

Report No.: SEWM2212000297RG01

Rev.: 01

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Appendix B.8

LTE Band 17



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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
Band17	5MHz	QPSK	23755	1RB#0	23.04	22.19	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.06	22.21	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#24	22.92	22.07	34.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.06	21.21	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.21	22.36	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#12	22.98	22.13	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#24	22.89	22.04	34.77	PASS
Band17	5MHz	QPSK	23790	25RB#0	21.91	21.06	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.05	22.20	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#12	22.8	21.95	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	22.74	21.89	34.77	PASS
Band17	5MHz	QPSK	23825	25RB#0	21.77	20.92	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.23	21.38	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.15	21.30	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	21.96	21.11	34.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.07	20.22	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.13	21.28	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.03	21.18	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#24	21.8	20.95	34.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	20.85	20.00	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#0	21.98	21.13	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#12	21.88	21.03	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#24	21.9	21.05	34.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	20.76	19.91	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#0	21.3	20.45	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#12	21.22	20.37	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#24	21.07	20.22	34.77	PASS



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Band17	5MHz	64QAM	23755	25RB#0	20.05	19.20	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#0	20.98	20.13	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#12	20.99	20.14	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#24	21.12	20.27	34.77	PASS
Band17	5MHz	64QAM	23790	25RB#0	19.83	18.98	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#0	21.01	20.16	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#12	21.11	20.26	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#24	20.85	20.00	34.77	PASS
Band17	5MHz	64QAM	23825	25RB#0	19.77	18.92	34.77	PASS
Band17	5MHz	256QAM	23755	1RB#0	18.08	17.23	34.77	PASS
Band17	5MHz	256QAM	23755	1RB#12	18.17	17.32	34.77	PASS
Band17	5MHz	256QAM	23755	1RB#24	18.11	17.26	34.77	PASS
Band17	5MHz	256QAM	23755	25RB#0	18.04	17.19	34.77	PASS
Band17	5MHz	256QAM	23790	1RB#0	18.06	17.21	34.77	PASS
Band17	5MHz	256QAM	23790	1RB#12	18.03	17.18	34.77	PASS
Band17	5MHz	256QAM	23790	1RB#24	17.97	17.12	34.77	PASS
Band17	5MHz	256QAM	23790	25RB#0	17.91	17.06	34.77	PASS
Band17	5MHz	256QAM	23825	1RB#0	17.89	17.04	34.77	PASS
Band17	5MHz	256QAM	23825	1RB#12	17.99	17.14	34.77	PASS
Band17	5MHz	256QAM	23825	1RB#24	17.89	17.04	34.77	PASS
Band17	5MHz	256QAM	23825	25RB#0	17.74	16.89	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.09	22.24	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.02	22.17	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#49	22.8	21.95	34.77	PASS
Band17	10MHz	QPSK	23780	50RB#0	21.86	21.01	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.25	22.40	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#24	22.97	22.12	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#49	22.71	21.86	34.77	PASS
Band17	10MHz	QPSK	23790	50RB#0	21.88	21.03	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.05	22.20	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#24	22.89	22.04	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#49	22.77	21.92	34.77	PASS
Band17	10MHz	QPSK	23800	50RB#0	21.94	21.09	34.77	PASS



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Band17	10MHz	16QAM	23780	1RB#0	22.1	21.25	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.07	21.22	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#49	21.88	21.03	34.77	PASS
Band17	10MHz	16QAM	23780	50RB#0	20.85	20.00	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.35	21.50	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.06	21.21	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	21.96	21.11	34.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	20.89	20.04	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.17	21.32	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#24	21.94	21.09	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	21.86	21.01	34.77	PASS
Band17	10MHz	16QAM	23800	50RB#0	20.93	20.08	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#0	21.17	20.32	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#24	21.01	20.16	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#49	20.94	20.09	34.77	PASS
Band17	10MHz	64QAM	23780	50RB#0	19.94	19.09	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#0	21.17	20.32	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#24	21.01	20.16	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#49	20.94	20.09	34.77	PASS
Band17	10MHz	64QAM	23790	50RB#0	19.88	19.03	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#0	21.12	20.27	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#24	21.13	20.28	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#49	20.88	20.03	34.77	PASS
Band17	10MHz	64QAM	23800	50RB#0	19.91	19.06	34.77	PASS
Band17	10MHz	256QAM	23780	1RB#0	18.09	17.24	34.77	PASS
Band17	10MHz	256QAM	23780	1RB#24	18.1	17.25	34.77	PASS
Band17	10MHz	256QAM	23780	1RB#49	18.04	17.19	34.77	PASS
Band17	10MHz	256QAM	23780	50RB#0	17.98	17.13	34.77	PASS
Band17	10MHz	256QAM	23790	1RB#0	18.12	17.27	34.77	PASS
Band17	10MHz	256QAM	23790	1RB#24	18.07	17.22	34.77	PASS
Band17	10MHz	256QAM	23790	1RB#49	17.83	16.98	34.77	PASS
Band17	10MHz	256QAM	23790	50RB#0	17.96	17.11	34.77	PASS
Band17	10MHz	256QAM	23800	1RB#0	18.05	17.20	34.77	PASS



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Band17	10MHz	256QAM	23800	1RB#24	18.07	17.22	34.77	PASS
Band17	10MHz	256QAM	23800	1RB#49	17.86	17.01	34.77	PASS
Band17	10MHz	256QAM	23800	50RB#0	17.94	17.09	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	5.64	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.44	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.50	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.40	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.44	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.42	13	PASS
Band17	10MHz	64QAM	23780	50RB#0	6.88	13	PASS
Band17	10MHz	64QAM	23790	50RB#0	6.78	13	PASS
Band17	10MHz	64QAM	23800	50RB#0	6.78	13	PASS
Band17	10MHz	256QAM	23780	50RB#0	6.82	13	PASS
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Band17	10MHz	256QAM	23800	50RB#0	6.80	13	PASS



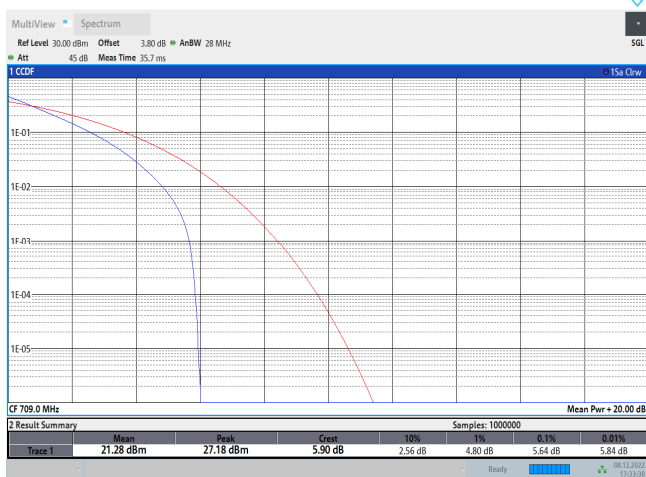
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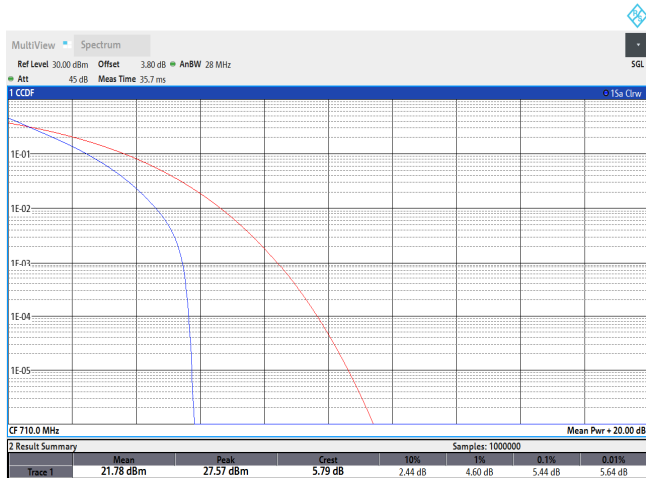
Test Graphs

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



17:33:30 08.12.2022

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

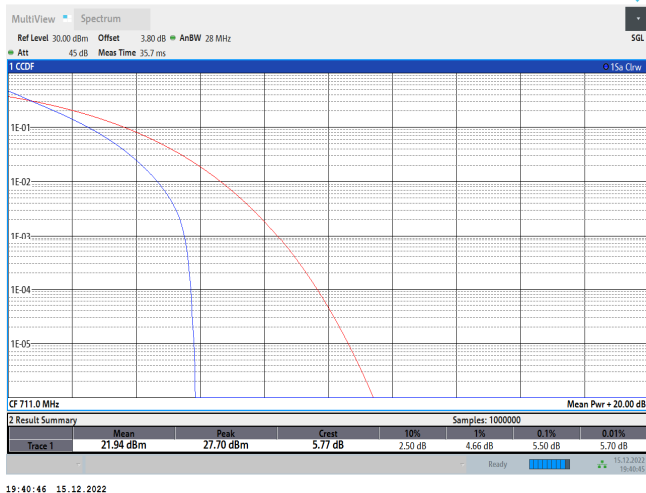


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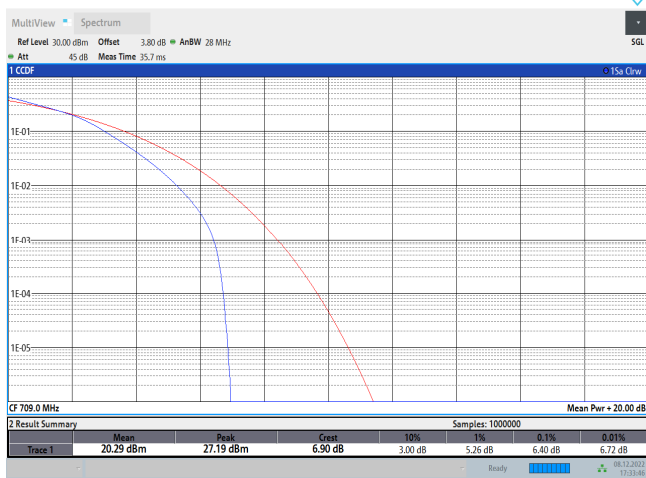
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Band17-10MHz-QPSK-23800-50RB#0



