

Appendix-A LTE Band 26(824-849)

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band26(824-849)	1.4MHz	QPSK	26797	1RB#0	24	23.13	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26797	1RB#2	24.2	23.33	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26797	1RB#5	24.28	23.41	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	23.61	22.74	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26915	1RB#0	23.53	22.66	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26915	1RB#2	24.05	23.18	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26915	1RB#5	24.16	23.29	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26915	6RB#0	23.21	22.34	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	27033	1RB#0	22.65	21.78	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	27033	1RB#2	22.91	22.04	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	27033	1RB#5	22.86	21.99	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	22.2	21.33	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26797	1RB#0	23.22	22.35	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26797	1RB#2	23.29	22.42	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26797	1RB#5	23.57	22.7	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	23.49	22.62	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26915	1RB#0	23.05	22.18	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26915	1RB#2	23.45	22.58	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26915	1RB#5	23.05	22.18	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26915	6RB#0	23.15	22.28	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	27033	1RB#0	22.01	21.14	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	27033	1RB#2	21.82	20.95	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	27033	1RB#5	22.01	21.14	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	22.11	21.24	38.45	PASS
Band26(824-849)	3MHz	QPSK	26805	1RB#0	24.24	23.37	38.45	PASS
Band26(824-849)	3MHz	QPSK	26805	1RB#8	24.52	23.65	38.45	PASS
Band26(824-849)	3MHz	QPSK	26805	1RB#14	24.7	23.83	38.45	PASS
Band26(824-849)	3MHz	QPSK	26805	15RB#0	23.76	22.89	38.45	PASS
Band26(824-849)	3MHz	QPSK	26915	1RB#0	23.91	23.04	38.45	PASS
Band26(824-849)	3MHz	QPSK	26915	1RB#8	24.32	23.45	38.45	PASS
Band26(824-849)	3MHz	QPSK	26915	1RB#14	24.2	23.33	38.45	PASS
Band26(824-849)	3MHz	QPSK	26915	15RB#0	23.4	22.53	38.45	PASS
Band26(824-849)	3MHz	QPSK	27025	1RB#0	22.59	21.72	38.45	PASS
Band26(824-849)	3MHz	QPSK	27025	1RB#8	23.19	22.32	38.45	PASS
Band26(824-849)	3MHz	QPSK	27025	1RB#14	22.87	22	38.45	PASS
Band26(824-849)	3MHz	QPSK	27025	15RB#0	22.15	21.28	38.45	PASS
Band26(824-849)	3MHz	16QAM	26805	1RB#0	23.67	22.8	38.45	PASS

Band26(824-849)	3MHz	16QAM	26805	1RB#8	23.66	22.79	38.45	PASS
Band26(824-849)	3MHz	16QAM	26805	1RB#14	23.79	22.92	38.45	PASS
Band26(824-849)	3MHz	16QAM	26805	15RB#0	23.73	22.86	38.45	PASS
Band26(824-849)	3MHz	16QAM	26915	1RB#0	23.12	22.25	38.45	PASS
Band26(824-849)	3MHz	16QAM	26915	1RB#8	23.61	22.74	38.45	PASS
Band26(824-849)	3MHz	16QAM	26915	1RB#14	23.15	22.28	38.45	PASS
Band26(824-849)	3MHz	16QAM	26915	15RB#0	23.41	22.54	38.45	PASS
Band26(824-849)	3MHz	16QAM	27025	1RB#0	21.88	21.01	38.45	PASS
Band26(824-849)	3MHz	16QAM	27025	1RB#8	22.15	21.28	38.45	PASS
Band26(824-849)	3MHz	16QAM	27025	1RB#14	22.05	21.18	38.45	PASS
Band26(824-849)	3MHz	16QAM	27025	15RB#0	22.13	21.26	38.45	PASS
Band26(824-849)	5MHz	QPSK	26815	1RB#0	24.51	23.64	38.45	PASS
Band26(824-849)	5MHz	QPSK	26815	1RB#12	24.7	23.83	38.45	PASS
Band26(824-849)	5MHz	QPSK	26815	1RB#24	24.71	23.84	38.45	PASS
Band26(824-849)	5MHz	QPSK	26815	25RB#0	23.84	22.97	38.45	PASS
Band26(824-849)	5MHz	QPSK	26915	1RB#0	24.05	23.18	38.45	PASS
Band26(824-849)	5MHz	QPSK	26915	1RB#12	24.19	23.32	38.45	PASS
Band26(824-849)	5MHz	QPSK	26915	1RB#24	24.52	23.65	38.45	PASS
Band26(824-849)	5MHz	QPSK	26915	25RB#0	23.47	22.6	38.45	PASS
Band26(824-849)	5MHz	QPSK	27015	1RB#0	24.61	23.74	38.45	PASS
Band26(824-849)	5MHz	QPSK	27015	1RB#12	23.56	22.69	38.45	PASS
Band26(824-849)	5MHz	QPSK	27015	1RB#24	23.54	22.67	38.45	PASS
Band26(824-849)	5MHz	QPSK	27015	25RB#0	23.97	23.1	38.45	PASS
Band26(824-849)	5MHz	16QAM	26815	1RB#0	23.33	22.46	38.45	PASS
Band26(824-849)	5MHz	16QAM	26815	1RB#12	23.45	22.58	38.45	PASS
Band26(824-849)	5MHz	16QAM	26815	1RB#24	23.5	22.63	38.45	PASS
Band26(824-849)	5MHz	16QAM	26815	25RB#0	23.72	22.85	38.45	PASS
Band26(824-849)	5MHz	16QAM	26915	1RB#0	23.57	22.7	38.45	PASS
Band26(824-849)	5MHz	16QAM	26915	1RB#12	23.58	22.71	38.45	PASS
Band26(824-849)	5MHz	16QAM	26915	1RB#24	23.59	22.72	38.45	PASS
Band26(824-849)	5MHz	16QAM	26915	25RB#0	23.45	22.58	38.45	PASS
Band26(824-849)	5MHz	16QAM	27015	1RB#0	23.76	22.89	38.45	PASS
Band26(824-849)	5MHz	16QAM	27015	1RB#12	22.45	21.58	38.45	PASS
Band26(824-849)	5MHz	16QAM	27015	1RB#24	22.7	21.83	38.45	PASS
Band26(824-849)	5MHz	16QAM	27015	25RB#0	23.94	23.07	38.45	PASS
Band26(824-849)	10MHz	QPSK	26840	1RB#0	24.89	24.02	38.45	PASS
Band26(824-849)	10MHz	QPSK	26840	1RB#24	24.71	23.84	38.45	PASS
Band26(824-849)	10MHz	QPSK	26840	1RB#49	24.67	23.8	38.45	PASS
Band26(824-849)	10MHz	QPSK	26840	50RB#0	23.72	22.85	38.45	PASS
Band26(824-849)	10MHz	QPSK	26915	1RB#0	24.88	24.01	38.45	PASS
Band26(824-849)	10MHz	QPSK	26915	1RB#24	24.17	23.3	38.45	PASS
Band26(824-849)	10MHz	QPSK	26915	1RB#49	24.13	23.26	38.45	PASS
Band26(824-849)	10MHz	QPSK	26915	50RB#0	23.16	22.29	38.45	PASS
Band26(824-849)	10MHz	QPSK	26990	1RB#0	24.88	24.01	38.45	PASS
Band26(824-849)	10MHz	QPSK	26990	1RB#24	24.48	23.61	38.45	PASS

