

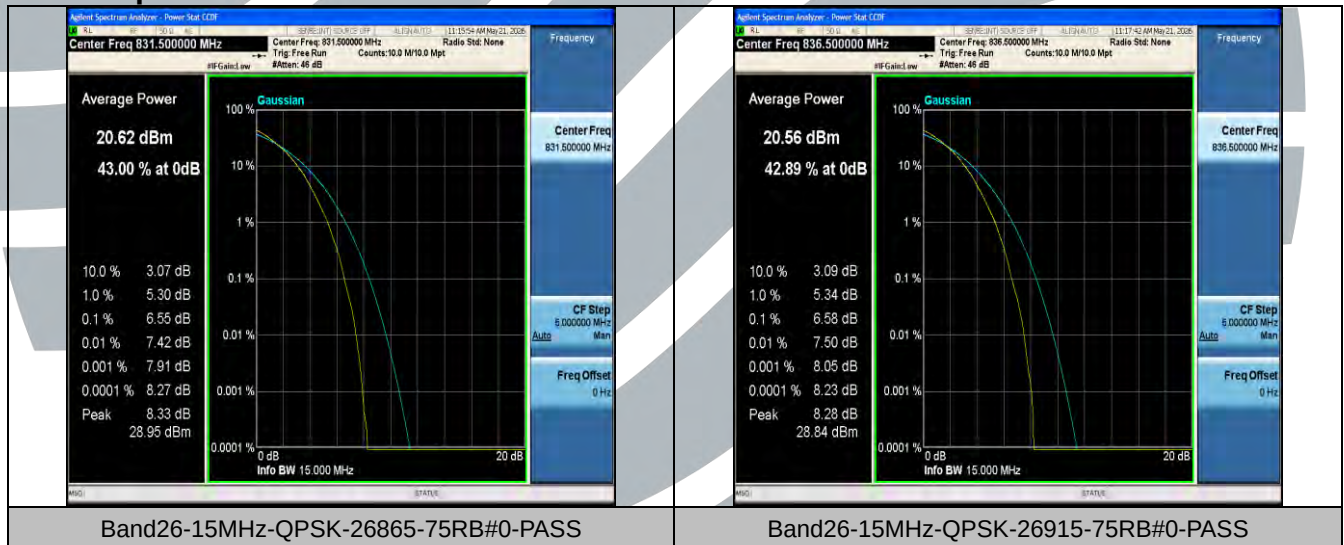
APPENDIX G LTE BAND 26(824-849MHZ) RF TEST DATA

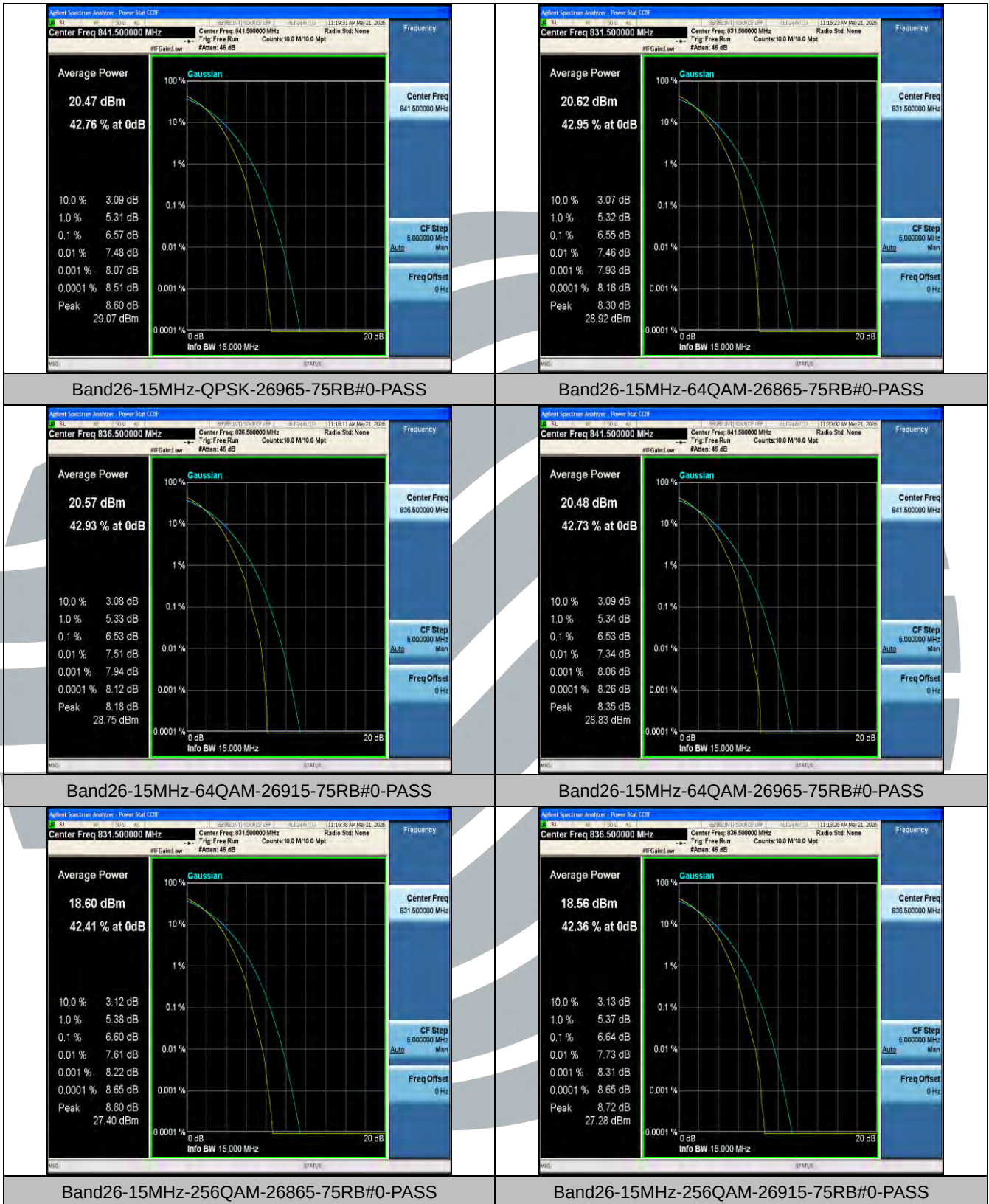
G.1 PEAK-TO-AVERAGE RATIO (CCDF)

