

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	23.90	22.05	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26797	1RB#2	24.02	22.17	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26797	1RB#5	23.91	22.06	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	23.10	21.25	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26797	1RB#0	23.13	21.28	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26797	1RB#2	23.05	21.2	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26797	1RB#5	22.91	21.06	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	22.18	20.33	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26915	1RB#0	23.98	22.13	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26915	1RB#2	24.20	22.35	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26915	1RB#5	23.96	22.11	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26915	6RB#0	23.22	21.37	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26915	1RB#0	22.87	21.02	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26915	1RB#2	22.98	21.13	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26915	1RB#5	22.99	21.14	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26915	6RB#0	21.96	20.11	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	27033	1RB#0	23.90	22.05	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	27033	1RB#2	23.89	22.04	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	27033	1RB#5	23.96	22.11	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	23.02	21.17	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	27033	1RB#0	22.90	21.05	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	27033	1RB#2	23.27	21.42	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	27033	1RB#5	23.18	21.33	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	21.67	19.82	38.45	PASS
Band26(824-849)	3MHz	QPSK	26805	1RB#0	24.29	22.44	38.45	PASS
Band26(824-849)	3MHz	QPSK	26805	1RB#8	23.93	22.08	38.45	PASS
Band26(824-849)	3MHz	QPSK	26805	1RB#14	23.95	22.1	38.45	PASS
Band26(824-849)	3MHz	QPSK	26805	15RB#0	23.13	21.28	38.45	PASS
Band26(824-849)	3MHz	16QAM	26805	1RB#0	23.15	21.3	38.45	PASS
Band26(824-849)	3MHz	16QAM	26805	1RB#8	22.98	21.13	38.45	PASS
Band26(824-849)	3MHz	16QAM	26805	1RB#14	23.01	21.16	38.45	PASS
Band26(824-849)	3MHz	16QAM	26805	15RB#0	22.04	20.19	38.45	PASS
Band26(824-849)	3MHz	QPSK	26915	1RB#0	24.22	22.37	38.45	PASS
Band26(824-849)	3MHz	QPSK	26915	1RB#8	24.05	22.2	38.45	PASS
Band26(824-849)	3MHz	QPSK	26915	1RB#14	24.05	22.2	38.45	PASS
Band26(824-849)	3MHz	QPSK	26915	15RB#0	23.17	21.32	38.45	PASS
Band26(824-849)	3MHz	16QAM	26915	1RB#0	23.47	21.62	38.45	PASS

Band26(824-849)	3MHz	16QAM	26915	1RB#8	23.08	21.23	38.45	PASS
Band26(824-849)	3MHz	16QAM	26915	1RB#14	23.06	21.21	38.45	PASS
Band26(824-849)	3MHz	16QAM	26915	15RB#0	22.06	20.21	38.45	PASS
Band26(824-849)	3MHz	QPSK	27025	1RB#0	24.29	22.44	38.45	PASS
Band26(824-849)	3MHz	QPSK	27025	1RB#8	24.29	22.44	38.45	PASS
Band26(824-849)	3MHz	QPSK	27025	1RB#14	24.13	22.28	38.45	PASS
Band26(824-849)	3MHz	QPSK	27025	15RB#0	23.25	21.4	38.45	PASS
Band26(824-849)	3MHz	16QAM	27025	1RB#0	23.05	21.2	38.45	PASS
Band26(824-849)	3MHz	16QAM	27025	1RB#8	23.00	21.15	38.45	PASS
Band26(824-849)	3MHz	16QAM	27025	1RB#14	23.05	21.2	38.45	PASS
Band26(824-849)	3MHz	16QAM	27025	15RB#0	22.05	20.2	38.45	PASS
Band26(824-849)	5MHz	QPSK	26815	1RB#0	23.94	22.09	38.45	PASS
Band26(824-849)	5MHz	QPSK	26815	1RB#12	24.04	22.19	38.45	PASS
Band26(824-849)	5MHz	QPSK	26815	1RB#24	24.07	22.22	38.45	PASS
Band26(824-849)	5MHz	QPSK	26815	25RB#0	23.19	21.34	38.45	PASS
Band26(824-849)	5MHz	16QAM	26815	1RB#0	22.98	21.13	38.45	PASS
Band26(824-849)	5MHz	16QAM	26815	1RB#12	22.93	21.08	38.45	PASS
Band26(824-849)	5MHz	16QAM	26815	1RB#24	22.98	21.13	38.45	PASS
Band26(824-849)	5MHz	16QAM	26815	25RB#0	21.85	20	38.45	PASS
Band26(824-849)	5MHz	QPSK	26915	1RB#0	24.10	22.25	38.45	PASS
Band26(824-849)	5MHz	QPSK	26915	1RB#12	24.35	22.5	38.45	PASS
Band26(824-849)	5MHz	QPSK	26915	1RB#24	24.05	22.2	38.45	PASS
Band26(824-849)	5MHz	QPSK	26915	25RB#0	23.21	21.36	38.45	PASS
Band26(824-849)	5MHz	16QAM	26915	1RB#0	23.09	21.24	38.45	PASS
Band26(824-849)	5MHz	16QAM	26915	1RB#12	23.68	21.83	38.45	PASS
Band26(824-849)	5MHz	16QAM	26915	1RB#24	23.17	21.32	38.45	PASS
Band26(824-849)	5MHz	16QAM	26915	25RB#0	22.09	20.24	38.45	PASS
Band26(824-849)	5MHz	QPSK	27015	1RB#0	24.03	22.18	38.45	PASS
Band26(824-849)	5MHz	QPSK	27015	1RB#12	24.24	22.39	38.45	PASS
Band26(824-849)	5MHz	QPSK	27015	1RB#24	24.01	22.16	38.45	PASS
Band26(824-849)	5MHz	QPSK	27015	25RB#0	23.21	21.36	38.45	PASS
Band26(824-849)	5MHz	16QAM	27015	1RB#0	23.19	21.34	38.45	PASS
Band26(824-849)	5MHz	16QAM	27015	1RB#12	23.52	21.67	38.45	PASS
Band26(824-849)	5MHz	16QAM	27015	1RB#24	22.77	20.92	38.45	PASS
Band26(824-849)	5MHz	16QAM	27015	25RB#0	22.21	20.36	38.45	PASS
Band26(824-849)	10MHz	QPSK	26840	1RB#0	24.04	22.19	38.45	PASS
Band26(824-849)	10MHz	QPSK	26840	1RB#24	24.08	22.23	38.45	PASS
Band26(824-849)	10MHz	QPSK	26840	1RB#49	24.23	22.38	38.45	PASS
Band26(824-849)	10MHz	QPSK	26840	50RB#0	23.34	21.49	38.45	PASS
Band26(824-849)	10MHz	16QAM	26840	1RB#0	23.04	21.19	38.45	PASS
Band26(824-849)	10MHz	16QAM	26840	1RB#24	23.47	21.62	38.45	PASS
Band26(824-849)	10MHz	16QAM	26840	1RB#49	23.48	21.63	38.45	PASS
Band26(824-849)	10MHz	16QAM	26840	50RB#0	22.22	20.37	38.45	PASS
Band26(824-849)	10MHz	QPSK	26915	1RB#0	24.08	22.23	38.45	PASS
Band26(824-849)	10MHz	QPSK	26915	1RB#24	24.57	22.72	38.45	PASS

