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Appendix for LTE band 17

**Applicant: HONGKONG UCLOUDLINK NETWORK
TECHNOLOGY LIMITED**

**Address: Suite 603, 6/F, Laws Commercial Plaza, 788
Cheung Sha Wan Road, Kowloon, Hong Kong**

Product Name: 5G Wireless Data Terminal

Model: GLMU21A01

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	24.96	PASS
Band17	5MHz	QPSK	23755	1RB#12	24.90	PASS
Band17	5MHz	QPSK	23755	1RB#24	24.86	PASS
Band17	5MHz	QPSK	23755	12RB#0	24.06	PASS
Band17	5MHz	QPSK	23755	12RB#6	24.03	PASS
Band17	5MHz	QPSK	23755	12RB#13	23.98	PASS
Band17	5MHz	QPSK	23755	25RB#0	24.02	PASS
Band17	5MHz	QPSK	23790	1RB#0	25.16	PASS
Band17	5MHz	QPSK	23790	1RB#12	24.96	PASS
Band17	5MHz	QPSK	23790	1RB#24	24.80	PASS
Band17	5MHz	QPSK	23790	12RB#0	24.07	PASS
Band17	5MHz	QPSK	23790	12RB#6	24.01	PASS
Band17	5MHz	QPSK	23790	12RB#13	24.00	PASS
Band17	5MHz	QPSK	23790	25RB#0	24.02	PASS
Band17	5MHz	QPSK	23825	1RB#0	25.00	PASS
Band17	5MHz	QPSK	23825	1RB#12	24.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	24.87	PASS
Band17	5MHz	QPSK	23825	12RB#0	24.05	PASS
Band17	5MHz	QPSK	23825	12RB#6	23.99	PASS
Band17	5MHz	QPSK	23825	12RB#13	23.83	PASS
Band17	5MHz	QPSK	23825	25RB#0	24.01	PASS
Band17	5MHz	16QAM	23755	1RB#0	24.17	PASS
Band17	5MHz	16QAM	23755	1RB#12	24.16	PASS
Band17	5MHz	16QAM	23755	1RB#24	24.01	PASS
Band17	5MHz	16QAM	23755	12RB#0	24.06	PASS
Band17	5MHz	16QAM	23755	12RB#6	24.05	PASS
Band17	5MHz	16QAM	23755	12RB#13	23.98	PASS
Band17	5MHz	16QAM	23755	25RB#0	23.02	PASS
Band17	5MHz	16QAM	23790	1RB#0	23.92	PASS
Band17	5MHz	16QAM	23790	1RB#12	23.86	PASS
Band17	5MHz	16QAM	23790	1RB#24	23.76	PASS

Band17	5MHz	16QAM	23790	12RB#0	24.03	PASS
Band17	5MHz	16QAM	23790	12RB#6	24.04	PASS
Band17	5MHz	16QAM	23790	12RB#13	24.01	PASS
Band17	5MHz	16QAM	23790	25RB#0	23.02	PASS
Band17	5MHz	16QAM	23825	1RB#0	23.96	PASS
Band17	5MHz	16QAM	23825	1RB#12	23.71	PASS
Band17	5MHz	16QAM	23825	1RB#24	23.83	PASS
Band17	5MHz	16QAM	23825	12RB#0	24.00	PASS
Band17	5MHz	16QAM	23825	12RB#6	24.05	PASS
Band17	5MHz	16QAM	23825	12RB#13	23.83	PASS
Band17	5MHz	16QAM	23825	25RB#0	23.05	PASS
Band17	10MHz	QPSK	23780	1RB#0	24.86	PASS
Band17	10MHz	QPSK	23780	1RB#24	24.90	PASS
Band17	10MHz	QPSK	23780	1RB#49	24.88	PASS
Band17	10MHz	QPSK	23780	25RB#0	24.07	PASS
Band17	10MHz	QPSK	23780	25RB#12	24.06	PASS
Band17	10MHz	QPSK	23780	25RB#25	24.00	PASS
Band17	10MHz	QPSK	23780	50RB#0	24.04	PASS
Band17	10MHz	QPSK	23790	1RB#0	24.97	PASS
Band17	10MHz	QPSK	23790	1RB#24	25.00	PASS
Band17	10MHz	QPSK	23790	1RB#49	24.88	PASS
Band17	10MHz	QPSK	23790	25RB#0	24.10	PASS
Band17	10MHz	QPSK	23790	25RB#12	24.07	PASS
Band17	10MHz	QPSK	23790	25RB#25	24.02	PASS
Band17	10MHz	QPSK	23790	50RB#0	24.04	PASS
Band17	10MHz	QPSK	23800	1RB#0	24.93	PASS
Band17	10MHz	QPSK	23800	1RB#24	24.90	PASS
Band17	10MHz	QPSK	23800	1RB#49	24.84	PASS
Band17	10MHz	QPSK	23800	25RB#0	24.04	PASS
Band17	10MHz	QPSK	23800	25RB#12	24.07	PASS
Band17	10MHz	QPSK	23800	25RB#25	24.05	PASS
Band17	10MHz	QPSK	23800	50RB#0	24.05	PASS
Band17	10MHz	16QAM	23780	1RB#0	24.04	PASS
Band17	10MHz	16QAM	23780	1RB#24	24.08	PASS
Band17	10MHz	16QAM	23780	1RB#49	23.97	PASS
Band17	10MHz	16QAM	23780	25RB#0	24.06	PASS
Band17	10MHz	16QAM	23780	25RB#12	24.04	PASS

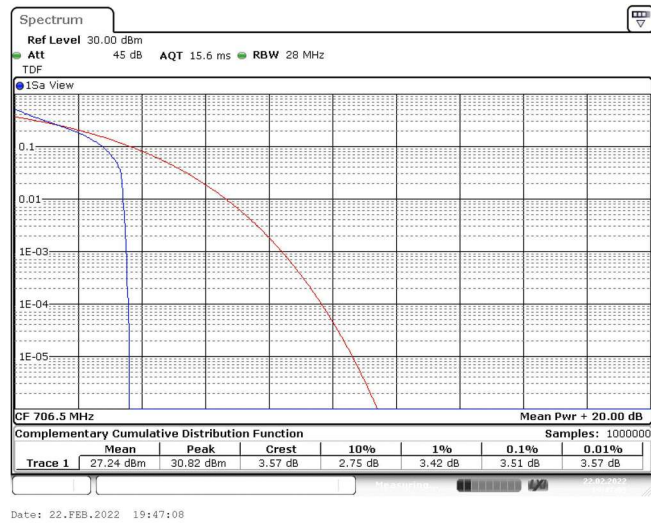
Band17	10MHz	16QAM	23780	25RB#25	24.01	PASS
Band17	10MHz	16QAM	23780	50RB#0	23.02	PASS
Band17	10MHz	16QAM	23790	1RB#0	23.83	PASS
Band17	10MHz	16QAM	23790	1RB#24	23.85	PASS
Band17	10MHz	16QAM	23790	1RB#49	23.82	PASS
Band17	10MHz	16QAM	23790	25RB#0	24.05	PASS
Band17	10MHz	16QAM	23790	25RB#12	24.07	PASS
Band17	10MHz	16QAM	23790	25RB#25	24.05	PASS
Band17	10MHz	16QAM	23790	50RB#0	23.02	PASS
Band17	10MHz	16QAM	23800	1RB#0	23.91	PASS
Band17	10MHz	16QAM	23800	1RB#24	23.75	PASS
Band17	10MHz	16QAM	23800	1RB#49	23.65	PASS
Band17	10MHz	16QAM	23800	25RB#0	24.02	PASS
Band17	10MHz	16QAM	23800	25RB#12	24.09	PASS
Band17	10MHz	16QAM	23800	25RB#25	24.11	PASS
Band17	10MHz	16QAM	23800	50RB#0	23.05	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

