

Appendix for Band 5

Product Name: Wireless mobile tablet data terminal

Model No: FG80

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.17	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.23	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.17	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.24	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.25	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.24	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.16	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.88	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.97	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.87	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.98	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.95	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.92	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.97	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.91	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.11	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.96	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.01	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.01	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.07	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.11	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.29	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.38	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.30	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.14	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.16	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.10	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.22	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.03	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.20	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	21.98	PASS

Band5	1.4MHz	16QAM	20525	3RB#0	21.88	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.90	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.81	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.00	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.02	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.26	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.06	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.89	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.97	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.97	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.97	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.15	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.17	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.10	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.18	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.13	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.19	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.15	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.84	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.80	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.87	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.95	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.02	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.91	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.97	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.91	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.96	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.98	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.05	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.01	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.02	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.01	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.38	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.32	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.31	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.24	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.24	PASS

Band5	3MHz	16QAM	20415	8RB#7	21.23	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.16	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.13	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.02	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.05	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.01	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.00	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.98	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.94	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.05	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.05	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.09	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.98	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.01	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.98	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.86	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.16	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.19	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.03	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.13	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.13	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.17	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.19	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.91	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.97	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.76	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.03	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.01	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.90	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.01	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.84	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.01	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.94	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.99	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.97	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.00	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.98	PASS

Band5	5MHz	16QAM	20425	1RB#0	22.15	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.28	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.05	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.11	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.14	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.15	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.18	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.94	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.00	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.85	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.00	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.01	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.95	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.04	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.01	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.22	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.16	PASS
Band5	5MHz	16QAM	20625	12RB#0	20.97	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.94	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.02	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.93	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.35	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.17	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.90	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.16	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.17	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.16	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.16	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.03	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.07	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.80	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.03	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.07	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.03	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.06	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.88	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.04	PASS

Band5	10MHz	QPSK	20600	1RB#49	22.94	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.00	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.01	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.92	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.94	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.37	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.34	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.11	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.13	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.13	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.20	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.15	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.23	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.17	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.06	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.06	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.02	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.00	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.99	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.12	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.06	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.18	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.02	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.03	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.96	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.94	PASS