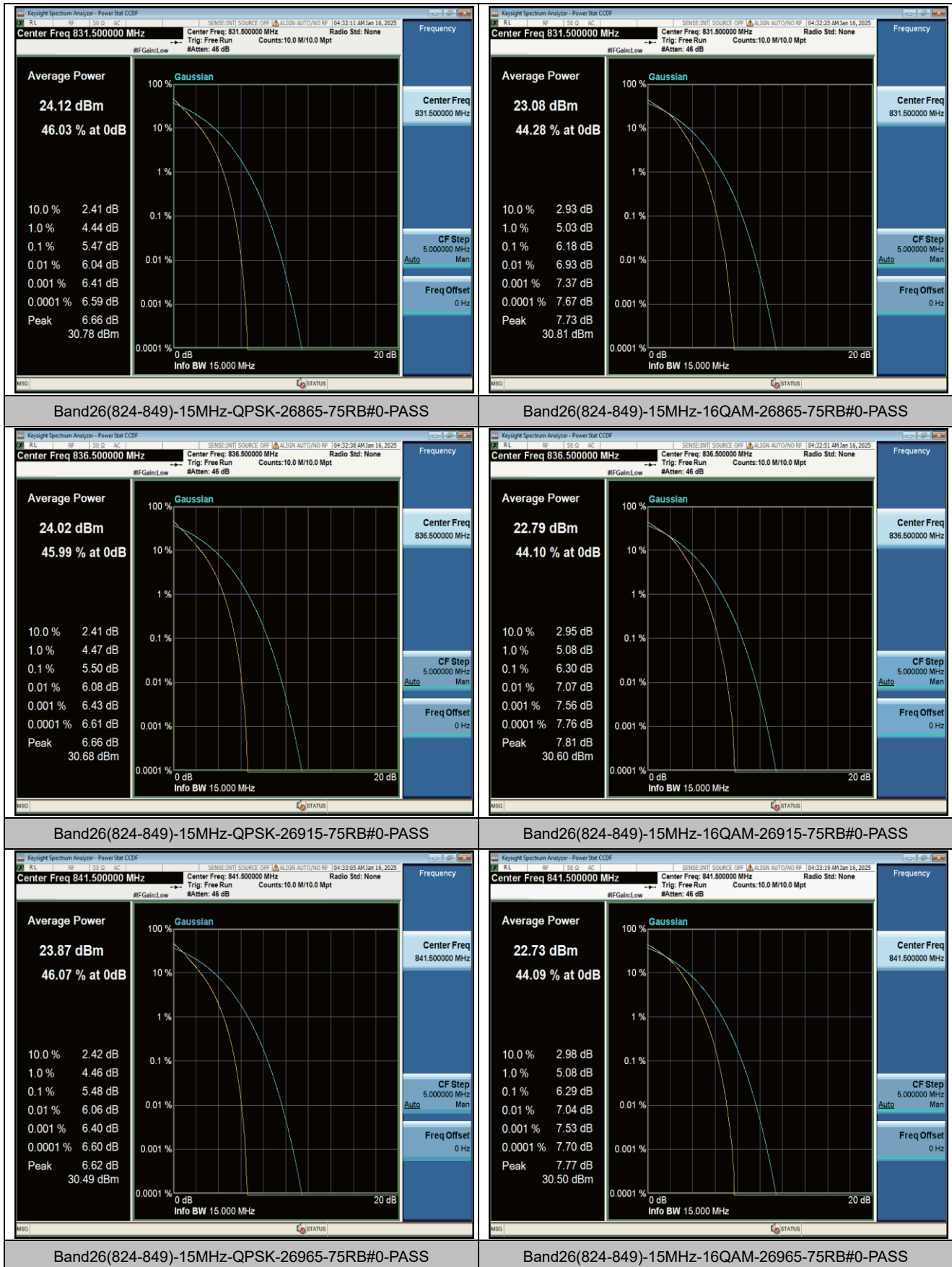
Band26(824-849)	10MHz	QPSK	26915	1RB#49	24.01	22.16	38.45	PASS
Band26(824-849)	10MHz	QPSK	26915	50RB#0	23.22	21.37	38.45	PASS
Band26(824-849)	10MHz	16QAM	26915	1RB#0	23.22	21.37	38.45	PASS
Band26(824-849)	10MHz	16QAM	26915	1RB#24	23.08	21.23	38.45	PASS
Band26(824-849)	10MHz	16QAM	26915	1RB#49	23.09	21.24	38.45	PASS
Band26(824-849)	10MHz	16QAM	26915	50RB#0	22.01	20.16	38.45	PASS
Band26(824-849)	10MHz	QPSK	26990	1RB#0	23.90	22.05	38.45	PASS
Band26(824-849)	10MHz	QPSK	26990	1RB#24	24.14	22.29	38.45	PASS
Band26(824-849)	10MHz	QPSK	26990	1RB#49	24.18	22.33	38.45	PASS
Band26(824-849)	10MHz	QPSK	26990	50RB#0	23.15	21.3	38.45	PASS
Band26(824-849)	10MHz	16QAM	26990	1RB#0	23.29	21.44	38.45	PASS
Band26(824-849)	10MHz	16QAM	26990	1RB#24	23.02	21.17	38.45	PASS
Band26(824-849)	10MHz	16QAM	26990	1RB#49	23.08	21.23	38.45	PASS
Band26(824-849)	10MHz	16QAM	26990	50RB#0	22.03	20.18	38.45	PASS
Band26(824-849)	15MHz	QPSK	26865	1RB#0	23.95	22.1	38.45	PASS
Band26(824-849)	15MHz	QPSK	26865	1RB#38	24.48	22.63	38.45	PASS
Band26(824-849)	15MHz	QPSK	26865	1RB#74	23.93	22.08	38.45	PASS
Band26(824-849)	15MHz	QPSK	26865	75RB#0	23.29	21.44	38.45	PASS
Band26(824-849)	15MHz	16QAM	26865	1RB#0	22.87	21.02	38.45	PASS
Band26(824-849)	15MHz	16QAM	26865	1RB#38	23.29	21.44	38.45	PASS
Band26(824-849)	15MHz	16QAM	26865	1RB#74	23.12	21.27	38.45	PASS
Band26(824-849)	15MHz	16QAM	26865	75RB#0	22.26	20.41	38.45	PASS
Band26(824-849)	15MHz	QPSK	26915	1RB#0	24.09	22.24	38.45	PASS
Band26(824-849)	15MHz	QPSK	26915	1RB#38	23.97	22.12	38.45	PASS
Band26(824-849)	15MHz	QPSK	26915	1RB#74	23.99	22.14	38.45	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	23.18	21.33	38.45	PASS
Band26(824-849)	15MHz	16QAM	26915	1RB#0	23.12	21.27	38.45	PASS
Band26(824-849)	15MHz	16QAM	26915	1RB#38	23.12	21.27	38.45	PASS
Band26(824-849)	15MHz	16QAM	26915	1RB#74	23.12	21.27	38.45	PASS
Band26(824-849)	15MHz	16QAM	26915	75RB#0	22.06	20.21	38.45	PASS
Band26(824-849)	15MHz	QPSK	26965	1RB#0	24.01	22.16	38.45	PASS
Band26(824-849)	15MHz	QPSK	26965	1RB#38	24.32	22.47	38.45	PASS
Band26(824-849)	15MHz	QPSK	26965	1RB#74	24.19	22.34	38.45	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	23.16	21.31	38.45	PASS
Band26(824-849)	15MHz	16QAM	26965	1RB#0	23.00	21.15	38.45	PASS
Band26(824-849)	15MHz	16QAM	26965	1RB#38	23.10	21.25	38.45	PASS
Band26(824-849)	15MHz	16QAM	26965	1RB#74	23.07	21.22	38.45	PASS
Band26(824-849)	15MHz	16QAM	26965	75RB#0	22.04	20.19	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	5.47	13	PASS
Band26(824-849)	15MHz	16QAM	26865	75RB#0	6.18	13	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	5.50	13	PASS
Band26(824-849)	15MHz	16QAM	26915	75RB#0	6.30	13	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	5.48	13	PASS
Band26(824-849)	15MHz	16QAM	26965	75RB#0	6.29	13	PASS

