



# Appendix B.9

## LTE Band 18(824-830)



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## Effective (Isotropic) Radiated Power Output Data

### Test Result

#### Ant31:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
18(824-830)	5MHz	QPSK	23965	1RB#0	23.69	13.04	38.45	PASS
18(824-830)	5MHz	QPSK	23965	1RB#12	24.06	13.41	38.45	PASS
18(824-830)	5MHz	QPSK	23965	1RB#24	23.78	13.13	38.45	PASS
18(824-830)	5MHz	QPSK	23965	25RB#0	22.9	12.25	38.45	PASS
18(824-830)	5MHz	QPSK	23970	1RB#0	23.71	13.06	38.45	PASS
18(824-830)	5MHz	QPSK	23970	1RB#12	24.05	13.4	38.45	PASS
18(824-830)	5MHz	QPSK	23970	1RB#24	23.8	13.15	38.45	PASS
18(824-830)	5MHz	QPSK	23970	25RB#0	22.9	12.25	38.45	PASS
18(824-830)	5MHz	QPSK	23975	1RB#0	23.7	13.05	38.45	PASS
18(824-830)	5MHz	QPSK	23975	1RB#12	24.06	13.41	38.45	PASS
18(824-830)	5MHz	QPSK	23975	1RB#24	23.81	13.16	38.45	PASS
18(824-830)	5MHz	QPSK	23975	25RB#0	22.94	12.29	38.45	PASS
18(824-830)	5MHz	16QAM	23965	1RB#0	22.93	12.28	38.45	PASS
18(824-830)	5MHz	16QAM	23965	1RB#12	23.3	12.65	38.45	PASS
18(824-830)	5MHz	16QAM	23965	1RB#24	22.94	12.29	38.45	PASS
18(824-830)	5MHz	16QAM	23965	25RB#0	21.98	11.33	38.45	PASS
18(824-830)	5MHz	16QAM	23970	1RB#0	22.91	12.26	38.45	PASS
18(824-830)	5MHz	16QAM	23970	1RB#12	23.16	12.51	38.45	PASS
18(824-830)	5MHz	16QAM	23970	1RB#24	23	12.35	38.45	PASS
18(824-830)	5MHz	16QAM	23970	25RB#0	21.97	11.32	38.45	PASS
18(824-830)	5MHz	16QAM	23975	1RB#0	22.86	12.21	38.45	PASS
18(824-830)	5MHz	16QAM	23975	1RB#12	23.23	12.58	38.45	PASS
18(824-830)	5MHz	16QAM	23975	1RB#24	23.03	12.38	38.45	PASS
18(824-830)	5MHz	16QAM	23975	25RB#0	22	11.35	38.45	PASS
18(824-830)	5MHz	64QAM	23965	1RB#0	22.06	11.41	38.45	PASS
18(824-830)	5MHz	64QAM	23965	1RB#12	22.43	11.78	38.45	PASS
18(824-830)	5MHz	64QAM	23965	1RB#24	22.04	11.39	38.45	PASS
18(824-830)	5MHz	64QAM	23965	25RB#0	21.03	10.38	38.45	PASS
18(824-830)	5MHz	64QAM	23970	1RB#0	22.06	11.41	38.45	PASS
18(824-830)	5MHz	64QAM	23970	1RB#12	22.23	11.58	38.45	PASS
18(824-830)	5MHz	64QAM	23970	1RB#24	22.11	11.46	38.45	PASS





18(824-830)	5MHz	64QAM	23970	25RB#0	21.07	10.42	38.45	PASS
18(824-830)	5MHz	64QAM	23975	1RB#0	21.99	11.34	38.45	PASS
18(824-830)	5MHz	64QAM	23975	1RB#12	22.37	11.72	38.45	PASS
18(824-830)	5MHz	64QAM	23975	1RB#24	22.16	11.51	38.45	PASS
18(824-830)	5MHz	64QAM	23975	25RB#0	21.11	10.46	38.45	PASS



