

Report No.: SEWM2305000166RG01

Rev.: 01

Page: 1 of 42

Appendix B.10

LTE Band 17



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Effective (Isotropic) Radiated Power Output Data

Test Result

Ant41:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	24.10	14.82	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.97	14.69	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.88	14.60	34.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	23.14	13.86	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.86	14.58	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.86	14.58	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.99	14.71	34.77	PASS
Band17	5MHz	QPSK	23790	25RB#0	23.14	13.86	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.74	14.46	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#12	24.03	14.75	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	24.00	14.72	34.77	PASS
Band17	5MHz	QPSK	23825	25RB#0	23.11	13.83	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#0	23.26	13.98	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#12	23.27	13.99	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	23.26	13.98	34.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	22.21	12.93	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#0	23.37	14.09	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#12	23.31	14.03	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#24	23.08	13.80	34.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	22.14	12.86	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#0	23.41	14.13	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#12	23.19	13.91	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#24	23.22	13.94	34.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	22.10	12.82	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#0	22.37	13.09	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#12	22.31	13.03	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#24	22.18	12.90	34.77	PASS



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Band17	5MHz	64QAM	23755	25RB#0	21.19	11.91	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#0	22.32	13.04	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#12	22.23	12.95	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#24	22.26	12.98	34.77	PASS
Band17	5MHz	64QAM	23790	25RB#0	21.14	11.86	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#0	22.35	13.07	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#12	22.21	12.93	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#24	22.19	12.91	34.77	PASS
Band17	5MHz	64QAM	23825	25RB#0	21.11	11.83	34.77	PASS
Band17	5MHz	256QAM	23755	1RB#0	19.36	10.08	34.77	PASS
Band17	5MHz	256QAM	23755	1RB#12	19.20	9.92	34.77	PASS
Band17	5MHz	256QAM	23755	1RB#24	19.15	9.87	34.77	PASS
Band17	5MHz	256QAM	23755	25RB#0	19.15	9.87	34.77	PASS
Band17	5MHz	256QAM	23790	1RB#0	19.07	9.79	34.77	PASS
Band17	5MHz	256QAM	23790	1RB#12	19.14	9.86	34.77	PASS
Band17	5MHz	256QAM	23790	1RB#24	19.22	9.94	34.77	PASS
Band17	5MHz	256QAM	23790	25RB#0	19.06	9.78	34.77	PASS
Band17	5MHz	256QAM	23825	1RB#0	19.31	10.03	34.77	PASS
Band17	5MHz	256QAM	23825	1RB#12	19.22	9.94	34.77	PASS
Band17	5MHz	256QAM	23825	1RB#24	19.21	9.93	34.77	PASS
Band17	5MHz	256QAM	23825	25RB#0	19.17	9.89	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.90	14.62	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.95	14.67	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#49	24.00	14.72	34.77	PASS
Band17	10MHz	QPSK	23780	50RB#0	23.09	13.81	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.69	14.41	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#24	24.03	14.75	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#49	24.08	14.80	34.77	PASS
Band17	10MHz	QPSK	23790	50RB#0	23.16	13.88	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.57	14.29	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.99	14.71	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.97	14.69	34.77	PASS



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Band17	10MHz	QPSK	23800	50RB#0	23.04	13.76	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#0	23.23	13.95	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#24	23.15	13.87	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#49	23.27	13.99	34.77	PASS
Band17	10MHz	16QAM	23780	50RB#0	22.08	12.80	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#0	23.10	13.82	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#24	23.36	14.08	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	23.14	13.86	34.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	22.16	12.88	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	23.25	13.97	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#24	23.35	14.07	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	23.15	13.87	34.77	PASS
Band17	10MHz	16QAM	23800	50RB#0	22.19	12.91	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#0	22.23	12.95	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#24	22.31	13.03	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#49	22.27	12.99	34.77	PASS
Band17	10MHz	64QAM	23780	50RB#0	21.06	11.78	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#0	22.28	13.00	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#24	22.40	13.12	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#49	22.29	13.01	34.77	PASS
Band17	10MHz	64QAM	23790	50RB#0	21.24	11.96	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#0	22.24	12.96	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#24	22.37	13.09	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#49	22.19	12.91	34.77	PASS
Band17	10MHz	64QAM	23800	50RB#0	21.21	11.93	34.77	PASS
Band17	10MHz	256QAM	23780	1RB#0	19.18	9.90	34.77	PASS
Band17	10MHz	256QAM	23780	1RB#24	19.19	9.91	34.77	PASS
Band17	10MHz	256QAM	23780	1RB#49	19.22	9.94	34.77	PASS
Band17	10MHz	256QAM	23780	50RB#0	19.10	9.82	34.77	PASS
Band17	10MHz	256QAM	23790	1RB#0	19.10	9.82	34.77	PASS
Band17	10MHz	256QAM	23790	1RB#24	19.32	10.04	34.77	PASS
Band17	10MHz	256QAM	23790	1RB#49	19.22	9.94	34.77	PASS



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Report No.: SEWM2305000166RG01

Rev.: 01

Page: 5 of 42

Band17	10MHz	256QAM	23790	50RB#0	19.19	9.91	34.77	PASS
Band17	10MHz	256QAM	23800	1RB#0	19.01	9.73	34.77	PASS
Band17	10MHz	256QAM	23800	1RB#24	19.16	9.88	34.77	PASS
Band17	10MHz	256QAM	23800	1RB#49	19.12	9.84	34.77	PASS
Band17	10MHz	256QAM	23800	50RB#0	19.08	9.80	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	4.54	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.68	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	4.78	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	5.32	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	5.28	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	5.28	13	PASS
Band17	10MHz	64QAM	23780	50RB#0	6.10	13	PASS
Band17	10MHz	64QAM	23790	50RB#0	6.00	13	PASS
Band17	10MHz	64QAM	23800	50RB#0	6.02	13	PASS
Band17	10MHz	256QAM	23780	50RB#0	6.34	13	PASS
Band17	10MHz	256QAM	23790	50RB#0	6.34	13	PASS
Band17	10MHz	256QAM	23800	50RB#0	6.32	13	PASS



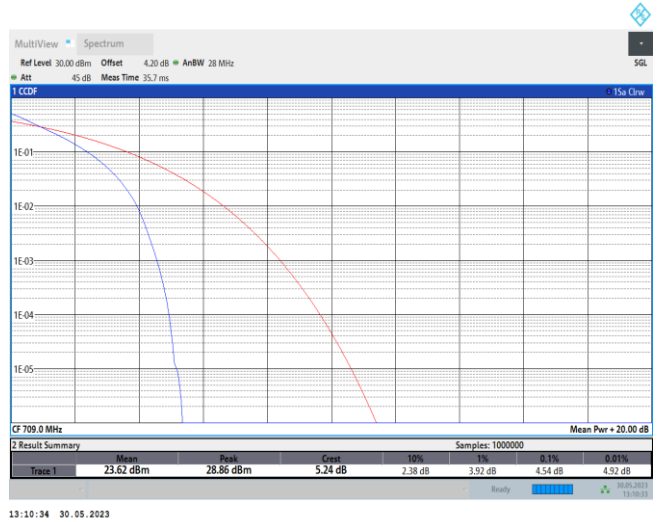
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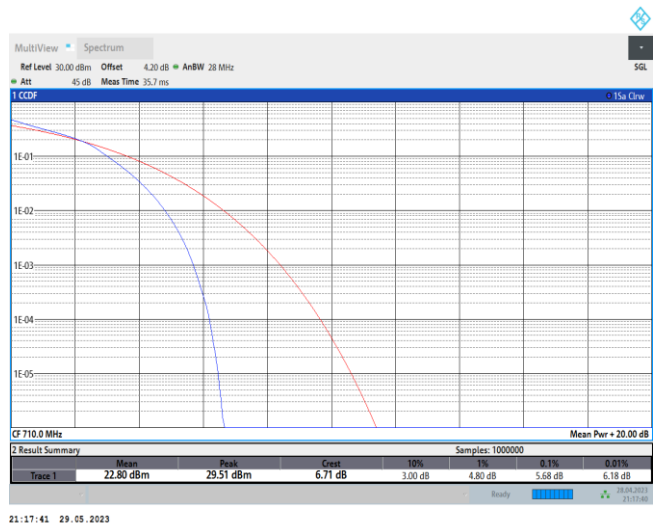
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Test Graphs

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



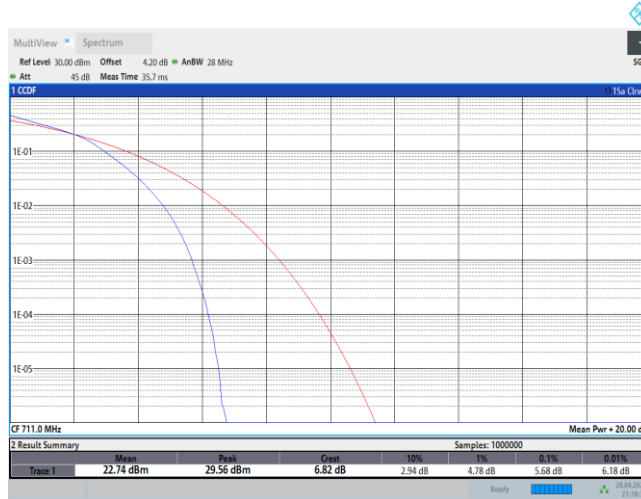
Band17-10MHz-QPSK-23790-50RB#0



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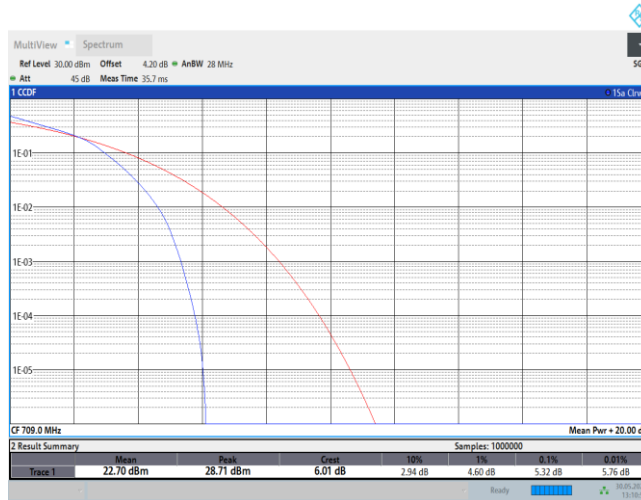
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Band17-10MHz-QPSK-23800-50RB#0



