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Appendix



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.50	20.67	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.37	20.54	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.45	20.62	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.37	20.54	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.27	20.44	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.25	20.42	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.26	20.43	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.04	20.21	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.13	20.3	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.20	20.37	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.98	20.15	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.99	20.16	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.08	20.25	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.99	20.16	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.12	20.29	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.11	20.28	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.93	20.1	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.13	20.3	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.21	20.38	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.97	20.14	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	23.03	20.2	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.63	20.8	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.61	20.78	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.58	20.75	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	23.05	20.22	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	23.11	20.28	38.45	PASS



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Band5	1.4MHz	16QAM	20407	3RB#3	23.00	20.17	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.53	19.7	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.15	20.32	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.46	20.63	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.28	20.45	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.88	20.05	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.96	20.13	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.81	19.98	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.05	19.22	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.19	20.36	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.28	20.45	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.18	20.35	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	23.06	20.23	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	23.05	20.22	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	23.02	20.19	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.97	19.14	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.17	20.34	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.11	20.28	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.09	20.26	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.35	20.52	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.30	20.47	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.29	20.46	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.32	20.49	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.08	20.25	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.16	20.33	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.05	20.22	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	23.09	20.26	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.10	20.27	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.06	20.23	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.13	20.3	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.20	20.37	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.95	20.12	38.45	PASS



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Band5	3MHz	QPSK	20635	1RB#14	23.01	20.18	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	23.18	20.35	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	23.22	20.39	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	23.05	20.22	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	23.16	20.33	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.31	20.48	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.35	20.52	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.20	20.37	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.46	19.63	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.47	19.64	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.43	19.6	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.37	19.54	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.22	20.39	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.09	20.26	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.15	20.32	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.06	19.23	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.21	19.38	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.15	19.32	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.95	19.12	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.50	20.67	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.05	20.22	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.03	20.2	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.29	19.46	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.42	19.59	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.27	19.44	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.22	19.39	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.35	20.52	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.18	20.35	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.21	20.38	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.24	20.41	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.24	20.41	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	23.24	20.41	38.45	PASS



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Band5	5MHz	QPSK	20425	25RB#0	23.17	20.34	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.08	20.25	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.13	20.3	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.13	20.3	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.03	20.2	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.07	20.24	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	23.07	20.24	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.02	20.19	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.04	20.21	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.88	20.05	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.89	20.06	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	23.01	20.18	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	23.03	20.2	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	23.07	20.24	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.12	20.29	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.01	20.18	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.97	20.14	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.91	20.08	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.25	19.42	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	22.25	19.42	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	22.17	19.34	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.22	19.39	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.01	20.18	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.87	20.04	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.33	20.5	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.09	19.26	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.94	19.11	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.00	19.17	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.96	19.13	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.21	20.38	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.26	20.43	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.02	20.19	38.45	PASS



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					3			
Band5	5MHz	16QAM	20625	12RB#0	22.08	19.25	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.95	19.12	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.15	19.32	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.19	19.36	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.23	20.4	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.30	20.47	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.20	20.37	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.23	20.4	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	23.28	20.45	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.23	20.4	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.21	20.38	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.97	20.14	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.15	20.32	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.94	20.11	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.19	20.36	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.15	20.32	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.17	20.34	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.15	20.32	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.99	20.16	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.17	20.34	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.94	20.11	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.10	20.27	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	23.11	20.28	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.16	20.33	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.33	20.5	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.20	20.37	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.64	20.81	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.06	20.23	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	22.22	19.39	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	22.18	19.35	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.26	19.43	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.28	19.45	38.45	PASS
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Band5	10MHz	16QAM	20525	1RB#0	23.12	20.29	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.44	20.61	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.05	20.22	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.22	19.39	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.16	19.33	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.49	19.66	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.17	19.34	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.58	20.75	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.67	20.84	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.71	20.88	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.27	19.44	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.09	19.26	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.21	19.38	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.26	19.43	38.45	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	4.92	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.98	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.70	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.82	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.90	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.62	13	PASS



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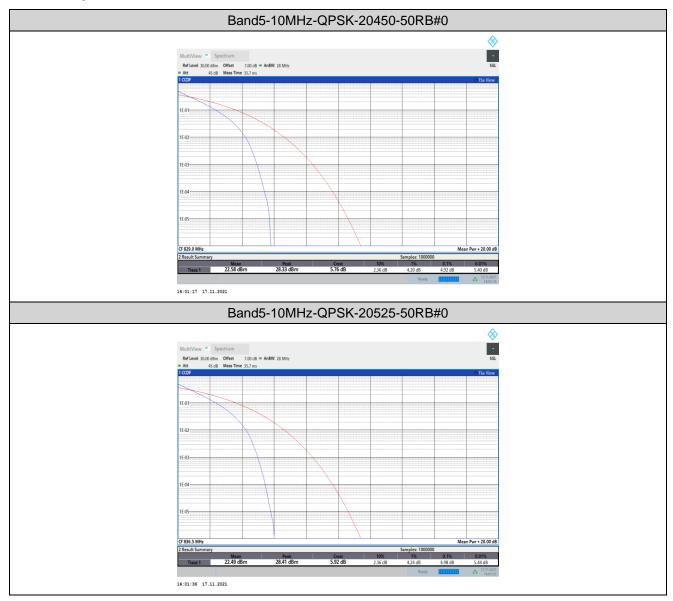