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## 26dB Bandwidth and Occupied Bandwidth

### Test Result

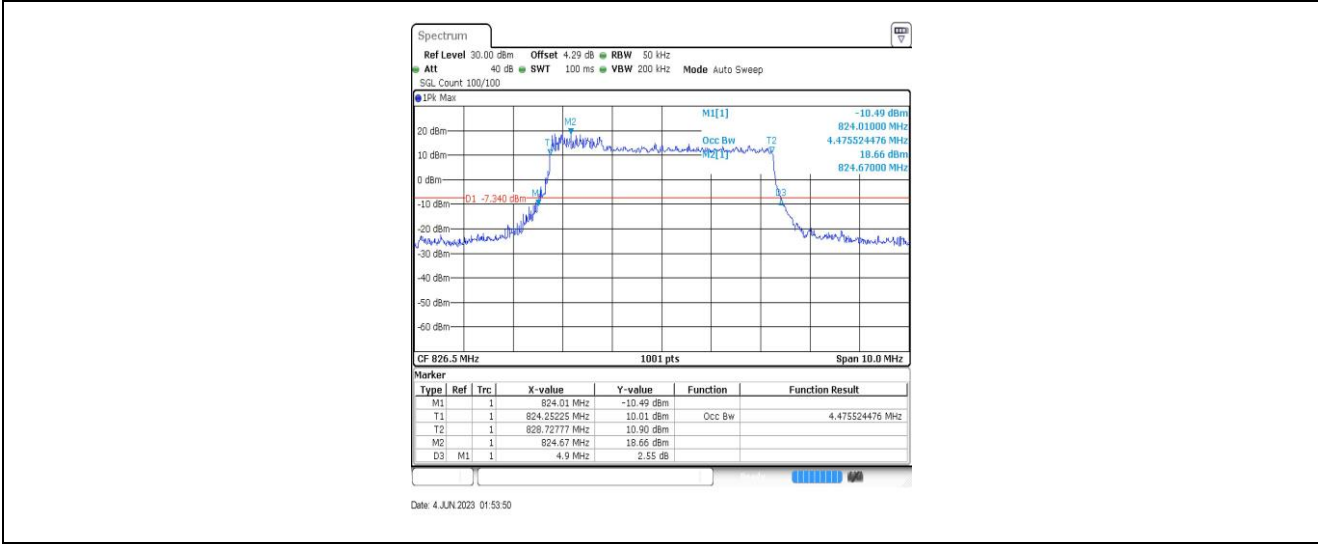
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
18(824-830)	5MHz	QPSK	23965	25RB#0	4.476	4.90	PASS
18(824-830)	5MHz	QPSK	23970	25RB#0	4.476	5.00	PASS
18(824-830)	5MHz	QPSK	23975	25RB#0	4.476	4.97	PASS
18(824-830)	5MHz	16QAM	23965	25RB#0	4.466	5.06	PASS
18(824-830)	5MHz	16QAM	23970	25RB#0	4.466	5.06	PASS
18(824-830)	5MHz	16QAM	23975	25RB#0	4.466	5.09	PASS
18(824-830)	5MHz	64QAM	23965	25RB#0	4.486	5.03	PASS
18(824-830)	5MHz	64QAM	23970	25RB#0	4.486	5.04	PASS
18(824-830)	5MHz	64QAM	23975	25RB#0	4.486	5.00	PASS