Test Graphs

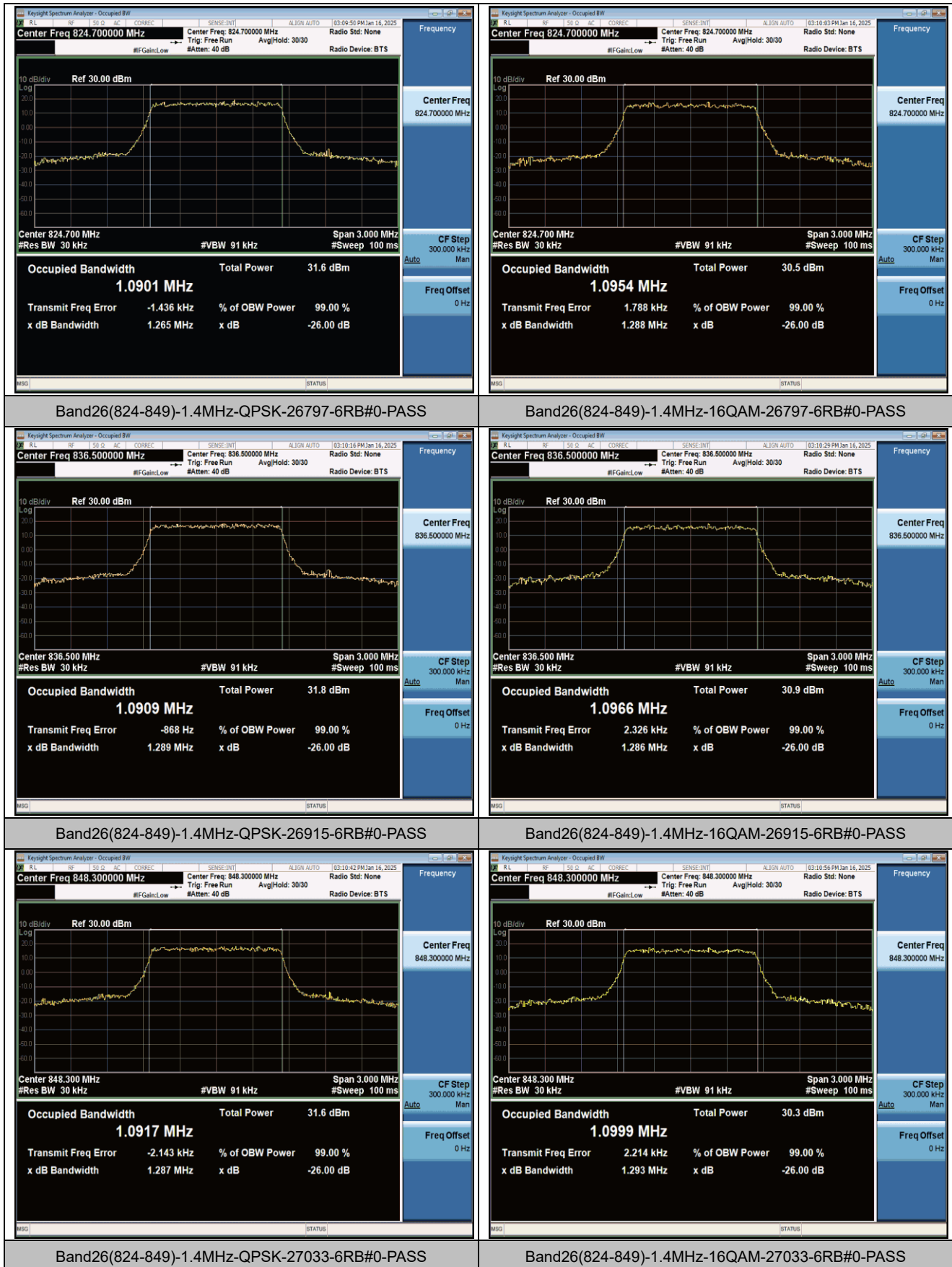


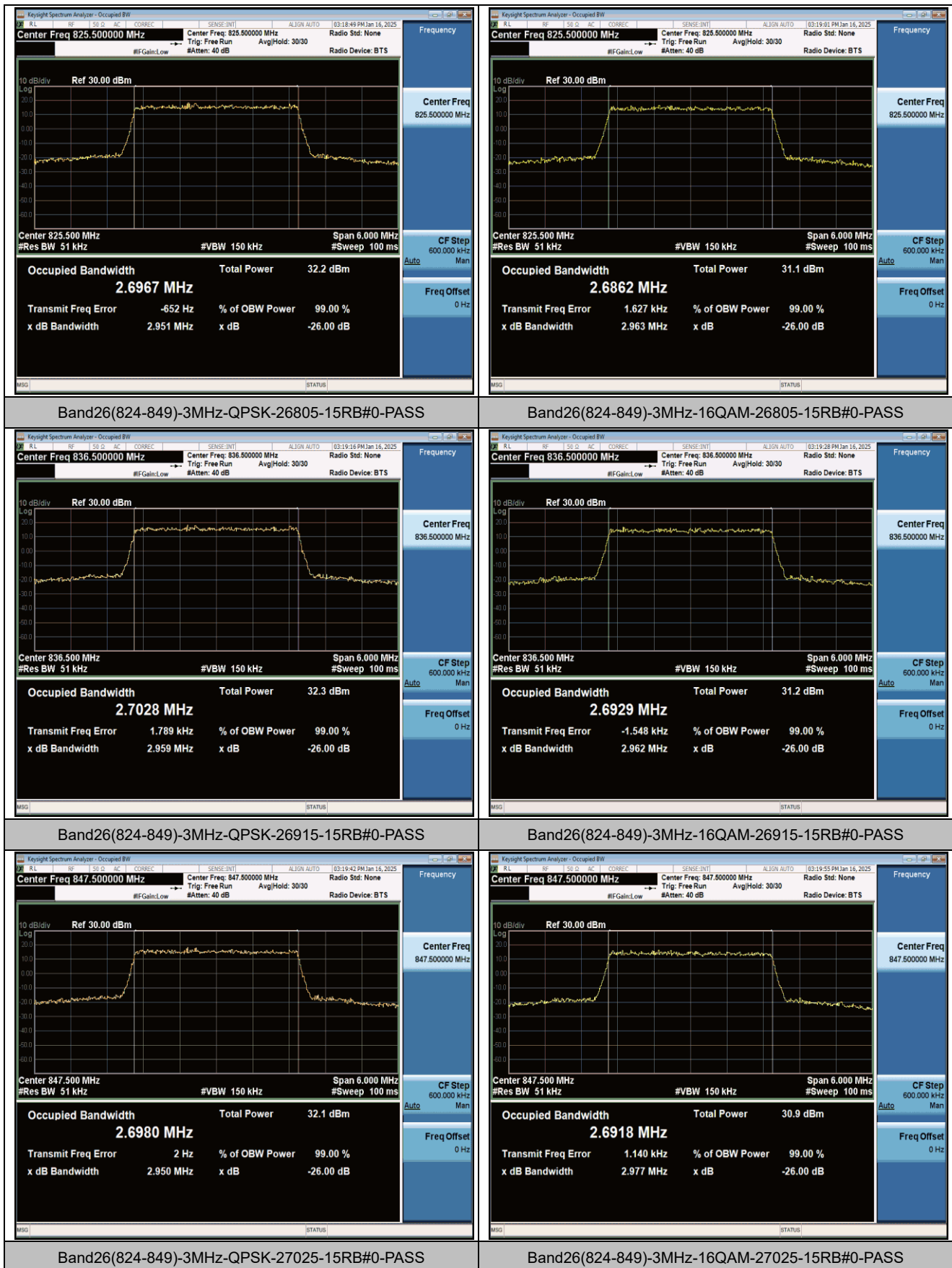
26dB Bandwidth and Occupied Bandwidth

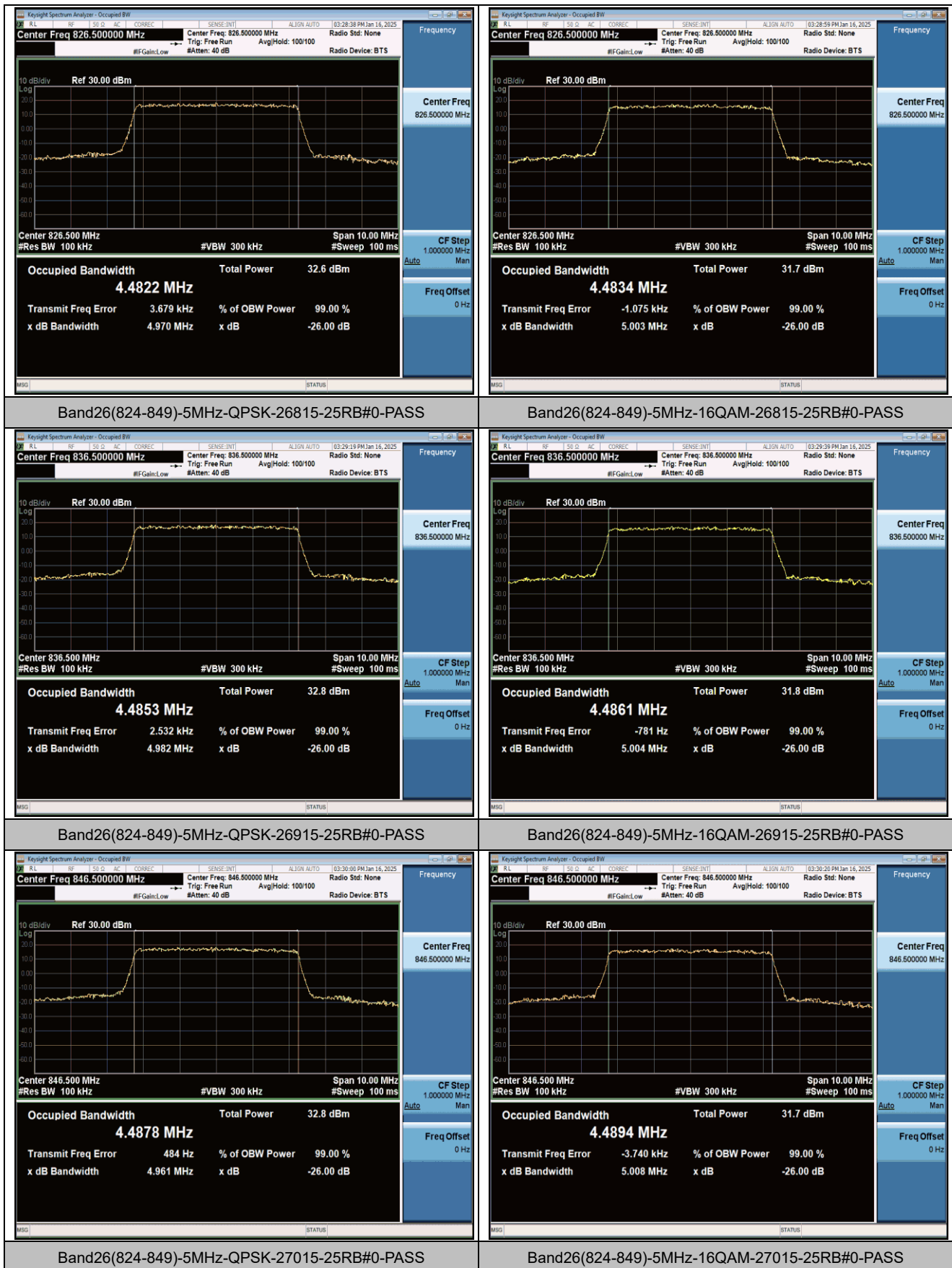
Test Result

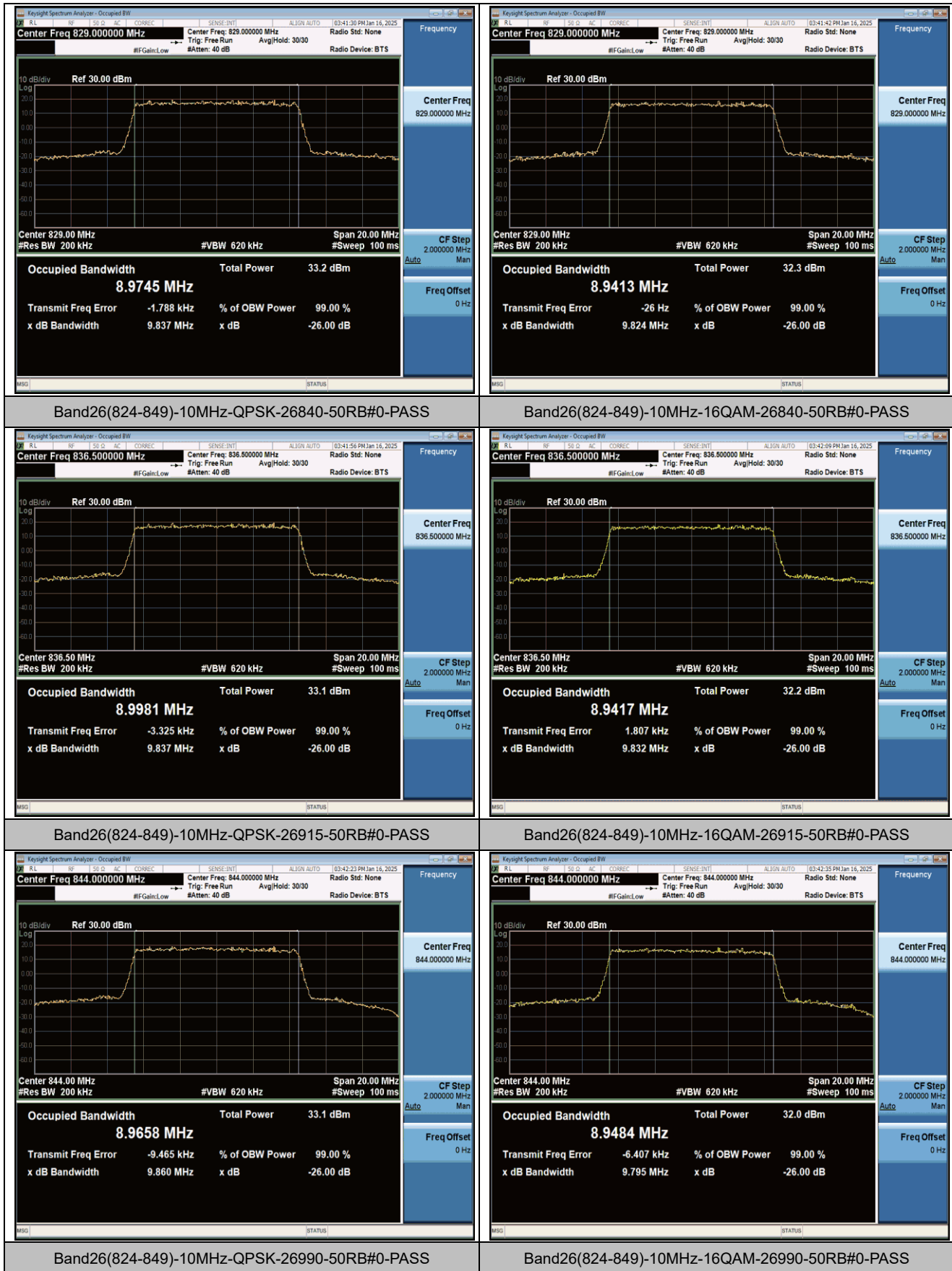
Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	1.0901	1.265	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	1.0954	1.288	PASS
Band26(824-849)	1.4MHz	QPSK	26915	6RB#0	1.0909	1.289	PASS
Band26(824-849)	1.4MHz	16QAM	26915	6RB#0	1.0966	1.286	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	1.0917	1.287	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	1.0999	1.293	PASS
Band26(824-849)	3MHz	QPSK	26805	15RB#0	2.6967	2.951	PASS
Band26(824-849)	3MHz	16QAM	26805	15RB#0	2.6862	2.963	PASS
Band26(824-849)	3MHz	QPSK	26915	15RB#0	2.7028	2.959	PASS
Band26(824-849)	3MHz	16QAM	26915	15RB#0	2.6929	2.962	PASS
Band26(824-849)	3MHz	QPSK	27025	15RB#0	2.6980	2.950	PASS
Band26(824-849)	3MHz	16QAM	27025	15RB#0	2.6918	2.977	PASS
Band26(824-849)	5MHz	QPSK	26815	25RB#0	4.4822	4.970	PASS
