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Appendix B.11

LTE Band 18(824-830)



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Effective (Isotropic) Radiated Power Output Data

Test Result

Ant13:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
18(824-830)	5MHz	QPSK	23965	1RB#0	23.59	16.94	38.45	PASS
18(824-830)	5MHz	16QAM	23965	1RB#0	22.80	16.15	38.45	PASS
18(824-830)	5MHz	64QAM	23965	1RB#0	21.65	15.00	38.45	PASS
18(824-830)	5MHz	QPSK	23965	1RB#12	23.53	16.88	38.45	PASS
18(824-830)	5MHz	16QAM	23965	1RB#12	22.74	16.09	38.45	PASS
18(824-830)	5MHz	64QAM	23965	1RB#12	21.56	14.91	38.45	PASS
18(824-830)	5MHz	QPSK	23965	1RB#24	23.55	16.90	38.45	PASS
18(824-830)	5MHz	16QAM	23965	1RB#24	22.61	15.96	38.45	PASS
18(824-830)	5MHz	64QAM	23965	1RB#24	21.23	14.58	38.45	PASS
18(824-830)	5MHz	QPSK	23965	12RB#0	22.55	15.90	38.45	PASS
18(824-830)	5MHz	16QAM	23965	12RB#0	21.70	15.05	38.45	PASS
18(824-830)	5MHz	64QAM	23965	12RB#0	20.56	13.91	38.45	PASS
18(824-830)	5MHz	QPSK	23965	12RB#6	22.49	15.84	38.45	PASS
18(824-830)	5MHz	16QAM	23965	12RB#6	21.60	14.95	38.45	PASS
18(824-830)	5MHz	64QAM	23965	12RB#6	20.32	13.67	38.45	PASS
18(824-830)	5MHz	QPSK	23965	12RB#13	22.39	15.74	38.45	PASS
18(824-830)	5MHz	16QAM	23965	12RB#13	21.56	14.91	38.45	PASS
18(824-830)	5MHz	64QAM	23965	12RB#13	20.21	13.56	38.45	PASS
18(824-830)	5MHz	QPSK	23965	25RB#0	22.51	15.86	38.45	PASS
18(824-830)	5MHz	16QAM	23965	25RB#0	21.69	15.04	38.45	PASS
18(824-830)	5MHz	64QAM	23965	25RB#0	20.42	13.77	38.45	PASS
18(824-830)	5MHz	QPSK	23970	1RB#0	23.65	17.00	38.45	PASS
18(824-830)	5MHz	16QAM	23970	1RB#0	22.84	16.19	38.45	PASS
18(824-830)	5MHz	64QAM	23970	1RB#0	21.63	14.98	38.45	PASS
18(824-830)	5MHz	QPSK	23970	1RB#12	23.58	16.93	38.45	PASS
18(824-830)	5MHz	16QAM	23970	1RB#12	22.77	16.12	38.45	PASS
18(824-830)	5MHz	64QAM	23970	1RB#12	21.29	14.64	38.45	PASS
18(824-830)	5MHz	QPSK	23970	1RB#24	23.54	16.89	38.45	PASS
18(824-830)	5MHz	16QAM	23970	1RB#24	22.73	16.08	38.45	PASS

