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# Appendix B.8

## LTE Band 14

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## Effective (Isotropic) Radiated Power Output Data

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band14	5MHz	QPSK	23305	1RB#0	24.65	24.92	34.77	PASS
Band14	5MHz	QPSK	23305	1RB#12	24.53	24.8	34.77	PASS
Band14	5MHz	QPSK	23305	1RB#24	24.52	24.79	34.77	PASS
Band14	5MHz	QPSK	23305	25RB#0	24.06	24.33	34.77	PASS
Band14	5MHz	QPSK	23330	1RB#0	24.51	23.83	34.77	PASS
Band14	5MHz	QPSK	23330	1RB#12	24.78	25.05	34.77	PASS
Band14	5MHz	QPSK	23330	1RB#24	24.51	24.78	34.77	PASS
Band14	5MHz	QPSK	23330	25RB#0	23.96	24.23	34.77	PASS
Band14	5MHz	QPSK	23355	1RB#0	24.44	22.61	34.77	PASS
Band14	5MHz	QPSK	23355	1RB#12	24.62	24.89	34.77	PASS
Band14	5MHz	QPSK	23355	1RB#24	24.45	24.72	34.77	PASS
Band14	5MHz	QPSK	23355	25RB#0	23.99	24.26	34.77	PASS
Band14	5MHz	16QAM	23305	1RB#0	24.32	24.59	34.77	PASS
Band14	5MHz	16QAM	23305	1RB#12	24.28	24.55	34.77	PASS
Band14	5MHz	16QAM	23305	1RB#24	24.02	24.29	34.77	PASS
Band14	5MHz	16QAM	23305	25RB#0	23.08	23.35	34.77	PASS
Band14	5MHz	16QAM	23330	1RB#0	23.98	24.25	34.77	PASS
Band14	5MHz	16QAM	23330	1RB#12	24.18	24.45	34.77	PASS
Band14	5MHz	16QAM	23330	1RB#24	23.98	24.25	34.77	PASS
Band14	5MHz	16QAM	23330	25RB#0	22.95	23.22	34.77	PASS
Band14	5MHz	16QAM	23355	1RB#0	24.1	24.37	34.77	PASS
Band14	5MHz	16QAM	23355	1RB#12	24.13	24.4	34.77	PASS
Band14	5MHz	16QAM	23355	1RB#24	23.92	24.19	34.77	PASS
Band14	5MHz	16QAM	23355	25RB#0	22.93	23.2	34.77	PASS
Band14	5MHz	64QAM	23305	1RB#0	23.53	23.8	34.77	PASS
Band14	5MHz	64QAM	23305	1RB#12	23.4	23.67	34.77	PASS
Band14	5MHz	64QAM	23305	1RB#24	23.1	23.37	34.77	PASS

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Band14	5MHz	64QAM	23305	25RB#0	22.08	22.35	34.77	PASS
Band14	5MHz	64QAM	23330	1RB#0	23.23	23.5	34.77	PASS
Band14	5MHz	64QAM	23330	1RB#12	23.23	23.5	34.77	PASS
Band14	5MHz	64QAM	23330	1RB#24	23.05	23.32	34.77	PASS
Band14	5MHz	64QAM	23330	25RB#0	22.06	22.33	34.77	PASS
Band14	5MHz	64QAM	23355	1RB#0	23.21	23.48	34.77	PASS
Band14	5MHz	64QAM	23355	1RB#12	23.18	23.45	34.77	PASS
Band14	5MHz	64QAM	23355	1RB#24	23.15	23.42	34.77	PASS
Band14	5MHz	64QAM	23355	25RB#0	21.93	22.2	34.77	PASS
Band14	5MHz	256QAM	23305	1RB#0	20.1	20.37	34.77	PASS
Band14	5MHz	256QAM	23305	1RB#12	20.24	20.51	34.77	PASS
Band14	5MHz	256QAM	23305	1RB#24	20.02	20.29	34.77	PASS
Band14	5MHz	256QAM	23305	25RB#0	20.14	20.41	34.77	PASS
Band14	5MHz	256QAM	23330	1RB#0	20.09	20.36	34.77	PASS
Band14	5MHz	256QAM	23330	1RB#12	20.25	20.52	34.77	PASS
Band14	5MHz	256QAM	23330	1RB#24	20.07	20.34	34.77	PASS
Band14	5MHz	256QAM	23330	25RB#0	20.01	20.28	34.77	PASS
Band14	5MHz	256QAM	23355	1RB#0	20.05	20.32	34.77	PASS
Band14	5MHz	256QAM	23355	1RB#12	20.12	20.39	34.77	PASS
Band14	5MHz	256QAM	23355	1RB#24	20.15	20.42	34.77	PASS
Band14	5MHz	256QAM	23355	25RB#0	19.93	20.2	34.77	PASS
Band14	10MHz	QPSK	23330	1RB#0	24.63	24.9	34.77	PASS
Band14	10MHz	QPSK	23330	1RB#24	24.65	24.92	34.77	PASS
Band14	10MHz	QPSK	23330	1RB#49	24.49	24.76	34.77	PASS
Band14	10MHz	QPSK	23330	50RB#0	23.99	24.26	34.77	PASS
Band14	10MHz	16QAM	23330	1RB#0	24.12	24.39	34.77	PASS
Band14	10MHz	16QAM	23330	1RB#24	24.05	24.32	34.77	PASS
Band14	10MHz	16QAM	23330	1RB#49	24.34	24.61	34.77	PASS
Band14	10MHz	16QAM	23330	50RB#0	23.01	23.28	34.77	PASS
Band14	10MHz	64QAM	23330	1RB#0	23.07	23.34	34.77	PASS
Band14	10MHz	64QAM	23330	1RB#24	23.31	23.58	34.77	PASS
Band14	10MHz	64QAM	23330	1RB#49	23.01	23.28	34.77	PASS
Band14	10MHz	64QAM	23330	50RB#0	21.99	22.26	34.77	PASS