Band26(824-849)	5MHz	16QAM	26815	25RB#0	4.4834	5.003	PASS
Band26(824-849)	5MHz	QPSK	26915	25RB#0	4.4853	4.982	PASS
Band26(824-849)	5MHz	16QAM	26915	25RB#0	4.4861	5.004	PASS
Band26(824-849)	5MHz	QPSK	27015	25RB#0	4.4878	4.961	PASS
Band26(824-849)	5MHz	16QAM	27015	25RB#0	4.4894	5.008	PASS
Band26(824-849)	10MHz	QPSK	26840	50RB#0	8.9745	9.837	PASS
Band26(824-849)	10MHz	16QAM	26840	50RB#0	8.9413	9.824	PASS
Band26(824-849)	10MHz	QPSK	26915	50RB#0	8.9981	9.837	PASS
Band26(824-849)	10MHz	16QAM	26915	50RB#0	8.9417	9.832	PASS
Band26(824-849)	10MHz	QPSK	26990	50RB#0	8.9658	9.860	PASS
Band26(824-849)	10MHz	16QAM	26990	50RB#0	8.9484	9.795	PASS
Band26(824-849)	15MHz	QPSK	26865	75RB#0	13.466	14.80	PASS
Band26(824-849)	15MHz	16QAM	26865	75RB#0	13.444	14.73	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	13.441	14.77	PASS
Band26(824-849)	15MHz	16QAM	26915	75RB#0	13.450	14.72	PASS
Band26(824-849)	15MHz	QPSK	26965	75RB#0	13.430	14.67	PASS
Band26(824-849)	15MHz	16QAM	26965	75RB#0	13.422	14.67	PASS

