

Appendix-FCC-LTE-B5

1.1 Appendix A: Effective (Isotropic) Radiated Power Output Data

1.1.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	conducted power(dBm)	Max AntGain (dBi)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	24.02	-4.86	17.01	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.05	-4.86	17.04	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.99	-4.86	16.98	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	24.06	-4.86	17.05	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.07	-4.86	17.06	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.07	-4.86	17.06	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.16	-4.86	16.15	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.87	-4.86	15.86	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.88	-4.86	15.87	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.83	-4.86	15.82	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.87	-4.86	15.86	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.88	-4.86	15.87	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.82	-4.86	15.81	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.16	-4.86	15.15	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.01	-4.86	17.00	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.00	-4.86	16.99	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.97	-4.86	16.96	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	24.06	-4.86	17.05	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	24.12	-4.86	17.11	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	24.11	-4.86	17.10	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.10	-4.86	16.09	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.75	-4.86	15.74	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.81	-4.86	15.80	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.68	-4.86	15.67	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.88	-4.86	15.87	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.87	-4.86	15.86	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.85	-4.86	15.84	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.08	-4.86	15.07	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.82	-4.86	16.81	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.84	-4.86	16.83	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.84	-4.86	16.83	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.89	-4.86	16.88	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.85	-4.86	16.84	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.87	-4.86	16.86	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.90	-4.86	15.89	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.64	-4.86	15.63	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.67	-4.86	15.66	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.62	-4.86	15.61	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.72	-4.86	15.71	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.70	-4.86	15.69	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.69	-4.86	15.68	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.78	-4.86	14.77	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.87	-4.86	16.86	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.98	-4.86	16.97	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.84	-4.86	16.83	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.07	-4.86	16.06	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.04	-4.86	16.03	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.11	-4.86	16.10	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.09	-4.86	16.08	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.54	-4.86	15.53	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.74	-4.86	15.73	38.45	PASS

Band5	3MHz	16QAM	20415	1RB#14	22.54	-4.86	15.53	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.98	-4.86	14.97	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.02	-4.86	15.01	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.07	-4.86	15.06	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.95	-4.86	14.94	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.86	-4.86	16.85	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.91	-4.86	16.90	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.82	-4.86	16.81	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	23.07	-4.86	16.06	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.09	-4.86	16.08	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.03	-4.86	16.02	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.06	-4.86	16.05	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.84	-4.86	15.83	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.92	-4.86	15.91	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.79	-4.86	15.78	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.08	-4.86	15.07	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.08	-4.86	15.07	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.98	-4.86	14.97	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.06	-4.86	15.05	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.66	-4.86	16.65	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.82	-4.86	16.81	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.69	-4.86	16.68	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.82	-4.86	15.81	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.84	-4.86	15.83	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.75	-4.86	15.74	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.81	-4.86	15.80	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.52	-4.86	15.51	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.60	-4.86	15.59	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.46	-4.86	15.45	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.83	-4.86	14.82	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.90	-4.86	14.89	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.72	-4.86	14.71	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.75	-4.86	14.74	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.17	-4.86	17.16	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.27	-4.86	17.26	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	24.16	-4.86	17.15	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.98	-4.86	15.97	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.00	-4.86	15.99	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	23.19	-4.86	16.18	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.14	-4.86	16.13	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.97	-4.86	15.96	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	23.15	-4.86	16.14	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.01	-4.86	16.00	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.00	-4.86	14.99	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.98	-4.86	14.97	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	22.20	-4.86	15.19	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.21	-4.86	15.20	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	24.19	-4.86	17.18	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.28	-4.86	17.27	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	24.11	-4.86	17.10	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.23	-4.86	16.22	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.24	-4.86	16.23	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	23.07	-4.86	16.06	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.20	-4.86	16.19	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.13	-4.86	16.12	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.19	-4.86	16.18	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.05	-4.86	16.04	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.24	-4.86	15.23	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.26	-4.86	15.25	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.06	-4.86	15.05	38.45	PASS

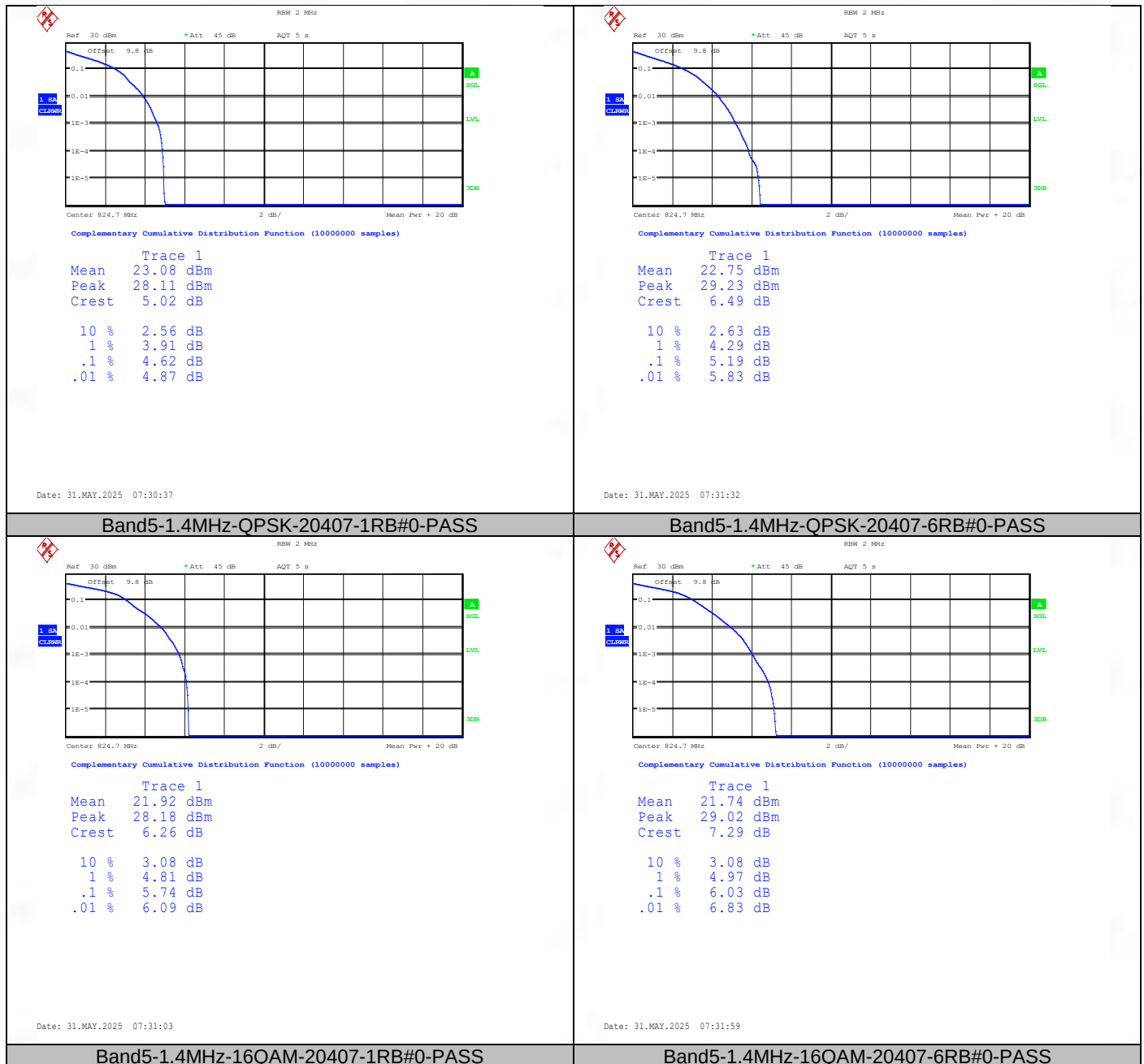
Band5	5MHz	16QAM	20525	25RB#0	22.23	-4.86	15.22	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.88	-4.86	16.87	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	24.03	-4.86	17.02	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.92	-4.86	16.91	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.89	-4.86	15.88	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.95	-4.86	15.94	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.71	-4.86	15.70	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.83	-4.86	15.82	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.92	-4.86	15.91	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.10	-4.86	16.09	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.92	-4.86	15.91	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.93	-4.86	14.92	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.96	-4.86	14.95	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.74	-4.86	14.73	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.81	-4.86	14.80	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	24.22	-4.86	17.21	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	24.28	-4.86	17.27	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	24.19	-4.86	17.18	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.00	-4.86	15.99	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.94	-4.86	15.93	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.07	-4.86	16.06	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.04	-4.86	16.03	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.98	-4.86	15.97	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.07	-4.86	16.06	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.09	-4.86	16.08	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.96	-4.86	14.95	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.95	-4.86	14.94	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.14	-4.86	15.13	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.10	-4.86	15.09	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	24.25	-4.86	17.24	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.24	-4.86	17.23	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.08	-4.86	17.07	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.34	-4.86	16.33	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.36	-4.86	16.35	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.11	-4.86	16.10	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.33	-4.86	16.32	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.22	-4.86	16.21	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.21	-4.86	16.20	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.05	-4.86	16.04	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.35	-4.86	15.34	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.35	-4.86	15.34	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.08	-4.86	15.07	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.22	-4.86	15.21	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.17	-4.86	17.16	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	24.06	-4.86	17.05	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	24.05	-4.86	17.04	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.75	-4.86	15.74	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.82	-4.86	15.81	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.72	-4.86	15.71	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.77	-4.86	15.76	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.02	-4.86	16.01	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.85	-4.86	15.84	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.86	-4.86	15.85	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.76	-4.86	14.75	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.79	-4.86	14.78	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.77	-4.86	14.76	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.78	-4.86	14.77	38.45	PASS

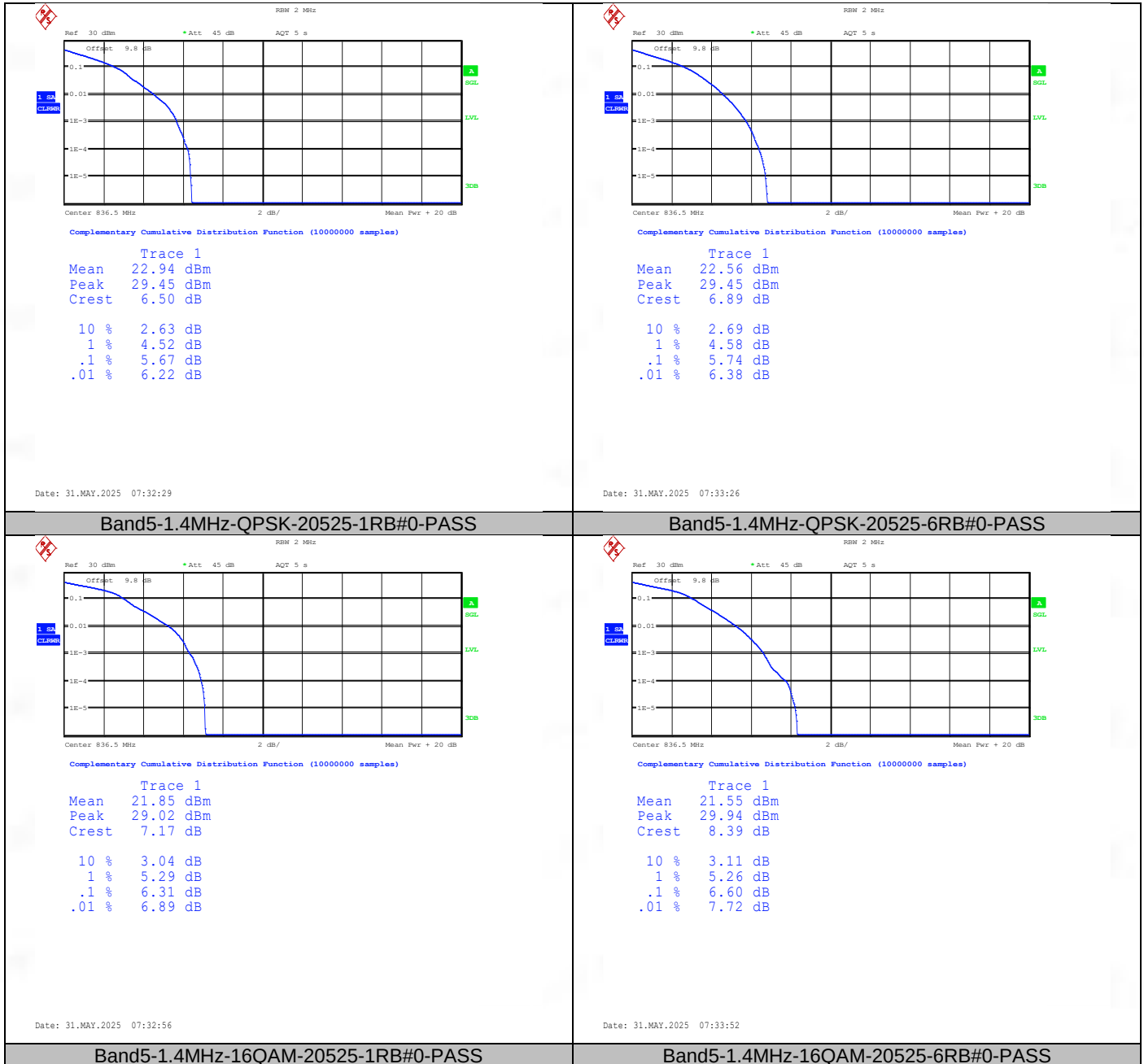
1.2 Appendix B: Peak-to-Average Ratio(CCDF)

