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Appendix B.11

LTE Band 26(814-824)



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Transmitter Conducted Power Output

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Limit(dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	20.77	50	PASS
Band26	1.4MHz	QPSK	26697	1RB#2	20.89	50	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	20.75	50	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	22.84	50	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	20.69	50	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	20.9	50	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	20.85	50	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	22.88	50	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	20.97	50	PASS
Band26	1.4MHz	QPSK	26783	1RB#2	23.81	50	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	20.95	50	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	20.92	50	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	22.92	50	PASS
Band26	1.4MHz	16QAM	26697	1RB#2	22.91	50	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	22.85	50	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	21.77	50	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	22.91	50	PASS
Band26	1.4MHz	16QAM	26740	1RB#2	22.94	50	PASS
Band26	1.4MHz	16QAM	26740	1RB#5	23.07	50	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	21.95	50	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	22.87	50	PASS
Band26	1.4MHz	16QAM	26783	1RB#2	23.14	50	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	23.08	50	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	21.91	50	PASS
Band26	1.4MHz	64QAM	26697	1RB#0	21.97	50	PASS
Band26	1.4MHz	64QAM	26697	1RB#2	21.99	50	PASS
Band26	1.4MHz	64QAM	26697	1RB#5	21.81	50	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	20.84	50	PASS



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Band26	1.4MHz	64QAM	26740	1RB#0	21.96	50	PASS
Band26	1.4MHz	64QAM	26740	1RB#2	21.95	50	PASS
Band26	1.4MHz	64QAM	26740	1RB#5	22.13	50	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	20.93	50	PASS
Band26	1.4MHz	64QAM	26783	1RB#0	21.92	50	PASS
Band26	1.4MHz	64QAM	26783	1RB#2	21.87	50	PASS
Band26	1.4MHz	64QAM	26783	1RB#5	22.11	50	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	20.95	50	PASS
Band26	1.4MHz	256QAM	26697	1RB#0	18.8	50	PASS
Band26	1.4MHz	256QAM	26697	1RB#2	18.83	50	PASS
Band26	1.4MHz	256QAM	26697	1RB#5	18.71	50	PASS
Band26	1.4MHz	256QAM	26697	6RB#0	18.76	50	PASS
Band26	1.4MHz	256QAM	26740	1RB#0	18.87	50	PASS
Band26	1.4MHz	256QAM	26740	1RB#2	19.07	50	PASS
Band26	1.4MHz	256QAM	26740	1RB#5	18.83	50	PASS
Band26	1.4MHz	256QAM	26740	6RB#0	18.86	50	PASS
Band26	1.4MHz	256QAM	26783	1RB#0	18.97	50	PASS
Band26	1.4MHz	256QAM	26783	1RB#2	19.13	50	PASS
Band26	1.4MHz	256QAM	26783	1RB#5	18.97	50	PASS
Band26	1.4MHz	256QAM	26783	6RB#0	18.97	50	PASS
Band26	3MHz	QPSK	26705	1RB#0	20.69	50	PASS
Band26	3MHz	QPSK	26705	1RB#8	20.8	50	PASS
Band26	3MHz	QPSK	26705	1RB#14	20.75	50	PASS
Band26	3MHz	QPSK	26705	15RB#0	21.77	50	PASS
Band26	3MHz	QPSK	26740	1RB#0	20.87	50	PASS
Band26	3MHz	QPSK	26740	1RB#8	20.88	50	PASS
Band26	3MHz	QPSK	26740	1RB#14	20.95	50	PASS
Band26	3MHz	QPSK	26740	15RB#0	21.91	50	PASS
Band26	3MHz	QPSK	26775	1RB#0	22.13	50	PASS
Band26	3MHz	QPSK	26775	1RB#8	23.93	50	PASS
Band26	3MHz	QPSK	26775	1RB#14	20.92	50	PASS
Band26	3MHz	QPSK	26775	15RB#0	21.98	50	PASS
Band26	3MHz	16QAM	26705	1RB#0	22.92	50	PASS



