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Appendix B.18

LTE Band 71



SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

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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
Band71	5MHz	QPSK	133147	1RB#0	23.02	17.95	34.77	PASS
Band71	5MHz	QPSK	133147	1RB#12	23.27	18.20	34.77	PASS
Band71	5MHz	QPSK	133147	1RB#24	23.05	17.98	34.77	PASS
Band71	5MHz	QPSK	133147	25RB#0	22.11	17.04	34.77	PASS
Band71	5MHz	QPSK	133297	1RB#0	23.35	18.28	34.77	PASS
Band71	5MHz	QPSK	133297	1RB#12	23.59	18.52	34.77	PASS
Band71	5MHz	QPSK	133297	1RB#24	23.34	18.27	34.77	PASS
Band71	5MHz	QPSK	133297	25RB#0	22.46	17.39	34.77	PASS
Band71	5MHz	QPSK	133447	1RB#0	23.20	18.13	34.77	PASS
Band71	5MHz	QPSK	133447	1RB#12	23.41	18.34	34.77	PASS
Band71	5MHz	QPSK	133447	1RB#24	23.23	18.16	34.77	PASS
Band71	5MHz	QPSK	133447	25RB#0	22.34	17.27	34.77	PASS
Band71	5MHz	16QAM	133147	1RB#0	22.37	17.30	34.77	PASS
Band71	5MHz	16QAM	133147	1RB#12	22.63	17.56	34.77	PASS
Band71	5MHz	16QAM	133147	1RB#24	22.38	17.31	34.77	PASS
Band71	5MHz	16QAM	133147	25RB#0	21.22	16.15	34.77	PASS
Band71	5MHz	16QAM	133297	1RB#0	22.64	17.57	34.77	PASS
Band71	5MHz	16QAM	133297	1RB#12	22.81	17.74	34.77	PASS
Band71	5MHz	16QAM	133297	1RB#24	22.59	17.52	34.77	PASS
Band71	5MHz	16QAM	133297	25RB#0	21.49	16.42	34.77	PASS
Band71	5MHz	16QAM	133447	1RB#0	22.53	17.46	34.77	PASS
Band71	5MHz	16QAM	133447	1RB#12	22.78	17.71	34.77	PASS
Band71	5MHz	16QAM	133447	1RB#24	22.63	17.56	34.77	PASS
Band71	5MHz	16QAM	133447	25RB#0	21.36	16.29	34.77	PASS



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Band71	5MHz	64QAM	133147	1RB#0	21.18	16.11	34.77	PASS
Band71	5MHz	64QAM	133147	1RB#12	21.54	16.47	34.77	PASS
Band71	5MHz	64QAM	133147	1RB#24	21.27	16.20	34.77	PASS
Band71	5MHz	64QAM	133147	25RB#0	20.28	15.21	34.77	PASS
Band71	5MHz	64QAM	133297	1RB#0	21.59	16.52	34.77	PASS
Band71	5MHz	64QAM	133297	1RB#12	21.79	16.72	34.77	PASS
Band71	5MHz	64QAM	133297	1RB#24	21.54	16.47	34.77	PASS
Band71	5MHz	64QAM	133297	25RB#0	20.53	15.46	34.77	PASS
Band71	5MHz	64QAM	133447	1RB#0	21.50	16.43	34.77	PASS
Band71	5MHz	64QAM	133447	1RB#12	21.65	16.58	34.77	PASS
Band71	5MHz	64QAM	133447	1RB#24	21.41	16.34	34.77	PASS
Band71	5MHz	64QAM	133447	25RB#0	20.35	15.28	34.77	PASS
Band71	10MHz	QPSK	133172	1RB#0	23.19	18.12	34.77	PASS
Band71	10MHz	QPSK	133172	1RB#24	23.43	18.36	34.77	PASS
Band71	10MHz	QPSK	133172	1RB#49	23.35	18.28	34.77	PASS
Band71	10MHz	QPSK	133172	50RB#0	22.35	17.28	34.77	PASS
Band71	10MHz	QPSK	133297	1RB#0	23.43	18.36	34.77	PASS
Band71	10MHz	QPSK	133297	1RB#24	23.57	18.50	34.77	PASS
Band71	10MHz	QPSK	133297	1RB#49	23.38	18.31	34.77	PASS
Band71	10MHz	QPSK	133297	50RB#0	22.56	17.49	34.77	PASS
Band71	10MHz	QPSK	133422	1RB#0	23.39	18.32	34.77	PASS
Band71	10MHz	QPSK	133422	1RB#24	23.44	18.37	34.77	PASS
Band71	10MHz	QPSK	133422	1RB#49	23.28	18.21	34.77	PASS
Band71	10MHz	QPSK	133422	50RB#0	22.46	17.39	34.77	PASS
Band71	10MHz	16QAM	133172	1RB#0	22.50	17.43	34.77	PASS
Band71	10MHz	16QAM	133172	1RB#24	22.76	17.69	34.77	PASS
Band71	10MHz	16QAM	133172	1RB#49	22.67	17.60	34.77	PASS
Band71	10MHz	16QAM	133172	50RB#0	21.38	16.31	34.77	PASS
Band71	10MHz	16QAM	133297	1RB#0	22.61	17.54	34.77	PASS
Band71	10MHz	16QAM	133297	1RB#24	22.82	17.75	34.77	PASS
Band71	10MHz	16QAM	133297	1RB#49	22.72	17.65	34.77	PASS
Band71	10MHz	16QAM	133297	50RB#0	21.58	16.51	34.77	PASS
Band71	10MHz	16QAM	133422	1RB#0	22.58	17.51	34.77	PASS



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Band71	10MHz	16QAM	133422	1RB#24	22.75	17.68	34.77	PASS
Band71	10MHz	16QAM	133422	1RB#49	22.57	17.50	34.77	PASS
Band71	10MHz	16QAM	133422	50RB#0	21.48	16.41	34.77	PASS
Band71	10MHz	64QAM	133172	1RB#0	21.32	16.25	34.77	PASS
Band71	10MHz	64QAM	133172	1RB#24	21.55	16.48	34.77	PASS
Band71	10MHz	64QAM	133172	1RB#49	21.47	16.40	34.77	PASS
Band71	10MHz	64QAM	133172	50RB#0	20.43	15.36	34.77	PASS
Band71	10MHz	64QAM	133297	1RB#0	21.62	16.55	34.77	PASS
Band71	10MHz	64QAM	133297	1RB#24	21.77	16.70	34.77	PASS
Band71	10MHz	64QAM	133297	1RB#49	21.60	16.53	34.77	PASS
Band71	10MHz	64QAM	133297	50RB#0	20.62	15.55	34.77	PASS
Band71	10MHz	64QAM	133422	1RB#0	21.62	16.55	34.77	PASS
Band71	10MHz	64QAM	133422	1RB#24	21.65	16.58	34.77	PASS
Band71	10MHz	64QAM	133422	1RB#49	21.53	16.46	34.77	PASS
Band71	10MHz	64QAM	133422	50RB#0	20.45	15.38	34.77	PASS
Band71	15MHz	QPSK	133197	1RB#0	23.21	18.14	34.77	PASS
Band71	15MHz	QPSK	133197	1RB#38	23.39	18.32	34.77	PASS
Band71	15MHz	QPSK	133197	1RB#74	23.41	18.34	34.77	PASS
Band71	15MHz	QPSK	133197	75RB#0	22.37	17.30	34.77	PASS
Band71	15MHz	QPSK	133297	1RB#0	23.40	18.33	34.77	PASS
Band71	15MHz	QPSK	133297	1RB#38	23.53	18.46	34.77	PASS
Band71	15MHz	QPSK	133297	1RB#74	23.35	18.28	34.77	PASS
Band71	15MHz	QPSK	133297	75RB#0	22.50	17.43	34.77	PASS
Band71	15MHz	QPSK	133397	1RB#0	23.41	18.34	34.77	PASS
Band71	15MHz	QPSK	133397	1RB#38	23.40	18.33	34.77	PASS
Band71	15MHz	QPSK	133397	1RB#74	23.24	18.17	34.77	PASS
Band71	15MHz	QPSK	133397	75RB#0	22.39	17.32	34.77	PASS
Band71	15MHz	16QAM	133197	1RB#0	22.41	17.34	34.77	PASS
Band71	15MHz	16QAM	133197	1RB#38	22.75	17.68	34.77	PASS
Band71	15MHz	16QAM	133197	1RB#74	22.69	17.62	34.77	PASS
Band71	15MHz	16QAM	133197	75RB#0	21.39	16.32	34.77	PASS
Band71	15MHz	16QAM	133297	1RB#0	22.68	17.61	34.77	PASS
Band71	15MHz	16QAM	133297	1RB#38	22.84	17.77	34.77	PASS



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Band71	15MHz	16QAM	133297	1RB#74	22.57	17.50	34.77	PASS
Band71	15MHz	16QAM	133297	75RB#0	21.53	16.46	34.77	PASS
Band71	15MHz	16QAM	133397	1RB#0	22.72	17.65	34.77	PASS
Band71	15MHz	16QAM	133397	1RB#38	22.62	17.55	34.77	PASS
Band71	15MHz	16QAM	133397	1RB#74	22.59	17.52	34.77	PASS
Band71	15MHz	16QAM	133397	75RB#0	21.46	16.39	34.77	PASS
Band71	15MHz	64QAM	133197	1RB#0	21.35	16.28	34.77	PASS
Band71	15MHz	64QAM	133197	1RB#38	21.59	16.52	34.77	PASS
Band71	15MHz	64QAM	133197	1RB#74	21.59	16.52	34.77	PASS
Band71	15MHz	64QAM	133197	75RB#0	20.43	15.36	34.77	PASS
Band71	15MHz	64QAM	133297	1RB#0	21.52	16.45	34.77	PASS
Band71	15MHz	64QAM	133297	1RB#38	21.69	16.62	34.77	PASS
Band71	15MHz	64QAM	133297	1RB#74	21.47	16.40	34.77	PASS
Band71	15MHz	64QAM	133297	75RB#0	20.56	15.49	34.77	PASS
Band71	15MHz	64QAM	133397	1RB#0	21.66	16.59	34.77	PASS
Band71	15MHz	64QAM	133397	1RB#38	21.60	16.53	34.77	PASS
Band71	15MHz	64QAM	133397	1RB#74	21.43	16.36	34.77	PASS
Band71	15MHz	64QAM	133397	75RB#0	20.47	15.40	34.77	PASS
Band71	20MHz	QPSK	133222	1RB#0	23.19	18.12	34.77	PASS
Band71	20MHz	QPSK	133222	1RB#49	23.48	18.41	34.77	PASS
Band71	20MHz	QPSK	133222	1RB#99	23.31	18.24	34.77	PASS
Band71	20MHz	QPSK	133222	100RB#0	22.32	17.25	34.77	PASS
Band71	20MHz	QPSK	133322	1RB#0	23.33	18.26	34.77	PASS
Band71	20MHz	QPSK	133322	1RB#49	23.55	18.48	34.77	PASS
Band71	20MHz	QPSK	133322	1RB#99	23.13	18.06	34.77	PASS
Band71	20MHz	QPSK	133322	100RB#0	22.48	17.41	34.77	PASS
Band71	20MHz	QPSK	133372	1RB#0	23.43	18.36	34.77	PASS
Band71	20MHz	QPSK	133372	1RB#49	23.49	18.42	34.77	PASS
Band71	20MHz	QPSK	133372	1RB#99	23.12	18.05	34.77	PASS
Band71	20MHz	QPSK	133372	100RB#0	22.41	17.34	34.77	PASS
Band71	20MHz	16QAM	133222	1RB#0	22.49	17.42	34.77	PASS
Band71	20MHz	16QAM	133222	1RB#49	22.83	17.76	34.77	PASS
Band71	20MHz	16QAM	133222	1RB#99	22.63	17.56	34.77	PASS



