

Report No.: SEWM2305000166RG01

Rev.: 01

Page: 1 of 10

Appendix B.12

LTE Band 18(824-830)



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Effective (Isotropic) Radiated Power Output Data

Test Result

Ant 41:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
18(824-830)	5MHz	QPSK	23965	1RB#0	23.93	16.04	38.45	PASS
18(824-830)	5MHz	QPSK	23965	1RB#12	24.17	16.28	38.45	PASS
18(824-830)	5MHz	QPSK	23965	1RB#24	24.11	16.22	38.45	PASS
18(824-830)	5MHz	QPSK	23965	25RB#0	23.05	15.16	38.45	PASS
18(824-830)	5MHz	QPSK	23970	1RB#0	24.03	16.14	38.45	PASS
18(824-830)	5MHz	QPSK	23970	1RB#12	24.13	16.24	38.45	PASS
18(824-830)	5MHz	QPSK	23970	1RB#24	24.17	16.28	38.45	PASS
18(824-830)	5MHz	QPSK	23970	25RB#0	23.01	15.12	38.45	PASS
18(824-830)	5MHz	QPSK	23975	1RB#0	24.05	16.16	38.45	PASS
18(824-830)	5MHz	QPSK	23975	1RB#12	24.22	16.33	38.45	PASS
18(824-830)	5MHz	QPSK	23975	1RB#24	24.19	16.3	38.45	PASS
18(824-830)	5MHz	QPSK	23975	25RB#0	23.03	15.14	38.45	PASS
18(824-830)	5MHz	16QAM	23965	1RB#0	23.23	15.34	38.45	PASS
18(824-830)	5MHz	16QAM	23965	1RB#12	23.47	15.58	38.45	PASS
18(824-830)	5MHz	16QAM	23965	1RB#24	23.55	15.66	38.45	PASS
18(824-830)	5MHz	16QAM	23965	25RB#0	22.05	14.16	38.45	PASS
18(824-830)	5MHz	16QAM	23970	1RB#0	23.31	15.42	38.45	PASS
18(824-830)	5MHz	16QAM	23970	1RB#12	23.15	15.26	38.45	PASS
18(824-830)	5MHz	16QAM	23970	1RB#24	23.14	15.25	38.45	PASS
18(824-830)	5MHz	16QAM	23970	25RB#0	22.07	14.18	38.45	PASS
18(824-830)	5MHz	16QAM	23975	1RB#0	23.59	15.7	38.45	PASS
18(824-830)	5MHz	16QAM	23975	1RB#12	23.34	15.45	38.45	PASS
18(824-830)	5MHz	16QAM	23975	1RB#24	23.40	15.51	38.45	PASS
18(824-830)	5MHz	16QAM	23975	25RB#0	22.11	14.22	38.45	PASS
18(824-830)	5MHz	64QAM	23965	1RB#0	22.08	14.19	38.45	PASS
18(824-830)	5MHz	64QAM	23965	1RB#12	22.17	14.28	38.45	PASS
18(824-830)	5MHz	64QAM	23965	1RB#24	22.22	14.33	38.45	PASS
18(824-830)	5MHz	64QAM	23965	25RB#0	21.03	13.14	38.45	PASS
18(824-830)	5MHz	64QAM	23970	1RB#0	22.12	14.23	38.45	PASS
18(824-830)	5MHz	64QAM	23970	1RB#12	22.11	14.22	38.45	PASS



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Report No.: SEWM2305000166RG01

Rev.: 01

Page: 3 of 10

18(824-830)	5MHz	64QAM	23970	1RB#24	22.23	14.34	38.45	PASS
18(824-830)	5MHz	64QAM	23970	25RB#0	21.10	13.21	38.45	PASS
18(824-830)	5MHz	64QAM	23975	1RB#0	22.38	14.49	38.45	PASS
18(824-830)	5MHz	64QAM	23975	1RB#12	22.23	14.34	38.45	PASS
18(824-830)	5MHz	64QAM	23975	1RB#24	22.21	14.32	38.45	PASS
18(824-830)	5MHz	64QAM	23975	25RB#0	21.06	13.17	38.45	PASS
18(824-830)	5MHz	256QAM	23965	1RB#0	18.89	11	38.45	PASS
18(824-830)	5MHz	256QAM	23965	1RB#12	18.83	10.94	38.45	PASS
18(824-830)	5MHz	256QAM	23965	1RB#24	18.91	11.02	38.45	PASS
18(824-830)	5MHz	256QAM	23965	25RB#0	18.79	10.9	38.45	PASS
18(824-830)	5MHz	256QAM	23970	1RB#0	18.65	10.76	38.45	PASS
18(824-830)	5MHz	256QAM	23970	1RB#12	18.79	10.9	38.45	PASS
18(824-830)	5MHz	256QAM	23970	1RB#24	18.77	10.88	38.45	PASS
18(824-830)	5MHz	256QAM	23970	25RB#0	18.98	11.09	38.45	PASS
18(824-830)	5MHz	256QAM	23975	1RB#0	18.81	10.92	38.45	PASS
18(824-830)	5MHz	256QAM	23975	1RB#12	18.97	11.08	38.45	PASS
18(824-830)	5MHz	256QAM	23975	1RB#24	18.82	10.93	38.45	PASS
18(824-830)	5MHz	256QAM	23975	25RB#0	18.58	10.69	38.45	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(824-830)	5MHz	QPSK	23965	25RB#0	4.496	4.99	PASS
18(824-830)	5MHz	QPSK	23970	25RB#0	4.496	4.97	PASS
18(824-830)	5MHz	QPSK	23975	25RB#0	4.496	4.99	PASS
18(824-830)	5MHz	16QAM	23965	25RB#0	4.496	5.00	PASS
18(824-830)	5MHz	16QAM	23970	25RB#0	4.496	5.01	PASS
18(824-830)	5MHz	16QAM	23975	25RB#0	4.486	5.00	PASS
18(824-830)	5MHz	64QAM	23965	25RB#0	4.505	5.03	PASS
18(824-830)	5MHz	64QAM	23970	25RB#0	4.515	5.00	PASS
18(824-830)	5MHz	64QAM	23975	25RB#0	4.515	5.00	PASS
18(824-830)	5MHz	256QAM	23965	25RB#0	4.505	4.99	PASS
18(824-830)	5MHz	256QAM	23970	25RB#0	4.505	4.99	PASS
18(824-830)	5MHz	256QAM	23975	25RB#0	4.505	4.98	PASS



