

Appendix for LTE 41C

Product Name: 5G Indoor CPE

Model No: TITAN 5000

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	1RB#0-0RB#0	22.51	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	1RB#0-0RB#0	21.26	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	1RB#24-0RB#0	22.47	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	1RB#24-0RB#0	21.37	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	1RB#0-1RB#99	14.89	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	1RB#0-1RB#99	14.96	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	8RB#0-0RB#0	22.52	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	8RB#0-0RB#0	21.50	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	21.35	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	20.37	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	1RB#0-0RB#0	22.72	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	1RB#0-0RB#0	21.66	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	1RB#24-0RB#0	22.64	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	1RB#24-0RB#0	21.70	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	1RB#0-1RB#99	16.17	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	1RB#0-1RB#99	14.87	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	8RB#0-0RB#0	22.77	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	8RB#0-0RB#0	21.70	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	21.53	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	20.51	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	1RB#0-0RB#0	22.14	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	1RB#0-0RB#0	21.07	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	1RB#24-0RB#0	22.05	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	1RB#24-0RB#0	21.09	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	1RB#0-1RB#99	16.35	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	1RB#0-1RB#99	14.40	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	8RB#0-0RB#0	22.20	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	8RB#0-0RB#0	21.15	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	20.94	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	19.98	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	1RB#0-0RB#0	22.45	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	1RB#0-0RB#0	21.51	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	1RB#49-0RB#0	22.41	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	1RB#49-0RB#0	21.48	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	1RB#0-1RB#74	14.91	PASS

41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	1RB#0-1RB#74	14.90	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	12RB#0-0RB#0	22.51	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	12RB#0-0RB#0	21.38	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	21.36	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	20.35	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	1RB#0-0RB#0	22.73	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	1RB#0-0RB#0	21.59	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	1RB#49-0RB#0	22.59	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	1RB#49-0RB#0	21.53	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	1RB#0-1RB#74	16.20	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	1RB#0-1RB#74	15.00	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	12RB#0-0RB#0	22.73	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	12RB#0-0RB#0	21.83	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	21.47	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	20.48	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	1RB#0-0RB#0	22.15	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	1RB#0-0RB#0	20.86	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	1RB#49-0RB#0	22.00	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	1RB#49-0RB#0	20.99	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	1RB#0-1RB#74	16.28	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	1RB#0-1RB#74	14.33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	12RB#0-0RB#0	22.28	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	12RB#0-0RB#0	21.29	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	20.91	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	19.93	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	1RB#0-0RB#0	22.57	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	1RB#0-0RB#0	21.44	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	1RB#49-0RB#0	22.43	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	1RB#49-0RB#0	21.58	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	1RB#0-1RB#99	14.94	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	1RB#0-1RB#99	14.87	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	12RB#0-0RB#0	22.55	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	12RB#0-0RB#0	21.60	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	21.39	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	20.38	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	1RB#0-0RB#0	22.83	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	1RB#0-0RB#0	21.83	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	1RB#49-0RB#0	22.62	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	1RB#49-0RB#0	21.59	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	1RB#0-1RB#99	16.37	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	1RB#0-1RB#99	15.12	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	12RB#0-0RB#0	22.79	PASS

41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	12RB#0-0RB#0	21.81	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	21.52	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	20.54	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	1RB#0-0RB#0	22.15	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	1RB#0-0RB#0	21.20	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	1RB#49-0RB#0	22.05	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	1RB#49-0RB#0	20.95	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	1RB#0-1RB#99	16.29	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	1RB#0-1RB#99	14.37	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	12RB#0-0RB#0	22.22	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	12RB#0-0RB#0	21.32	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	20.95	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	19.98	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	1RB#0-0RB#0	22.48	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	1RB#0-0RB#0	21.40	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	1RB#74-0RB#0	22.41	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	1RB#74-0RB#0	21.53	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	1RB#0-1RB#49	14.87	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	1RB#0-1RB#49	14.90	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	16RB#0-0RB#0	21.53	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	16RB#0-0RB#0	20.42	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	21.35	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	20.35	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	1RB#0-0RB#0	22.79	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	1RB#0-0RB#0	21.73	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	1RB#74-0RB#0	22.50	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	1RB#74-0RB#0	21.36	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	1RB#0-1RB#49	16.09	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	1RB#0-1RB#49	14.89	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	16RB#0-0RB#0	21.78	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	16RB#0-0RB#0	20.75	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	21.46	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	20.47	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	1RB#0-0RB#0	22.13	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	1RB#0-0RB#0	21.16	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	1RB#74-0RB#0	21.79	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	1RB#74-0RB#0	20.79	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	1RB#0-1RB#49	16.30	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	1RB#0-1RB#49	14.34	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	16RB#0-0RB#0	21.13	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	16RB#0-0RB#0	20.22	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	20.88	PASS

41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	19.91	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	1RB#0-0RB#0	22.48	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	1RB#0-0RB#0	21.52	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	1RB#74-0RB#0	22.33	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	1RB#74-0RB#0	21.51	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	1RB#0-1RB#74	14.92	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	1RB#0-1RB#74	14.88	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	16RB#0-0RB#0	22.51	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	16RB#0-0RB#0	21.52	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	21.35	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	20.39	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	1RB#0-0RB#0	22.74	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	1RB#0-0RB#0	21.73	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	1RB#74-0RB#0	22.60	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	1RB#74-0RB#0	21.46	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	1RB#0-1RB#74	16.28	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	1RB#0-1RB#74	14.95	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	16RB#0-0RB#0	22.78	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	16RB#0-0RB#0	21.81	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	21.47	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	20.48	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	1RB#0-0RB#0	22.46	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	1RB#0-0RB#0	21.25	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	1RB#74-0RB#0	22.05	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	1RB#74-0RB#0	20.87	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	1RB#0-1RB#74	16.29	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	1RB#0-1RB#74	14.41	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	16RB#0-0RB#0	22.22	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	16RB#0-0RB#0	21.22	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	20.90	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	19.92	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	1RB#0-0RB#0	22.50	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	1RB#0-0RB#0	21.61	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	1RB#74-0RB#0	22.48	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	1RB#74-0RB#0	21.58	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	1RB#0-1RB#99	14.89	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	1RB#0-1RB#99	14.79	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	16RB#0-0RB#0	22.52	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	16RB#0-0RB#0	21.50	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	21.41	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	20.38	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	1RB#0-0RB#0	22.74	PASS

41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	1RB#0-0RB#0	21.64	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	1RB#74-0RB#0	22.55	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	1RB#74-0RB#0	21.52	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	1RB#0-1RB#99	16.37	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	1RB#0-1RB#99	14.85	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	16RB#0-0RB#0	22.79	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	16RB#0-0RB#0	21.77	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	21.49	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	20.51	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	1RB#0-0RB#0	22.18	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	1RB#0-0RB#0	21.22	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	1RB#74-0RB#0	21.97	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	1RB#74-0RB#0	21.06	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	1RB#0-1RB#99	16.11	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	1RB#0-1RB#99	14.46	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	16RB#0-0RB#0	22.27	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	16RB#0-0RB#0	21.23	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	20.93	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	19.94	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	1RB#0-0RB#0	22.49	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	1RB#0-0RB#0	21.43	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	1RB#99-0RB#0	22.56	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	1RB#99-0RB#0	21.56	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	1RB#0-1RB#24	14.90	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	1RB#0-1RB#24	14.85	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	18RB#0-0RB#0	21.52	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	18RB#0-0RB#0	20.50	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	21.41	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	20.40	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	1RB#0-0RB#0	22.68	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	1RB#0-0RB#0	21.57	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	1RB#99-0RB#0	22.50	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	1RB#99-0RB#0	21.47	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	1RB#0-1RB#24	16.16	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	1RB#0-1RB#24	15.03	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	18RB#0-0RB#0	21.77	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	18RB#0-0RB#0	20.73	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	21.47	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	20.48	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	1RB#0-0RB#0	22.11	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	1RB#0-0RB#0	21.25	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	1RB#99-0RB#0	21.89	PASS