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Band14	10MHz	256QAM	23330	1RB#0	20.08	20.35	34.77	PASS
Band14	10MHz	256QAM	23330	1RB#24	20.16	20.43	34.77	PASS
Band14	10MHz	256QAM	23330	1RB#49	20.12	20.39	34.77	PASS
Band14	10MHz	256QAM	23330	50RB#0	19.97	20.24	34.77	PASS



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## Peak-to-Average Ratio(CCDF)

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band14	10MHz	QPSK	23330	50RB#0	4.58	13	PASS
Band14	10MHz	16QAM	23330	50RB#0	5.62	13	PASS
Band14	10MHz	64QAM	23330	50RB#0	6.14	13	PASS
Band14	10MHz	256QAM	23330	50RB#0	6.50	13	PASS



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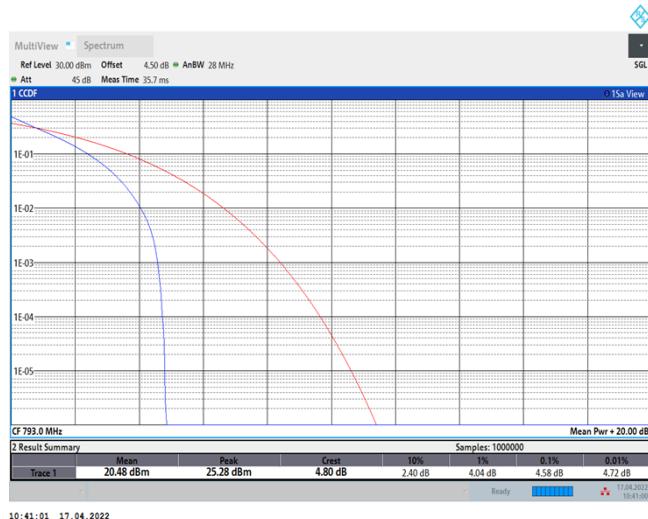
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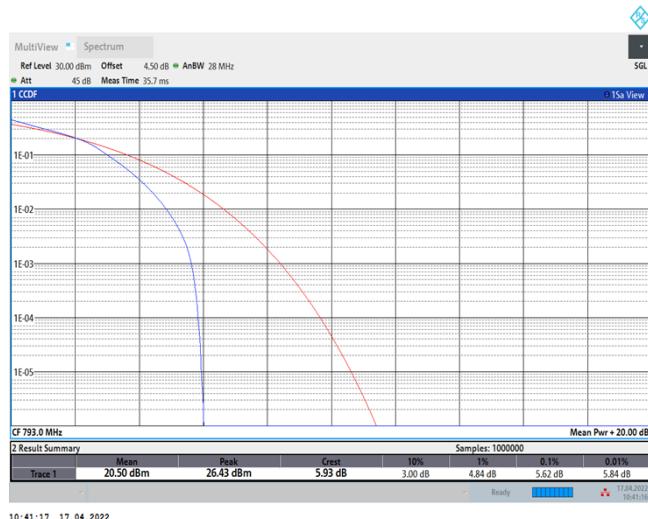
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## Test Graphs

### Band14-10MHz-QPSK-23330-50RB#0



### Band14-10MHz-16QAM-23330-50RB#0



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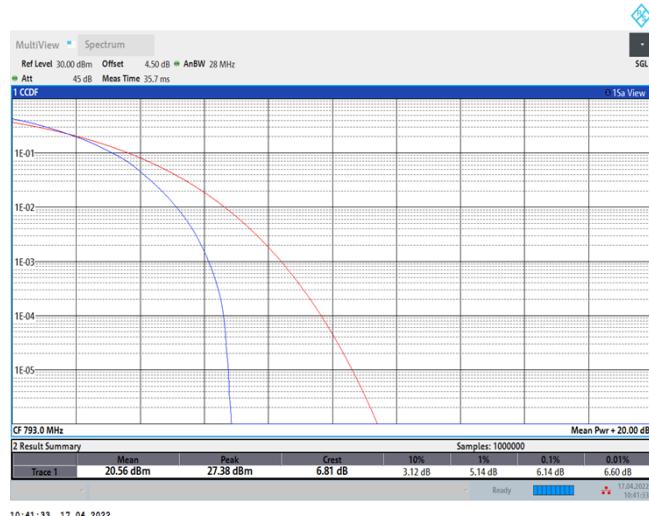