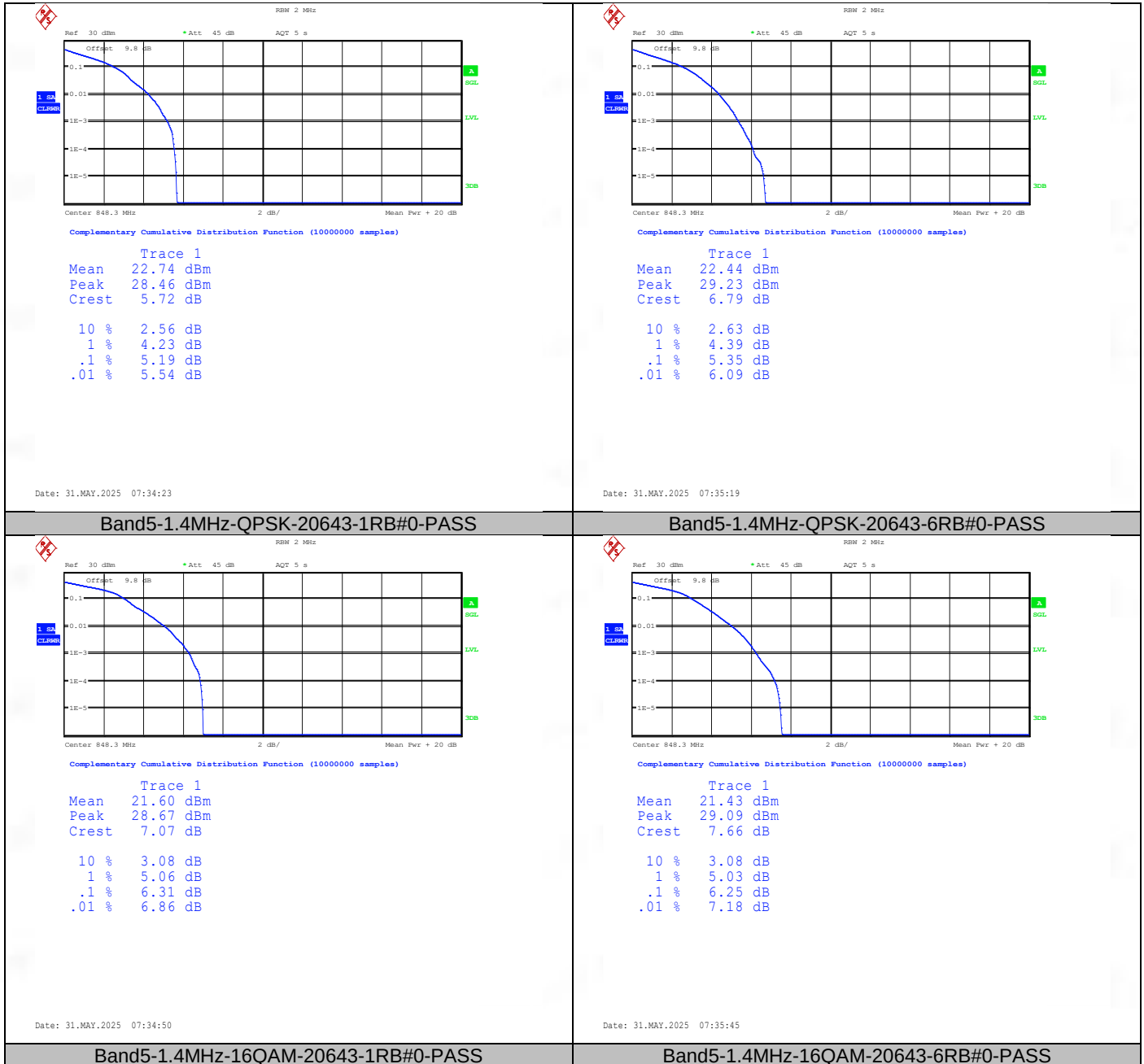
1.2.1 Test Result

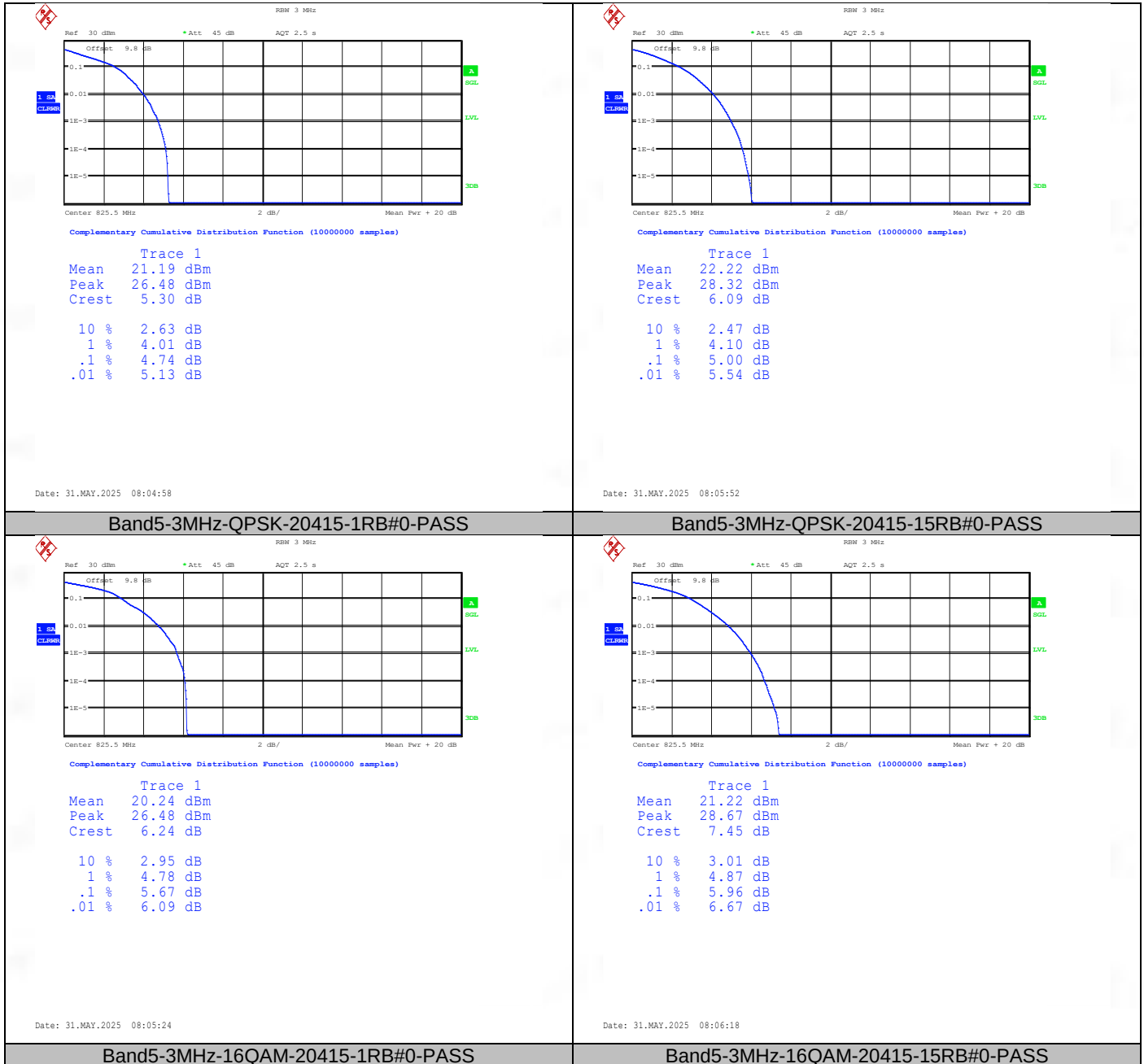
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.62	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.19	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.74	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.03	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	5.67	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.74	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	6.31	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.60	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	5.19	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.35	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	6.31	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.25	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.74	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.00	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.67	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.96	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	5.71	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.42	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	6.35	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.35	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	5.48	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.22	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	6.63	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.35	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.65	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.13	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.35	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.96	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.83	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.54	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	6.44	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.38	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.26	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.26	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.00	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.28	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.52	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.58	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.45	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.51	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	5.42	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.61	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	6.15	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.54	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.42	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.45	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.61	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.51	13	PASS

