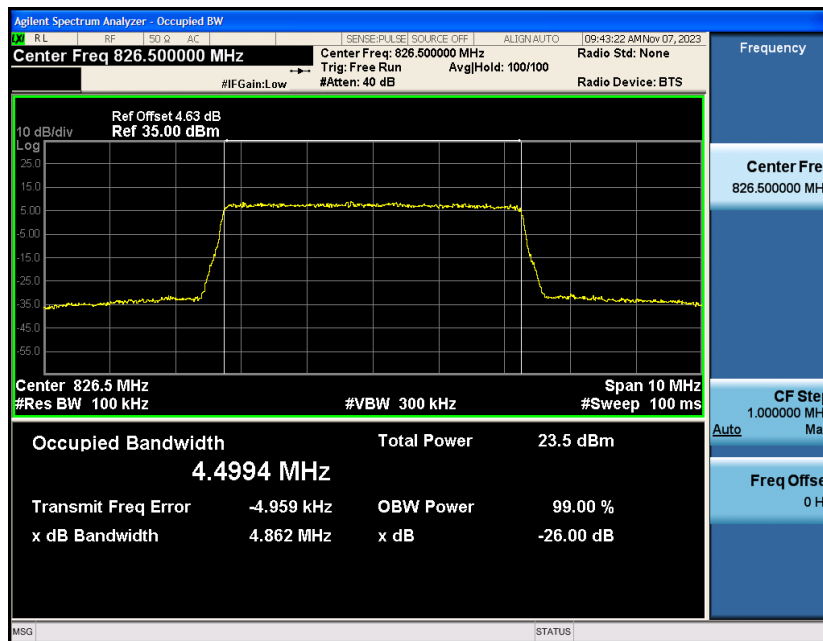
Band5-5MHz-QPSK-20525-25RB#0



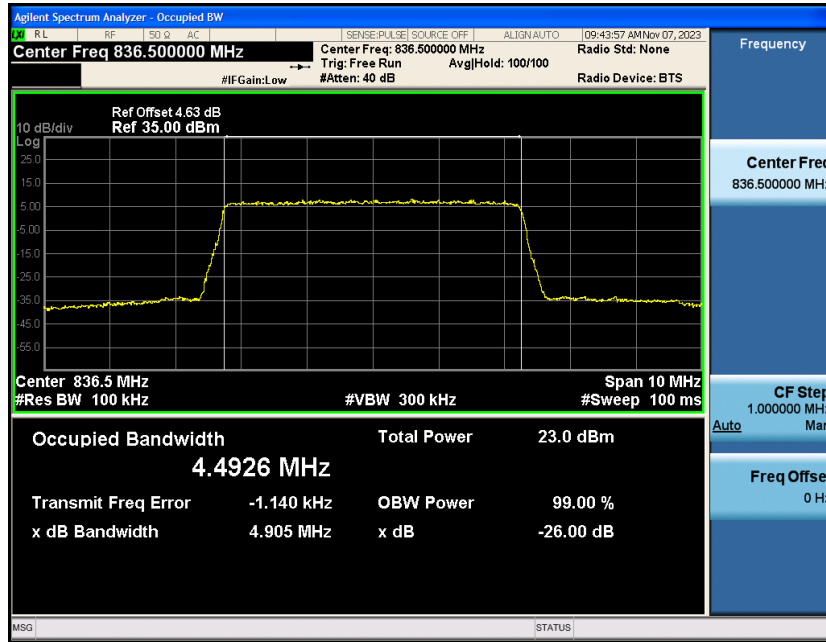
Band5-5MHz-QPSK-20625-25RB#0



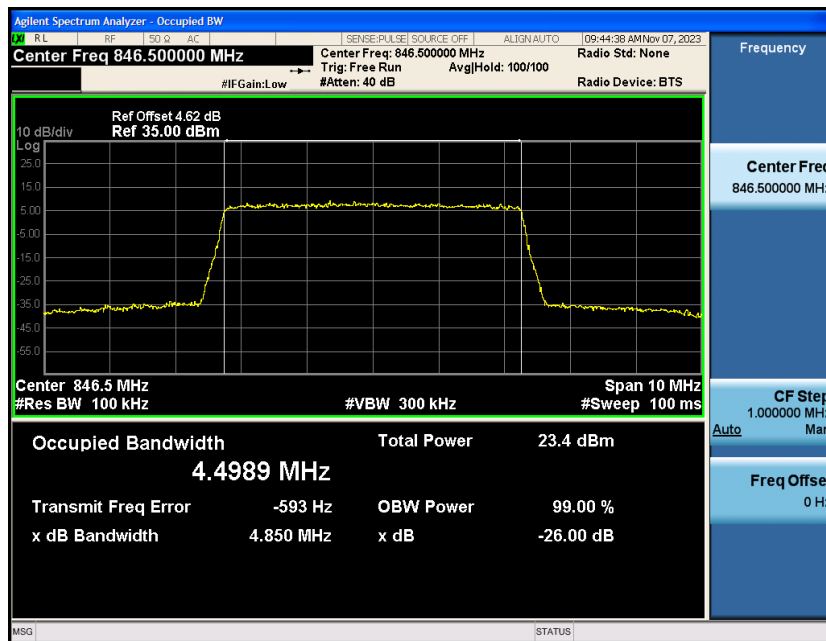
Band5-5MHz-16QAM-20425-25RB#0



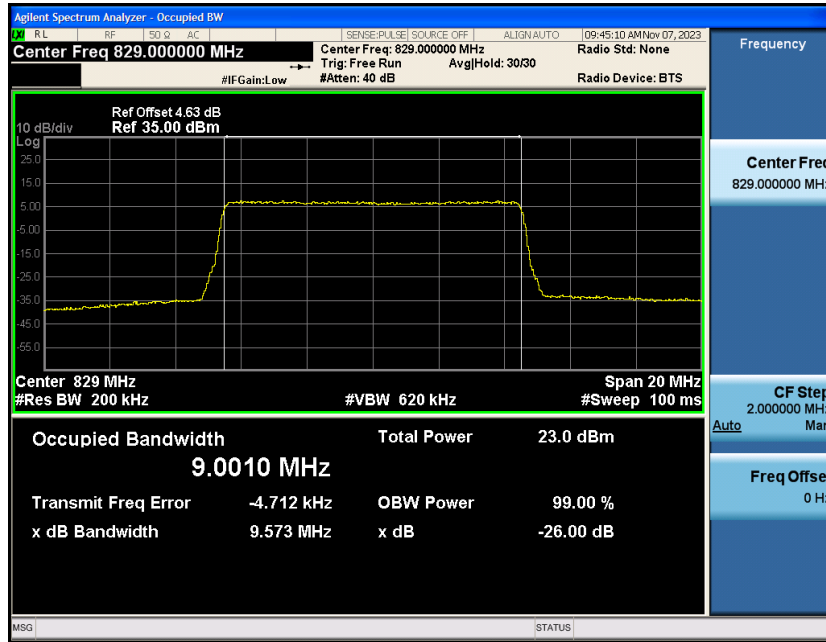
Band5-5MHz-16QAM-20525-25RB#0



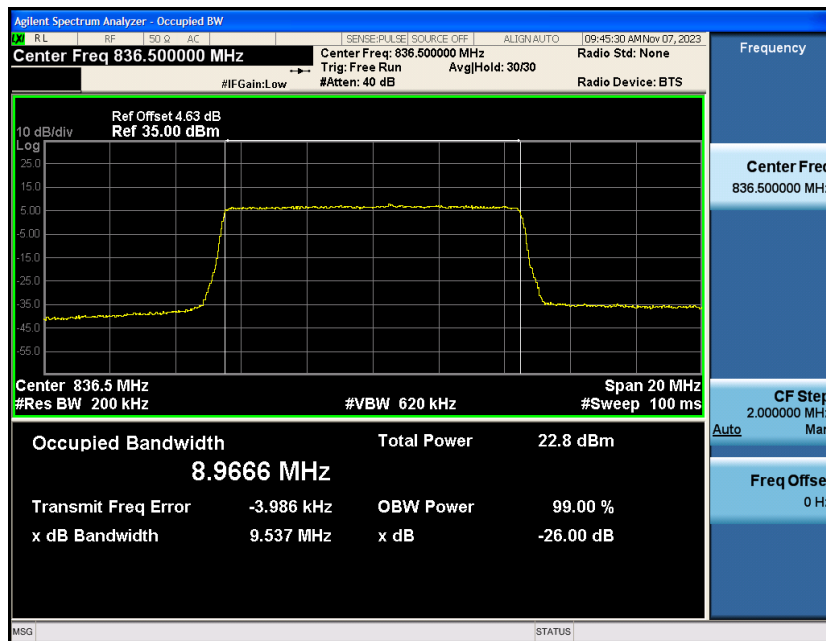
Band5-5MHz-16QAM-20625-25RB#0



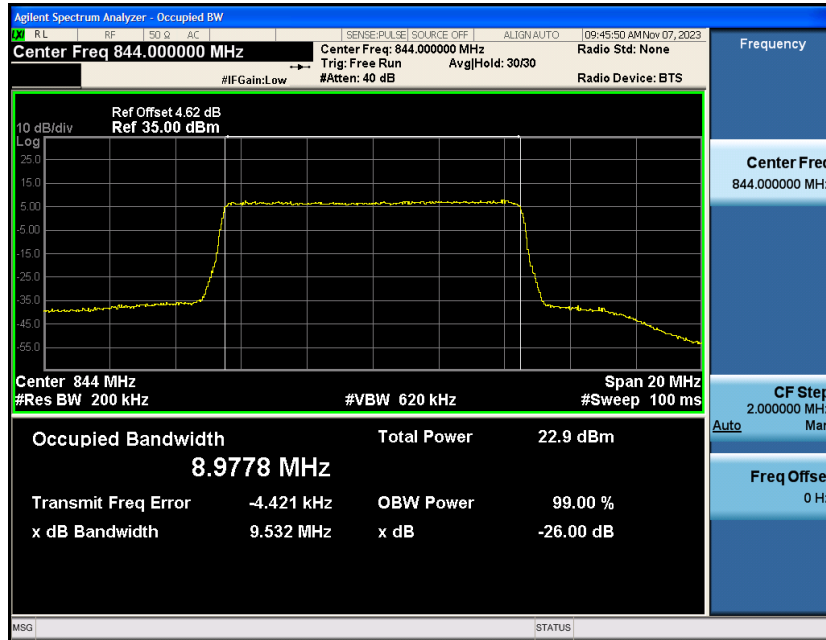
Band5-10MHz-QPSK-20450-50RB#0



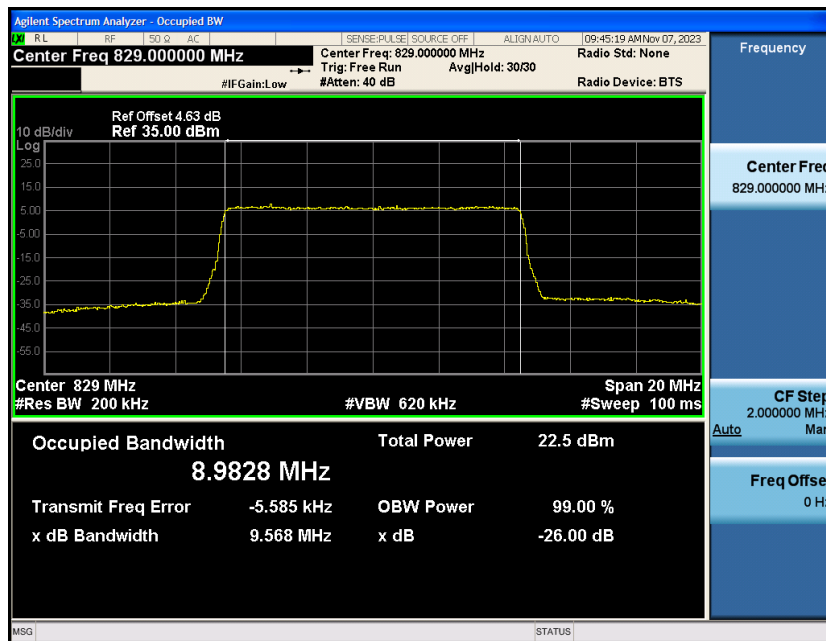
Band5-10MHz-QPSK-20525-50RB#0



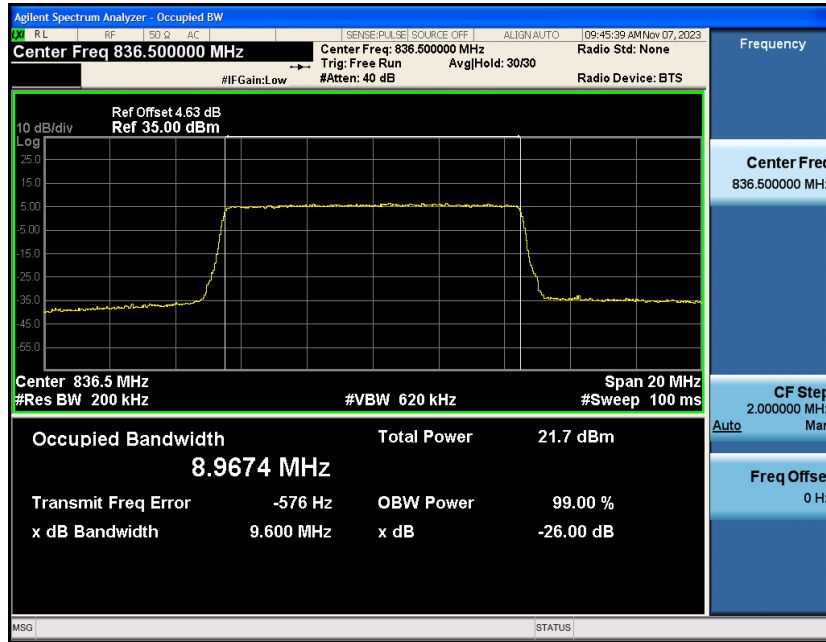
Band5-10MHz-QPSK-20600-50RB#0



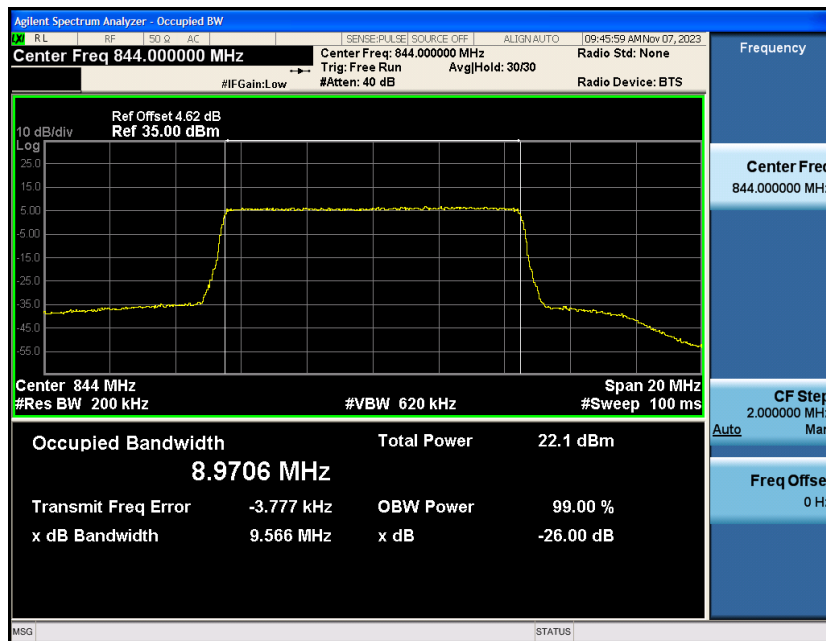
Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-50RB#0



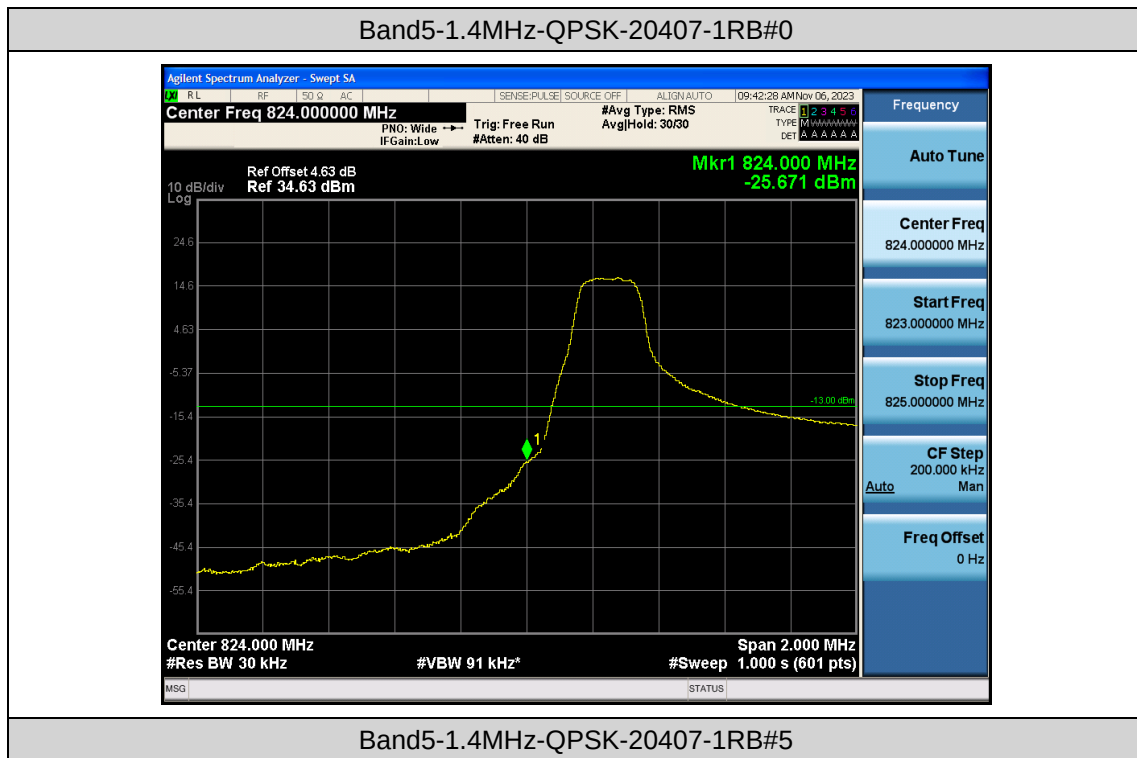
Appendix D: Band Edge

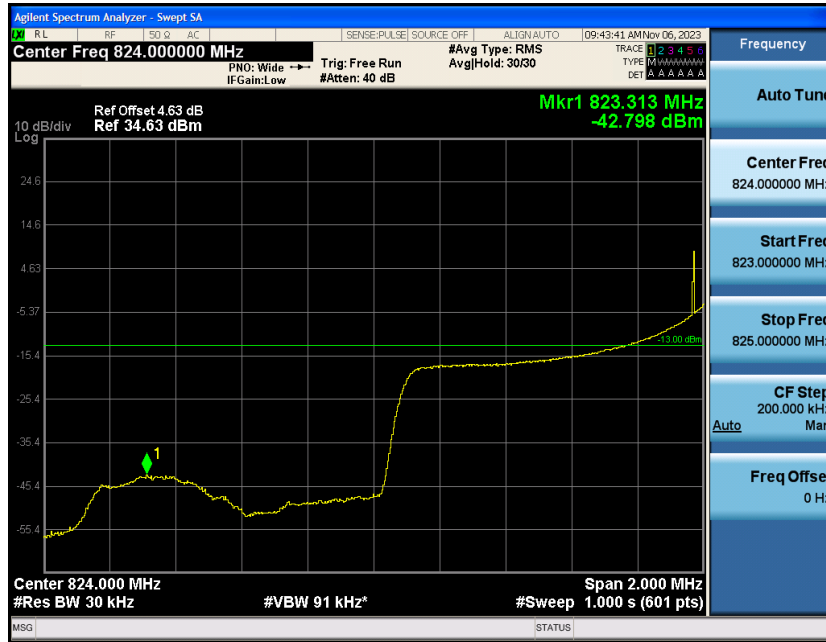
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	-25.67	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-42.80	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-32.66	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-42.28	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-25.42	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-34.63	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-26.66	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-39.82	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-32.02	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-39.03	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-28.11	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-33.81	PASS
