



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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Appendix B.9

LTE Band 17



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Wireless Laboratory

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Effective (Isotropic) Radiated Power Output Data

Test Result

ANT1

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.31	19.06	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.23	18.98	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.26	19.01	34.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.28	18.03	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.23	18.98	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.32	19.07	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.18	18.93	34.77	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.20	17.95	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.43	19.18	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.35	19.10	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.11	18.86	34.77	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.27	18.02	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.67	18.42	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.63	18.38	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.34	18.09	34.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.27	17.02	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.40	18.15	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.69	18.44	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.77	18.52	34.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.25	17.00	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#0	23.03	18.78	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.43	18.18	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.40	18.15	34.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.37	17.12	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#0	21.26	17.01	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#12	21.30	17.05	34.77	PASS



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Band17	5MHz	64QAM	23755	1RB#24	21.17	16.92	34.77	PASS
Band17	5MHz	64QAM	23755	25RB#0	20.24	15.99	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#0	21.30	17.05	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#12	21.31	17.06	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#24	21.18	16.93	34.77	PASS
Band17	5MHz	64QAM	23790	25RB#0	20.22	15.97	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#0	21.36	17.11	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#12	21.44	17.19	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#24	21.18	16.93	34.77	PASS
Band17	5MHz	64QAM	23825	25RB#0	20.16	15.91	34.77	PASS
Band17	5MHz	256QAM	23755	1RB#0	18.24	13.99	34.77	PASS
Band17	5MHz	256QAM	23755	1RB#12	18.28	14.03	34.77	PASS
Band17	5MHz	256QAM	23755	1RB#24	18.40	14.15	34.77	PASS
Band17	5MHz	256QAM	23755	25RB#0	18.24	13.99	34.77	PASS
Band17	5MHz	256QAM	23790	1RB#0	18.37	14.12	34.77	PASS
Band17	5MHz	256QAM	23790	1RB#12	18.38	14.13	34.77	PASS
Band17	5MHz	256QAM	23790	1RB#24	18.26	14.01	34.77	PASS
Band17	5MHz	256QAM	23790	25RB#0	18.20	13.95	34.77	PASS
Band17	5MHz	256QAM	23825	1RB#0	18.28	14.03	34.77	PASS
Band17	5MHz	256QAM	23825	1RB#12	18.28	14.03	34.77	PASS
Band17	5MHz	256QAM	23825	1RB#24	18.18	13.93	34.77	PASS
Band17	5MHz	256QAM	23825	25RB#0	18.25	14.00	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.27	19.02	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.41	19.16	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.34	19.09	34.77	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.31	18.06	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.25	19.00	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.38	19.13	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.29	19.04	34.77	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.27	18.02	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.23	18.98	34.77	PASS



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Band17	10MHz	QPSK	23800	1RB#24	23.28	19.03	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.25	19.00	34.77	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.29	18.04	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.60	18.35	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.63	18.38	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.60	18.35	34.77	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.37	17.12	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.47	18.22	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.63	18.38	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.45	18.20	34.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.31	17.06	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.62	18.37	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.59	18.34	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.47	18.22	34.77	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.24	16.99	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#0	21.39	17.14	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#24	21.50	17.25	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#49	21.44	17.19	34.77	PASS
Band17	10MHz	64QAM	23780	50RB#0	20.35	16.10	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#0	21.30	17.05	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#24	21.49	17.24	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#49	21.44	17.19	34.77	PASS
Band17	10MHz	64QAM	23790	50RB#0	20.21	15.96	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#0	21.22	16.97	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#24	21.48	17.23	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#49	21.26	17.01	34.77	PASS
Band17	10MHz	64QAM	23800	50RB#0	20.17	15.92	34.77	PASS
Band17	10MHz	256QAM	23780	1RB#0	18.07	13.82	34.77	PASS
Band17	10MHz	256QAM	23780	1RB#24	18.32	14.07	34.77	PASS
Band17	10MHz	256QAM	23780	1RB#49	18.19	13.94	34.77	PASS
Band17	10MHz	256QAM	23780	50RB#0	18.28	14.03	34.77	PASS



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Band17	10MHz	256QAM	23790	1RB#0	18.28	14.03	34.77	PASS
Band17	10MHz	256QAM	23790	1RB#24	18.27	14.02	34.77	PASS
Band17	10MHz	256QAM	23790	1RB#49	18.39	14.14	34.77	PASS
Band17	10MHz	256QAM	23790	50RB#0	18.28	14.03	34.77	PASS
Band17	10MHz	256QAM	23800	1RB#0	18.38	14.13	34.77	PASS
Band17	10MHz	256QAM	23800	1RB#24	18.40	14.15	34.77	PASS
Band17	10MHz	256QAM	23800	1RB#49	18.27	14.02	34.77	PASS
Band17	10MHz	256QAM	23800	50RB#0	18.28	14.03	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
Band17	10MHz	QPSK	23780	50RB#0	4.75	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	4.67	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	4.58	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	5.77	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	5.71	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	5.68	13	PASS
Band17	10MHz	64QAM	23780	50RB#0	6.41	13	PASS
Band17	10MHz	64QAM	23790	50RB#0	6.35	13	PASS
Band17	10MHz	64QAM	23800	50RB#0	6.35	13	PASS
Band17	10MHz	256QAM	23780	50RB#0	6.64	13	PASS
Band17	10MHz	256QAM	23790	50RB#0	6.58	13	PASS
Band17	10MHz	256QAM	23800	50RB#0	6.58	13	PASS



