

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	VN	NT	-2.92	-0.003541	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VL	NT	-2.83	-0.003432	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VH	NT	-3.59	-0.004353	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VN	NT	3.56	0.004317	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VL	NT	3.95	0.004790	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VH	NT	2.35	0.002850	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	6.97	0.008332	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	-3.79	-0.004531	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	-3.79	-0.004531	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	-4.99	-0.005965	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	2.35	0.002809	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	3.86	0.004614	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VN	NT	5.84	0.006884	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VL	NT	-4.46	-0.005258	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VH	NT	-4.79	-0.005647	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VN	NT	3.59	0.004232	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VL	NT	-5.78	-0.006814	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VH	NT	3.15	0.003713	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VN	NT	2.07	0.002508	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VL	NT	-3.95	-0.004785	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VH	NT	-2.78	-0.003368	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VN	NT	-4.89	-0.005924	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VL	NT	-2.52	-0.003053	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VH	NT	-3.25	-0.003937	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	5.89	0.007041	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	2.53	0.003025	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	-1.79	-0.002140	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VN	NT	3.49	0.004172	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VL	NT	2.45	0.002929	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VH	NT	3.60	0.004304	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VN	NT	4.49	0.005298	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VL	NT	-3.48	-0.004106	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VH	NT	-3.00	-0.003540	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VN	NT	5.58	0.006584	±2.5	PASS

Band5	3MHz	16QAM	20635	15RB#0	VL	NT	4.56	0.005381	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VH	NT	4.88	0.005758	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VN	NT	-4.75	-0.005747	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VL	NT	-2.32	-0.002807	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VH	NT	-4.55	-0.005505	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VN	NT	-3.20	-0.003872	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VL	NT	4.51	0.005457	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VH	NT	-4.22	-0.005106	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	7.40	0.008846	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	-4.48	-0.005356	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	-3.35	-0.004005	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VN	NT	-3.92	-0.004686	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VL	NT	3.22	0.003849	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VH	NT	3.86	0.004614	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VN	NT	5.14	0.006072	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VL	NT	-5.71	-0.006745	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VH	NT	-4.01	-0.004737	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VN	NT	-4.75	-0.005611	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VL	NT	-3.52	-0.004158	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VH	NT	4.31	0.005092	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-3.22	-0.003884	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-3.20	-0.003860	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-3.28	-0.003957	±2.5	PASS
Band5	10MHz	16QAM	20450	25RB#0	VN	NT	-3.62	-0.004367	±2.5	PASS
Band5	10MHz	16QAM	20450	25RB#0	VL	NT	-3.78	-0.004560	±2.5	PASS
Band5	10MHz	16QAM	20450	25RB#0	VH	NT	-2.73	-0.003293	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	4.08	0.004877	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-3.00	-0.003586	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-3.65	-0.004363	±2.5	PASS
Band5	10MHz	16QAM	20525	25RB#0	VN	NT	3.98	0.004758	±2.5	PASS
Band5	10MHz	16QAM	20525	25RB#0	VL	NT	-3.65	-0.004363	±2.5	PASS
Band5	10MHz	16QAM	20525	25RB#0	VH	NT	2.70	0.003228	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	4.11	0.004870	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-3.71	-0.004396	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-6.01	-0.007121	±2.5	PASS
Band5	10MHz	16QAM	20600	25RB#0	VN	NT	-4.56	-0.005403	±2.5	PASS
Band5	10MHz	16QAM	20600	25RB#0	VL	NT	-4.21	-0.004988	±2.5	PASS
Band5	10MHz	16QAM	20600	25RB#0	VH	NT	-5.18	-0.006137	±2.5	PASS

Temperature

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-30	-4.28	-0.005190	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	-4.15	-0.005032	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-10	-5.49	-0.006657	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	3.36	0.004074	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	4.72	0.005723	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	-3.03	-0.003674	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	30	-3.22	-0.003904	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	40	3.99	0.004838	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	50	-3.58	-0.004341	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-30	-2.37	-0.002874	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-20	-2.68	-0.003250	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-10	-3.63	-0.004402	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	-3.92	-0.004753	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	-2.47	-0.002995	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	-4.82	-0.005845	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	30	-4.35	-0.005275	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	40	-2.85	-0.003456	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	50	1.65	0.002001	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	-3.53	-0.004220	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	-4.61	-0.005511	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-10	-3.05	-0.003646	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	-3.73	-0.004459	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	3.92	0.004686	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-4.11	-0.004913	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	30	3.42	0.004088	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	40	-2.68	-0.003204	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	50	3.15	0.003766	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	-3.25	-0.003885	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	4.58	0.005475	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-10	4.09	0.004889	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	5.22	0.006240	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	-3.81	-0.004555	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	5.61	0.006707	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	30	-5.46	-0.006527	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	40	4.39	0.005248	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	50	4.71	0.005631	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-30	3.76	0.004432	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	-2.59	-0.003053	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-10	-3.96	-0.004668	±2.5	PASS

Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	-5.04	-0.005941	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	-3.65	-0.004303	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	-5.82	-0.006861	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	30	-4.19	-0.004939	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	40	-4.19	-0.004939	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	50	-3.12	-0.003678	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-30	-3.96	-0.004668	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-20	3.60	0.004244	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-10	5.25	0.006189	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	4.63	0.005458	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	-4.63	-0.005458	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	2.70	0.003183	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	30	-3.91	-0.004609	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	40	2.78	0.003277	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	50	-3.38	-0.003984	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-30	-3.33	-0.004034	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-20	-4.26	-0.005161	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-10	-3.26	-0.003949	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	2.35	0.002847	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	-4.95	-0.005996	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	20	-3.28	-0.003973	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	30	3.06	0.003707	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	40	-3.12	-0.003780	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	50	4.62	0.005597	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-30	-3.19	-0.003864	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-20	-2.50	-0.003028	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-10	-4.98	-0.006033	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	1.57	0.001902	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	-3.55	-0.004300	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	-4.28	-0.005185	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	30	-4.03	-0.004882	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	40	3.18	0.003852	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	50	-3.42	-0.004143	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	-3.59	-0.004292	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	-2.57	-0.003072	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-10	-4.84	-0.005786	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	5.35	0.006396	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	-2.92	-0.003491	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	4.79	0.005726	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	30	-3.05	-0.003646	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	40	5.25	0.006276	±2.5	PASS

Band5	3MHz	QPSK	20525	15RB#0	NV	50	-2.93	-0.003503	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-30	-3.71	-0.004435	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-20	-2.47	-0.002953	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-10	3.76	0.004495	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	4.59	0.005487	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	-3.68	-0.004399	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	2.79	0.003335	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	30	-2.85	-0.003407	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	40	4.81	0.005750	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	50	3.73	0.004459	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-30	-4.86	-0.005735	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-20	-4.42	-0.005215	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-10	-5.88	-0.006938	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	-5.42	-0.006395	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	10	3.56	0.004201	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	-3.91	-0.004614	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	30	2.70	0.003186	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	40	-2.65	-0.003127	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	50	2.96	0.003493	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-30	5.51	0.006501	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-20	3.55	0.004189	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-10	3.72	0.004389	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	4.28	0.005050	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	3.71	0.004378	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	-5.15	-0.006077	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	30	-4.82	-0.005687	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	40	4.39	0.005180	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	50	3.23	0.003811	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-30	-3.55	-0.004295	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-20	2.60	0.003146	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-10	1.89	0.002287	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	-3.28	-0.003969	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	10	-3.73	-0.004513	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	-3.52	-0.004259	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	30	-3.59	-0.004344	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	40	3.52	0.004259	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	50	-4.71	-0.005699	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-30	2.30	0.002783	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-20	3.10	0.003751	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-10	2.75	0.003327	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	-3.93	-0.004755	±2.5	PASS

Band5	5MHz	16QAM	20425	25RB#0	NV	10	2.85	0.003448	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	20	4.28	0.005178	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	30	4.45	0.005384	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	40	3.20	0.003872	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	50	3.46	0.004186	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-30	-2.33	-0.002785	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	-5.31	-0.006348	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-10	-3.78	-0.004519	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	-6.85	-0.008189	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	-3.68	-0.004399	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	3.78	0.004519	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	30	3.03	0.003622	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	40	-1.92	-0.002295	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	50	-3.75	-0.004483	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-30	2.93	0.003503	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-20	-3.15	-0.003766	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-10	-2.98	-0.003562	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	2.95	0.003527	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	3.71	0.004435	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	-4.16	-0.004973	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	30	3.13	0.003742	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	40	4.26	0.005093	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	50	5.02	0.006001	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-30	-1.89	-0.002233	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-20	-4.12	-0.004867	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-10	-3.59	-0.004241	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	2.45	0.002894	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	2.95	0.003485	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	3.05	0.003603	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	30	-3.81	-0.004501	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	40	-4.38	-0.005174	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	50	-5.02	-0.005930	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-30	4.06	0.004796	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-20	3.92	0.004631	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-10	3.99	0.004714	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	0	4.26	0.005032	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	10	4.45	0.005257	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	20	-5.69	-0.006722	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	30	-2.43	-0.002871	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	40	-3.91	-0.004619	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	50	4.52	0.005340	±2.5	PASS

Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-3.29	-0.003969	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-2.72	-0.003281	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-10	2.29	0.002762	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	3.81	0.004596	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	3.15	0.003800	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-3.00	-0.003619	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-4.84	-0.005838	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-3.66	-0.004415	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	2.52	0.003040	±2.5	PASS
Band5	10MHz	16QAM	20450	25RB#0	NV	-30	-2.99	-0.003607	±2.5	PASS
Band5	10MHz	16QAM	20450	25RB#0	NV	-20	-2.07	-0.002497	±2.5	PASS
Band5	10MHz	16QAM	20450	25RB#0	NV	-10	2.63	0.003172	±2.5	PASS
Band5	10MHz	16QAM	20450	25RB#0	NV	0	3.42	0.004125	±2.5	PASS
Band5	10MHz	16QAM	20450	25RB#0	NV	10	4.26	0.005139	±2.5	PASS
Band5	10MHz	16QAM	20450	25RB#0	NV	20	-2.76	-0.003329	±2.5	PASS
Band5	10MHz	16QAM	20450	25RB#0	NV	30	-3.69	-0.004451	±2.5	PASS
Band5	10MHz	16QAM	20450	25RB#0	NV	40	-2.70	-0.003257	±2.5	PASS
Band5	10MHz	16QAM	20450	25RB#0	NV	50	-2.47	-0.002979	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-4.75	-0.005678	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-4.25	-0.005081	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-3.23	-0.003861	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-4.41	-0.005272	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	3.72	0.004447	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	3.49	0.004172	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	3.33	0.003981	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	3.85	0.004603	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-5.34	-0.006384	±2.5	PASS
Band5	10MHz	16QAM	20525	25RB#0	NV	-30	3.75	0.004483	±2.5	PASS
Band5	10MHz	16QAM	20525	25RB#0	NV	-20	-2.03	-0.002427	±2.5	PASS
Band5	10MHz	16QAM	20525	25RB#0	NV	-10	3.82	0.004567	±2.5	PASS
Band5	10MHz	16QAM	20525	25RB#0	NV	0	-3.59	-0.004292	±2.5	PASS
Band5	10MHz	16QAM	20525	25RB#0	NV	10	4.42	0.005284	±2.5	PASS
Band5	10MHz	16QAM	20525	25RB#0	NV	20	-3.78	-0.004519	±2.5	PASS
Band5	10MHz	16QAM	20525	25RB#0	NV	30	3.20	0.003825	±2.5	PASS
Band5	10MHz	16QAM	20525	25RB#0	NV	40	-3.33	-0.003981	±2.5	PASS
Band5	10MHz	16QAM	20525	25RB#0	NV	50	-5.71	-0.006826	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-5.46	-0.006469	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-3.22	-0.003815	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	-6.44	-0.007630	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	3.26	0.003863	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	2.46	0.002915	±2.5	PASS

