

LTE Band5 Test Data

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.12	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.27	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.12	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.22	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.12	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.17	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.39	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.19	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.27	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.34	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.33	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.12	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.14	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.24	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.32	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.54	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.27	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.34	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.23	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.33	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.30	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.12	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.27	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.33	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.23	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.13	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.21	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.26	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.60	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.24	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.55	PASS

Band5	1.4MHz	16QAM	20525	3RB#3	21.96	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.32	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.67	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.79	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.53	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.16	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.06	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.15	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.37	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.04	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.02	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.21	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.32	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.33	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.36	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.26	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.14	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.28	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.32	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.42	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.39	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.31	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.50	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.44	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.70	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.61	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.62	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.46	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.16	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.12	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.11	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.34	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.52	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.56	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.25	PASS

Band5	3MHz	16QAM	20525	1RB#0	22.35	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.36	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.11	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.48	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.48	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.43	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.18	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.47	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.73	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.59	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.46	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.46	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.58	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.53	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.32	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.36	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.27	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.37	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.37	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.31	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.43	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.26	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.43	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.39	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.18	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.18	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.33	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.29	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.41	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.70	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.38	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.58	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.59	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.40	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.41	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.01	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.03	PASS

Band5	5MHz	16QAM	20425	1RB#24	22.17	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.33	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.33	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.35	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.43	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.28	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.24	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.55	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.40	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.40	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.21	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.64	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.79	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.50	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.48	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.58	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.14	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.37	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.10	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.29	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.27	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.43	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.37	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.38	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.38	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.39	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.44	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.36	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.42	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.41	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.43	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.39	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.50	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.51	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.60	PASS

Band5	10MHz	QPSK	20600	25RB#12	22.52	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.64	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.52	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.31	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.37	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.26	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.41	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.42	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.27	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.30	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.43	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.57	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.59	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.44	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.43	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.47	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.41	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.53	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.59	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.30	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.70	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.71	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.71	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.57	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	6RB#0	4.08	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.23	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.32	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	4.88	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.06	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.15	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	4.10	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.16	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.24	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	4.99	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.13	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.08	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.32	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.17	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.00	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.13	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.98	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.80	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.10	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.96	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.73	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.84	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.91	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.50	13	PASS

Test Graphs

Band5-1.4MHz-QPSK-20407-6RB#0



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



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



Band5-1.4MHz-16QAM-20407-6RB#0



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



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



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



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



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



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



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



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



Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20525-25RB#0



Band5-5MHz-QPSK-20625-25RB#0



Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20525-25RB#0



Band5-5MHz-16QAM-20625-25RB#0



Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20525-50RB#0



Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-50RB#0



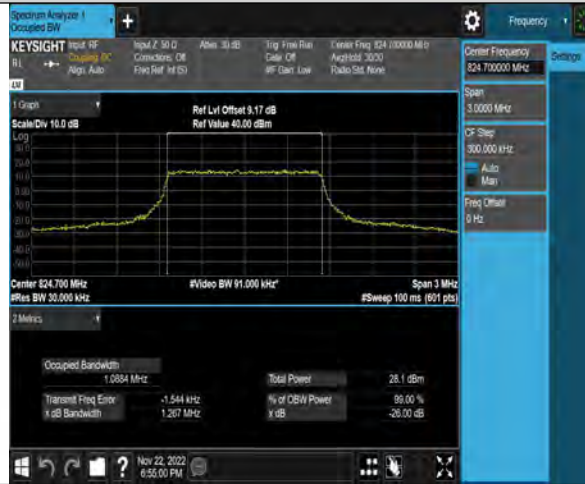
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

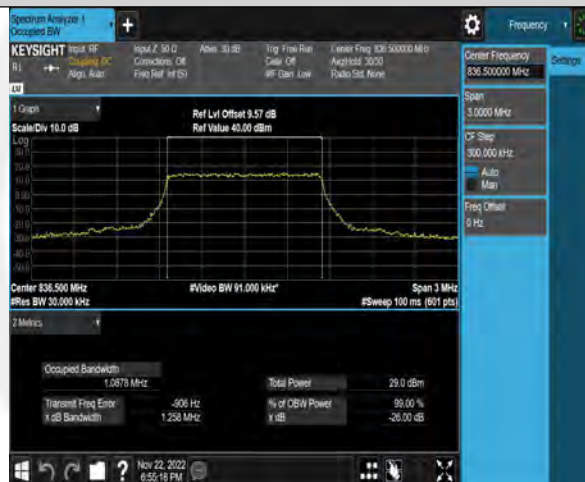
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0884	1.267	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0878	1.258	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0939	1.254	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0888	1.264	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0921	1.264	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0901	1.272	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6915	2.896	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6951	2.899	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6992	2.924	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6898	2.912	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6910	2.910	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6935	2.908	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5019	4.888	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4985	4.895	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4998	4.905	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4987	4.875	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4983	4.853	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4981	4.925	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9921	9.592	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9373	9.517	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9795	9.562	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9771	9.527	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9321	9.518	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9781	9.563	PASS

