

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	23.14	21.29	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26797	1RB#2	23.28	21.43	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26797	1RB#5	23.16	21.31	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	22.25	20.4	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26797	1RB#0	22.65	20.8	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26797	1RB#2	22.54	20.69	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26797	1RB#5	22.66	20.81	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	21.35	19.5	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26915	1RB#0	22.87	21.02	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26915	1RB#2	22.94	21.09	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26915	1RB#5	22.89	21.04	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26915	6RB#0	22.21	20.36	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26915	1RB#0	22.06	20.21	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26915	1RB#2	22.24	20.39	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26915	1RB#5	22.31	20.46	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26915	6RB#0	21.13	19.28	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	27033	1RB#0	23.07	21.22	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	27033	1RB#2	22.98	21.13	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	27033	1RB#5	22.96	21.11	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	22.15	20.3	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	27033	1RB#0	22.56	20.71	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	27033	1RB#2	22.47	20.62	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	27033	1RB#5	22.51	20.66	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	21.21	19.36	38.45	PASS
Band26(824-849)	3MHz	QPSK	26805	1RB#0	23.29	21.44	38.45	PASS
Band26(824-849)	3MHz	QPSK	26805	1RB#8	23.21	21.36	38.45	PASS
Band26(824-849)	3MHz	QPSK	26805	1RB#14	23.22	21.37	38.45	PASS
Band26(824-849)	3MHz	QPSK	26805	15RB#0	22.23	20.38	38.45	PASS
Band26(824-849)	3MHz	16QAM	26805	1RB#0	22.6	20.75	38.45	PASS
Band26(824-849)	3MHz	16QAM	26805	1RB#8	22.59	20.74	38.45	PASS
Band26(824-849)	3MHz	16QAM	26805	1RB#14	22.45	20.6	38.45	PASS
Band26(824-849)	3MHz	16QAM	26805	15RB#0	21.3	19.45	38.45	PASS
Band26(824-849)	3MHz	QPSK	26915	1RB#0	22.99	21.14	38.45	PASS
Band26(824-849)	3MHz	QPSK	26915	1RB#8	23.02	21.17	38.45	PASS
Band26(824-849)	3MHz	QPSK	26915	1RB#14	22.96	21.11	38.45	PASS
Band26(824-849)	3MHz	QPSK	26915	15RB#0	22.02	20.17	38.45	PASS
Band26(824-849)	3MHz	16QAM	26915	1RB#0	22.16	20.31	38.45	PASS

Band26(824-849)	3MHz	16QAM	26915	1RB#8	22.46	20.61	38.45	PASS
Band26(824-849)	3MHz	16QAM	26915	1RB#14	22.36	20.51	38.45	PASS
Band26(824-849)	3MHz	16QAM	26915	15RB#0	21.09	19.24	38.45	PASS
Band26(824-849)	3MHz	QPSK	27025	1RB#0	22.98	21.13	38.45	PASS
Band26(824-849)	3MHz	QPSK	27025	1RB#8	22.96	21.11	38.45	PASS
Band26(824-849)	3MHz	QPSK	27025	1RB#14	22.91	21.06	38.45	PASS
Band26(824-849)	3MHz	QPSK	27025	15RB#0	22.12	20.27	38.45	PASS
Band26(824-849)	3MHz	16QAM	27025	1RB#0	22.13	20.28	38.45	PASS
Band26(824-849)	3MHz	16QAM	27025	1RB#8	22.05	20.2	38.45	PASS
Band26(824-849)	3MHz	16QAM	27025	1RB#14	22.01	20.16	38.45	PASS
Band26(824-849)	3MHz	16QAM	27025	15RB#0	21.02	19.17	38.45	PASS
Band26(824-849)	5MHz	QPSK	26815	1RB#0	23.29	21.44	38.45	PASS
Band26(824-849)	5MHz	QPSK	26815	1RB#12	23.2	21.35	38.45	PASS
Band26(824-849)	5MHz	QPSK	26815	1RB#24	23.18	21.33	38.45	PASS
Band26(824-849)	5MHz	QPSK	26815	25RB#0	22.24	20.39	38.45	PASS
Band26(824-849)	5MHz	16QAM	26815	1RB#0	22.55	20.7	38.45	PASS
Band26(824-849)	5MHz	16QAM	26815	1RB#12	22.33	20.48	38.45	PASS
Band26(824-849)	5MHz	16QAM	26815	1RB#24	22.63	20.78	38.45	PASS
Band26(824-849)	5MHz	16QAM	26815	25RB#0	21.3	19.45	38.45	PASS
Band26(824-849)	5MHz	QPSK	26915	1RB#0	23.08	21.23	38.45	PASS
Band26(824-849)	5MHz	QPSK	26915	1RB#12	23	21.15	38.45	PASS
Band26(824-849)	5MHz	QPSK	26915	1RB#24	23	21.15	38.45	PASS
Band26(824-849)	5MHz	QPSK	26915	25RB#0	22.04	20.19	38.45	PASS
Band26(824-849)	5MHz	16QAM	26915	1RB#0	22.1	20.25	38.45	PASS
Band26(824-849)	5MHz	16QAM	26915	1RB#12	22.46	20.61	38.45	PASS
Band26(824-849)	5MHz	16QAM	26915	1RB#24	22.42	20.57	38.45	PASS
Band26(824-849)	5MHz	16QAM	26915	25RB#0	21.13	19.28	38.45	PASS
Band26(824-849)	5MHz	QPSK	27015	1RB#0	23.05	21.2	38.45	PASS
Band26(824-849)	5MHz	QPSK	27015	1RB#12	22.98	21.13	38.45	PASS
Band26(824-849)	5MHz	QPSK	27015	1RB#24	22.95	21.1	38.45	PASS
Band26(824-849)	5MHz	QPSK	27015	25RB#0	22.05	20.2	38.45	PASS
Band26(824-849)	5MHz	16QAM	27015	1RB#0	22.41	20.56	38.45	PASS
Band26(824-849)	5MHz	16QAM	27015	1RB#12	22.16	20.31	38.45	PASS
Band26(824-849)	5MHz	16QAM	27015	1RB#24	22.35	20.5	38.45	PASS
Band26(824-849)	5MHz	16QAM	27015	25RB#0	21.02	19.17	38.45	PASS
Band26(824-849)	10MHz	QPSK	26840	1RB#0	23.22	21.37	38.45	PASS
Band26(824-849)	10MHz	QPSK	26840	1RB#24	23.15	21.3	38.45	PASS
Band26(824-849)	10MHz	QPSK	26840	1RB#49	23.05	21.2	38.45	PASS
Band26(824-849)	10MHz	QPSK	26840	50RB#0	22.15	20.3	38.45	PASS
Band26(824-849)	10MHz	16QAM	26840	1RB#0	22.48	20.63	38.45	PASS
Band26(824-849)	10MHz	16QAM	26840	1RB#24	22.54	20.69	38.45	PASS
Band26(824-849)	10MHz	16QAM	26840	1RB#49	22.3	20.45	38.45	PASS
Band26(824-849)	10MHz	16QAM	26840	50RB#0	21.34	19.49	38.45	PASS
Band26(824-849)	10MHz	QPSK	26915	1RB#0	23.1	21.25	38.45	PASS
Band26(824-849)	10MHz	QPSK	26915	1RB#24	22.99	21.14	38.45	PASS