Band5	3MHz	QPSK	20415	1RB#0	-21.64	PASS
Band5	3MHz	QPSK	20415	1RB#14	-34.98	PASS
Band5	3MHz	QPSK	20415	15RB#0	-31.41	PASS
Band5	3MHz	QPSK	20635	1RB#0	-36.62	PASS
Band5	3MHz	QPSK	20635	1RB#14	-21.85	PASS
Band5	3MHz	QPSK	20635	15RB#0	-32.32	PASS
Band5	3MHz	16QAM	20415	1RB#0	-22.79	PASS
Band5	3MHz	16QAM	20415	1RB#14	-35.32	PASS
Band5	3MHz	16QAM	20415	15RB#0	-32.16	PASS
Band5	3MHz	16QAM	20635	1RB#0	-37.88	PASS
Band5	3MHz	16QAM	20635	1RB#14	-23.17	PASS
Band5	3MHz	16QAM	20635	15RB#0	-32.87	PASS
Band5	5MHz	QPSK	20425	1RB#0	-15.37	PASS
Band5	5MHz	QPSK	20425	1RB#24	-32.59	PASS
Band5	5MHz	QPSK	20425	25RB#0	-25.76	PASS
Band5	5MHz	QPSK	20625	1RB#0	-34.28	PASS
Band5	5MHz	QPSK	20625	1RB#24	-15.48	PASS
Band5	5MHz	QPSK	20625	25RB#0	-27.96	PASS
Band5	5MHz	16QAM	20425	1RB#0	-16.79	PASS
Band5	5MHz	16QAM	20425	1RB#24	-33.63	PASS
Band5	5MHz	16QAM	20425	25RB#0	-26.34	PASS
Band5	5MHz	16QAM	20625	1RB#0	-35.74	PASS
Band5	5MHz	16QAM	20625	1RB#24	-17.00	PASS
Band5	5MHz	16QAM	20625	25RB#0	-28.75	PASS

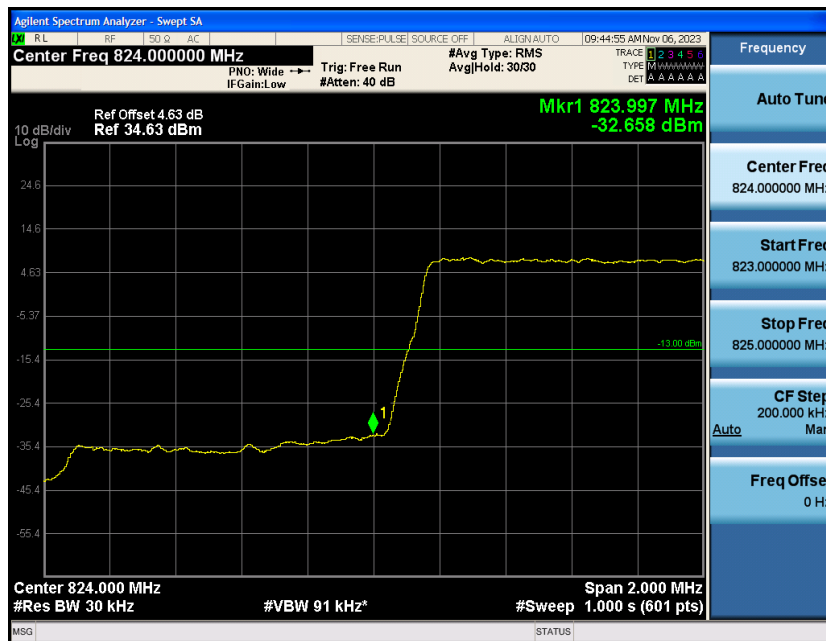
Band5	10MHz	QPSK	20450	1RB#0	-17.98	PASS
Band5	10MHz	QPSK	20450	1RB#49	-35.88	PASS
Band5	10MHz	QPSK	20450	50RB#0	-29.30	PASS
Band5	10MHz	QPSK	20600	1RB#0	-37.89	PASS
Band5	10MHz	QPSK	20600	1RB#49	-17.83	PASS
Band5	10MHz	QPSK	20600	50RB#0	-30.41	PASS
Band5	10MHz	16QAM	20450	1RB#0	-18.76	PASS
Band5	10MHz	16QAM	20450	1RB#49	-36.16	PASS
Band5	10MHz	16QAM	20450	50RB#0	-29.57	PASS
Band5	10MHz	16QAM	20600	1RB#0	-38.84	PASS
Band5	10MHz	16QAM	20600	1RB#49	-18.72	PASS
Band5	10MHz	16QAM	20600	50RB#0	-30.61	PASS

