

Appendix for LTE Band 4

Product Name: 5G Window CPE

Model No: TITAN 5100

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.07	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.11	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.11	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	20.99	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.09	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.11	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.09	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.21	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.14	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.06	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.14	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.99	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.15	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.07	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.23	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.25	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.26	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.11	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.19	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.05	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.22	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.15	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.20	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.19	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.28	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.27	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.25	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.22	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.82	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.68	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.73	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.78	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.77	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.62	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.79	PASS

Band4	1.4MHz	16QAM	20393	3RB#0	21.79	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.83	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.80	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.78	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.83	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.79	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.75	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.16	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.06	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.19	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.15	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.11	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.13	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.18	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.20	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.17	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.16	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.20	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.23	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.18	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.19	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.18	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.21	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.33	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.31	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.23	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.24	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.25	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.26	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.24	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.21	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.27	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.32	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.33	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.31	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.79	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.75	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.81	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.80	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.80	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.78	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.74	PASS

Band4	3MHz	16QAM	20385	8RB#0	20.71	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.75	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.82	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.84	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.90	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.76	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.70	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.16	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.08	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.28	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.18	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.16	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.31	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.13	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.09	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.15	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.14	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.25	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.29	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.24	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.26	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.31	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.26	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.32	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.28	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.24	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.23	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.27	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.24	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.28	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.29	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.30	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.29	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.34	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.34	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.74	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.74	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.95	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.89	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.89	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.87	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.73	PASS

Band4	5MHz	16QAM	20375	12RB#0	20.74	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.74	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.72	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.86	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.87	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.81	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.83	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.23	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.22	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.30	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.33	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.28	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.33	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.27	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.21	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.23	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.18	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.34	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.25	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.31	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.35	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.23	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.28	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.30	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.42	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.24	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.40	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.29	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.36	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.30	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.32	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.37	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.34	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.33	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.32	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.67	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.79	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.73	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.85	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.84	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.83	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.75	PASS

Band4	10MHz	16QAM	20350	25RB#0	20.74	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.72	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.74	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.85	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.84	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.74	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.74	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.09	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.09	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.33	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.25	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.22	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.37	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.21	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.24	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.23	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.23	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.24	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.21	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.19	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.21	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.11	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.07	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.16	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.07	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.22	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.21	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.20	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.20	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.21	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.19	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.20	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.21	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.20	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.25	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.39	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.35	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.47	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.58	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.68	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.52	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.47	PASS

Band4	15MHz	16QAM	20325	38RB#0	21.46	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.50	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.51	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.46	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.51	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.50	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.48	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.09	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.13	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.20	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.27	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.21	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.38	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.22	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.16	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.18	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.16	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.26	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.31	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.29	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.25	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.26	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.25	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.15	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.28	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.29	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.22	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.20	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.19	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.17	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.17	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.19	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.19	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.24	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.18	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.38	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.38	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.26	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.46	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.51	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.55	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.34	PASS

Band4	20MHz	16QAM	20300	50RB#0	20.40	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.37	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.40	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.50	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.52	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.46	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.49	PASS

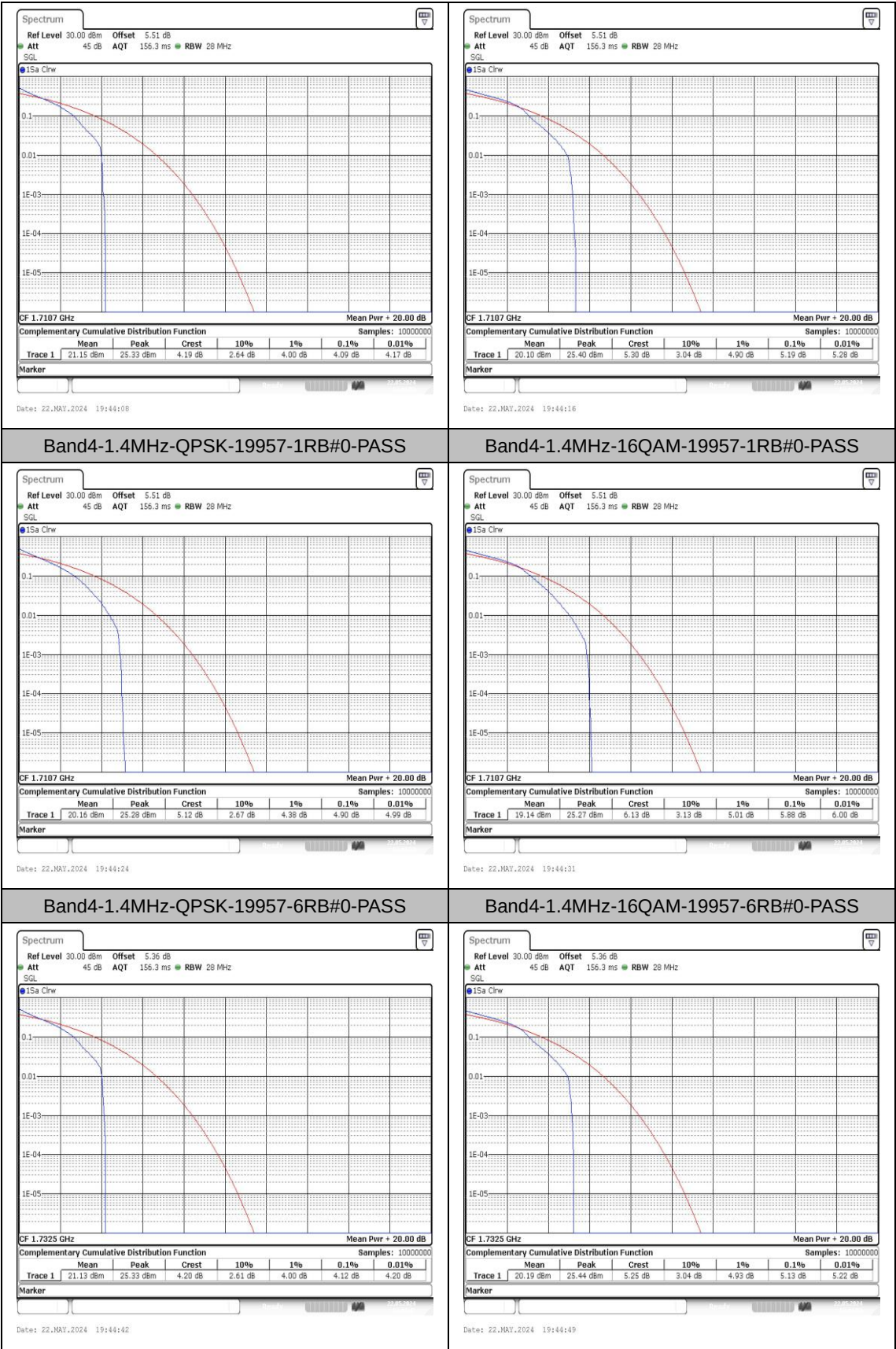
Appendix B: Peak-to-Average Ratio(CCDF)

