

Appendix for Band 26(814-824MHz)

Product Name: 4G Power Socket

Model No: GSMSOCUS4G (EXA)

Appendix A: Average Power Output

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	21.80	PASS
Band26	1.4MHz	QPSK	26697	1RB#2	21.89	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	22.04	PASS
Band26	1.4MHz	QPSK	26697	3RB#0	21.75	PASS
Band26	1.4MHz	QPSK	26697	3RB#1	21.68	PASS
Band26	1.4MHz	QPSK	26697	3RB#3	21.91	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	21.71	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	21.76	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	21.95	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	21.97	PASS
Band26	1.4MHz	QPSK	26740	3RB#0	21.88	PASS
Band26	1.4MHz	QPSK	26740	3RB#1	21.79	PASS
Band26	1.4MHz	QPSK	26740	3RB#3	21.81	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	20.85	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	21.81	PASS
Band26	1.4MHz	QPSK	26783	1RB#2	21.64	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	21.42	PASS
Band26	1.4MHz	QPSK	26783	3RB#0	21.68	PASS
Band26	1.4MHz	QPSK	26783	3RB#1	21.68	PASS
Band26	1.4MHz	QPSK	26783	3RB#3	21.58	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	20.64	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	20.79	PASS
Band26	1.4MHz	16QAM	26697	1RB#2	21.25	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	20.83	PASS
Band26	1.4MHz	16QAM	26697	3RB#0	20.71	PASS
Band26	1.4MHz	16QAM	26697	3RB#1	20.66	PASS
Band26	1.4MHz	16QAM	26697	3RB#3	20.90	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	20.58	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	20.92	PASS
Band26	1.4MHz	16QAM	26740	1RB#2	20.96	PASS
Band26	1.4MHz	16QAM	26740	1RB#5	20.94	PASS

Band26	1.4MHz	16QAM	26740	3RB#0	20.45	PASS
Band26	1.4MHz	16QAM	26740	3RB#1	20.45	PASS
Band26	1.4MHz	16QAM	26740	3RB#3	20.60	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	20.51	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	20.76	PASS
Band26	1.4MHz	16QAM	26783	1RB#2	20.74	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	20.57	PASS
Band26	1.4MHz	16QAM	26783	3RB#0	20.54	PASS
Band26	1.4MHz	16QAM	26783	3RB#1	20.43	PASS
Band26	1.4MHz	16QAM	26783	3RB#3	20.35	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	20.57	PASS
Band26	3MHz	QPSK	26705	1RB#0	21.75	PASS
Band26	3MHz	QPSK	26705	1RB#8	22.11	PASS
Band26	3MHz	QPSK	26705	1RB#14	21.78	PASS
Band26	3MHz	QPSK	26705	8RB#0	20.84	PASS
Band26	3MHz	QPSK	26705	8RB#4	20.82	PASS
Band26	3MHz	QPSK	26705	8RB#7	20.74	PASS
Band26	3MHz	QPSK	26705	15RB#0	20.93	PASS
Band26	3MHz	QPSK	26740	1RB#0	21.62	PASS
Band26	3MHz	QPSK	26740	1RB#8	21.90	PASS
Band26	3MHz	QPSK	26740	1RB#14	21.79	PASS
Band26	3MHz	QPSK	26740	8RB#0	20.73	PASS
Band26	3MHz	QPSK	26740	8RB#4	20.64	PASS
Band26	3MHz	QPSK	26740	8RB#7	20.85	PASS
Band26	3MHz	QPSK	26740	15RB#0	20.75	PASS
Band26	3MHz	QPSK	26775	1RB#0	21.76	PASS
Band26	3MHz	QPSK	26775	1RB#8	21.52	PASS
Band26	3MHz	QPSK	26775	1RB#14	21.40	PASS
Band26	3MHz	QPSK	26775	8RB#0	20.70	PASS
Band26	3MHz	QPSK	26775	8RB#4	20.74	PASS
Band26	3MHz	QPSK	26775	8RB#7	20.61	PASS
Band26	3MHz	QPSK	26775	15RB#0	20.60	PASS
Band26	3MHz	16QAM	26705	1RB#0	20.72	PASS
Band26	3MHz	16QAM	26705	1RB#8	20.83	PASS
Band26	3MHz	16QAM	26705	1RB#14	20.44	PASS
Band26	3MHz	16QAM	26705	8RB#0	20.81	PASS
Band26	3MHz	16QAM	26705	8RB#4	20.95	PASS

Band26	3MHz	16QAM	26705	8RB#7	20.69	PASS
Band26	3MHz	16QAM	26705	15RB#0	20.77	PASS
Band26	3MHz	16QAM	26740	1RB#0	20.81	PASS
Band26	3MHz	16QAM	26740	1RB#8	21.18	PASS
Band26	3MHz	16QAM	26740	1RB#14	20.61	PASS
Band26	3MHz	16QAM	26740	8RB#0	20.56	PASS
Band26	3MHz	16QAM	26740	8RB#4	20.98	PASS
Band26	3MHz	16QAM	26740	8RB#7	20.78	PASS
Band26	3MHz	16QAM	26740	15RB#0	20.70	PASS
Band26	3MHz	16QAM	26775	1RB#0	20.71	PASS
Band26	3MHz	16QAM	26775	1RB#8	20.48	PASS
Band26	3MHz	16QAM	26775	1RB#14	20.65	PASS
Band26	3MHz	16QAM	26775	8RB#0	20.86	PASS
Band26	3MHz	16QAM	26775	8RB#4	20.77	PASS
Band26	3MHz	16QAM	26775	8RB#7	20.44	PASS
Band26	3MHz	16QAM	26775	15RB#0	20.58	PASS
Band26	5MHz	QPSK	26715	1RB#0	21.91	PASS
Band26	5MHz	QPSK	26715	1RB#12	22.07	PASS
Band26	5MHz	QPSK	26715	1RB#24	21.75	PASS
Band26	5MHz	QPSK	26715	12RB#0	20.84	PASS
Band26	5MHz	QPSK	26715	12RB#6	20.82	PASS
Band26	5MHz	QPSK	26715	12RB#13	20.76	PASS
Band26	5MHz	QPSK	26715	25RB#0	20.61	PASS
Band26	5MHz	QPSK	26740	1RB#0	21.53	PASS
Band26	5MHz	QPSK	26740	1RB#12	21.80	PASS
Band26	5MHz	QPSK	26740	1RB#24	21.79	PASS
Band26	5MHz	QPSK	26740	12RB#0	20.74	PASS
Band26	5MHz	QPSK	26740	12RB#6	20.62	PASS
Band26	5MHz	QPSK	26740	12RB#13	20.86	PASS
Band26	5MHz	QPSK	26740	25RB#0	20.84	PASS
Band26	5MHz	QPSK	26765	1RB#0	21.67	PASS
Band26	5MHz	QPSK	26765	1RB#12	21.88	PASS
Band26	5MHz	QPSK	26765	1RB#24	21.32	PASS
Band26	5MHz	QPSK	26765	12RB#0	20.84	PASS
Band26	5MHz	QPSK	26765	12RB#6	20.79	PASS
Band26	5MHz	QPSK	26765	12RB#13	20.77	PASS
Band26	5MHz	QPSK	26765	25RB#0	20.63	PASS

Band26	5MHz	16QAM	26715	1RB#0	20.81	PASS
Band26	5MHz	16QAM	26715	1RB#12	20.84	PASS
Band26	5MHz	16QAM	26715	1RB#24	20.48	PASS
Band26	5MHz	16QAM	26715	12RB#0	20.44	PASS
Band26	5MHz	16QAM	26715	12RB#6	20.50	PASS
Band26	5MHz	16QAM	26715	12RB#13	20.82	PASS
Band26	5MHz	16QAM	26715	25RB#0	20.85	PASS
Band26	5MHz	16QAM	26740	1RB#0	20.69	PASS
Band26	5MHz	16QAM	26740	1RB#12	21.29	PASS
Band26	5MHz	16QAM	26740	1RB#24	20.56	PASS
Band26	5MHz	16QAM	26740	12RB#0	20.69	PASS
Band26	5MHz	16QAM	26740	12RB#6	20.69	PASS
Band26	5MHz	16QAM	26740	12RB#13	20.75	PASS
Band26	5MHz	16QAM	26740	25RB#0	20.84	PASS
Band26	5MHz	16QAM	26765	1RB#0	20.90	PASS
Band26	5MHz	16QAM	26765	1RB#12	20.54	PASS
Band26	5MHz	16QAM	26765	1RB#24	20.61	PASS
Band26	5MHz	16QAM	26765	12RB#0	20.86	PASS
Band26	5MHz	16QAM	26765	12RB#6	20.79	PASS
Band26	5MHz	16QAM	26765	12RB#13	20.65	PASS
Band26	5MHz	16QAM	26765	25RB#0	20.63	PASS
Band26	10MHz	QPSK	26740	1RB#0	21.55	PASS
Band26	10MHz	QPSK	26740	1RB#24	22.12	PASS
Band26	10MHz	QPSK	26740	1RB#49	21.44	PASS
Band26	10MHz	QPSK	26740	25RB#0	20.65	PASS
Band26	10MHz	QPSK	26740	25RB#12	20.70	PASS
Band26	10MHz	QPSK	26740	25RB#25	20.87	PASS
Band26	10MHz	QPSK	26740	50RB#0	20.75	PASS
Band26	10MHz	16QAM	26740	1RB#0	20.51	PASS
Band26	10MHz	16QAM	26740	1RB#24	21.26	PASS
Band26	10MHz	16QAM	26740	1RB#49	20.35	PASS
Band26	10MHz	16QAM	26740	25RB#0	20.92	PASS
Band26	10MHz	16QAM	26740	25RB#12	20.94	PASS
Band26	10MHz	16QAM	26740	25RB#25	20.55	PASS
Band26	10MHz	16QAM	26740	50RB#0	20.67	PASS