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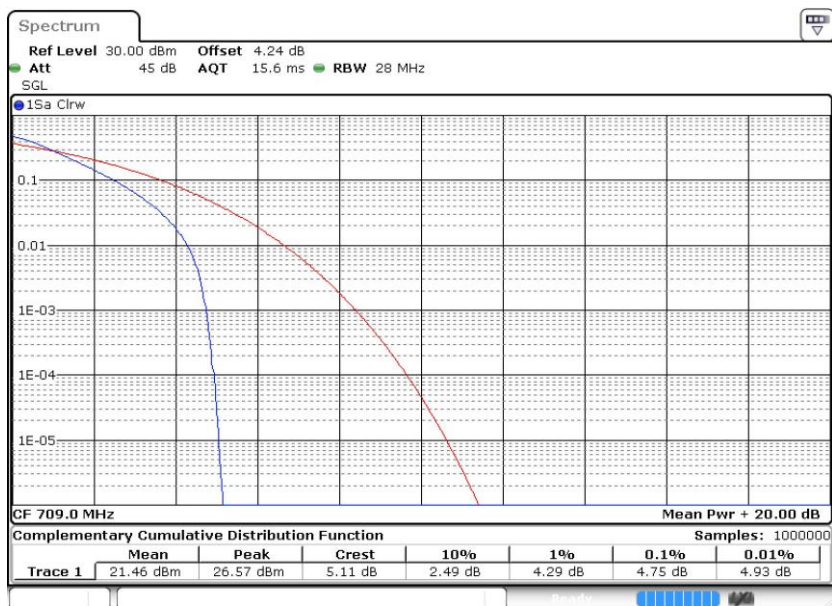
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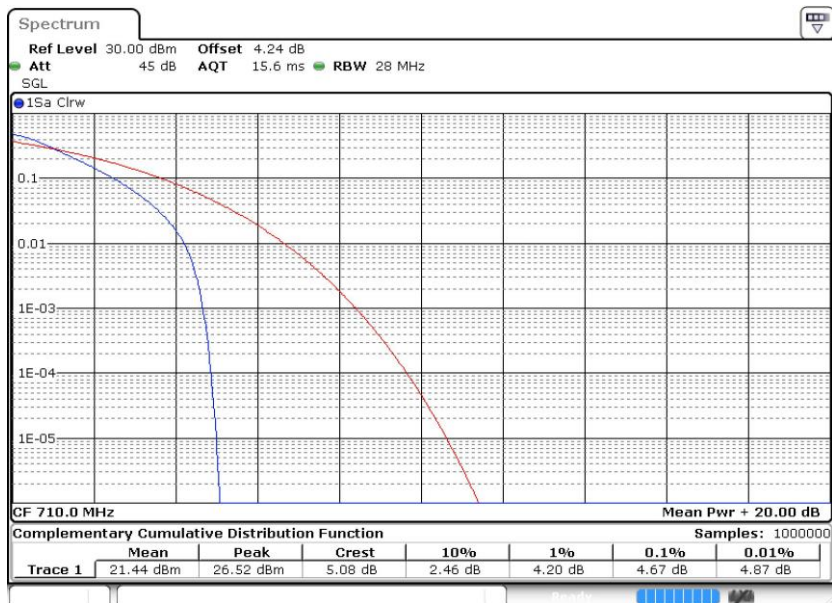
Test Graphs

Band17-10MHz-QPSK-23780-50RB#0



Date: 19.DEC.2023 10:35:03

Band17-10MHz-QPSK-23790-50RB#0



Date: 19.DEC.2023 10:35:37



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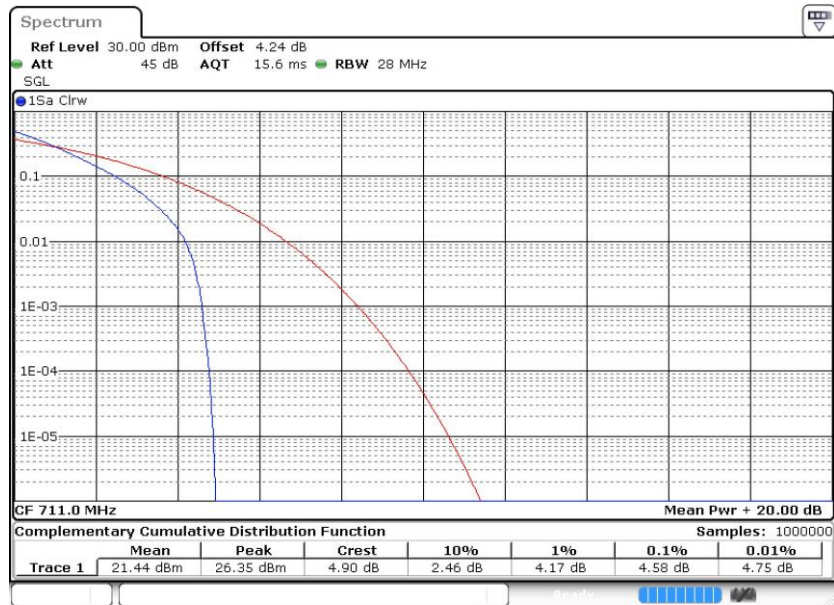
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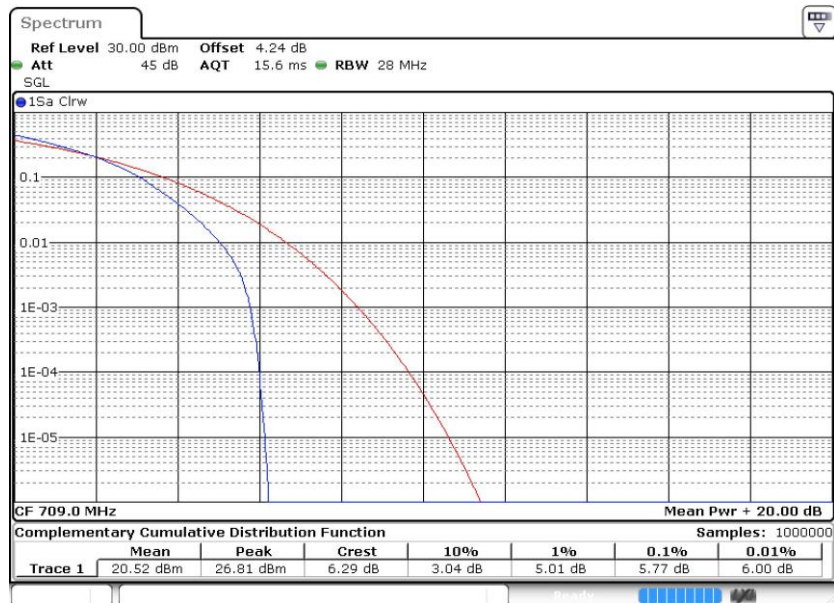
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Band17-10MHz-QPSK-23800-50RB#0



Date: 19.DEC.2023 10:36:10

Band17-10MHz-16QAM-23780-50RB#0



Date: 19.DEC.2023 10:35:20



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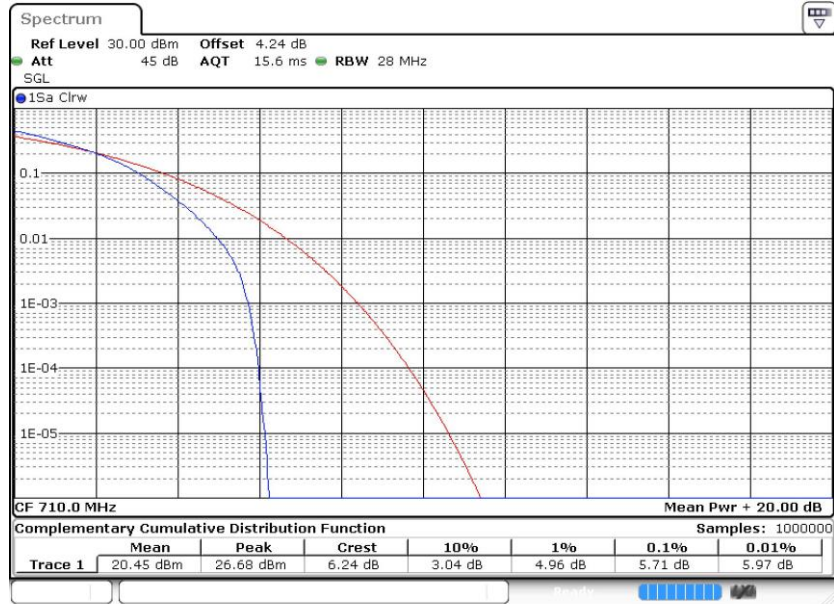
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Band17-10MHz-16QAM-23790-50RB#0