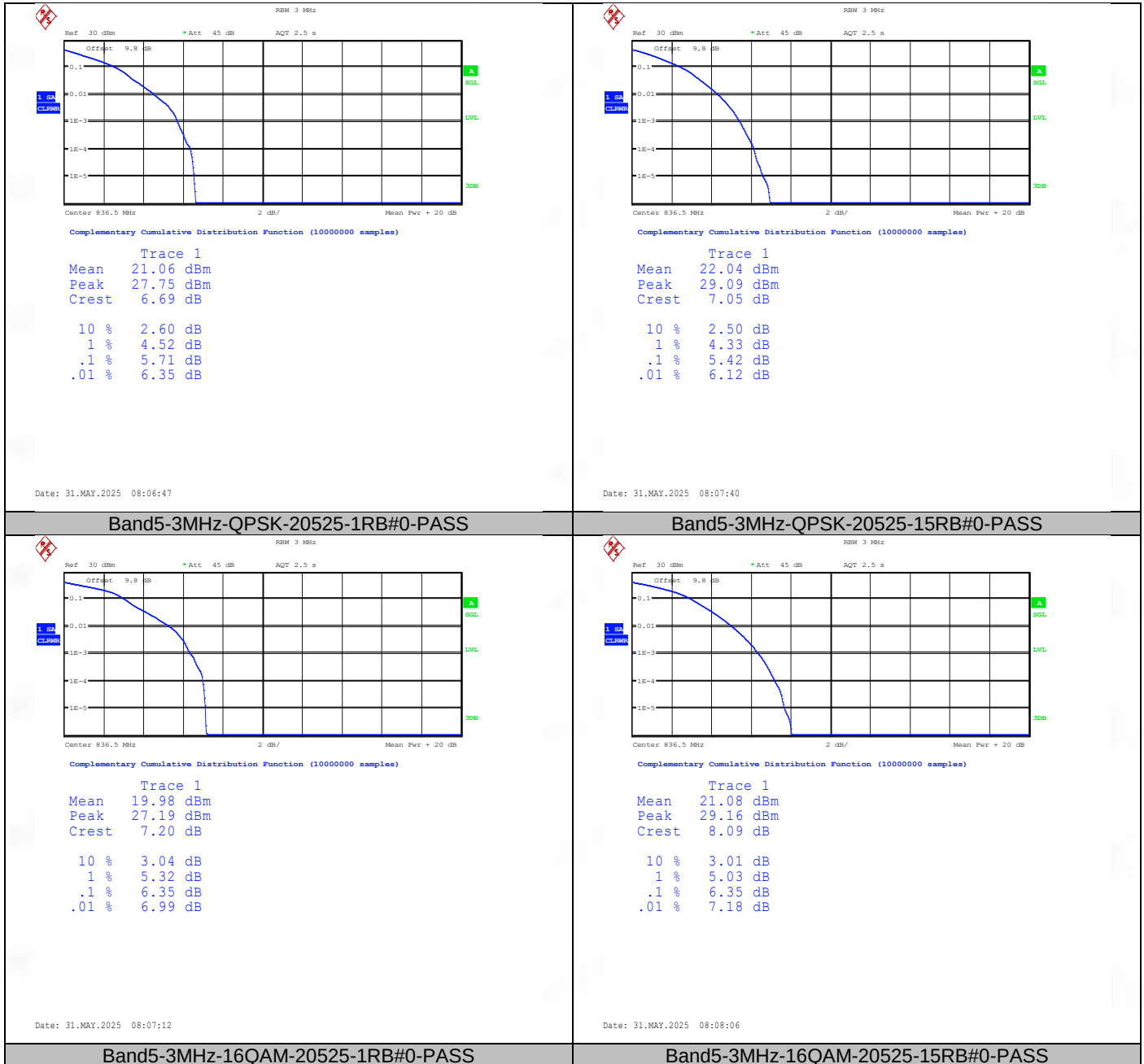
1.2.2 Test Graphs

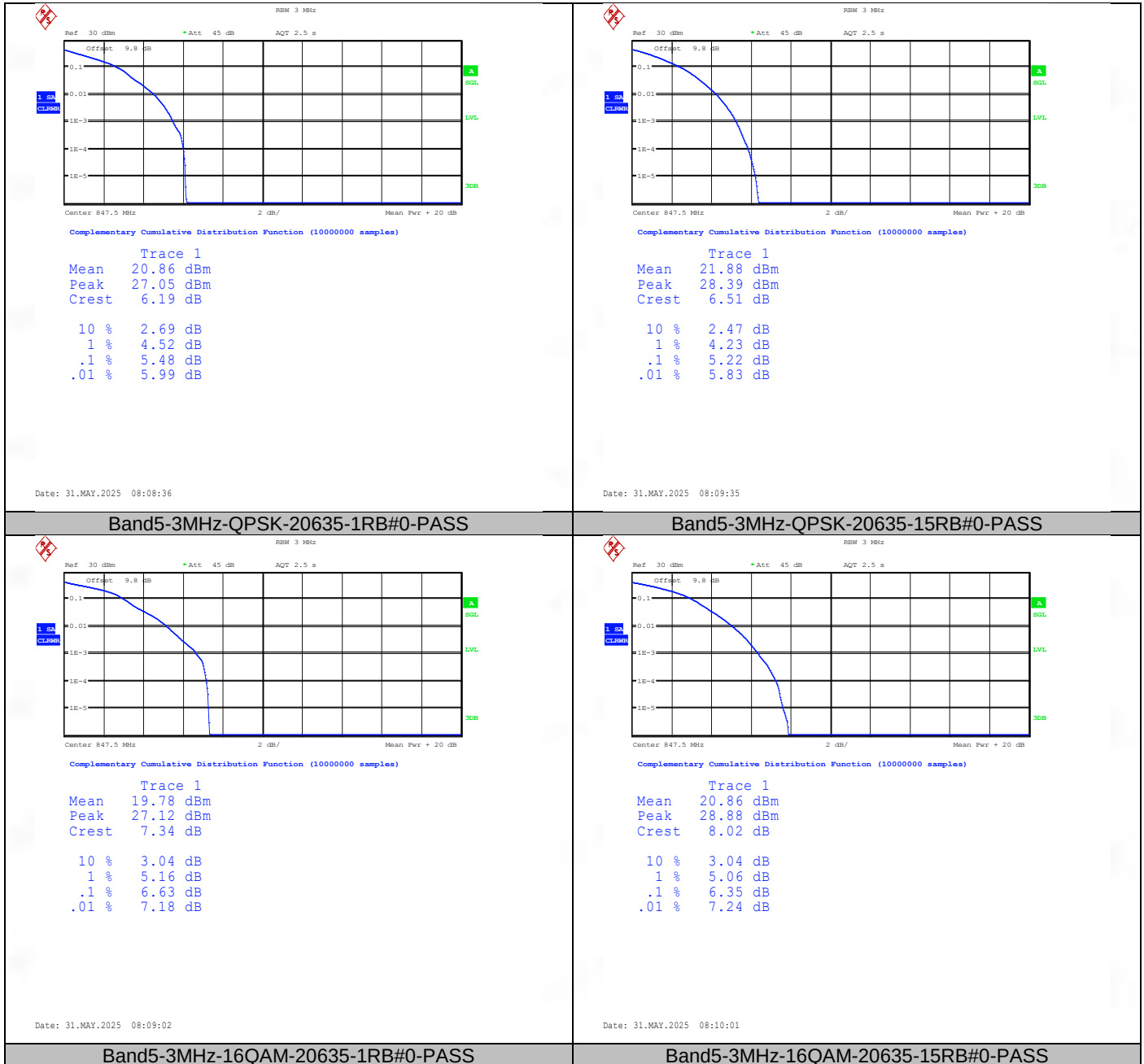


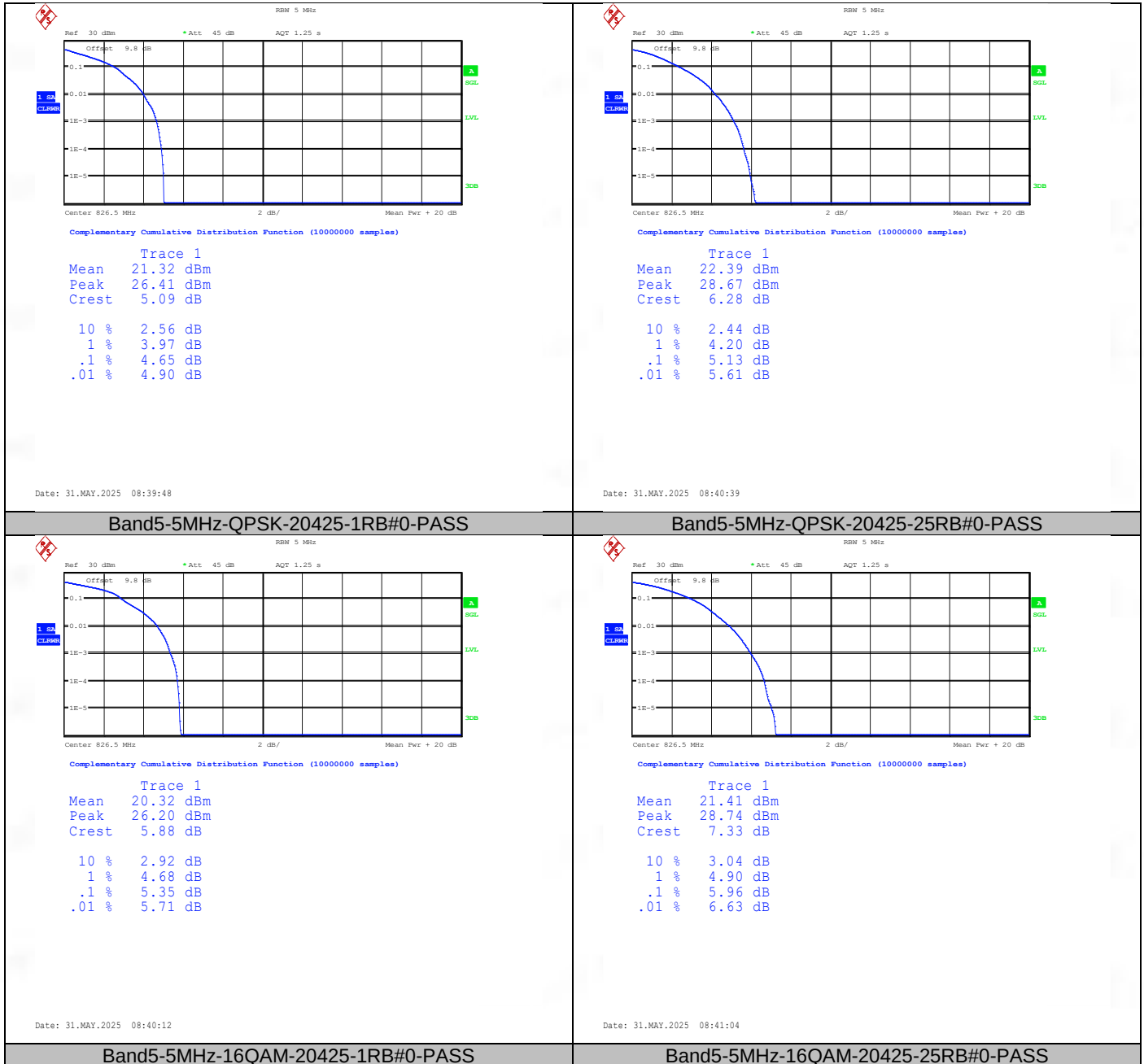


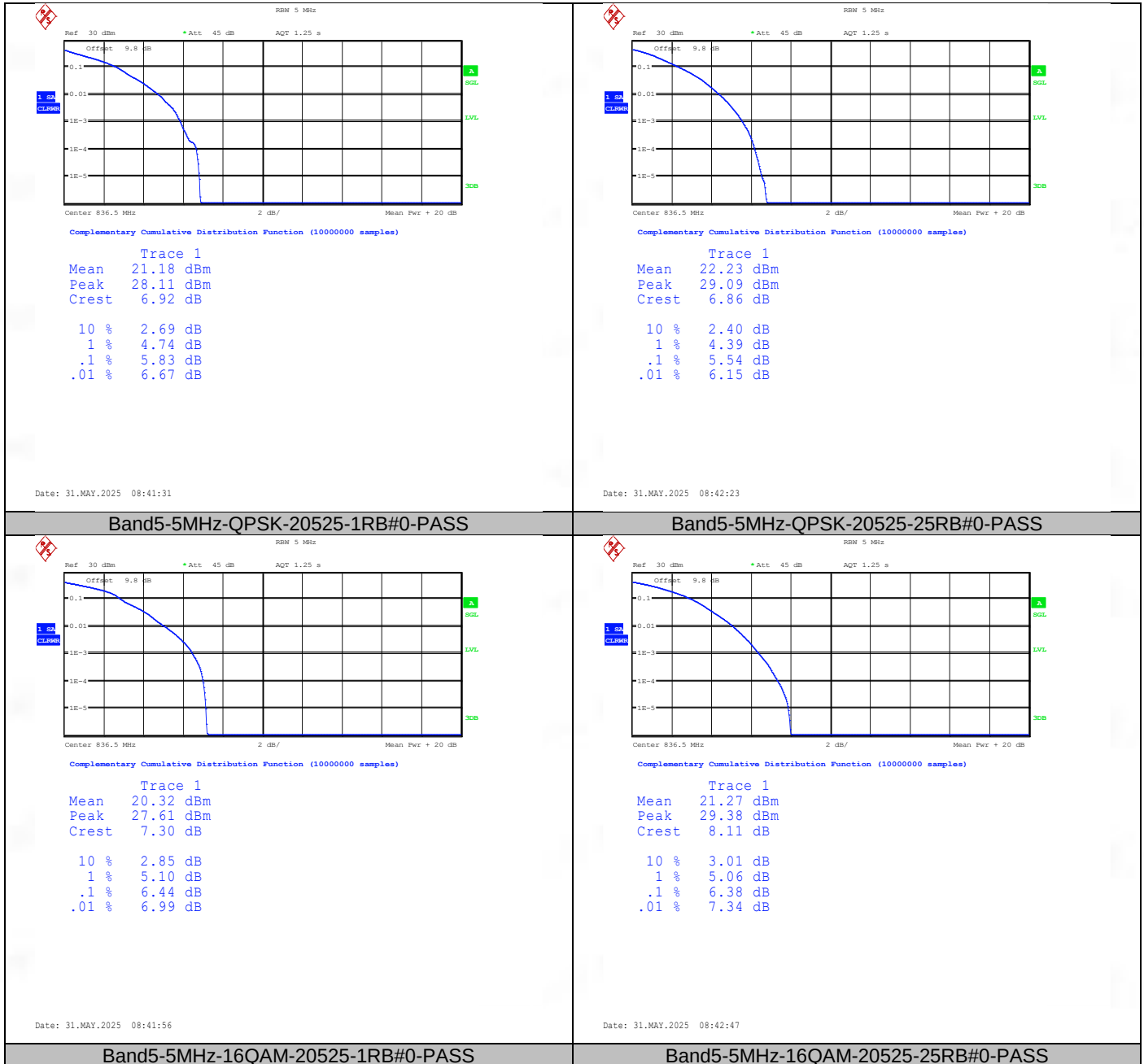


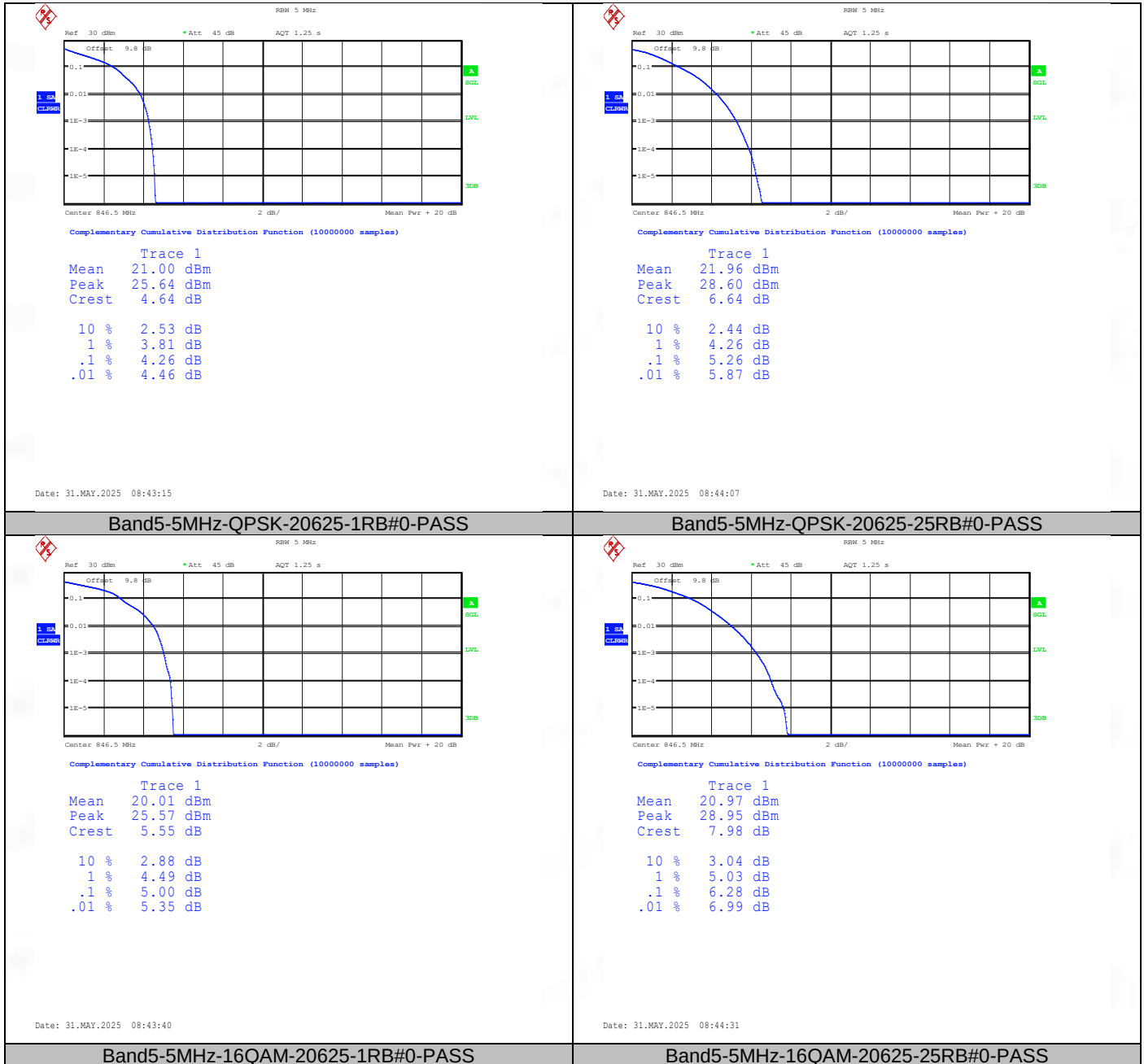


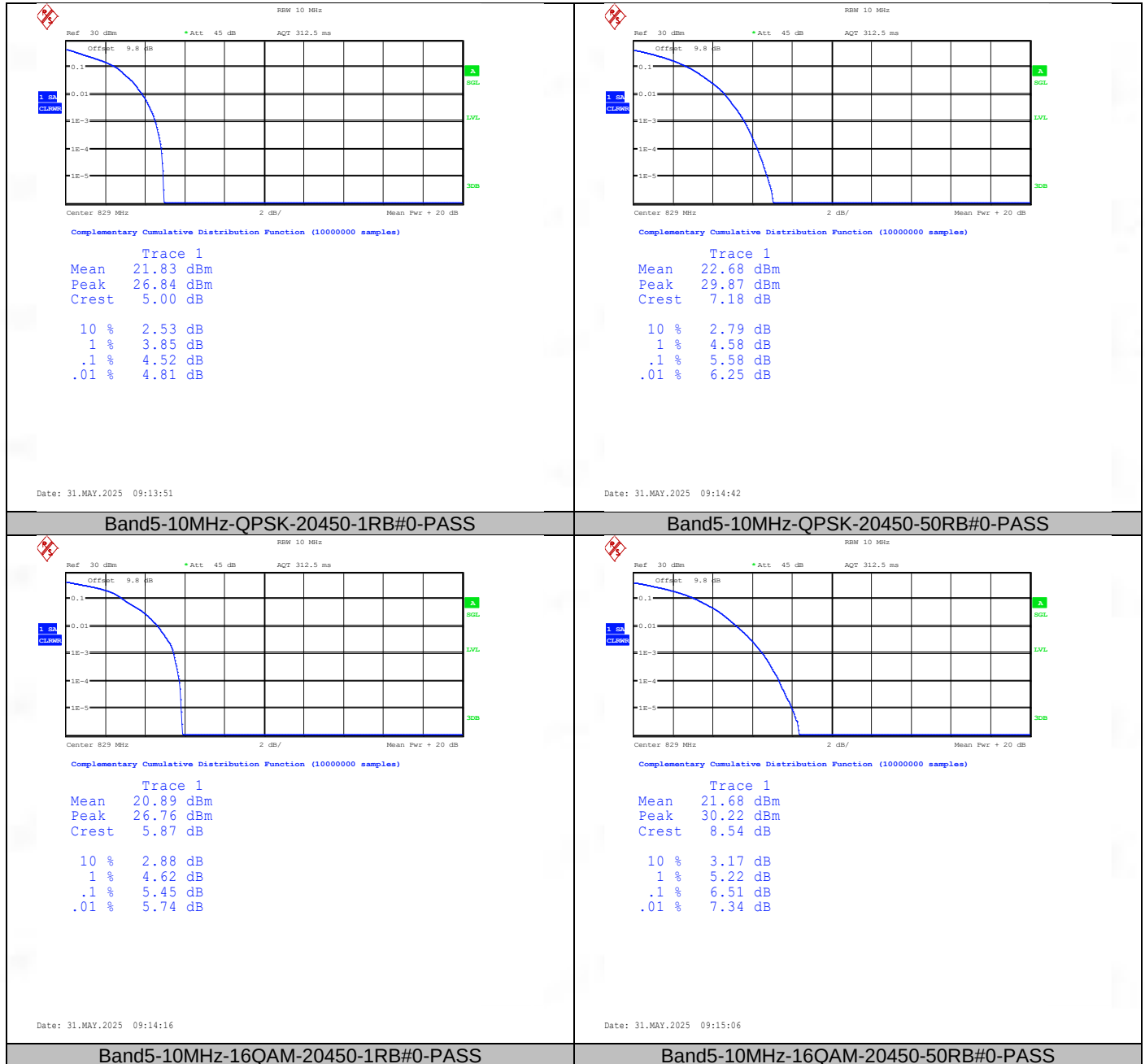


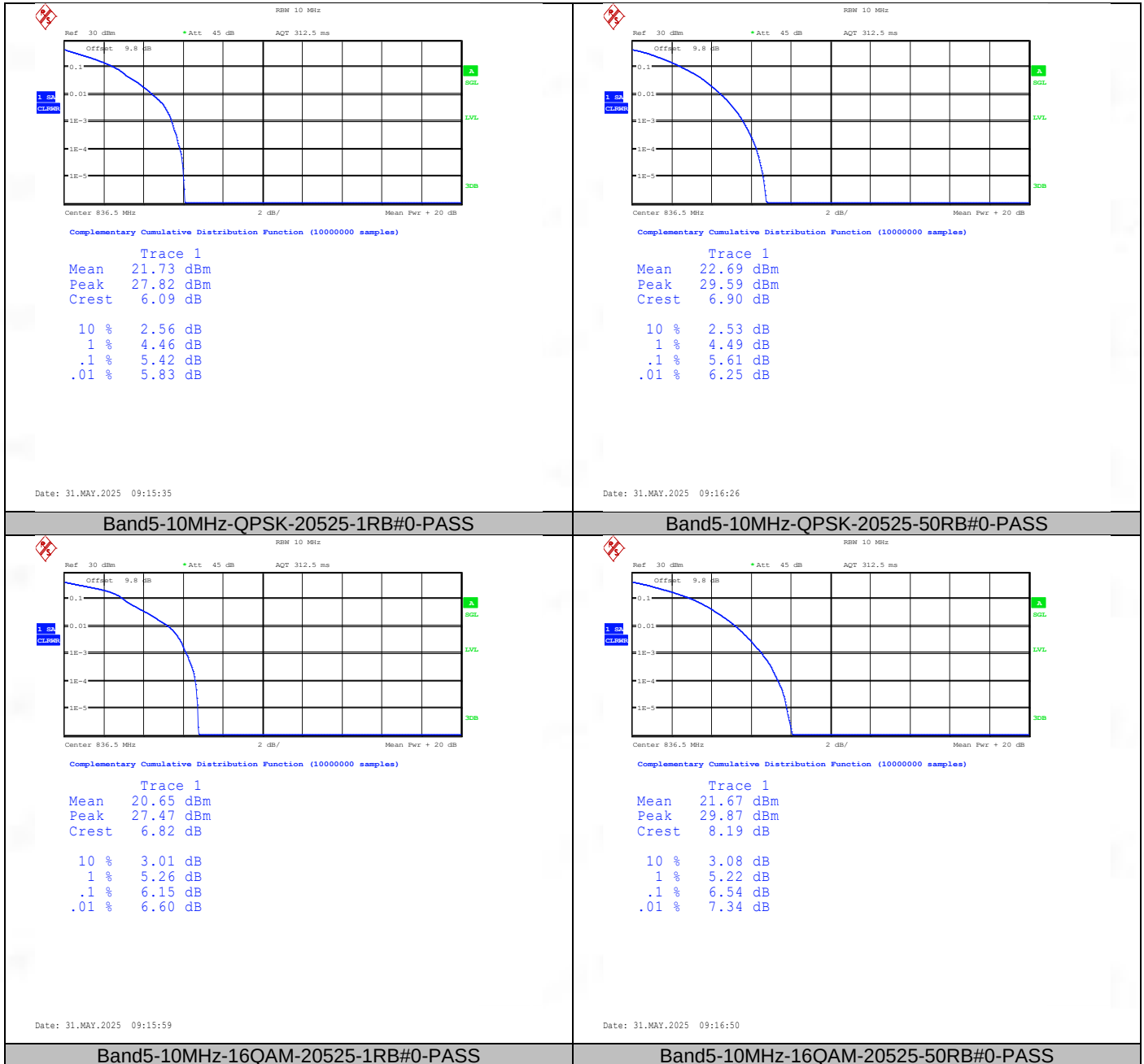


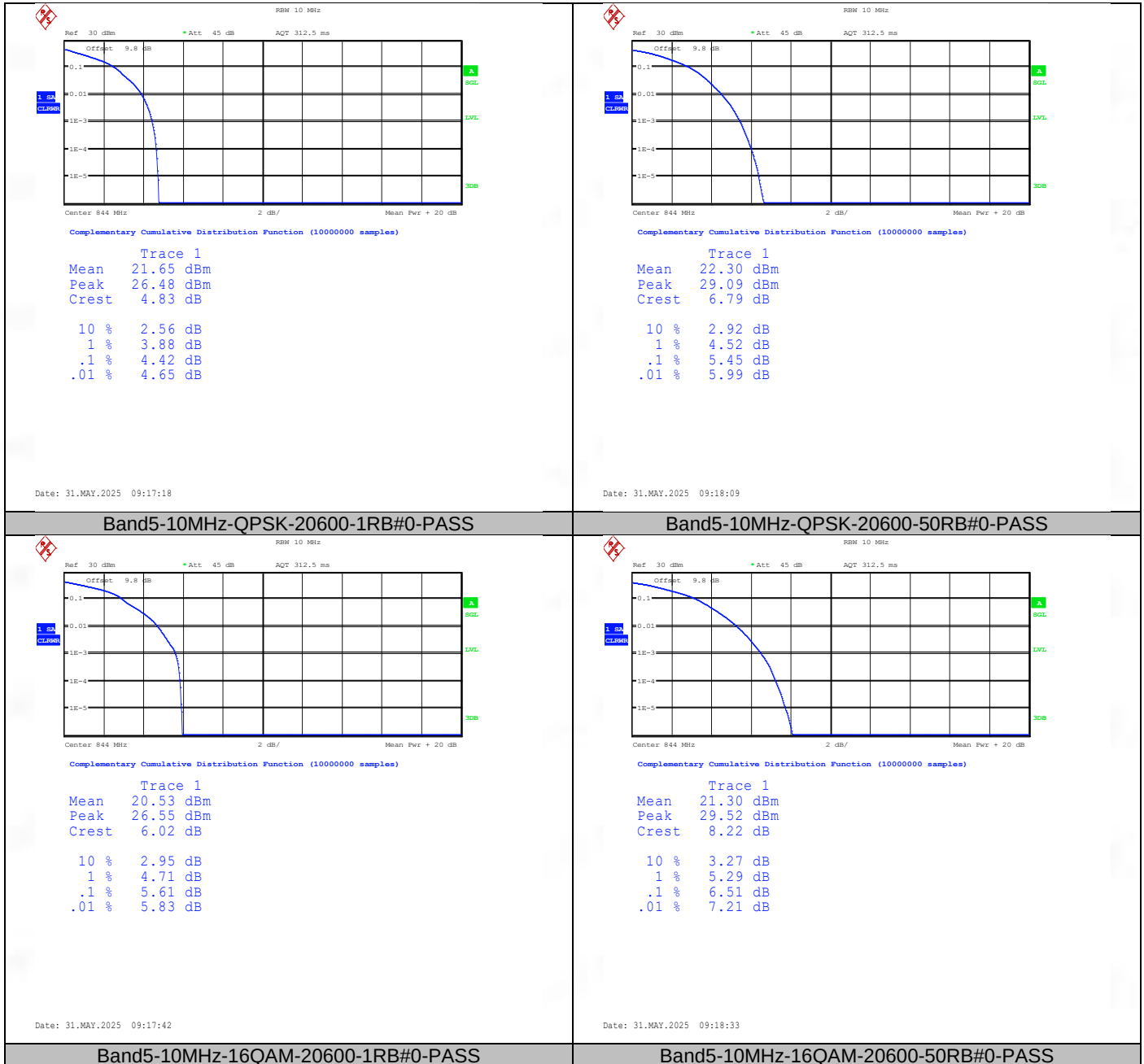










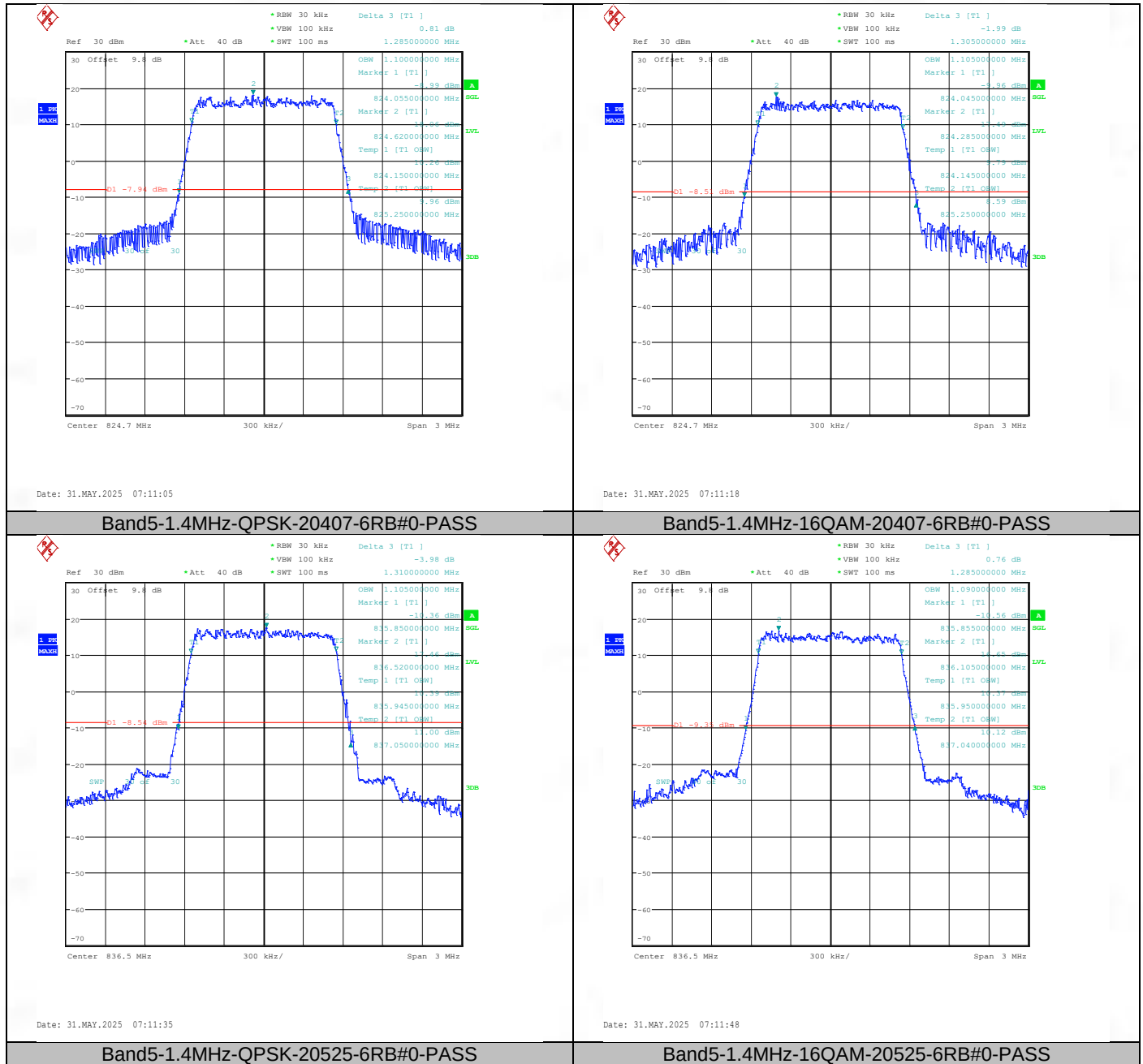


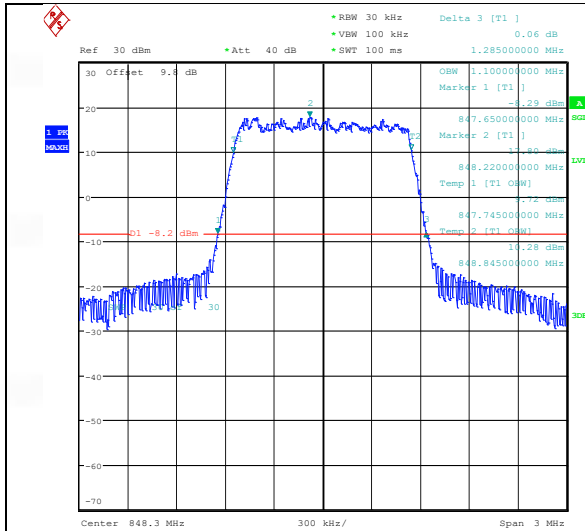
1.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

1.3.1 Test Result

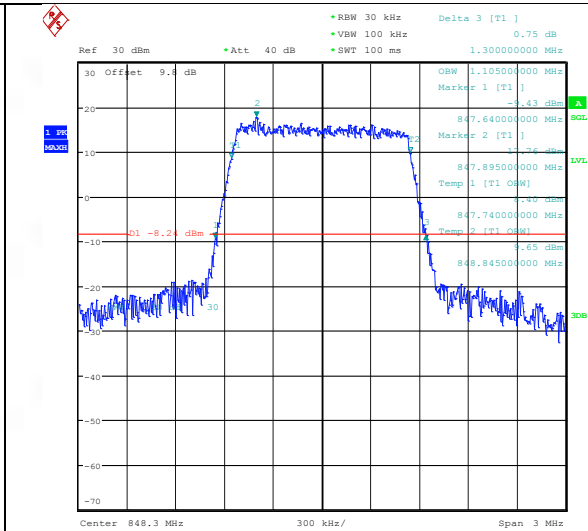
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.1	1.28	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.105	1.30	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.105	1.31	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.09	1.28	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1	1.28	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.105	1.30	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.69	3.00	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.68	2.99	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.69	2.96	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.69	2.96	