

Appendix for LTE BAND 4

Product Name: HTC Smartphone

Model No: Wildfire E7

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.26	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.39	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.22	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.31	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.35	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.34	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.24	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.04	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.46	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.09	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.15	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.12	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.09	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.10	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.28	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.08	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.20	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.27	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.19	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.21	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.01	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.29	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	20.98	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	20.97	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.09	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	20.92	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.31	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.49	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.33	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.37	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.45	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.38	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.44	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.18	PASS

Band4	1.4MHz	16QAM	20393	1RB#2	21.45	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.16	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.16	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.31	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.16	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.34	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.30	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.37	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.29	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.35	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.32	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.28	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.29	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.35	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.23	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.28	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.34	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.32	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.32	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.32	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.24	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.25	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.20	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.28	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.28	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.26	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.24	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.28	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.15	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.21	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.29	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.27	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.22	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.23	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.43	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.47	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.44	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.45	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.53	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.48	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.41	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.44	PASS

Band4	3MHz	16QAM	20385	1RB#8	21.35	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.44	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.46	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.45	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.43	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.41	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.21	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.39	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.23	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.22	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.29	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.19	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.24	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.12	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.26	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.16	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.21	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.30	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.14	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.24	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.21	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.27	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.06	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.11	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.23	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.07	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.15	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.08	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.26	PASS
Band4	5MHz	16QAM	20175	1RB#24	20.98	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.08	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.15	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.03	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.17	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.33	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.56	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.36	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.36	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.42	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.30	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.34	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.24	PASS

Band4	5MHz	16QAM	20375	1RB#12	21.41	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.23	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.26	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.39	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.25	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.33	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.26	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.56	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.31	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.39	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.36	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.31	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.35	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.24	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.43	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.28	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.36	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.37	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.24	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.32	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.27	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.40	PASS
Band4	10MHz	QPSK	20175	1RB#49	21.98	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.30	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.22	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.20	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.22	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.30	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.32	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.05	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.27	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.24	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.18	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.19	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.26	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.62	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.40	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.39	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.44	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.45	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.38	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.32	PASS

Band4	10MHz	16QAM	20350	1RB#24	21.46	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.37	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.33	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.39	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.40	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.36	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.18	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.41	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.15	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.40	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.42	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.40	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.42	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.17	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.29	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.17	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.42	PASS
Band4	15MHz	16QAM	20025	38RB#18	20.37	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.42	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.32	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.15	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.14	PASS
Band4	15MHz	QPSK	20175	1RB#74	21.81	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.13	PASS
Band4	15MHz	QPSK	20175	38RB#18	20.93	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.22	PASS
Band4	15MHz	QPSK	20175	75RB#0	20.92	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.16	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.08	PASS
Band4	15MHz	16QAM	20175	1RB#74	20.82	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.02	PASS
Band4	15MHz	16QAM	20175	38RB#18	20.02	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.18	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.14	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.08	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.26	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.12	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.31	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.34	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.29	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.30	PASS
Band4	15MHz	16QAM	20325	1RB#0	20.90	PASS

Band4	15MHz	16QAM	20325	1RB#38	21.07	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.14	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.30	PASS
Band4	15MHz	16QAM	20325	38RB#18	20.30	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.31	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.23	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.09	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.67	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.06	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.50	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.46	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.23	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.35	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.97	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.52	PASS
Band4	20MHz	16QAM	20050	1RB#99	20.93	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.49	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.39	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.21	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.33	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.09	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.29	PASS
Band4	20MHz	QPSK	20175	1RB#99	21.81	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.31	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.13	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.14	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.19	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.33	PASS
Band4	20MHz	16QAM	20175	1RB#99	20.65	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.31	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.12	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.11	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.23	PASS
Band4	20MHz	QPSK	20300	1RB#0	21.94	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.29	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.06	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.06	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.18	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.23	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.13	PASS
Band4	20MHz	16QAM	20300	1RB#0	20.88	PASS

Band4	20MHz	16QAM	20300	1RB#49	21.33	PASS
Band4	20MHz	16QAM	20300	1RB#99	20.93	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.06	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.17	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.17	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.11	PASS

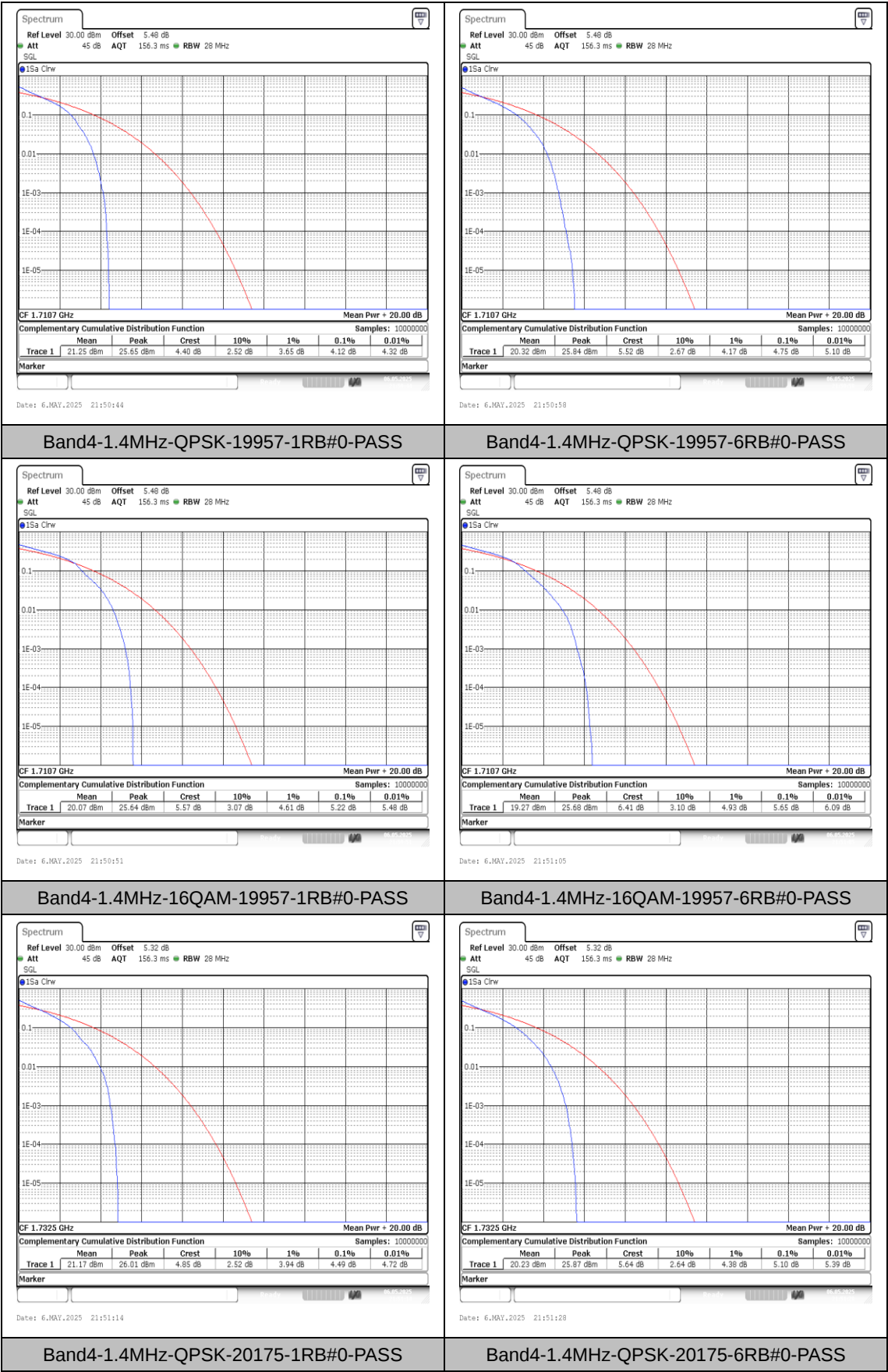
Appendix B: Peak-to-Average Ratio(CCDF)