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Band17-10MHz-16QAM-23800-50RB#0



Date: 19.DEC.2023 10:36:26



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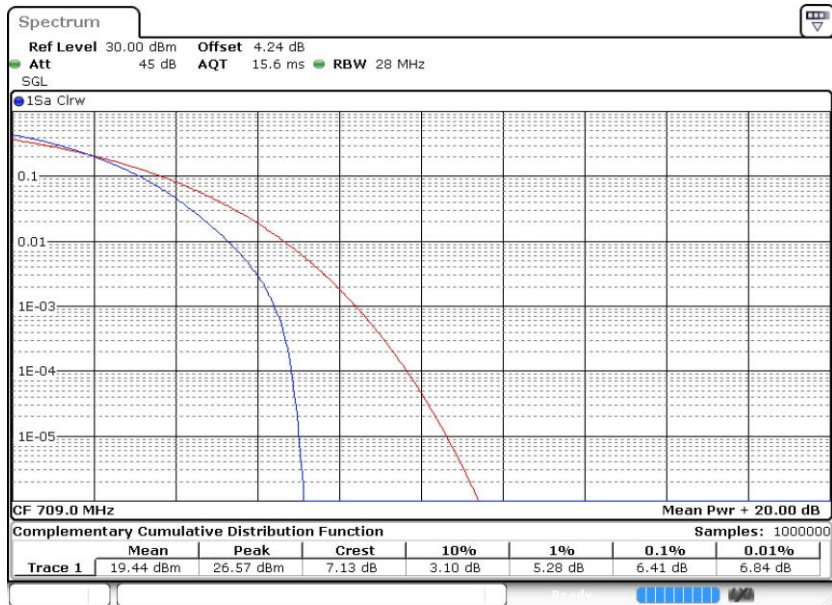
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Rev.: 01

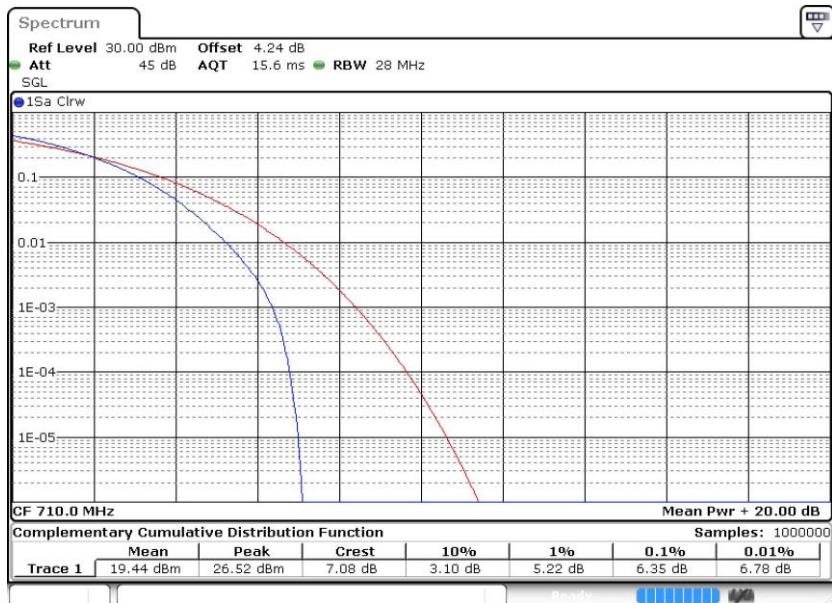
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Band17-10MHz-64QAM-23780-50RB#0



Date: 19.DEC.2023 15:31:31

Band17-10MHz-64QAM-23790-50RB#0



Date: 19.DEC.2023 15:31:47



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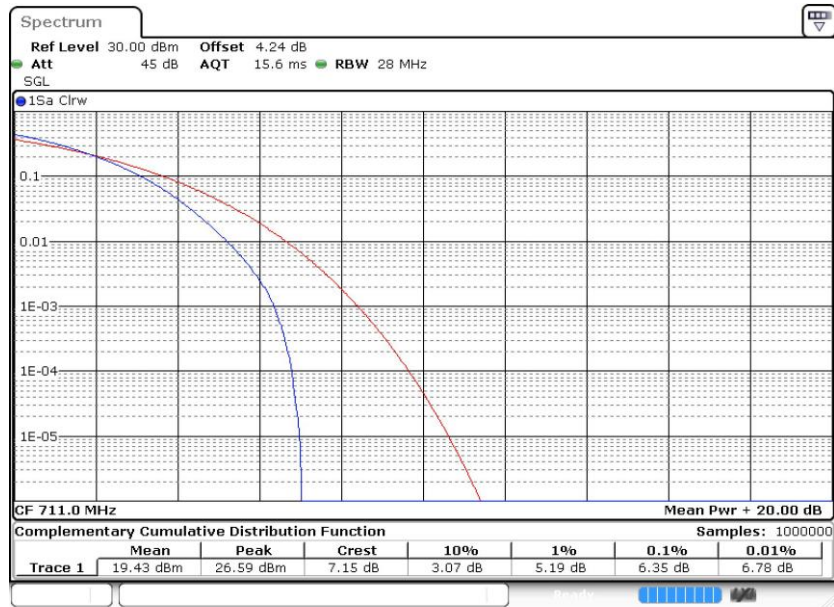
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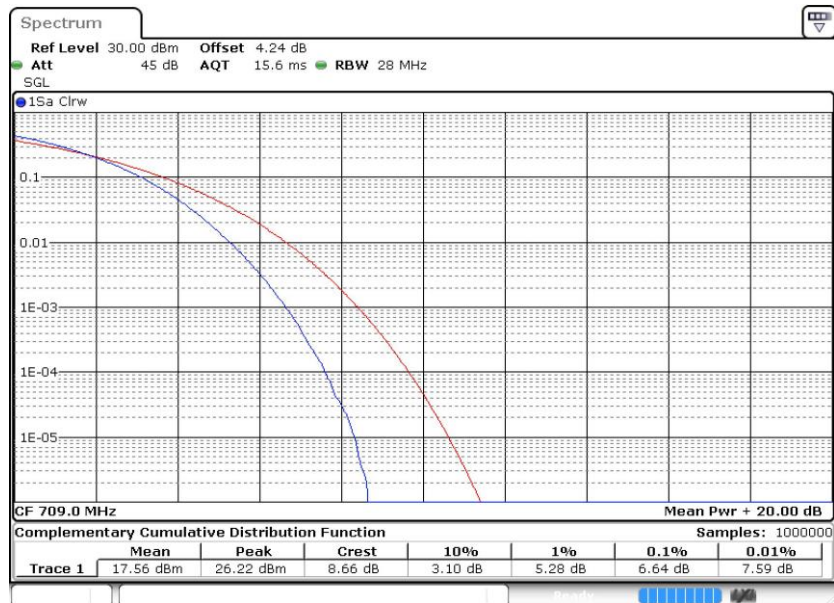
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Band17-10MHz-64QAM-23800-50RB#0