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7	2.98	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7	2.96	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.51	4.93	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5	4.92	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5	4.92	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5	4.94	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5	4.91	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.51	4.92	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.967	9.87	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.967	9.77	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.033	9.90	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.033	9.87	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.933	9.77	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.967	9.80	PASS

1.3.2 Test Graphs



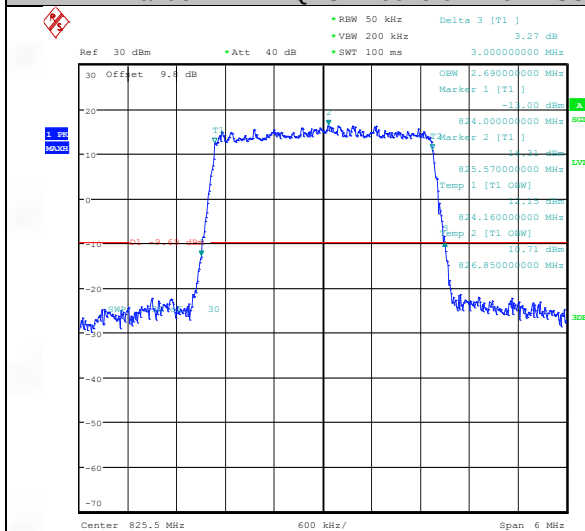


Date: 31.MAY.2025 07:12:04



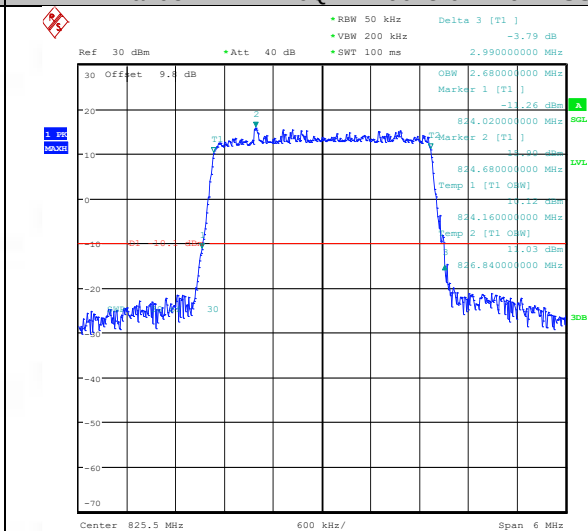
Date: 31.MAY.2025 07:12:18

Band5-1.4MHz-QPSK-20643-6RB#0-PASS



Date: 31.MAY.2025 07:45:16

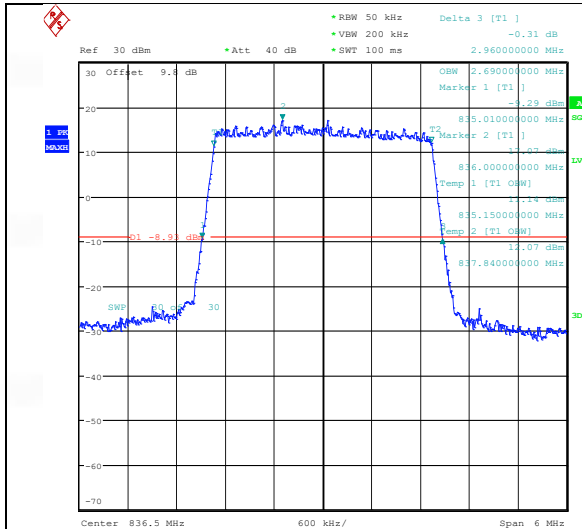
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