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Band71	20MHz	16QAM	133322	1RB#0	22.59	17.52	34.77	PASS
Band71	20MHz	16QAM	133322	1RB#49	22.80	17.73	34.77	PASS
Band71	20MHz	16QAM	133322	1RB#99	22.39	17.32	34.77	PASS
Band71	20MHz	16QAM	133322	100RB#0	21.49	16.42	34.77	PASS
Band71	20MHz	16QAM	133372	1RB#0	22.72	17.65	34.77	PASS
Band71	20MHz	16QAM	133372	1RB#49	22.85	17.78	34.77	PASS
Band71	20MHz	16QAM	133372	1RB#99	22.50	17.43	34.77	PASS
Band71	20MHz	16QAM	133372	100RB#0	21.44	16.37	34.77	PASS
Band71	20MHz	64QAM	133222	1RB#0	21.33	16.26	34.77	PASS
Band71	20MHz	64QAM	133222	1RB#49	21.66	16.59	34.77	PASS
Band71	20MHz	64QAM	133222	1RB#99	21.48	16.41	34.77	PASS
Band71	20MHz	64QAM	133222	100RB#0	20.37	15.30	34.77	PASS
Band71	20MHz	64QAM	133322	1RB#0	21.56	16.49	34.77	PASS
Band71	20MHz	64QAM	133322	1RB#49	21.74	16.67	34.77	PASS
Band71	20MHz	64QAM	133322	1RB#99	21.45	16.38	34.77	PASS
Band71	20MHz	64QAM	133322	100RB#0	20.53	15.46	34.77	PASS
Band71	20MHz	64QAM	133372	1RB#0	21.61	16.54	34.77	PASS
Band71	20MHz	64QAM	133372	1RB#49	21.70	16.63	34.77	PASS
Band71	20MHz	64QAM	133372	1RB#99	21.29	16.22	34.77	PASS
Band71	20MHz	64QAM	133372	100RB#0	20.48	15.41	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
Band71	20MHz	QPSK	133222	100RB#0	5.92	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.96	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	5.86	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	6.64	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	6.66	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	6.60	13	PASS
Band71	20MHz	64QAM	133222	100RB#0	6.82	13	PASS
Band71	20MHz	64QAM	133322	100RB#0	6.90	13	PASS
Band71	20MHz	64QAM	133372	100RB#0	6.84	13	PASS



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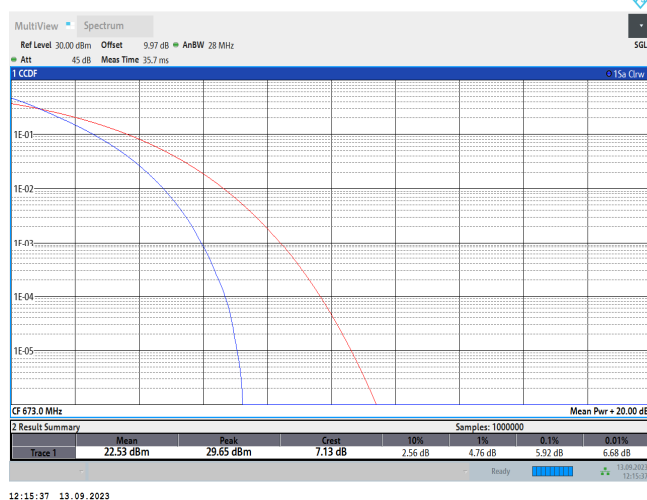
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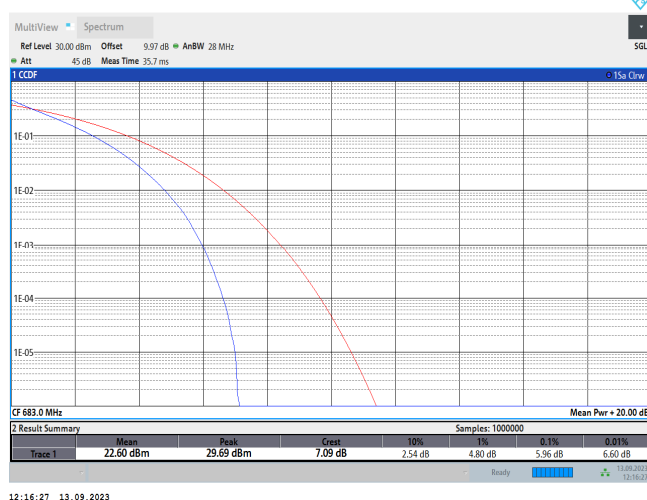
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Test Graphs

Band71-20MHz-QPSK-133222-100RB#0



Band71-20MHz-QPSK-133322-100RB#0



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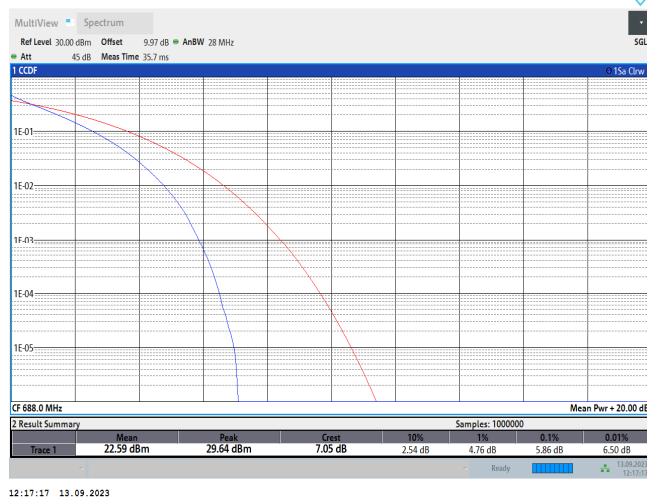
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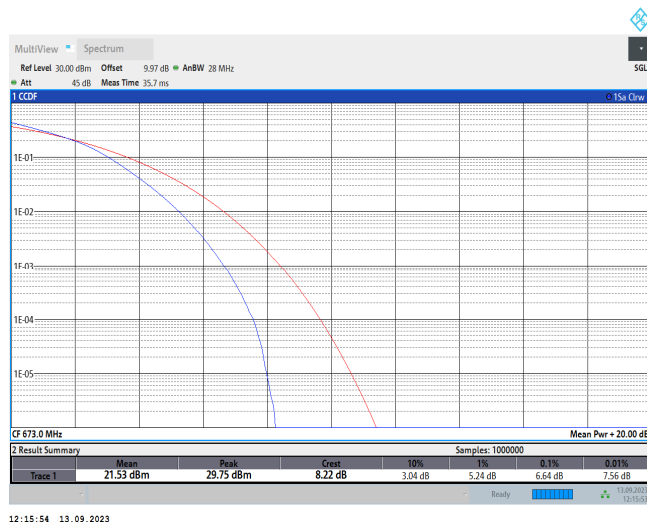
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Band71-20MHz-QPSK-133372-100RB#0



Band71-20MHz-16QAM-133222-100RB#0



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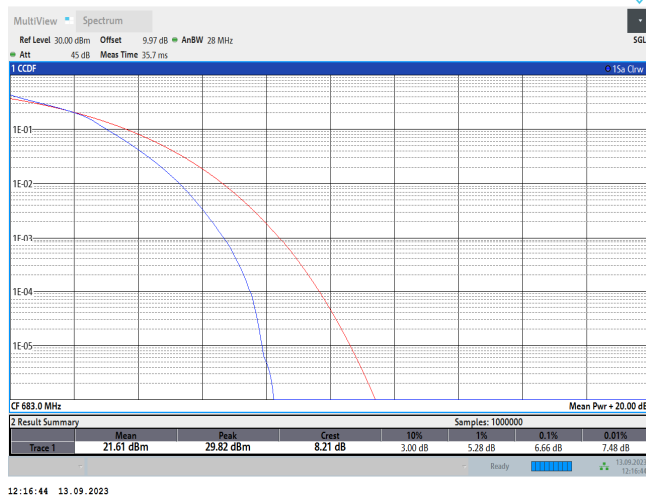
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Band71-20MHz-16QAM-133322-100RB#0



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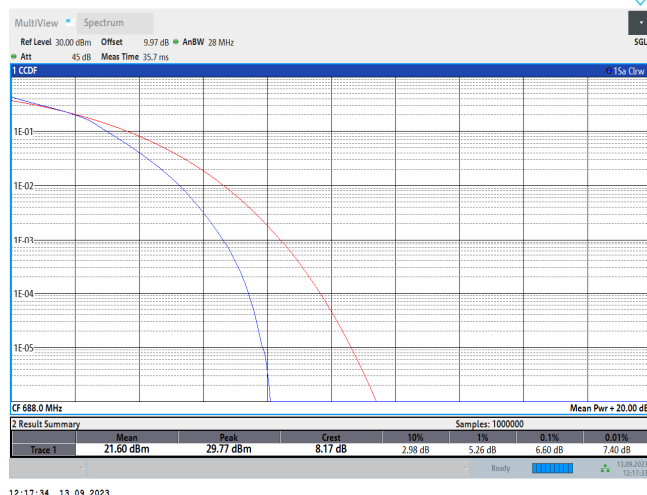
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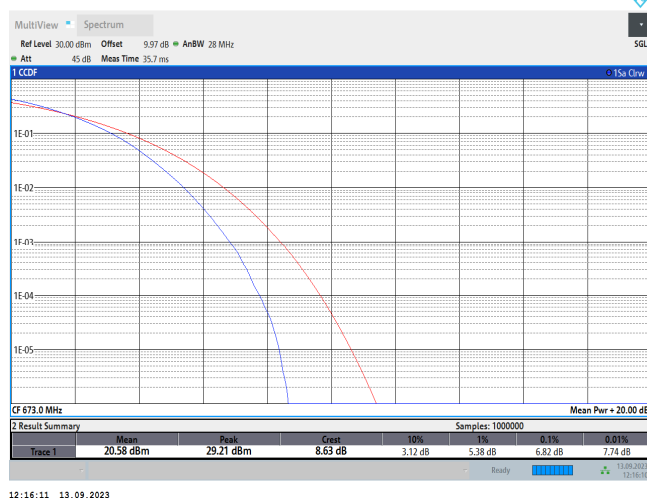
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Band71-20MHz-16QAM-133372-100RB#0



Band71-20MHz-64QAM-133222-100RB#0



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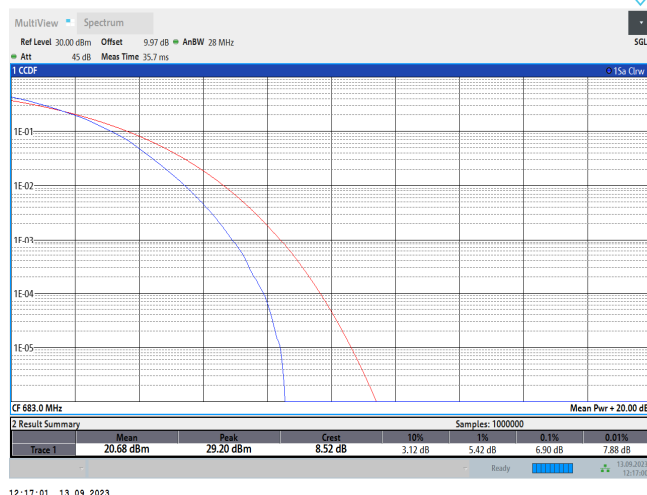
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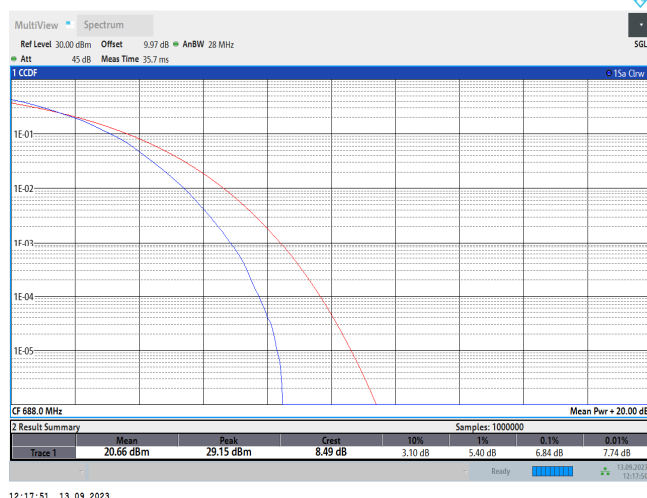
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Band71-20MHz-64QAM-133322-100RB#0