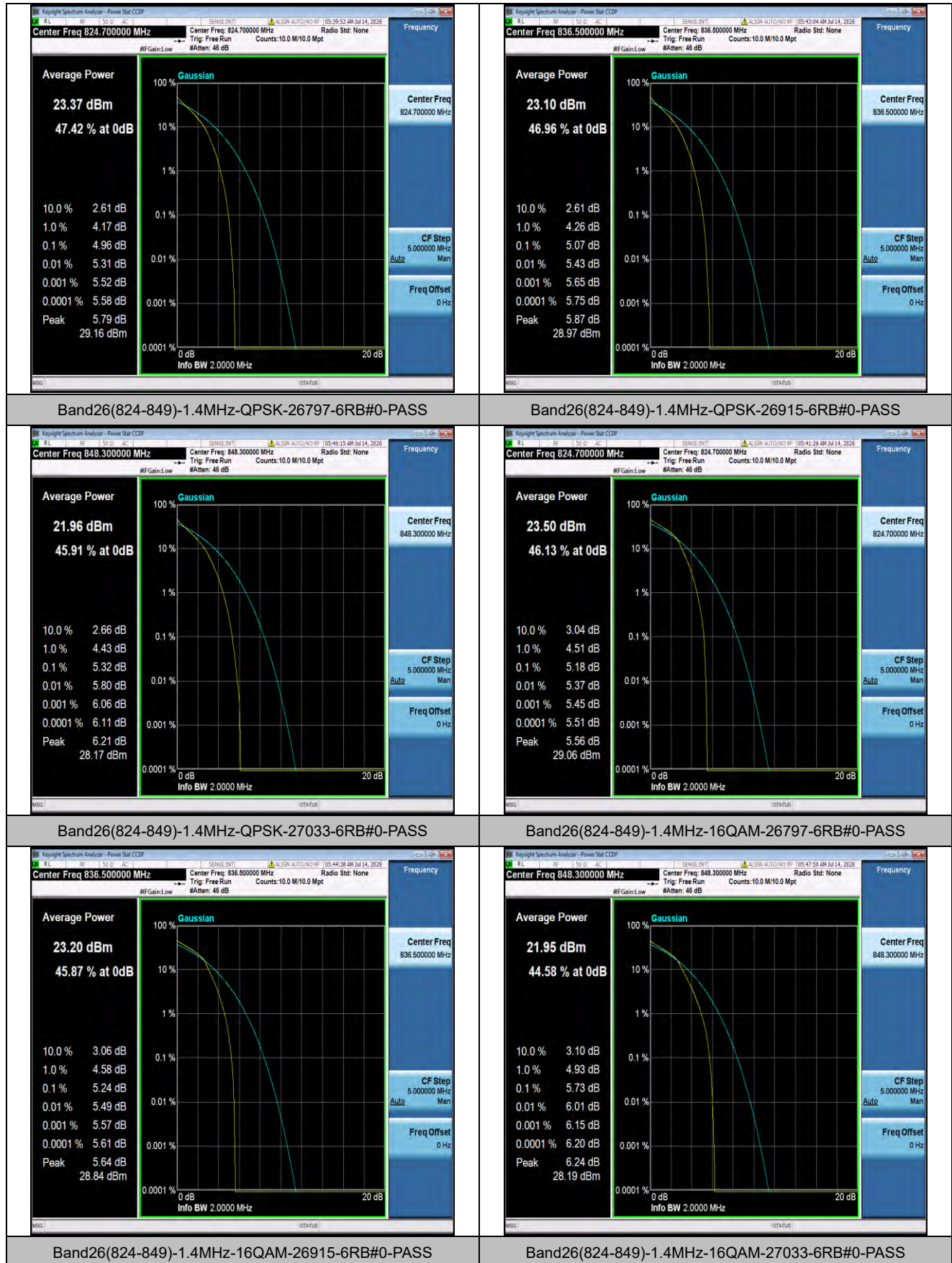
Band26(824-849)	10MHz	QPSK	26990	1RB#49	23.51	22.64	38.45	PASS
Band26(824-849)	10MHz	QPSK	26990	50RB#0	23.52	22.65	38.45	PASS
Band26(824-849)	10MHz	16QAM	26840	1RB#0	23.38	22.51	38.45	PASS
Band26(824-849)	10MHz	16QAM	26840	1RB#24	22.77	21.9	38.45	PASS
Band26(824-849)	10MHz	16QAM	26840	1RB#49	23.33	22.46	38.45	PASS
Band26(824-849)	10MHz	16QAM	26840	27RB#0	23.17	22.3	38.45	PASS
Band26(824-849)	10MHz	16QAM	26915	1RB#0	23.91	23.04	38.45	PASS
Band26(824-849)	10MHz	16QAM	26915	1RB#24	23.25	22.38	38.45	PASS
Band26(824-849)	10MHz	16QAM	26915	1RB#49	23.31	22.44	38.45	PASS
Band26(824-849)	10MHz	16QAM	26915	27RB#0	23.4	22.53	38.45	PASS
Band26(824-849)	10MHz	16QAM	26990	1RB#0	23.77	22.9	38.45	PASS
Band26(824-849)	10MHz	16QAM	26990	1RB#24	23.36	22.49	38.45	PASS
Band26(824-849)	10MHz	16QAM	26990	1RB#49	22.45	21.58	38.45	PASS
Band26(824-849)	10MHz	16QAM	26990	27RB#0	23.28	22.41	38.45	PASS
Band26(824-849)	15MHz	QPSK	26865	1RB#0	24.63	23.76	38.45	PASS
Band26(824-849)	15MHz	QPSK	26865	1RB#38	24.14	23.27	38.45	PASS
Band26(824-849)	15MHz	QPSK	26865	1RB#74	23.55	22.68	38.45	PASS
Band26(824-849)	15MHz	QPSK	26865	75RB#0	23.2	22.33	38.45	PASS
Band26(824-849)	15MHz	QPSK	26915	1RB#0	24.76	23.89	38.45	PASS
Band26(824-849)	15MHz	QPSK	26915	1RB#38	24.19	23.32	38.45	PASS
Band26(824-849)	15MHz	QPSK	26915	1RB#74	23.97	23.1	38.45	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	23.21	22.34	38.45	PASS
Band26(824-849)	15MHz	QPSK	26965	1RB#0	24.71	23.84	38.45	PASS
Band26(824-849)	15MHz	QPSK	26965	1RB#38	24.22	23.35	38.45	PASS
Band26(824-849)	15MHz	QPSK	26965	1RB#74	23.1	22.23	38.45	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	23.44	22.57	38.45	PASS
Band26(824-849)	15MHz	16QAM	26865	1RB#0	23.5	22.63	38.45	PASS
Band26(824-849)	15MHz	16QAM	26865	1RB#38	22.94	22.07	38.45	PASS
Band26(824-849)	15MHz	16QAM	26865	1RB#74	23.04	22.17	38.45	PASS
Band26(824-849)	15MHz	16QAM	26865	27RB#0	23.22	22.35	38.45	PASS
Band26(824-849)	15MHz	16QAM	26915	1RB#0	23.55	22.68	38.45	PASS
Band26(824-849)	15MHz	16QAM	26915	1RB#38	23.32	22.45	38.45	PASS
Band26(824-849)	15MHz	16QAM	26915	1RB#74	22.84	21.97	38.45	PASS
Band26(824-849)	15MHz	16QAM	26915	27RB#0	23.55	22.68	38.45	PASS
Band26(824-849)	15MHz	16QAM	26965	1RB#0	23.63	22.76	38.45	PASS
Band26(824-849)	15MHz	16QAM	26965	1RB#38	22.95	22.08	38.45	PASS
Band26(824-849)	15MHz	16QAM	26965	1RB#74	22.26	21.39	38.45	PASS
Band26(824-849)	15MHz	16QAM	26965	27RB#0	23.62	22.75	38.45	PASS