21:18:30 29.05.2023

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



13:10:50 30.05.2023

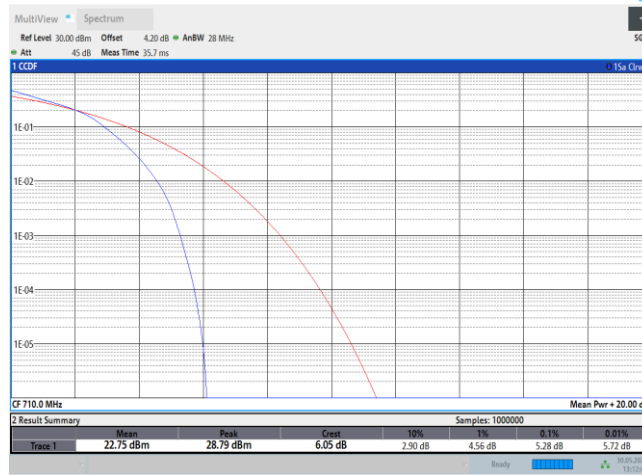


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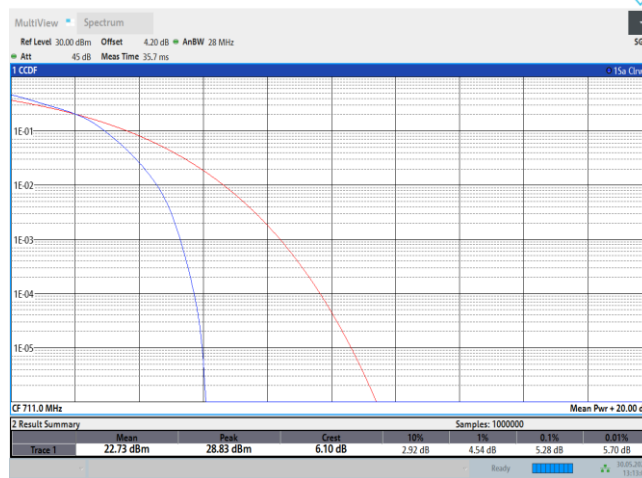
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Band17-10MHz-16QAM-23790-50RB#0



13:12:01 30.05.2023

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



13:13:09 30.05.2023

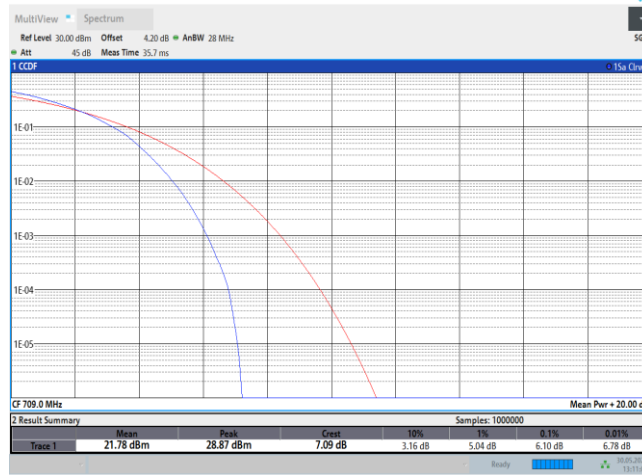


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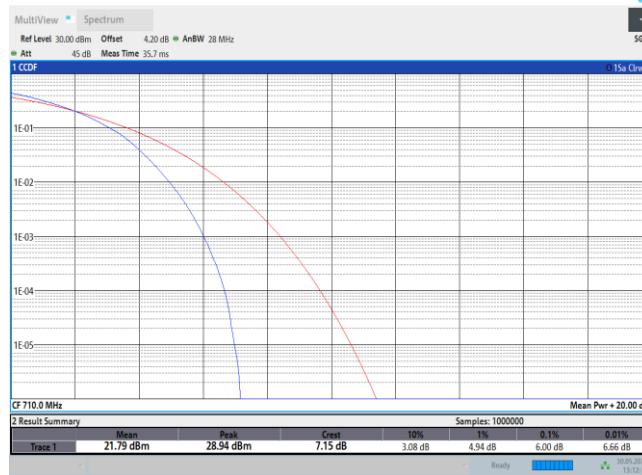
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Band17-10MHz-64QAM-23780-50RB#0



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



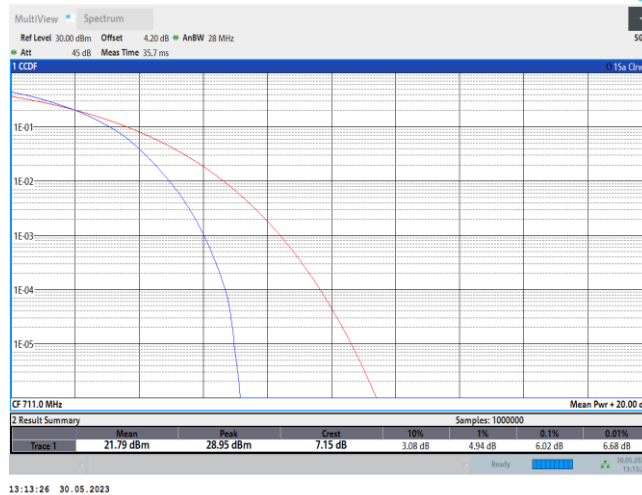
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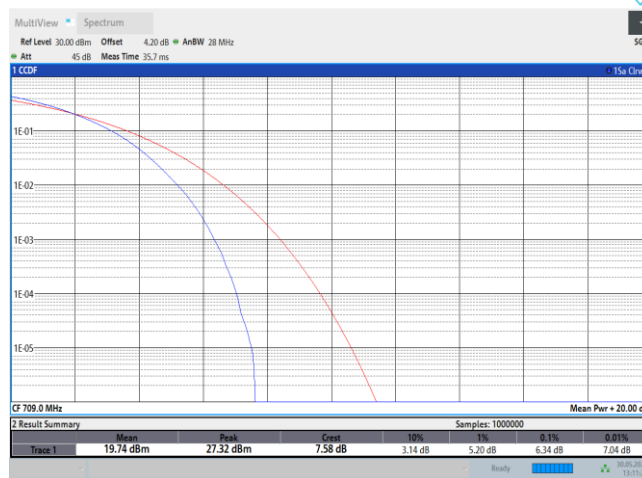
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Band17-10MHz-64QAM-23800-50RB#0



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



13:11:24 30.05.2023

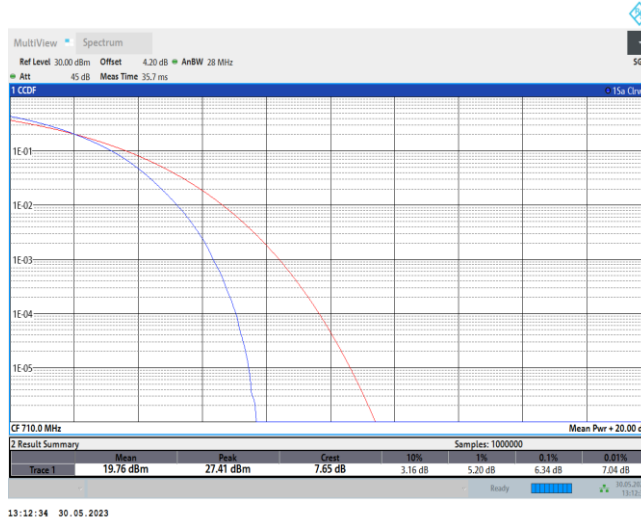


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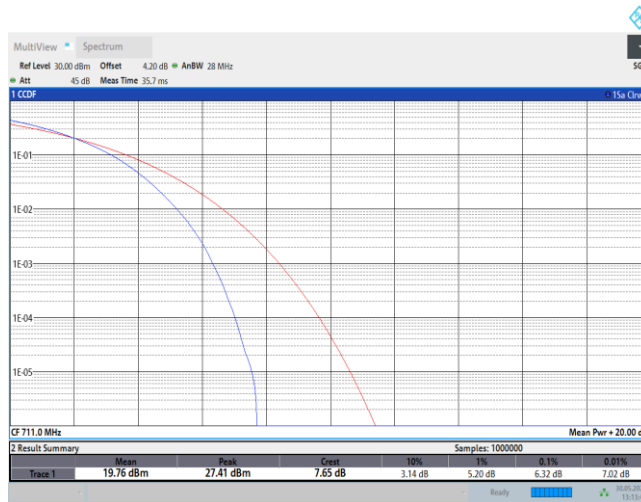
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Band17-10MHz-256QAM-23790-50RB#0



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



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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