41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	1RB#99-0RB#0	21.02	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	1RB#0-1RB#24	15.79	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	1RB#0-1RB#24	14.47	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	18RB#0-0RB#0	21.17	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	18RB#0-0RB#0	20.14	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	20.87	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	19.89	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	1RB#0-0RB#0	22.55	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	1RB#0-0RB#0	21.47	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	1RB#99-0RB#0	22.56	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	1RB#99-0RB#0	21.55	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	1RB#0-1RB#74	14.93	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	1RB#0-1RB#74	14.89	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	18RB#0-0RB#0	21.47	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	18RB#0-0RB#0	20.46	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	21.43	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	20.41	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	1RB#0-0RB#0	22.71	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	1RB#0-0RB#0	21.80	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	1RB#99-0RB#0	22.47	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	1RB#99-0RB#0	21.63	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	1RB#0-1RB#74	16.24	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	1RB#0-1RB#74	14.89	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	18RB#0-0RB#0	21.76	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	18RB#0-0RB#0	20.78	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	21.50	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	20.49	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	1RB#0-0RB#0	22.16	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	1RB#0-0RB#0	21.01	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	1RB#99-0RB#0	21.97	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	1RB#99-0RB#0	21.21	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	1RB#0-1RB#74	22.15	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	1RB#0-1RB#74	21.25	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	18RB#0-0RB#0	22.15	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	18RB#0-0RB#0	21.19	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	21.18	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	20.24	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	1RB#0-0RB#0	22.51	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	1RB#0-0RB#0	21.72	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	1RB#99-0RB#0	22.57	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	1RB#99-0RB#0	21.53	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	1RB#0-1RB#99	14.90	PASS

41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	1RB#0-1RB#99	14.84	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	18RB#0-0RB#0	22.50	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	18RB#0-0RB#0	21.51	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	21.41	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	20.45	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	1RB#0-0RB#0	22.81	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	1RB#0-0RB#0	21.56	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	1RB#99-0RB#0	22.63	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	1RB#99-0RB#0	21.51	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	1RB#0-1RB#99	16.42	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	1RB#0-1RB#99	14.98	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	18RB#0-0RB#0	22.74	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	18RB#0-0RB#0	21.75	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	21.48	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	20.48	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	1RB#0-0RB#0	22.20	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	1RB#0-0RB#0	21.15	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	1RB#99-0RB#0	22.13	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	1RB#99-0RB#0	21.12	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	1RB#0-1RB#99	16.36	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	1RB#0-1RB#99	14.45	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	18RB#0-0RB#0	22.25	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	18RB#0-0RB#0	21.23	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	20.94	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	19.96	PASS

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	9.77	13	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	10.41	13	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	9.83	13	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	10.43	13	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	9.45	13	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	10.14	13	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	9.77	13	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	10.38	13	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	9.77	13	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	10.41	13	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	9.54	13	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	10.17	13	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	12.00	13	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	12.09	13	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	12.00	13	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	12.12	13	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	12.03	13	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	12.14	13	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	9.88	13	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	10.41	13	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	9.91	13	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	10.49	13	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	9.54	13	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	10.20	13	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	11.42	13	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	11.57	13	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	11.51	13	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	11.57	13	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	11.51	13	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	11.54	13	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	12.00	13	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	12.03	13	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	12.00	13	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	12.06	13	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	12.00	13	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	12.09	13	PASS

