

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	23.61	21.76	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26797	1RB#2	24.06	22.21	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26797	1RB#5	24	22.15	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	22.93	21.08	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26797	1RB#0	22.64	20.79	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26797	1RB#2	22.59	20.74	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26797	1RB#5	23.04	21.19	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	21.9	20.05	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26915	1RB#0	23.82	21.97	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26915	1RB#2	23.7	21.85	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26915	1RB#5	23.76	21.91	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26915	6RB#0	22.81	20.96	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26915	1RB#0	22.64	20.79	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26915	1RB#2	22.97	21.12	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26915	1RB#5	22.63	20.78	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26915	6RB#0	21.75	19.9	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	27033	1RB#0	23.01	21.16	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	27033	1RB#2	22.9	21.05	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	27033	1RB#5	23.62	21.77	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	22.51	20.66	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	27033	1RB#0	22.19	20.34	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	27033	1RB#2	22.23	20.38	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	27033	1RB#5	21.78	19.93	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	21.57	19.72	38.45	PASS
Band26(824-849)	3MHz	QPSK	26805	1RB#0	23.79	21.94	38.45	PASS
Band26(824-849)	3MHz	QPSK	26805	1RB#8	24.21	22.36	38.45	PASS
Band26(824-849)	3MHz	QPSK	26805	1RB#14	23.85	22	38.45	PASS
Band26(824-849)	3MHz	QPSK	26805	15RB#0	22.96	21.11	38.45	PASS
Band26(824-849)	3MHz	16QAM	26805	1RB#0	22.58	20.73	38.45	PASS
Band26(824-849)	3MHz	16QAM	26805	1RB#8	22.74	20.89	38.45	PASS
Band26(824-849)	3MHz	16QAM	26805	1RB#14	22.84	20.99	38.45	PASS
Band26(824-849)	3MHz	16QAM	26805	15RB#0	21.9	20.05	38.45	PASS
Band26(824-849)	3MHz	QPSK	26915	1RB#0	23.59	21.74	38.45	PASS
Band26(824-849)	3MHz	QPSK	26915	1RB#8	23.77	21.92	38.45	PASS
Band26(824-849)	3MHz	QPSK	26915	1RB#14	23.5	21.65	38.45	PASS
Band26(824-849)	3MHz	QPSK	26915	15RB#0	22.85	21	38.45	PASS
Band26(824-849)	3MHz	16QAM	26915	1RB#0	22.72	20.87	38.45	PASS

Band26(824-849)	3MHz	16QAM	26915	1RB#8	22.47	20.62	38.45	PASS
Band26(824-849)	3MHz	16QAM	26915	1RB#14	22.71	20.86	38.45	PASS
Band26(824-849)	3MHz	16QAM	26915	15RB#0	21.96	20.11	38.45	PASS
Band26(824-849)	3MHz	QPSK	27025	1RB#0	23.06	21.21	38.45	PASS
Band26(824-849)	3MHz	QPSK	27025	1RB#8	23.07	21.22	38.45	PASS
Band26(824-849)	3MHz	QPSK	27025	1RB#14	23.82	21.97	38.45	PASS
Band26(824-849)	3MHz	QPSK	27025	15RB#0	22.67	20.82	38.45	PASS
Band26(824-849)	3MHz	16QAM	27025	1RB#0	22.49	20.64	38.45	PASS
Band26(824-849)	3MHz	16QAM	27025	1RB#8	22.6	20.75	38.45	PASS
Band26(824-849)	3MHz	16QAM	27025	1RB#14	22.74	20.89	38.45	PASS
Band26(824-849)	3MHz	16QAM	27025	15RB#0	21.83	19.98	38.45	PASS
Band26(824-849)	5MHz	QPSK	26815	1RB#0	23.71	21.86	38.45	PASS
Band26(824-849)	5MHz	QPSK	26815	1RB#12	24.13	22.28	38.45	PASS
Band26(824-849)	5MHz	QPSK	26815	1RB#24	24.44	22.59	38.45	PASS
Band26(824-849)	5MHz	QPSK	26815	25RB#0	23.02	21.17	38.45	PASS
Band26(824-849)	5MHz	16QAM	26815	1RB#0	23.01	21.16	38.45	PASS
Band26(824-849)	5MHz	16QAM	26815	1RB#12	23.25	21.4	38.45	PASS
Band26(824-849)	5MHz	16QAM	26815	1RB#24	22.55	20.7	38.45	PASS
Band26(824-849)	5MHz	16QAM	26815	25RB#0	21.86	20.01	38.45	PASS
Band26(824-849)	5MHz	QPSK	26915	1RB#0	24.29	22.44	38.45	PASS
Band26(824-849)	5MHz	QPSK	26915	1RB#12	23.76	21.91	38.45	PASS
Band26(824-849)	5MHz	QPSK	26915	1RB#24	23.82	21.97	38.45	PASS
Band26(824-849)	5MHz	QPSK	26915	25RB#0	22.91	21.06	38.45	PASS
Band26(824-849)	5MHz	16QAM	26915	1RB#0	22.72	20.87	38.45	PASS
Band26(824-849)	5MHz	16QAM	26915	1RB#12	22.82	20.97	38.45	PASS
Band26(824-849)	5MHz	16QAM	26915	1RB#24	22.28	20.43	38.45	PASS
Band26(824-849)	5MHz	16QAM	26915	25RB#0	21.9	20.05	38.45	PASS
Band26(824-849)	5MHz	QPSK	27015	1RB#0	24	22.15	38.45	PASS
Band26(824-849)	5MHz	QPSK	27015	1RB#12	24.32	22.47	38.45	PASS
Band26(824-849)	5MHz	QPSK	27015	1RB#24	23.52	21.67	38.45	PASS
Band26(824-849)	5MHz	QPSK	27015	25RB#0	22.7	20.85	38.45	PASS
Band26(824-849)	5MHz	16QAM	27015	1RB#0	22.31	20.46	38.45	PASS
Band26(824-849)	5MHz	16QAM	27015	1RB#12	22.44	20.59	38.45	PASS
Band26(824-849)	5MHz	16QAM	27015	1RB#24	22.27	20.42	38.45	PASS
Band26(824-849)	5MHz	16QAM	27015	25RB#0	21.56	19.71	38.45	PASS
Band26(824-849)	10MHz	QPSK	26840	1RB#0	23.84	21.99	38.45	PASS
Band26(824-849)	10MHz	QPSK	26840	1RB#24	24.02	22.17	38.45	PASS
Band26(824-849)	10MHz	QPSK	26840	1RB#49	23.32	21.47	38.45	PASS
Band26(824-849)	10MHz	QPSK	26840	50RB#0	23.01	21.16	38.45	PASS
Band26(824-849)	10MHz	16QAM	26840	1RB#0	23.06	21.21	38.45	PASS
Band26(824-849)	10MHz	16QAM	26840	1RB#24	22.99	21.14	38.45	PASS
Band26(824-849)	10MHz	16QAM	26840	1RB#49	23.82	21.97	38.45	PASS
Band26(824-849)	10MHz	16QAM	26840	50RB#0	21.87	20.02	38.45	PASS
Band26(824-849)	10MHz	QPSK	26915	1RB#0	24.52	22.67	38.45	PASS
Band26(824-849)	10MHz	QPSK	26915	1RB#24	23.89	22.04	38.45	PASS

