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Appendix B.7

LTE Band 13

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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
Band13	5MHz	QPSK	23205	1RB#0	23.93	23.32	34.77	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.92	23.31	34.77	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.74	23.13	34.77	PASS
Band13	5MHz	QPSK	23205	25RB#0	23.00	22.39	34.77	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.98	23.37	34.77	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.84	23.23	34.77	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.83	23.22	34.77	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.94	22.33	34.77	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.79	23.18	34.77	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.91	23.3	34.77	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.94	23.33	34.77	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.83	22.22	34.77	PASS
Band13	5MHz	16QAM	23205	1RB#0	23.01	22.4	34.77	PASS
Band13	5MHz	16QAM	23205	1RB#12	23.04	22.43	34.77	PASS
Band13	5MHz	16QAM	23205	1RB#24	23.19	22.58	34.77	PASS
Band13	5MHz	16QAM	23205	25RB#0	21.95	21.34	34.77	PASS
Band13	5MHz	16QAM	23230	1RB#0	23.14	22.53	34.77	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.93	22.32	34.77	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.92	22.31	34.77	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.96	21.35	34.77	PASS
Band13	5MHz	16QAM	23255	1RB#0	23.05	22.44	34.77	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.94	22.33	34.77	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.99	22.38	34.77	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.88	21.27	34.77	PASS
Band13	5MHz	64QAM	23205	1RB#0	22.14	21.53	34.77	PASS
Band13	5MHz	64QAM	23205	1RB#12	22.24	21.63	34.77	PASS
Band13	5MHz	64QAM	23205	1RB#24	22.12	21.51	34.77	PASS

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Band13	5MHz	64QAM	23205	25RB#0	21.01	20.4	34.77	PASS
Band13	5MHz	64QAM	23230	1RB#0	22.32	21.71	34.77	PASS
Band13	5MHz	64QAM	23230	1RB#12	22.20	21.59	34.77	PASS
Band13	5MHz	64QAM	23230	1RB#24	21.89	21.28	34.77	PASS
Band13	5MHz	64QAM	23230	25RB#0	20.93	20.32	34.77	PASS
Band13	5MHz	64QAM	23255	1RB#0	22.11	21.5	34.77	PASS
Band13	5MHz	64QAM	23255	1RB#12	22.11	21.5	34.77	PASS
Band13	5MHz	64QAM	23255	1RB#24	22.04	21.43	34.77	PASS
Band13	5MHz	64QAM	23255	25RB#0	20.87	20.26	34.77	PASS
Band13	5MHz	256QAM	23205	1RB#0	18.79	18.18	34.77	PASS
Band13	5MHz	256QAM	23205	1RB#12	19.13	18.52	34.77	PASS
Band13	5MHz	256QAM	23205	1RB#24	18.94	18.33	34.77	PASS
Band13	5MHz	256QAM	23205	25RB#0	18.93	18.32	34.77	PASS
Band13	5MHz	256QAM	23230	1RB#0	18.95	18.34	34.77	PASS
Band13	5MHz	256QAM	23230	1RB#12	19.07	18.46	34.77	PASS
Band13	5MHz	256QAM	23230	1RB#24	19.01	18.4	34.77	PASS
Band13	5MHz	256QAM	23230	25RB#0	18.93	18.32	34.77	PASS
Band13	5MHz	256QAM	23255	1RB#0	18.85	18.24	34.77	PASS
Band13	5MHz	256QAM	23255	1RB#12	18.99	18.38	34.77	PASS
Band13	5MHz	256QAM	23255	1RB#24	19.07	18.46	34.77	PASS
Band13	5MHz	256QAM	23255	25RB#0	18.77	18.16	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.90	23.29	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.98	23.37	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.85	23.24	34.77	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.92	22.31	34.77	PASS
Band13	10MHz	16QAM	23230	1RB#0	23.00	22.39	34.77	PASS
Band13	10MHz	16QAM	23230	1RB#24	23.07	22.46	34.77	PASS
Band13	10MHz	16QAM	23230	1RB#49	23.06	22.45	34.77	PASS
Band13	10MHz	16QAM	23230	50RB#0	22.14	21.53	34.77	PASS
Band13	10MHz	64QAM	23230	1RB#0	22.06	21.45	34.77	PASS
Band13	10MHz	64QAM	23230	1RB#24	22.13	21.52	34.77	PASS
Band13	10MHz	64QAM	23230	1RB#49	22.04	21.43	34.77	PASS
Band13	10MHz	64QAM	23230	50RB#0	21.06	20.45	34.77	PASS