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Test Graphs





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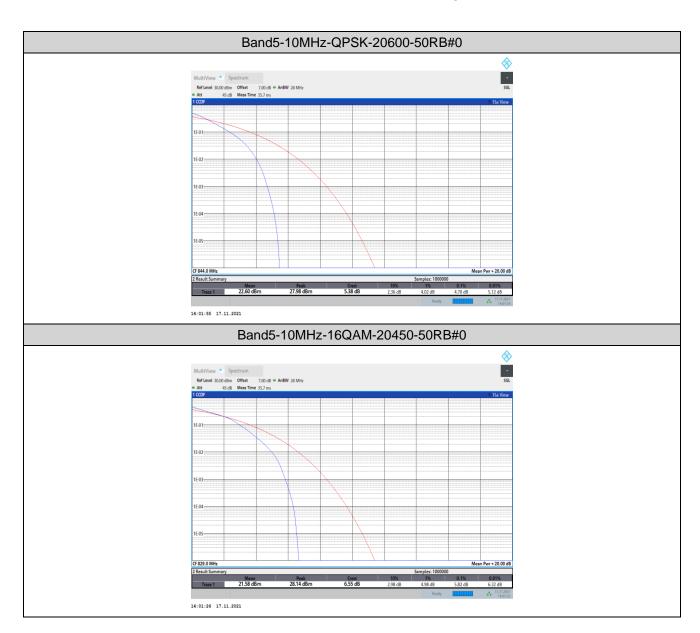
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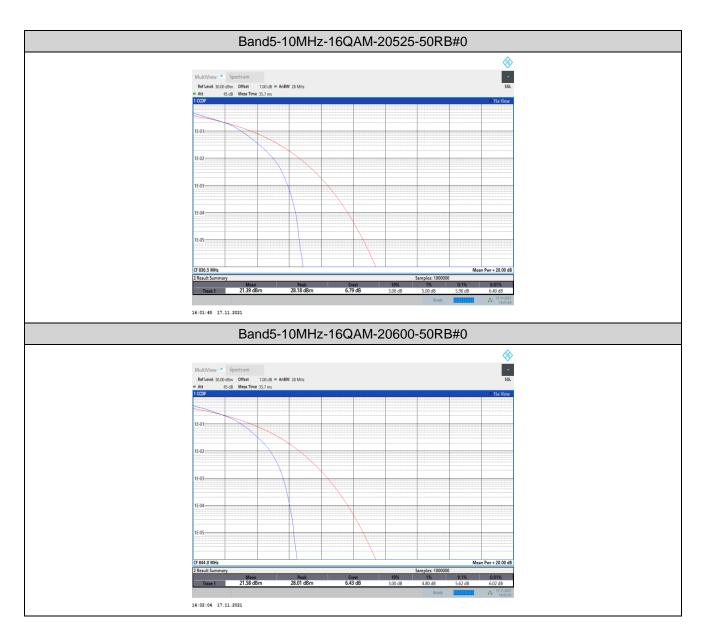
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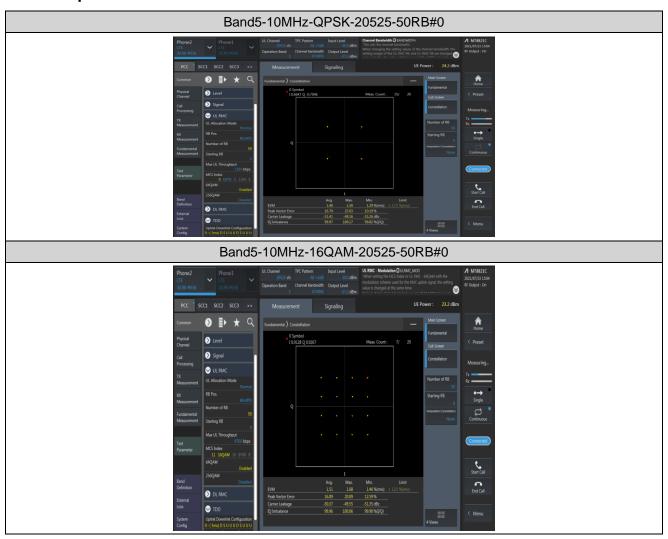
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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band5	10MHz	QPSK	20525	50RB#0	PASS	PASS
Band5	10MHz	16QAM	20525	50RB#0	PASS	PASS

Test Graphs





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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	1.097	1.314	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.103	1.293	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.103	1.416	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.101	1.317	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.096	1.311	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.095	1.305	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.695	2.982	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.698	2.976	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.702	2.994	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.698	3.006	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.692	2.982	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.695	2.970	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.479	4.960	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.47	4.910	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.473	4.950	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.469	4.890	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.476	4.960	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.485	4.920	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.938	9.800	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.928	9.700	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.909	9.660	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.924	9.640	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.918	9.700	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.914	9.660	PASS