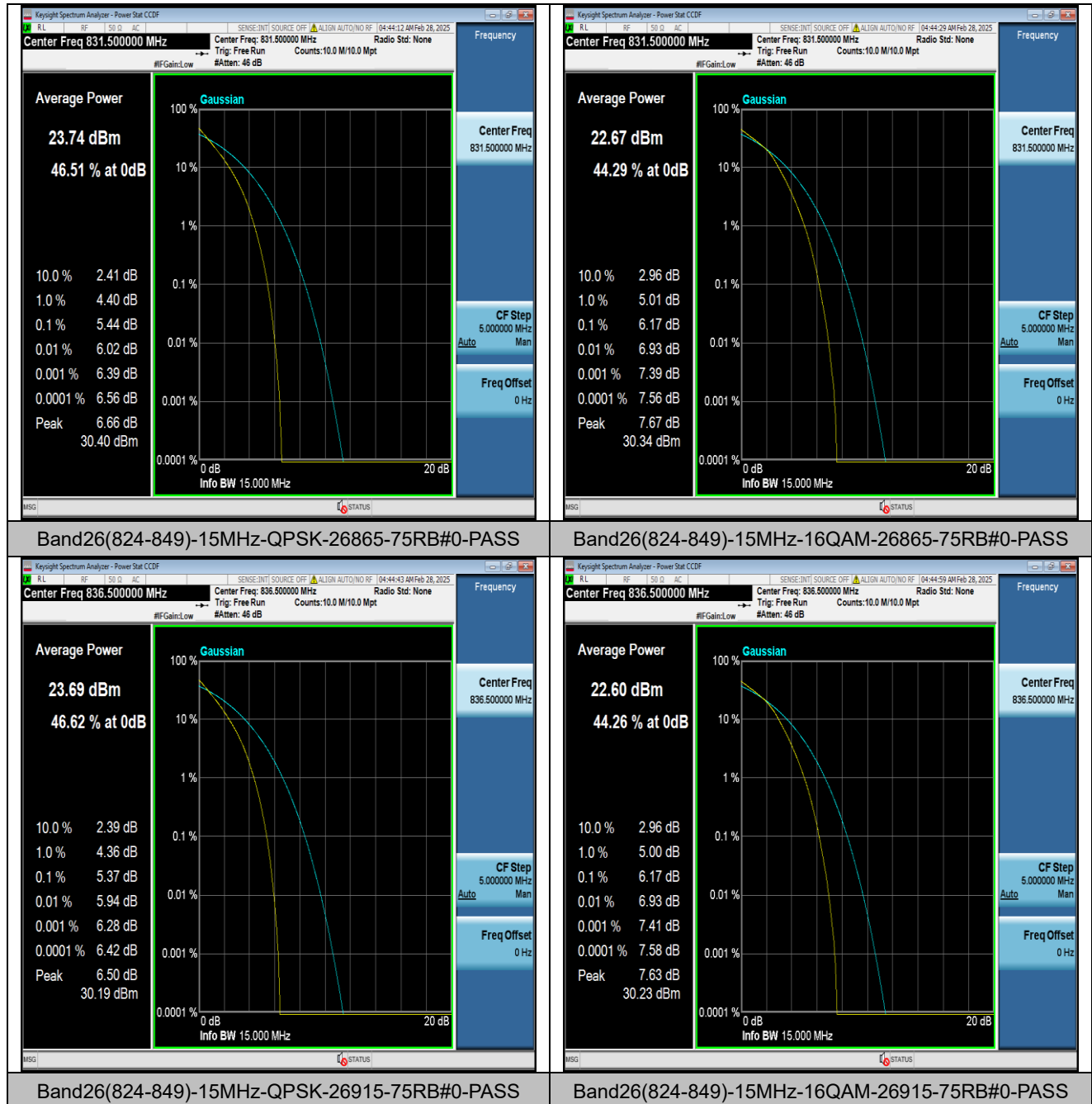
Band26(824-849)	10MHz	QPSK	26915	1RB#49	24.07	22.22	38.45	PASS
Band26(824-849)	10MHz	QPSK	26915	50RB#0	22.93	21.08	38.45	PASS
Band26(824-849)	10MHz	16QAM	26915	1RB#0	22.97	21.12	38.45	PASS
Band26(824-849)	10MHz	16QAM	26915	1RB#24	22.82	20.97	38.45	PASS
Band26(824-849)	10MHz	16QAM	26915	1RB#49	23.44	21.59	38.45	PASS
Band26(824-849)	10MHz	16QAM	26915	50RB#0	21.86	20.01	38.45	PASS
Band26(824-849)	10MHz	QPSK	26990	1RB#0	23.98	22.13	38.45	PASS
Band26(824-849)	10MHz	QPSK	26990	1RB#24	23.69	21.84	38.45	PASS
Band26(824-849)	10MHz	QPSK	26990	1RB#49	23.7	21.85	38.45	PASS
Band26(824-849)	10MHz	QPSK	26990	50RB#0	22.75	20.9	38.45	PASS
Band26(824-849)	10MHz	16QAM	26990	1RB#0	23.05	21.2	38.45	PASS
Band26(824-849)	10MHz	16QAM	26990	1RB#24	22.79	20.94	38.45	PASS
Band26(824-849)	10MHz	16QAM	26990	1RB#49	22.67	20.82	38.45	PASS
Band26(824-849)	10MHz	16QAM	26990	50RB#0	21.67	19.82	38.45	PASS
Band26(824-849)	15MHz	QPSK	26865	1RB#0	23.69	21.84	38.45	PASS
Band26(824-849)	15MHz	QPSK	26865	1RB#38	23.94	22.09	38.45	PASS
Band26(824-849)	15MHz	QPSK	26865	1RB#74	24.18	22.33	38.45	PASS
Band26(824-849)	15MHz	QPSK	26865	75RB#0	23.02	21.17	38.45	PASS
Band26(824-849)	15MHz	16QAM	26865	1RB#0	22.68	20.83	38.45	PASS
Band26(824-849)	15MHz	16QAM	26865	1RB#38	22.86	21.01	38.45	PASS
Band26(824-849)	15MHz	16QAM	26865	1RB#74	21.83	19.98	38.45	PASS
Band26(824-849)	15MHz	16QAM	26865	75RB#0	21.94	20.09	38.45	PASS
Band26(824-849)	15MHz	QPSK	26915	1RB#0	24.07	22.22	38.45	PASS
Band26(824-849)	15MHz	QPSK	26915	1RB#38	23.85	22	38.45	PASS
Band26(824-849)	15MHz	QPSK	26915	1RB#74	23.86	22.01	38.45	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	22.94	21.09	38.45	PASS
Band26(824-849)	15MHz	16QAM	26915	1RB#0	22.26	20.41	38.45	PASS
Band26(824-849)	15MHz	16QAM	26915	1RB#38	22.85	21	38.45	PASS
Band26(824-849)	15MHz	16QAM	26915	1RB#74	22.01	20.16	38.45	PASS
Band26(824-849)	15MHz	16QAM	26915	75RB#0	21.76	19.91	38.45	PASS
Band26(824-849)	15MHz	QPSK	26965	1RB#0	24.21	22.36	38.45	PASS
Band26(824-849)	15MHz	QPSK	26965	1RB#38	23.71	21.86	38.45	PASS
Band26(824-849)	15MHz	QPSK	26965	1RB#74	23.72	21.87	38.45	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	22.94	21.09	38.45	PASS
Band26(824-849)	15MHz	16QAM	26965	1RB#0	22.46	20.61	38.45	PASS
Band26(824-849)	15MHz	16QAM	26965	1RB#38	22.74	20.89	38.45	PASS
Band26(824-849)	15MHz	16QAM	26965	1RB#74	23	21.15	38.45	PASS
Band26(824-849)	15MHz	16QAM	26965	75RB#0	21.9	20.05	38.45	PASS

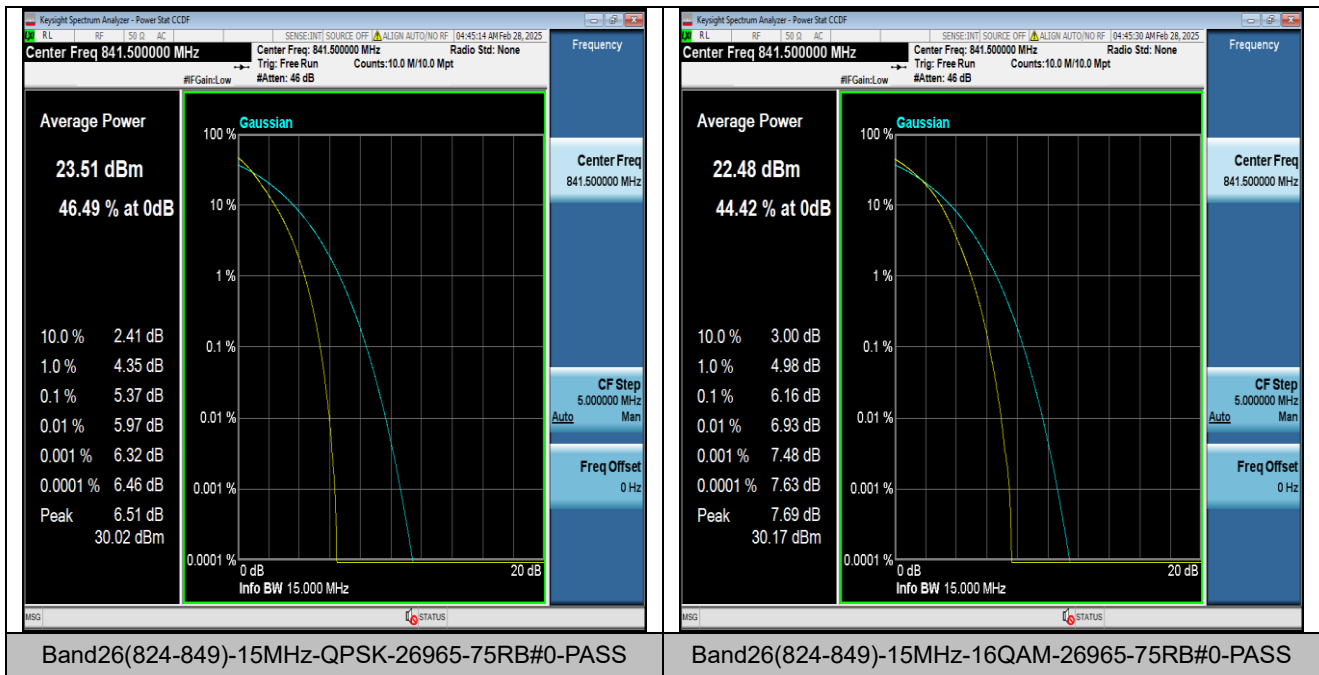
Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band26(824-849)	15MHz	QPSK	26865	75RB#0	5.44	13	PASS
Band26(824-849)	15MHz	16QAM	26865	75RB#0	6.17	13	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	5.37	13	PASS
Band26(824-849)	15MHz	16QAM	26915	75RB#0	6.17	13	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	5.37	13	PASS
Band26(824-849)	15MHz	16QAM	26965	75RB#0	6.16	13	PASS