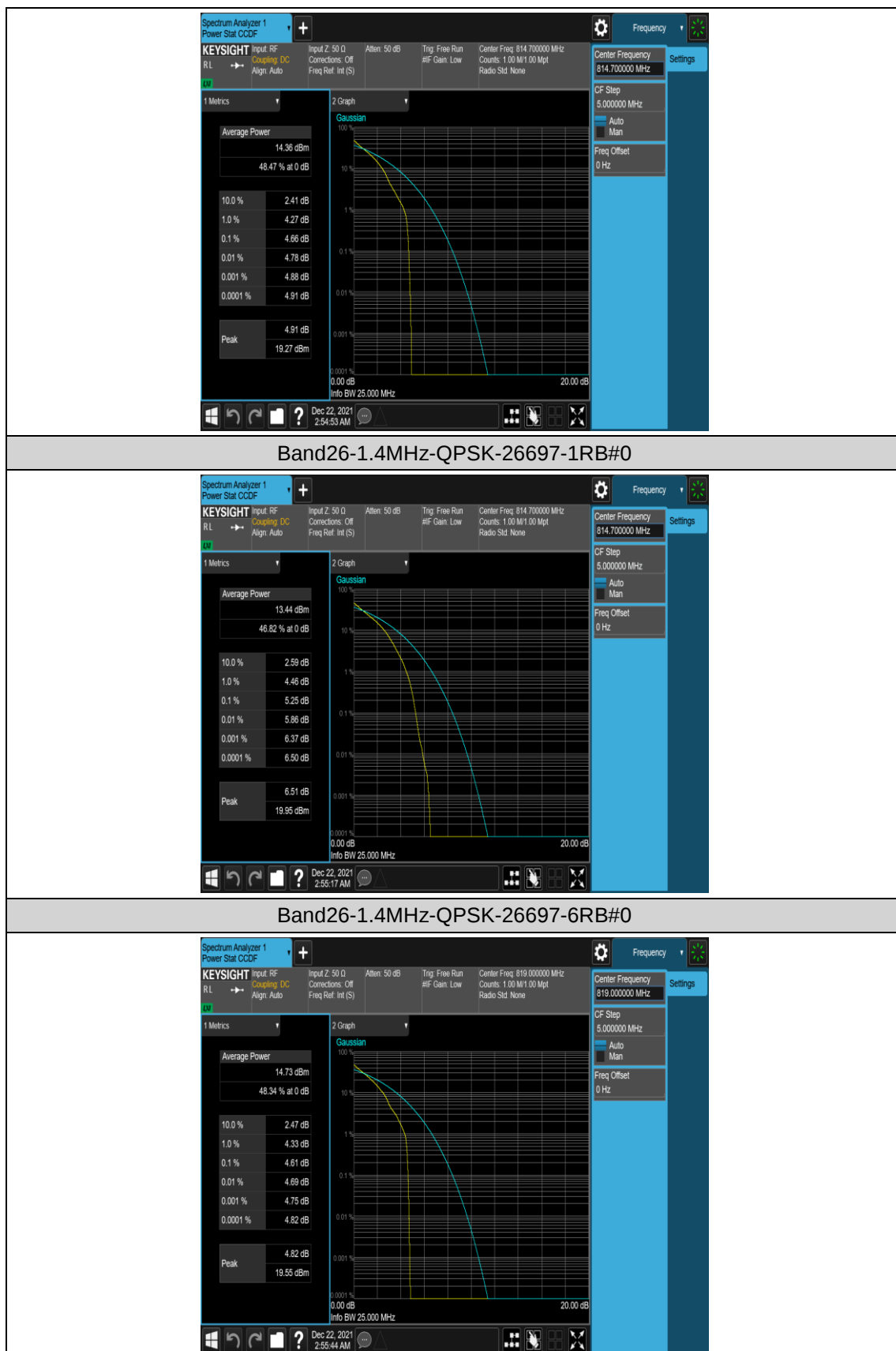
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

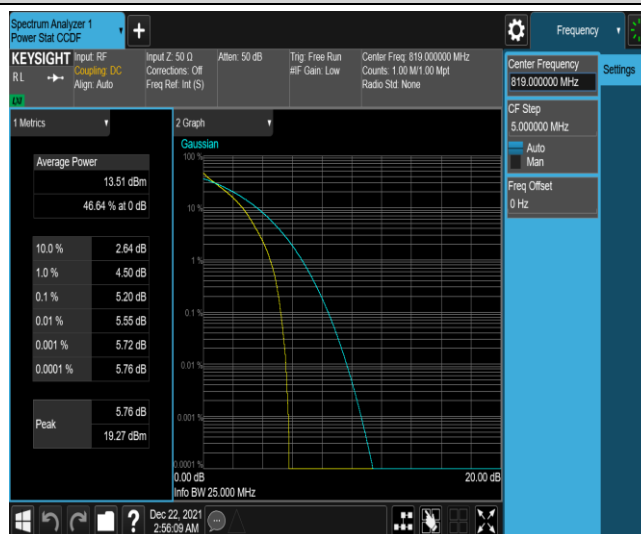
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	4.66	13	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	5.25	13	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	4.61	13	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	5.20	13	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	4.41	13	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	5.05	13	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	5.67	13	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	6.15	13	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	5.68	13	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	6.10	13	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	5.26	13	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	5.95	13	PASS
Band26	3MHz	QPSK	26705	1RB#0	4.70	13	PASS
Band26	3MHz	QPSK	26705	15RB#0	5.33	13	PASS
Band26	3MHz	QPSK	26740	1RB#0	4.63	13	PASS
Band26	3MHz	QPSK	26740	15RB#0	5.24	13	PASS
Band26	3MHz	QPSK	26775	1RB#0	4.52	13	PASS
Band26	3MHz	QPSK	26775	15RB#0	5.11	13	PASS
Band26	3MHz	16QAM	26705	1RB#0	5.53	13	PASS
Band26	3MHz	16QAM	26705	15RB#0	6.14	13	PASS
Band26	3MHz	16QAM	26740	1RB#0	5.67	13	PASS
Band26	3MHz	16QAM	26740	15RB#0	6.07	13	PASS
Band26	3MHz	16QAM	26775	1RB#0	5.51	13	PASS
Band26	3MHz	16QAM	26775	15RB#0	5.99	13	PASS
Band26	5MHz	QPSK	26715	1RB#0	4.61	13	PASS
Band26	5MHz	QPSK	26715	25RB#0	5.26	13	PASS
Band26	5MHz	QPSK	26740	1RB#0	4.63	13	PASS
Band26	5MHz	QPSK	26740	25RB#0	5.16	13	PASS
Band26	5MHz	QPSK	26765	1RB#0	4.56	13	PASS
Band26	5MHz	QPSK	26765	25RB#0	5.15	13	PASS
Band26	5MHz	16QAM	26715	1RB#0	5.47	13	PASS
Band26	5MHz	16QAM	26715	25RB#0	6.10	13	PASS
Band26	5MHz	16QAM	26740	1RB#0	5.44	13	PASS
Band26	5MHz	16QAM	26740	25RB#0	5.98	13	PASS
Band26	5MHz	16QAM	26765	1RB#0	5.45	13	PASS
Band26	5MHz	16QAM	26765	25RB#0	6.02	13	PASS
Band26	10MHz	QPSK	26740	1RB#0	4.58	13	PASS

Band26	10MHz	QPSK	26740	50RB#0	4.98	13	PASS
Band26	10MHz	16QAM	26740	1RB#0	5.67	13	PASS
Band26	10MHz	16QAM	26740	50RB#0	5.99	13	PASS