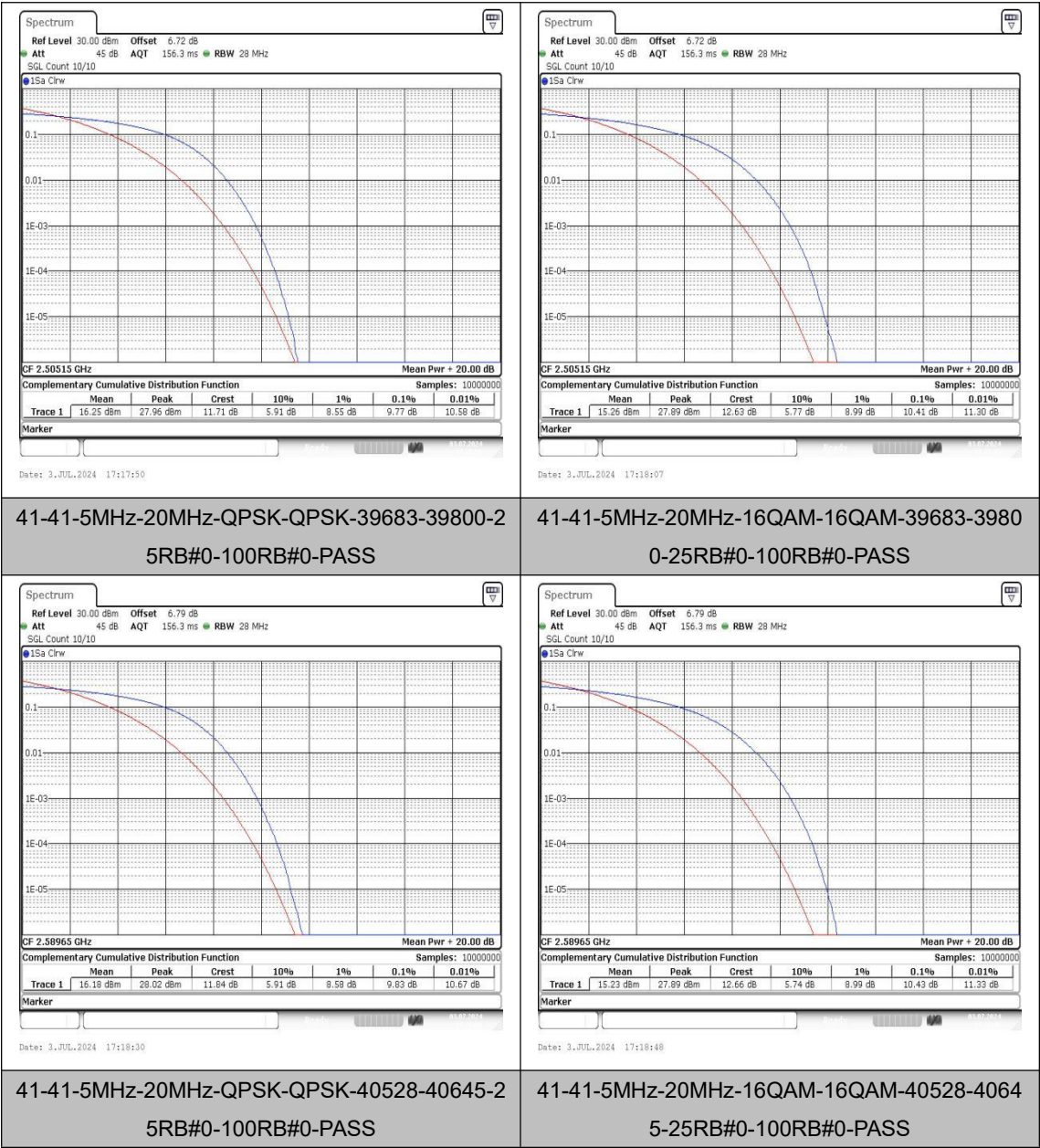
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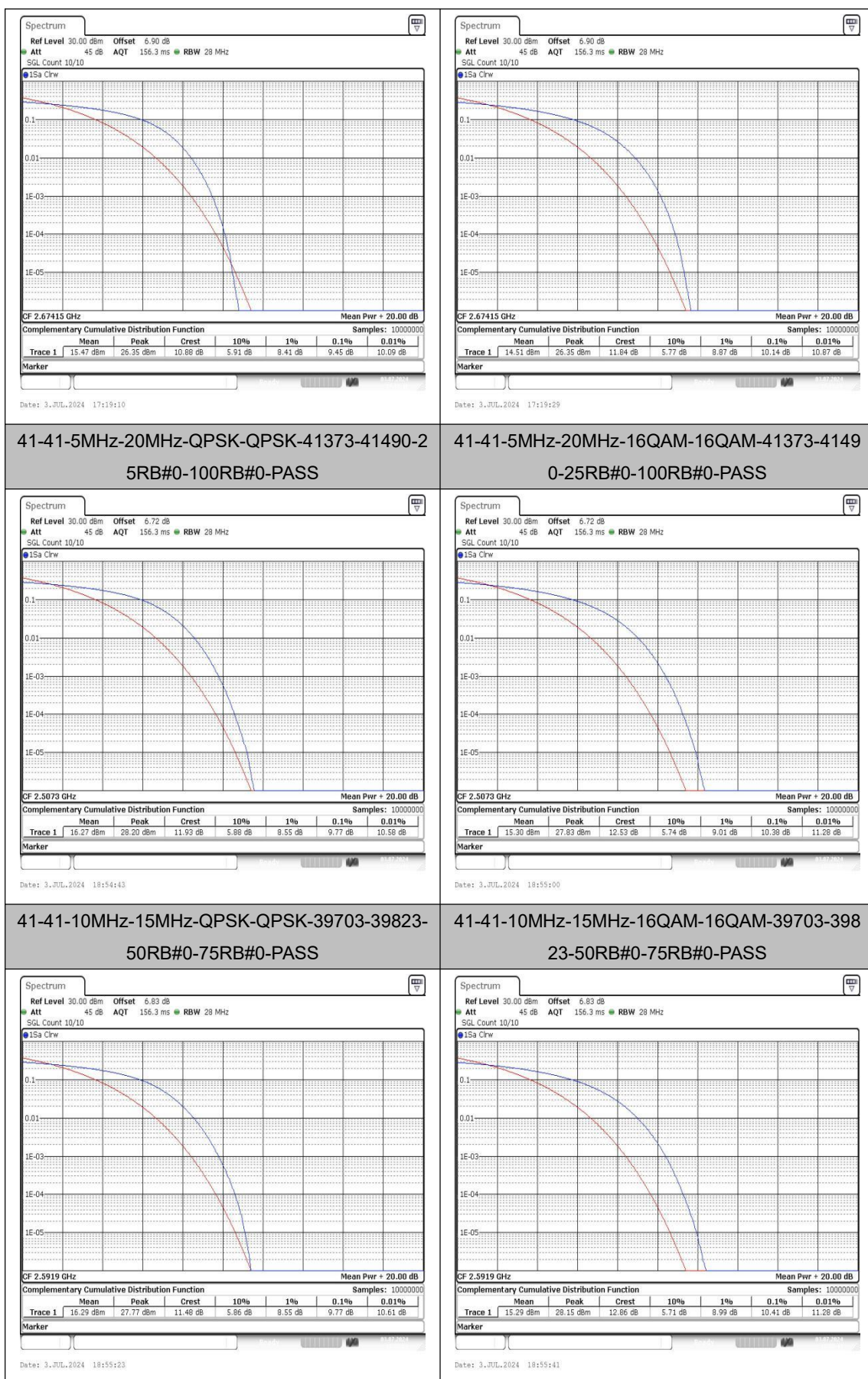
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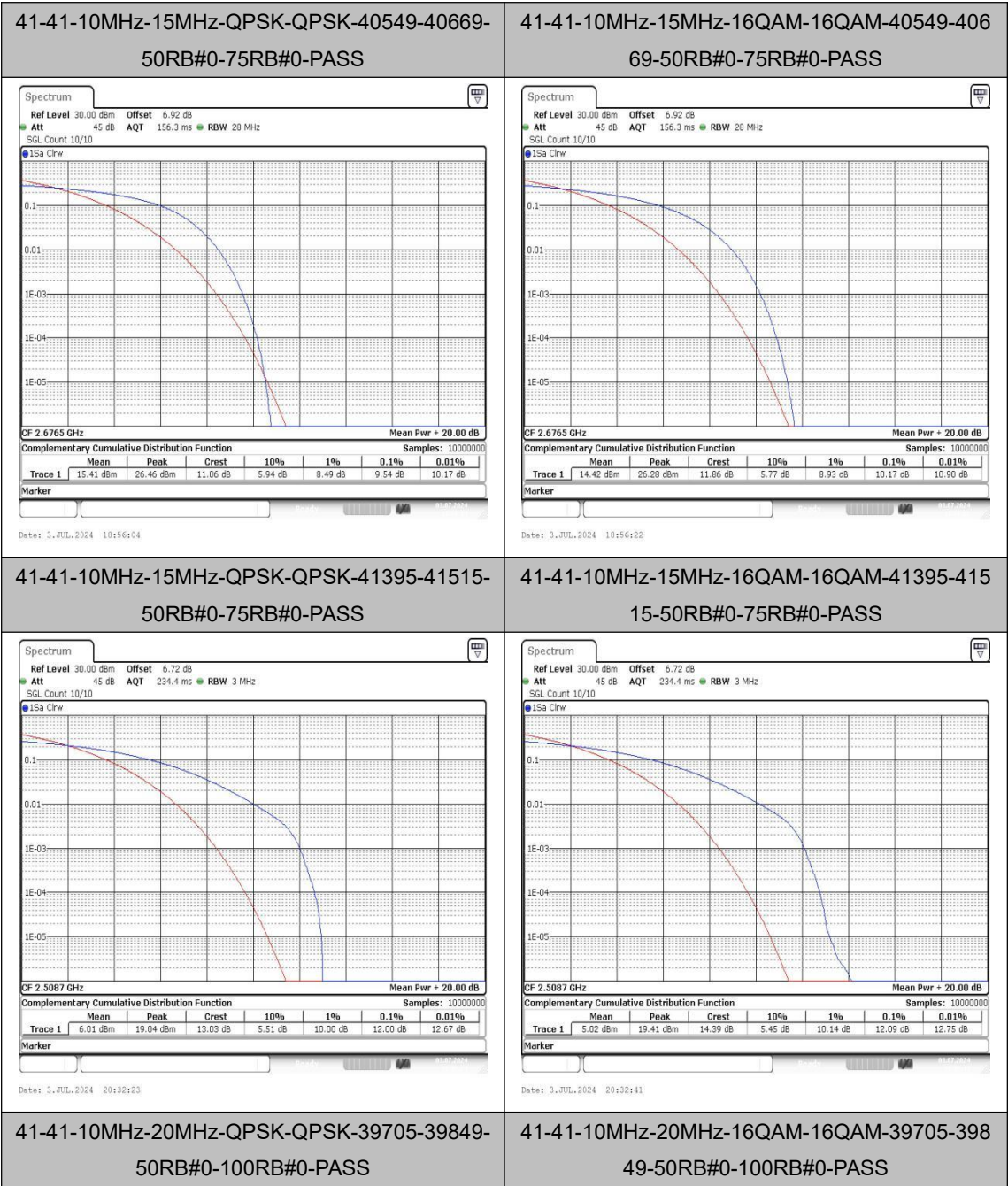
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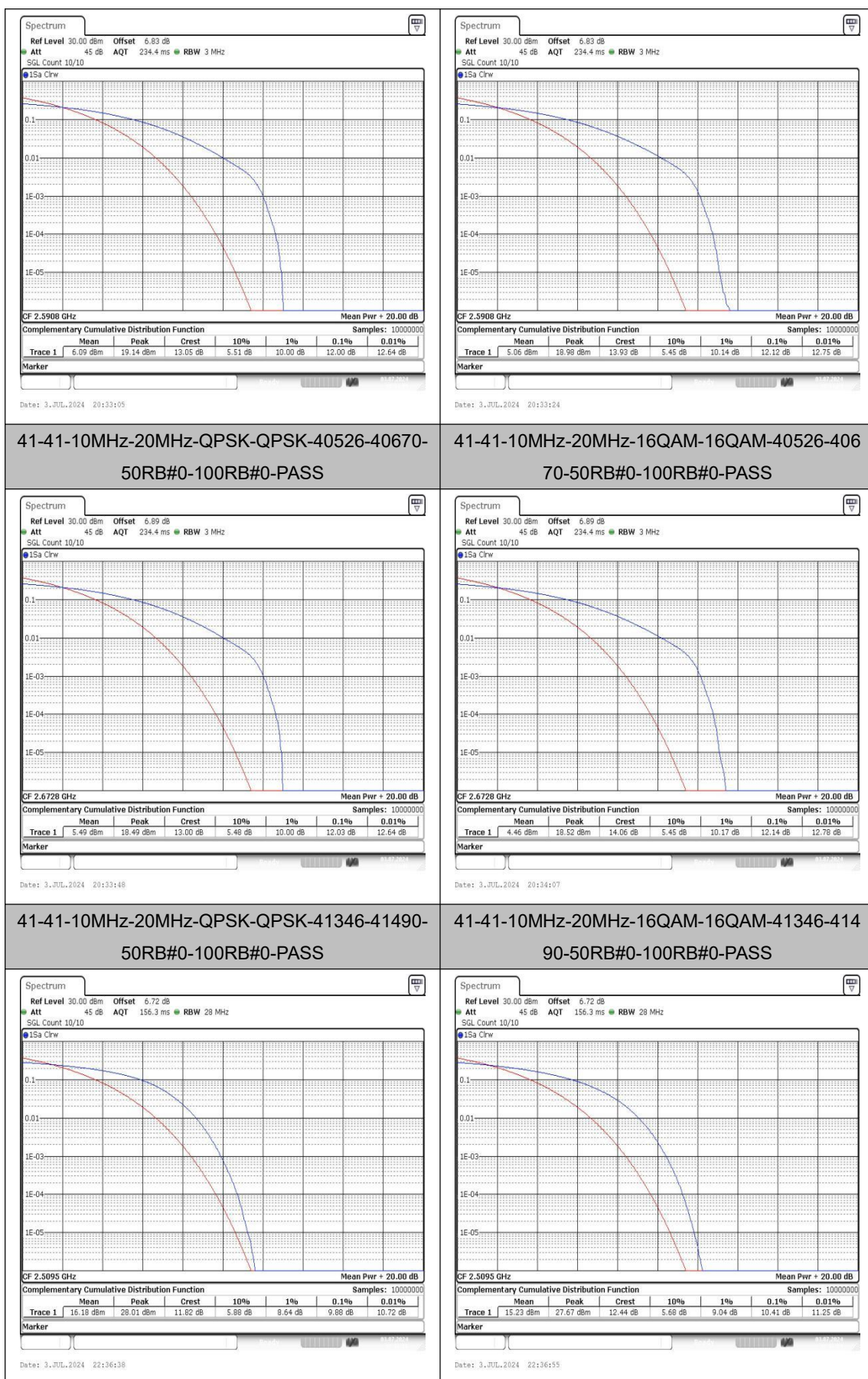
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	9.88	13	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	10.46	13	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	9.88	13	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	10.49	13	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	9.51	13	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	10.14	13	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	11.28	13	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	11.42	13	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	11.30	13	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	11.45	13	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	11.30	13	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	11.42	13	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	11.65	13	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	11.71	13	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	11.71	13	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	11.71	13	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	11.33	13	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	11.42	13	PASS