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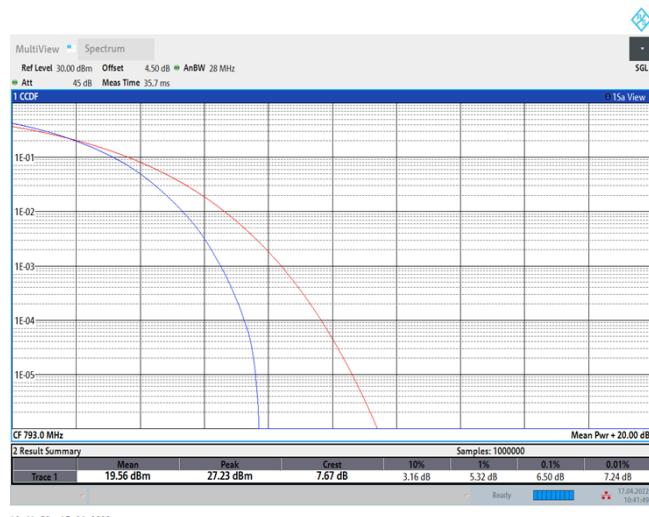
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### Band14-10MHz-64QAM-23330-50RB#0



### Band14-10MHz-256QAM-23330-50RB#0



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## Modulation Characteristics

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band14	10MHz	QPSK	23330	50RB#0	PASS	PASS
Band14	10MHz	16QAM	23330	50RB#0	PASS	PASS
Band14	10MHz	64QAM	23330	50RB#0	PASS	PASS
Band14	10MHz	256QAM	23330	50RB#0	PASS	PASS



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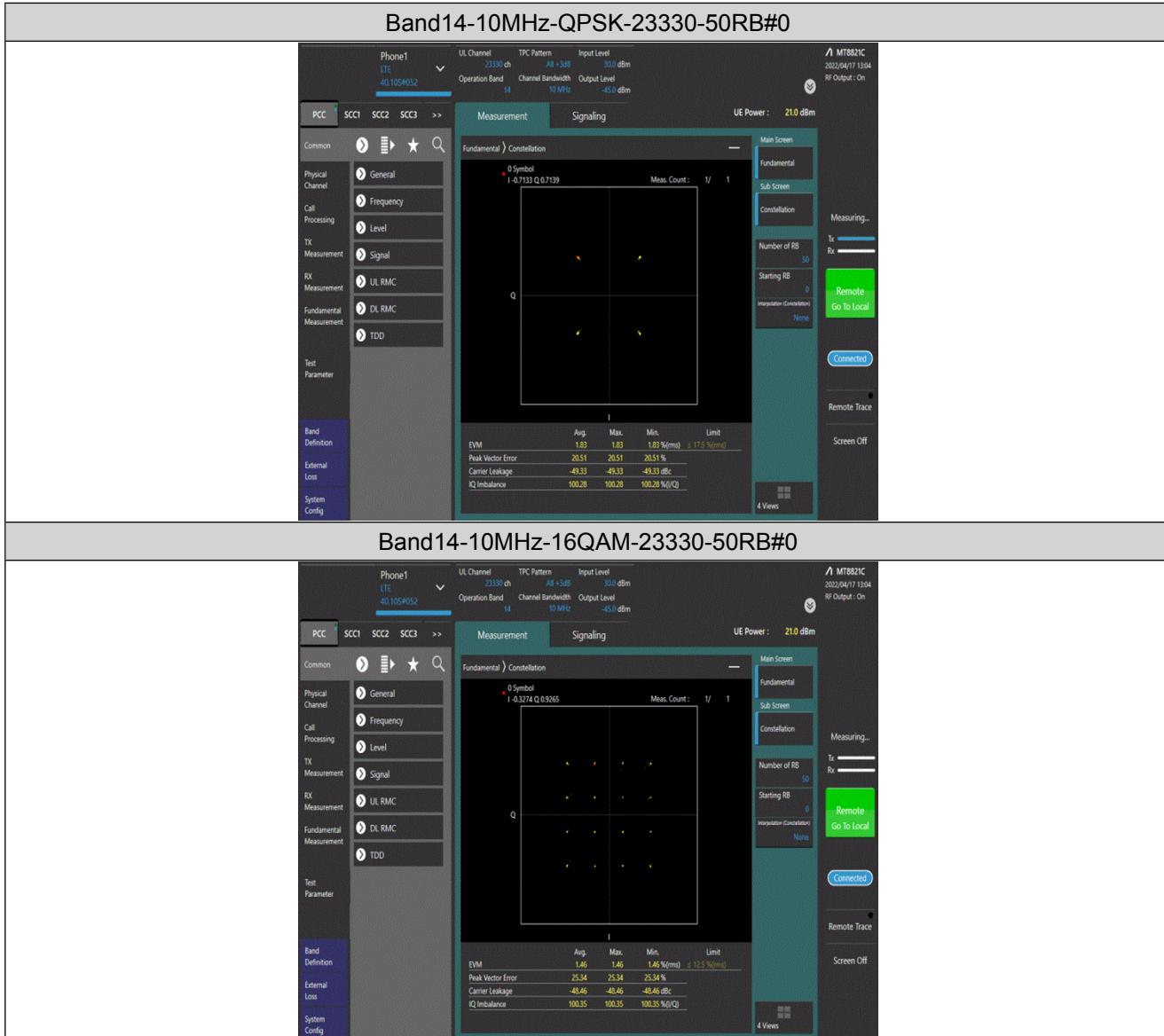
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## Test Graphs