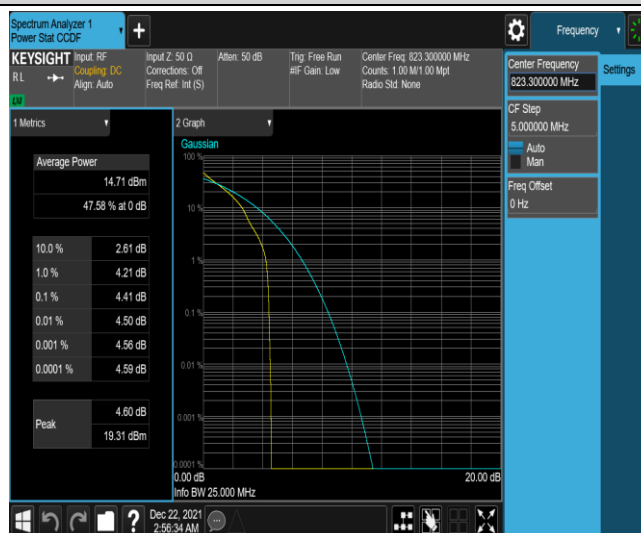
Test Graphs



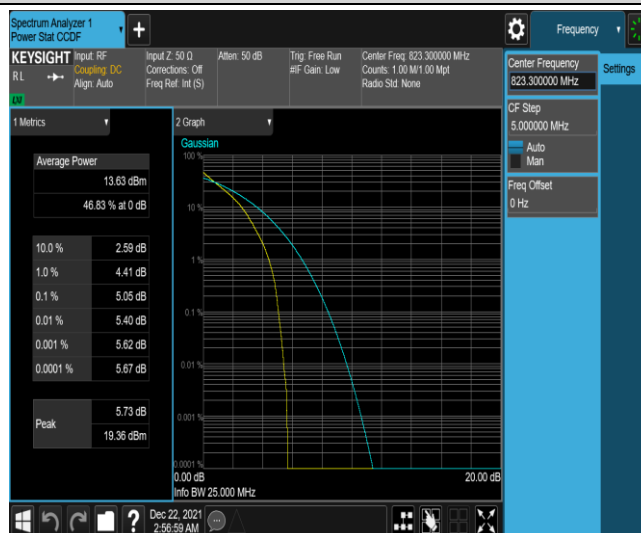
Band26-1.4MHz-QPSK-26740-1RB#0



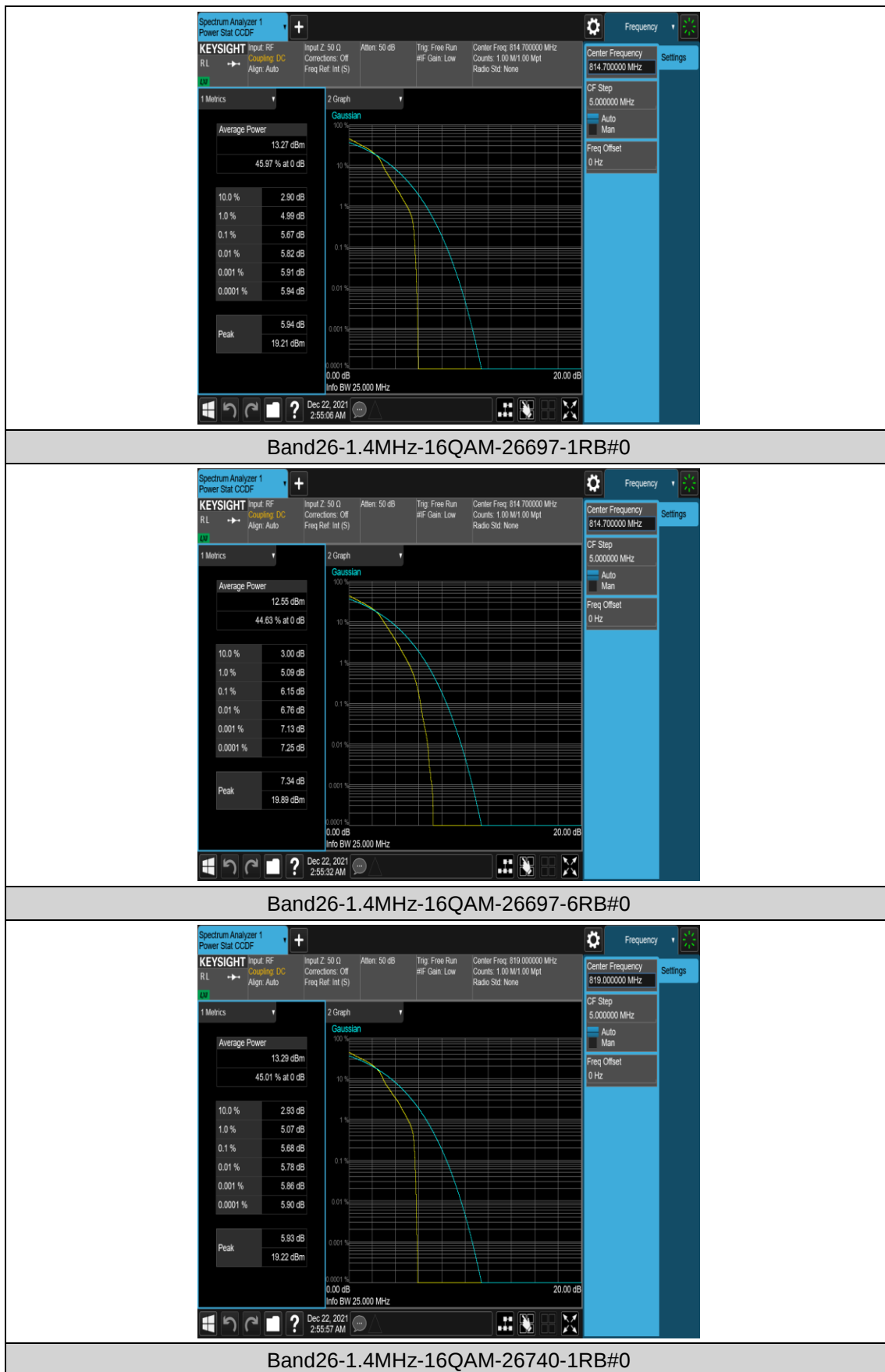
Band26-1.4MHz-QPSK-26740-6RB#0

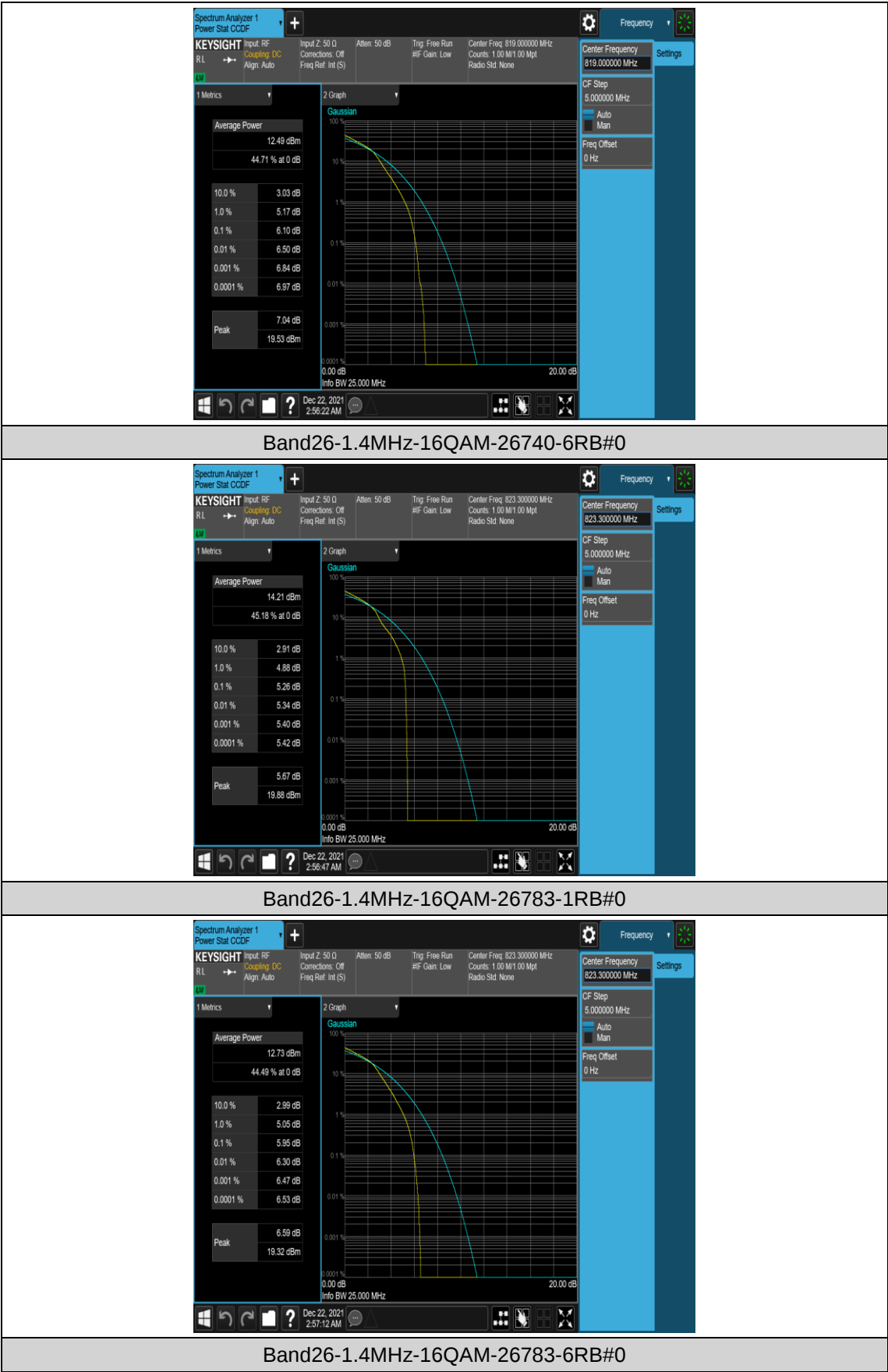


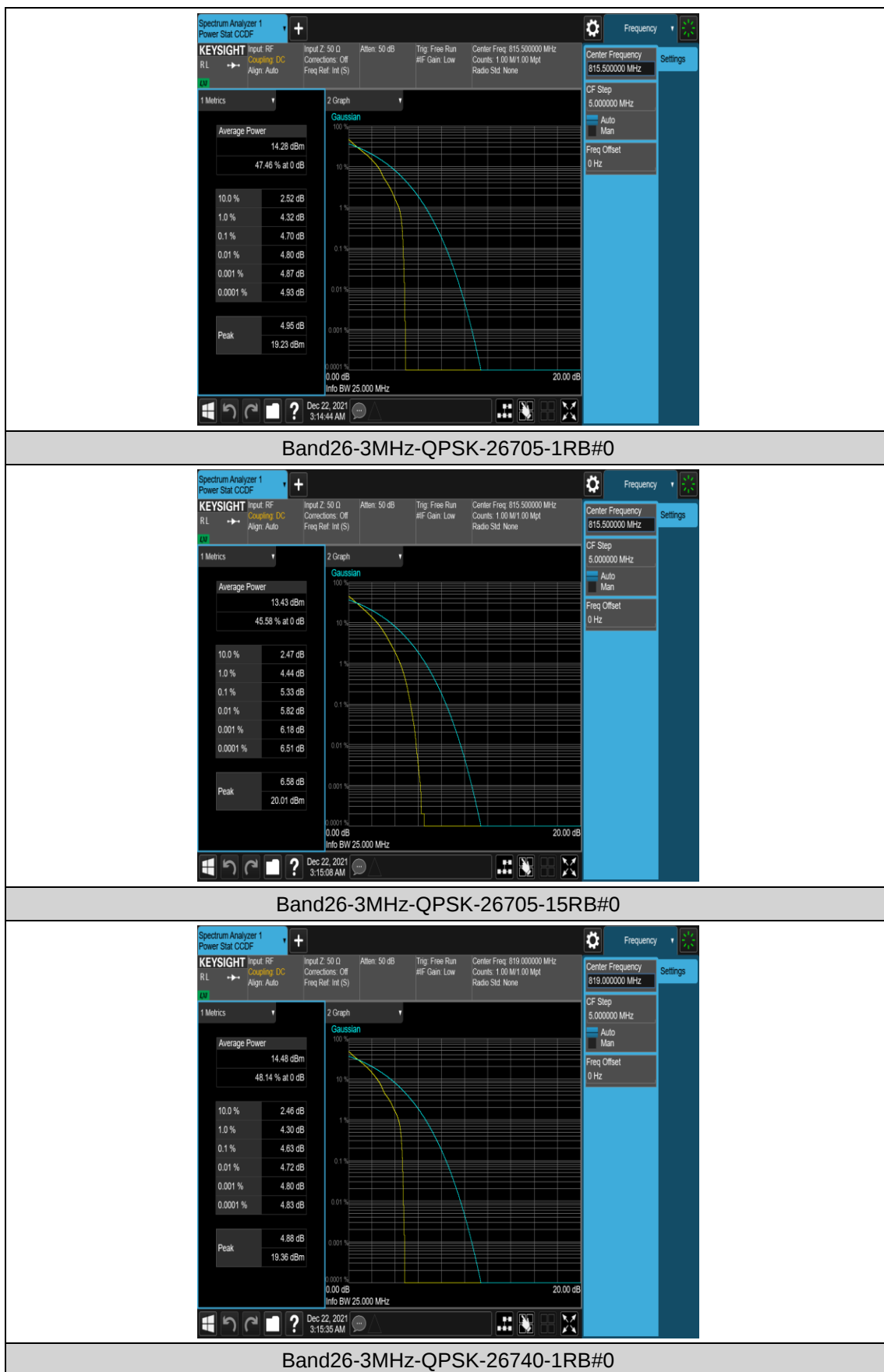
Band26-1.4MHz-QPSK-26783-1RB#0

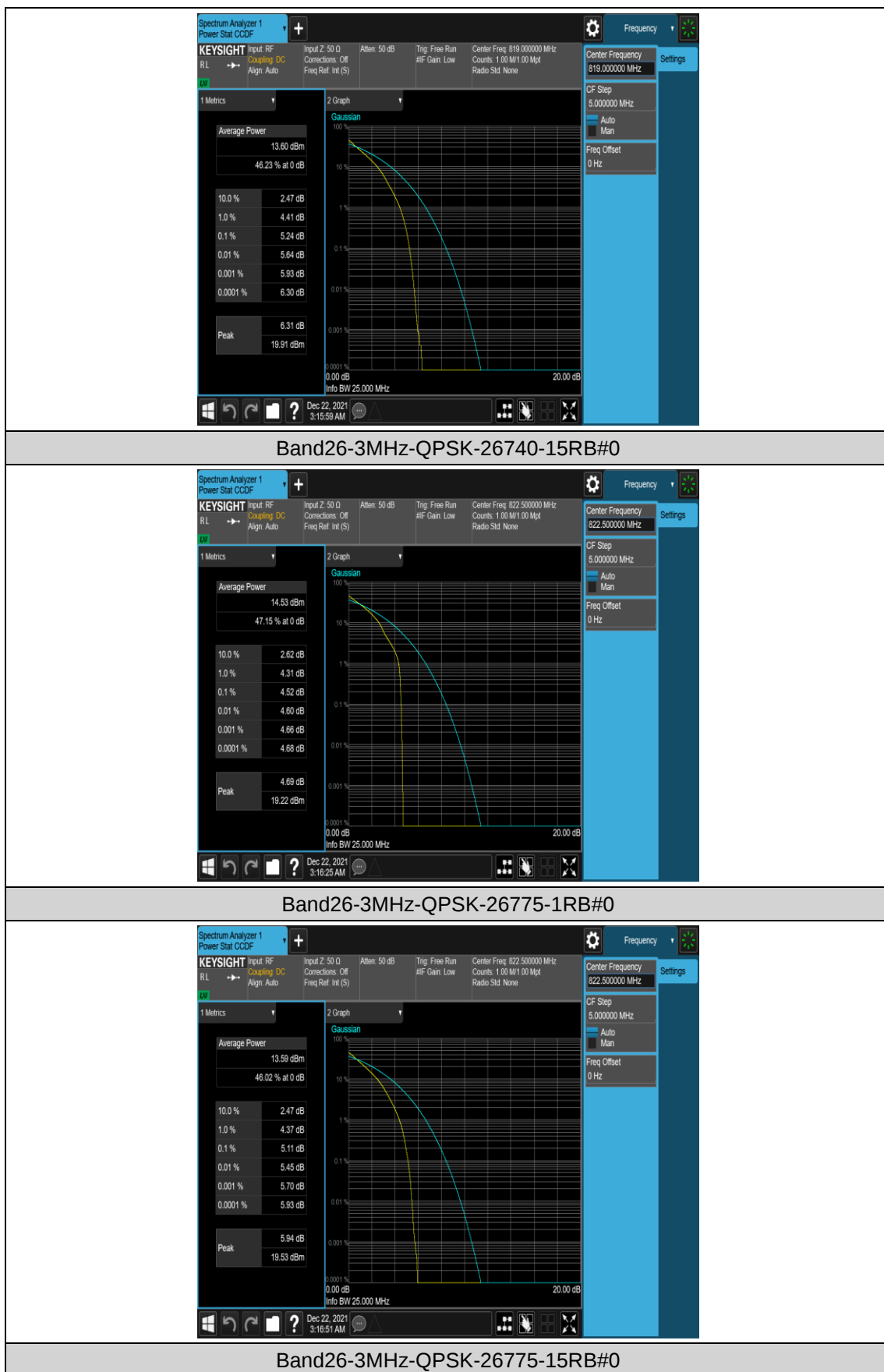


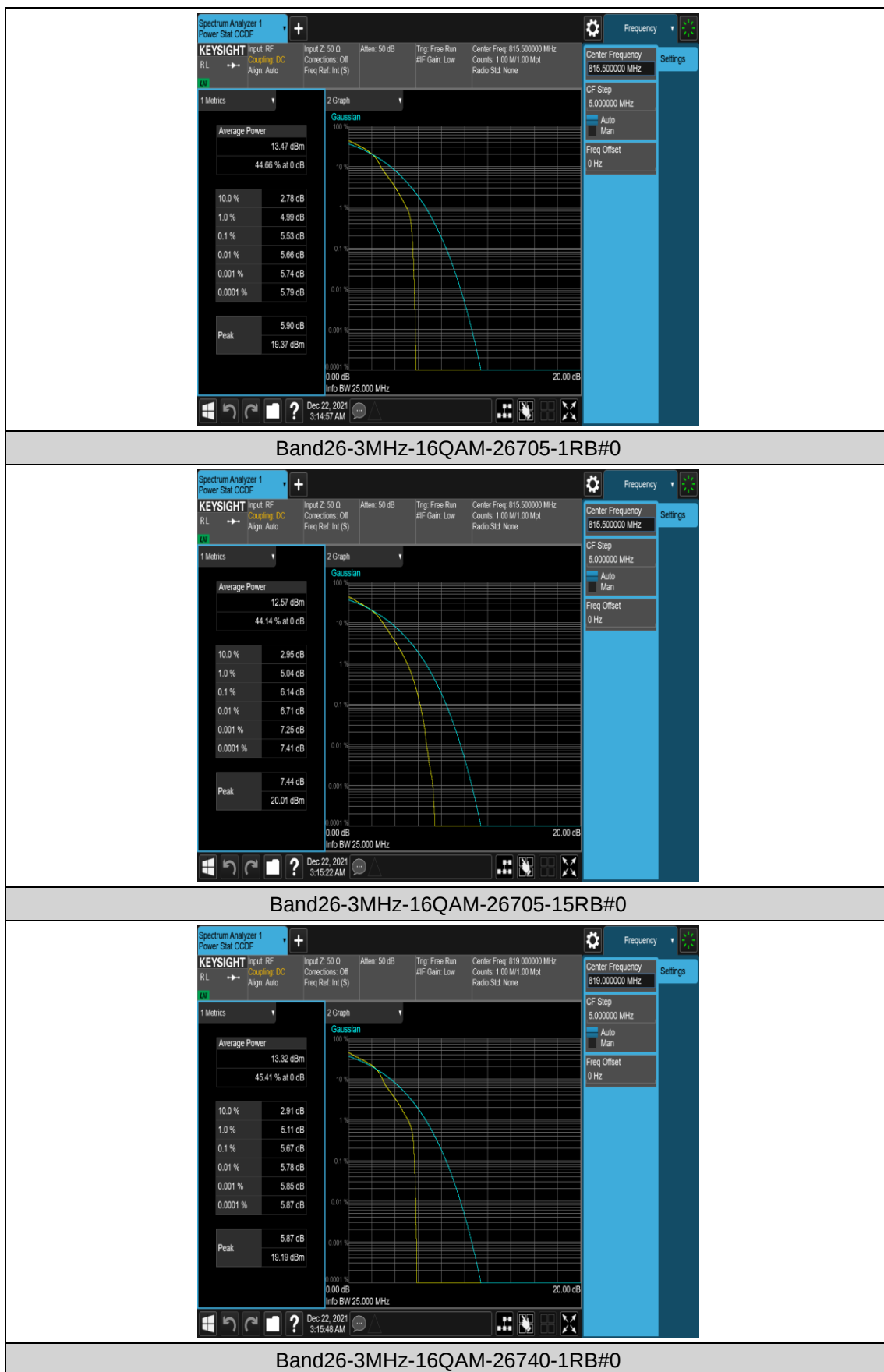
Band26-1.4MHz-QPSK-26783-6RB#0

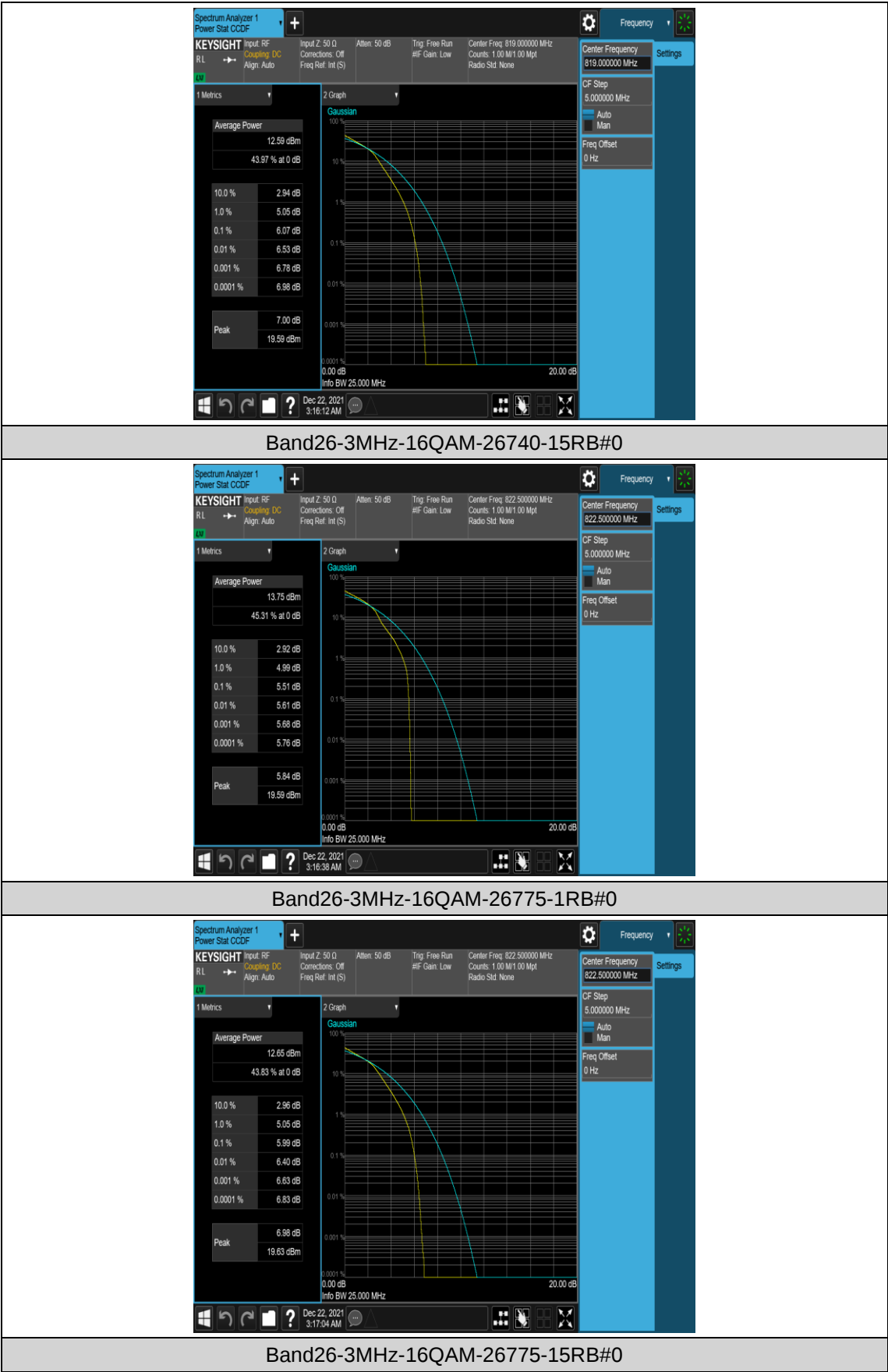


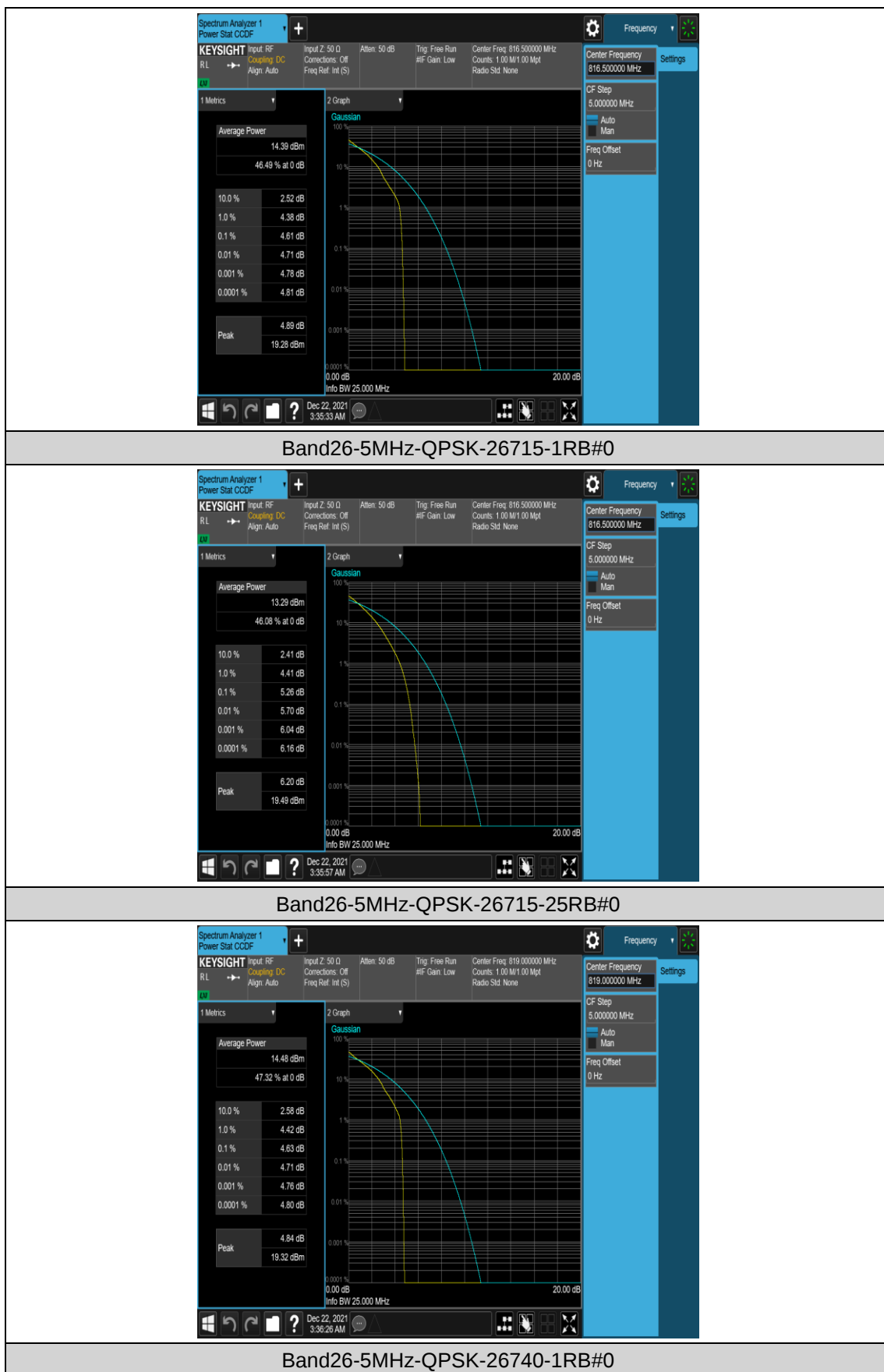