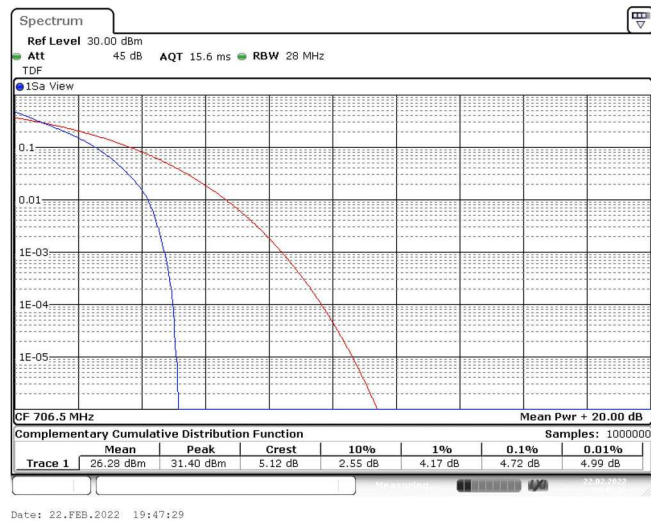
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	3.51	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.72	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	3.22	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.49	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	3.19	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.72	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	4.93	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	5.59	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	4.58	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	5.39	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	4.61	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	5.59	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	3.45	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	4.72	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	3.36	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	4.70	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	3.36	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	4.75	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	5.07	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	5.57	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	5.01	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	5.59	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	4.84	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	5.65	13	PASS

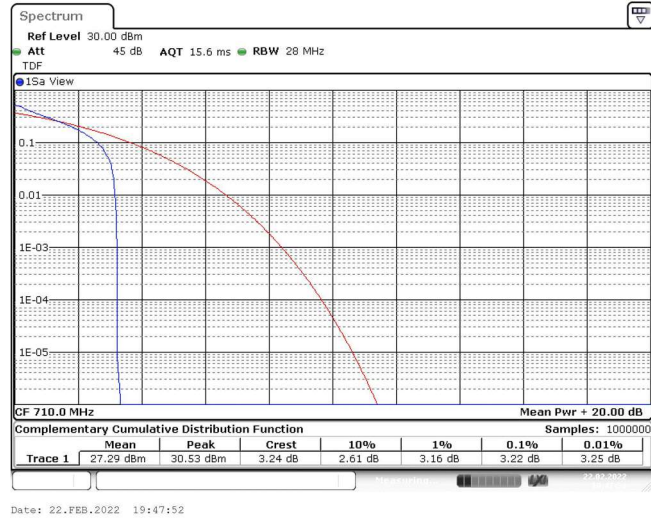
Test Graphs



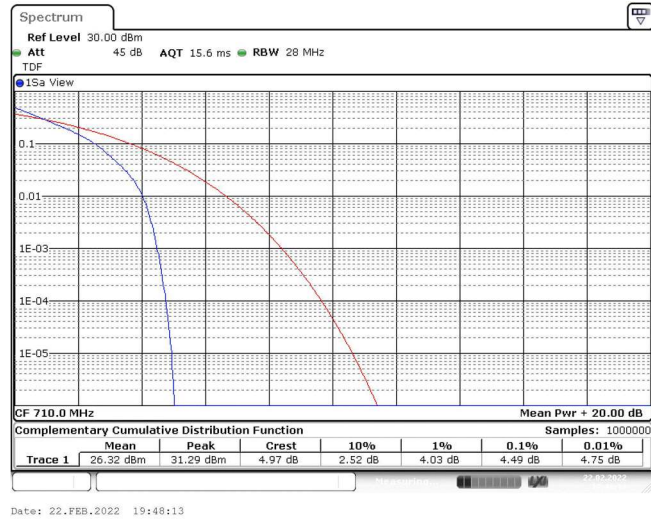
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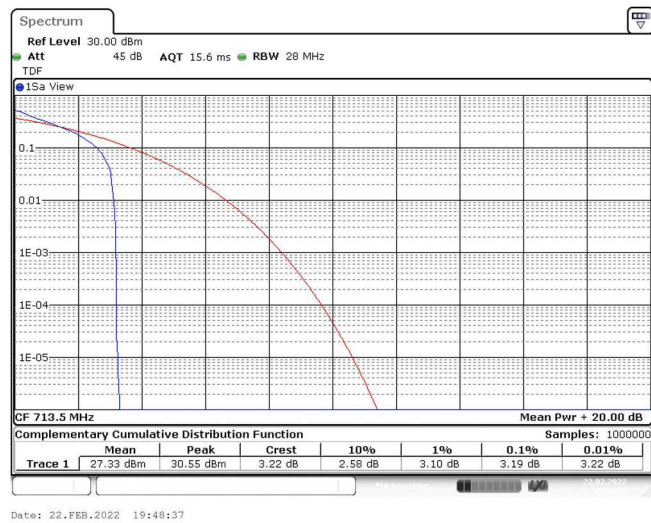
Band17-5MHz-QPSK-23755-25RB#0