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Band13	10MHz	256QAM	23230	1RB#0	18.93	18.32	34.77	PASS
Band13	10MHz	256QAM	23230	1RB#24	19.07	18.46	34.77	PASS
Band13	10MHz	256QAM	23230	1RB#49	18.87	18.26	34.77	PASS
Band13	10MHz	256QAM	23230	50RB#0	18.90	18.29	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
Band13	10MHz	QPSK	23230	50RB#0	5.50	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.06	13	PASS
Band13	10MHz	64QAM	23230	50RB#0	5.96	13	PASS
Band13	10MHz	256QAM	23230	50RB#0	6.72	13	PASS

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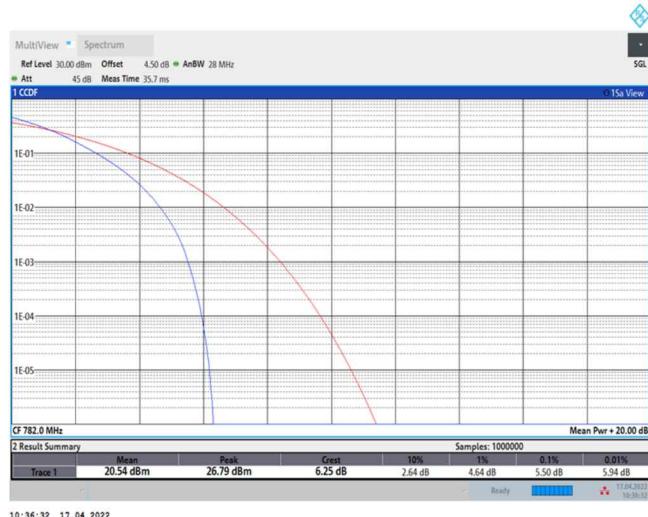
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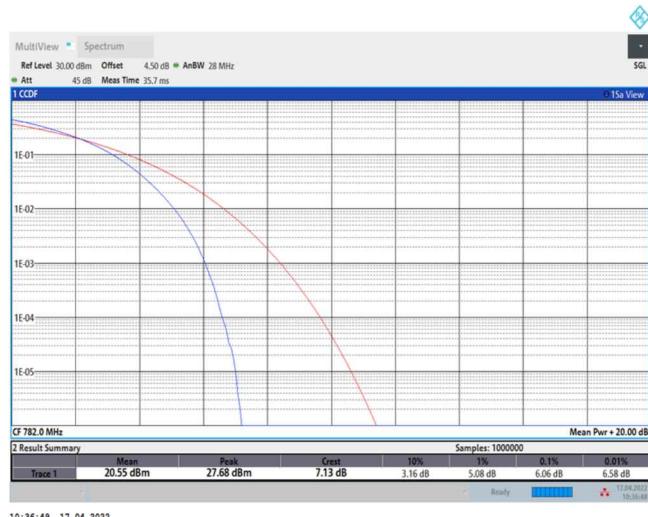
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Test Graphs