Band71-20MHz-64QAM-133372-100RB#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
Band71	5MHz	QPSK	133147	25RB#0	4.472	5.04	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.475	5.02	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.474	5.01	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.469	5.02	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.473	5.07	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.472	5.25	PASS
Band71	5MHz	64QAM	133147	25RB#0	4.487	5.07	PASS
Band71	5MHz	64QAM	133297	25RB#0	4.489	5.07	PASS
Band71	5MHz	64QAM	133447	25RB#0	4.487	5.08	PASS
Band71	10MHz	QPSK	133172	50RB#0	8.935	9.80	PASS
Band71	10MHz	QPSK	133297	50RB#0	8.946	9.84	PASS
Band71	10MHz	QPSK	133422	50RB#0	8.936	9.84	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.933	9.82	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.931	9.74	PASS
Band71	10MHz	16QAM	133422	50RB#0	8.935	9.78	PASS
Band71	10MHz	64QAM	133172	50RB#0	8.943	9.86	PASS
Band71	10MHz	64QAM	133297	50RB#0	8.942	9.86	PASS
Band71	10MHz	64QAM	133422	50RB#0	8.944	9.88	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.494	15.12	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.502	15.12	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.49	15.06	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.484	15.15	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.486	15.06	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.481	15.27	PASS
Band71	15MHz	64QAM	133197	75RB#0	13.455	15.18	PASS
Band71	15MHz	64QAM	133297	75RB#0	13.466	15.18	PASS
Band71	15MHz	64QAM	133397	75RB#0	13.465	15.12	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.892	19.84	PASS



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Band71	20MHz	QPSK	133322	100RB#0	17.965	19.72	PASS
Band71	20MHz	QPSK	133372	100RB#0	17.943	19.76	PASS
Band71	20MHz	16QAM	133222	100RB#0	17.882	19.56	PASS
Band71	20MHz	16QAM	133322	100RB#0	17.894	19.60	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.911	19.64	PASS
Band71	20MHz	64QAM	133222	100RB#0	17.883	19.72	PASS
Band71	20MHz	64QAM	133322	100RB#0	17.919	19.64	PASS
Band71	20MHz	64QAM	133372	100RB#0	17.907	19.72	PASS



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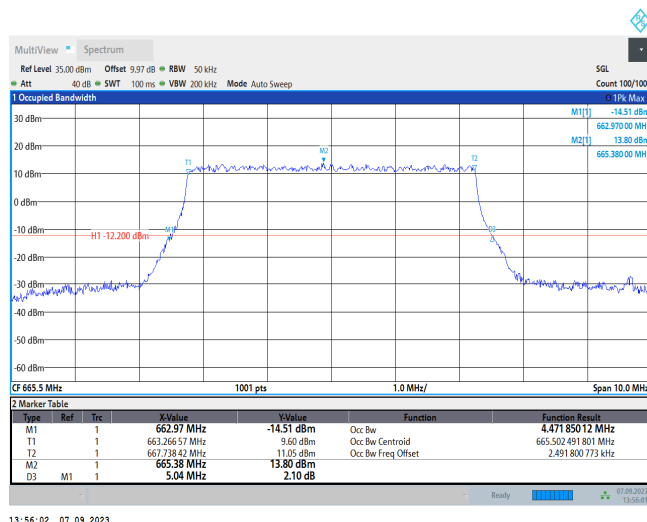
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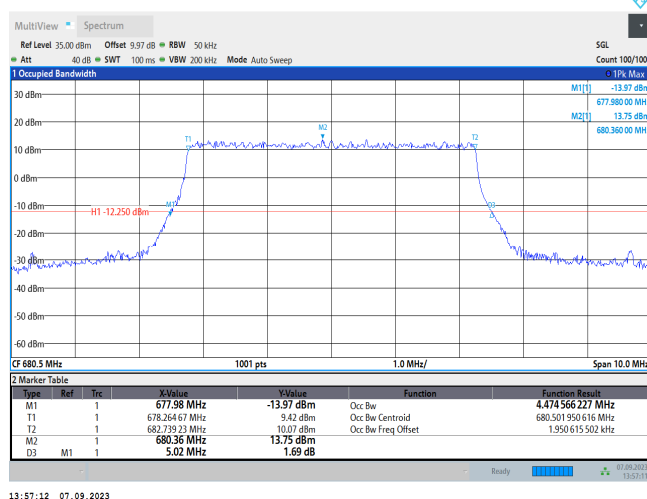
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Test Graphs

Band71-5MHz-QPSK-133147-25RB#0



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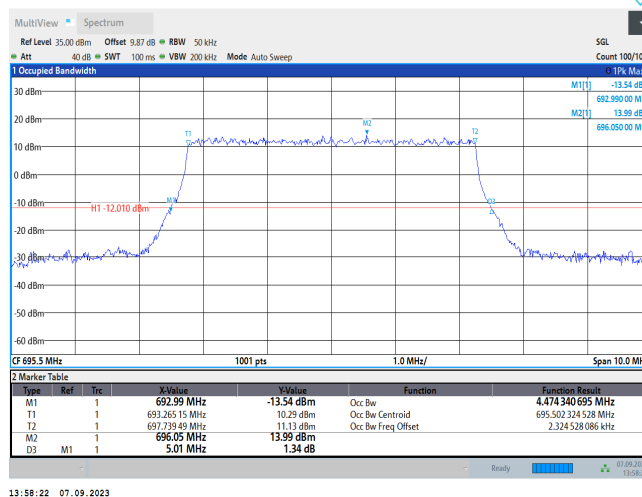
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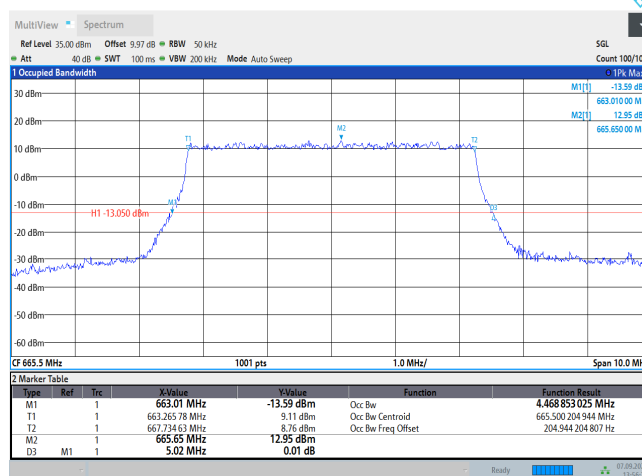
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Band71-5MHz-QPSK-133447-25RB#0



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Band71-5MHz-16QAM-133147-25RB#0



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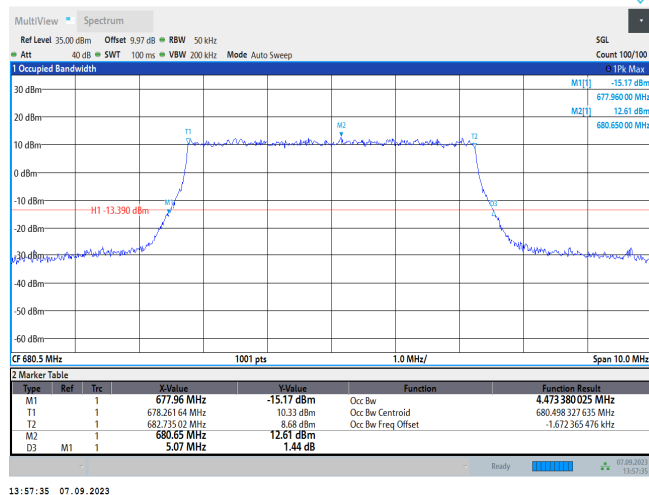


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Band71-5MHz-16QAM-133297-25RB#0



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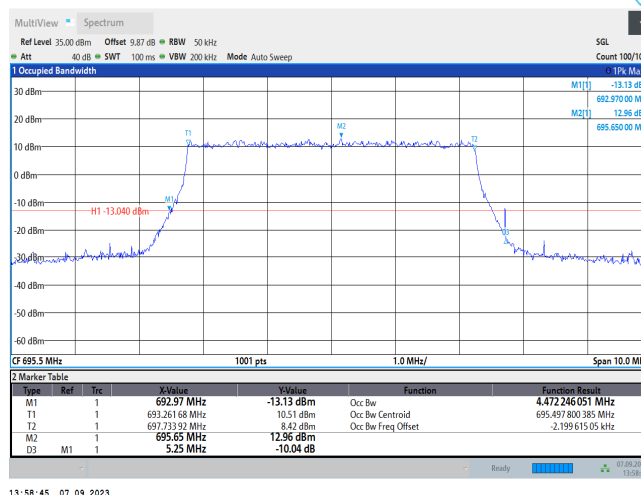
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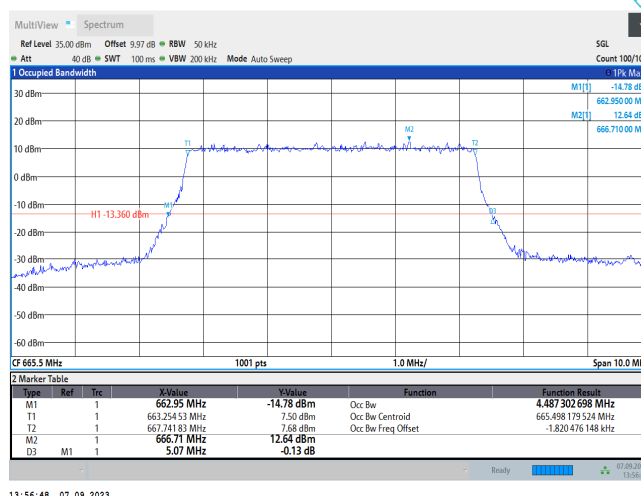
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Band71-5MHz-64QAM-133147-25RB#0



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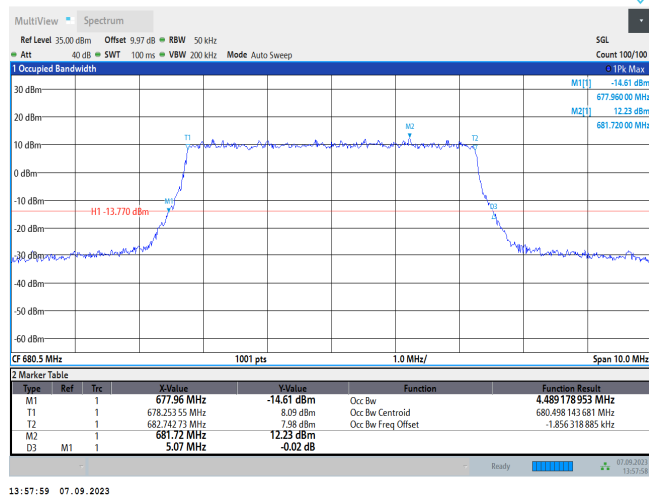


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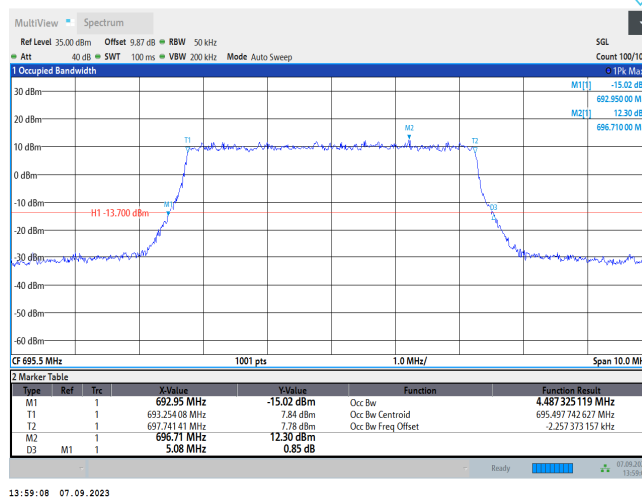
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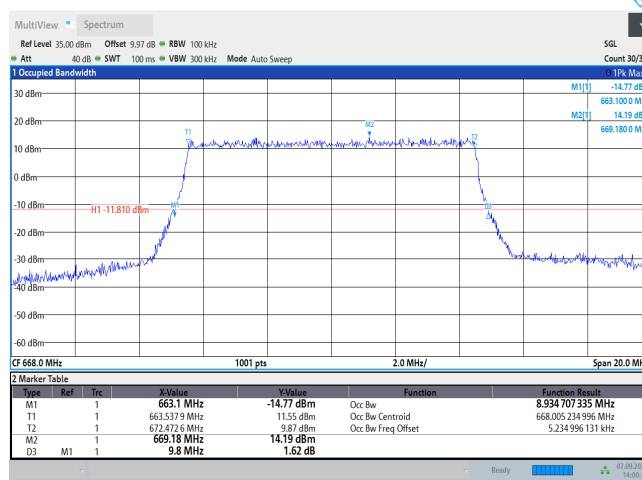
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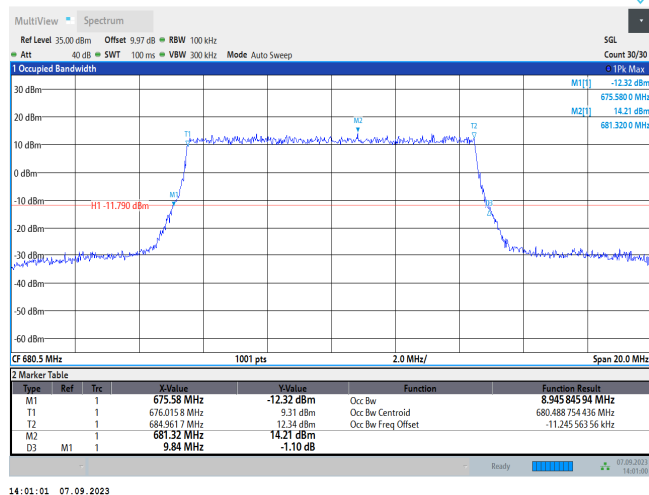