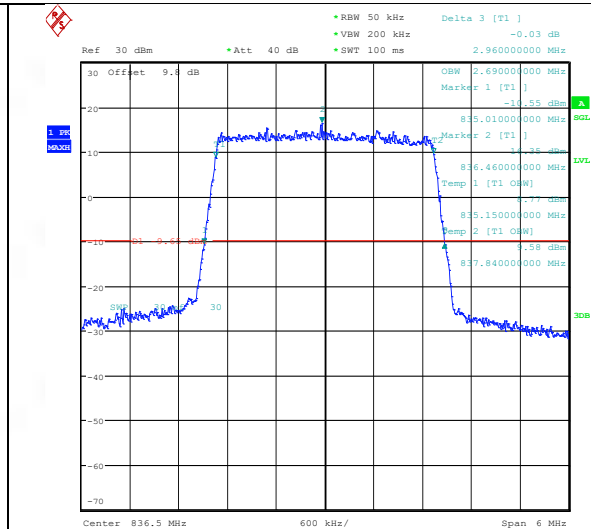
Date: 31.MAY.2025 07:45:28

Band5-3MHz-QPSK-20415-15RB#0-PASS

Band5-3MHz-16QAM-20415-15RB#0-PASS

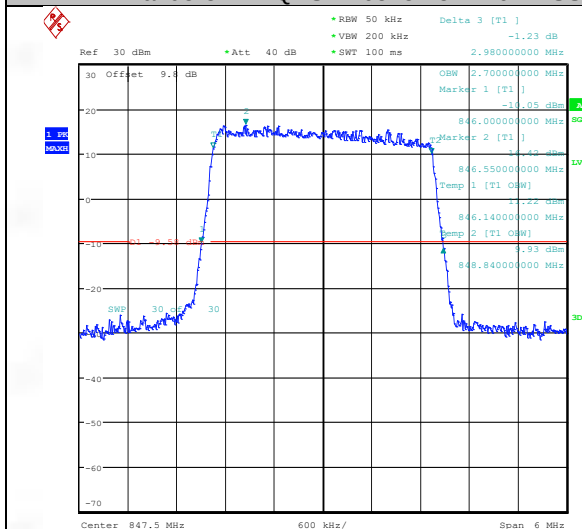


Date: 31.MAY.2025 07:45:45



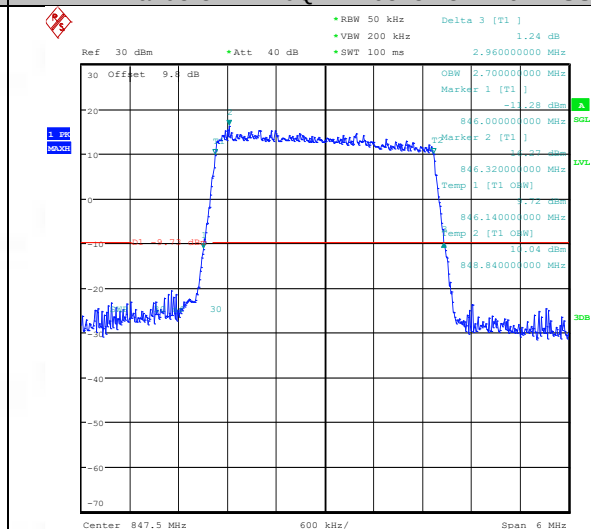
Date: 31.MAY.2025 07:45:58

Band5-3MHz-QPSK-20525-15RB#0-PASS



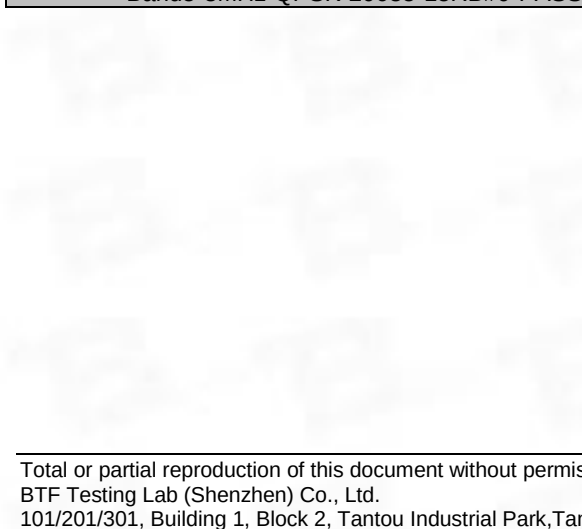
Date: 31.MAY.2025 07:46:15

Band5-3MHz-16QAM-20525-15RB#0-PASS



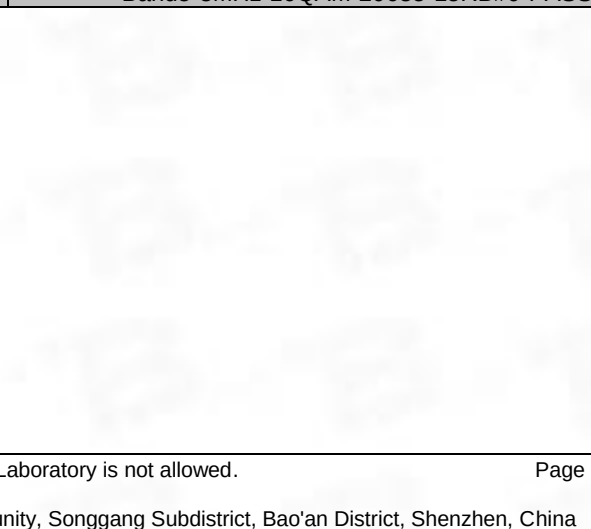
Date: 31.MAY.2025 07:46:28

Band5-3MHz-QPSK-20635-15RB#0-PASS

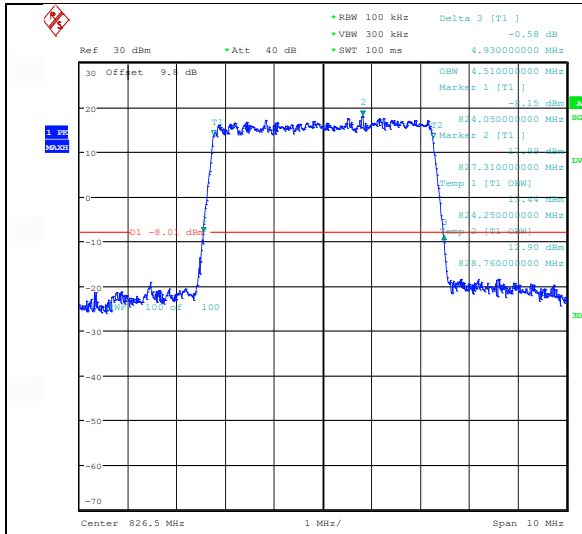


Date: 31.MAY.2025 07:46:15

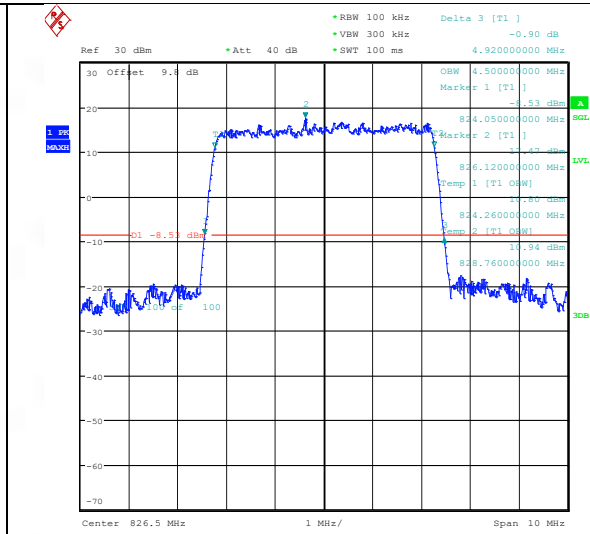
Band5-3MHz-16QAM-20635-15RB#0-PASS



Date: 31.MAY.2025 07:46:28

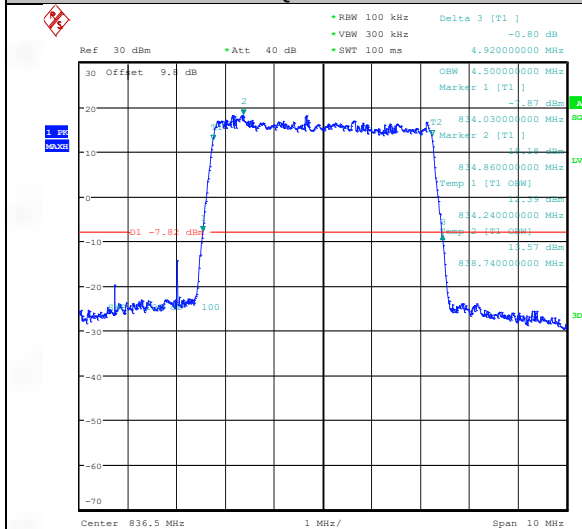


Date: 31.MAY.2025 08:19:42



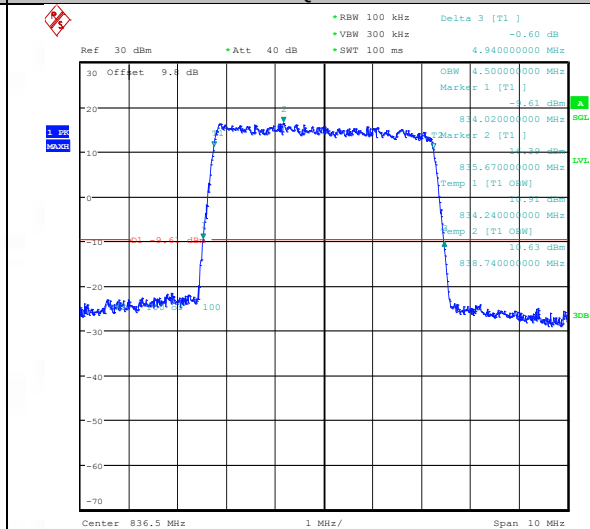
Date: 31.MAY.2025 08:20:02

Band5-5MHz-QPSK-20425-25RB#0-PASS



Date: 31.MAY.2025 08:20:30

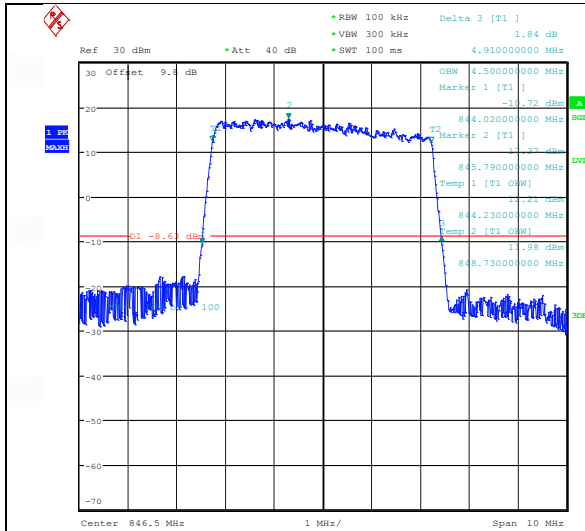
Band5-5MHz-16QAM-20425-25RB#0-PASS



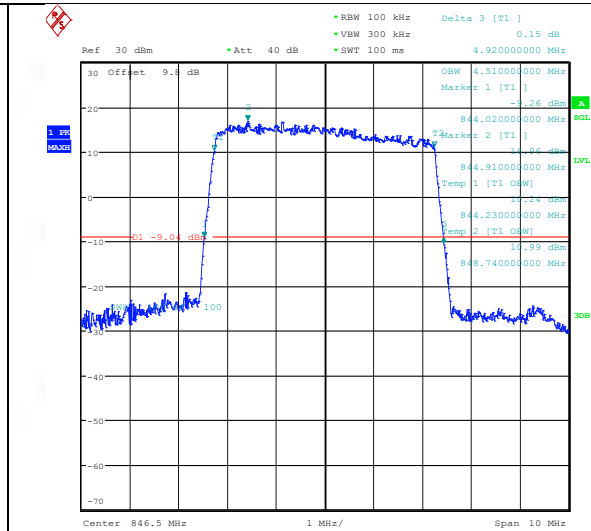
Date: 31.MAY.2025 08:20:54

Band5-5MHz-QPSK-20525-25RB#0-PASS

Band5-5MHz-16QAM-20525-25RB#0-PASS

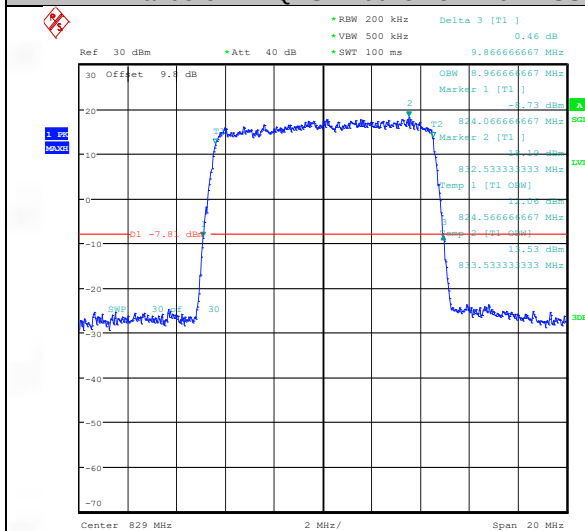


Date: 31.MAY.2025 08:21:19



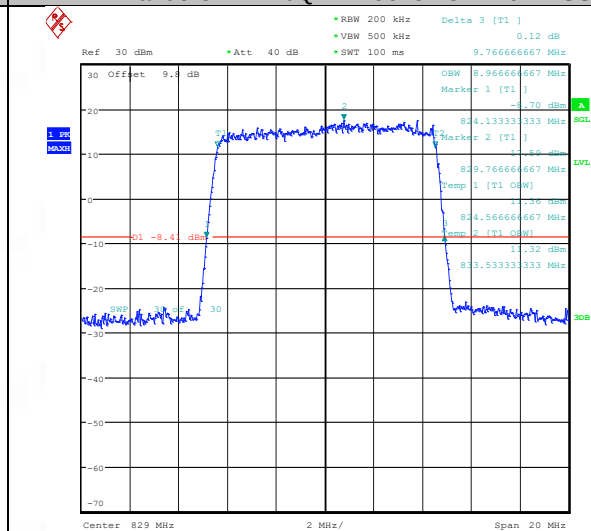
Date: 31.MAY.2025 08:21:40

Band5-5MHz-QPSK-20625-25RB#0-PASS



Date: 31.MAY.2025 08:54:17

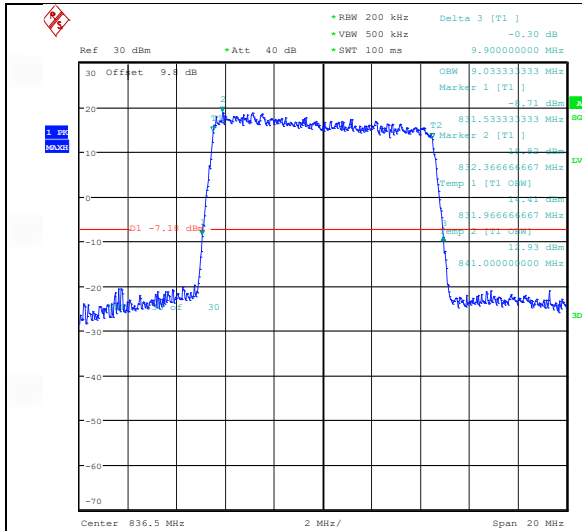
Band5-5MHz-16QAM-20625-25RB#0-PASS



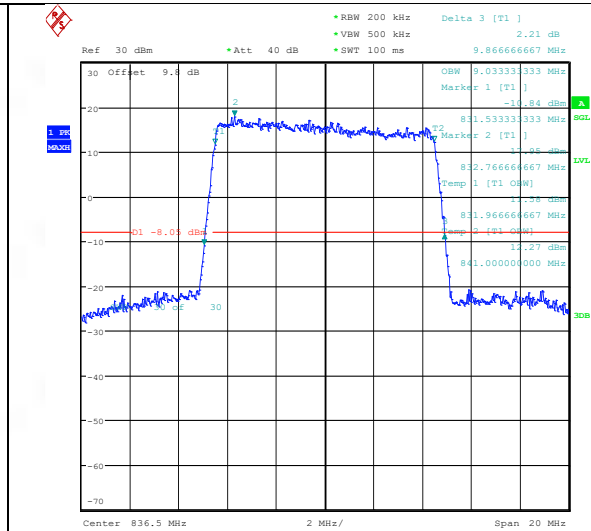
Date: 31.MAY.2025 08:54:30

Band5-10MHz-QPSK-20450-50RB#0-PASS

Band5-10MHz-16QAM-20450-50RB#0-PASS

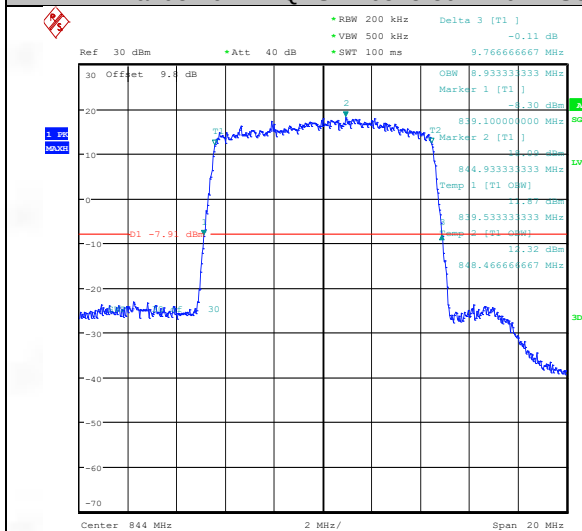


Date: 31.MAY.2025 08:54:48



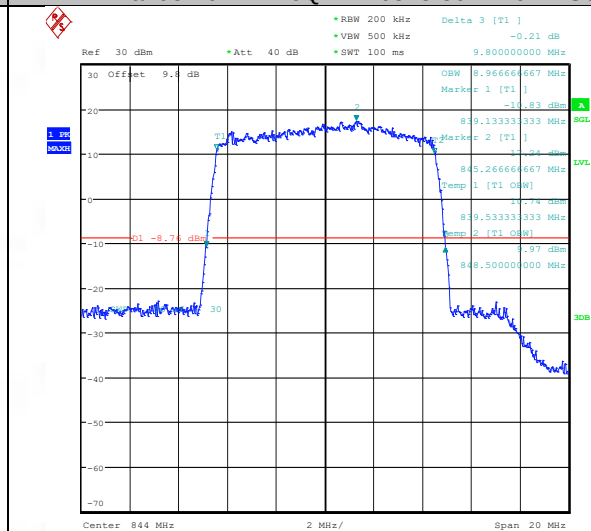
Date: 31.MAY.2025 08:55:02

Band5-10MHz-QPSK-20525-50RB#0-PASS



Date: 31.MAY.2025 08:55:19

Band5-10MHz-16QAM-20525-50RB#0-PASS



Date: 31.MAY.2025 08:55:33

Band5-10MHz-QPSK-20600-50RB#0-PASS

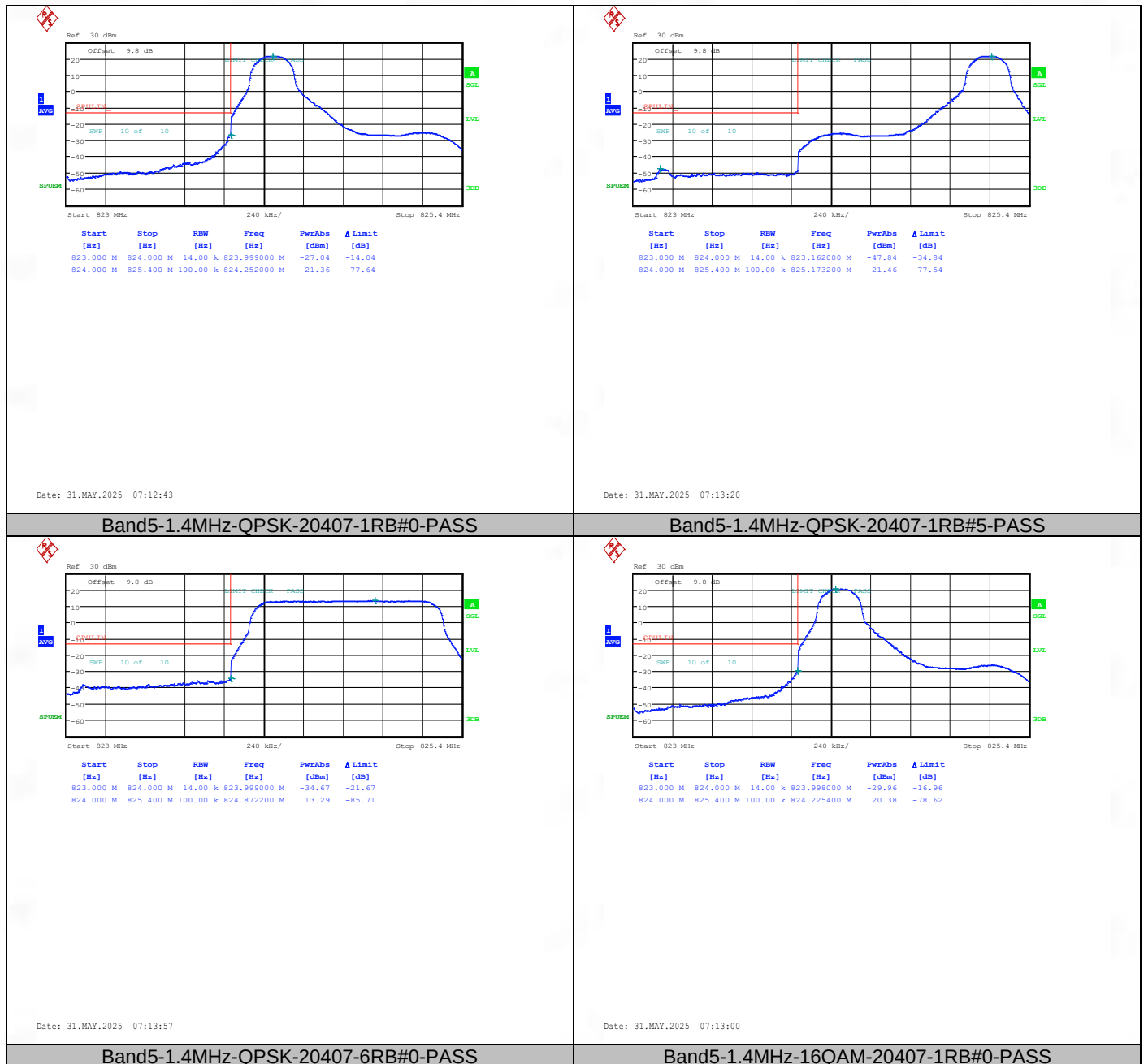
Band5-10MHz-16QAM-20600-50RB#0-PASS

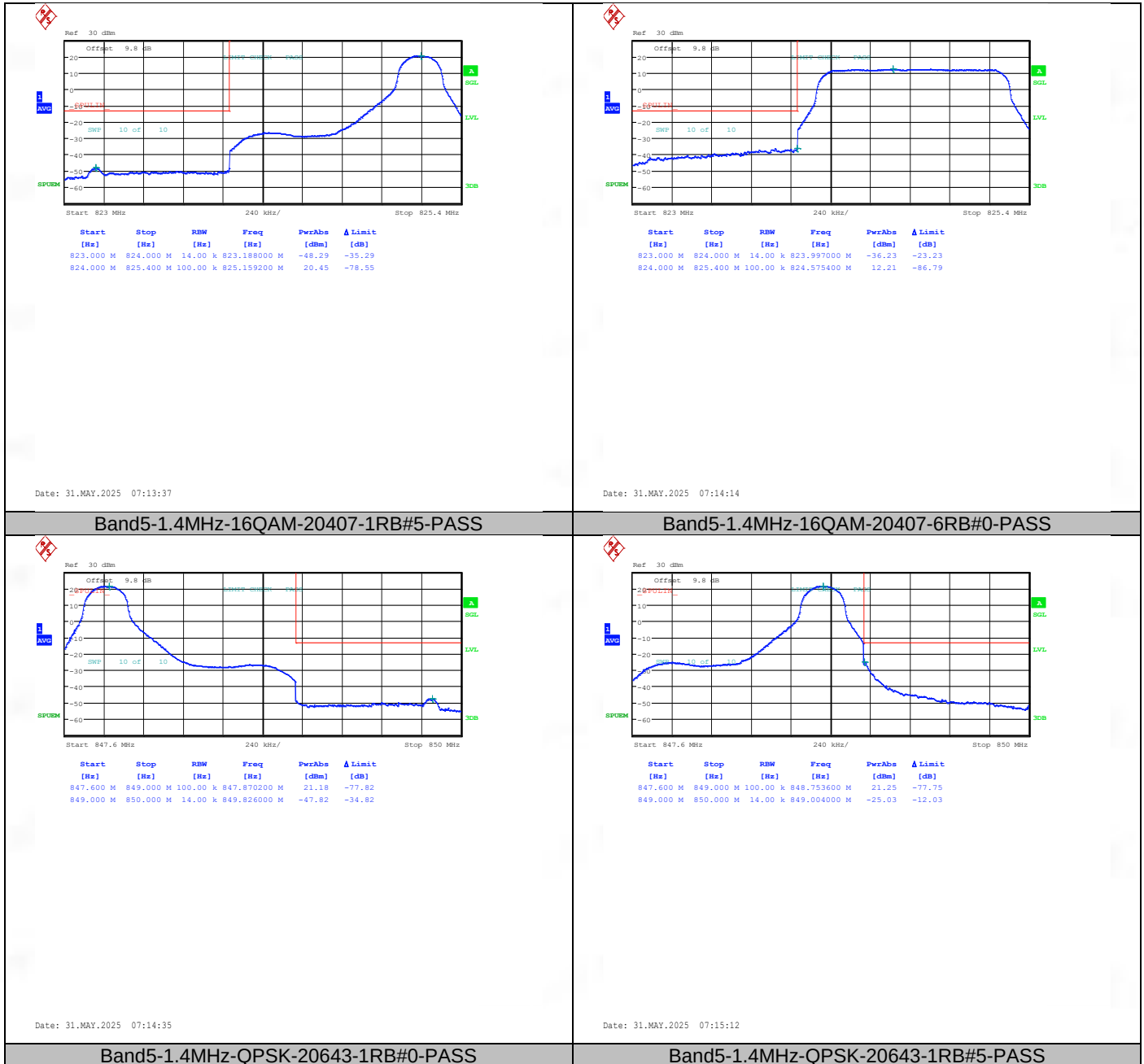
1.4 Appendix D: Band Edge

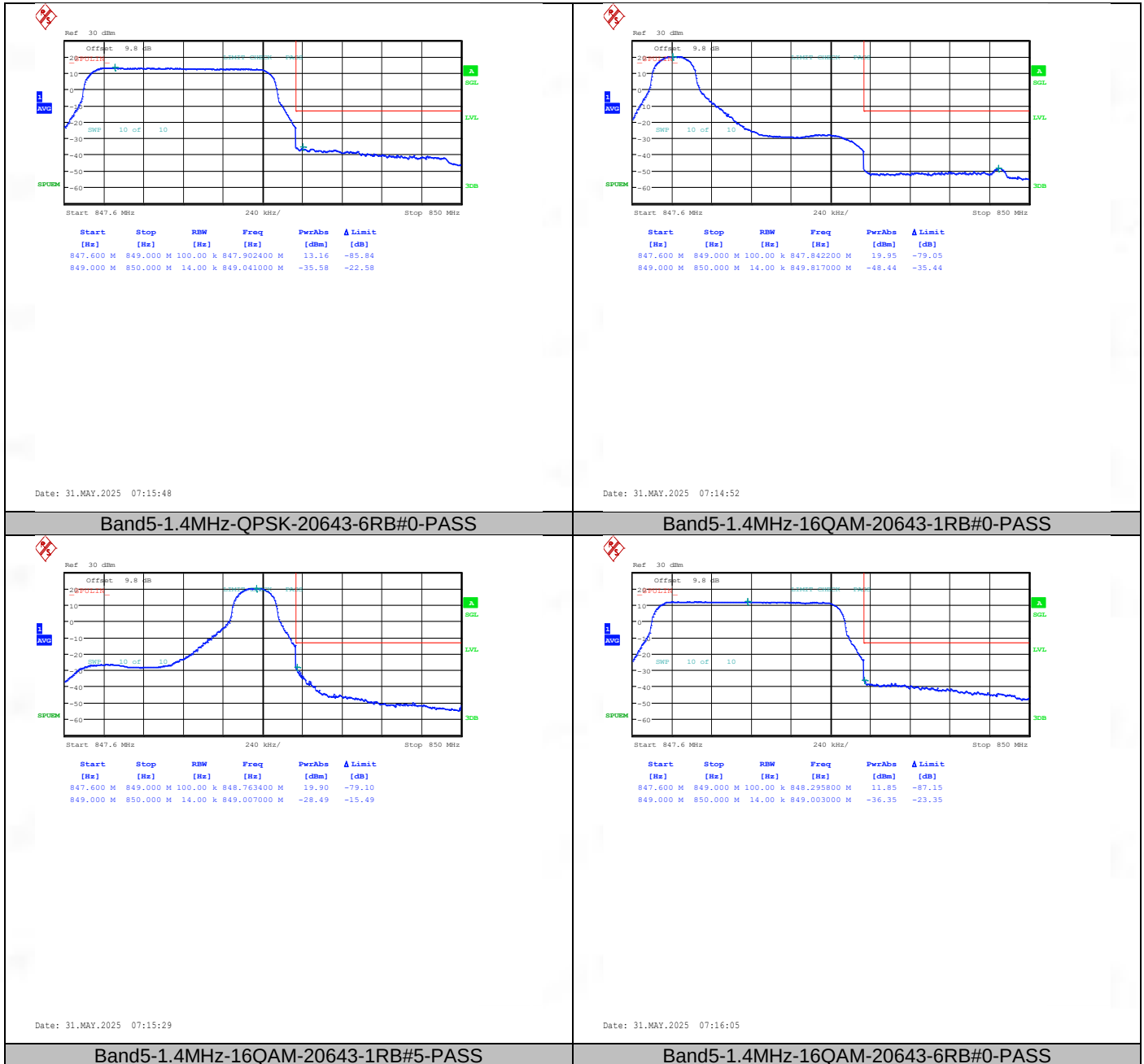
1.4.1 Test Result

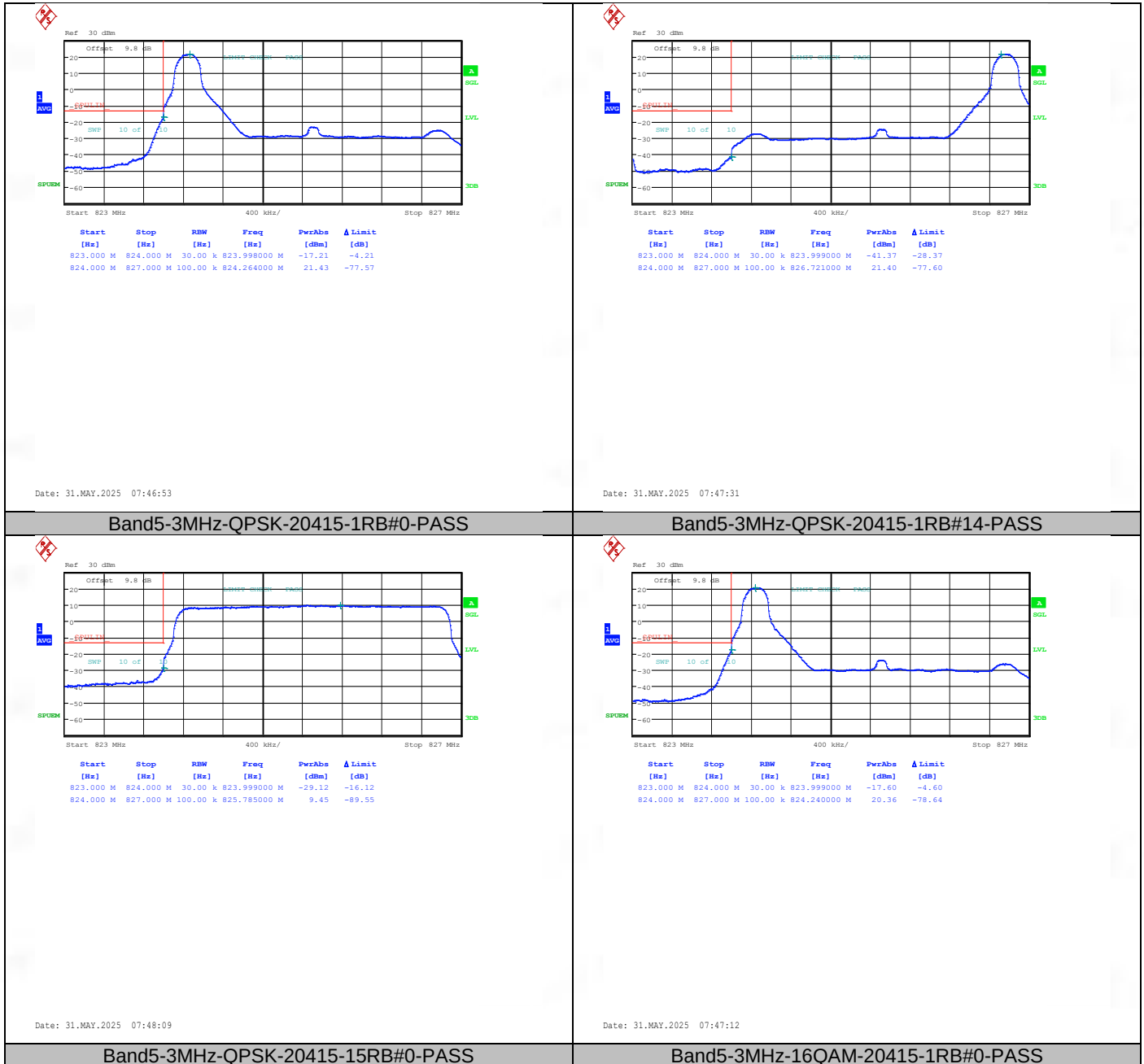