Test Graphs

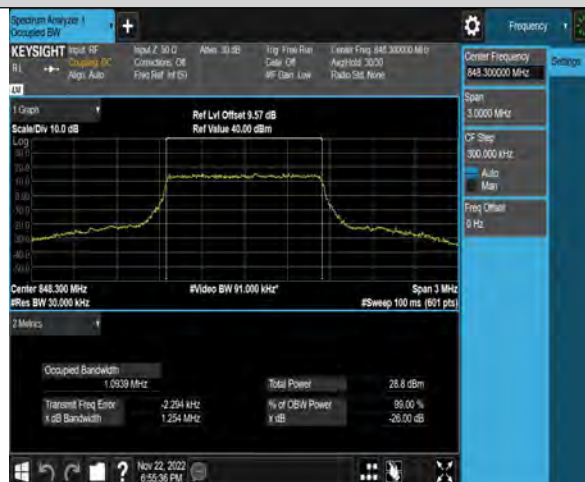
Band5-1.4MHz-QPSK-20407-6RB#0



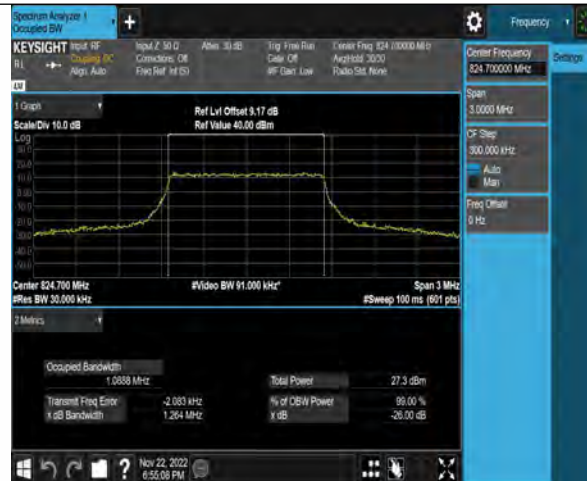
Band5-1.4MHz-QPSK-20525-6RB#0



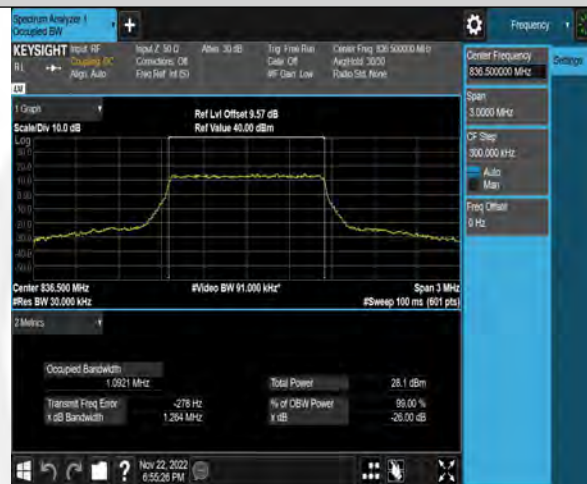
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Band5-1.4MHz-16QAM-20407-6RB#0



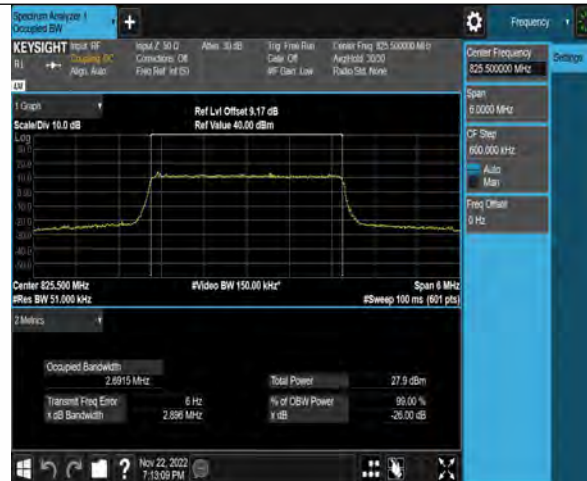
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Band5-1.4MHz-16QAM-20643-6RB#0