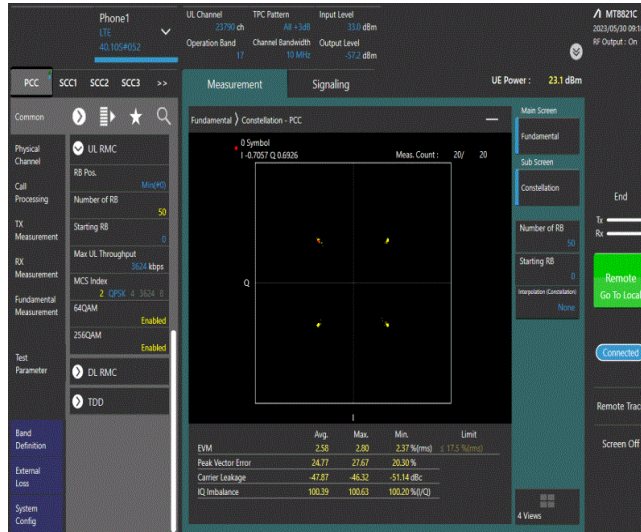
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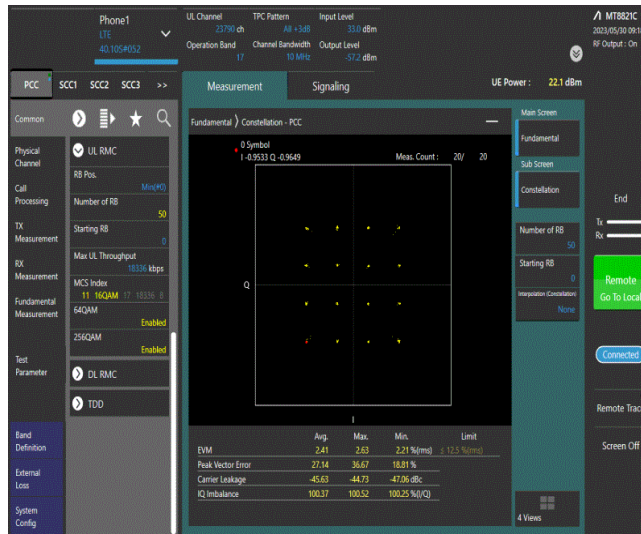
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Test Graphs

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



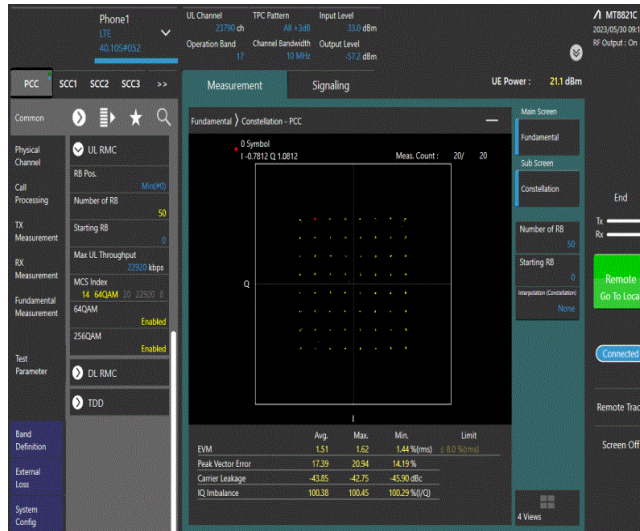
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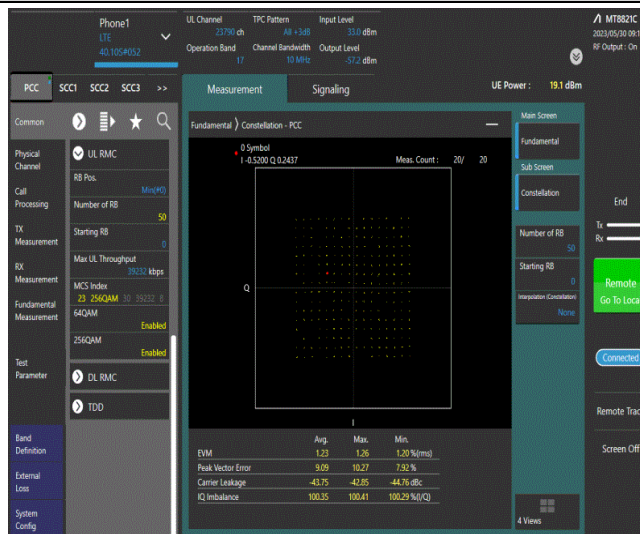
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Band17-10MHz-64QAM-23790-50RB#0



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	4.473	4.84	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.466	4.83	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.442	4.85	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.477	4.82	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.470	4.82	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.489	4.85	PASS
Band17	5MHz	64QAM	23755	25RB#0	4.459	4.81	PASS
Band17	5MHz	64QAM	23790	25RB#0	4.467	4.84	PASS
Band17	5MHz	64QAM	23825	25RB#0	4.475	4.87	PASS
Band17	5MHz	256QAM	23755	25RB#0	4.468	4.75	PASS
Band17	5MHz	256QAM	23790	25RB#0	4.477	4.86	PASS
Band17	5MHz	256QAM	23825	25RB#0	4.463	4.80	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.960	9.67	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.944	9.47	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.924	9.70	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.917	9.70	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.914	9.63	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.881	9.43	PASS
Band17	10MHz	64QAM	23780	50RB#0	8.913	9.47	PASS
Band17	10MHz	64QAM	23790	50RB#0	8.933	9.60	PASS
Band17	10MHz	64QAM	23800	50RB#0	8.949	9.53	PASS
Band17	10MHz	256QAM	23780	50RB#0	8.914	9.60	PASS
Band17	10MHz	256QAM	23790	50RB#0	8.936	9.63	PASS
Band17	10MHz	256QAM	23800	50RB#0	8.918	9.63	PASS



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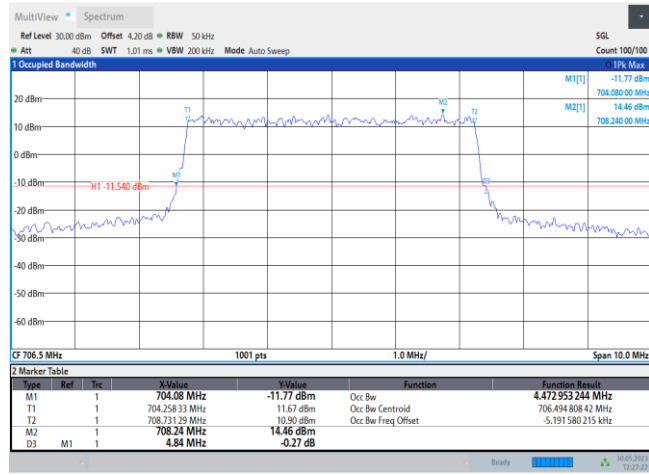
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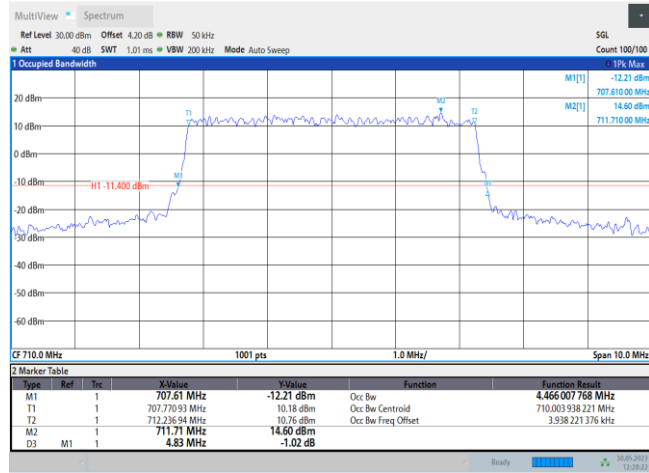
Test Graphs

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



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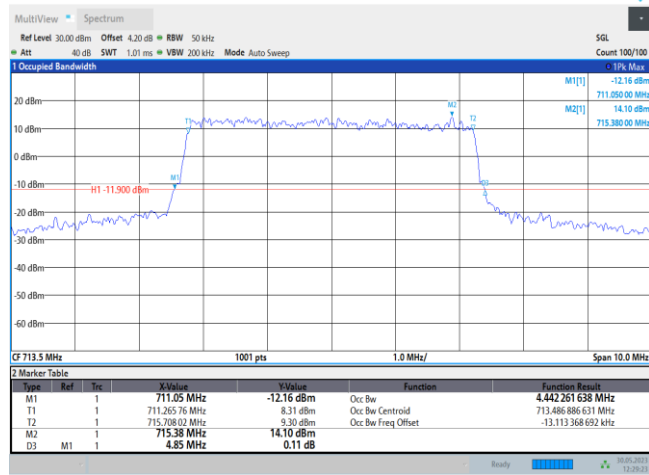