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Test Graphs



18(824-830)-5MHz-QPSK-23965-25RB#0



18(824-830)-5MHz-QPSK-23970-25RB#0

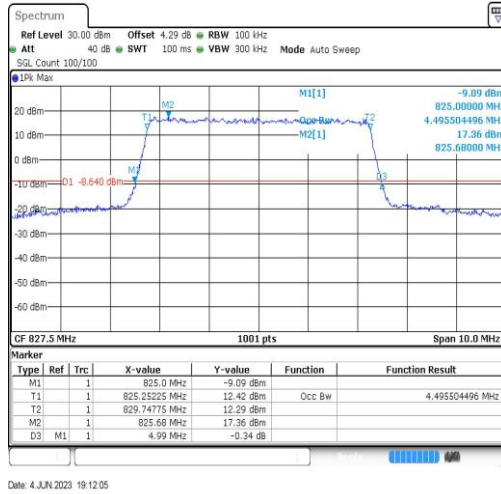


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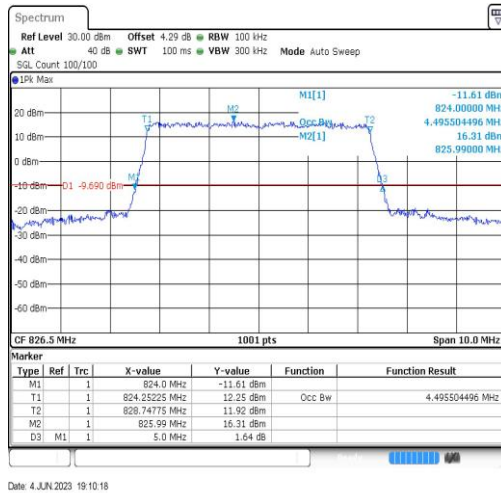
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18(824-830)-5MHz-QPSK-23975-25RB#0

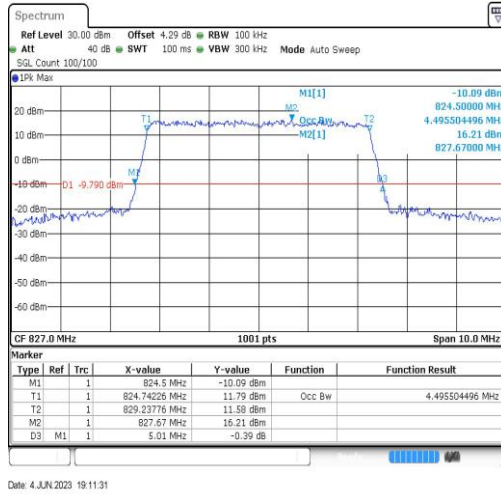


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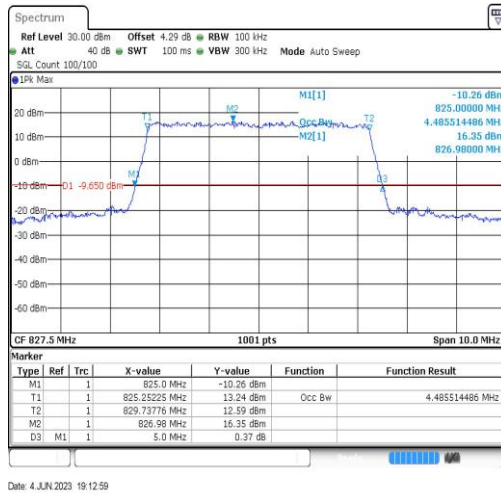
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Date: 4 JUN 2023 19:11:31