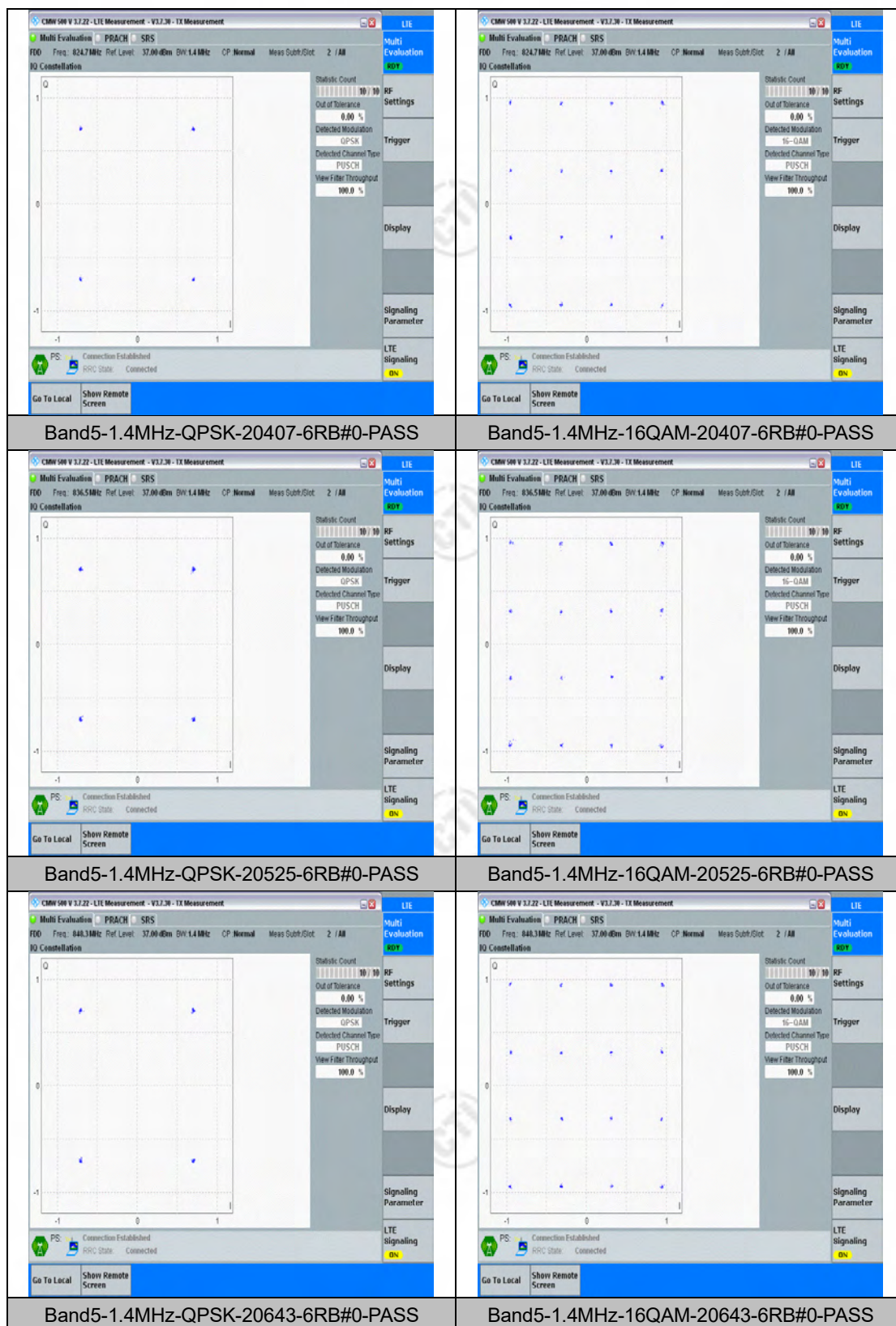
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-3.03	-0.003590	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-3.00	-0.003555	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-3.60	-0.004265	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	3.39	0.004017	±2.5	PASS
Band5	10MHz	16QAM	20600	25RB#0	NV	-30	-4.72	-0.005592	±2.5	PASS
Band5	10MHz	16QAM	20600	25RB#0	NV	-20	-2.96	-0.003507	±2.5	PASS
Band5	10MHz	16QAM	20600	25RB#0	NV	-10	-1.69	-0.002002	±2.5	PASS
Band5	10MHz	16QAM	20600	25RB#0	NV	0	-4.08	-0.004834	±2.5	PASS
Band5	10MHz	16QAM	20600	25RB#0	NV	10	-4.29	-0.005083	±2.5	PASS
Band5	10MHz	16QAM	20600	25RB#0	NV	20	3.58	0.004242	±2.5	PASS
Band5	10MHz	16QAM	20600	25RB#0	NV	30	-1.52	-0.001801	±2.5	PASS
Band5	10MHz	16QAM	20600	25RB#0	NV	40	-4.21	-0.004988	±2.5	PASS
Band5	10MHz	16QAM	20600	25RB#0	NV	50	-3.22	-0.003815	±2.5	PASS