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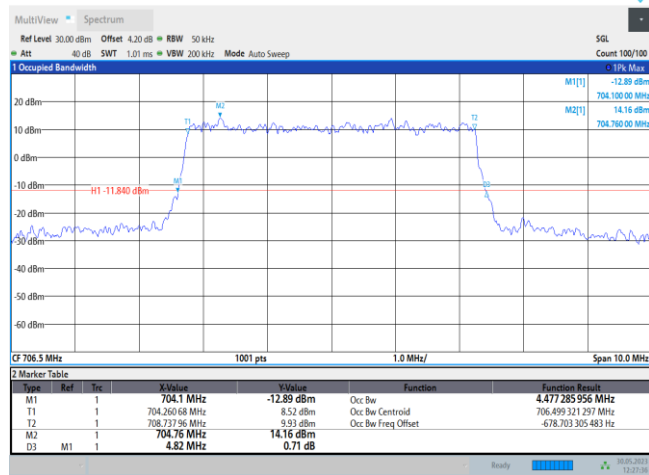
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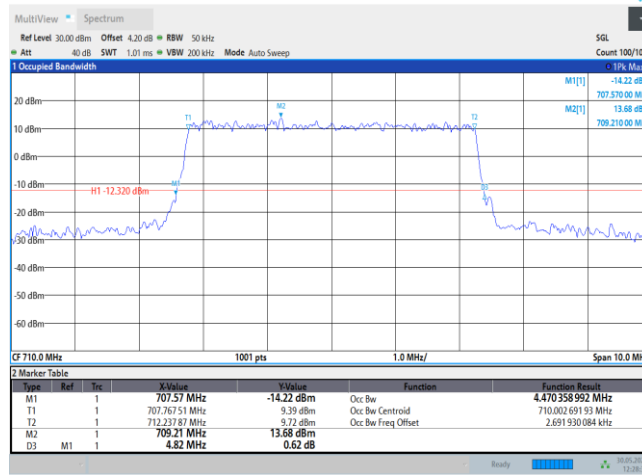


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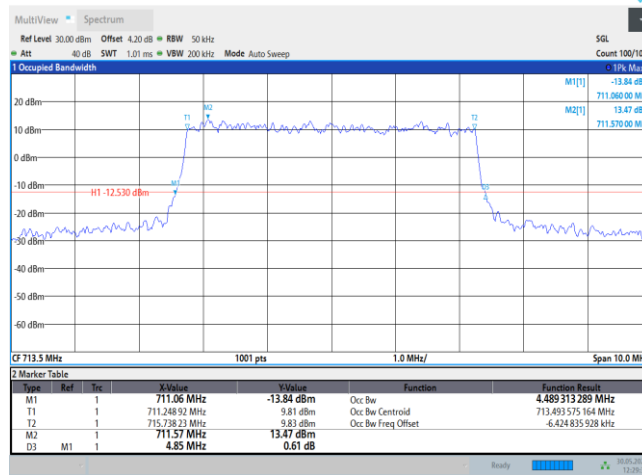
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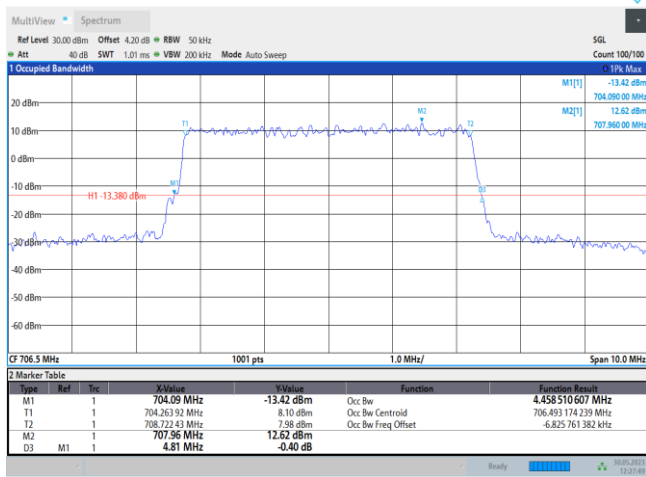
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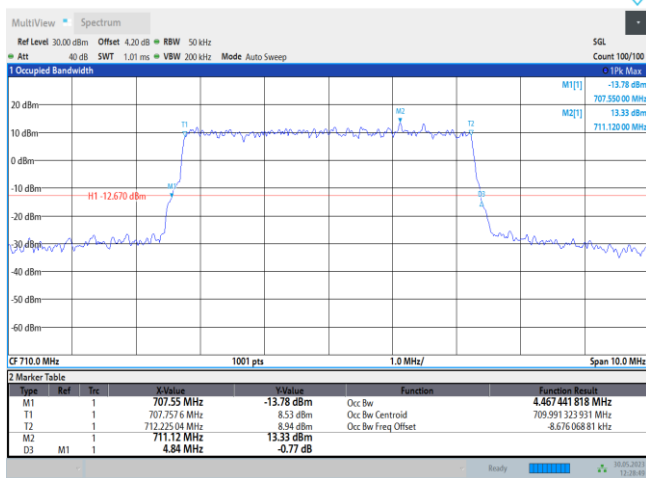
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12:28:50 30.05.2023

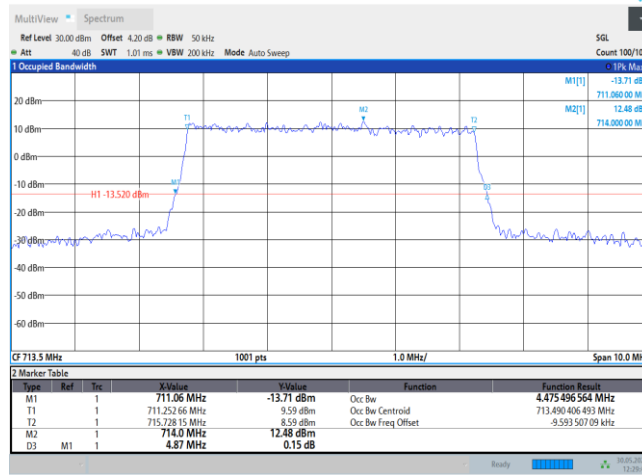


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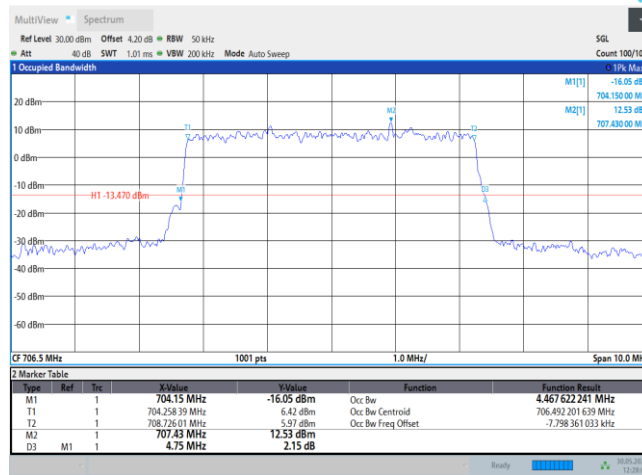
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Band17-5MHz-64QAM-23825-25RB#0



12:29:50 30.05.2023

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



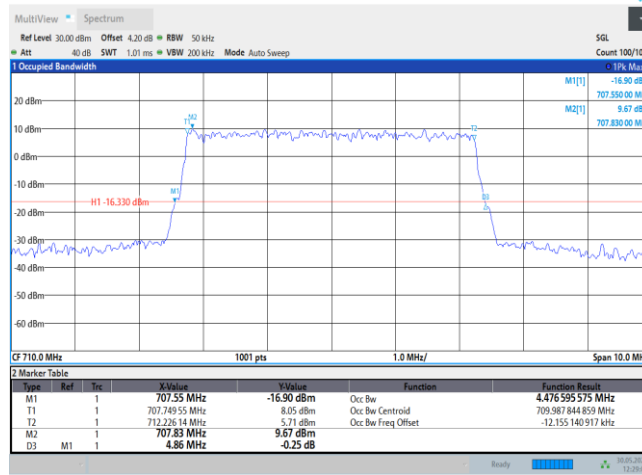
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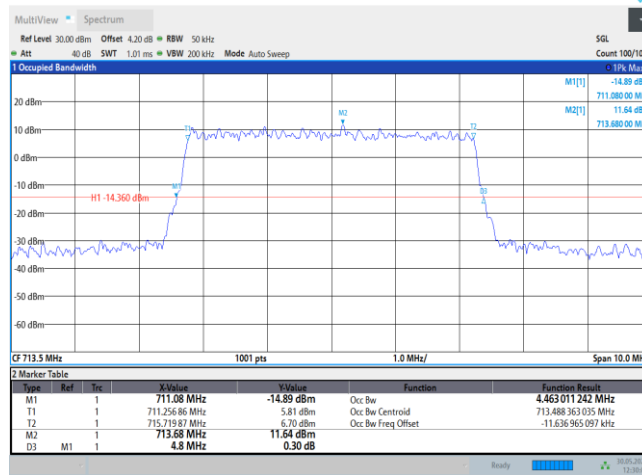
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12:29:03 30.05.2023

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



12:30:03 30.05.2023



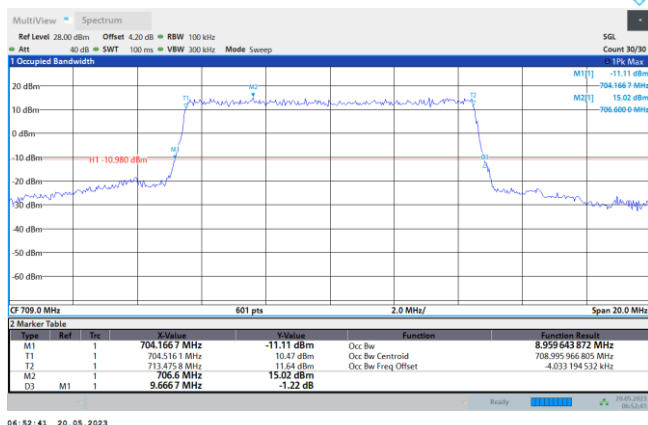
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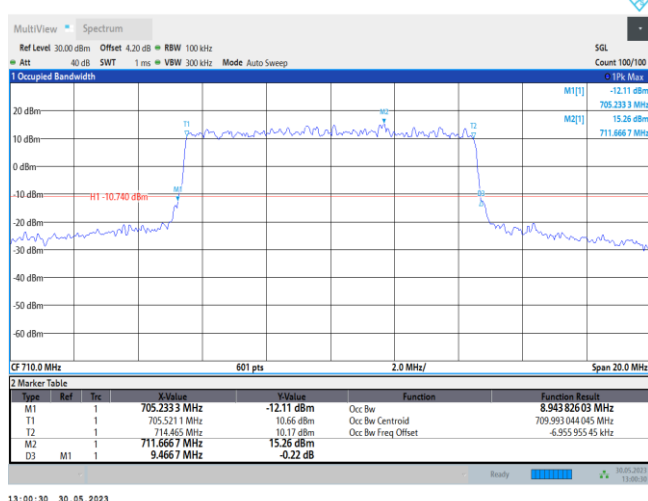
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Band17-10MHz-QPSK-23780-50RB#0