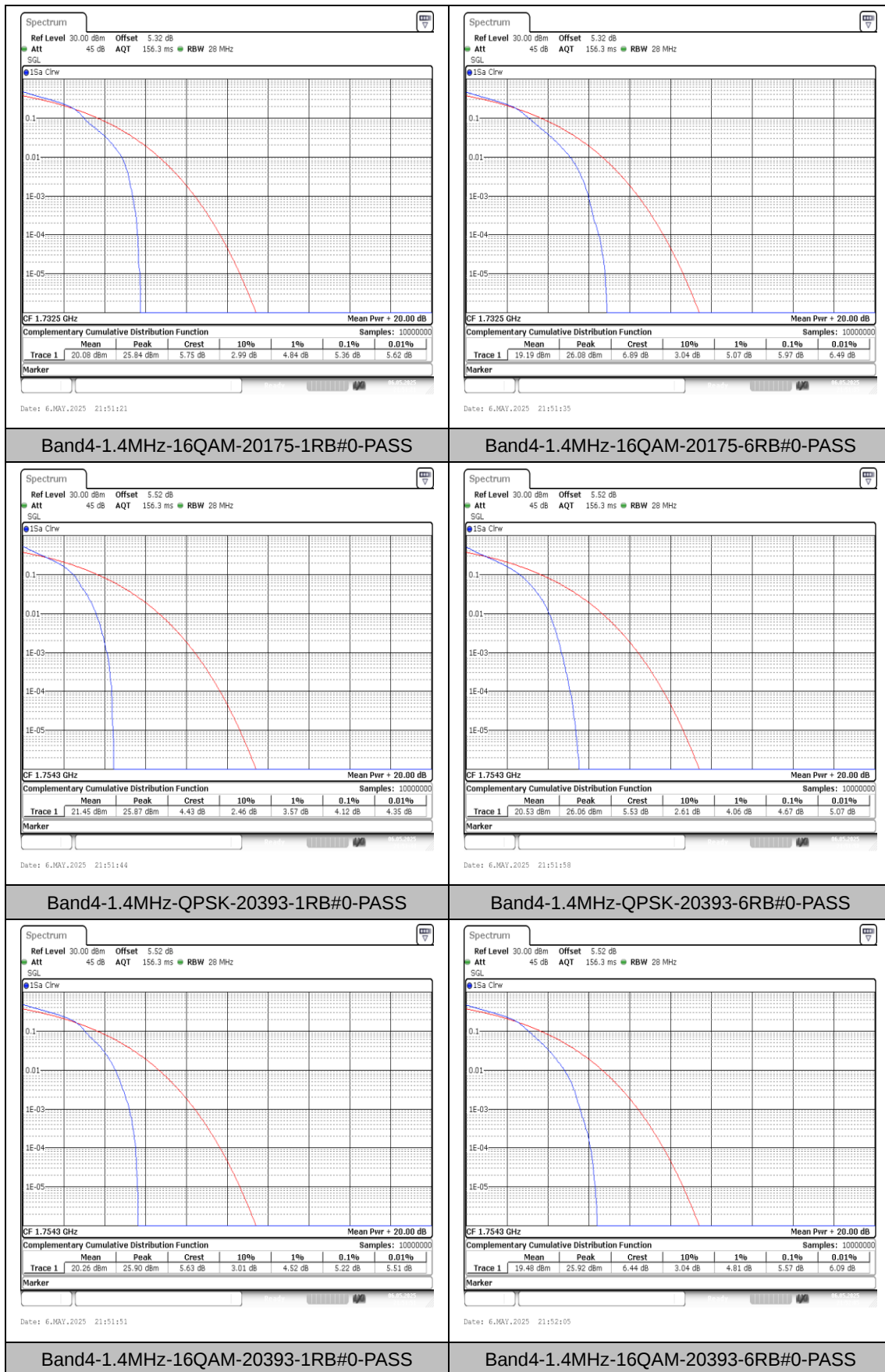
Test Result

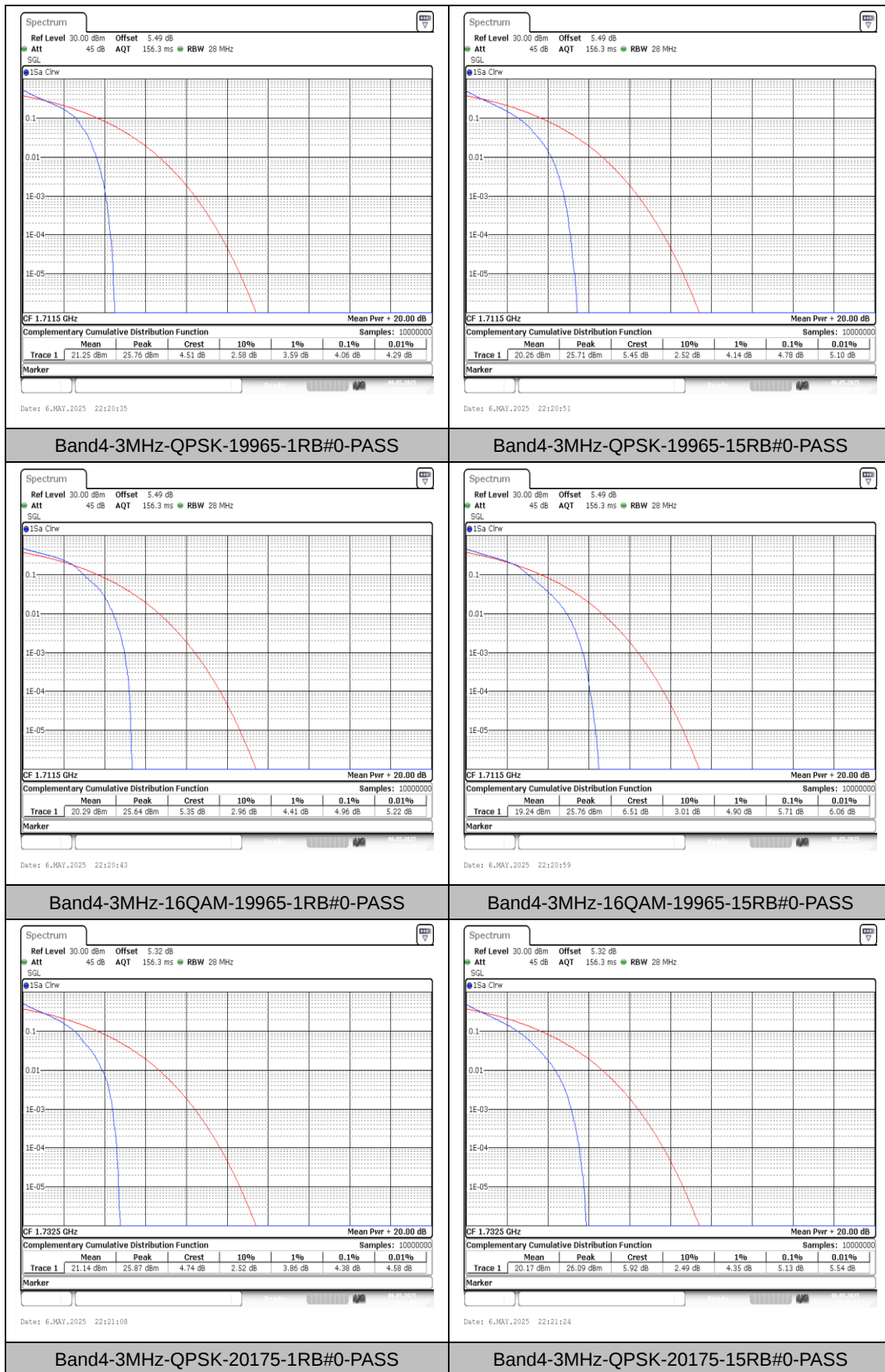
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	4.12	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.75	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.22	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.65	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	4.49	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.10	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.36	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.97	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	4.12	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.67	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	5.22	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.57	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	4.06	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.78	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	4.96	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.71	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	4.38	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.13	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.25	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.97	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	4.09	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.72	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.99	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.62	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.23	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.96	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	4.99	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.80	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.58	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.19	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.30	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.00	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	4.32	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.90	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	5.01	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.71	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	4.14	13	PASS

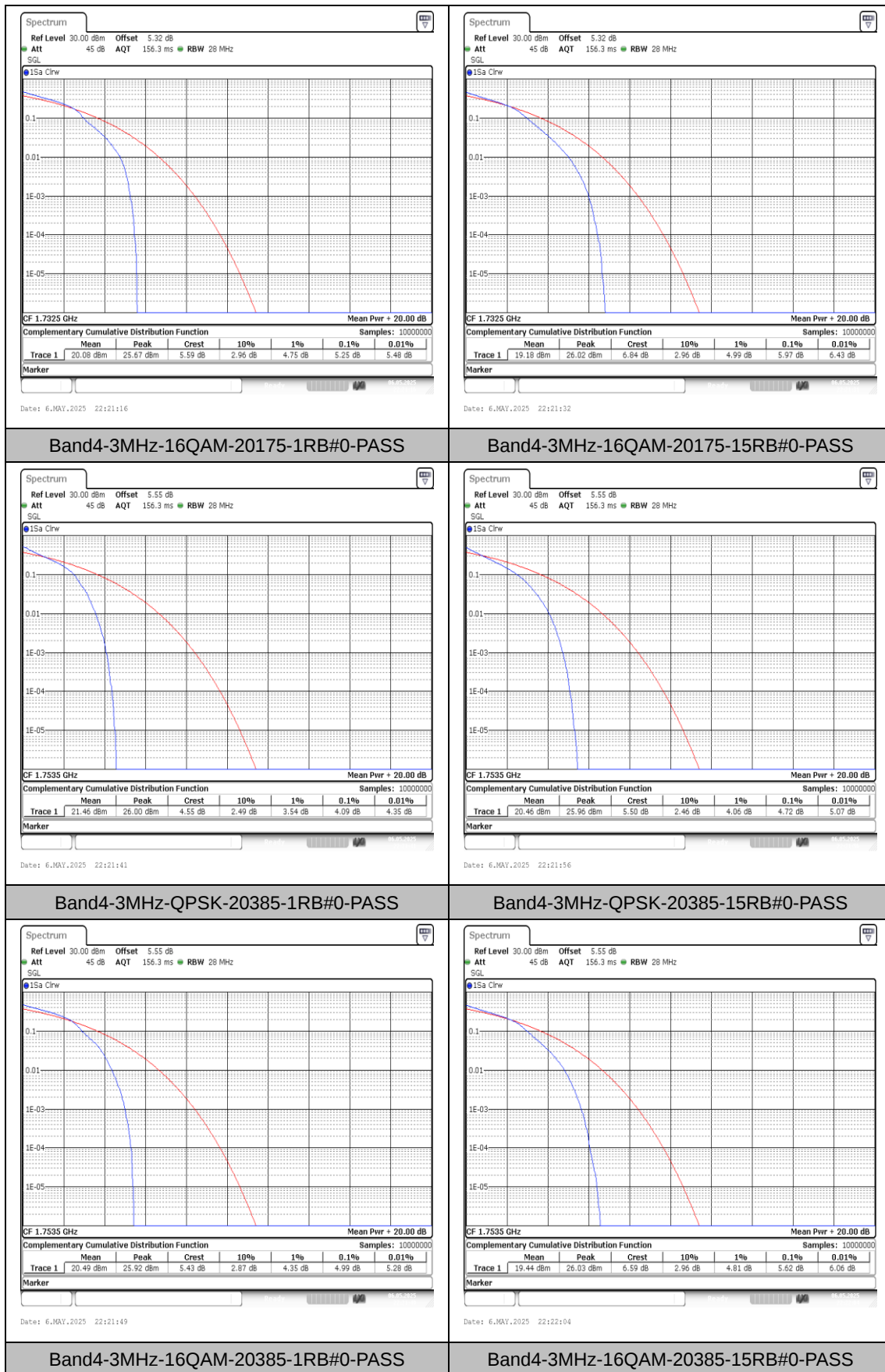
Band4	10MHz	QPSK	20000	50RB#0	4.93	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	5.04	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.80	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.41	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.13	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.30	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.00	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	4.32	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.87	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	5.22	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.77	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	4.20	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.13	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	5.13	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.91	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.52	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.30	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	5.42	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.03	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	4.43	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.07	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	5.33	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.83	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	4.23	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.07	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	5.04	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.94	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	4.58	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.16	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	5.54	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.97	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.55	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.96	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	5.28	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.86	13	PASS

