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Appendix B.9

LTE Band 71



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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	24.14	23.38	34.77	PASS
Band71	5MHz	QPSK	133147	1RB#12	24.16	23.40	34.77	PASS
Band71	5MHz	QPSK	133147	1RB#24	24.23	23.47	34.77	PASS
Band71	5MHz	QPSK	133147	25RB#0	23.18	22.42	34.77	PASS
Band71	5MHz	QPSK	133297	1RB#0	24.48	23.72	34.77	PASS
Band71	5MHz	QPSK	133297	1RB#12	24.45	23.69	34.77	PASS
Band71	5MHz	QPSK	133297	1RB#24	24.20	23.44	34.77	PASS
Band71	5MHz	QPSK	133297	25RB#0	23.29	22.53	34.77	PASS
Band71	5MHz	QPSK	133447	1RB#0	24.36	23.60	34.77	PASS
Band71	5MHz	QPSK	133447	1RB#12	24.45	23.69	34.77	PASS
Band71	5MHz	QPSK	133447	1RB#24	24.41	23.65	34.77	PASS
Band71	5MHz	QPSK	133447	25RB#0	23.41	22.65	34.77	PASS
Band71	5MHz	16QAM	133147	1RB#0	23.32	22.56	34.77	PASS
Band71	5MHz	16QAM	133147	1RB#12	23.44	22.68	34.77	PASS
Band71	5MHz	16QAM	133147	1RB#24	23.21	22.45	34.77	PASS
Band71	5MHz	16QAM	133147	25RB#0	22.24	21.48	34.77	PASS
Band71	5MHz	16QAM	133297	1RB#0	23.49	22.73	34.77	PASS
Band71	5MHz	16QAM	133297	1RB#12	23.43	22.67	34.77	PASS
Band71	5MHz	16QAM	133297	1RB#24	23.42	22.66	34.77	PASS
Band71	5MHz	16QAM	133297	25RB#0	22.37	21.61	34.77	PASS
Band71	5MHz	16QAM	133447	1RB#0	23.62	22.86	34.77	PASS
Band71	5MHz	16QAM	133447	1RB#12	23.61	22.85	34.77	PASS
Band71	5MHz	16QAM	133447	1RB#24	23.37	22.61	34.77	PASS
Band71	5MHz	16QAM	133447	25RB#0	22.47	21.71	34.77	PASS
Band71	5MHz	64QAM	133147	1RB#0	22.48	21.72	34.77	PASS
Band71	5MHz	64QAM	133147	1RB#12	22.36	21.60	34.77	PASS
Band71	5MHz	64QAM	133147	1RB#24	22.19	21.43	34.77	PASS