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**Test Graphs**



18(824-830)-5MHz-QPSK-23965-25RB#0-4.476



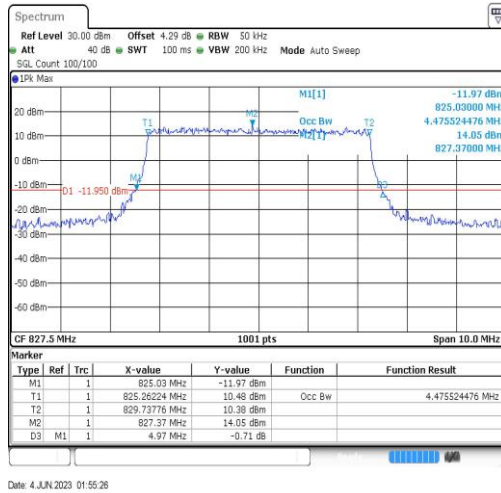
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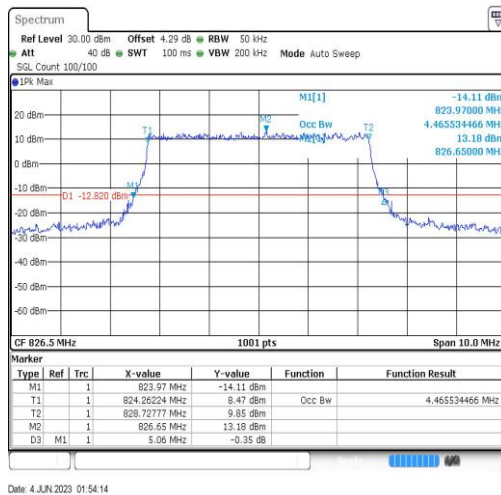
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 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



18(824-830)-5MHz-QPSK-23975-25RB#0-4.476



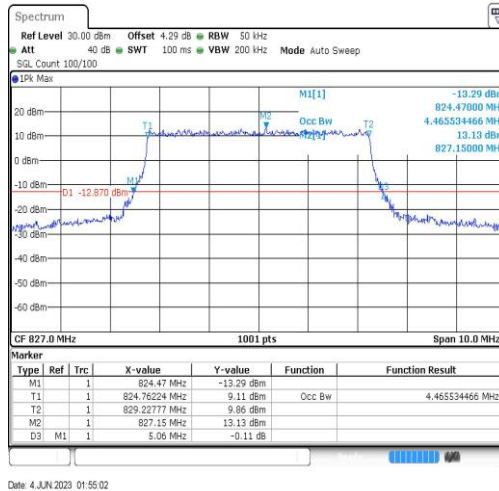
18(824-830)-5MHz-16QAM-23965-25RB#0-4.466



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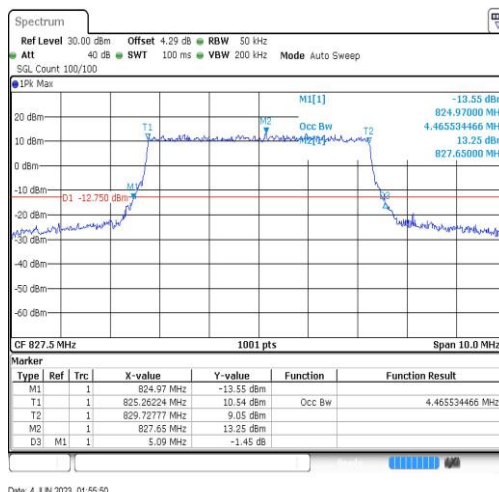
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Date: 4 JUN 2023 01:55:02

18(824-830)-5MHz-16QAM-23970-25RB#0-4.466



Date: 4 JUN 2023 01:55:50

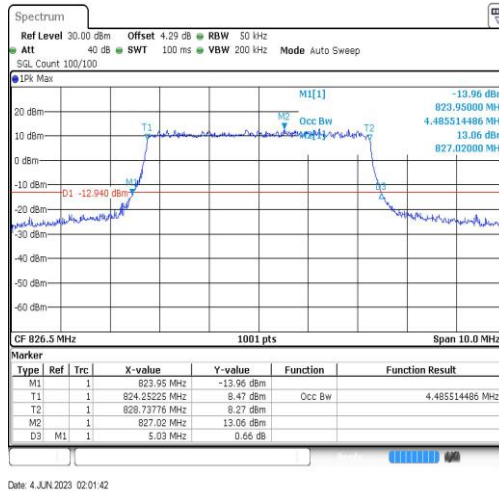
18(824-830)-5MHz-16QAM-23975-25RB#0-4.466