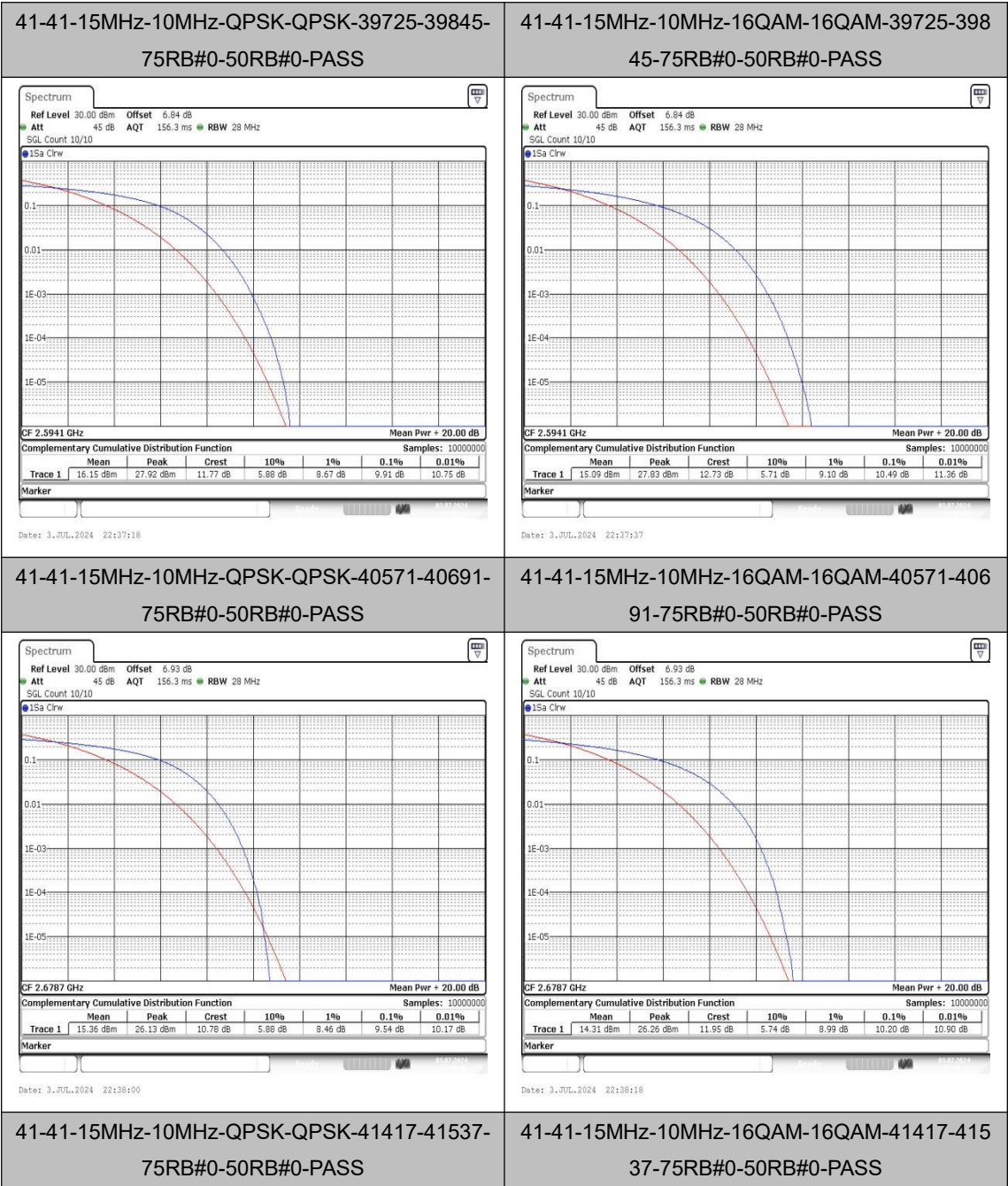
Test Graphs

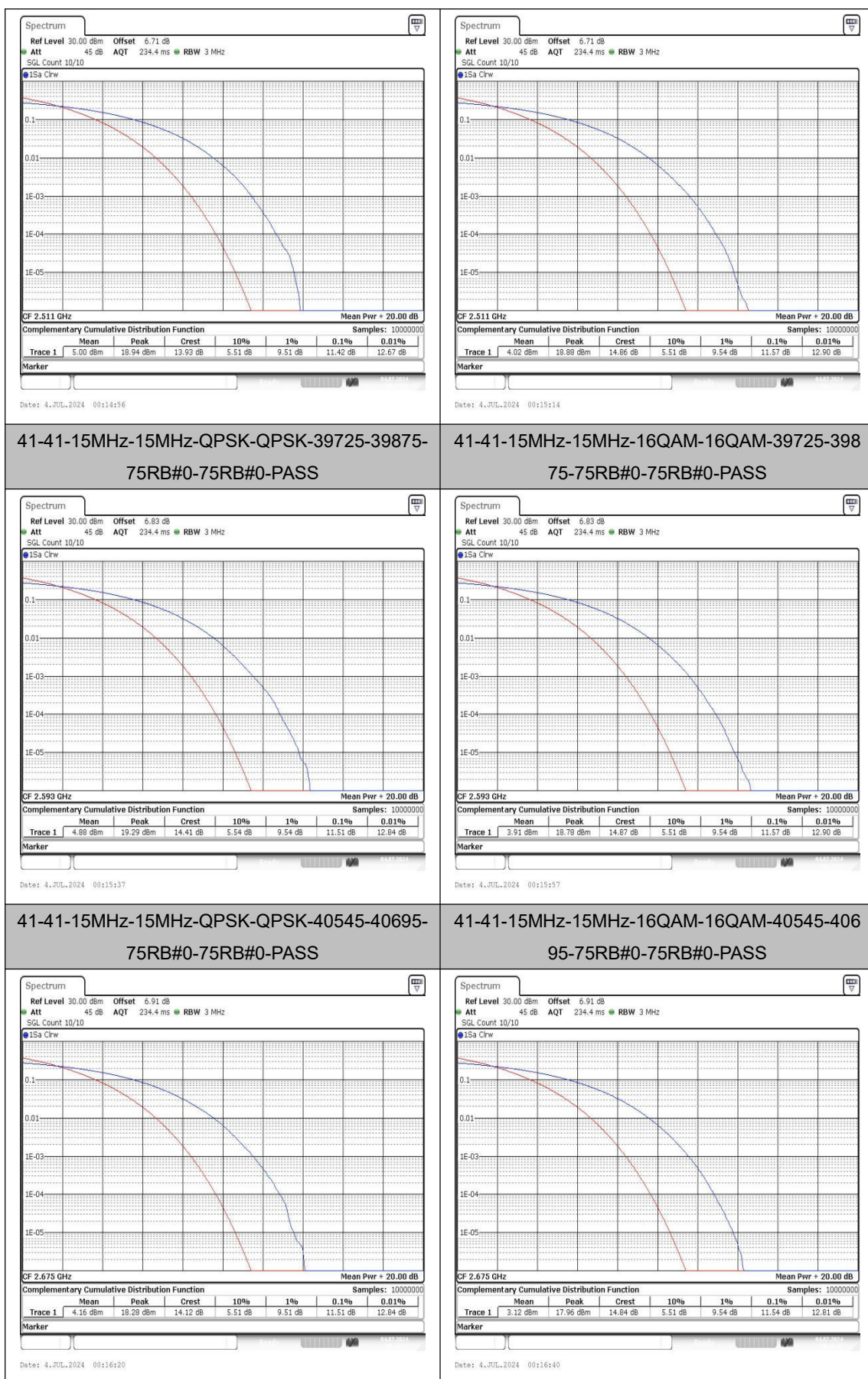


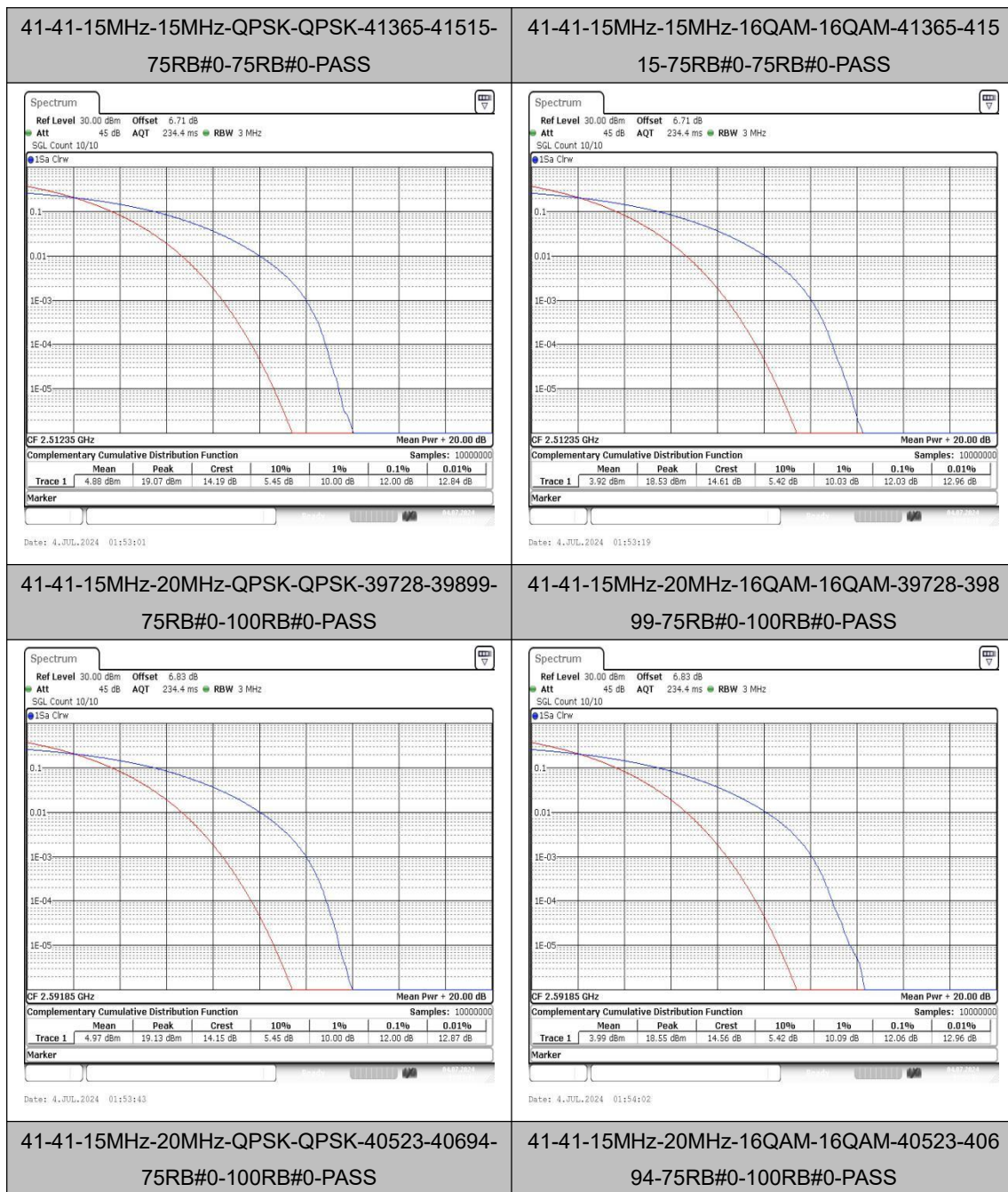


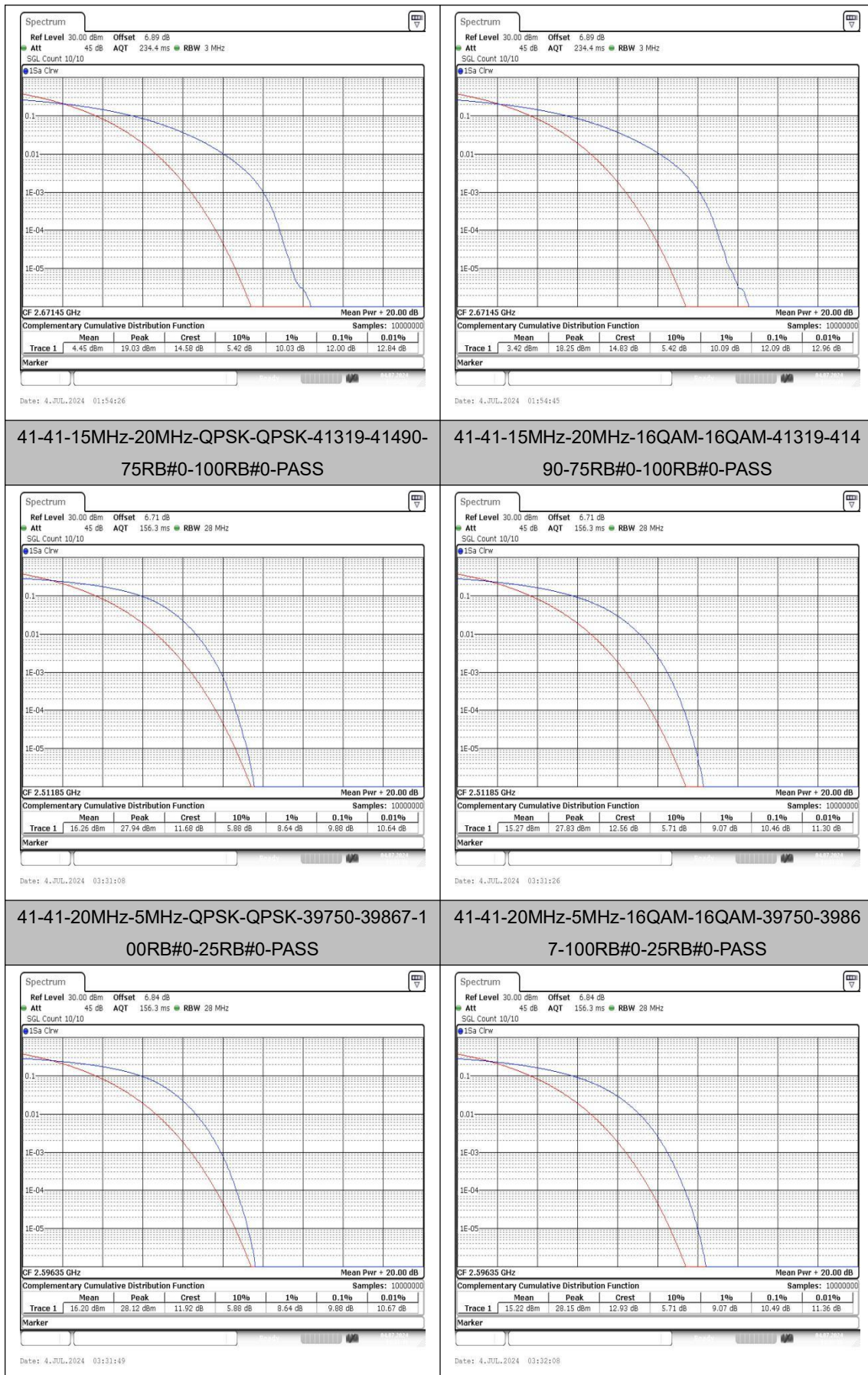


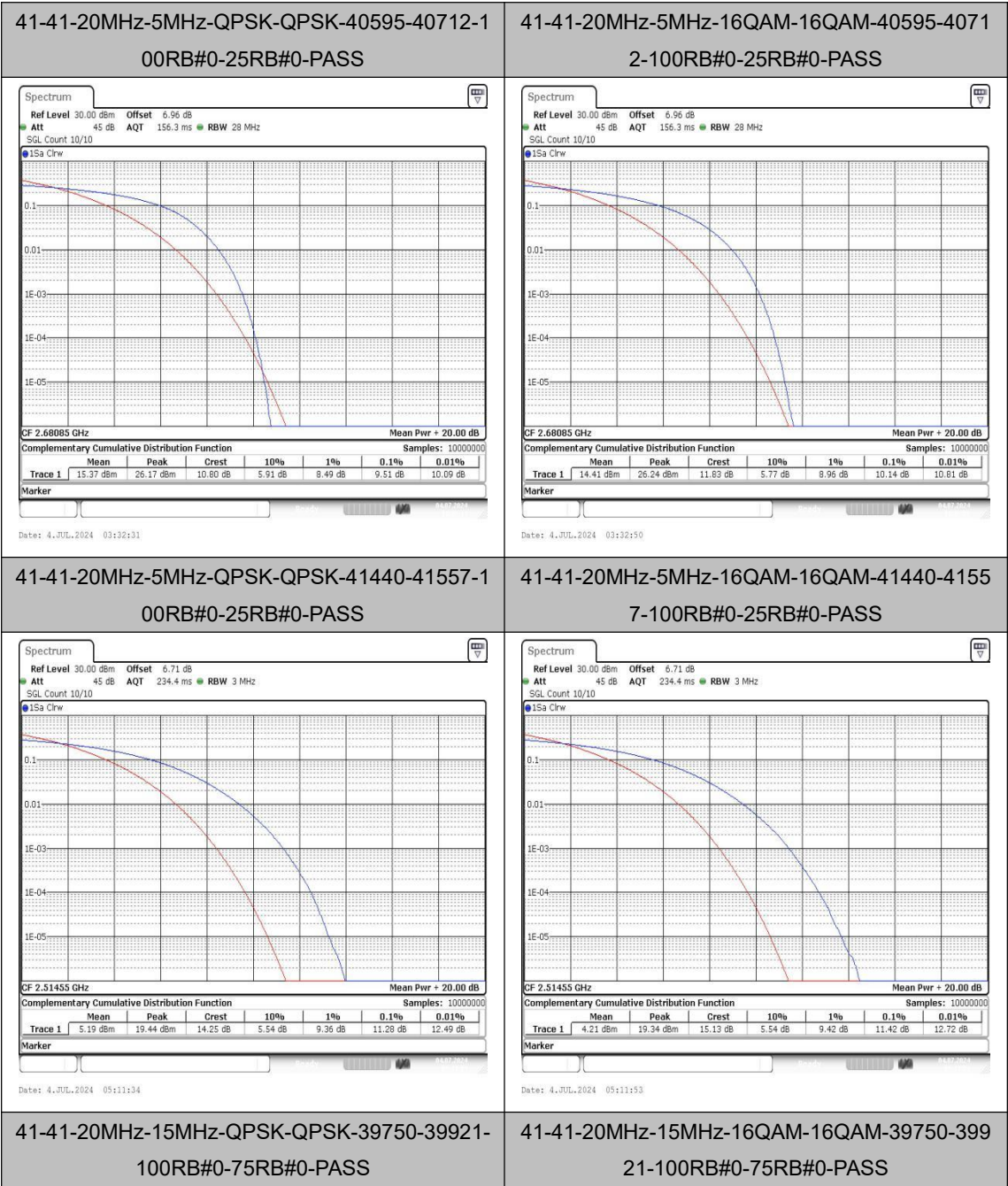


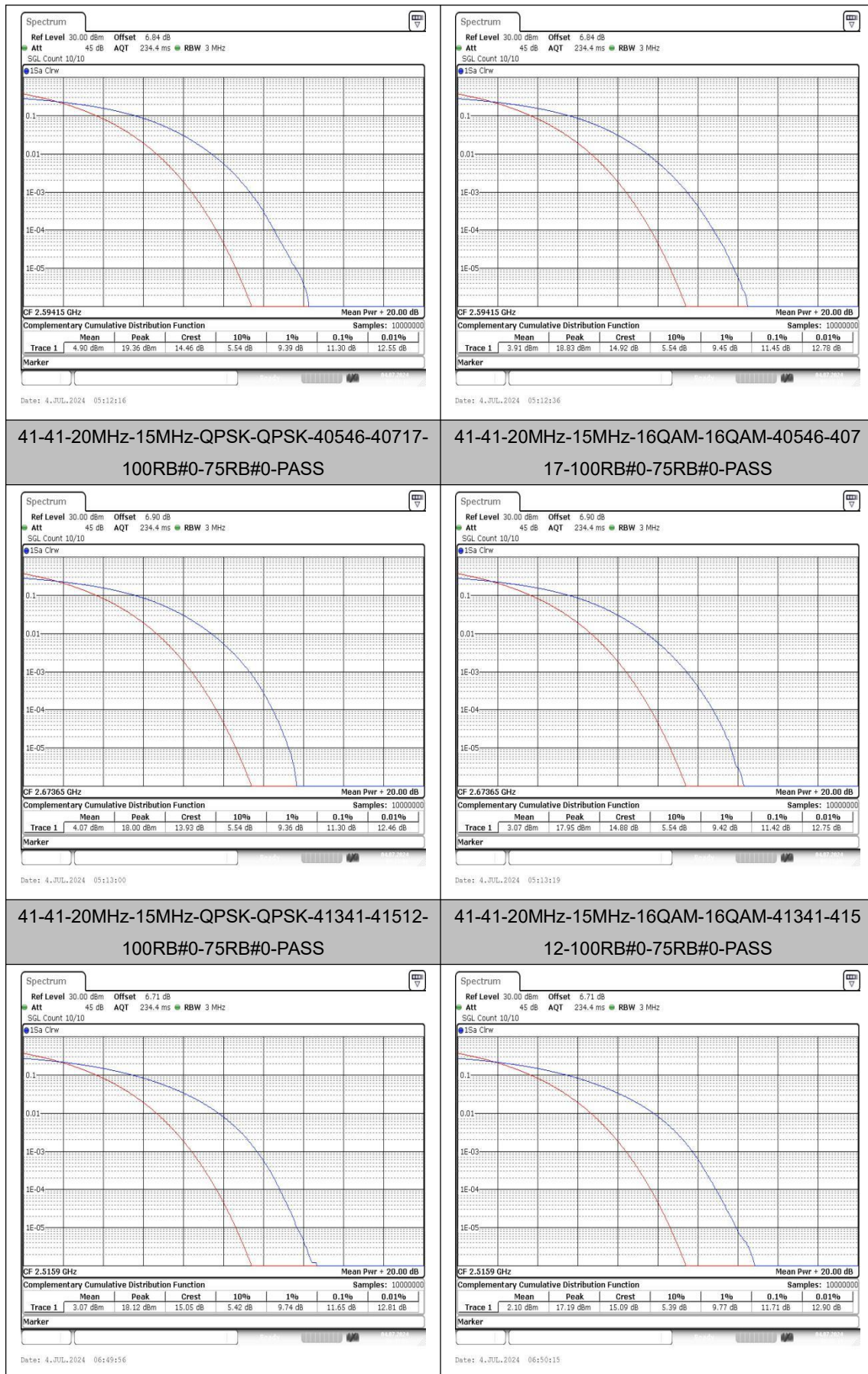


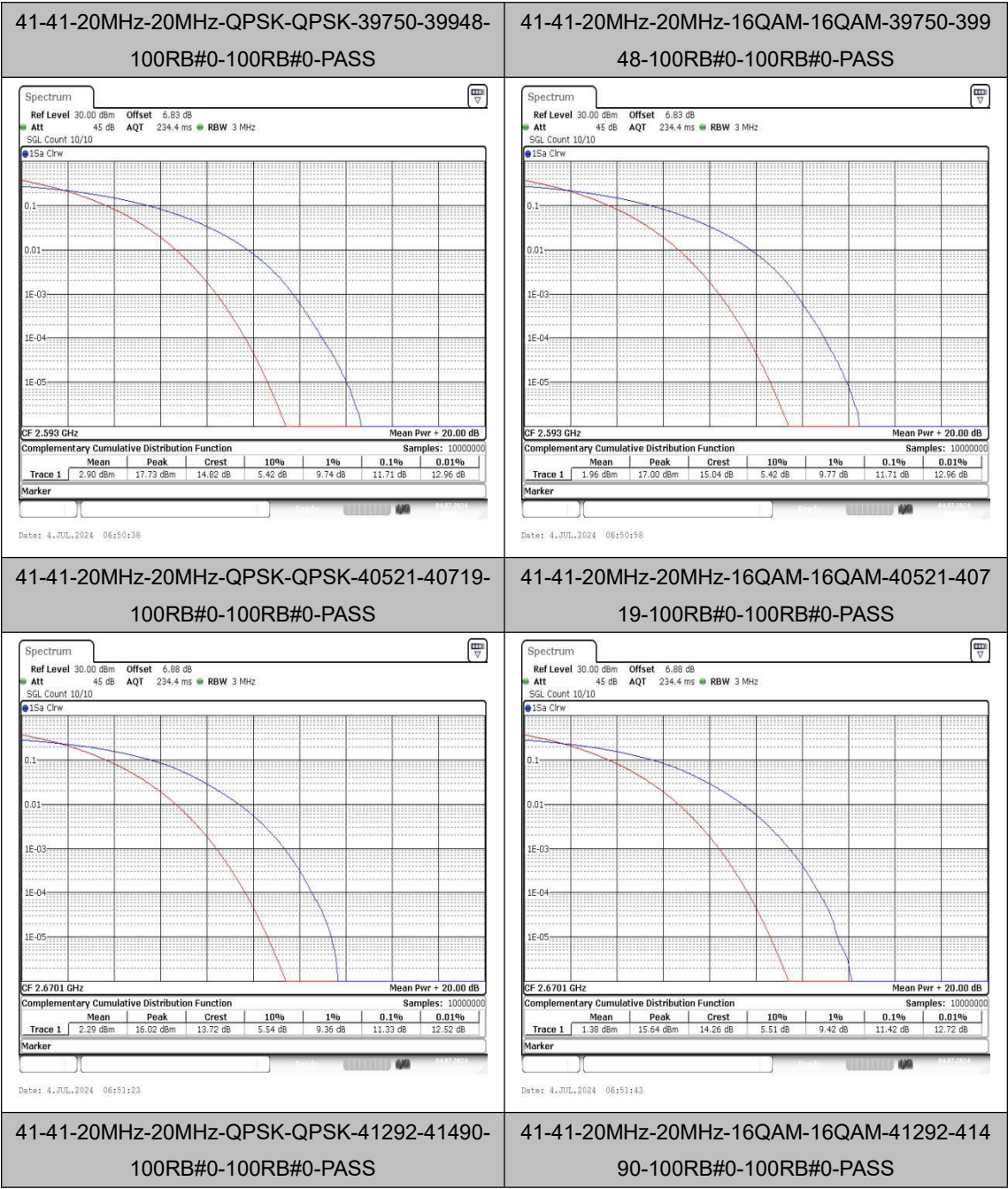












Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	22.927	24.55	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	22.977	24.50	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	22.927	24.50	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	22.927	24.40	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	22.927	24.40	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	22.927	24.25	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	23.177	25.05	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	23.177	24.95	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	23.177	24.90	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	23.177	24.85	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	23.227	24.95	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	23.177	