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Test Graphs





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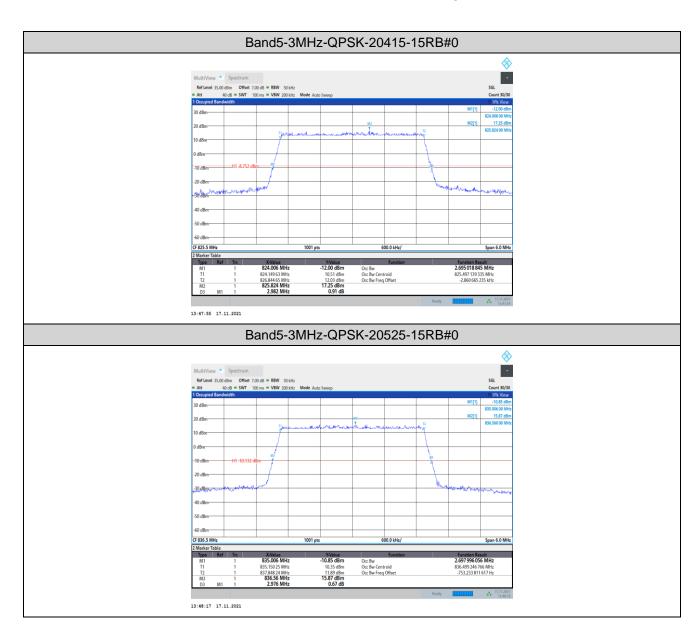
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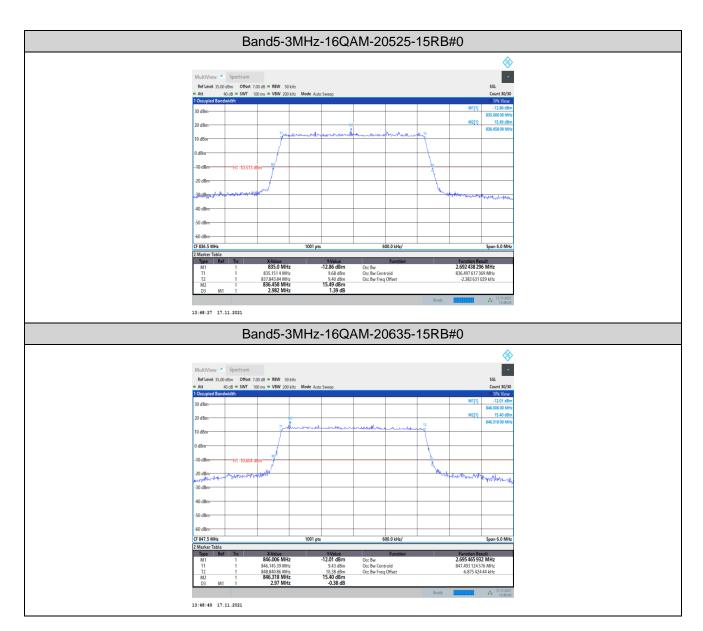
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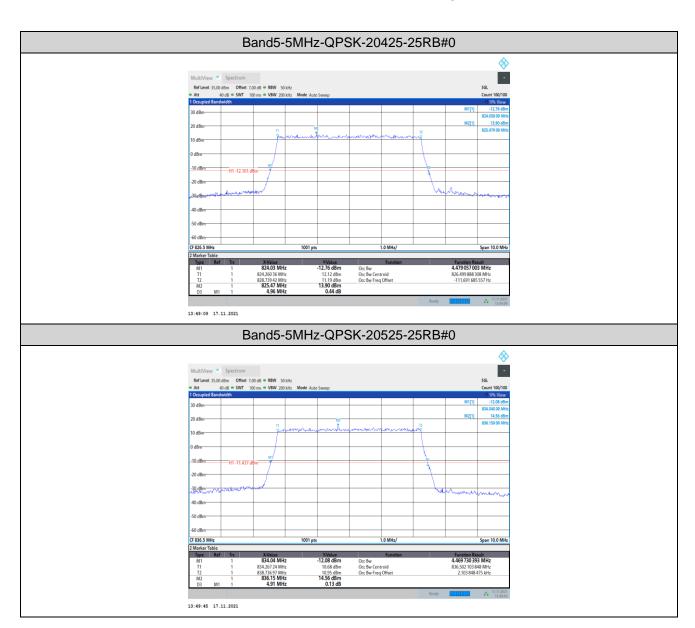
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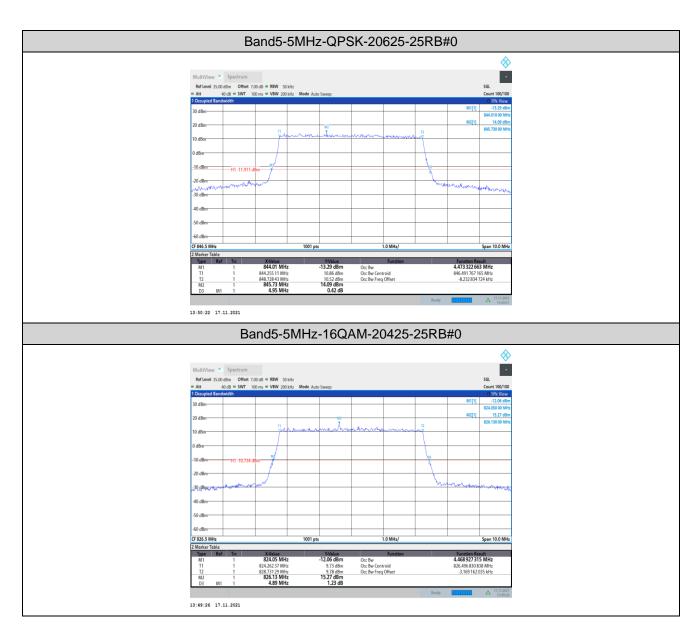
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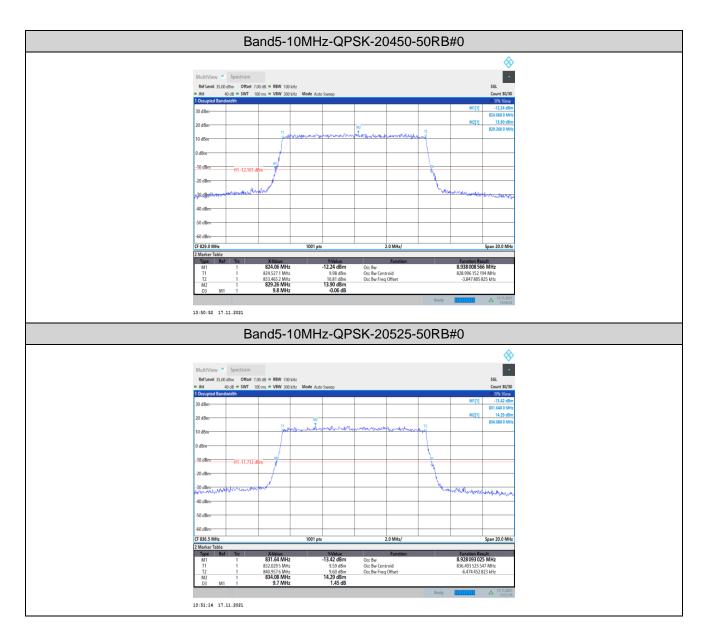
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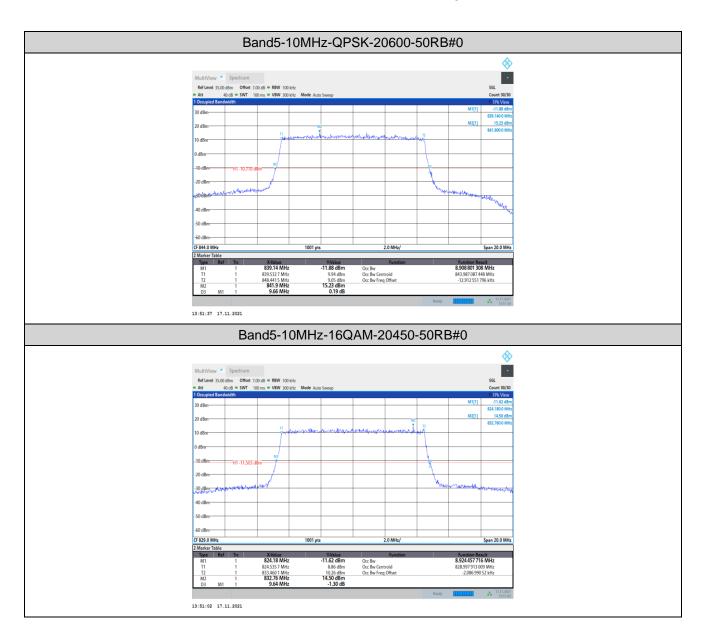
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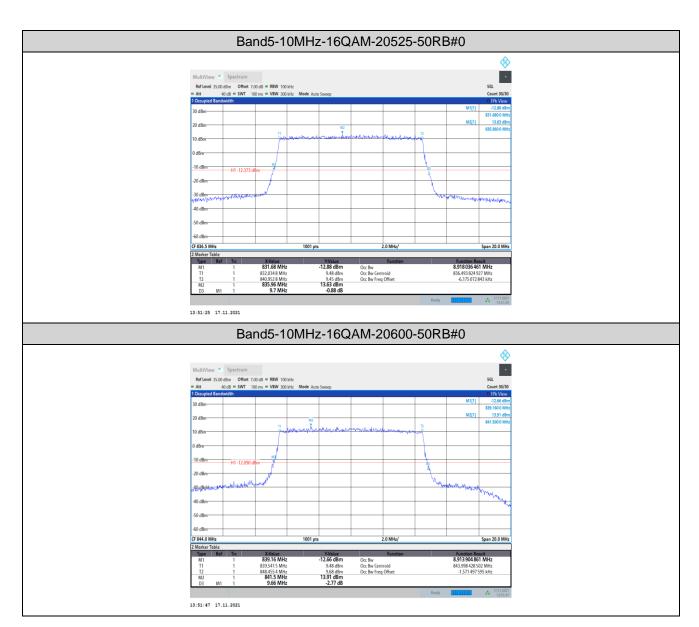
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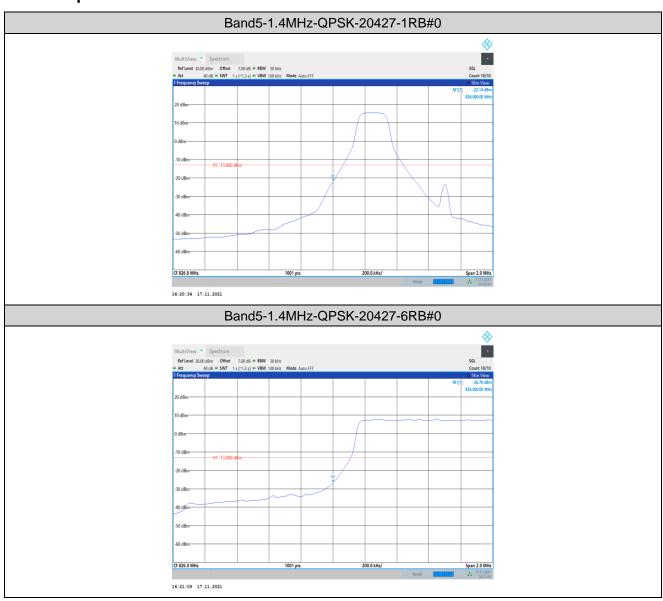
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Test Graphs