Band13-10MHz-QPSK-23230-50RB#0



Band13-10MHz-16QAM-23230-50RB#0



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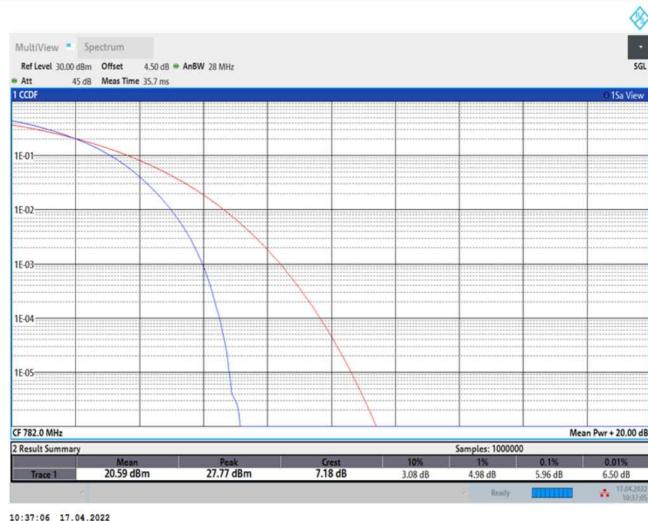
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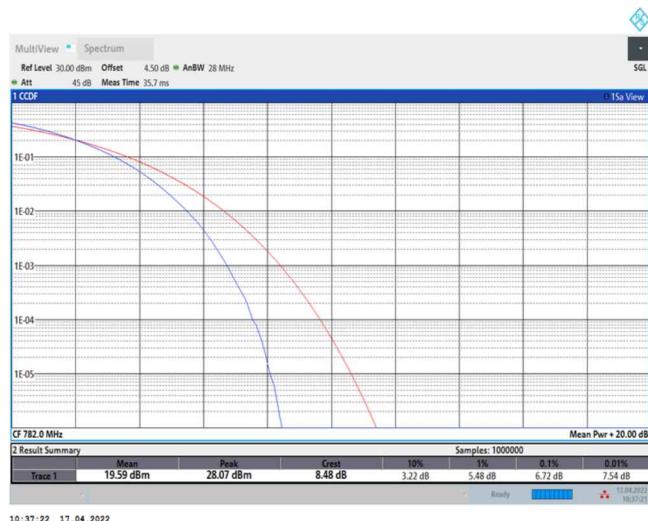
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Band13-10MHz-64QAM-23230-50RB#0



Band13-10MHz-256QAM-23230-50RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.472	5.00	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.484	5.04	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.482	5.00	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.469	5.04	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.485	4.99	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.477	4.99	PASS
Band13	5MHz	64QAM	23205	25RB#0	4.468	4.97	PASS
Band13	5MHz	64QAM	23230	25RB#0	4.476	5.04	PASS
Band13	5MHz	64QAM	23255	25RB#0	4.478	5.01	PASS
Band13	5MHz	256QAM	23205	25RB#0	4.473	5.06	PASS
Band13	5MHz	256QAM	23230	25RB#0	4.487	5.06	PASS
Band13	5MHz	256QAM	23255	25RB#0	4.476	5.01	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.922	9.84	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.928	9.80	PASS
Band13	10MHz	64QAM	23230	50RB#0	8.923	9.90	PASS
Band13	10MHz	256QAM	23230	50RB#0	8.920	9.72	PASS

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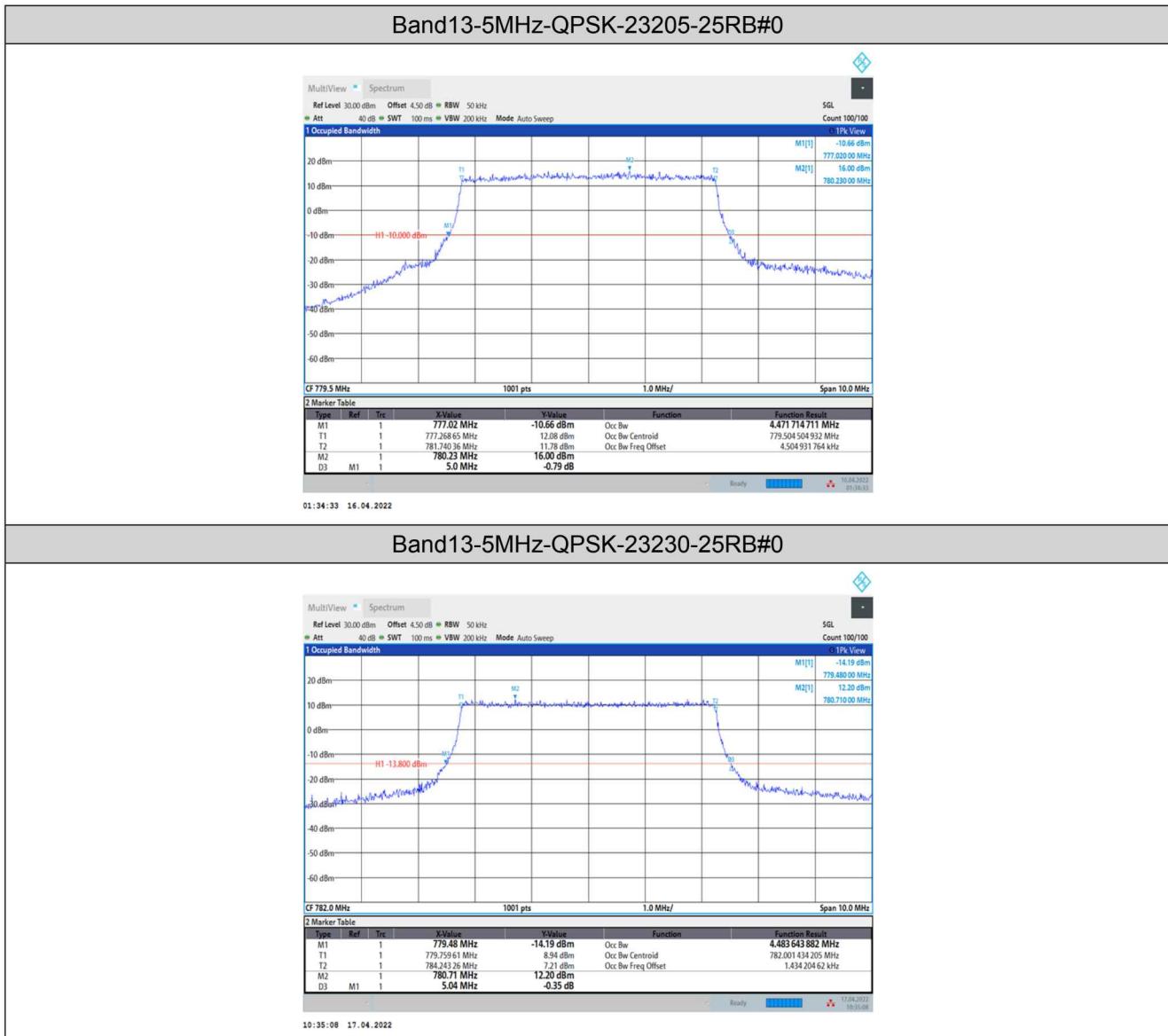