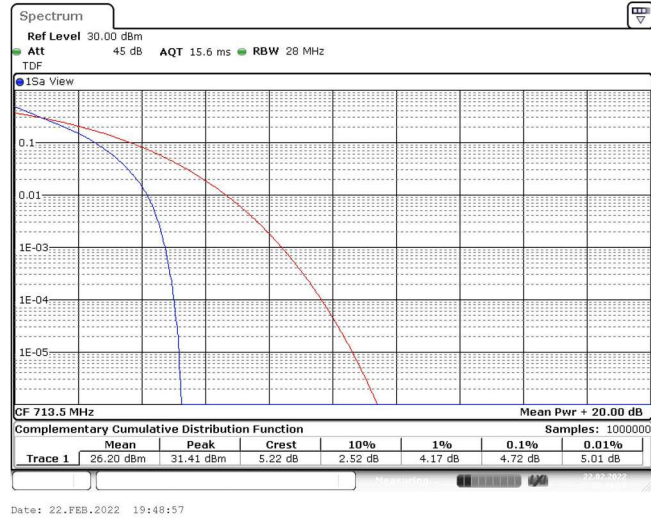
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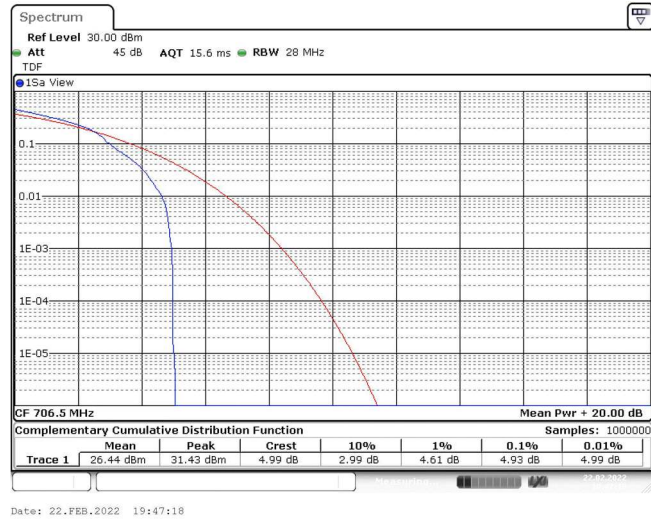
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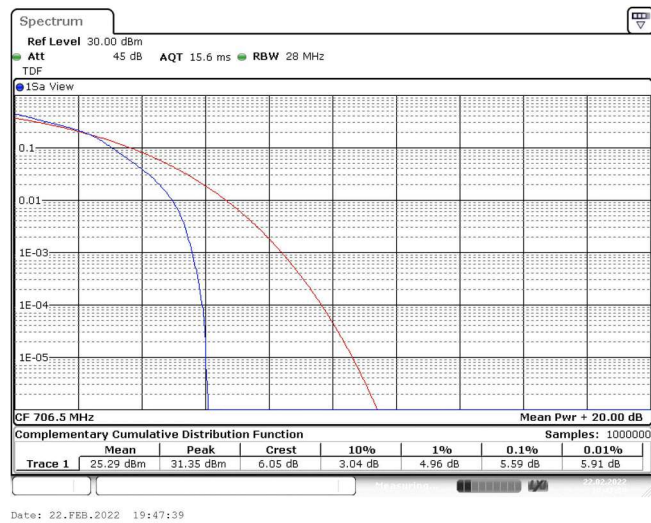
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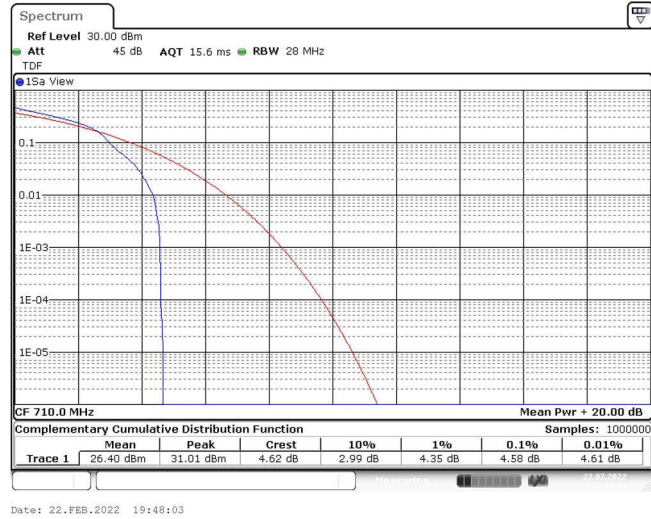
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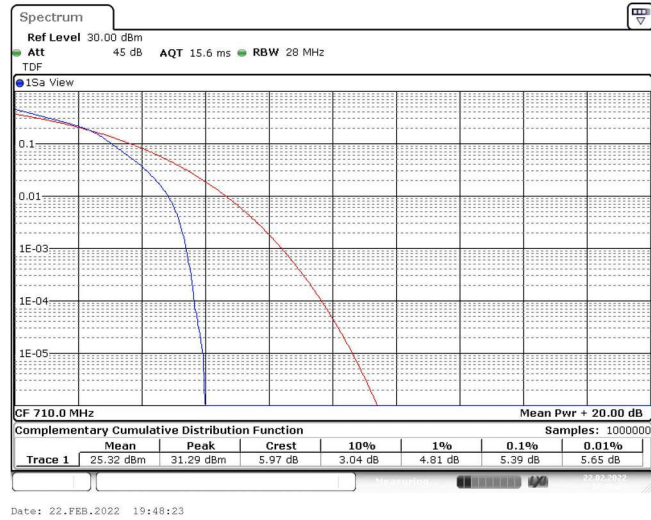