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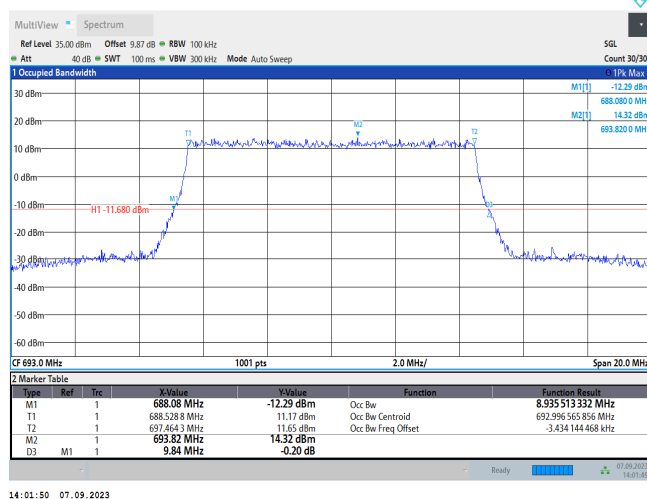
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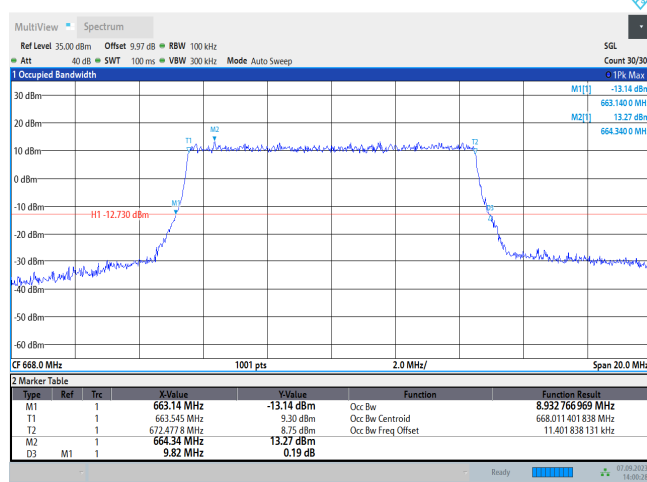
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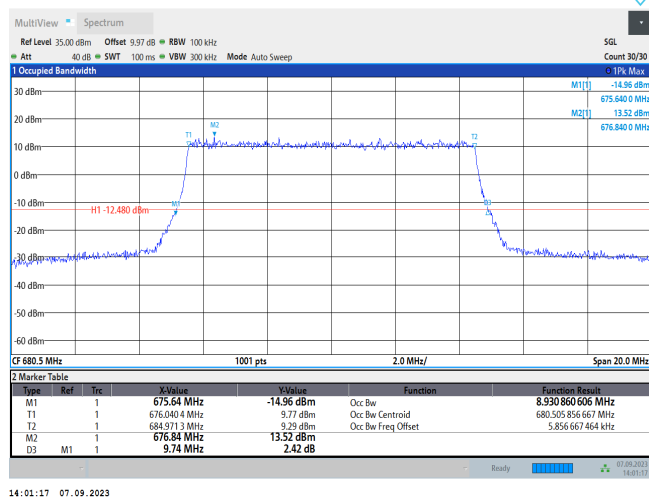
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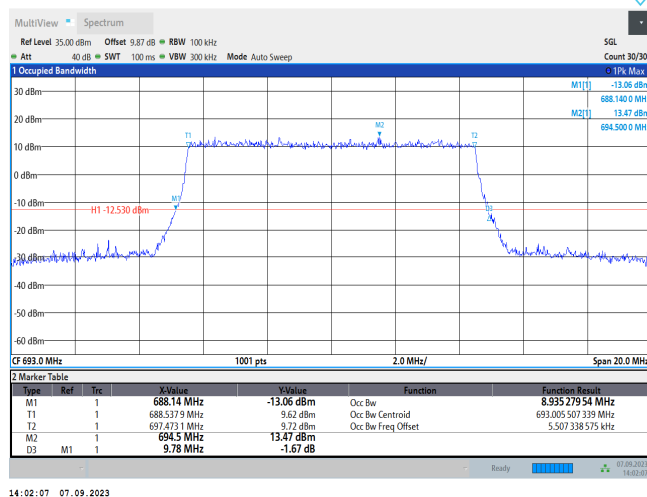
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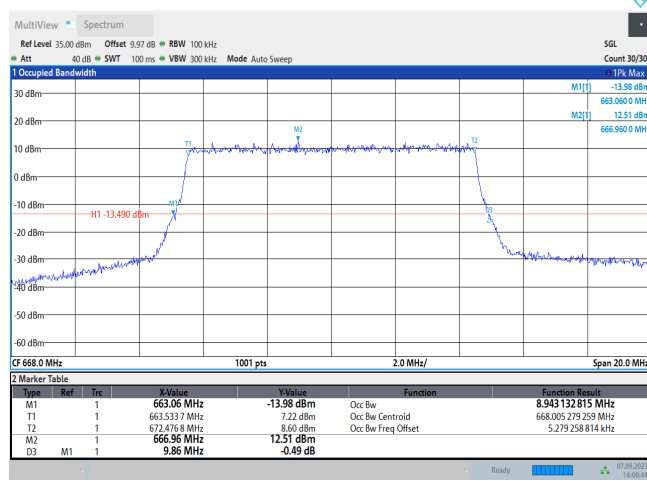
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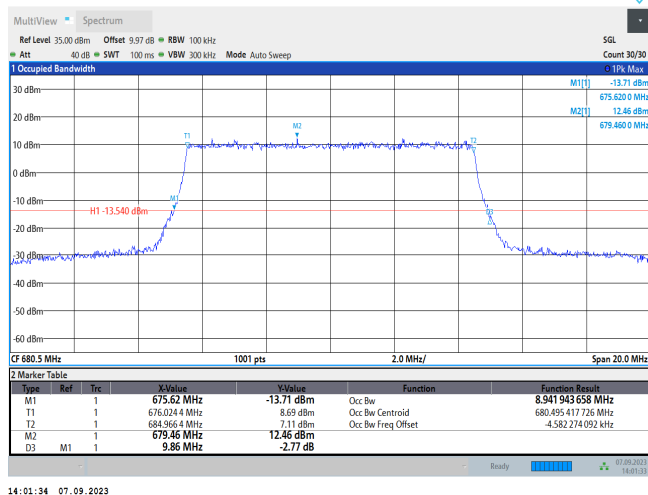


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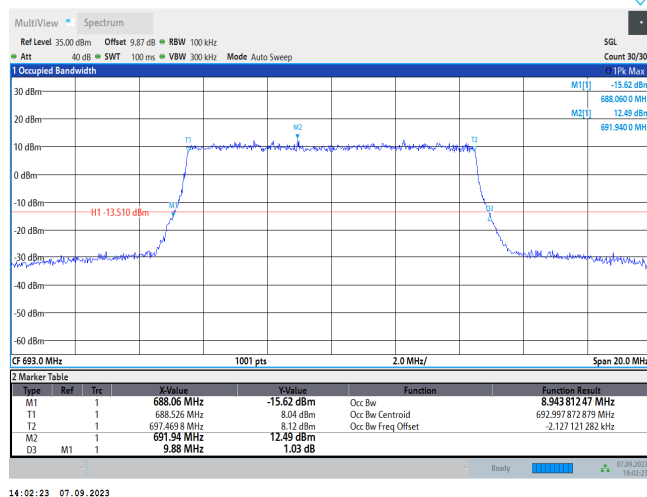
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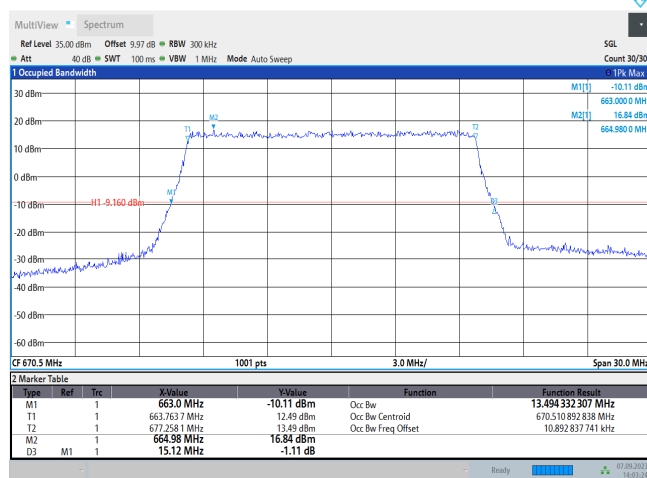
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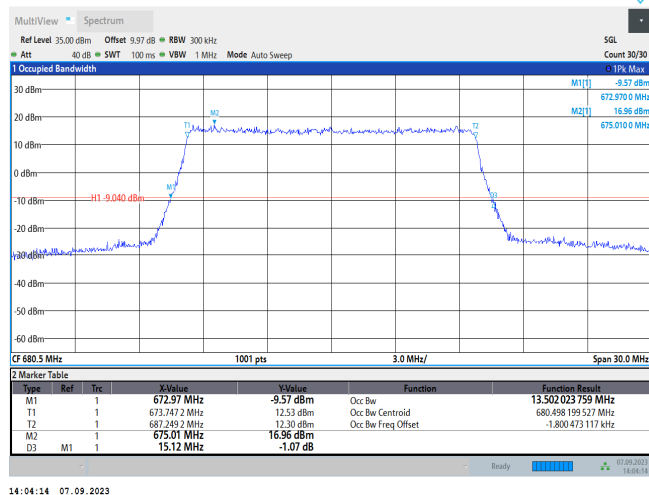
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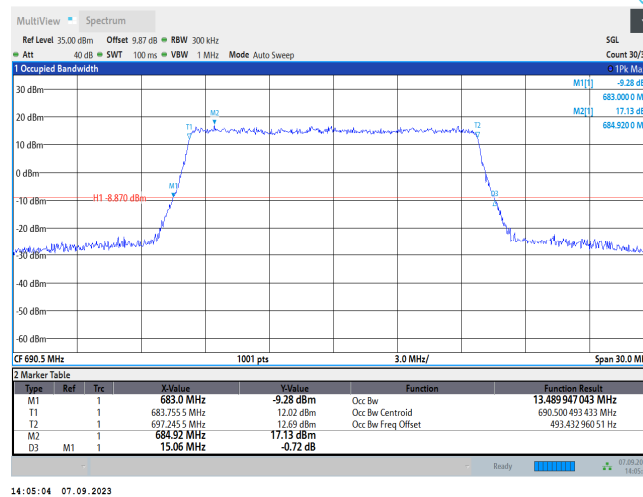
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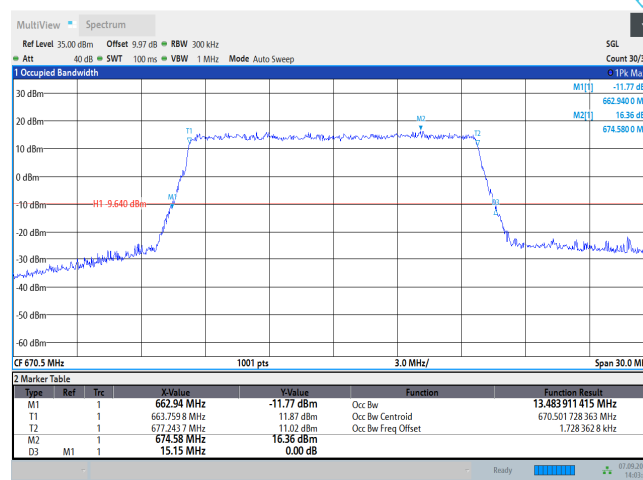
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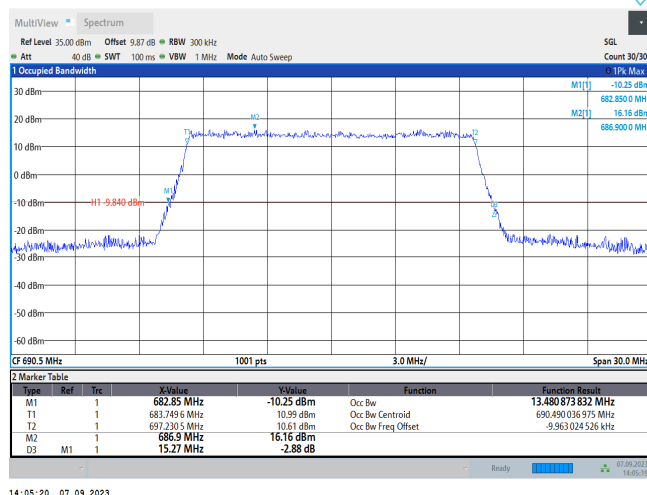
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Report No.: XEWM2309000447RG01