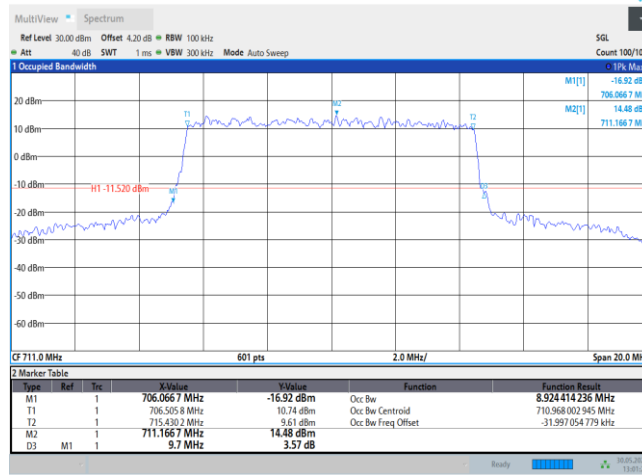
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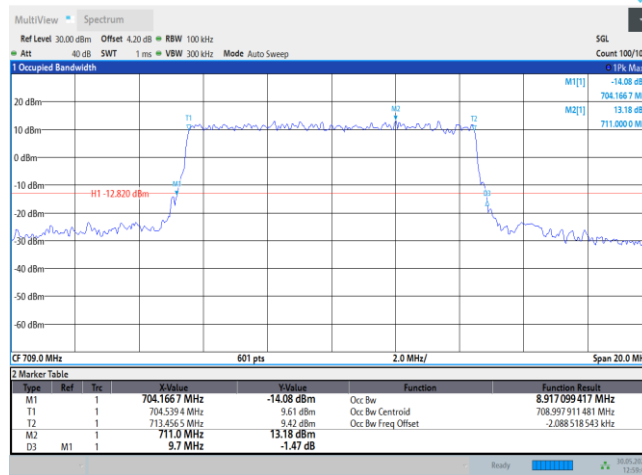
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Band17-10MHz-QPSK-23800-50RB#0



13:01:25 30.05.2023

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



12:59:48 30.05.2023

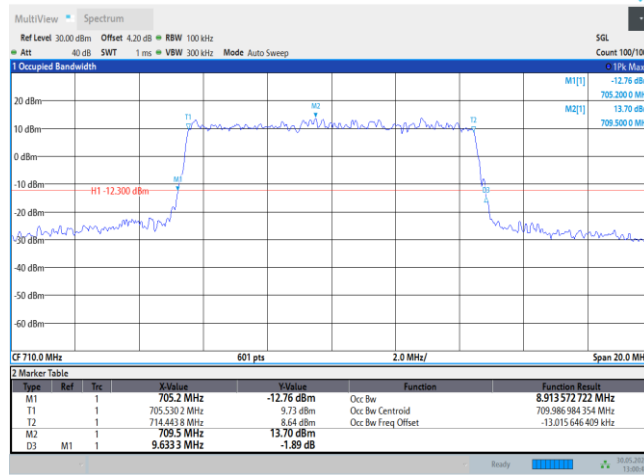


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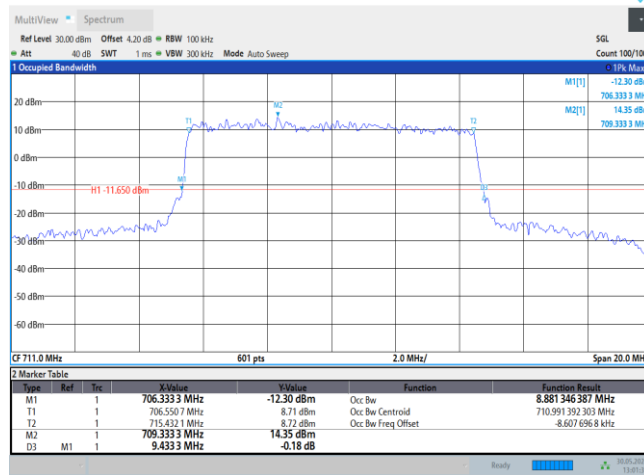
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Band17-10MHz-16QAM-23790-50RB#0



13:00:43 30.05.2023

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



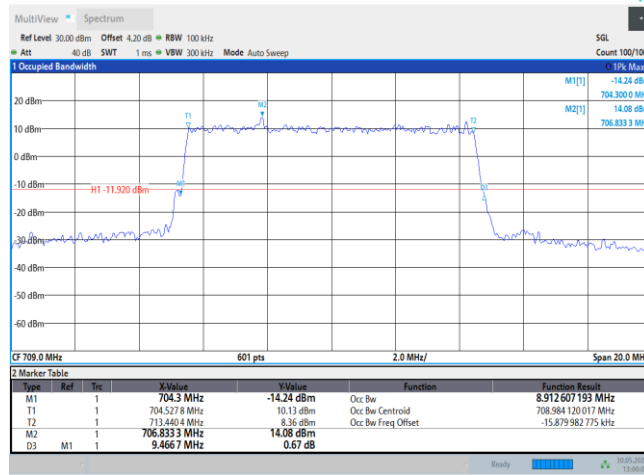
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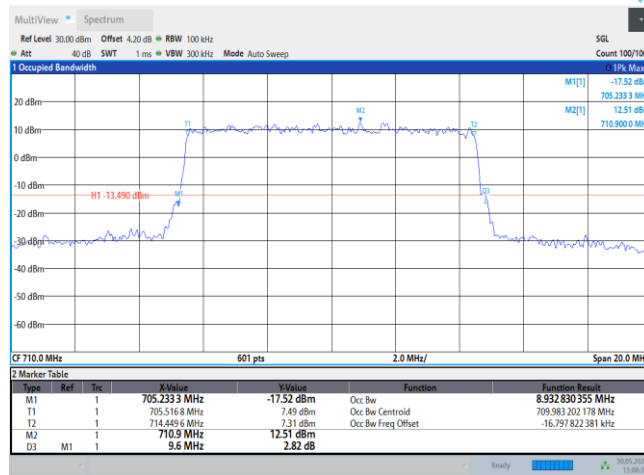
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Band17-10MHz-64QAM-23780-50RB#0



13:00:01 30.05.2023

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



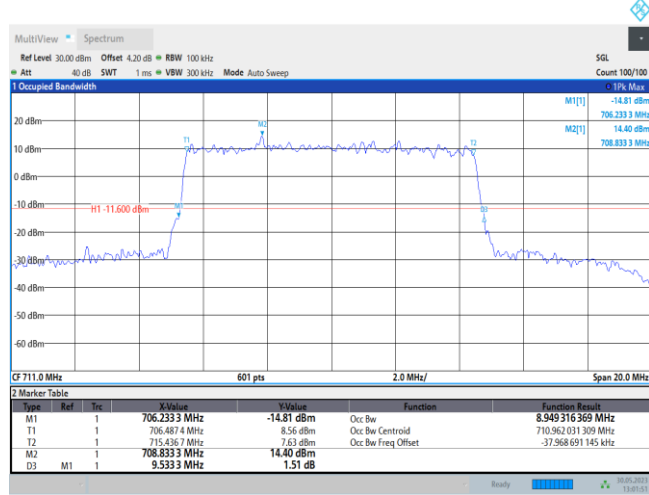
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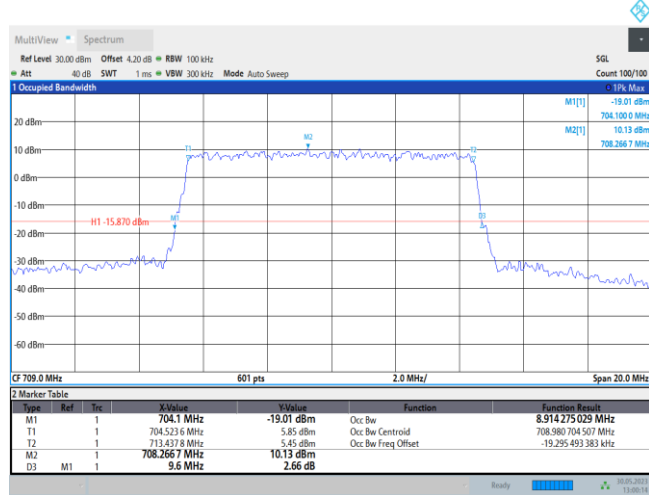
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Band17-10MHz-64QAM-23800-50RB#0