Date: 19.DEC.2023 15:32:04

Band17-10MHz-256QAM-23780-50RB#0



Date: 28.DEC.2023 17:15:15



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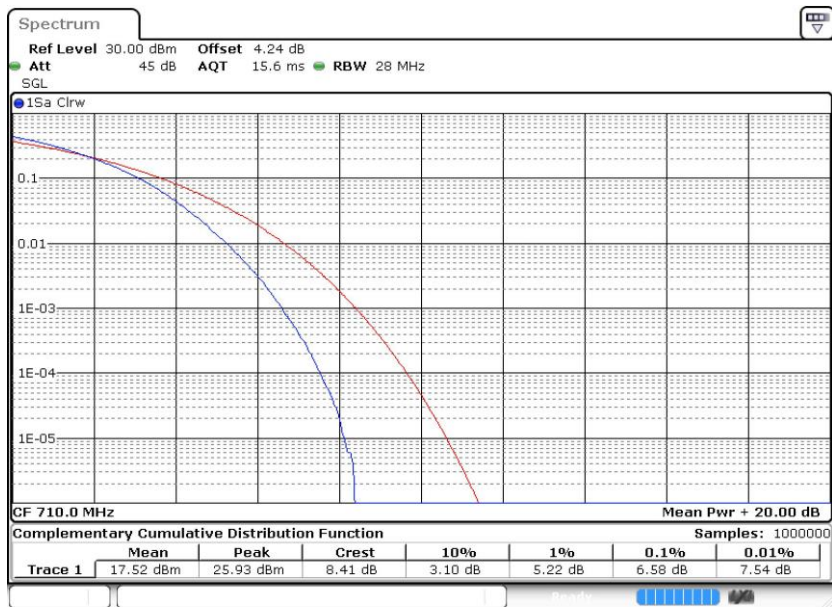
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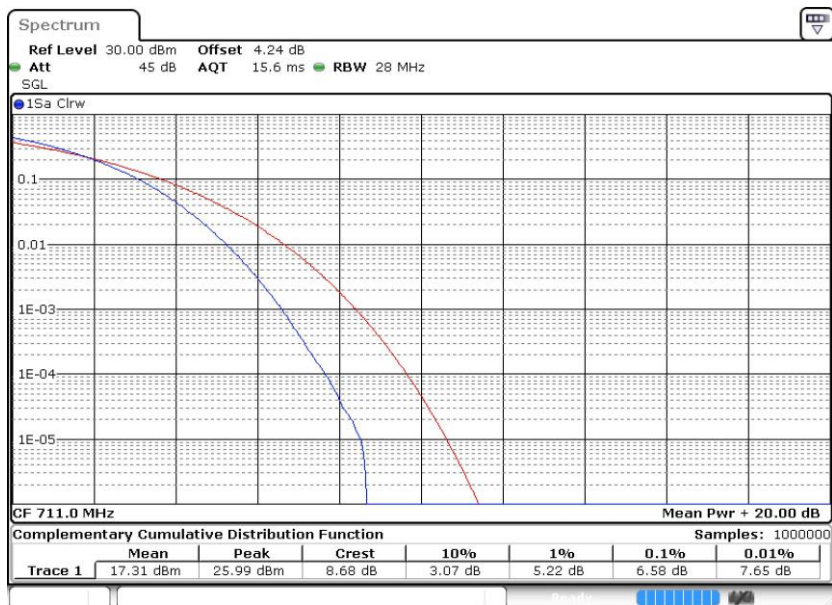
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Band17-10MHz-256QAM-23790-50RB#0



Date: 28.DEC.2023 17:15:52

Band17-10MHz-256QAM-23800-50RB#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
Band17	5MHz	QPSK	23755	25RB#0	4.476	5.01	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.466	4.96	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.476	4.96	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.476	5.07	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.466	5.01	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.476	4.98	PASS
Band17	5MHz	64QAM	23755	25RB#0	4.476	5.13	PASS
Band17	5MHz	64QAM	23790	25RB#0	4.466	5.01	PASS
Band17	5MHz	64QAM	23825	25RB#0	4.476	4.97	PASS
Band17	5MHz	256QAM	23755	25RB#0	4.476	5.04	PASS
Band17	5MHz	256QAM	23790	25RB#0	4.456	4.94	PASS
Band17	5MHz	256QAM	23825	25RB#0	4.476	5.00	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.918	9.83	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.918	9.73	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.918	9.80	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.952	10.03	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.918	9.70	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.918	9.83	PASS
Band17	10MHz	64QAM	23780	50RB#0	8.918	9.80	PASS
Band17	10MHz	64QAM	23790	50RB#0	8.918	9.83	PASS
Band17	10MHz	64QAM	23800	50RB#0	8.918	9.77	PASS
Band17	10MHz	256QAM	23780	50RB#0	8.918	9.77	PASS
Band17	10MHz	256QAM	23790	50RB#0	8.918	9.83	PASS
Band17	10MHz	256QAM	23800	50RB#0	8.918	9.80	PASS