Test Graphs



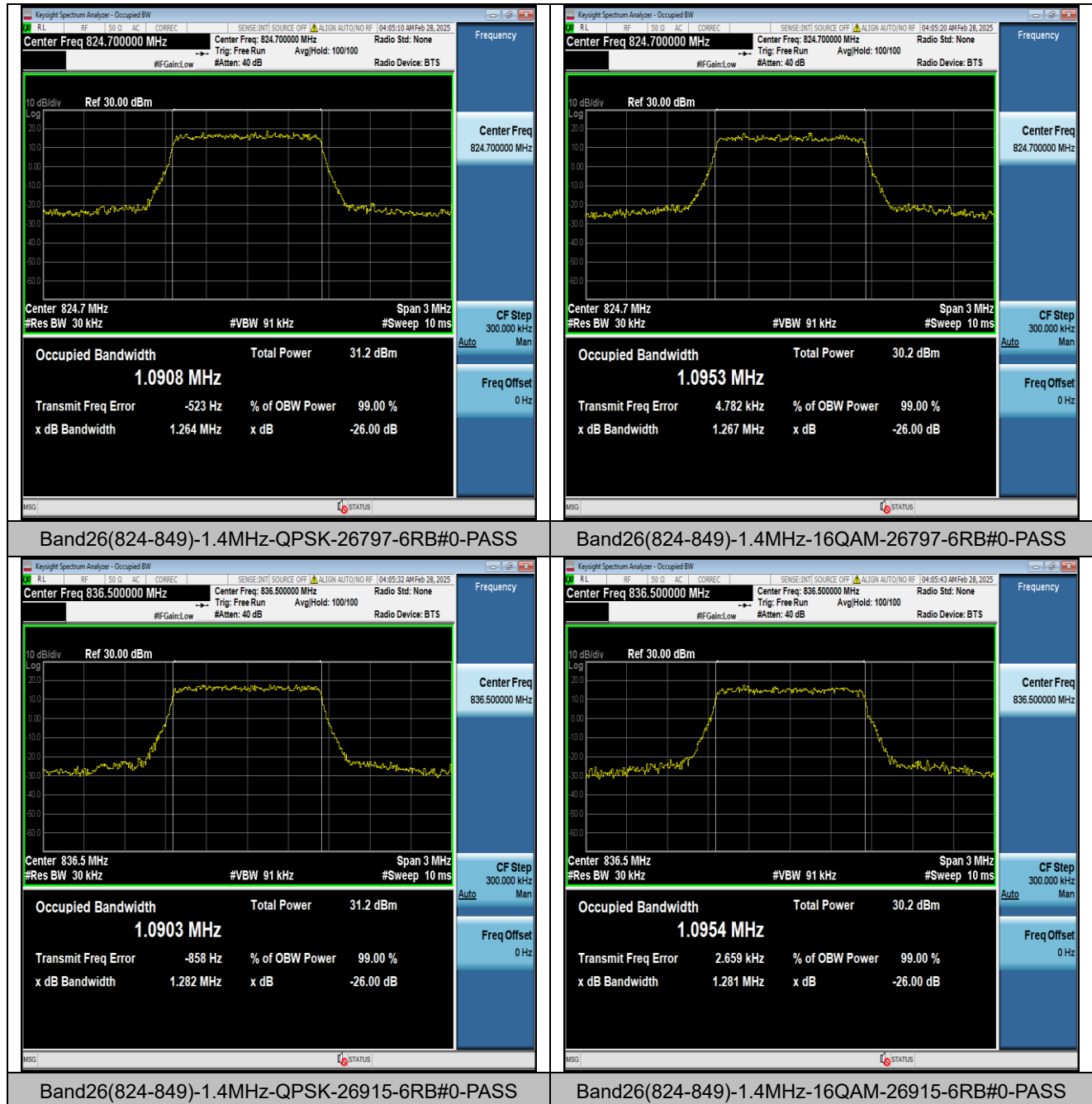


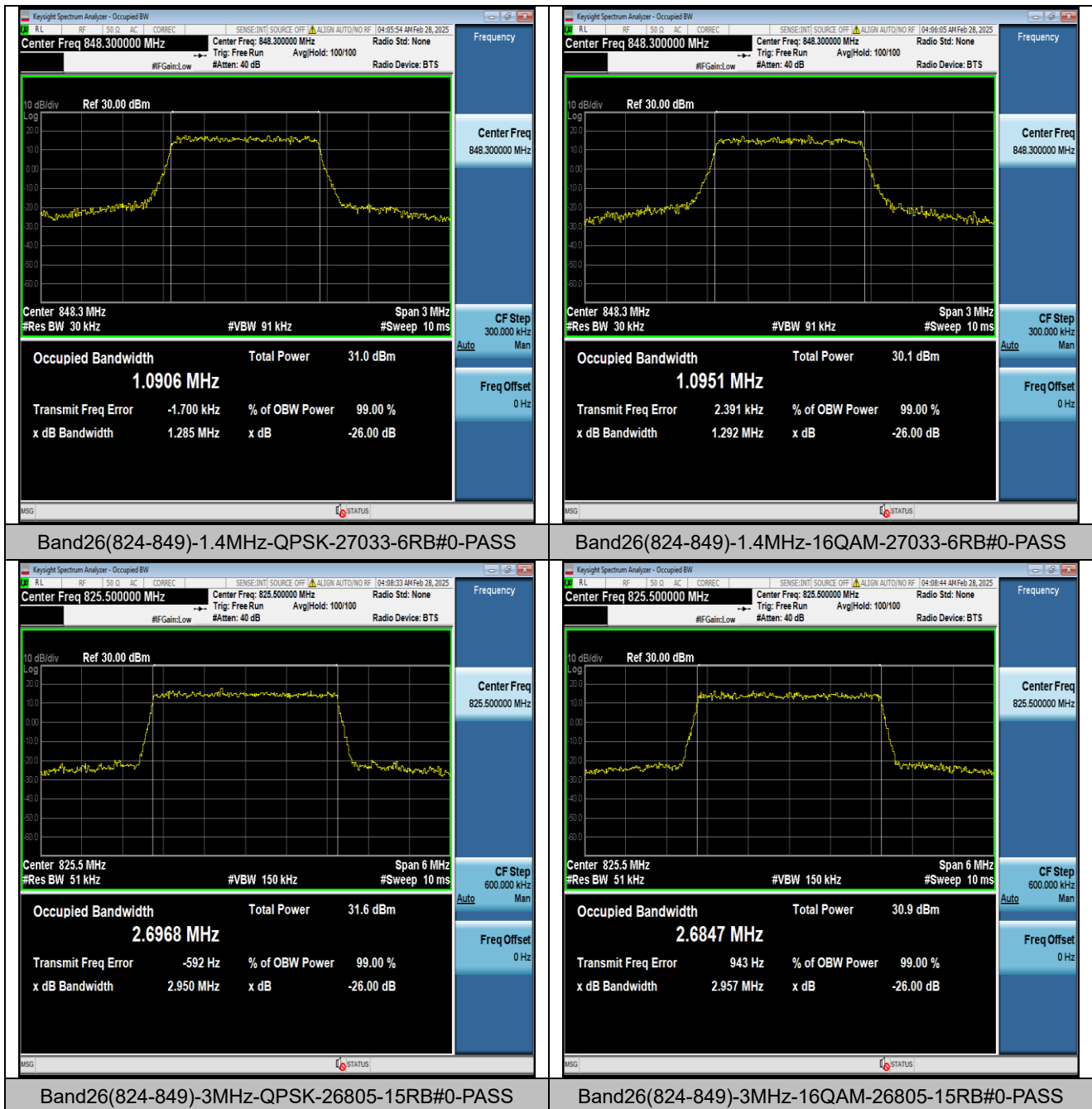
26dB Bandwidth and Occupied Bandwidth

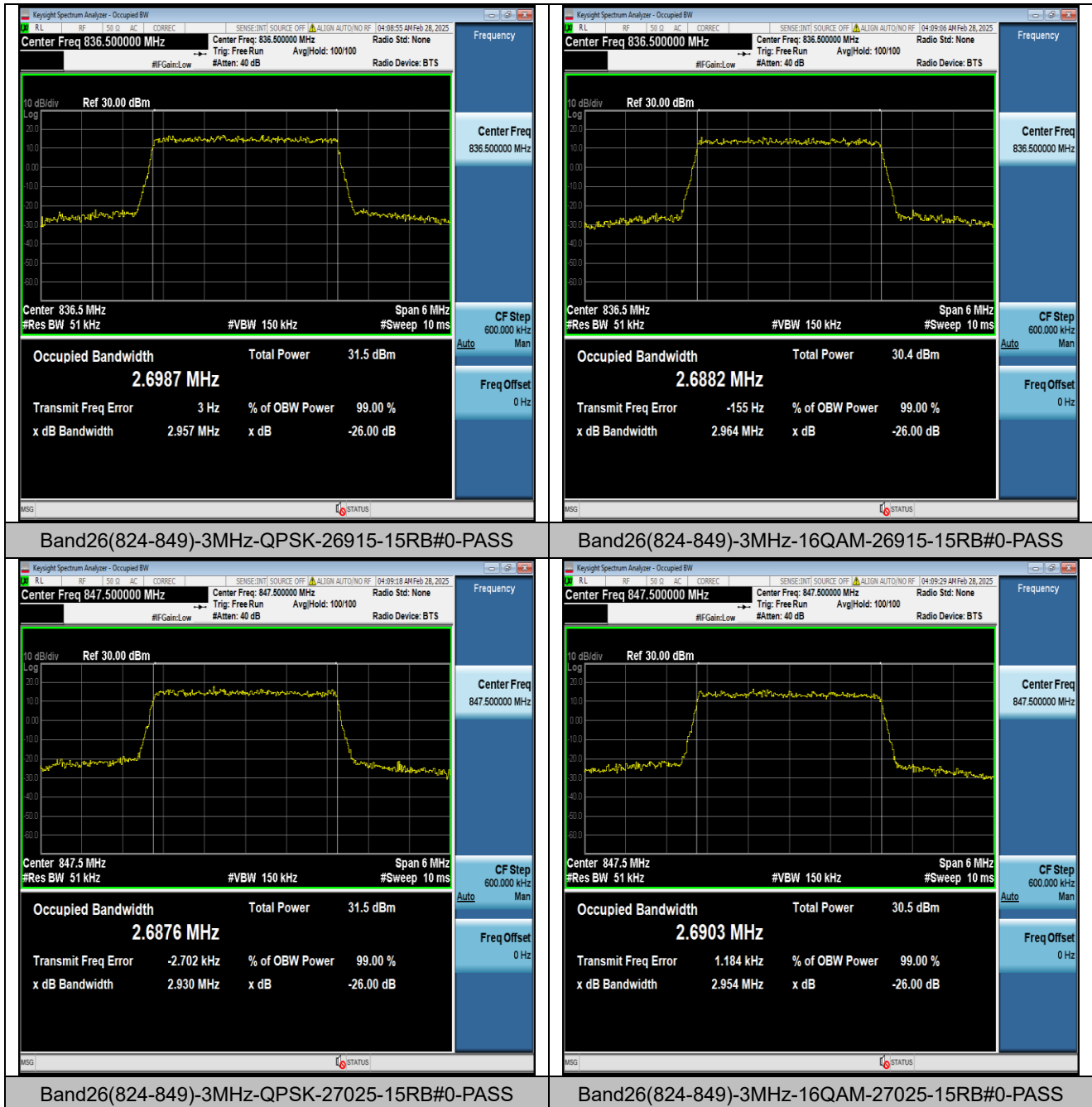
Test Result

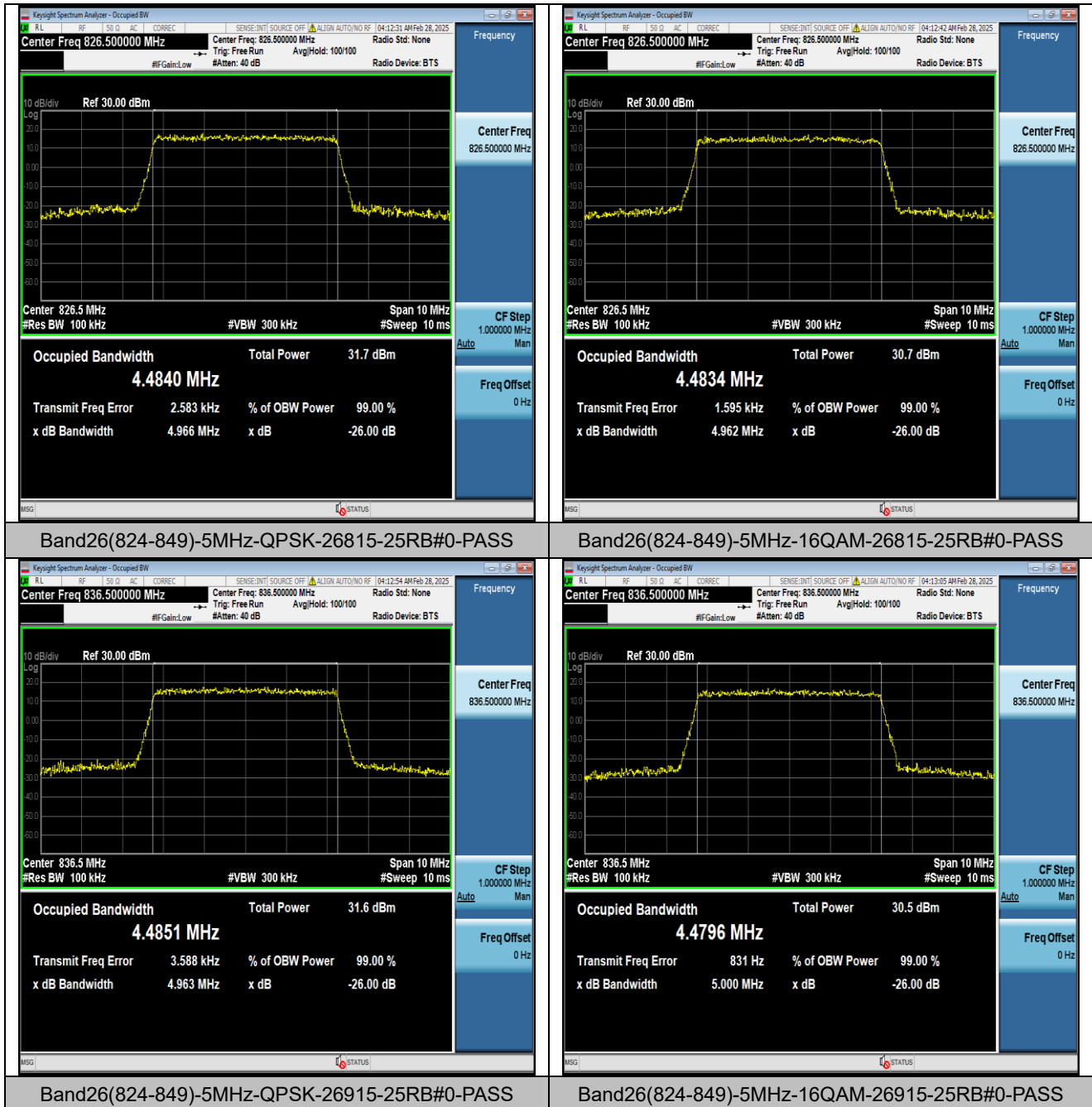
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	1.0908	1.264	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	1.0953	1.267	PASS
Band26(824-849)	1.4MHz	QPSK	26915	6RB#0	1.0903	1.282	PASS
Band26(824-849)	1.4MHz	16QAM	26915	6RB#0	1.0954	1.281	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	1.0906	1.285	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	1.0951	1.292	PASS
Band26(824-849)	3MHz	QPSK	26805	15RB#0	2.6968	2.950	PASS
Band26(824-849)	3MHz	16QAM	26805	15RB#0	2.6847	2.957	PASS
Band26(824-849)	3MHz	QPSK	26915	15RB#0	2.6987	2.957	PASS
Band26(824-849)	3MHz	16QAM	26915	15RB#0	2.6882	2.964	PASS
Band26(824-849)	3MHz	QPSK	27025	15RB#0	2.6876	2.930	PASS
Band26(824-849)	3MHz	16QAM	27025	15RB#0	2.6903	2.954	PASS
Band26(824-849)	5MHz	QPSK	26815	25RB#0	4.4840	4.966	PASS