19:40:46 15.12.2022

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

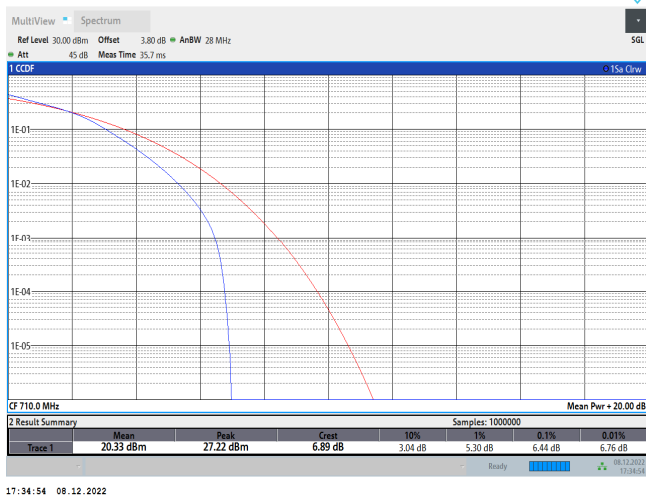


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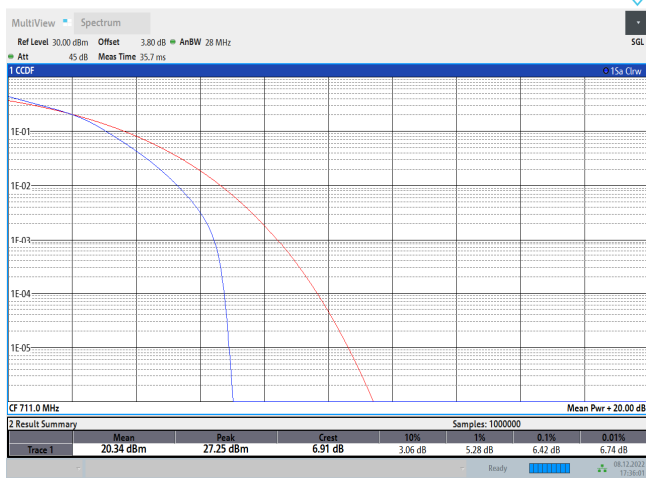
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Band17-10MHz-16QAM-23790-50RB#0



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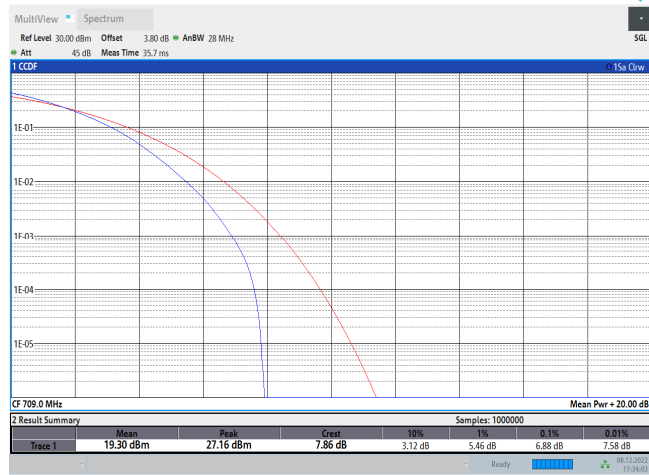


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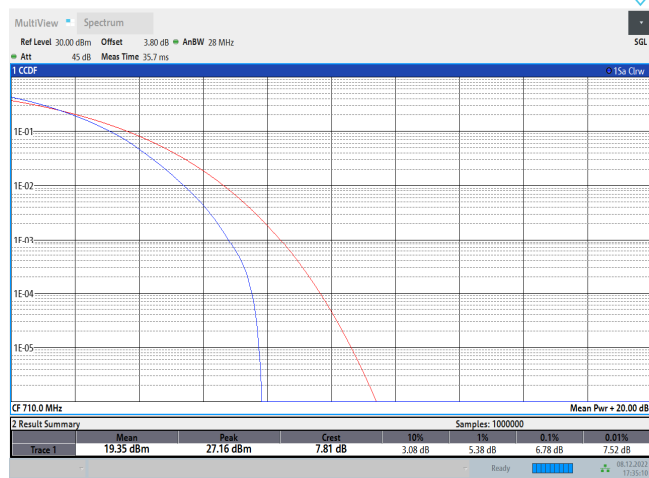
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Band17-10MHz-64QAM-23780-50RB#0



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

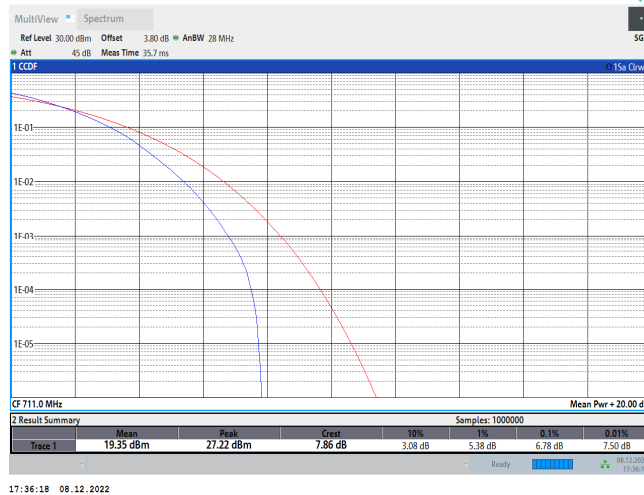


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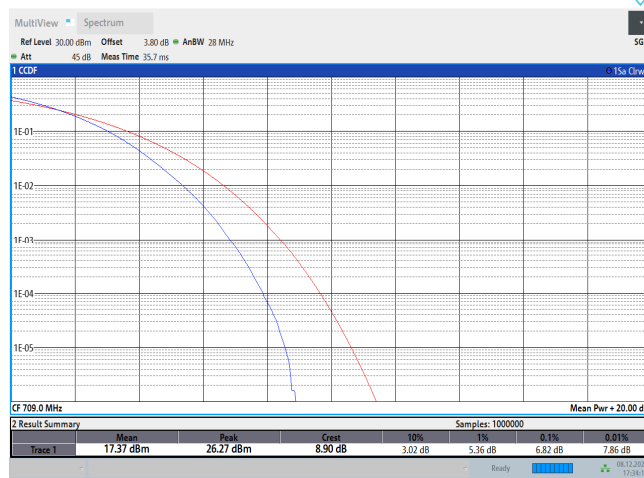
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Band17-10MHz-64QAM-23800-50RB#0



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



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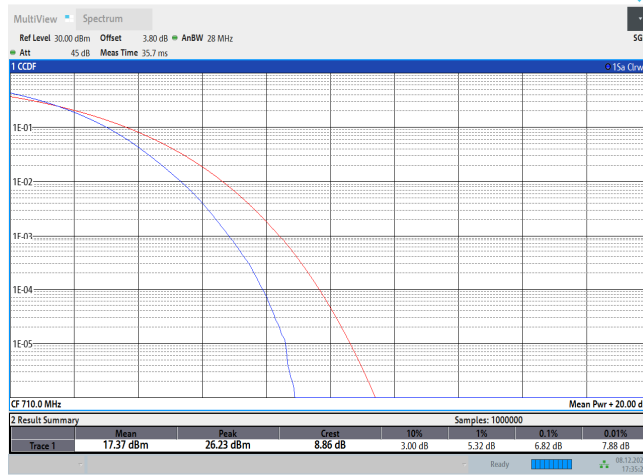
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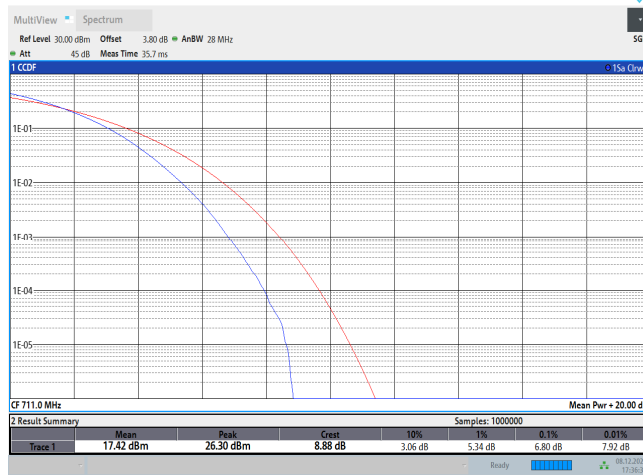
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Band17-10MHz-256QAM-23790-50RB#0



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Band17-10MHz-256QAM-23800-50RB#0



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SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band17	10MHz	QPSK	23790	50RB#0	PASS	PASS
Band17	10MHz	16QAM	23790	50RB#0	PASS	PASS
Band17	10MHz	64QAM	23790	50RB#0	PASS	PASS
Band17	10MHz	256QAM	23790	50RB#0	PASS	PASS