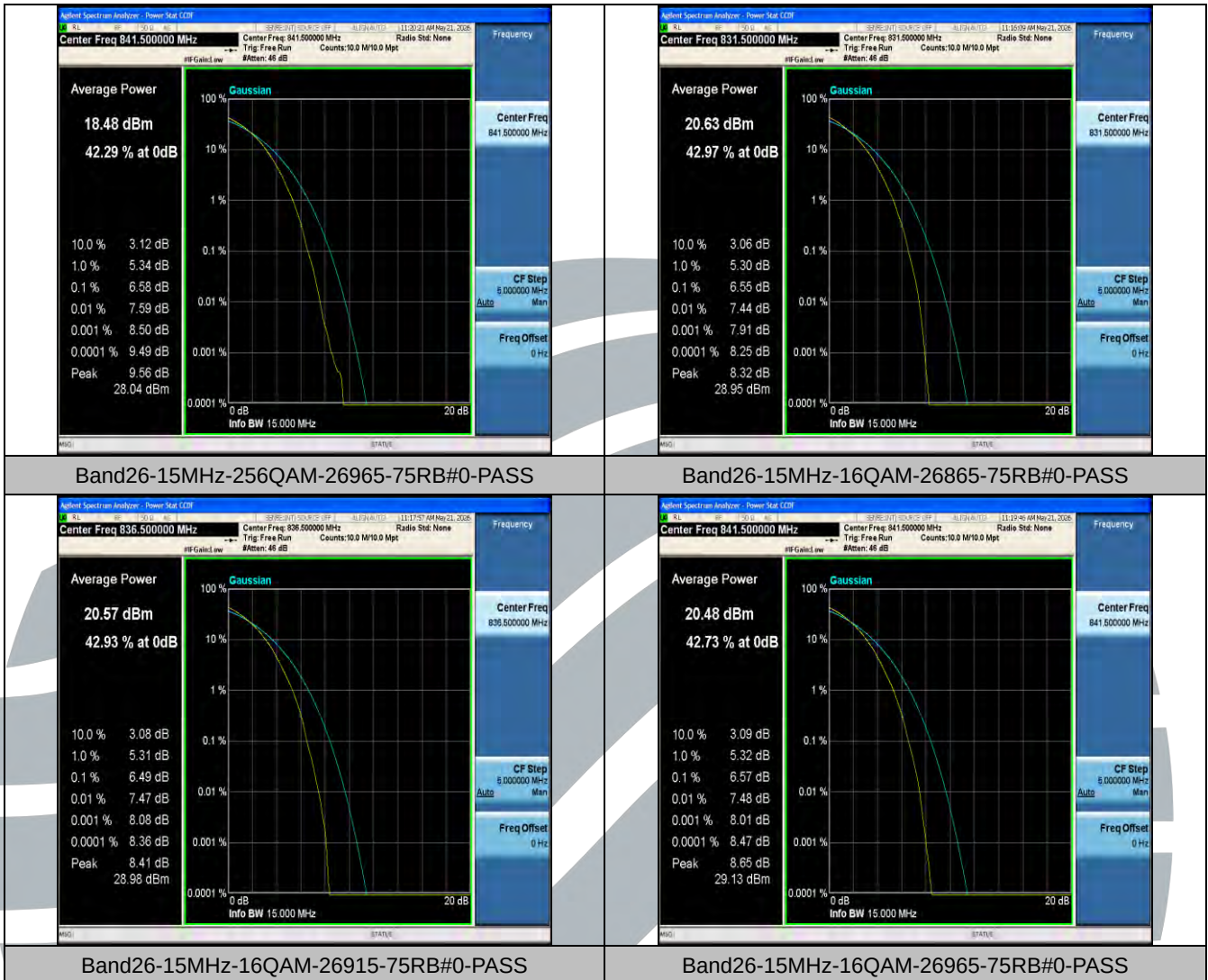
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band26	15MHz	QPSK	26865	75RB#0	6.55	13	PASS
Band26	15MHz	QPSK	26915	75RB#0	6.58	13	PASS
Band26	15MHz	QPSK	26965	75RB#0	6.57	13	PASS
Band26	15MHz	64QAM	26865	75RB#0	6.55	13	PASS
Band26	15MHz	64QAM	26915	75RB#0	6.53	13	PASS
Band26	15MHz	64QAM	26965	75RB#0	6.53	13	PASS
Band26	15MHz	256QAM	26865	75RB#0	6.60	13	PASS
Band26	15MHz	256QAM	26915	75RB#0	6.64	13	PASS
Band26	15MHz	256QAM	26965	75RB#0	6.58	13	PASS
Band26	15MHz	16QAM	26865	75RB#0	6.55	13	PASS
Band26	15MHz	16QAM	26915	75RB#0	6.49	13	PASS
Band26	15MHz	16QAM	26965	75RB#0	6.57	13	PASS