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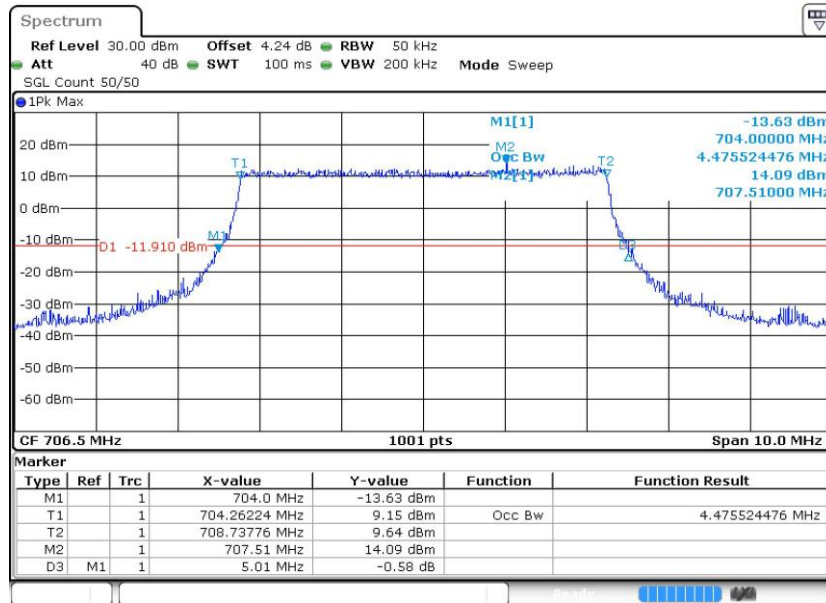


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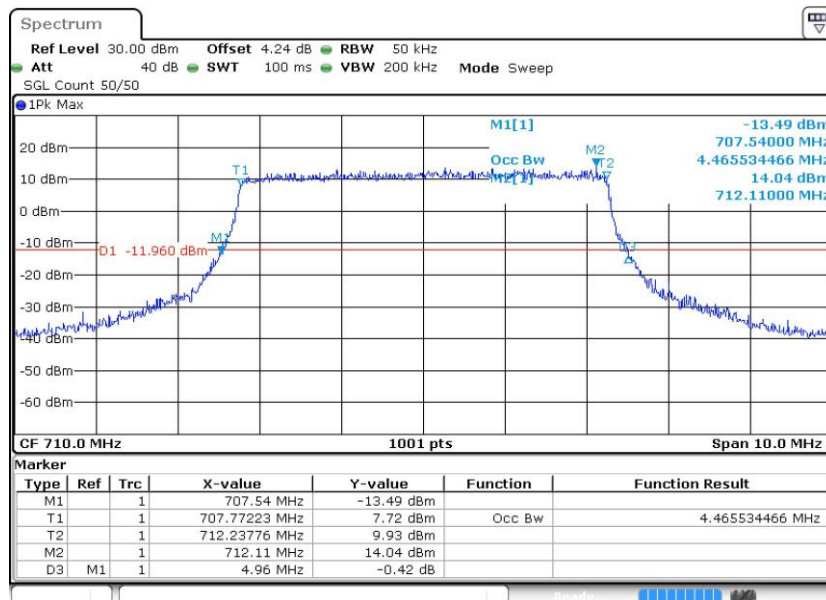
Test Graphs

Band17-5MHz-QPSK-23755-25RB#0



Date: 19.DEC.2023 10:30:53

Band17-5MHz-QPSK-23790-25RB#0



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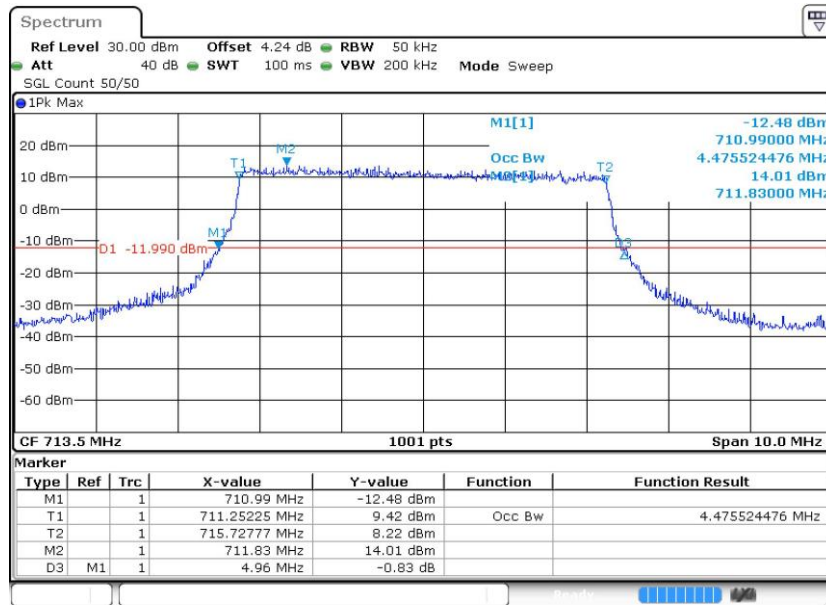
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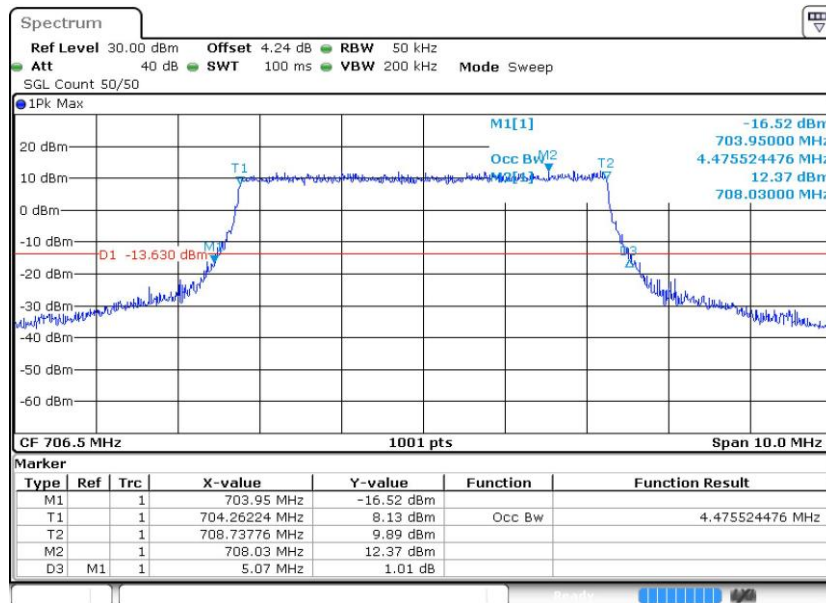
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Band17-5MHz-QPSK-23825-25RB#0



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Band17-5MHz-16QAM-23755-25RB#0