Band26(824-849)	5MHz	16QAM	26815	25RB#0	4.4834	4.962	PASS
Band26(824-849)	5MHz	QPSK	26915	25RB#0	4.4851	4.963	PASS
Band26(824-849)	5MHz	16QAM	26915	25RB#0	4.4796	5.000	PASS
Band26(824-849)	5MHz	QPSK	27015	25RB#0	4.4860	4.927	PASS
Band26(824-849)	5MHz	16QAM	27015	25RB#0	4.4769	4.982	PASS
Band26(824-849)	10MHz	QPSK	26840	50RB#0	8.9647	9.823	PASS
Band26(824-849)	10MHz	16QAM	26840	50RB#0	8.9453	9.761	PASS
Band26(824-849)	10MHz	QPSK	26915	50RB#0	8.9807	9.758	PASS
Band26(824-849)	10MHz	16QAM	26915	50RB#0	8.9442	9.826	PASS
Band26(824-849)	10MHz	QPSK	26990	50RB#0	8.9491	9.774	PASS
Band26(824-849)	10MHz	16QAM	26990	50RB#0	8.9332	9.788	PASS
Band26(824-849)	15MHz	QPSK	26865	75RB#0	13.443	14.62	PASS
Band26(824-849)	15MHz	16QAM	26865	75RB#0	13.424	14.61	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	13.438	14.70	PASS
Band26(824-849)	15MHz	16QAM	26915	75RB#0	13.425	14.57	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	13.426	14.64	PASS
Band26(824-849)	15MHz	16QAM	26965	75RB#0	13.406	14.65	PASS

