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Appendix for LTE Band 5



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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Power(dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.25	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.22	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.18	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.26	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.26	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.23	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.24	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.25	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.34	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.07	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.24	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.22	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.22	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.27	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.12	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.14	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.14	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.10	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.13	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.15	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.12	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.00	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.15	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.07	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.07	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.18	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.01	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.25	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.08	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.09	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.02	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.11	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.08	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.10	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.13	38.45	PASS



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Band5	1.4MHz	16QAM	20643	1RB#0	21.81	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.94	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.92	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.00	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.97	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.99	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.09	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.23	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.21	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.21	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.21	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.24	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.26	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.23	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.10	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.05	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.16	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.32	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.32	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.25	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.24	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.15	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.14	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.11	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.08	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.17	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.10	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.17	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.87	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.23	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.06	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.97	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.15	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.13	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.11	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.13	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.16	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.05	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.18	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.17	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.19	38.45	PASS



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Band5	3MHz	QPSK	20635	15RB#0	22.15	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.05	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.04	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.99	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.21	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.19	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.12	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.14	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.19	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.19	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.20	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.26	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.26	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.19	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.23	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.07	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.30	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.03	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.35	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.25	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.19	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.20	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.15	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.16	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.19	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.06	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.17	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.12	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.14	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.13	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.15	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.07	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.12	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.22	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.13	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.12	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.11	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.16	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.13	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.09	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.11	38.45	PASS



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Band5	5MHz	QPSK	20625	12RB#13	22.16	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.07	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.03	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.24	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.03	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.11	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.07	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.05	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.06	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.22	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.20	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.06	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.21	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.18	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.20	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.22	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.31	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.16	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.18	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.20	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.23	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.15	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.19	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.17	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.17	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.07	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.08	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.14	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.12	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.18	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.03	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.19	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.92	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.09	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.13	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.15	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.15	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.12	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.20	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.10	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.10	38.45	PASS



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Band5	10MHz	QPSK	20600	25RB#12	22.14	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.19	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.14	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.20	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.15	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.02	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.17	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.17	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.19	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.12	38.45	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	4.60	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.28	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.58	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.10	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.12	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.82	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.08	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.66	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3.60	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.46	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	4.70	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.36	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.70	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.52	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.62	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.24	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.14	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.20	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.20	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.98	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.04	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.00	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.04	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.82	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.58	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.48	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.58	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.26	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.10	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.22	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.06	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.92	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.50	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.26	13	PASS