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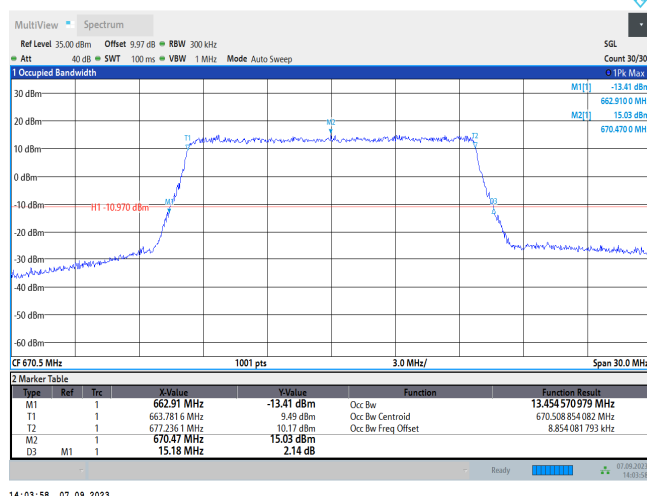
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Band71-15MHz-16QAM-133397-75RB#0



14:05:20 07.09.2023

Band71-15MHz-64QAM-133197-75RB#0



14:03:58 07.09.2023

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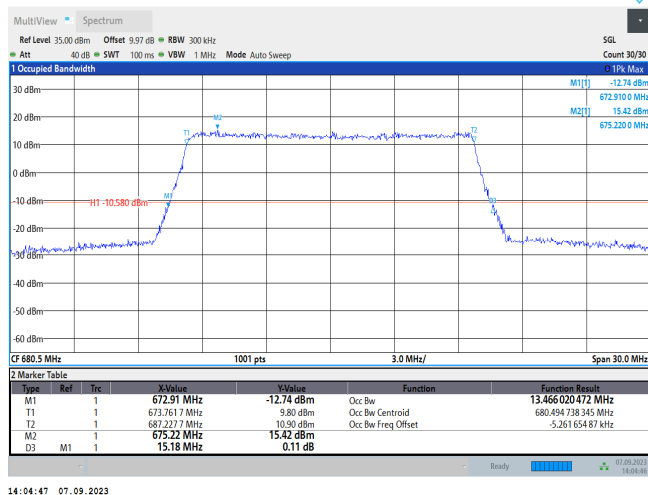


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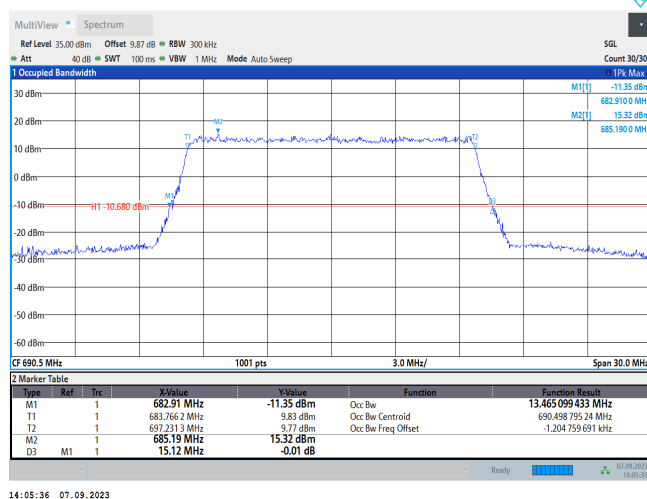
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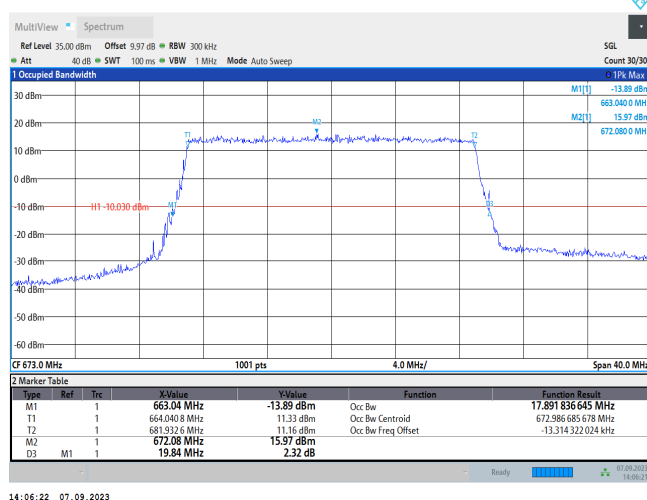
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Band71-20MHz-QPSK-133222-100RB#0



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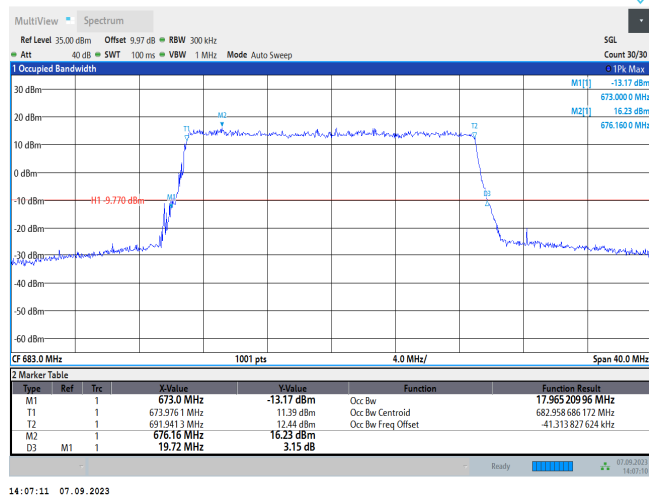


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Band71-20MHz-QPSK-133322-100RB#0



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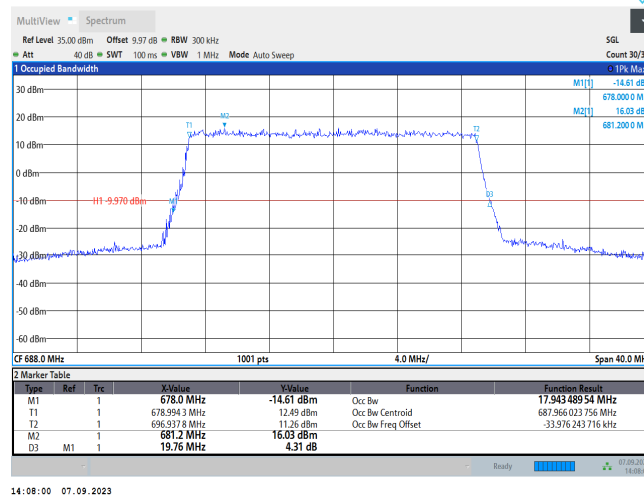
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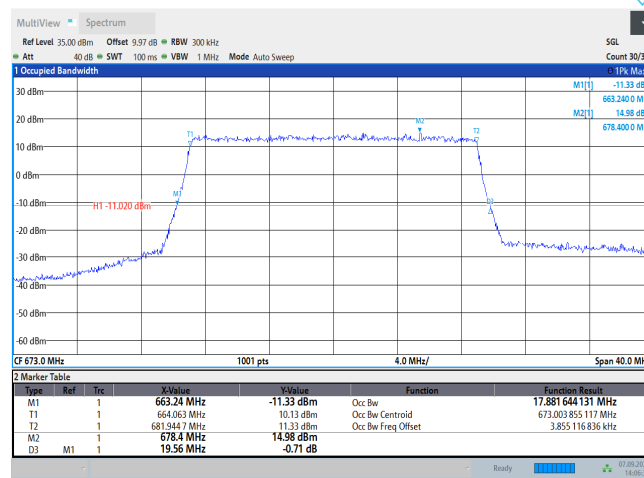
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Band71-20MHz-QPSK-133372-100RB#0



14:08:00 07.09.2023

Band71-20MHz-16QAM-133222-100RB#0



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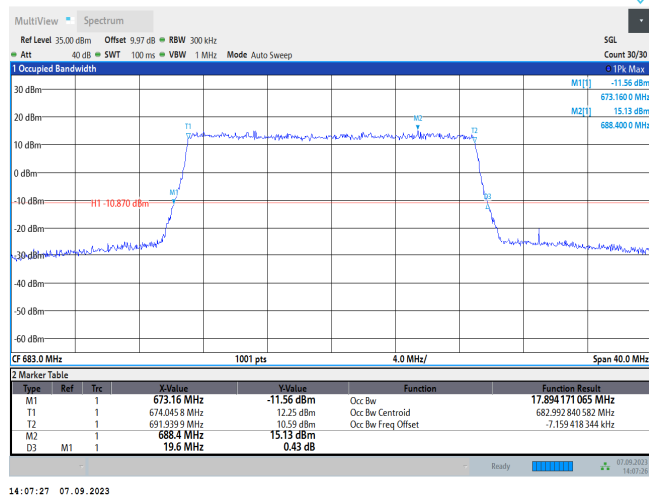