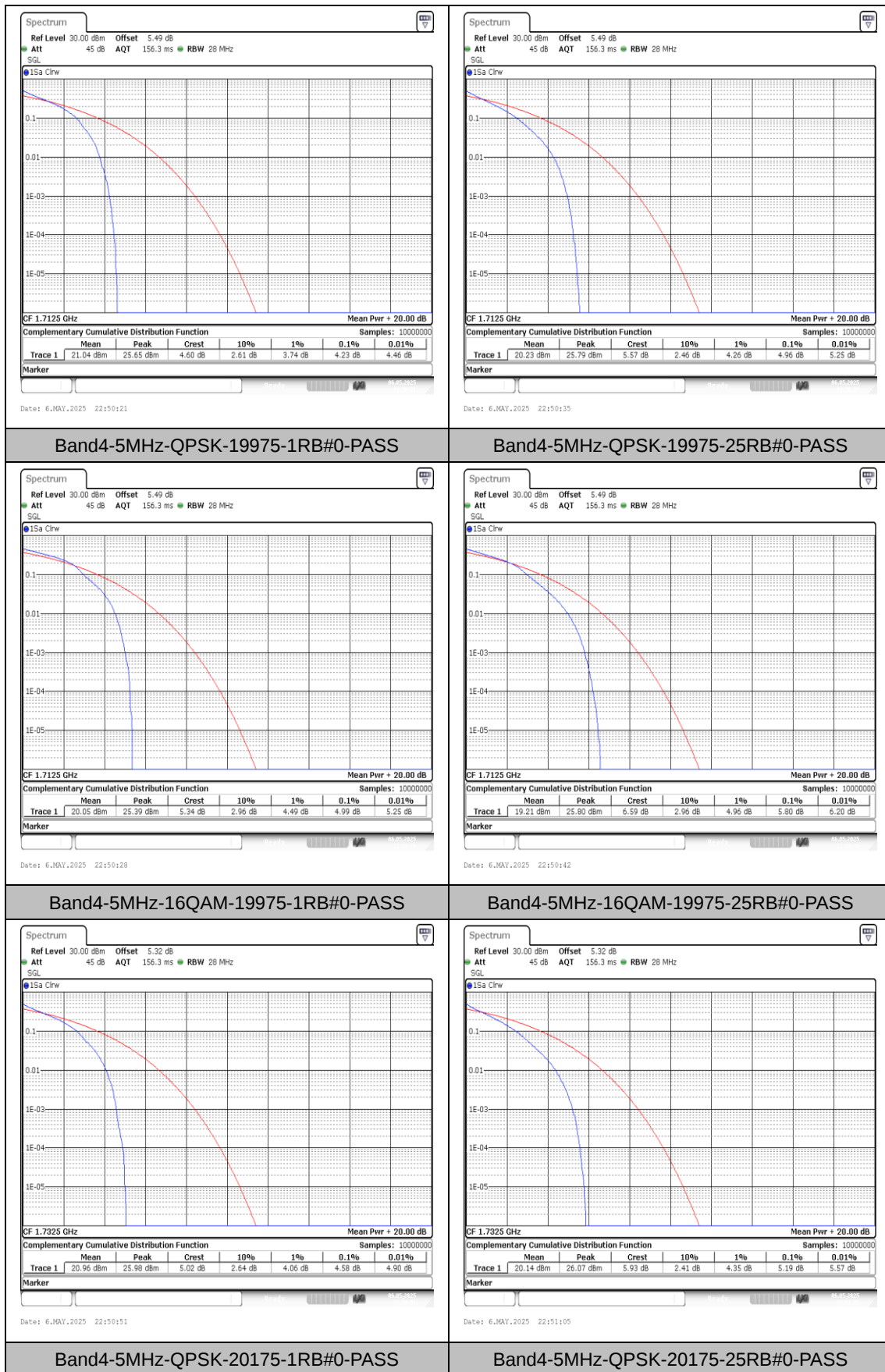
Test Graphs

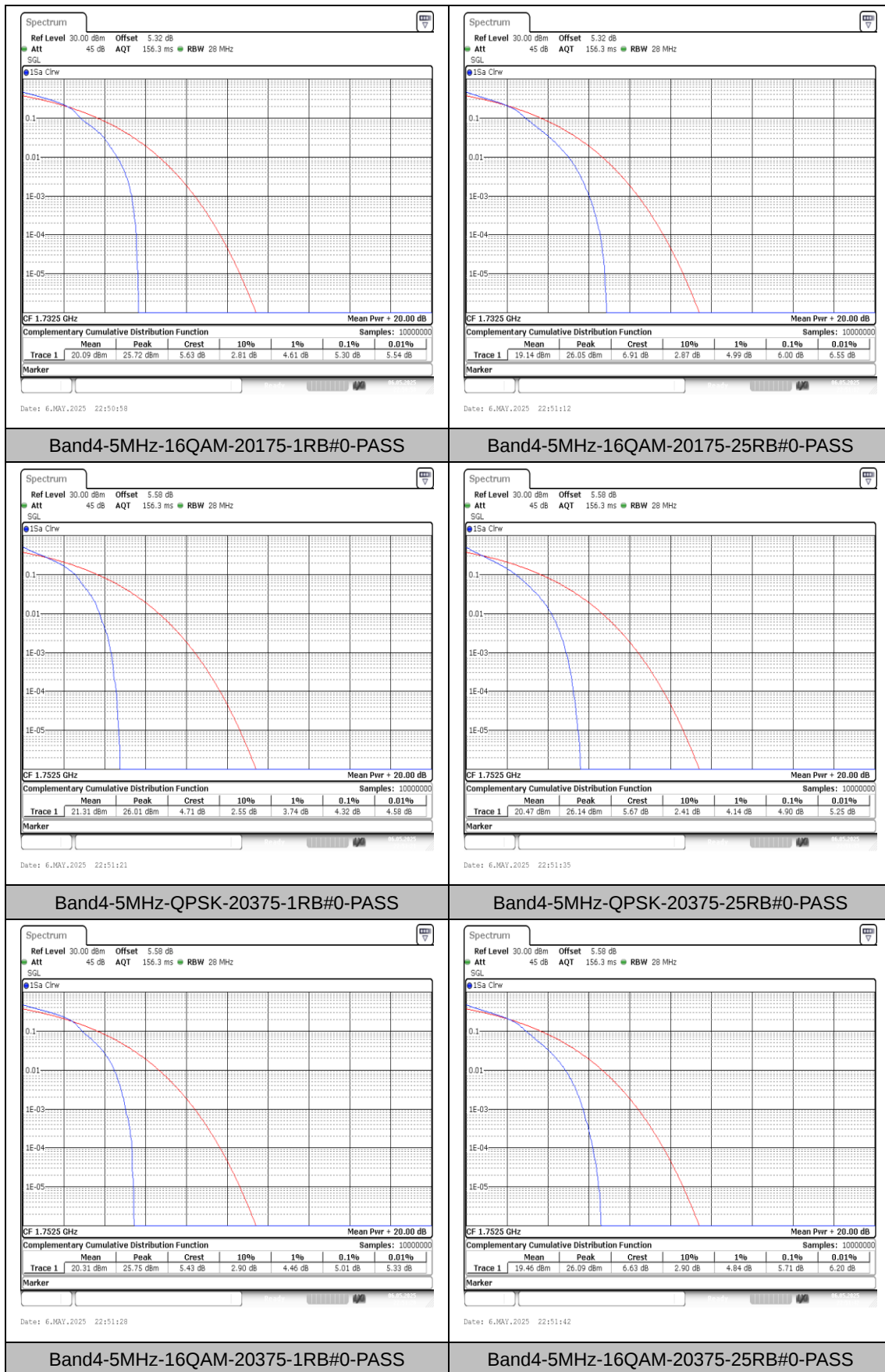