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



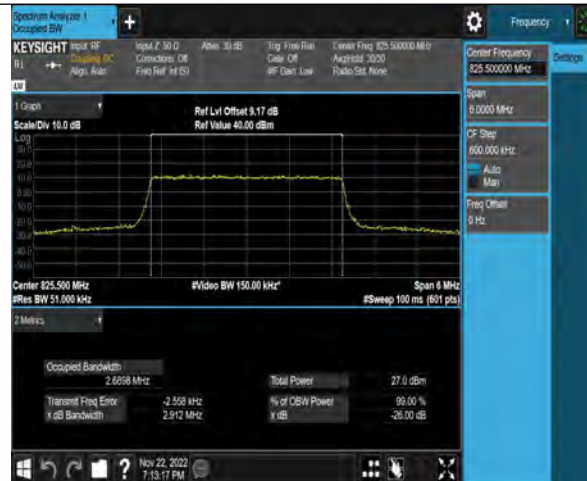
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Band5-3MHz-QPSK-20635-15RB#0



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



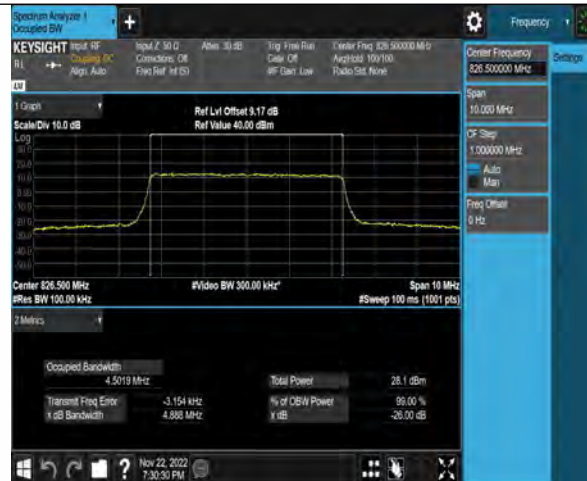
Band5-3MHz-16QAM-20525-15RB#0



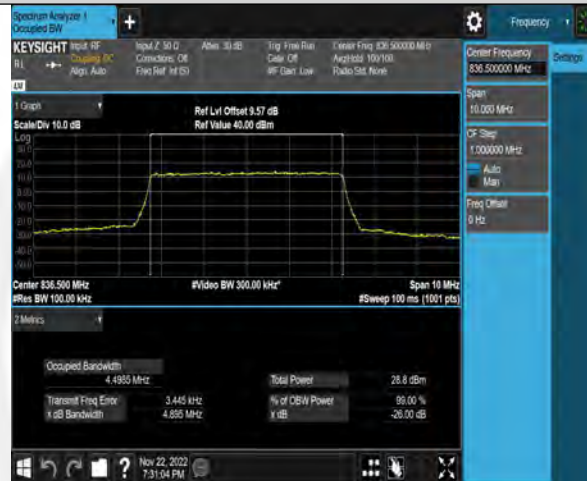
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Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20525-25RB#0