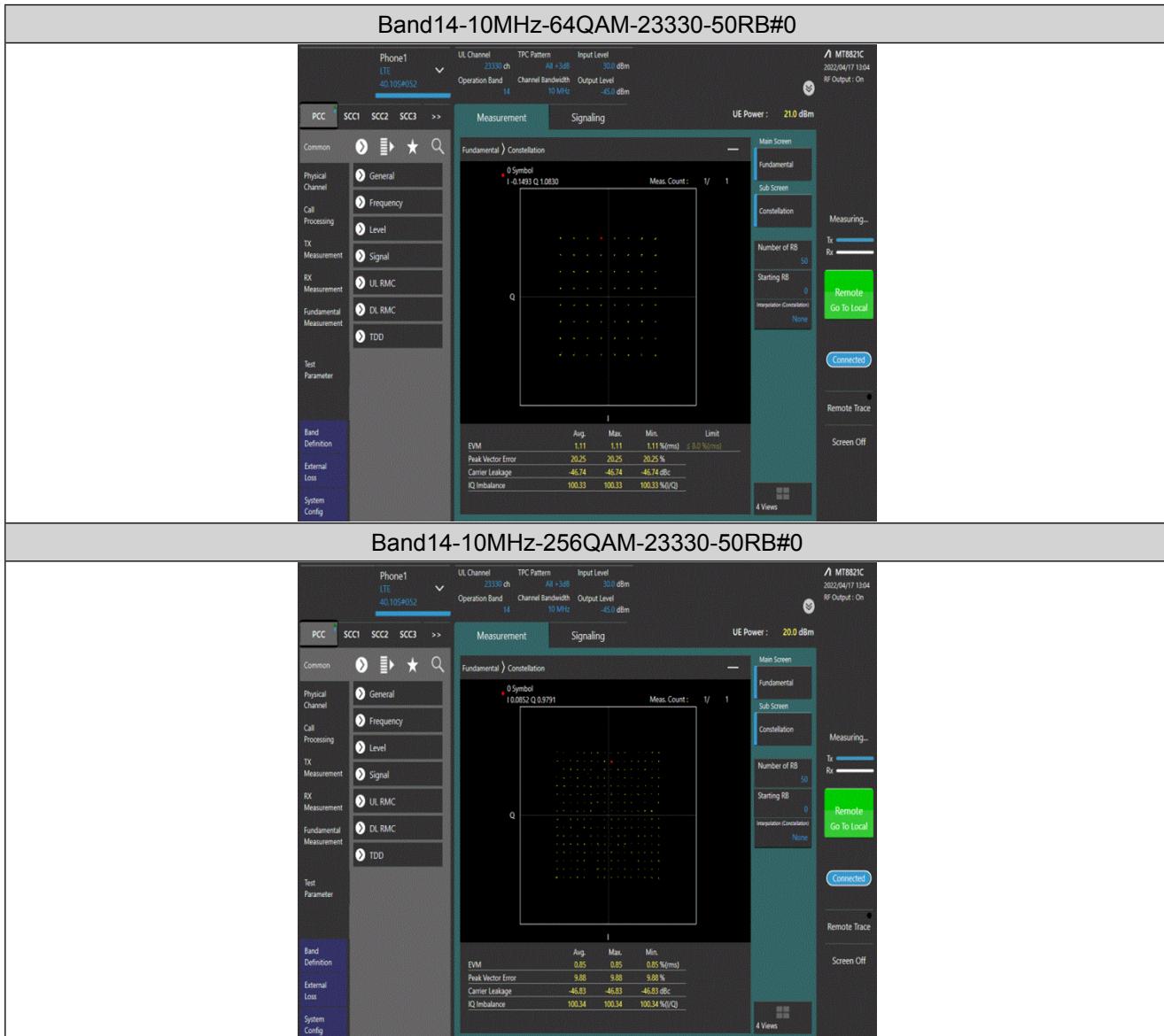


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## 26dB Bandwidth and Occupied Bandwidth

