

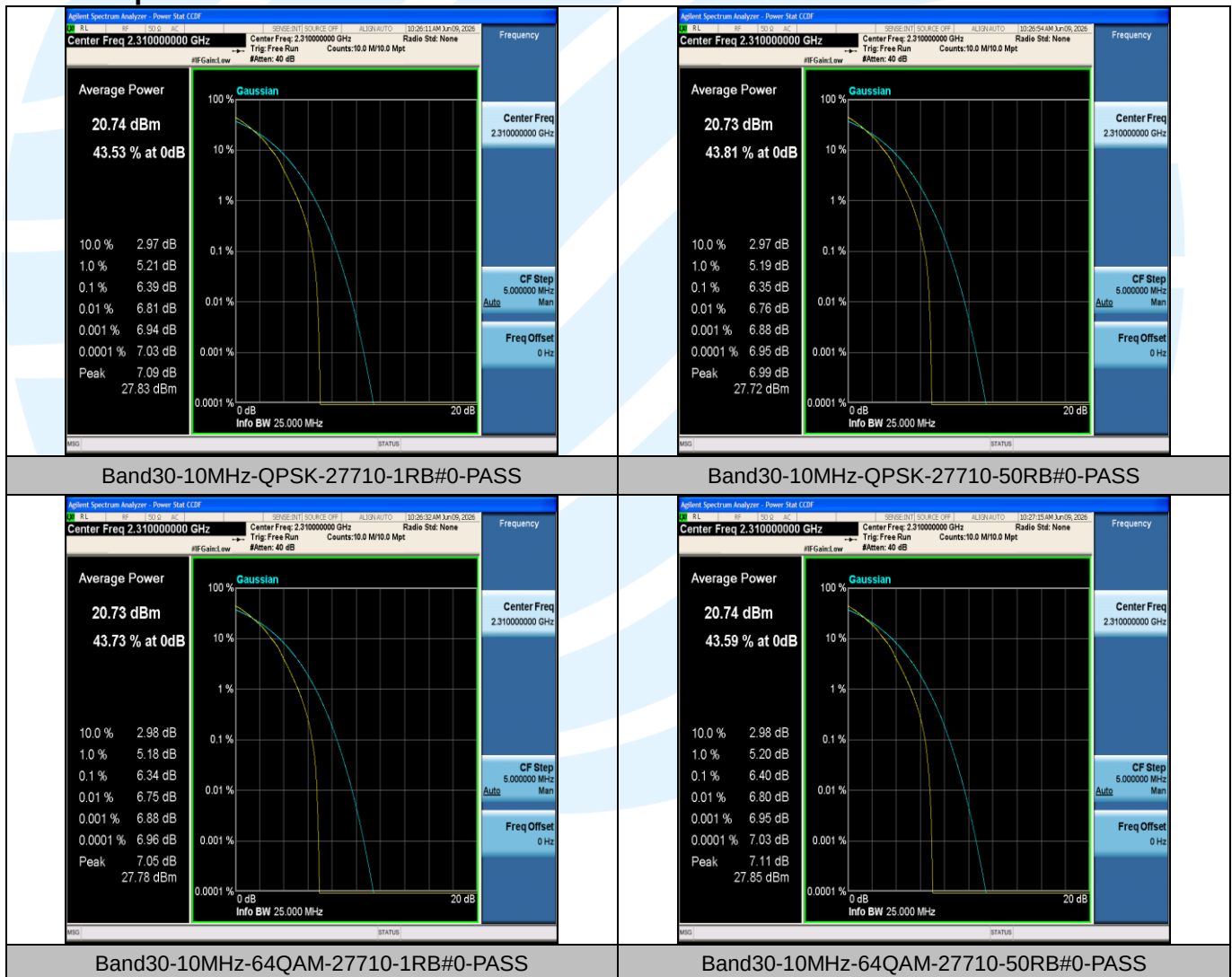
APPENDIX G LTE RF TEST DATA

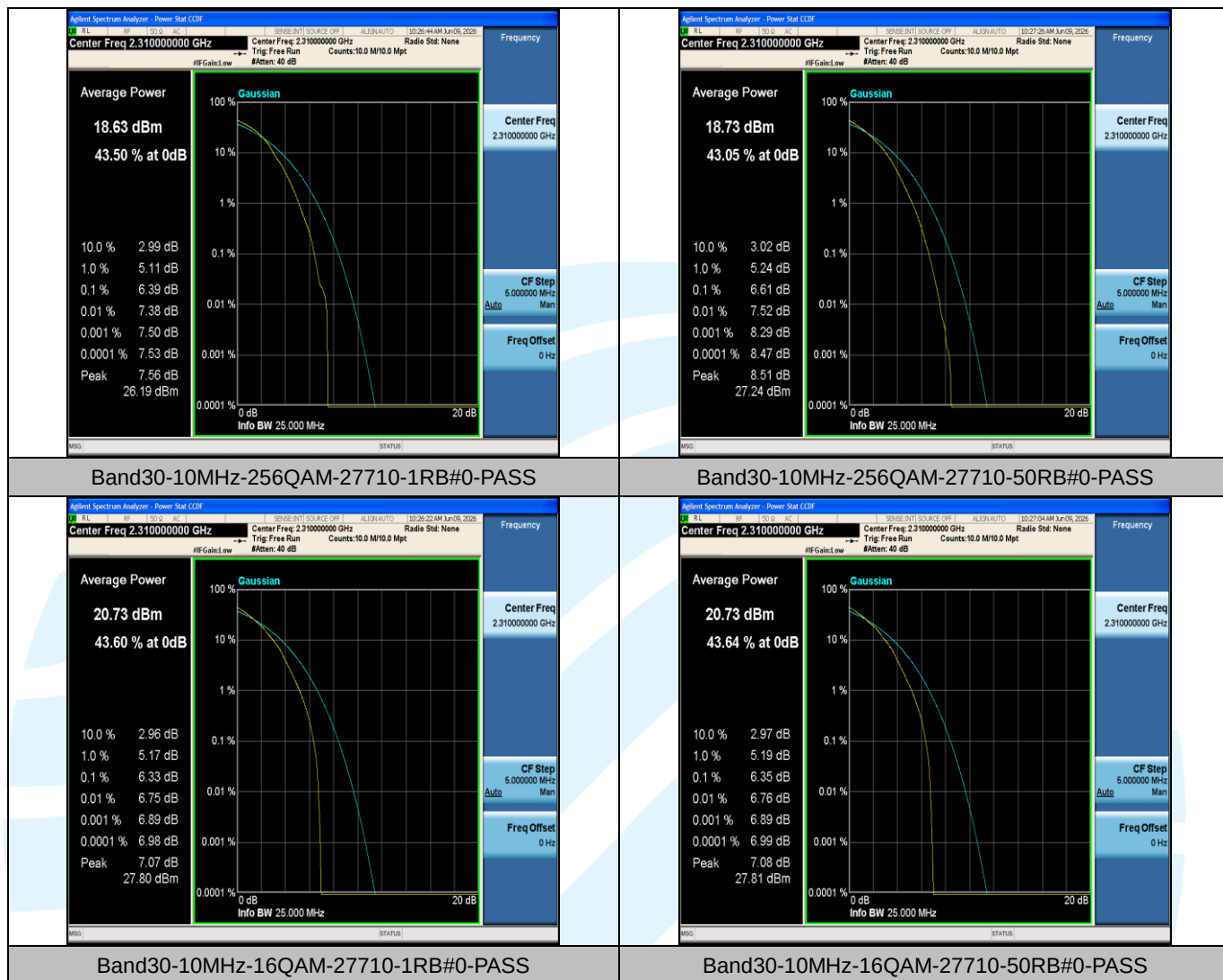
G.1 PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band30	10MHz	QPSK	27710	1RB#0	6.39	13	PASS
Band30	10MHz	QPSK	27710	50RB#0	6.35	13	PASS
Band30	10MHz	64QAM	27710	1RB#0	6.34	13	PASS
Band30	10MHz	64QAM	27710	50RB#0	6.40	13	PASS
Band30	10MHz	256QAM	27710	1RB#0	6.39	13	PASS
Band30	10MHz	256QAM	27710	50RB#0	6.61	13	PASS