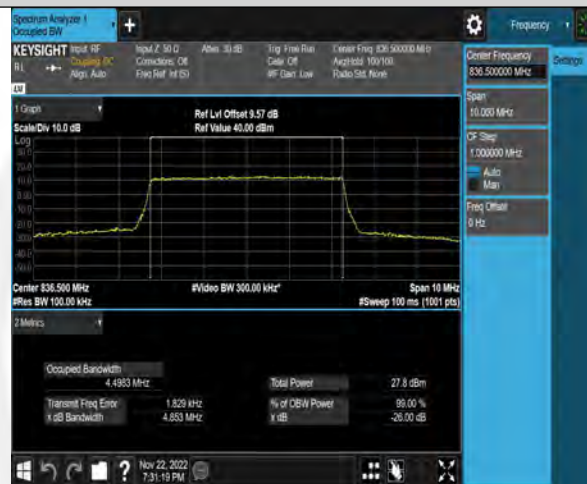
Band5-5MHz-QPSK-20625-25RB#0



Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20525-25RB#0



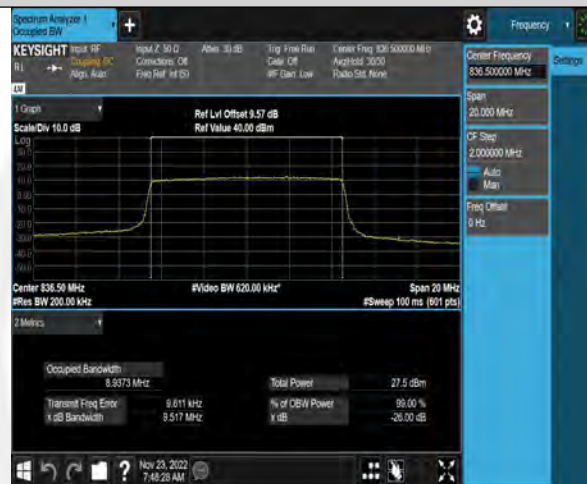
Band5-5MHz-16QAM-20625-25RB#0



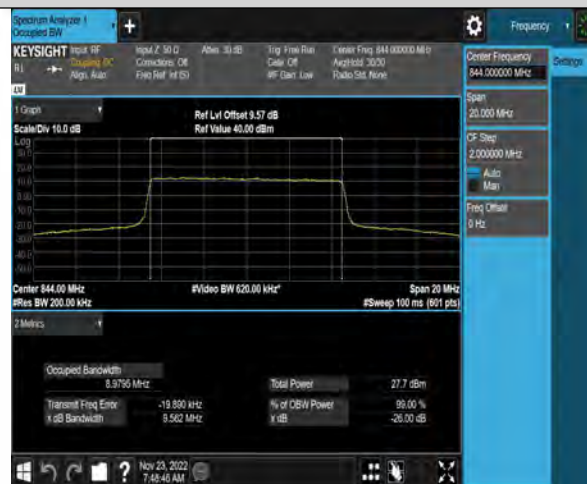
Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20525-50RB#0



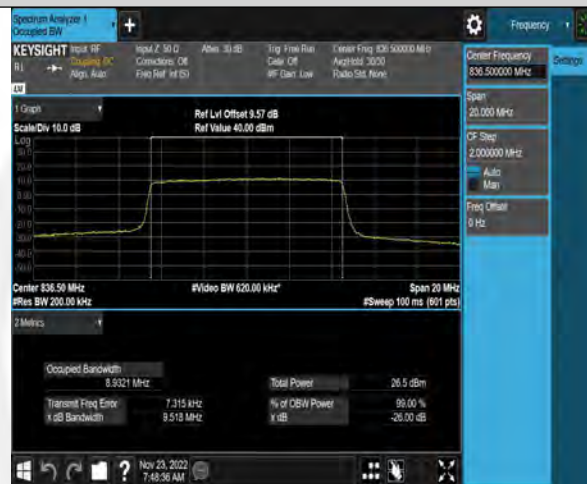
Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-50RB#0



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-21.62	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-22.35	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-22.70	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-24.37	PASS
Band5	3MHz	QPSK	20415	15RB#0	-19.47	PASS
Band5	3MHz	QPSK	20635	15RB#0	-21.49	PASS
Band5	3MHz	16QAM	20415	15RB#0	-21.82	PASS
Band5	3MHz	16QAM	20635	15RB#0	-23.19	PASS
Band5	5MHz	QPSK	20425	25RB#0	-19.87	PASS
Band5	5MHz	QPSK	20625	25RB#0	-20.12	PASS
Band5	5MHz	16QAM	20425	25RB#0	-21.78	PASS
Band5	5MHz	16QAM	20625	25RB#0	-21.81	PASS
Band5	10MHz	QPSK	20450	50RB#0	-22.53	PASS
Band5	10MHz	QPSK	20600	50RB#0	-20.84	PASS
Band5	10MHz	16QAM	20450	50RB#0	-24.25	PASS
Band5	10MHz	16QAM	20600	50RB#0	-22.87	PASS

