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Appendix B.9

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	24.52	22.17	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#12	24.36	22.01	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#24	24.97	22.62	34.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	24.14	21.79	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#0	24.36	22.01	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#12	24.54	22.19	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#24	24.63	22.28	34.77	PASS
Band17	5MHz	QPSK	23790	25RB#0	24.15	21.8	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	24.52	22.17	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#12	24.55	22.2	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	24.31	21.96	34.77	PASS
Band17	5MHz	QPSK	23825	25RB#0	24.17	21.82	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#0	24.35	22	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#12	24.28	21.93	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	24.28	21.93	34.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	23.2	20.85	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#0	24.38	22.03	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#12	24.25	21.9	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#24	24.31	21.96	34.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	23.16	20.81	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#0	24.3	21.95	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#12	24.23	21.88	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#24	24.3	21.95	34.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	23.14	20.79	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#0	23.31	20.96	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#12	23.4	21.05	34.77	PASS
Band17	5MHz	64QAM	23755	1RB#24	23.2	20.85	34.77	PASS



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Band17	5MHz	64QAM	23755	25RB#0	22.17	19.82	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#0	23.66	21.31	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#12	23.33	20.98	34.77	PASS
Band17	5MHz	64QAM	23790	1RB#24	23.28	20.93	34.77	PASS
Band17	5MHz	64QAM	23790	25RB#0	22.19	19.84	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#0	23.5	21.15	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#12	23.28	20.93	34.77	PASS
Band17	5MHz	64QAM	23825	1RB#24	23.25	20.9	34.77	PASS
Band17	5MHz	64QAM	23825	25RB#0	22.16	19.81	34.77	PASS
Band17	5MHz	256QAM	23755	1RB#0	20.22	17.87	34.77	PASS
Band17	5MHz	256QAM	23755	1RB#12	20.19	17.84	34.77	PASS
Band17	5MHz	256QAM	23755	1RB#24	20.08	17.73	34.77	PASS
Band17	5MHz	256QAM	23755	25RB#0	20.18	17.83	34.77	PASS
Band17	5MHz	256QAM	23790	1RB#0	20.17	17.82	34.77	PASS
Band17	5MHz	256QAM	23790	1RB#12	20.36	18.01	34.77	PASS
Band17	5MHz	256QAM	23790	1RB#24	20.31	17.96	34.77	PASS
Band17	5MHz	256QAM	23790	25RB#0	20.18	17.83	34.77	PASS
Band17	5MHz	256QAM	23825	1RB#0	20.34	17.99	34.77	PASS
Band17	5MHz	256QAM	23825	1RB#12	20.31	17.96	34.77	PASS
Band17	5MHz	256QAM	23825	1RB#24	20.16	17.81	34.77	PASS
Band17	5MHz	256QAM	23825	25RB#0	20.2	17.85	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	24.63	22.28	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#24	24.51	22.16	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#49	24.36	22.01	34.77	PASS
Band17	10MHz	QPSK	23780	50RB#0	24.19	21.84	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#0	24.32	21.97	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#24	24.52	22.17	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#49	24.56	22.21	34.77	PASS
Band17	10MHz	QPSK	23790	50RB#0	24.16	21.81	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	24.13	21.78	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#24	24.58	22.23	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#49	24.12	21.77	34.77	PASS
Band17	10MHz	QPSK	23800	50RB#0	24.08	21.73	34.77	PASS



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Band17	10MHz	16QAM	23780	1RB#0	24.1	21.75	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#24	24.16	21.81	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#49	24.24	21.89	34.77	PASS
Band17	10MHz	16QAM	23780	50RB#0	23.2	20.85	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#0	24.21	21.86	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#24	24.31	21.96	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	24.11	21.76	34.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	23.16	20.81	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	24.34	21.99	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#24	24.28	21.93	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	24.28	21.93	34.77	PASS
Band17	10MHz	16QAM	23800	50RB#0	23.13	20.78	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#0	23.21	20.86	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#24	23.3	20.95	34.77	PASS
Band17	10MHz	64QAM	23780	1RB#49	23.43	21.08	34.77	PASS
Band17	10MHz	64QAM	23780	50RB#0	22.23	19.88	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#0	23.35	21	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#24	23.45	21.1	34.77	PASS
Band17	10MHz	64QAM	23790	1RB#49	23.58	21.23	34.77	PASS
Band17	10MHz	64QAM	23790	50RB#0	22.19	19.84	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#0	23.43	21.08	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#24	23.43	21.08	34.77	PASS
Band17	10MHz	64QAM	23800	1RB#49	23.16	20.81	34.77	PASS
Band17	10MHz	64QAM	23800	50RB#0	22.07	19.72	34.77	PASS
Band17	10MHz	256QAM	23780	1RB#0	20.11	17.76	34.77	PASS
Band17	10MHz	256QAM	23780	1RB#24	20.19	17.84	34.77	PASS
Band17	10MHz	256QAM	23780	1RB#49	20.19	17.84	34.77	PASS
Band17	10MHz	256QAM	23780	50RB#0	20.28	17.93	34.77	PASS
Band17	10MHz	256QAM	23790	1RB#0	20.18	17.83	34.77	PASS
Band17	10MHz	256QAM	23790	1RB#24	20.3	17.95	34.77	PASS
Band17	10MHz	256QAM	23790	1RB#49	20.26	17.91	34.77	PASS
Band17	10MHz	256QAM	23790	50RB#0	20.24	17.89	34.77	PASS
Band17	10MHz	256QAM	23800	1RB#0	20.21	17.86	34.77	PASS