Test Graphs





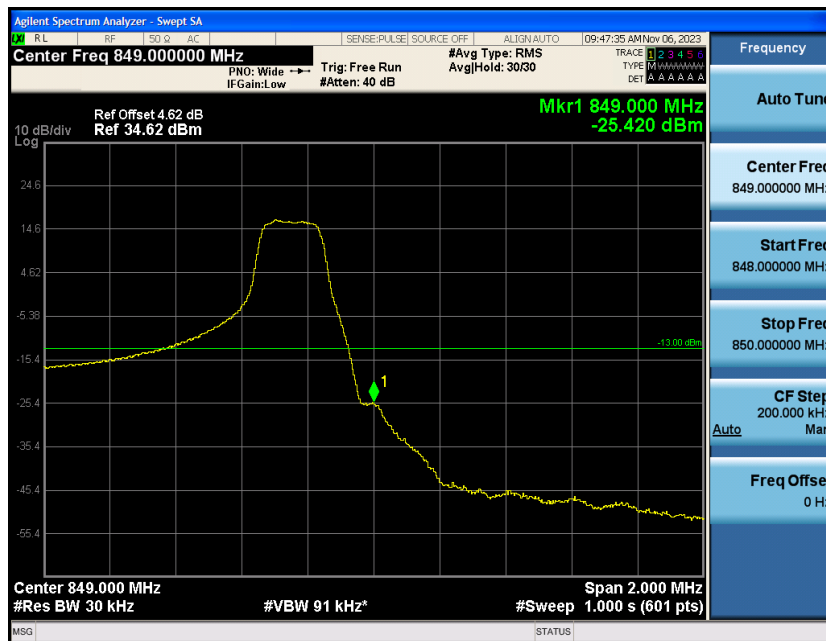
Band5-1.4MHz-QPSK-20407-6RB#0



Band5-1.4MHz-QPSK-20643-1RB#0



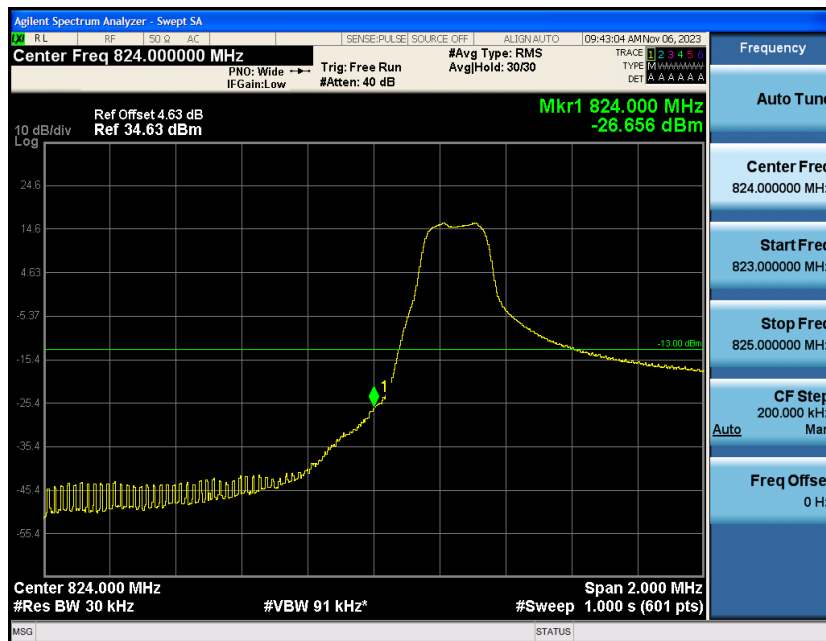
Band5-1.4MHz-QPSK-20643-1RB#5



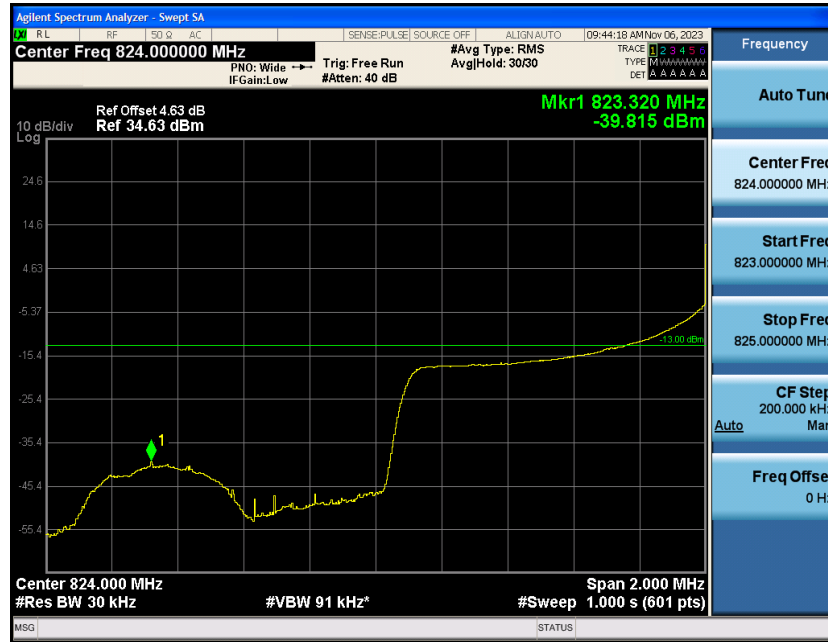
Band5-1.4MHz-QPSK-20643-6RB#0



Band5-1.4MHz-16QAM-20407-1RB#0



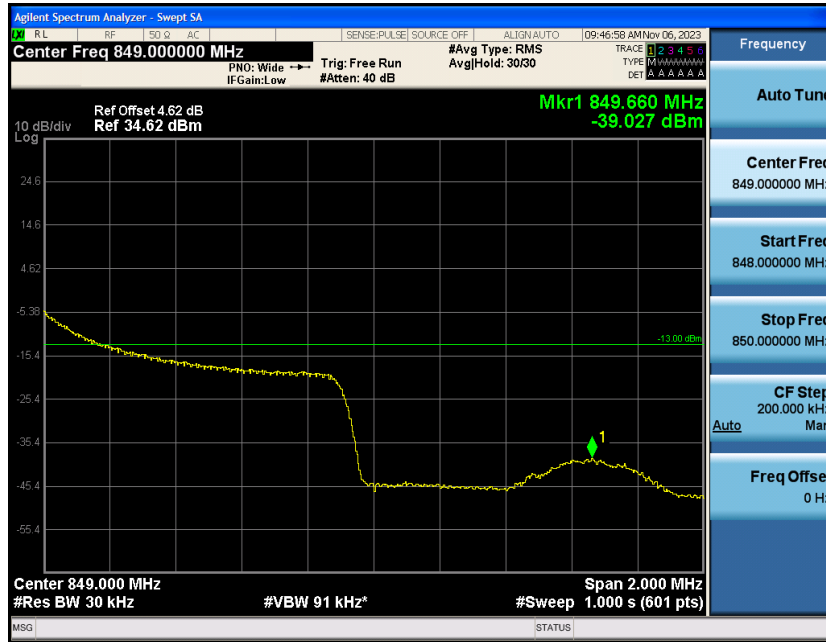
Band5-1.4MHz-16QAM-20407-1RB#5



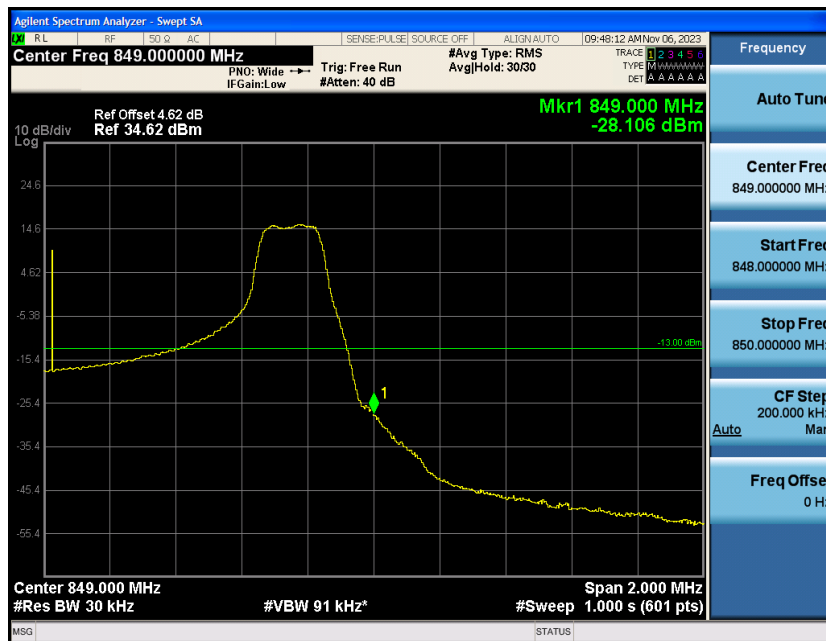
Band5-1.4MHz-16QAM-20407-6RB#0



Band5-1.4MHz-16QAM-20643-1RB#0



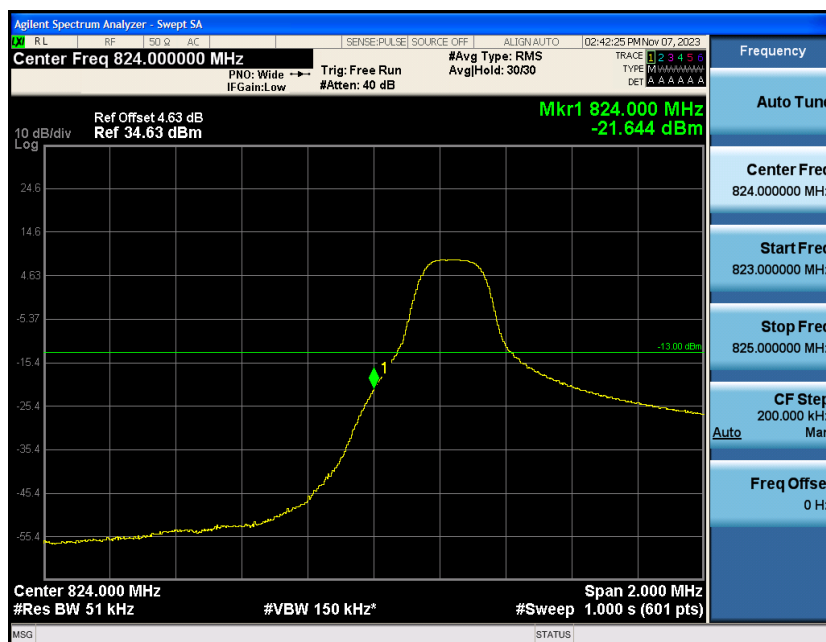