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Band26	3MHz	16QAM	26705	1RB#14	22.83	50	PASS
Band26	3MHz	16QAM	26705	15RB#0	21.85	50	PASS
Band26	3MHz	16QAM	26740	1RB#0	22.88	50	PASS
Band26	3MHz	16QAM	26740	1RB#8	23	50	PASS
Band26	3MHz	16QAM	26740	1RB#14	22.92	50	PASS
Band26	3MHz	16QAM	26740	15RB#0	21.96	50	PASS
Band26	3MHz	16QAM	26775	1RB#0	23.02	50	PASS
Band26	3MHz	16QAM	26775	1RB#8	22.97	50	PASS
Band26	3MHz	16QAM	26775	1RB#14	23.01	50	PASS
Band26	3MHz	16QAM	26775	15RB#0	22	50	PASS
Band26	3MHz	64QAM	26705	1RB#0	22	50	PASS
Band26	3MHz	64QAM	26705	1RB#8	22.05	50	PASS
Band26	3MHz	64QAM	26705	1RB#14	21.95	50	PASS
Band26	3MHz	64QAM	26705	15RB#0	20.85	50	PASS
Band26	3MHz	64QAM	26740	1RB#0	21.94	50	PASS
Band26	3MHz	64QAM	26740	1RB#8	21.92	50	PASS
Band26	3MHz	64QAM	26740	1RB#14	22.18	50	PASS
Band26	3MHz	64QAM	26740	15RB#0	20.95	50	PASS
Band26	3MHz	64QAM	26775	1RB#0	22.06	50	PASS
Band26	3MHz	64QAM	26775	1RB#8	22.12	50	PASS
Band26	3MHz	64QAM	26775	1RB#14	22.05	50	PASS
Band26	3MHz	64QAM	26775	15RB#0	21.04	50	PASS
Band26	3MHz	256QAM	26705	1RB#0	18.85	50	PASS
Band26	3MHz	256QAM	26705	1RB#8	18.84	50	PASS
Band26	3MHz	256QAM	26705	1RB#14	18.85	50	PASS
Band26	3MHz	256QAM	26705	15RB#0	18.82	50	PASS
Band26	3MHz	256QAM	26740	1RB#0	18.87	50	PASS
Band26	3MHz	256QAM	26740	1RB#8	19.04	50	PASS
Band26	3MHz	256QAM	26740	1RB#14	19.06	50	PASS
Band26	3MHz	256QAM	26740	15RB#0	18.9	50	PASS
Band26	3MHz	256QAM	26775	1RB#0	18.95	50	PASS
Band26	3MHz	256QAM	26775	1RB#8	19.15	50	PASS



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Band26	3MHz	256QAM	26775	15RB#0	19.04	50	PASS
Band26	5MHz	QPSK	26715	1RB#0	21.79	50	PASS
Band26	5MHz	QPSK	26715	1RB#12	23.75	50	PASS
Band26	5MHz	QPSK	26715	1RB#24	20.76	50	PASS
Band26	5MHz	QPSK	26715	25RB#0	21.88	50	PASS
Band26	5MHz	QPSK	26740	1RB#0	22.12	50	PASS
Band26	5MHz	QPSK	26740	1RB#12	23.89	50	PASS
Band26	5MHz	QPSK	26740	1RB#24	20.93	50	PASS
Band26	5MHz	QPSK	26740	25RB#0	21.89	50	PASS
Band26	5MHz	QPSK	26765	1RB#0	21.93	50	PASS
Band26	5MHz	QPSK	26765	1RB#12	23.84	50	PASS
Band26	5MHz	QPSK	26765	1RB#24	20.82	50	PASS
Band26	5MHz	QPSK	26765	25RB#0	21.99	50	PASS
Band26	5MHz	16QAM	26715	1RB#0	23	50	PASS
Band26	5MHz	16QAM	26715	1RB#12	22.88	50	PASS
Band26	5MHz	16QAM	26715	1RB#24	22.79	50	PASS
Band26	5MHz	16QAM	26715	25RB#0	21.89	50	PASS
Band26	5MHz	16QAM	26740	1RB#0	22.9	50	PASS
Band26	5MHz	16QAM	26740	1RB#12	23.16	50	PASS
Band26	5MHz	16QAM	26740	1RB#24	23.01	50	PASS
Band26	5MHz	16QAM	26740	25RB#0	21.88	50	PASS
Band26	5MHz	16QAM	26765	1RB#0	23.11	50	PASS
Band26	5MHz	16QAM	26765	1RB#12	23.1	50	PASS
Band26	5MHz	16QAM	26765	1RB#24	22.99	50	PASS
Band26	5MHz	16QAM	26765	25RB#0	21.95	50	PASS
Band26	5MHz	64QAM	26715	1RB#0	21.92	50	PASS
Band26	5MHz	64QAM	26715	1RB#12	21.93	50	PASS
Band26	5MHz	64QAM	26715	1RB#24	21.93	50	PASS
Band26	5MHz	64QAM	26715	25RB#0	20.83	50	PASS
Band26	5MHz	64QAM	26740	1RB#0	22.02	50	PASS
Band26	5MHz	64QAM	26740	1RB#12	22.06	50	PASS
Band26	5MHz	64QAM	26740	1RB#24	22.02	50	PASS