Band30	10MHz	16QAM	27710	1RB#0	6.33	13	PASS
Band30	10MHz	16QAM	27710	50RB#0	6.35	13	PASS

Test Graphs



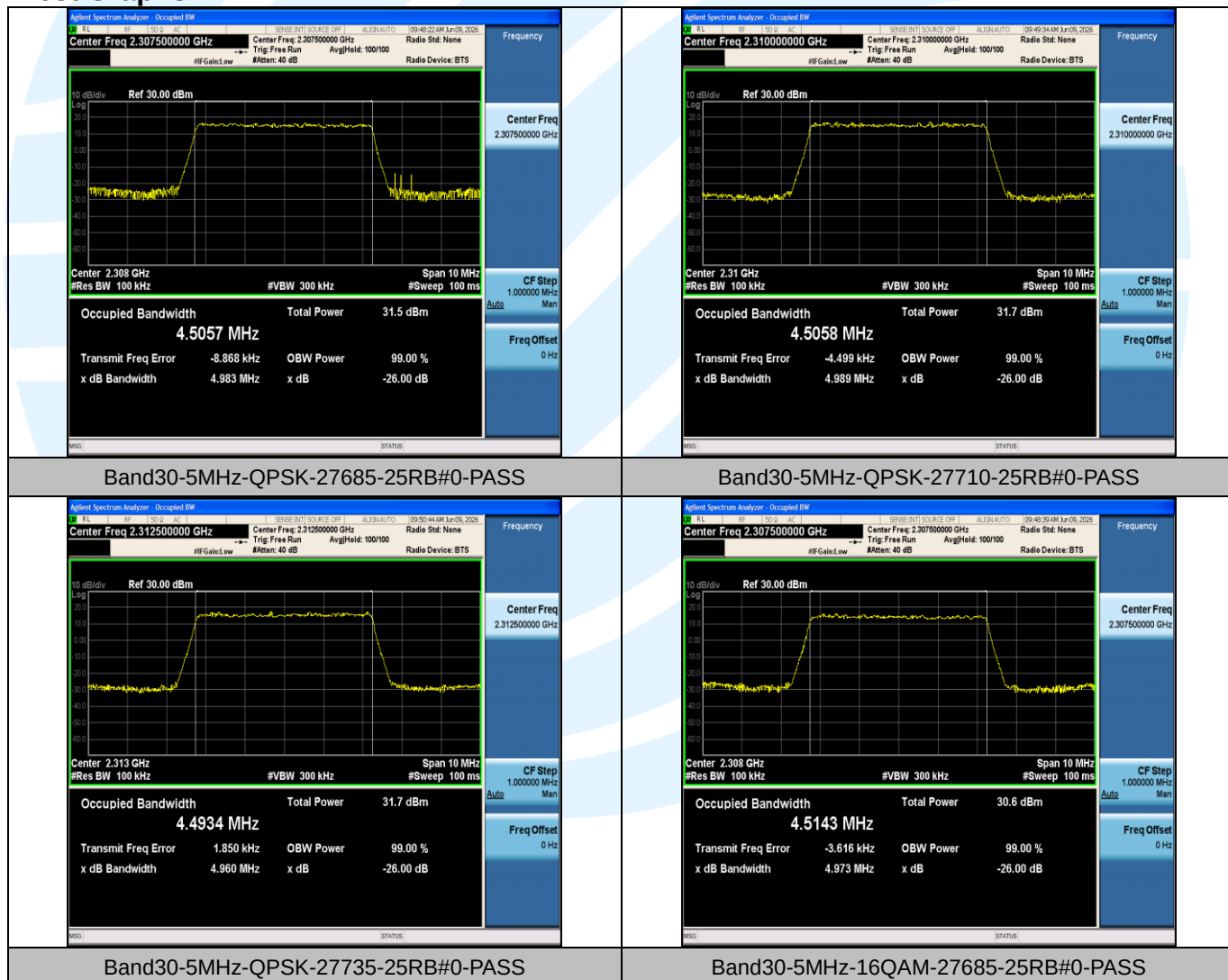


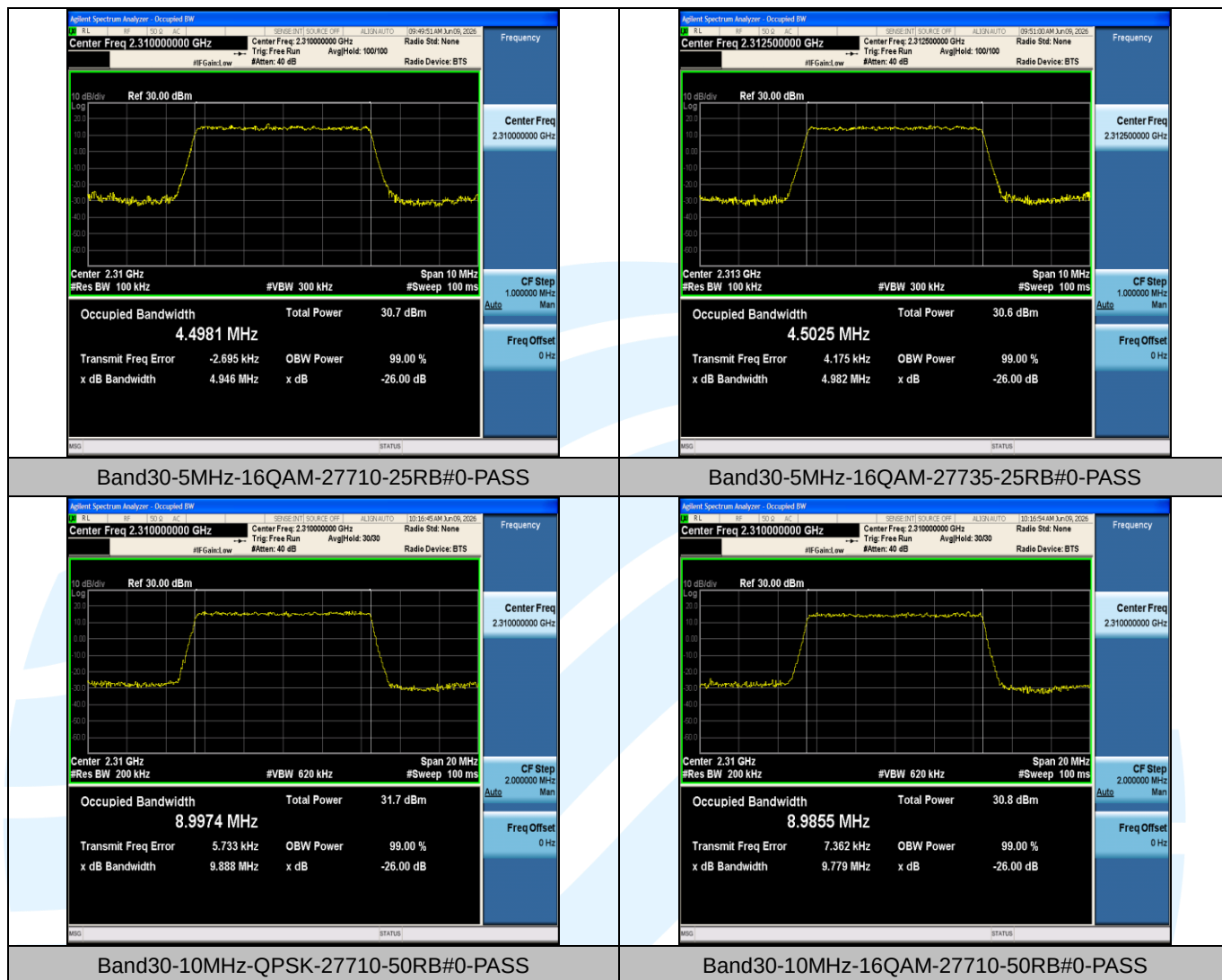
G.2 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band30	5MHz	QPSK	27685	25RB#0	4.5057	4.983	PASS
Band30	5MHz	QPSK	27710	25RB#0	4.5058	4.989	PASS
Band30	5MHz	QPSK	27735	25RB#0	4.4934	4.960	PASS