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Band71	5MHz	64QAM	133147	25RB#0	21.16	20.40	34.77	PASS
Band71	5MHz	64QAM	133297	1RB#0	22.48	21.72	34.77	PASS
Band71	5MHz	64QAM	133297	1RB#12	22.49	21.73	34.77	PASS
Band71	5MHz	64QAM	133297	1RB#24	22.33	21.57	34.77	PASS
Band71	5MHz	64QAM	133297	25RB#0	21.35	20.59	34.77	PASS
Band71	5MHz	64QAM	133447	1RB#0	22.66	21.90	34.77	PASS
Band71	5MHz	64QAM	133447	1RB#12	22.61	21.85	34.77	PASS
Band71	5MHz	64QAM	133447	1RB#24	22.57	21.81	34.77	PASS
Band71	5MHz	64QAM	133447	25RB#0	21.50	20.74	34.77	PASS
Band71	5MHz	256QAM	133147	1RB#0	19.22	18.46	34.77	PASS
Band71	5MHz	256QAM	133147	1RB#12	19.39	18.63	34.77	PASS
Band71	5MHz	256QAM	133147	1RB#24	19.25	18.49	34.77	PASS
Band71	5MHz	256QAM	133147	25RB#0	19.20	18.44	34.77	PASS
Band71	5MHz	256QAM	133297	1RB#0	19.33	18.57	34.77	PASS
Band71	5MHz	256QAM	133297	1RB#12	19.37	18.61	34.77	PASS
Band71	5MHz	256QAM	133297	1RB#24	19.35	18.59	34.77	PASS
Band71	5MHz	256QAM	133297	25RB#0	19.30	18.54	34.77	PASS
Band71	5MHz	256QAM	133447	1RB#0	19.53	18.77	34.77	PASS
Band71	5MHz	256QAM	133447	1RB#12	19.57	18.81	34.77	PASS
Band71	5MHz	256QAM	133447	1RB#24	19.42	18.66	34.77	PASS
Band71	5MHz	256QAM	133447	25RB#0	19.45	18.69	34.77	PASS
Band71	10MHz	QPSK	133172	1RB#0	24.06	23.30	34.77	PASS
Band71	10MHz	QPSK	133172	1RB#24	24.28	23.52	34.77	PASS
Band71	10MHz	QPSK	133172	1RB#49	24.13	23.37	34.77	PASS
Band71	10MHz	QPSK	133172	50RB#0	23.57	22.81	34.77	PASS
Band71	10MHz	QPSK	133297	1RB#0	24.32	23.56	34.77	PASS
Band71	10MHz	QPSK	133297	1RB#24	24.35	23.59	34.77	PASS
Band71	10MHz	QPSK	133297	1RB#49	24.25	23.49	34.77	PASS
Band71	10MHz	QPSK	133297	50RB#0	23.35	22.59	34.77	PASS
Band71	10MHz	QPSK	133422	1RB#0	24.36	23.60	34.77	PASS
Band71	10MHz	QPSK	133422	1RB#24	24.45	23.69	34.77	PASS
Band71	10MHz	QPSK	133422	1RB#49	24.34	23.58	34.77	PASS
Band71	10MHz	QPSK	133422	50RB#0	23.37	22.61	34.77	PASS



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Band71	10MHz	16QAM	133172	1RB#0	23.50	22.74	34.77	PASS
Band71	10MHz	16QAM	133172	1RB#24	23.37	22.61	34.77	PASS
Band71	10MHz	16QAM	133172	1RB#49	23.23	22.47	34.77	PASS
Band71	10MHz	16QAM	133172	50RB#0	22.30	21.54	34.77	PASS
Band71	10MHz	16QAM	133297	1RB#0	23.39	22.63	34.77	PASS
Band71	10MHz	16QAM	133297	1RB#24	23.41	22.65	34.77	PASS
Band71	10MHz	16QAM	133297	1RB#49	23.31	22.55	34.77	PASS
Band71	10MHz	16QAM	133297	50RB#0	22.33	21.57	34.77	PASS
Band71	10MHz	16QAM	133422	1RB#0	23.52	22.76	34.77	PASS
Band71	10MHz	16QAM	133422	1RB#24	23.65	22.89	34.77	PASS
Band71	10MHz	16QAM	133422	1RB#49	23.53	22.77	34.77	PASS
Band71	10MHz	16QAM	133422	50RB#0	22.36	21.60	34.77	PASS
Band71	10MHz	64QAM	133172	1RB#0	22.51	21.75	34.77	PASS
Band71	10MHz	64QAM	133172	1RB#24	22.42	21.66	34.77	PASS
Band71	10MHz	64QAM	133172	1RB#49	22.41	21.65	34.77	PASS
Band71	10MHz	64QAM	133172	50RB#0	21.24	20.48	34.77	PASS
Band71	10MHz	64QAM	133297	1RB#0	22.56	21.80	34.77	PASS
Band71	10MHz	64QAM	133297	1RB#24	22.63	21.87	34.77	PASS
Band71	10MHz	64QAM	133297	1RB#49	22.47	21.71	34.77	PASS
Band71	10MHz	64QAM	133297	50RB#0	21.30	20.54	34.77	PASS
Band71	10MHz	64QAM	133422	1RB#0	22.45	21.69	34.77	PASS
Band71	10MHz	64QAM	133422	1RB#24	22.76	22.00	34.77	PASS
Band71	10MHz	64QAM	133422	1RB#49	22.51	21.75	34.77	PASS
Band71	10MHz	64QAM	133422	50RB#0	21.34	20.58	34.77	PASS
Band71	10MHz	256QAM	133172	1RB#0	19.30	18.54	34.77	PASS
Band71	10MHz	256QAM	133172	1RB#24	19.39	18.63	34.77	PASS
Band71	10MHz	256QAM	133172	1RB#49	19.27	18.51	34.77	PASS
Band71	10MHz	256QAM	133172	50RB#0	19.28	18.52	34.77	PASS
Band71	10MHz	256QAM	133297	1RB#0	19.32	18.56	34.77	PASS
Band71	10MHz	256QAM	133297	1RB#24	19.50	18.74	34.77	PASS
Band71	10MHz	256QAM	133297	1RB#49	19.29	18.53	34.77	PASS
Band71	10MHz	256QAM	133297	50RB#0	19.32	18.56	34.77	PASS
Band71	10MHz	256QAM	133422	1RB#0	19.51	18.75	34.77	PASS