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Band26	5MHz	64QAM	26765	1RB#0	22.11	50	PASS
Band26	5MHz	64QAM	26765	1RB#12	22.07	50	PASS
Band26	5MHz	64QAM	26765	1RB#24	22.04	50	PASS
Band26	5MHz	64QAM	26765	25RB#0	20.98	50	PASS
Band26	5MHz	256QAM	26715	1RB#0	18.85	50	PASS
Band26	5MHz	256QAM	26715	1RB#12	18.79	50	PASS
Band26	5MHz	256QAM	26715	1RB#24	18.89	50	PASS
Band26	5MHz	256QAM	26715	25RB#0	18.83	50	PASS
Band26	5MHz	256QAM	26740	1RB#0	18.62	50	PASS
Band26	5MHz	256QAM	26740	1RB#12	19	50	PASS
Band26	5MHz	256QAM	26740	1RB#24	18.87	50	PASS
Band26	5MHz	256QAM	26740	25RB#0	18.93	50	PASS
Band26	5MHz	256QAM	26765	1RB#0	18.9	50	PASS
Band26	5MHz	256QAM	26765	1RB#12	18.96	50	PASS
Band26	5MHz	256QAM	26765	1RB#24	18.88	50	PASS
Band26	5MHz	256QAM	26765	25RB#0	19.02	50	PASS
Band26	10MHz	QPSK	26740	1RB#0	23.75	50	PASS
Band26	10MHz	QPSK	26740	1RB#24	23.96	50	PASS
Band26	10MHz	QPSK	26740	1RB#49	23.9	50	PASS
Band26	10MHz	QPSK	26740	50RB#0	23	50	PASS
Band26	10MHz	16QAM	26740	1RB#0	23.18	50	PASS
Band26	10MHz	16QAM	26740	1RB#24	23.04	50	PASS
Band26	10MHz	16QAM	26740	1RB#49	22.86	50	PASS
Band26	10MHz	16QAM	26740	50RB#0	22.02	50	PASS
Band26	10MHz	64QAM	26740	1RB#0	21.93	50	PASS
Band26	10MHz	64QAM	26740	1RB#24	22.08	50	PASS
Band26	10MHz	64QAM	26740	1RB#49	22.03	50	PASS
Band26	10MHz	64QAM	26740	50RB#0	20.91	50	PASS
Band26	10MHz	256QAM	26740	1RB#0	18.8	50	PASS
Band26	10MHz	256QAM	26740	1RB#24	19.14	50	PASS
Band26	10MHz	256QAM	26740	1RB#49	19.14	50	PASS
Band26	10MHz	256QAM	26740	50RB#0	18.94	50	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	4.46	13	PASS
Band26	10MHz	16QAM	26740	50RB#0	5.36	13	PASS
Band26	10MHz	64QAM	26740	50RB#0	5.90	13	PASS
Band26	10MHz	256QAM	26740	50RB#0	6.36	13	PASS