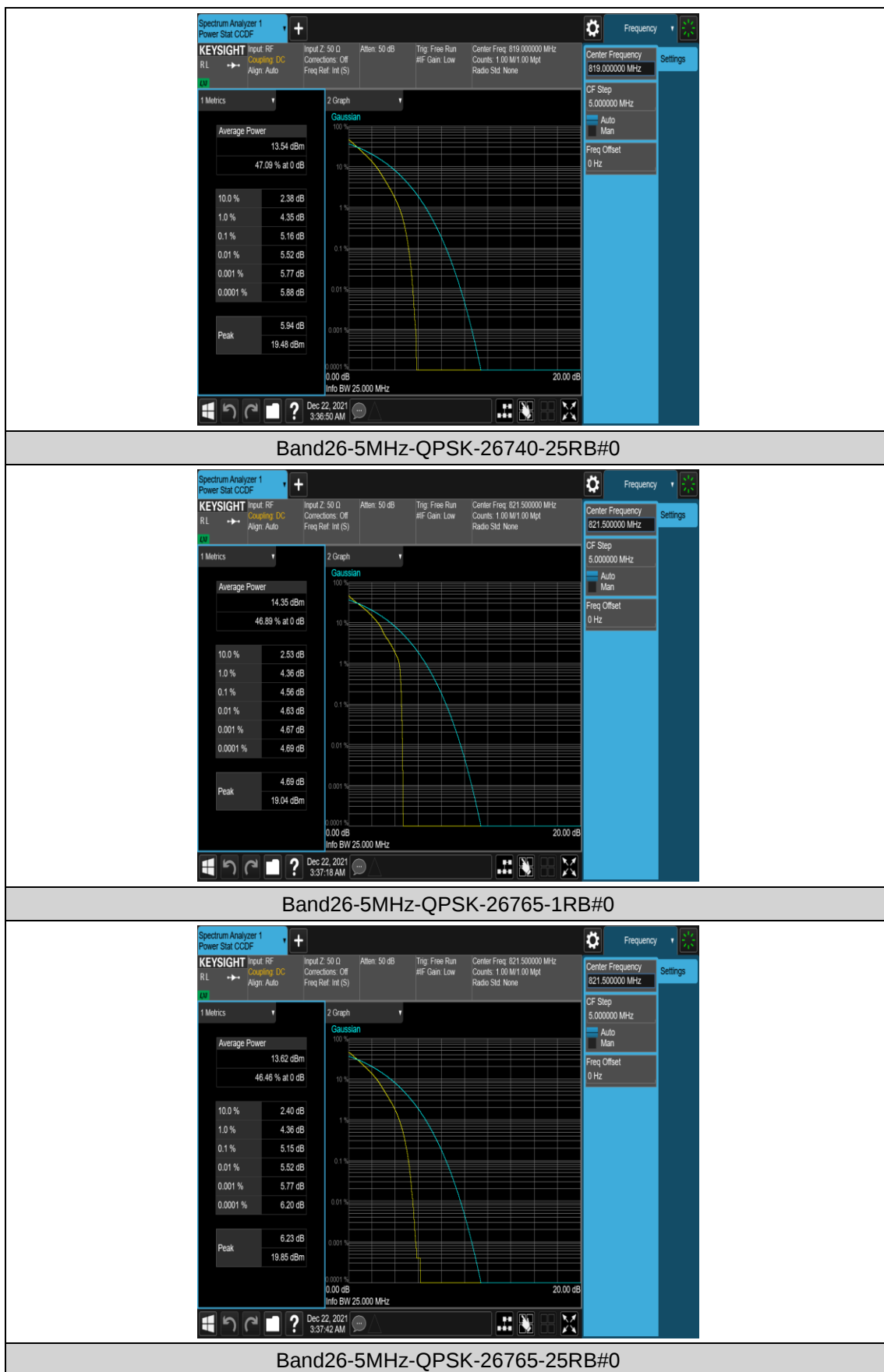


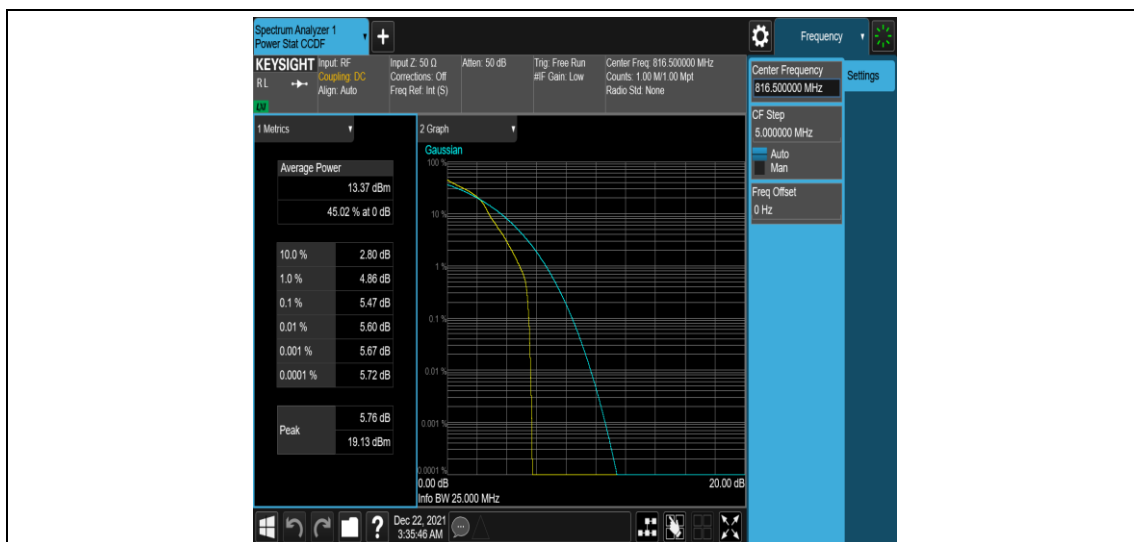












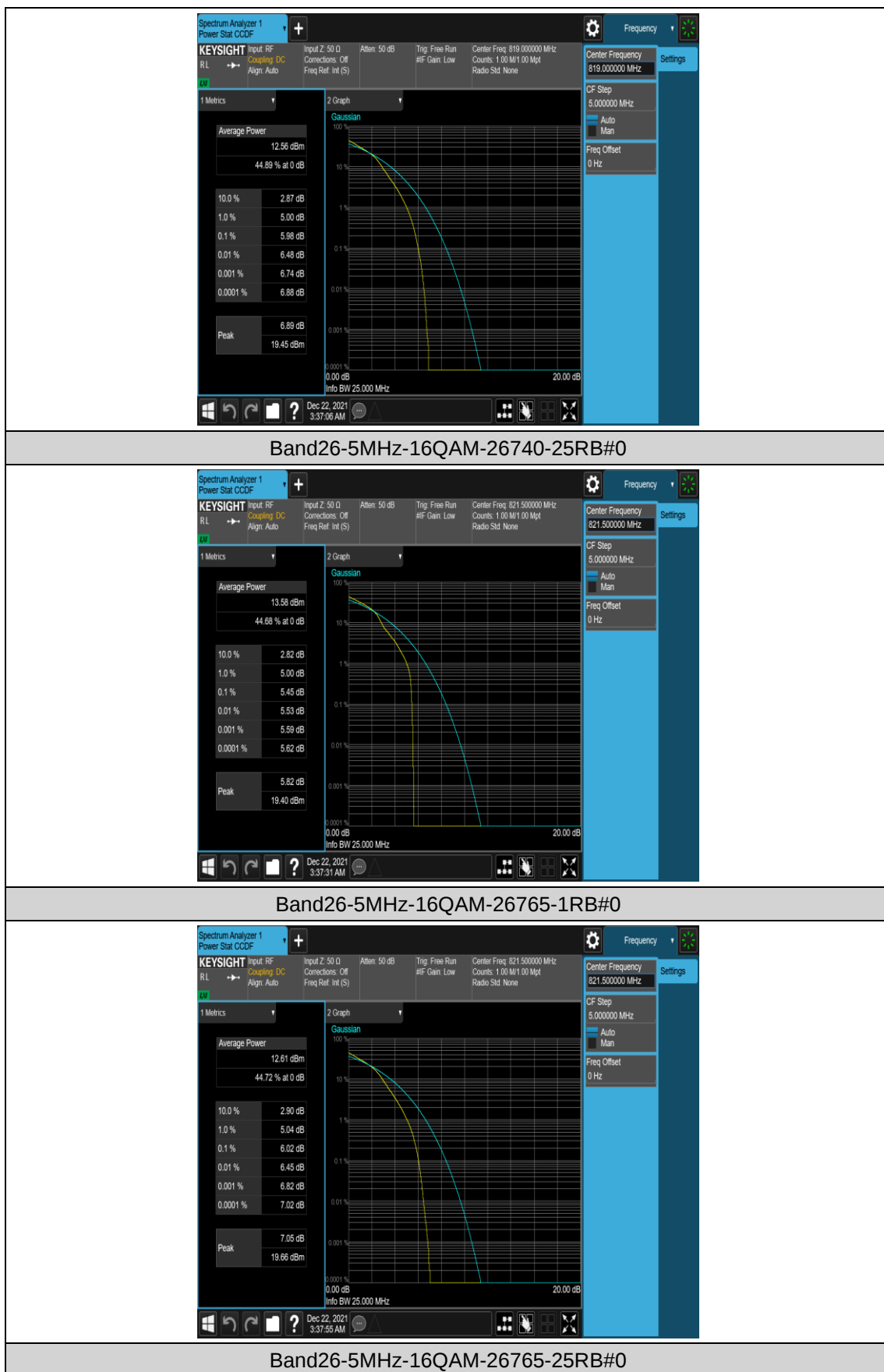
Band26-5MHz-16QAM-26715-1RB#0

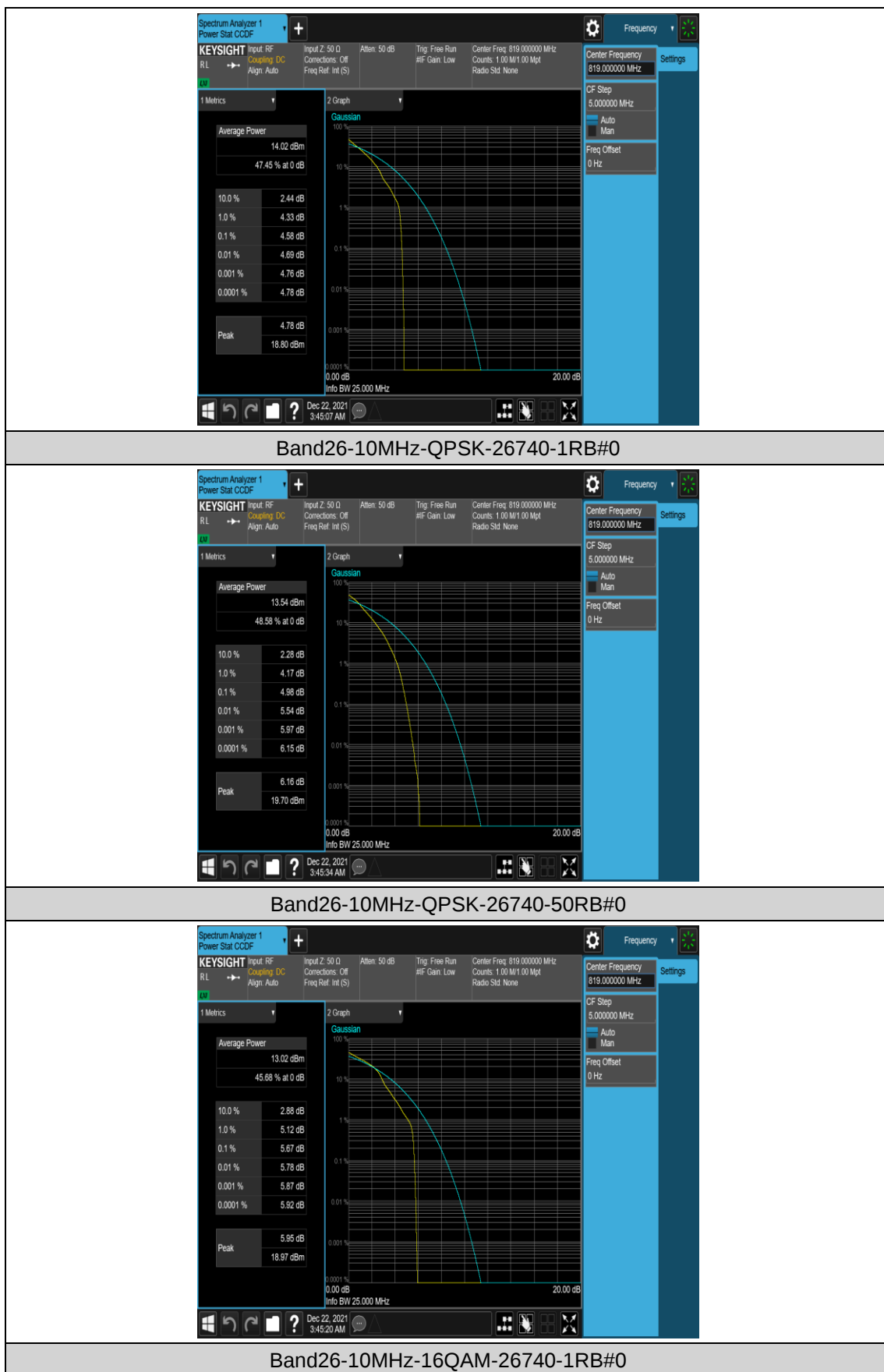


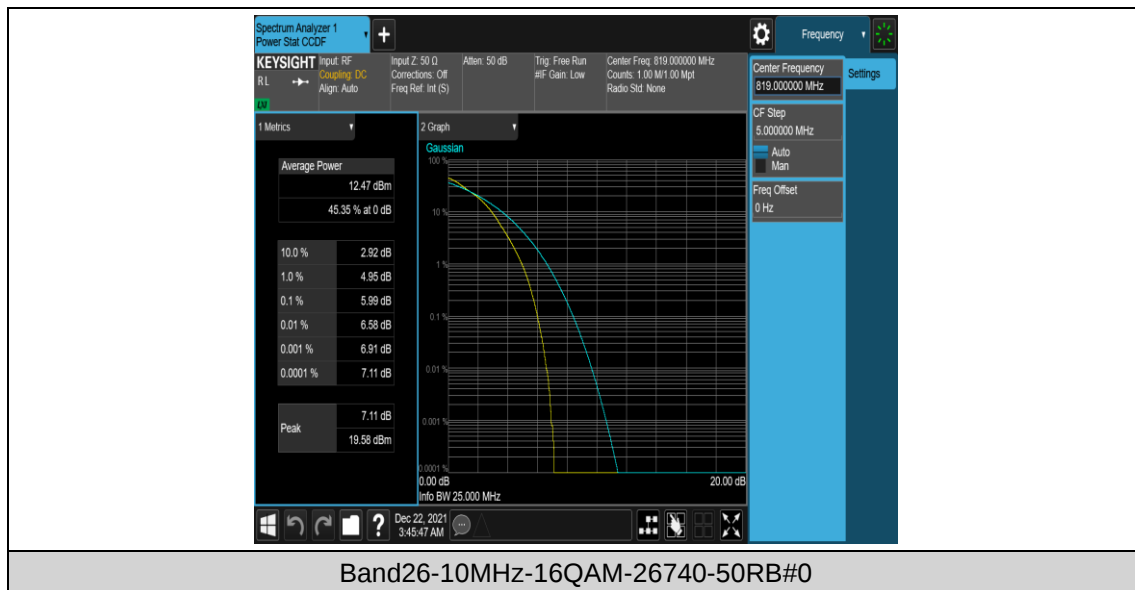
Band26-5MHz-16QAM-26715-25RB#0



Band26-5MHz-16QAM-26740-1RB#0





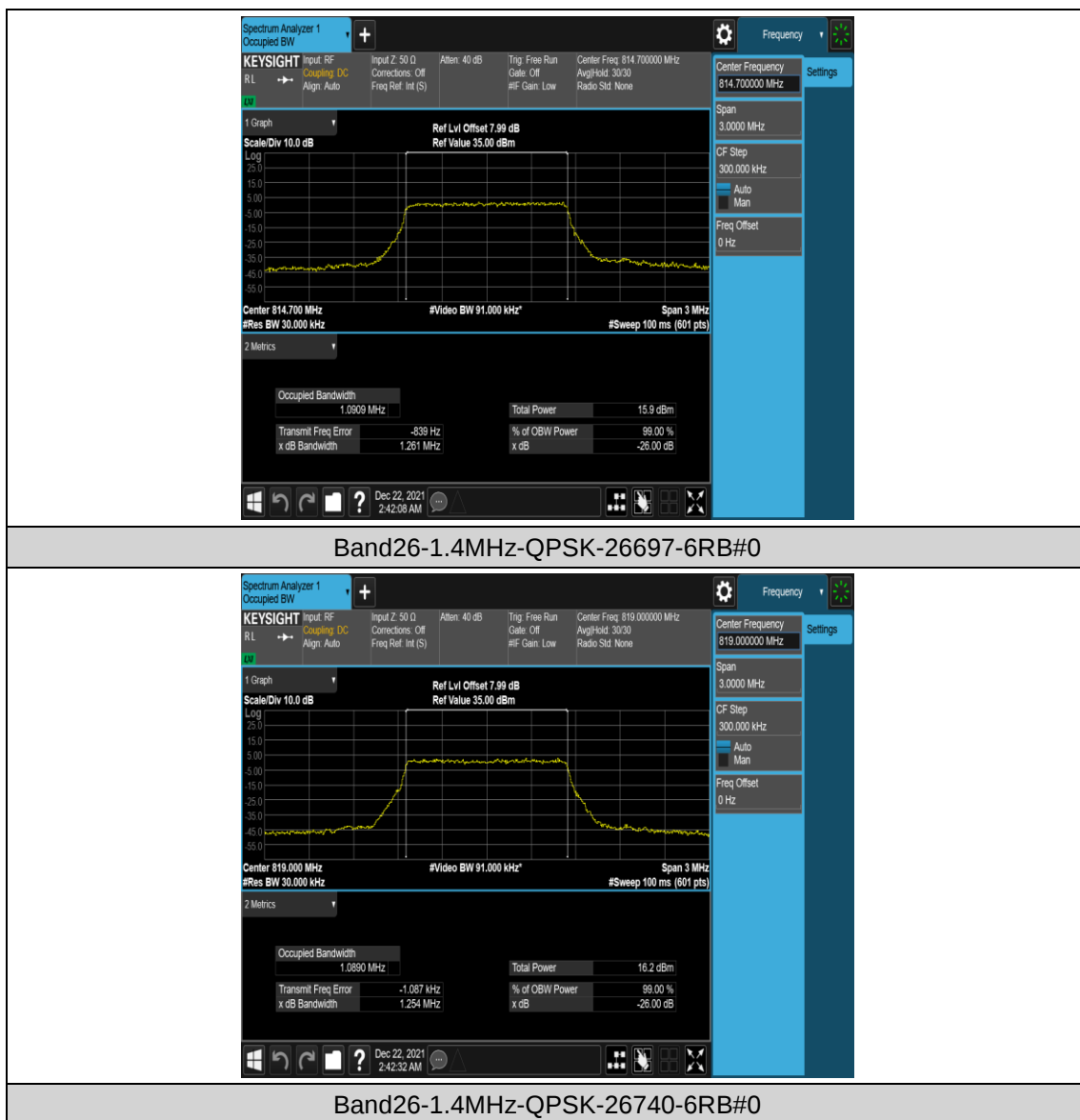


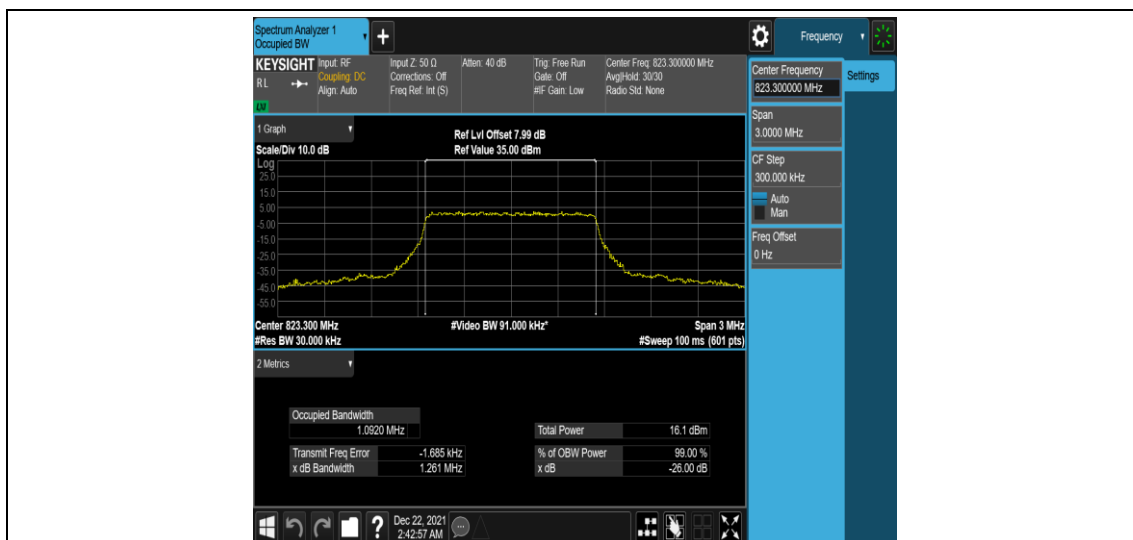
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

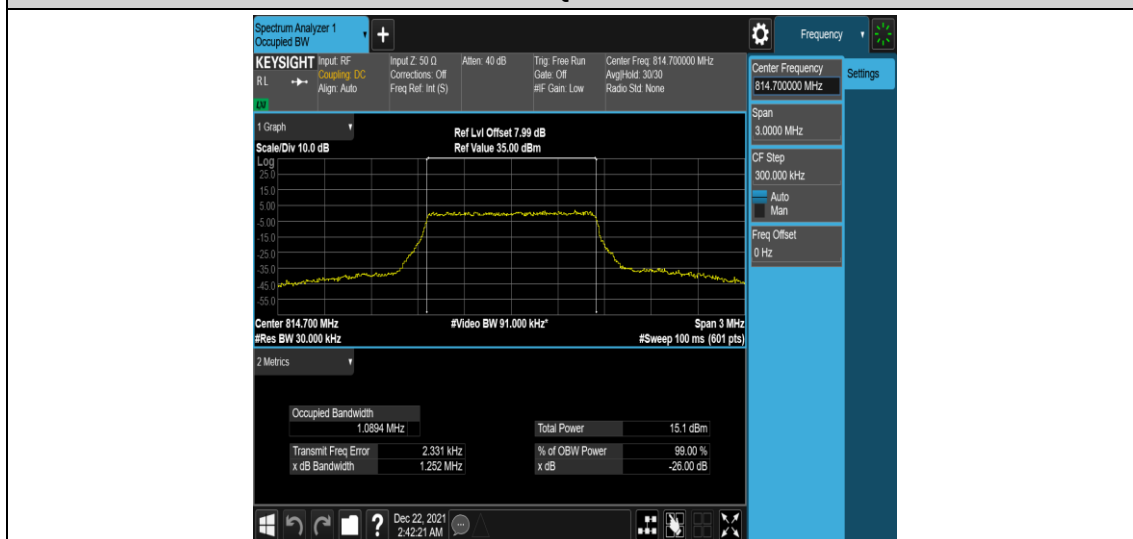