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Band71	10MHz	256QAM	133422	1RB#49	19.35	18.59	34.77	PASS
Band71	10MHz	256QAM	133422	50RB#0	19.39	18.63	34.77	PASS
Band71	15MHz	QPSK	133197	1RB#0	23.96	23.20	34.77	PASS
Band71	15MHz	QPSK	133197	1RB#38	24.07	23.31	34.77	PASS
Band71	15MHz	QPSK	133197	1RB#74	24.09	23.33	34.77	PASS
Band71	15MHz	QPSK	133197	75RB#0	23.11	22.35	34.77	PASS
Band71	15MHz	QPSK	133297	1RB#0	24.26	23.50	34.77	PASS
Band71	15MHz	QPSK	133297	1RB#38	24.19	23.43	34.77	PASS
Band71	15MHz	QPSK	133297	1RB#74	24.15	23.39	34.77	PASS
Band71	15MHz	QPSK	133297	75RB#0	23.18	22.42	34.77	PASS
Band71	15MHz	QPSK	133397	1RB#0	24.38	23.62	34.77	PASS
Band71	15MHz	QPSK	133397	1RB#38	24.45	23.69	34.77	PASS
Band71	15MHz	QPSK	133397	1RB#74	24.33	23.57	34.77	PASS
Band71	15MHz	QPSK	133397	75RB#0	23.22	22.46	34.77	PASS
Band71	15MHz	16QAM	133197	1RB#0	23.19	22.43	34.77	PASS
Band71	15MHz	16QAM	133197	1RB#38	23.16	22.40	34.77	PASS
Band71	15MHz	16QAM	133197	1RB#74	23.11	22.35	34.77	PASS
Band71	15MHz	16QAM	133197	75RB#0	22.25	21.49	34.77	PASS
Band71	15MHz	16QAM	133297	1RB#0	23.28	22.52	34.77	PASS
Band71	15MHz	16QAM	133297	1RB#38	23.42	22.66	34.77	PASS
Band71	15MHz	16QAM	133297	1RB#74	23.28	22.52	34.77	PASS
Band71	15MHz	16QAM	133297	75RB#0	22.23	21.47	34.77	PASS
Band71	15MHz	16QAM	133397	1RB#0	23.52	22.76	34.77	PASS
Band71	15MHz	16QAM	133397	1RB#38	23.34	22.58	34.77	PASS
Band71	15MHz	16QAM	133397	1RB#74	23.43	22.67	34.77	PASS
Band71	15MHz	16QAM	133397	75RB#0	22.21	21.45	34.77	PASS
Band71	15MHz	64QAM	133197	1RB#0	22.36	21.60	34.77	PASS
Band71	15MHz	64QAM	133197	1RB#38	22.29	21.53	34.77	PASS
Band71	15MHz	64QAM	133197	1RB#74	22.11	21.35	34.77	PASS
Band71	15MHz	64QAM	133197	75RB#0	21.11	20.35	34.77	PASS
Band71	15MHz	64QAM	133297	1RB#0	22.28	21.52	34.77	PASS
Band71	15MHz	64QAM	133297	1RB#38	22.39	21.63	34.77	PASS