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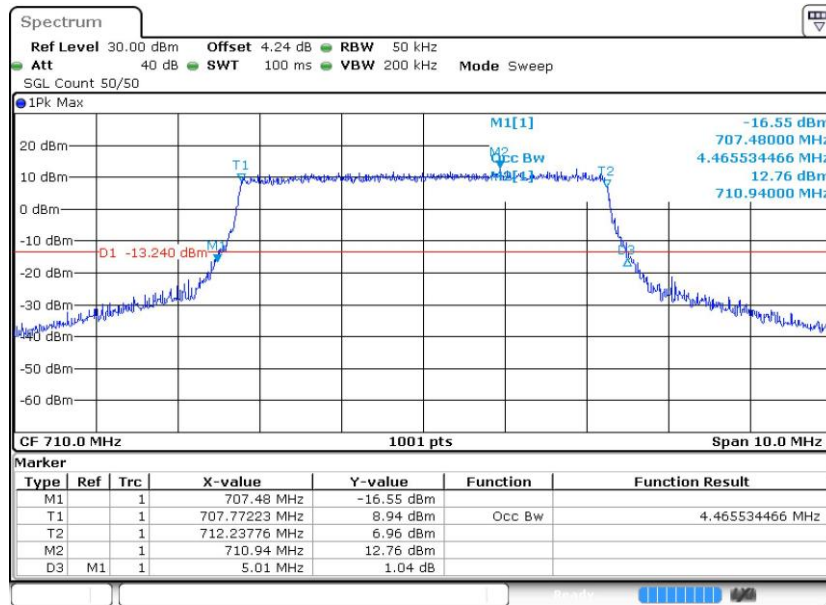
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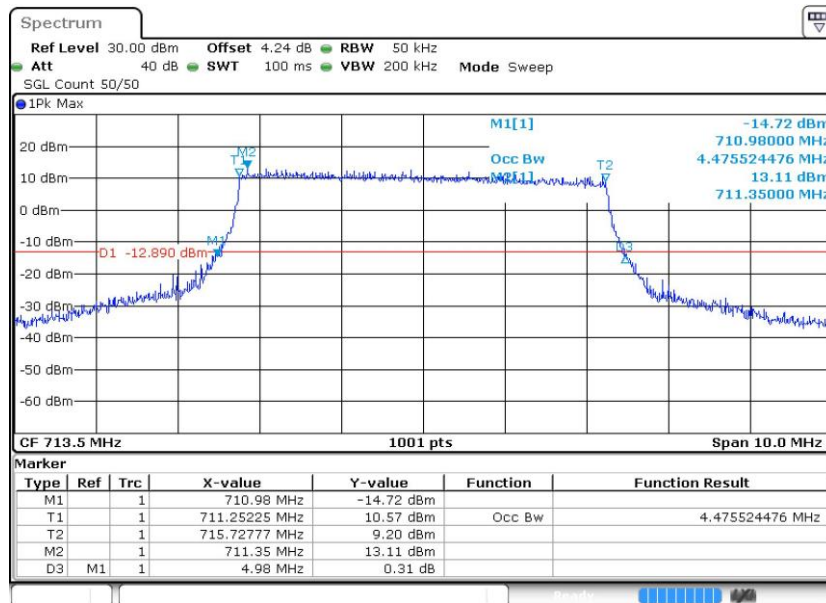
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Band17-5MHz-16QAM-23825-25RB#0



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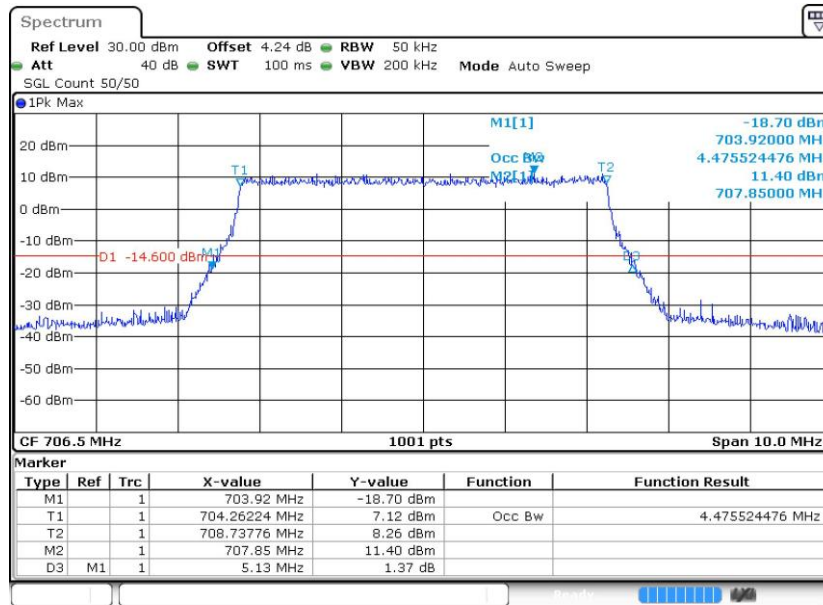
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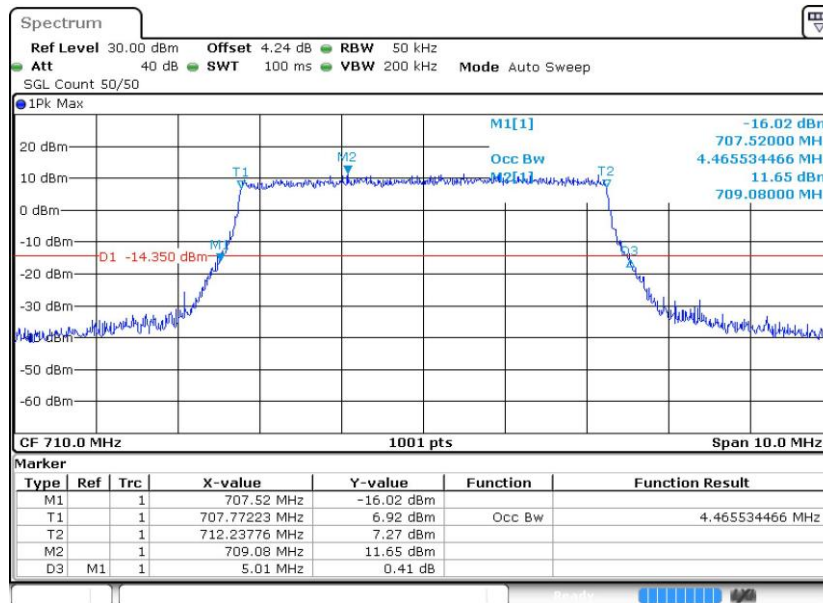
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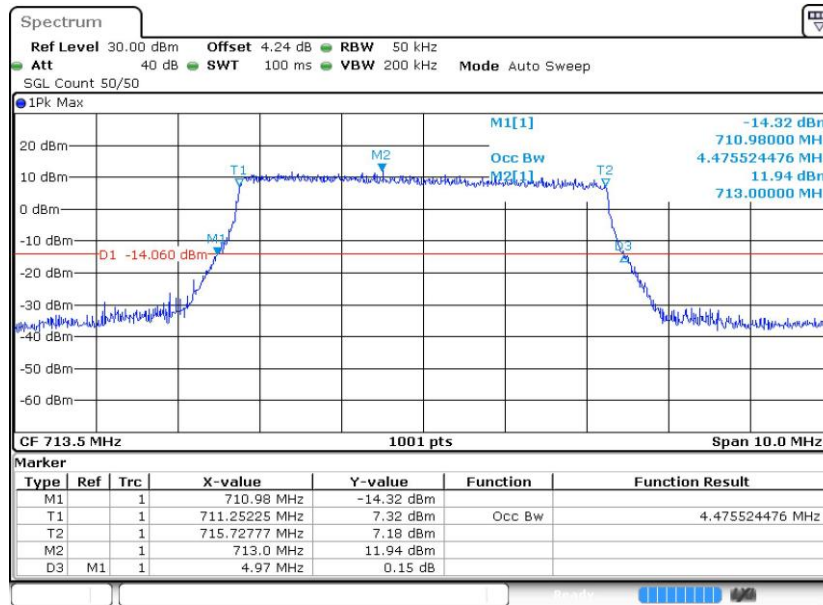
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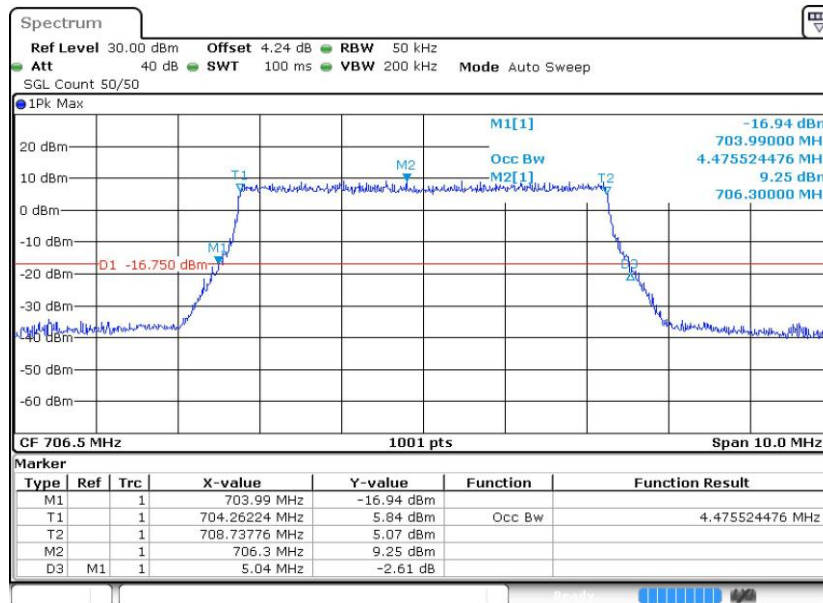
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Band17-5MHz-64QAM-23825-25RB#0