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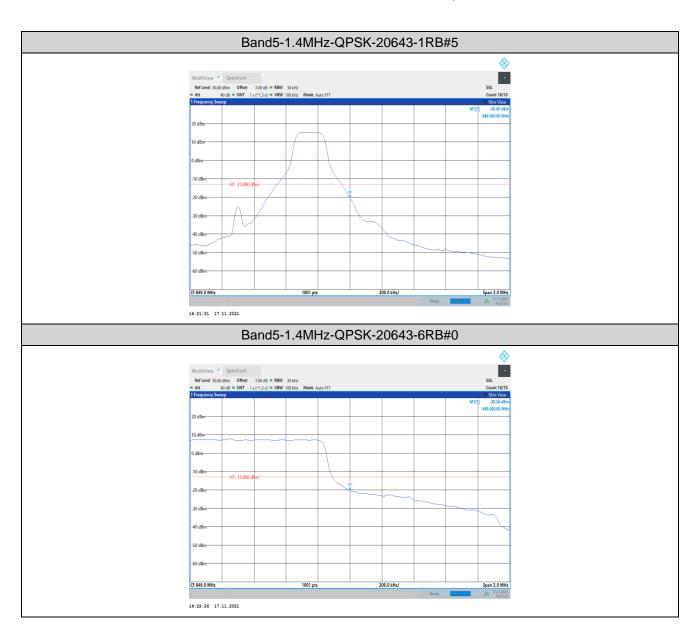
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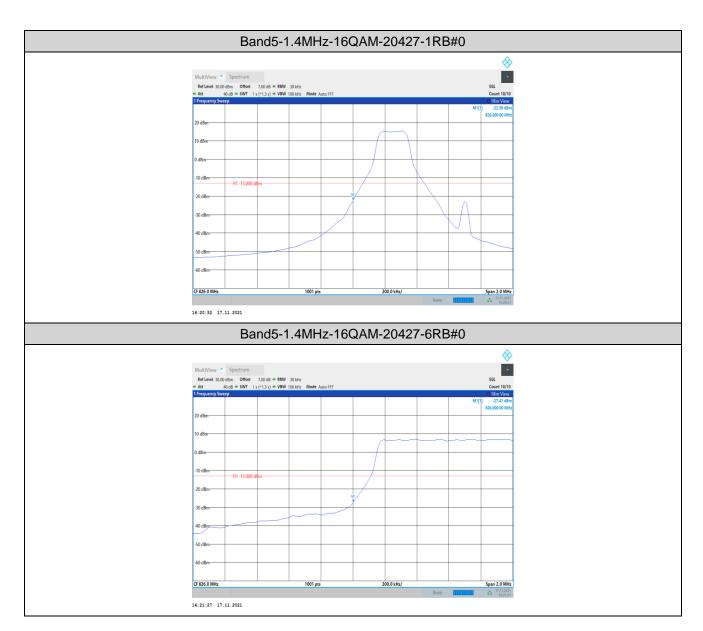
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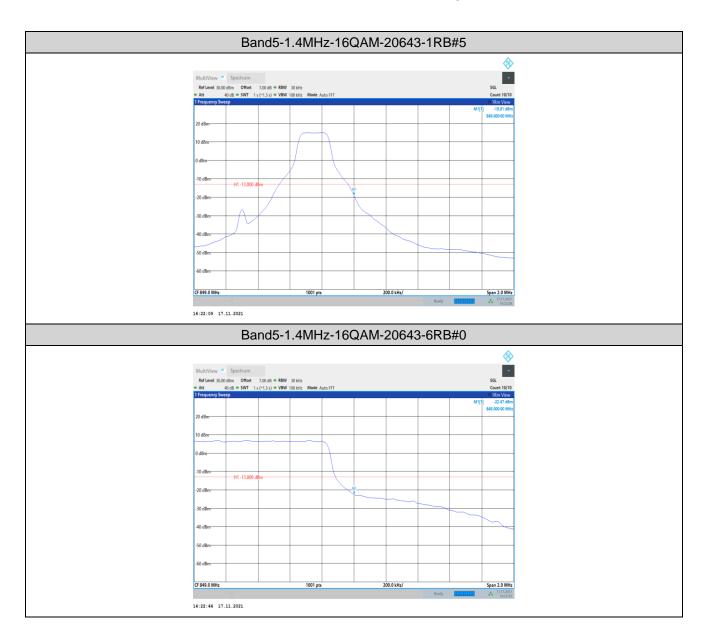
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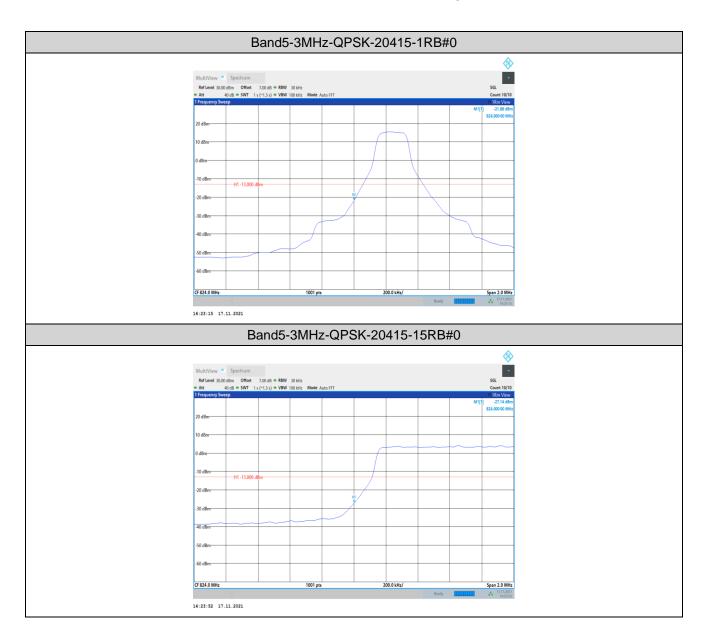
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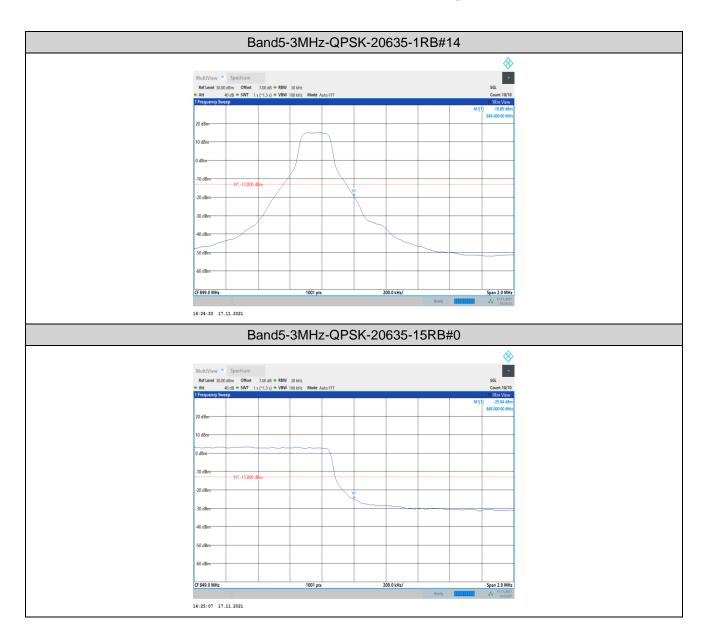
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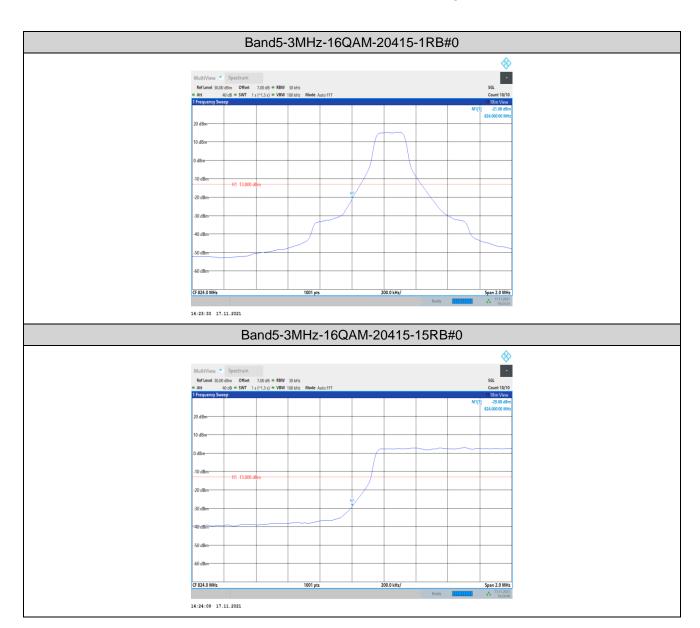