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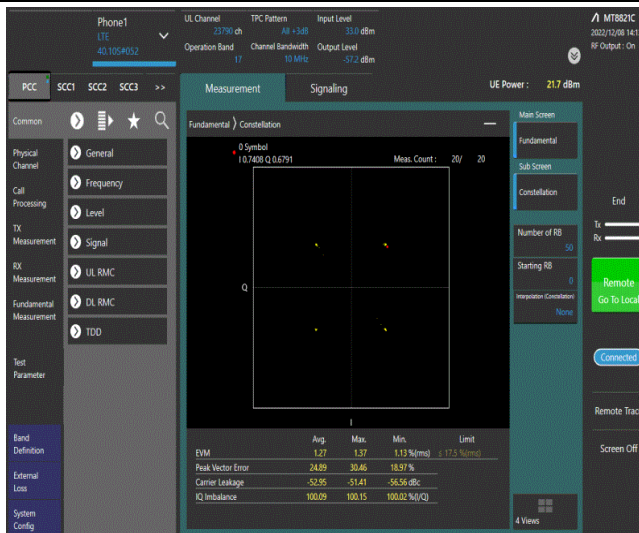
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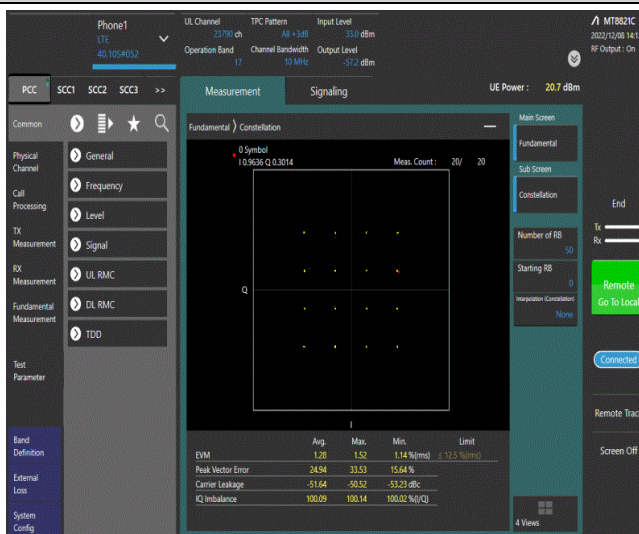
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Test Graphs

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



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

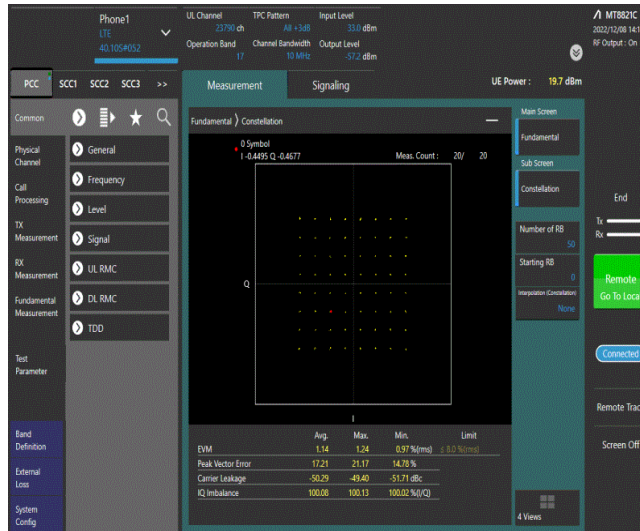


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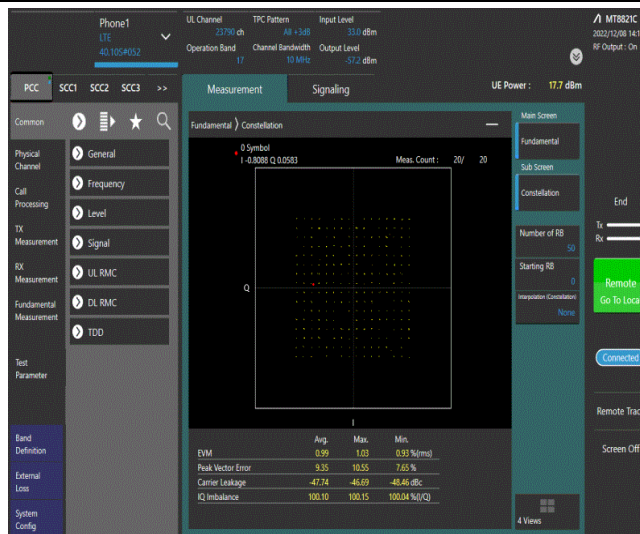
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Band17-10MHz-64QAM-23790-50RB#0



Band17-10MHz-256QAM-23790-50RB#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	4.477	5.06	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.479	5.06	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.472	4.98	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.477	5.02	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.481	5.06	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.474	5.04	PASS
Band17	5MHz	64QAM	23755	25RB#0	4.475	5.07	PASS
Band17	5MHz	64QAM	23790	25RB#0	4.476	5.01	PASS
Band17	5MHz	64QAM	23825	25RB#0	4.477	4.99	PASS
Band17	5MHz	256QAM	23755	25RB#0	4.479	5.03	PASS
Band17	5MHz	256QAM	23790	25RB#0	4.477	5.00	PASS
Band17	5MHz	256QAM	23825	25RB#0	4.476	5.03	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.931	9.83	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.919	9.83	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.924	9.90	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.943	9.90	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.935	9.87	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.922	9.77	PASS
Band17	10MHz	64QAM	23780	50RB#0	8.936	9.97	PASS
Band17	10MHz	64QAM	23790	50RB#0	8.939	9.97	PASS
Band17	10MHz	64QAM	23800	50RB#0	8.923	9.83	PASS
Band17	10MHz	256QAM	23780	50RB#0	8.936	9.87	PASS
Band17	10MHz	256QAM	23790	50RB#0	8.934	9.73	PASS
Band17	10MHz	256QAM	23800	50RB#0	8.927	9.83	PASS



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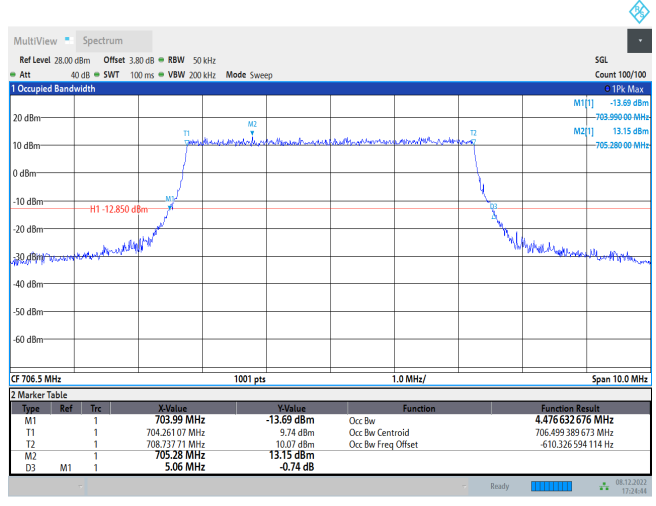
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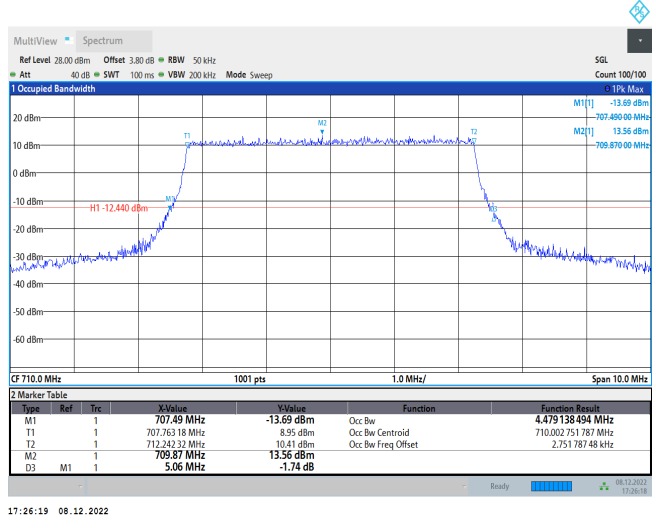
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Test Graphs

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



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

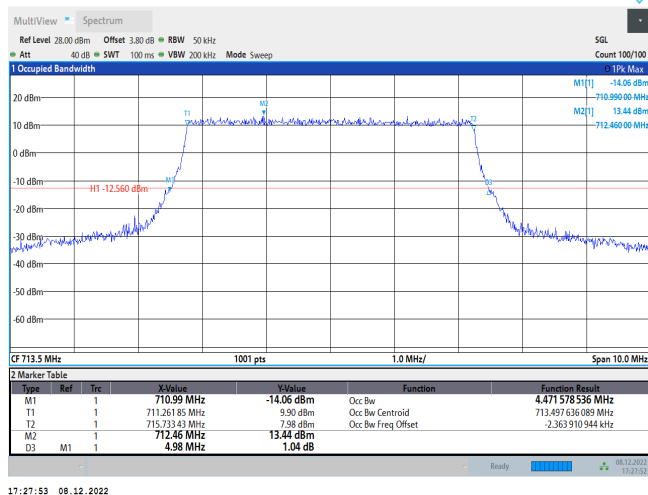


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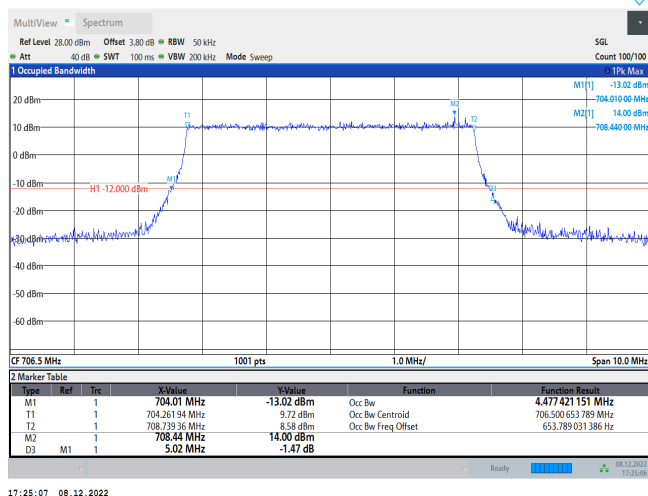
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Band17-5MHz-QPSK-23825-25RB#0