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18(824-830)	5MHz	64QAM	23970	1RB#24	21.53	14.88	38.45	PASS
18(824-830)	5MHz	QPSK	23970	12RB#0	22.54	15.89	38.45	PASS
18(824-830)	5MHz	16QAM	23970	12RB#0	21.72	15.07	38.45	PASS
18(824-830)	5MHz	64QAM	23970	12RB#0	20.65	14.00	38.45	PASS
18(824-830)	5MHz	QPSK	23970	12RB#6	22.46	15.81	38.45	PASS
18(824-830)	5MHz	16QAM	23970	12RB#6	21.66	15.01	38.45	PASS
18(824-830)	5MHz	64QAM	23970	12RB#6	20.28	13.63	38.45	PASS
18(824-830)	5MHz	QPSK	23970	12RB#13	22.40	15.75	38.45	PASS
18(824-830)	5MHz	16QAM	23970	12RB#13	21.59	14.94	38.45	PASS
18(824-830)	5MHz	64QAM	23970	12RB#13	20.16	13.51	38.45	PASS
18(824-830)	5MHz	QPSK	23970	25RB#0	22.48	15.83	38.45	PASS
18(824-830)	5MHz	16QAM	23970	25RB#0	21.66	15.01	38.45	PASS
18(824-830)	5MHz	64QAM	23970	25RB#0	20.18	13.53	38.45	PASS
18(824-830)	5MHz	QPSK	23975	1RB#0	23.62	16.97	38.45	PASS
18(824-830)	5MHz	16QAM	23975	1RB#0	22.85	16.20	38.45	PASS
18(824-830)	5MHz	64QAM	23975	1RB#0	20.35	13.70	38.45	PASS
18(824-830)	5MHz	QPSK	23975	1RB#12	23.54	16.89	38.45	PASS
18(824-830)	5MHz	16QAM	23975	1RB#12	22.78	16.13	38.45	PASS
18(824-830)	5MHz	64QAM	23975	1RB#12	21.42	14.77	38.45	PASS
18(824-830)	5MHz	QPSK	23975	1RB#24	23.54	16.89	38.45	PASS
18(824-830)	5MHz	16QAM	23975	1RB#24	22.70	16.05	38.45	PASS
18(824-830)	5MHz	64QAM	23975	1RB#24	21.53	14.88	38.45	PASS
18(824-830)	5MHz	QPSK	23975	12RB#0	22.54	15.89	38.45	PASS
18(824-830)	5MHz	16QAM	23975	12RB#0	21.70	15.05	38.45	PASS
18(824-830)	5MHz	64QAM	23975	12RB#0	20.32	13.67	38.45	PASS
18(824-830)	5MHz	QPSK	23975	12RB#6	22.44	15.79	38.45	PASS
18(824-830)	5MHz	16QAM	23975	12RB#6	21.58	14.93	38.45	PASS
18(824-830)	5MHz	64QAM	23975	12RB#6	20.42	13.77	38.45	PASS
18(824-830)	5MHz	QPSK	23975	12RB#13	22.42	15.77	38.45	PASS
18(824-830)	5MHz	16QAM	23975	12RB#13	21.60	14.95	38.45	PASS
18(824-830)	5MHz	64QAM	23975	12RB#13	20.22	13.57	38.45	PASS
18(824-830)	5MHz	QPSK	23975	25RB#0	22.53	15.88	38.45	PASS
18(824-830)	5MHz	16QAM	23975	25RB#0	21.68	15.03	38.45	PASS
18(824-830)	5MHz	64QAM	23975	25RB#0	20.33	13.68	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	4.489	4.98	PASS
18(824-830)	5MHz	16QAM	23965	25RB#0	4.487	5.00	PASS
18(824-830)	5MHz	64QAM	23965	25RB#0	4.488	4.99	PASS
18(824-830)	5MHz	QPSK	23970	25RB#0	4.488	4.98	PASS
18(824-830)	5MHz	16QAM	23970	25RB#0	4.488	5.00	PASS
18(824-830)	5MHz	64QAM	23970	25RB#0	4.489	5.00	PASS
18(824-830)	5MHz	QPSK	23975	25RB#0	4.489	4.96	PASS
18(824-830)	5MHz	16QAM	23975	25RB#0	4.486	4.98	PASS
18(824-830)	5MHz	64QAM	23975	25RB#0	4.487	5.00	PASS

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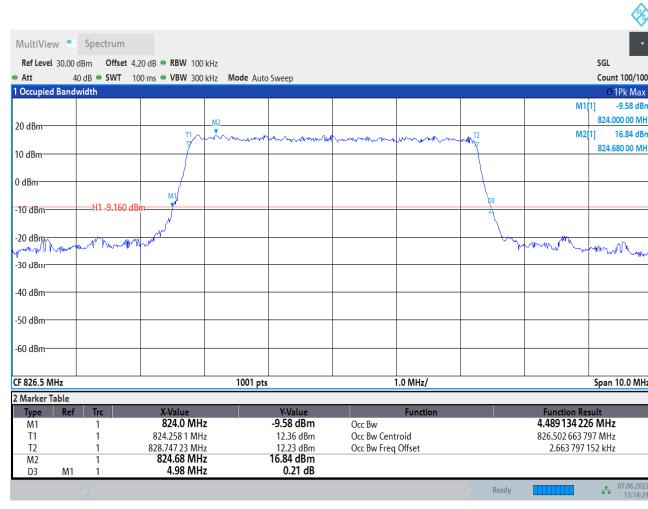
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Test Graphs

