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Appendix B.9

LTE Band 17

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Wireless Laboratory

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Effective (Isotropic) Radiated Power Output Data for

SEWM2305000178RG01

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	22.83	22.13	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.13	22.43	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#24	22.87	22.17	34.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	22	21.3	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#0	22.93	22.23	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.22	22.52	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#24	22.82	22.12	34.77	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.04	21.34	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	22.87	22.17	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.17	22.47	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	22.88	22.18	34.77	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.01	21.31	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.21	21.51	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.46	21.76	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.24	21.54	34.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	20.94	20.24	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.31	21.61	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.47	21.77	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.17	21.47	34.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	21	20.3	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.1	21.4	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.31	21.61	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.14	21.44	34.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	20.97	20.27	34.77	PASS



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Band17	5MHz	64QAM	23755	1RB#0	20.97	20.27	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#12	21.31	20.61	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#24	21.05	20.35	34.77	PASS
Band17	5MHz	64QAM	23755	25RB#0	19.98	19.28	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#0	21.03	20.33	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#12	21.31	20.61	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#24	21	20.3	34.77	PASS
Band17	5MHz	64QAM	23790	25RB#0	20.01	19.31	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#0	21.05	20.35	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#12	21.29	20.59	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#24	21.08	20.38	34.77	PASS
Band17	5MHz	64QAM	23825	25RB#0	19.99	19.29	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	22.92	22.22	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.16	22.46	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#49	22.9	22.2	34.77	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.16	21.46	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#0	22.99	22.29	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.13	22.43	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#49	22.9	22.2	34.77	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.18	21.48	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	22.99	22.29	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.14	22.44	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#49	22.93	22.23	34.77	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.15	21.45	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.16	21.46	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.46	21.76	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.11	21.41	34.77	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.13	20.43	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.25	21.55	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.47	21.77	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.11	21.41	34.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.13	20.43	34.77	PASS



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Band17	10MHz	16QAM	23800	1RB#0	22.33	21.63	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.37	21.67	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.18	21.48	34.77	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.11	20.41	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#0	21.05	20.35	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#24	21.3	20.6	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#49	21.05	20.35	34.77	PASS
Band17	10MHz	64QAM	23780	50RB#0	20.13	19.43	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#0	21.09	20.39	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#24	21.28	20.58	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#49	21.08	20.38	34.77	PASS
Band17	10MHz	64QAM	23790	50RB#0	20.13	19.43	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#0	21.14	20.44	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#24	21.25	20.55	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#49	21.09	20.39	34.77	PASS
Band17	10MHz	64QAM	23800	50RB#0	20.1	19.4	34.77	PASS



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Effective (Isotropic) Radiated Power Output Data for

SEWM2309000392RG01

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	22.72	22.02	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#12	22.96	22.26	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#24	22.67	21.97	34.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	21.88	21.18	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#0	22.75	22.05	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.1	22.4	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#24	22.66	21.96	34.77	PASS
Band17	5MHz	QPSK	23790	25RB#0	21.88	21.18	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	22.76	22.06	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#12	22.94	22.24	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	22.72	22.02	34.77	PASS
Band17	5MHz	QPSK	23825	25RB#0	21.85	21.15	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#0	22	21.3	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.33	21.63	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.01	21.31	34.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	20.83	20.13	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.15	21.45	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.27	21.57	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#24	21.99	21.29	34.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	20.85	20.15	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#0	21.91	21.21	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.13	21.43	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#24	21.95	21.25	34.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	20.84	20.14	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#0	20.78	20.08	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#12	21.16	20.46	34.77	PASS



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Band17	5MHz	64QAM	23755	25RB#0	19.82	19.12	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#0	20.89	20.19	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#12	21.13	20.43	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#24	20.86	20.16	34.77	PASS
Band17	5MHz	64QAM	23790	25RB#0	19.84	19.14	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#0	20.88	20.18	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#12	21.15	20.45	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#24	20.93	20.23	34.77	PASS
Band17	5MHz	64QAM	23825	25RB#0	19.78	19.08	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	22.8	22.1	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#24	22.96	22.26	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#49	22.75	22.05	34.77	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.01	21.31	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#0	22.82	22.12	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#24	22.9	22.2	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#49	22.7	22	34.77	PASS
Band17	10MHz	QPSK	23790	50RB#0	21.95	21.25	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	22.78	22.08	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#24	22.95	22.25	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#49	22.75	22.05	34.77	PASS
Band17	10MHz	QPSK	23800	50RB#0	21.96	21.26	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.01	21.31	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.26	21.56	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#49	21.88	21.18	34.77	PASS
Band17	10MHz	16QAM	23780	50RB#0	20.9	20.2	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.06	21.36	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.28	21.58	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	21.97	21.27	34.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	20.95	20.25	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.15	21.45	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.16	21.46	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.02	21.32	34.77	PASS
Band17	10MHz	16QAM	23800	50RB#0	20.94	20.24	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#0	20.9	20.2	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#24	21.07	20.37	34.77	PASS



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Band17	10MHz	64QAM	23780	50RB#0	20.01	19.31	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#0	20.89	20.19	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#24	21.14	20.44	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#49	20.95	20.25	34.77	PASS
Band17	10MHz	64QAM	23790	50RB#0	19.9	19.2	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#0	20.92	20.22	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#24	21.13	20.43	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#49	20.9	20.2	34.77	PASS
Band17	10MHz	64QAM	23800	50RB#0	19.93	19.23	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	5.02	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.00	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.06	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	5.86	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.44	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	5.88	13	PASS
Band17	10MHz	64QAM	23780	50RB#0	6.14	13	PASS
Band17	10MHz	64QAM	23790	50RB#0	6.20	13	PASS
Band17	10MHz	64QAM	23800	50RB#0	6.22	13	PASS



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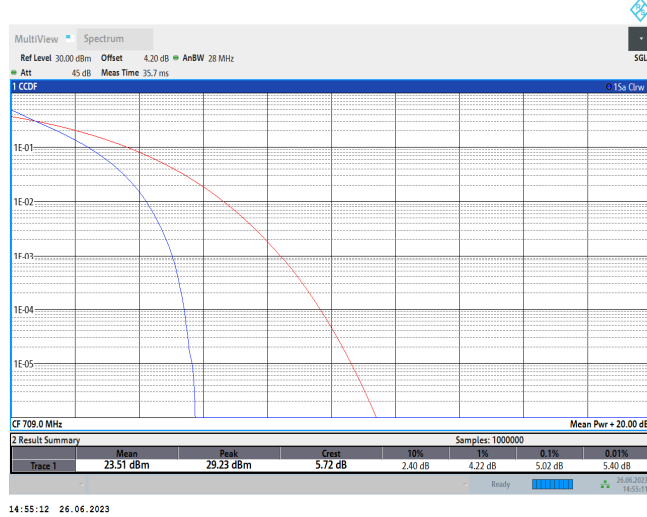
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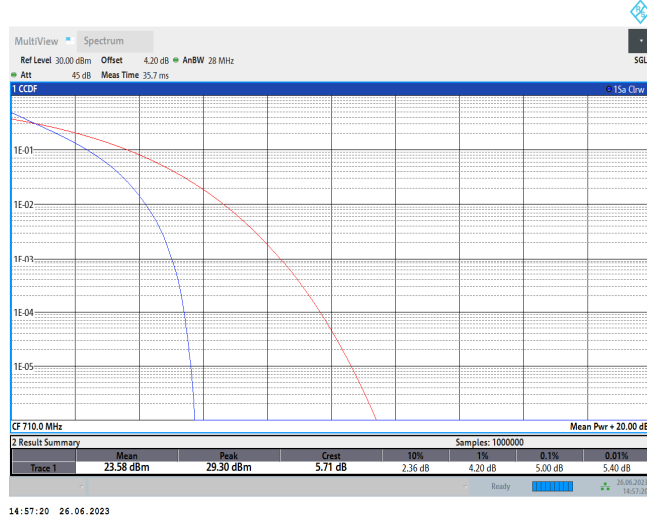
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Test Graphs