Band5-1.4MHz-16QAM-20643-1RB#5



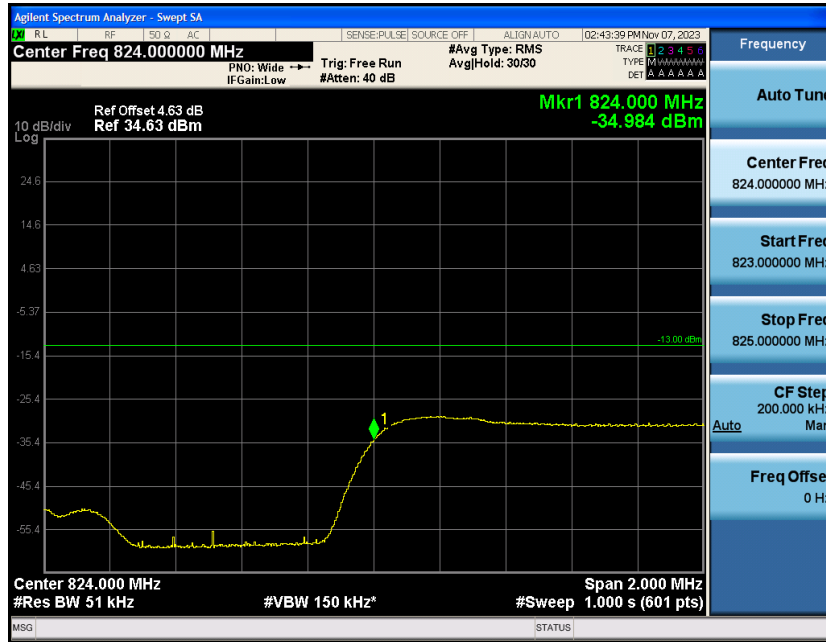
Band5-1.4MHz-16QAM-20643-6RB#0



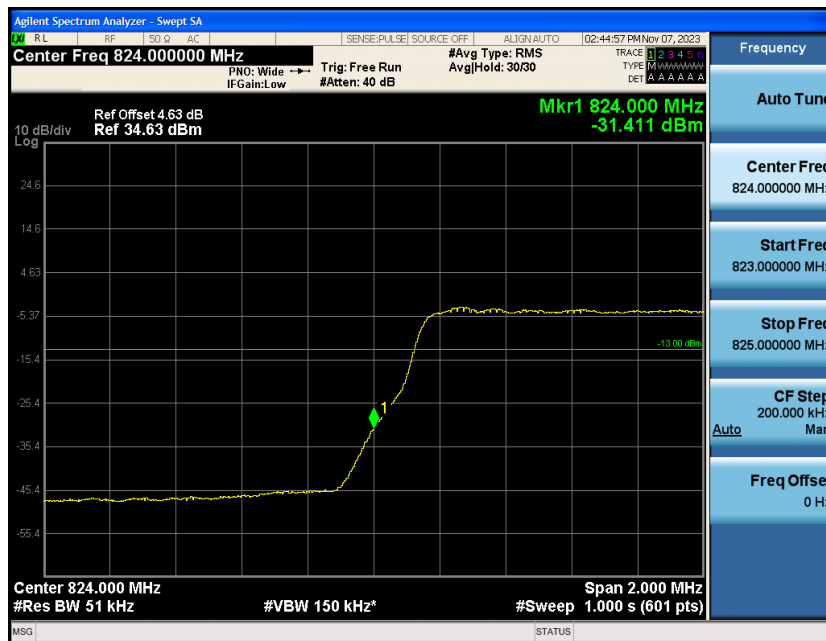
Band5-3MHz-QPSK-20415-1RB#0



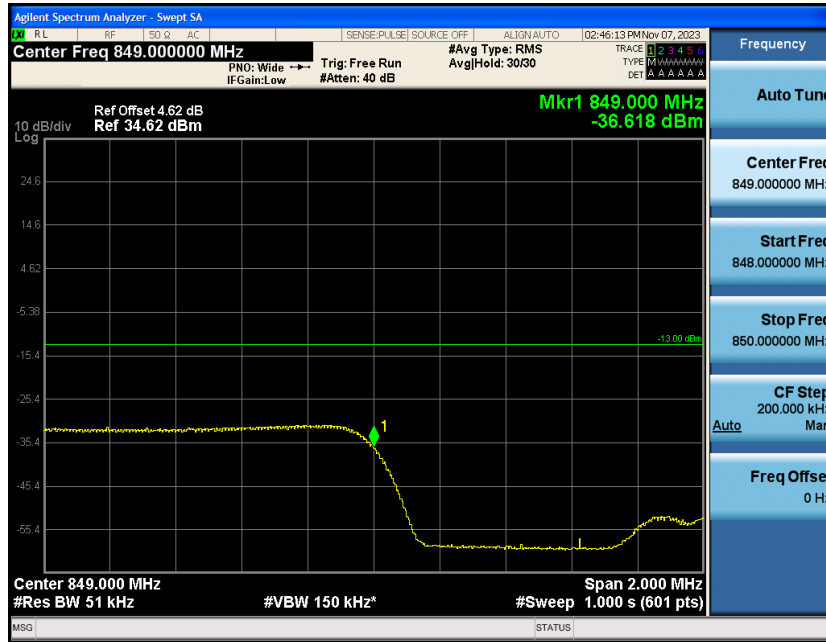
Band5-3MHz-QPSK-20415-1RB#14



Band5-3MHz-QPSK-20415-15RB#0



Band5-3MHz-QPSK-20635-1RB#0



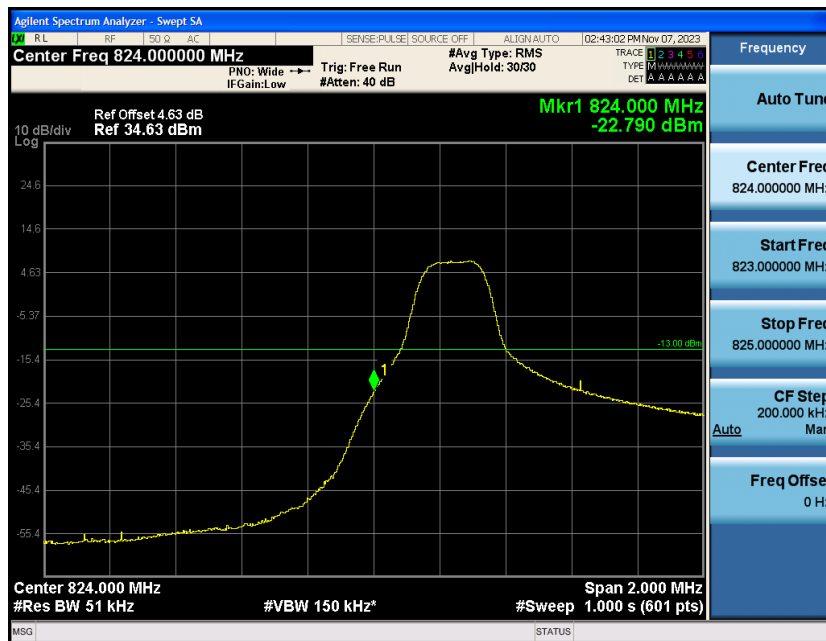
Band5-3MHz-QPSK-20635-1RB#14



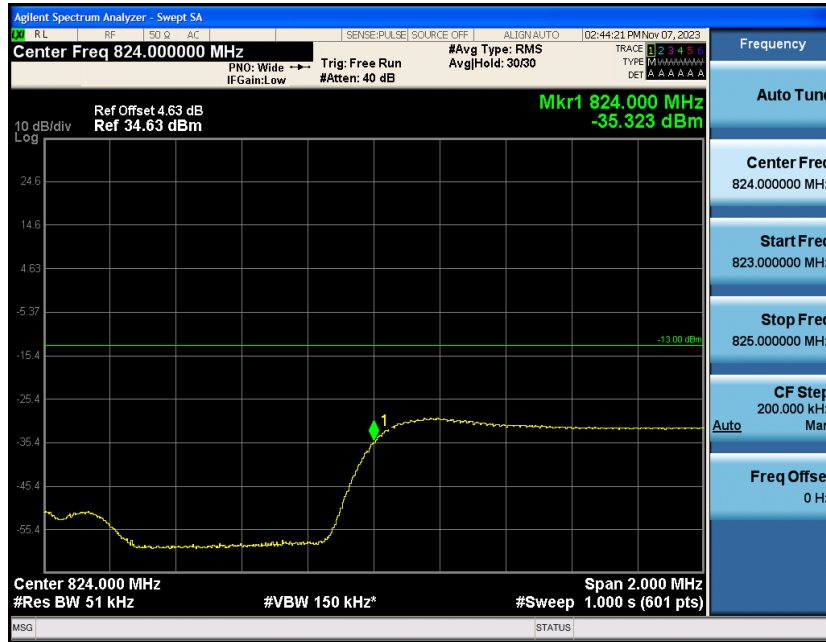
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Band5-3MHz-16QAM-20415-1RB#0