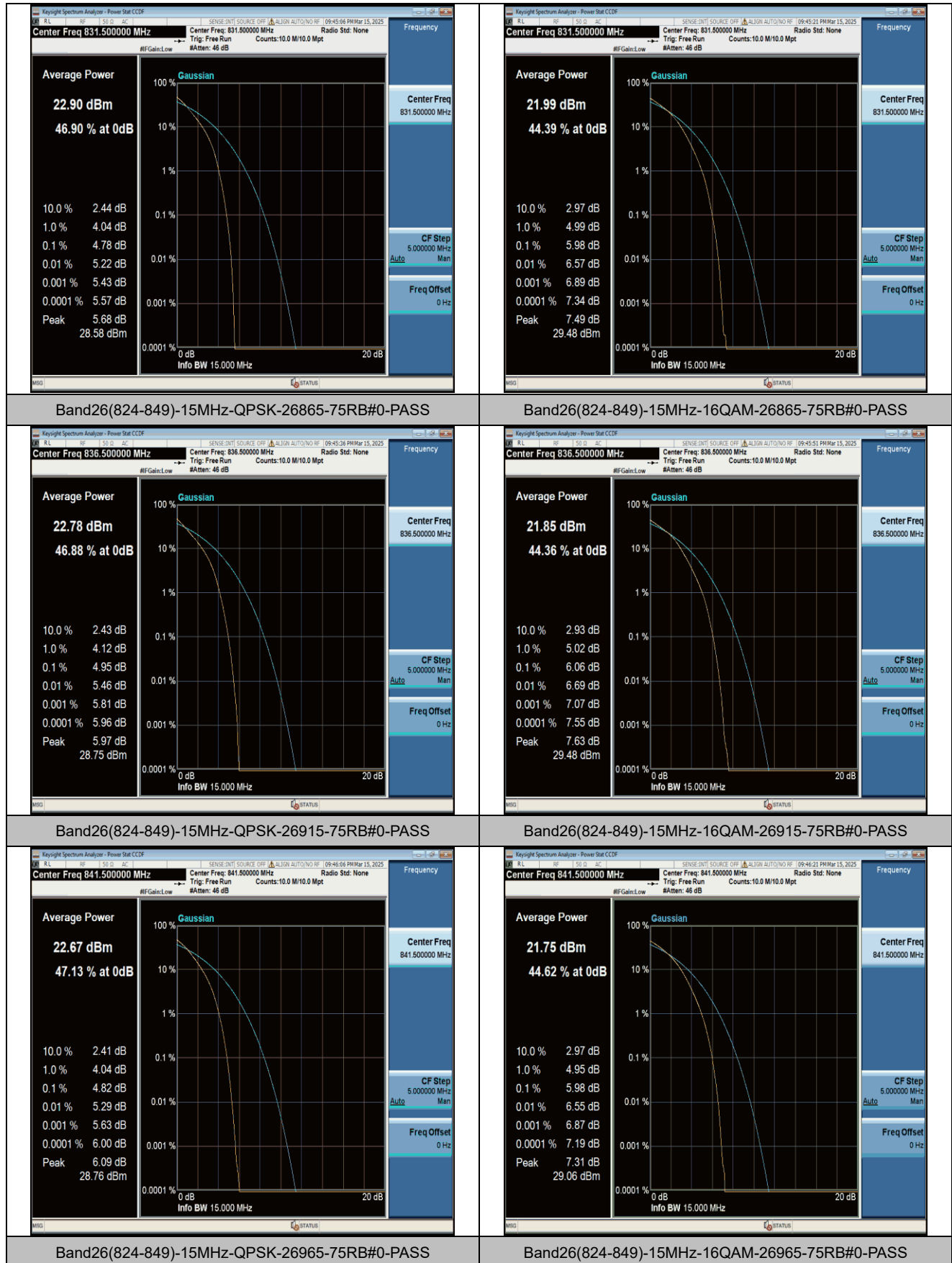
Band26(824-849)	10MHz	QPSK	26915	1RB#49	23.01	21.16	38.45	PASS
Band26(824-849)	10MHz	QPSK	26915	50RB#0	22.01	20.16	38.45	PASS
Band26(824-849)	10MHz	16QAM	26915	1RB#0	22.52	20.67	38.45	PASS
Band26(824-849)	10MHz	16QAM	26915	1RB#24	22.34	20.49	38.45	PASS
Band26(824-849)	10MHz	16QAM	26915	1RB#49	22.11	20.26	38.45	PASS
Band26(824-849)	10MHz	16QAM	26915	50RB#0	21.08	19.23	38.45	PASS
Band26(824-849)	10MHz	QPSK	26990	1RB#0	22.92	21.07	38.45	PASS
Band26(824-849)	10MHz	QPSK	26990	1RB#24	22.89	21.04	38.45	PASS
Band26(824-849)	10MHz	QPSK	26990	1RB#49	22.97	21.12	38.45	PASS
Band26(824-849)	10MHz	QPSK	26990	50RB#0	22.11	20.26	38.45	PASS
Band26(824-849)	10MHz	16QAM	26990	1RB#0	22.47	20.62	38.45	PASS
Band26(824-849)	10MHz	16QAM	26990	1RB#24	22.1	20.25	38.45	PASS
Band26(824-849)	10MHz	16QAM	26990	1RB#49	22.05	20.2	38.45	PASS
Band26(824-849)	10MHz	16QAM	26990	50RB#0	20.95	19.1	38.45	PASS
Band26(824-849)	15MHz	QPSK	26865	1RB#0	23.22	21.37	38.45	PASS
Band26(824-849)	15MHz	QPSK	26865	1RB#38	23.2	21.35	38.45	PASS
Band26(824-849)	15MHz	QPSK	26865	1RB#74	22.97	21.12	38.45	PASS
Band26(824-849)	15MHz	QPSK	26865	75RB#0	22.14	20.29	38.45	PASS
Band26(824-849)	15MHz	16QAM	26865	1RB#0	22.32	20.47	38.45	PASS
Band26(824-849)	15MHz	16QAM	26865	1RB#38	22.54	20.69	38.45	PASS
Band26(824-849)	15MHz	16QAM	26865	1RB#74	22.47	20.62	38.45	PASS
Band26(824-849)	15MHz	16QAM	26865	75RB#0	21.24	19.39	38.45	PASS
Band26(824-849)	15MHz	QPSK	26915	1RB#0	23.14	21.29	38.45	PASS
Band26(824-849)	15MHz	QPSK	26915	1RB#38	23.06	21.21	38.45	PASS
Band26(824-849)	15MHz	QPSK	26915	1RB#74	22.97	21.12	38.45	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	22.02	20.17	38.45	PASS
Band26(824-849)	15MHz	16QAM	26915	1RB#0	22.67	20.82	38.45	PASS
Band26(824-849)	15MHz	16QAM	26915	1RB#38	22.45	20.6	38.45	PASS
Band26(824-849)	15MHz	16QAM	26915	1RB#74	22.11	20.26	38.45	PASS
Band26(824-849)	15MHz	16QAM	26915	75RB#0	21.03	19.18	38.45	PASS
Band26(824-849)	15MHz	QPSK	26965	1RB#0	23.05	21.2	38.45	PASS
Band26(824-849)	15MHz	QPSK	26965	1RB#38	23.01	21.16	38.45	PASS
Band26(824-849)	15MHz	QPSK	26965	1RB#74	22.96	21.11	38.45	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	22.11	20.26	38.45	PASS
Band26(824-849)	15MHz	16QAM	26965	1RB#0	22.14	20.29	38.45	PASS
Band26(824-849)	15MHz	16QAM	26965	1RB#38	22.37	20.52	38.45	PASS
Band26(824-849)	15MHz	16QAM	26965	1RB#74	22.11	20.26	38.45	PASS
Band26(824-849)	15MHz	16QAM	26965	75RB#0	21.14	19.29	38.45	PASS

Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band26(824-849)	15MHz	QPSK	26865	75RB#0	4.78	13	PASS
Band26(824-849)	15MHz	16QAM	26865	75RB#0	5.98	13	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	4.95	13	PASS
Band26(824-849)	15MHz	16QAM	26915	75RB#0	6.06	13	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	4.82	13	PASS
Band26(824-849)	15MHz	16QAM	26965	75RB#0	5.98	13	PASS

Test Graphs

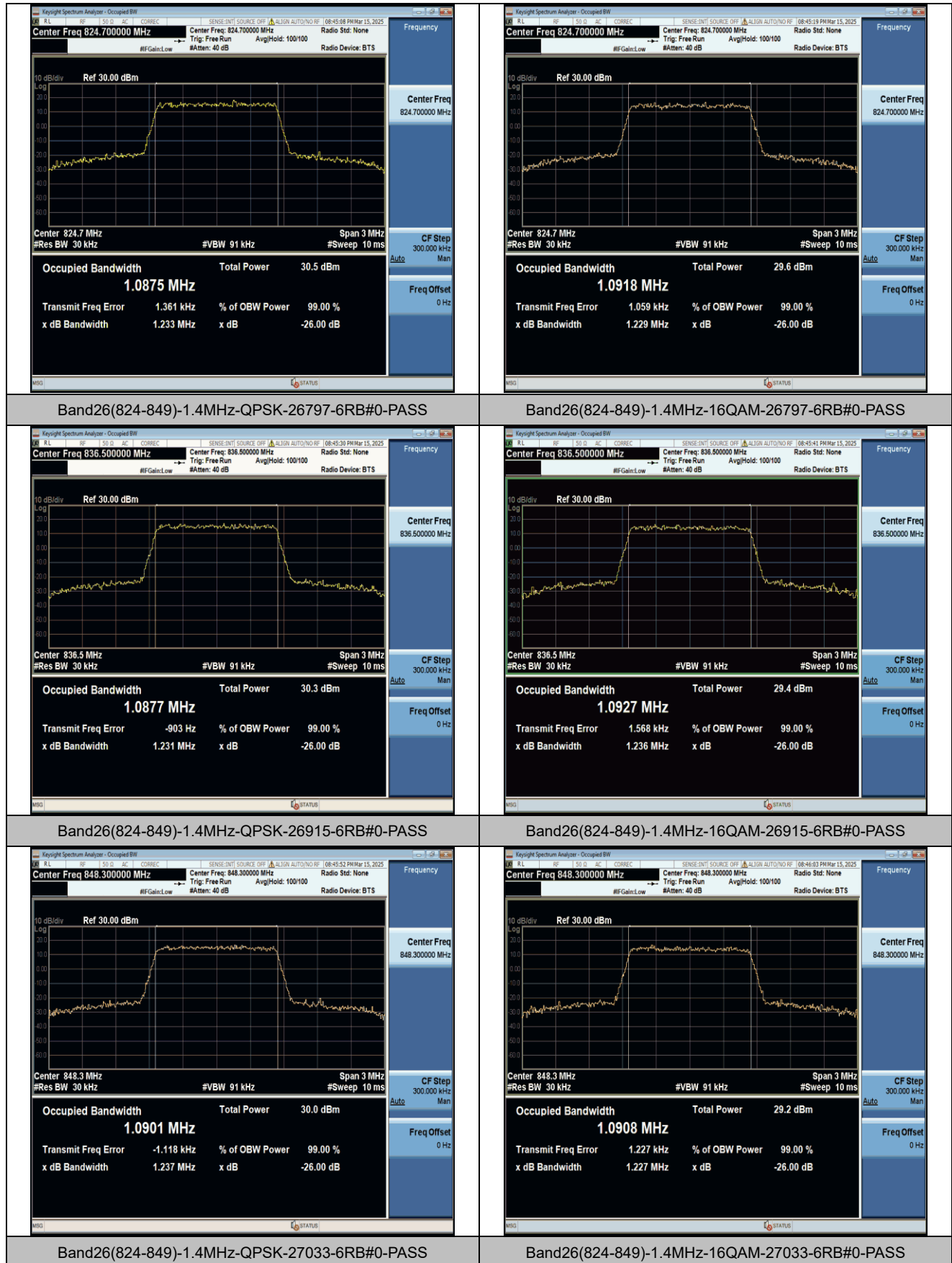


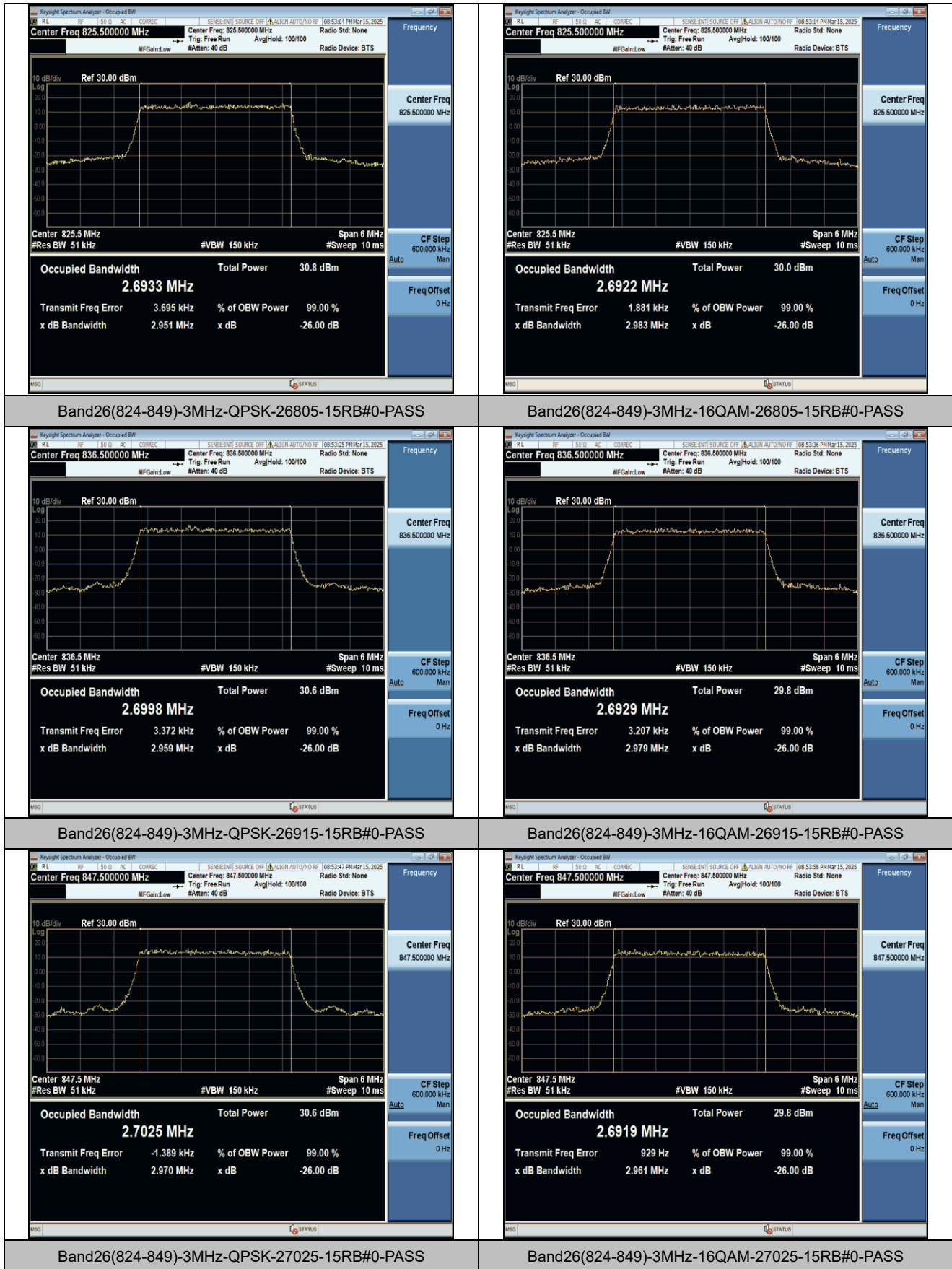
26dB Bandwidth and Occupied Bandwidth

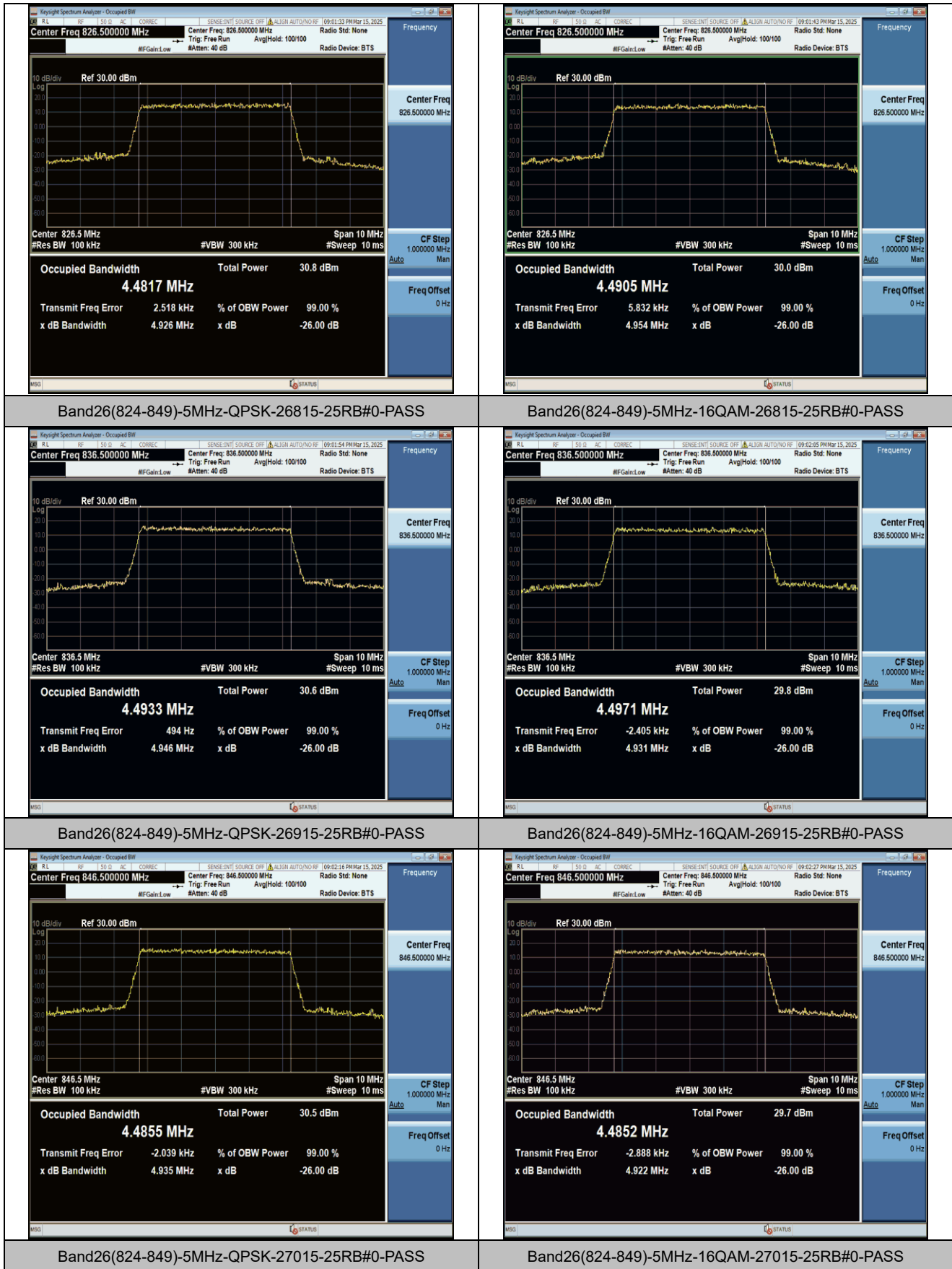
Test Result

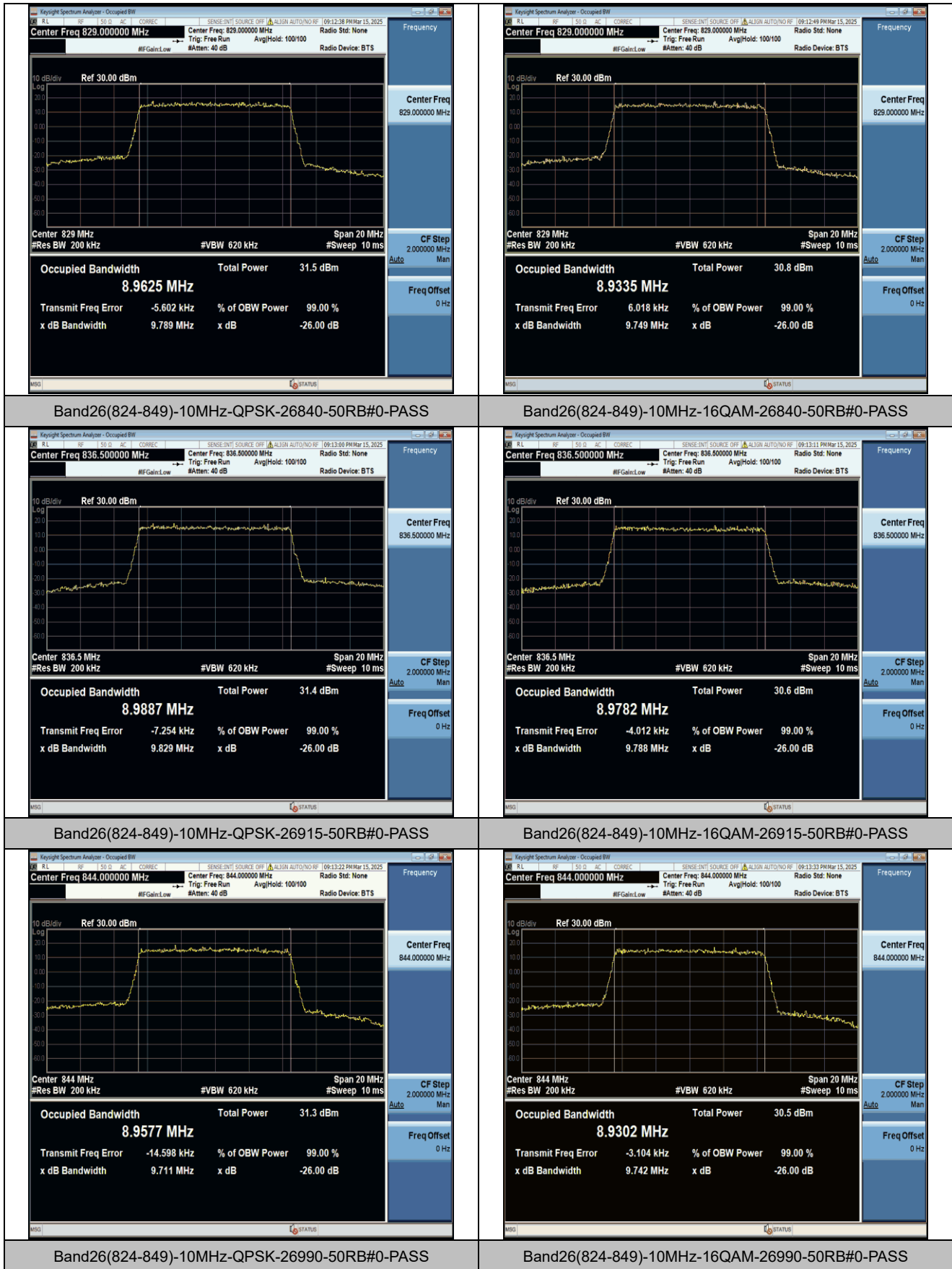
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	1.0875	1.233	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	1.0918	1.229	PASS
Band26(824-849)	1.4MHz	QPSK	26915	6RB#0	1.0877	1.231	PASS
Band26(824-849)	1.4MHz	16QAM	26915	6RB#0	1.0927	1.236	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	1.0901	1.237	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	1.0908	1.227	PASS