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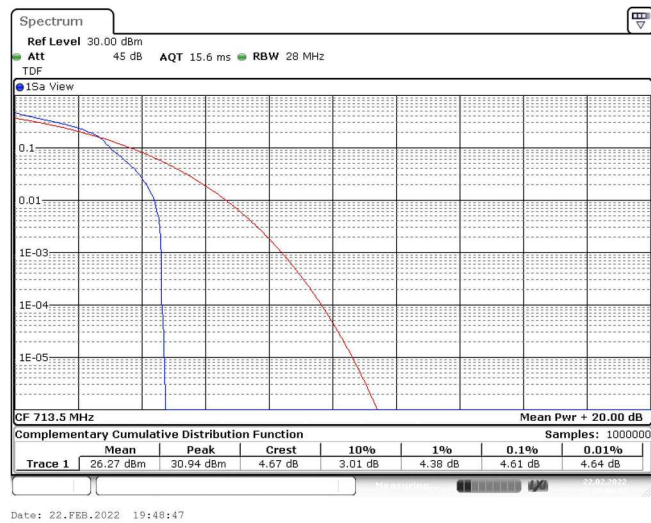
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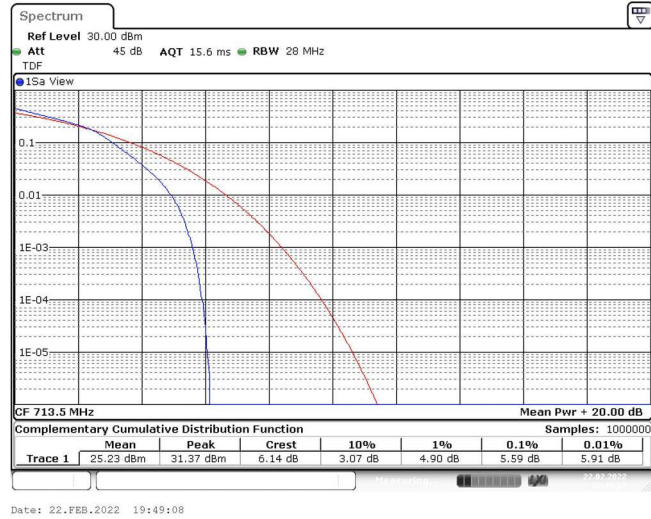
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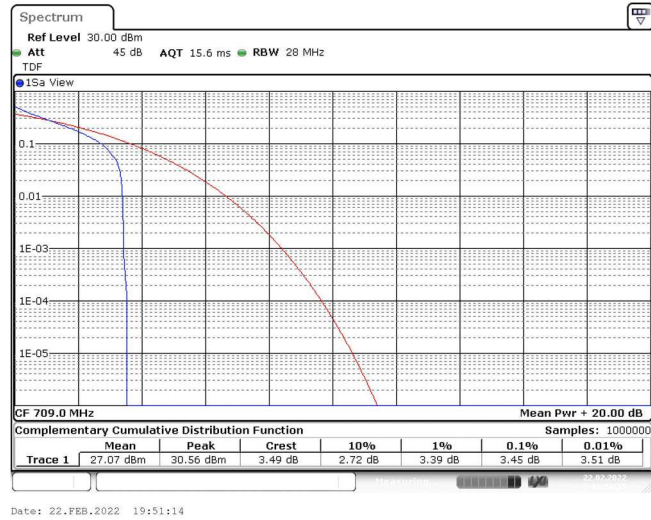
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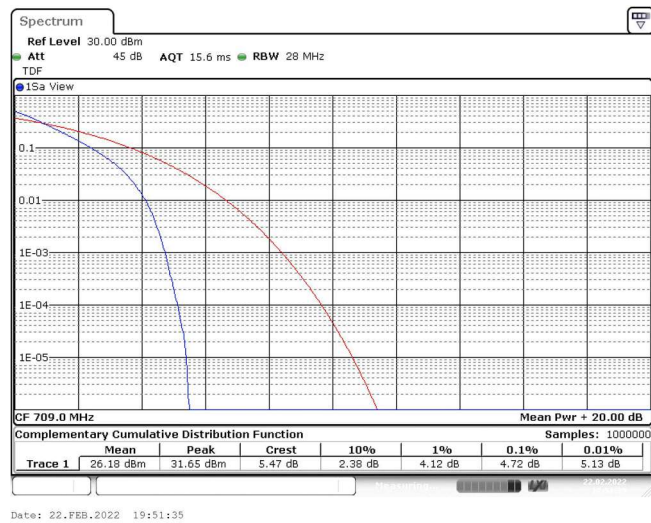
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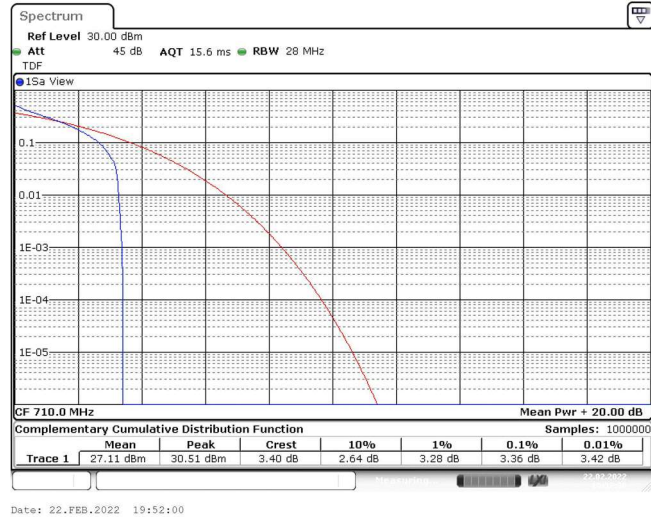
Band17-5MHz-16QAM-23825-25RB#0