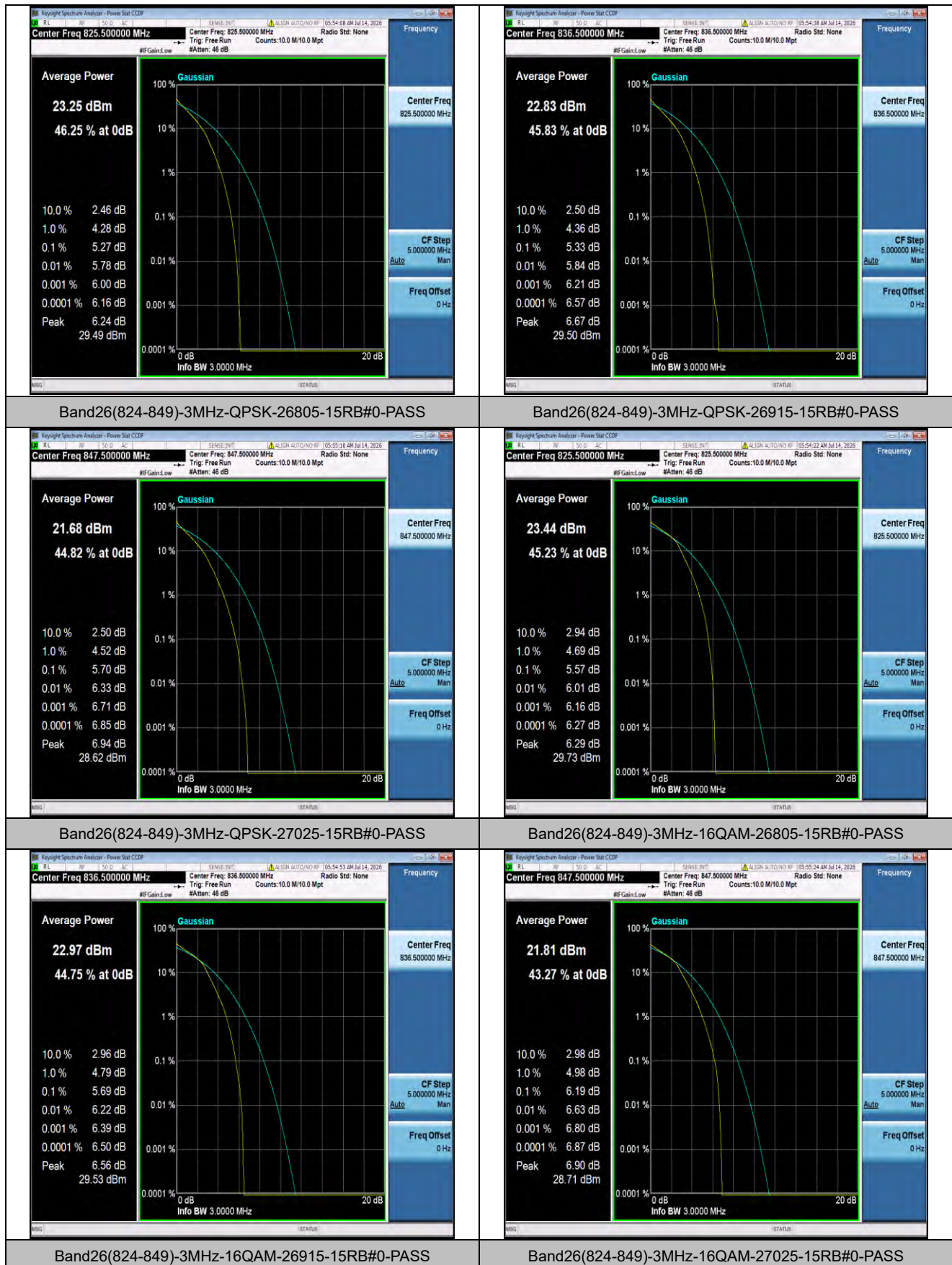
Peak-to-Average Ratio(CCDF)