Test Graphs

Band5-1.4MHz-QPSK-20407-6RB#0



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



Band5-1.4MHz-16QAM-20407-6RB#0



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



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



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



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



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



Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20625-25RB#0



Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20625-25RB#0



Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20600-50RB#0



Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-45.41	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-36.3	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-46.1	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-32.05	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-45.77	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-35.84	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-45.81	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-35.03	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-45.81	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-36.11	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-45.33	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-31.99	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:30~1000MHz	-46.19	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:1000~10000MHz	-35.6	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-45.94	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-33.8	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:30~1000MHz	-45	PASS

					00MHz		
Band5	3MHz	QPSK	20635	1RB#0	Range2:1000~10000MHz	-33.32	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:30~1000MHz	-46.05	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:1000~10000MHz	-35.98	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-45.58	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-35.27	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:30~1000MHz	-45.99	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:1000~10000MHz	-36.23	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:30~1000MHz	-46.36	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:1000~10000MHz	-35.8	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-46.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-31.15	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:30~1000MHz	-44.67	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:1000~10000MHz	-31.93	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:30~1000MHz	-46.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:1000~10000MHz	-36.73	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-45.72	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-36.57	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:30~1000MHz	-46.39	PASS

Band5	5MHz	16QAM	20625	1RB#0	Range2:1000~10000MHz	-35.23	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-45.96	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-36.53	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-44.9	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-35.68	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-45.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-36.21	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-45.65	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-36.06	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-45.61	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-35.07	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-46.17	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-36.01	PASS

Test Graphs

Band5-1.4MHz-QPSK-20407-1RB#0-Range1:30~1000MHz



Band5-1.4MHz-QPSK-20407-1RB#0-Range2:1000~10000MHz



Band5-1.4MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



Band5-1.4MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



Band5-1.4MHz-QPSK-20643-1RB#0-Range1:30~1000MHz



Band5-1.4MHz-QPSK-20643-1RB#0-Range2:1000~10000MHz



Band5-1.4MHz-16QAM-20407-1RB#0-Range1:30~1000MHz



Band5-1.4MHz-16QAM-20407-1RB#0-Range2:1000~10000MHz



Band5-1.4MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



Band5-1.4MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Band5-1.4MHz-16QAM-20643-1RB#0-Range1:30~1000MHz



Band5-1.4MHz-16QAM-20643-1RB#0-Range2:1000~10000MHz



Band5-3MHz-QPSK-20415-1RB#0-Range1:30~1000MHz



Band5-3MHz-QPSK-20415-1RB#0-Range2:1000~10000MHz



Band5-3MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



Band5-3MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



Band5-3MHz-QPSK-20635-1RB#0-Range1:30~1000MHz



Band5-3MHz-QPSK-20635-1RB#0-Range2:1000~10000MHz



Band5-3MHz-16QAM-20415-1RB#0-Range1:30~1000MHz



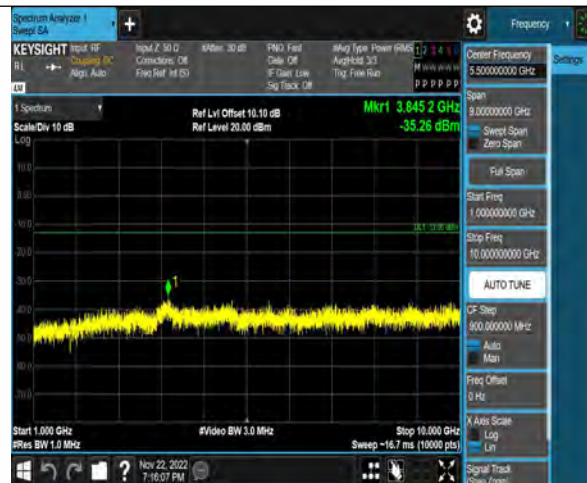
Band5-3MHz-16QAM-20415-1RB#0-Range2:1000~10000MHz



Band5-3MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



Band5-3MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Band5-3MHz-16QAM-20635-1RB#0-Range1:30~1000MHz



Band5-3MHz-16QAM-20635-1RB#0-Range2:1000~10000MHz



Band5-5MHz-QPSK-20425-1RB#0-Range1:30~1000MHz



Band5-5MHz-QPSK-20425-1RB#0-Range2:1000~10000MHz



Band5-5MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



Band5-5MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



Band5-5MHz-QPSK-20625-1RB#0-Range1:30~1000MHz



Band5-5MHz-QPSK-20625-1RB#0-Range2:1000~10000MHz



Band5-5MHz-16QAM-20425-1RB#0-Range1:30~1000MHz



Band5-5MHz-16QAM-20425-1RB#0-Range2:1000~10000MHz



Band5-5MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



Band5-5MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Band5-5MHz-16QAM-20625-1RB#0-Range1:30~1000MHz