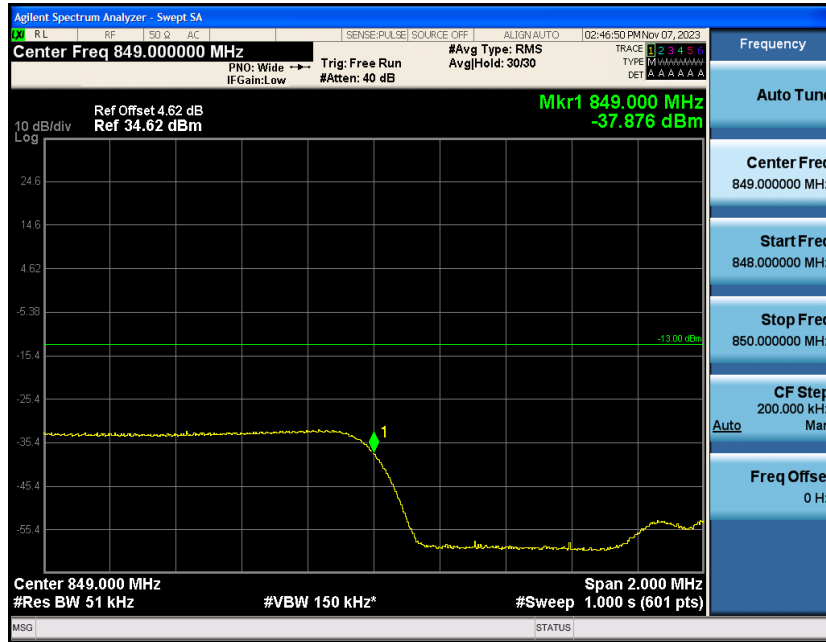
Band5-3MHz-16QAM-20415-1RB#14



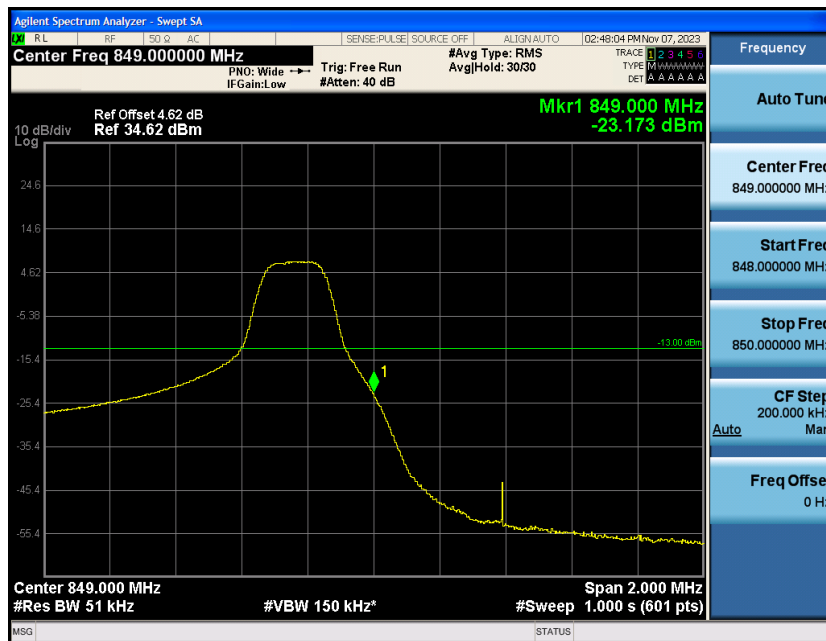
Band5-3MHz-16QAM-20415-15RB#0



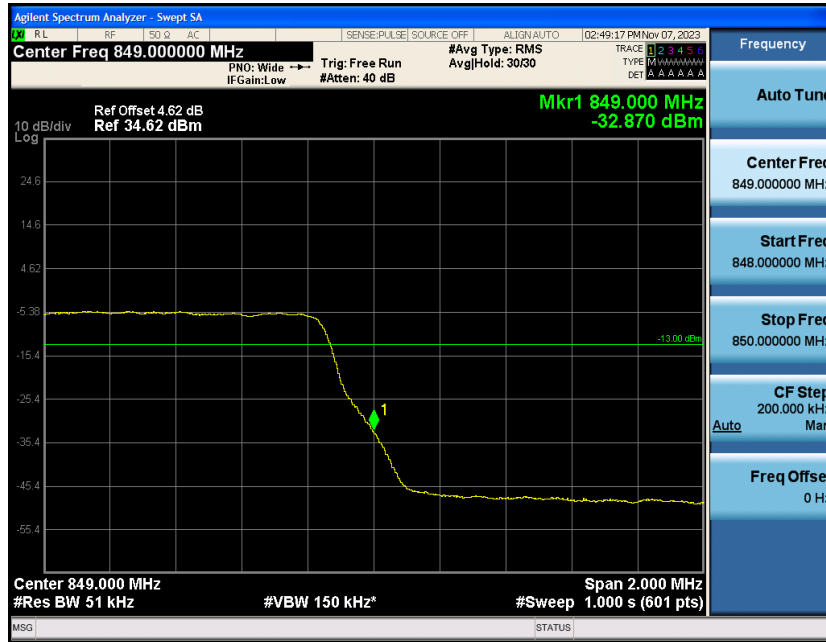
Band5-3MHz-16QAM-20635-1RB#0



Band5-3MHz-16QAM-20635-1RB#14



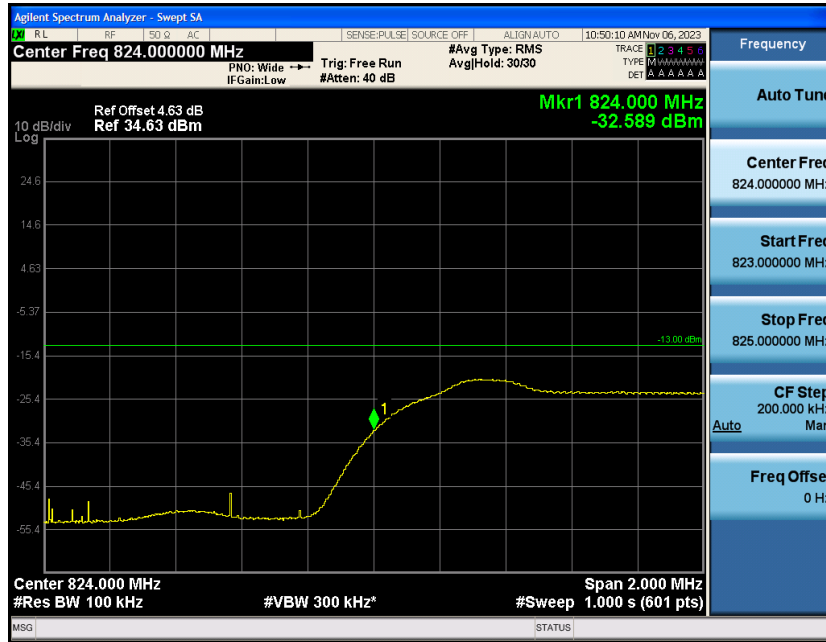
Band5-3MHz-16QAM-20635-15RB#0



Band5-5MHz-QPSK-20425-1RB#0



Band5-5MHz-QPSK-20425-1RB#24



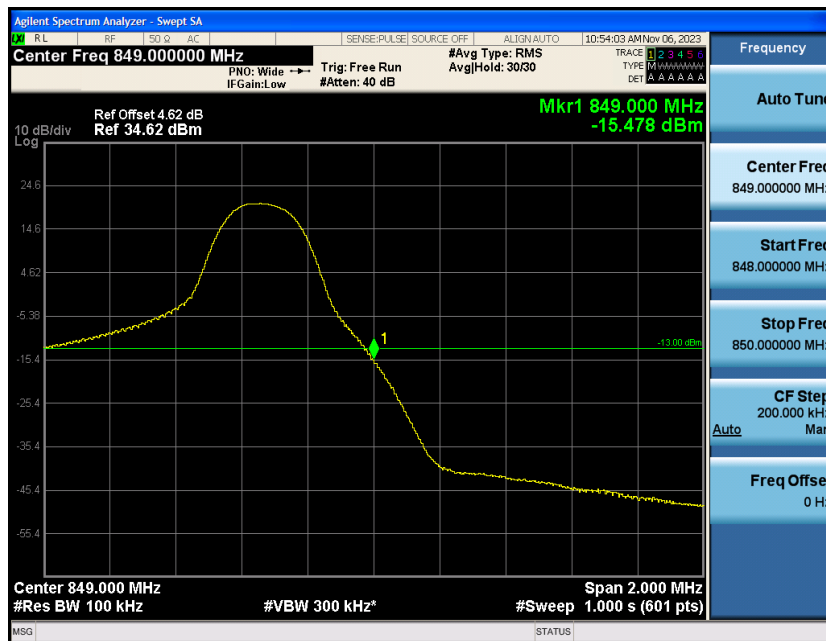
Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20625-1RB#0



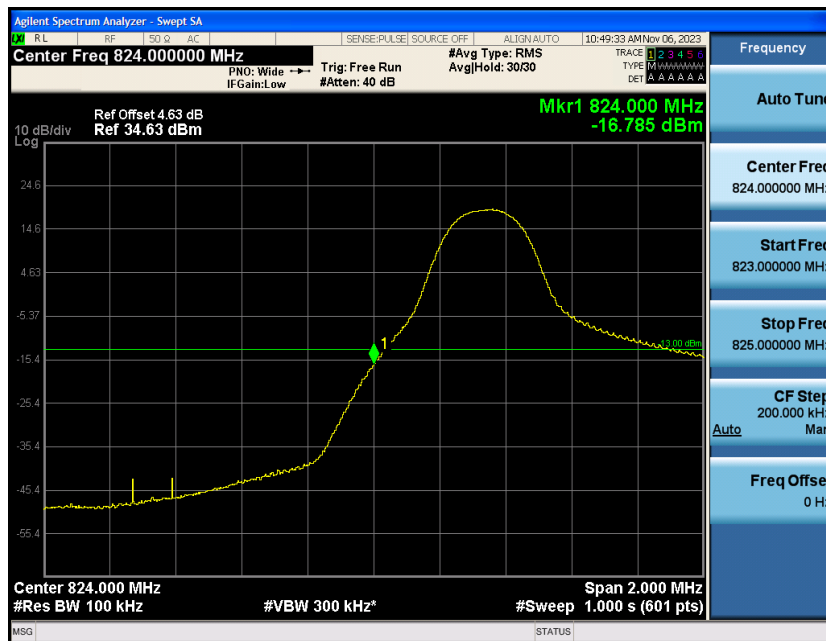
Band5-5MHz-QPSK-20625-1RB#24



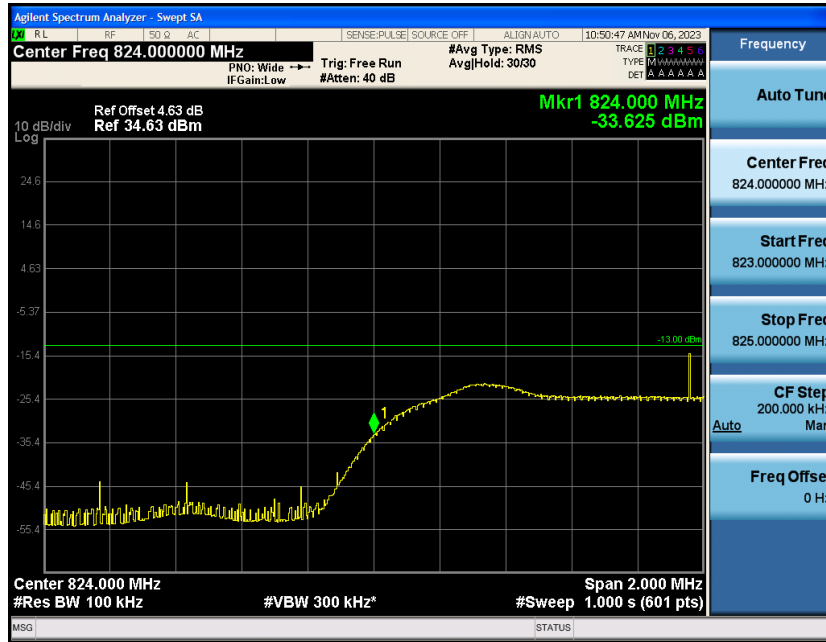
Band5-5MHz-QPSK-20625-25RB#0



Band5-5MHz-16QAM-20425-1RB#0



Band5-5MHz-16QAM-20425-1RB#24



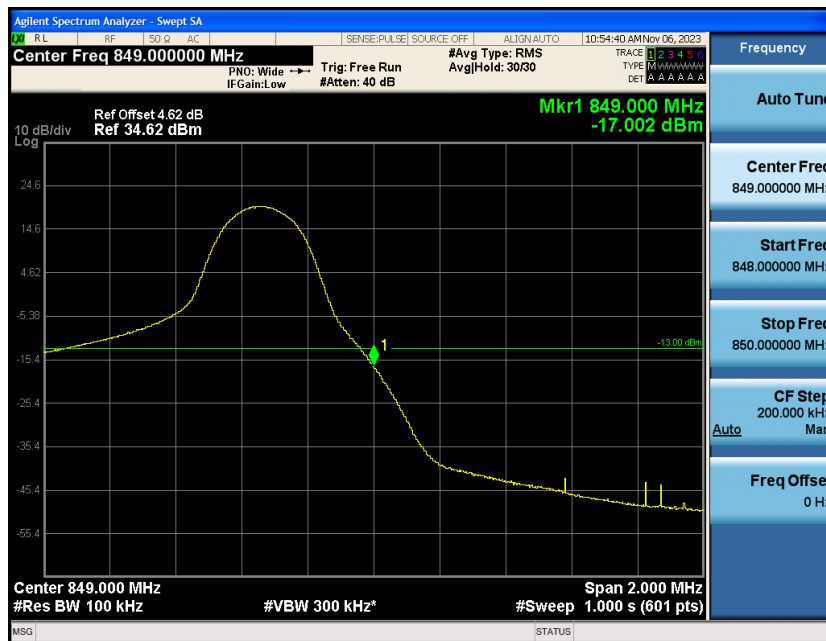
Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20625-1RB#0