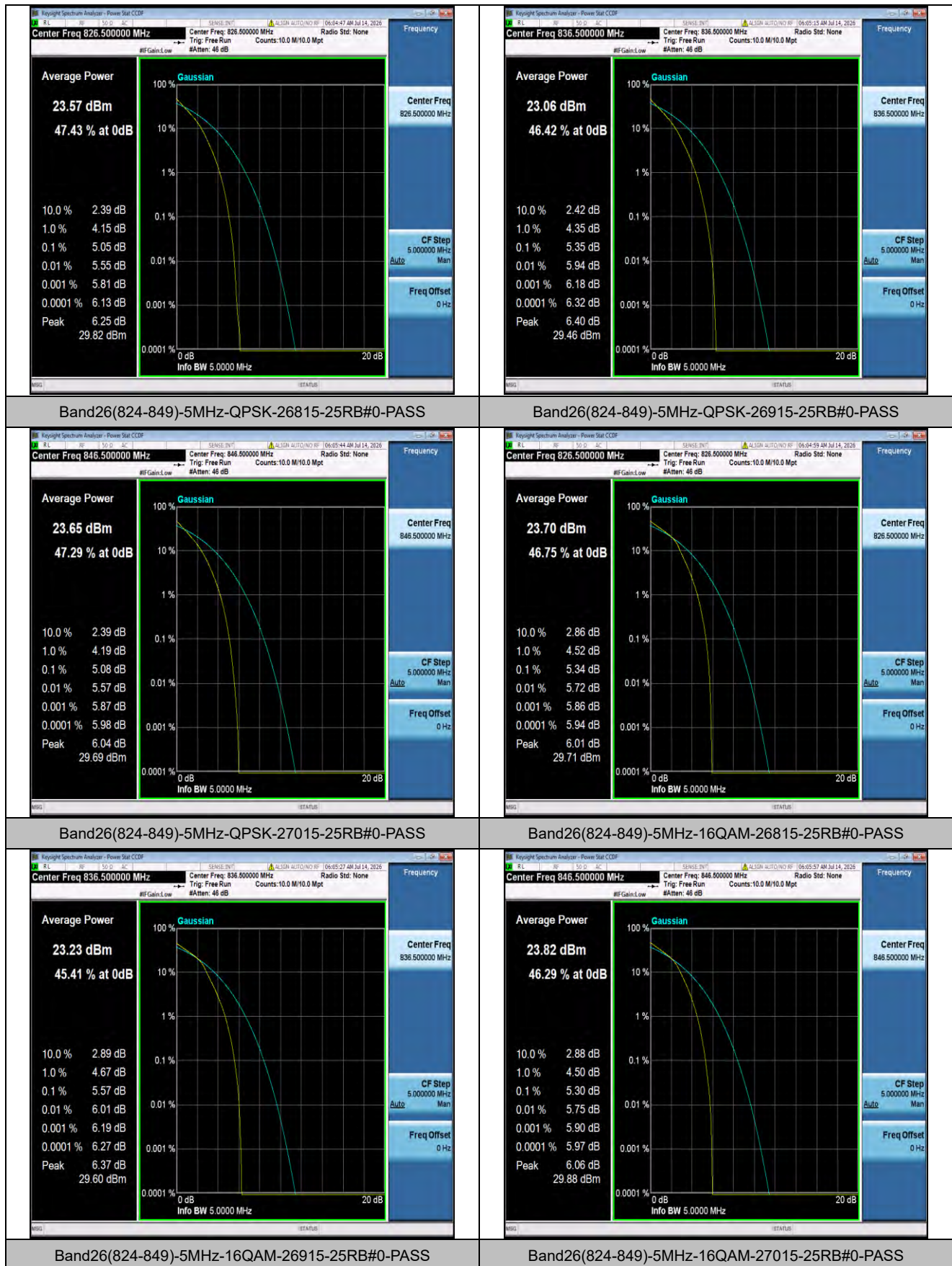
Test Result

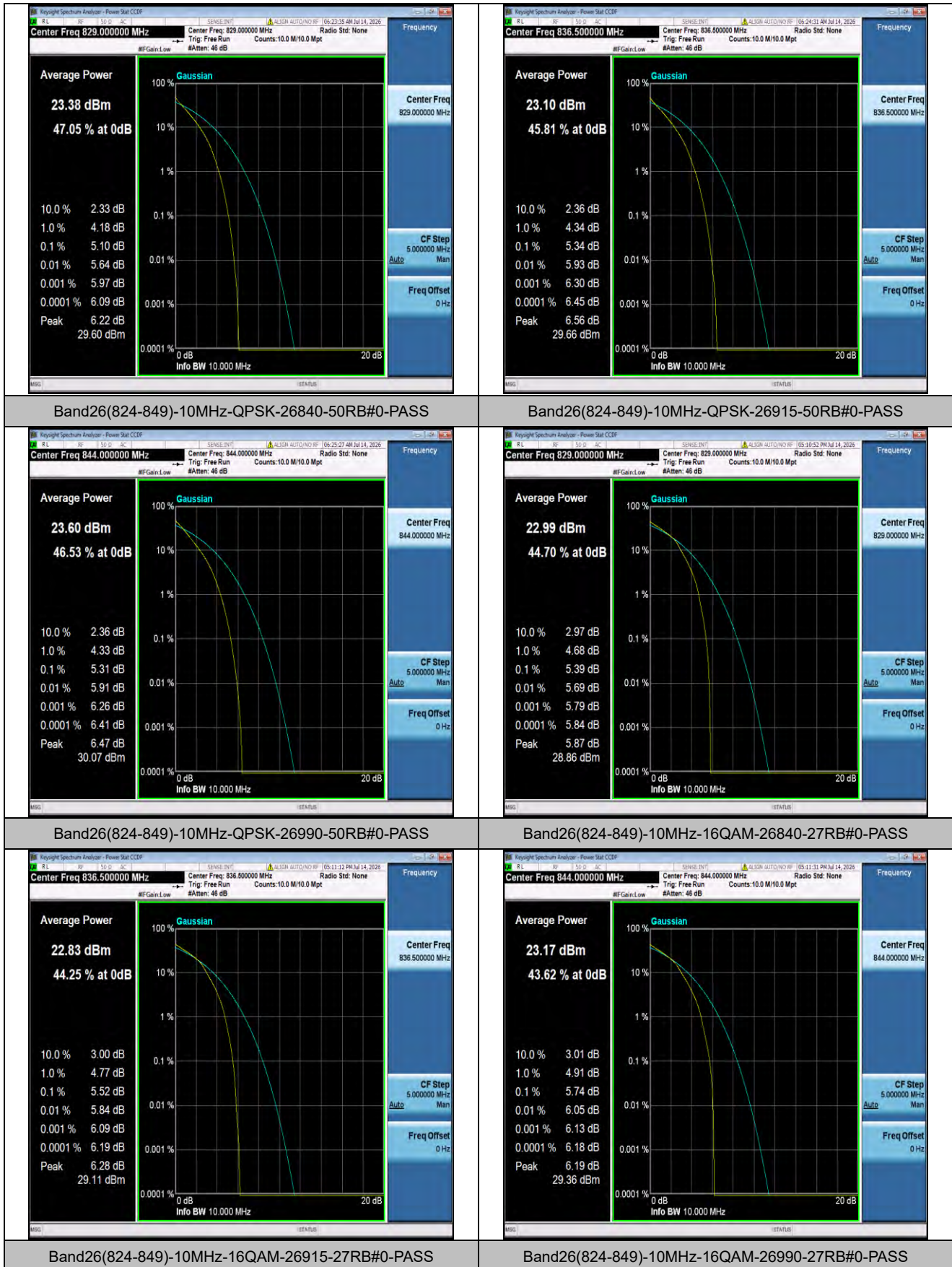
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	4.96	13	PASS
Band26(824-849)	1.4MHz	QPSK	26915	6RB#0	5.07	13	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	5.32	13	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	5.18	13	PASS
Band26(824-849)	1.4MHz	16QAM	26915	6RB#0	5.24	13	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	5.73	13	PASS
Band26(824-849)	3MHz	QPSK	26805	15RB#0	5.27	13	PASS
Band26(824-849)	3MHz	QPSK	26915	15RB#0	5.33	13	PASS
Band26(824-849)	3MHz	QPSK	27025	15RB#0	5.70	13	PASS
Band26(824-849)	3MHz	16QAM	26805	15RB#0	5.57	13	PASS
Band26(824-849)	3MHz	16QAM	26915	15RB#0	5.69	13	PASS
Band26(824-849)	3MHz	16QAM	27025	15RB#0	6.19	13	PASS
Band26(824-849)	5MHz	QPSK	26815	25RB#0	5.05	13	PASS
Band26(824-849)	5MHz	QPSK	26915	25RB#0	5.35	13	PASS
Band26(824-849)	5MHz	QPSK	27015	25RB#0	5.08	13	PASS
Band26(824-849)	5MHz	16QAM	26815	25RB#0	5.34	13	PASS
Band26(824-849)	5MHz	16QAM	26915	25RB#0	5.57	13	PASS
Band26(824-849)	5MHz	16QAM	27015	25RB#0	5.30	13	PASS
Band26(824-849)	10MHz	QPSK	26840	50RB#0	5.10	13	PASS
Band26(824-849)	10MHz	QPSK	26915	50RB#0	5.34	13	PASS
Band26(824-849)	10MHz	QPSK	26990	50RB#0	5.31	13	PASS
Band26(824-849)	10MHz	16QAM	26840	27RB#0	5.39	13	PASS
Band26(824-849)	10MHz	16QAM	26915	27RB#0	5.52	13	PASS
Band26(824-849)	10MHz	16QAM	26990	27RB#0	5.74	13	PASS
Band26(824-849)	15MHz	QPSK	26865	75RB#0	4.99	13	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	5.27	13	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	5.20	13	PASS
Band26(824-849)	15MHz	16QAM	26865	27RB#0	5.44	13	PASS
Band26(824-849)	15MHz	16QAM	26915	27RB#0	5.47	13	PASS
Band26(824-849)	15MHz	16QAM	26965	27RB#0	5.46	13	PASS