Test Graphs





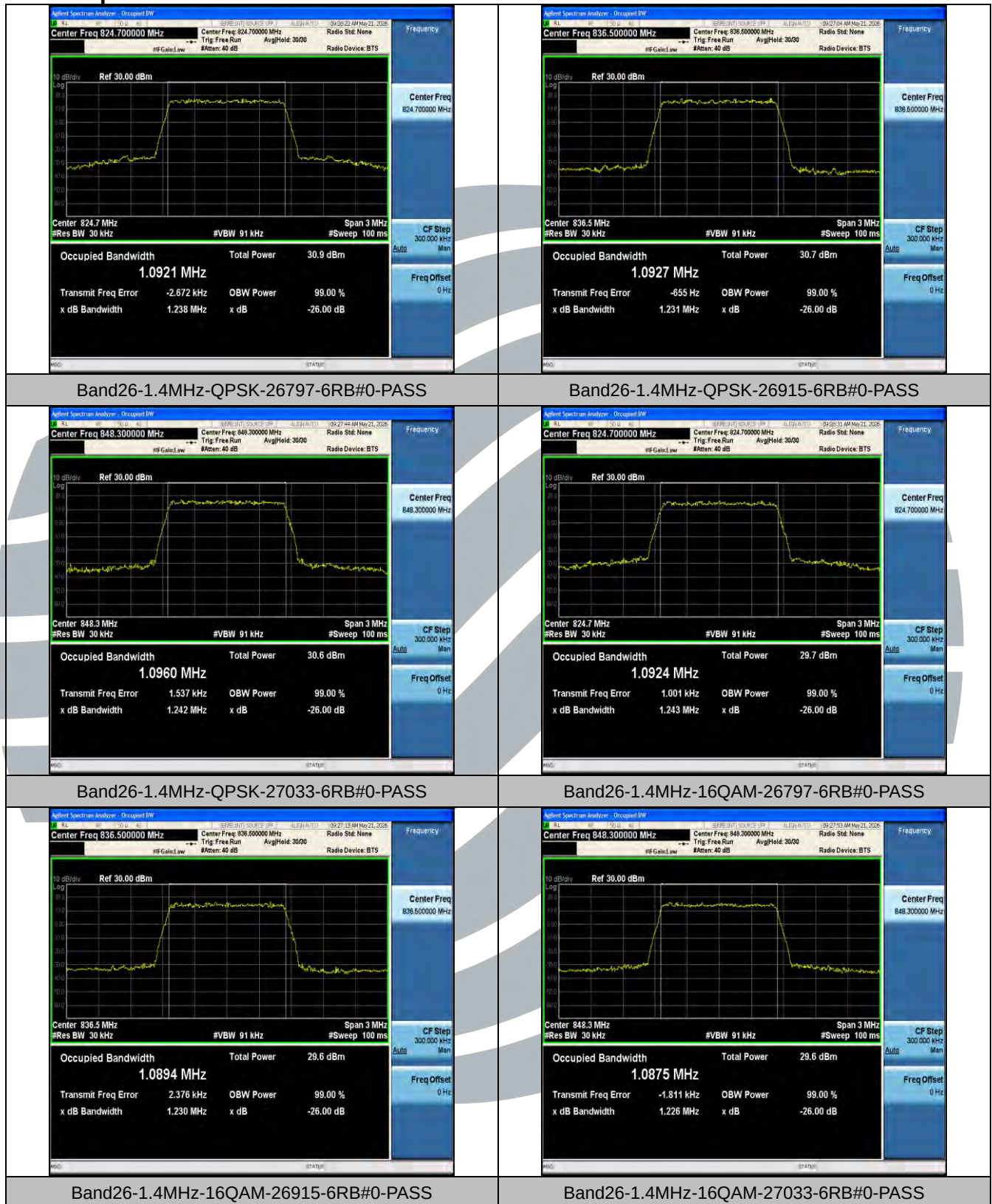


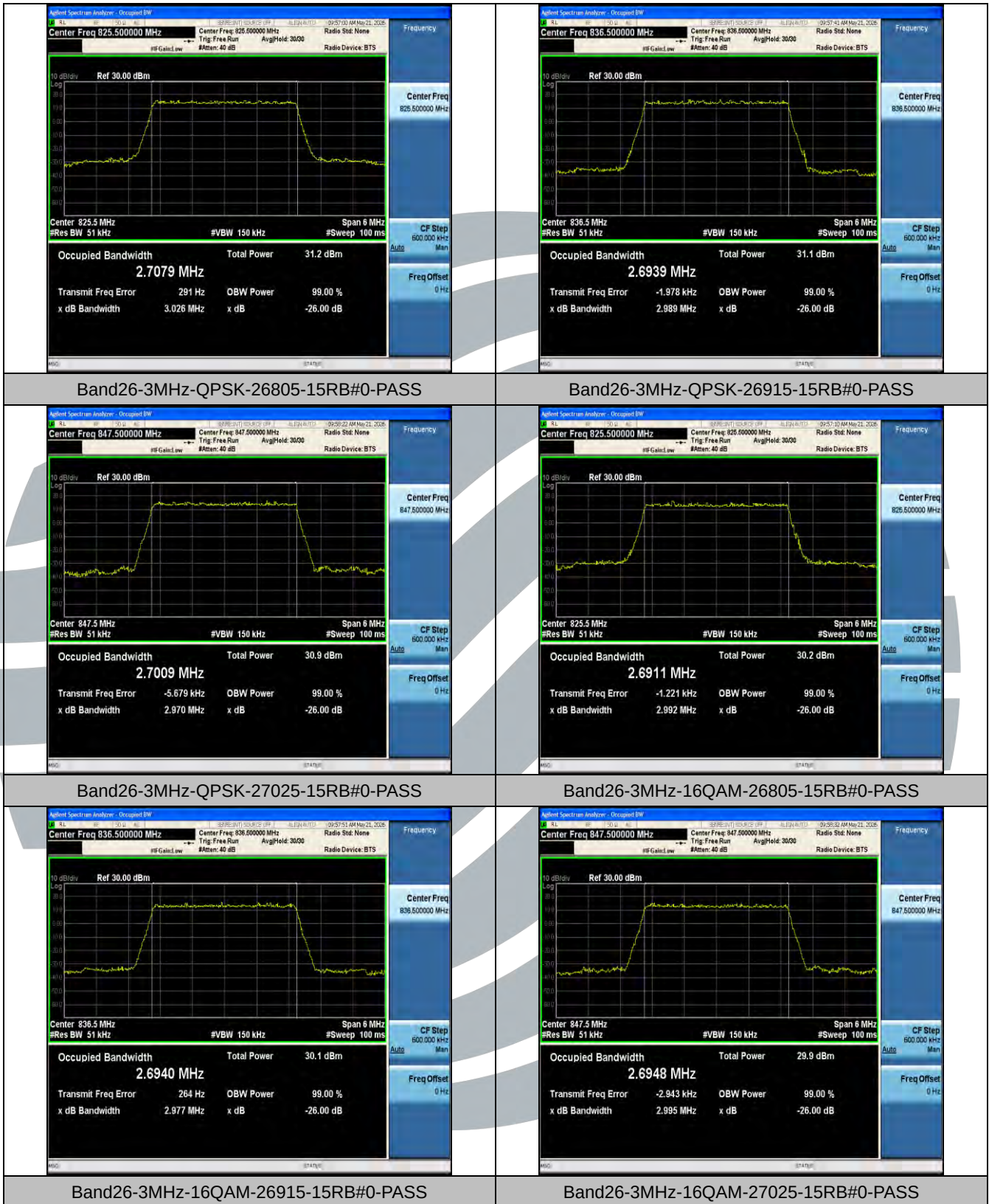
G.2 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