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band14	5MHz	QPSK	23305	25RB#0	4.476	5.08	PASS
Band14	5MHz	QPSK	23330	25RB#0	4.478	5.06	PASS
Band14	5MHz	QPSK	23355	25RB#0	4.478	5.05	PASS
Band14	5MHz	16QAM	23305	25RB#0	4.48	5.03	PASS
Band14	5MHz	16QAM	23330	25RB#0	4.478	5.02	PASS
Band14	5MHz	16QAM	23355	25RB#0	4.474	5.07	PASS
Band14	5MHz	64QAM	23305	25RB#0	4.482	5.03	PASS
Band14	5MHz	64QAM	23330	25RB#0	4.481	5.04	PASS
Band14	5MHz	64QAM	23355	25RB#0	4.474	5.05	PASS
Band14	5MHz	256QAM	23305	25RB#0	4.475	5.01	PASS
Band14	5MHz	256QAM	23330	25RB#0	4.476	5.03	PASS
Band14	5MHz	256QAM	23355	25RB#0	4.476	5.05	PASS
Band14	10MHz	QPSK	23330	50RB#0	8.928	9.87	PASS
Band14	10MHz	16QAM	23330	50RB#0	8.938	9.93	PASS
Band14	10MHz	64QAM	23330	50RB#0	8.938	9.90	PASS
Band14	10MHz	256QAM	23330	50RB#0	8.941	9.93	PASS



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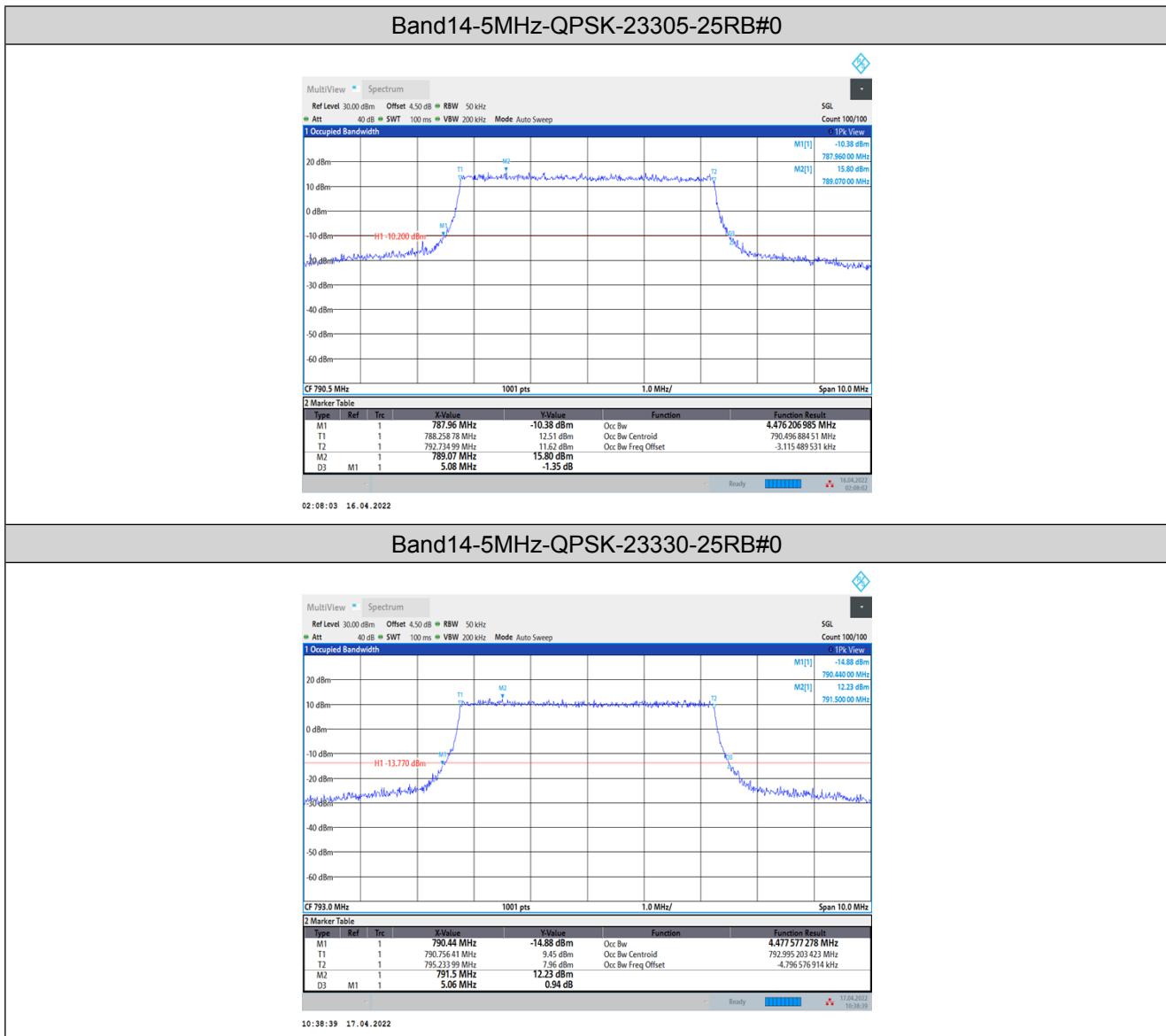
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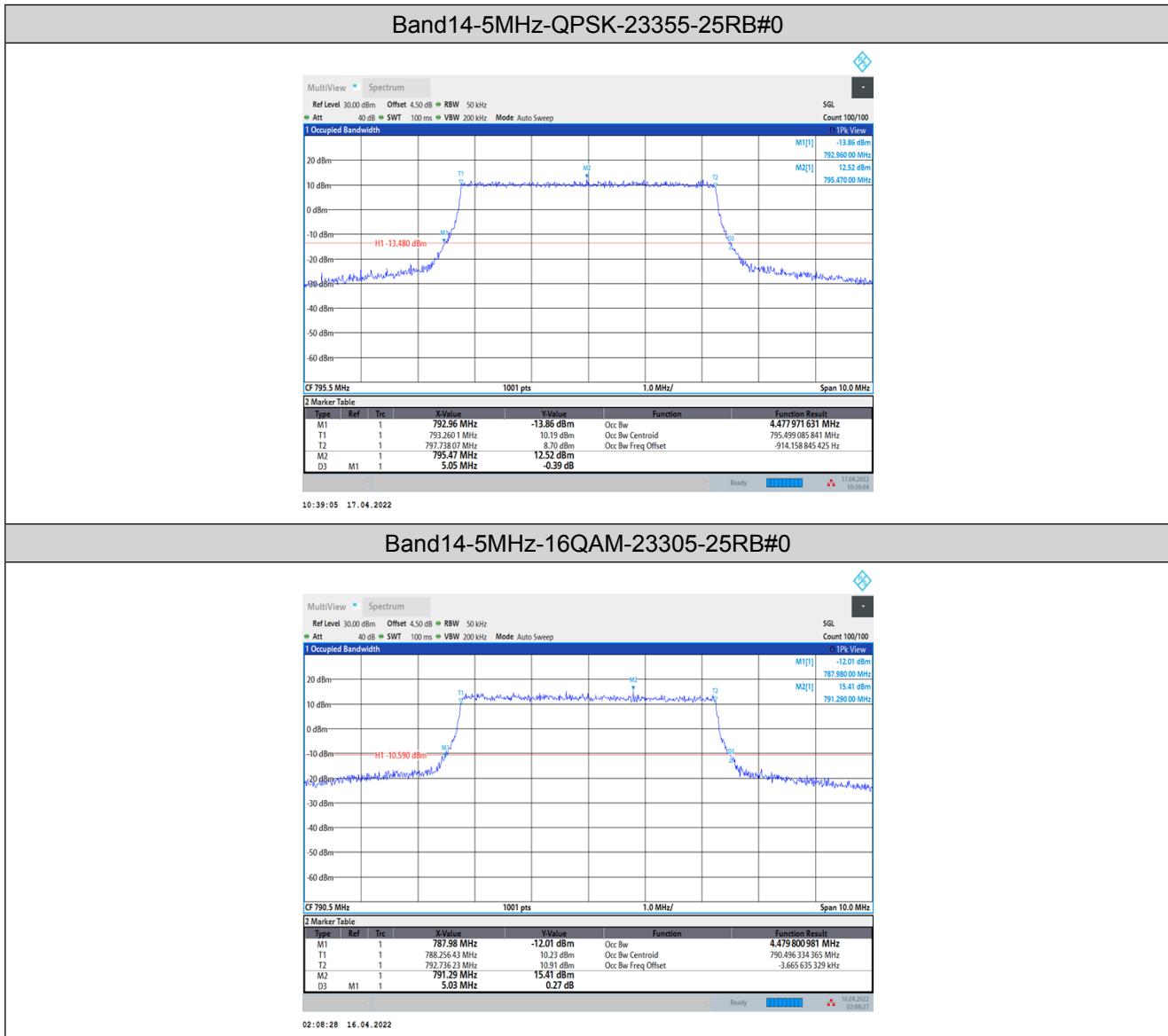
## Test Graphs