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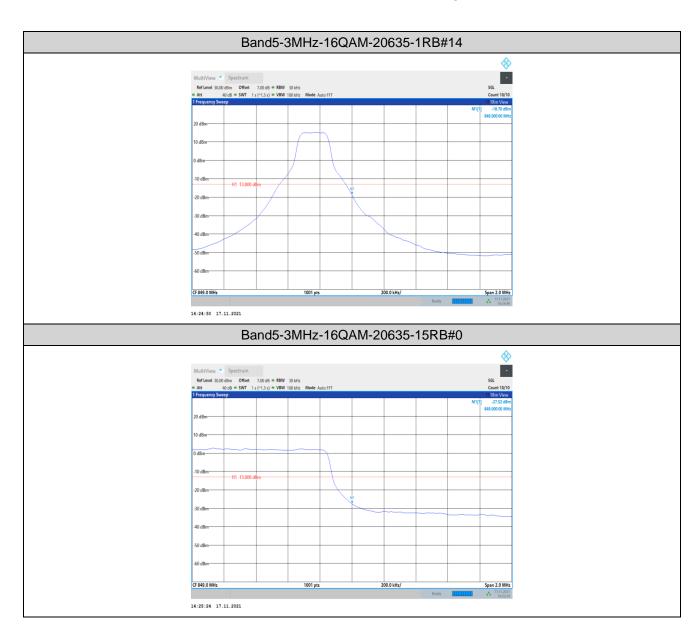
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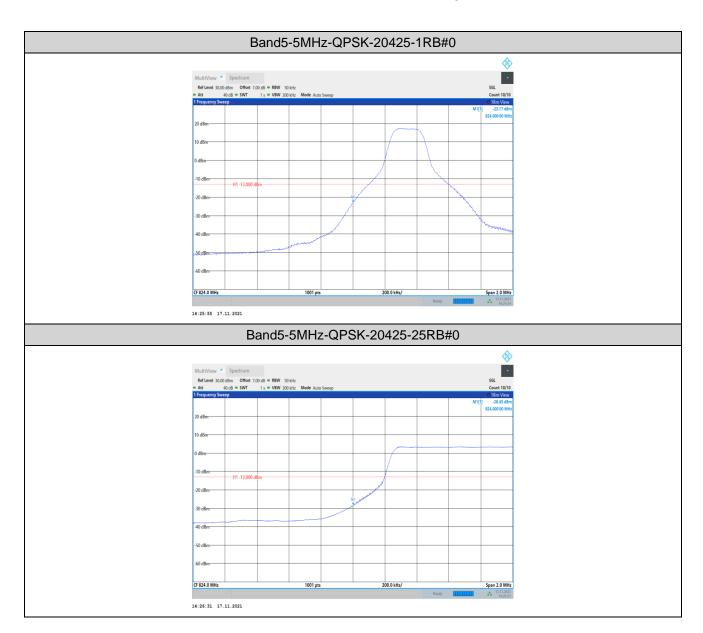
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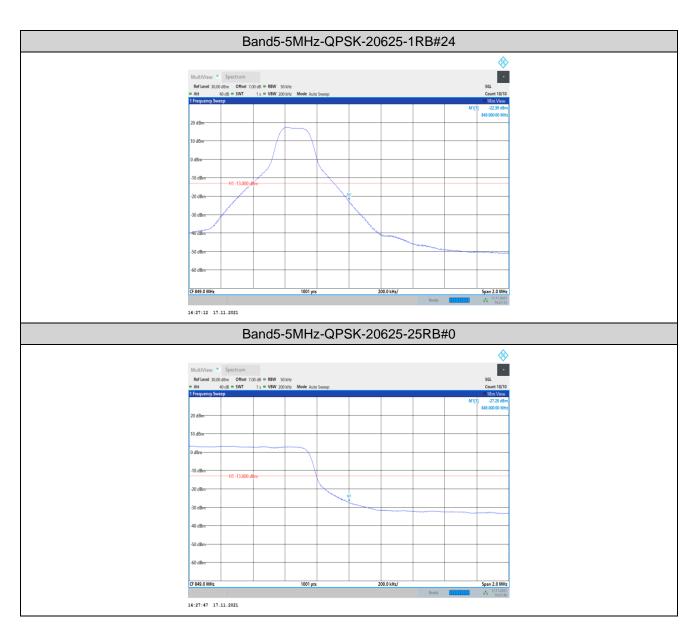
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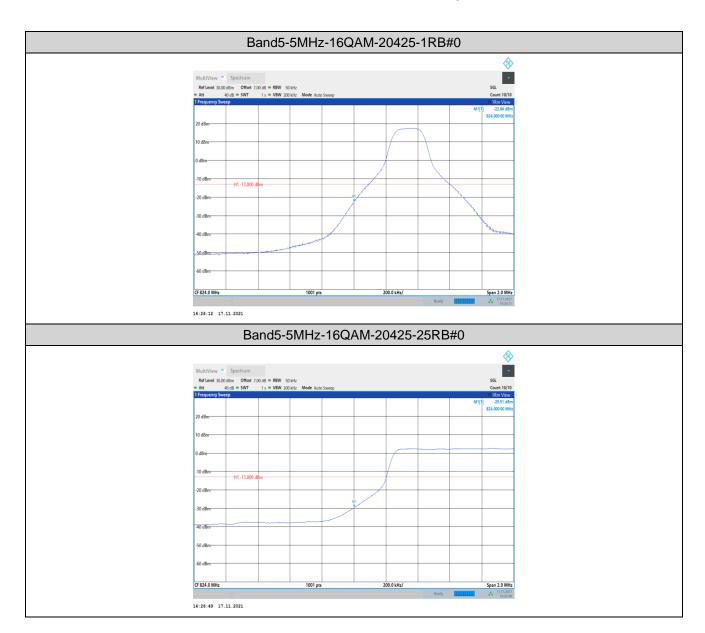
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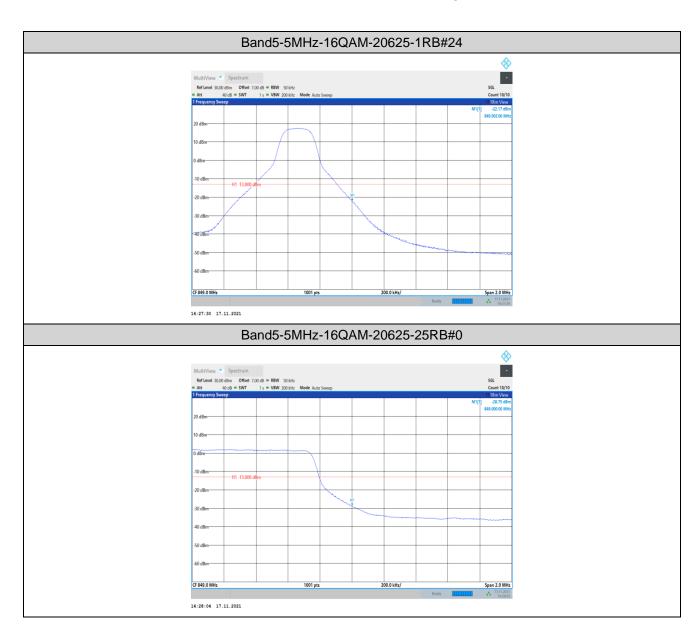