13:01:52 30.05.2023

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



13:00:15 30.05.2023



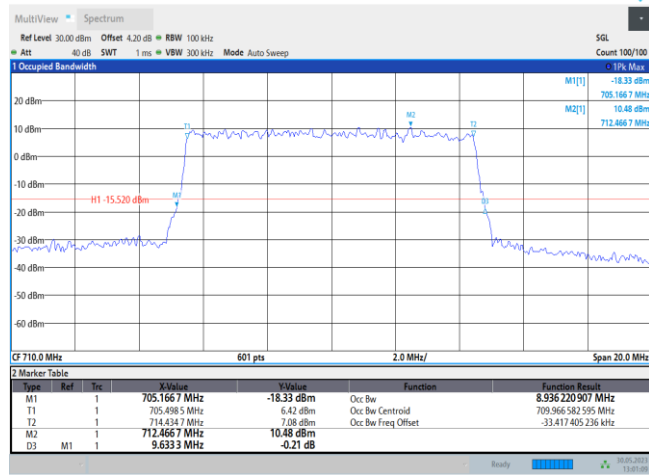
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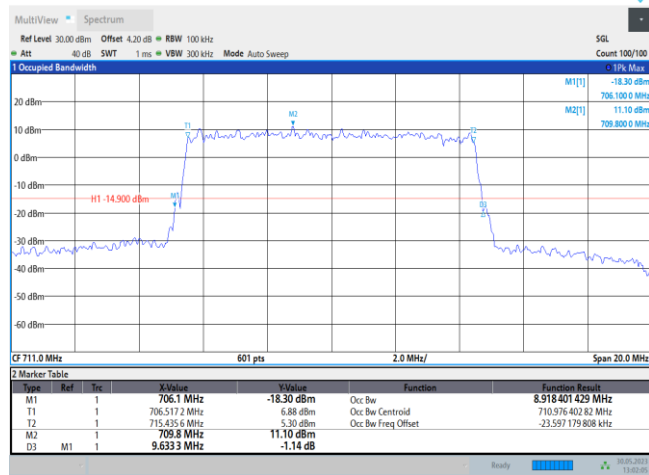
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13:01:10 30.05.2023

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



13:02:05 30.05.2023



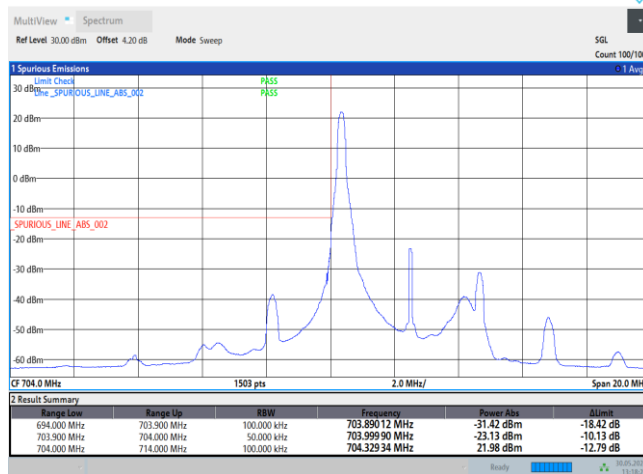
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Band Edge

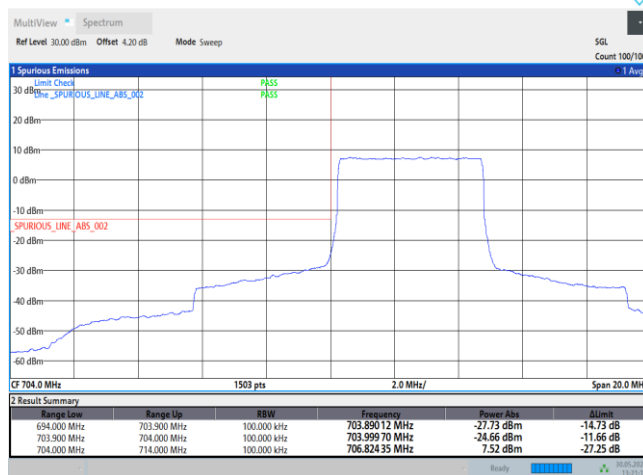
Test Graphs

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



13:18:28 30.05.2023

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



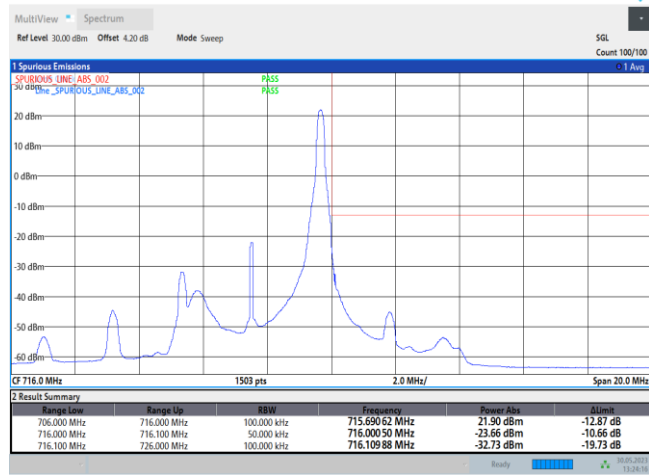
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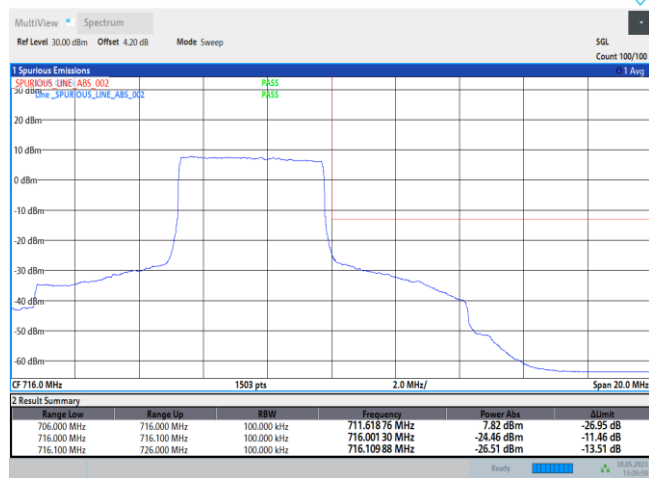
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Band17-5MHz-QPSK-23825-1RB#24



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

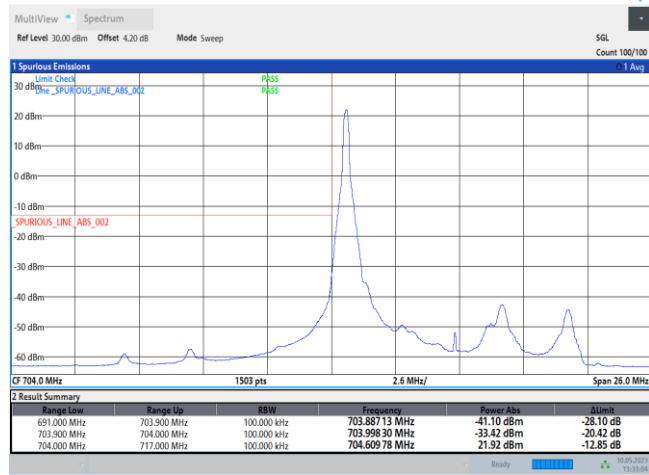


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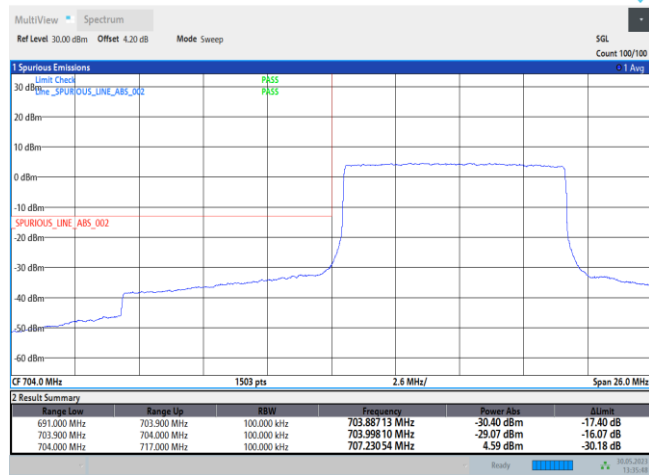
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Band17-10MHz-QPSK-23780-1RB#0



13:33:04 30.05.2023

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



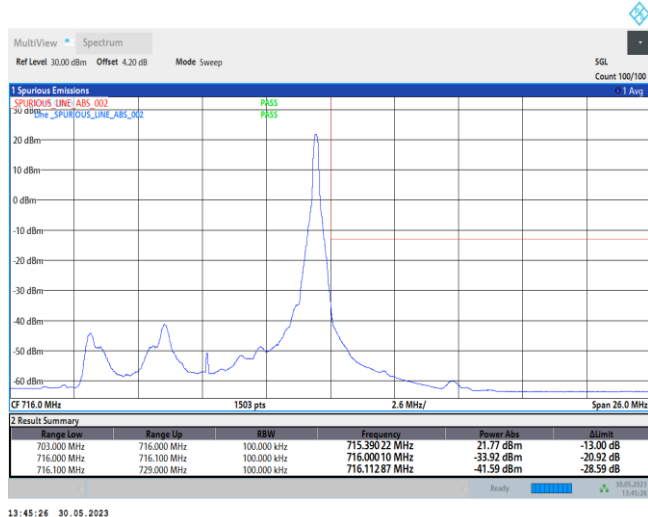
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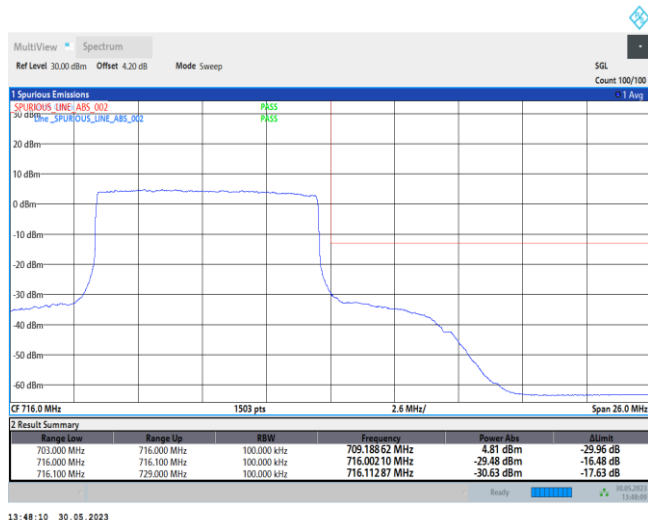
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Band17-10MHz-QPSK-23800-1RB#49