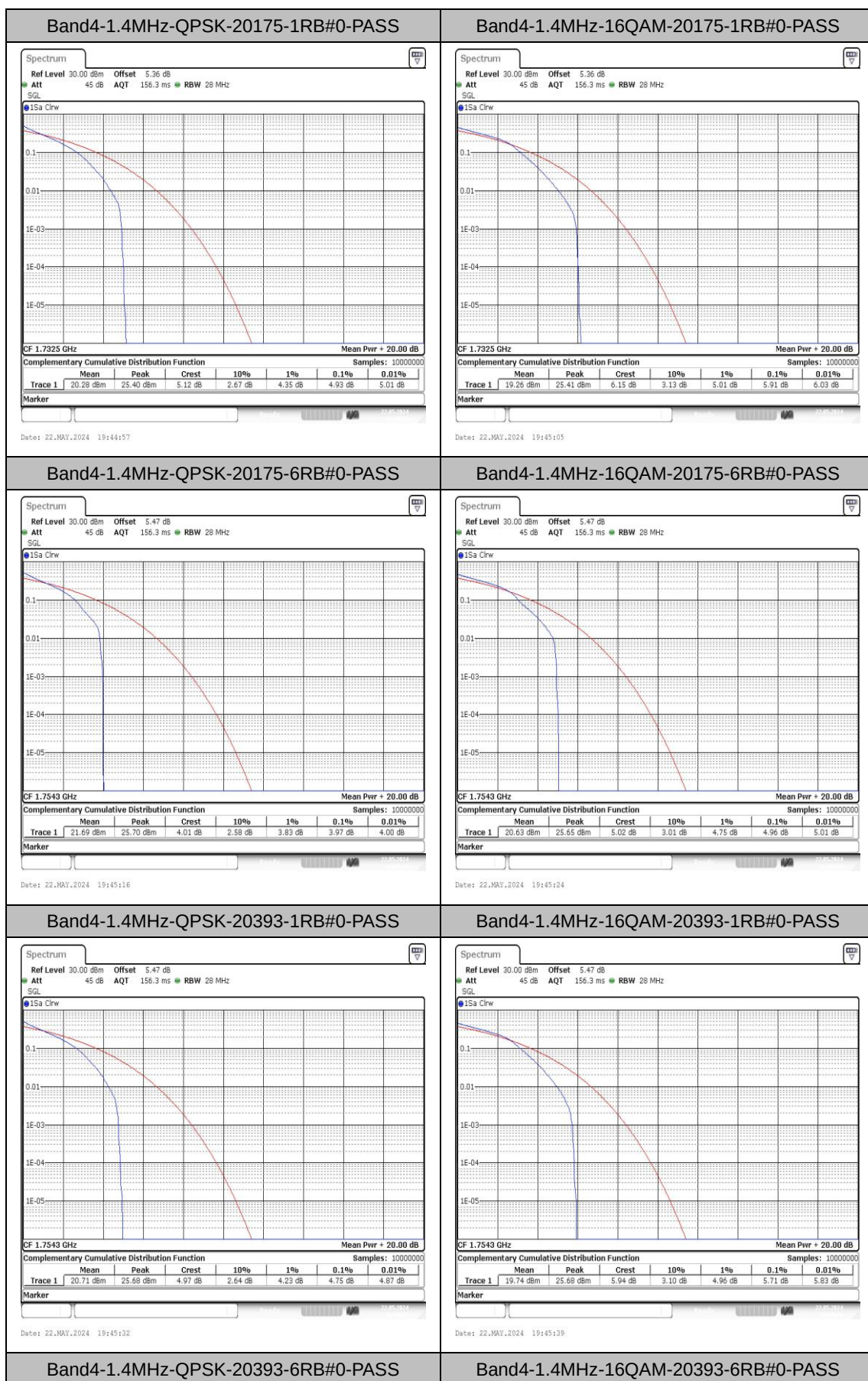
Test Result

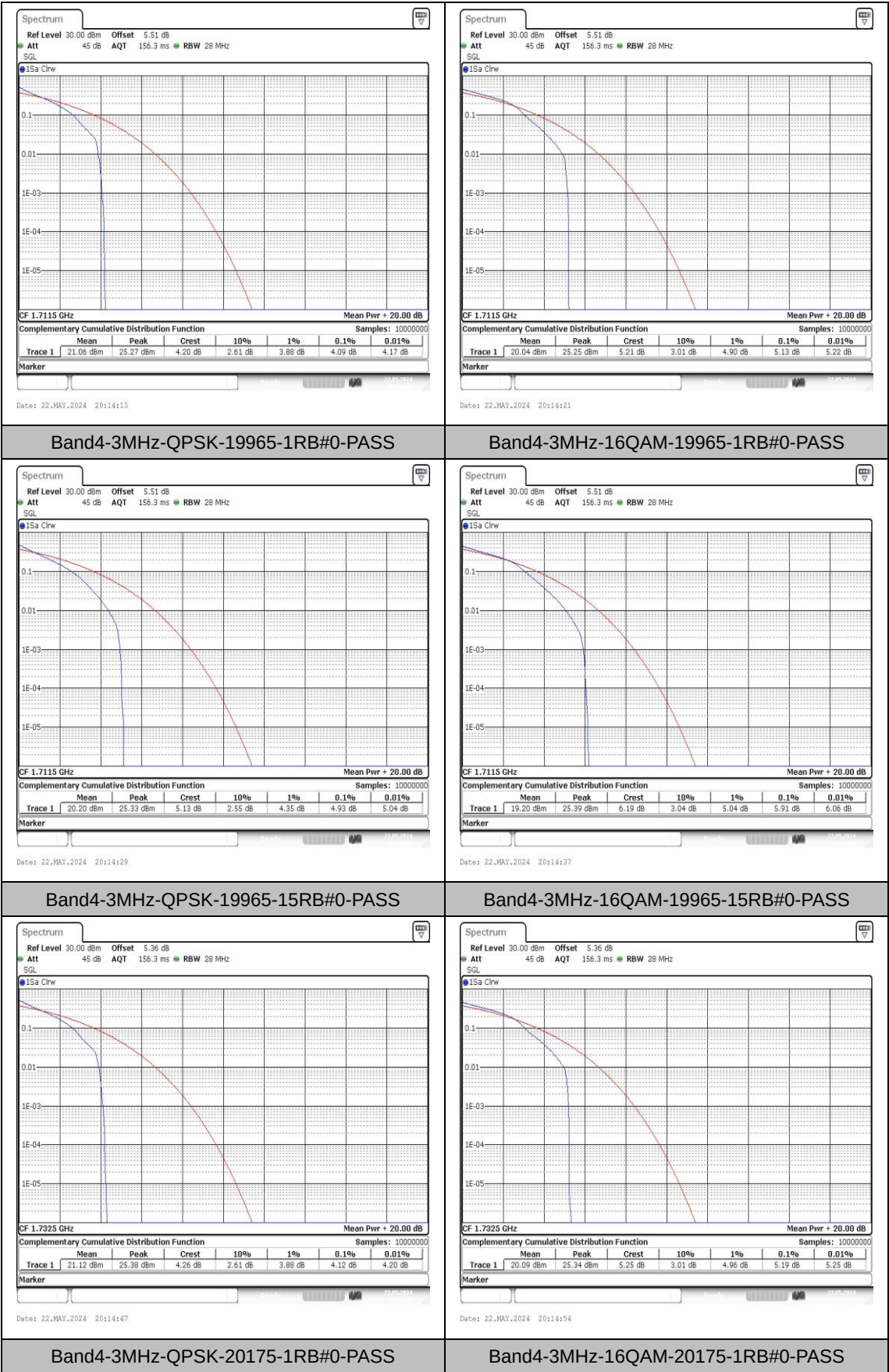
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	4.09	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.19	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.90	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.88	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	4.12	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.13	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.93	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.91	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.97	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	4.96	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.75	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.71	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	4.09	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.13	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.93	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.91	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	4.12	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.19	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.96	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.91	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.91	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.93	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.81	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.80	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.12	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.10	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.99	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.94	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.12	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.10	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.96	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.94	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	3.88	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	4.93	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.78	13	PASS