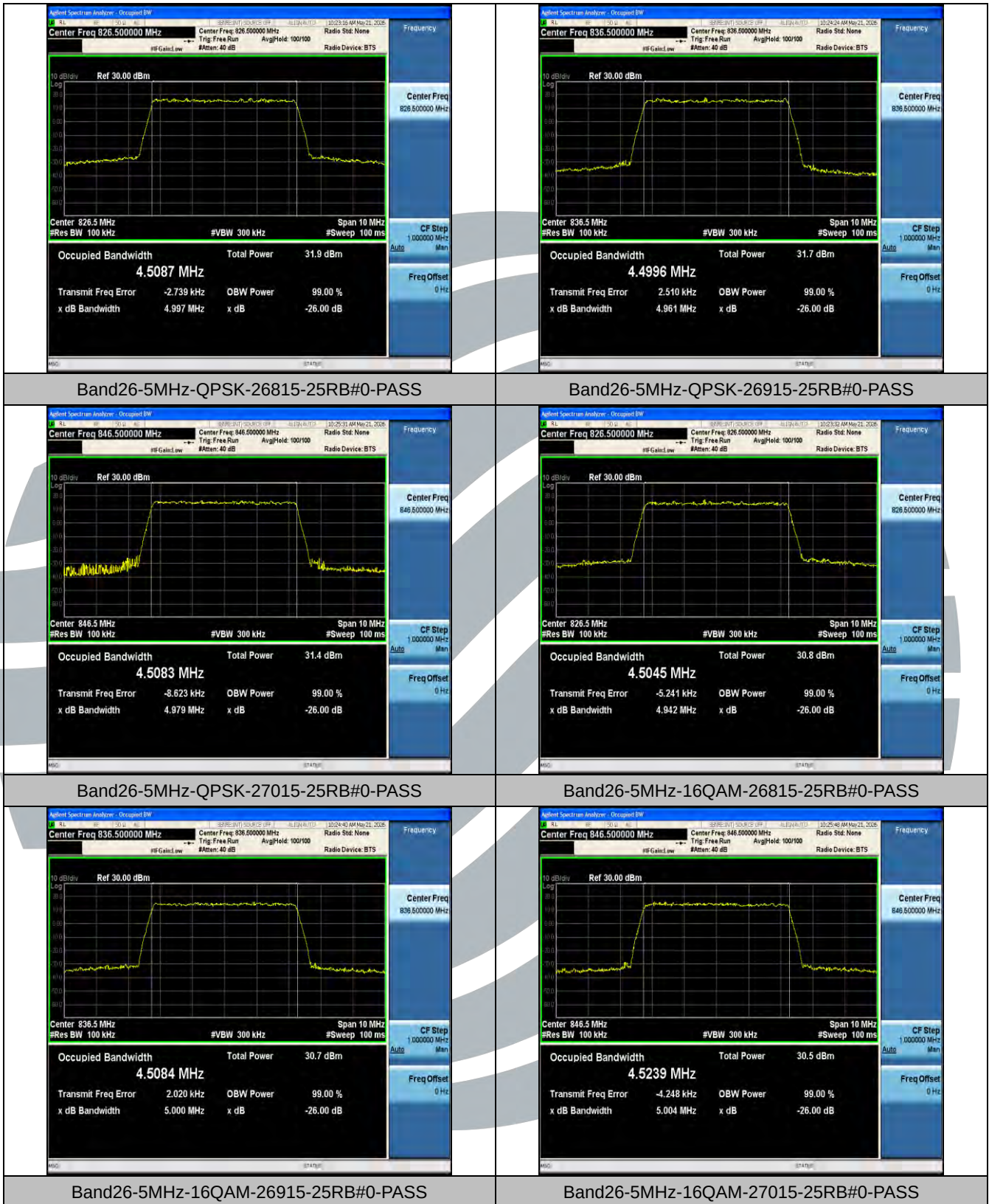
Test Result

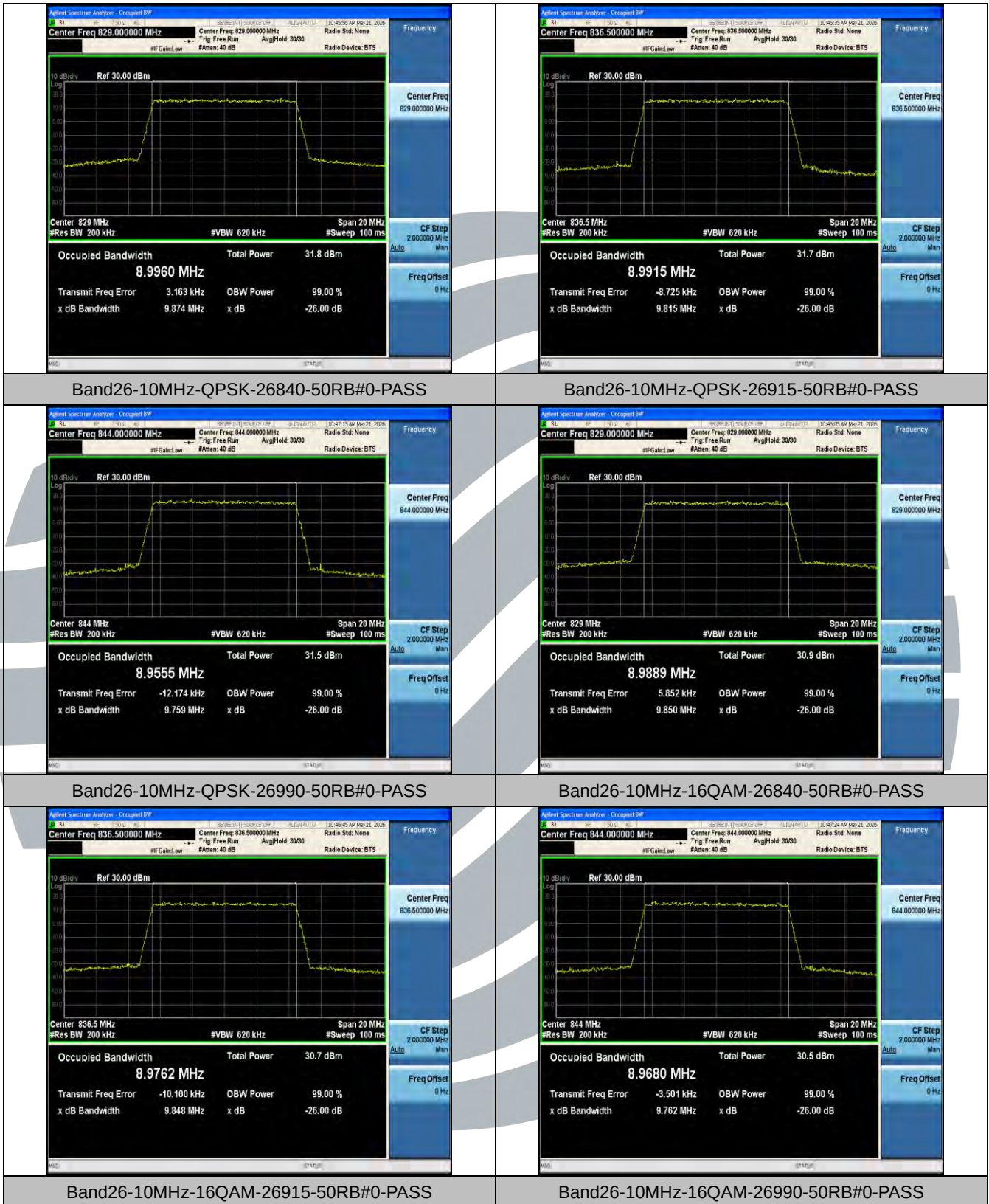
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26797	6RB#0	1.0921	1.238	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	1.0927	1.231	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	1.0960	1.242	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	1.0924	1.243	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	1.0894	1.230	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	1.0875	1.226	PASS
Band26	3MHz	QPSK	26805	15RB#0	2.7079	3.026	PASS
Band26	3MHz	QPSK	26915	15RB#0	2.6939	2.989	PASS
Band26	3MHz	QPSK	27025	15RB#0	2.7009	2.970	PASS
Band26	3MHz	16QAM	26805	15RB#0	2.6911	2.992	PASS
Band26	3MHz	16QAM	26915	15RB#0	2.6940	2.977	PASS
Band26	3MHz	16QAM	27025	15RB#0	2.6948	2.995	PASS
Band26	5MHz	QPSK	26815	25RB#0	4.5087	4.997	PASS
Band26	5MHz	QPSK	26915	25RB#0	4.4996	4.961	PASS
Band26	5MHz	QPSK	27015	25RB#0	4.5083	4.979	PASS
Band26	5MHz	16QAM	26815	25RB#0	4.5045	4.942	PASS
Band26	5MHz	16QAM	26915	25RB#0	4.5084	5.000	PASS
Band26	5MHz	16QAM	27015	25RB#0	4.5239	5.004	PASS
Band26	10MHz	QPSK	26840	50RB#0	8.9960	9.874	PASS
Band26	10MHz	QPSK	26915	50RB#0	8.9915	9.815	PASS
Band26	10MHz	QPSK	26990	50RB#0	8.9555	9.759	PASS
Band26	10MHz	16QAM	26840	50RB#0	8.9889	9.850	PASS
Band26	10MHz	16QAM	26915	50RB#0	8.9762	9.848	PASS
Band26	10MHz	16QAM	26990	50RB#0	8.9680	9.762	PASS
Band26	15MHz	QPSK	26865	75RB#0	13.497	14.79	PASS
Band26	15MHz	QPSK	26915	75RB#0	13.443	14.74	PASS
Band26	15MHz	QPSK	26965	75RB#0	13.425	14.67	PASS
Band26	15MHz	16QAM	26865	75RB#0	13.474	14.69	PASS
Band26	15MHz	16QAM	26915	75RB#0	13.487	14.62	PASS
Band26	15MHz	16QAM	26965	75RB#0	13.464	14.70	PASS