Band30	5MHz	16QAM	27685	25RB#0	4.5143	4.973	PASS
Band30	5MHz	16QAM	27710	25RB#0	4.4981	4.946	PASS
Band30	5MHz	16QAM	27735	25RB#0	4.5025	4.982	PASS
Band30	10MHz	QPSK	27710	50RB#0	8.9974	9.888	PASS
Band30	10MHz	16QAM	27710	50RB#0	8.9855	9.779	PASS

Test Graphs

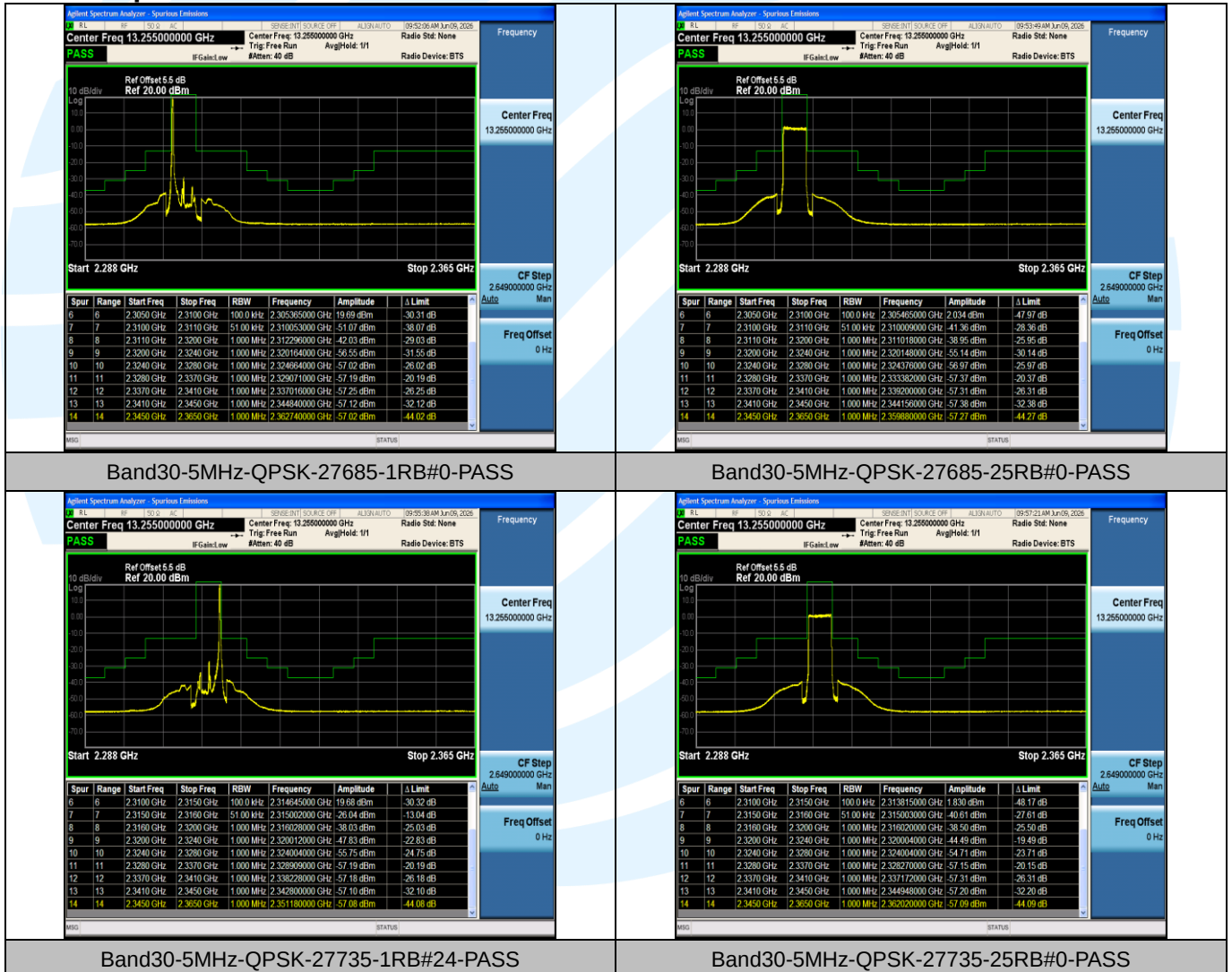


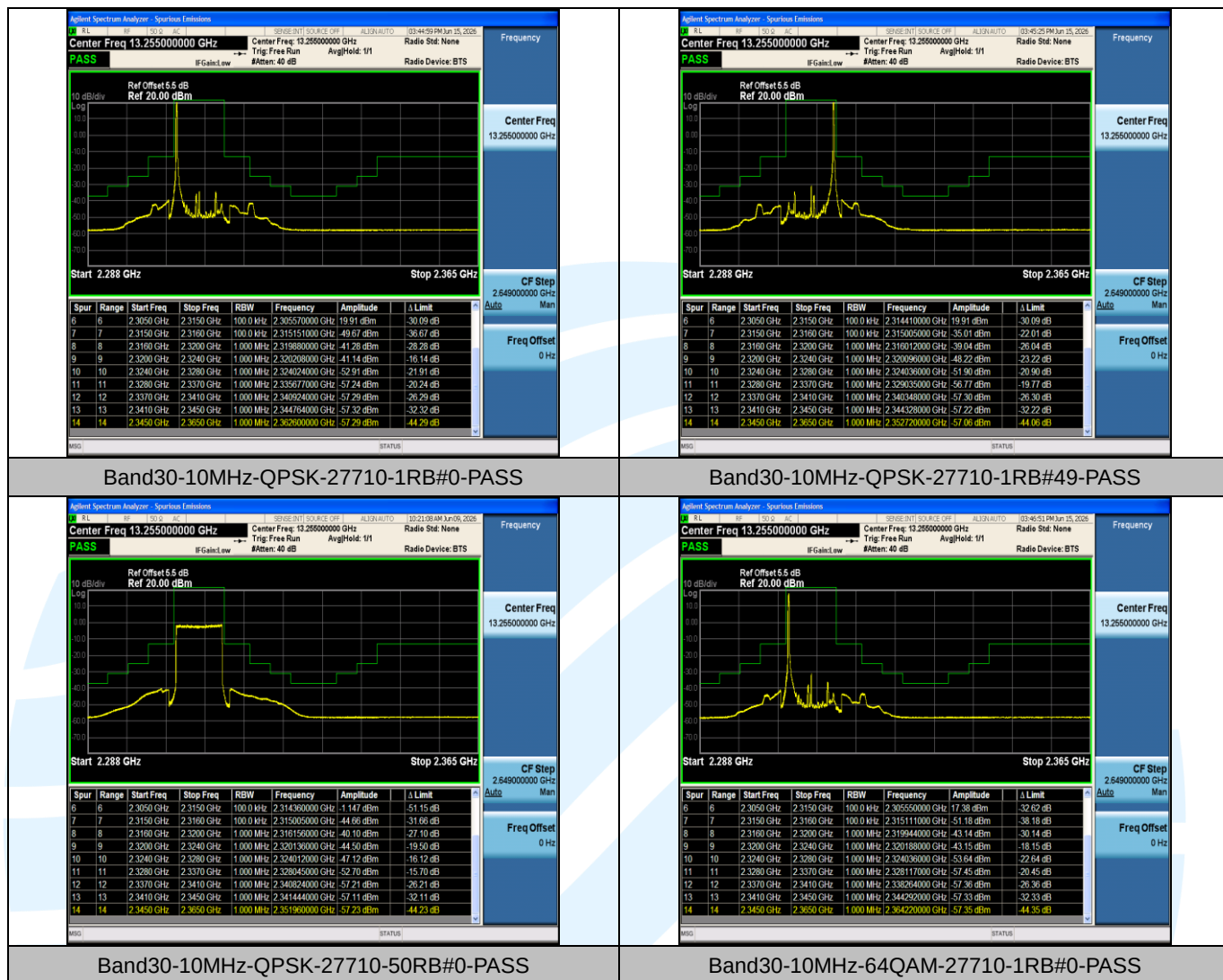


G.3 BAND EDGE Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Verdict