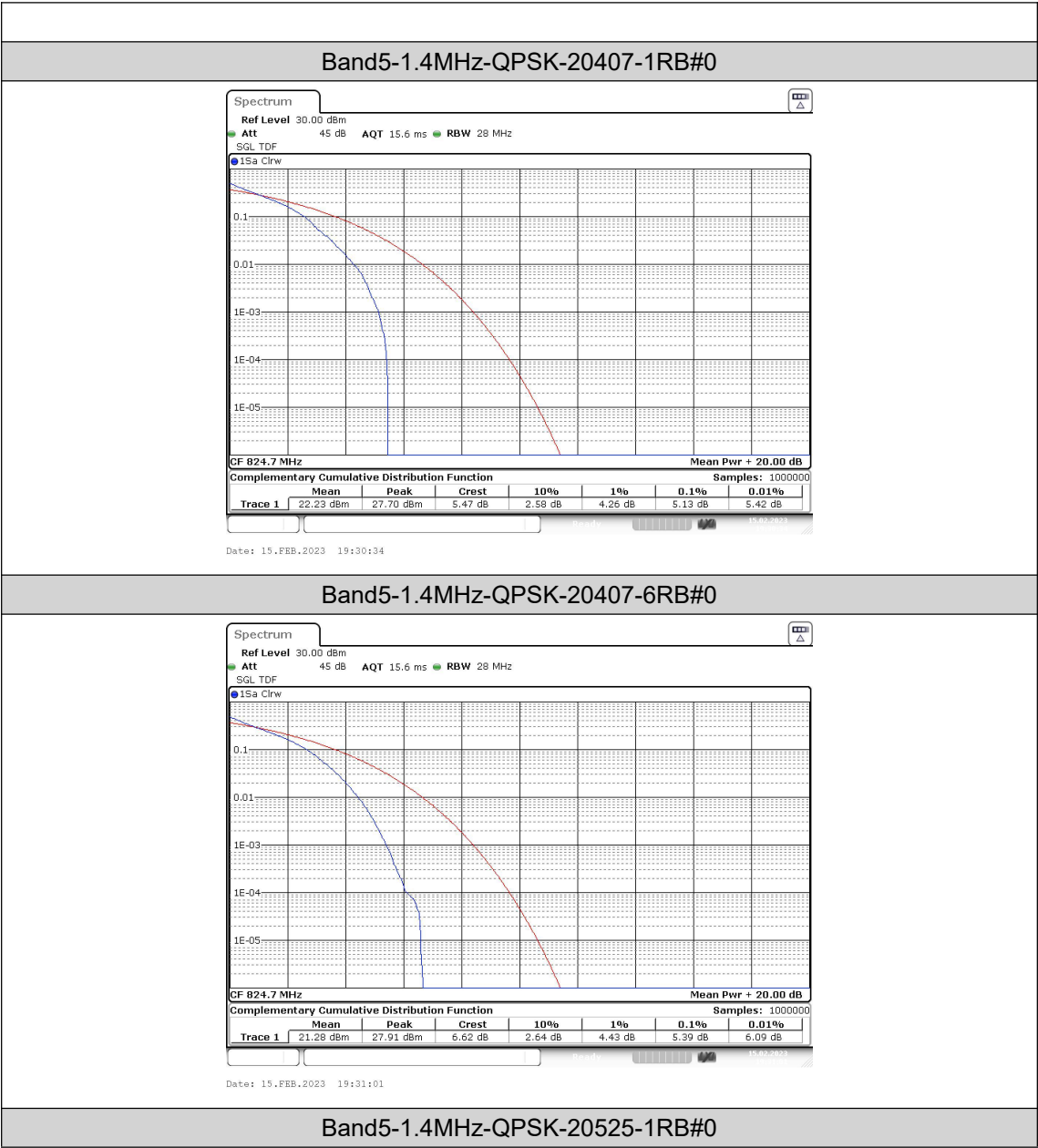
Appendix B: Peak-to-Average Ratio(CCDF)

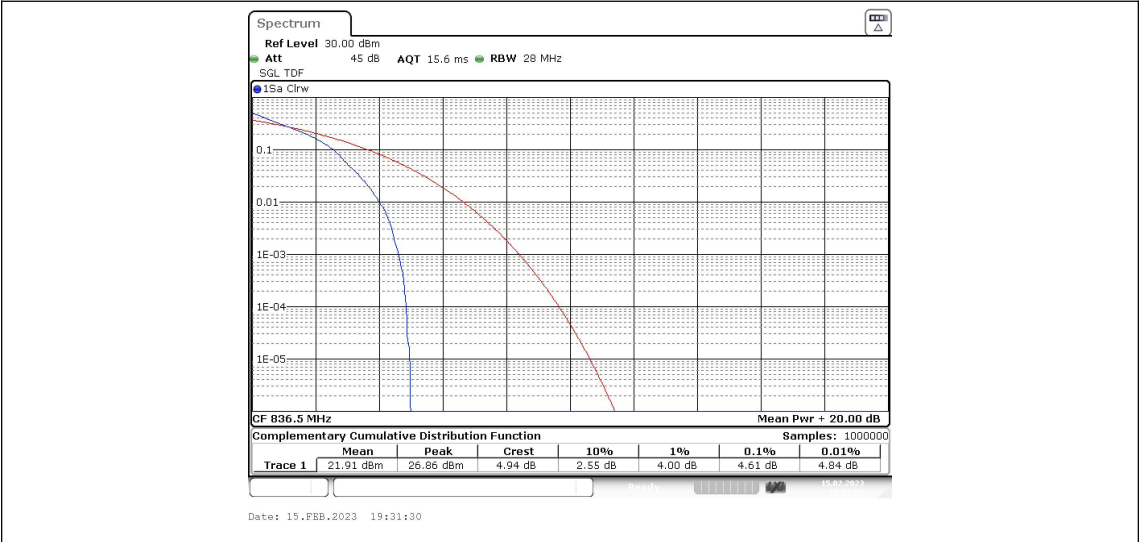
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	5.13	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.39	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.61	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.10	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.65	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.46	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	6.00	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.17	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.54	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.88	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	4.46	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.36	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.01	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.42	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.67	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.22	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	3.74	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.52	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.80	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.26	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.51	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.09	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.52	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.42	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.22	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.39	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.81	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.30	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.14	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.70	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.80	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.12	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.36	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.03	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.81	13	PASS