Band26(824-849)	3MHz	QPSK	26805	15RB#0	2.6933	2.951	PASS
Band26(824-849)	3MHz	16QAM	26805	15RB#0	2.6922	2.983	PASS
Band26(824-849)	3MHz	QPSK	26915	15RB#0	2.6998	2.959	PASS
Band26(824-849)	3MHz	16QAM	26915	15RB#0	2.6929	2.979	PASS
Band26(824-849)	3MHz	QPSK	27025	15RB#0	2.7025	2.970	PASS
Band26(824-849)	3MHz	16QAM	27025	15RB#0	2.6919	2.961	PASS
Band26(824-849)	5MHz	QPSK	26815	25RB#0	4.4817	4.926	PASS
Band26(824-849)	5MHz	16QAM	26815	25RB#0	4.4905	4.954	PASS
Band26(824-849)	5MHz	QPSK	26915	25RB#0	4.4933	4.946	PASS
Band26(824-849)	5MHz	16QAM	26915	25RB#0	4.4971	4.931	PASS
Band26(824-849)	5MHz	QPSK	27015	25RB#0	4.4855	4.935	PASS
Band26(824-849)	5MHz	16QAM	27015	25RB#0	4.4852	4.922	PASS
Band26(824-849)	10MHz	QPSK	26840	50RB#0	8.9625	9.789	PASS
Band26(824-849)	10MHz	16QAM	26840	50RB#0	8.9335	9.749	PASS
Band26(824-849)	10MHz	QPSK	26915	50RB#0	8.9887	9.829	PASS