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Band17	10MHz	256QAM	23800	1RB#24	20.33	17.98	34.77	PASS
Band17	10MHz	256QAM	23800	1RB#49	20.19	17.84	34.77	PASS
Band17	10MHz	256QAM	23800	50RB#0	20.19	17.84	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	4.40	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	4.58	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	4.50	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	5.26	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	5.38	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	5.38	13	PASS
Band17	10MHz	64QAM	23780	50RB#0	6.08	13	PASS
Band17	10MHz	64QAM	23790	50RB#0	6.18	13	PASS
Band17	10MHz	64QAM	23800	50RB#0	6.20	13	PASS
Band17	10MHz	256QAM	23780	50RB#0	6.48	13	PASS
Band17	10MHz	256QAM	23790	50RB#0	6.56	13	PASS
Band17	10MHz	256QAM	23800	50RB#0	6.56	13	PASS



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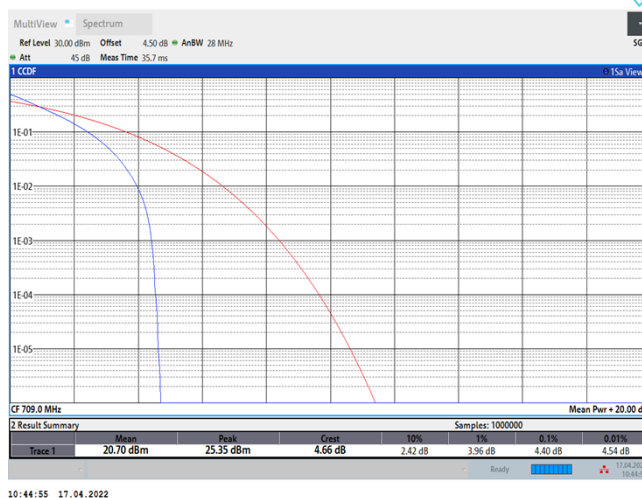
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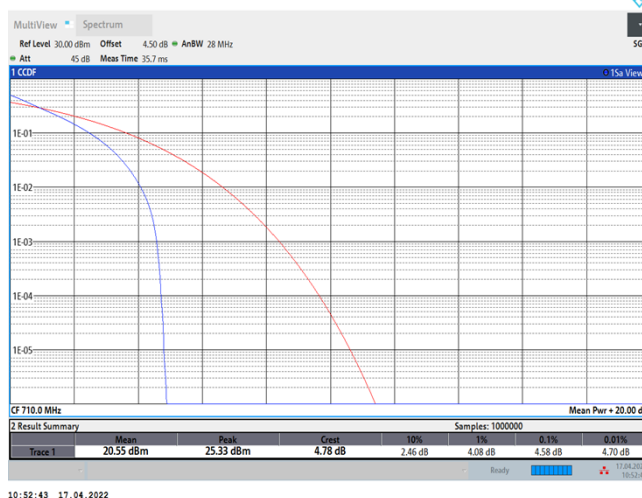
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Test Graphs

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



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



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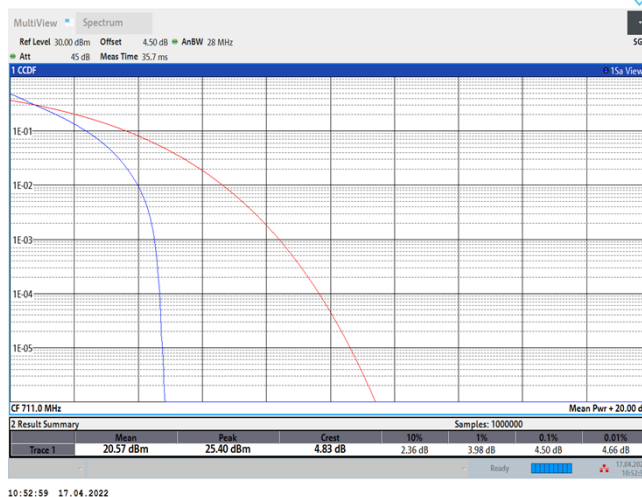
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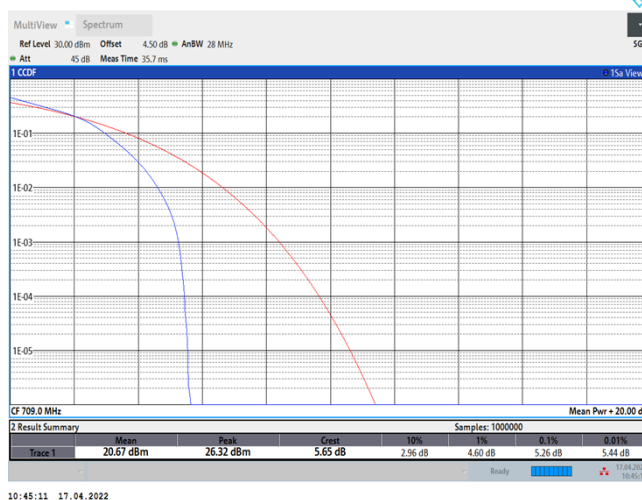
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Band17-10MHz-QPSK-23800-50RB#0