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



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



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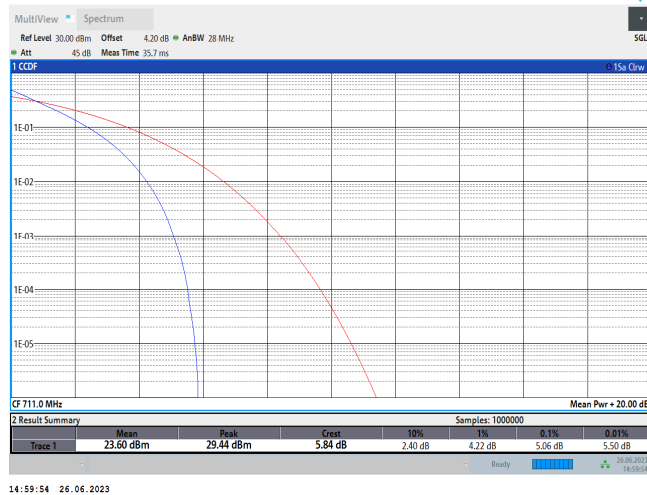
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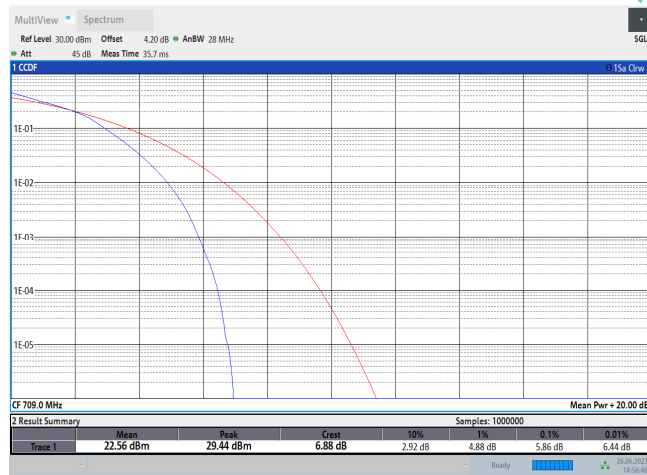
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Band17-10MHz-QPSK-23800-50RB#0



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



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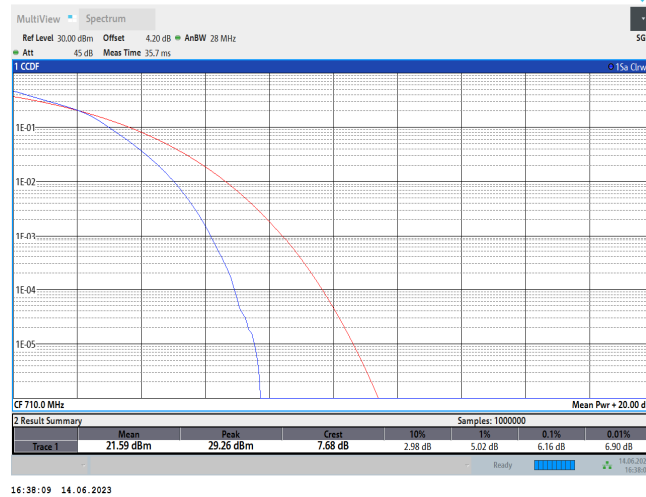
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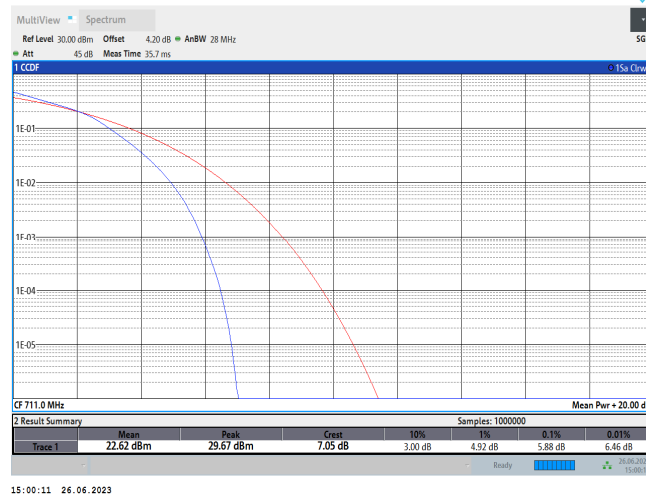
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Band17-10MHz-16QAM-23790-50RB#0



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



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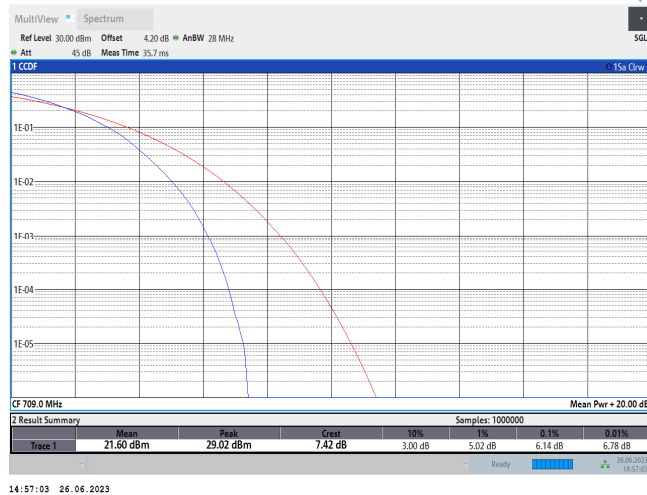
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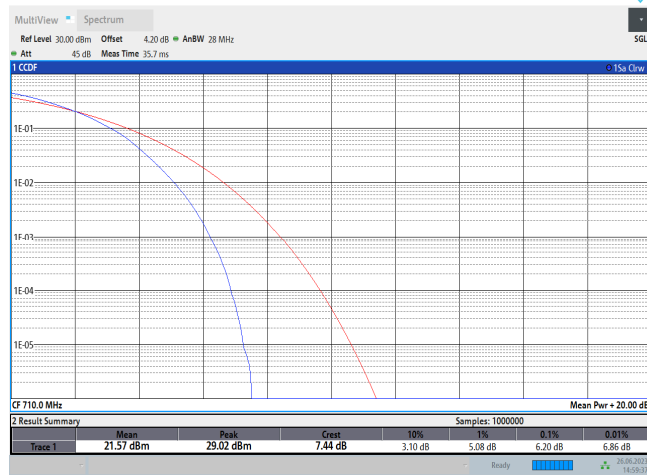
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Band17-10MHz-64QAM-23790-50RB#0