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	-27.04	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-47.84	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-34.67	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-29.96	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-48.29	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-36.23	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-47.82	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-25.03	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-35.58	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-48.44	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-28.49	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-36.35	PASS
Band5	3MHz	QPSK	20415	1RB#0	-17.21	PASS
Band5	3MHz	QPSK	20415	1RB#14	-41.37	PASS
Band5	3MHz	QPSK	20415	15RB#0	-29.12	PASS
Band5	3MHz	16QAM	20415	1RB#0	-17.60	PASS
Band5	3MHz	16QAM	20415	1RB#14	-41.58	PASS
Band5	3MHz	16QAM	20415	15RB#0	-31.05	PASS
Band5	3MHz	QPSK	20635	1RB#0	-43.51	PASS
Band5	3MHz	QPSK	20635	1RB#14	-16.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	-30.59	PASS
Band5	3MHz	16QAM	20635	1RB#0	-44.39	PASS
Band5	3MHz	16QAM	20635	1RB#14	-19.63	PASS
Band5	3MHz	16QAM	20635	15RB#0	-32.56	PASS
Band5	5MHz	QPSK	20425	1RB#0	-22.92	PASS
Band5	5MHz	QPSK	20425	1RB#24	-43.88	PASS
Band5	5MHz	QPSK	20425	25RB#0	-33.88	PASS
Band5	5MHz	16QAM	20425	1RB#0	-23.77	PASS
Band5	5MHz	16QAM	20425	1RB#24	-44.83	PASS
Band5	5MHz	16QAM	20425	25RB#0	-34.86	PASS
Band5	5MHz	QPSK	20625	1RB#0	-45.09	PASS
Band5	5MHz	QPSK	20625	1RB#24	-23.03	PASS
Band5	5MHz	QPSK	20625	25RB#0	-35.91	PASS
Band5	5MHz	16QAM	20625	1RB#0	-46.21	PASS
Band5	5MHz	16QAM	20625	1RB#24	-24.52	PASS
Band5	5MHz	16QAM	20625	25RB#0	-36.52	PASS
Band5	10MHz	QPSK	20450	1RB#0	-26.34	PASS
Band5	10MHz	QPSK	20450	1RB#49	-43.42	PASS
Band5	10MHz	QPSK	20450	50RB#0	-38.19	PASS
Band5	10MHz	16QAM	20450	1RB#0	-27.48	PASS
Band5	10MHz	16QAM	20450	1RB#49	-44.01	PASS
Band5	10MHz	16QAM	20450	50RB#0	-38.74	PASS
Band5	10MHz	QPSK	20600	1RB#0	-42.18	PASS
Band5	10MHz	QPSK	20600	1RB#49	-26.43	PASS
Band5	10MHz	QPSK	20600	50RB#0	-38.79	PASS
Band5	10MHz	16QAM	20600	1RB#0	-43.09	PASS
Band5	10MHz	16QAM	20600	1RB#49	-27.61	PASS
Band5	10MHz	16QAM	20600	50RB#0	-38.46	PASS