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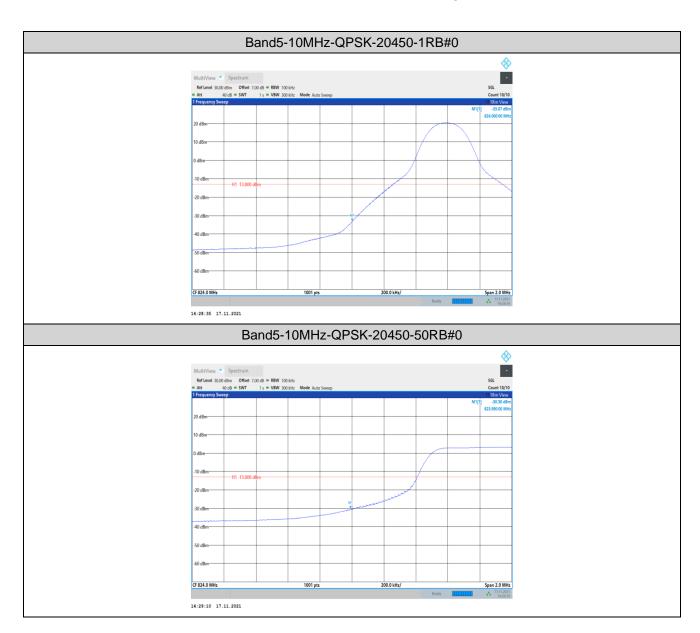
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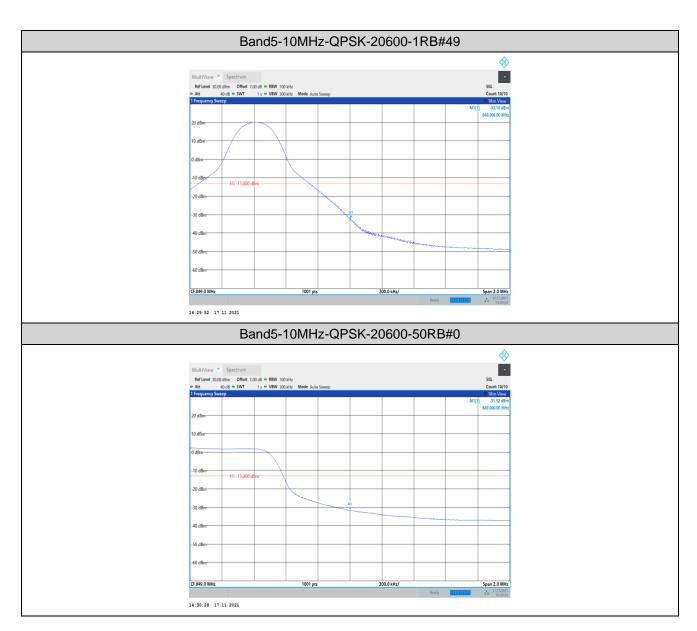
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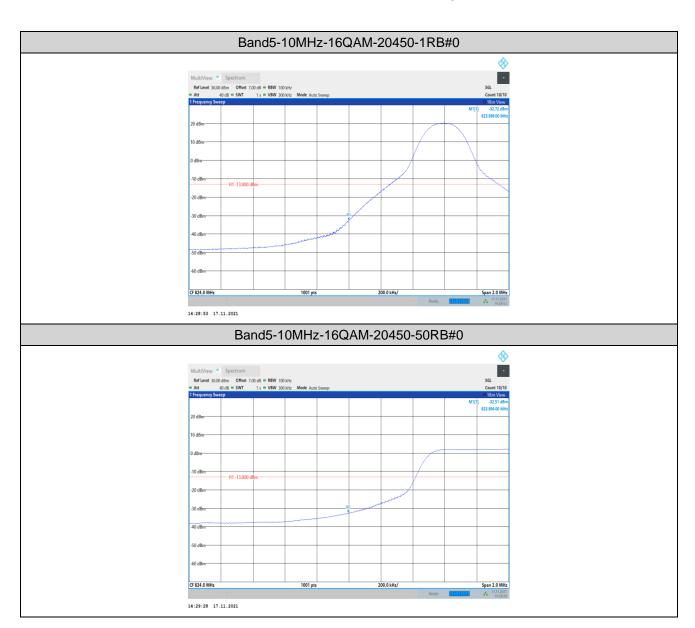
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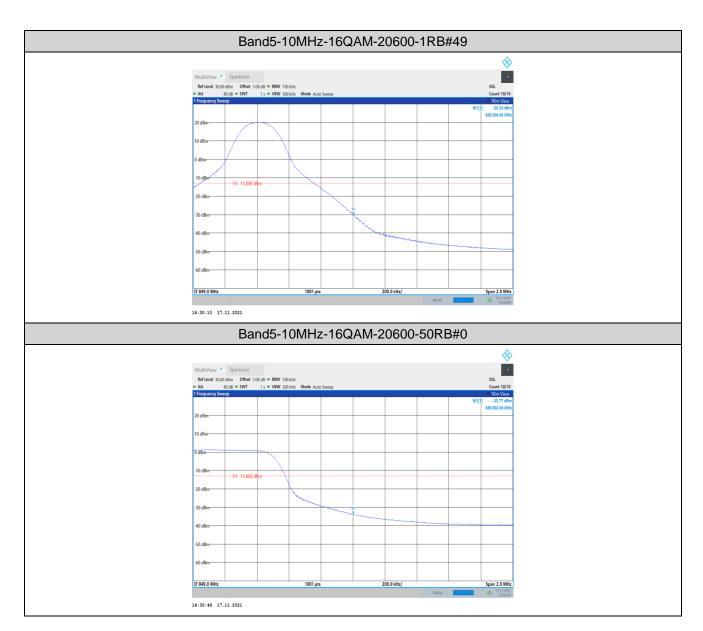
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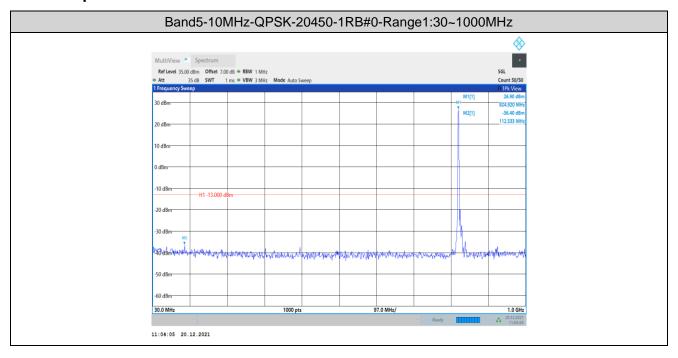
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Conducted Spurious Emission