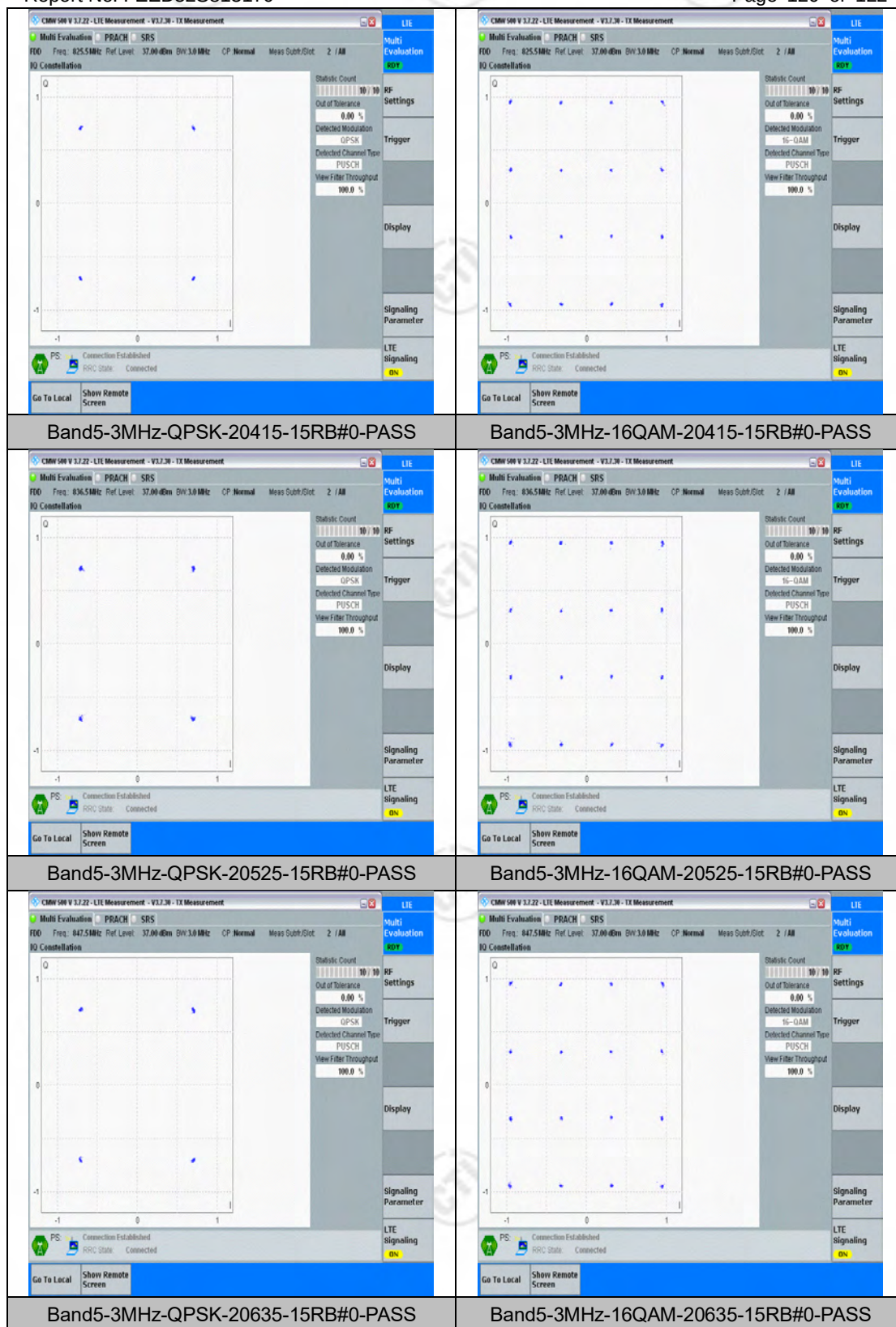
Appendix G: Modulation Characteristics

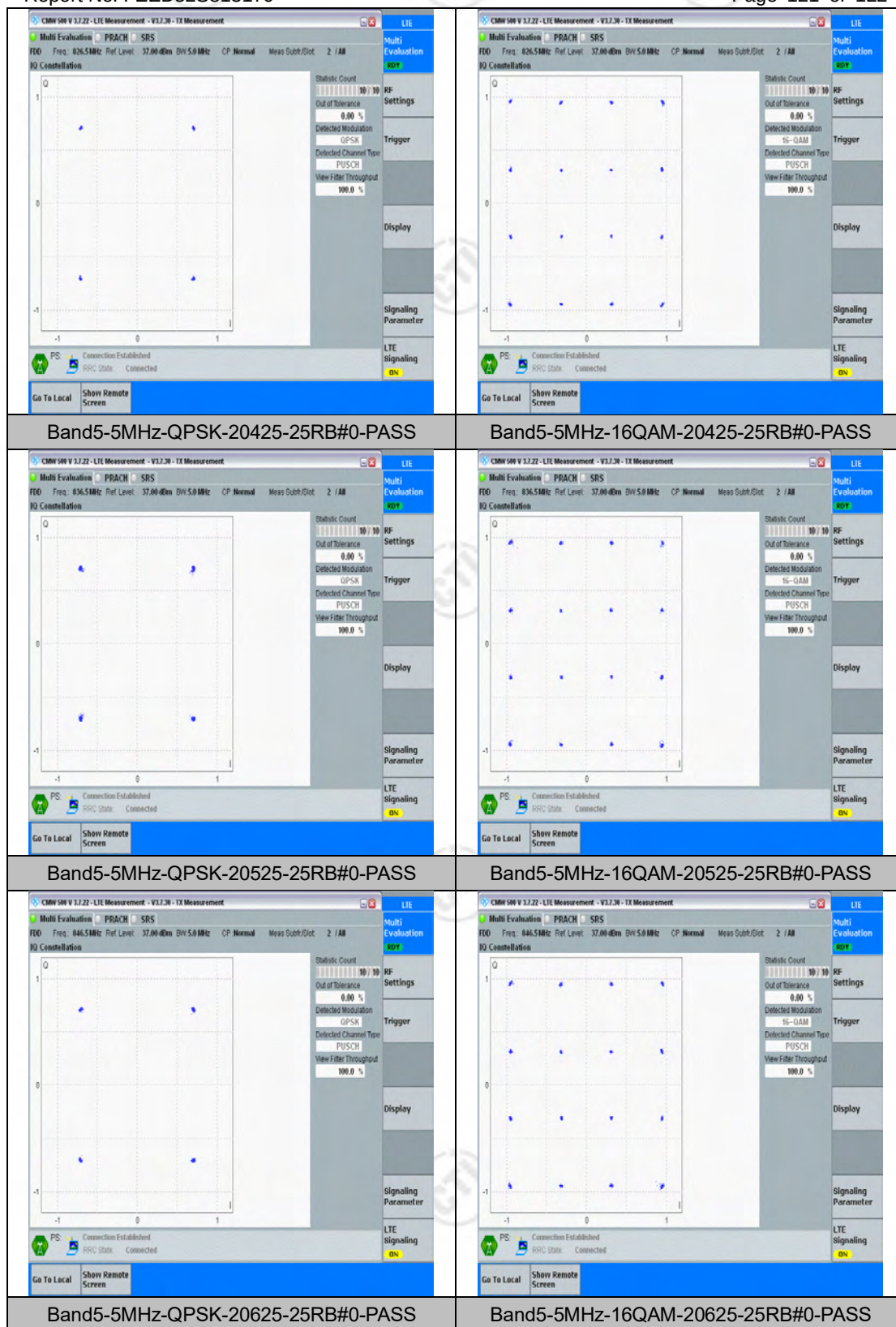
Test Result

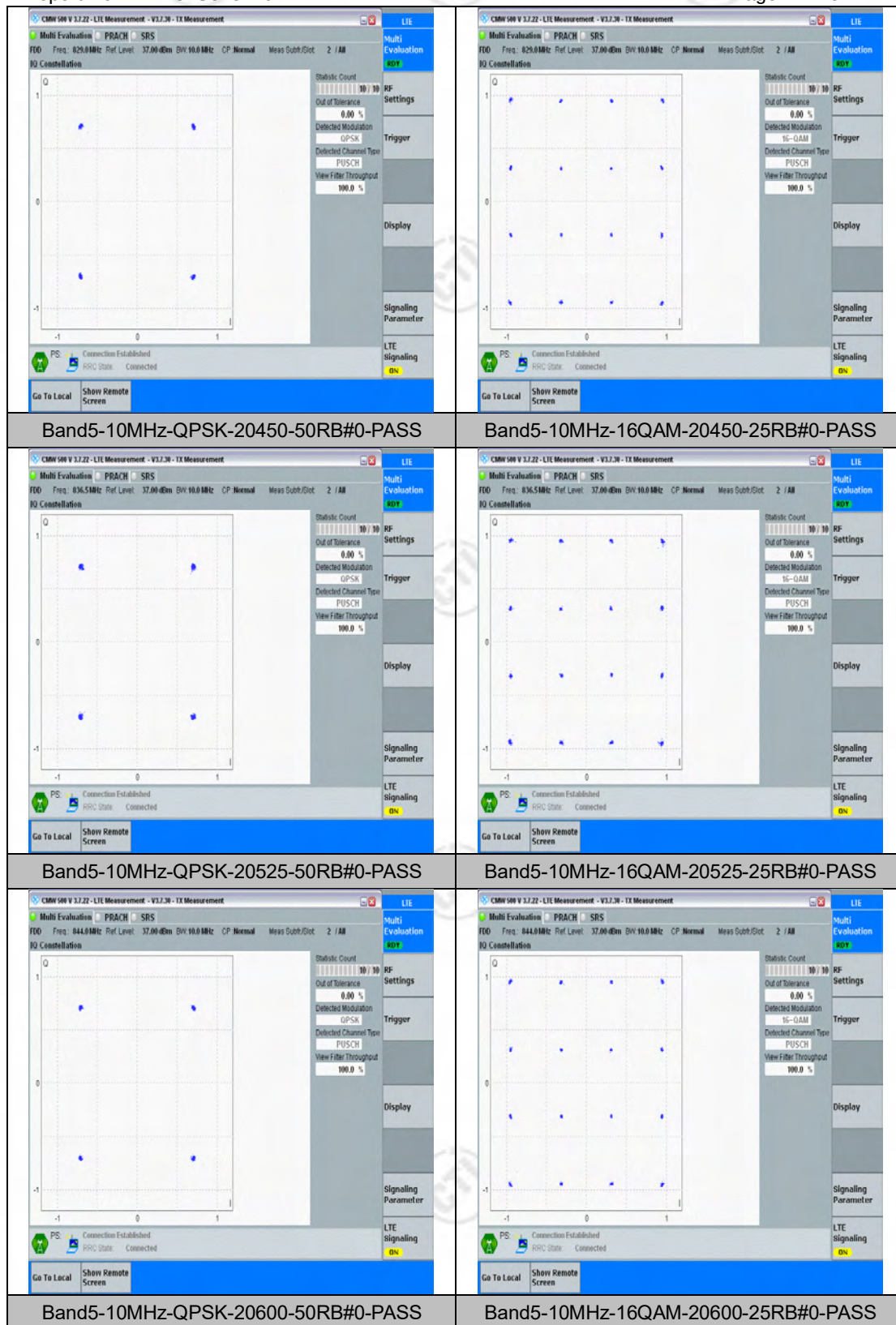
Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	PASS
Band5	3MHz	QPSK	20415	15RB#0	PASS
Band5	3MHz	16QAM	20415	15RB#0	PASS
Band5	3MHz	QPSK	20525	15RB#0	PASS
Band5	3MHz	16QAM	20525	15RB#0	PASS
Band5	3MHz	QPSK	20635	15RB#0	PASS
Band5	3MHz	16QAM	20635	15RB#0	PASS
Band5	5MHz	QPSK	20425	25RB#0	PASS
Band5	5MHz	16QAM	20425	25RB#0	PASS
Band5	5MHz	QPSK	20525	25RB#0	PASS
Band5	5MHz	16QAM	20525	25RB#0	PASS
Band5	5MHz	QPSK	20625	25RB#0	PASS
Band5	5MHz	16QAM	20625	25RB#0	PASS
Band5	10MHz	QPSK	20450	50RB#0	PASS
Band5	10MHz	16QAM	20450	25RB#0	PASS
Band5	10MHz	QPSK	20525	50RB#0	PASS
Band5	10MHz	16QAM	20525	25RB#0	PASS
Band5	10MHz	QPSK	20600	50RB#0	PASS
Band5	10MHz	16QAM	20600	25RB#0	PASS

Test Graphs









*** End of Report ***