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Band17-5MHz-256QAM-23755-25RB#0



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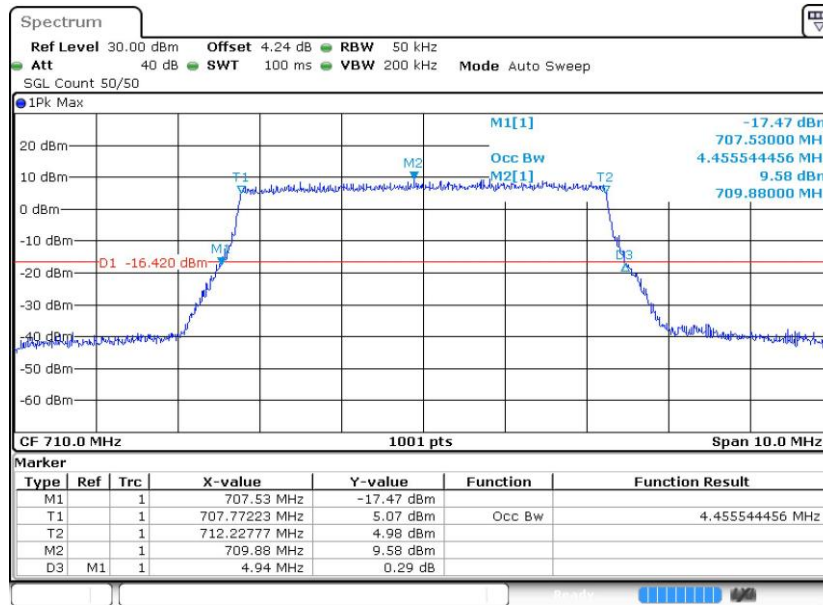
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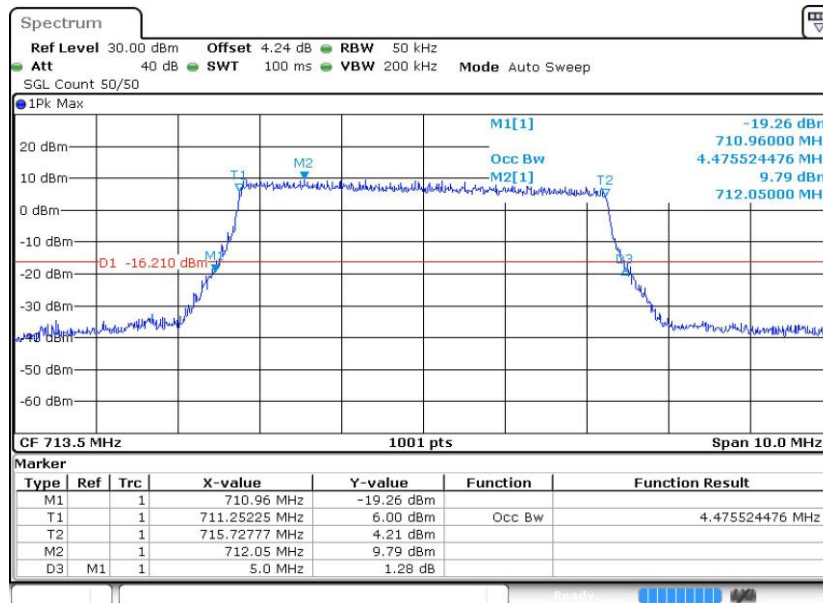
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Date: 20 DEC. 2023 09:15:33