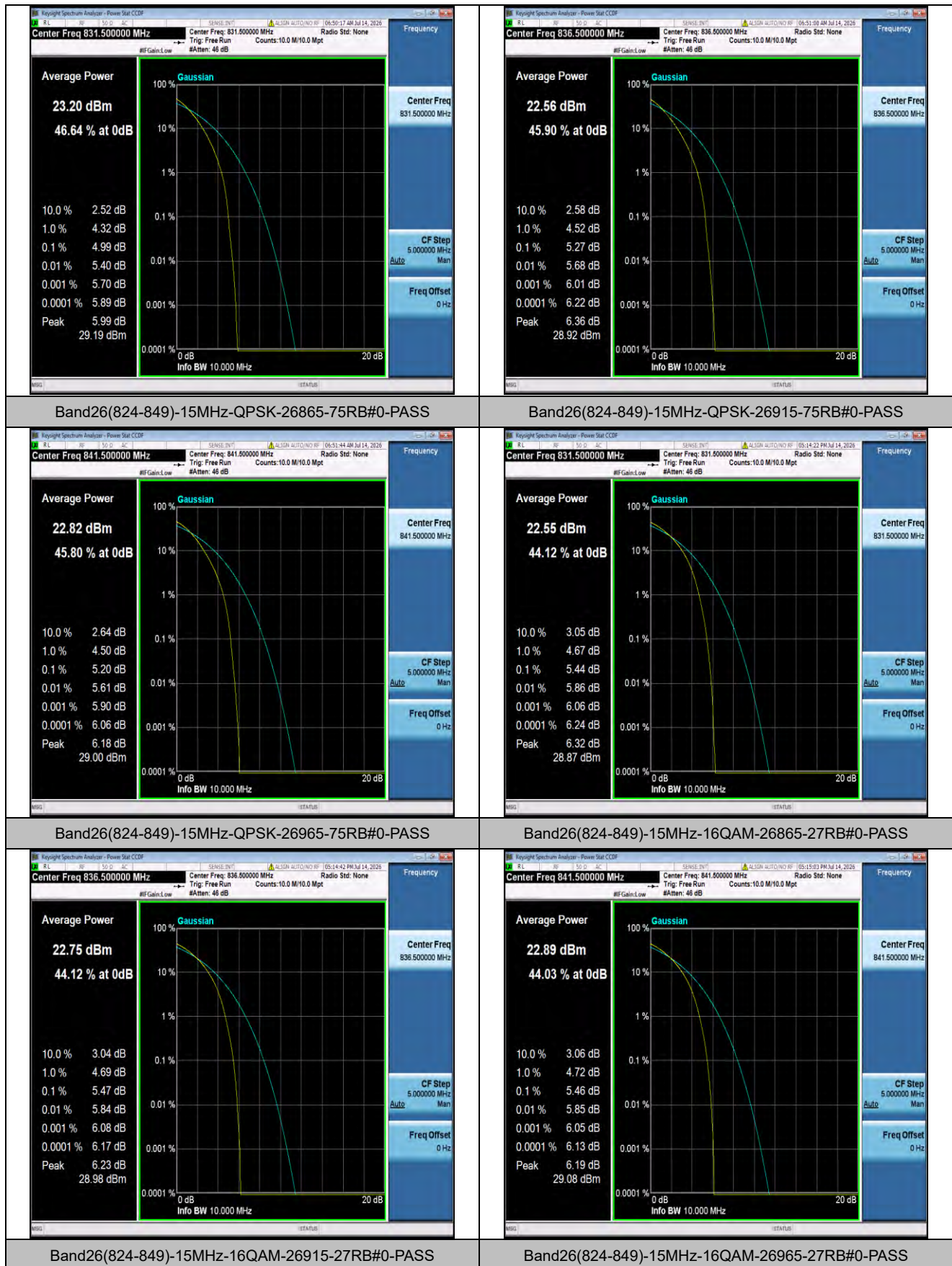
Test Graphs









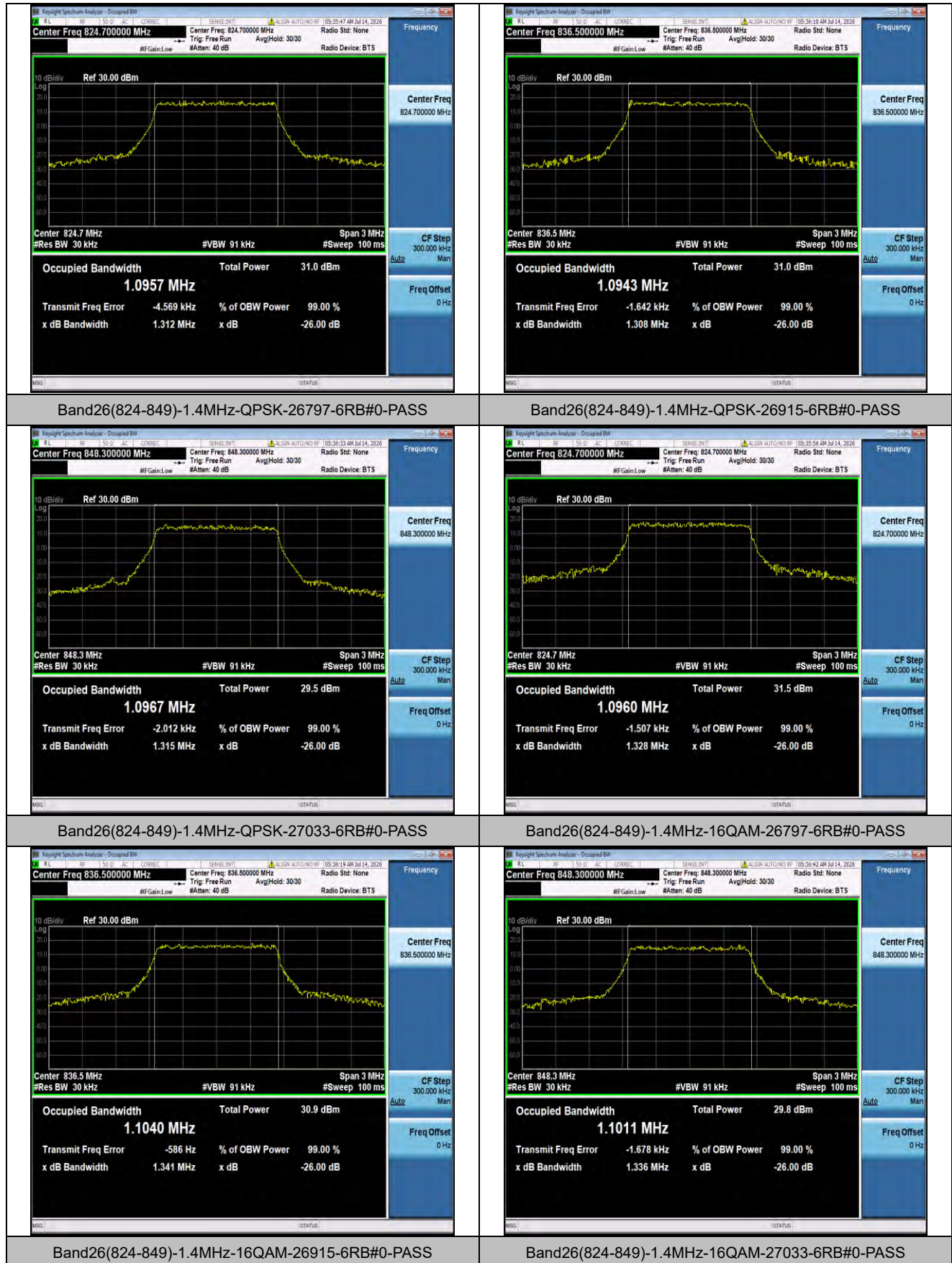


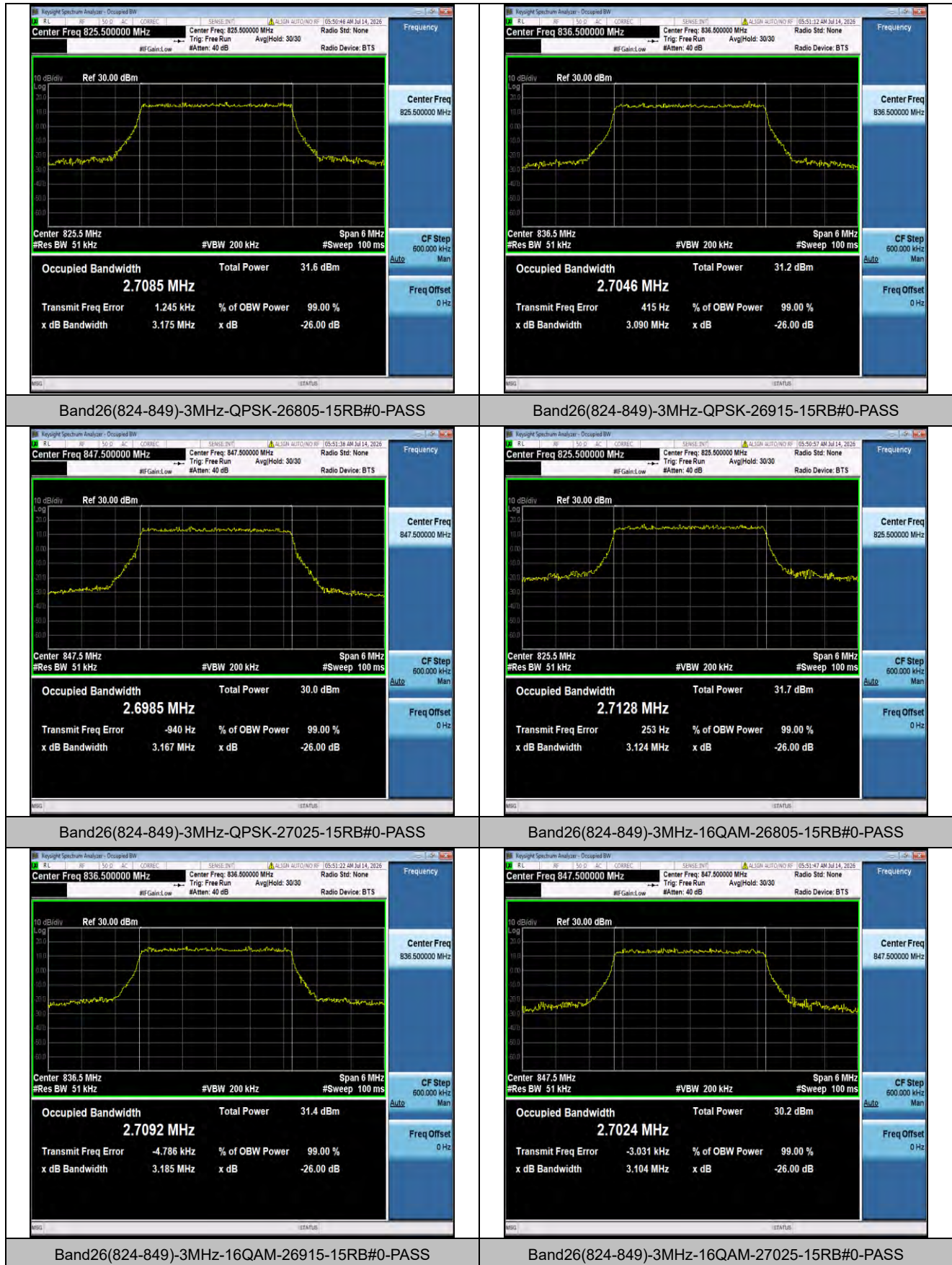
26dB Bandwidth and Occupied Bandwidth

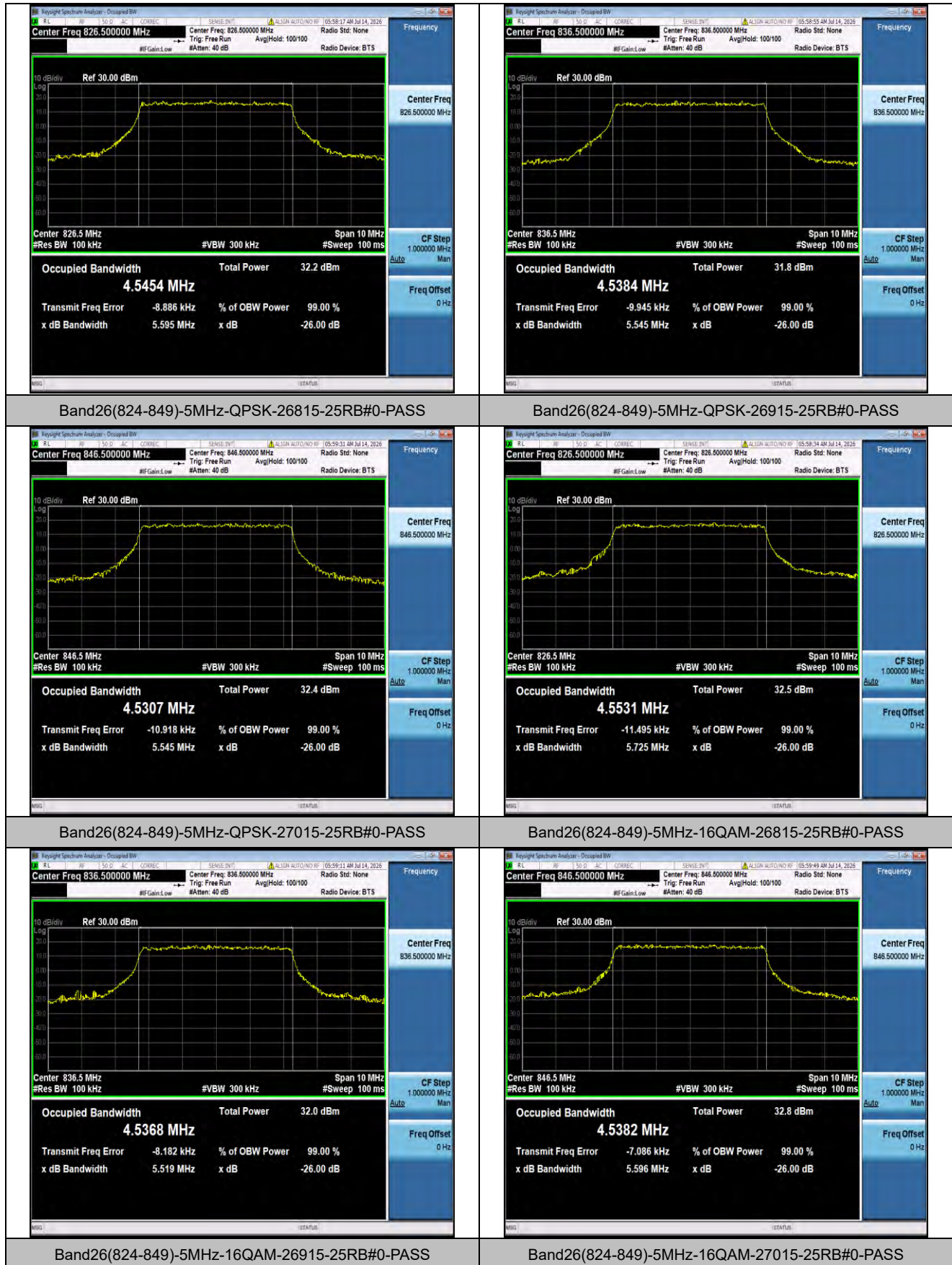
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	1.0957	1.312	PASS
Band26(824-849)	1.4MHz	QPSK	26915	6RB#0	1.0943	1.308	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	1.0967	1.315	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	1.0960	1.328	PASS
Band26(824-849)	1.4MHz	16QAM	26915	6RB#0	1.1040	1.341	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	1.1011	1.336	PASS
Band26(824-849)	3MHz	QPSK	26805	15RB#0	2.7085	3.175	PASS
Band26(824-849)	3MHz	QPSK	26915	15RB#0	2.7046	3.090	PASS
Band26(824-849)	3MHz	QPSK	27025	15RB#0	2.6985	3.167	PASS
Band26(824-849)	3MHz	16QAM	26805	15RB#0	2.7128	3.124	PASS
Band26(824-849)	3MHz	16QAM	26915	15RB#0	2.7092	3.185	PASS
Band26(824-849)	3MHz	16QAM	27025	15RB#0	2.7024	3.104	PASS
Band26(824-849)	5MHz	QPSK	26815	25RB#0	4.5454	5.595	PASS