Band30	5MHz	QPSK	27685	1RB#0	-26.61	PASS
Band30	5MHz	QPSK	27685	25RB#0	-57.33	PASS
Band30	5MHz	QPSK	27735	1RB#24	-26.04	PASS
Band30	5MHz	QPSK	27735	25RB#0	-44.49	PASS
Band30	10MHz	QPSK	27710	1RB#0	-41.14	PASS
Band30	10MHz	QPSK	27710	1RB#49	-41.94	PASS
Band30	10MHz	QPSK	27710	50RB#0	-52.70	PASS

Test Graphs



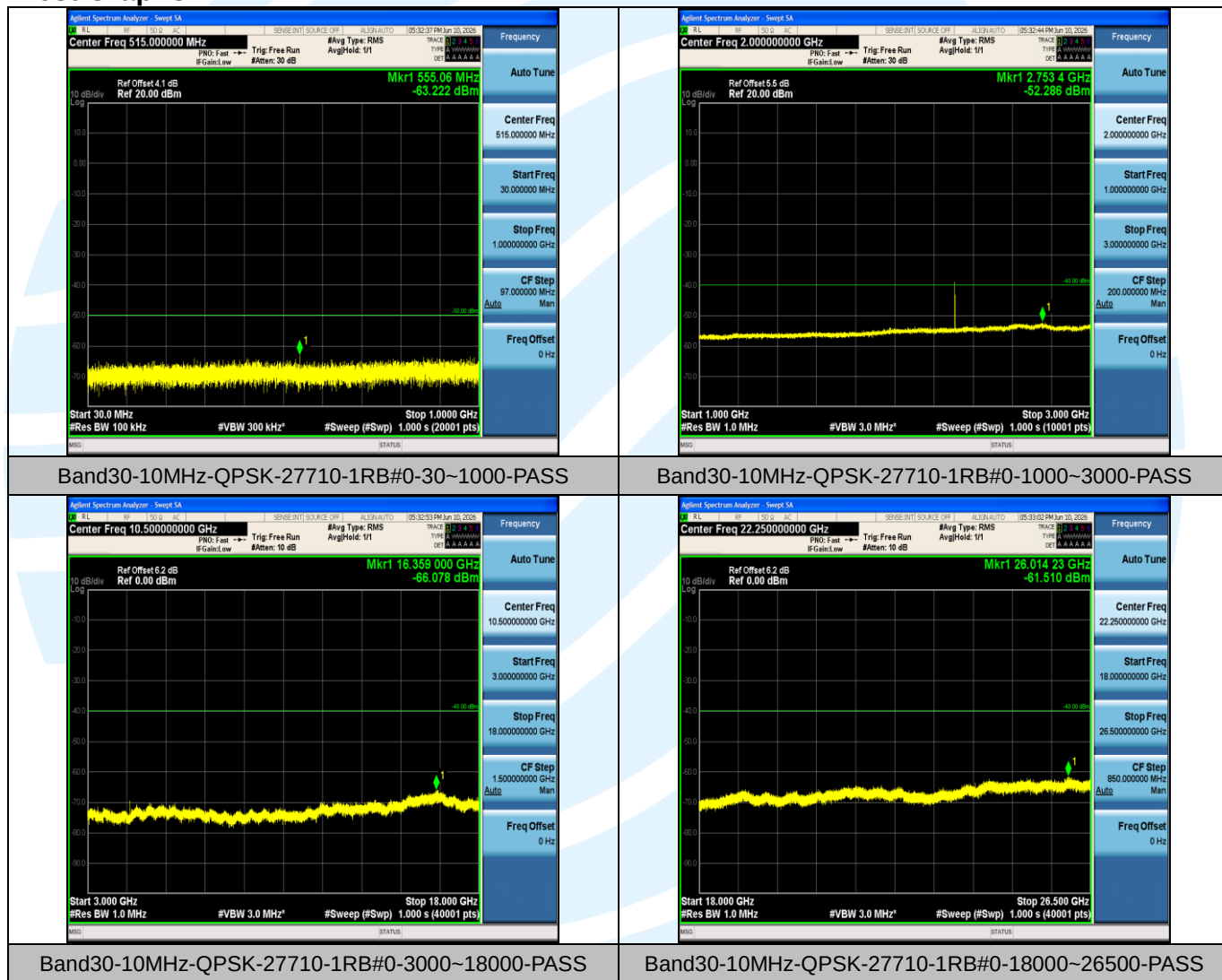


G.4 CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range (MHz)	Result (dBm)	Verdict