Test Graphs





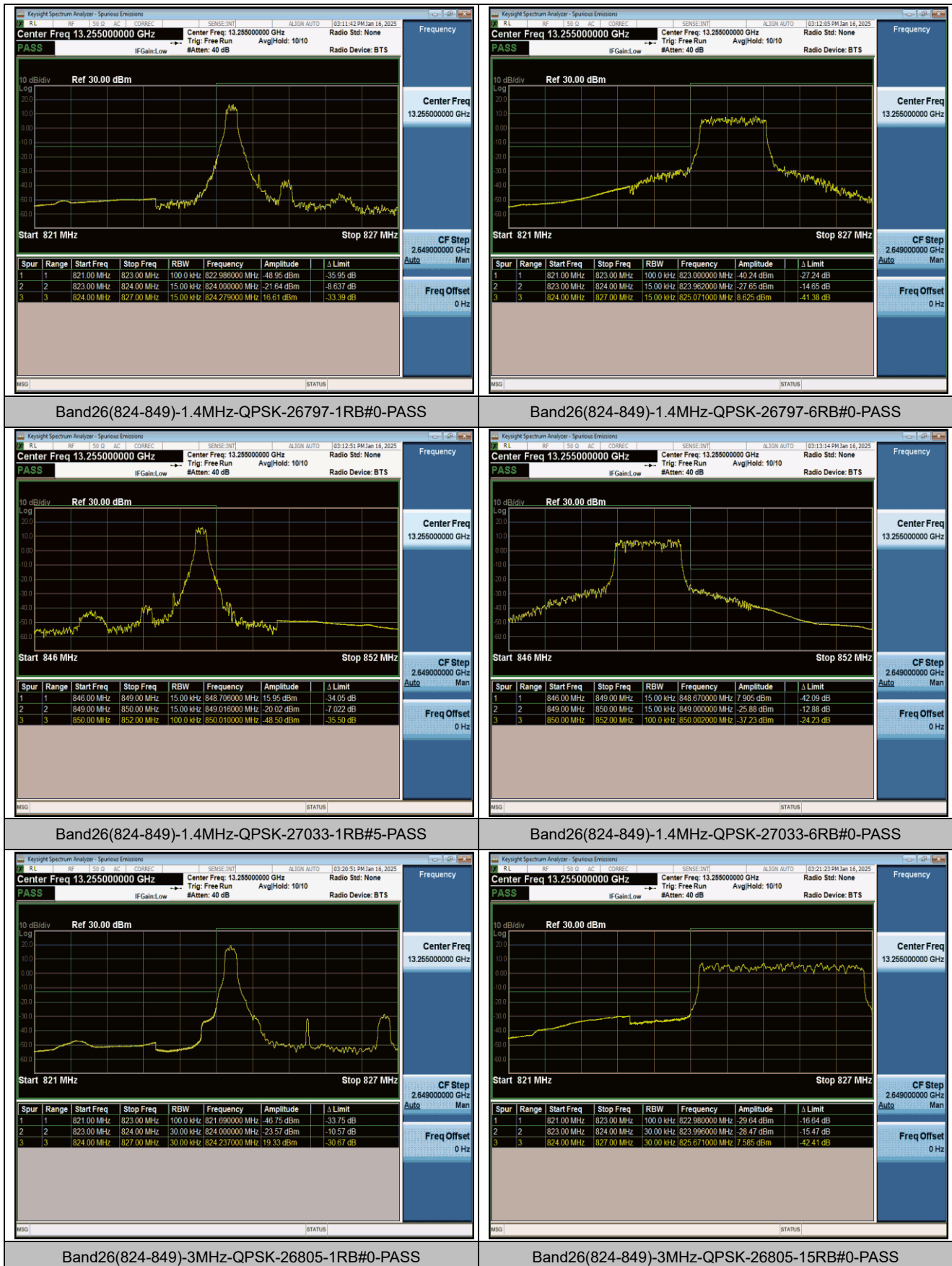


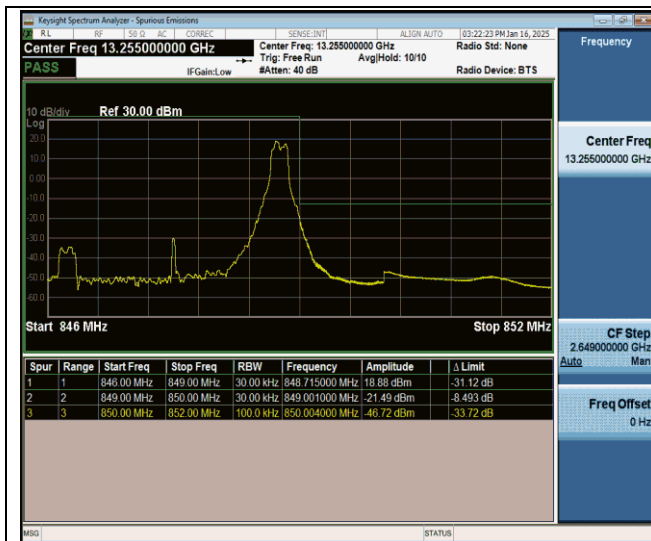




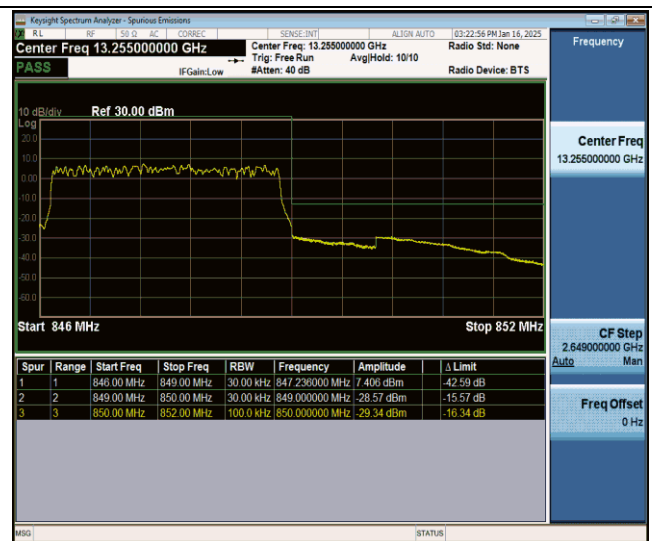
Band Edge

Test Graphs

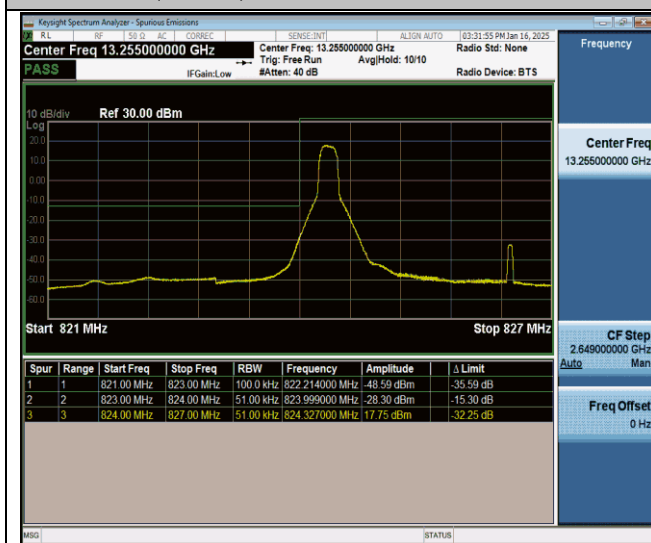




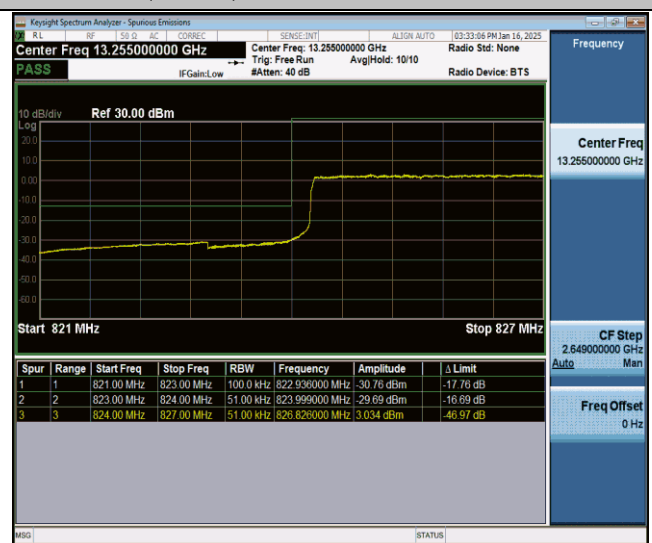
Band26(824-849)-3MHz-QPSK-27025-1RB#14-PASS



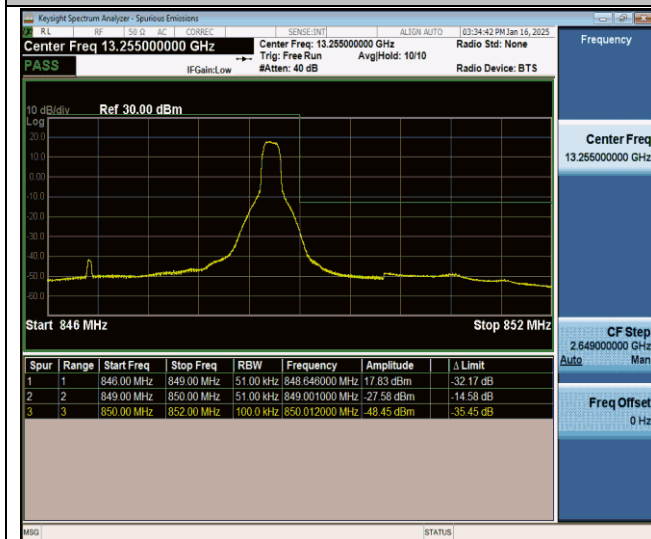
