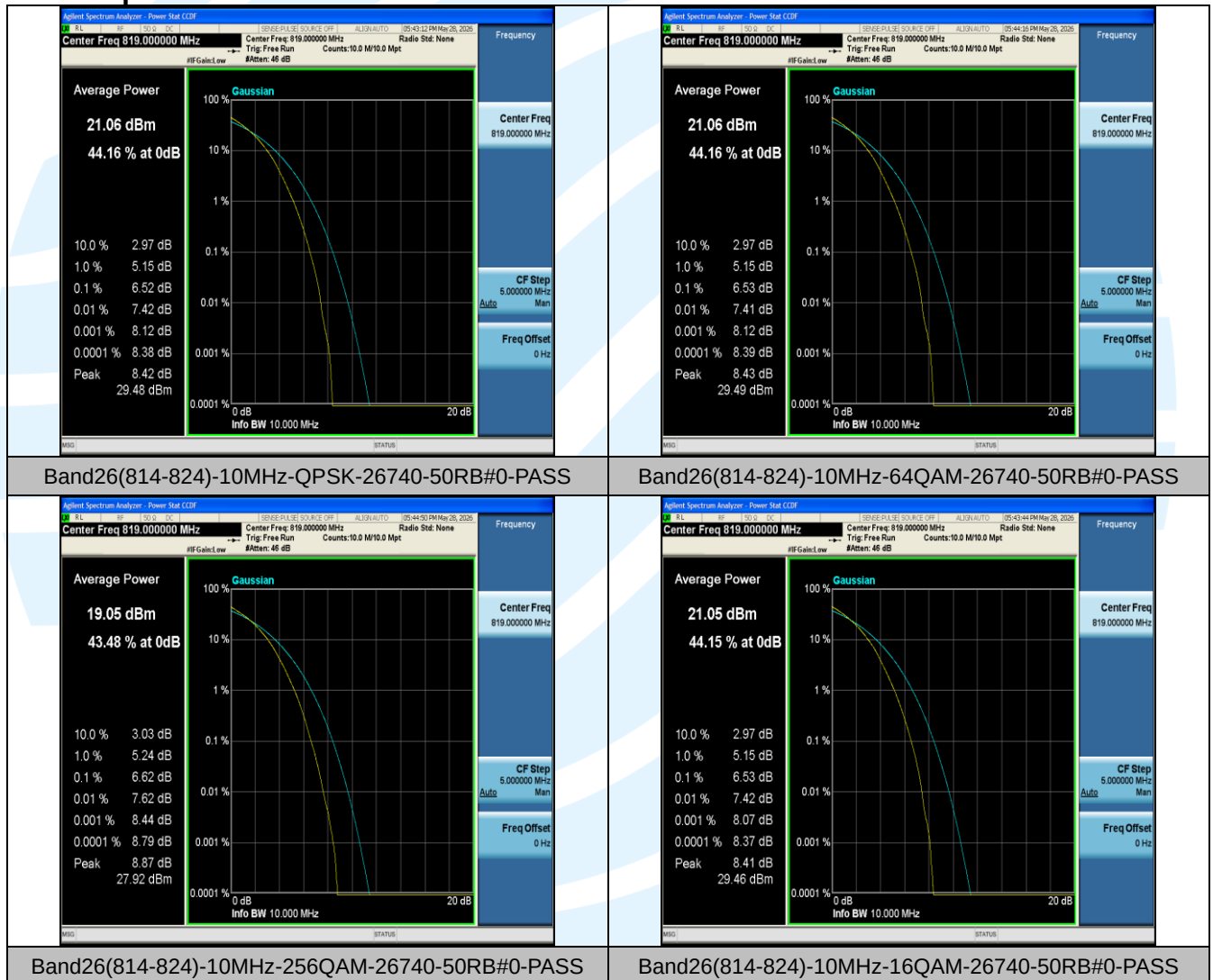


APPENDIX F LTE BAND 26(814-824MHZ) RF TEST DATA F.1PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	6.52	13	PASS
Band26	10MHz	64QAM	26740	50RB#0	6.53	13	PASS
Band26	10MHz	256QAM	26740	50RB#0	6.62	13	PASS
Band26	10MHz	16QAM	26740	50RB#0	6.53	13	PASS