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



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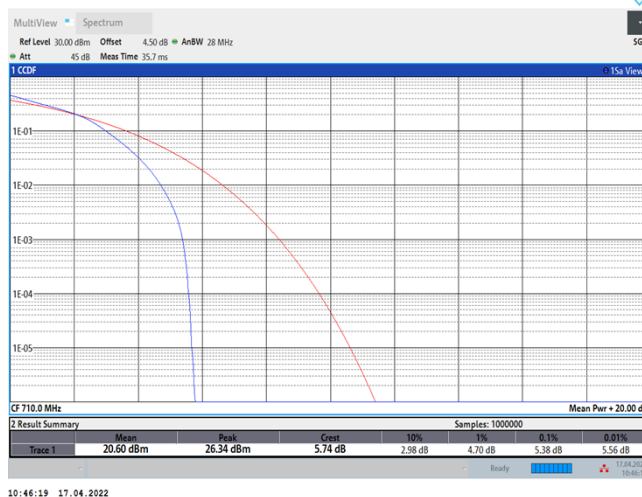
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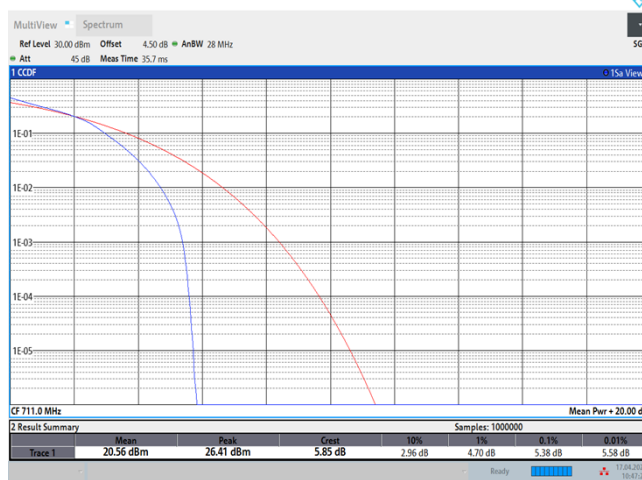
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Band17-10MHz-16QAM-23790-50RB#0



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



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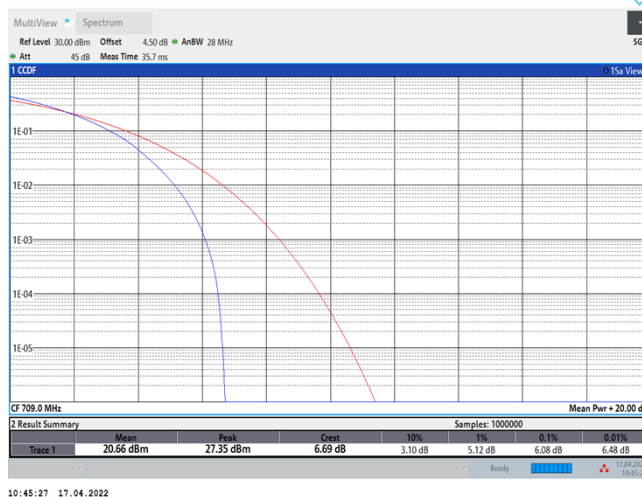
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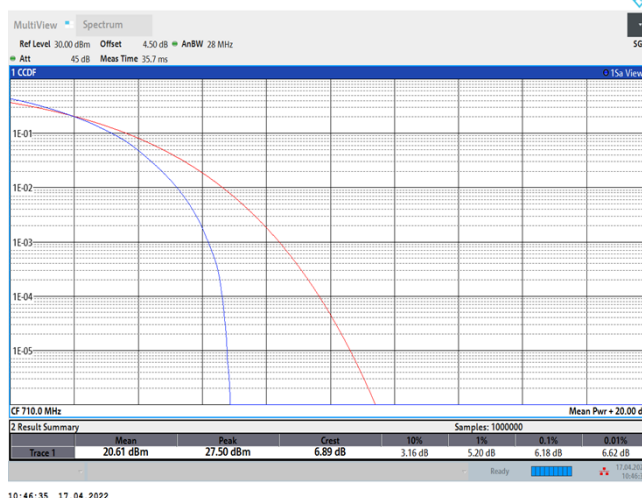
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Band17-10MHz-64QAM-23780-50RB#0