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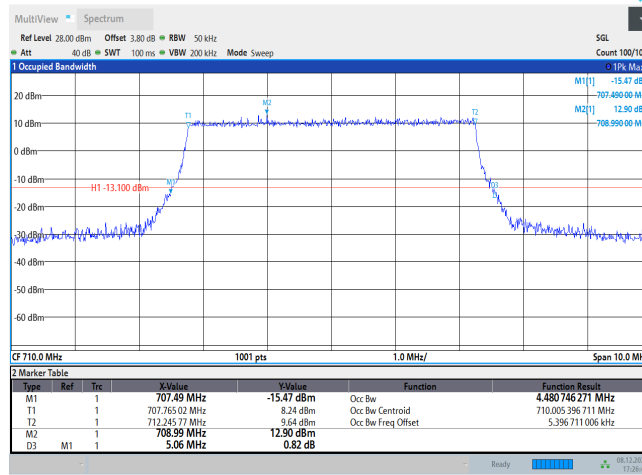


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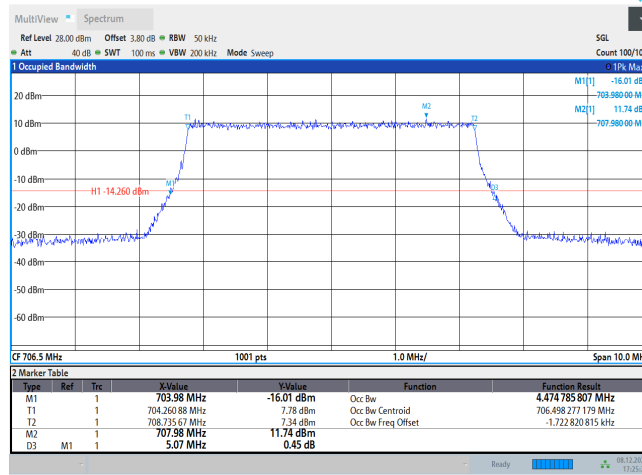
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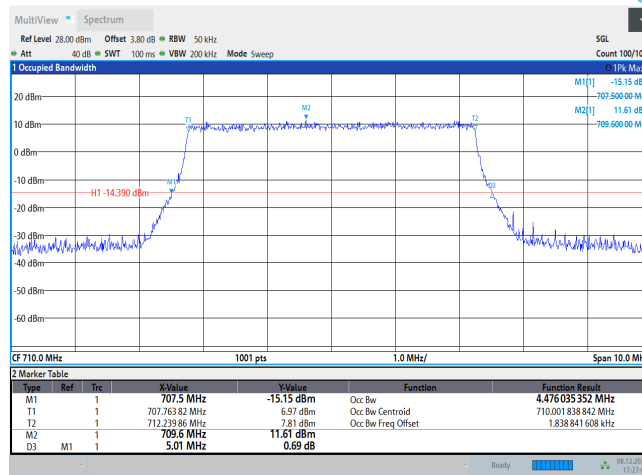


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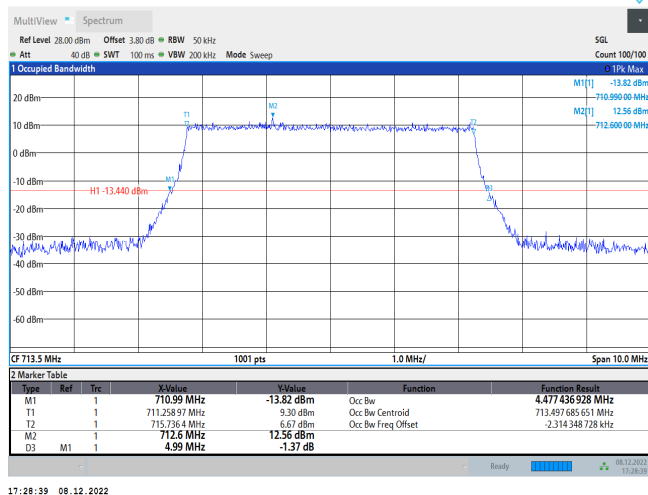


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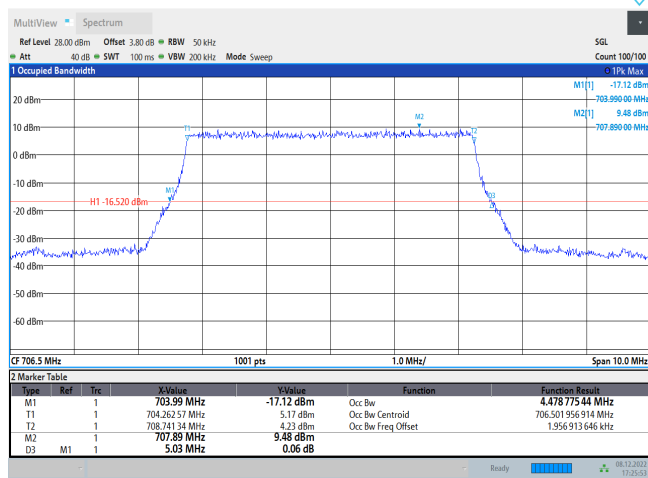
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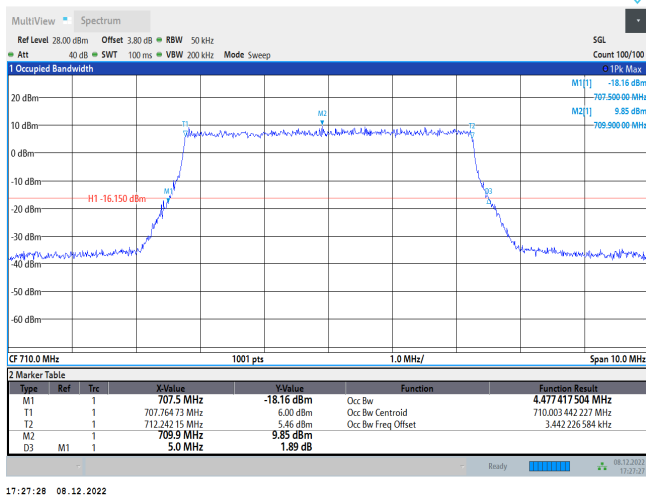


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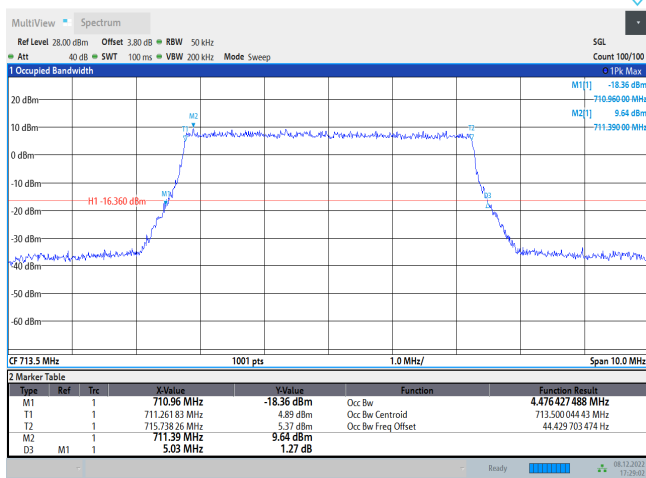
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Band17-5MHz-256QAM-23790-25RB#0



17:27:28 08.12.2022

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



17:29:02 08.12.2022

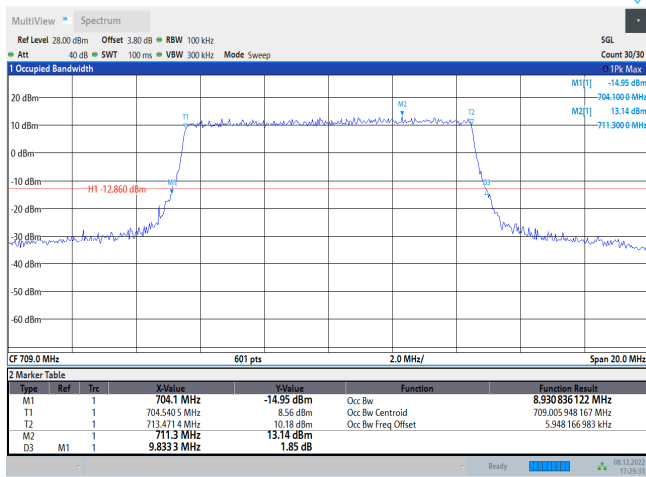


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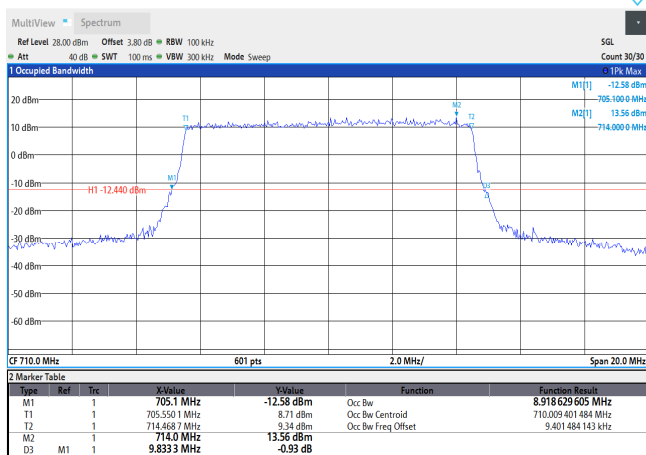
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Band17-10MHz-QPSK-23780-50RB#0