Band5-5MHz-16QAM-20625-1RB#0-Range2:1000~10000MHz



Band5-10MHz-QPSK-20450-1RB#0-Range1:30~1000MHz



Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz



Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz



Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~10000MHz



Band5-10MHz-16QAM-20450-1RB#0-Range1:30~1000MHz



Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~10000MHz



Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz



Band5-10MHz-16QAM-20600-1RB#0-Range2:1000~10000MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	VL	NT	-1.57	-0.001904	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VN	NT	-2.45	-0.002971	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VH	NT	1.50	0.001819	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	-2.45	-0.002929	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	-1.26	-0.001506	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	4.36	0.005212	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VL	NT	-2.78	-0.003277	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VN	NT	2.55	0.003006	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VH	NT	3.32	0.003914	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VL	NT	1.34	0.001625	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VN	NT	-3.20	-0.003880	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VH	NT	3.09	0.003747	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	3.73	0.004459	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	-2.00	-0.002391	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	-2.43	-0.002905	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VL	NT	-3.19	-0.003760	±2.5	PASS

Band5	1.4MHz	16QAM	20643	6RB#0	VN	NT	-2.22	-0.0026 17	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VH	NT	3.78	0.00445 6	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VL	NT	-3.45	-0.0041 79	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VN	NT	-2.43	-0.0029 44	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VH	NT	-2.55	-0.0030 89	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	-2.10	-0.0025 10	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	-2.02	-0.0024 15	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	-3.40	-0.0040 65	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VL	NT	-3.20	-0.0037 76	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VN	NT	-3.13	-0.0036 93	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VH	NT	-3.73	-0.0044 01	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VL	NT	-4.39	-0.0053 18	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VN	NT	1.57	0.00190 2	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VH	NT	-3.26	-0.0039 49	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VL	NT	-4.03	-0.0048 18	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VN	NT	-3.75	-0.0044 83	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VH	NT	-2.98	-0.0035 62	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VL	NT	-1.73	-0.0020 41	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VN	NT	2.53	0.00298	±2.5	PASS

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Band5	3MHz	16QAM	20635	15RB#0	VH	NT	-3.92	-0.0046 25	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VL	NT	-2.56	-0.0030 97	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VN	NT	2.63	0.00318 2	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VH	NT	-3.42	-0.0041 38	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	-2.19	-0.0026 18	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	-2.07	-0.0024 75	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	-5.72	-0.0068 38	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VL	NT	-1.83	-0.0021 62	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VN	NT	-2.99	-0.0035 32	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VH	NT	-3.99	-0.0047 14	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VL	NT	-3.73	-0.0045 13	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VN	NT	2.29	0.00277 1	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VH	NT	-3.12	-0.0037 75	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VL	NT	2.22	0.00265 4	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VN	NT	-4.25	-0.0050 81	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VH	NT	-3.48	-0.0041 60	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VL	NT	-3.22	-0.0038 04	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VN	NT	-3.46	-0.0040 87	±2.5	PASS

Band5	5MHz	16QAM	20625	25RB#0	VH	NT	-2.35	-0.0027 76	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	2.26	0.00272 6	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-2.23	-0.0026 90	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-2.35	-0.0028 35	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-2.19	-0.0026 18	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	3.22	0.00384 9	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-3.76	-0.0044 95	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-1.76	-0.0020 85	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-2.57	-0.0030 45	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	2.32	0.00274 9	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	3.73	0.00449 9	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-2.92	-0.0035 22	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-2.69	-0.0032 45	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-4.53	-0.0054 15	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	1.70	0.00203 2	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-2.45	-0.0029 29	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	1.76	0.00208 5	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-2.73	-0.0032 35	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	3.40	0.00402	±2.5	PASS

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Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-30	2.46	0.002983	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	-4.51	-0.005469	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-10	2.57	0.003116	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	-1.97	-0.002389	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	-2.15	-0.002607	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	-2.82	-0.003419	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	30	2.46	0.002983	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	40	-3.65	-0.004426	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	50	1.79	0.002170	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	3.65	0.004363	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	1.90	0.002271	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-10	3.09	0.003694	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	3.02	0.003610	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	3.10	0.003706	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-2.42	-0.002893	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	30	1.95	0.002331	±2.5	PASS