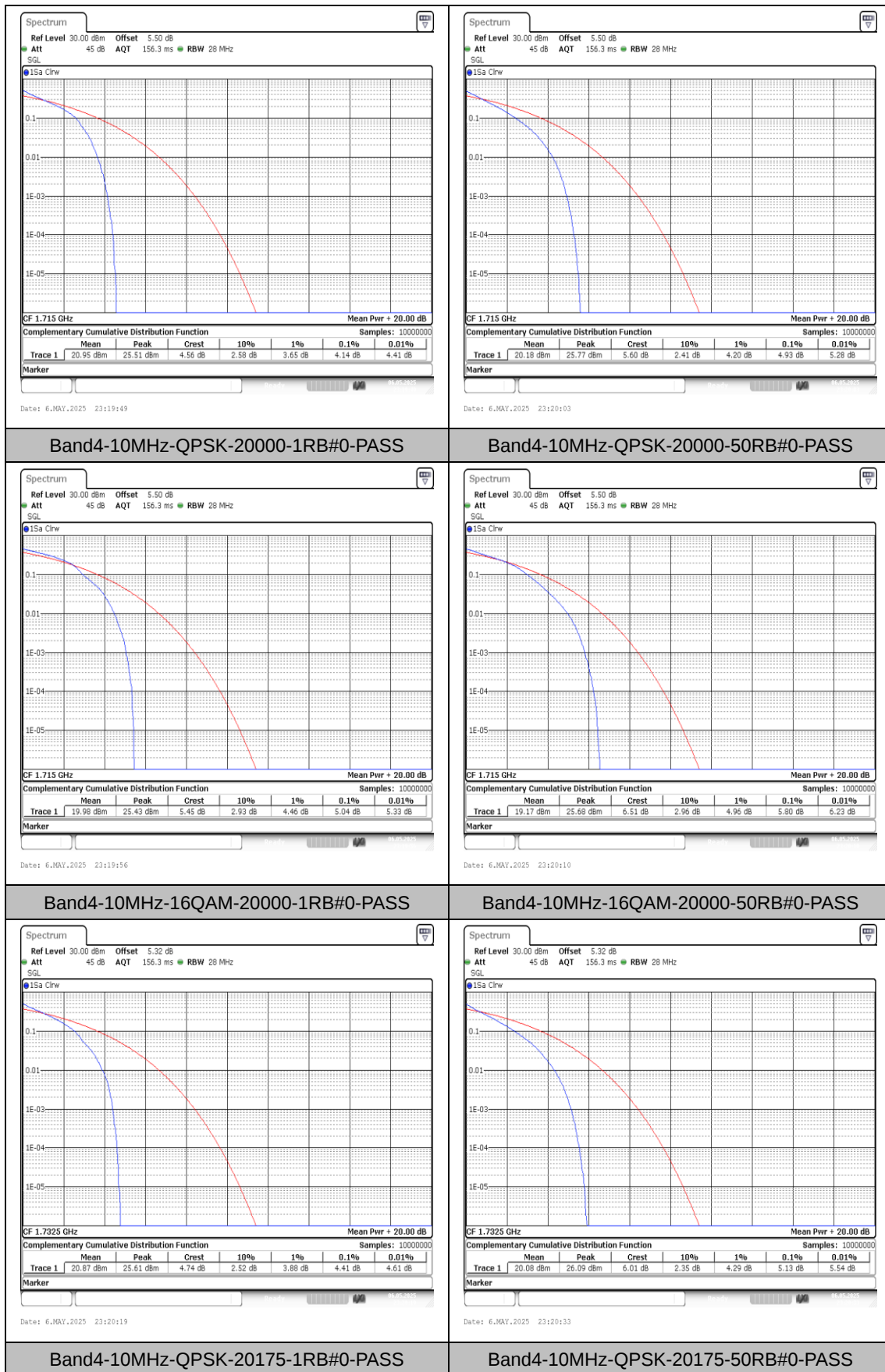


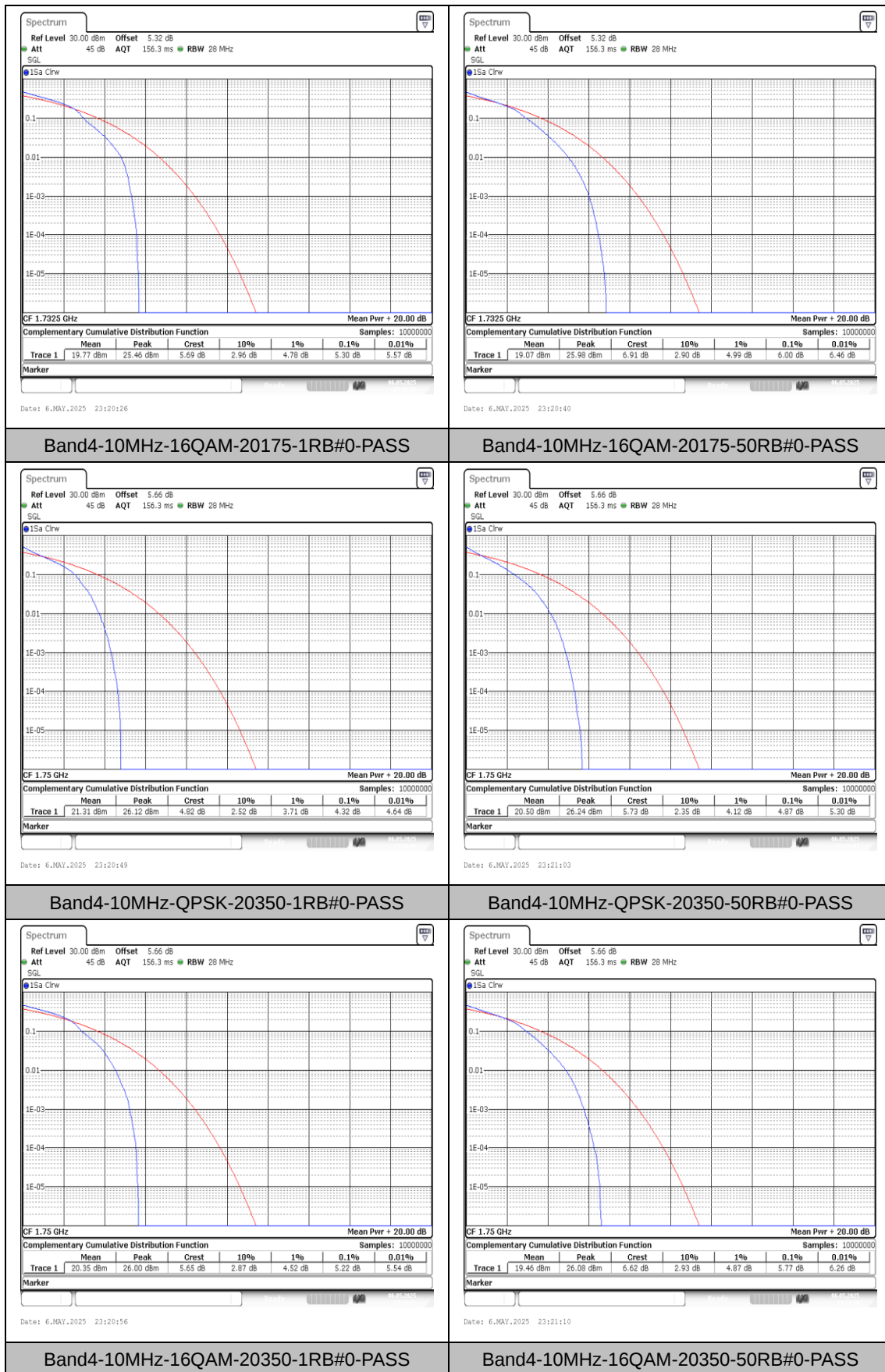


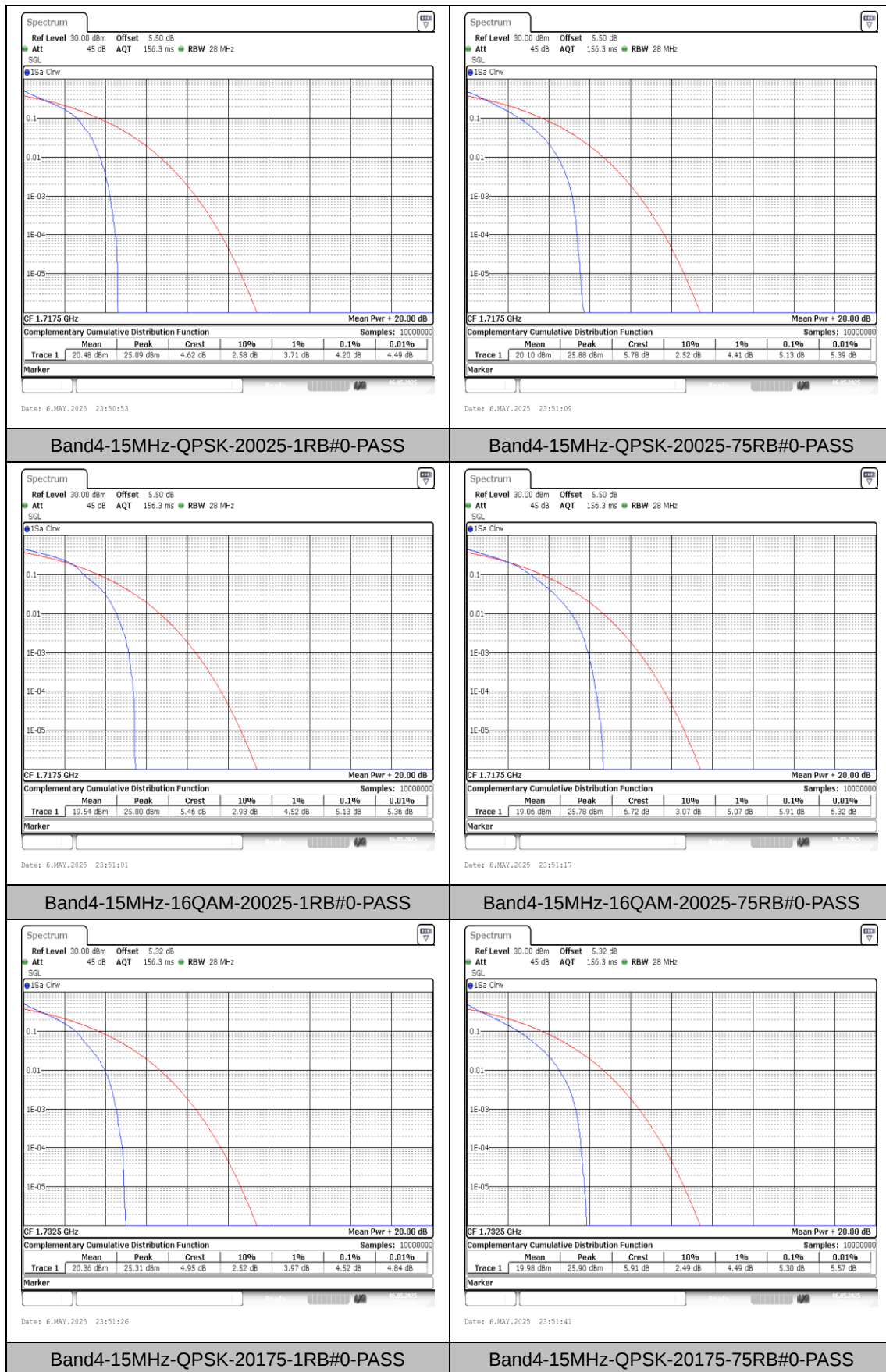