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Test Graphs



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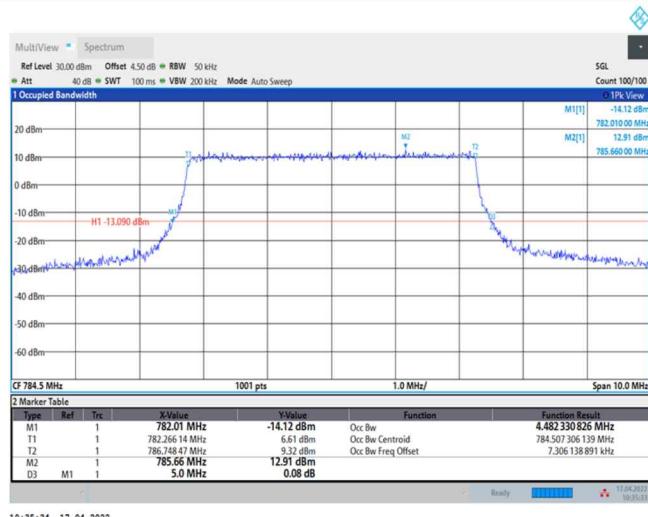


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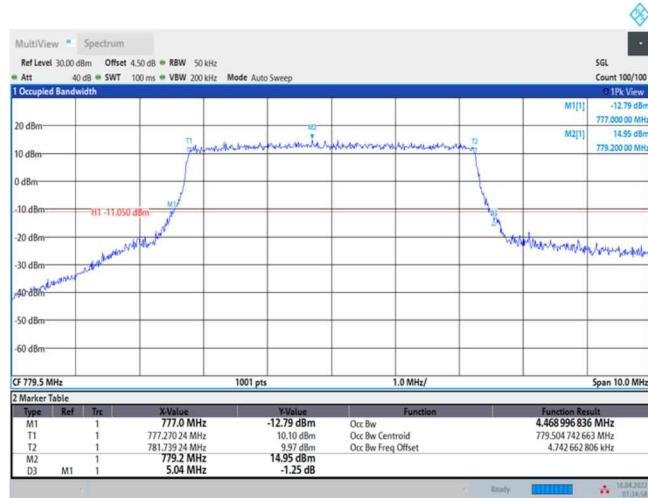
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Band13-5MHz-16QAM-23205-25RB#0