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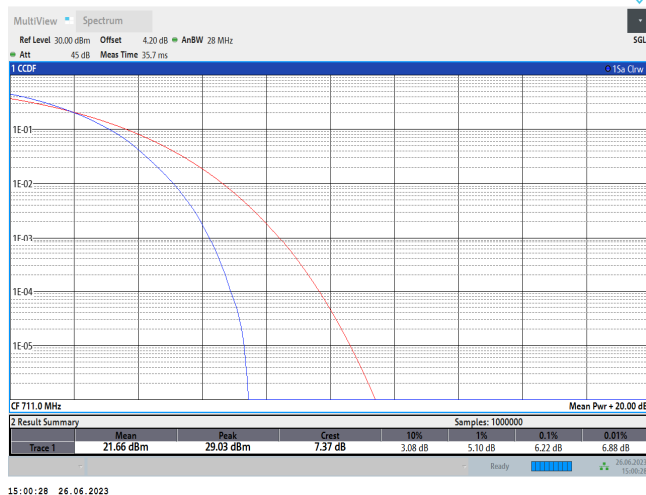
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Band17-10MHz-64QAM-23800-50RB#0



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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	4.461	4.91	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.484	4.95	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.490	4.91	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.465	5.00	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.461	4.93	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.474	4.95	PASS
Band17	5MHz	64QAM	23755	25RB#0	4.490	4.98	PASS
Band17	5MHz	64QAM	23790	25RB#0	4.463	4.97	PASS
Band17	5MHz	64QAM	23825	25RB#0	4.485	4.92	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.955	9.77	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.956	9.70	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.942	9.70	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.926	9.53	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.942	9.50	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.960	9.60	PASS
Band17	10MHz	64QAM	23780	50RB#0	8.936	9.57	PASS
Band17	10MHz	64QAM	23790	50RB#0	8.932	9.63	PASS
Band17	10MHz	64QAM	23800	50RB#0	8.961	9.43	PASS



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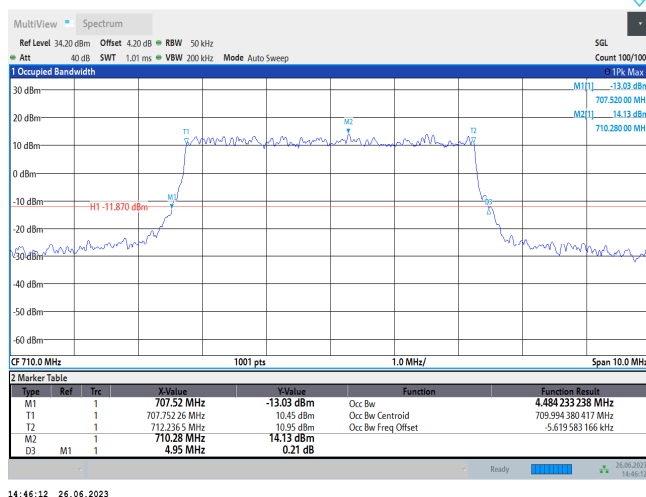
Test Graphs

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



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



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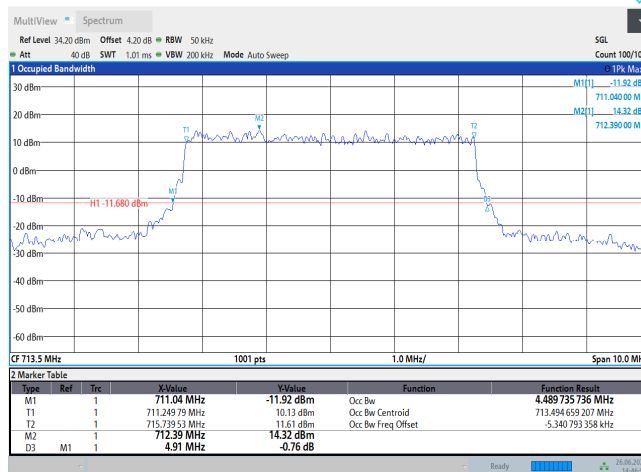
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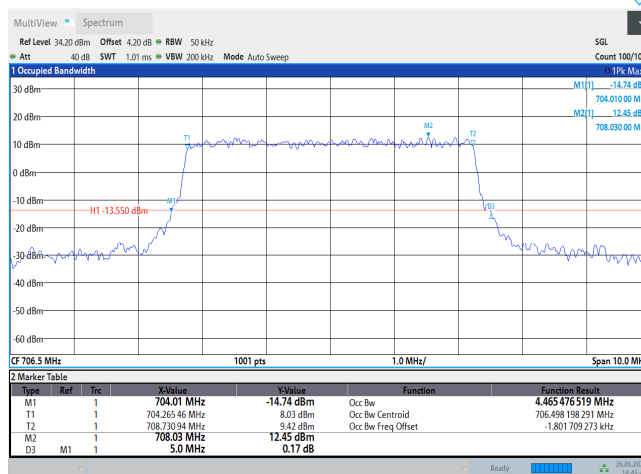
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Band17-5MHz-QPSK-23825-25RB#0



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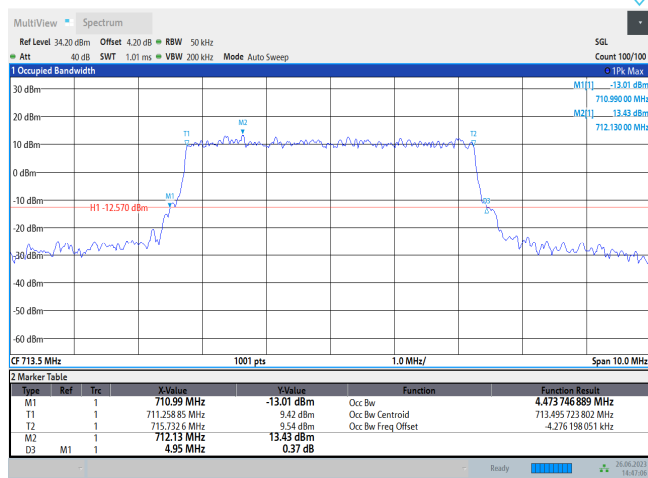
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Band17-5MHz-16QAM-23790-25RB#0



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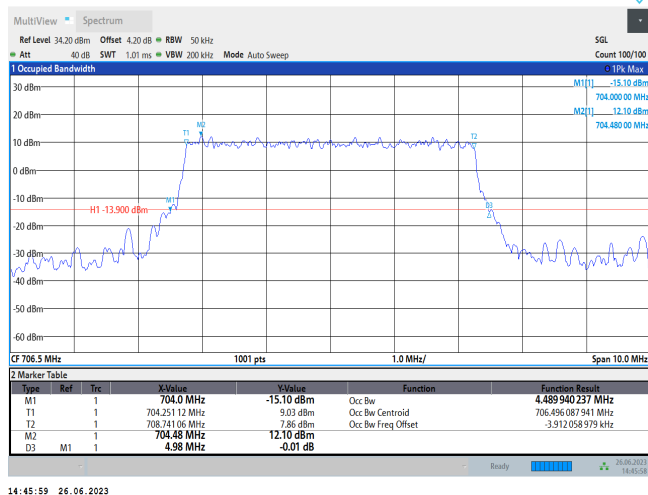
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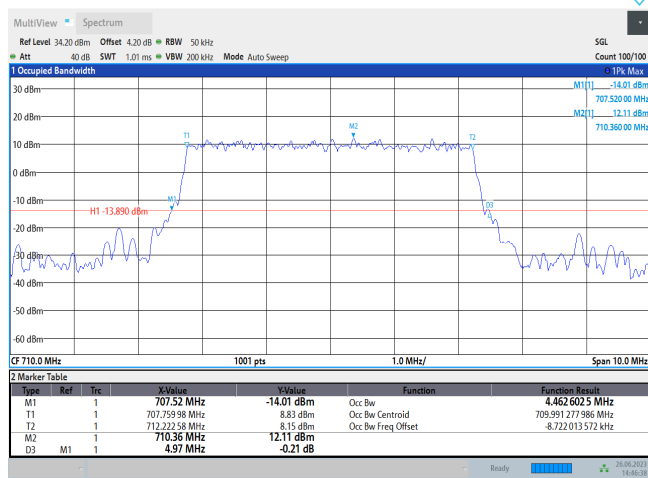
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Band17-5MHz-64QAM-23790-25RB#0