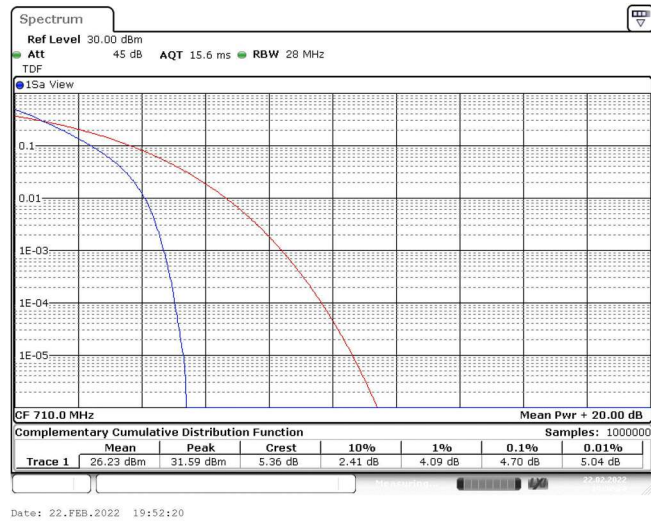
Band17-10MHz-QPSK-23780-1RB#0



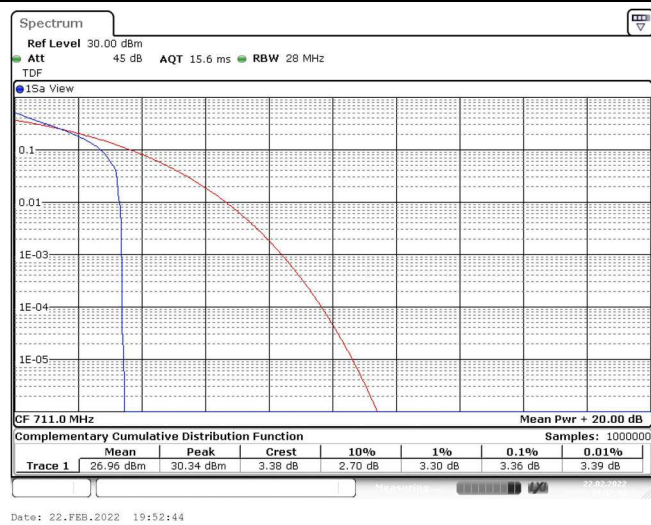
Band17-10MHz-QPSK-23780-50RB#0



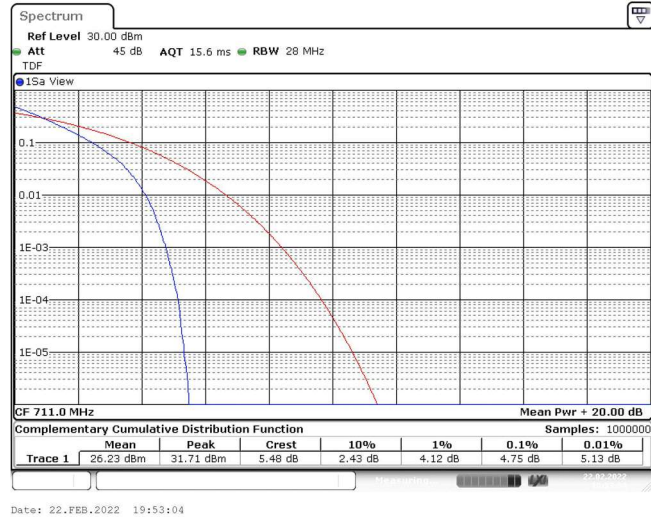
Band17-10MHz-QPSK-23790-1RB#0



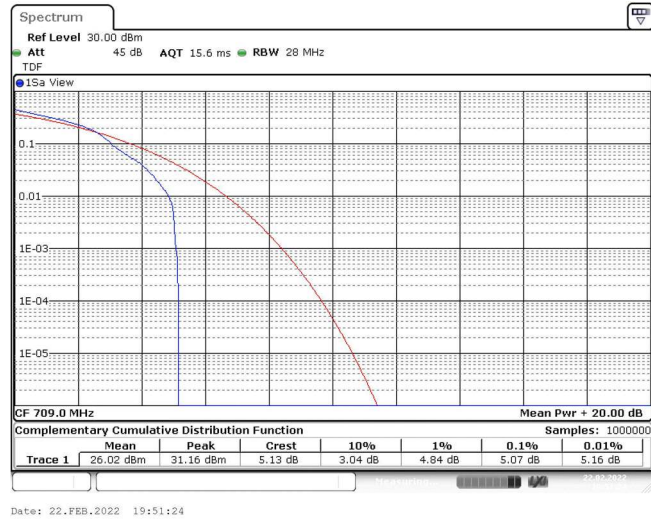
Band17-10MHz-QPSK-23790-50RB#0



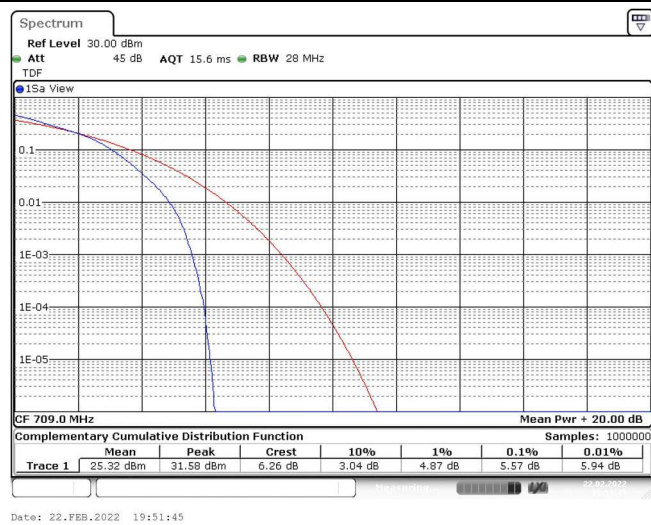
Band17-10MHz-QPSK-23800-1RB#0



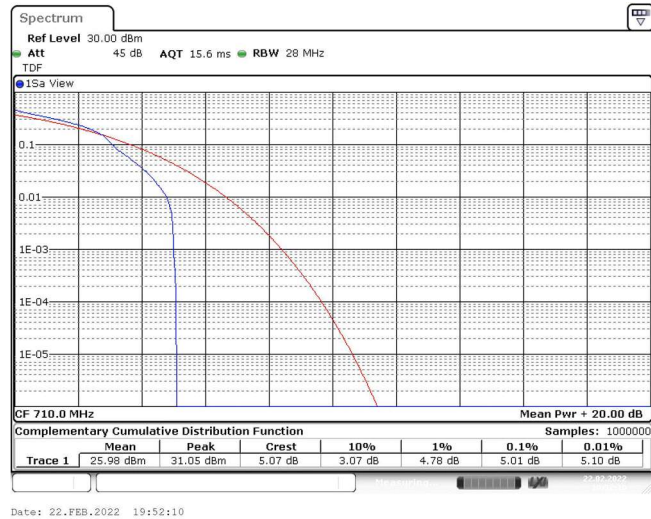
Band17-10MHz-QPSK-23800-50RB#0



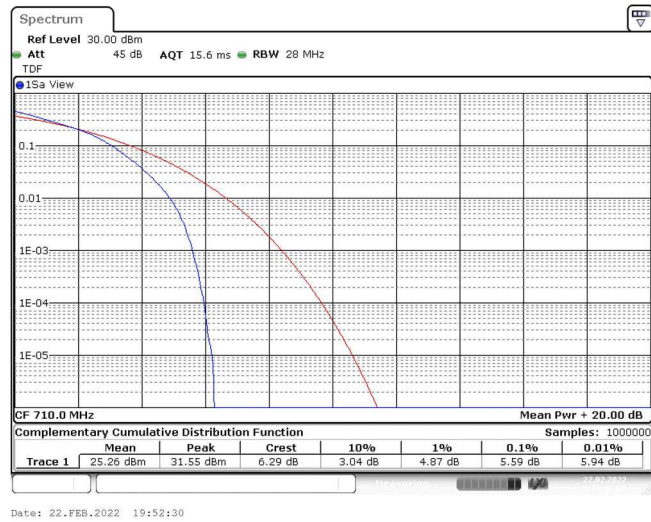