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



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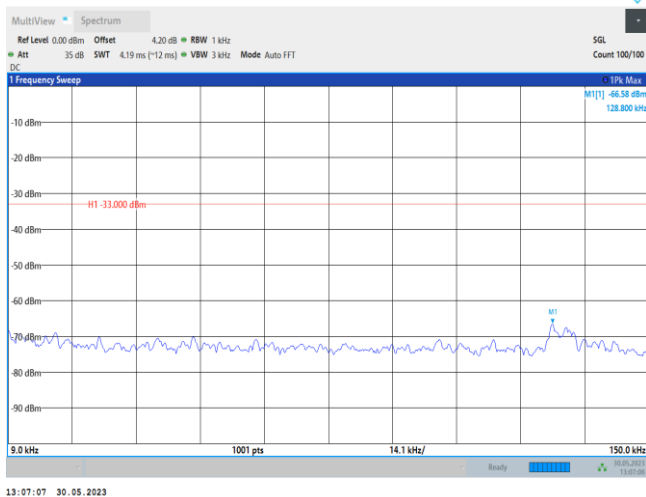
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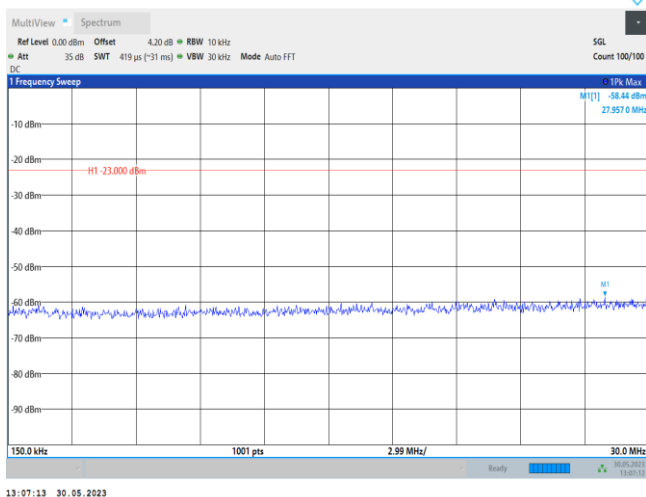
Conducted Spurious Emission

Test Graphs

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



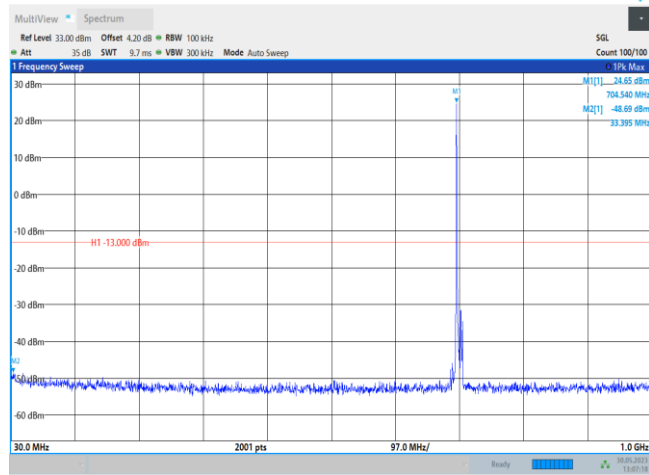
Band17-10MHz-QPSK-23780-1RB#0-Range2:0.15~30MHz



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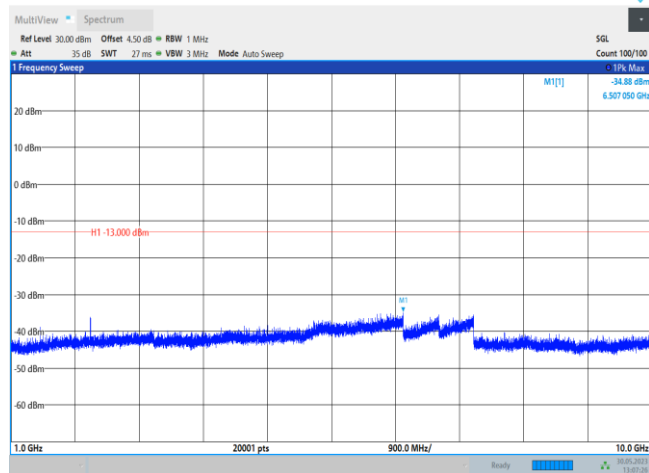
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Band17-10MHz-QPSK-23780-1RB#0-Range3:30~1000MHz



13:07:18 30.05.2023

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



13:07:26 30.05.2023

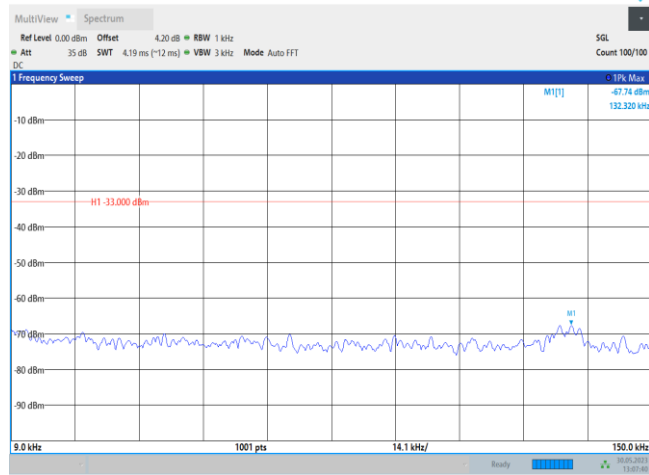


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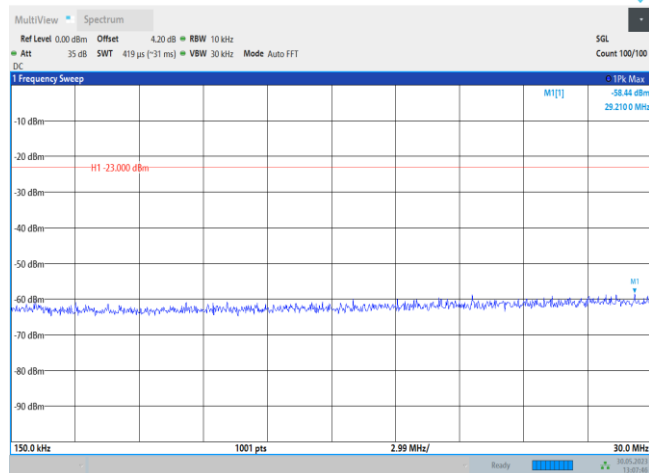
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Band17-10MHz-QPSK-23790-1RB#0-Range1:0.009~0.15MHz



13:07:41 30.05.2023

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



13:07:47 30.05.2023



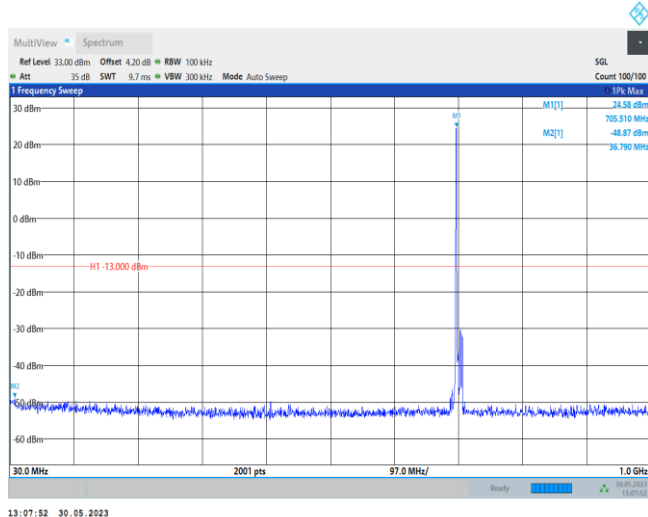
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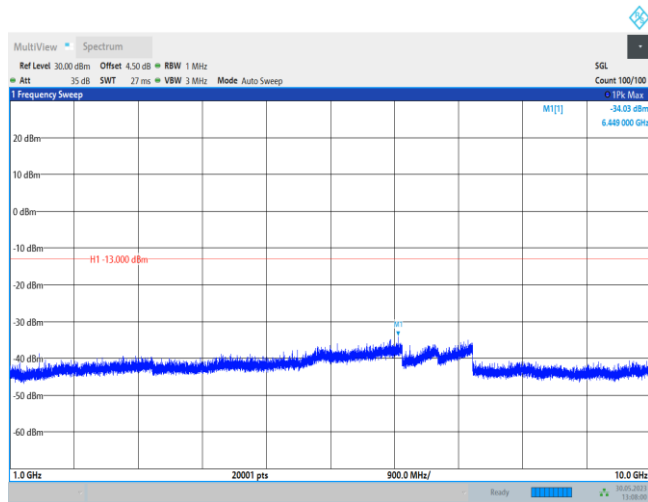
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Band17-10MHz-QPSK-23790-1RB#0-Range3:30~1000MHz