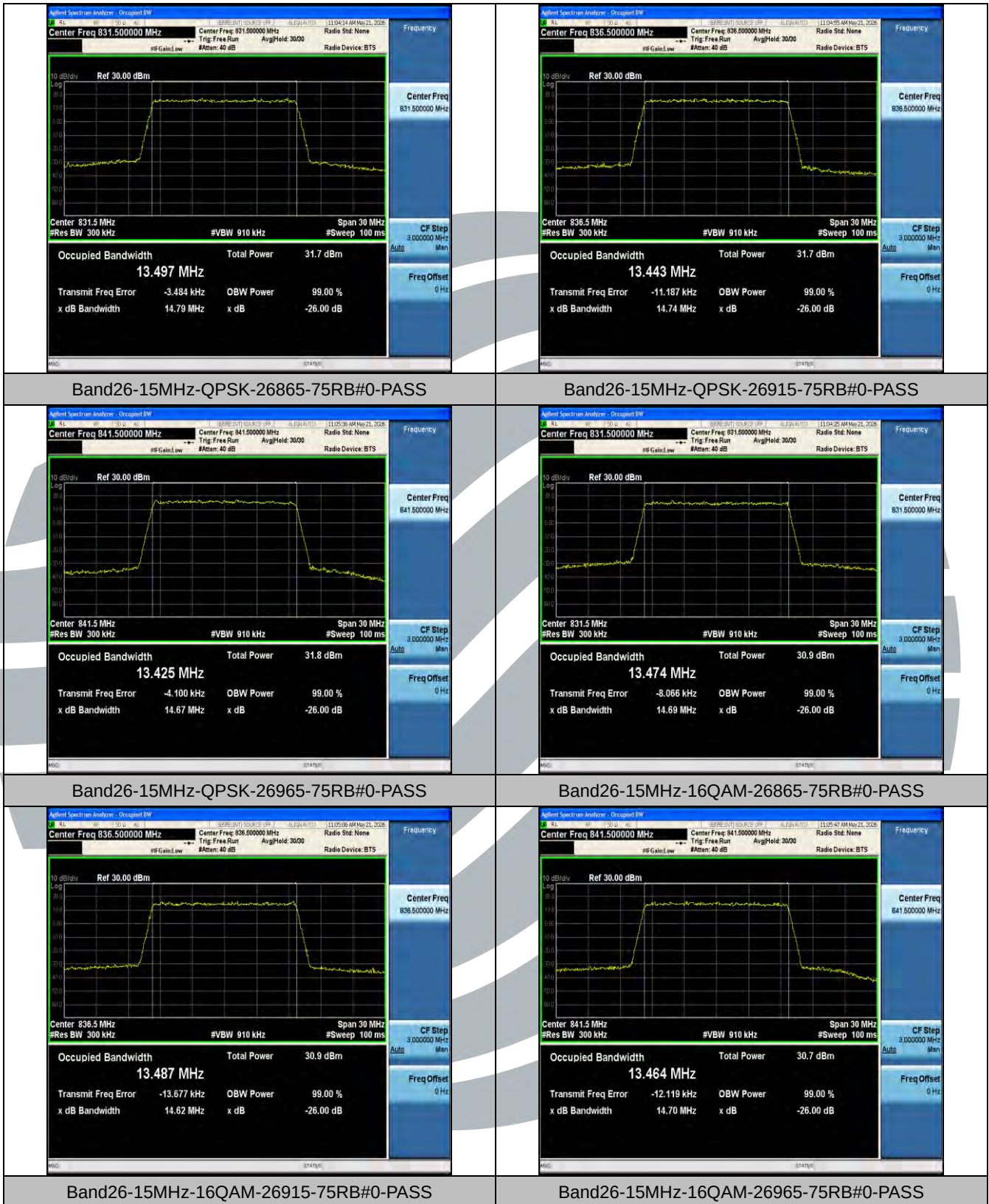
Test Graphs









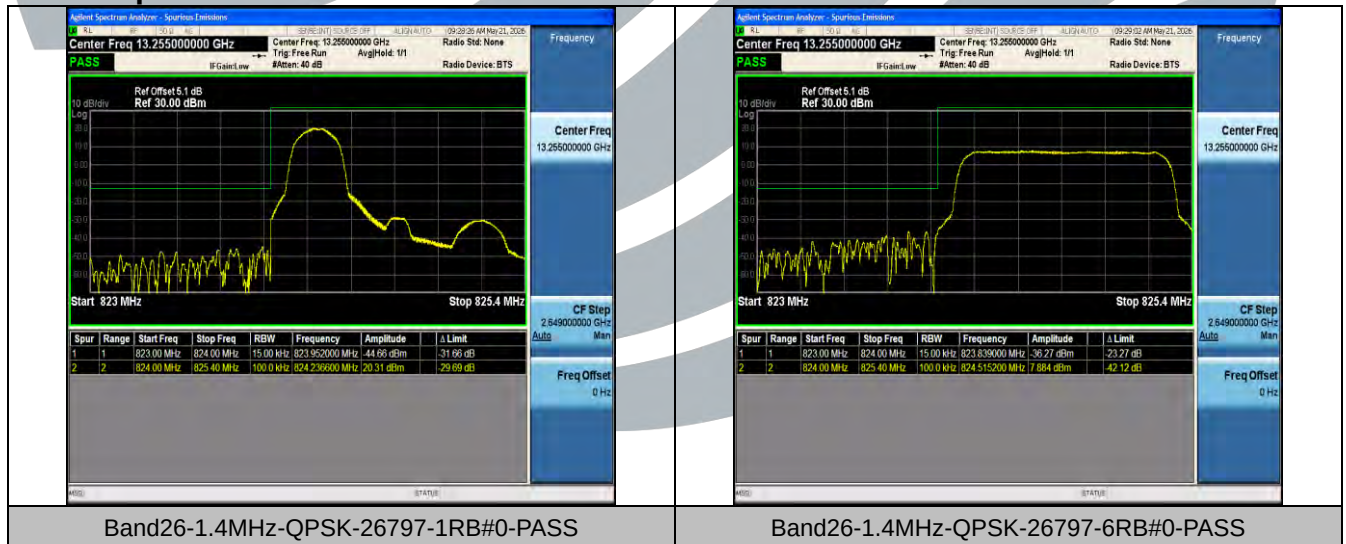


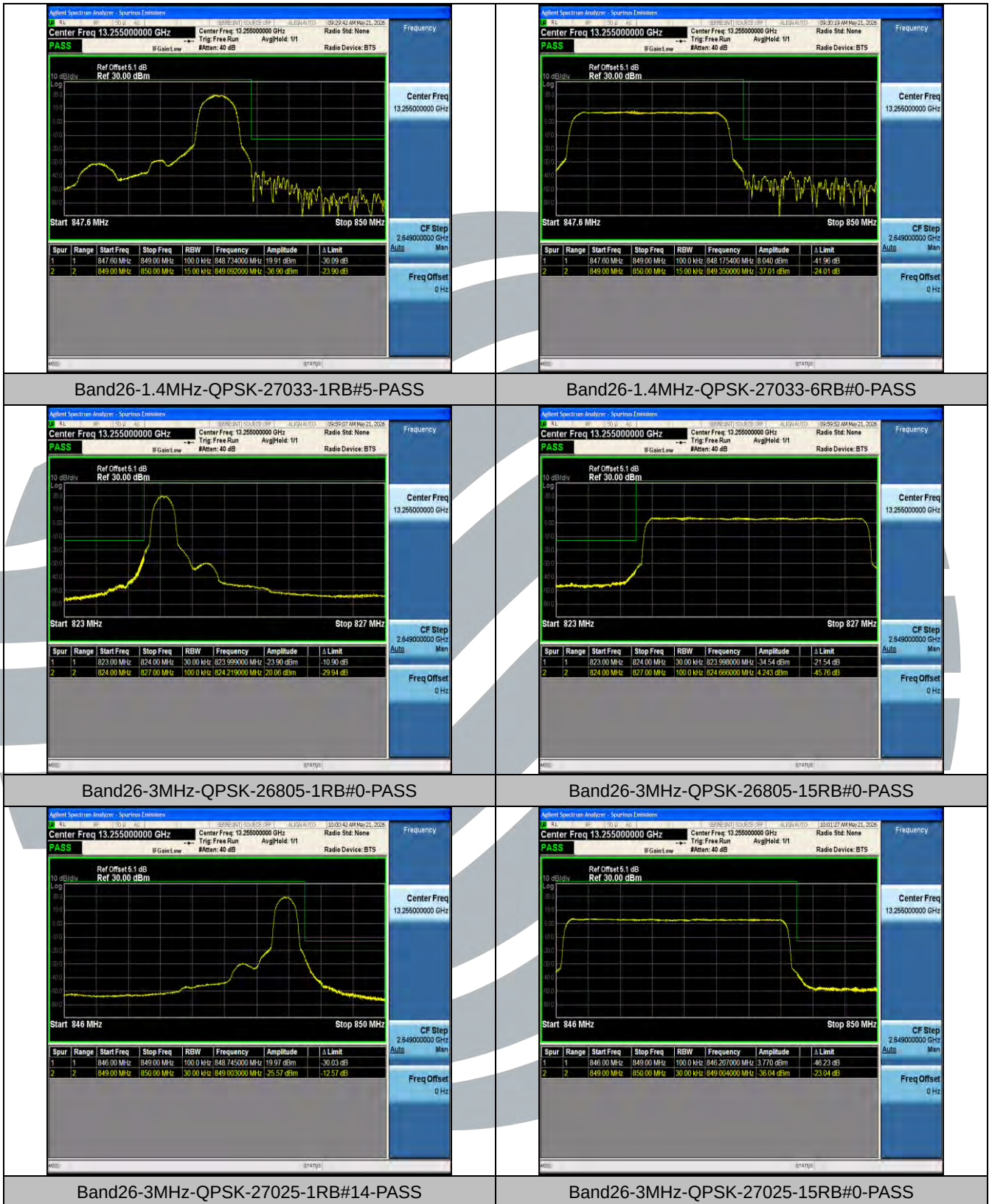
G.3 BAND EDGE

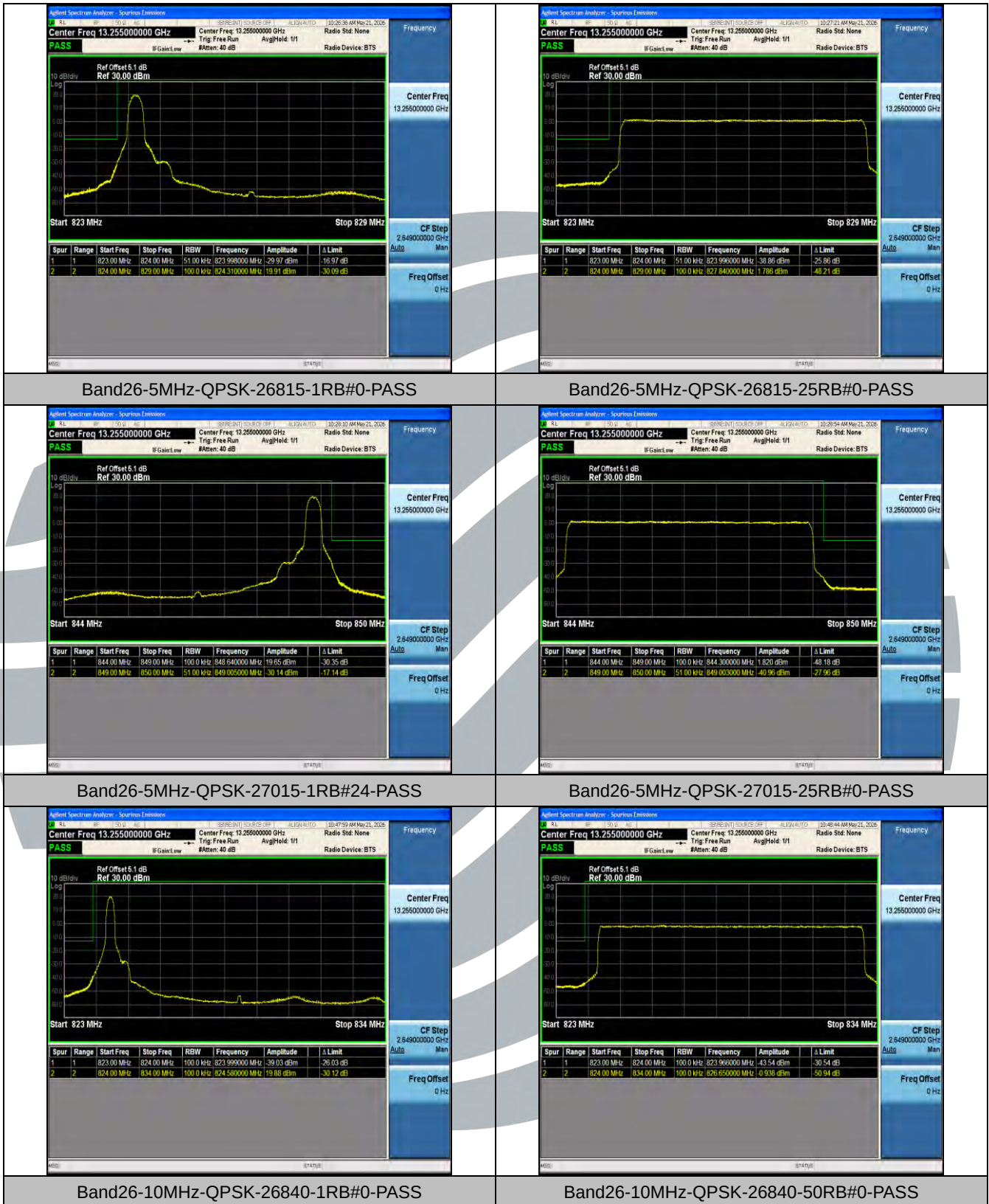
Test Result

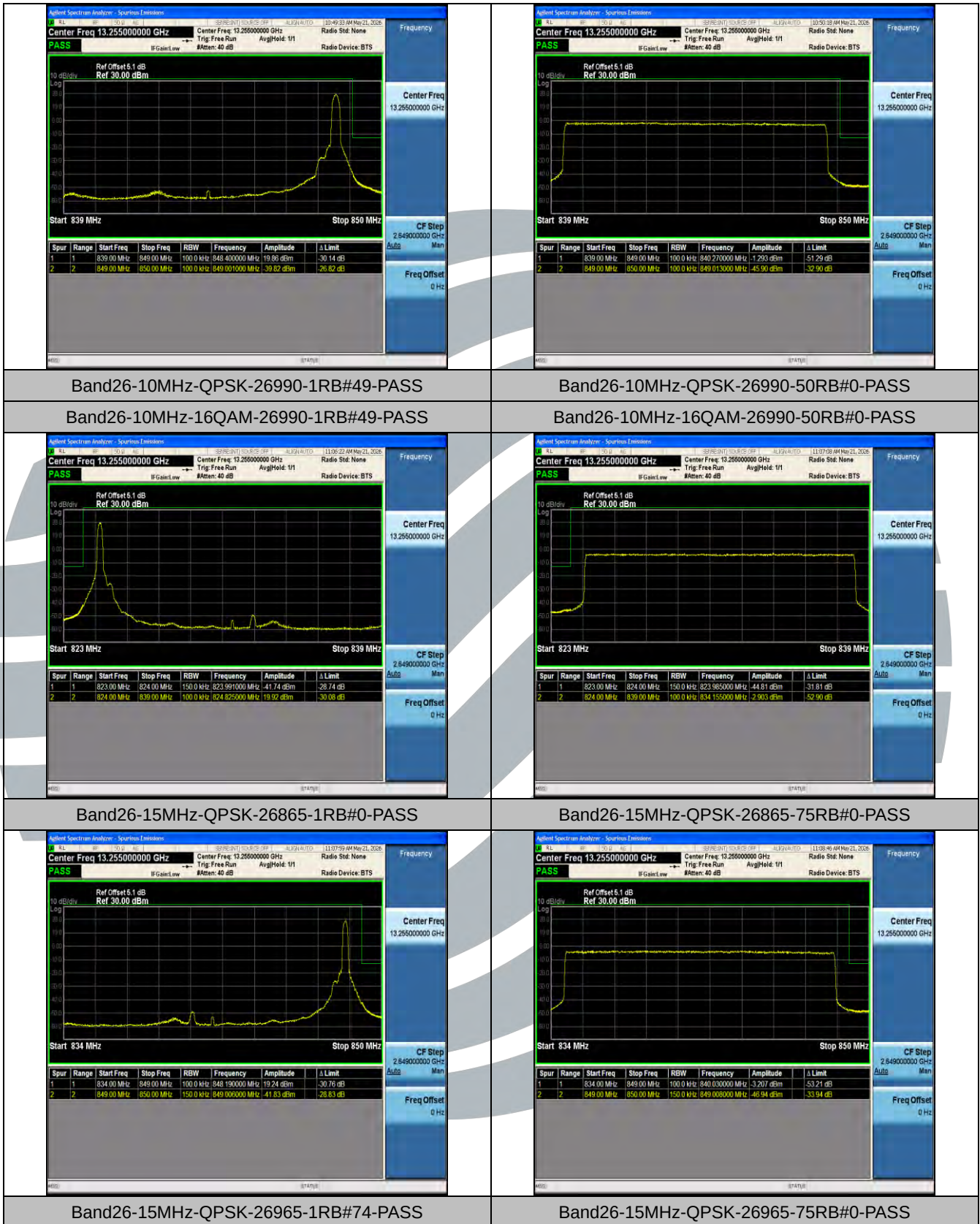
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Verdict
Band26	1.4MHz	QPSK	26797	1RB#0	-44.66	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	-36.27	PASS