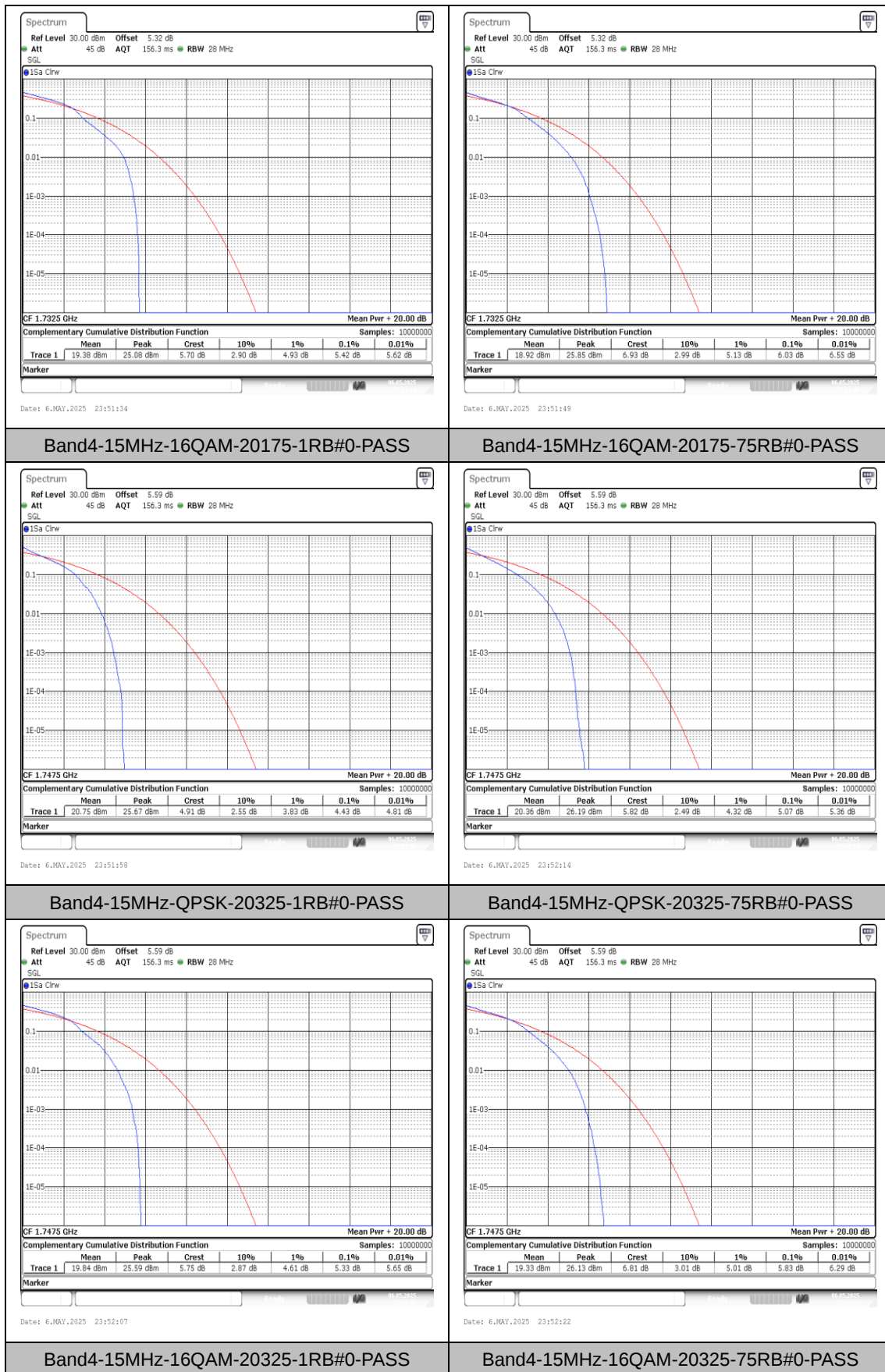


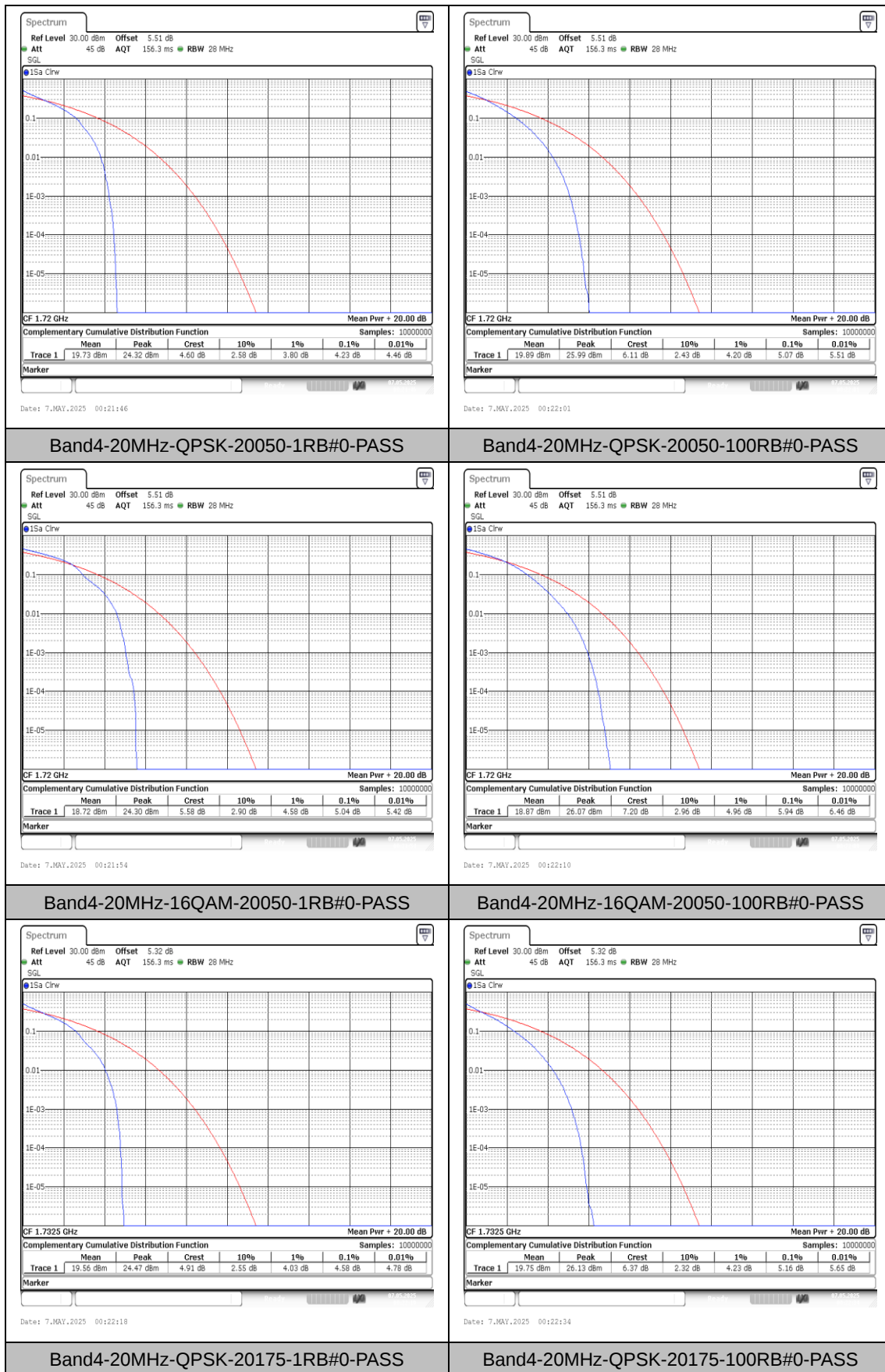


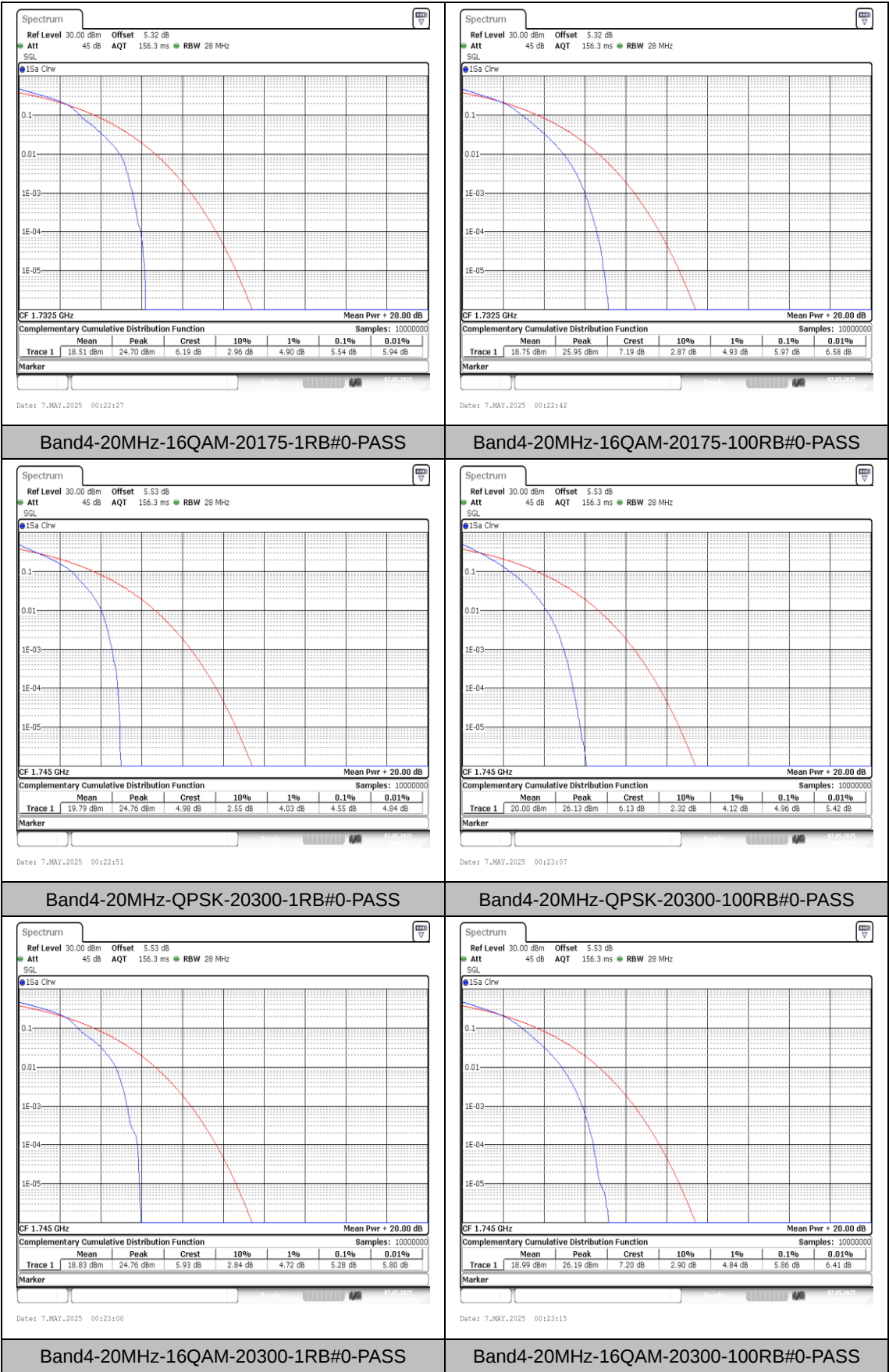