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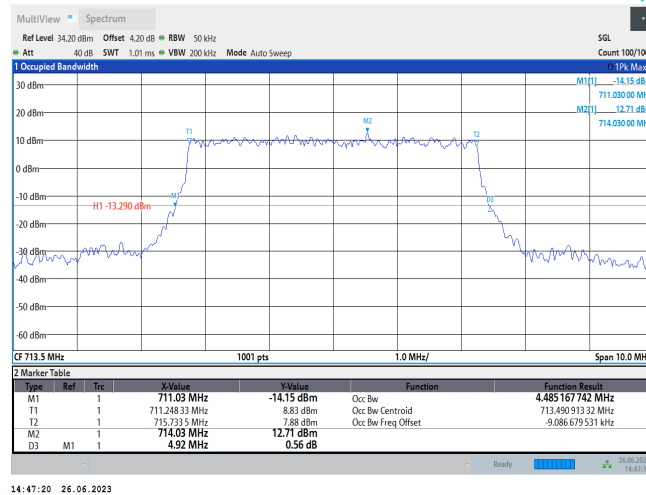
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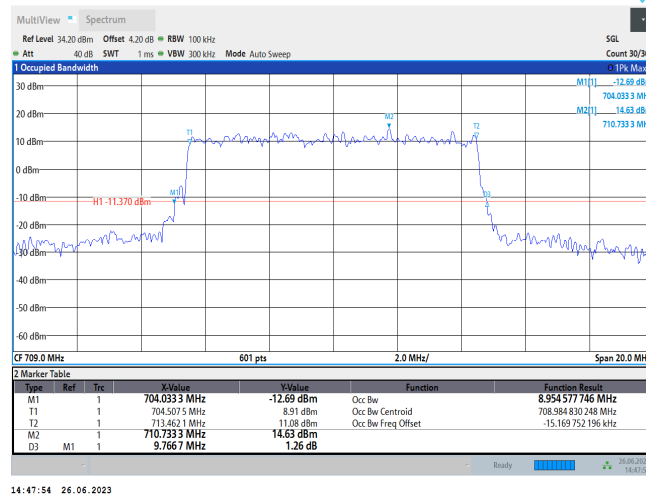
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Band17-5MHz-64QAM-23825-25RB#0



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



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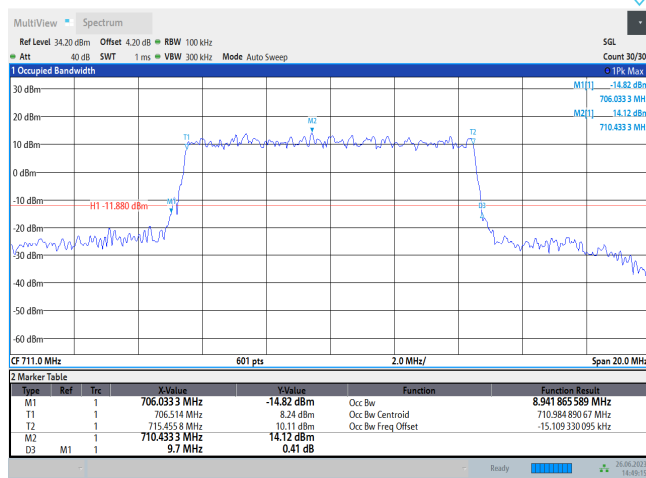
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Band17-10MHz-QPSK-23790-50RB#0