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Band71	15MHz	64QAM	133297	75RB#0	21.30	20.54	34.77	PASS
Band71	15MHz	64QAM	133397	1RB#0	22.28	21.52	34.77	PASS
Band71	15MHz	64QAM	133397	1RB#38	22.49	21.73	34.77	PASS
Band71	15MHz	64QAM	133397	1RB#74	22.32	21.56	34.77	PASS
Band71	15MHz	64QAM	133397	75RB#0	21.22	20.46	34.77	PASS
Band71	15MHz	256QAM	133197	1RB#0	19.11	18.35	34.77	PASS
Band71	15MHz	256QAM	133197	1RB#38	19.31	18.55	34.77	PASS
Band71	15MHz	256QAM	133197	1RB#74	19.29	18.53	34.77	PASS
Band71	15MHz	256QAM	133197	75RB#0	19.05	18.29	34.77	PASS
Band71	15MHz	256QAM	133297	1RB#0	19.11	18.35	34.77	PASS
Band71	15MHz	256QAM	133297	1RB#38	19.33	18.57	34.77	PASS
Band71	15MHz	256QAM	133297	1RB#74	19.29	18.53	34.77	PASS
Band71	15MHz	256QAM	133297	75RB#0	19.16	18.40	34.77	PASS
Band71	15MHz	256QAM	133397	1RB#0	19.23	18.47	34.77	PASS
Band71	15MHz	256QAM	133397	1RB#38	19.38	18.62	34.77	PASS
Band71	15MHz	256QAM	133397	1RB#74	19.32	18.56	34.77	PASS
Band71	15MHz	256QAM	133397	75RB#0	19.25	18.49	34.77	PASS
Band71	20MHz	QPSK	133222	1RB#0	24.46	23.70	34.77	PASS
Band71	20MHz	QPSK	133222	1RB#49	24.07	23.31	34.77	PASS
Band71	20MHz	QPSK	133222	1RB#99	24.14	23.38	34.77	PASS
Band71	20MHz	QPSK	133222	100RB#0	23.13	22.37	34.77	PASS
Band71	20MHz	QPSK	133322	1RB#0	24.33	23.57	34.77	PASS
Band71	20MHz	QPSK	133322	1RB#49	24.30	23.54	34.77	PASS
Band71	20MHz	QPSK	133322	1RB#99	24.18	23.42	34.77	PASS
Band71	20MHz	QPSK	133322	100RB#0	23.21	22.45	34.77	PASS
Band71	20MHz	QPSK	133372	1RB#0	24.28	23.52	34.77	PASS
Band71	20MHz	QPSK	133372	1RB#49	24.42	23.66	34.77	PASS
Band71	20MHz	QPSK	133372	1RB#99	24.42	23.66	34.77	PASS
Band71	20MHz	QPSK	133372	100RB#0	23.32	22.56	34.77	PASS
Band71	20MHz	16QAM	133222	1RB#0	22.97	22.21	34.77	PASS
Band71	20MHz	16QAM	133222	1RB#49	23.19	22.43	34.77	PASS
Band71	20MHz	16QAM	133222	1RB#99	23.27	22.51	34.77	PASS