Band26(824-849)	10MHz	16QAM	26915	50RB#0	8.9782	9.788	PASS
Band26(824-849)	10MHz	QPSK	26990	50RB#0	8.9577	9.711	PASS
Band26(824-849)	10MHz	16QAM	26990	50RB#0	8.9302	9.742	PASS
Band26(824-849)	15MHz	QPSK	26865	75RB#0	13.428	14.56	PASS
Band26(824-849)	15MHz	16QAM	26865	75RB#0	13.435	14.57	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	13.505	14.57	PASS
Band26(824-849)	15MHz	16QAM	26915	75RB#0	13.470	14.71	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	13.463	14.65	PASS
Band26(824-849)	15MHz	16QAM	26965	75RB#0	13.438	14.63	PASS

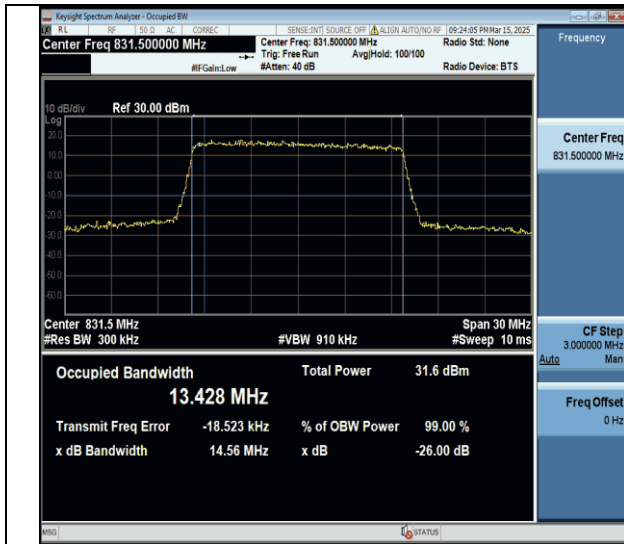
Test Graphs



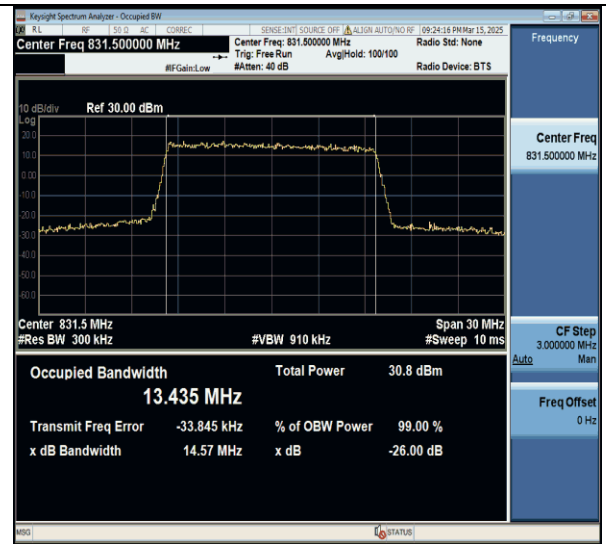








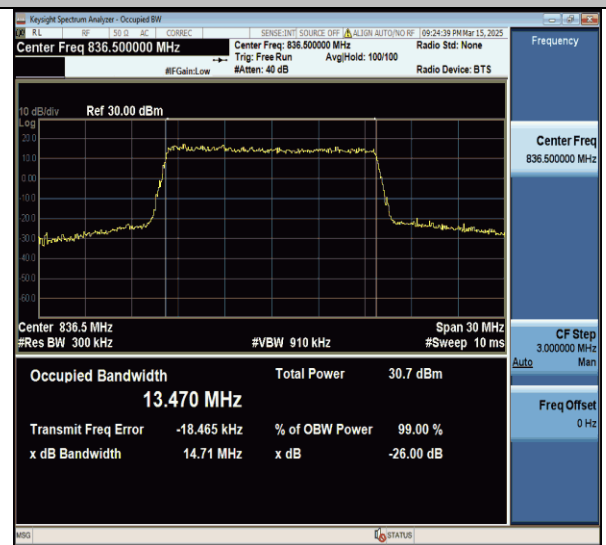
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Band26(824-849)-15MHz-16QAM-26865-75RB#0-PASS



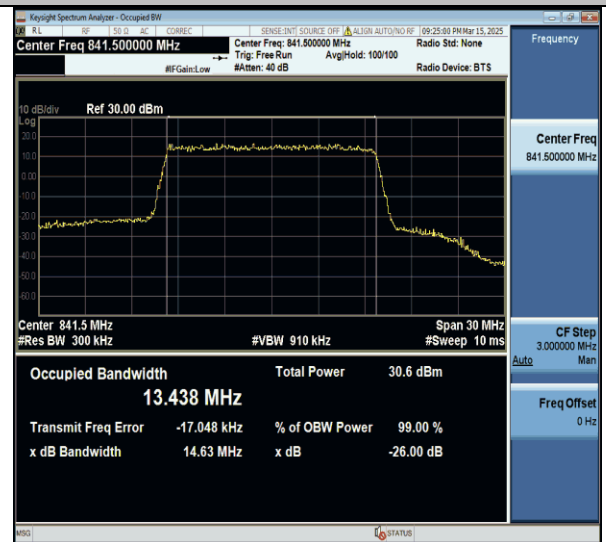
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Band26(824-849)-15MHz-16QAM-26915-75RB#0-PASS