14:48:35 26.06.2023

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



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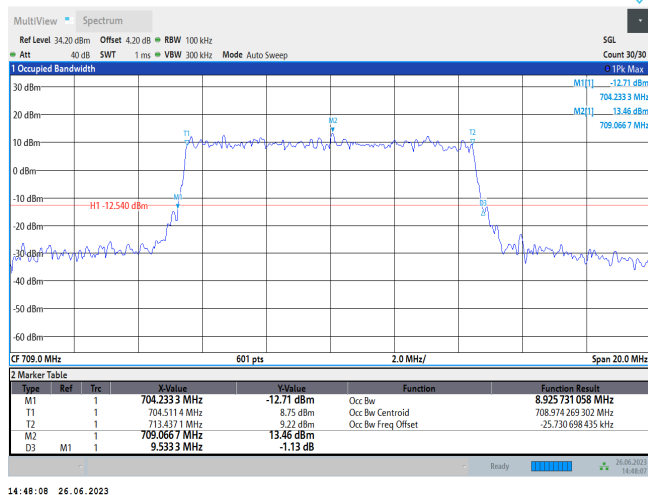
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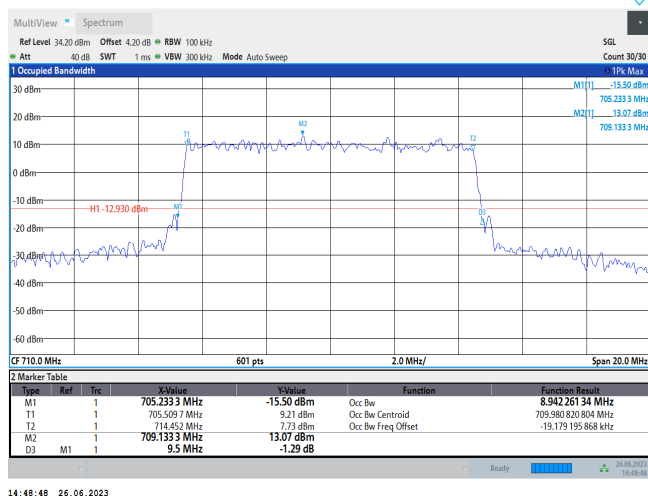
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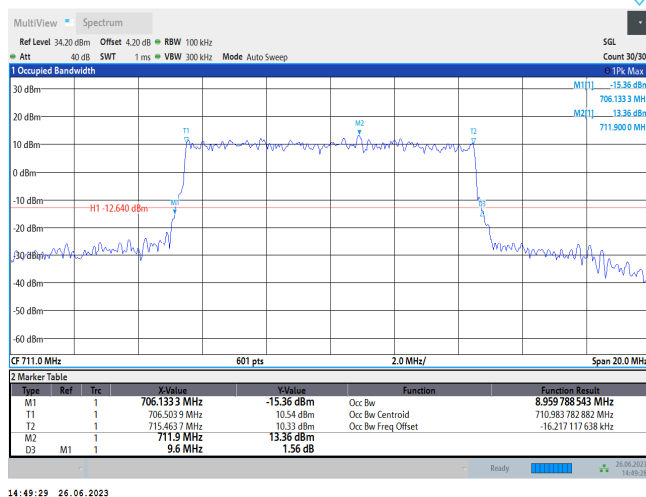
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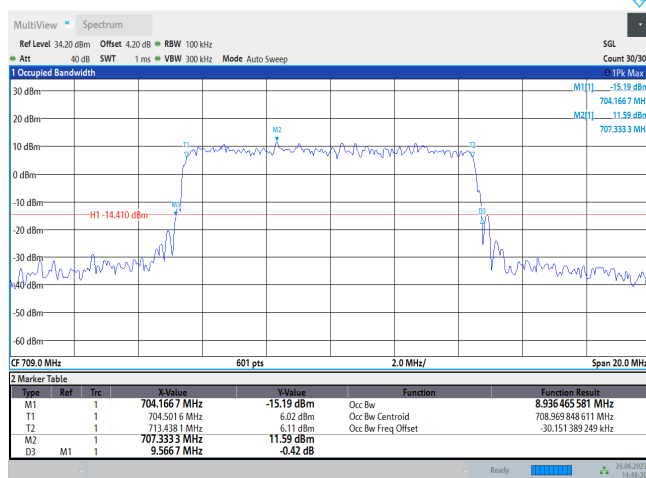
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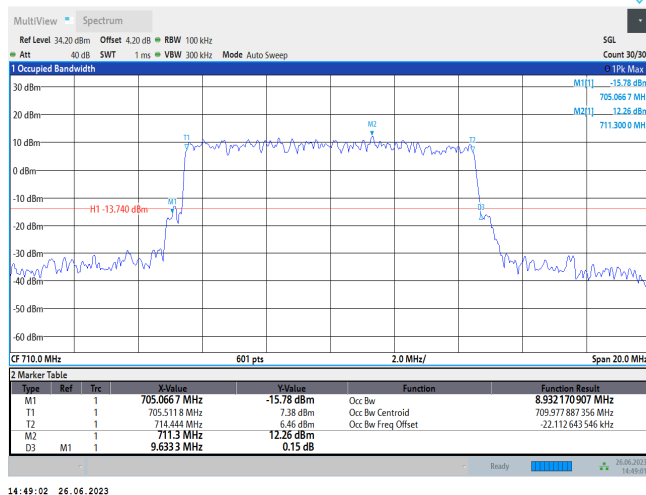
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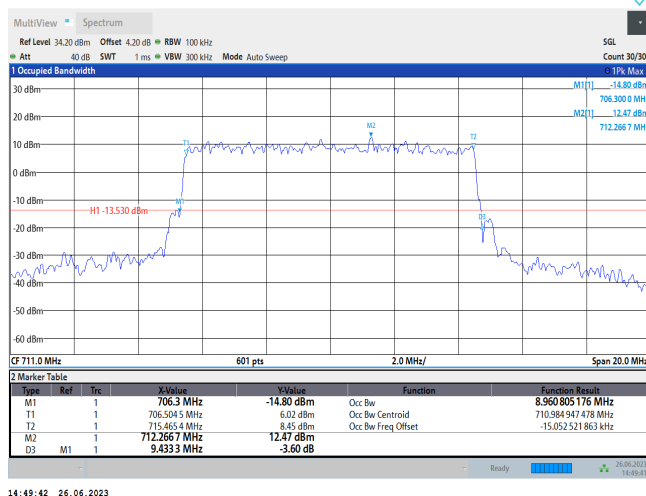
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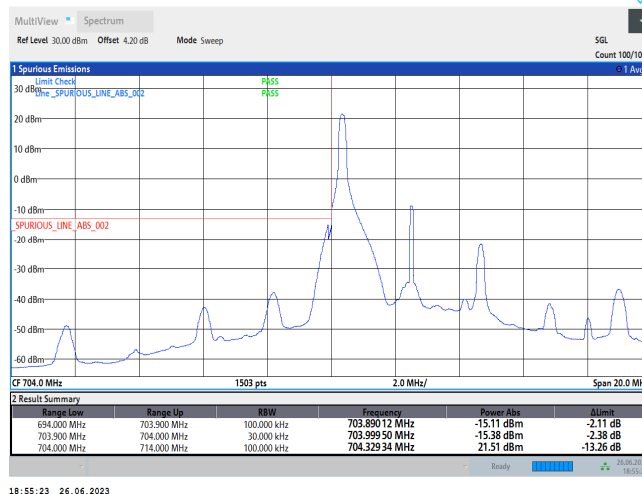
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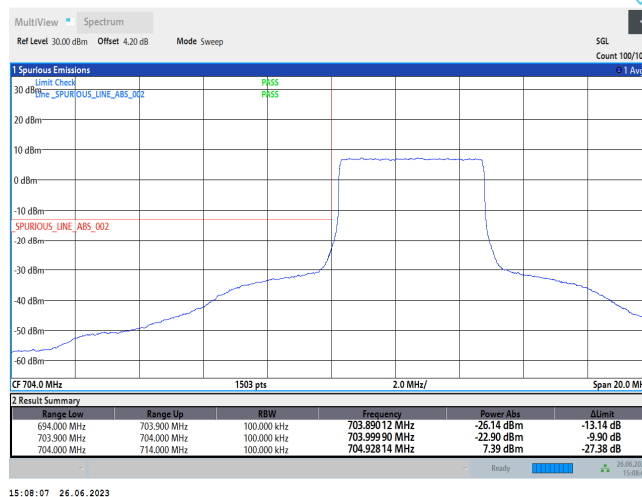
Band Edge