Test Graphs

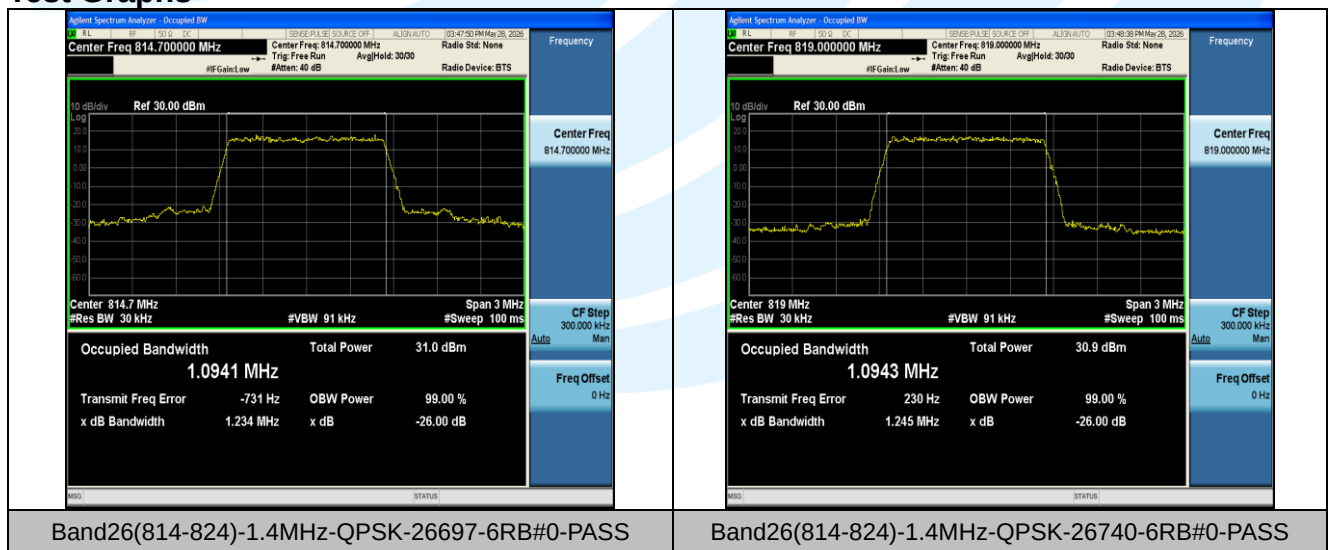


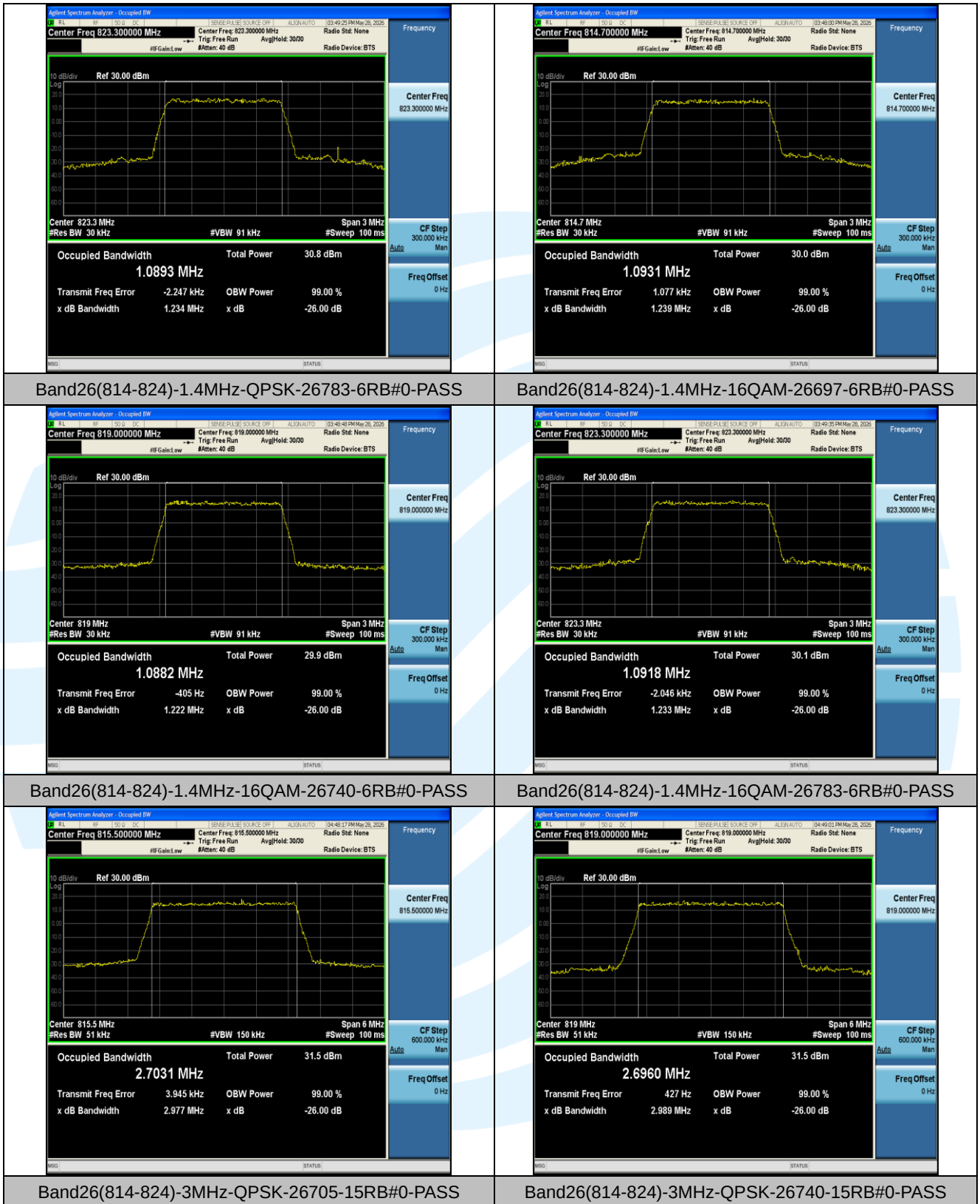
F.226DB BANDWIDTH AND OCCUPIED BANDWIDTH