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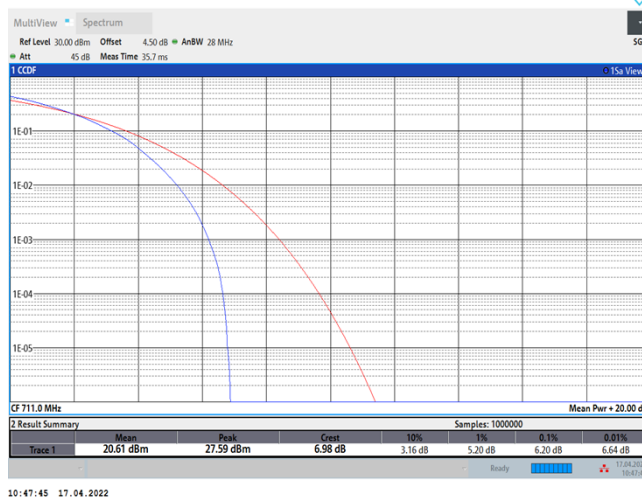
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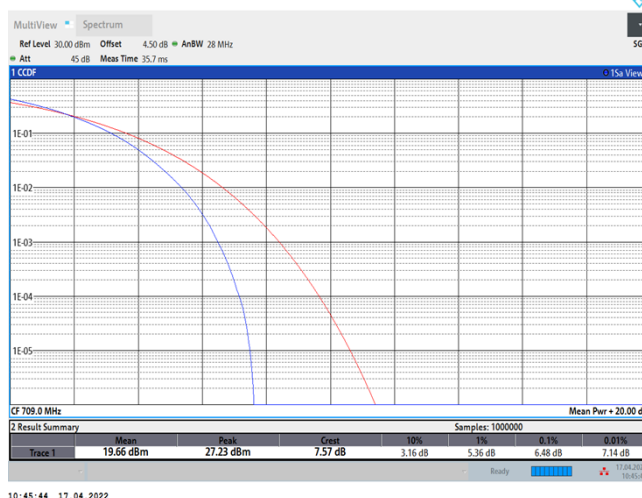
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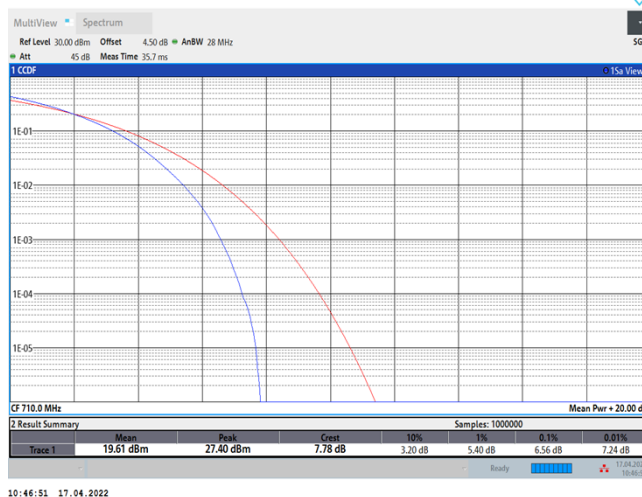
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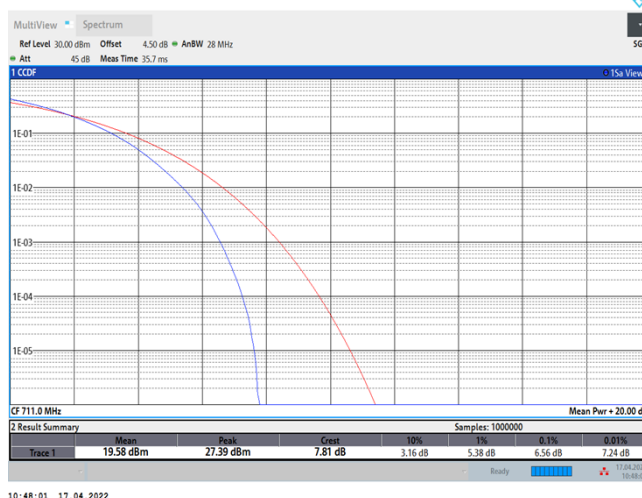
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Modulation Characteristics

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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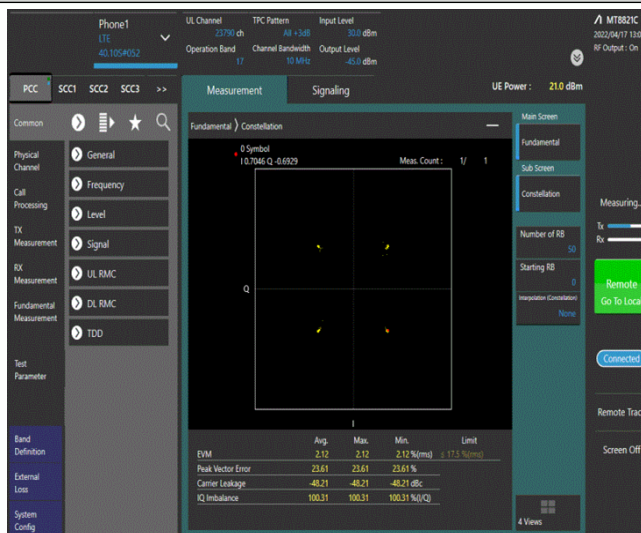
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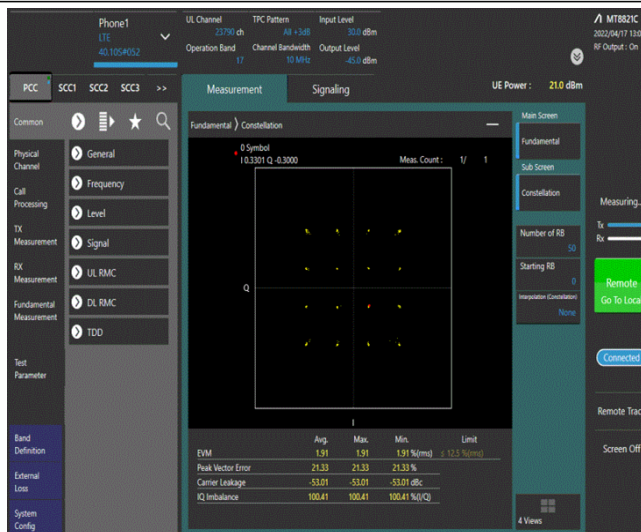
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Test Graphs