Band26(824-849)-3MHz-QPSK-27025-15RB#0-PASS



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



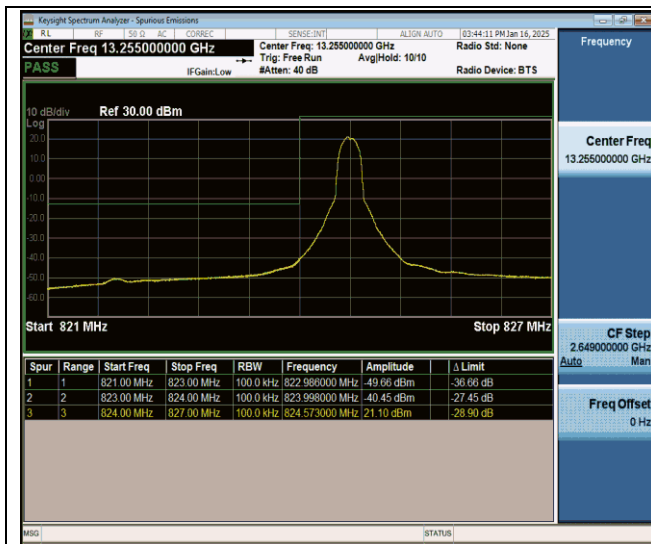
Band26(824-849)-5MHz-QPSK-26815-25RB#0-PASS



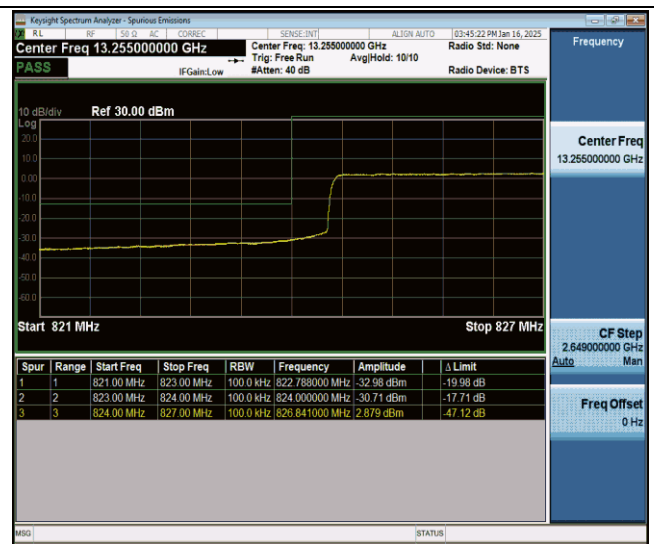
Band26(824-849)-5MHz-QPSK-27015-1RB#24-PASS



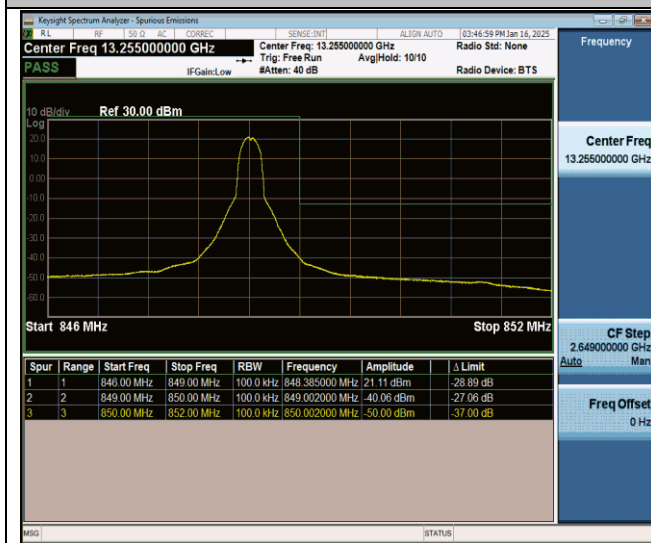
Band26(824-849)-5MHz-QPSK-27015-25RB#0-PASS