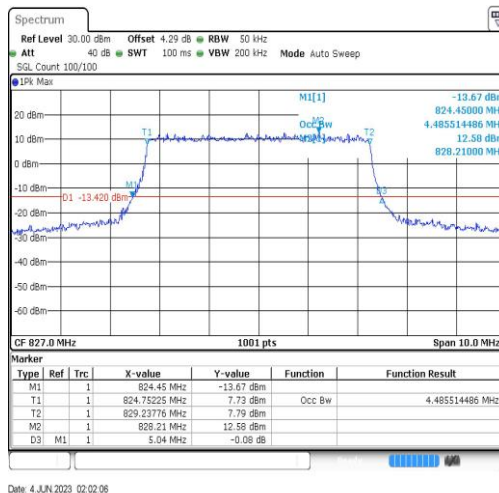
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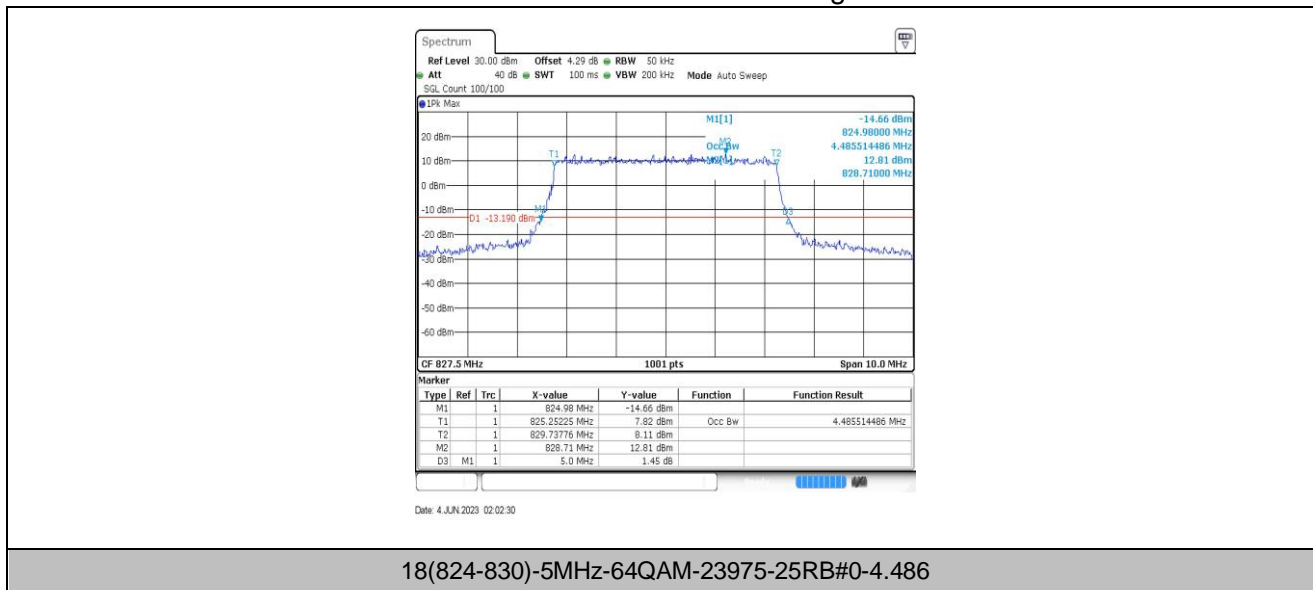
18(824-830)-5MHz-64QAM-23965-25RB#0-4.486



18(824-830)-5MHz-64QAM-23970-25RB#0-4.486







18(824-830)-5MHz-64QAM-23975-25RB#0-4.486

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