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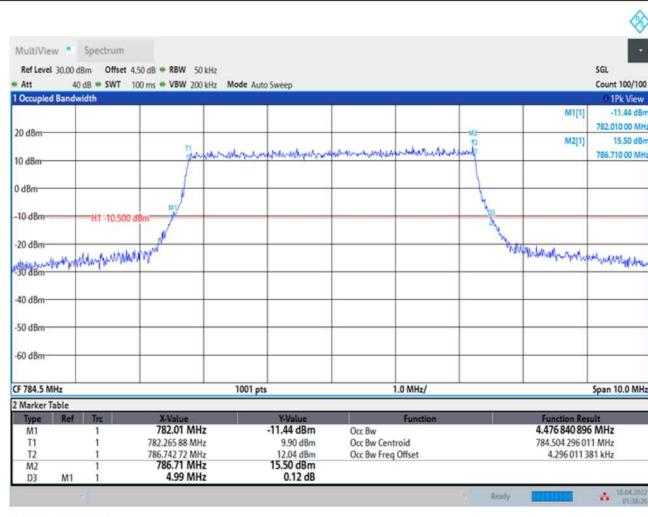
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Band13-5MHz-16QAM-23255-25RB#0



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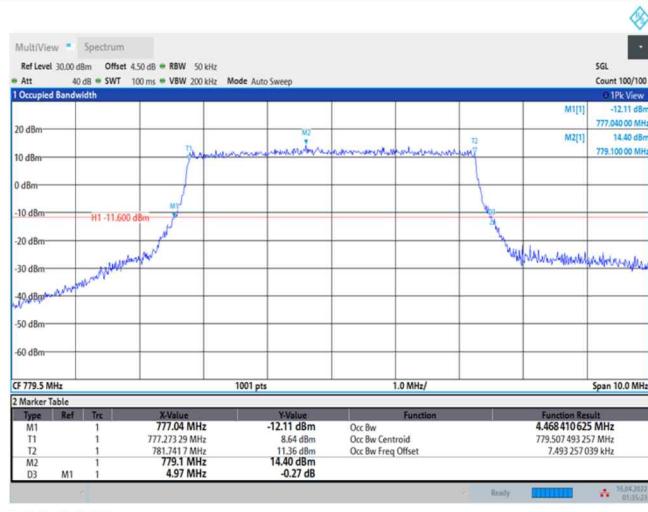
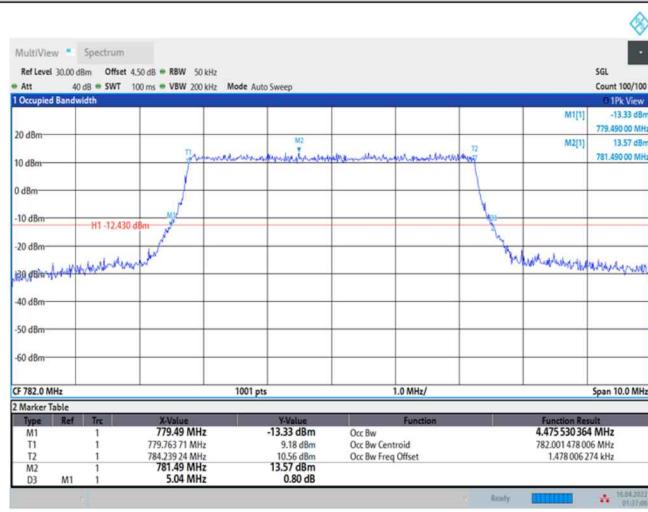
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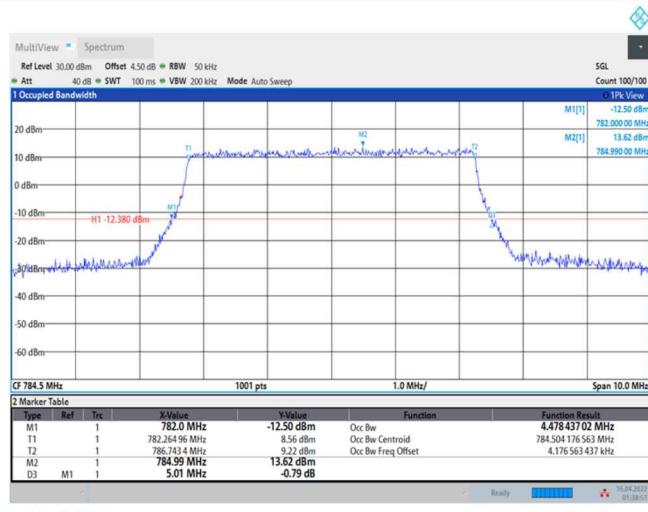
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