Band5	1.4MHz	QPSK	20525	6RB#0	NV	40	-2.96	-0.0035 39	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	50	-3.43	-0.0041 00	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-30	4.26	0.00502 2	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	3.38	0.00398 4	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-10	2.85	0.00336 0	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	3.12	0.00367 8	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	2.65	0.00312 4	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	2.03	0.00239 3	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	30	-1.14	-0.0013 44	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	40	2.05	0.00241 7	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	50	1.86	0.00219 3	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-30	-2.69	-0.0032 62	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-20	-2.26	-0.0027 40	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-10	-1.86	-0.0022 55	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	-3.68	-0.0044 62	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	2.90	0.00351 6	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	-4.31	-0.0052 26	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	30	-3.62	-0.0043 89	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	40	1.95	0.00236	±2.5	PASS

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Band5	1.4MHz	16QAM	20407	6RB#0	NV	50	-2.93	-0.0035 53	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	-3.23	-0.0038 61	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	5.29	0.00632 4	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-10	-3.02	-0.0036 10	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	1.69	0.00202 0	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	2.39	0.00285 7	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	3.20	0.00382 5	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	30	3.55	0.00424 4	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	40	1.96	0.00234 3	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	50	2.59	0.00309 6	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-30	2.06	0.00242 8	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-20	3.03	0.00357 2	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-10	2.57	0.00303 0	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	-1.67	-0.0019 69	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	2.92	0.00344 2	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	-1.90	-0.0022 40	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	30	2.73	0.00321 8	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	40	2.68	0.00315 9	±2.5	PASS

Band5	1.4MHz	16QAM	20643	6RB#0	NV	50	3.00	0.00353 6	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-30	-2.52	-0.0030 53	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-20	-4.65	-0.0056 33	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-10	-3.06	-0.0037 07	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	-1.80	-0.0021 80	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	-4.33	-0.0052 45	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	20	-4.08	-0.0049 42	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	30	1.89	0.00229 0	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	40	-2.76	-0.0033 43	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	50	-2.20	-0.0026 65	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	-3.43	-0.0041 00	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	-2.27	-0.0027 14	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-10	-1.77	-0.00211 6	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	-2.36	-0.0028 21	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	-4.38	-0.0052 36	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	-3.13	-0.0037 42	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	30	-2.25	-0.0026 90	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	40	-2.20	-0.0026 30	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	50	-3.53	-0.0042	±2.5	PASS

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Band5	3MHz	QPSK	20635	15RB#0	NV	-30	-3.15	-0.0037 17	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-20	-3.60	-0.0042 48	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-10	-2.96	-0.0034 93	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	-3.72	-0.0043 89	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	10	-3.50	-0.0041 30	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	-2.10	-0.0024 78	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	30	-4.76	-0.0056 17	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	40	-2.96	-0.0034 93	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	50	-1.92	-0.0022 65	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-30	1.24	0.00150 2	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-20	2.72	0.00329 5	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-10	-2.79	-0.0033 80	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	3.08	0.00373 1	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	-2.27	-0.0027 50	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	-1.97	-0.0023 86	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	30	-1.90	-0.0023 02	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	40	-1.82	-0.0022 05	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	50	-2.60	-0.0031 50	±2.5	PASS

Band5	3MHz	16QAM	20525	15RB#0	NV	-30	-2.13	-0.0025 46	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-20	-2.65	-0.0031 68	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-10	-1.85	-0.0022 12	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	-2.35	-0.0028 09	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	1.52	0.00181 7	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	2.45	0.00292 9	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	30	-2.25	-0.0026 90	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	40	-3.78	-0.0045 19	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	50	-3.69	-0.00441 1	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-30	1.14	0.00134 5	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-20	-4.09	-0.0048 26	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-10	-3.25	-0.0038 35	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	-2.89	-0.0034 10	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	-3.16	-0.0037 29	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	-4.09	-0.0048 26	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	30	-3.46	-0.0040 83	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	40	-3.92	-0.0046 25	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	50	-4.81	-0.0056 76	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-30	-3.25	-0.0039	±2.5	PASS