Band17-10MHz-16QAM-23780-1RB#0



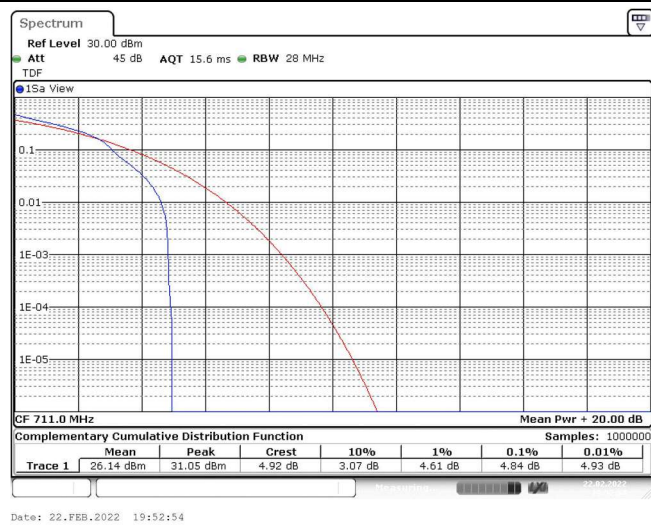
Band17-10MHz-16QAM-23780-50RB#0



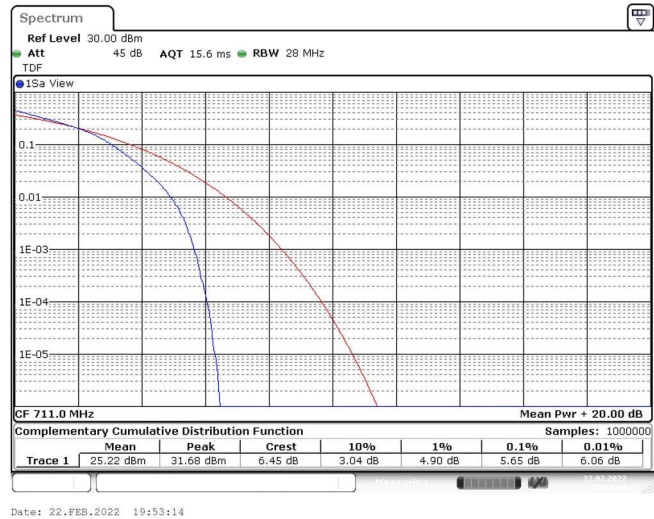
Band17-10MHz-16QAM-23790-1RB#0



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



Band17-10MHz-16QAM-23800-1RB#0



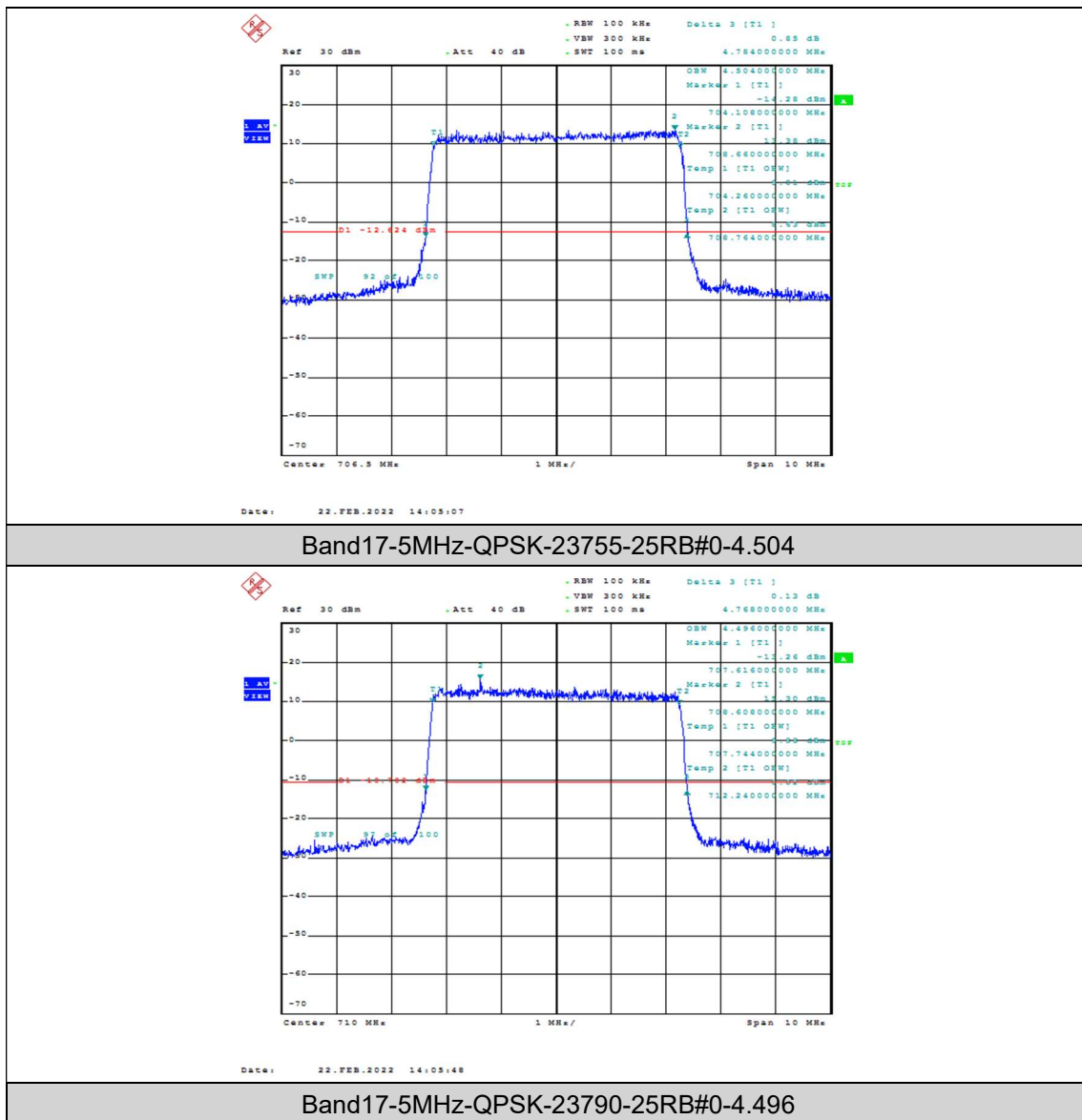
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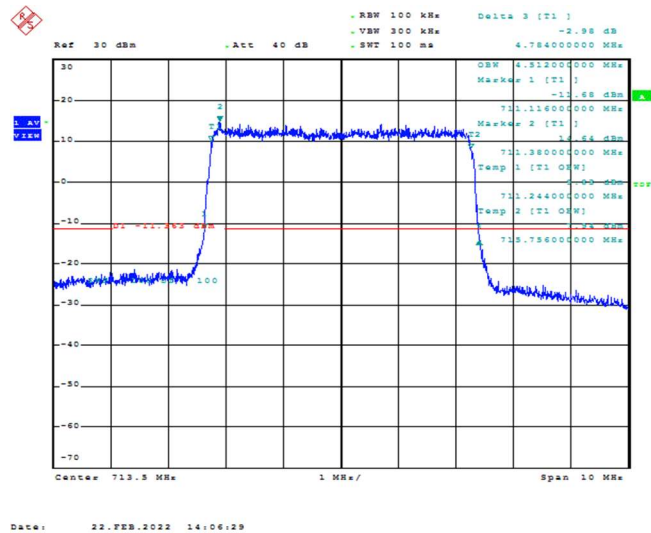
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