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Band71	20MHz	16QAM	133222	100RB#0	22.29	21.53	34.77	PASS
Band71	20MHz	16QAM	133322	1RB#0	23.23	22.47	34.77	PASS
Band71	20MHz	16QAM	133322	1RB#49	23.28	22.52	34.77	PASS
Band71	20MHz	16QAM	133322	1RB#99	23.43	22.67	34.77	PASS
Band71	20MHz	16QAM	133322	100RB#0	22.25	21.49	34.77	PASS
Band71	20MHz	16QAM	133372	1RB#0	23.17	22.41	34.77	PASS
Band71	20MHz	16QAM	133372	1RB#49	23.31	22.55	34.77	PASS
Band71	20MHz	16QAM	133372	1RB#99	23.30	22.54	34.77	PASS
Band71	20MHz	16QAM	133372	100RB#0	22.33	21.57	34.77	PASS
Band71	20MHz	64QAM	133222	1RB#0	22.12	21.36	34.77	PASS
Band71	20MHz	64QAM	133222	1RB#49	22.31	21.55	34.77	PASS
Band71	20MHz	64QAM	133222	1RB#99	22.28	21.52	34.77	PASS
Band71	20MHz	64QAM	133222	100RB#0	21.12	20.36	34.77	PASS
Band71	20MHz	64QAM	133322	1RB#0	22.44	21.68	34.77	PASS
Band71	20MHz	64QAM	133322	1RB#49	22.33	21.57	34.77	PASS
Band71	20MHz	64QAM	133322	1RB#99	22.49	21.73	34.77	PASS
Band71	20MHz	64QAM	133322	100RB#0	21.26	20.50	34.77	PASS
Band71	20MHz	64QAM	133372	1RB#0	22.40	21.64	34.77	PASS
Band71	20MHz	64QAM	133372	1RB#49	22.32	21.56	34.77	PASS
Band71	20MHz	64QAM	133372	1RB#99	22.51	21.75	34.77	PASS
Band71	20MHz	64QAM	133372	100RB#0	21.23	20.47	34.77	PASS
Band71	20MHz	256QAM	133222	1RB#0	19.07	18.31	34.77	PASS
Band71	20MHz	256QAM	133222	1RB#49	19.20	18.44	34.77	PASS
Band71	20MHz	256QAM	133222	1RB#99	19.23	18.47	34.77	PASS
Band71	20MHz	256QAM	133222	100RB#0	19.12	18.36	34.77	PASS
Band71	20MHz	256QAM	133322	1RB#0	19.16	18.40	34.77	PASS
Band71	20MHz	256QAM	133322	1RB#49	19.26	18.50	34.77	PASS
Band71	20MHz	256QAM	133322	1RB#99	19.28	18.52	34.77	PASS
Band71	20MHz	256QAM	133322	100RB#0	19.23	18.47	34.77	PASS
Band71	20MHz	256QAM	133372	1RB#0	19.12	18.36	34.77	PASS
Band71	20MHz	256QAM	133372	1RB#49	19.44	18.68	34.77	PASS
Band71	20MHz	256QAM	133372	1RB#99	19.27	18.51	34.77	PASS
Band71	20MHz	256QAM	133372	100RB#0	19.33	18.57	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	5.34	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.46	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	5.22	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	6.22	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	6.36	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	6.12	13	PASS
Band71	20MHz	64QAM	133222	100RB#0	6.50	13	PASS
Band71	20MHz	64QAM	133322	100RB#0	6.60	13	PASS
Band71	20MHz	64QAM	133372	100RB#0	6.52	13	PASS
Band71	20MHz	256QAM	133222	100RB#0	6.56	13	PASS
Band71	20MHz	256QAM	133322	100RB#0	6.68	13	PASS
Band71	20MHz	256QAM	133372	100RB#0	6.50	13	PASS