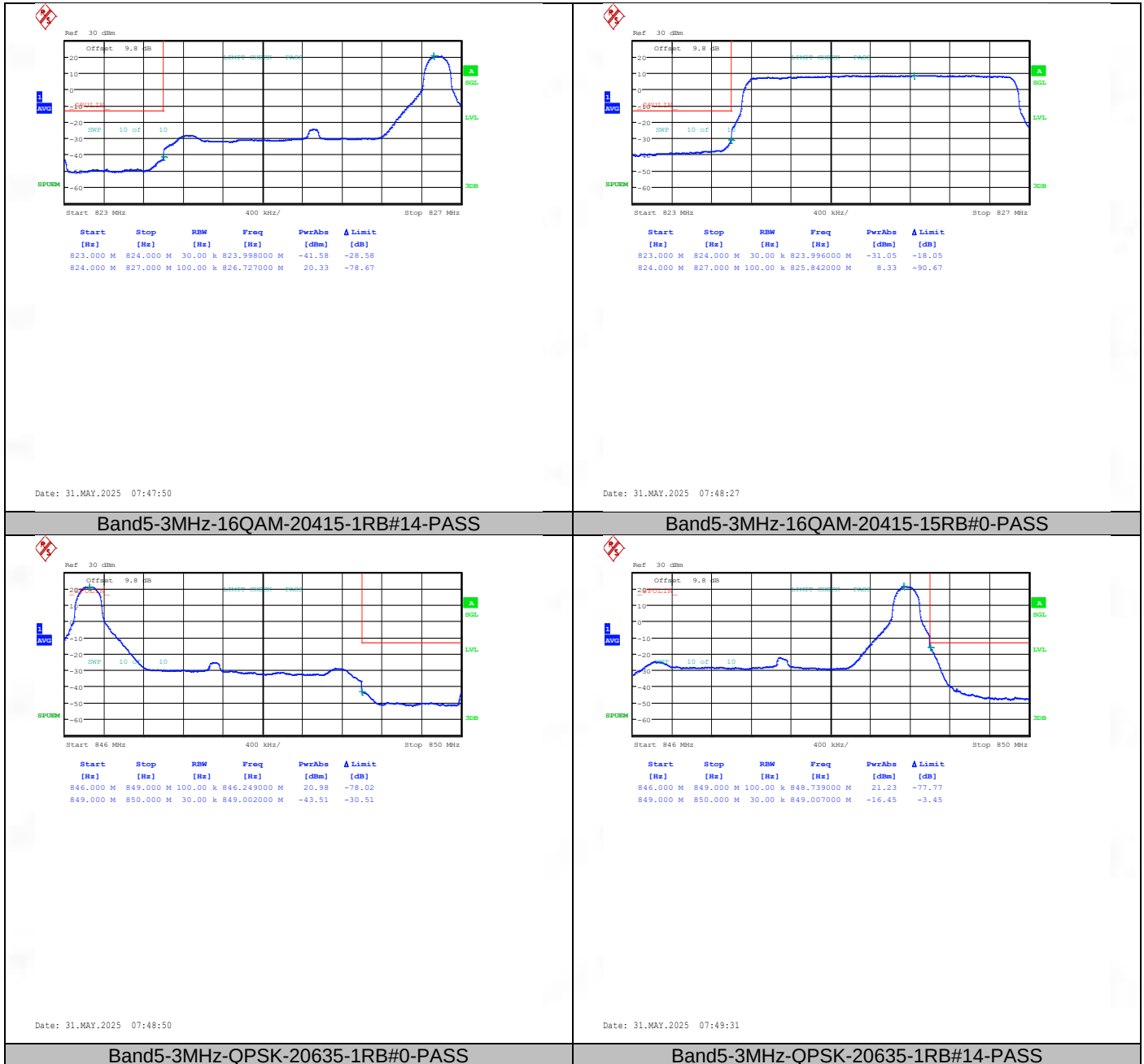
1.4.2 Test Graphs

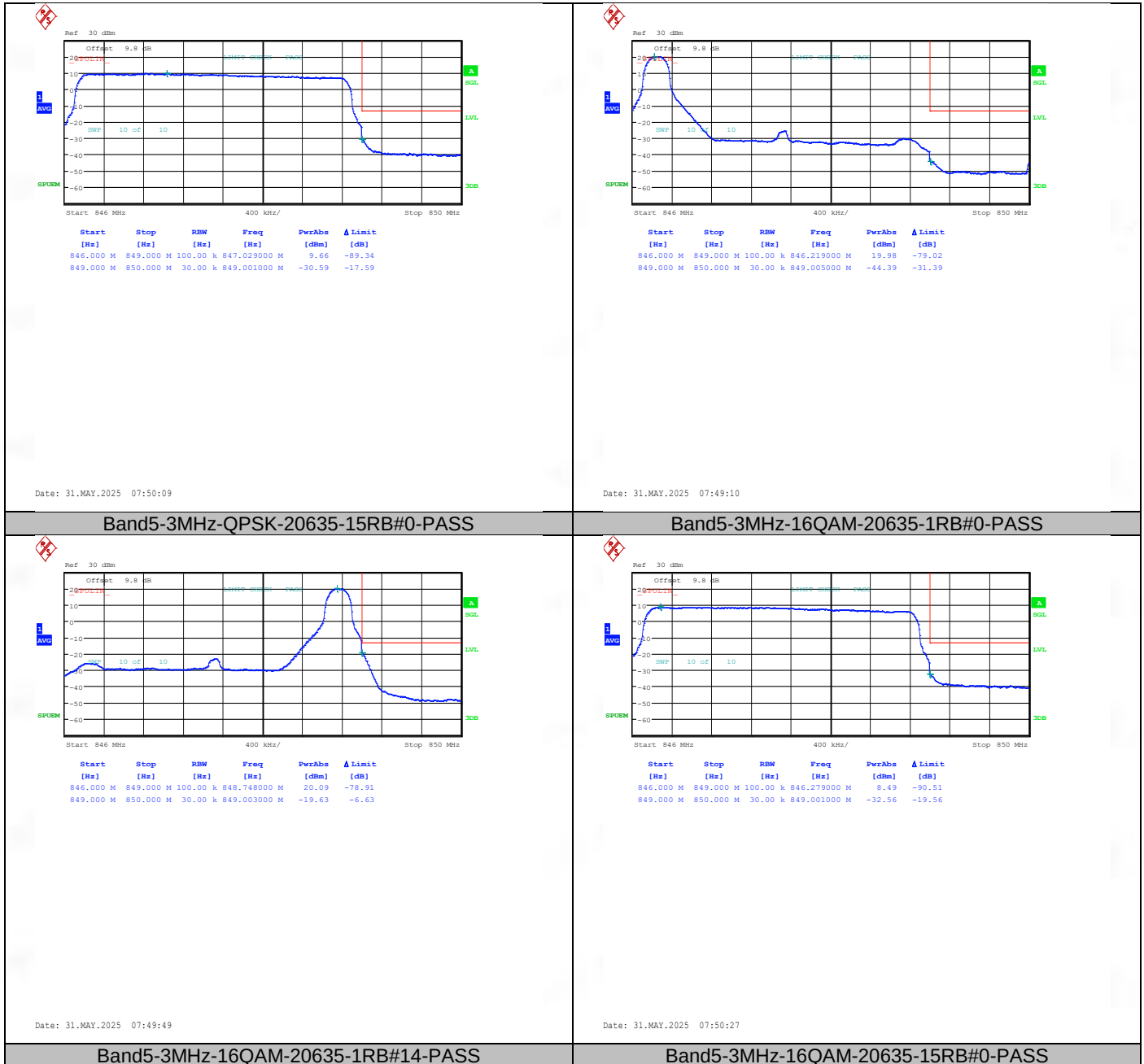


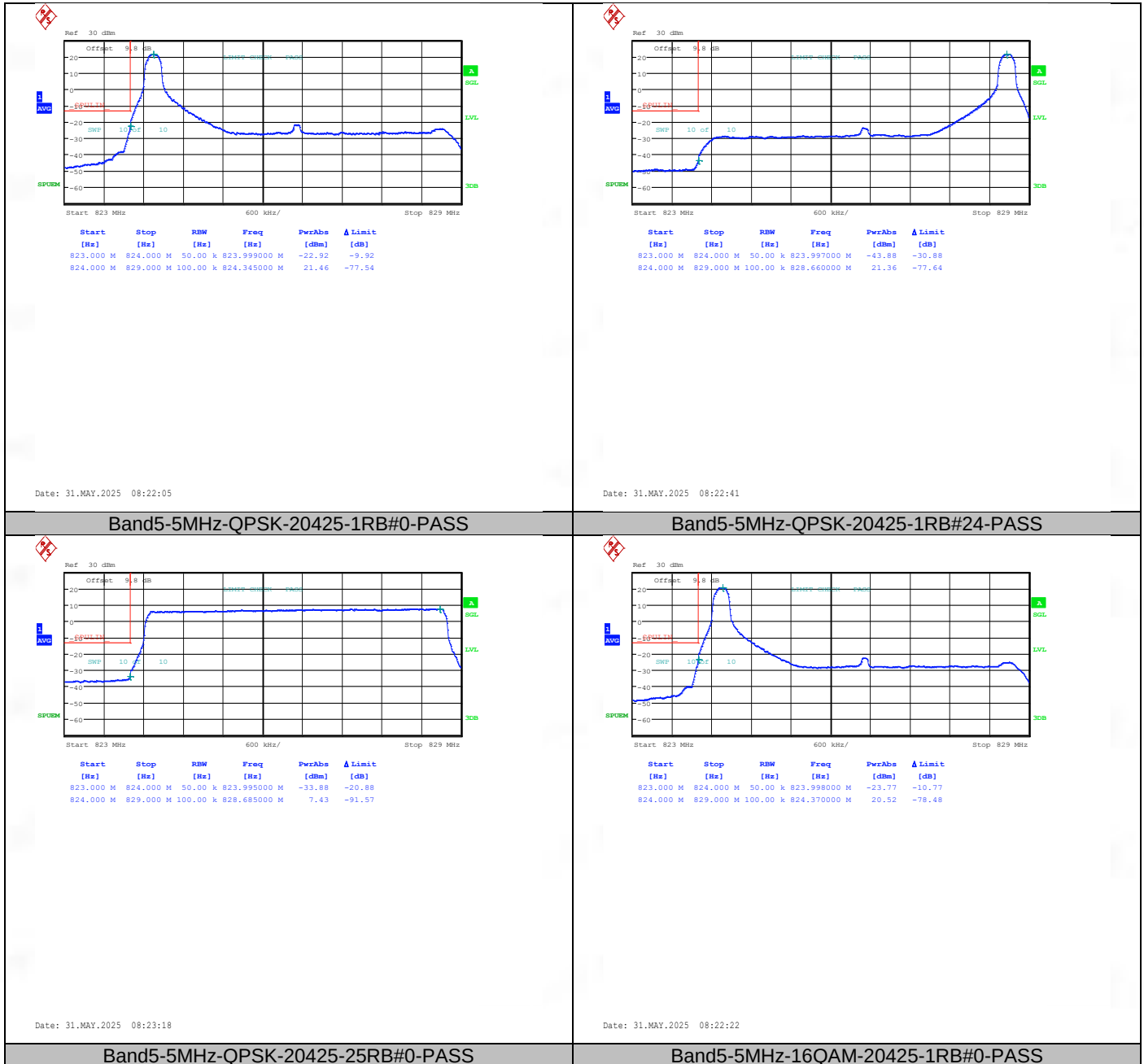


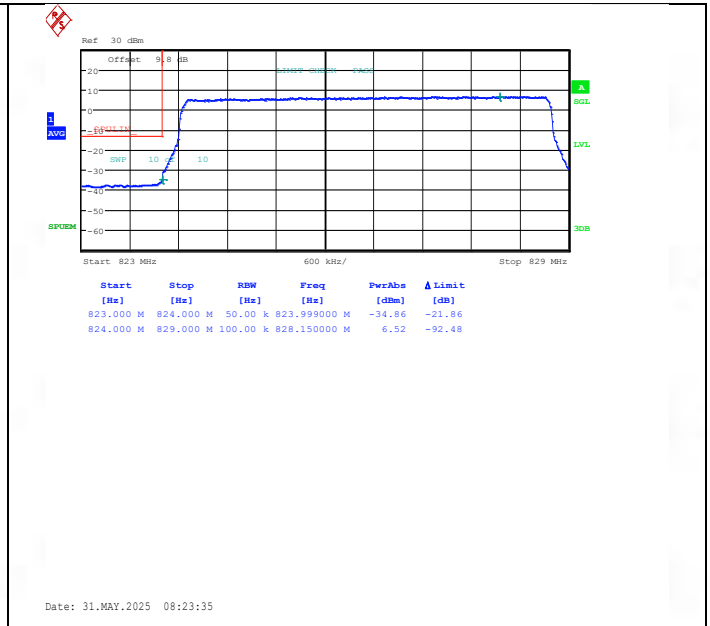






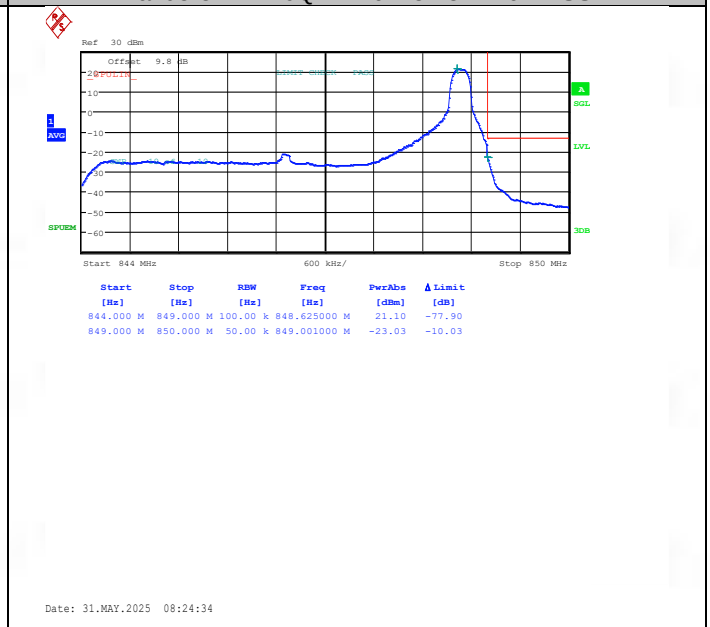
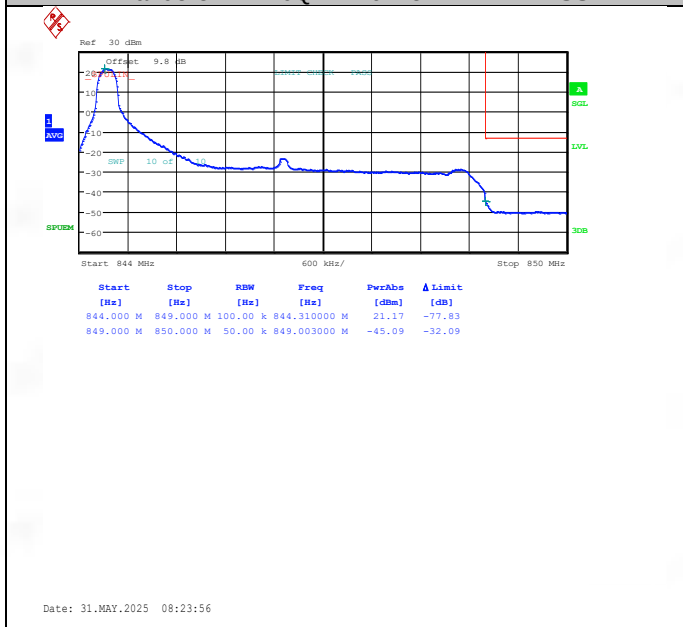






