

Report No.: SEWM2305000166RG01

Rev.: 01

Page: 1 of 10

Appendix B.11

LTE Band 18(815-824)



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Effective (Isotropic) Radiated Power Output Data

Test Result

Ant 41:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Limit(dBm)	Verdict
18(815-824)	5MHz	QPSK	23875	1RB#0	24.11	50	PASS
18(815-824)	5MHz	QPSK	23875	1RB#12	24.16	50	PASS
18(815-824)	5MHz	QPSK	23875	1RB#24	24.03	50	PASS
18(815-824)	5MHz	QPSK	23875	25RB#0	23.12	50	PASS
18(815-824)	5MHz	QPSK	23895	1RB#0	24.03	50	PASS
18(815-824)	5MHz	QPSK	23895	1RB#12	24.19	50	PASS
18(815-824)	5MHz	QPSK	23895	1RB#24	23.93	50	PASS
18(815-824)	5MHz	QPSK	23895	25RB#0	23.12	50	PASS
18(815-824)	5MHz	QPSK	23915	1RB#0	23.97	50	PASS
18(815-824)	5MHz	QPSK	23915	1RB#12	24.17	50	PASS
18(815-824)	5MHz	QPSK	23915	1RB#24	24.07	50	PASS
18(815-824)	5MHz	QPSK	23915	25RB#0	23.20	50	PASS
18(815-824)	5MHz	16QAM	23875	1RB#0	23.21	50	PASS
18(815-824)	5MHz	16QAM	23875	1RB#12	23.01	50	PASS
18(815-824)	5MHz	16QAM	23875	1RB#24	23.41	50	PASS
18(815-824)	5MHz	16QAM	23875	25RB#0	22.10	50	PASS
18(815-824)	5MHz	16QAM	23895	1RB#0	23.24	50	PASS
18(815-824)	5MHz	16QAM	23895	1RB#12	23.00	50	PASS
18(815-824)	5MHz	16QAM	23895	1RB#24	23.37	50	PASS
18(815-824)	5MHz	16QAM	23895	25RB#0	22.14	50	PASS
18(815-824)	5MHz	16QAM	23915	1RB#0	23.58	50	PASS
18(815-824)	5MHz	16QAM	23915	1RB#12	23.47	50	PASS
18(815-824)	5MHz	16QAM	23915	1RB#24	23.51	50	PASS
18(815-824)	5MHz	16QAM	23915	25RB#0	22.20	50	PASS
18(815-824)	5MHz	64QAM	23875	1RB#0	22.14	50	PASS
18(815-824)	5MHz	64QAM	23875	1RB#12	22.21	50	PASS
18(815-824)	5MHz	64QAM	23875	1RB#24	22.28	50	PASS
18(815-824)	5MHz	64QAM	23875	25RB#0	21.15	50	PASS
18(815-824)	5MHz	64QAM	23895	1RB#0	22.32	50	PASS
18(815-824)	5MHz	64QAM	23895	1RB#12	22.30	50	PASS



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Report No.: SEWM2305000166RG01

Rev.: 01

Page: 3 of 10

18(815-824)	5MHz	64QAM	23895	1RB#24	22.17	50	PASS
18(815-824)	5MHz	64QAM	23895	25RB#0	21.09	50	PASS
18(815-824)	5MHz	64QAM	23915	1RB#0	22.16	50	PASS
18(815-824)	5MHz	64QAM	23915	1RB#12	22.16	50	PASS
18(815-824)	5MHz	64QAM	23915	1RB#24	22.28	50	PASS
18(815-824)	5MHz	64QAM	23915	25RB#0	21.13	50	PASS
18(815-824)	5MHz	256QAM	23875	1RB#0	18.88	50	PASS
18(815-824)	5MHz	256QAM	23875	1RB#12	18.74	50	PASS
18(815-824)	5MHz	256QAM	23875	1RB#24	19.01	50	PASS
18(815-824)	5MHz	256QAM	23875	25RB#0	18.78	50	PASS
18(815-824)	5MHz	256QAM	23895	1RB#0	18.61	50	PASS
18(815-824)	5MHz	256QAM	23895	1RB#12	18.69	50	PASS
18(815-824)	5MHz	256QAM	23895	1RB#24	18.81	50	PASS
18(815-824)	5MHz	256QAM	23895	25RB#0	18.91	50	PASS
18(815-824)	5MHz	256QAM	23915	1RB#0	18.86	50	PASS
18(815-824)	5MHz	256QAM	23915	1RB#12	18.91	50	PASS
18(815-824)	5MHz	256QAM	23915	1RB#24	18.75	50	PASS
18(815-824)	5MHz	256QAM	23915	25RB#0	18.77	50	PASS