Test Graphs

Band17-5MHz-QPSK-23755-1RB#0



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



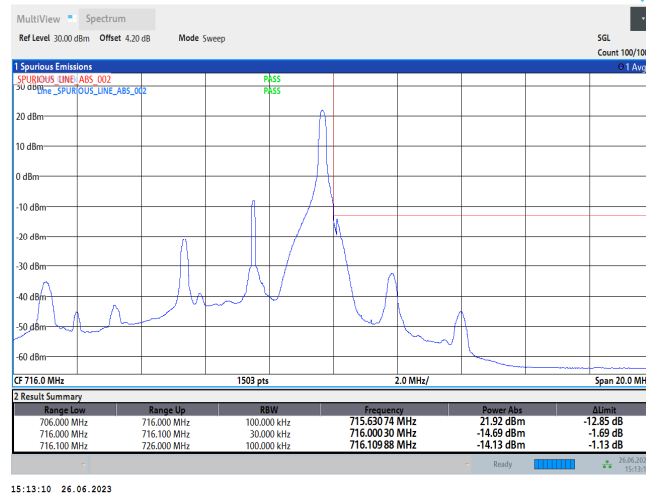
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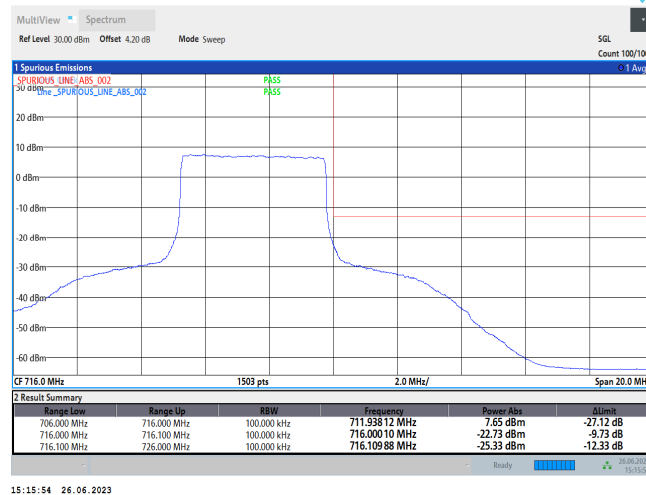
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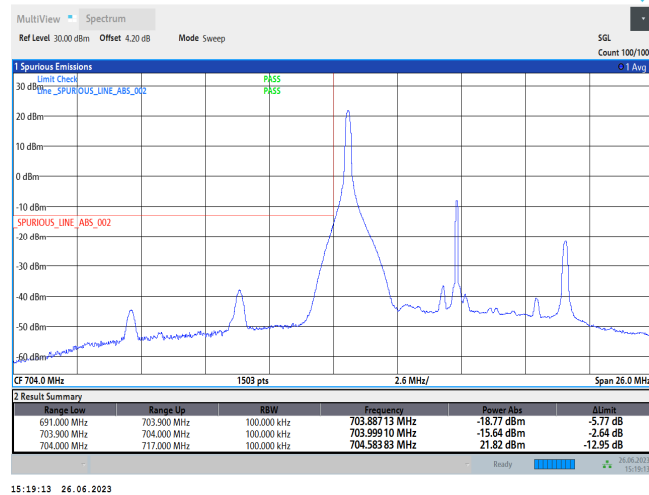
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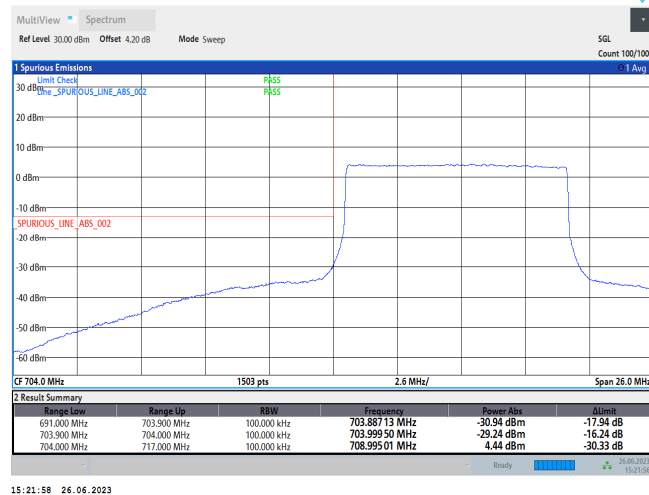
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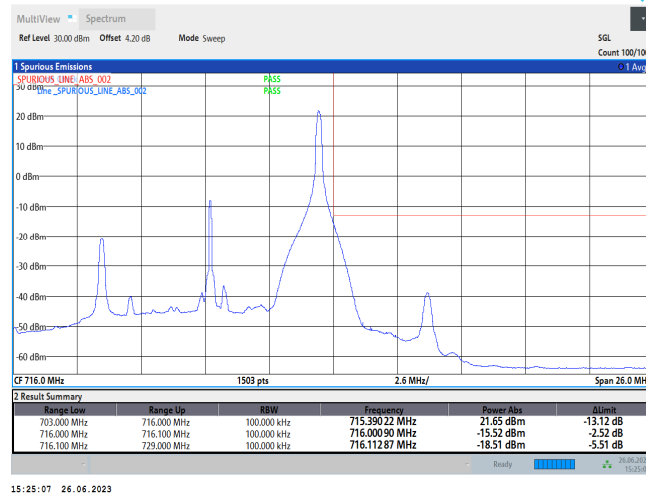
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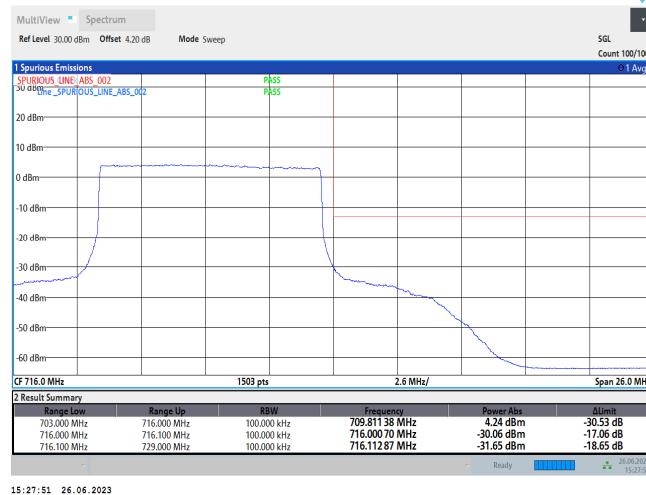
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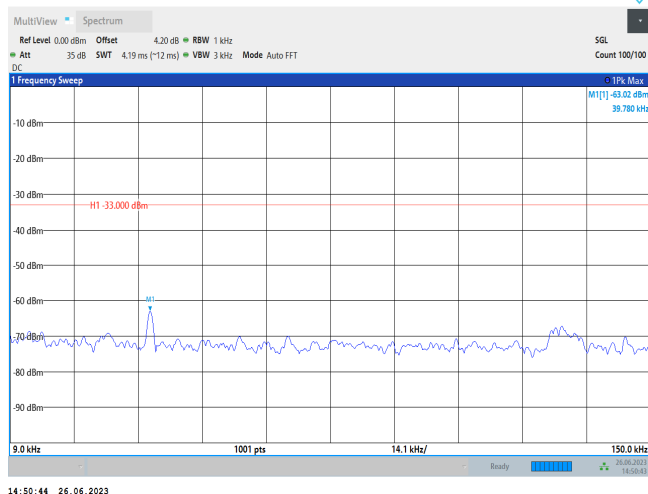
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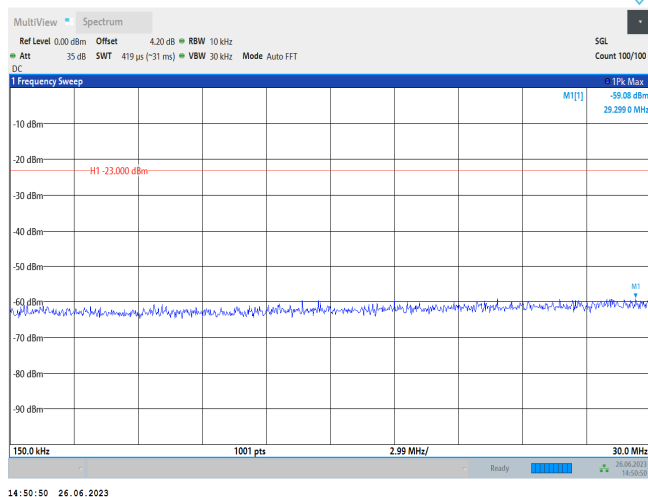
Conducted Spurious Emission

Test Graphs

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Band17-10MHz-QPSK-23780-1RB#0-Range2:0.15~30MHz