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	1.0909	1.261	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	1.0890	1.254	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	1.0920	1.261	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	1.0894	1.252	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	1.0899	1.263	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	1.0892	1.236	PASS
Band26	3MHz	QPSK	26705	15RB#0	2.6926	2.909	PASS
Band26	3MHz	QPSK	26740	15RB#0	2.6945	2.913	PASS
Band26	3MHz	QPSK	26775	15RB#0	2.6916	2.912	PASS
Band26	3MHz	16QAM	26705	15RB#0	2.6917	2.904	PASS
Band26	3MHz	16QAM	26740	15RB#0	2.6936	2.921	PASS
Band26	3MHz	16QAM	26775	15RB#0	2.6914	2.910	PASS
Band26	5MHz	QPSK	26715	25RB#0	4.4910	4.881	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.4898	4.847	PASS
Band26	5MHz	QPSK	26765	25RB#0	4.5015	4.870	PASS
Band26	5MHz	16QAM	26715	25RB#0	4.4988	4.846	PASS
Band26	5MHz	16QAM	26740	25RB#0	4.4913	4.870	PASS
Band26	5MHz	16QAM	26765	25RB#0	4.5043	4.887	PASS
Band26	10MHz	QPSK	26740	50RB#0	8.9162	9.508	PASS
Band26	10MHz	16QAM	26740	50RB#0	8.9106	9.469	PASS