Test Graphs





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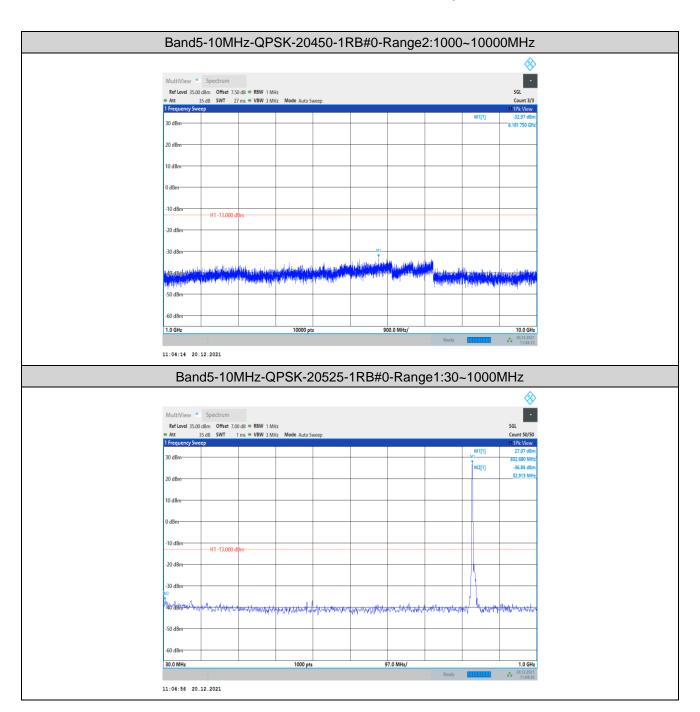
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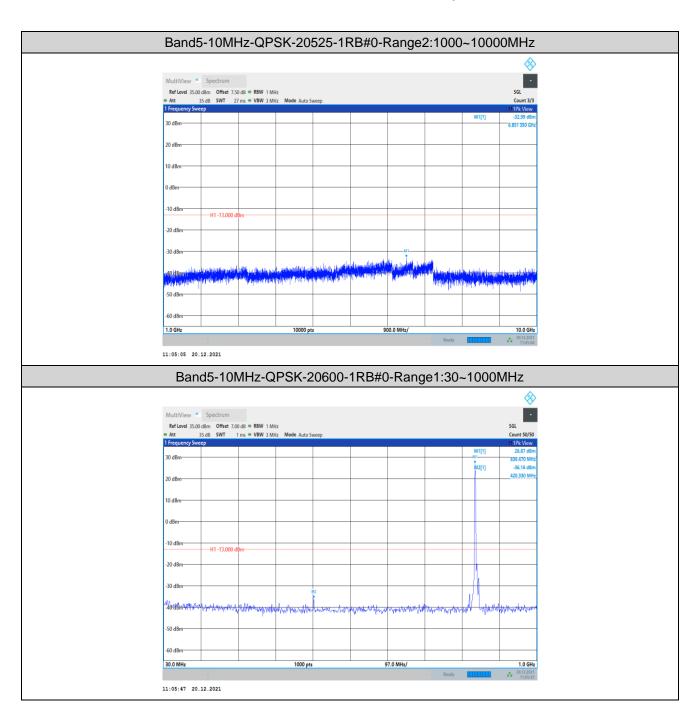
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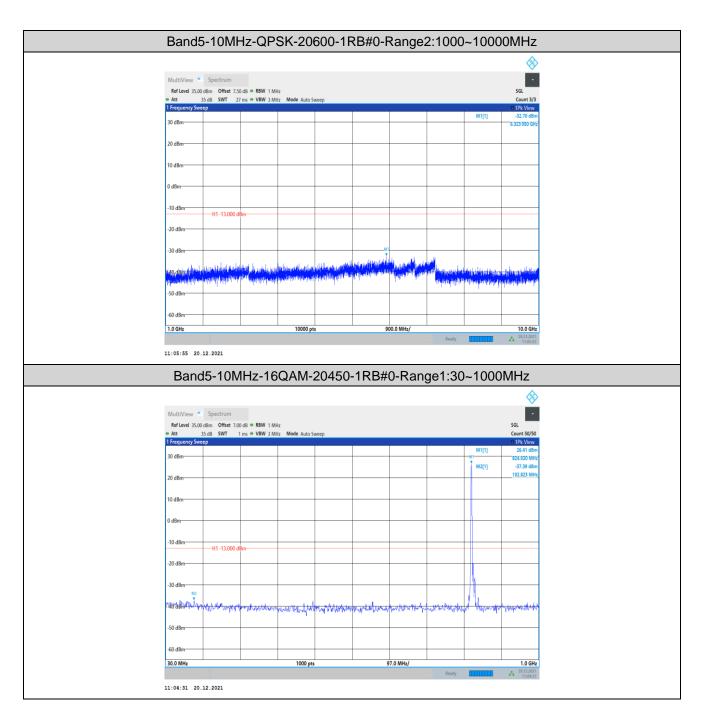
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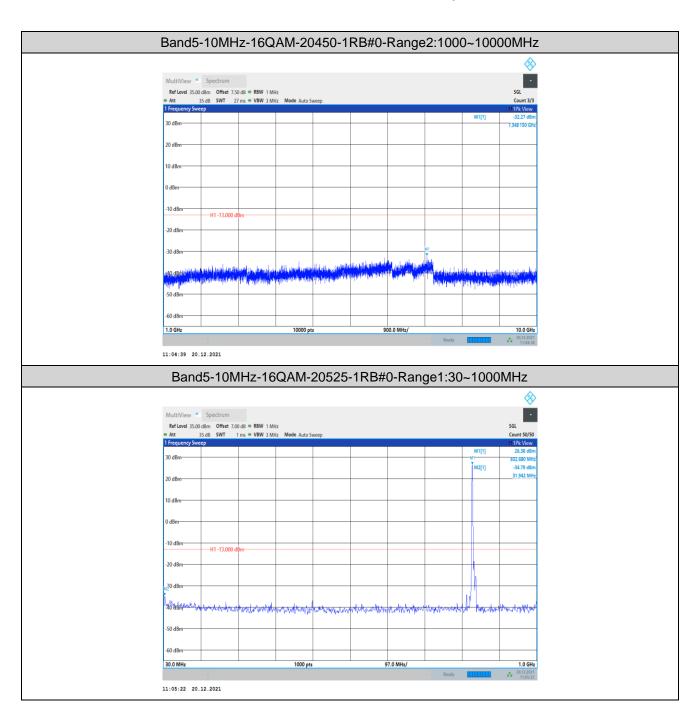
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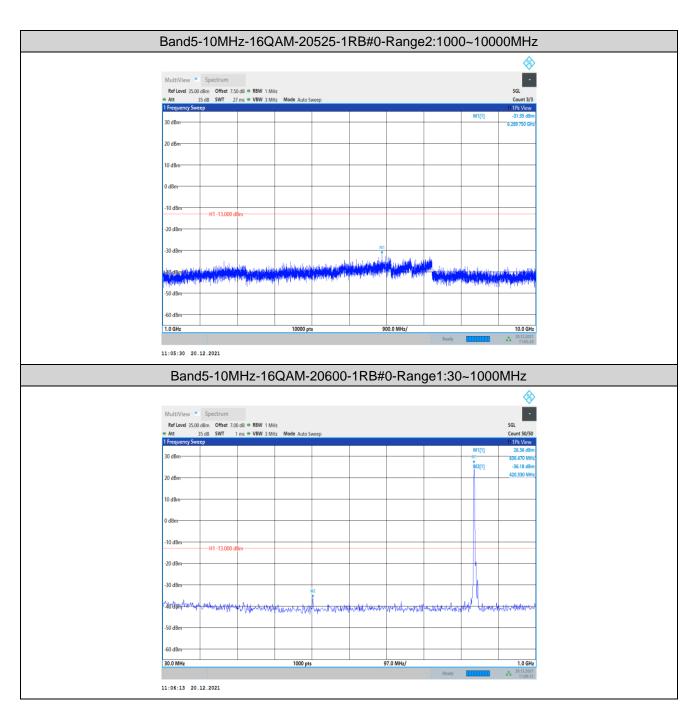
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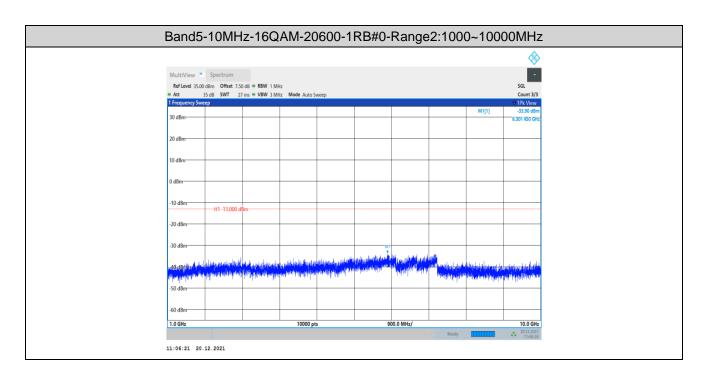
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Field Strength of Spurious Radiation