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

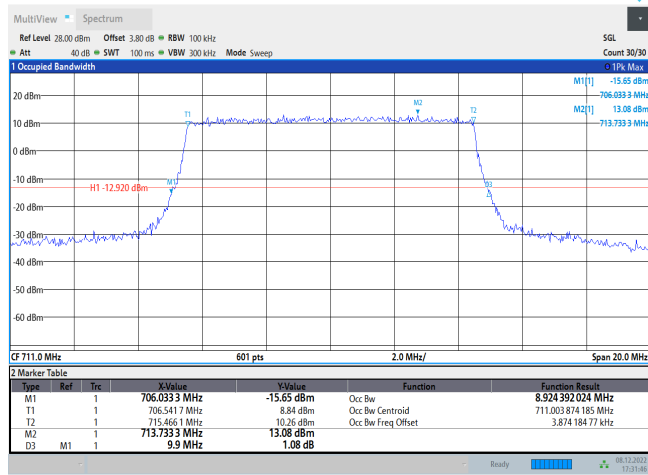


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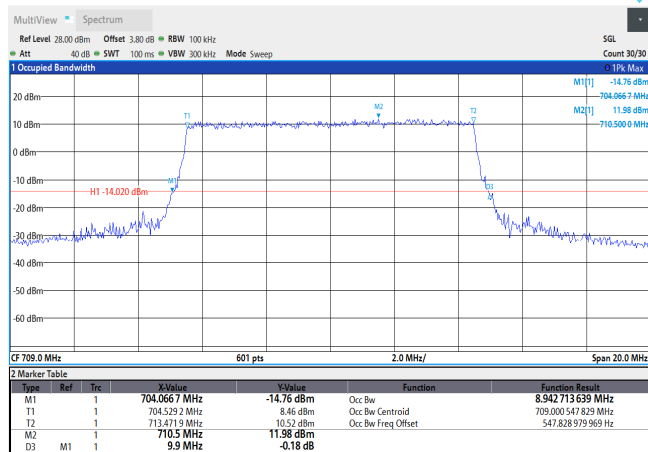
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Band17-10MHz-QPSK-23800-50RB#0



17:31:47 08.12.2022

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



17:29:50 08.12.2022

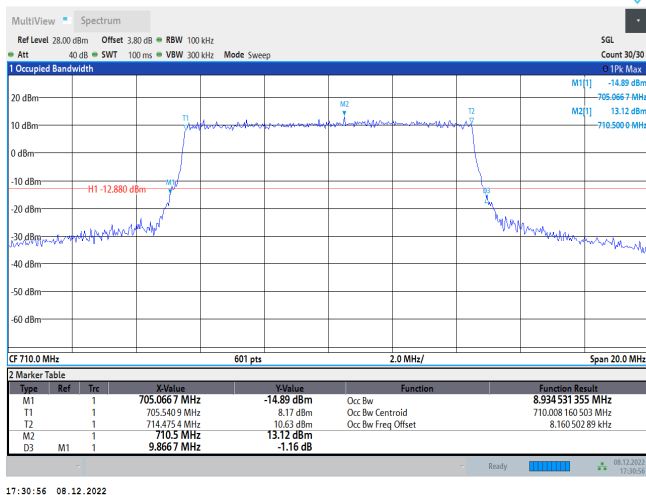


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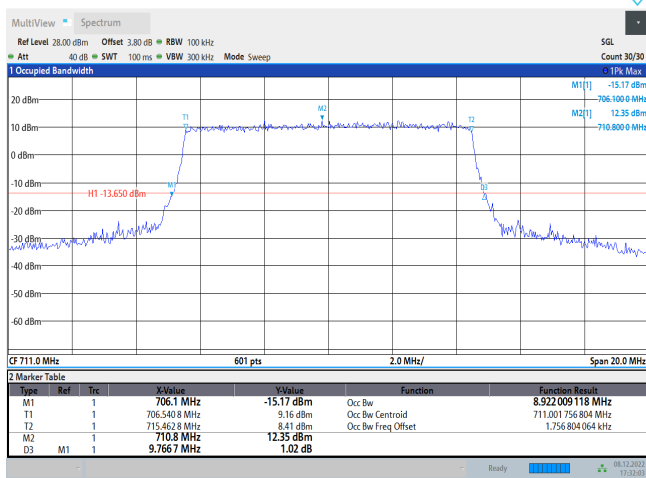
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Band17-10MHz-16QAM-23790-50RB#0



17:30:56 08.12.2022

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

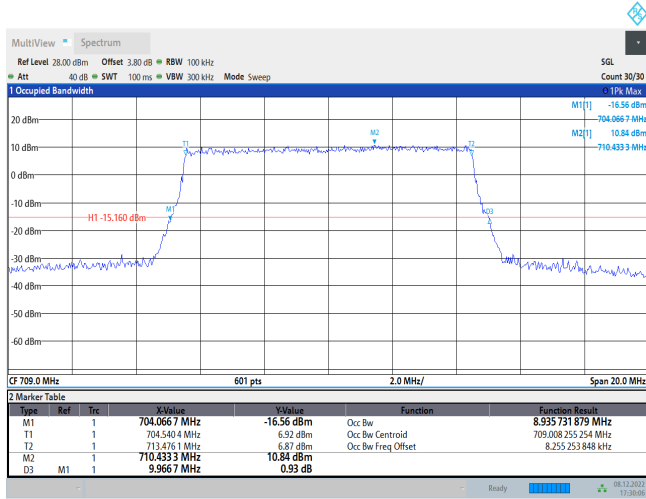


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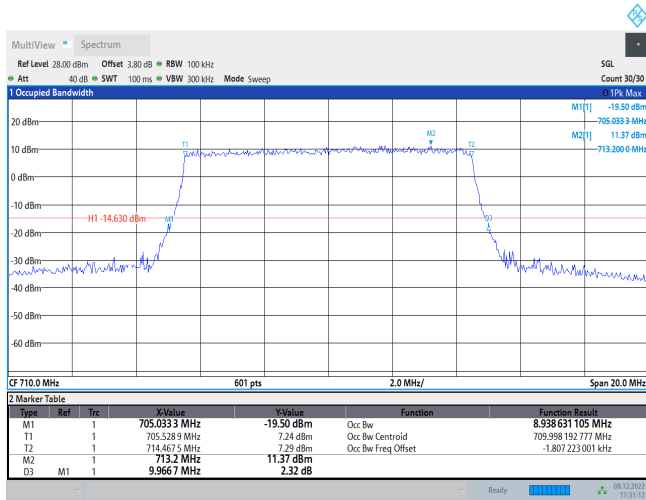
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Band17-10MHz-64QAM-23780-50RB#0



17:30:06 08.12.2022

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

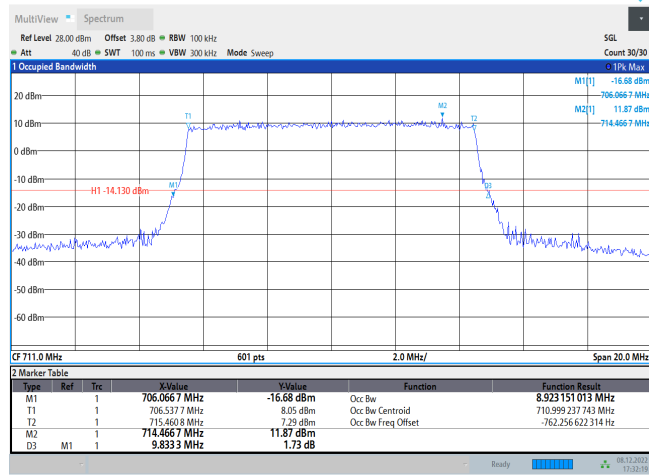


17:31:12 08.12.2022



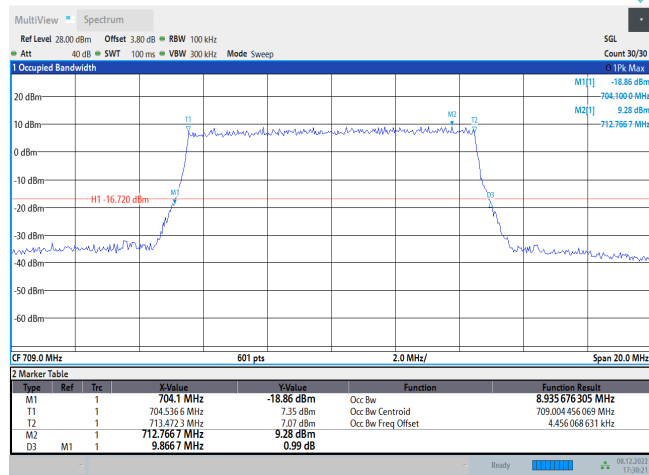
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Band17-10MHz-64QAM-23800-50RB#0