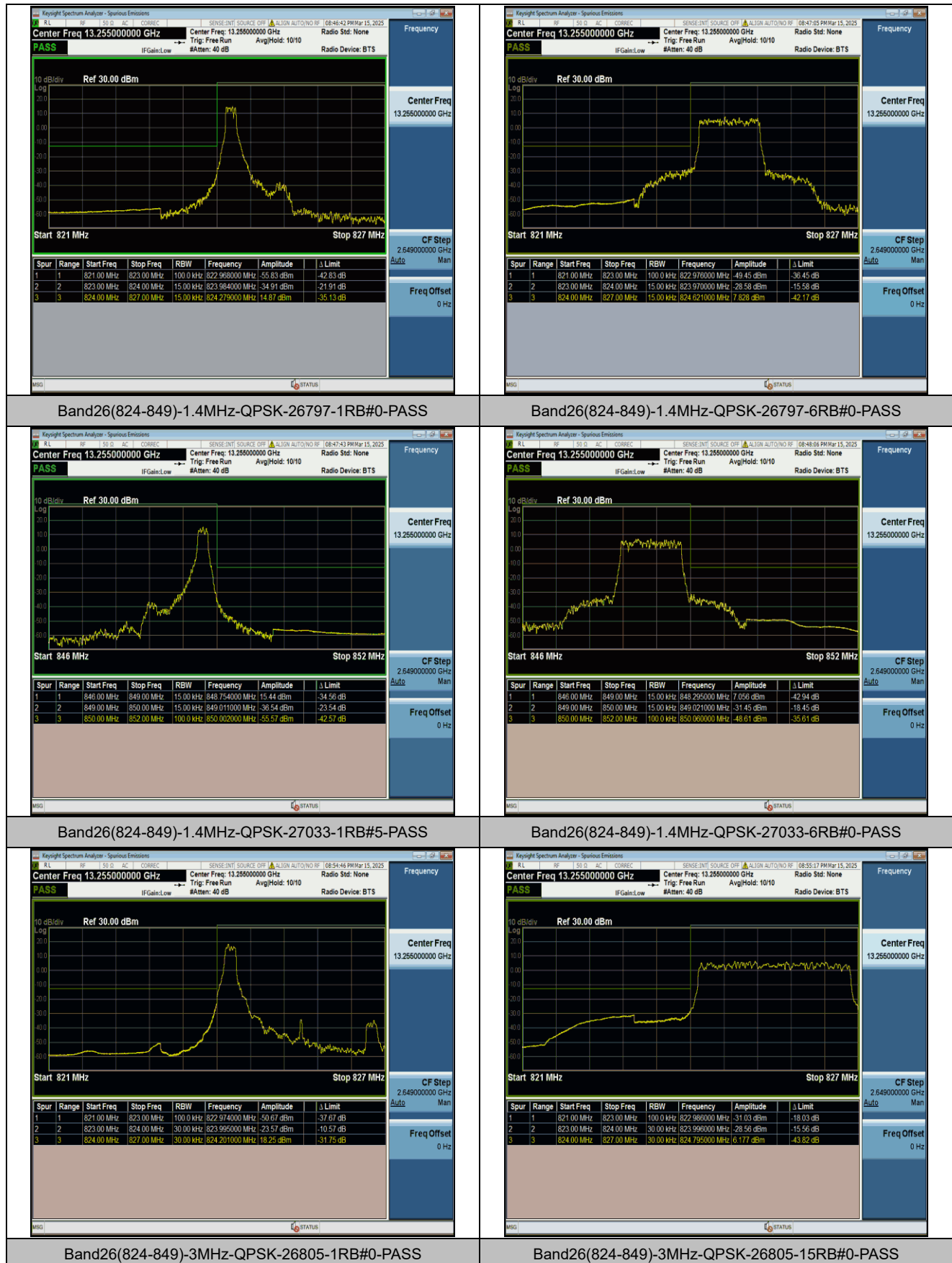
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Band26(824-849)-15MHz-16QAM-26965-75RB#0-PASS

Band Edge

Test Graphs

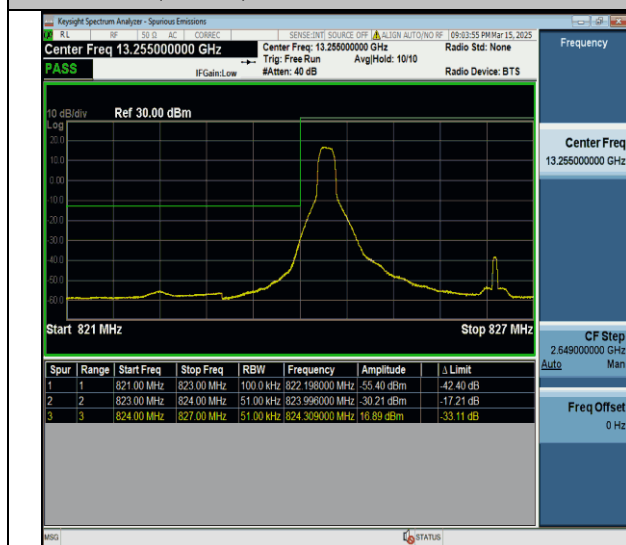




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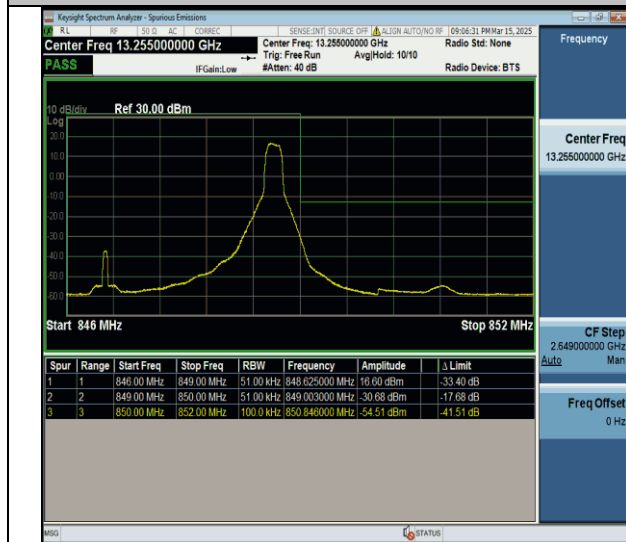
Band26(824-849)-3MHz-QPSK-27025-15RB#0-PASS