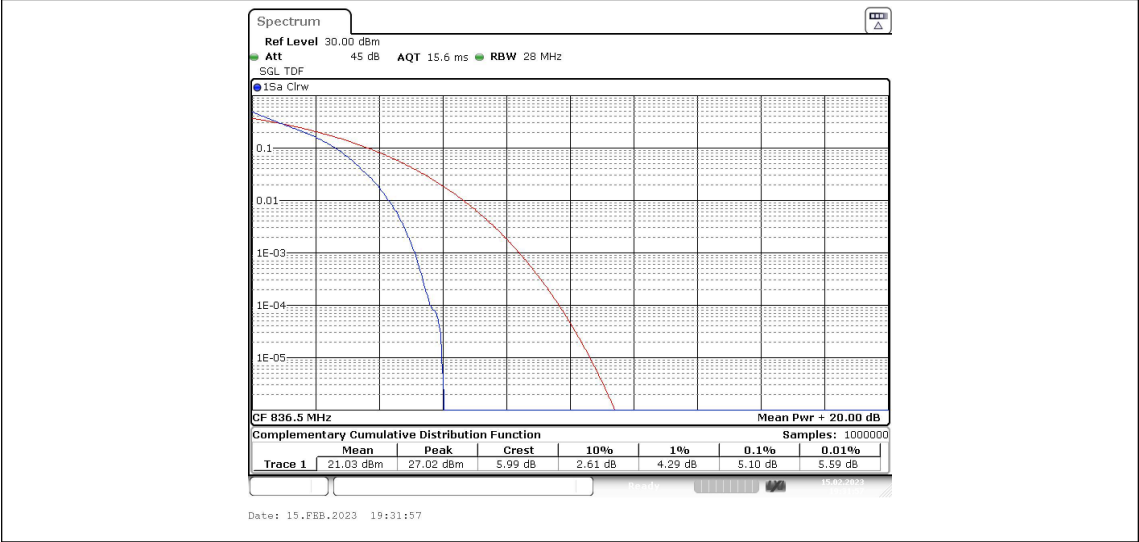
Band5	5MHz	16QAM	20625	25RB#0	5.54	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.99	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.22	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.29	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.13	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.35	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.90	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.86	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.00	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.10	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.94	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.07	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.74	13	PASS