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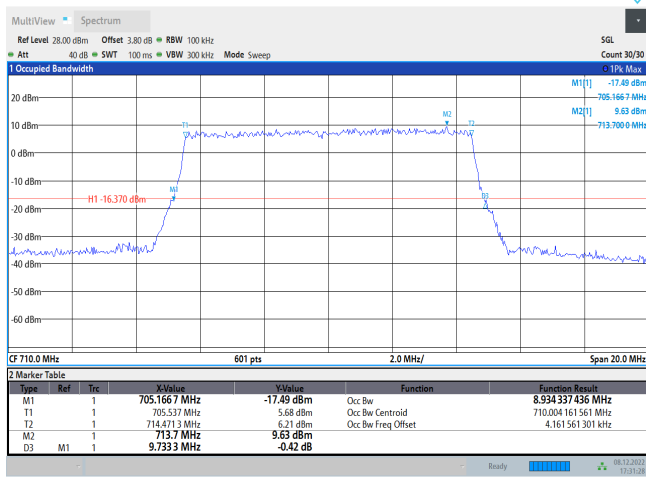
Band17-10MHz-256QAM-23780-50RB#0



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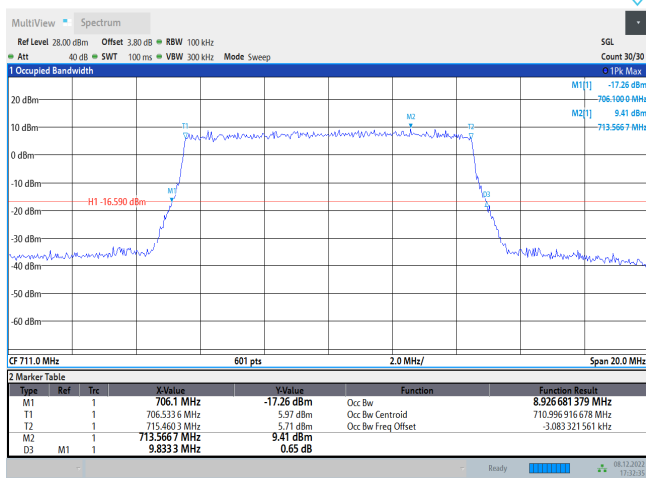


Band17-10MHz-256QAM-23790-50RB#0



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Band17-10MHz-256QAM-23800-50RB#0



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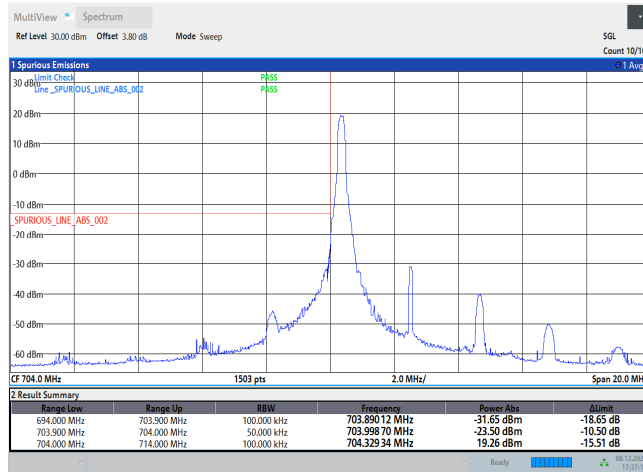


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Band Edge

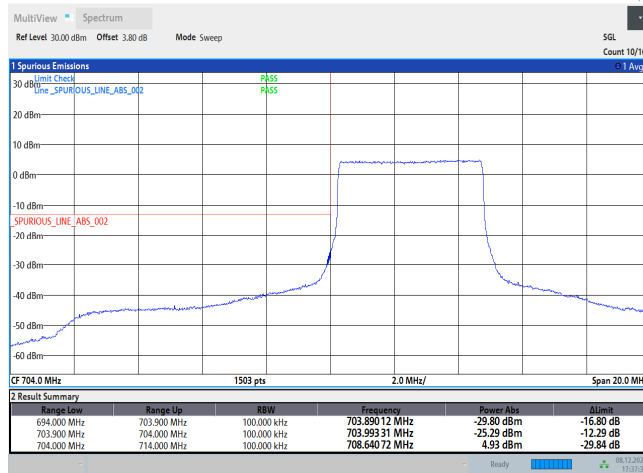
Test Graphs

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



17:37:14 08.12.2022

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



17:37:37 08.12.2022



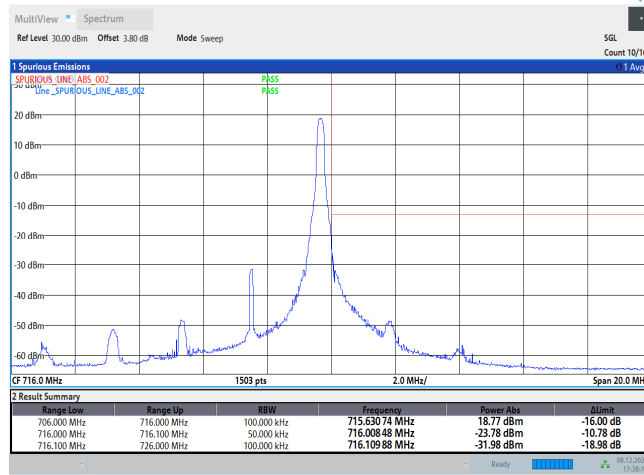
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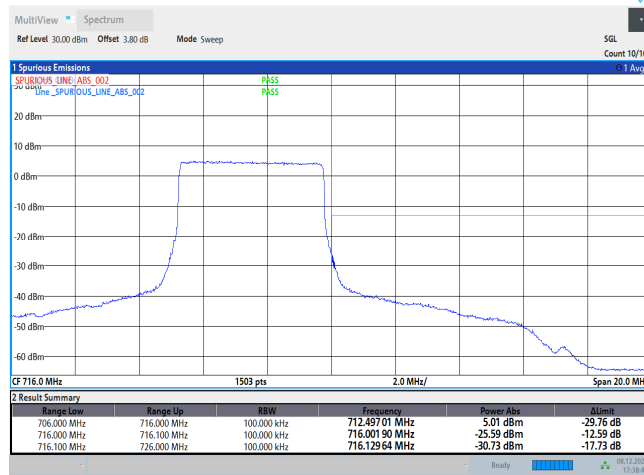
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Band17-5MHz-QPSK-23825-1RB#24



17:38:17 08.12.2022

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



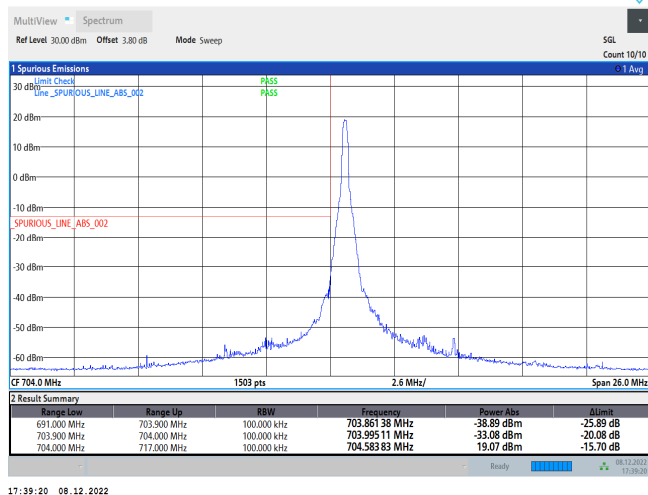
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Wireless Laboratory

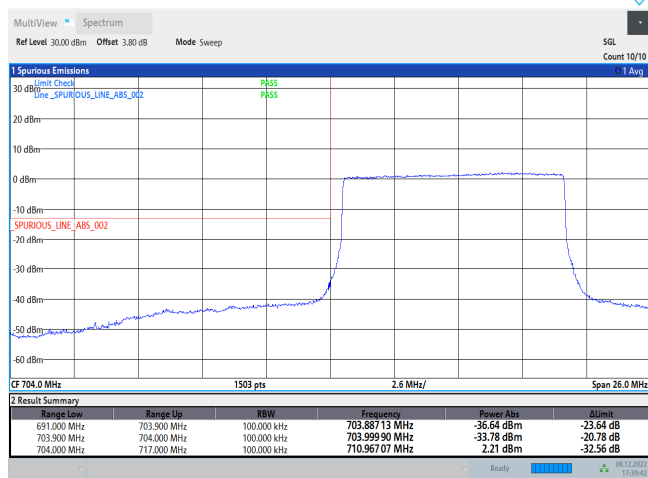
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Band17-10MHz-QPSK-23780-1RB#0



17:39:20 08.12.2022

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

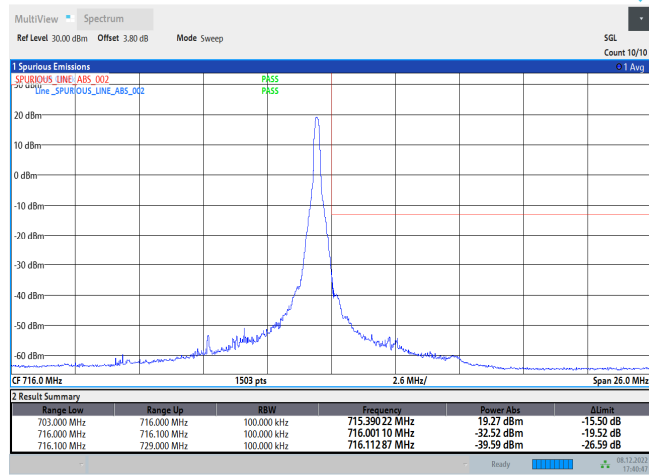


17:39:43 08.12.2022



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Band17-10MHz-QPSK-23800-1RB#49