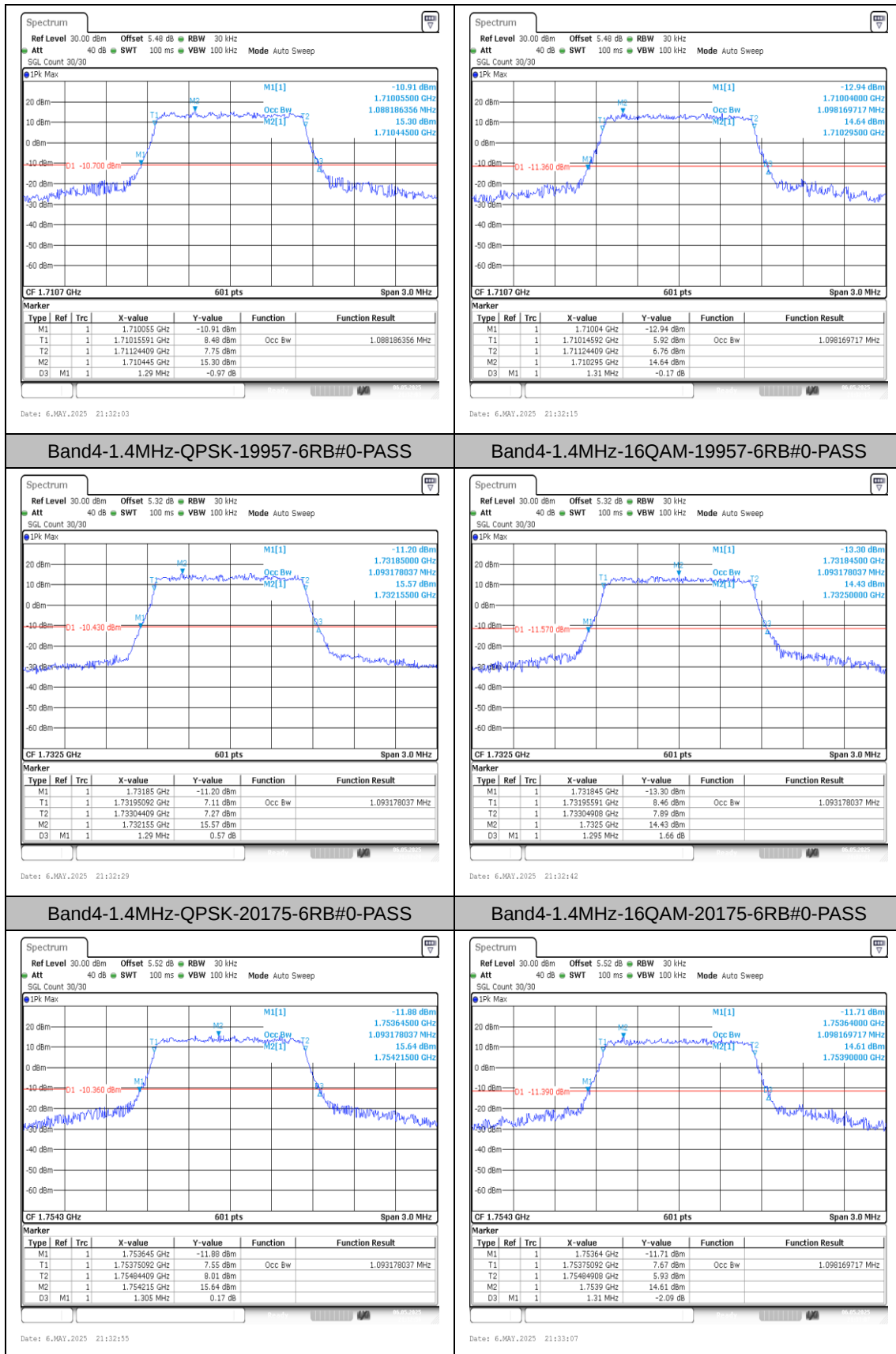
Appendix C: 26dB Bandwidth and Occupied Bandwidth