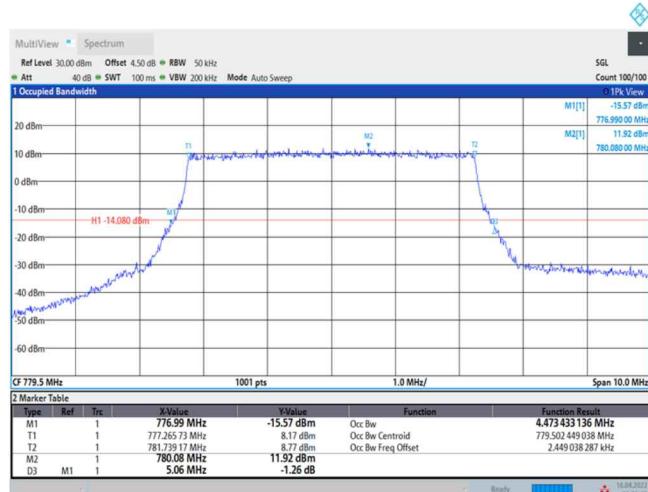
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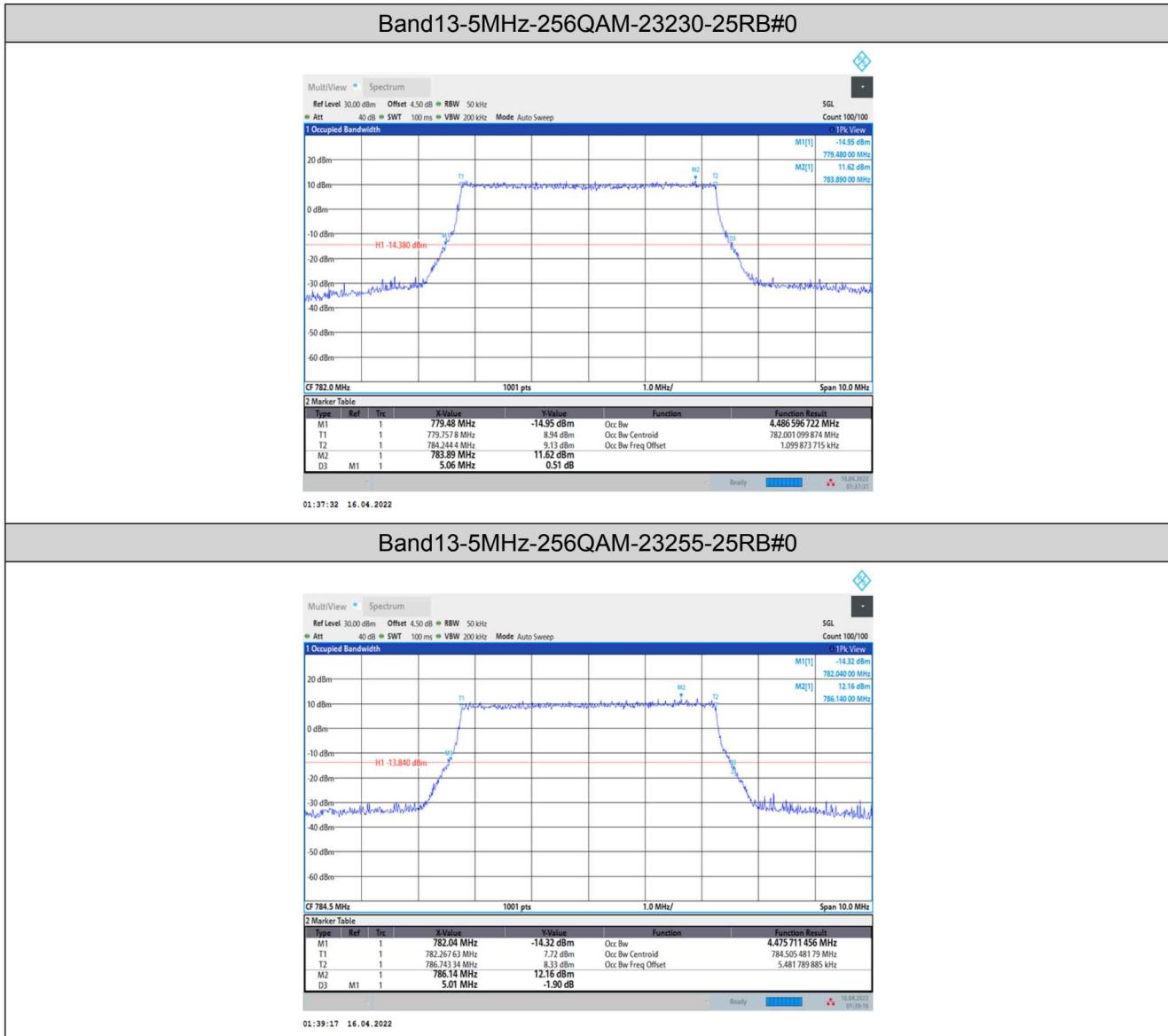
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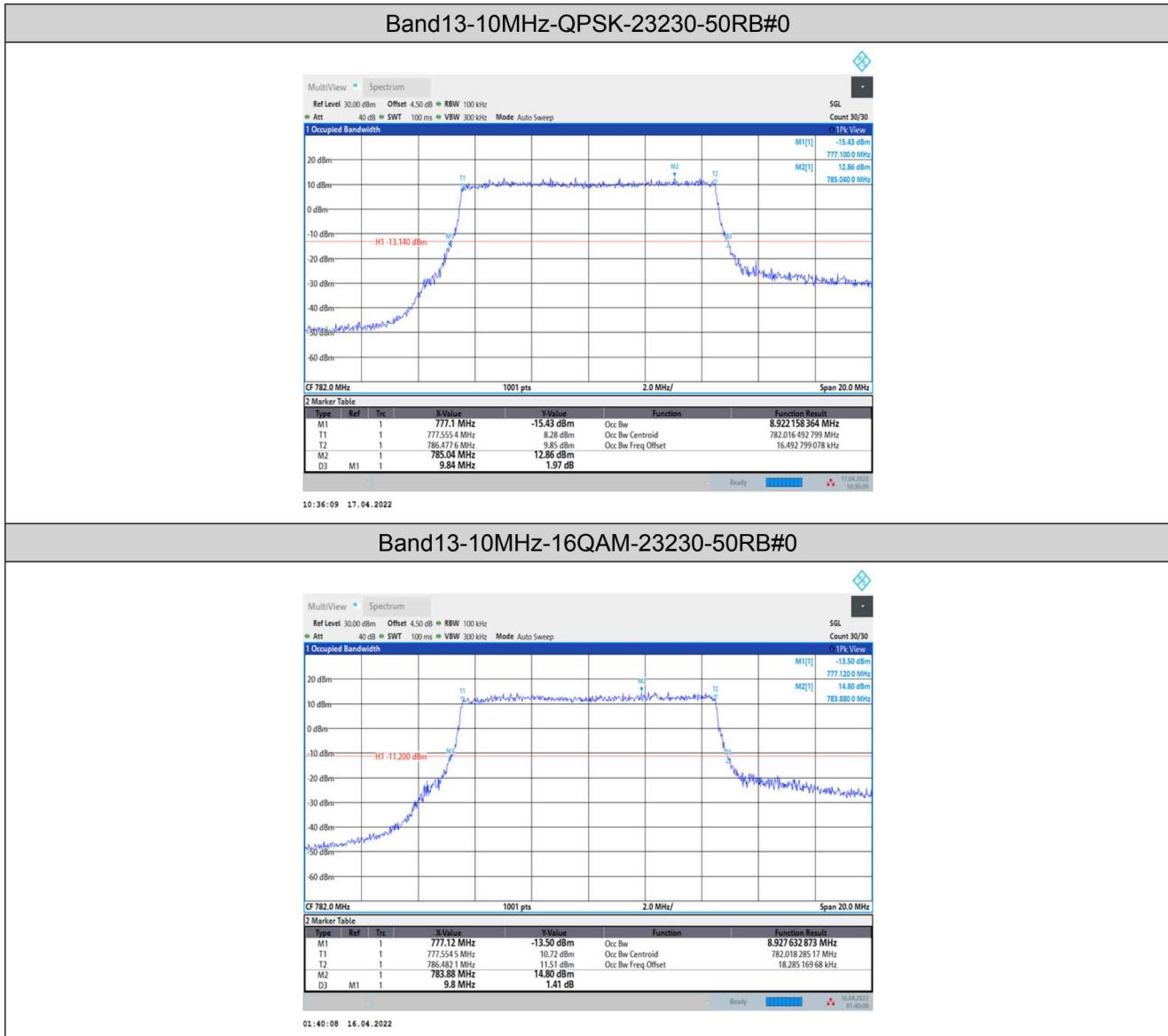