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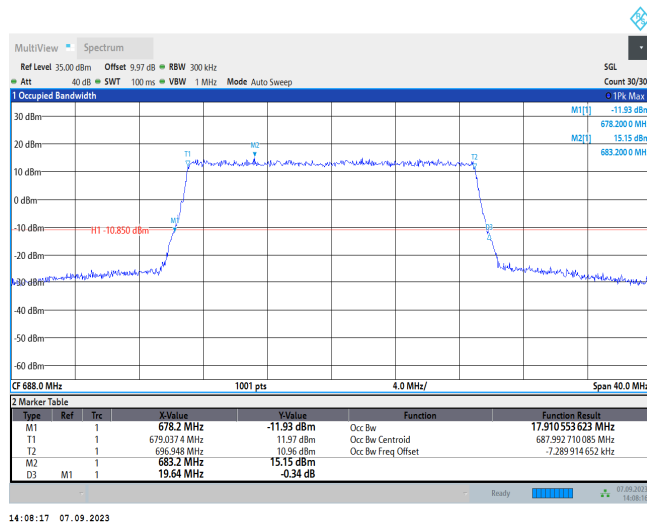
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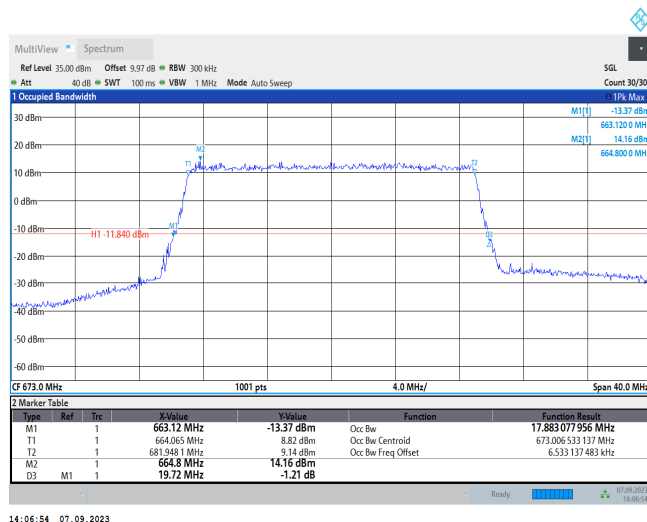
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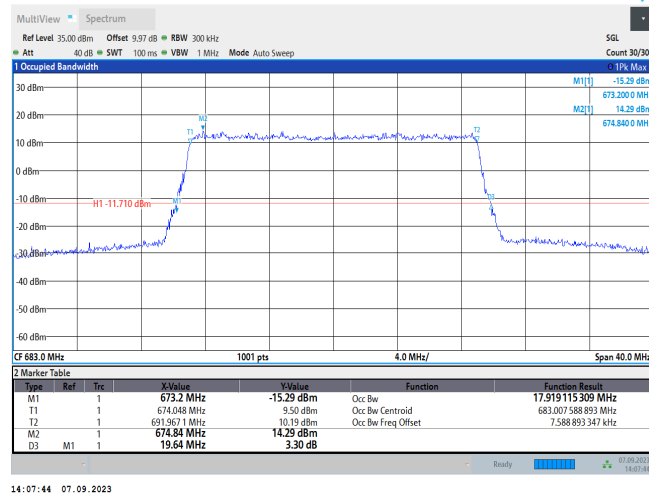
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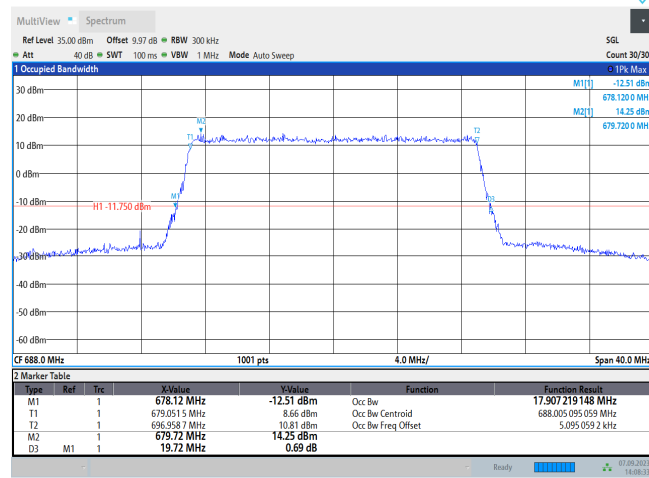
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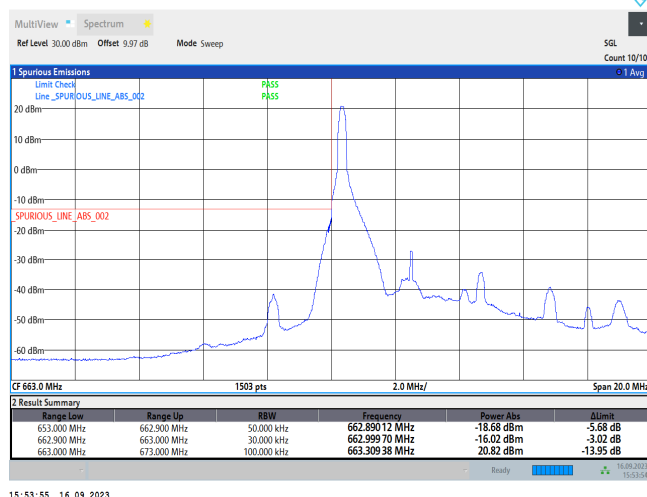
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Band Edge

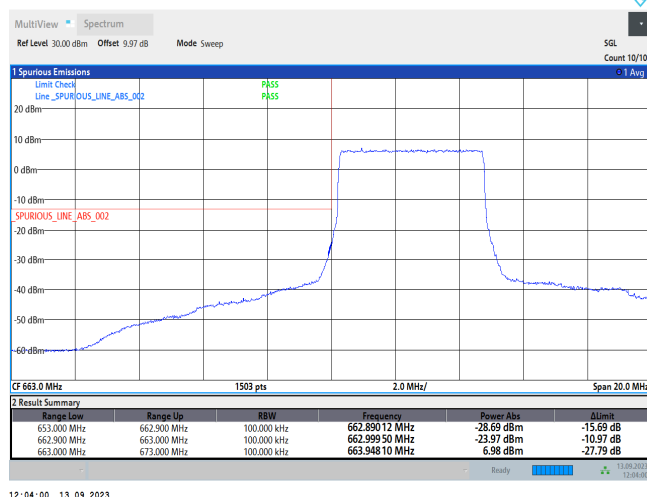
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Band71-5MHz-QPSK-133147-1RB#0



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Band71-5MHz-QPSK-133147-25RB#0



12:04:00 13.09.2023



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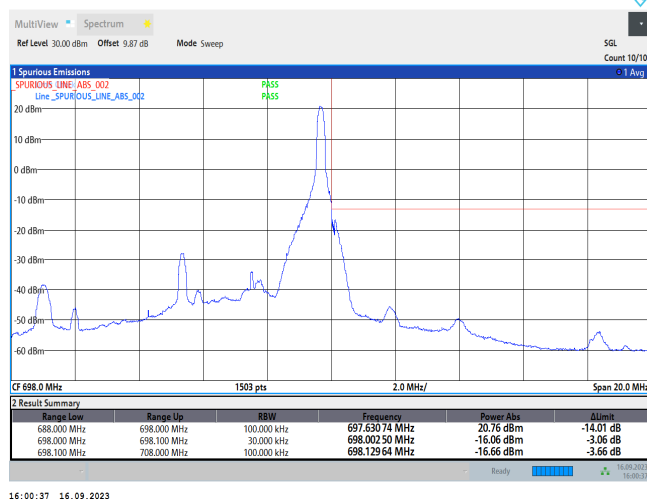
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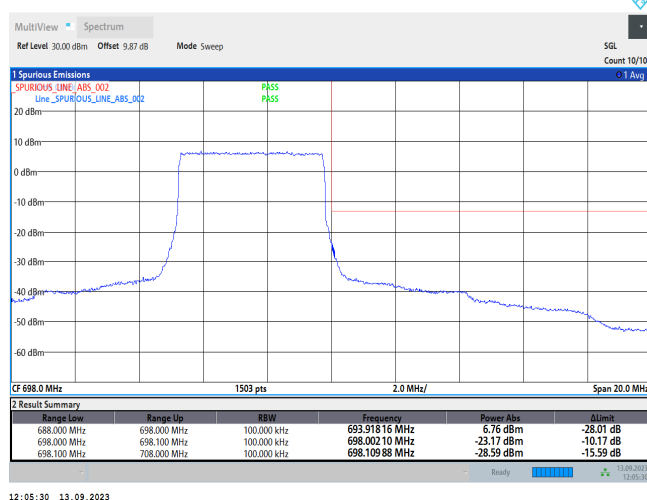
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16:00:37 16.09.2023

Band71-5MHz-QPSK-133447-25RB#0



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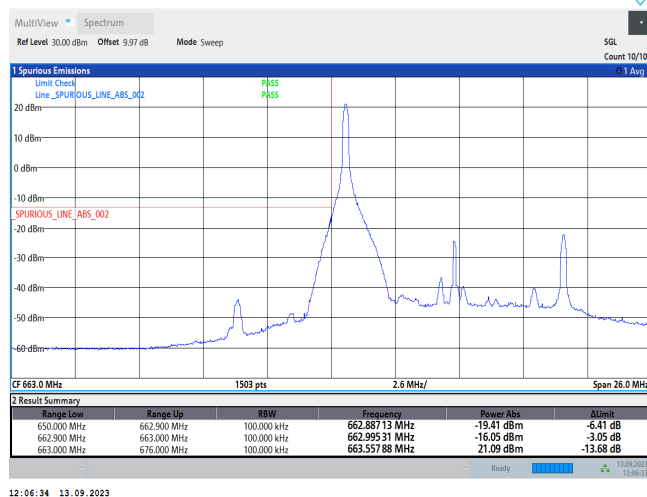
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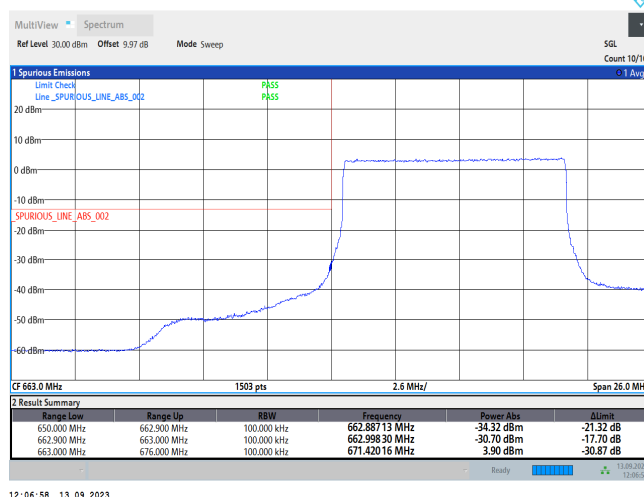


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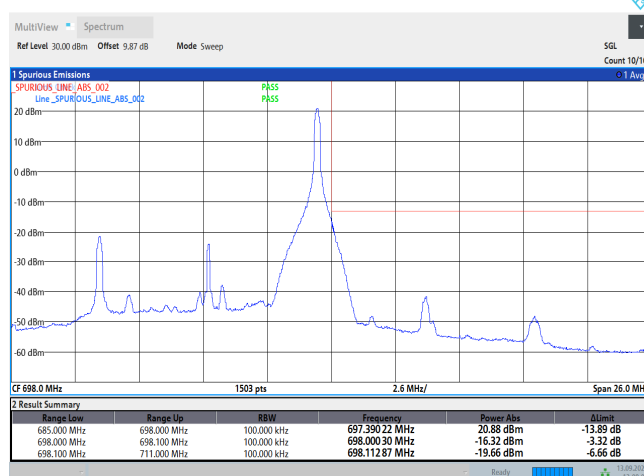
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12:06:58 13.09.2023

Band71-10MHz-QPSK-133422-1RB#49



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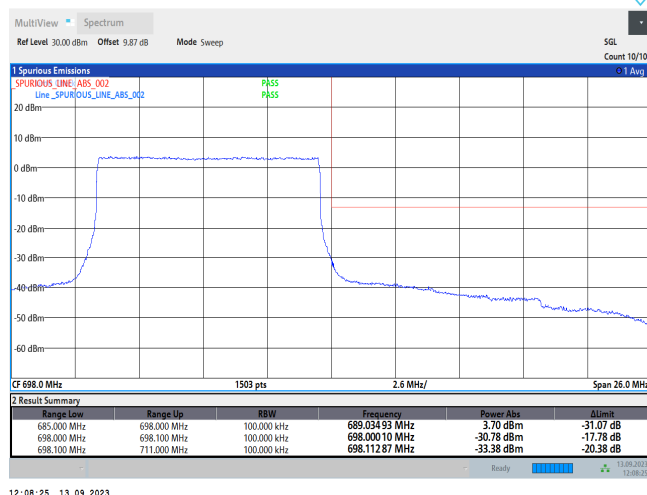
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Band71-10MHz-QPSK-133422-50RB#0



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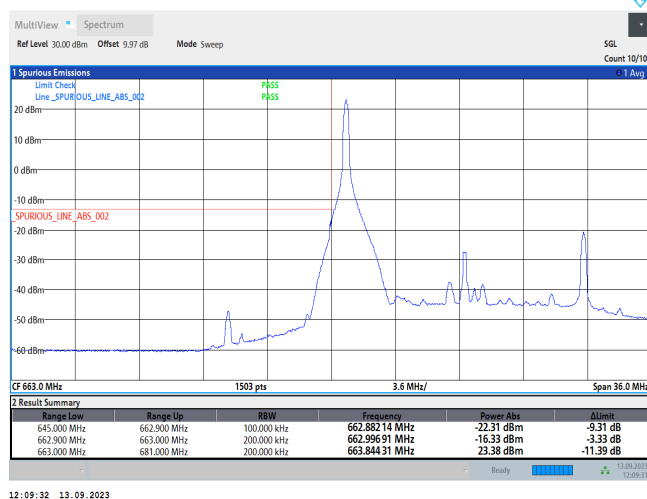
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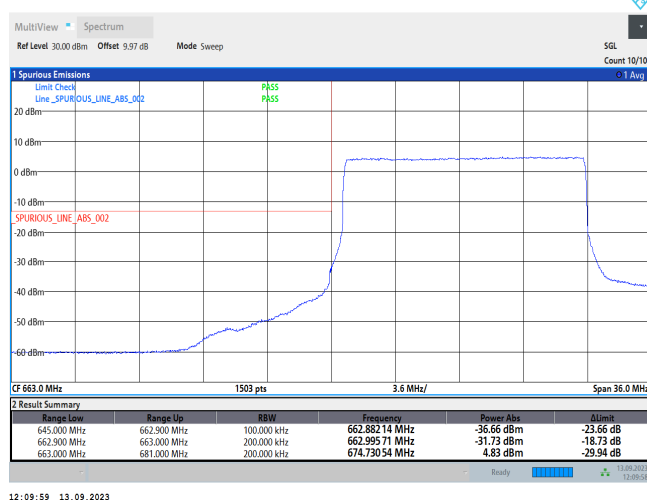
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Band71-15MHz-QPSK-133197-1RB#0