Band26	1.4MHz	QPSK	27033	1RB#5	-36.90	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	-37.01	PASS
Band26	3MHz	QPSK	26805	1RB#0	-23.90	PASS
Band26	3MHz	QPSK	26805	15RB#0	-34.54	PASS
Band26	3MHz	QPSK	27025	1RB#14	-25.57	PASS
Band26	3MHz	QPSK	27025	15RB#0	-36.04	PASS
Band26	5MHz	QPSK	26815	1RB#0	-29.97	PASS
Band26	5MHz	QPSK	26815	25RB#0	-38.86	PASS
Band26	5MHz	QPSK	27015	1RB#24	-30.14	PASS
Band26	5MHz	QPSK	27015	25RB#0	-40.96	PASS
Band26	10MHz	QPSK	26840	1RB#0	-39.03	PASS
Band26	10MHz	QPSK	26840	50RB#0	-43.54	PASS
Band26	10MHz	QPSK	26990	1RB#49	-39.82	PASS
Band26	10MHz	QPSK	26990	50RB#0	-45.90	PASS
Band26	15MHz	QPSK	26865	1RB#0	-41.74	PASS
Band26	15MHz	QPSK	26865	75RB#0	-44.81	PASS
Band26	15MHz	QPSK	26965	1RB#74	-41.83	PASS
Band26	15MHz	QPSK	26965	75RB#0	-46.94	PASS