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



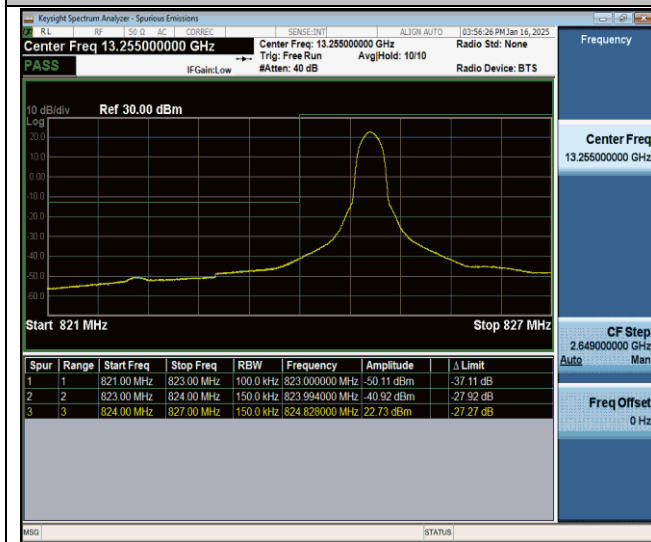
Band26(824-849)-10MHz-QPSK-26840-50RB#0-PASS



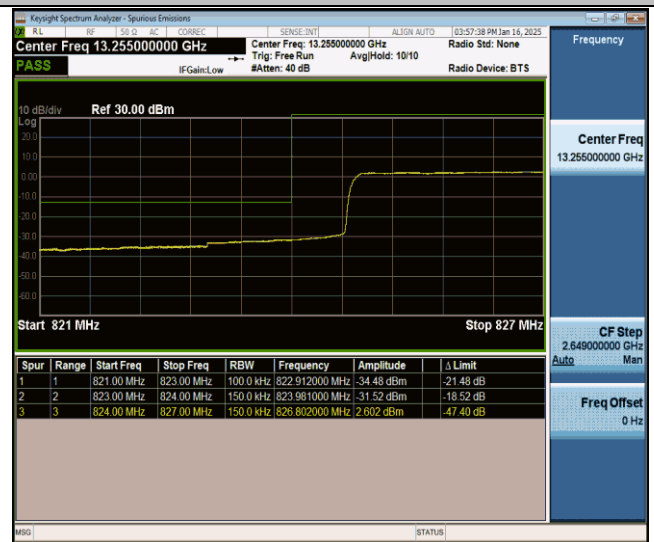
Band26(824-849)-10MHz-QPSK-26990-1RB#49-PASS



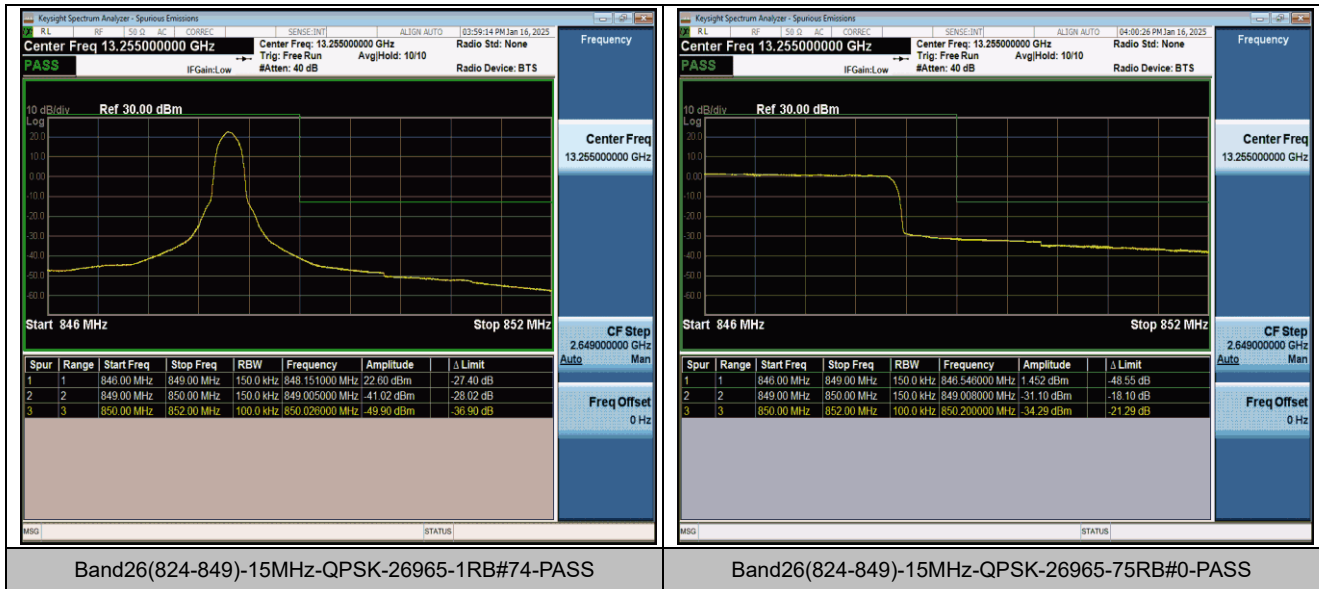
Band26(824-849)-10MHz-QPSK-26990-50RB#0-PASS