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
18(815-824)	5MHz	QPSK	23875	25RB#0	4.496	4.99	PASS
18(815-824)	5MHz	QPSK	23895	25RB#0	4.496	4.96	PASS
18(815-824)	5MHz	QPSK	23915	25RB#0	4.486	4.99	PASS
18(815-824)	5MHz	16QAM	23875	25RB#0	4.496	5.02	PASS
18(815-824)	5MHz	16QAM	23895	25RB#0	4.496	5.00	PASS
18(815-824)	5MHz	16QAM	23915	25RB#0	4.496	5.00	PASS
18(815-824)	5MHz	64QAM	23875	25RB#0	4.505	5.00	PASS
18(815-824)	5MHz	64QAM	23895	25RB#0	4.505	4.98	PASS
18(815-824)	5MHz	64QAM	23915	25RB#0	4.505	5.00	PASS
18(815-824)	5MHz	256QAM	23875	25RB#0	4.505	4.99	PASS
18(815-824)	5MHz	256QAM	23895	25RB#0	4.505	4.99	PASS
18(815-824)	5MHz	256QAM	23915	25RB#0	4.496	4.99	PASS

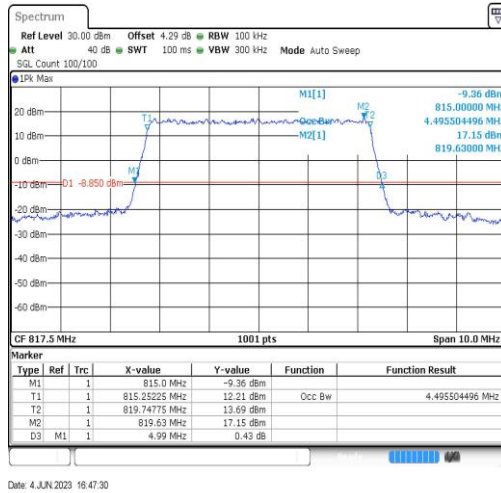


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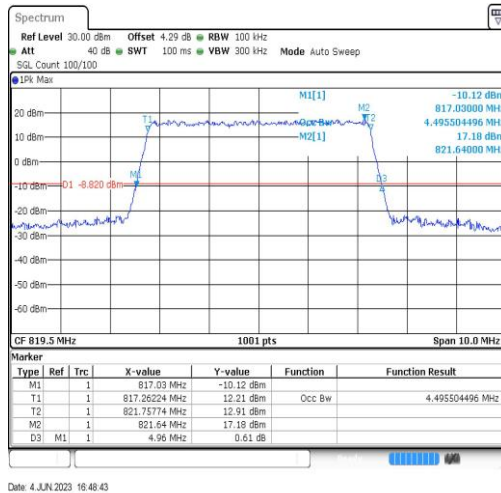
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Test Graphs