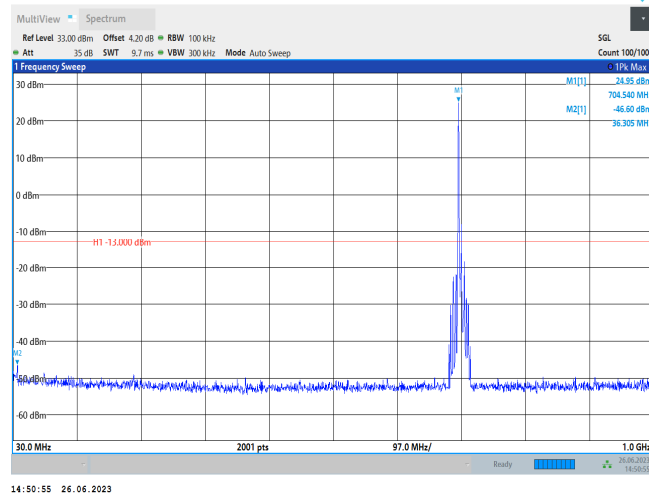
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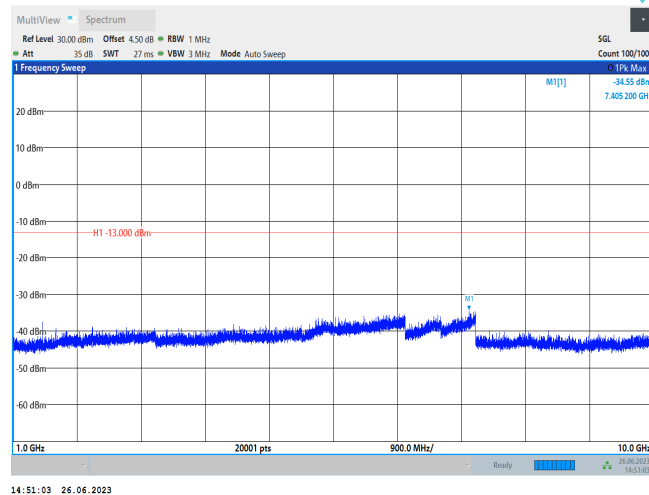
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Band17-10MHz-QPSK-23780-1RB#0-Range4:1000~10000MHz



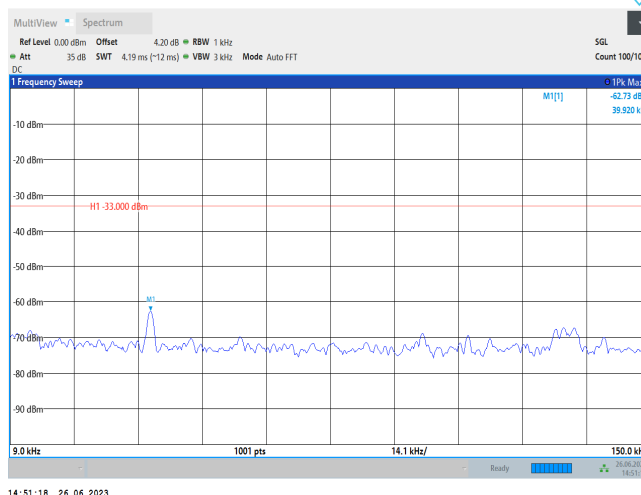
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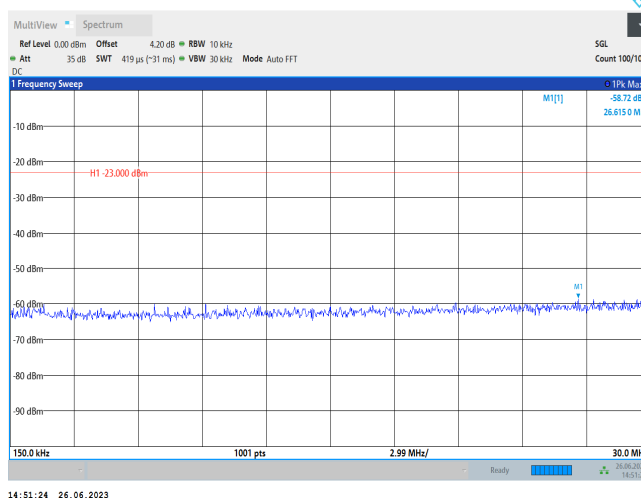
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Band17-10MHz-QPSK-23790-1RB#0-Range1:0.009~0.15MHz



Band17-10MHz-QPSK-23790-1RB#0-Range2:0.15~30MHz



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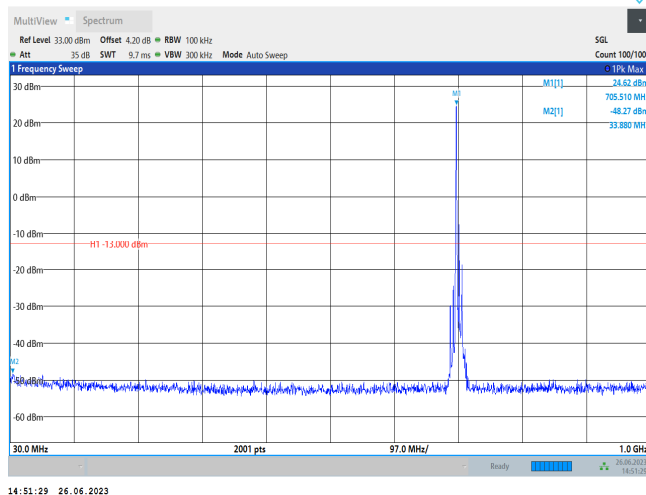
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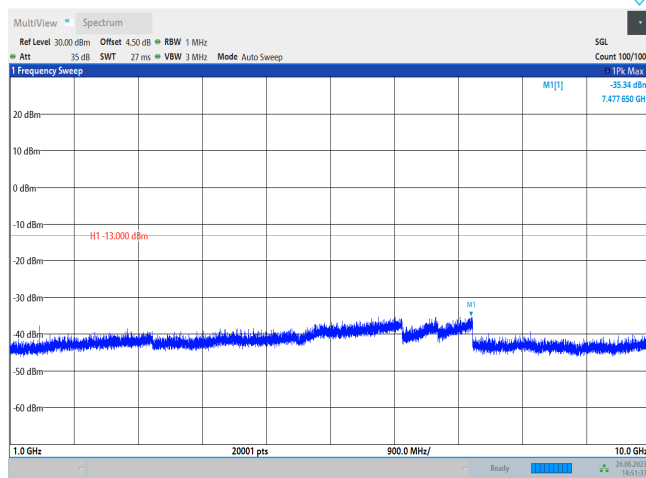
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Band17-10MHz-QPSK-23790-1RB#0-Range3:30~1000MHz



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Band17-10MHz-QPSK-23790-1RB#0-Range4:1000~10000MHz



14:51:38 26.06.2023



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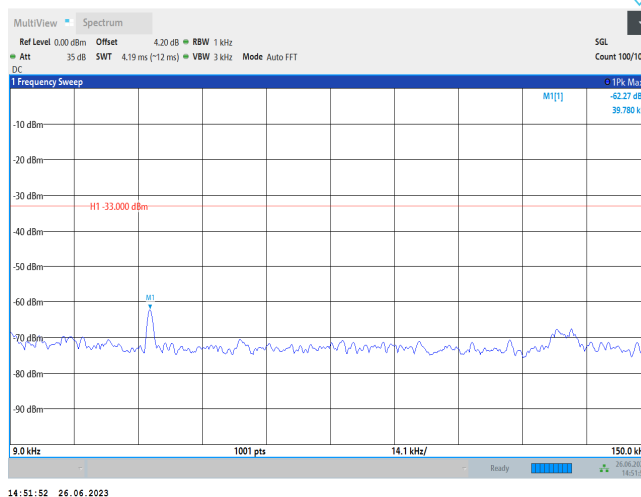
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Report No.: SEWM2309000392RG01

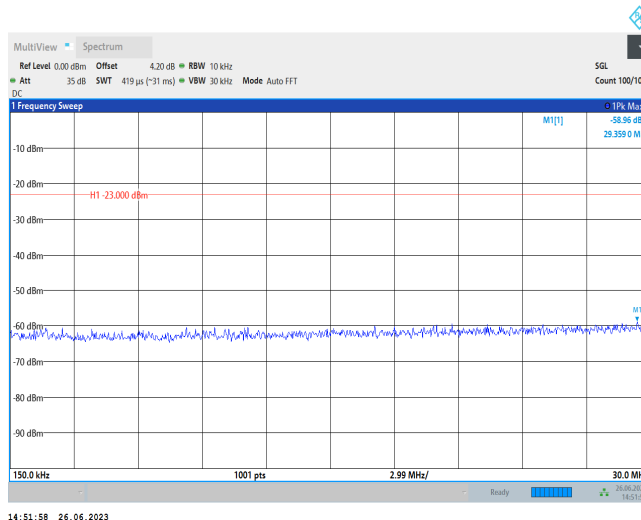
Rev.: 01

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Band17-10MHz-QPSK-23800-1RB#0-Range1:0.009~0.15MHz