Band26(824-849)	5MHz	QPSK	26915	25RB#0	4.5384	5.545	PASS
Band26(824-849)	5MHz	QPSK	27015	25RB#0	4.5307	5.545	PASS
Band26(824-849)	5MHz	16QAM	26815	25RB#0	4.5531	5.725	PASS
Band26(824-849)	5MHz	16QAM	26915	25RB#0	4.5368	5.519	PASS
Band26(824-849)	5MHz	16QAM	27015	25RB#0	4.5382	5.596	PASS
Band26(824-849)	10MHz	QPSK	26840	50RB#0	9.0175	10.58	PASS
Band26(824-849)	10MHz	QPSK	26915	50RB#0	9.0277	10.58	PASS
Band26(824-849)	10MHz	QPSK	26990	50RB#0	9.0168	10.72	PASS
Band26(824-849)	10MHz	16QAM	26840	27RB#0	5.0443	6.532	PASS
Band26(824-849)	10MHz	16QAM	26915	27RB#0	5.0580	6.606	PASS
Band26(824-849)	10MHz	16QAM	26990	27RB#0	5.0699	6.556	PASS
Band26(824-849)	15MHz	QPSK	26865	75RB#0	13.500	16.05	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	13.520	16.22	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	13.519	15.95	PASS
Band26(824-849)	15MHz	16QAM	26865	27RB#0	5.3305	7.826	PASS
Band26(824-849)	15MHz	16QAM	26915	27RB#0	5.3419	7.702	PASS
Band26(824-849)	15MHz	16QAM	26965	27RB#0	5.2751	7.770	PASS