18(815-824)-5MHz-QPSK-23875-25RB#0



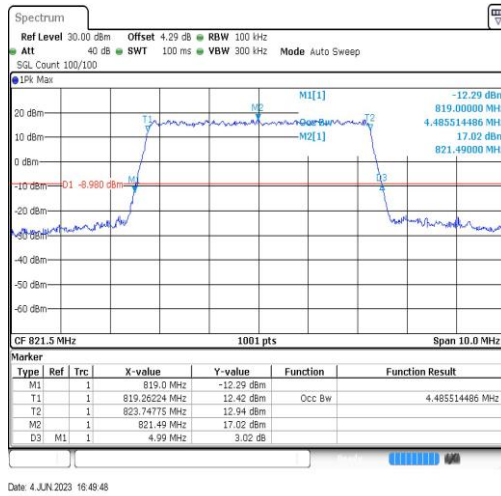
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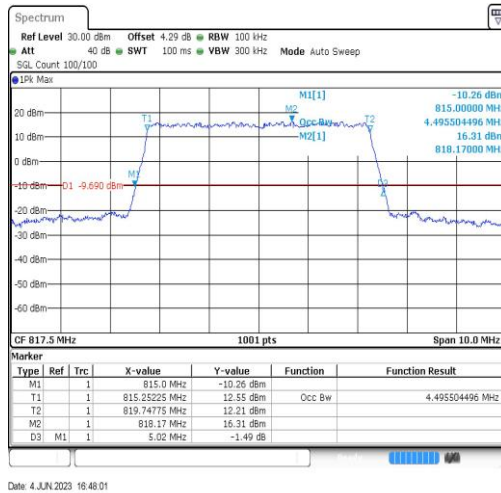
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18(815-824)-5MHz-QPSK-23915-25RB#0

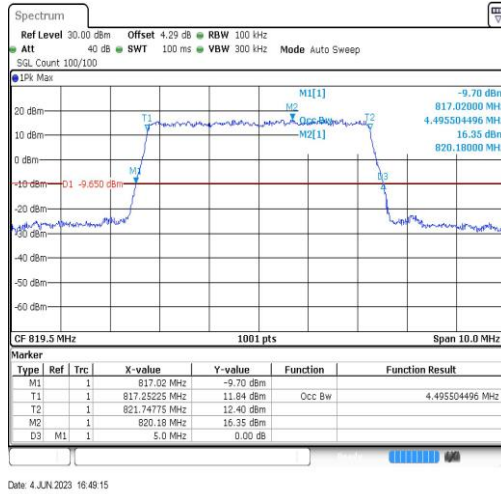


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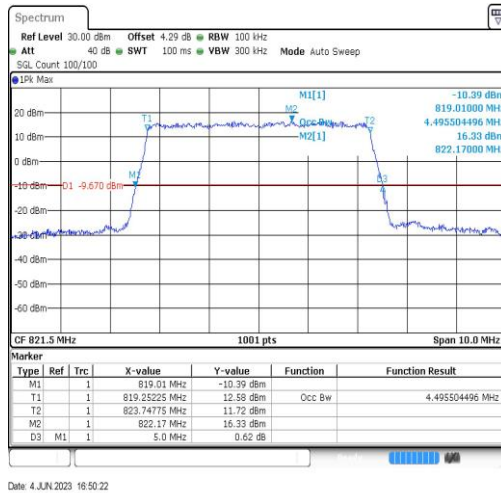
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18(815-824)-5MHz-16QAM-23895-25RB#0



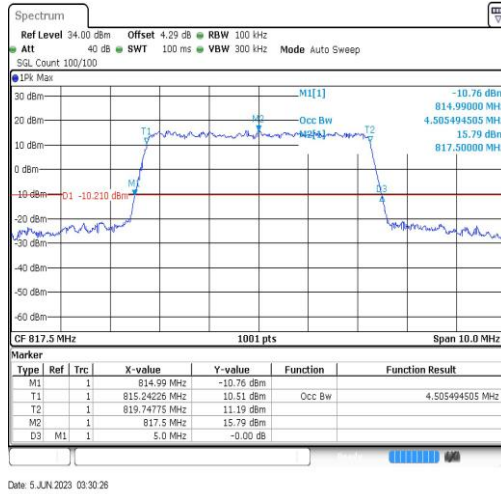
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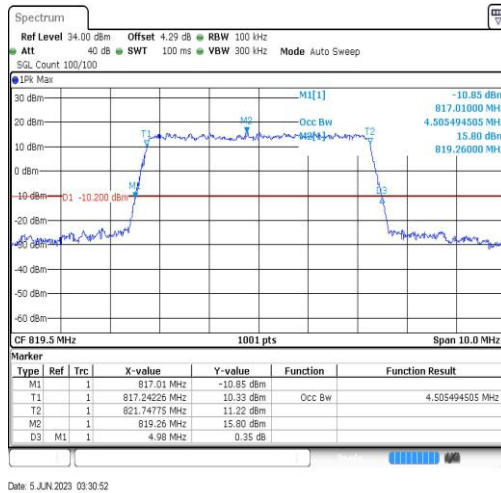
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Date: 5 JUN 2023 03:30:26