Band71-15MHz-QPSK-133197-75RB#0



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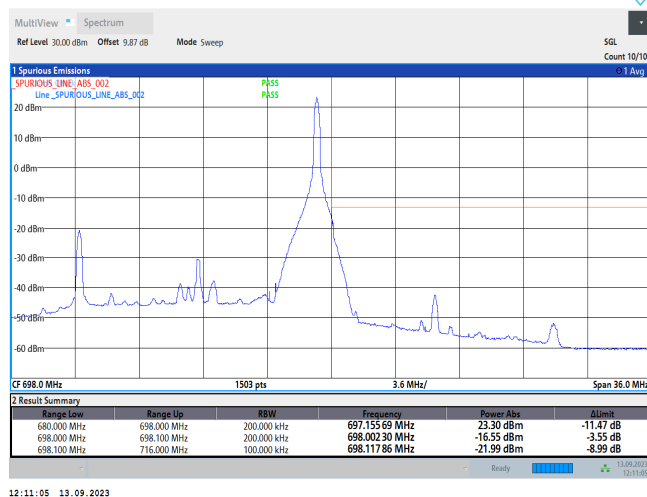
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Band71-15MHz-QPSK-133397-1RB#74

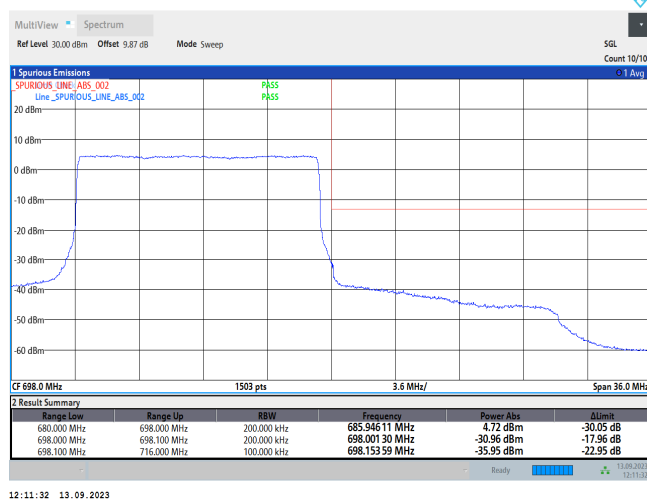


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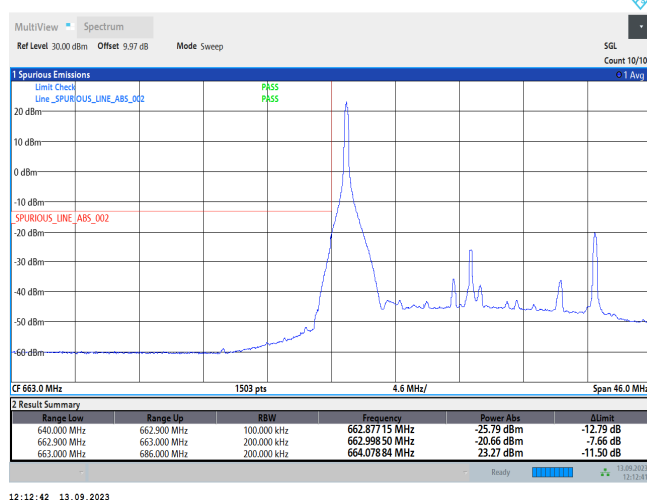
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Band71-20MHz-QPSK-133222-1RB#0

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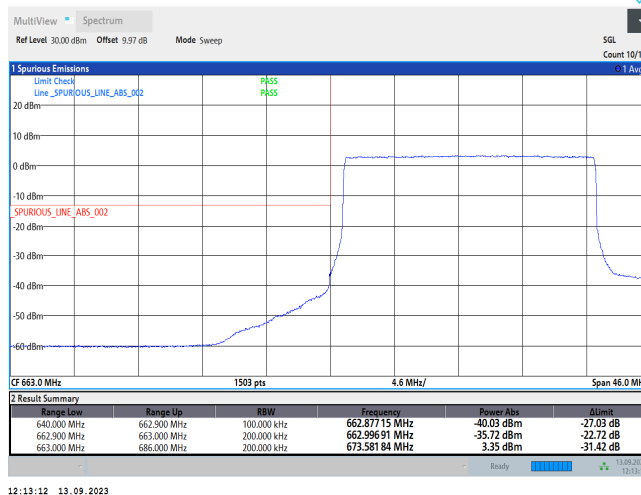
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Band71-20MHz-QPSK-133222-100RB#0



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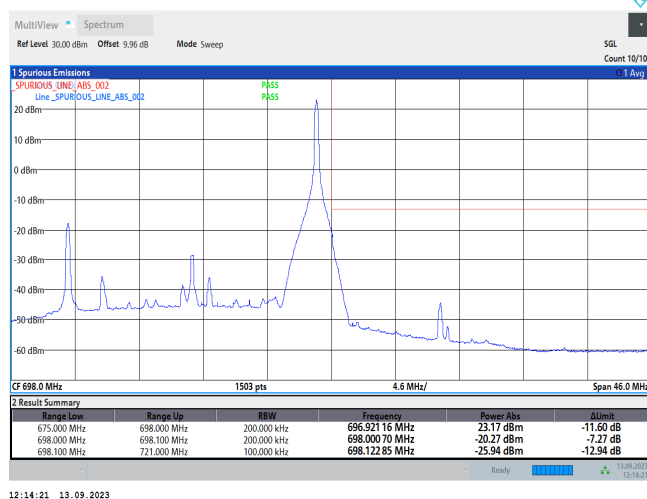
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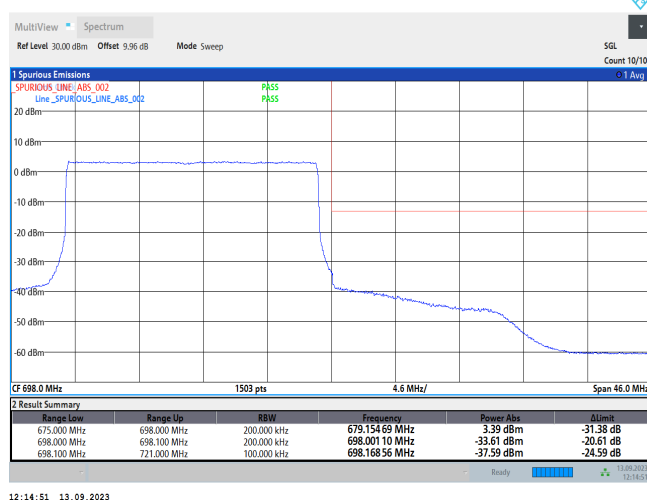
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Band71-20MHz-QPSK-133372-1RB#99



Band71-20MHz-QPSK-133372-100RB#0



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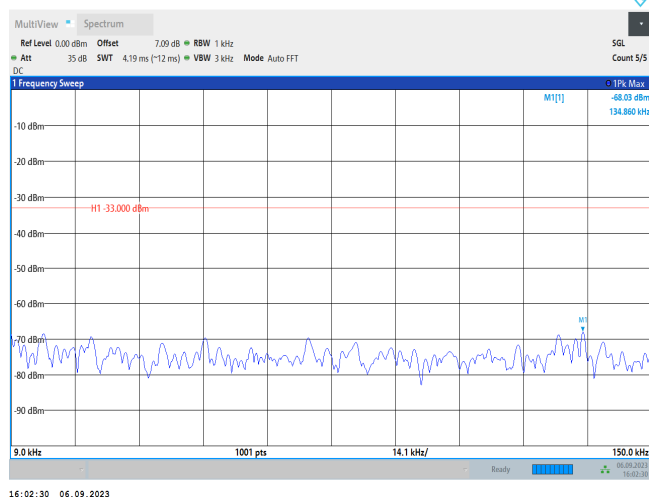


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Conducted Spurious Emission

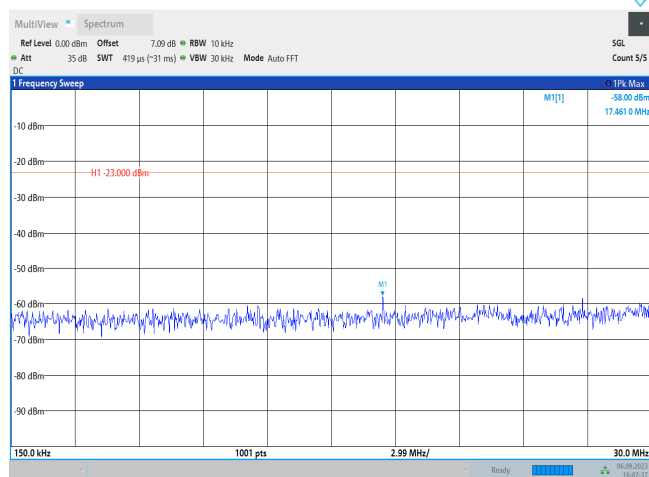
Test Graphs

Band71-20MHz-QPSK-133222-1RB#0-Range1:0.009~0.15MHz



16:02:30 06.09.2023

Band71-20MHz-QPSK-133222-1RB#0-Range2:0.15~30MHz



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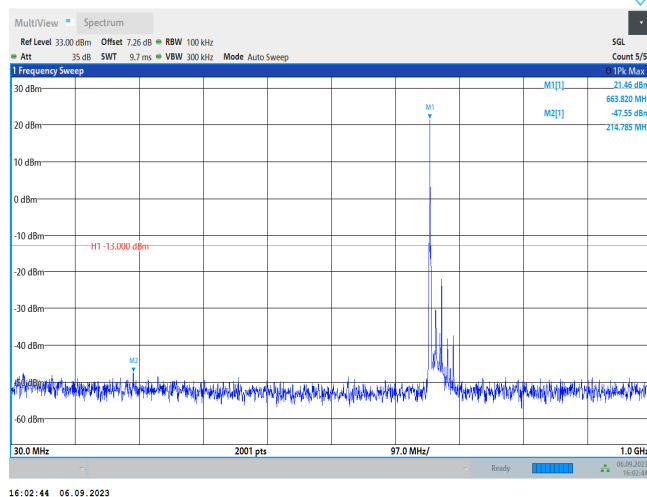
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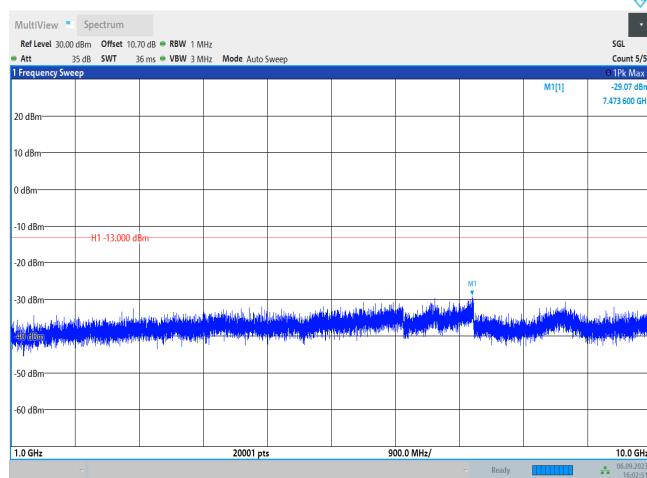
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Band71-20MHz-QPSK-133222-1RB#0-Range3:30~1000MHz



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Band71-20MHz-QPSK-133222-1RB#0-Range4:1000~10000MHz



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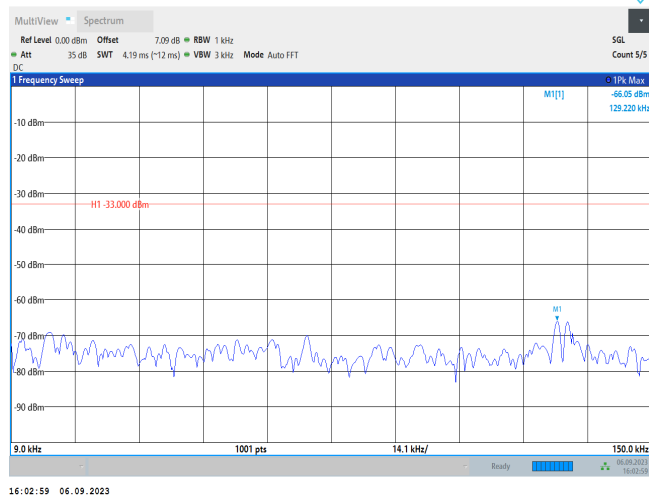
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Band71-20MHz-QPSK-133322-1RB#0-Range1:0.009~0.15MHz