17:40:47 08.12.2022

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



17:41:10 08.12.2022



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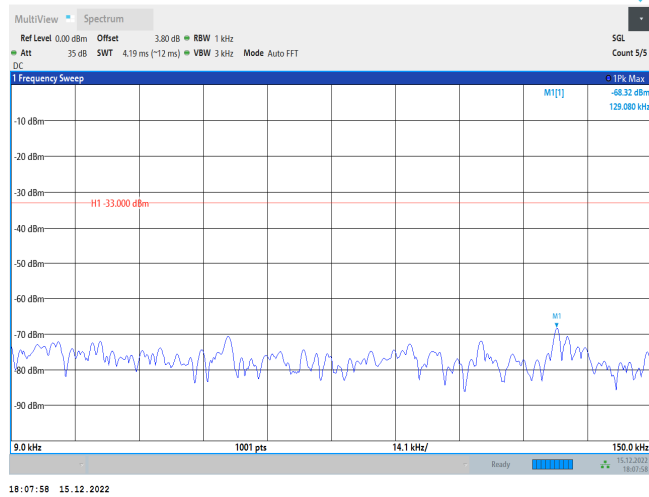
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Conducted Spurious Emission

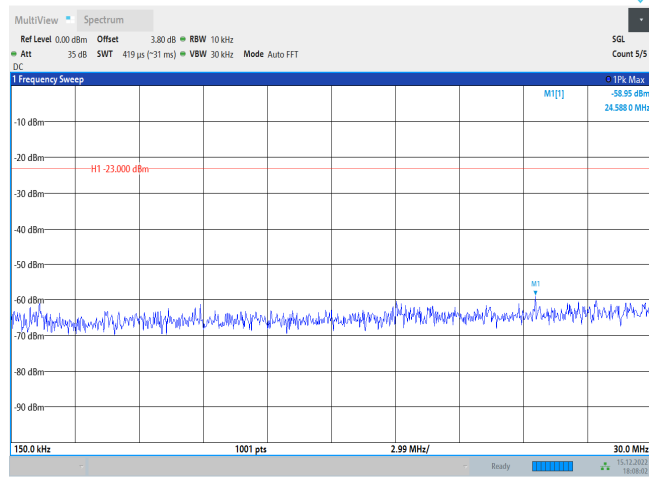
Test Graphs

Band17-10MHz-QPSK-23780-1RB#0-Range1:0.009~0.15MHz



18:07:58 15.12.2022

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



18:08:02 15.12.2022



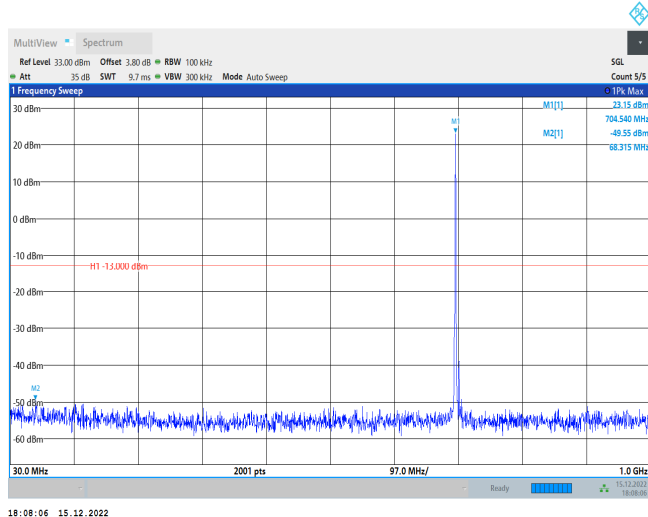
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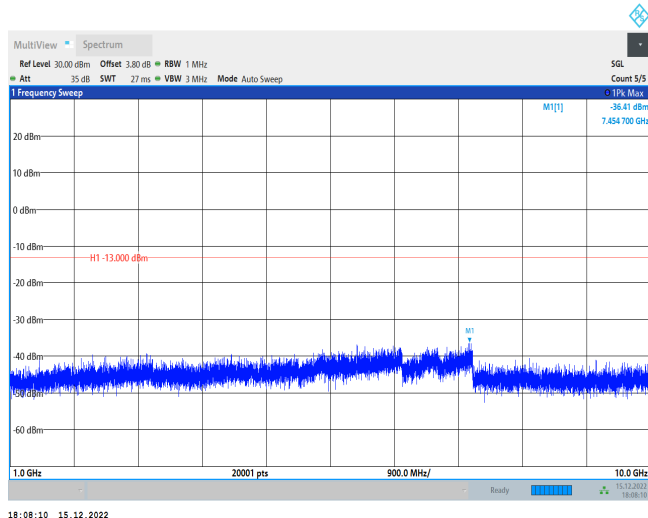
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t (86-512) 62992980 sgs.china@sgs.com

Band17-10MHz-QPSK-23780-1RB#0-Range3:30~1000MHz



18:08:06 15.12.2022

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



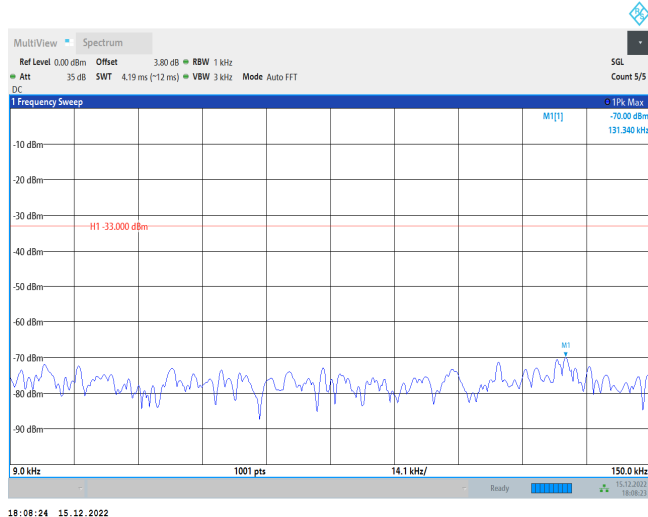
18:08:10 15.12.2022



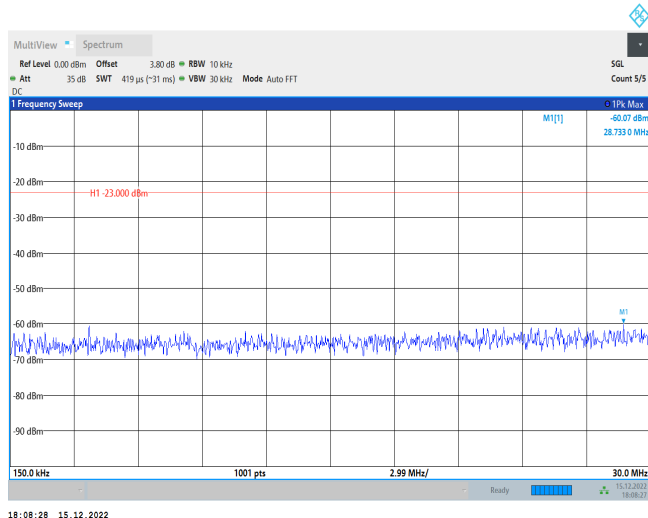
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Band17-10MHz-QPSK-23790-1RB#0-Range1:0.009~0.15MHz



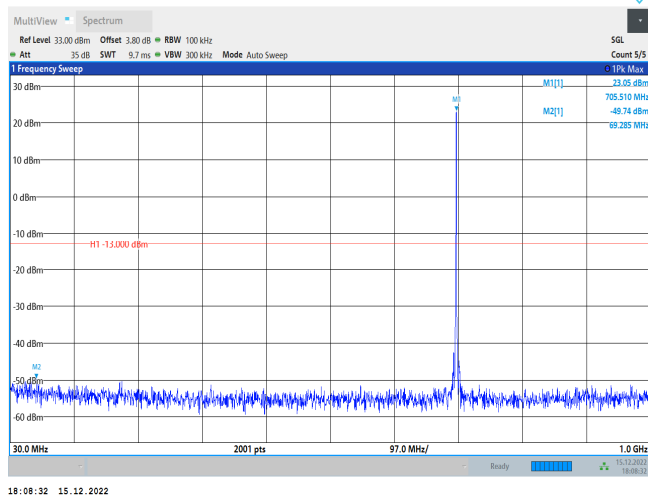
Band17-10MHz-QPSK-23790-1RB#0-Range2:0.15~30MHz



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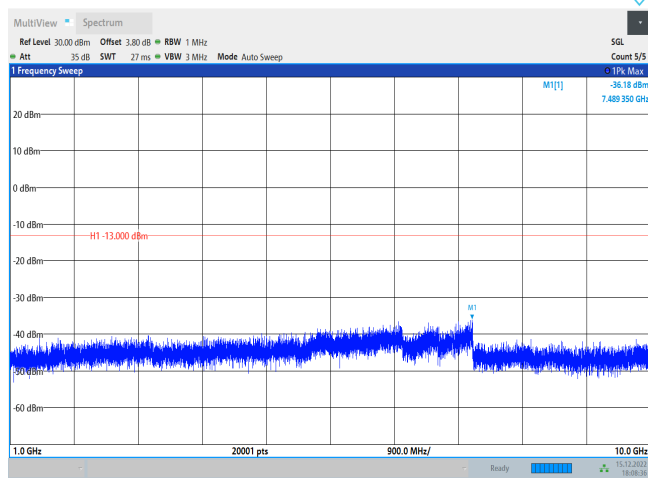
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Band17-10MHz-QPSK-23790-1RB#0-Range3:30~1000MHz