Band17-10MHz-QPSK-23800-1RB#0-Range2:0.15~30MHz



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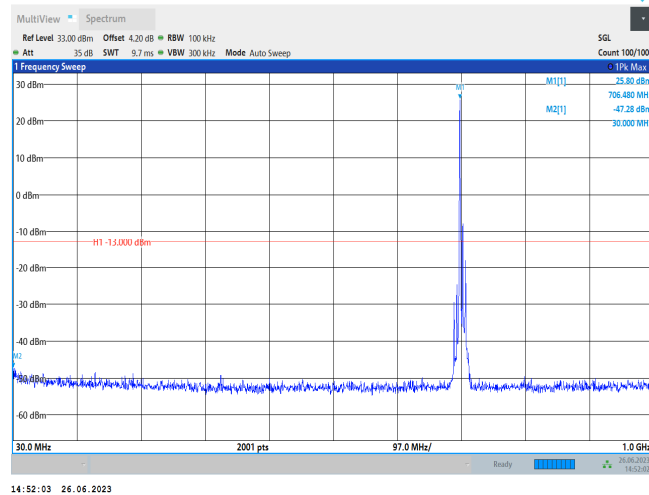
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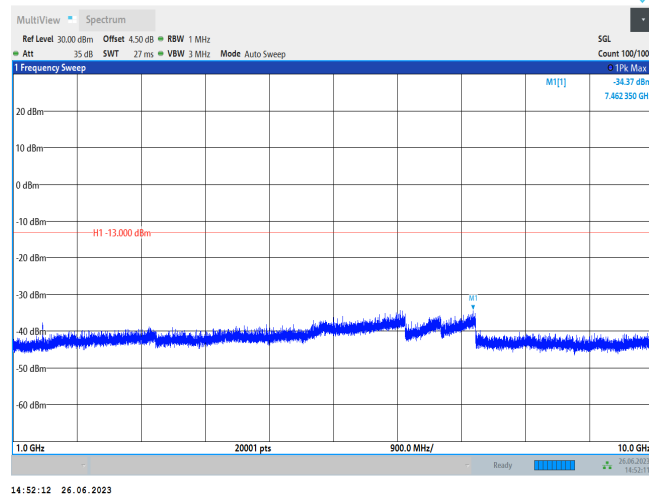
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Band17-10MHz-QPSK-23800-1RB#0-Range3:30~1000MHz



Band17-10MHz-QPSK-23800-1RB#0-Range4:1000~10000MHz



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Field Strength of Spurious Radiation

Test Band = LTE Band17_10MHz_ TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1409.1429	90.69	-48.03	25.61	-26.99	-13.00	13.99	245	282	Horizontal
2	2113.7143	82.35	-47.71	27.04	-33.58	-13.00	20.58	126	256	Horizontal
3	2818.2857	66.89	-46.86	28.56	-46.67	-13.00	33.67	125	29	Horizontal
4	3522.8571	66.73	-46.49	29.54	-45.48	-13.00	32.48	195	122	Horizontal
5	4227.5400	61.26	-45.91	31.16	-48.75	-13.00	35.75	148	189	Horizontal
6	4932	57.81	-45.65	32.69	-50.41	-13.00	37.41	133	55	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1409.1429	85.97	-48.03	25.61	-31.71	-13.00	18.71	245	360	Vertical
2	2113.7700	81.17	-47.71	27.04	-34.76	-13.00	21.76	132	132	Vertical
3	2818.2857	69.79	-46.86	28.56	-43.77	-13.00	30.77	126	145	Vertical
4	3522.9500	60.84	-46.49	29.54	-51.37	-13.00	38.37	259	171	Vertical
5	4227.4286	63.25	-45.91	31.16	-46.76	-13.00	33.76	145	65	Vertical
6	4932.1300	54.73	-45.65	32.69	-53.49	-13.00	40.49	199	25	Vertical



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Test Band = LTE Band 17_10MHz _ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1411.1800	57.60	-48.04	25.11	-60.59	-13.00	47.59	103	92	Horizontal
2	2116.5714	46.66	-47.71	26.23	-70.08	-13.00	57.08	187	340	Horizontal
3	2822.3600	43.50	-46.84	27.95	-70.65	-13.00	57.65	259	262	Horizontal
4	3527.9500	42.28	-46.48	28.63	-70.84	-13.00	57.84	145	72	Horizontal
5	4233.5400	40.75	-45.90	29.66	-70.75	-13.00	57.75	132	72	Horizontal
6	4939.1300	41.06	-45.67	31.27	-68.60	-13.00	55.60	155	191	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1411.1800	50.16	-48.04	25.11	-68.03	-13.00	55.03	142	109	Vertical
2	2116.7700	43.58	-47.70	26.23	-73.16	-13.00	60.16	169	300	Vertical
3	2822.3600	43.39	-46.84	27.95	-70.76	-13.00	57.76	132	318	Vertical
4	3527.9500	43.07	-46.48	28.63	-70.05	-13.00	57.05	254	21	Vertical
5	4233.5400	41.44	-45.90	29.66	-70.06	-13.00	57.06	169	12	Vertical
6	4939.1300	41.72	-45.67	31.27	-67.94	-13.00	54.94	147	229	Vertical



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Test Band = LTE Band 17_10MHz _ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.1429	54.12	-48.04	25.11	-64.08	-13.00	51.08	212	354	Horizontal
2	2119.7700	45.19	-47.70	26.24	-71.54	-13.00	58.54	187	170	Horizontal
3	2826.3600	42.92	-46.83	27.95	-71.21	-13.00	58.21	169	141	Horizontal
4	3532.9500	41.96	-46.47	28.63	-71.14	-13.00	58.14	132	279	Horizontal
5	4239.5400	40.87	-45.89	29.68	-70.60	-13.00	57.60	225	200	Horizontal
6	4946.1300	41.43	-45.69	31.28	-68.23	-13.00	55.23	104	170	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.1429	49.57	-48.04	25.11	-68.63	-13.00	55.63	114	278	Vertical
2	2119.7700	43.92	-47.70	26.24	-72.81	-13.00	59.81	187	12	Vertical
3	2826.3600	42.90	-46.83	27.95	-71.23	-13.00	58.23	169	219	Vertical
4	3532.9500	42.51	-46.47	28.63	-70.59	-13.00	57.59	132	40	Vertical
5	4239.5400	40.96	-45.89	29.68	-70.51	-13.00	57.51	225	0	Vertical
6	4946.1300	41.20	-45.69	31.28	-68.46	-13.00	55.46	147	129	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	-6.40	-0.009014	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-2.50	-0.003521	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	-7.60	-0.010704	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	-8.70	-0.012254	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-5.50	-0.007746	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	-7.00	-0.009859	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-5.20	-0.007324	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-2.40	-0.003380	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-6.80	-0.009577	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-0.50	-0.000704	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-4.90	-0.006901	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	-3.90	-0.005493	PASS

---End of Attachment---



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