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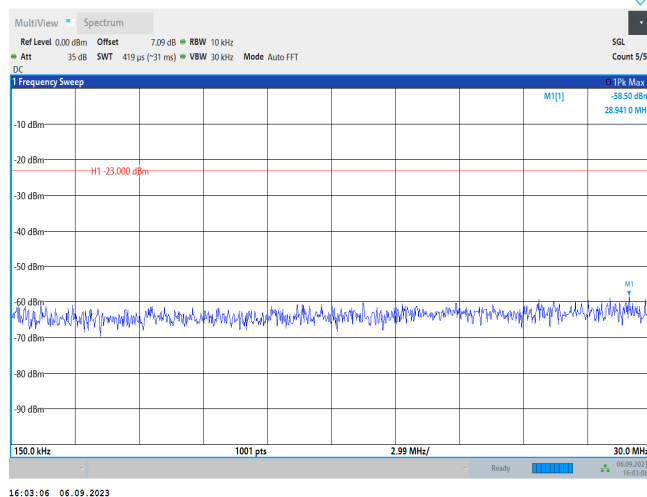


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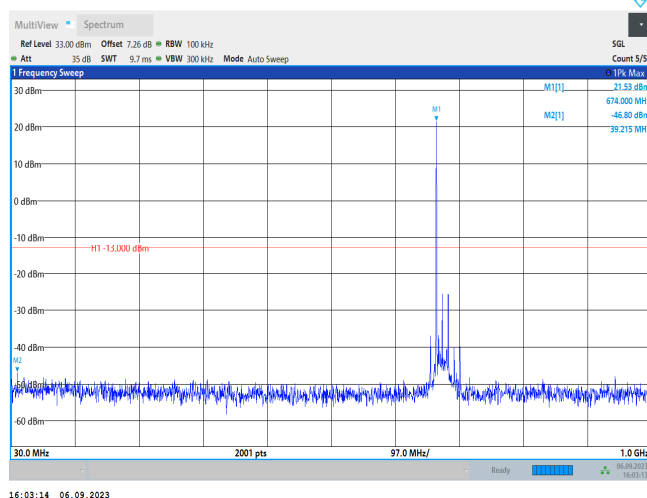
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Band71-20MHz-QPSK-133322-1RB#0-Range2:0.15~30MHz



Band71-20MHz-QPSK-133322-1RB#0-Range3:30~1000MHz



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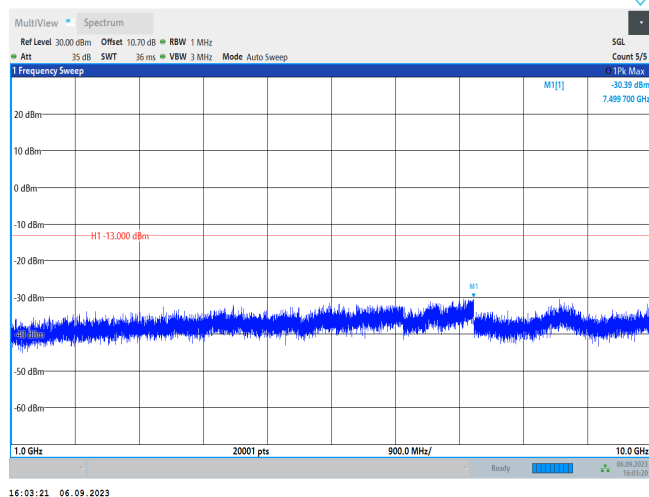


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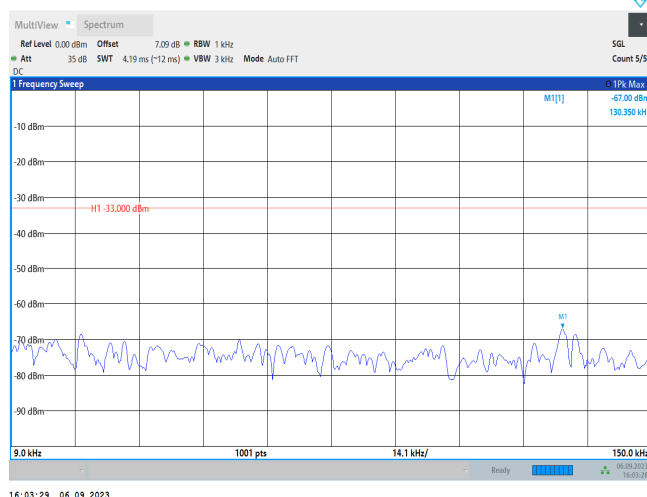
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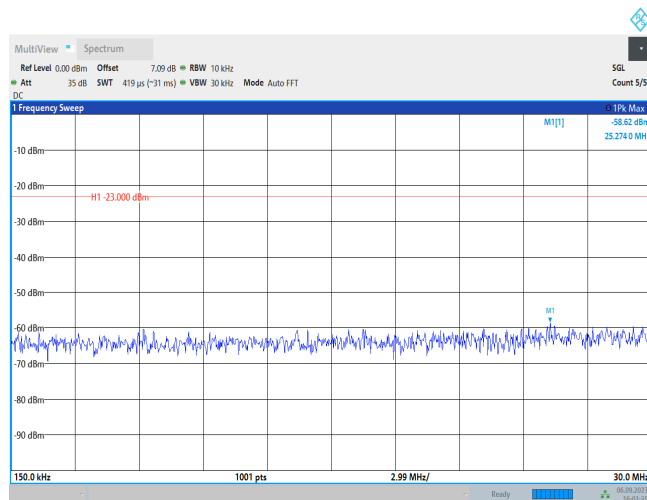
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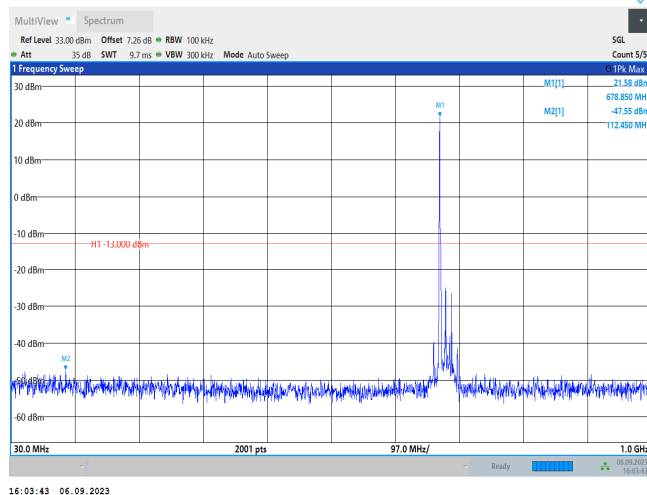


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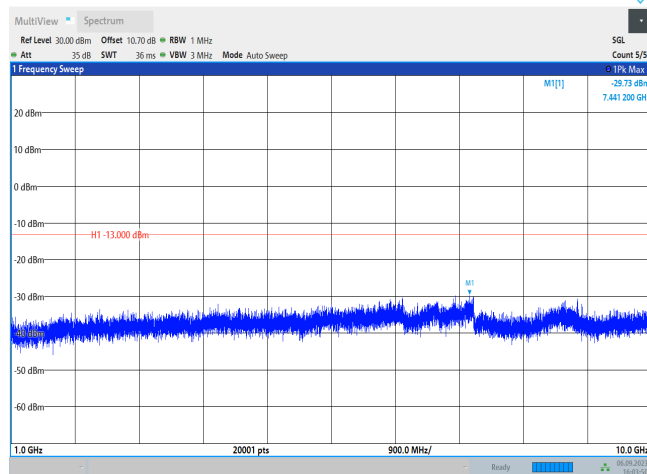
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Band71-20MHz-QPSK-133372-1RB#0-Range3:30~1000MHz



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Band71-20MHz-QPSK-133372-1RB#0-Range4:1000~10000MHz



16:03:50 06.09.2023



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Field Strength of Spurious Radiation

Test Band = LTE_71_20MHz

Test Channel = LCH

Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1328	64.76	-47.74	24.88	-53.36	-13.00	40.36	Horizontal
2	1992.5	64.50	-46.94	26.35	-51.35	-13.00	38.35	Horizontal
3	3109.5	47.04	-45.84	28.86	-65.20	-13.00	52.20	Horizontal
4	4406	45.84	-43.26	30.10	-62.58	-13.00	49.58	Horizontal
5	7464.5	42.71	-38.37	36.83	-54.09	-13.00	41.09	Horizontal
6	9966.5	40.96	-35.55	38.67	-51.18	-13.00	38.18	Horizontal

Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1328	62.88	-47.74	24.88	-55.24	-13.00	42.24	Vertical
2	1992.5	58.69	-46.94	26.35	-57.16	-13.00	44.16	Vertical
3	3320.5	49.92	-45.69	28.54	-62.49	-13.00	49.49	Vertical
4	4821	45.29	-42.90	30.72	-62.15	-13.00	49.15	Vertical
5	7398	42.85	-38.36	36.69	-54.08	-13.00	41.08	Vertical
6	9926.5	40.94	-35.39	38.63	-51.08	-13.00	38.08	Vertical

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Test Band = LTE_71_20MHz
Test Channel = MCH

Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1348	47.88	-47.64	25.08	-69.94	-13.00	56.94	Horizontal
2	2022	64.34	-46.92	26.41	-51.43	-13.00	38.43	Horizontal
3	3075	46.71	-45.84	28.85	-65.54	-13.00	52.54	Horizontal
4	4399.5	46.14	-43.27	30.10	-62.29	-13.00	49.29	Horizontal
5	7432.5	42.95	-38.36	36.77	-53.90	-13.00	40.90	Horizontal
6	9916	40.67	-35.35	38.62	-51.32	-13.00	38.32	Horizontal

Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1348	48.50	-47.64	25.08	-69.32	-13.00	56.32	Vertical
2	2022.5	63.36	-46.92	26.41	-52.41	-13.00	39.41	Vertical
3	2896	46.86	-45.98	28.12	-66.26	-13.00	53.26	Vertical
4	3939	46.18	-44.23	29.86	-63.45	-13.00	50.45	Vertical
5	6498.5	43.32	-40.47	34.29	-58.12	-13.00	45.12	Vertical
6	9917.5	40.85	-35.36	38.62	-51.15	-13.00	38.15	Vertical



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Test Band = LTE_71_20MHz
Test Channel = HCH

Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1358	52.80	-47.60	25.07	-64.99	-13.00	51.99	Horizontal
2	2037	61.48	-46.91	26.35	-54.34	-13.00	41.34	Horizontal
3	2947	46.79	-45.83	28.29	-66.01	-13.00	53.01	Horizontal
4	4296.5	45.95	-42.92	29.52	-62.71	-13.00	49.71	Horizontal
5	7418.5	42.95	-38.36	36.74	-53.93	-13.00	40.93	Horizontal
6	9561.5	41.29	-35.84	37.80	-52.01	-13.00	39.01	Horizontal

Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1358	54.02	-47.60	25.07	-63.77	-13.00	50.77	Vertical
2	2037.5	60.34	-46.91	26.35	-55.48	-13.00	42.48	Vertical
3	2992	47.02	-45.69	28.55	-65.38	-13.00	52.38	Vertical
4	4319.5	46.32	-42.96	29.66	-62.24	-13.00	49.24	Vertical
5	7409.5	42.76	-38.35	36.72	-54.13	-13.00	41.13	Vertical
6	9513	41.37	-35.80	37.80	-51.89	-13.00	38.89	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

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band71	20MHz	QPSK	133322	100RB#0	VL	NT	-4.71	-0.006896	PASS
Band71	20MHz	QPSK	133322	100RB#0	VN	NT	-9.27	-0.013572	PASS
Band71	20MHz	QPSK	133322	100RB#0	VH	NT	-6.79	-0.009941	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band71	20MHz	QPSK	133322	100RB#0	NV	-30	-9.76	-0.014290	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-20	-12.07	-0.017672	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-10	-5.61	-0.008214	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	0	-10.11	-0.014802	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	10	-5.25	-0.007687	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	20	-13.75	-0.020132	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	30	-11.40	-0.016691	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	40	-8.15	-0.011933	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	50	-5.24	-0.007672	PASS

---End of Attachment---



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