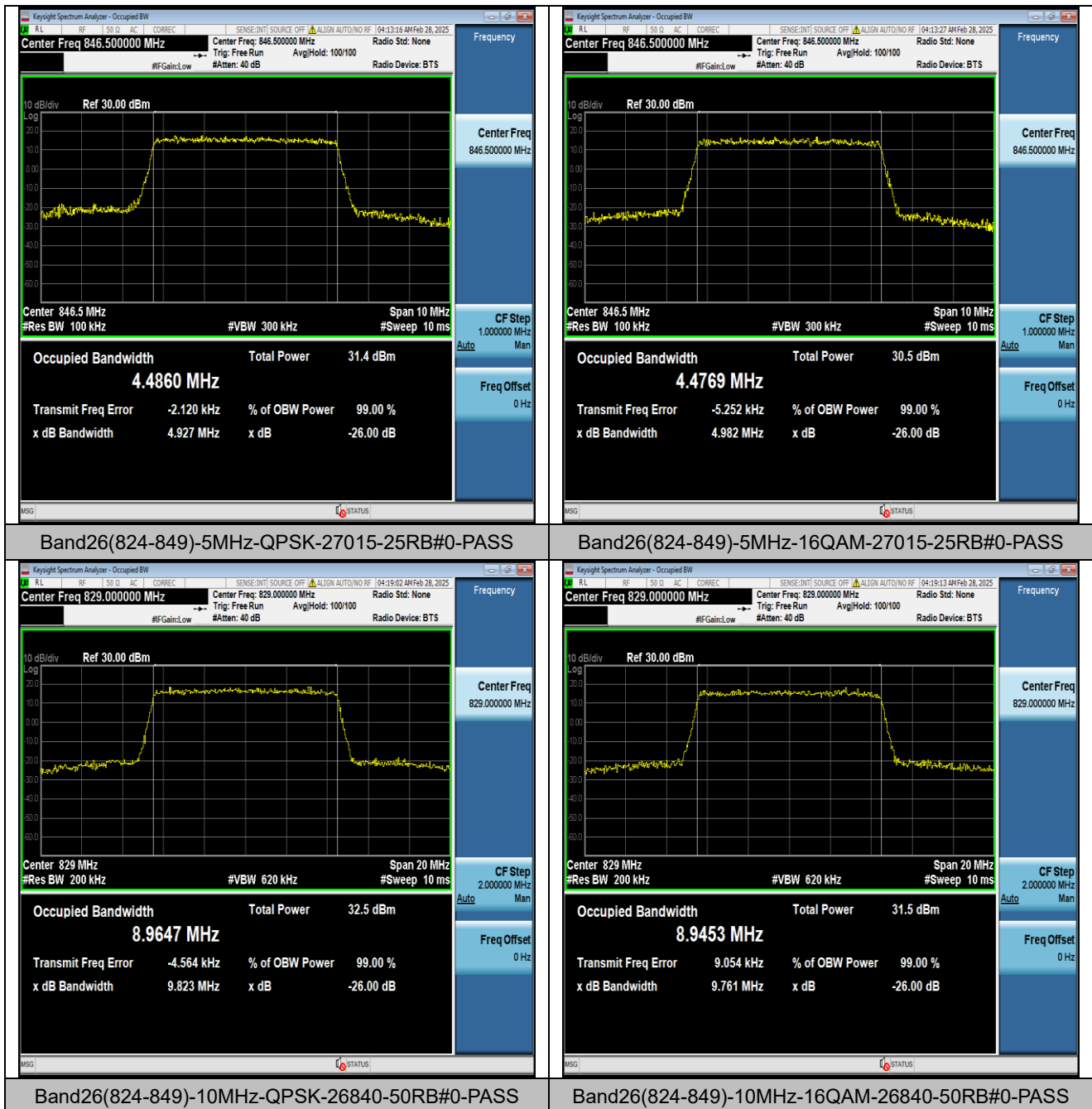
Test Graphs

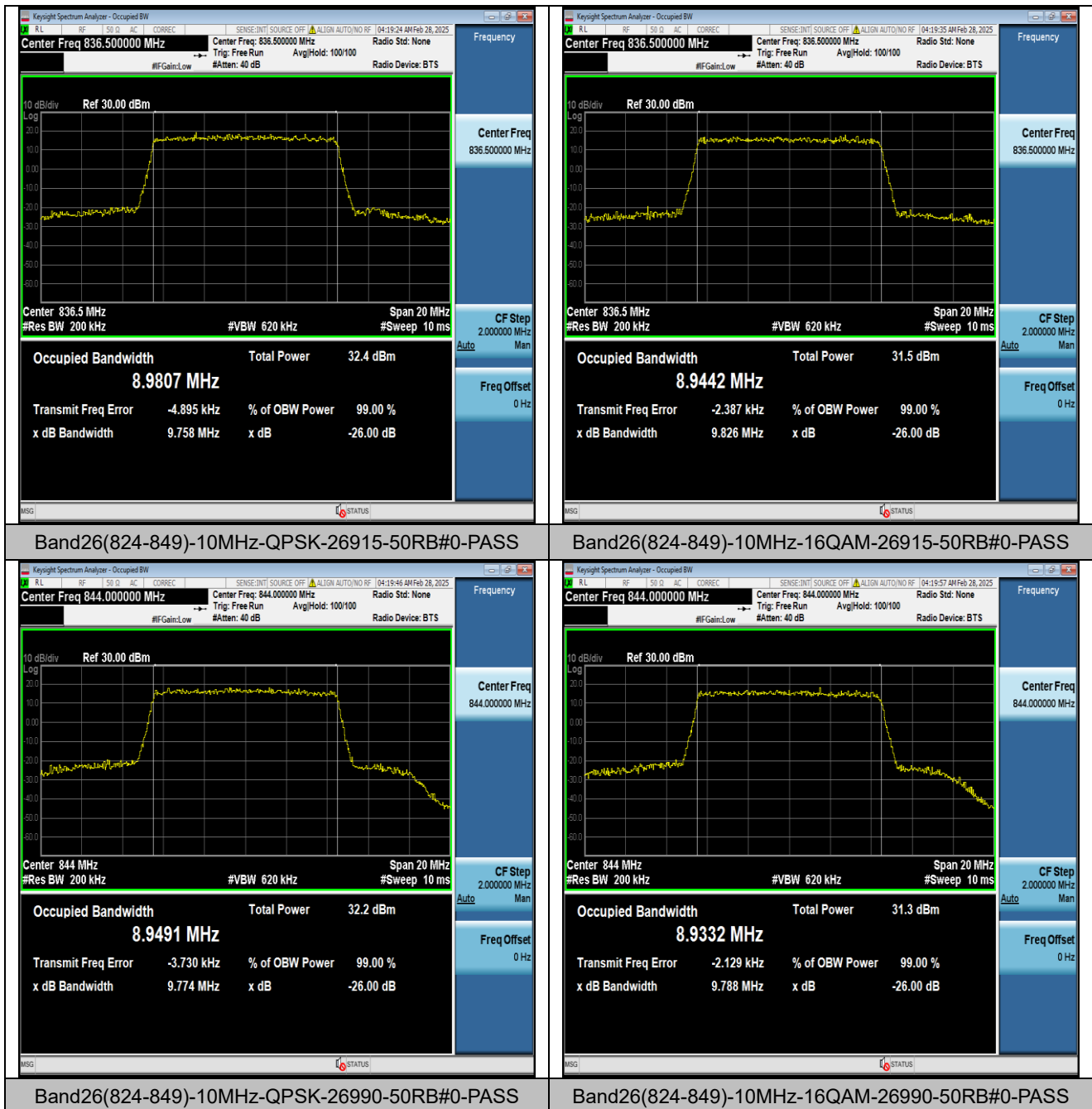


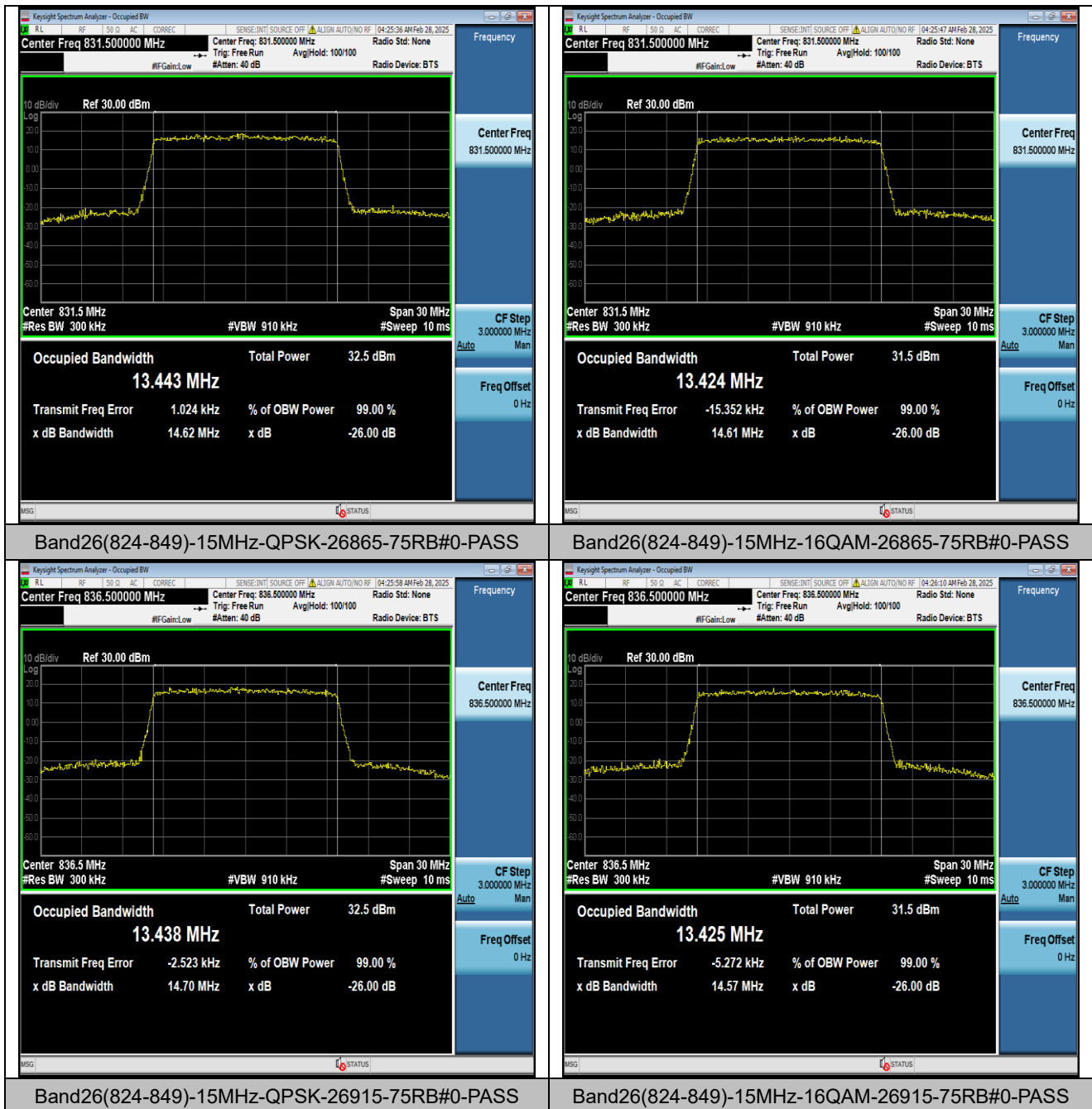


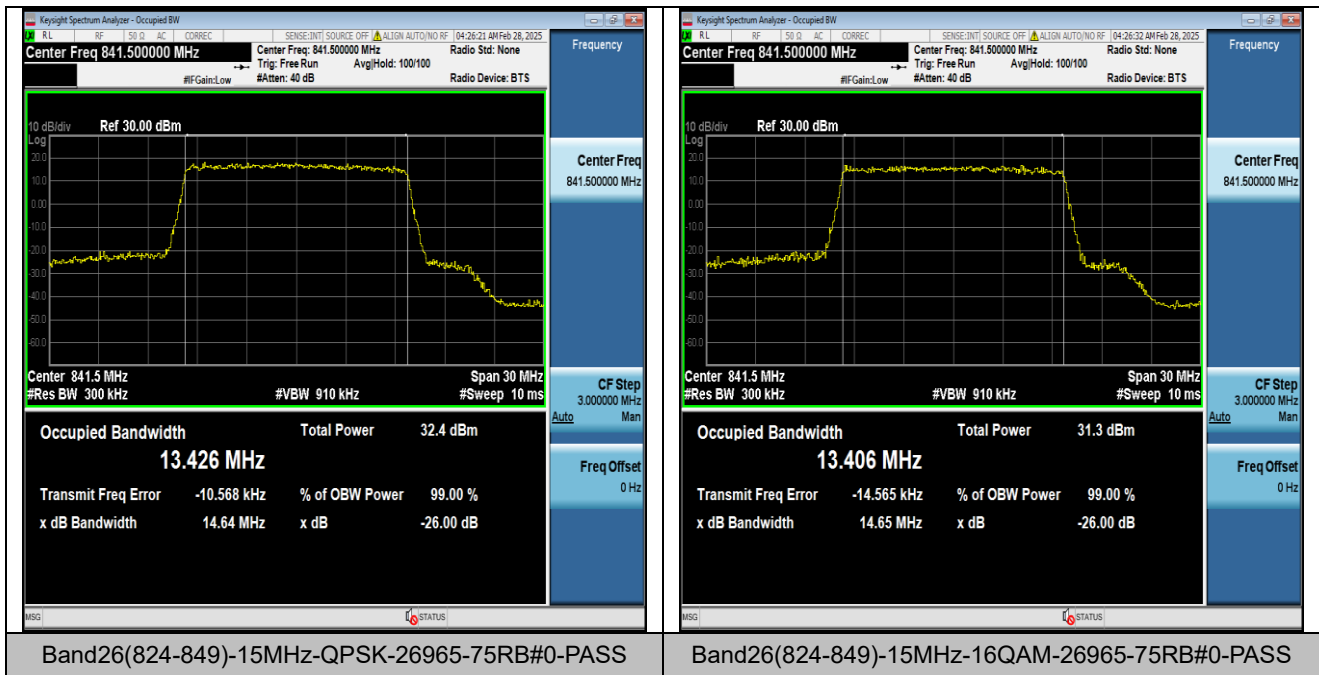






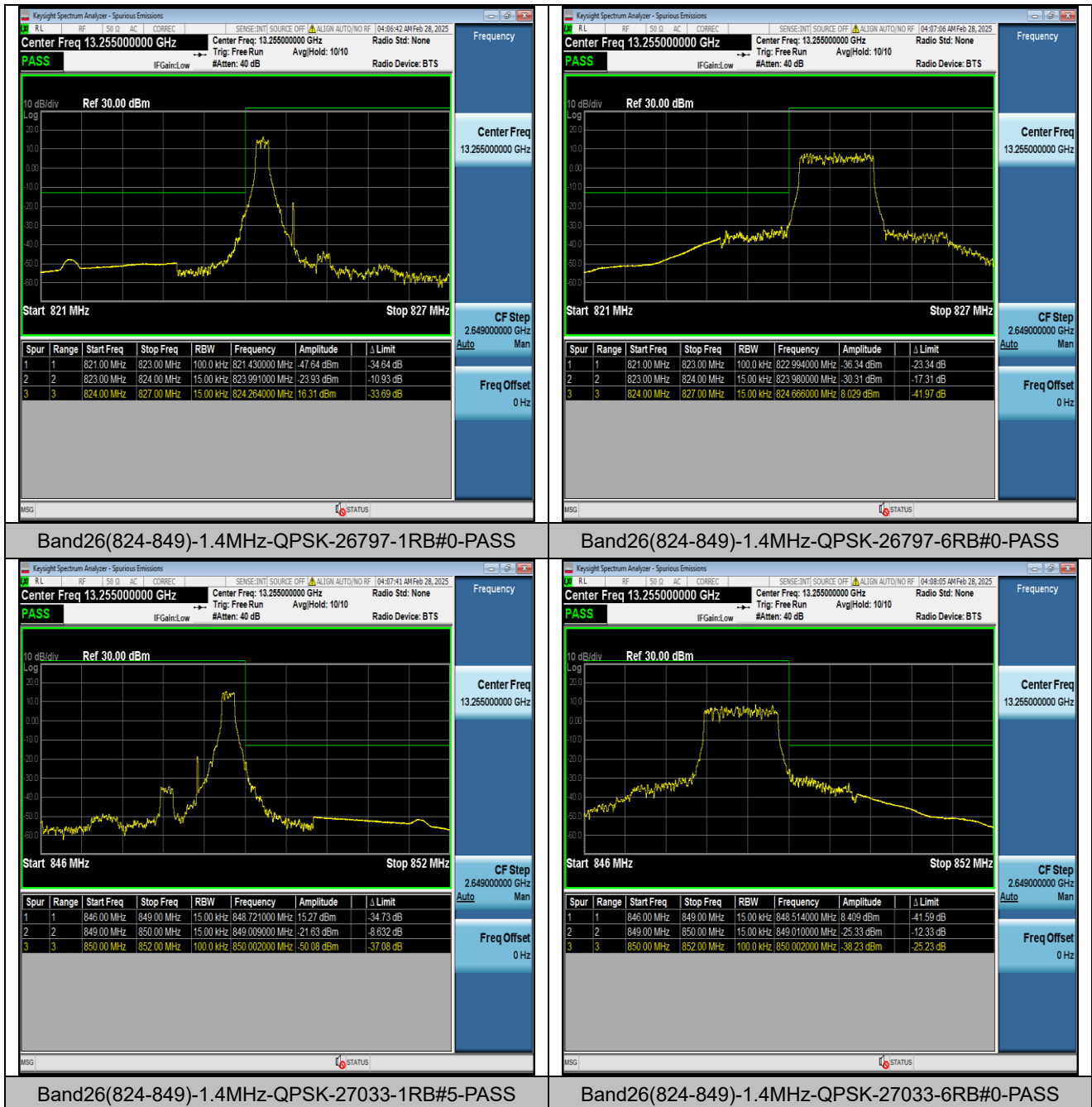


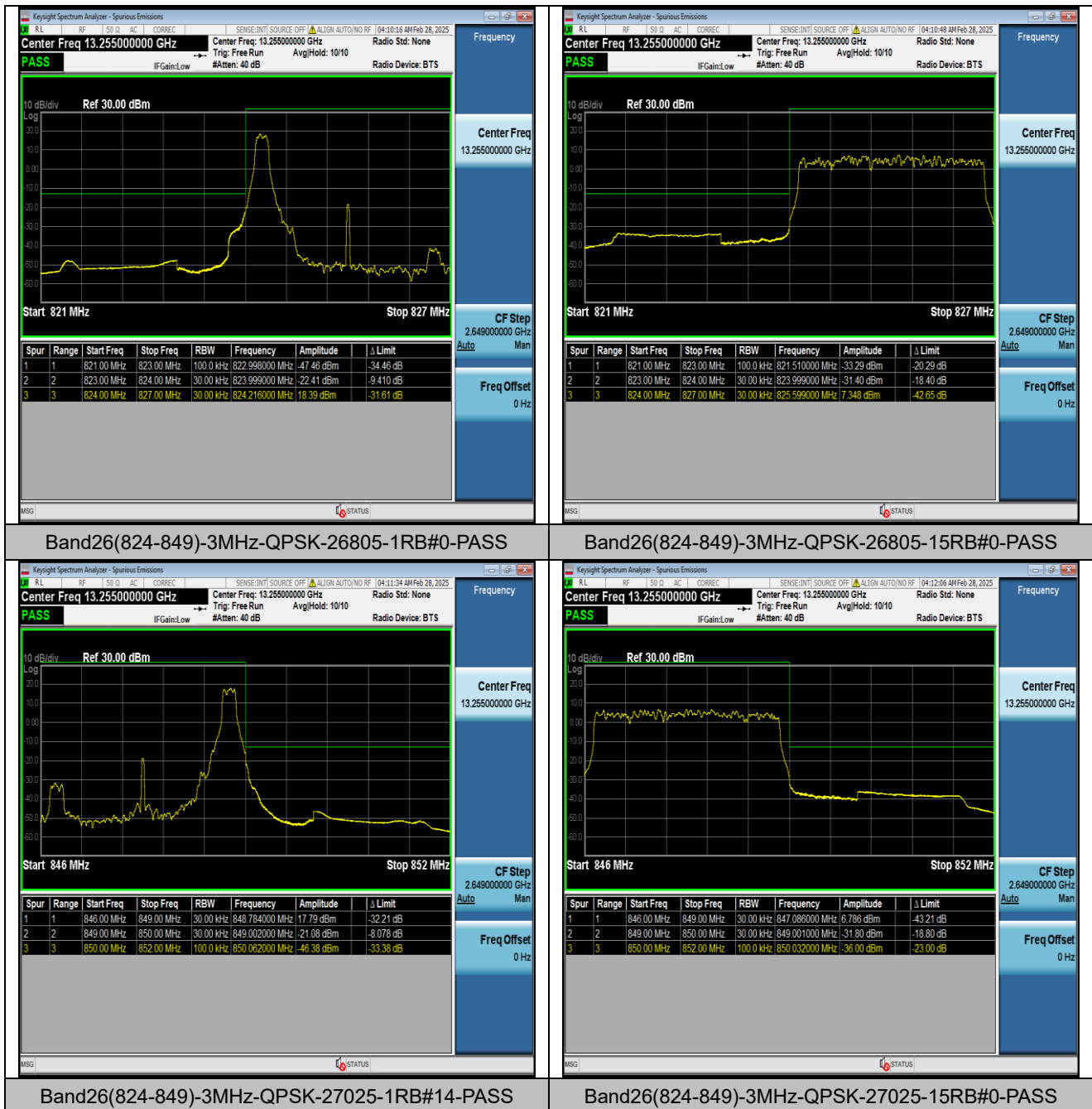


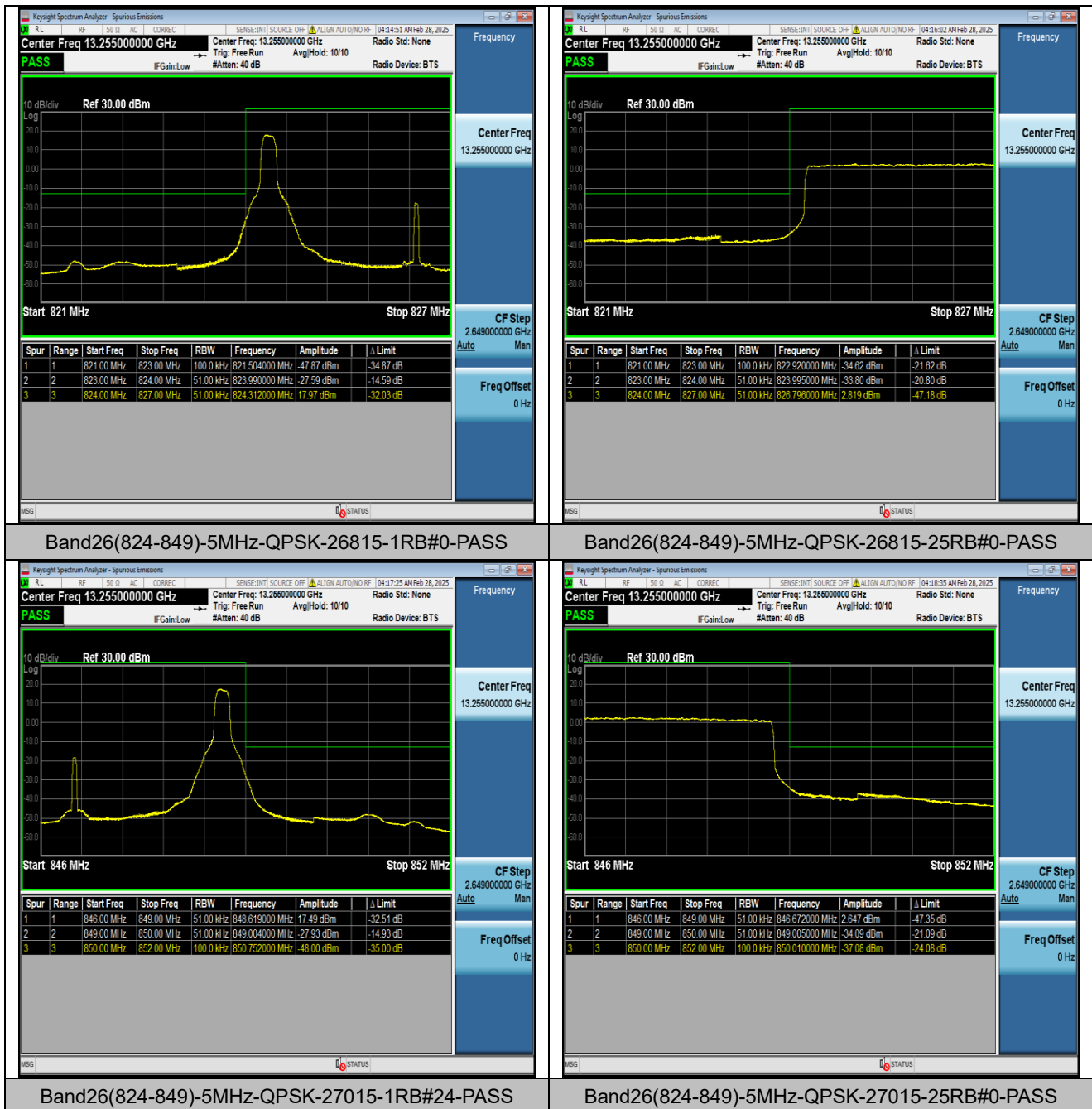


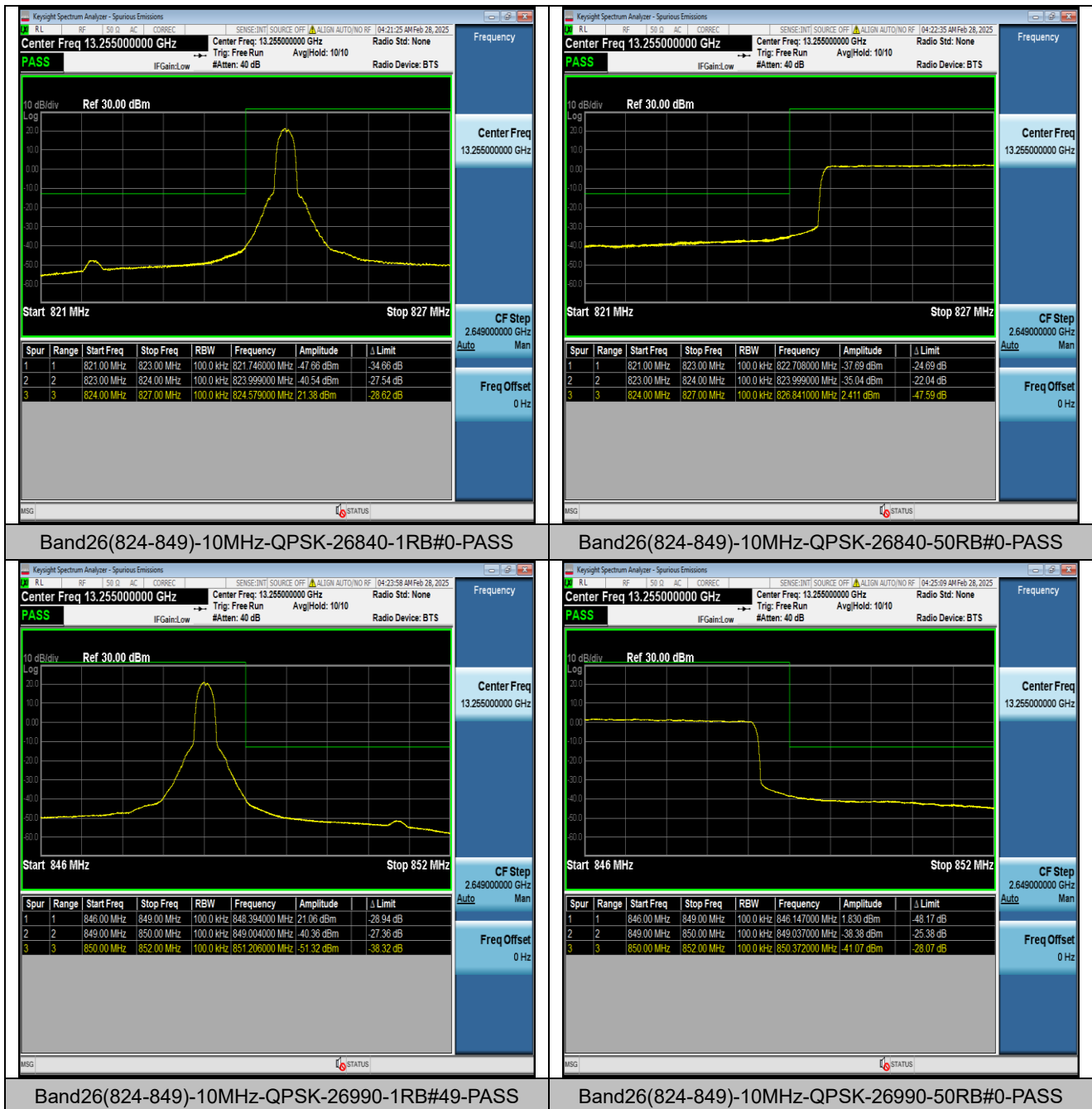
Band Edge

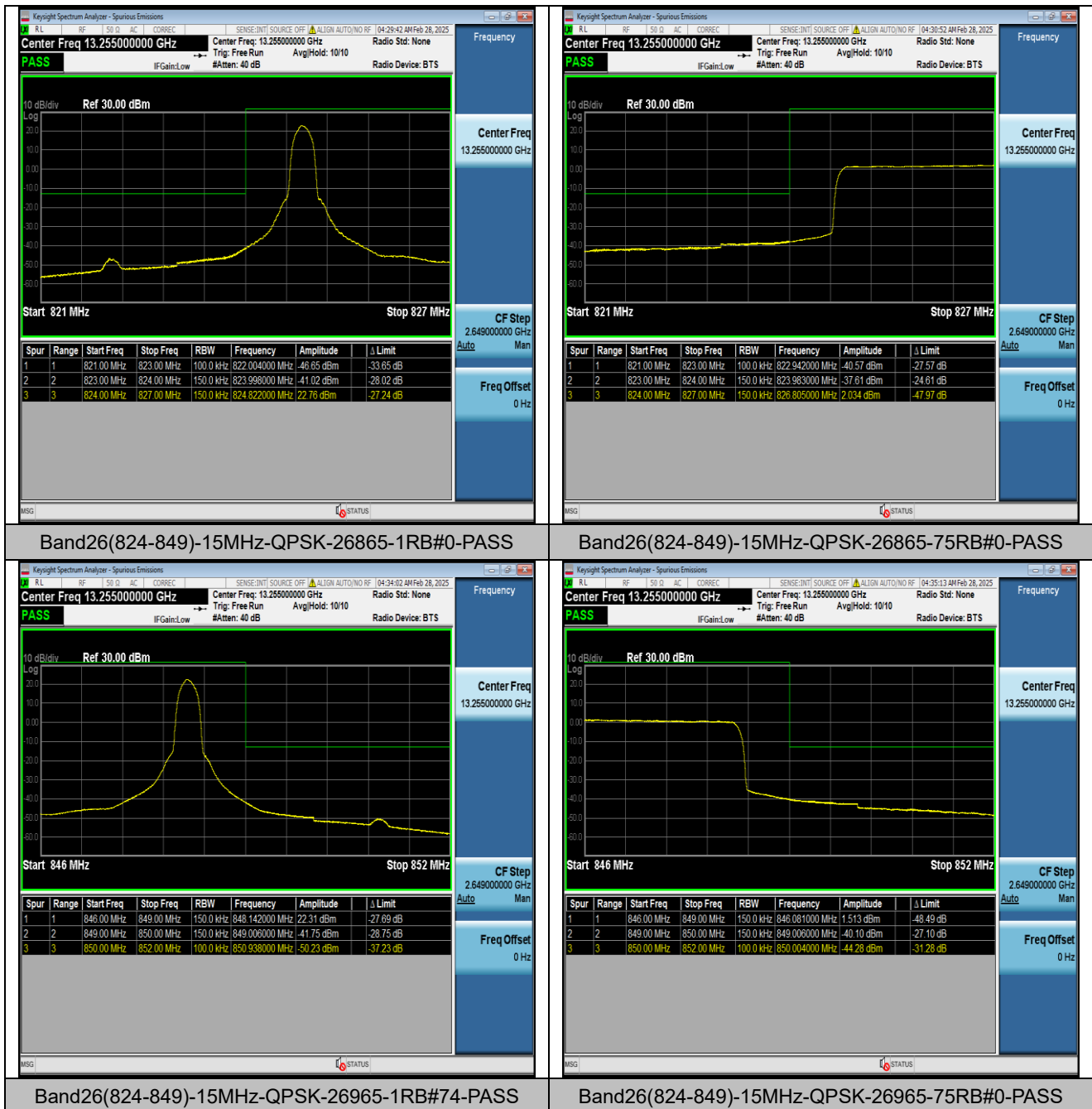