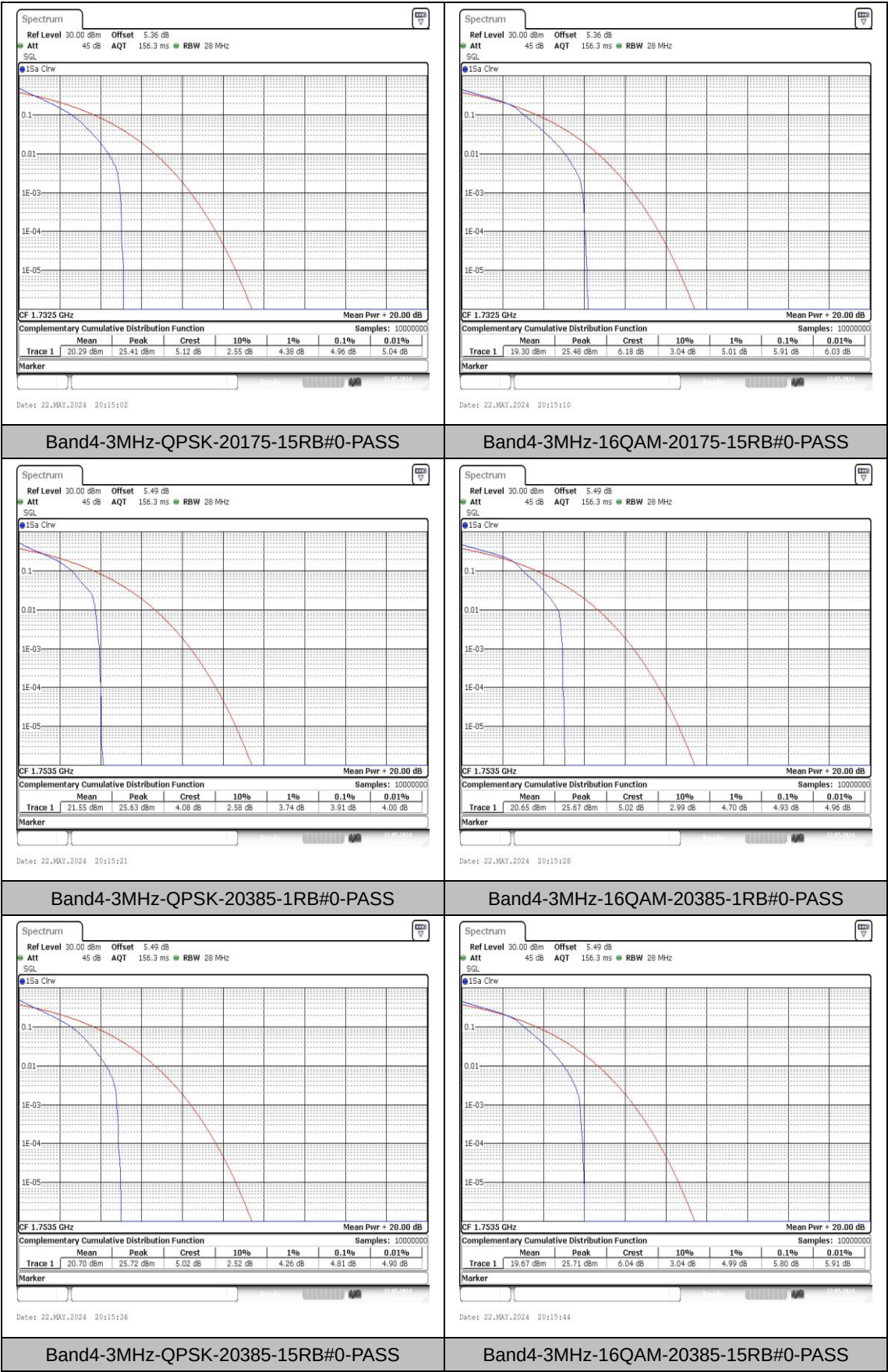
Band4	5MHz	16QAM	20375	25RB#0	5.74	13	PASS
Band4	10MHz	QPSK	20000	1RB#0	4.06	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	5.07	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.07	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.03	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.17	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.16	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.96	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.91	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	3.88	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	4.84	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.81	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.77	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	4.17	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	5.13	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.16	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.06	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.23	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	5.25	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.16	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.06	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	4.00	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	4.96	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.99	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.88	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	4.09	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	5.10	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.16	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.12	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	4.20	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	5.13	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.07	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.03	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.12	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	5.13	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.93	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.86	13	PASS