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



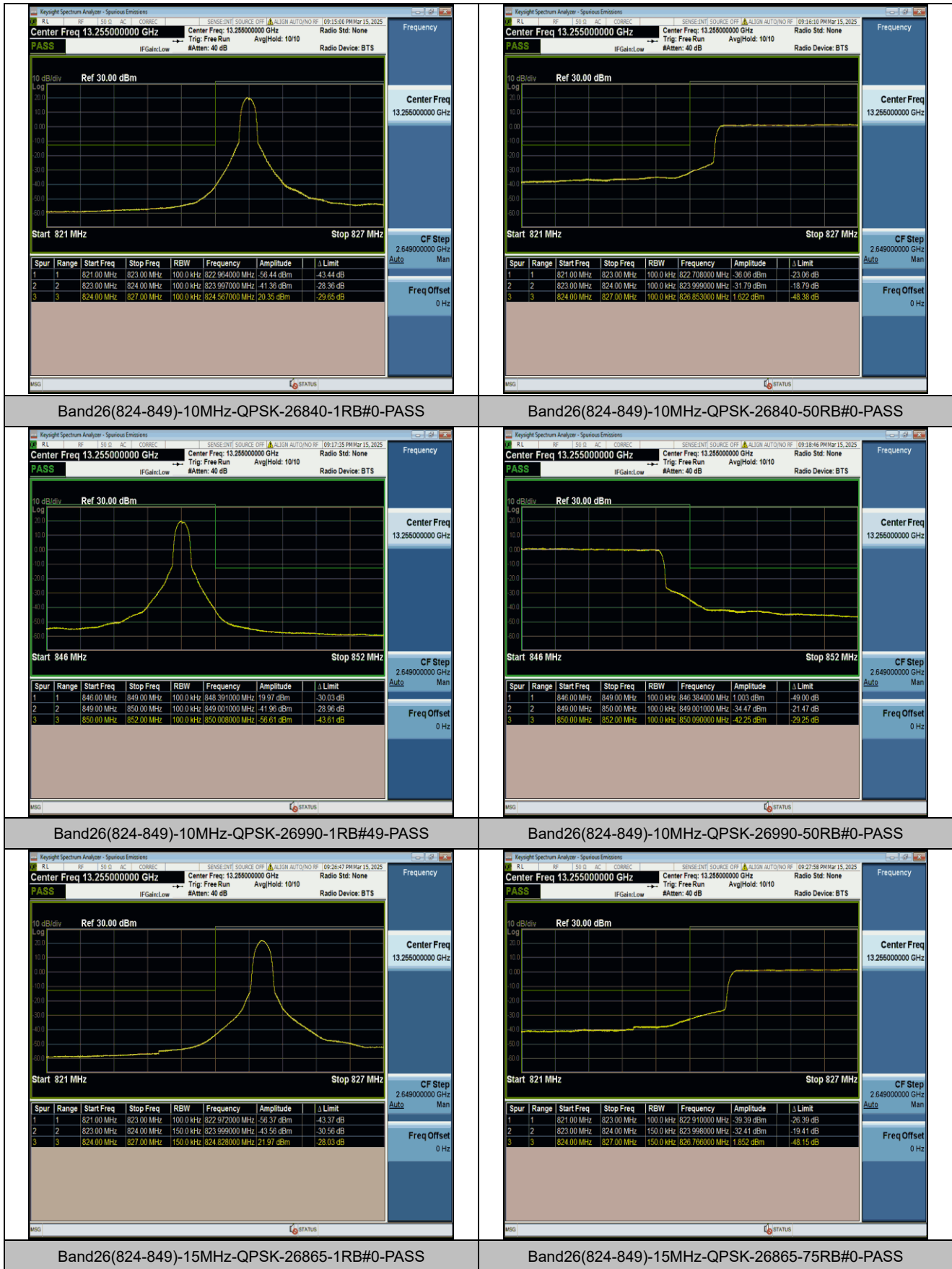
Band26(824-849)-5MHz-QPSK-26815-25RB#0-PASS

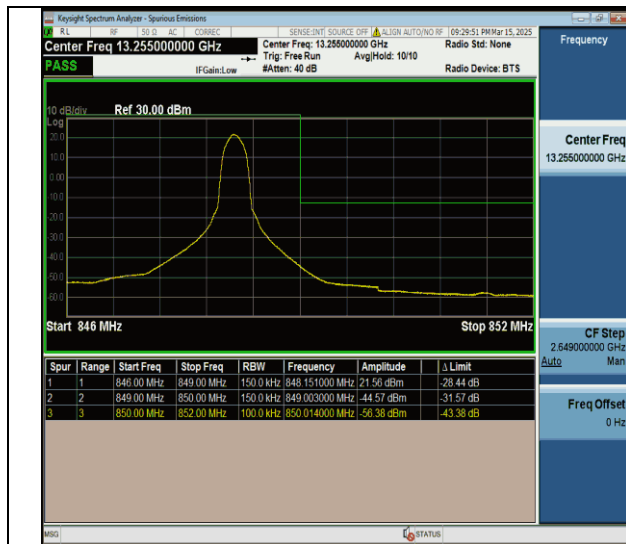


Band26(824-849)-5MHz-QPSK-27015-1RB#24-PASS

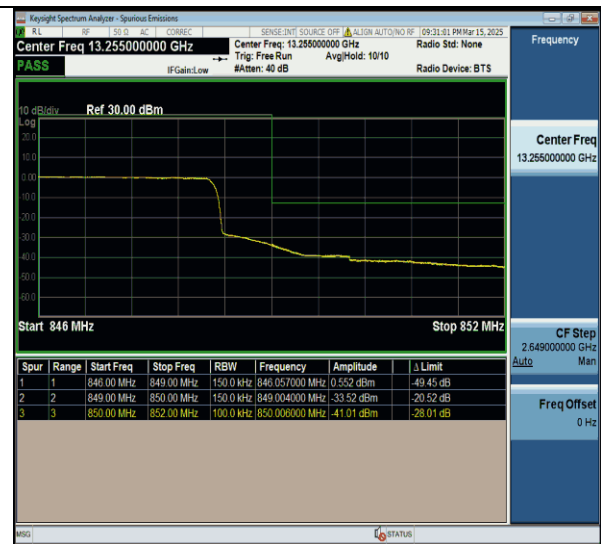


Band26(824-849)-5MHz-QPSK-27015-25RB#0-PASS





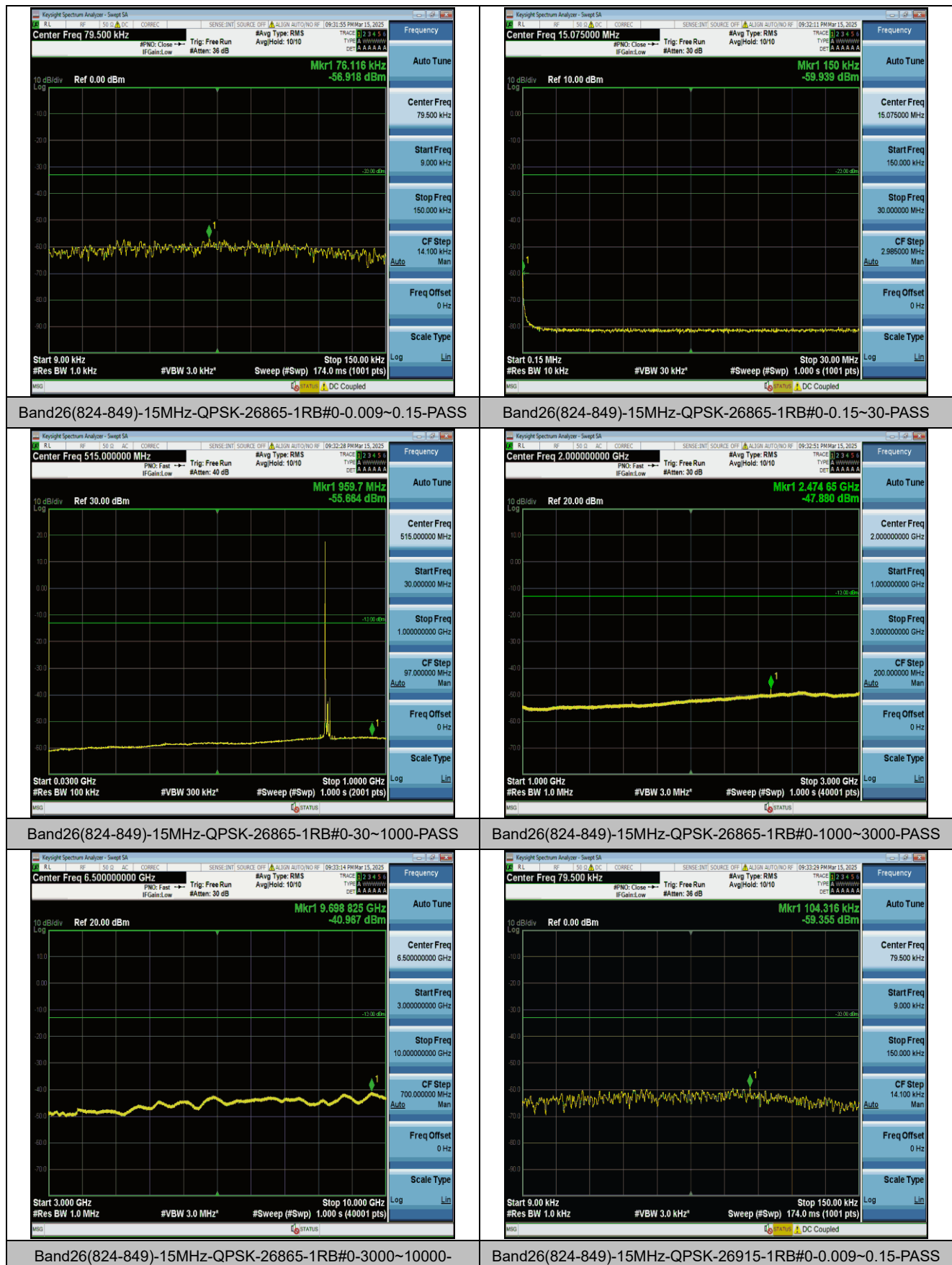
Band26(824-849)-15MHz-QPSK-26965-1RB#74-PASS