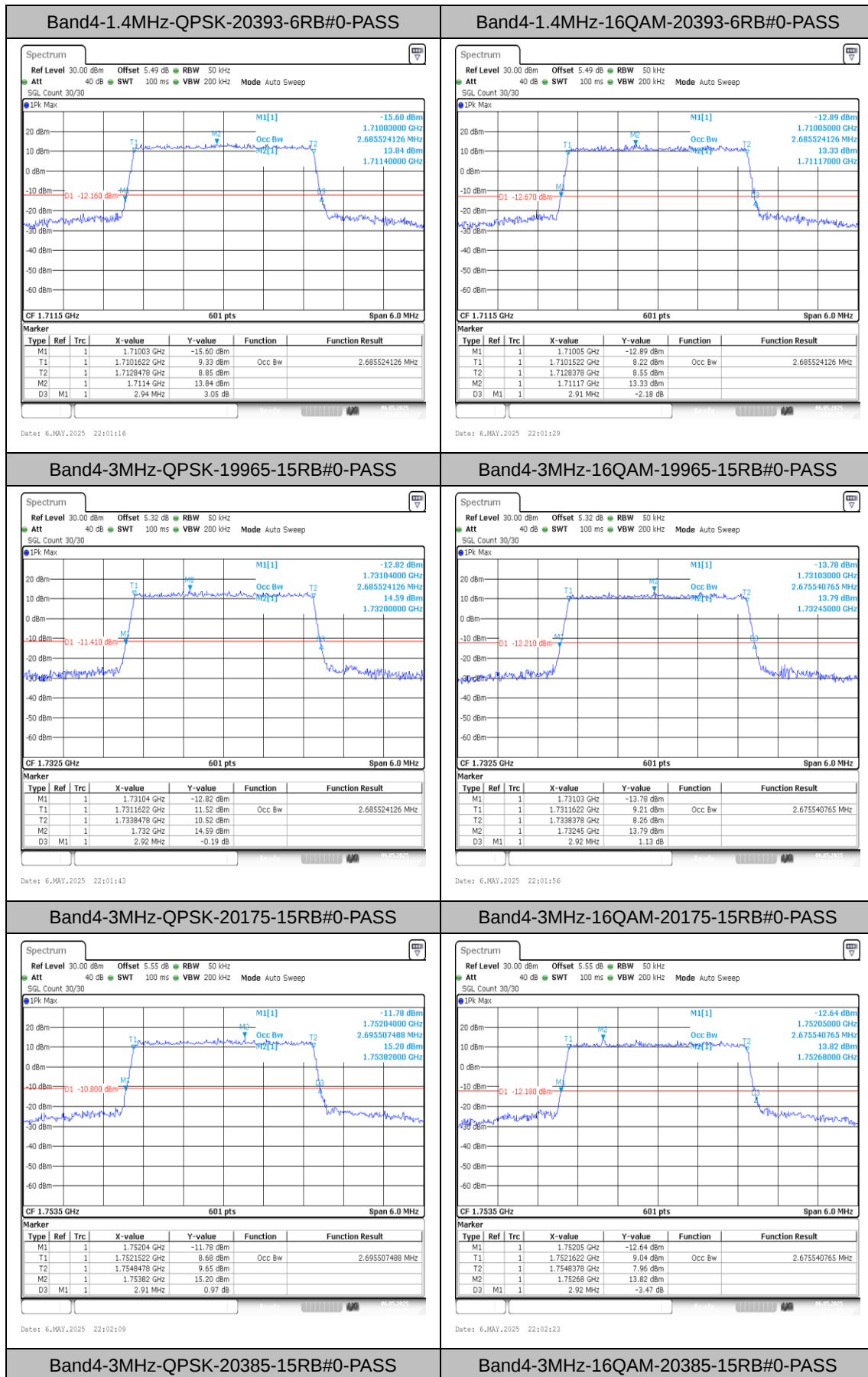
Test Result

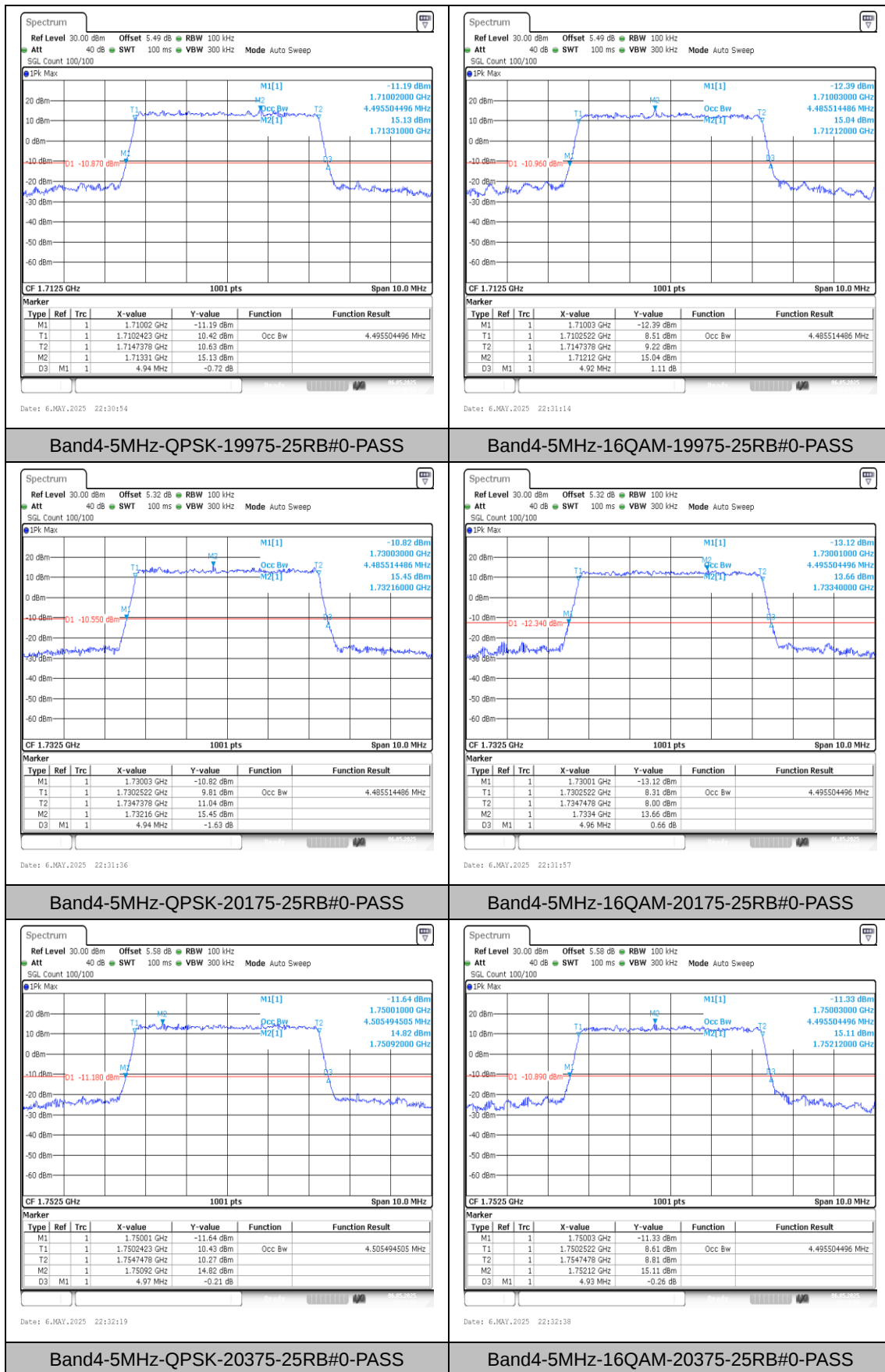
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.088	1.29	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.098	1.31	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.093	1.29	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.093	1.30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.093	1.31	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.098	1.31	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.686	2.94	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.686	2.91	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.686	2.92	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.676	2.92	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.696	2.91	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.676	2.92	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.496	4.94	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.486	4.92	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.486	4.94	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.496	4.96	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.505	4.97	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.496	4.93	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.985	9.83	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.985	9.80	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.985	9.83	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.985	9.83	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.952	9.87	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.018	9.83	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.428	14.75	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.527	14.70	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.478	14.85	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.478	14.80	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.478	14.80	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.478	14.70	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.037	19.60	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.037	19.67	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.103	19.93	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.103	19.67	PASS

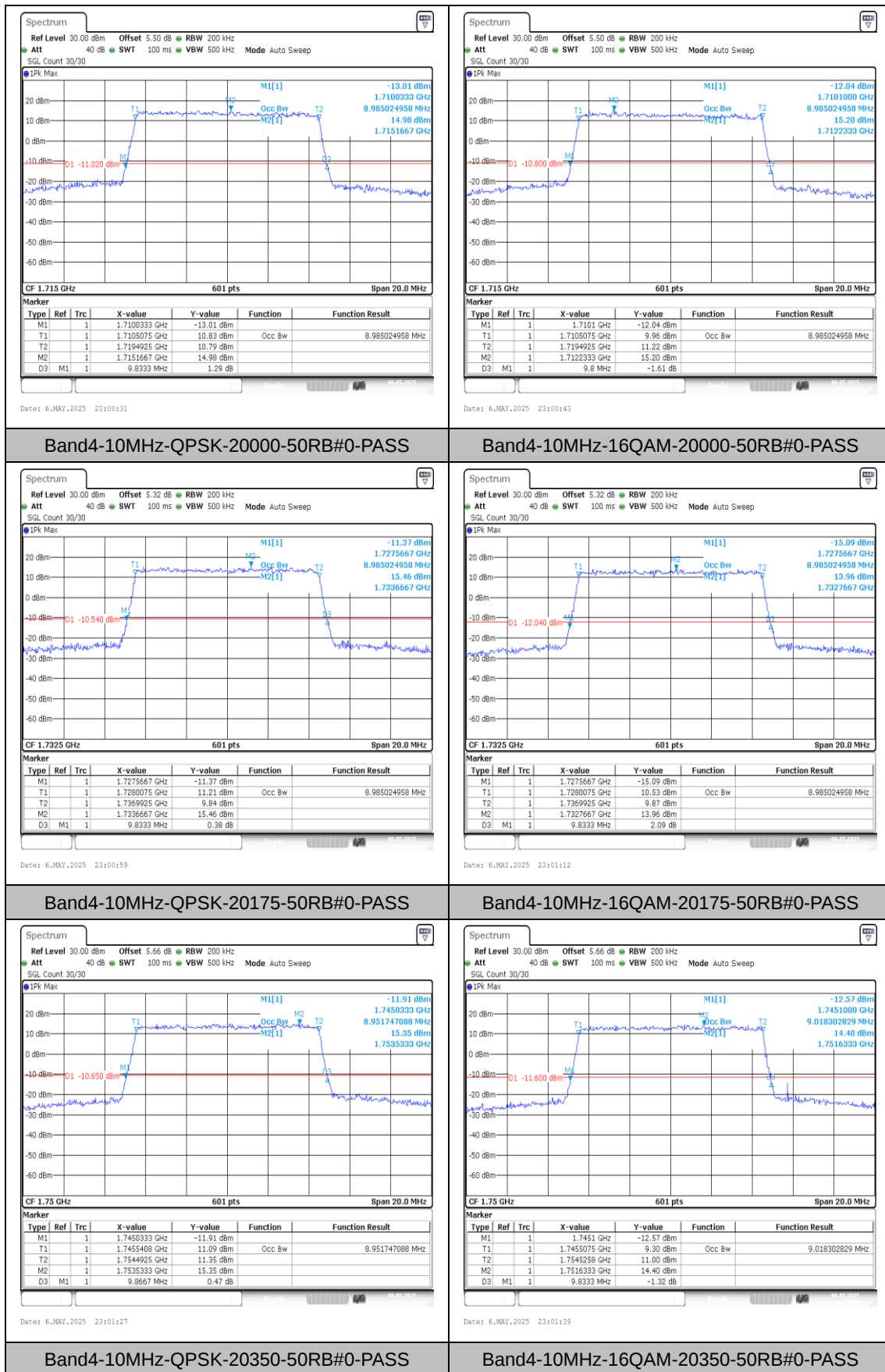
Band4	20MHz	QPSK	20300	100RB#0	18.037	19.73	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.037	19.67	PASS