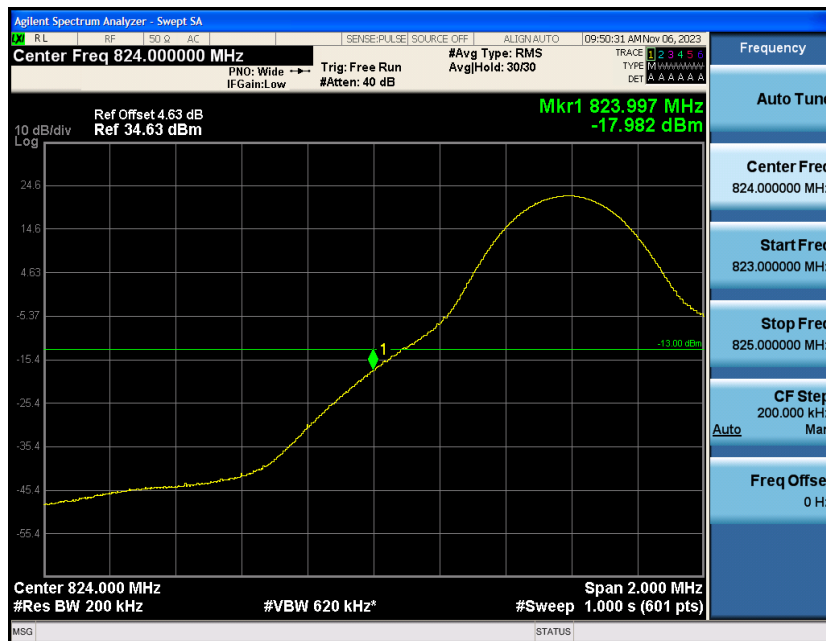
Band5-5MHz-16QAM-20625-1RB#24



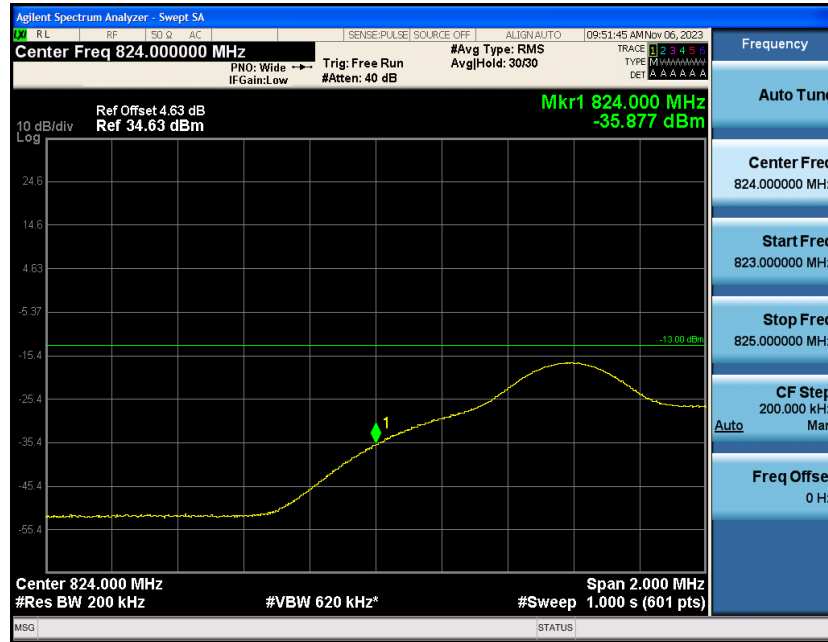
Band5-5MHz-16QAM-20625-25RB#0



Band5-10MHz-QPSK-20450-1RB#0



Band5-10MHz-QPSK-20450-1RB#49



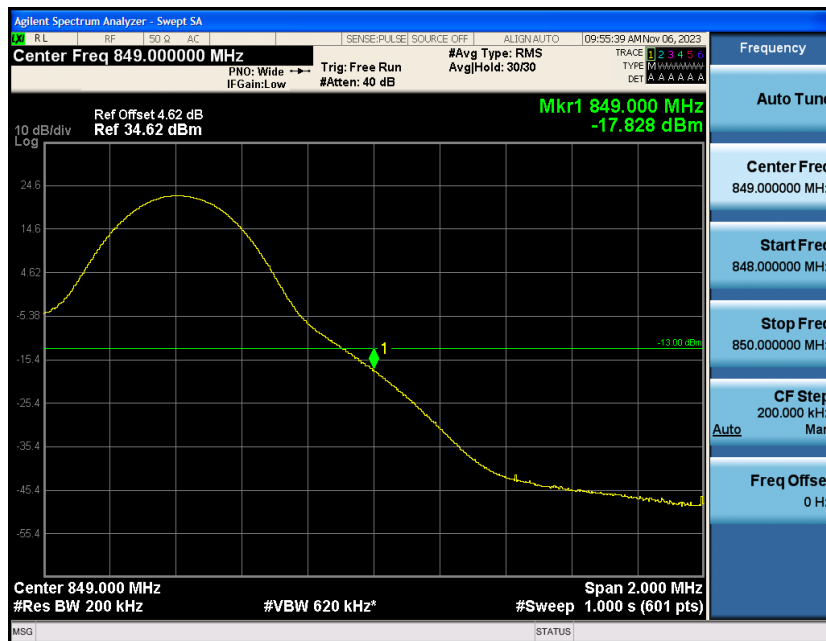
Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20600-1RB#0



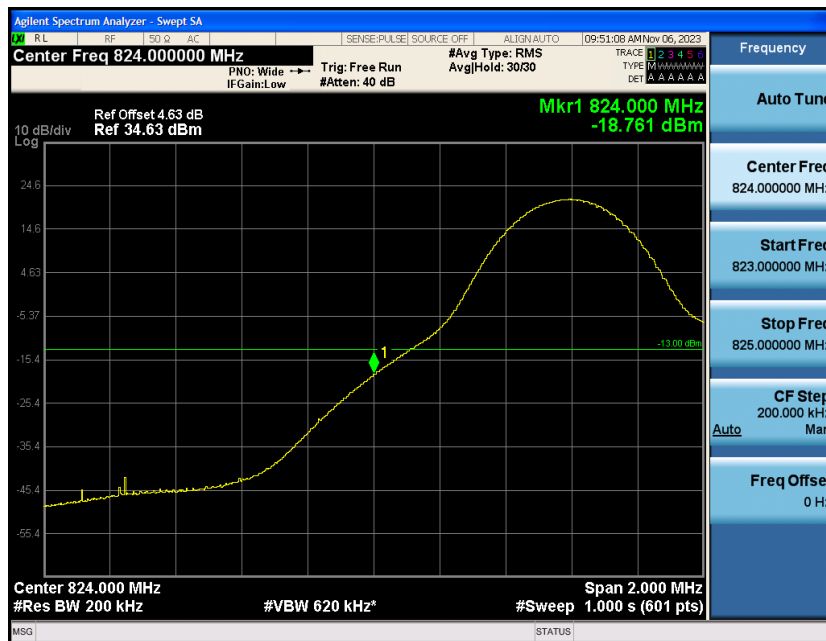
Band5-10MHz-QPSK-20600-1RB#49



Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-16QAM-20450-1RB#0



Band5-10MHz-16QAM-20450-1RB#49



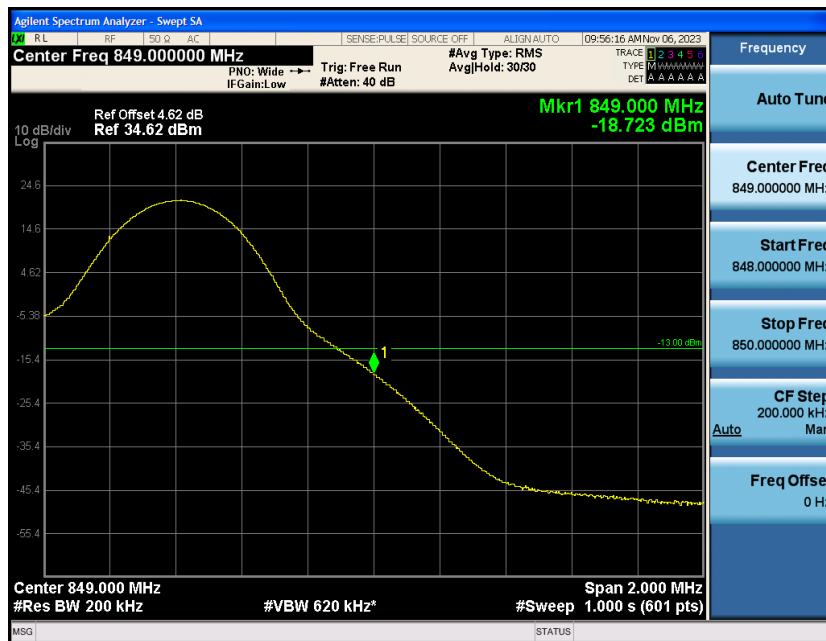
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Band5-10MHz-16QAM-20600-1RB#0



Band5-10MHz-16QAM-20600-1RB#49



Band5-10MHz-16QAM-20600-50RB#0



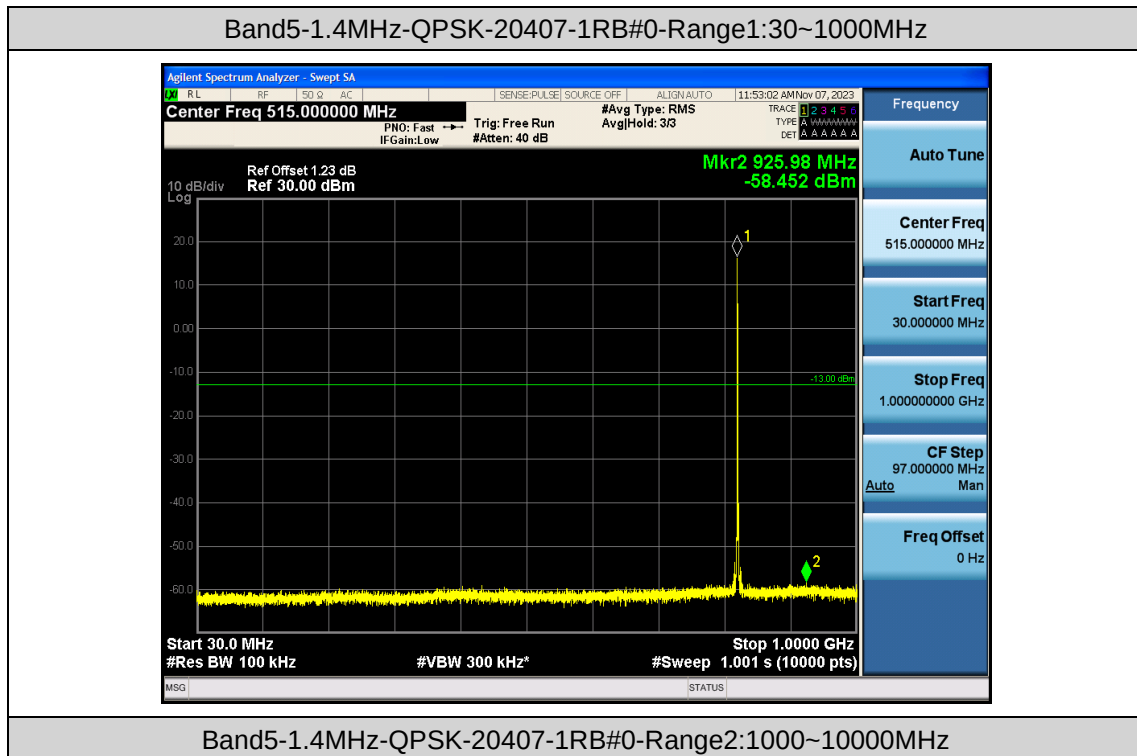
Appendix E: Conducted Spurious Emission

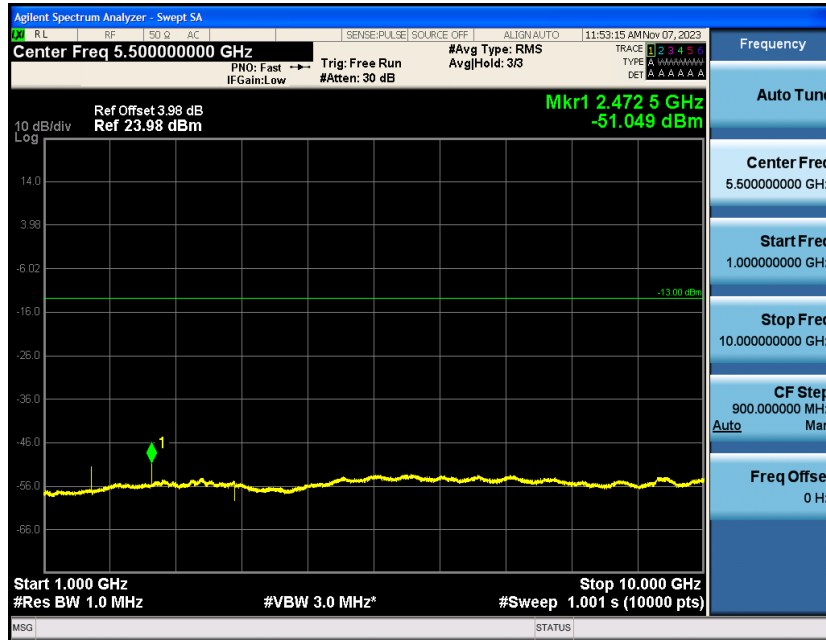
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-58.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-51.05	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-58.92	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-49.87	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-58.86	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-50.28	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-58.97	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-51.54	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-58.87	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-51.03	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-59.02	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-50.88	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:30~1000MHz	-58.61	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:1000~10000MHz	-51.35	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-58.68	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-50.23	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:30~1000MHz	-58.96	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range2:1000~10000MHz	-50.3	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:30~1000MHz	-58.99	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:1000~10000MHz	-52.43	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-58.77	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-51.74	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:30~1000MHz	-59.06	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:1000~10000MHz	-51.11	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:30~1000MHz	-58.73	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:1000~10000MHz	-50.84	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-58.86	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-50.78	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:30~1000MHz	-58.38	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:1000~10000MHz	-50.98	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:30~1000MHz	-58.9	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:1000~10000MHz	-52.47	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-58.55	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-51.72	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:30~1000MHz	-58.72	PASS