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



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



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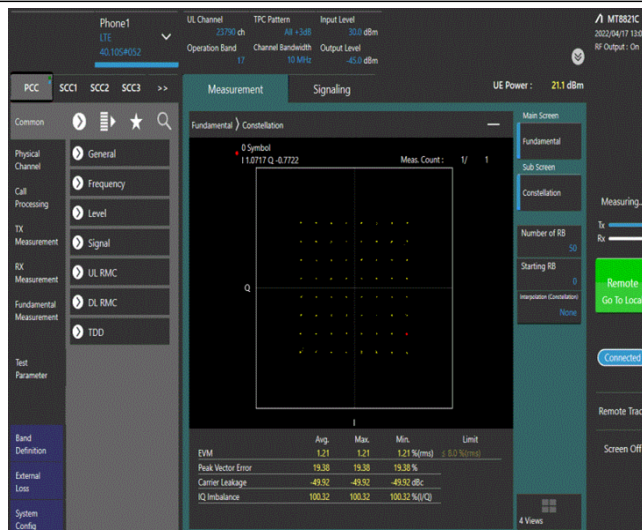
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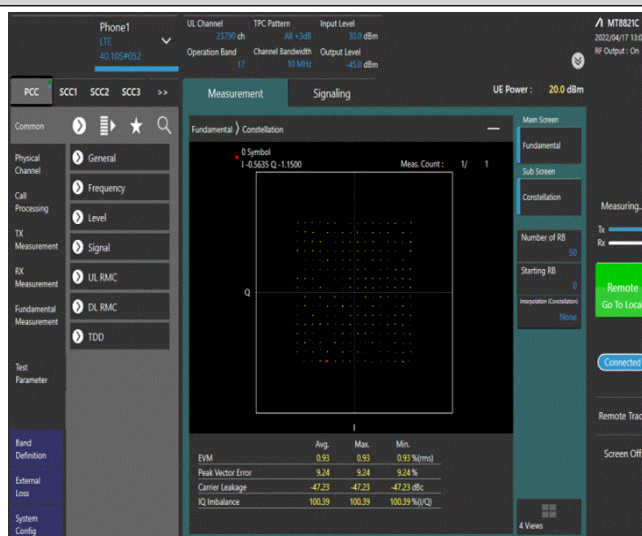
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Band17-10MHz-256QAM-23790-50RB#0



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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	4.484	5.11	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.477	5.02	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.476	5.04	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.476	5.13	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.480	5.04	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.483	5.10	PASS
Band17	5MHz	64QAM	23755	25RB#0	4.478	5.01	PASS
Band17	5MHz	64QAM	23790	25RB#0	4.478	5.06	PASS
Band17	5MHz	64QAM	23825	25RB#0	4.482	5.06	PASS
Band17	5MHz	256QAM	23755	25RB#0	4.478	5.06	PASS
Band17	5MHz	256QAM	23790	25RB#0	4.483	4.99	PASS
Band17	5MHz	256QAM	23825	25RB#0	4.483	5.04	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.953	9.87	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.958	9.97	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.946	9.87	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.942	9.90	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.943	9.77	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.960	9.80	PASS
Band17	10MHz	64QAM	23780	50RB#0	8.948	9.83	PASS
Band17	10MHz	64QAM	23790	50RB#0	8.930	9.80	PASS
Band17	10MHz	64QAM	23800	50RB#0	8.952	9.83	PASS
Band17	10MHz	256QAM	23780	50RB#0	8.926	9.80	PASS
Band17	10MHz	256QAM	23790	50RB#0	8.957	10.00	PASS
Band17	10MHz	256QAM	23800	50RB#0	8.947	9.83	PASS



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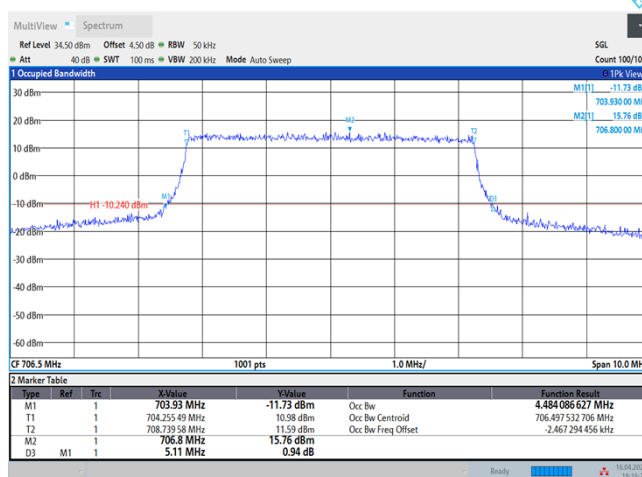
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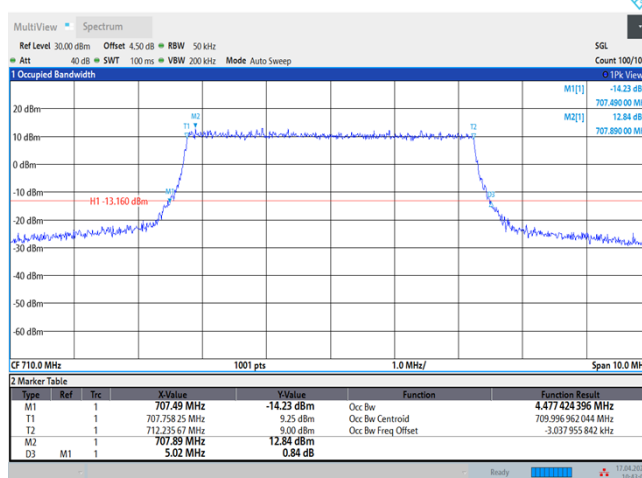
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Test Graphs