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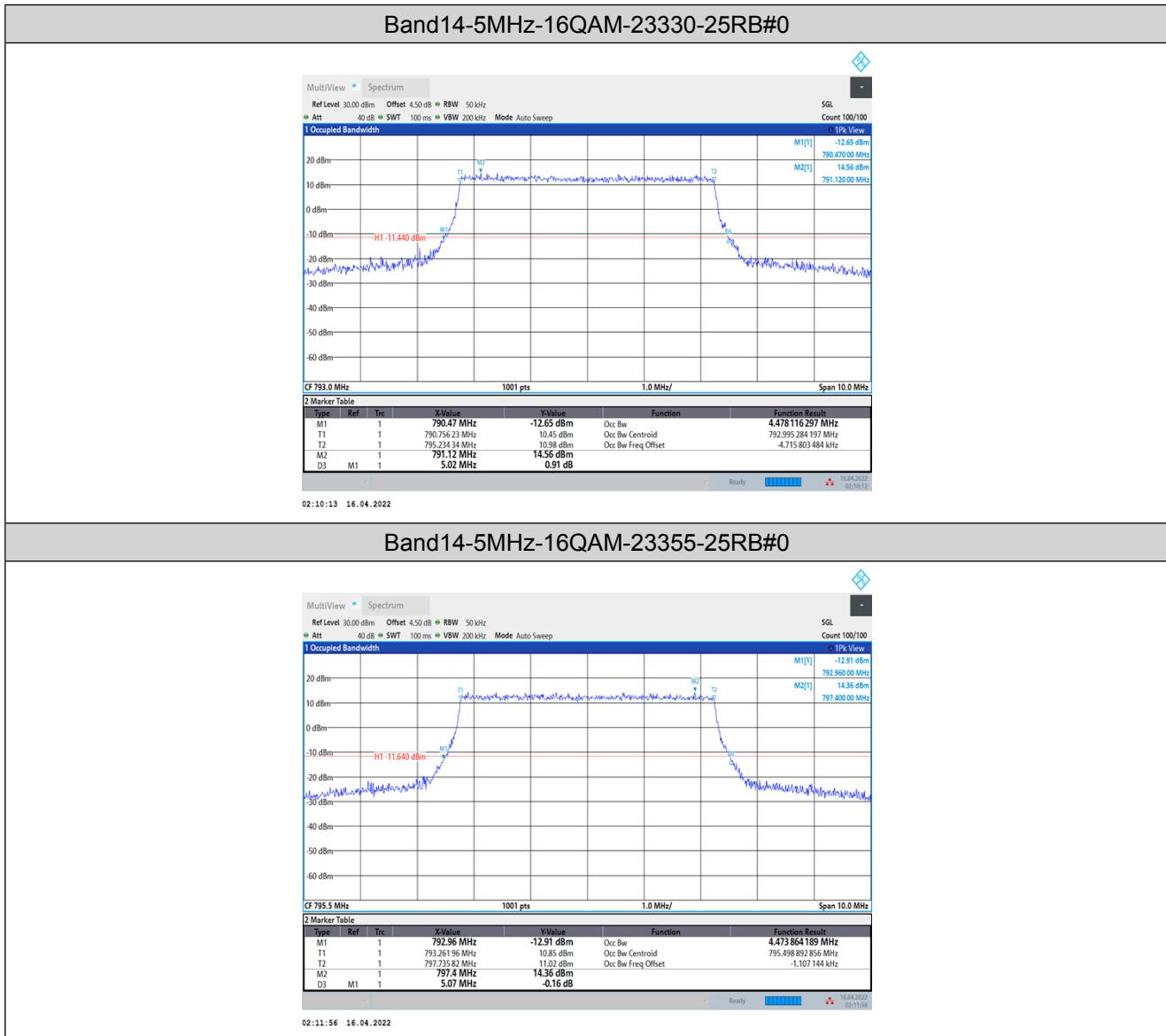