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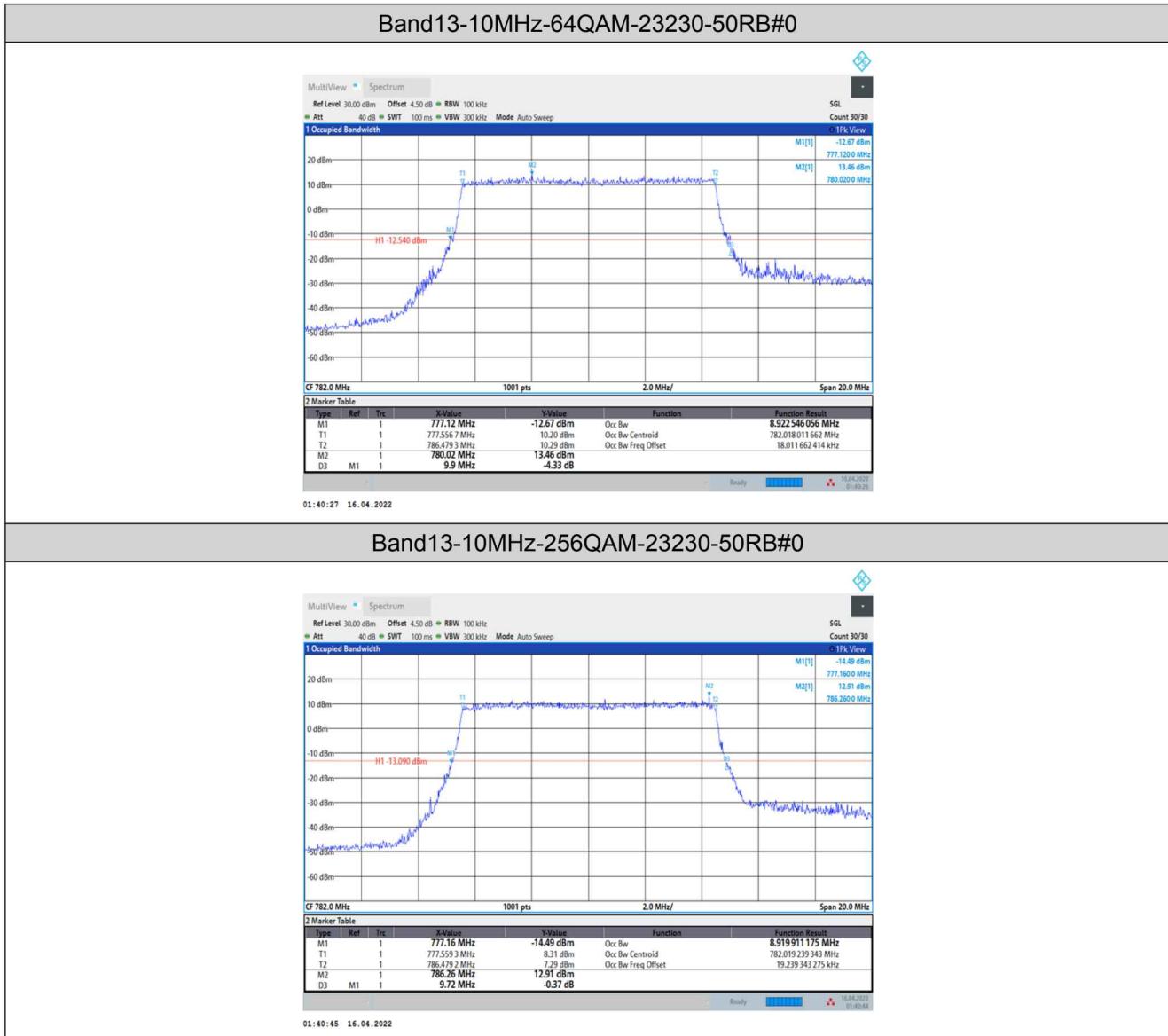


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