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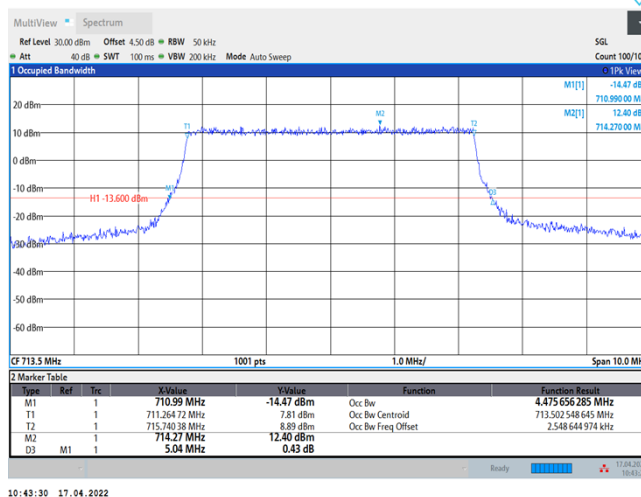
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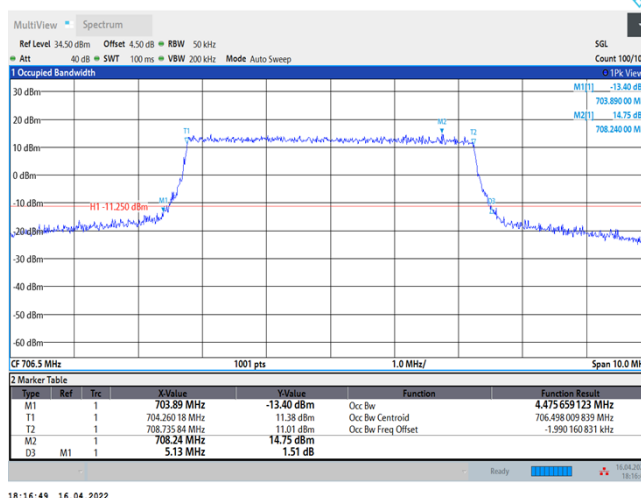
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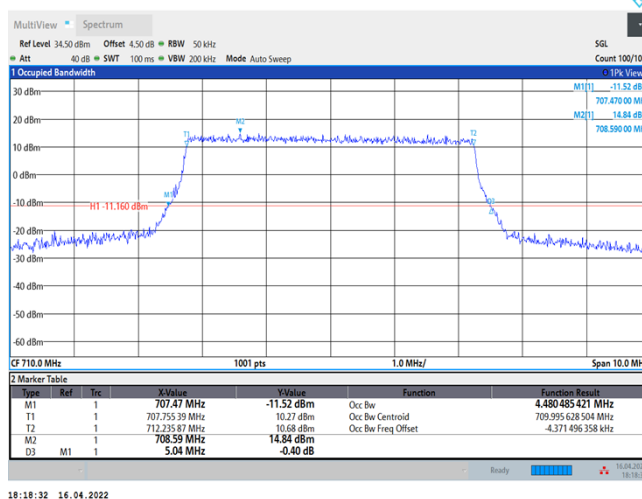
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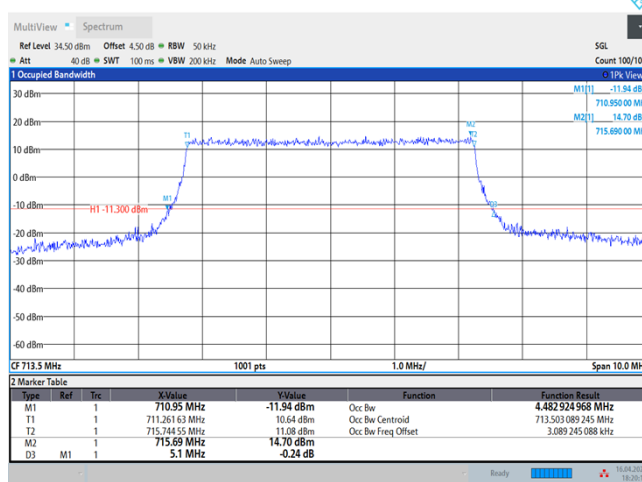
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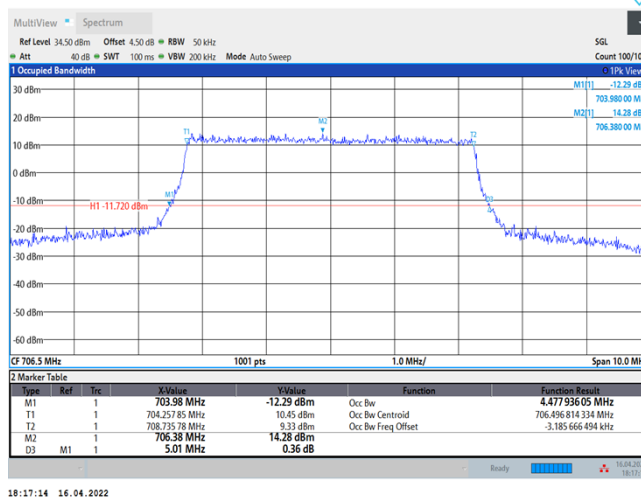
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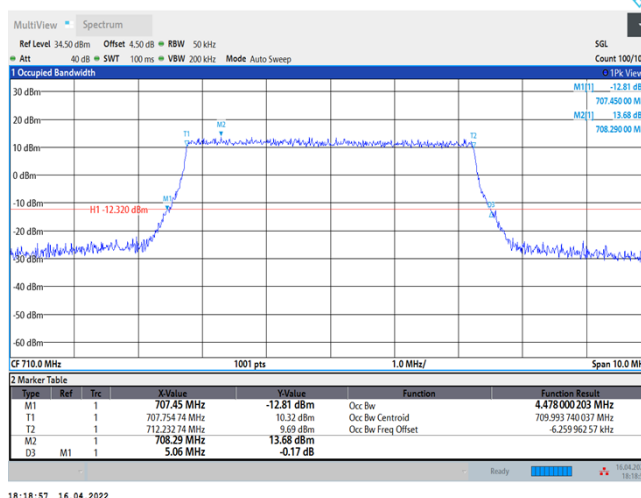
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Band17-5MHz-64QAM-23790-25RB#0