Test Band = LTE Band 5 TM1 Test Channel =Low Channel

Data	List							
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1648.0000	70.82	-47.25	-13.00	34.25	169	41	Horizontal
2	2473.7700	59.81	-54.56	-13.00	41.56	246	360	Horizontal
3	3298.0000	61.70	-50.19	-13.00	37.19	316	360	Horizontal
4	4122.9500	65.01	-44.79	-13.00	31.79	186	41	Horizontal
5	4947.5400	50.82	-57.05	-13.00	44.05	106	22	Horizontal
6	6028.0000	51.87	-52.50	-13.00	39.50	235	70	Horizontal

Data	List							
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1648.0000	72.58	-45.49	-13.00	32.49	231	290	Vertical
2	2473.7700	60.93	-53.44	-13.00	40.44	167	280	Vertical
3	3298.0000	64.57	-47.32	-13.00	34.32	178	266	Vertical
4	4122.9500	66.39	-43.41	-13.00	30.41	218	352	Vertical
5	4947.5400	50.89	-56.98	-13.00	43.98	271	295	Vertical
6	5772.1300	49.46	-55.85	-13.00	42.85	301	155	Vertical



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Test Band = LTE Band 5_TM1 Test Channel = Mid Channel

Data	List							
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664.0000	74.76	-43.27	-13.00	30.27	169	255	Horizontal
2	2496.0000	62.08	-52.06	-13.00	39.06	185	112	Horizontal
3	3328.0000	59.57	-52.38	-13.00	39.38	163	265	Horizontal
4	4160.0000	63.08	-46.55	-13.00	33.55	246	146	Horizontal
5	4992.5400	50.79	-56.90	-13.00	43.90	312	89	Horizontal
6	5824.6300	50.75	-54.30	-13.00	41.30	105	102	Horizontal

Data	List							
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664.0000	66.58	-51.45	-13.00	38.45	196	262	Vertical
2	2496.0000	56.83	-57.31	-13.00	44.31	145	271	Vertical
3	3328.0000	57.79	-54.16	-13.00	41.16	389	195	Vertical
4	4160.0000	62.13	-47.50	-13.00	34.50	123	143	Vertical
5	4992.5400	51.54	-56.15	-13.00	43.15	365	56	Vertical
6	5824.6300	49.89	-55.16	-13.00	42.16	268	338	Vertical



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Test Band = LTE Band 5_TM1 Test Channel = High Channel

Data	List							
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1678.0000	76.85	-41.15	-13.00	28.15	163	251	Horizontal
2	2518.0000	62.97	-51.16	-13.00	38.16	196	84	Horizontal
3	3358.0000	62.96	-49.05	-13.00	36.05	185	266	Horizontal
4	4197.9500	65.71	-43.75	-13.00	30.75	246	146	Horizontal
5	5037.5400	51.85	-55.66	-13.00	42.66	351	213	Horizontal
6	5877.1300	49.78	-54.94	-13.00	41.94	105	308	Horizontal

Data	List							
NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1678.0000	70.48	-47.52	-13.00	34.52	198	271	Vertical
2	2518.7700	54.72	-59.41	-13.00	46.41	136	75	Vertical
3	3358.0000	60.74	-51.27	-13.00	38.27	314	175	Vertical
4	4197.9500	61.61	-47.85	-13.00	34.85	271	142	Vertical
5	5037.5400	50.53	-56.98	-13.00	43.98	121	37	Vertical
6	5877.1300	50.30	-54.42	-13.00	41.42	159	199	Vertical



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Frequency Stability

Test Result

					Voltage					
Band	Bandwidt h	Modulatio n	Channe I	RB Configure	Voltag e [Vdc]	Tempe rature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-3.25	-0.003920	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-4.62	-0.005573	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-3.65	-0.004403	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-1.77	-0.002116	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	4.38	0.005236	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-2.09	-0.002499	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-2.75	-0.003258	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	2.07	0.002453	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-2.50	-0.002962	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-2.40	-0.002895	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-2.80	-0.003378	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-1.93	-0.002328	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-4.28	-0.005117	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	1.09	0.001303	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-2.02	-0.002415	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-2.70	-0.003199	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-1.42	-0.001682	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-2.10	-0.002488	±2.5	PASS



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				Т	emperatu	re				
Band	Bandwidt h	Modulatio n	Channe I	RB Configure	Voltag e [Vdc]	Tempe rature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-3.00	-0.003619	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-10	-3.28	-0.003957	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-2.25	-0.002714	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-4.06	-0.004897	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-3.39	-0.004089	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-3.22	-0.003884	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-3.62	-0.004367	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-3.32	-0.004005	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	1.49	0.001781	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-1.89	-0.002259	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-1.04	-0.001243	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-2.06	-0.002463	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-1.60	-0.001913	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-3.26	-0.003897	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-3.26	-0.003897	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-3.63	-0.004340	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-2.22	-0.002630	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	-3.20	-0.003791	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-2.83	-0.003353	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-3.32	-0.003934	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-2.62	-0.003104	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-3.10	-0.003673	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-3.06	-0.003626	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-1.17	-0.001386	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	2.05	0.002473	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-10	2.92	0.003522	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-2.13	-0.002569	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-2.75	-0.003317	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-1.54	-0.001858	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	-2.79	-0.003366	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	1.86	0.002244	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	1.77	0.002135	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	2.80	0.003347	±2.5	PASS



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Band5	10MHz	16QAM	20525	50RB#0	NV	-10	2.68	0.003204	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	-2.69	-0.003216	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-3.03	-0.003622	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-1.30	-0.001554	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-2.36	-0.002821	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	-2.88	-0.003443	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-2.26	-0.002702	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-2.78	-0.003294	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-10	-2.47	-0.002927	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-2.33	-0.002761	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	-3.65	-0.004325	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-1.93	-0.002287	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	-2.60	-0.003081	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	-4.39	-0.005201	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	-3.99	-0.004727	±2.5	PASS

The End



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