Test Graphs

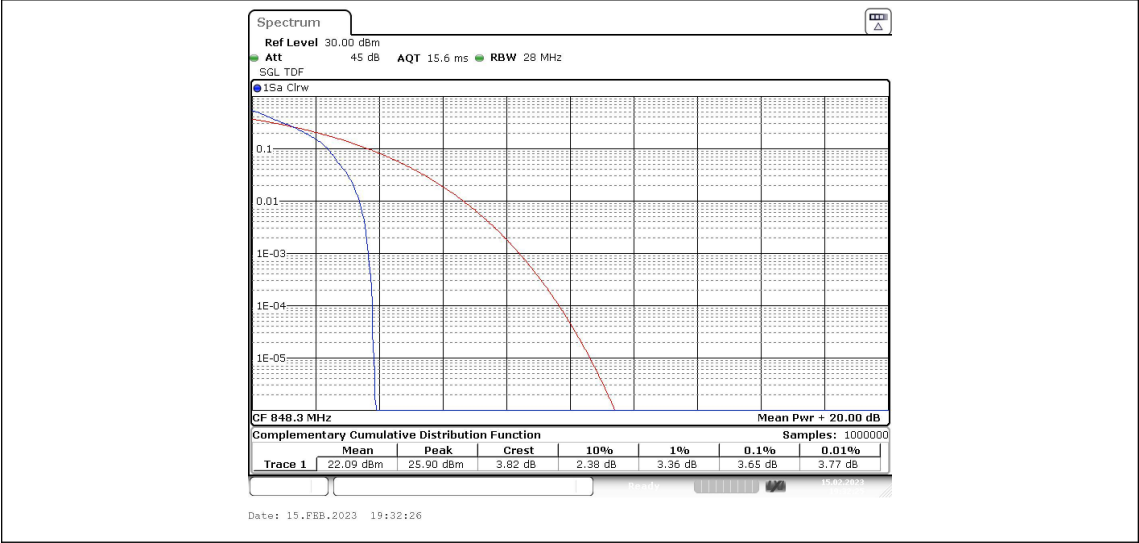




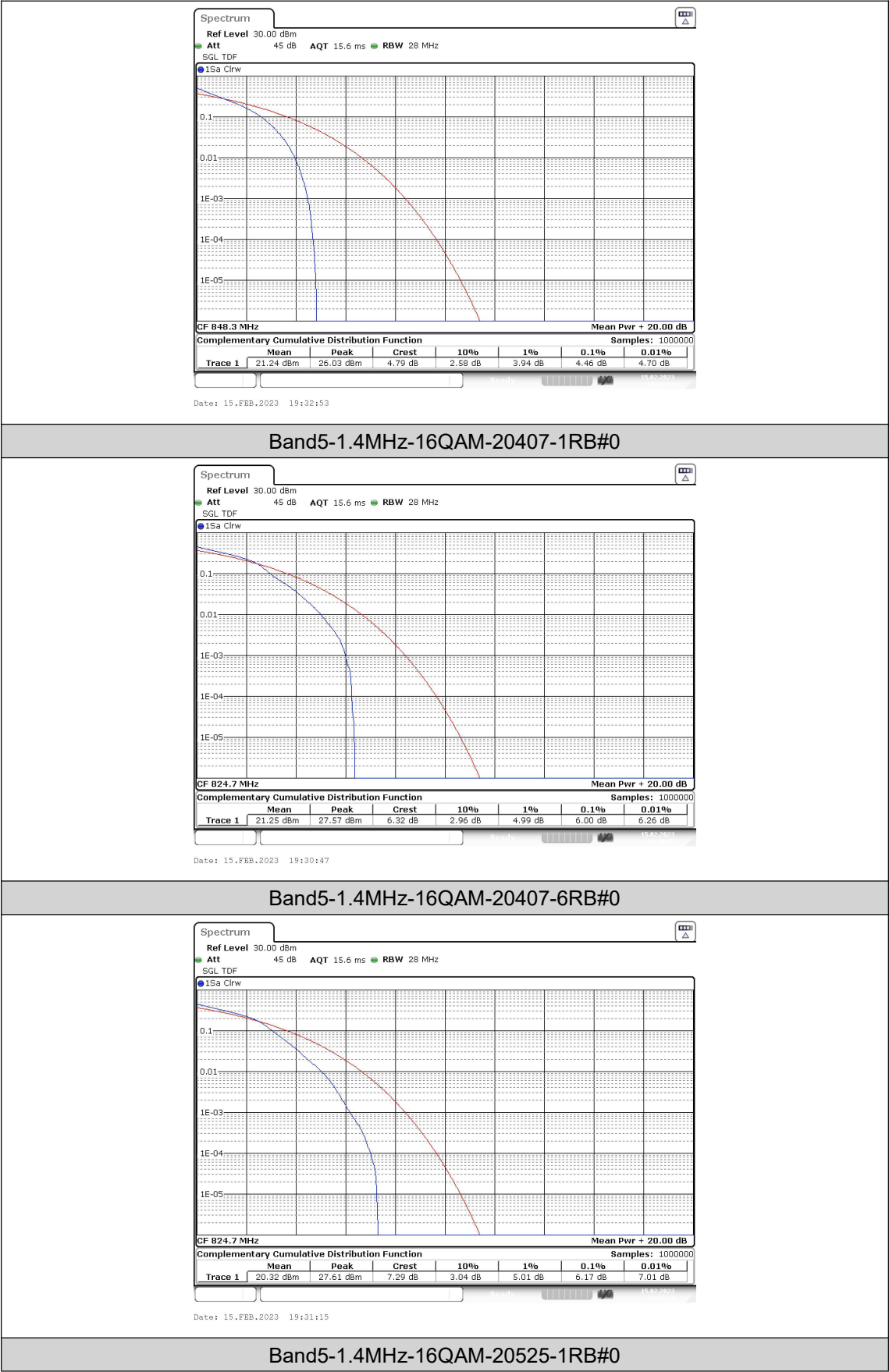
Band5-1.4MHz-QPSK-20525-6RB#0