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

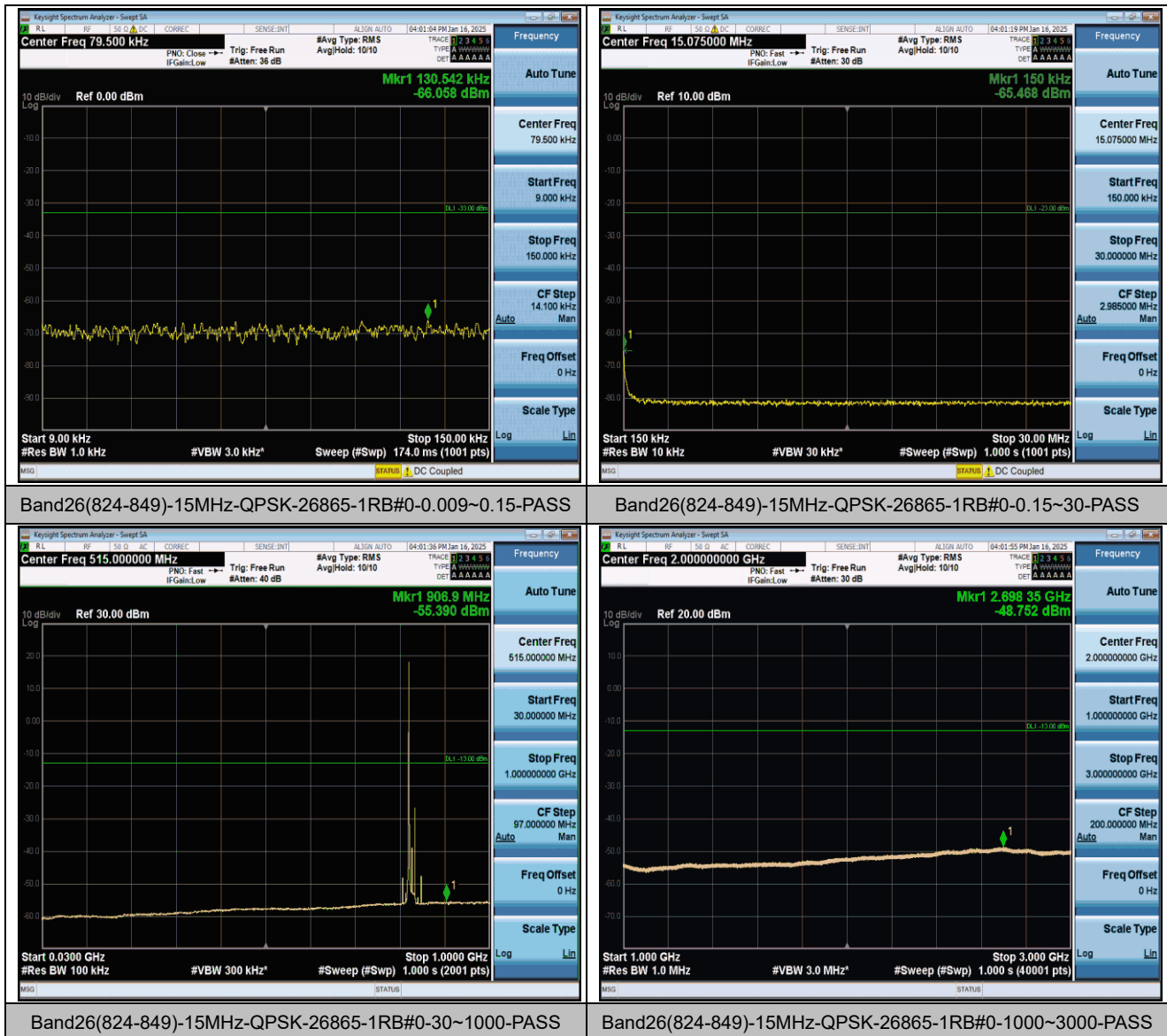


Band26(824-849)-15MHz-QPSK-26865-75RB#0-PASS



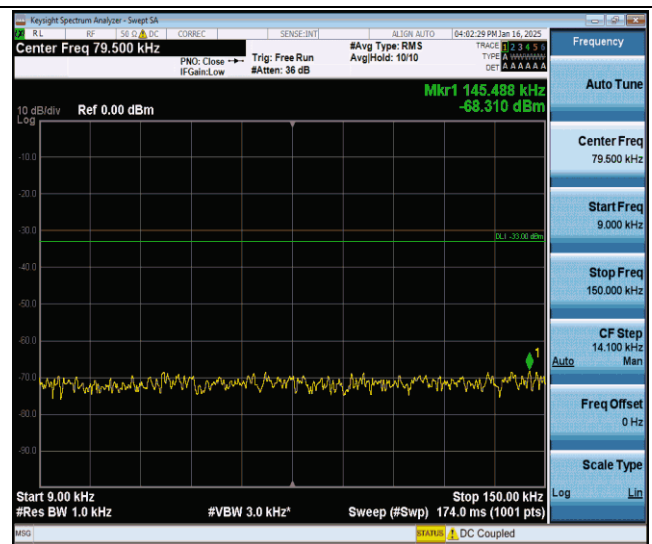
Conducted Spurious Emission

Test Graphs





Band26(824-849)-15MHz-QPSK-26865-1RB#0-3000~10000-PASS



Band26(824-849)-15MHz-QPSK-26915-1RB#0-0.009~0.15-PASS



Band26(824-849)-15MHz-QPSK-26915-1RB#0-0.15~30-PASS



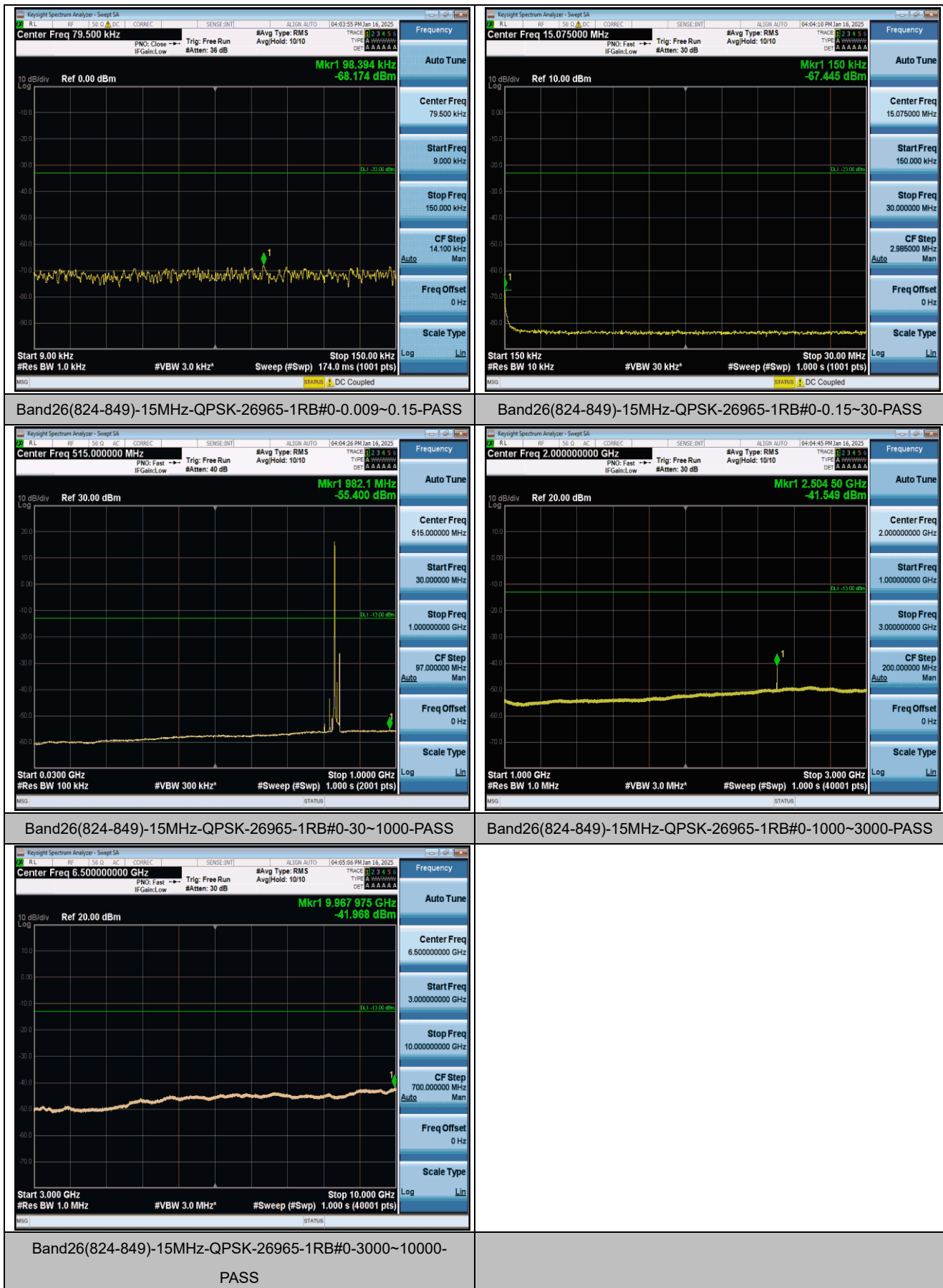
Band26(824-849)-15MHz-QPSK-26915-1RB#0-30~1000-PASS



Band26(824-849)-15MHz-QPSK-26915-1RB#0-1000~3000-PASS



Band26(824-849)-15MHz-QPSK-26915-1RB#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	-0.20	-0.000239	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	VL	NT	0.80	0.000956	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	VH	NT	1.20	0.001435	±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	-0.70	-0.000837	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	-20	-0.10	-0.000120	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	-10	0.60	0.000717	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	0	-0.30	-0.000359	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	10	-0.40	-0.000478	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	20	-1.00	-0.001195	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	30	-1.10	-0.001315	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	40	0.30	0.000359	±2.5	PASS
Band26(824-849)	15MHz	QPSK	26915	75RB#0	NV	50	-0.30	-0.000359	±2.5	PASS

~The End~