Band17-5MHz-256QAM-23825-25RB#0



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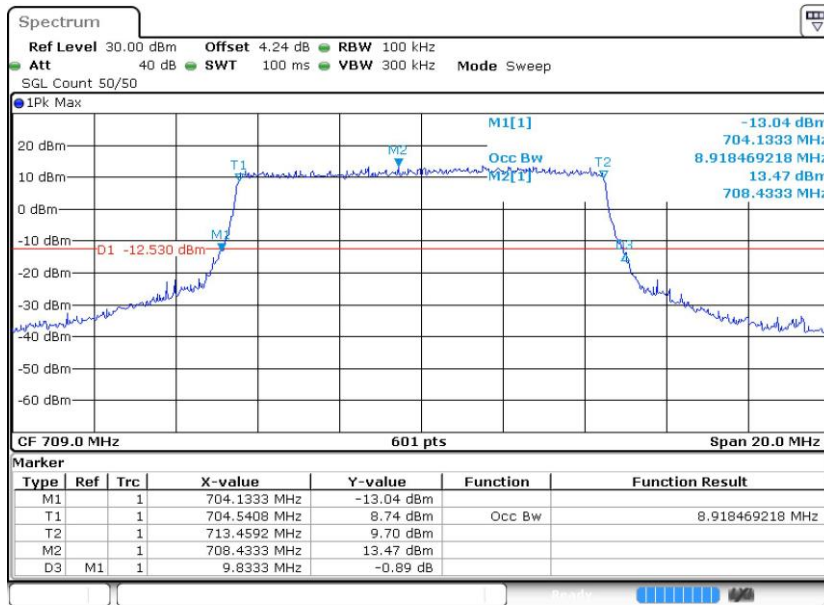
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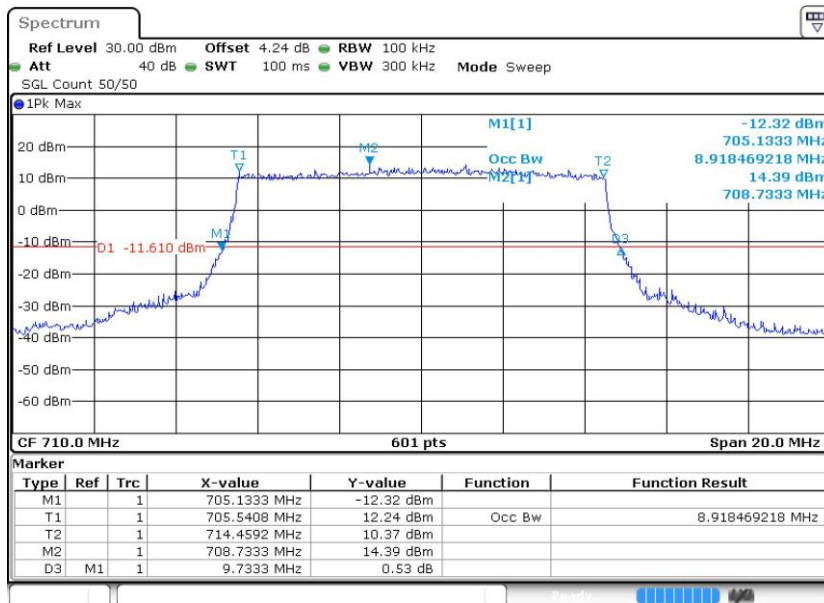
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Date: 19.DEC.2023 10:32:59

Band17-10MHz-QPSK-23790-50RB#0



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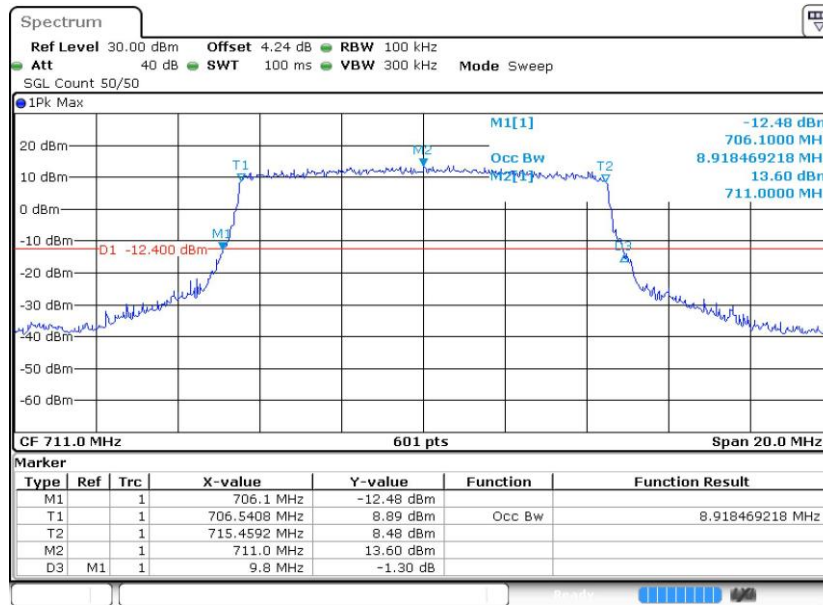
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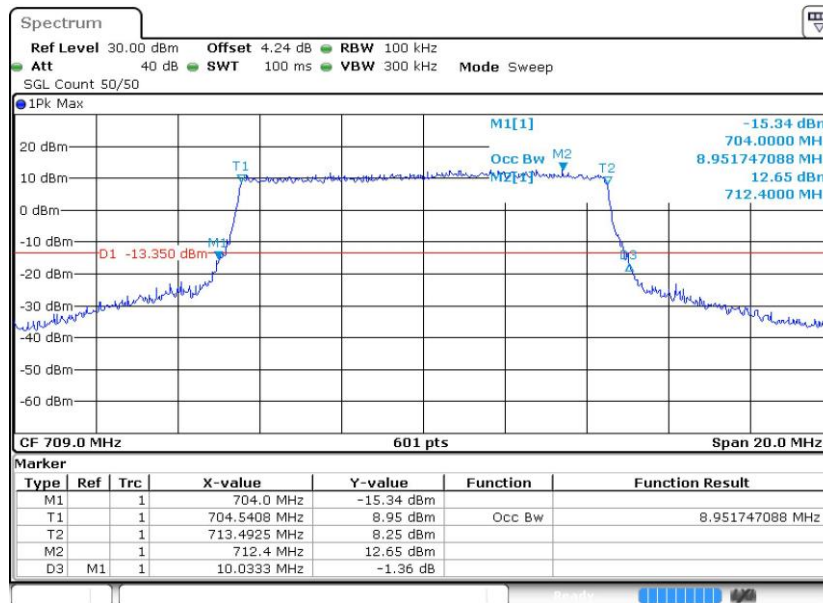
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Band17-10MHz-16QAM-23780-50RB#0



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