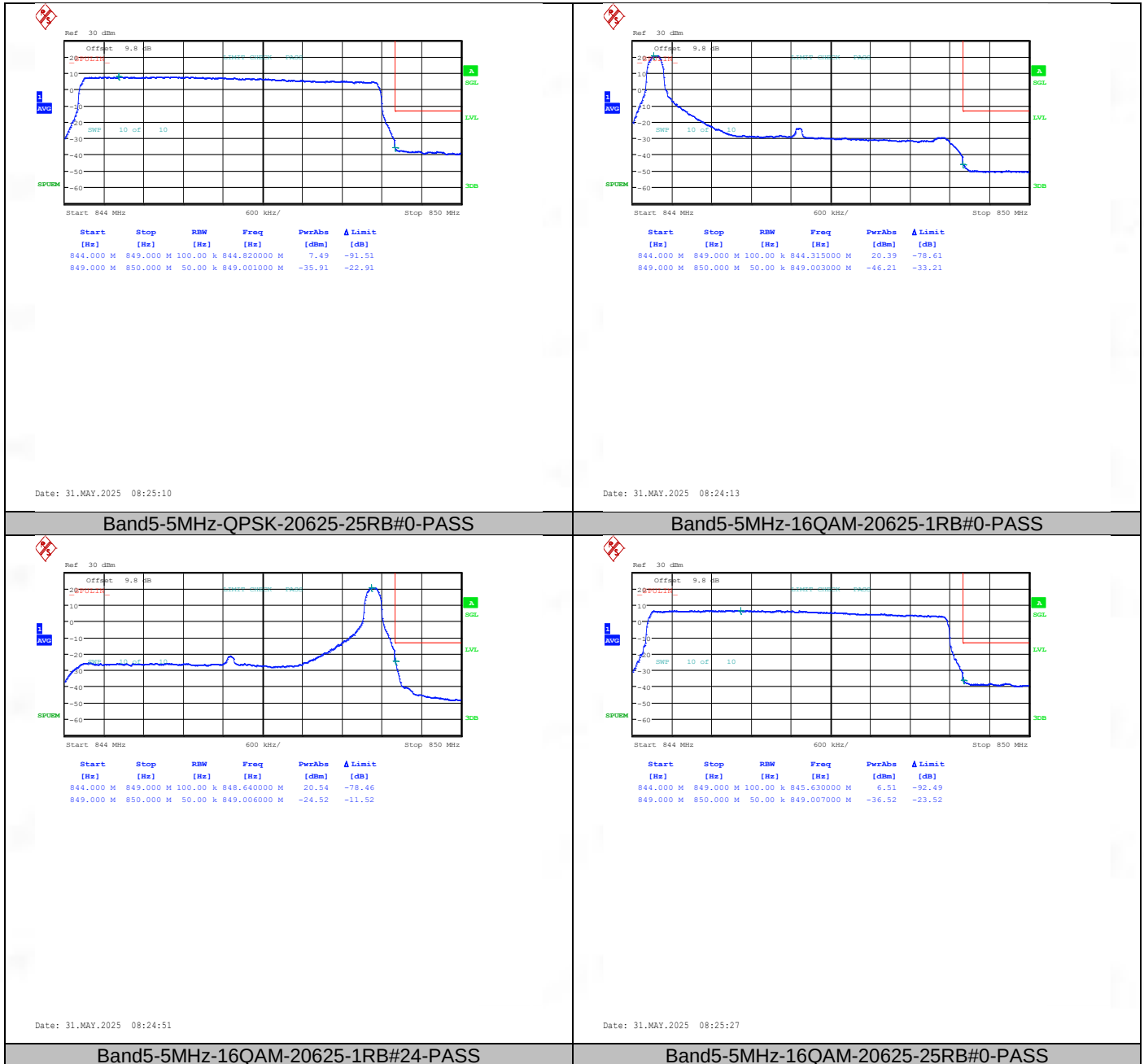
Band5-5MHz-16QAM-20425-1RB#24-PASS

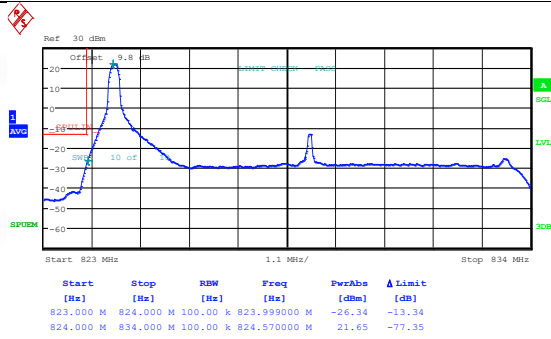
Band5-5MHz-16QAM-20425-25RB#0-PASS



Band5-5MHz-QPSK-20625-1RB#0-PASS

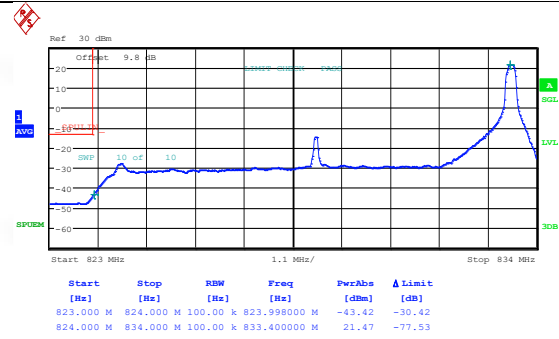
Band5-5MHz-QPSK-20625-1RB#24-PASS





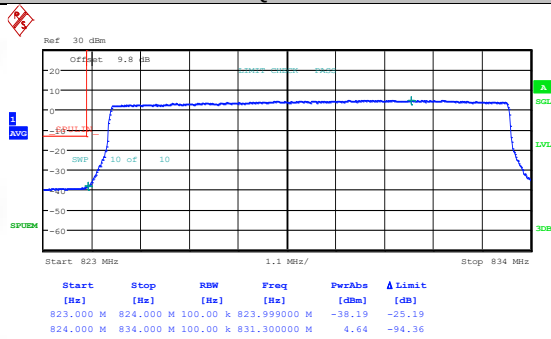
Date: 31.MAY.2025 08:55:58

Band5-10MHz-QPSK-20450-1RB#0-PASS



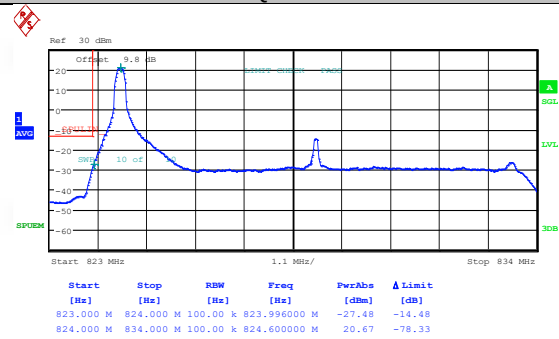
Date: 31.MAY.2025 08:56:35

Band5-10MHz-QPSK-20450-1RB#49-PASS



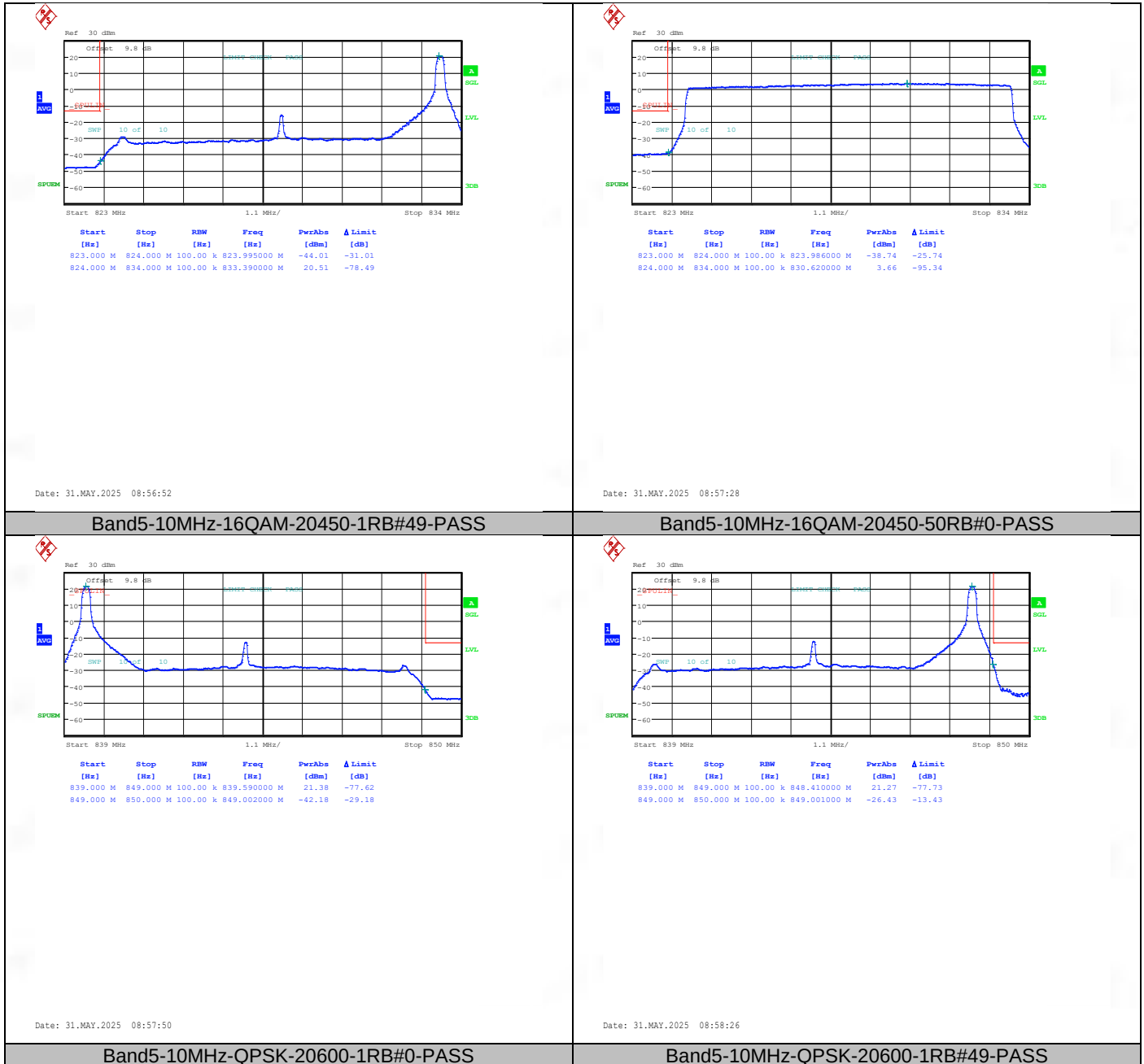
Date: 31.MAY.2025 08:57:11

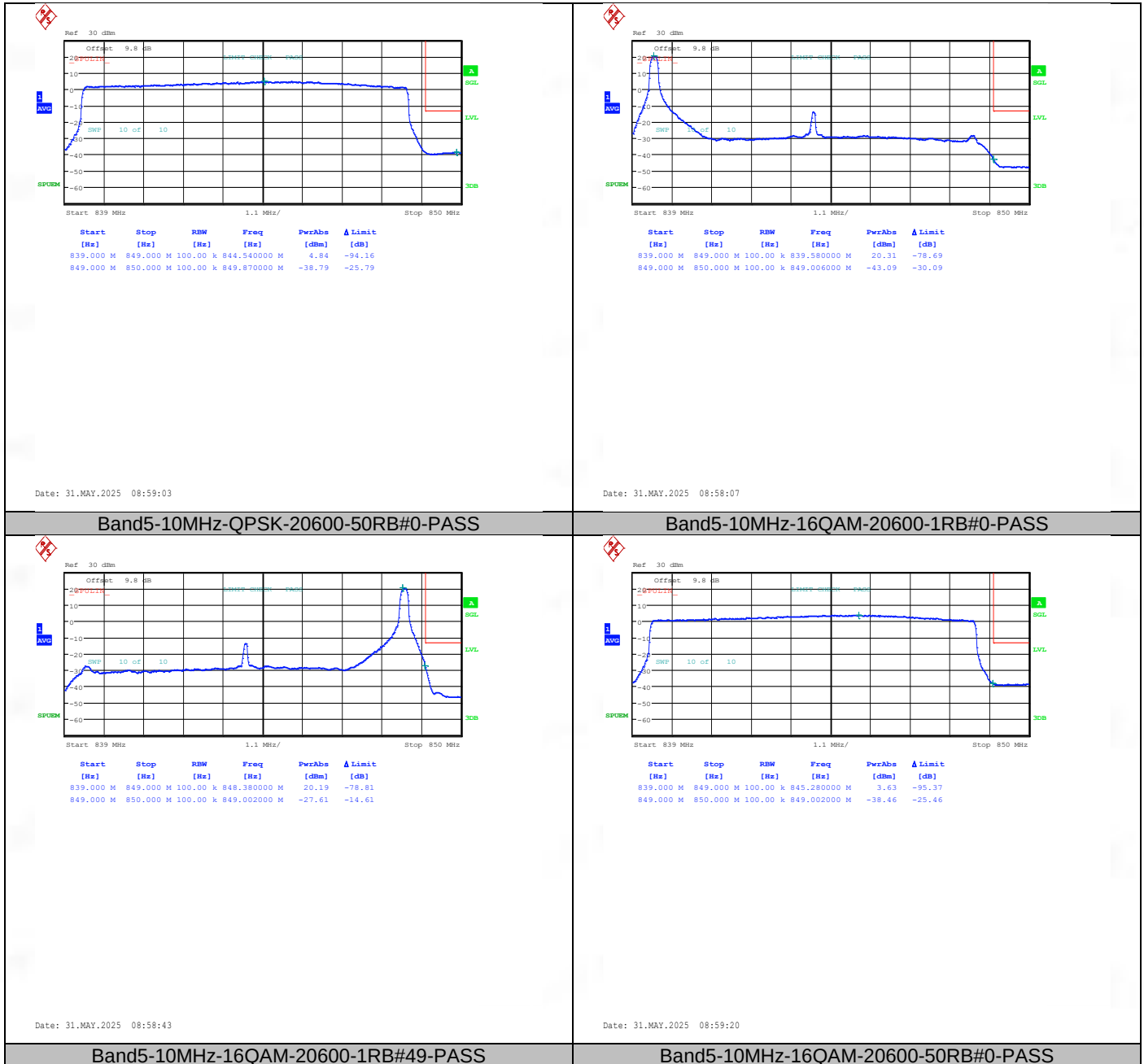
Band5-10MHz-QPSK-20450-50RB#0-PASS



Date: 31.MAY.2025 08:56:15

Band5-10MHz-16QAM-20450-1RB#0-PASS





1.5 Appendix E: Conducted Spurious Emission

1.5.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-61.47	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-62.99	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-46.22	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-40.05	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-46.43	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-62.99	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-63.11	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-46.10	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-41.32	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-46.30	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-60.43	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-63.51	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-46.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-39.73	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-46.09	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-61.77	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-63.28	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-46.52	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-41.10	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-45.96	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-62.00	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-62.74	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-45.03	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-42.12	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-46.00	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-62.00	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-63.20	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-45.74	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-43.81	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-46.02	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-62.76	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-62.95	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-48.62	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-39.93	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-46.15	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-61.81	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-62.60	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-48.72	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-41.82	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-45.97	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-62.62	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-63.14	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-47.94	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-40.47	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-45.64	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-62.82	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-63.01	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-48.23	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-41.83	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-45.89	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-61.66	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-62.89	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-48.93	PASS

Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-40.82	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-45.98	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-61.62	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-63.20	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-48.73	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-41.88	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-45.95	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-61.83	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-63.47	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-48.86	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-40.64	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-45.85	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-61.07	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-63.00	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-48.98	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-41.59	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-46.10	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-62.09	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-63.18	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-48.85	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-40.66	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-46.13	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-61.82	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-63.13	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-48.78	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-41.96	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-45.98	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-62.00	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-62.97	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-48.80	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-40.97	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-45.97	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-61.12	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-63.28	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-48.64	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-42.14	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-46.01	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-61.07	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-62.35	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-48.84	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-38.89	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-45.89	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-62.98	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-63.22	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-48.84	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-40.14	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-45.84	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-61.77	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-62.47	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-48.85	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-38.96	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-46.08	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-60.34	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-63.05	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-48.90	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-40.07	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-46.04	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-62.27	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-62.70	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-48.76	PASS

Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-40.16	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-46.02	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-61.44	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-62.89	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-48.84	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-41.56	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-45.98	PASS

1.5.2 Test Graphs