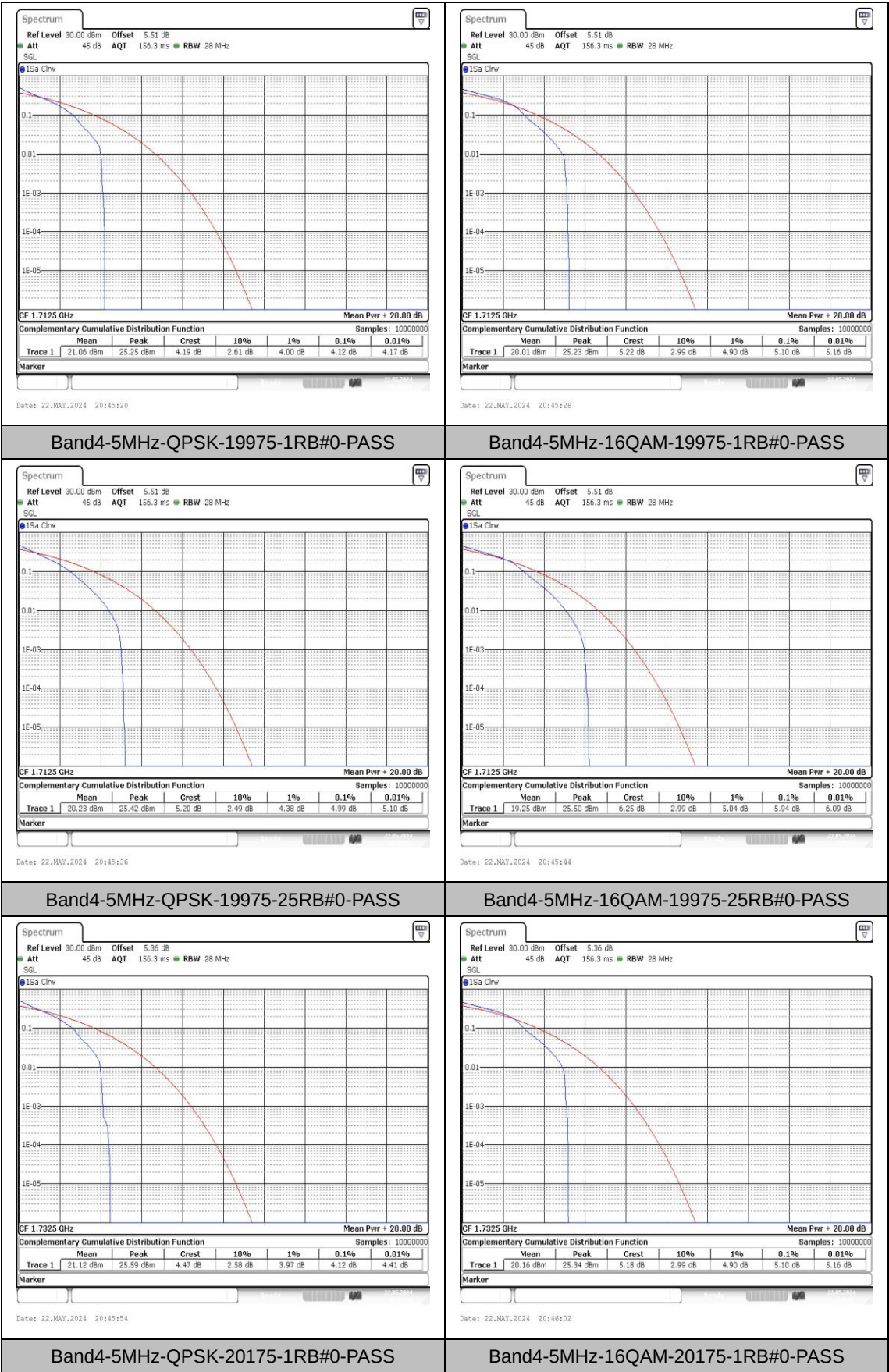
Test Graphs

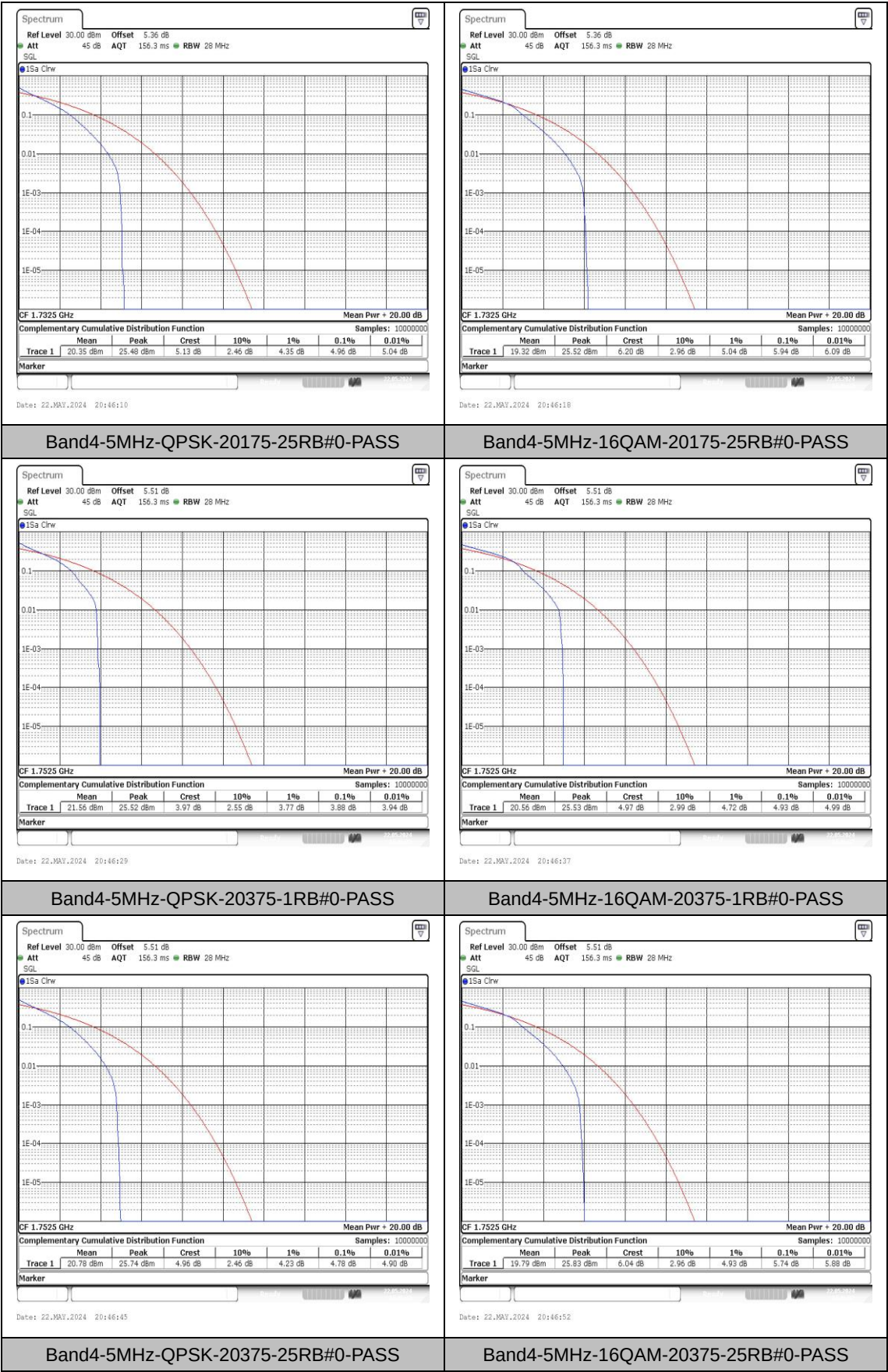


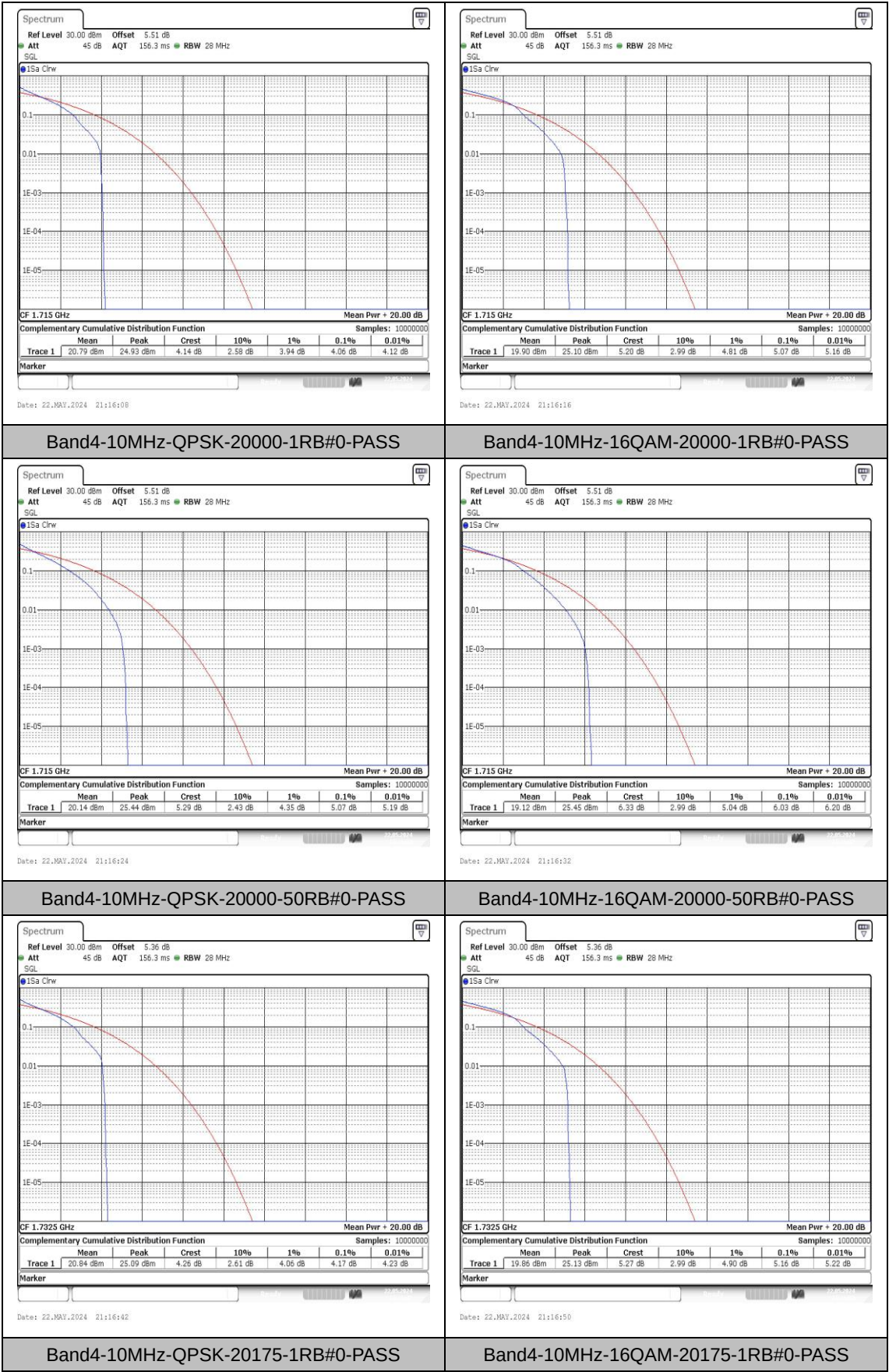


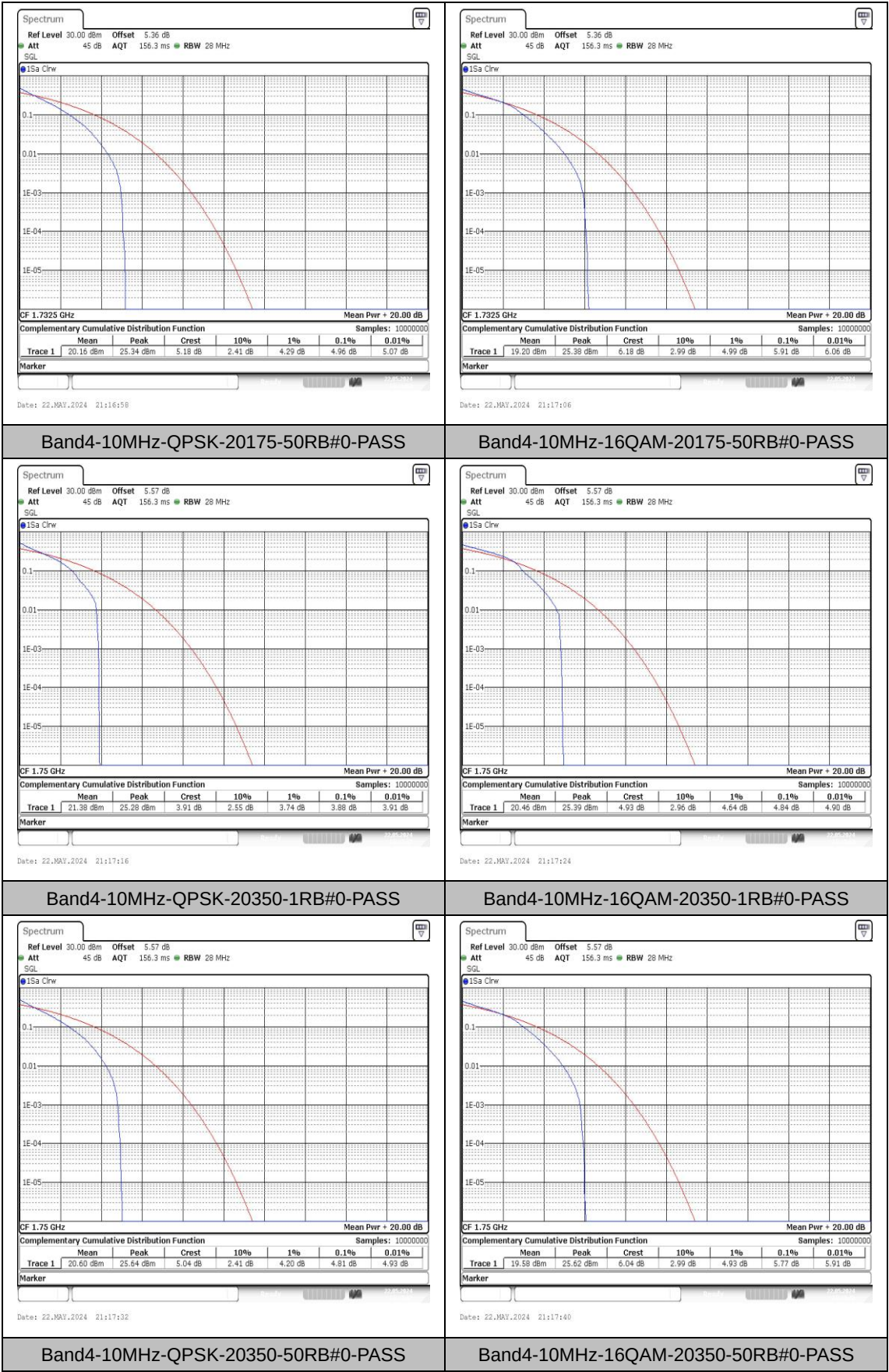


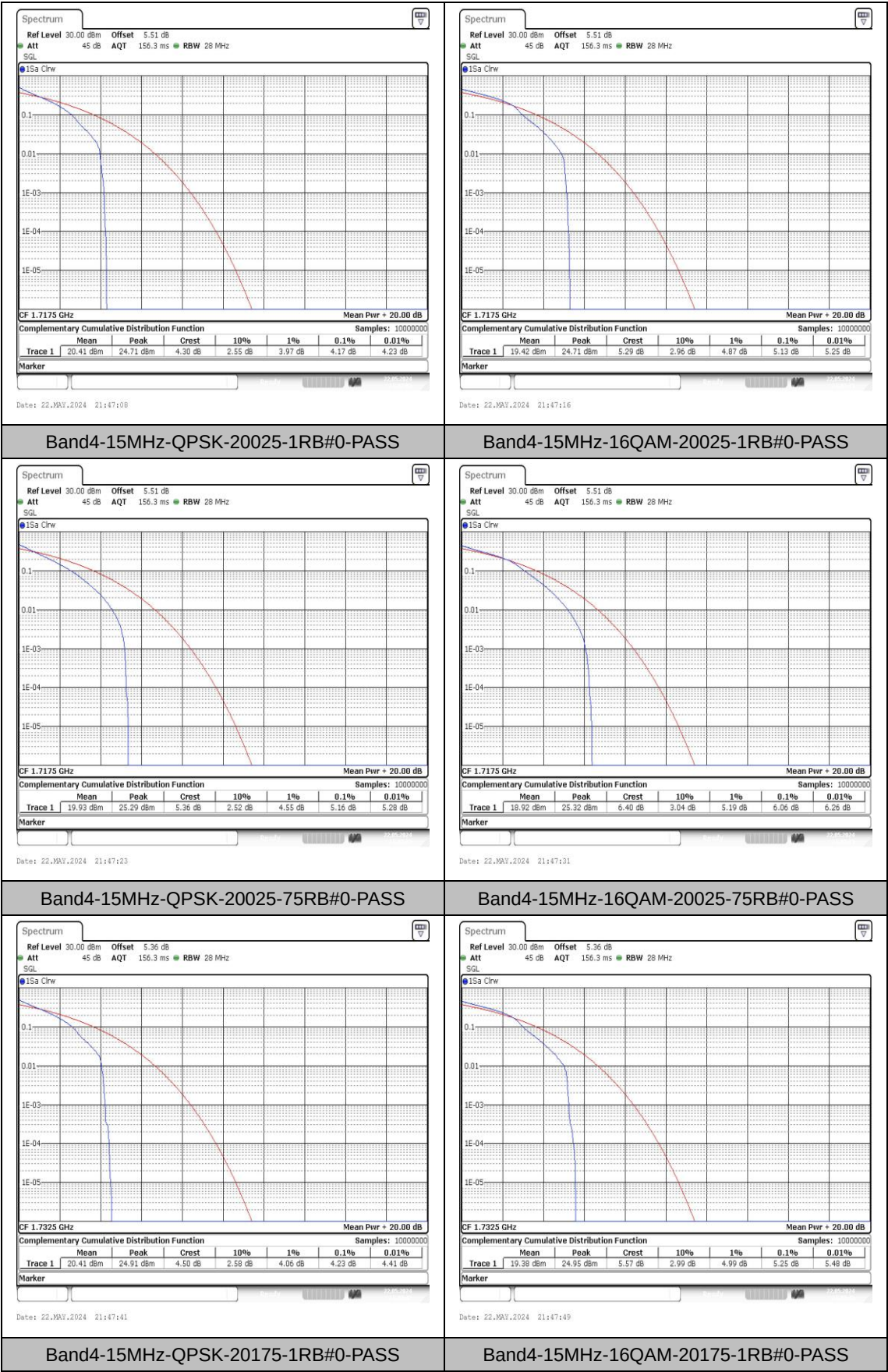


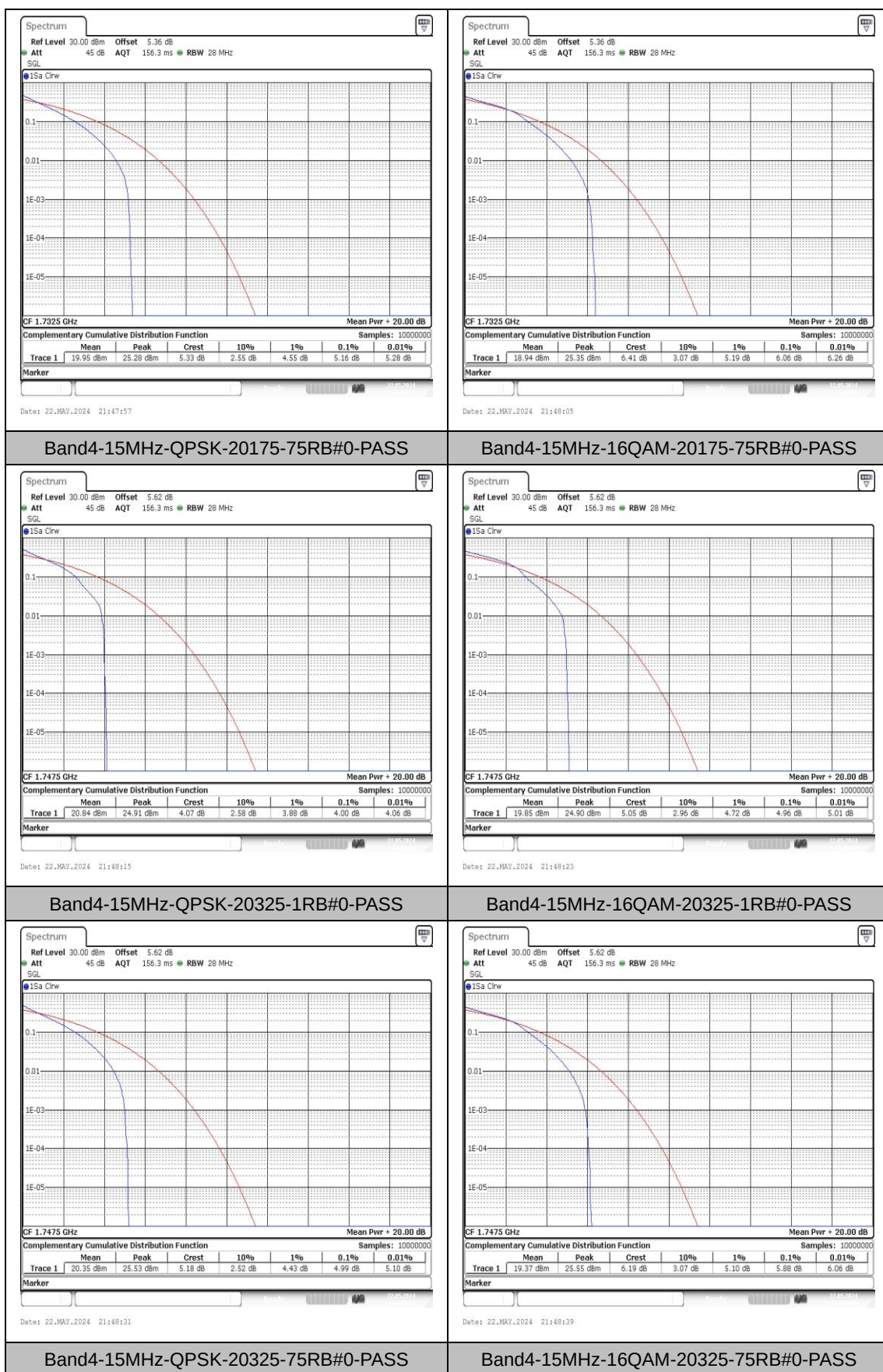


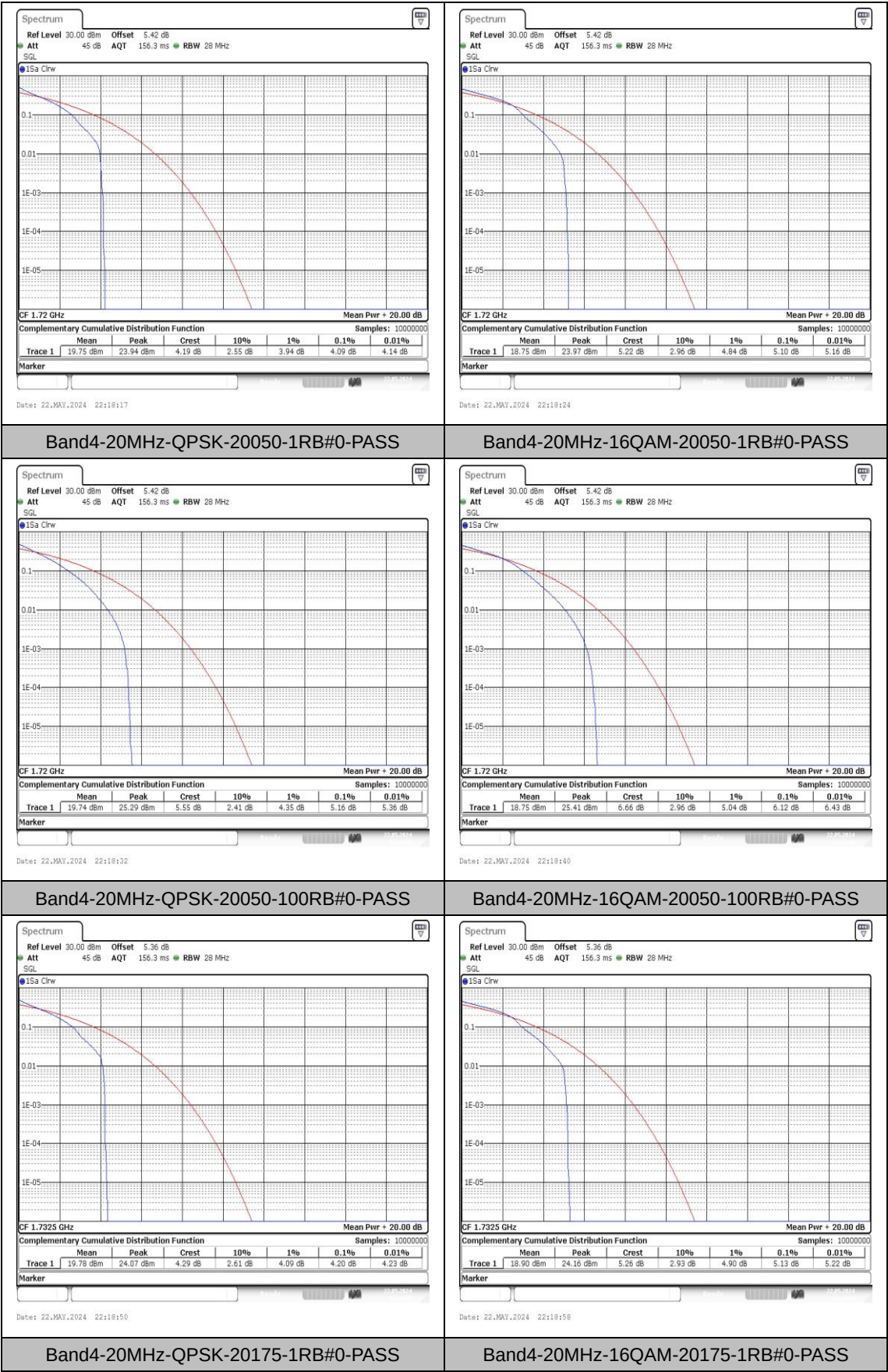


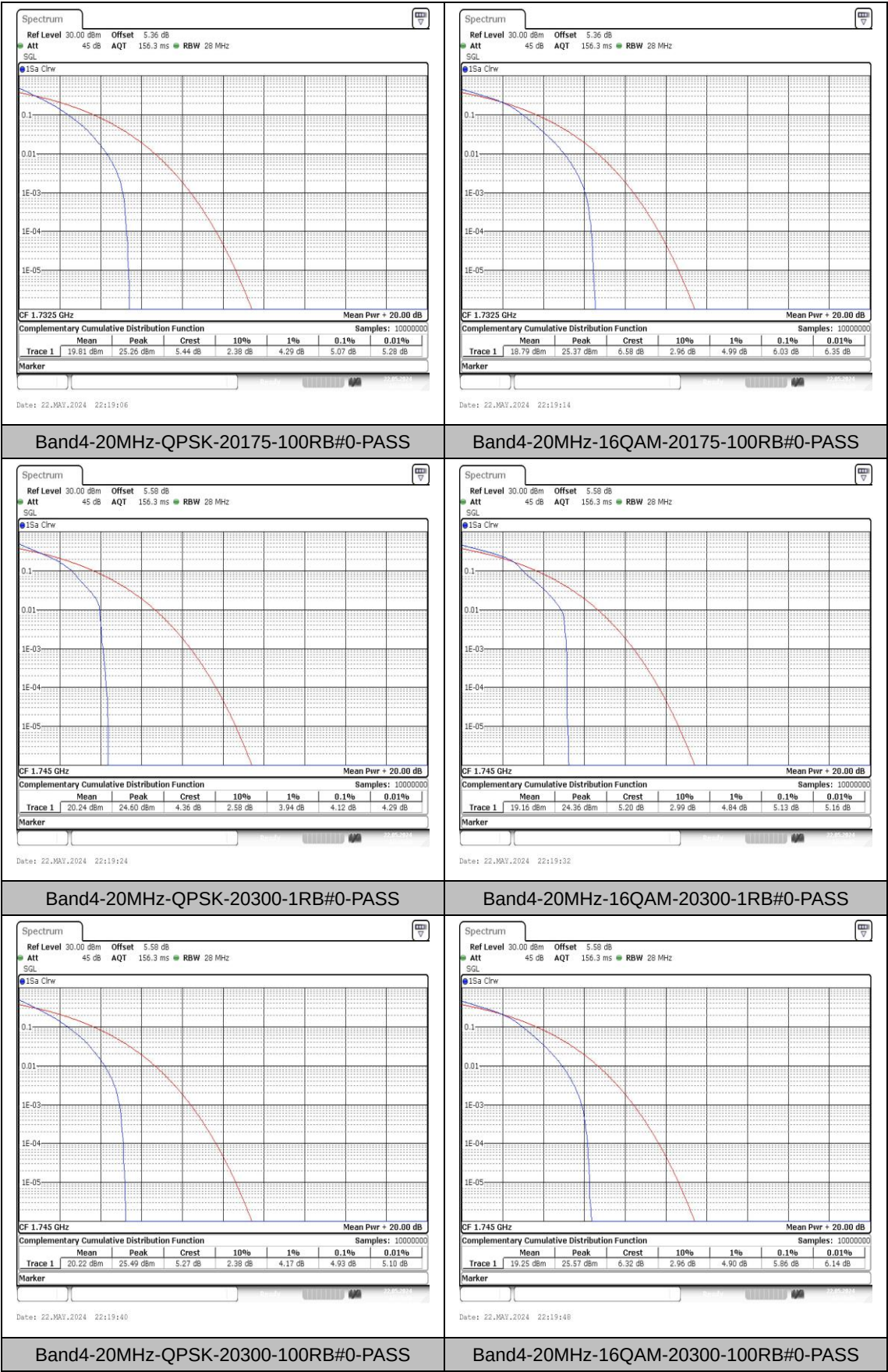












Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.103	1.37	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.098	1.35	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.103	1.37	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.103	1.38	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.103	1.36	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.108	1.38	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.696	3.07	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.696	3.07	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.705	3.07	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.696	3.08	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.705	3.11	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.696	3.06	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.525	5.25	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.525	5.23	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.525	5.23	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.525	5.19	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.525	5.26	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.525	5.21	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.018	10.13	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.018	10.17	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.018	10.13	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.018	10.17	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.018	10.13	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.985	10.10	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.527	15.10	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.527	15.05	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.527	15.05	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.527	14.95	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.478	15.10	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.478	15.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.103	20.13	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.103	20.20	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.037	20.07	PASS

Band4	20MHz	16QAM	20175	100RB#0	18.103	20.27	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.037	20.13	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.103	20.27	PASS