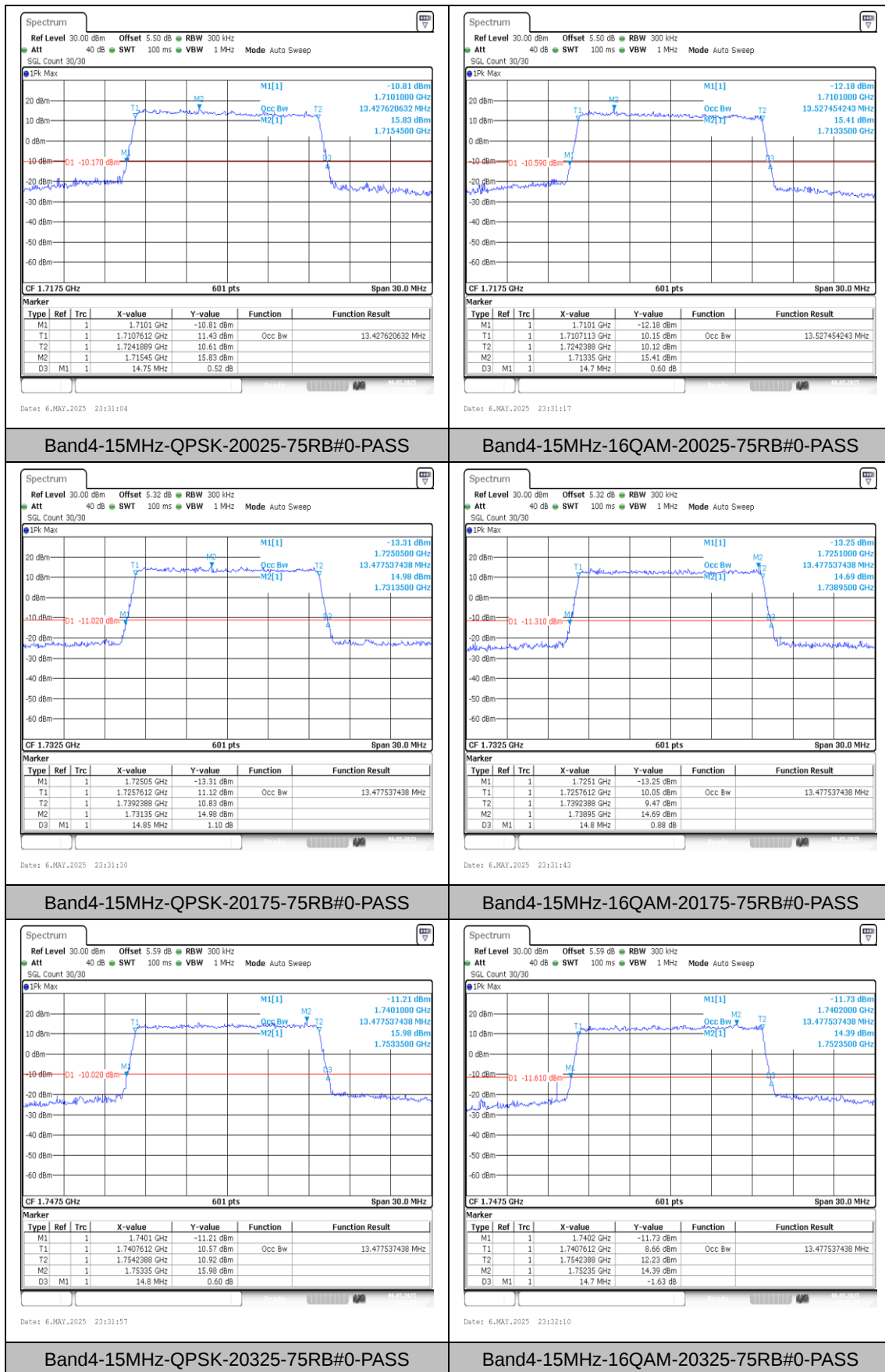
Test Graphs

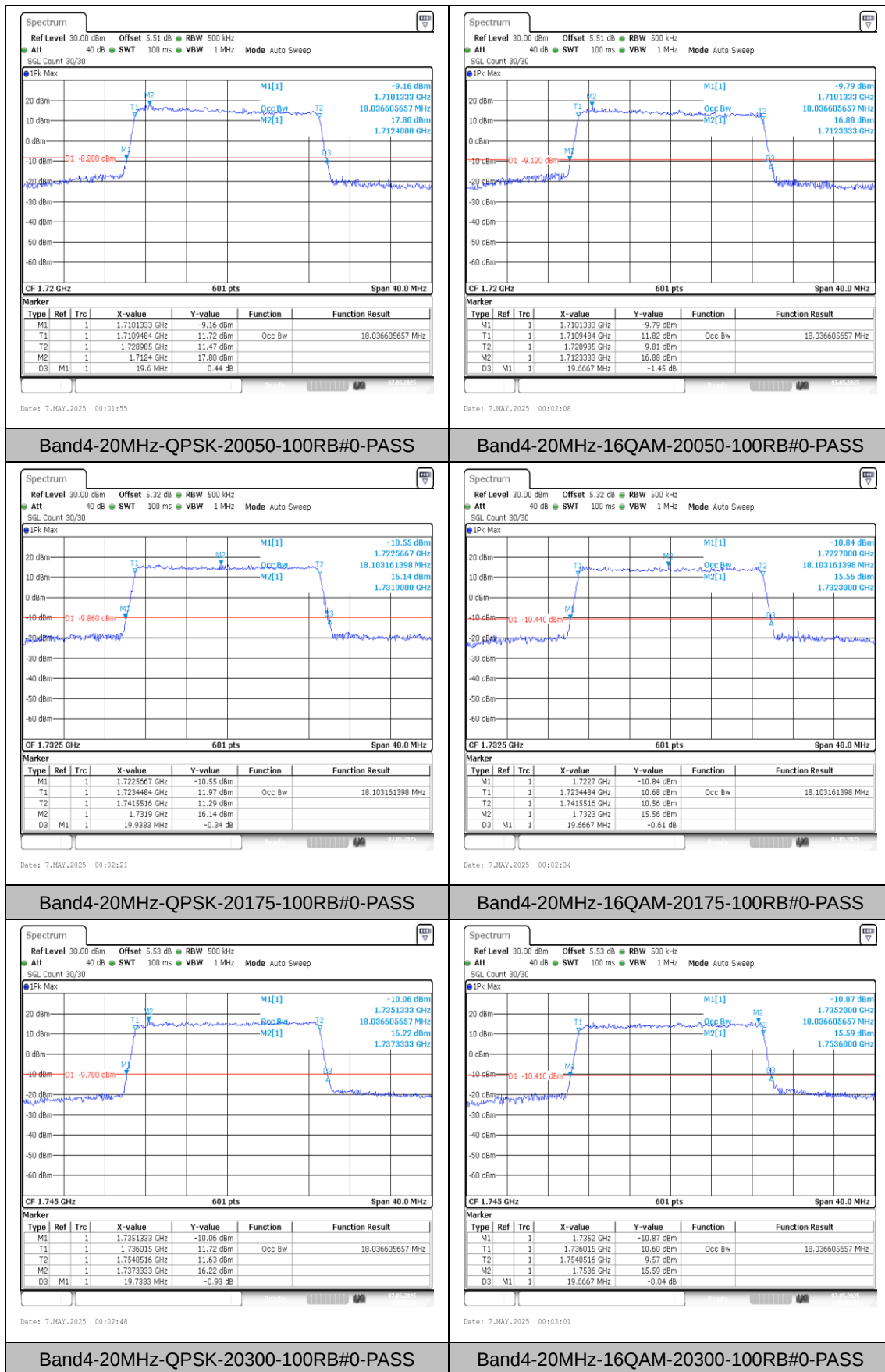












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	-24.56	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-37.85	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-32.97	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-26.10	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-40.55	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-32.69	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-39.10	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-25.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-31.55	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-40.81	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-25.39	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-33.62	PASS
Band4	3MHz	QPSK	19965	1RB#0	-20.96	PASS
Band4	3MHz	QPSK	19965	1RB#14	-50.04	PASS
Band4	3MHz	QPSK	19965	15RB#0	-33.70	PASS
Band4	3MHz	16QAM	19965	1RB#0	-22.13	PASS
Band4	3MHz	16QAM	19965	1RB#14	-50.92	PASS
Band4	3MHz	16QAM	19965	15RB#0	-35.09	PASS
Band4	3MHz	QPSK	20385	1RB#0	-50.95	PASS
Band4	3MHz	QPSK	20385	1RB#14	-21.79	PASS
Band4	3MHz	QPSK	20385	15RB#0	-32.82	PASS
Band4	3MHz	16QAM	20385	1RB#0	-51.08	PASS
Band4	3MHz	16QAM	20385	1RB#14	-23.16	PASS
Band4	3MHz	16QAM	20385	15RB#0	-34.52	PASS
Band4	5MHz	QPSK	19975	1RB#0	-21.95	PASS
Band4	5MHz	QPSK	19975	1RB#24	-49.57	PASS
Band4	5MHz	QPSK	19975	25RB#0	-33.27	PASS
Band4	5MHz	16QAM	19975	1RB#0	-22.39	PASS
Band4	5MHz	16QAM	19975	1RB#24	-49.70	PASS
Band4	5MHz	16QAM	19975	25RB#0	-34.71	PASS
Band4	5MHz	QPSK	20375	1RB#0	-49.67	PASS
Band4	5MHz	QPSK	20375	1RB#24	-21.23	PASS
Band4	5MHz	QPSK	20375	25RB#0	-32.85	PASS
Band4	5MHz	16QAM	20375	1RB#0	-49.98	PASS
Band4	5MHz	16QAM	20375	1RB#24	-22.30	PASS

Band4	5MHz	16QAM	20375	25RB#0	-33.56	PASS
Band4	10MHz	QPSK	20000	1RB#0	-24.62	PASS
Band4	10MHz	QPSK	20000	1RB#49	-47.68	PASS
Band4	10MHz	QPSK	20000	50RB#0	-35.03	PASS
Band4	10MHz	16QAM	20000	1RB#0	-25.04	PASS
Band4	10MHz	16QAM	20000	1RB#49	-47.07	PASS
Band4	10MHz	16QAM	20000	50RB#0	-36.86	PASS
Band4	10MHz	QPSK	20350	1RB#0	-48.22	PASS
Band4	10MHz	QPSK	20350	1RB#49	-23.13	PASS
Band4	10MHz	QPSK	20350	50RB#0	-34.01	PASS
Band4	10MHz	16QAM	20350	1RB#0	-48.03	PASS
Band4	10MHz	16QAM	20350	1RB#49	-23.94	PASS
Band4	10MHz	16QAM	20350	50RB#0	-35.96	PASS
Band4	15MHz	QPSK	20025	1RB#0	-25.88	PASS
Band4	15MHz	QPSK	20025	1RB#74	-48.62	PASS
Band4	15MHz	QPSK	20025	75RB#0	-33.42	PASS
Band4	15MHz	16QAM	20025	1RB#0	-26.06	PASS
Band4	15MHz	16QAM	20025	1RB#74	-48.58	PASS
Band4	15MHz	16QAM	20025	75RB#0	-36.92	PASS
Band4	15MHz	QPSK	20325	1RB#0	-49.08	PASS
Band4	15MHz	QPSK	20325	1RB#74	-25.84	PASS
Band4	15MHz	QPSK	20325	75RB#0	-31.51	PASS
Band4	15MHz	16QAM	20325	1RB#0	-48.74	PASS
Band4	15MHz	16QAM	20325	1RB#74	-26.62	PASS
Band4	15MHz	16QAM	20325	75RB#0	-34.64	PASS
Band4	20MHz	QPSK	20050	1RB#0	-28.46	PASS
Band4	20MHz	QPSK	20050	1RB#99	-47.45	PASS
Band4	20MHz	QPSK	20050	100RB#0	-35.62	PASS
Band4	20MHz	16QAM	20050	1RB#0	-28.27	PASS
Band4	20MHz	16QAM	20050	1RB#99	-47.45	PASS
Band4	20MHz	16QAM	20050	100RB#0	-36.96	PASS
Band4	20MHz	QPSK	20300	1RB#0	-47.97	PASS
Band4	20MHz	QPSK	20300	1RB#99	-27.96	PASS
Band4	20MHz	QPSK	20300	100RB#0	-33.27	PASS
Band4	20MHz	16QAM	20300	1RB#0	-48.18	PASS
Band4	20MHz	16QAM	20300	1RB#99	-28.44	PASS
Band4	20MHz	16QAM	20300	100RB#0	-35.15	PASS