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Band5	5MHz	QPSK	20425	25RB#0	NV	-20	-2.42	-0.0029 28	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-10	-4.05	-0.0049 00	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	-3.22	-0.0038 96	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	10	-4.25	-0.0051 42	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	-1.80	-0.0021 78	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	30	-2.86	-0.0034 60	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	40	-4.35	-0.0052 63	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	50	-3.73	-0.0045 13	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-30	-3.20	-0.0038 25	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	-2.36	-0.0028 21	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-10	-3.08	-0.0036 82	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	-3.73	-0.0044 59	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	-3.29	-0.0039 33	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	-3.71	-0.0044 35	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	30	-3.71	-0.0044 35	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	40	-3.00	-0.0035 86	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	50	2.69	0.00321 6	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-30	2.78	0.00328 4	±2.5	PASS

Band5	5MHz	QPSK	20625	25RB#0	NV	-20	-3.55	-0.004194	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-10	2.19	0.002587	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	-2.76	-0.003260	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	-2.65	-0.003131	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	2.09	0.002469	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	30	-1.32	-0.001559	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	40	-2.30	-0.002717	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	50	2.57	0.003036	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-30	-4.05	-0.004900	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-20	-2.82	-0.003412	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-10	-2.32	-0.002807	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	-2.85	-0.003448	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	10	-3.73	-0.004513	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	20	-3.15	-0.003811	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	30	-2.02	-0.002444	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	40	-4.15	-0.005021	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	50	-2.83	-0.003424	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-30	3.63	0.004340	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-20	-2.12	-0.0025	±2.5	PASS

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Band5	5MHz	16QAM	20525	25RB#0	NV	-10	-3.36	-0.0040 17	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	-2.78	-0.0033 23	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	-1.83	-0.0021 88	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	-2.86	-0.0034 19	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	30	-3.82	-0.0045 67	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	40	-4.33	-0.0051 76	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	50	-4.18	-0.0049 97	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-30	-2.23	-0.0026 34	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-20	-1.13	-0.0013 35	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-10	1.90	0.00224 5	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	0	-4.35	-0.0051 39	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	10	-3.62	-0.0042 76	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	20	-1.97	-0.0023 27	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	30	-2.99	-0.0035 32	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	40	-5.11	-0.0060 37	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	50	-3.16	-0.0037 33	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-1.67	-0.0020 14	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	1.70	0.00205 1	±2.5	PASS

Band5	10MHz	QPSK	20450	50RB#0	NV	-10	-2.56	-0.003088	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-2.66	-0.003209	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-2.16	-0.002606	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-2.60	-0.003136	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	3.13	0.003776	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-3.88	-0.004680	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-1.82	-0.002195	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-2.73	-0.003264	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-3.22	-0.003849	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-2.43	-0.002905	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-3.76	-0.004495	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	2.73	0.003264	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-3.05	-0.003646	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-3.73	-0.004459	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-4.63	-0.005535	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-1.52	-0.001817	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-1.93	-0.002287	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-4.45	-0.005273	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	2.03	0.00240	±2.5	PASS

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Band5	10MHz	QPSK	20600	50RB#0	NV	0	-3.00	-0.0035 55	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	2.00	0.00237 0	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-2.56	-0.0030 33	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	2.07	0.00245 3	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-2.90	-0.0034 36	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-2.35	-0.0027 84	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	2.59	0.00312 4	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	-2.88	-0.0034 74	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-10	1.49	0.00179 7	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-2.32	-0.0027 99	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-2.60	-0.0031 36	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-2.85	-0.0034 38	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	-2.50	-0.0030 16	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-1.79	-0.0021 59	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	-2.43	-0.0029 31	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-2.66	-0.0031 80	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-3.76	-0.0044 95	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-10	-3.06	-0.0036 58	±2.5	PASS

Band5	10MHz	16QAM	20525	50RB#0	NV	0	-3.59	-0.0042 92	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-4.11	-0.0049 13	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-2.42	-0.0028 93	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-1.70	-0.0020 32	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	-1.63	-0.0019 49	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-2.89	-0.0034 55	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-4.23	-0.0050 12	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-2.93	-0.0034 72	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-10	-1.83	-0.0021 68	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-3.12	-0.0036 97	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	-3.36	-0.0039 81	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	2.60	0.00308 1	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	-4.11	-0.0048 70	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	-2.33	-0.0027 61	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	-2.02	-0.0023 93	±2.5	PASS