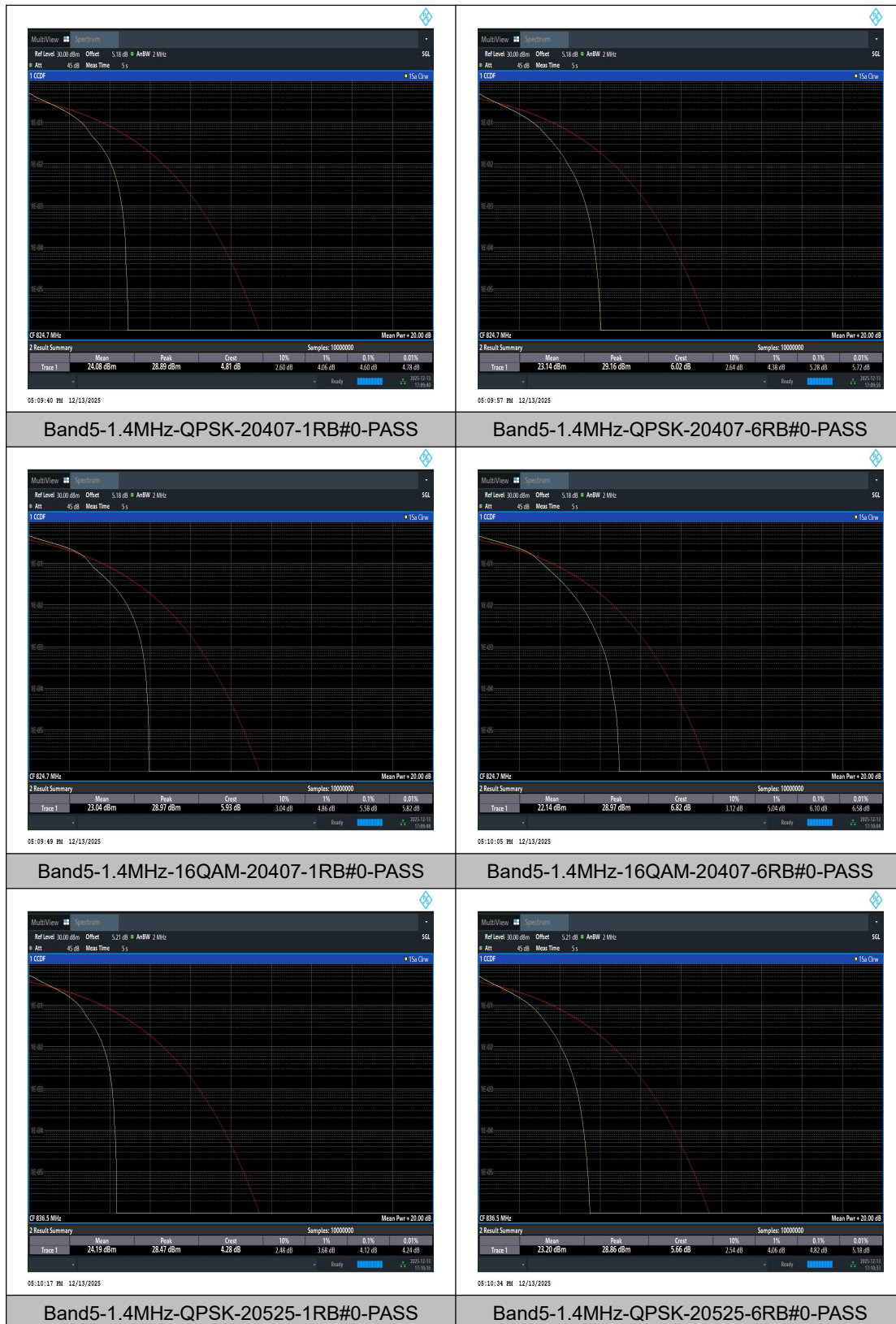
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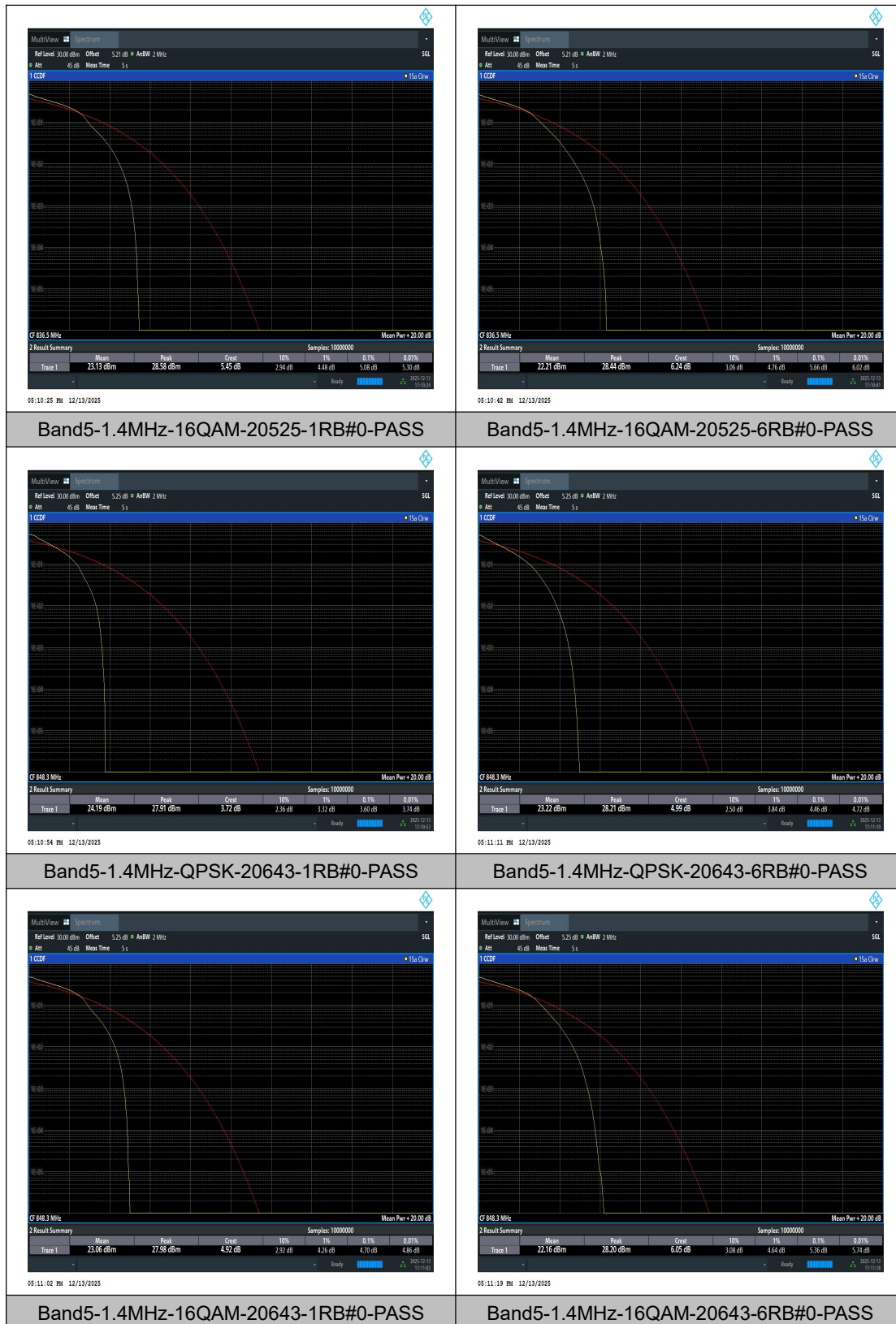
Band5	5MHz	16QAM	20625	1RB#0	5.56	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.96	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.68	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.40	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.60	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.20	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.08	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.26	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.14	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.00	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.56	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.48	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.50	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.24	13	PASS



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Test Graphs







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09:36:39 PM 12/13/2025

Band5-3MHz-QPSK-20415-1RB#0-PASS



09:36:54 PM 12/13/2025

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



09:36:47 PM 12/13/2025

Band5-3MHz-16QAM-20415-1RB#0-PASS



09:37:01 PM 12/13/2025

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



09:37:11 PM 12/13/2025

Band5-3MHz-QPSK-20525-1RB#0-PASS



09:37:26 PM 12/13/2025

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



05:37:19 PM 12/13/2025

Band5-3MHz-16QAM-20525-1RB#0-PASS



05:37:33 PM 12/13/2025

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



05:37:43 PM 12/13/2025

Band5-3MHz-QPSK-20635-1RB#0-PASS



05:37:58 PM 12/13/2025

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



05:37:51 PM 12/13/2025

Band5-3MHz-16QAM-20635-1RB#0-PASS



05:38:05 PM 12/13/2025

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