Band30	10MHz	QPSK	27710	1RB#0	30~1000	-63.22	PASS
Band30	10MHz	QPSK	27710	1RB#0	1000~3000	-52.29	PASS
Band30	10MHz	QPSK	27710	1RB#0	3000~18000	-66.08	PASS
Band30	10MHz	QPSK	27710	1RB#0	18000~26500	-61.51	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
Band30	10MHz	QPSK	27710	50RB#0	VN	NT	280.00	0.121212	±NA	PASS
Band30	10MHz	QPSK	27710	50RB#0	VL	NT	4610.00	1.995671	±NA	PASS
Band30	10MHz	QPSK	27710	50RB#0	VH	NT	4740.00	2.051948	±NA	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temp. (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band30	10MHz	QPSK	27710	50RB#0	NV	-30	1210.00	0.523810	±NA	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	-20	-1270.00	-0.549784	±NA	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	-10	-260.00	-0.112554	±NA	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	0	2920.00	1.264069	±NA	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	10	690.00	0.298701	±NA	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	20	-5420.00	-2.346320	±NA	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	30	2800.00	1.212121	±NA	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	40	3670.00	1.588745	±NA	PASS
Band30	10MHz	QPSK	27710	50RB#0	NV	50	-4250.00	-1.839827	±NA	PASS