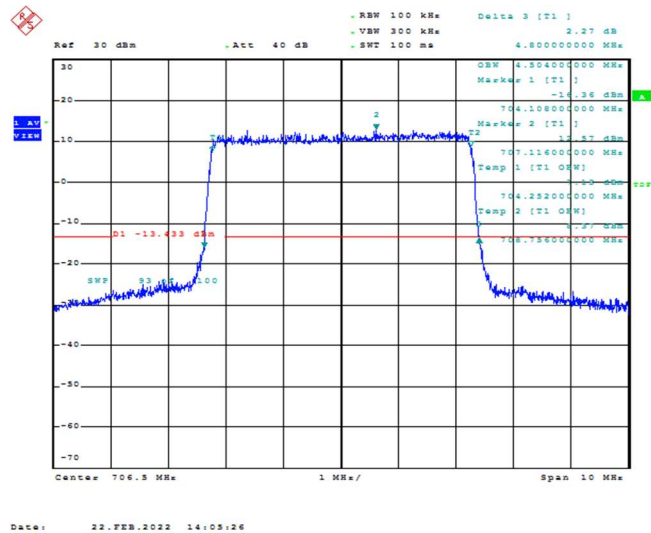
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.504	4.784	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.496	4.768	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.512	4.784	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.504	4.800	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.512	4.784	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.512	4.776	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.942	9.615	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.942	9.647	PASS
Band17	10MHz	QPSK	23800	50RB#0	9.006	9.647	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.974	9.615	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.942	9.615	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.974	9.647	PASS

Test Graphs

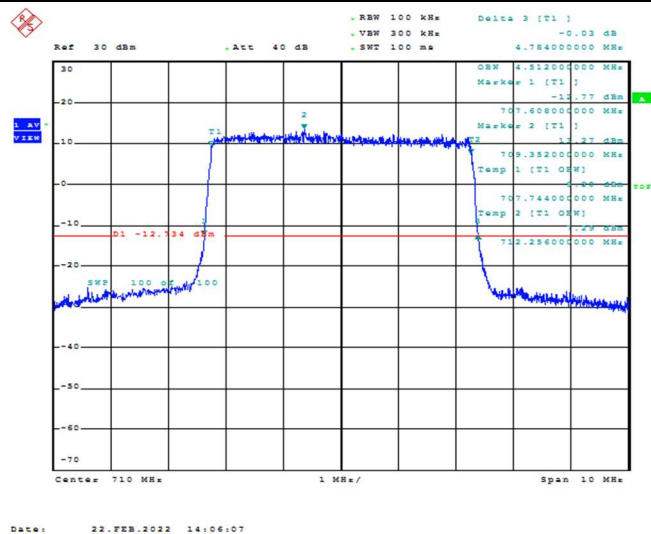




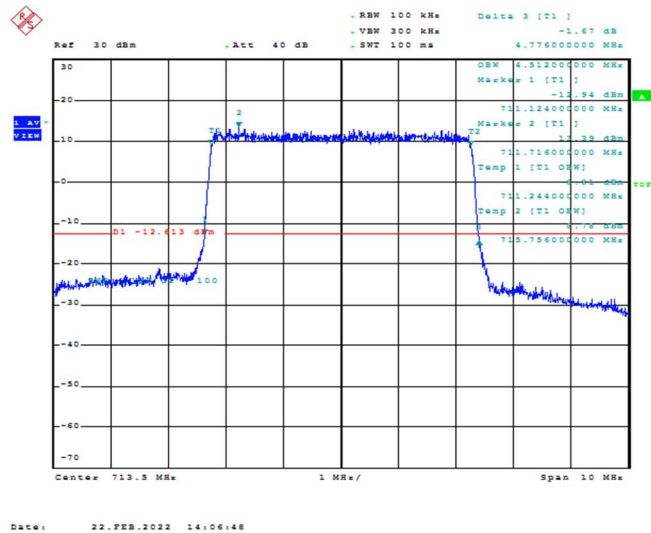
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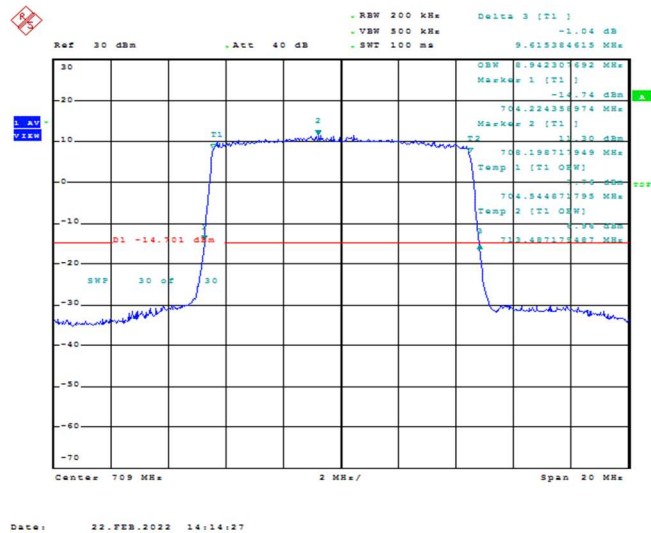
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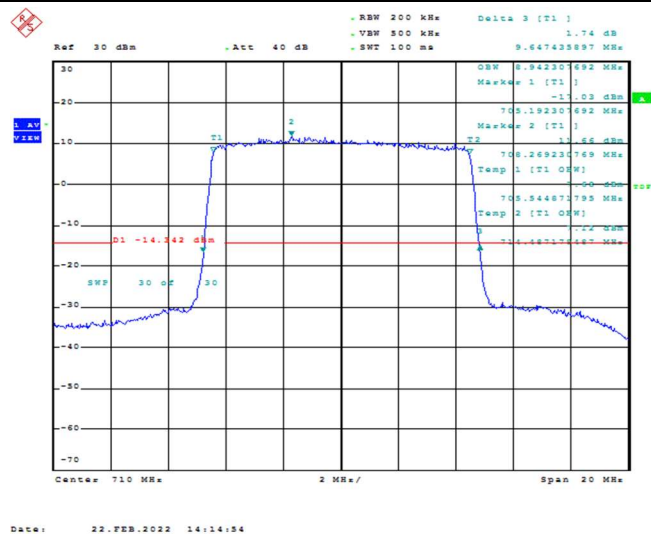
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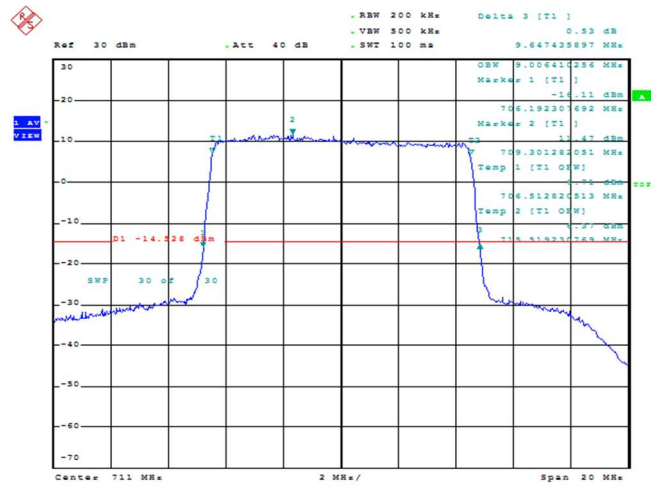
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Band17-10MHz-QPSK-23780-50RB#0-8.942