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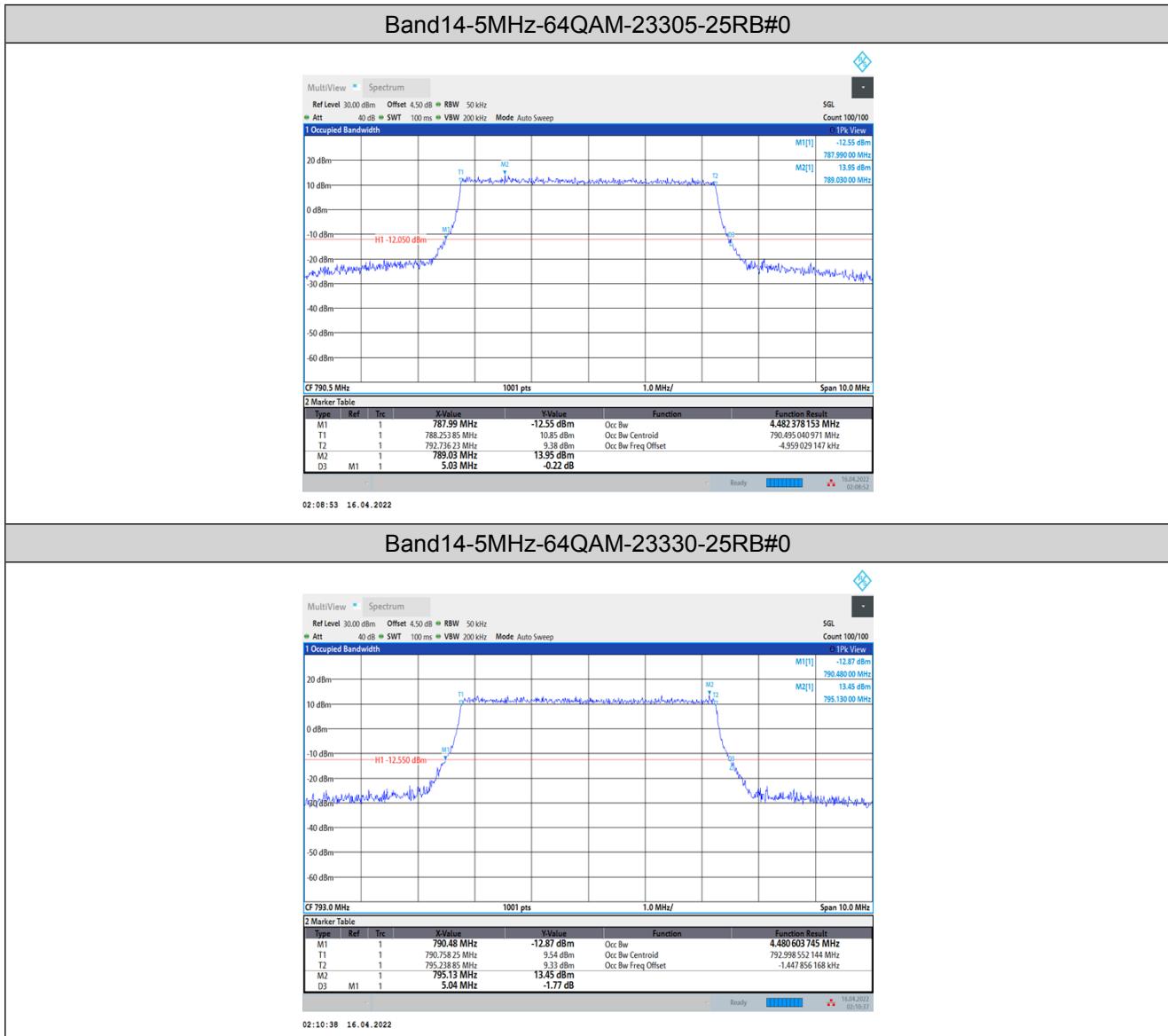
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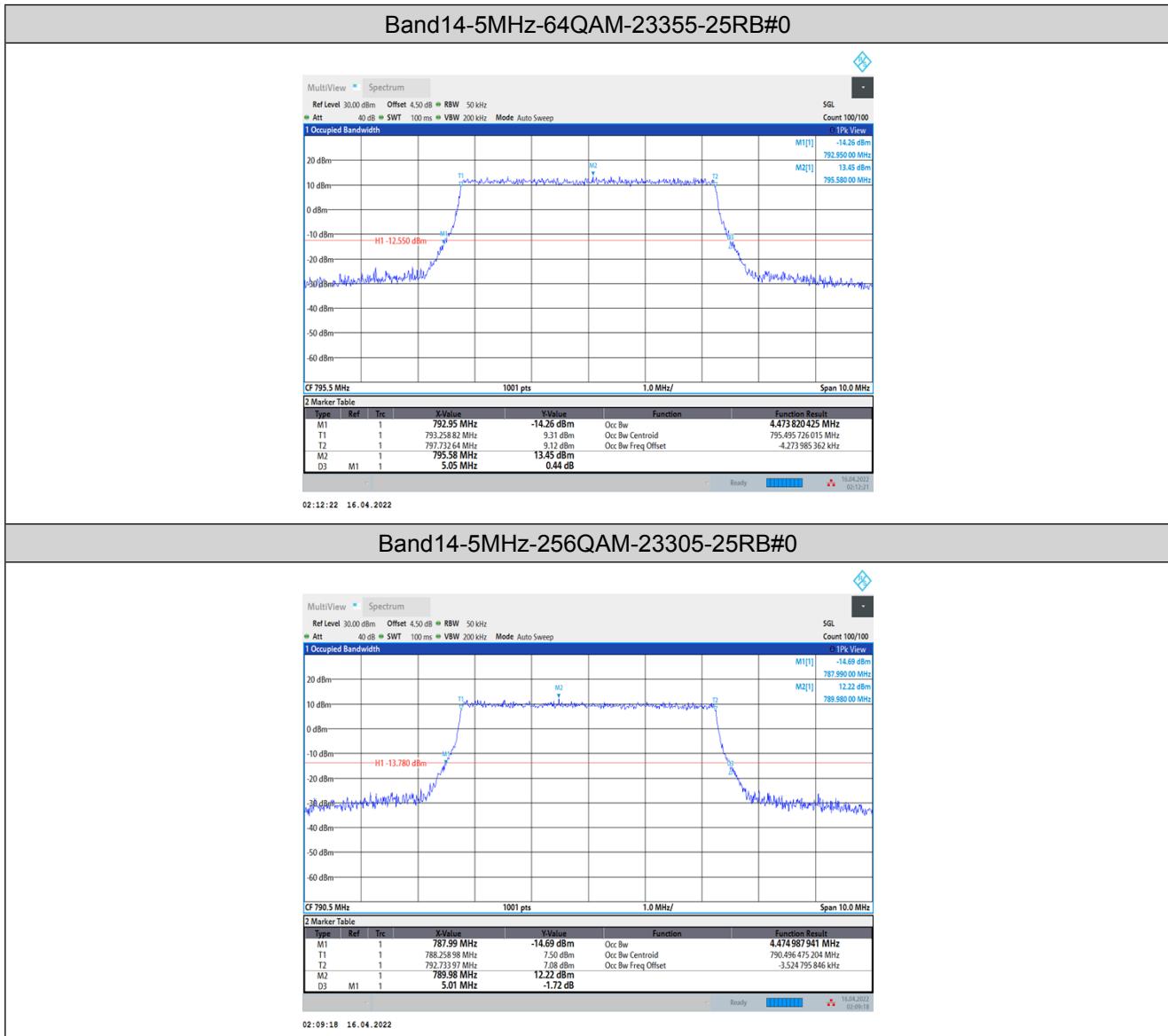
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