18:08:32 15.12.2022

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

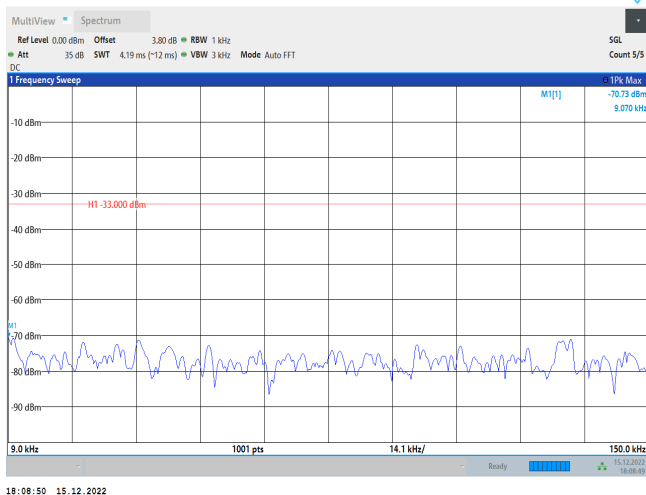


18:08:36 15.12.2022



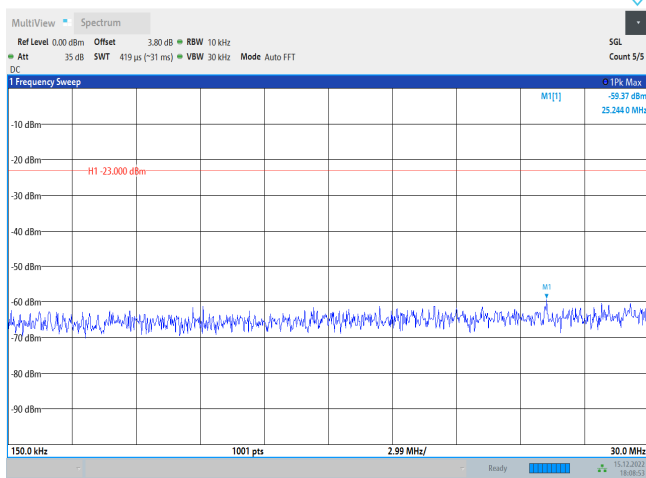
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Band17-10MHz-QPSK-23800-1RB#0-Range1:0.009~0.15MHz



18:08:50 15.12.2022

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

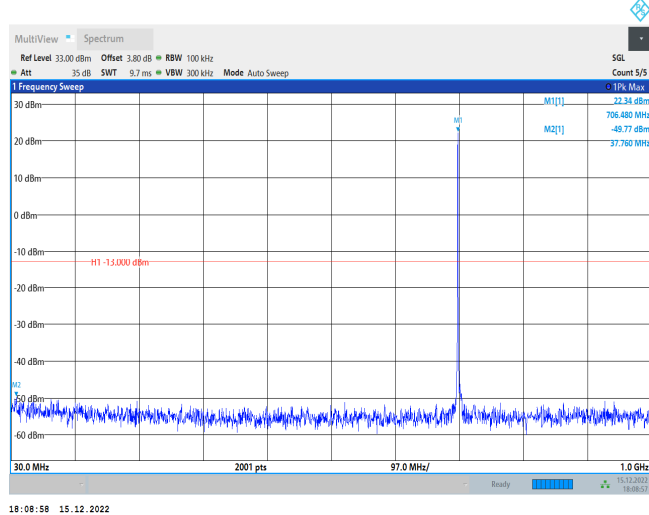


18:08:54 15.12.2022

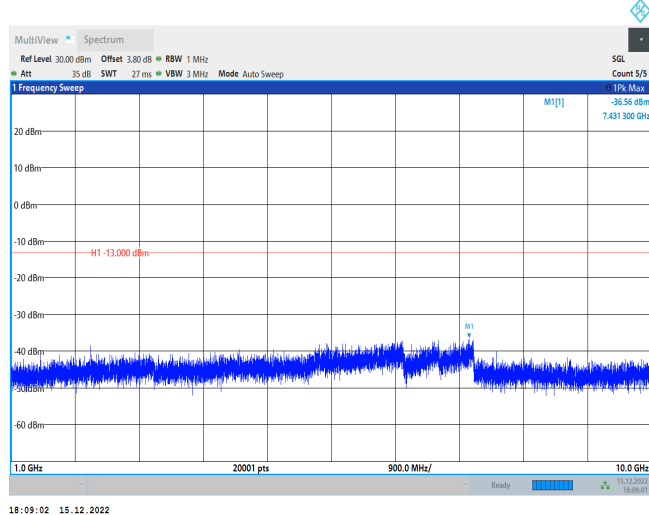


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Band17-10MHz-QPSK-23800-1RB#0-Range3:30~1000MHz



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



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Field Strength of Spurious Radiation

Test Band = LTE Band 17 ANT 2_ TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2821.7778	47.91	-46.71	28.99	-65.06	-13.00	52.06	175	359	Horizontal
2	1409.18	65.30	-48.71	25.41	-53.26	-13.00	40.26	226	222	Horizontal
3	2113.77	79.95	-47.86	27.13	-36.04	-13.00	23.04	199	190	Horizontal
4	3522.95	51.58	-46.02	29.46	-60.25	-13.00	47.25	305	334	Horizontal
5	4227.54	41.84	-45.11	30.96	-67.57	-13.00	54.57	225	78	Horizontal
6	4932.13	40.28	-45.10	32.44	-67.65	-13.00	54.65	286	359	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	2818.2222	46.68	-46.70	28.98	-66.30	-13.00	53.30	188	0	Vertical
2	3523.5556	47.55	-46.02	29.46	-64.28	-13.00	51.28	236	357	Vertical
3	1409.18	68.97	-48.71	25.41	-49.59	-13.00	36.59	299	205	Vertical
4	2113.77	73.14	-47.86	27.13	-42.85	-13.00	29.85	307	2	Vertical
5	4227.54	41.06	-45.11	30.96	-68.35	-13.00	55.35	226	218	Vertical
6	4932.13	40.64	-45.10	32.44	-67.29	-13.00	54.29	169	68	Vertical



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 Wireless Laboratory

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Test Band = LTE Band 17 ANT 2_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1411.1111	51.75	-48.70	25.41	-66.80	-13.00	53.80	236	301	Horizontal
2	2116.77	84.41	-47.86	27.13	-31.57	-13.00	18.57	189	206	Horizontal
3	2822.36	41.52	-46.71	29.00	-71.45	-13.00	58.45	245	316	Horizontal
4	3527.95	44.57	-46.02	29.47	-67.24	-13.00	54.24	216	285	Horizontal
5	4233.54	44.89	-45.11	30.97	-64.51	-13.00	51.51	306	316	Horizontal
6	4939.13	41.09	-45.09	32.45	-66.81	-13.00	53.81	169	113	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	1411.1111	67.11	-48.70	25.41	-51.44	-13.00	38.44	231	236	Vertical
2	2116.77	48.43	-47.86	27.13	-67.55	-13.00	54.55	194	287	Vertical
3	2822.36	48.75	-46.71	29.00	-64.22	-13.00	51.22	216	5	Vertical
4	3527.95	48.49	-46.02	29.47	-63.32	-13.00	50.32	322	215	Vertical
5	4233.54	41.68	-45.11	30.97	-67.72	-13.00	54.72	168	56	Vertical
6	4939.13	40.55	-45.09	32.45	-67.35	-13.00	54.35	266	295	Vertical



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Test Band = LTE Band 17 ANT 2_ TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.18	60.41	-48.70	25.41	-58.13	-13.00	45.13	236	346	Horizontal
2	2119.77	78.72	-47.85	27.14	-37.25	-13.00	24.25	288	319	Horizontal
3	2826.36	41.62	-46.71	29.01	-71.34	-13.00	58.34	196	143	Horizontal
4	3532.95	43.32	-46.01	29.48	-68.47	-13.00	55.47	321	205	Horizontal
5	4239.54	41.26	-45.11	30.98	-68.13	-13.00	55.13	189	358	Horizontal
6	4946.13	40.65	-45.09	32.47	-67.22	-13.00	54.22	224	32	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	1413.18	60.28	-48.70	25.41	-58.26	-13.00	45.26	214	58	Vertical
2	2119.77	72.74	-47.85	27.14	-43.23	-13.00	30.23	169	122	Vertical
3	2826.36	41.21	-46.71	29.01	-71.75	-13.00	58.75	254	314	Vertical
4	3532.95	48.41	-46.01	29.48	-63.38	-13.00	50.38	302	344	Vertical
5	4239.54	40.73	-45.11	30.98	-68.66	-13.00	55.66	178	89	Vertical
6	4946.13	40.96	-45.09	32.47	-66.91	-13.00	53.91	226	234	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	0.20	0.000282	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-1.10	-0.001549	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	-1.60	-0.002254	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band17	10MHz	QPSK	23790	50RB#0	NV	-40	6.30	0.003351	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	0.20	0.000282	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	0.20	0.000282	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	0.30	0.000423	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-0.30	-0.000423	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-1.30	-0.001831	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-1.20	-0.001690	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-0.90	-0.001268	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-1.40	-0.001972	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	-1.10	-0.001549	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	60	7.60	0.004043	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	75	9.20	0.004894	PASS

---End of Attachment---



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