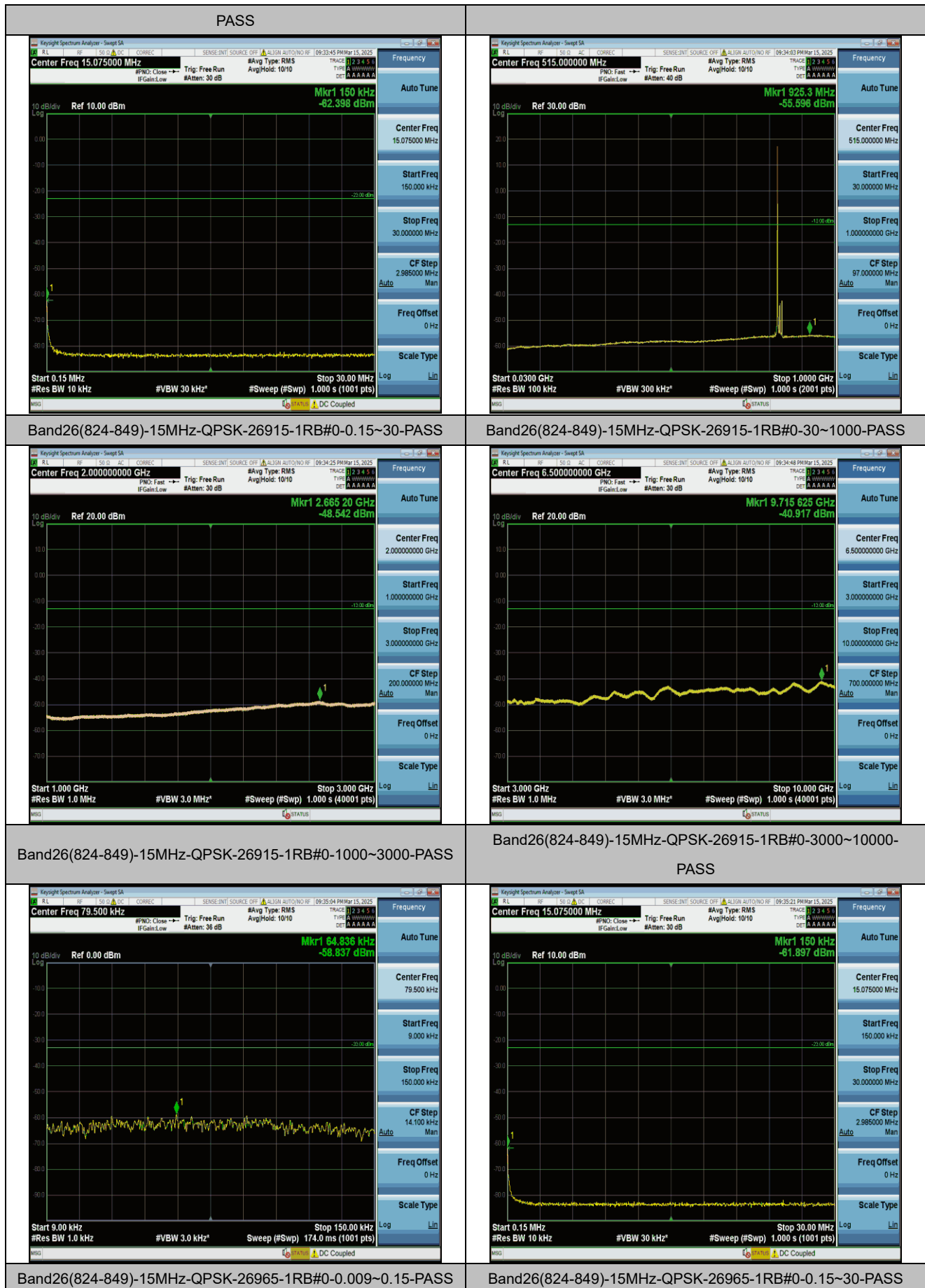


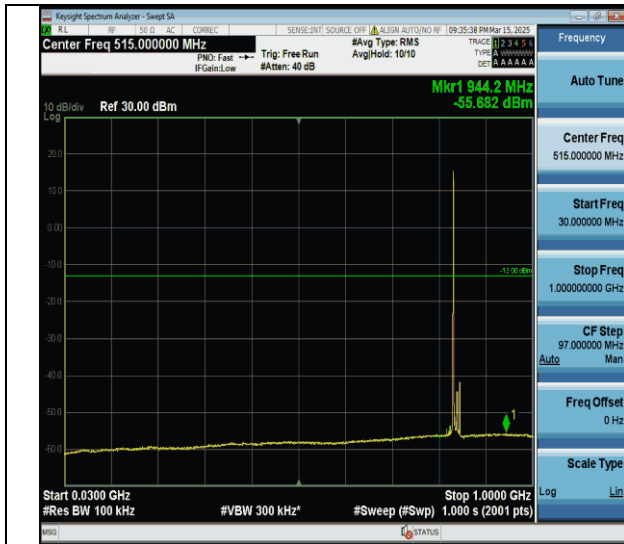
Band26(824-849)-15MHz-QPSK-26965-75RB#0-PASS

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	-7.60	-0.009085	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	VL	NT	-6.10	-0.007292	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	VH	NT	-4.90	-0.005858	±2.5	PASS

Temperature										
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	NV	-30	-7.90	-0.009444	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	-20	-3.30	-0.003945	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	-10	-8.00	-0.009564	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	0	-8.00	-0.009564	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	10	-2.70	-0.003228	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	20	0.00	0.000000	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	30	-2.10	-0.002510	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	40	-2.30	-0.002750	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	50	1.50	0.001793	±2.5	PASS

~The End~