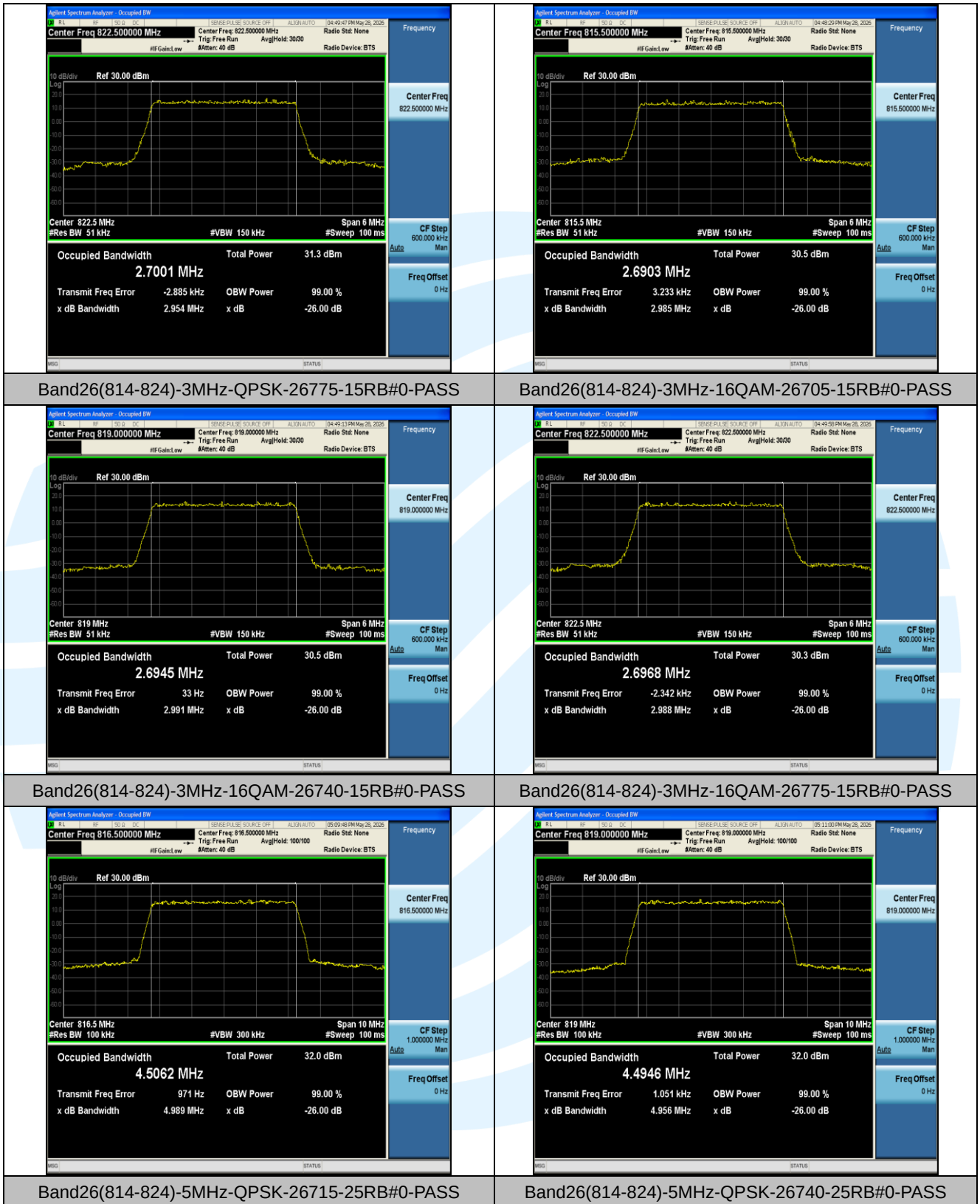
Test Result

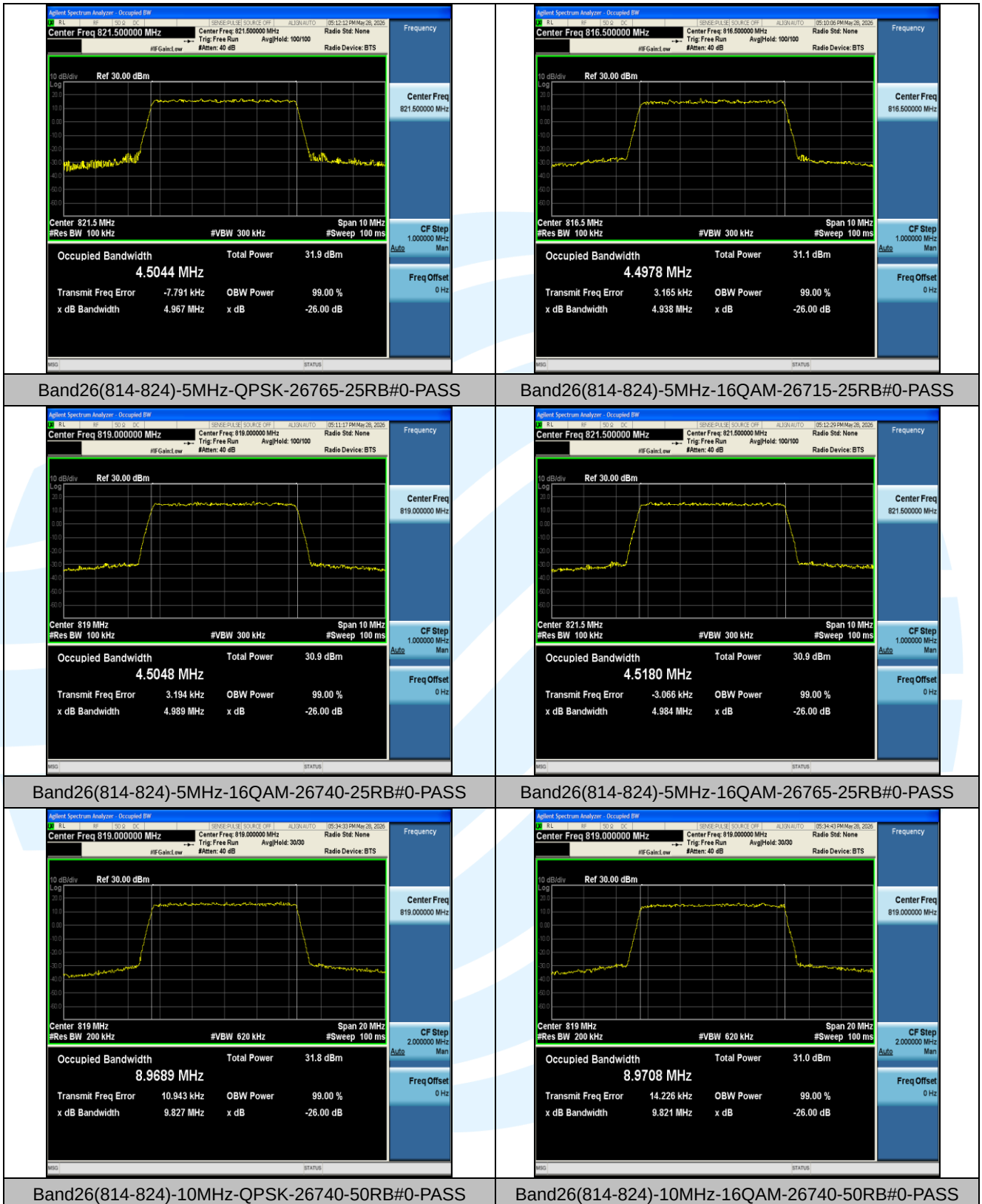
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	1.0941	1.234	PASS
Band26(814-824)	1.4MHz	QPSK	26740	6RB#0	1.0943	1.245	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	1.0893	1.234	PASS
Band26(814-824)	1.4MHz	16QAM	26697	6RB#0	1.0931	1.239	PASS
Band26(814-824)	1.4MHz	16QAM	26740	6RB#0	1.0882	1.222	PASS
Band26(814-824)	1.4MHz	16QAM	26783	6RB#0	1.0918	1.233	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	2.7031	2.977	PASS
Band26(814-824)	3MHz	QPSK	26740	15RB#0	2.6960	2.989	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	2.7001	2.954	PASS
Band26(814-824)	3MHz	16QAM	26705	15RB#0	2.6903	2.985	PASS
Band26(814-824)	3MHz	16QAM	26740	15RB#0	2.6945	2.991	PASS
Band26(814-824)	3MHz	16QAM	26775	15RB#0	2.6968	2.988	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	4.5062	4.989	PASS
Band26(814-824)	5MHz	QPSK	26740	25RB#0	4.4946	4.956	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	4.5044	4.967	PASS
Band26(814-824)	5MHz	16QAM	26715	25RB#0	4.4978	4.938	PASS
Band26(814-824)	5MHz	16QAM	26740	25RB#0	4.5048	4.989	PASS
Band26(814-824)	5MHz	16QAM	26765	25RB#0	4.5180	4.984	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	8.9689	9.827	PASS
Band26(814-824)	10MHz	16QAM	26740	50RB#0	8.9708	9.821	PASS

Test Graphs





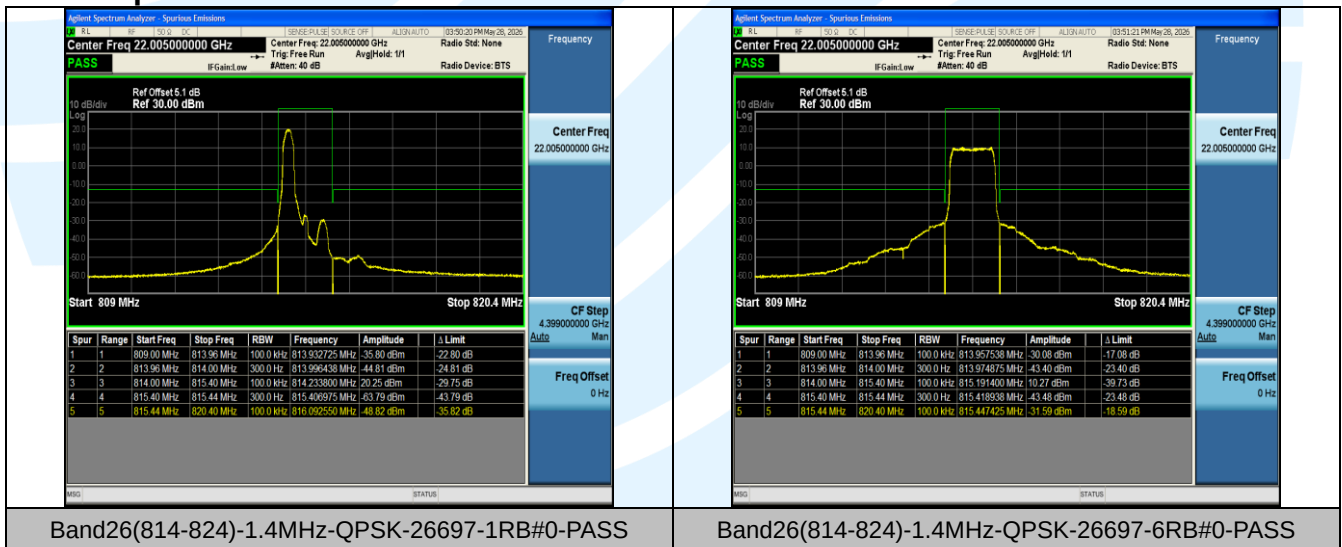


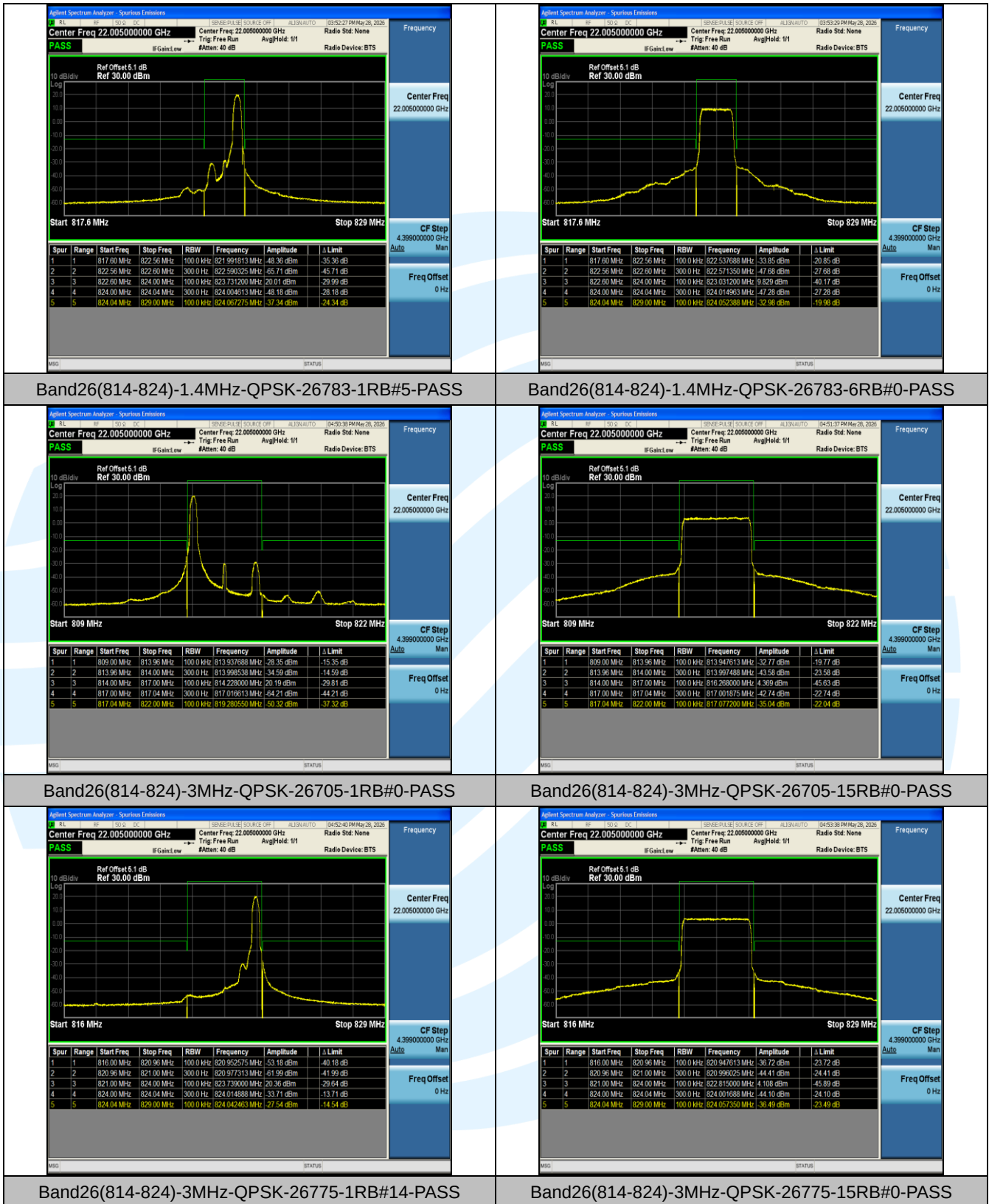


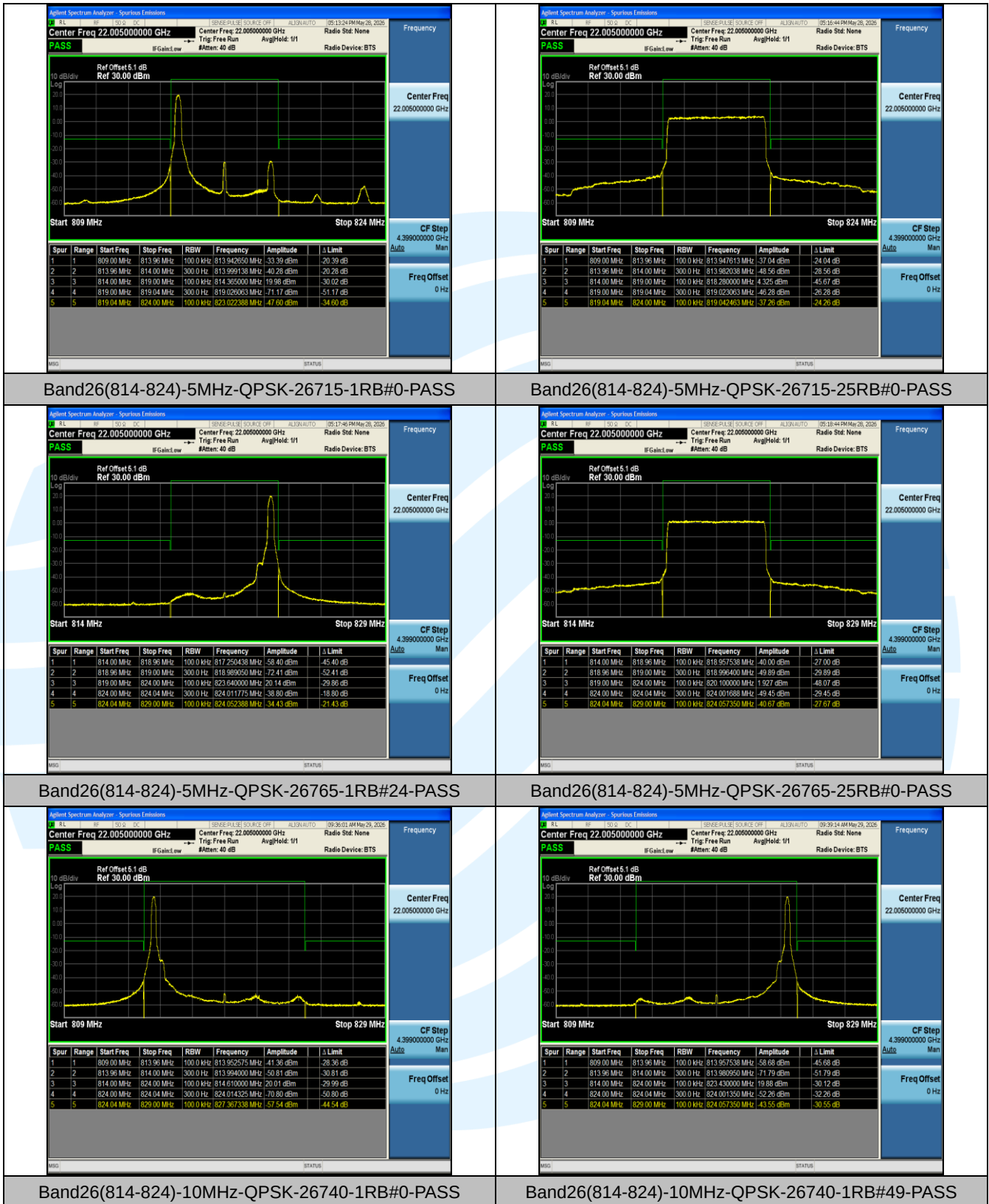
F.3BAND EDGE Test Result

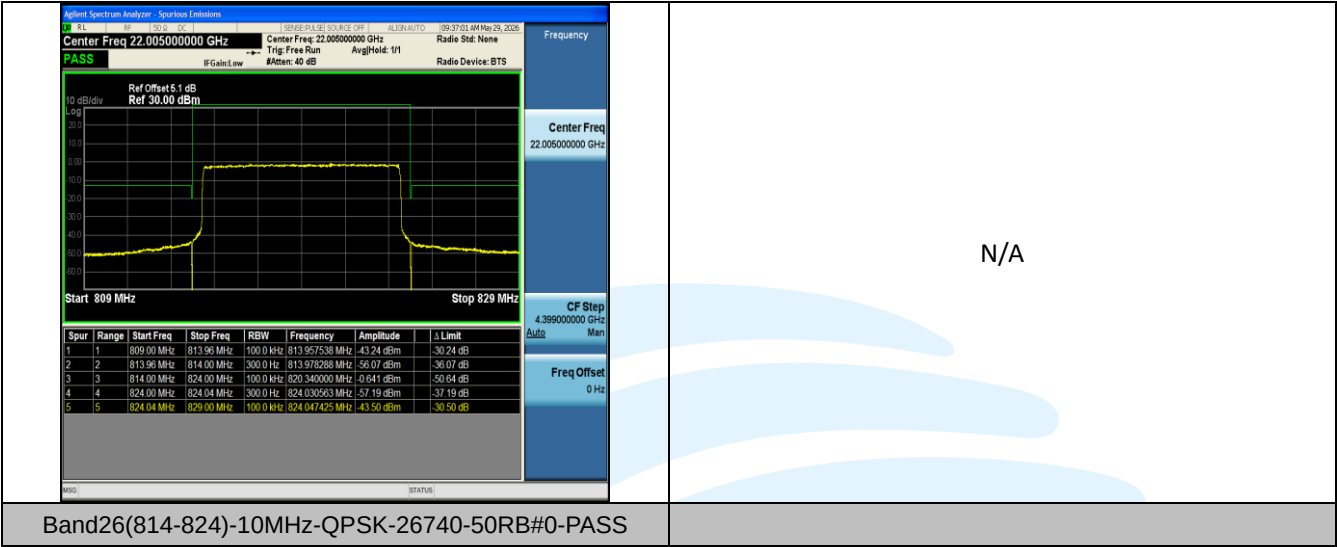
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Verdict
Band26(814-824)	1.4MHz	QPSK	26697	1RB#0	-35.80	PASS
Band26(814-824)	1.4MHz	QPSK	26697	6RB#0	-30.08	PASS
Band26(814-824)	1.4MHz	QPSK	26783	1RB#5	-37.34	PASS
Band26(814-824)	1.4MHz	QPSK	26783	6RB#0	-32.98	PASS
Band26(814-824)	3MHz	QPSK	26705	1RB#0	-34.59	PASS
Band26(814-824)	3MHz	QPSK	26705	15RB#0	-32.77	PASS
Band26(814-824)	3MHz	QPSK	26775	1RB#14	-33.71	PASS
Band26(814-824)	3MHz	QPSK	26775	15RB#0	-36.49	PASS
Band26(814-824)	5MHz	QPSK	26715	1RB#0	-40.28	PASS
Band26(814-824)	5MHz	QPSK	26715	25RB#0	-37.04	PASS
Band26(814-824)	5MHz	QPSK	26765	1RB#24	-38.80	PASS
Band26(814-824)	5MHz	QPSK	26765	25RB#0	-40.00	PASS
Band26(814-824)	10MHz	QPSK	26740	1RB#0	-41.36	PASS
Band26(814-824)	10MHz	QPSK	26740	1RB#49	-43.55	PASS
Band26(814-824)	10MHz	QPSK	26740	50RB#0	-43.24	PASS