13:07:52 30.05.2023

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



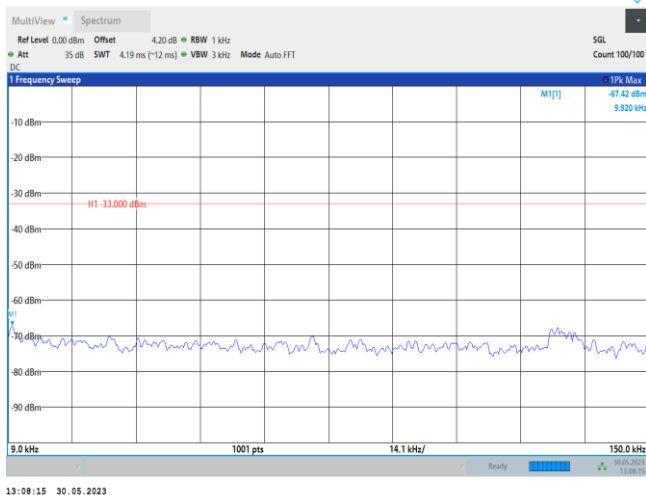
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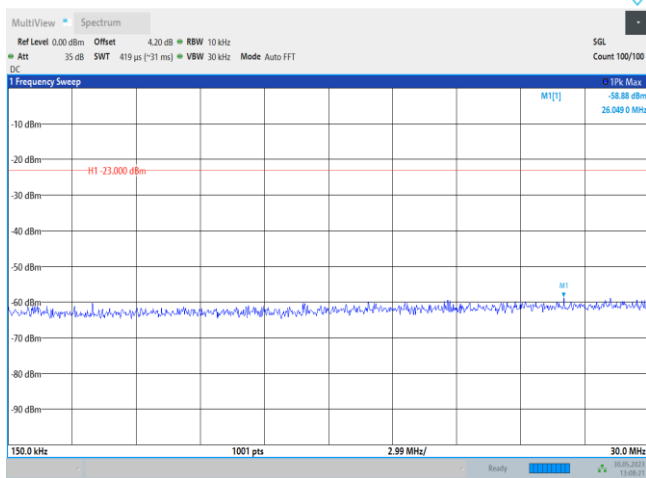
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Band17-10MHz-QPSK-23800-1RB#0-Range1:0.009~0.15MHz



13:08:15 30.05.2023

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



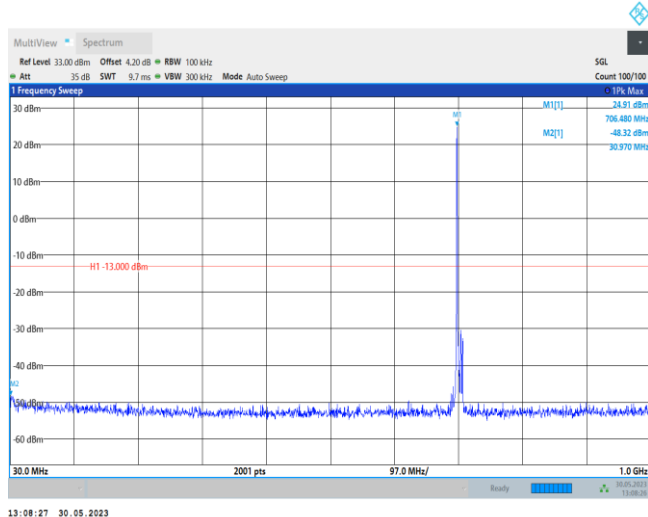
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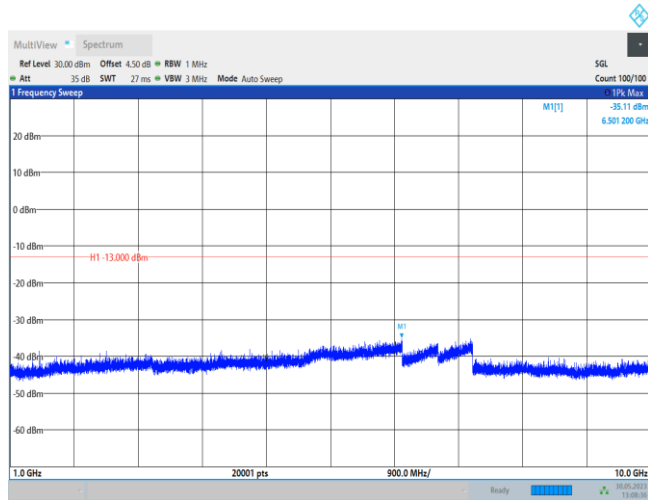
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Band17-10MHz-QPSK-23800-1RB#0-Range3:30~1000MHz



13:08:27 30.05.2023

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



13:08:36 30.05.2023



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Field Strength of Spurious Radiation

Test Band = LTE Band 17_10MHz _ TM1

Test Channel = LOW ANT11

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	57.32	-48.03	25.61	-60.36	-13.00	47.36	112	185	Horizontal
2	2113.7700	43.07	-47.71	27.04	-72.86	-13.00	59.86	158	40	Horizontal
3	2818.3600	43.34	-46.85	28.56	-70.21	-13.00	57.21	192	4	Horizontal
4	3522.9500	42.71	-46.49	29.54	-69.50	-13.00	56.50	156	212	Horizontal
5	4227.5400	41.14	-45.91	31.16	-68.87	-13.00	55.87	187	13	Horizontal
6	4932.1300	41.69	-45.65	32.69	-66.53	-13.00	53.53	223	238	Horizontal

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	58.18	-48.03	25.61	-59.50	-13.00	46.50	158	320	Vertical
2	2113.7700	43.51	-47.71	27.04	-72.42	-13.00	59.42	162	188	Vertical
3	2818.3600	43.54	-46.85	28.56	-70.01	-13.00	57.01	198	58	Vertical
4	3522.9500	43.24	-46.49	29.54	-68.97	-13.00	55.97	132	188	Vertical
5	4227.5400	41.06	-45.91	31.16	-68.95	-13.00	55.95	251	201	Vertical
6	4932.1300	42.25	-45.65	32.69	-65.97	-13.00	52.97	298	109	Vertical



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Test Band = LTE Band 17_10MHz _ TM1

Test Channel = MID ANT11

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	63.07	-48.04	25.60	-54.62	-13.00	41.62	118	146	Horizontal
2	2116.7700	42.91	-47.70	27.05	-73.00	-13.00	60.00	187	276	Horizontal
3	2822.3600	43.36	-46.84	28.58	-70.16	-13.00	57.16	156	359	Horizontal
4	3527.9500	42.59	-46.48	29.55	-69.61	-13.00	56.61	231	302	Horizontal
5	4233.5400	41.15	-45.90	31.17	-68.84	-13.00	55.84	159	105	Horizontal
6	4939.1300	41.77	-45.67	32.71	-66.45	-13.00	53.45	164	360	Horizontal

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	53.48	-48.04	25.60	-64.21	-13.00	51.21	148	307	Vertical
2	2116.7700	43.19	-47.70	27.05	-72.72	-13.00	59.72	159	55	Vertical
3	2822.3600	43.49	-46.84	28.58	-70.03	-13.00	57.03	163	122	Vertical
4	3527.9500	43.00	-46.48	29.55	-69.20	-13.00	56.20	157	0	Vertical
5	4233.5400	41.58	-45.90	31.17	-68.41	-13.00	55.41	188	81	Vertical
6	4939.1300	41.72	-45.67	32.71	-66.50	-13.00	53.50	251	122	Vertical



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Test Band = LTE Band 17_10MHz _ TM1
Test Channel = HIGH ANT11

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.1800	45.11	-48.04	25.60	-72.59	-13.00	59.59	203	118	Horizontal
2	2119.7700	43.37	-47.70	27.06	-72.53	-13.00	59.53	187	159	Horizontal
3	2826.3600	43.22	-46.83	28.60	-70.27	-13.00	57.27	145	66	Horizontal
4	3532.9500	43.00	-46.47	29.55	-69.18	-13.00	56.18	153	360	Horizontal
5	4239.5400	41.58	-45.89	31.18	-68.39	-13.00	55.39	159	118	Horizontal
6	4946.1300	41.78	-45.69	32.73	-66.44	-13.00	53.44	238	26	Horizontal

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.1800	44.29	-48.04	25.60	-73.41	-13.00	60.41	102	97	Vertical
2	2119.7700	43.16	-47.70	27.06	-72.74	-13.00	59.74	156	282	Vertical
3	2826.3600	43.74	-46.83	28.60	-69.75	-13.00	56.75	199	32	Vertical
4	3532.9500	43.21	-46.47	29.55	-68.97	-13.00	55.97	231	0	Vertical
5	4239.5400	41.61	-45.89	31.18	-68.36	-13.00	55.36	169	231	Vertical
6	4946.1300	41.93	-45.69	32.73	-66.29	-13.00	53.29	221	349	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	0.80	0.001127	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	0.00	0.000000	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	0.70	0.000986	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	0.80	0.001127	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-0.40	-0.000563	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	-1.00	-0.001408	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-0.70	-0.000986	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-0.60	-0.000845	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	0.10	0.000141	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-1.00	-0.001408	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-1.70	-0.002394	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	-0.40	-0.000563	PASS

---End of Attachment---



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