Test Graphs



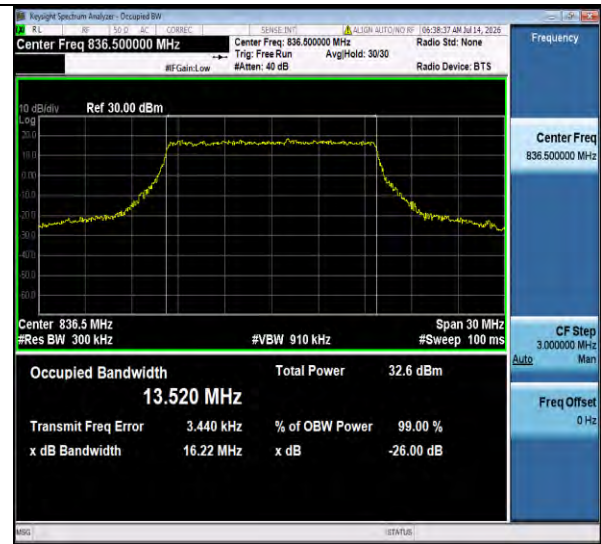








Band26(824-849)-15MHz-QPSK-26865-75RB#0-PASS



Band26(824-849)-15MHz-QPSK-26915-75RB#0-PASS



Band26(824-849)-15MHz-QPSK-26965-75RB#0-PASS



Band26(824-849)-15MHz-16QAM-26865-27RB#0-PASS



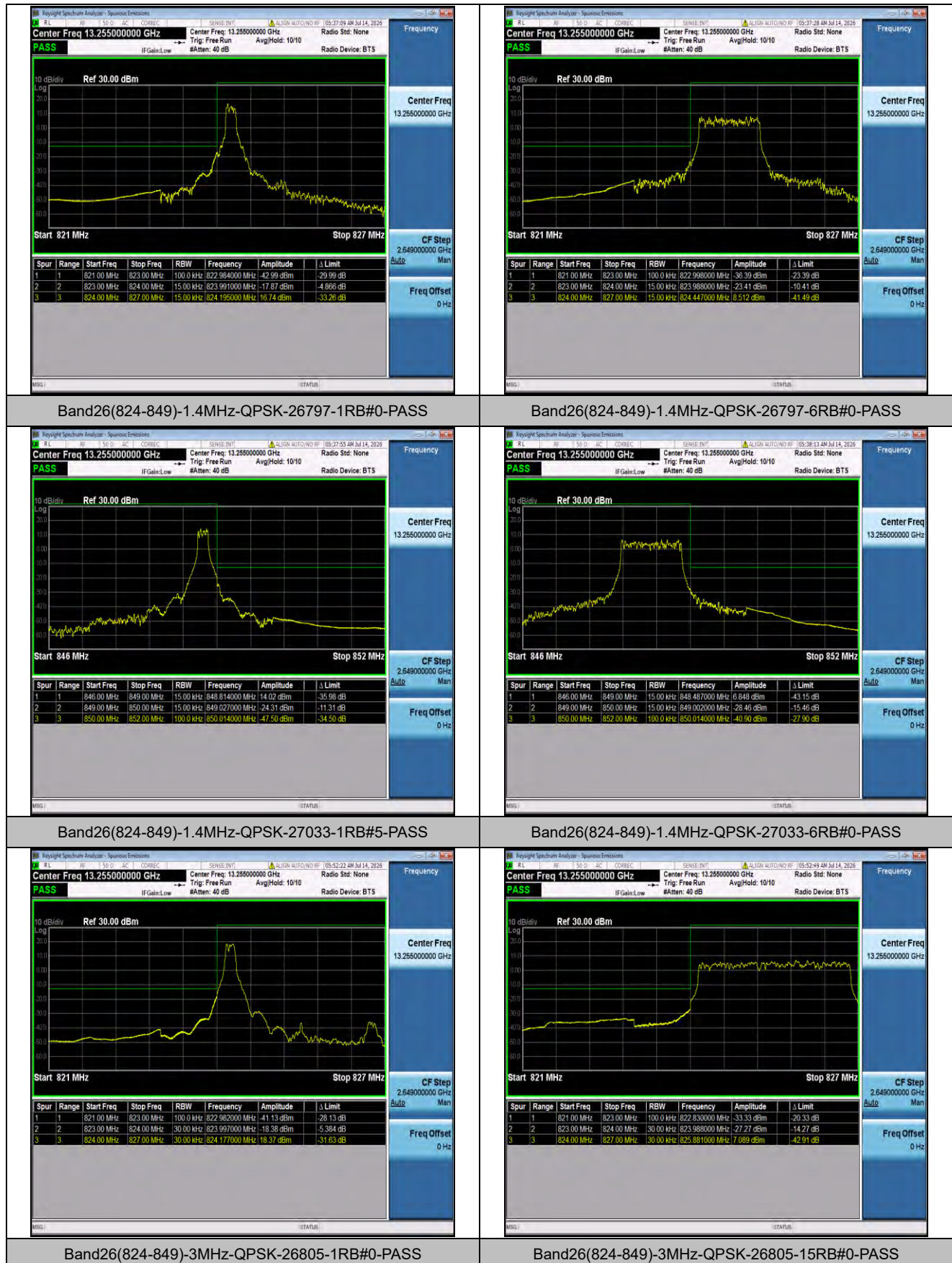
Band26(824-849)-15MHz-16QAM-26915-27RB#0-PASS



Band26(824-849)-15MHz-16QAM-26965-27RB#0-PASS

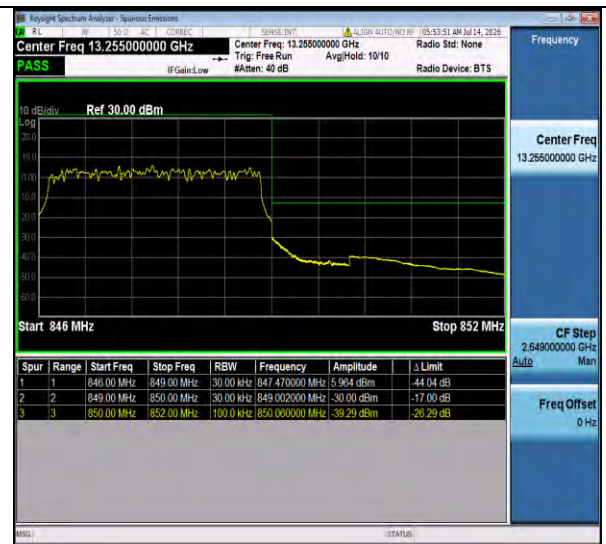
Band Edge

Test Graphs





Band26(824-849)-3MHz-QPSK-27025-1RB#14-PASS



Band26(824-849)-3MHz-QPSK-27025-15RB#0-PASS



Band26(824-849)-5MHz-QPSK-26815-1RB#0-PASS



Band26(824-849)-5MHz-QPSK-26815-25RB#0-PASS



Band26(824-849)-5MHz-QPSK-27015-1RB#24-PASS



Band26(824-849)-5MHz-QPSK-27015-25RB#0-PASS



Band26(824-849)-10MHz-QPSK-26840-1RB#0-PASS



Band26(824-849)-10MHz-QPSK-26840-50RB#0-PASS



Band26(824-849)-10MHz-QPSK-26990-1RB#49-PASS



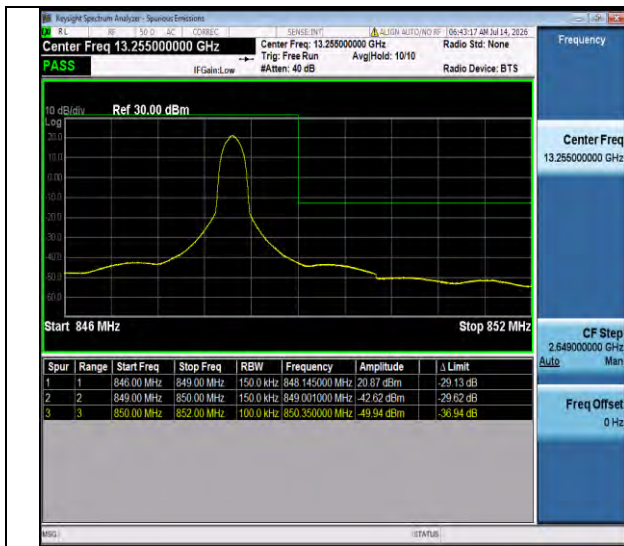
Band26(824-849)-10MHz-QPSK-26990-50RB#0-PASS