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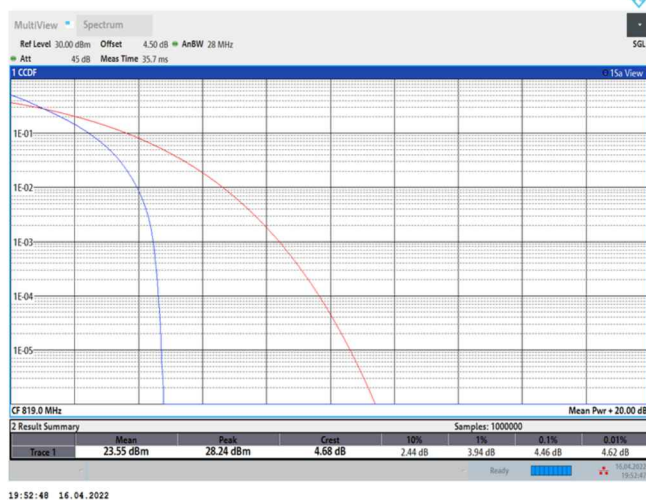
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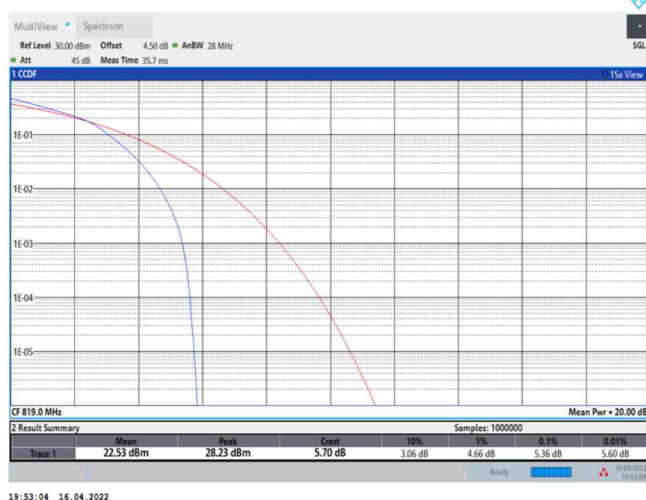
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Test Graphs

Band26-10MHz-QPSK-26740-50RB#0



Band26-10MHz-16QAM-26740-50RB#0



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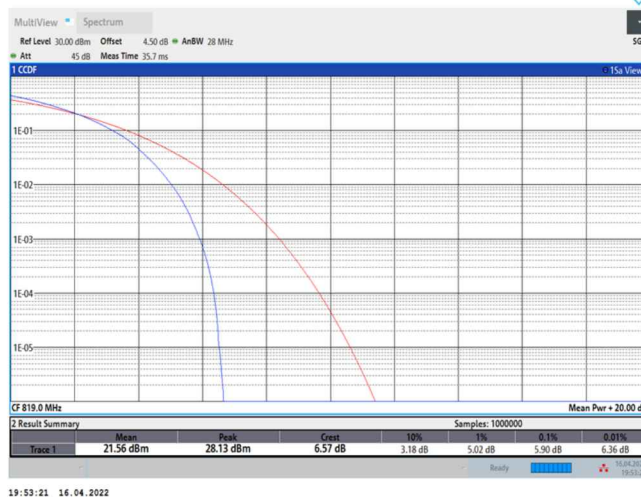
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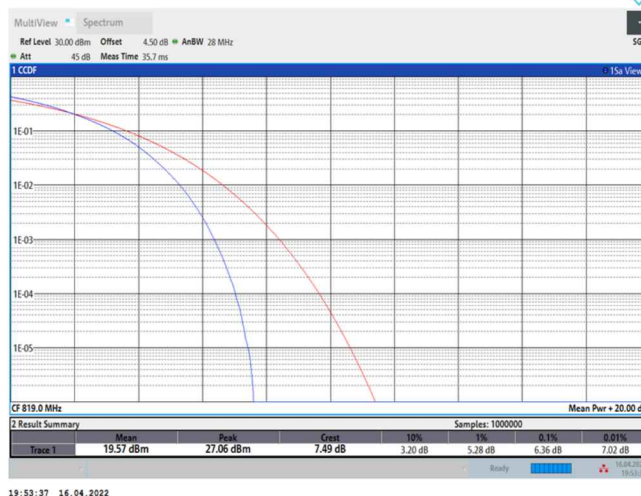
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Band26-10MHz-64QAM-26740-50RB#0