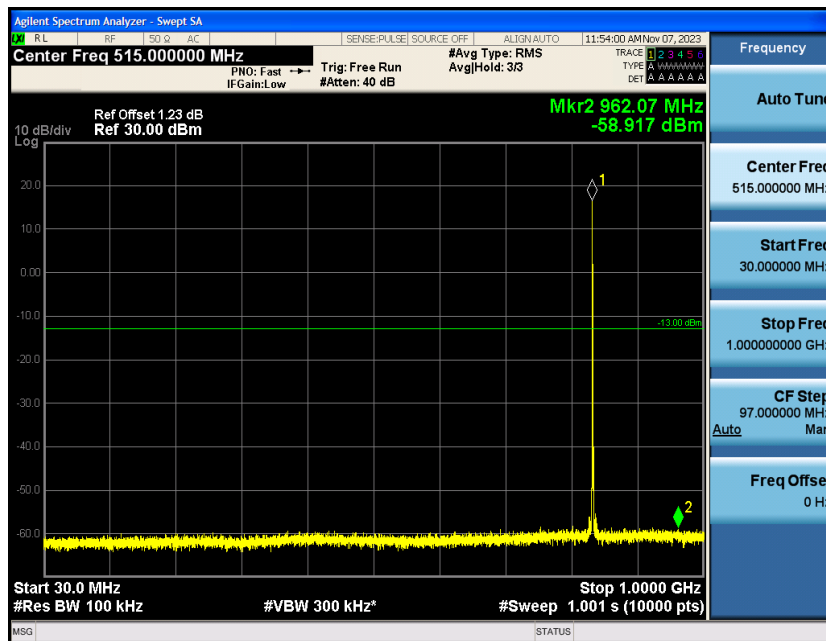
Band5	5MHz	16QAM	20625	1RB#0	Range2:1000~10000MHz	-52.44	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-58.72	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-51.21	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-58.82	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-52.02	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-58.86	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-50.23	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-58.46	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-51.29	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-58.85	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-53.05	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-58.9	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-49.93	PASS

Test Graphs

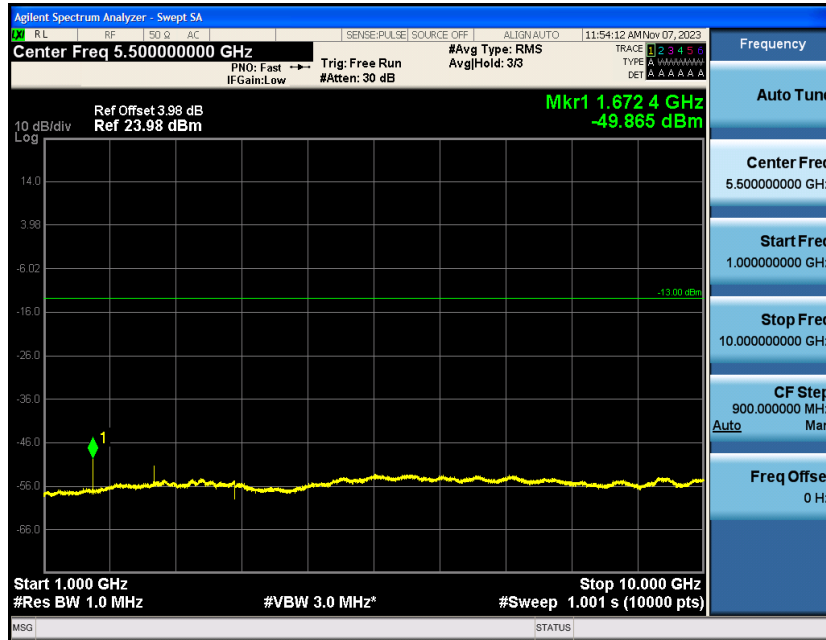




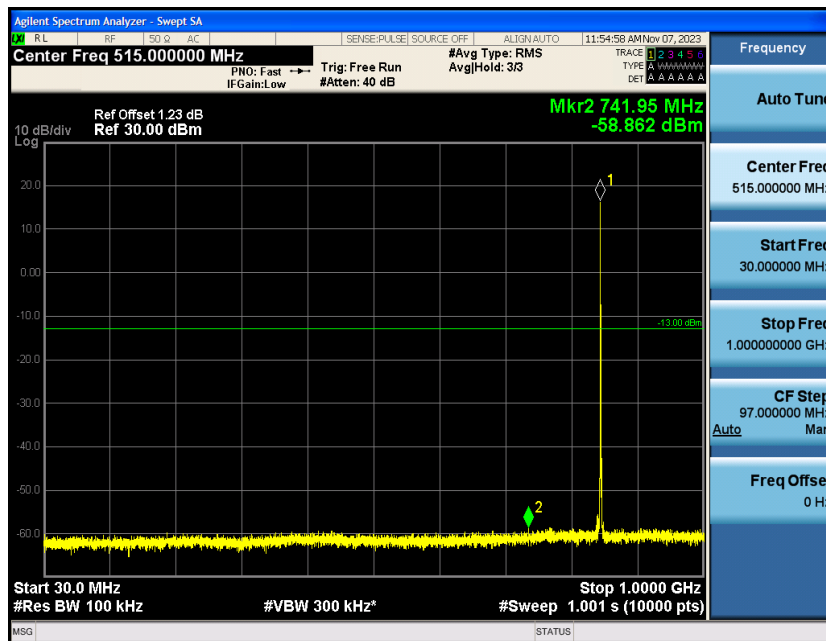
Band5-1.4MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



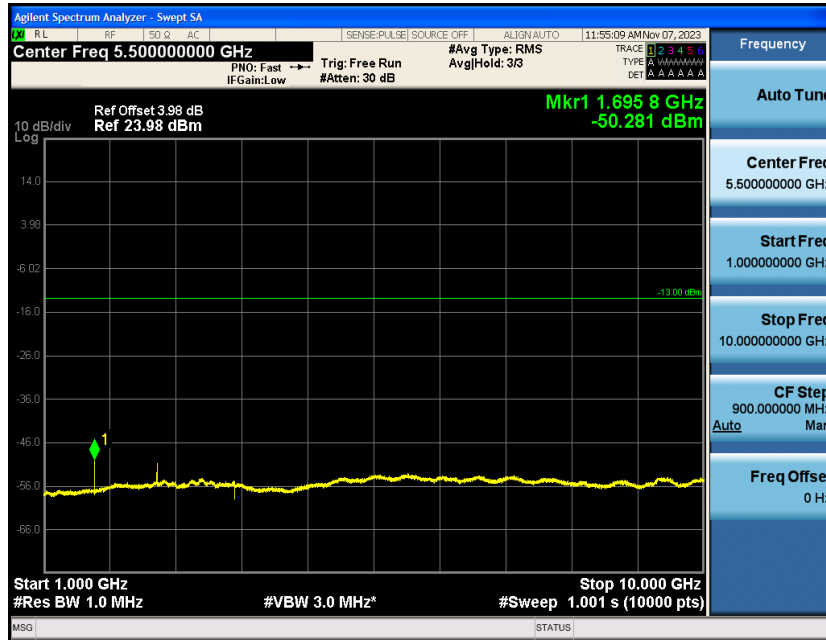
Band5-1.4MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



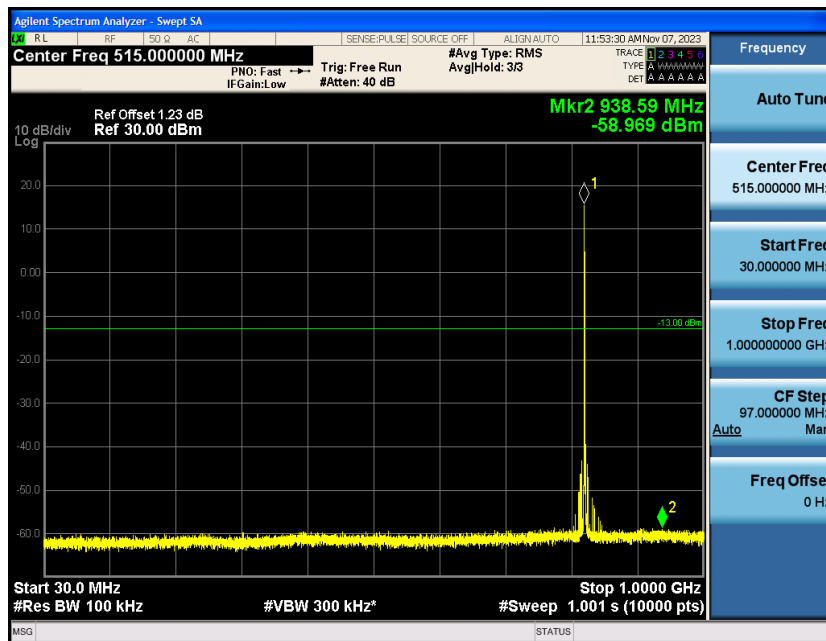
Band5-1.4MHz-QPSK-20643-1RB#0-Range1:30~1000MHz



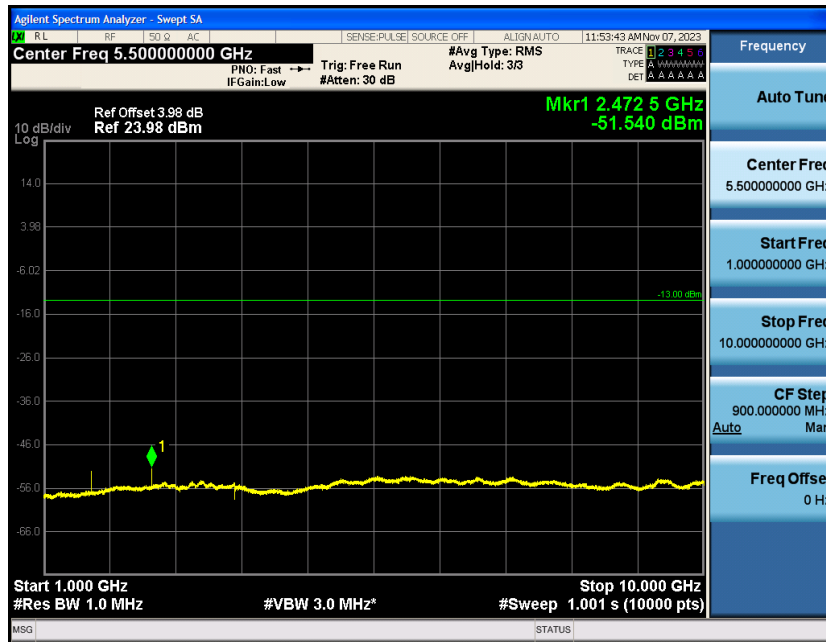
Band5-1.4MHz-QPSK-20643-1RB#0-Range2:1000~10000MHz