18(815-824)-5MHz-64QAM-23875-25RB#0



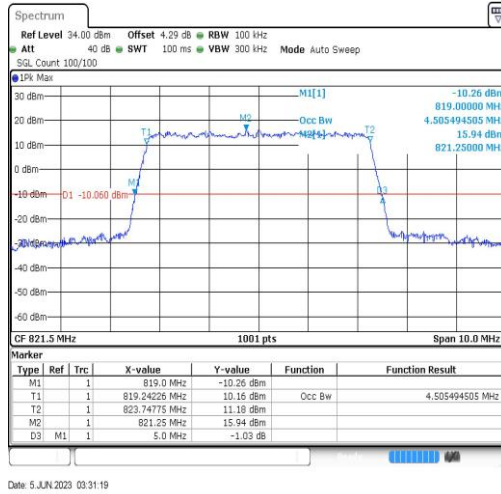
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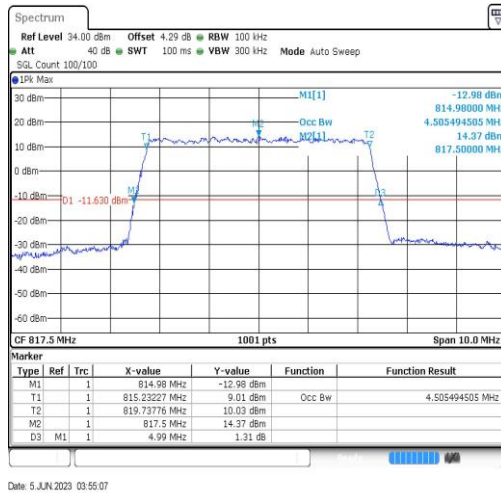
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Date: 5 JUN 2023 03:31:19

18(815-824)-5MHz-64QAM-23915-25RB#0



Date: 5 JUN 2023 03:55:07

18(815-824)-5MHz-256QAM-23875-25RB#0

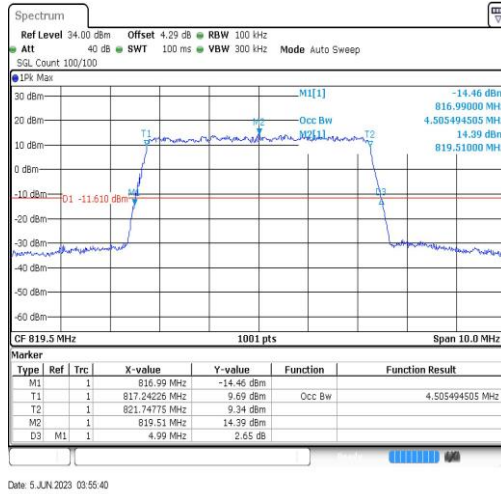


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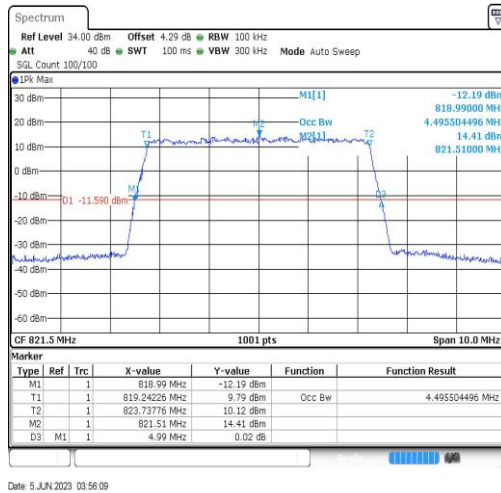
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18(815-824)-5MHz-256QAM-23895-25RB#0



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t (86-512) 62992980 www.sgs.com.cn
 t (86-512) 62992980 sgs.china@sgs.com