18(824-830)-5MHz-16QAM-23970-25RB#0



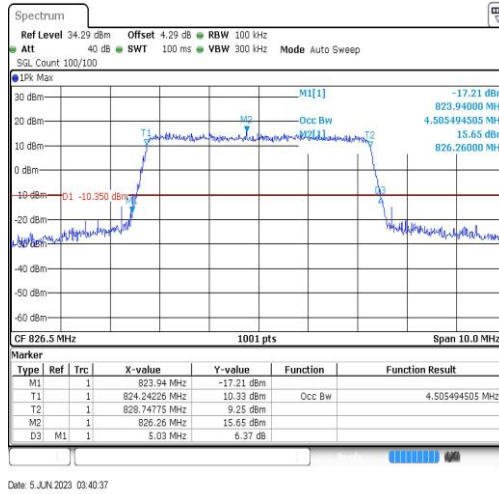
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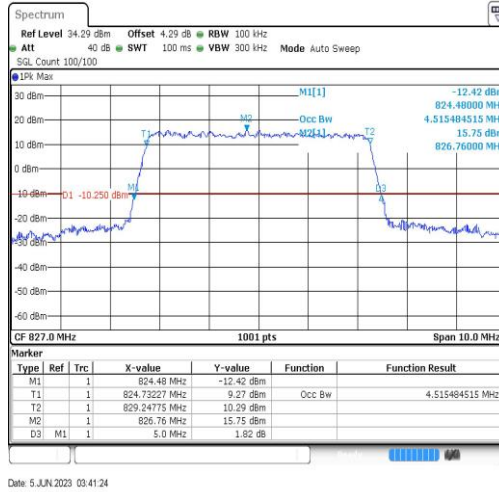


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18(824-830)-5MHz-64QAM-23965-25RB#0

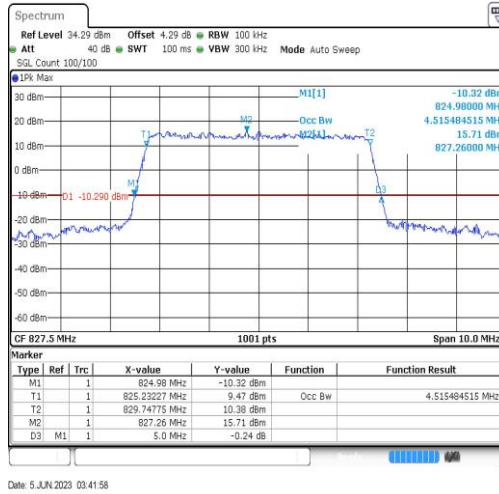


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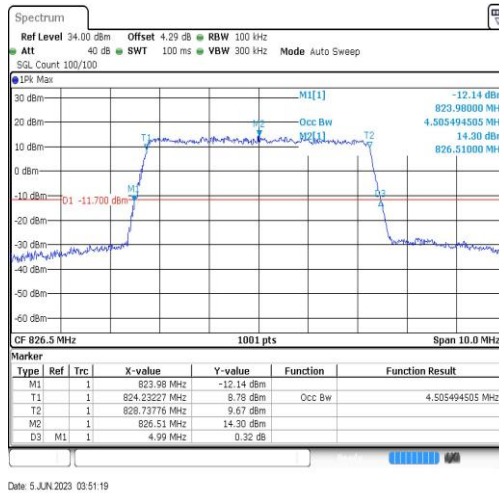


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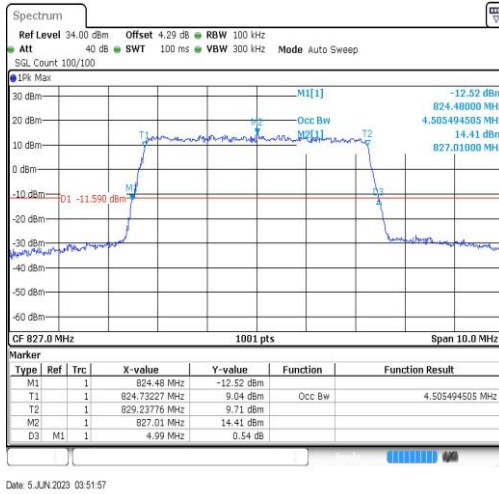


18(824-830)-5MHz-256QAM-23965-25RB#0

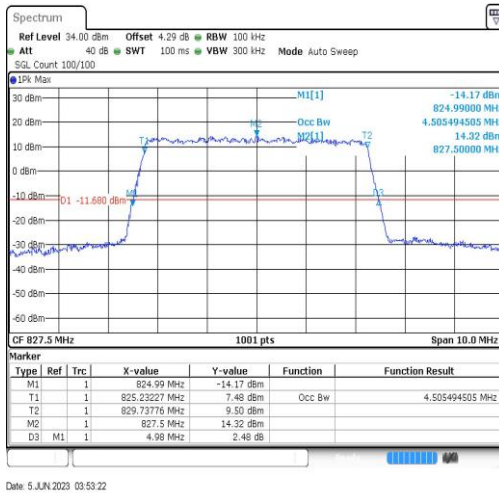


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18(824-830)-5MHz-256QAM-23970-25RB#0



18(824-830)-5MHz-256QAM-23975-25RB#0

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