25.00	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	27.752	29.52	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	27.812	29.76	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	27.752	29.76	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	27.752	29.64	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	27.752	29.64	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	27.752	29.70	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	23.127	25.00	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	23.177	25.00	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	23.177	24.95	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	23.177	25.05	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	23.177	25.05	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	23.177	24.85	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	28.352	30.36	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	28.412	30.42	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	28.412	30.42	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	28.352	30.36	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	28.352	30.36	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	28.412	30.36	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	32.657	34.79	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	32.657	34.65	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	32.657	34.79	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	32.657	34.93	PASS

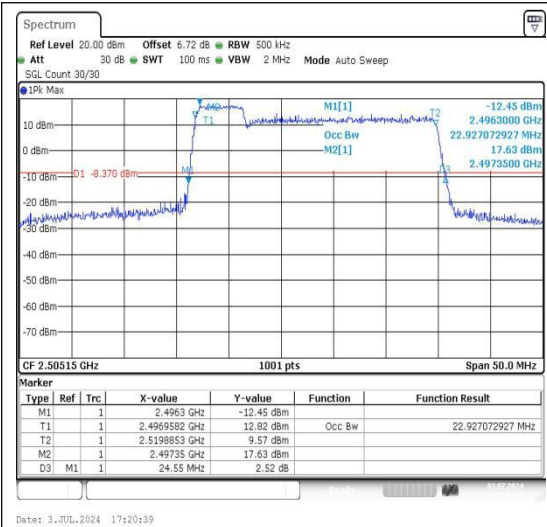
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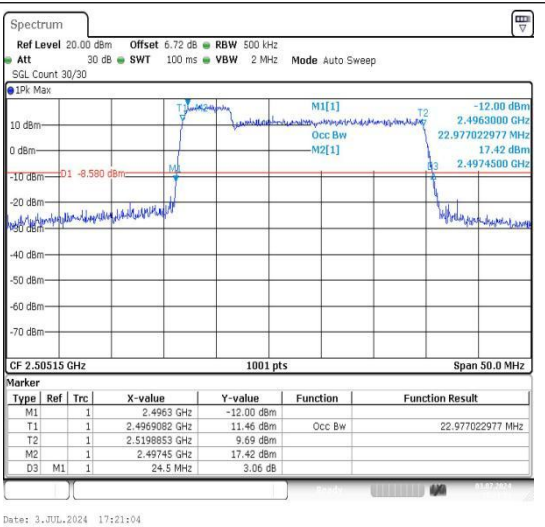
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41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	32.727	34.86	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	32.657	34.79	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	22.927	24.45	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	22.877	24.45	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	22.927	24.45	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	22.927	24.50	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	23.027	24.50	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	22.927	24.35	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	