Test Graphs





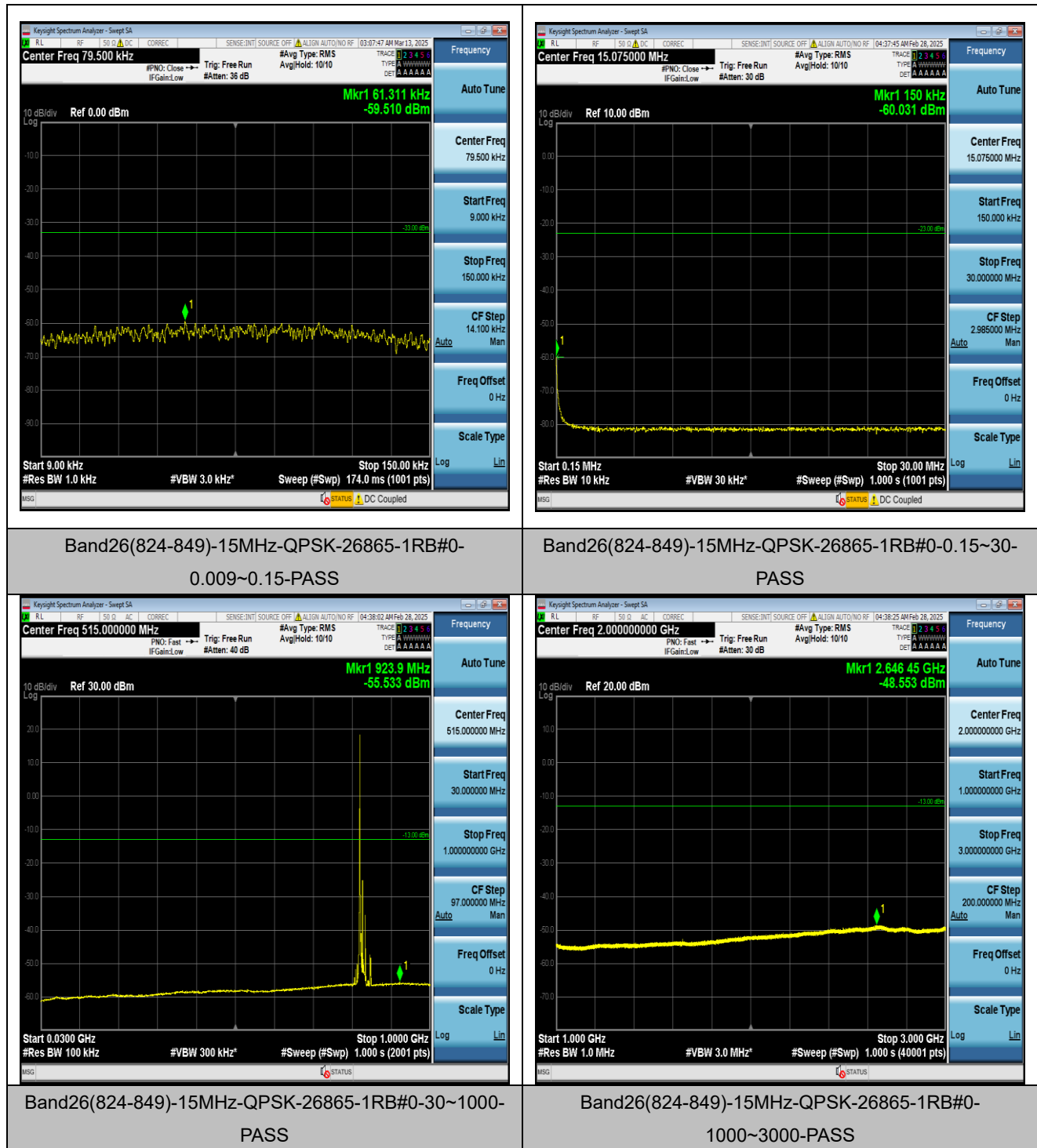


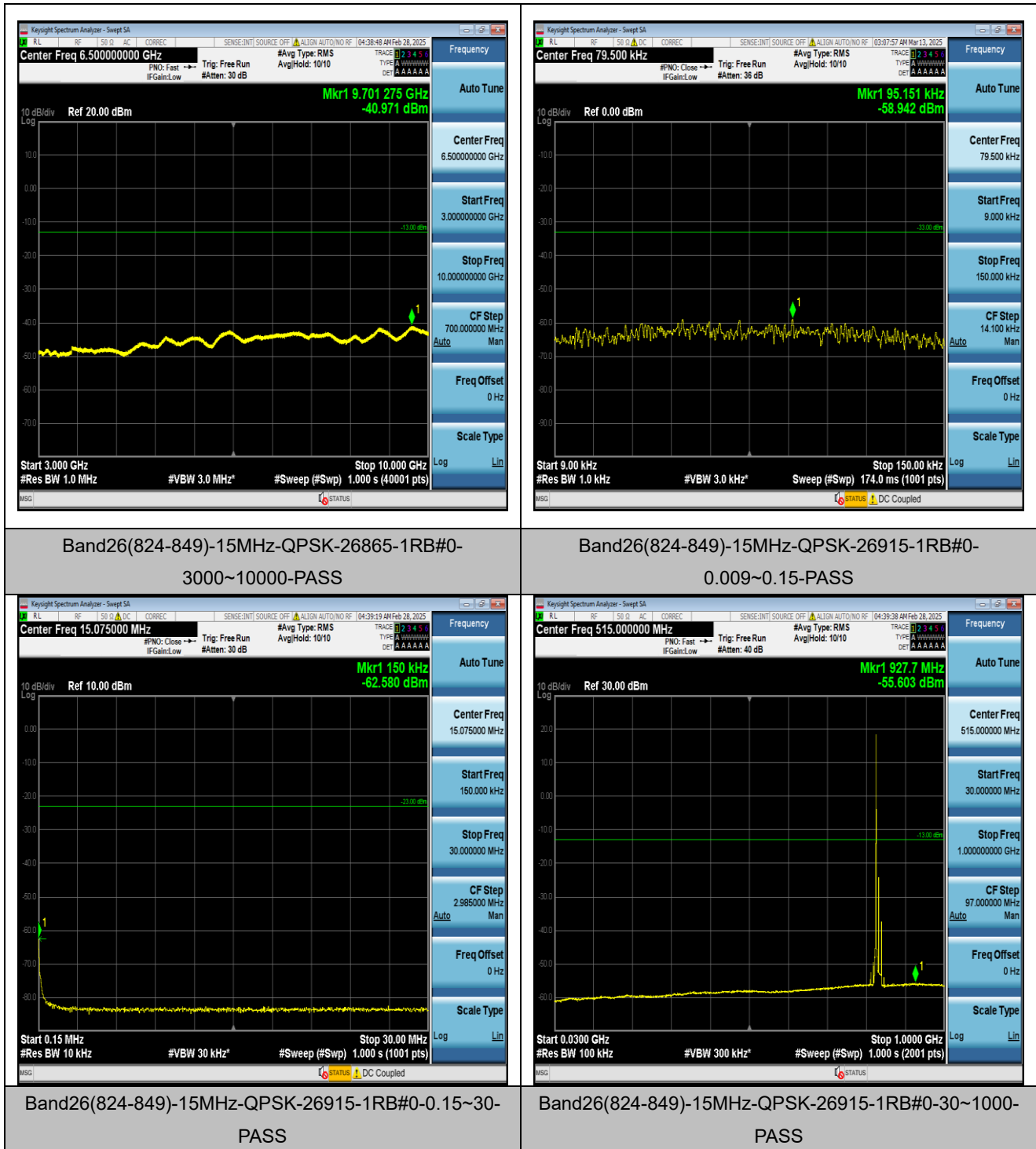


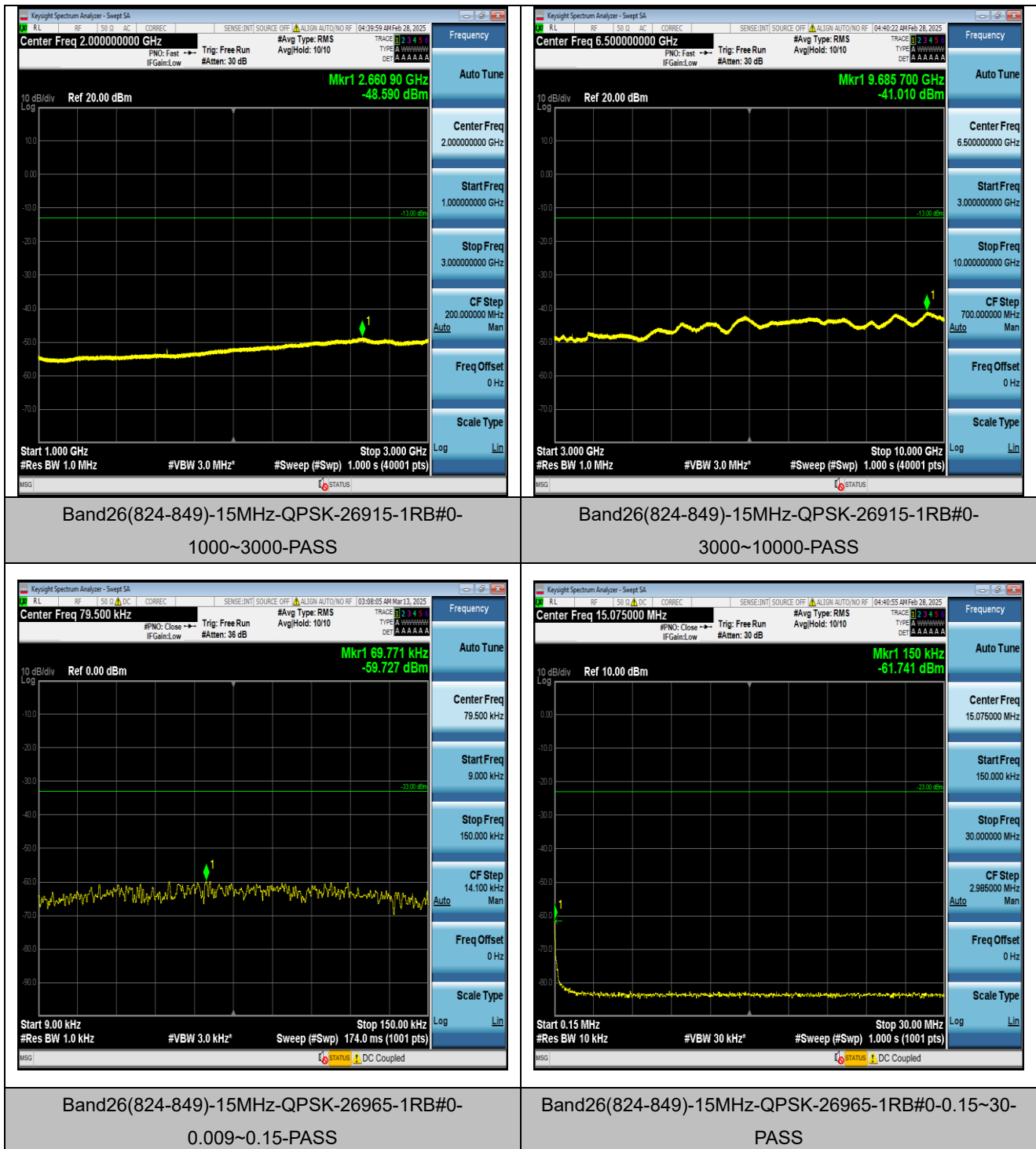


Conducted Spurious Emission

Test Graphs

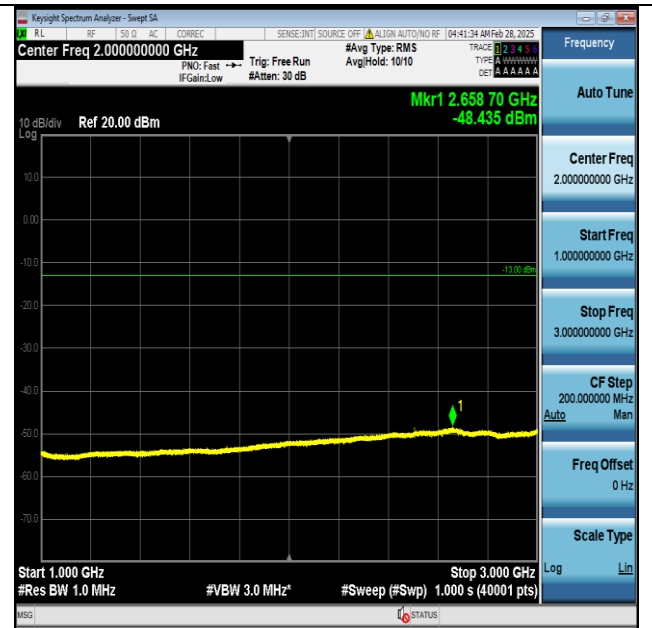




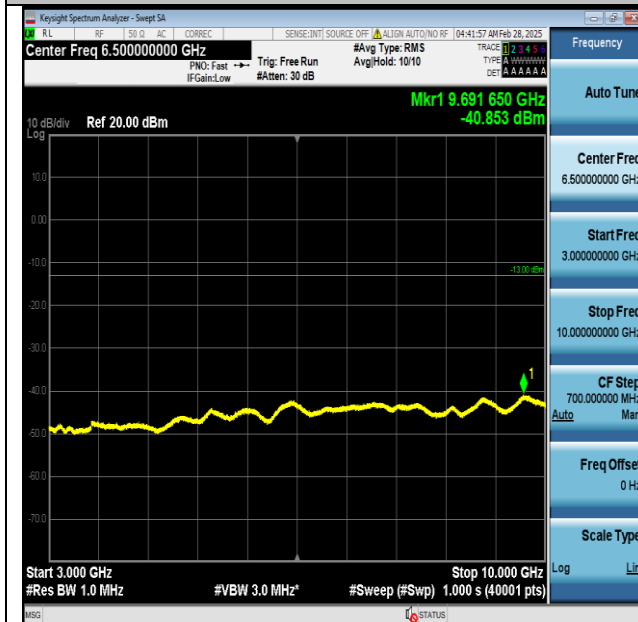




Band26(824-849)-15MHz-QPSK-26965-1RB#0-30~1000-
PASS



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	0.10	0.000120	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	VL	NT	-0.20	-0.000239	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	VH	NT	-0.70	-0.000837	±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	1.00	0.001195	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	-20	-1.20	-0.001435	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	-10	0.20	0.000239	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	0	0.90	0.001076	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	10	-0.10	-0.000120	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	20	-0.50	-0.000598	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	30	0.20	0.000239	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	40	0.00	0.000000	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	50	-0.30	-0.000359	±2.5	PASS

~The End~