Band26(824-849)-15MHz-QPSK-26865-1RB#0-PASS



Band26(824-849)-15MHz-QPSK-26865-75RB#0-PASS



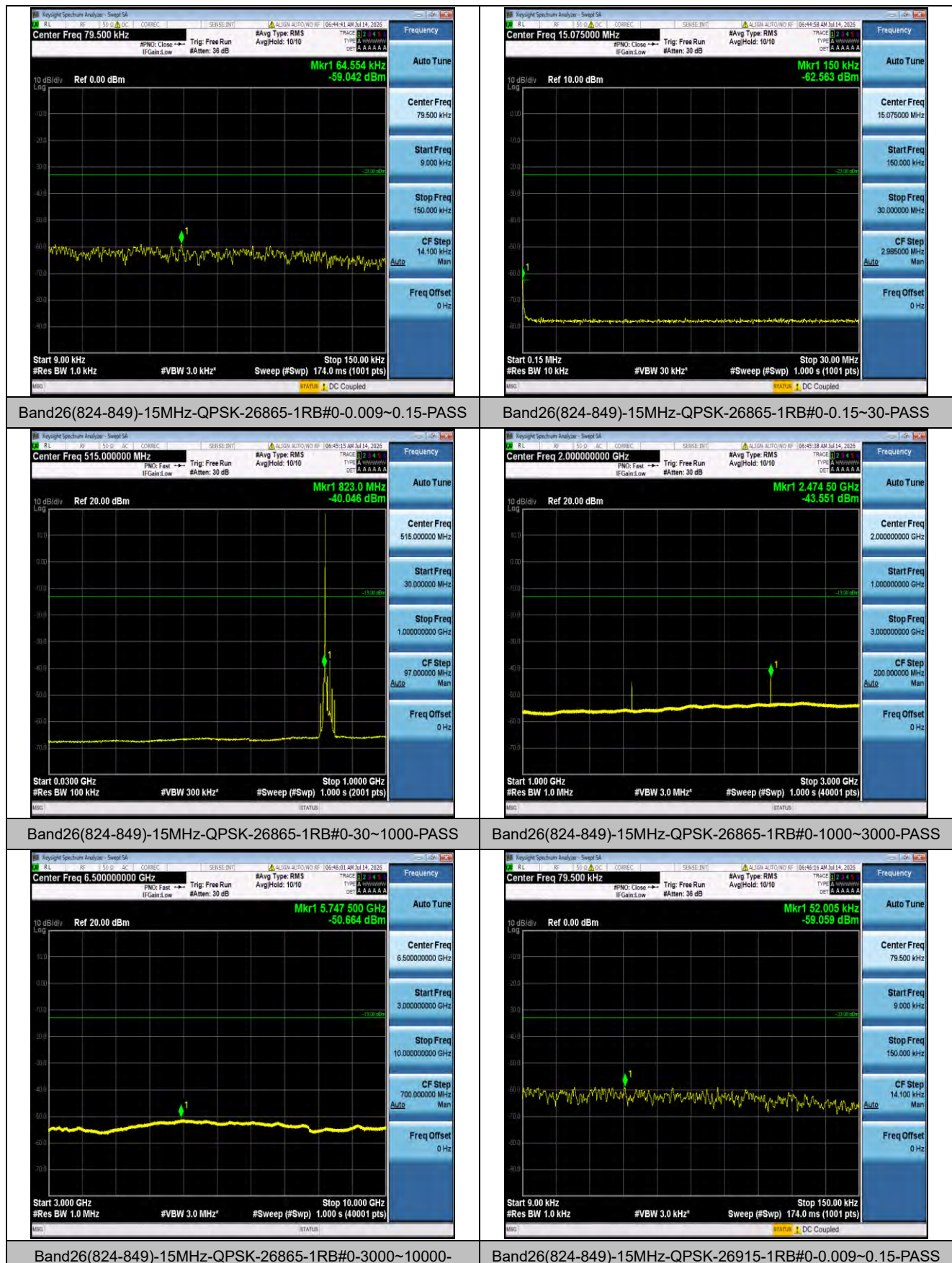
Band26(824-849)-15MHz-QPSK-26965-1RB#74-PASS

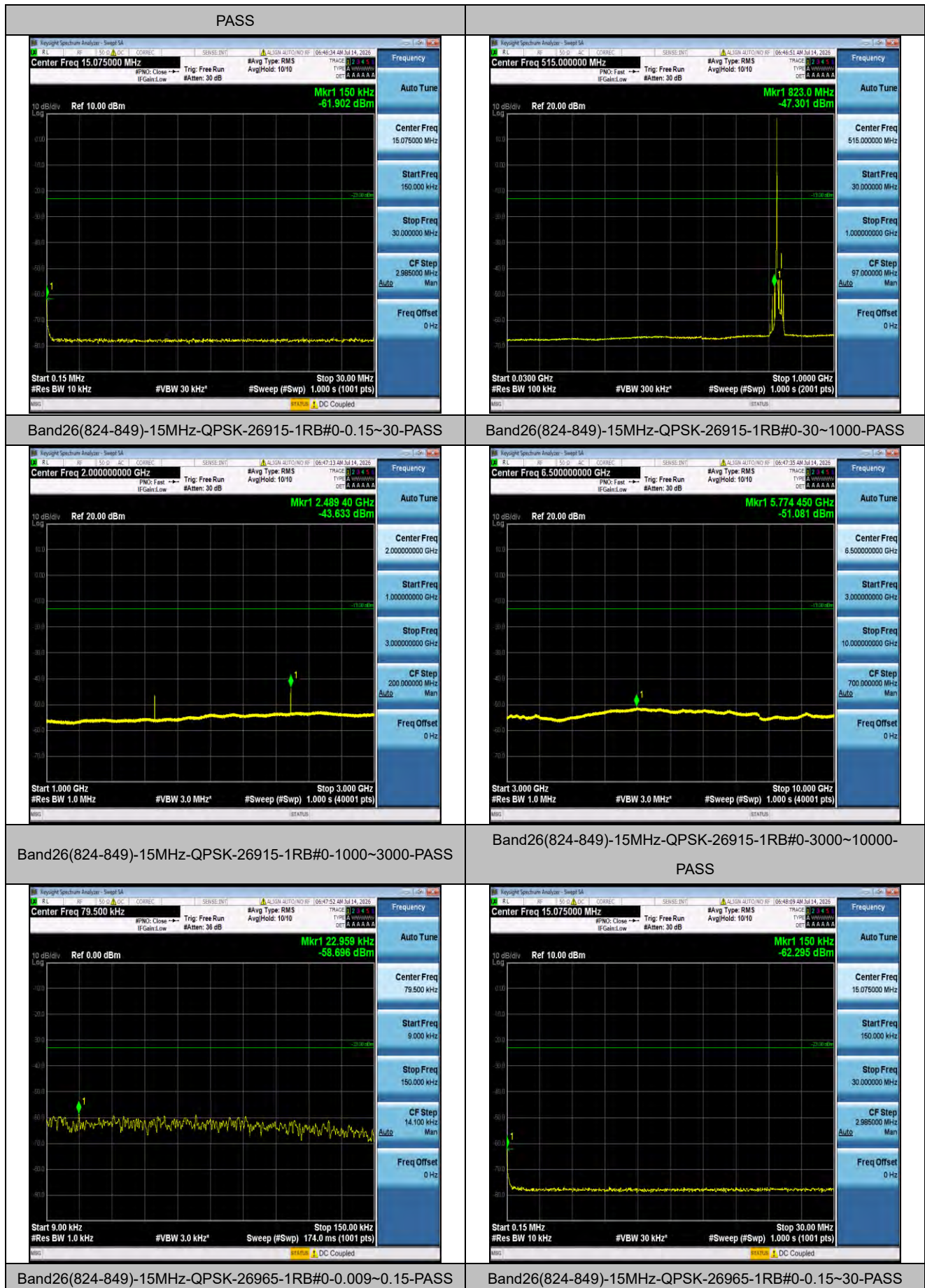


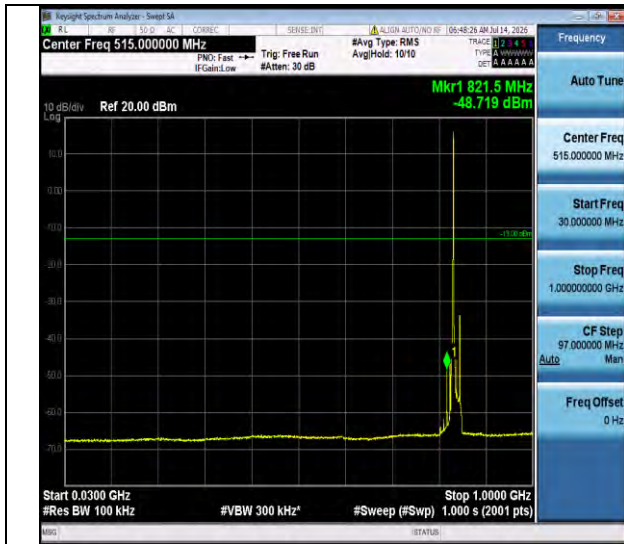
Band26(824-849)-15MHz-QPSK-26965-75RB#0-PASS

Conducted Spurious Emission

Test Graphs







Band26(824-849)-15MHz-QPSK-26965-1RB#0-30~1000-PASS



Band26(824-849)-15MHz-QPSK-26965-1RB#0-1000~3000-PASS



Band26(824-849)-15MHz-QPSK-26965-1RB#0-3000~10000-

PASS

Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26(824-849)	15MHz	QPSK	26915	75RB#0	VN	NT	2.60	0.003108	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	VL	NT	2.83	0.003383	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	VH	NT	2.27	0.002714	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Deviation (ppm)	Verdict
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	-30	-2.58	-0.003084	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	-20	3.32	0.003969	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	-10	-2.79	-0.003335	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	0	2.35	0.002809	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	10	3.05	0.003646	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	20	-3.50	-0.004184	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	30	1.38	0.001650	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	40	2.40	0.002869	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	50	2.15	0.002570	±2.5	PASS

~The End~