32.657	34.72	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	32.657	34.58	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	18.112	20.09	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	17.972	20.02	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	32.657	34.72	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	32.727	34.72	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	37.802	40.80	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	37.802	40.72	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	37.802	40.72	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	37.882	40.64	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	37.882	40.72	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	37.802	40.56	PASS

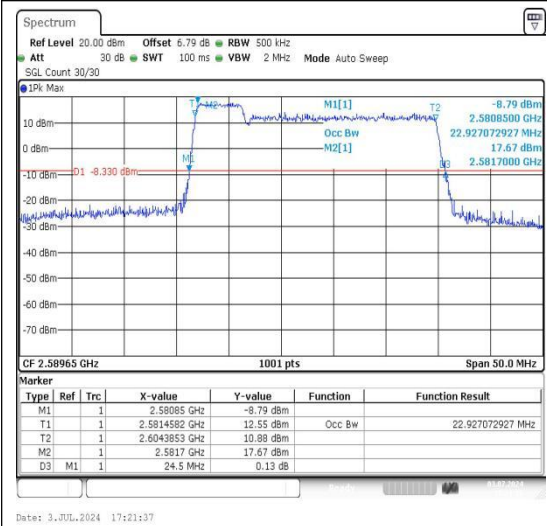
Test Graphs



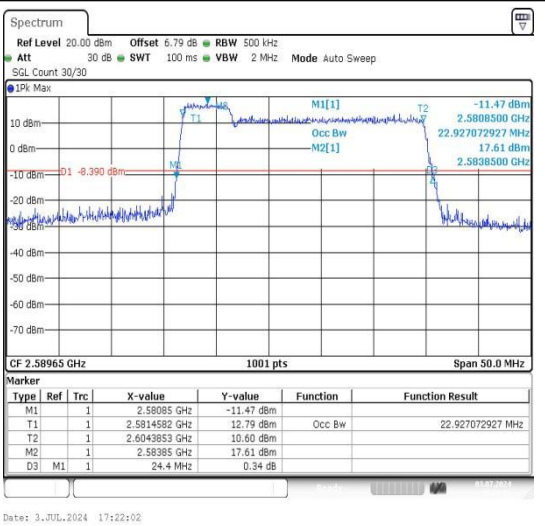
41-41-5MHz-20MHz-QPSK-QPSK-39683-39800-25RB#0-100RB#0-PASS



41-41-5MHz-20MHz-16QAM-16QAM-39683-39800-25RB#0-100RB#0-PASS



41-41-5MHz-20MHz-QPSK-QPSK-40528-40645-25RB#0-100RB#0-PASS



41-41-5MHz-20MHz-16QAM-16QAM-40528-40645-25RB#0-100RB#0-PASS