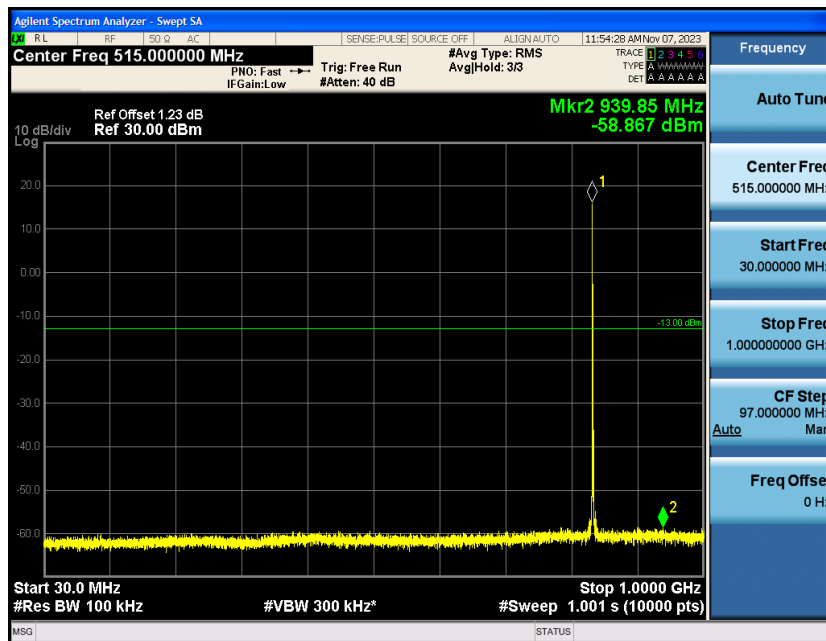
Band5-1.4MHz-16QAM-20407-1RB#0-Range1:30~1000MHz



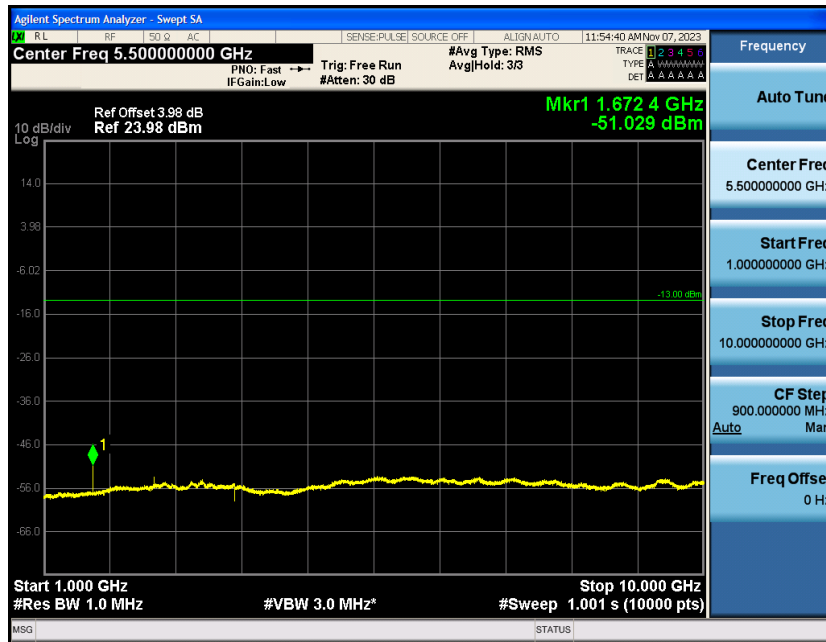
Band5-1.4MHz-16QAM-20407-1RB#0-Range2:1000~10000MHz



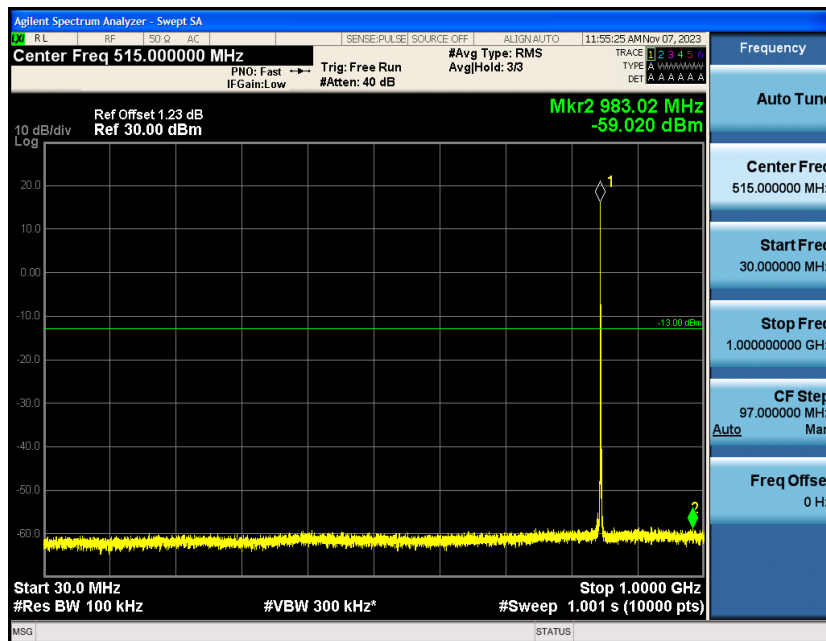
Band5-1.4MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



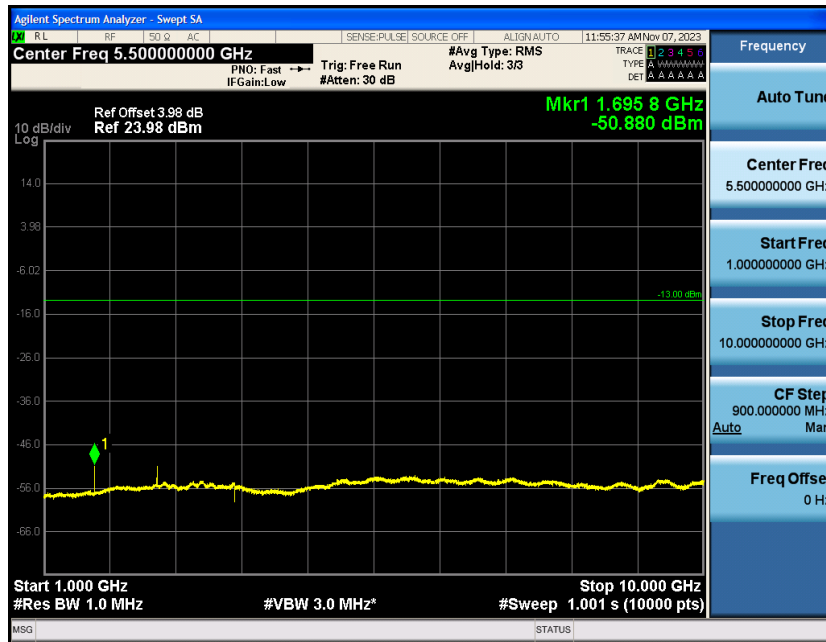
Band5-1.4MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



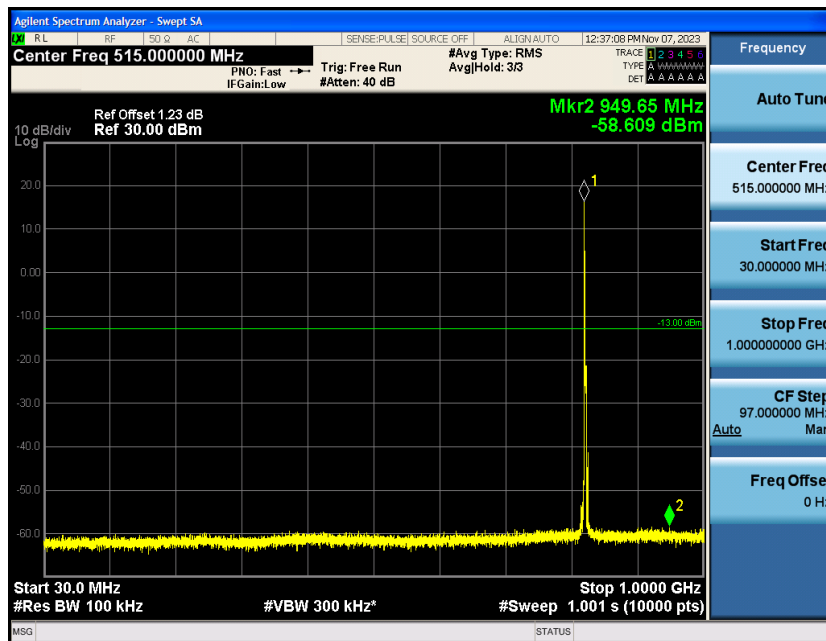
Band5-1.4MHz-16QAM-20643-1RB#0-Range1:30~1000MHz



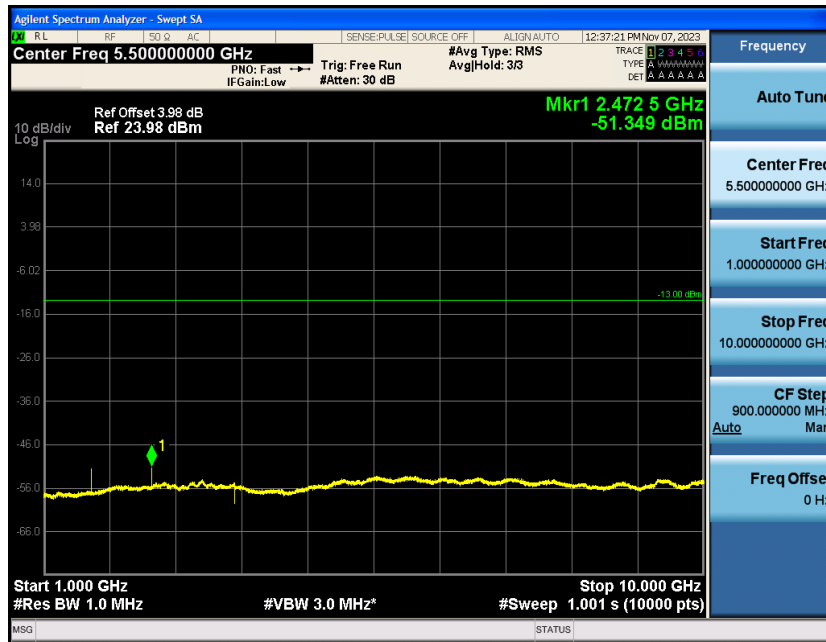
Band5-1.4MHz-16QAM-20643-1RB#0-Range2:1000~10000MHz



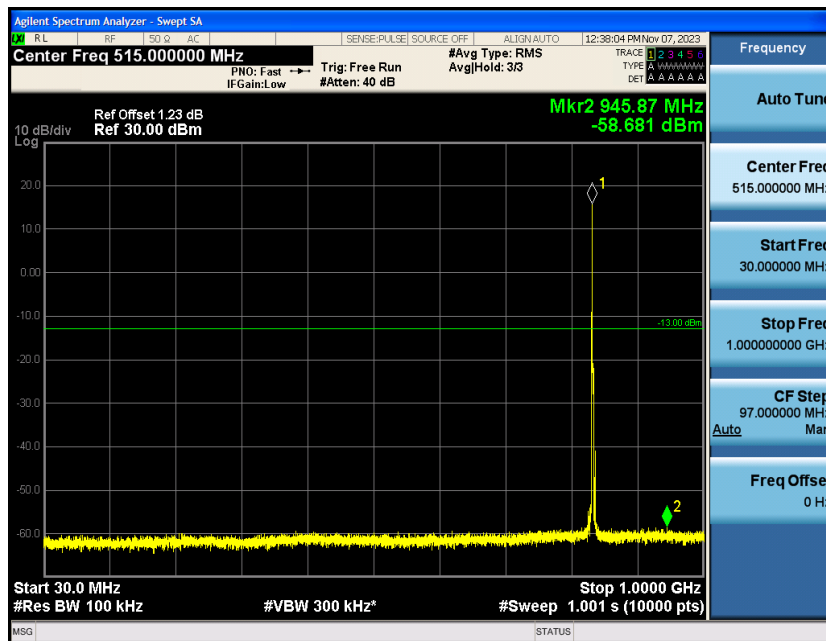
Band5-3MHz-QPSK-20415-1RB#0-Range1:30~1000MHz



Band5-3MHz-QPSK-20415-1RB#0-Range2:1000~10000MHz



Band5-3MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



Band5-3MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz