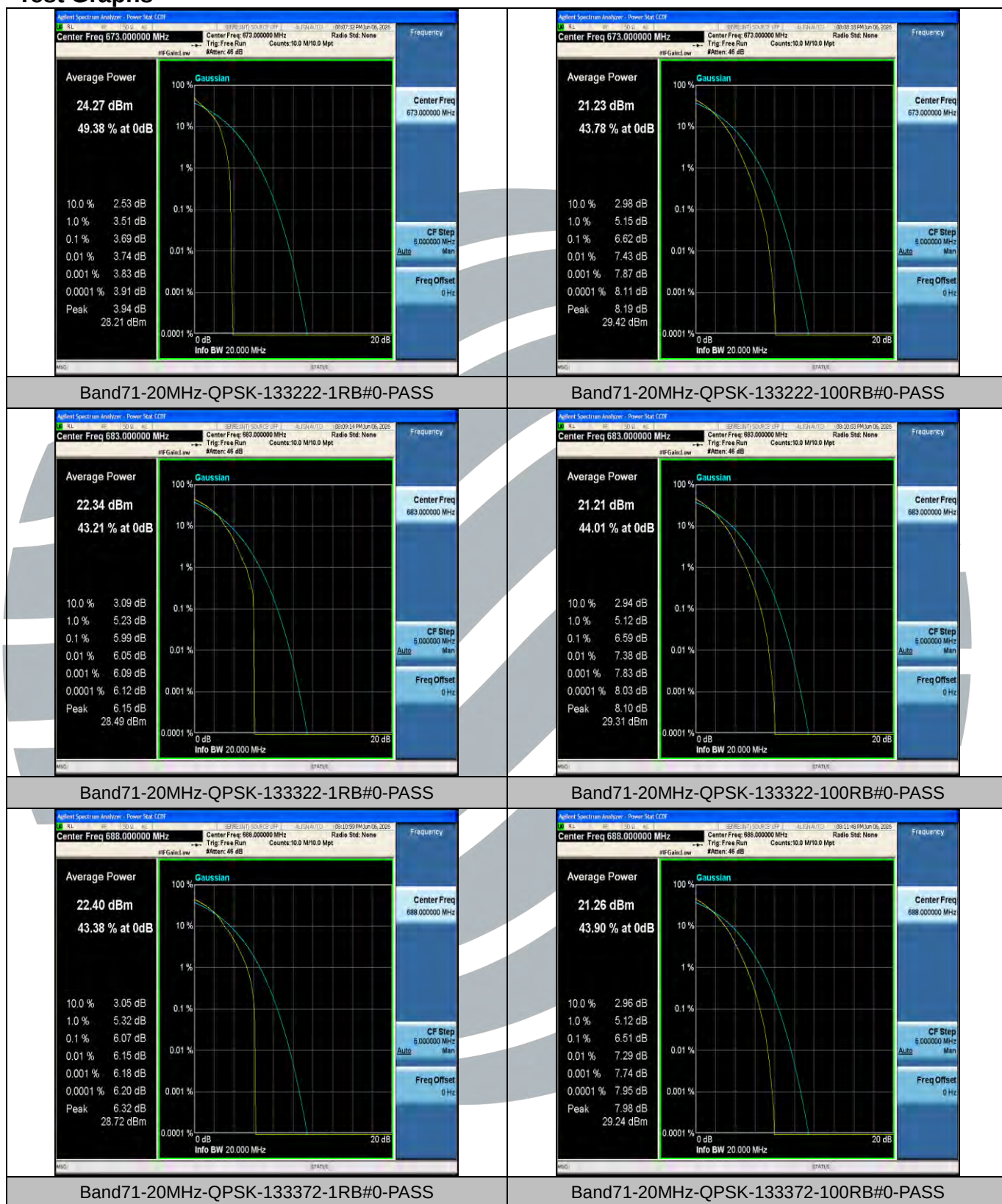
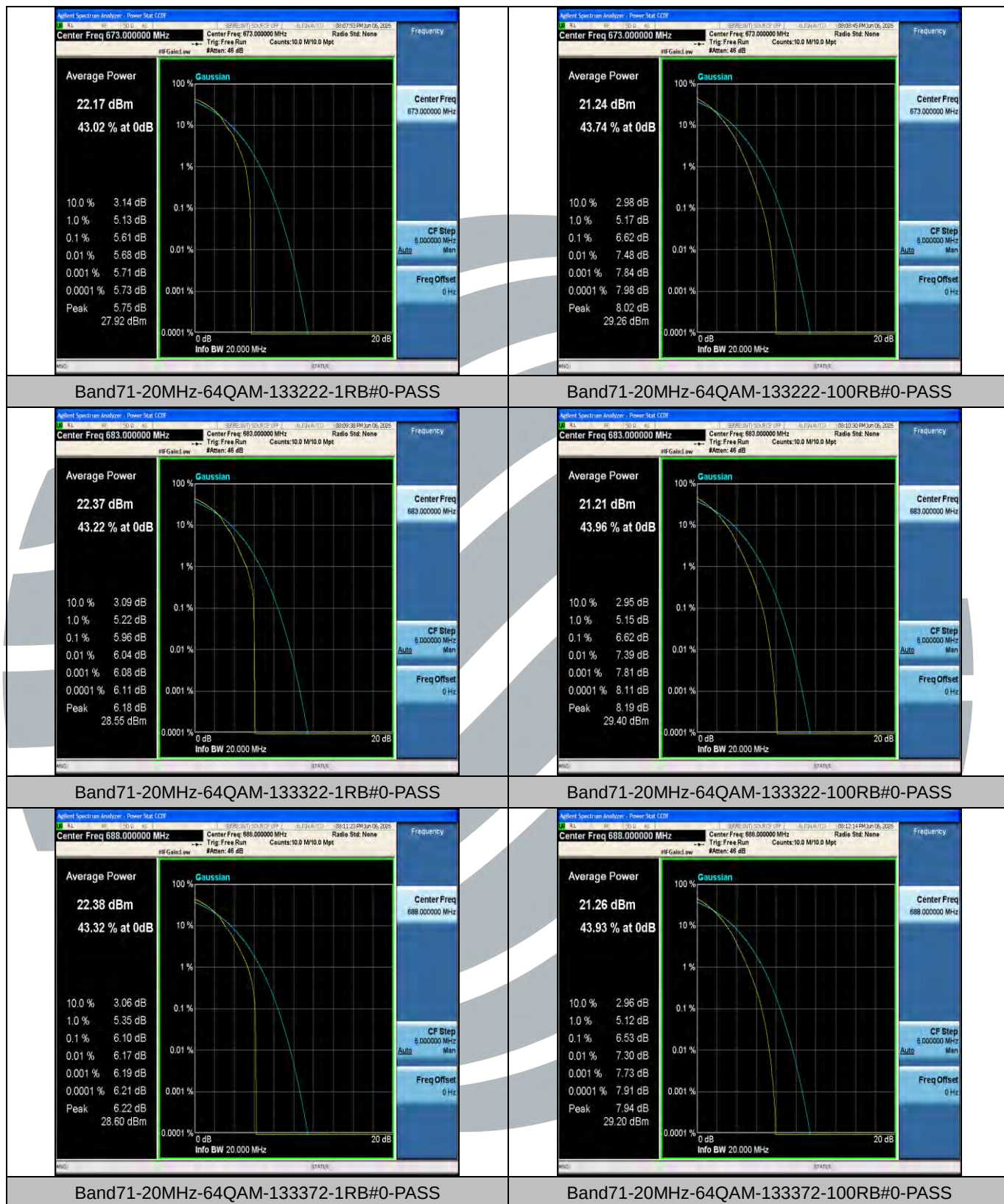


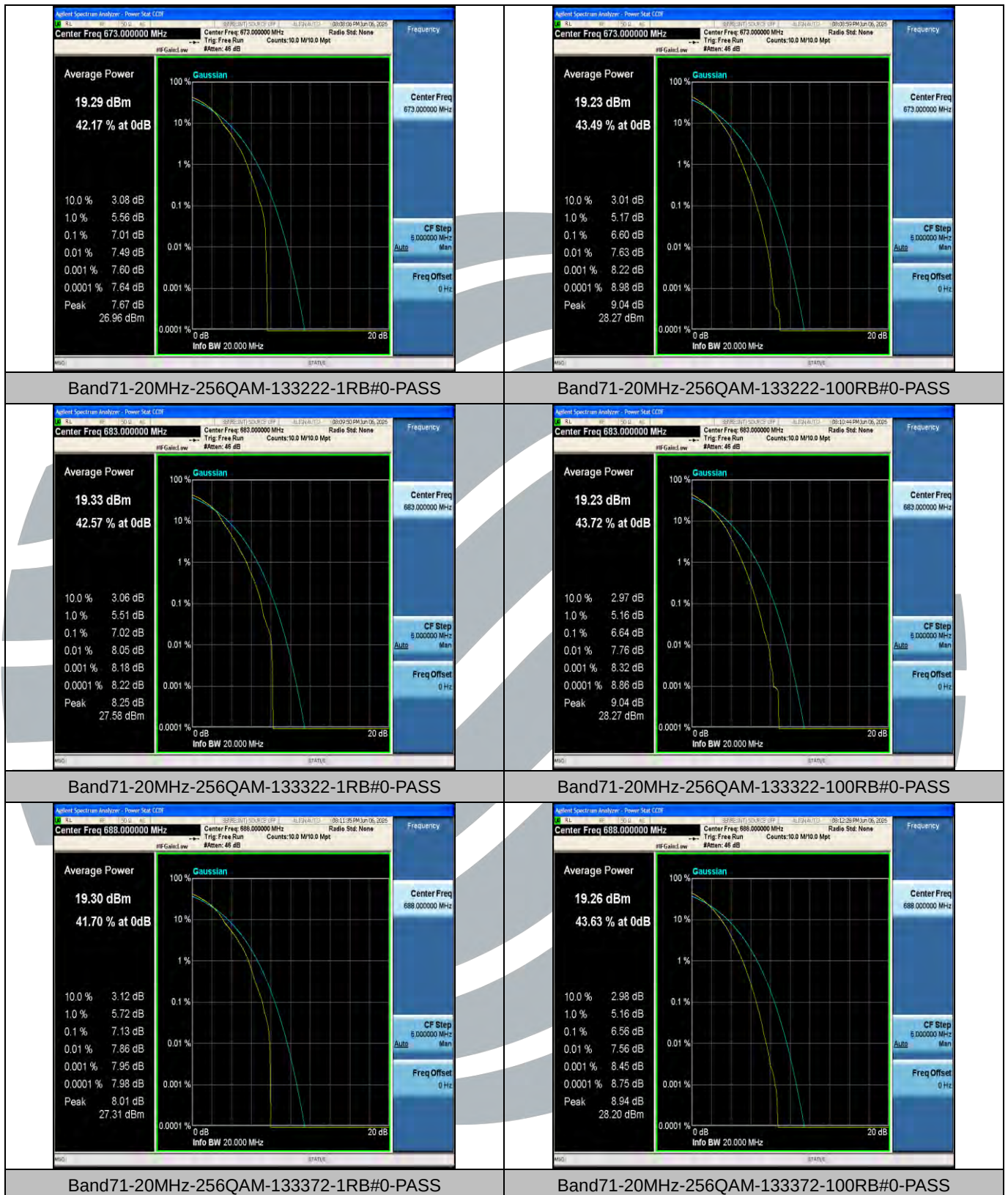
APPENDIX L LTE RF TEST DATA L.1PEAK-TO-AVERAGE RATIO(CCDF) Test Result

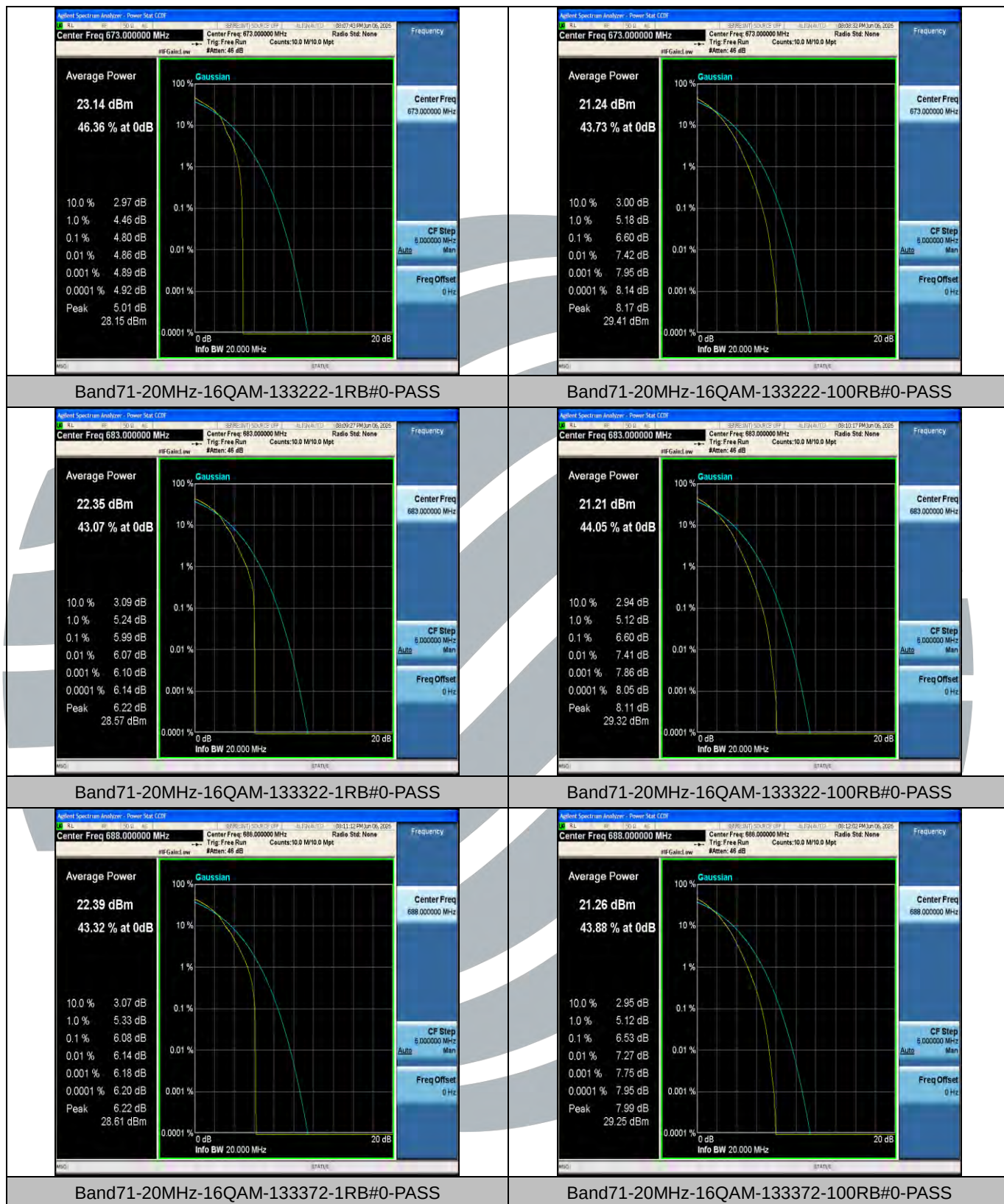
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band71	20MHz	QPSK	133222	1RB#0	3.69	13	PASS
Band71	20MHz	QPSK	133222	100RB#0	6.62	13	PASS
Band71	20MHz	QPSK	133322	1RB#0	5.99	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	6.59	13	PASS
Band71	20MHz	QPSK	133372	1RB#0	6.07	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	6.51	13	PASS
Band71	20MHz	64QAM	133222	1RB#0	5.61	13	PASS
Band71	20MHz	64QAM	133222	100RB#0	6.62	13	PASS
Band71	20MHz	64QAM	133322	1RB#0	5.96	13	PASS
Band71	20MHz	64QAM	133322	100RB#0	6.62	13	PASS
Band71	20MHz	64QAM	133372	1RB#0	6.10	13	PASS
Band71	20MHz	64QAM	133372	100RB#0	6.53	13	PASS
Band71	20MHz	256QAM	133222	1RB#0	7.01	13	PASS
Band71	20MHz	256QAM	133222	100RB#0	6.60	13	PASS
Band71	20MHz	256QAM	133322	1RB#0	7.02	13	PASS
Band71	20MHz	256QAM	133322	100RB#0	6.64	13	PASS
Band71	20MHz	256QAM	133372	1RB#0	7.13	13	PASS
Band71	20MHz	256QAM	133372	100RB#0	6.56	13	PASS
Band71	20MHz	16QAM	133222	1RB#0	4.80	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	6.60	13	PASS
Band71	20MHz	16QAM	133322	1RB#0	5.99	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	6.60	13	PASS
Band71	20MHz	16QAM	133372	1RB#0	6.08	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	6.53	13	PASS

Test Graphs







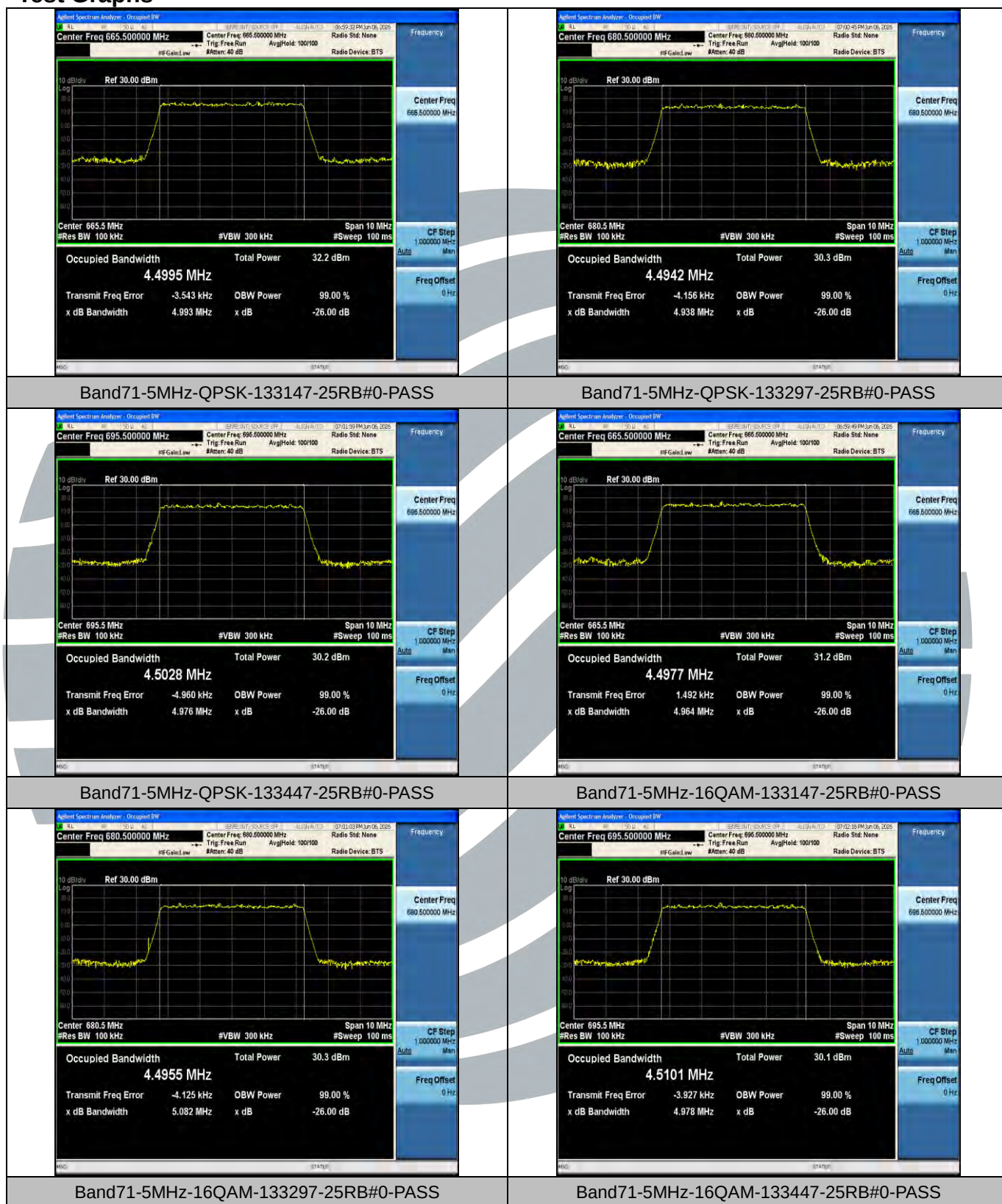


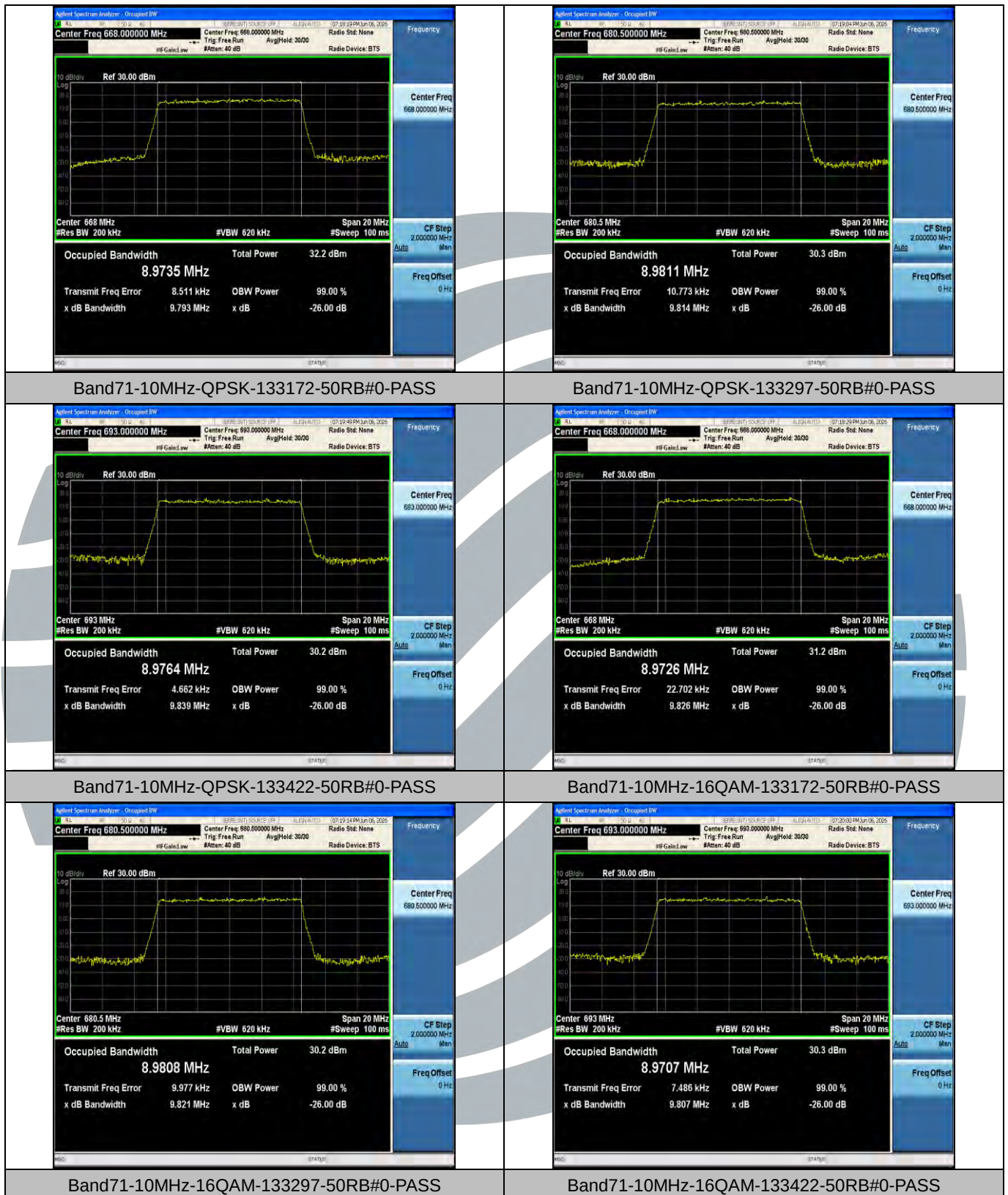
L.226DB BANDWIDTH AND OCCUPIED BANDWIDTH

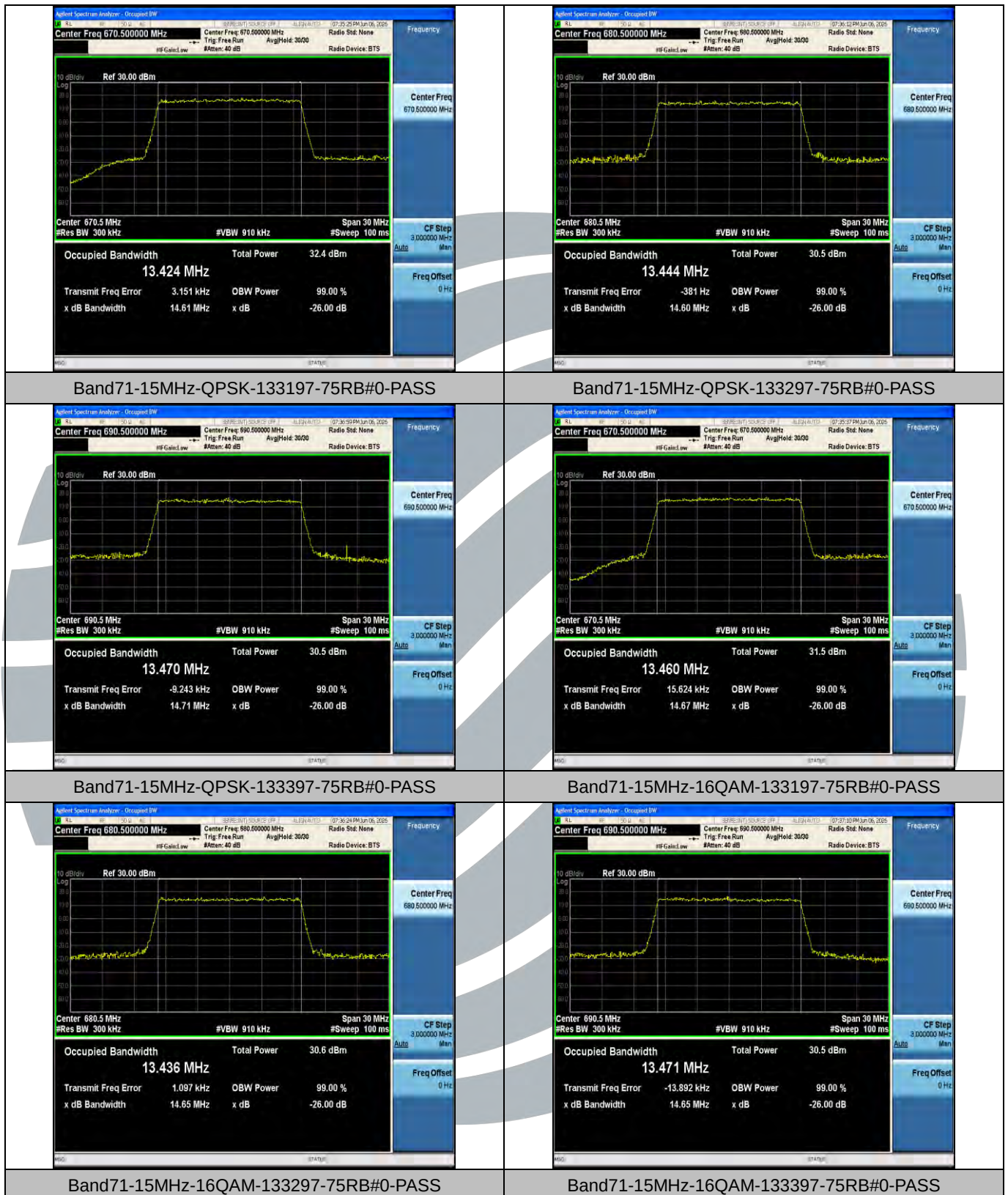
Test Result

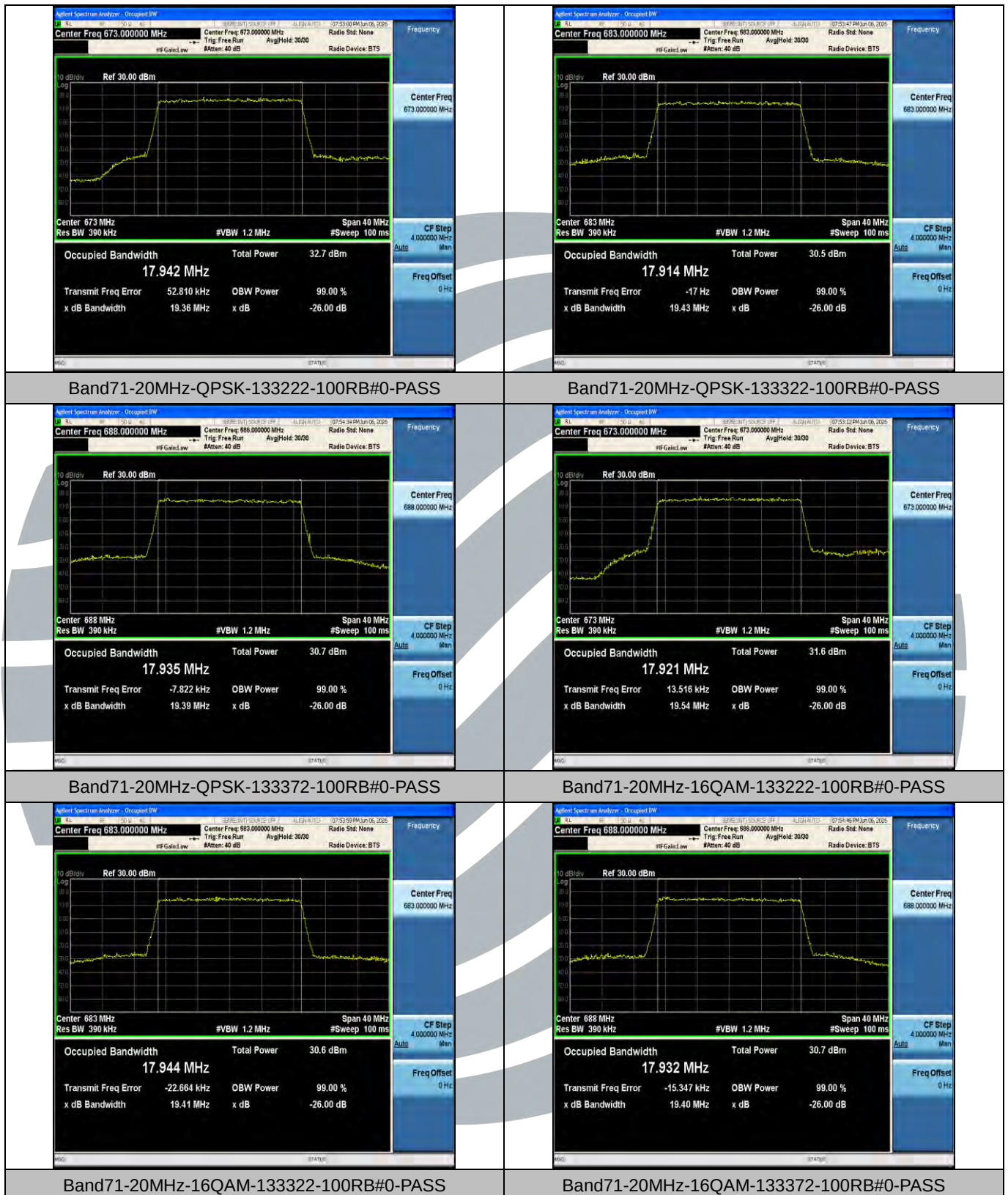
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band71	5MHz	QPSK	133147	25RB#0	4.4995	4.993	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.4942	4.938	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.5028	4.976	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.4977	4.964	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.4955	5.082	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.5101	4.978	PASS
Band71	10MHz	QPSK	133172	50RB#0	8.9735	9.793	PASS
Band71	10MHz	QPSK	133297	50RB#0	8.9811	9.814	PASS
Band71	10MHz	QPSK	133422	50RB#0	8.9764	9.839	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.9726	9.826	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.9808	9.821	PASS
Band71	10MHz	16QAM	133422	50RB#0	8.9707	9.807	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.424	14.61	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.444	14.60	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.470	14.71	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.460	14.67	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.436	14.65	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.471	14.65	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.942	19.36	PASS
Band71	20MHz	QPSK	133322	100RB#0	17.914	19.43	PASS
Band71	20MHz	QPSK	133372	100RB#0	17.935	19.39	PASS
Band71	20MHz	16QAM	133222	100RB#0	17.921	19.54	PASS
Band71	20MHz	16QAM	133322	100RB#0	17.944	19.41	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.932	19.40	PASS

Test Graphs





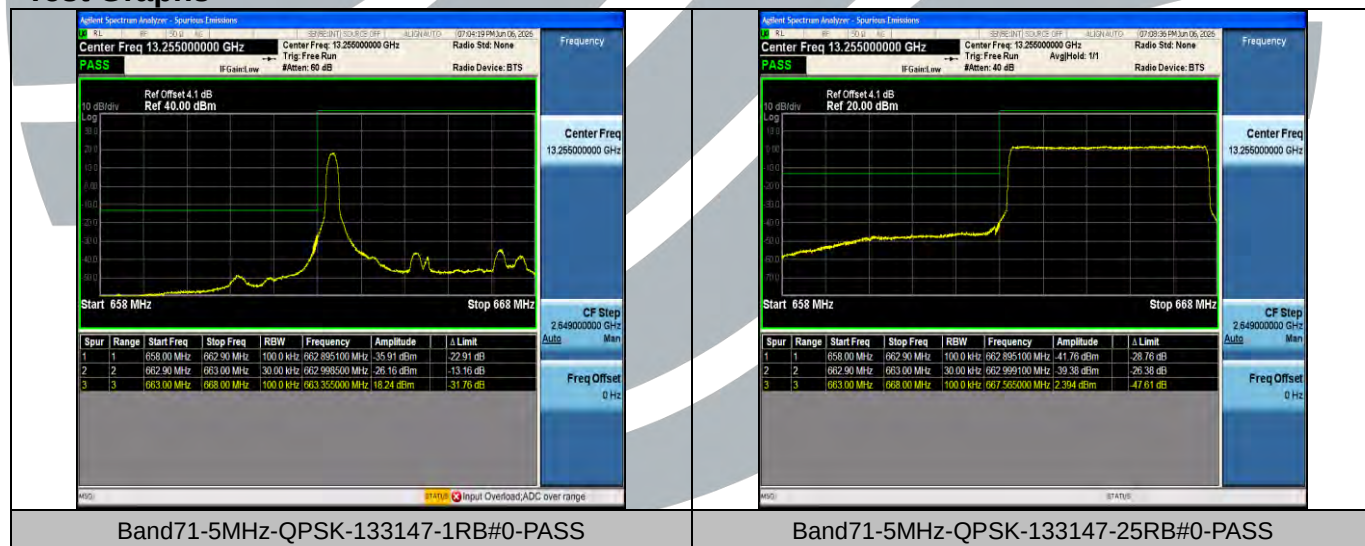


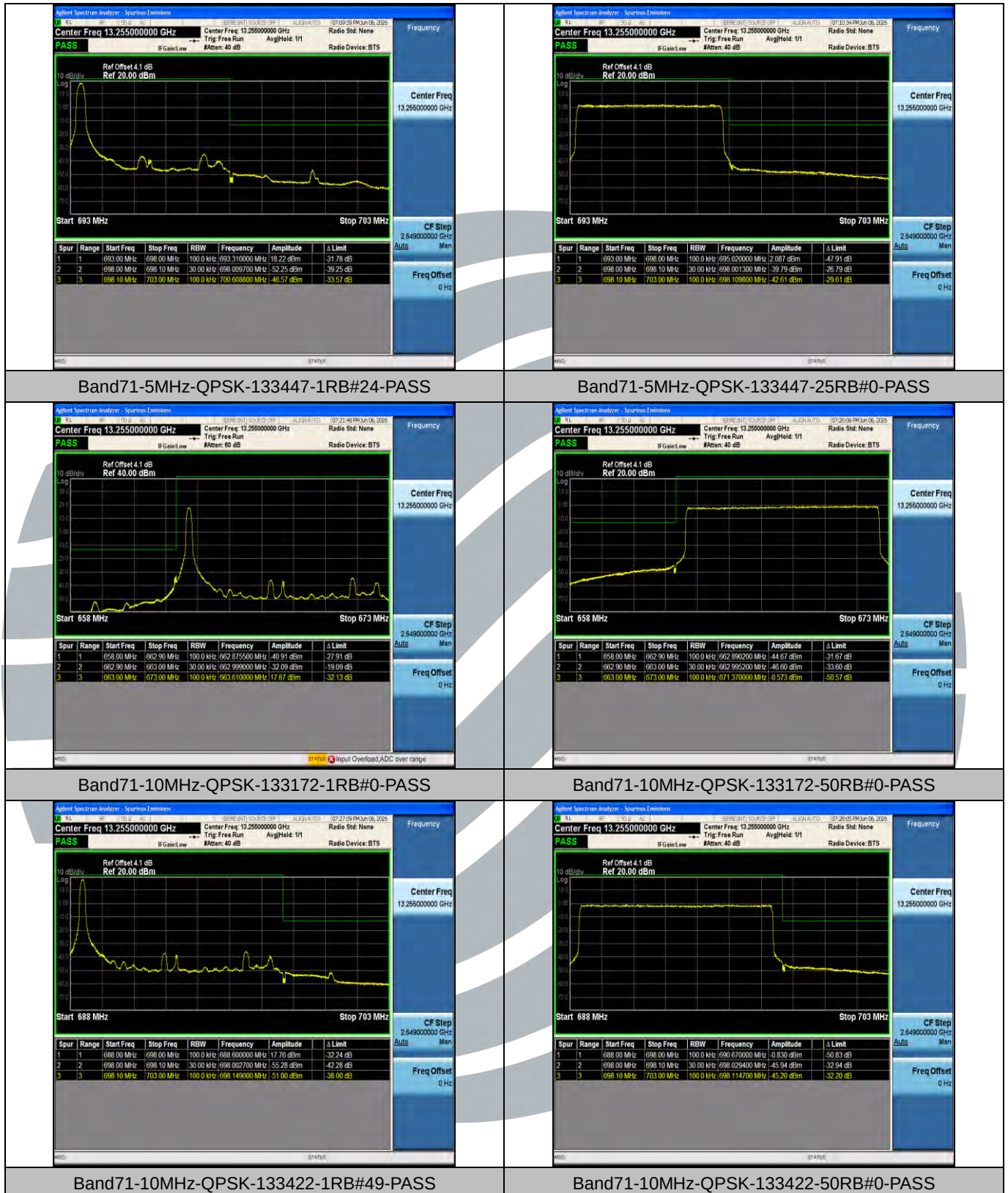


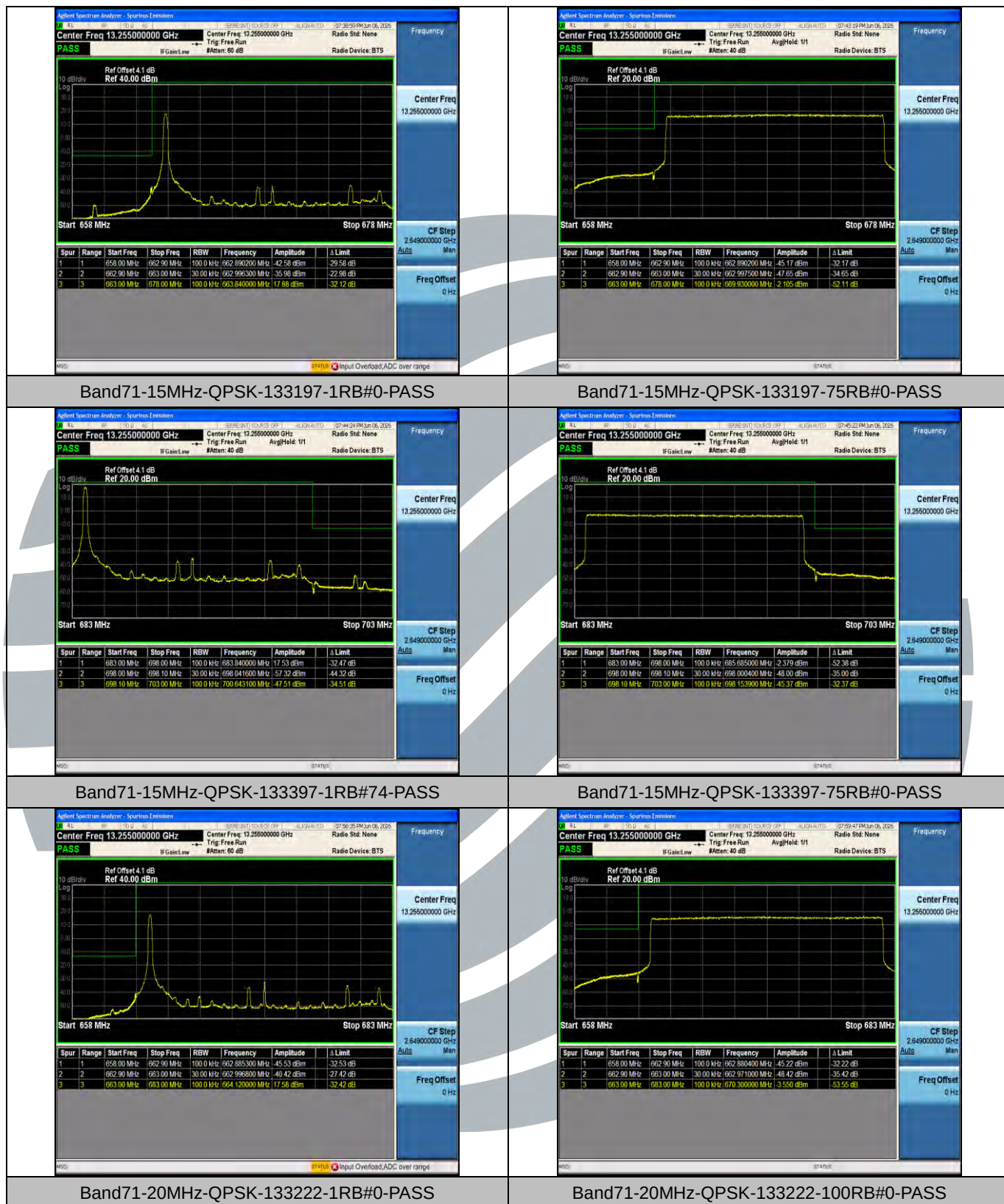
L3BAND EDGE Test Result

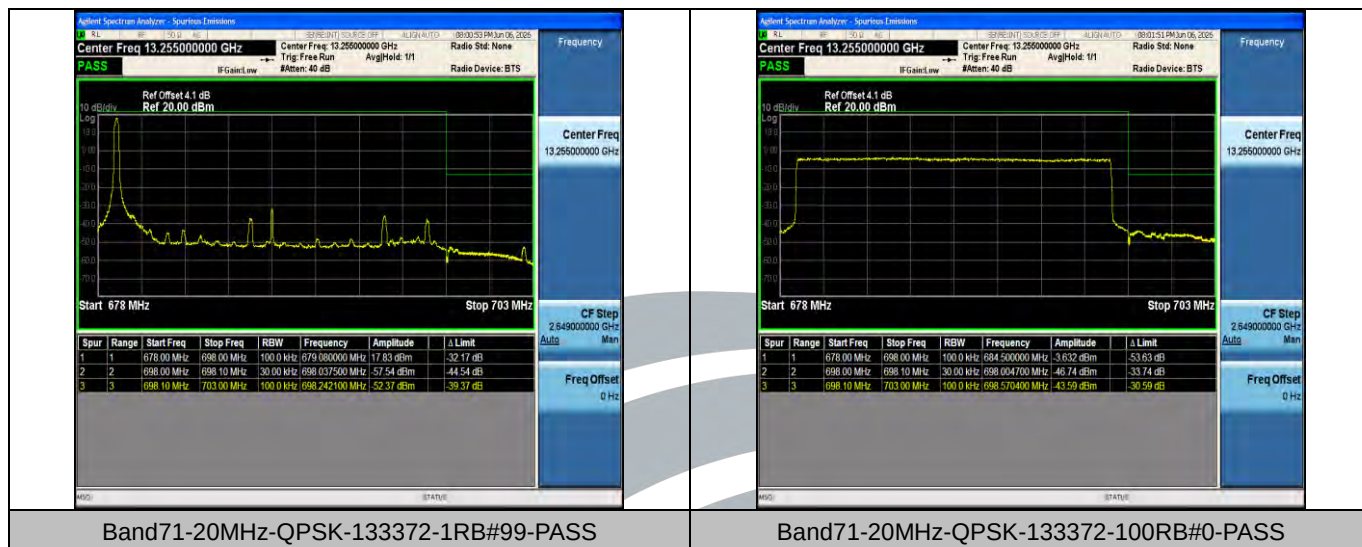
Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	-26.16	PASS
Band71	5MHz	QPSK	133147	25RB#0	-39.38	PASS
Band71	5MHz	QPSK	133447	1RB#24	-46.57	PASS
Band71	5MHz	QPSK	133447	25RB#0	-39.79	PASS
Band71	10MHz	QPSK	133172	1RB#0	-32.09	PASS
Band71	10MHz	QPSK	133172	50RB#0	-44.67	PASS
Band71	10MHz	QPSK	133422	1RB#49	-51.00	PASS
Band71	10MHz	QPSK	133422	50RB#0	-45.20	PASS
Band71	15MHz	QPSK	133197	1RB#0	-35.98	PASS
Band71	15MHz	QPSK	133197	75RB#0	-45.17	PASS
Band71	15MHz	QPSK	133397	1RB#74	-47.51	PASS
Band71	15MHz	QPSK	133397	75RB#0	-45.37	PASS
Band71	20MHz	QPSK	133222	1RB#0	-40.42	PASS
Band71	20MHz	QPSK	133222	100RB#0	-45.22	PASS
Band71	20MHz	QPSK	133372	1RB#99	-52.37	PASS
Band71	20MHz	QPSK	133372	100RB#0	-43.59	PASS

Test Graphs







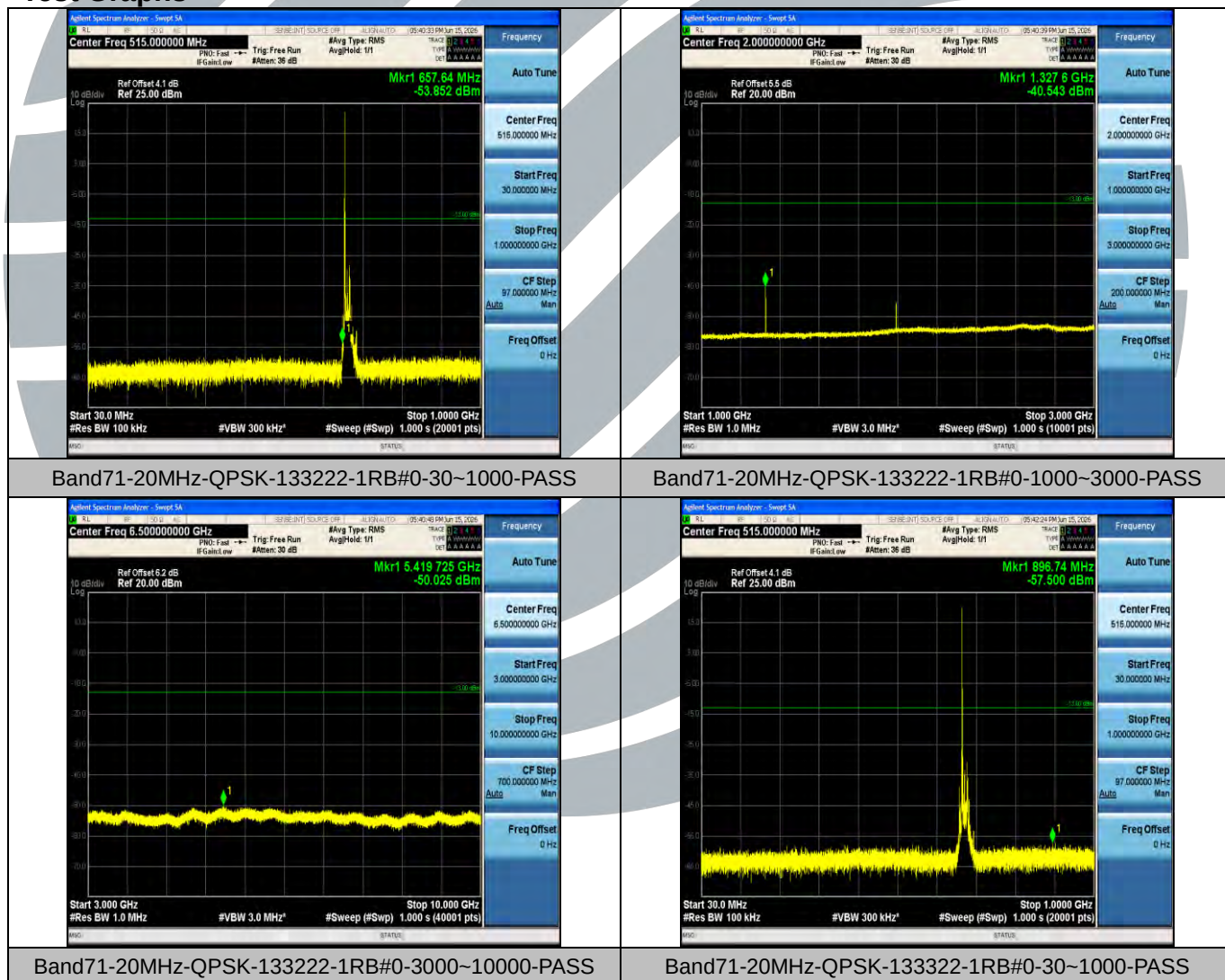


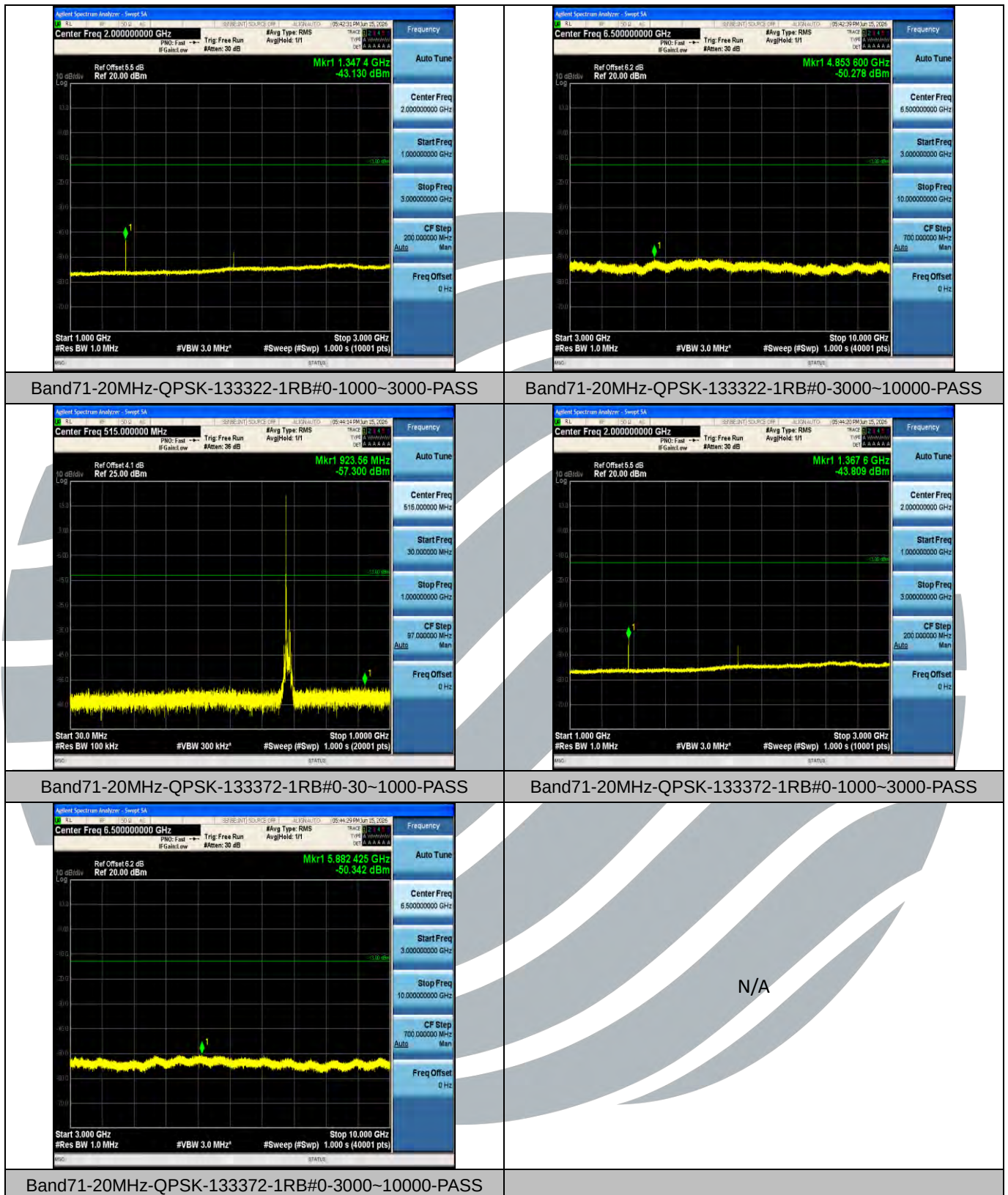
L4CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band71	20MHz	QPSK	133222	1RB#0	30~1000	-53.85	PASS
Band71	20MHz	QPSK	133222	1RB#0	1000~3000	-40.54	PASS
Band71	20MHz	QPSK	133222	1RB#0	3000~10000	-50.03	PASS
Band71	20MHz	QPSK	133322	1RB#0	30~1000	-57.50	PASS
Band71	20MHz	QPSK	133322	1RB#0	1000~3000	-43.13	PASS
Band71	20MHz	QPSK	133322	1RB#0	3000~10000	-50.28	PASS
Band71	20MHz	QPSK	133372	1RB#0	30~1000	-57.30	PASS
Band71	20MHz	QPSK	133372	1RB#0	1000~3000	-43.81	PASS
Band71	20MHz	QPSK	133372	1RB#0	3000~10000	-50.34	PASS

Test Graphs





L.5FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temp. (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band71	20MHz	QPSK	133322	100RB#0	VN	NT	-3.19	-0.004671	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	VL	NT	4.42	0.006471	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	VH	NT	2.99	0.004378	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temp. (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band71	20MHz	QPSK	133322	100RB#0	NV	-30	-4.01	-0.005871	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-20	-2.30	-0.003367	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-10	-3.55	-0.005198	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	0	-4.12	-0.006032	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	10	-5.06	-0.007408	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	20	-2.45	-0.003587	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	30	2.43	0.003558	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	40	-4.16	-0.006091	±2.5	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	50	-3.46	-0.005066	±2.5	PASS