Test Graphs

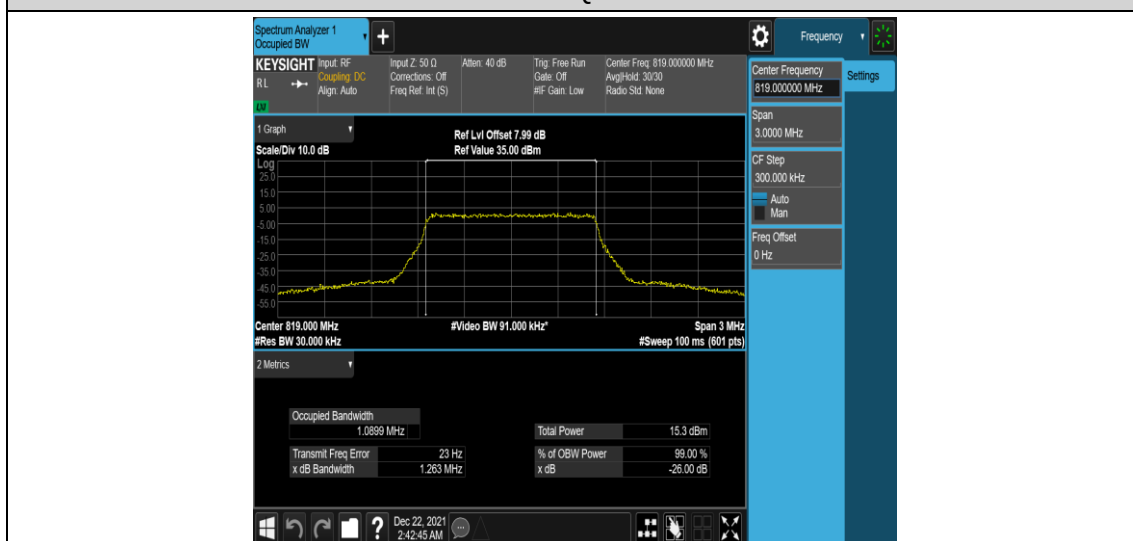




Band26-1.4MHz-QPSK-26783-6RB#0



Band26-1.4MHz-16QAM-26697-6RB#0



Band26-1.4MHz-16QAM-26740-6RB#0











Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	PASS
Band26	3MHz	QPSK	26705	1RB#0	PASS
Band26	3MHz	QPSK	26705	1RB#14	PASS
Band26	3MHz	QPSK	26705	15RB#0	PASS
Band26	3MHz	QPSK	26775	1RB#0	PASS
Band26	3MHz	QPSK	26775	1RB#14	PASS
Band26	3MHz	QPSK	26775	15RB#0	PASS
Band26	3MHz	16QAM	26705	1RB#0	PASS
Band26	3MHz	16QAM	26705	1RB#14	PASS
Band26	3MHz	16QAM	26705	15RB#0	PASS
Band26	3MHz	16QAM	26775	1RB#0	PASS
Band26	3MHz	16QAM	26775	1RB#14	PASS
Band26	3MHz	16QAM	26775	15RB#0	PASS
Band26	5MHz	QPSK	26715	1RB#0	PASS
Band26	5MHz	QPSK	26715	1RB#24	PASS
Band26	5MHz	QPSK	26715	25RB#0	PASS
Band26	5MHz	QPSK	26765	1RB#0	PASS
Band26	5MHz	QPSK	26765	1RB#24	PASS
Band26	5MHz	QPSK	26765	25RB#0	PASS
Band26	5MHz	16QAM	26715	1RB#0	PASS
Band26	5MHz	16QAM	26715	1RB#24	PASS
Band26	5MHz	16QAM	26715	25RB#0	PASS
Band26	5MHz	16QAM	26765	1RB#0	PASS
Band26	5MHz	16QAM	26765	1RB#24	PASS
Band26	5MHz	16QAM	26765	25RB#0	PASS