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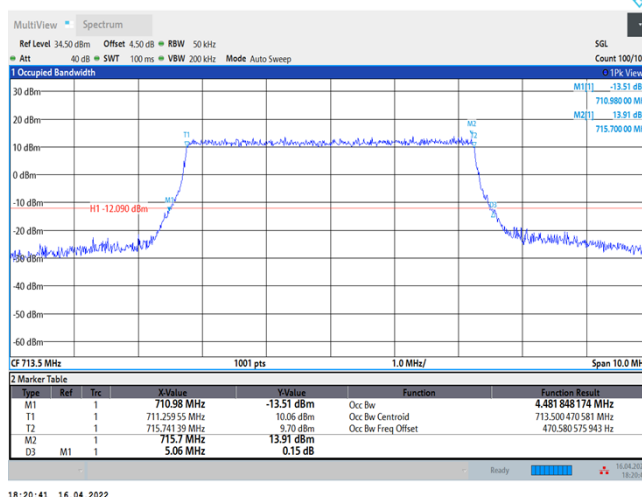
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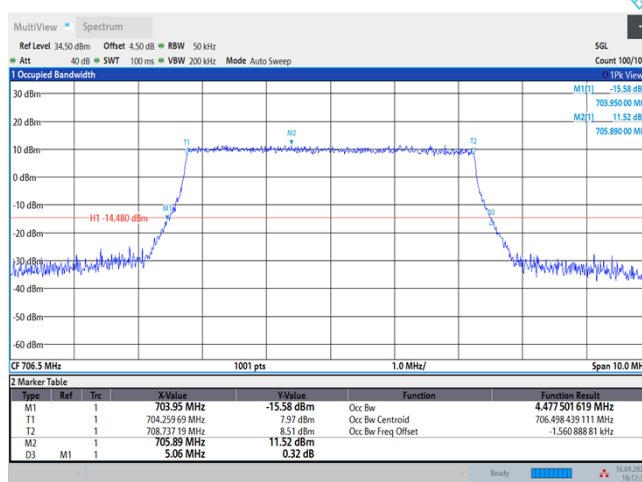
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Band17-5MHz-256QAM-23755-25RB#0



18:17:39 16.04.2022



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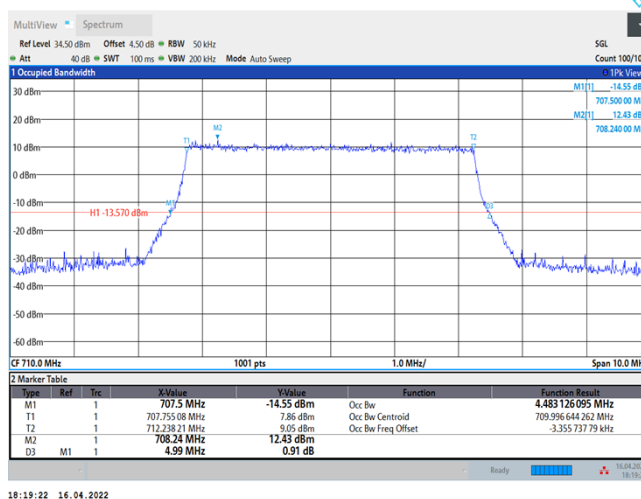
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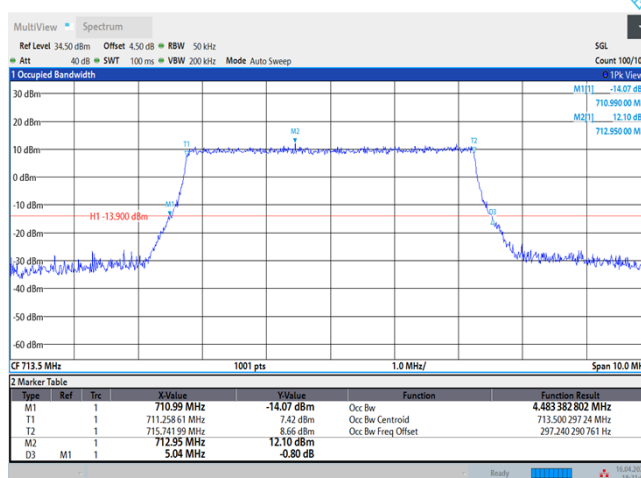
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18:21:06 16.04.2022