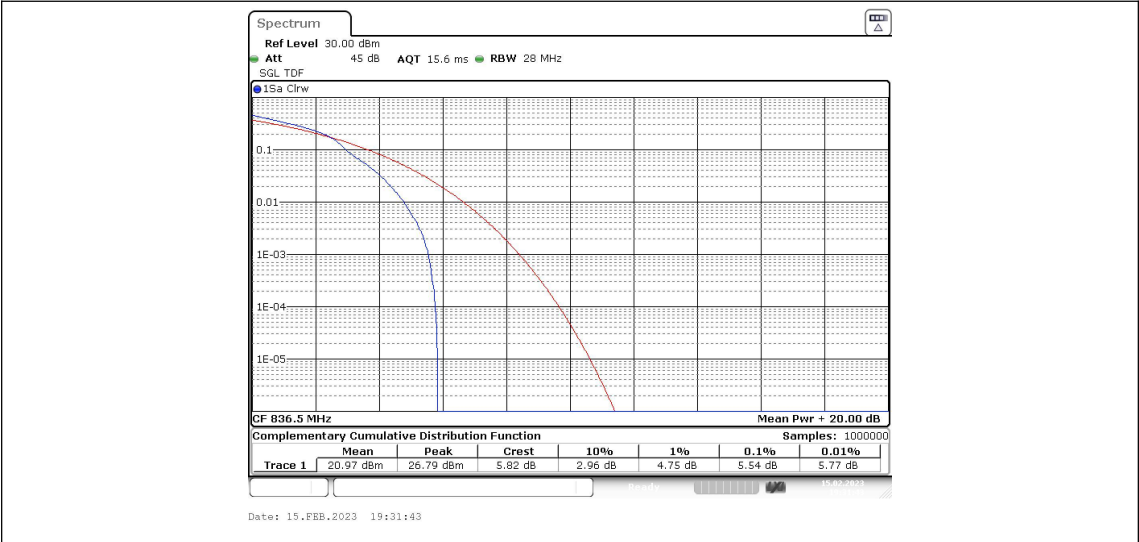


Band5-1.4MHz-QPSK-20643-1RB#0

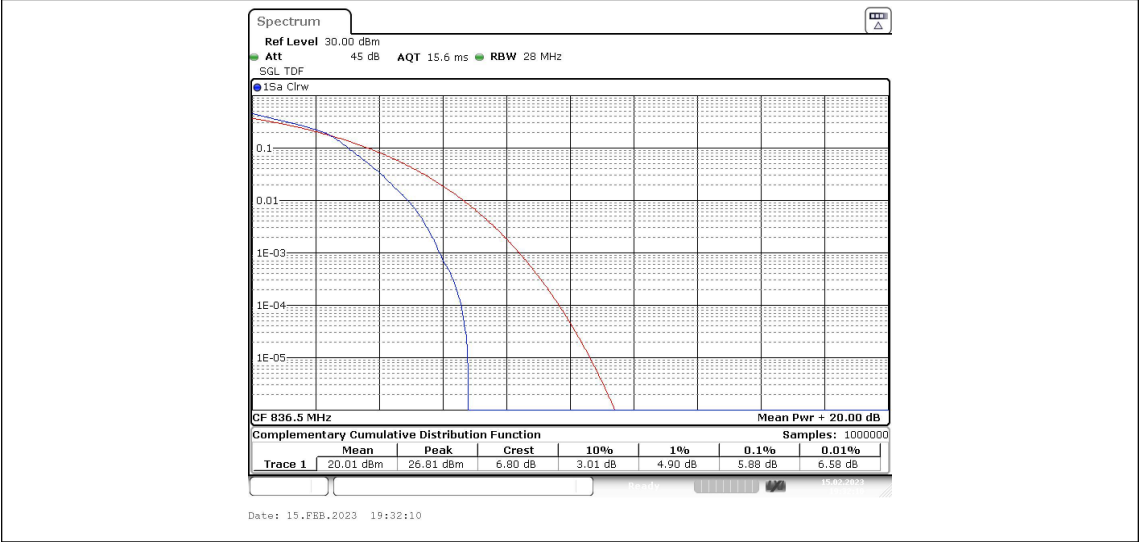


Band5-1.4MHz-QPSK-20643-6RB#0