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



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



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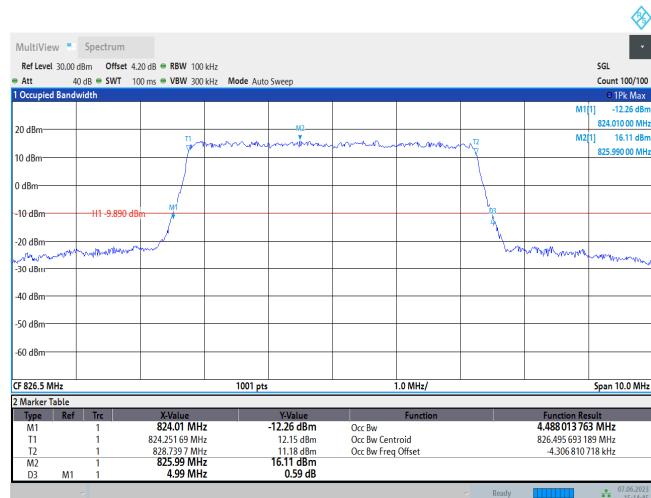
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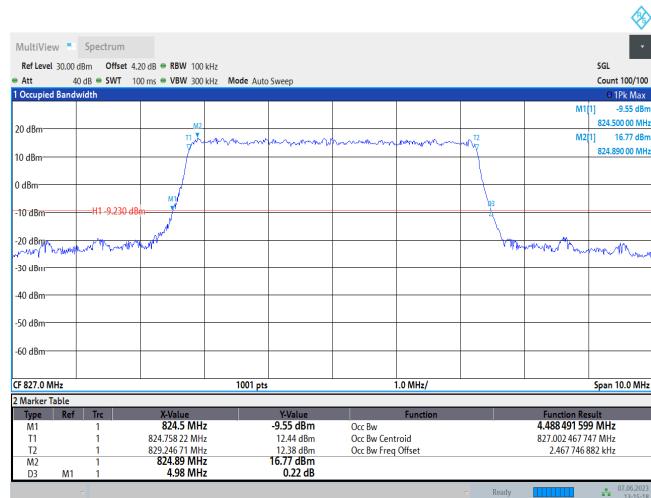
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18(824-830)-5MHz-64QAM-23965-25RB#0



15:14:45 07.06.2023

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



13:15:19 07.06.2023

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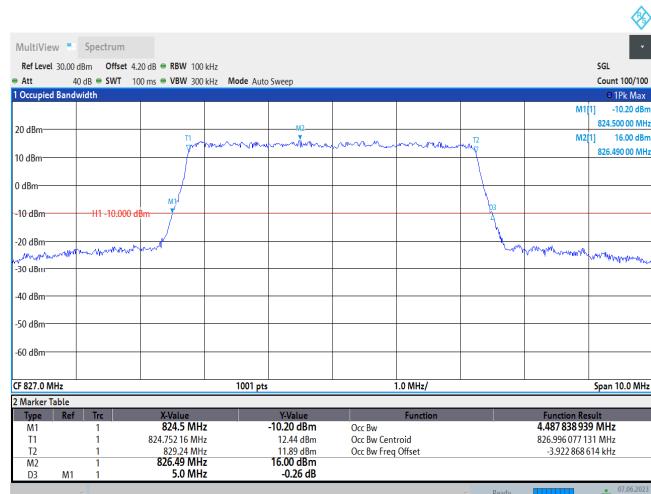
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18(824-830)-5MHz-16QAM-23970-25RB#0



13:15:44 07.06.2023

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



15:15:11 07.06.2023

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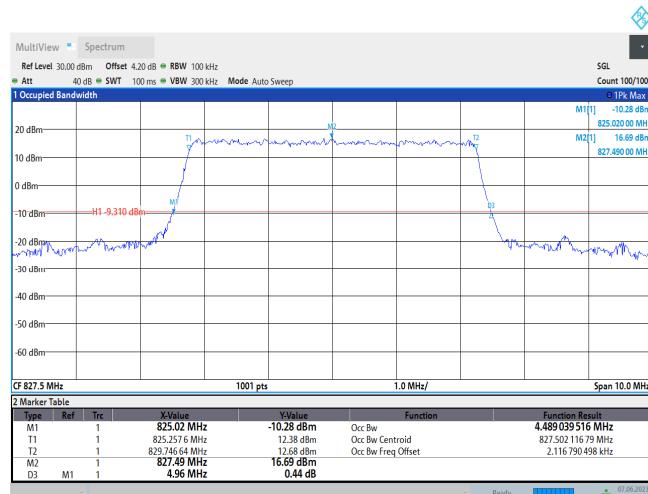
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18(824-830)-5MHz-QPSK-23975-25RB#0



13:16:13 07.06.2023

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



13:16:39 07.06.2023

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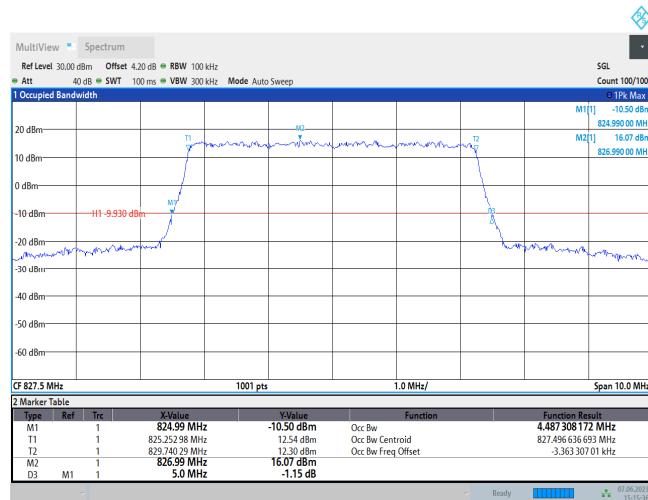
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18(824-830)-5MHz-64QAM-23975-25RB#0



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