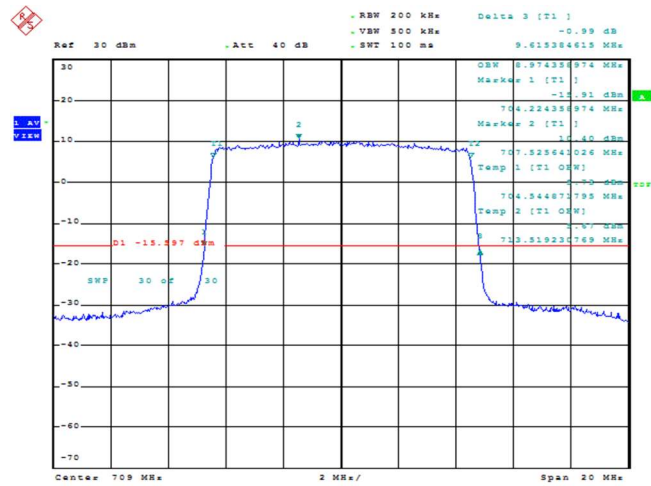


Band17-10MHz-QPSK-23790-50RB#0-8.942



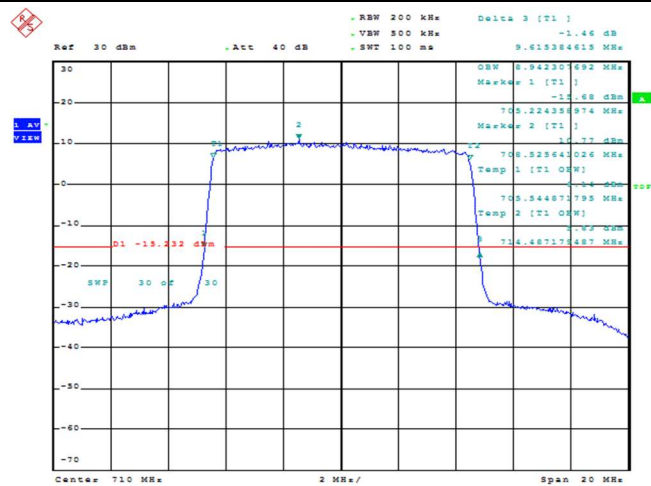
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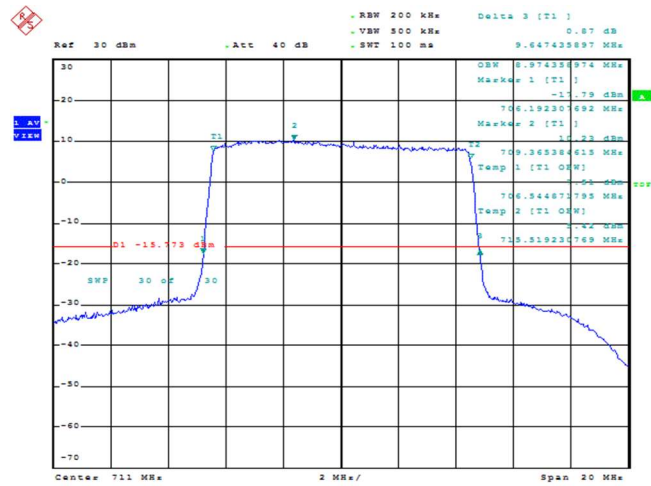
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Band17-10MHz-16QAM-23780-50RB#0-8.974



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Band17-10MHz-16QAM-23790-50RB#0-8.942



Date: 22.FEB.2022 14:15:31

Band17-10MHz-16QAM-23800-50RB#0-8.974

Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	-18.49	PASS
Band17	5MHz	QPSK	23755	1RB#24	-48.87	PASS
Band17	5MHz	QPSK	23755	25RB#0	-25.72	PASS
Band17	5MHz	QPSK	23825	1RB#0	-48.58	PASS
Band17	5MHz	QPSK	23825	1RB#24	-17.53	PASS
Band17	5MHz	QPSK	23825	25RB#0	-27.07	PASS
Band17	5MHz	16QAM	23755	1RB#0	-21.66	PASS
Band17	5MHz	16QAM	23755	1RB#24	-49.25	PASS
Band17	5MHz	16QAM	23755	25RB#0	-26.49	PASS
Band17	5MHz	16QAM	23825	1RB#0	-48.83	PASS
Band17	5MHz	16QAM	23825	1RB#24	-18.21	PASS
Band17	5MHz	16QAM	23825	25RB#0	-28.01	PASS
Band17	10MHz	QPSK	23780	1RB#0	-27.82,-21.14	PASS
Band17	10MHz	QPSK	23780	1RB#49	-48.49,-48.10	PASS
Band17	10MHz	QPSK	23780	50RB#0	-35.74,-33.72	PASS
Band17	10MHz	QPSK	23800	1RB#0	-48.17,-48.44	PASS
Band17	10MHz	QPSK	23800	1RB#49	-17.80,-24.41	PASS
Band17	10MHz	QPSK	23800	50RB#0	-31.82,-33.97	PASS
Band17	10MHz	16QAM	23780	1RB#0	-29.01,-22.57	PASS
Band17	10MHz	16QAM	23780	1RB#49	-48.66,-48.62	PASS
Band17	10MHz	16QAM	23780	50RB#0	-34.93,-33.30	PASS
Band17	10MHz	16QAM	23800	1RB#0	-48.61,-48.63	PASS
Band17	10MHz	16QAM	23800	1RB#49	-19.00,-25.76	PASS
Band17	10MHz	16QAM	23800	50RB#0	-32.58,-34.25	PASS