Test Graphs







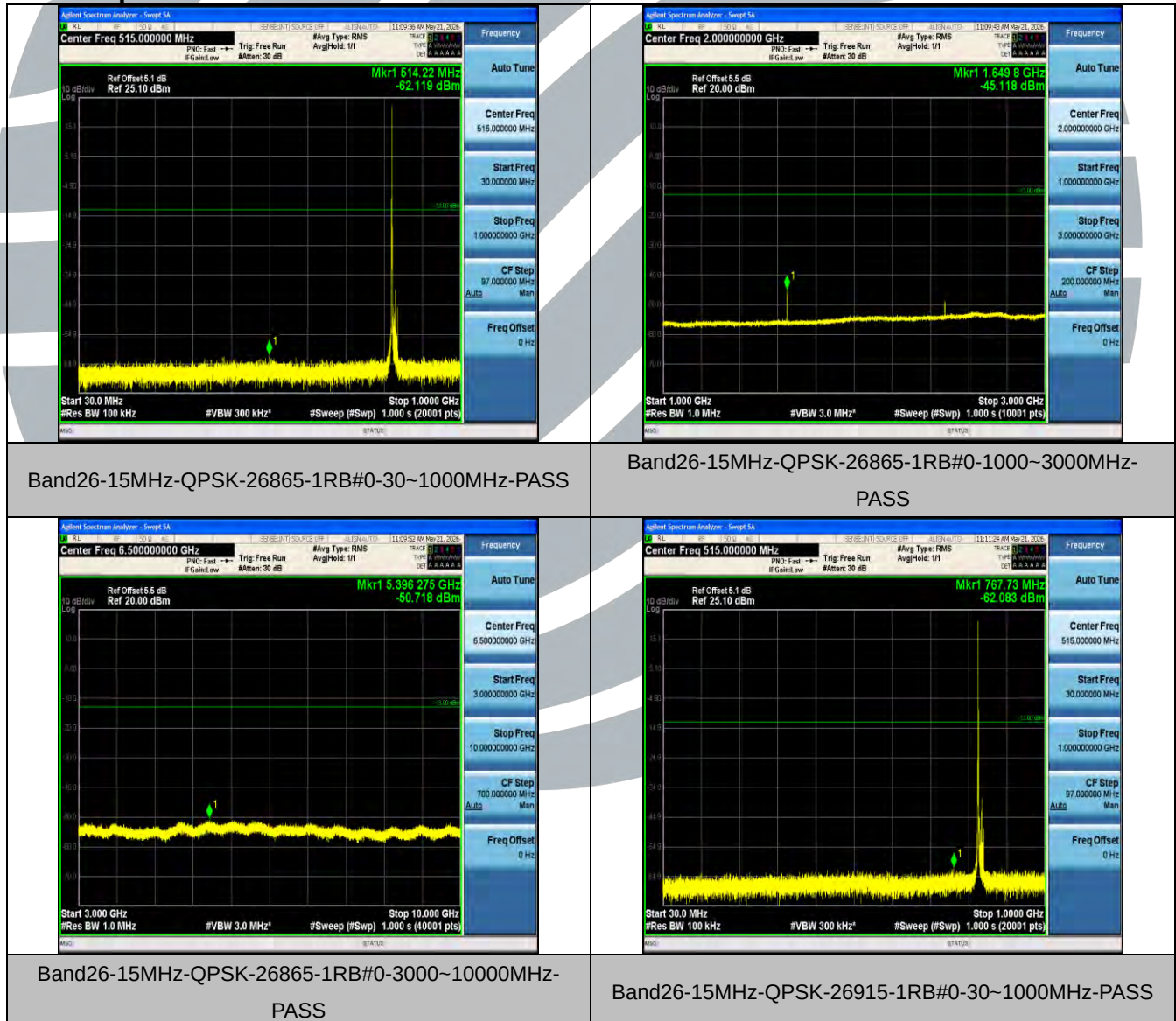


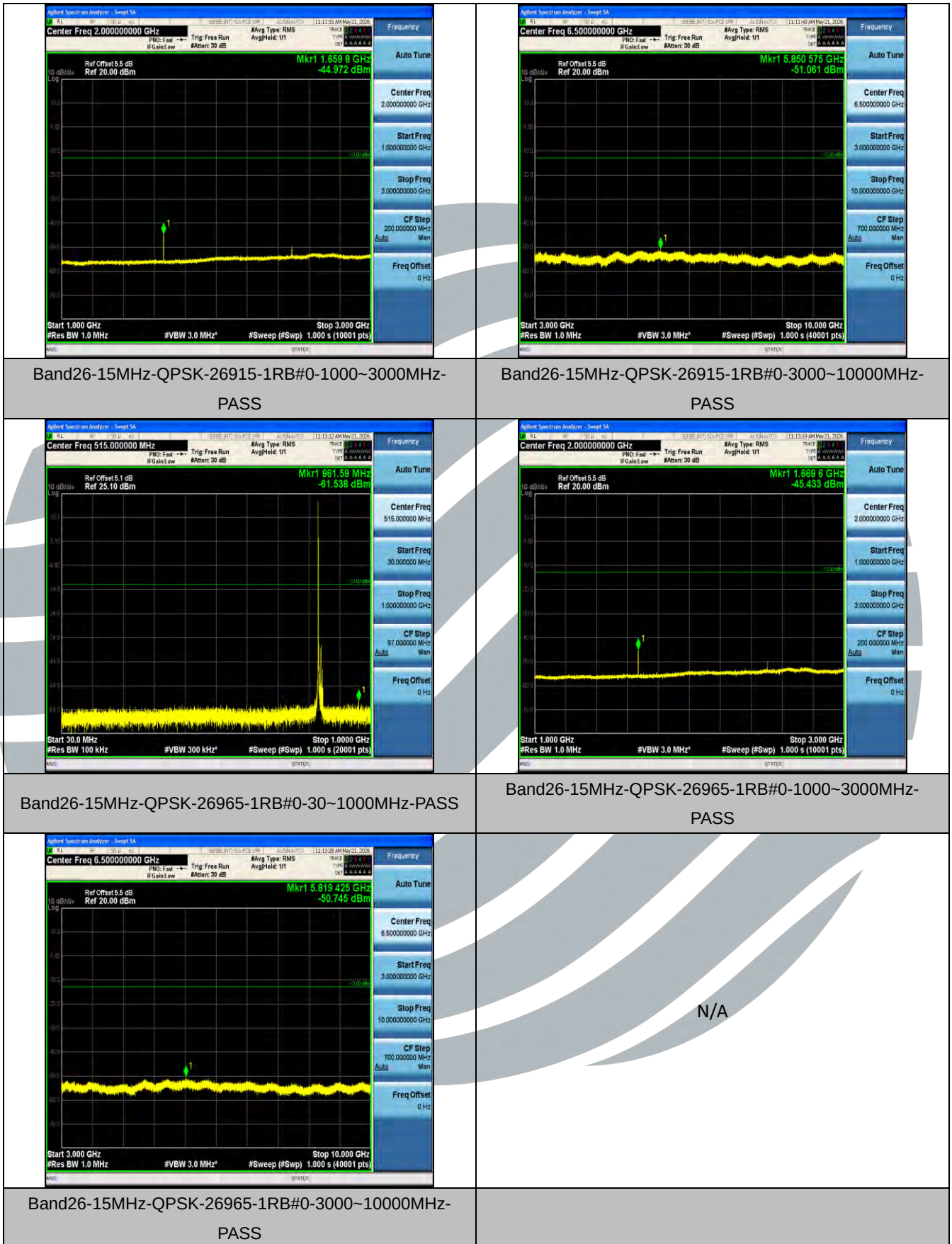
G.4 CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range (MHz)	Result (dBm)	Verdict
Band26	15MHz	QPSK	26865	1RB#0	30~1000	-62.12	PASS
Band26	15MHz	QPSK	26865	1RB#0	1000~3000	-45.12	PASS
Band26	15MHz	QPSK	26865	1RB#0	3000~10000	-50.72	PASS
Band26	15MHz	QPSK	26915	1RB#0	30~1000	-62.08	PASS
Band26	15MHz	QPSK	26915	1RB#0	1000~3000	-44.97	PASS
Band26	15MHz	QPSK	26915	1RB#0	3000~10000	-51.06	PASS
Band26	15MHz	QPSK	26965	1RB#0	30~1000	-61.54	PASS
Band26	15MHz	QPSK	26965	1RB#0	1000~3000	-45.43	PASS
Band26	15MHz	QPSK	26965	1RB#0	3000~10000	-50.75	PASS

Test Graphs







G.5 FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temp. (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	15MHz	QPSK	26915	75RB#0	VN	NT	-2.86	-0.003419	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VL	NT	-3.82	-0.004567	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VH	NT	-2.63	-0.003144	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temp. (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	15MHz	QPSK	26915	75RB#0	NV	-30	-3.66	-0.004375	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	-20	-3.49	-0.004172	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	-10	-3.00	-0.003586	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	0	-2.09	-0.002499	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	10	-3.78	-0.004519	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	20	-2.37	-0.002833	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	30	-2.62	-0.003132	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	40	-1.83	-0.002188	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	50	-2.86	-0.003419	±2.5	PASS