Test Graphs







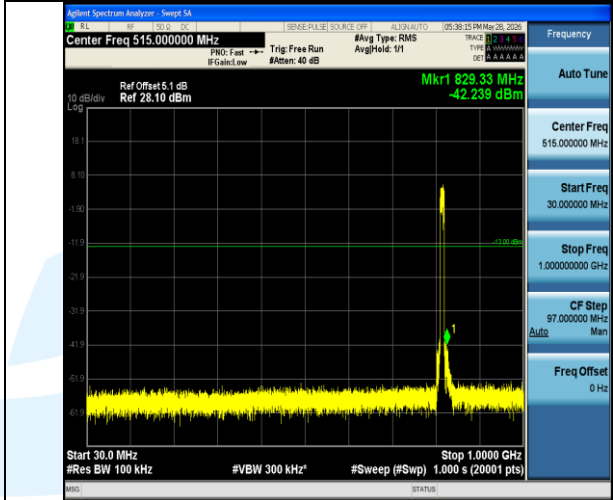
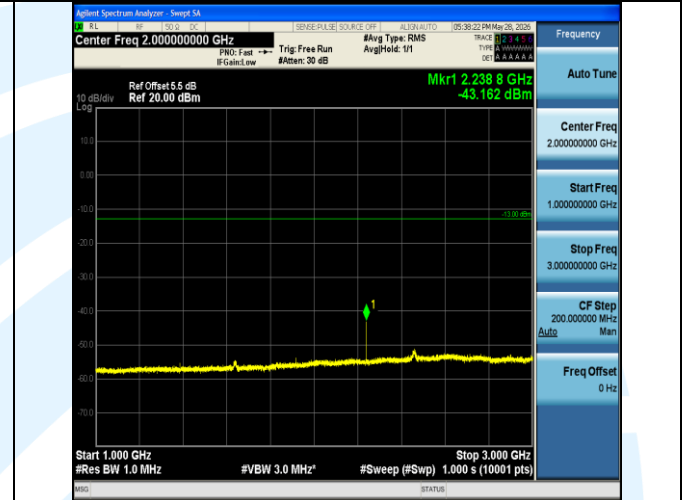
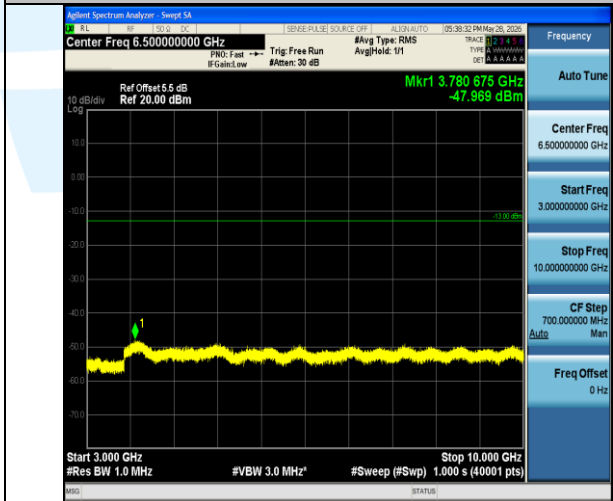


F.4 CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range (MHz)	Result (dBm)	Verdict
Band26(814-824)	10MHz	QPSK	26740	1RB#0	30~1000	-42.24	PASS
Band26(814-824)	10MHz	QPSK	26740	1RB#0	1000~3000	-43.16	PASS
Band26(814-824)	10MHz	QPSK	26740	1RB#0	3000~10000	-47.97	PASS

Test Graphs

	
Band26(814-824)-10MHz-QPSK-26740-1RB#0-30~1000MHz-PASS	Band26(814-824)-10MHz-QPSK-26740-1RB#0-1000~3000MHz-PASS
	N/A
Band26(814-824)-10MHz-QPSK-26740-1RB#0-3000~10000MHz-PASS	

F.5 FREQUENCY STABILITY

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage					
					Voltage [Vdc]	Temp. (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	VN	NT	1.86	0.002271	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VL	NT	3.22	0.003932	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VH	NT	2.27	0.002772	±2.5	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Temperature					
					Voltage [Vdc]	Temp. (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	NV	-30	2.70	0.003297	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-20	2.33	0.002845	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-10	-2.17	-0.002650	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	0	2.16	0.002637	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	10	-1.30	-0.001587	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	20	-1.75	-0.002137	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	30	-1.54	-0.001880	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	40	-2.30	-0.002808	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	50	2.45	0.002991	±2.5	PASS