Band26-10MHz-256QAM-26740-50RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	1.105	1.38	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	1.107	1.37	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	1.105	1.41	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	1.104	1.37	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	1.106	1.38	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	1.112	1.42	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	1.107	1.40	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	1.104	1.37	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	1.109	1.45	PASS
Band26	1.4MHz	256QAM	26697	6RB#0	1.110	1.40	PASS
Band26	1.4MHz	256QAM	26740	6RB#0	1.108	1.40	PASS
Band26	1.4MHz	256QAM	26783	6RB#0	1.101	1.37	PASS
Band26	3MHz	QPSK	26705	15RB#0	2.698	3.04	PASS
Band26	3MHz	QPSK	26740	15RB#0	2.693	3.04	PASS
Band26	3MHz	QPSK	26775	15RB#0	2.701	3.05	PASS
Band26	3MHz	16QAM	26705	15RB#0	2.706	3.04	PASS
Band26	3MHz	16QAM	26740	15RB#0	2.699	3.04	PASS
Band26	3MHz	16QAM	26775	15RB#0	2.705	3.08	PASS
Band26	3MHz	64QAM	26705	15RB#0	2.698	3.05	PASS
Band26	3MHz	64QAM	26740	15RB#0	2.692	3.02	PASS
Band26	3MHz	64QAM	26775	15RB#0	2.700	3.02	PASS
Band26	3MHz	256QAM	26705	15RB#0	2.698	3.07	PASS
Band26	3MHz	256QAM	26740	15RB#0	2.702	3.05	PASS
Band26	3MHz	256QAM	26775	15RB#0	2.699	3.04	PASS
Band26	5MHz	QPSK	26715	25RB#0	4.485	5.06	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.469	5.05	PASS
Band26	5MHz	QPSK	26765	25RB#0	4.478	5.02	PASS
Band26	5MHz	16QAM	26715	25RB#0	4.479	5.08	PASS
Band26	5MHz	16QAM	26740	25RB#0	4.480	5.01	PASS



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Band26	5MHz	16QAM	26765	25RB#0	4.479	5.08	PASS
Band26	5MHz	64QAM	26715	25RB#0	4.478	5.06	PASS
Band26	5MHz	64QAM	26740	25RB#0	4.472	5.05	PASS
Band26	5MHz	64QAM	26765	25RB#0	4.476	5.06	PASS
Band26	5MHz	256QAM	26715	25RB#0	4.484	5.10	PASS
Band26	5MHz	256QAM	26740	25RB#0	4.476	5.00	PASS
Band26	5MHz	256QAM	26765	25RB#0	4.473	5.01	PASS
Band26	10MHz	QPSK	26740	50RB#0	8.934	9.80	PASS
Band26	10MHz	16QAM	26740	50RB#0	8.934	9.84	PASS
Band26	10MHz	64QAM	26740	50RB#0	8.927	9.94	PASS
Band26	10MHz	256QAM	26740	50RB#0	8.935	9.76	PASS



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Test Graphs

Band26-1.4MHz-QPSK-26697-6RB#0



Band26-1.4MHz-QPSK-26740-6RB#0



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Band26-1.4MHz-QPSK-26783-6RB#0



11:04:30 17.04.2022

Band26-1.4MHz-16QAM-26697-6RB#0



17:15:25 16.04.2022



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