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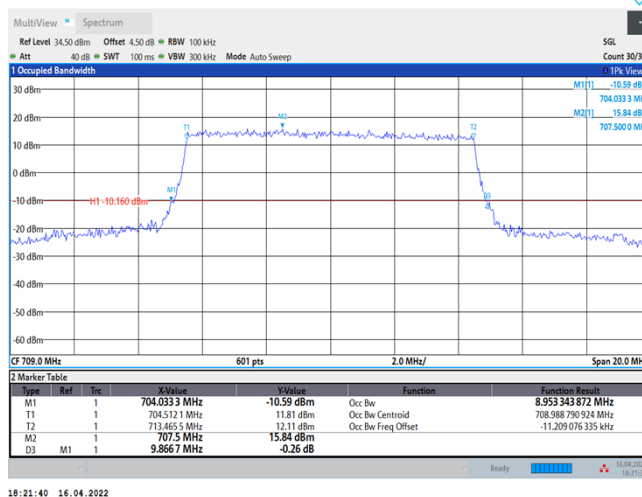
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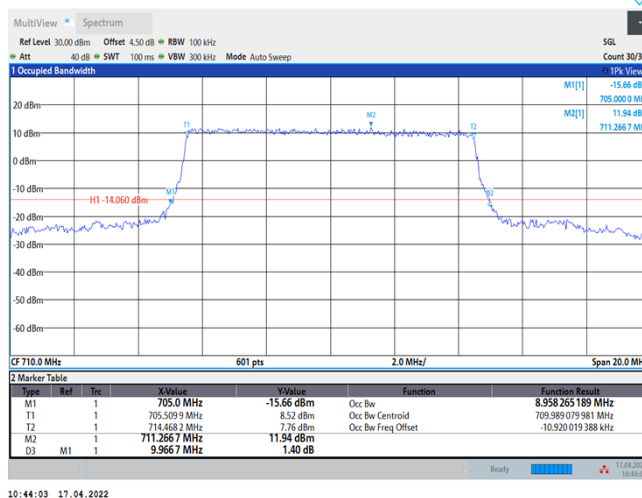
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Band17-10MHz-QPSK-23780-50RB#0



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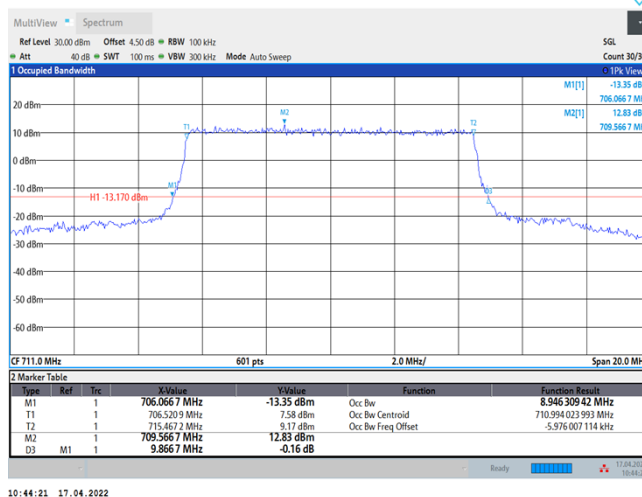
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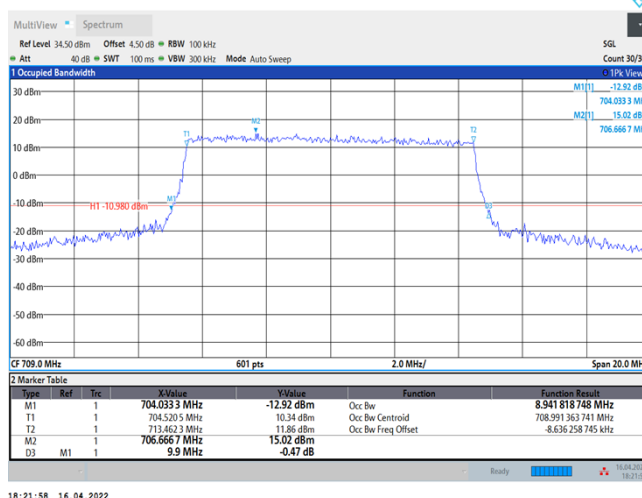
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Band17-10MHz-16QAM-23780-50RB#0



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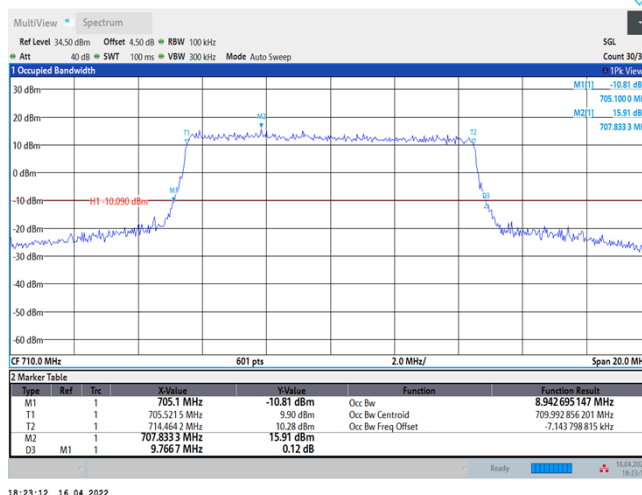
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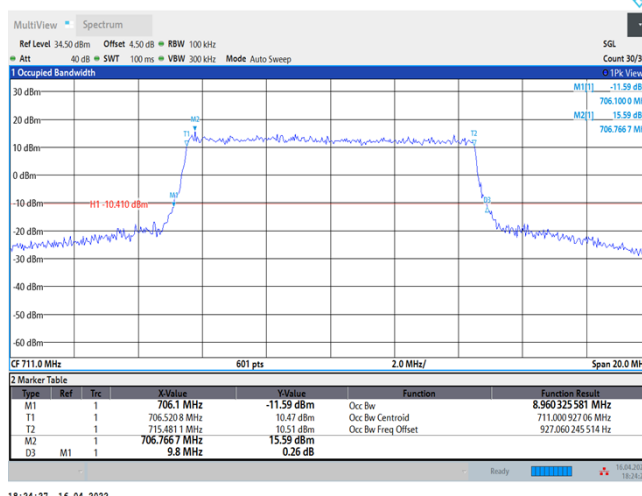
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Band17-10MHz-16QAM-23800-50RB#0



18:24:27 16.04.2022



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