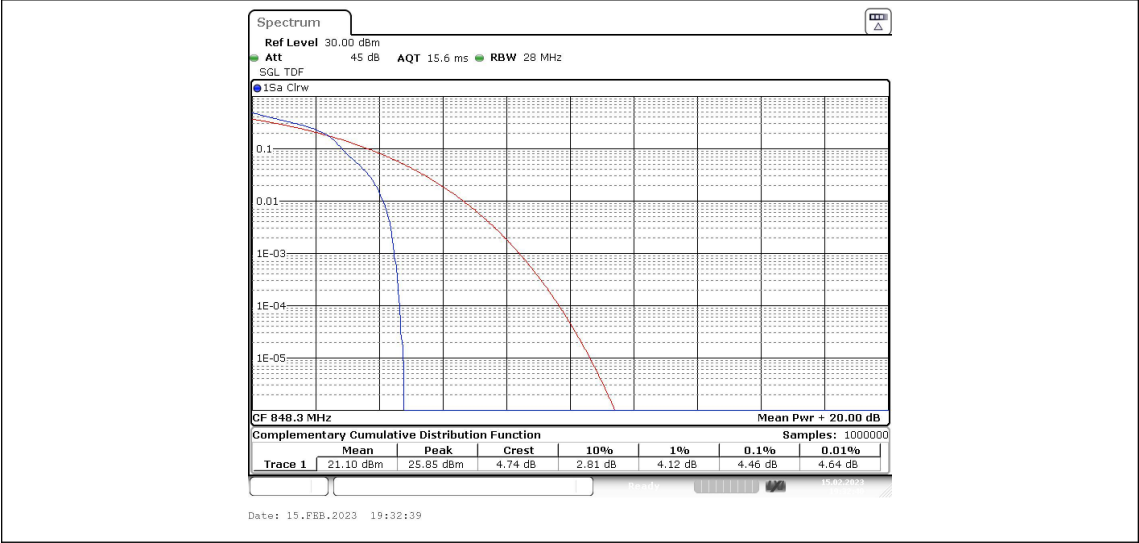




Band5-1.4MHz-16QAM-20525-6RB#0



Band5-1.4MHz-16QAM-20643-1RB#0



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