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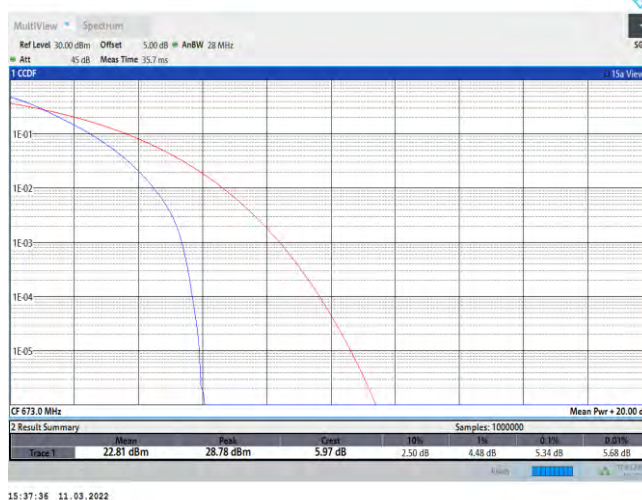
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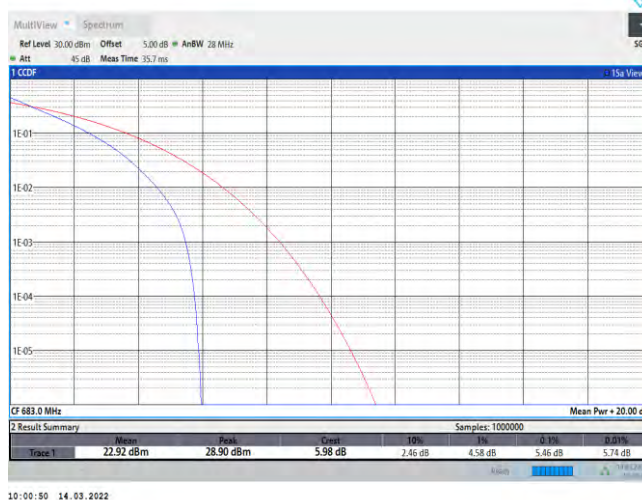
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Test Graphs

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



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



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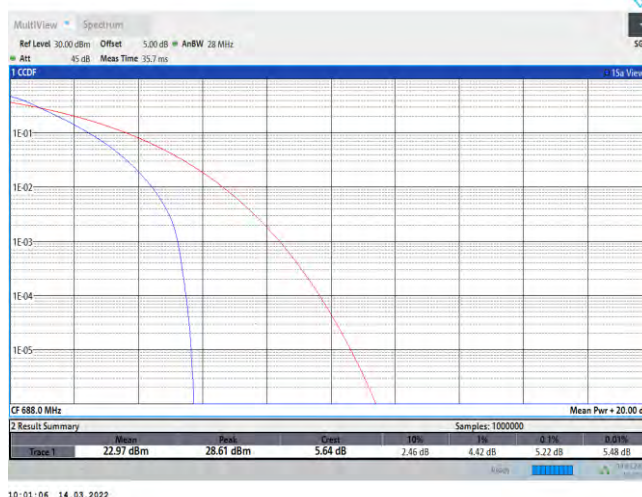
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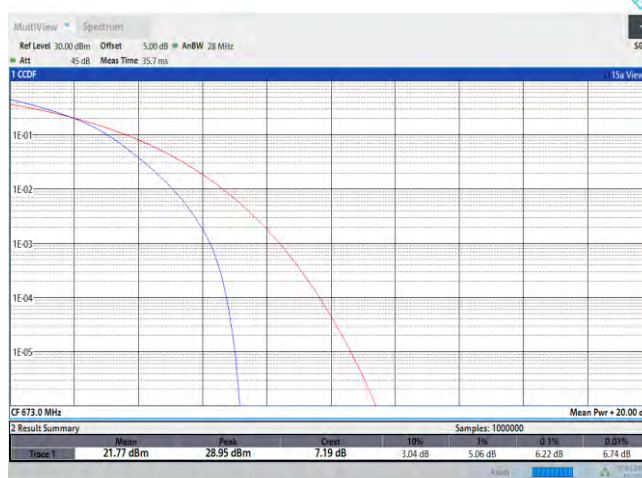
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Band71-20MHz-QPSK-133372-100RB#0



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



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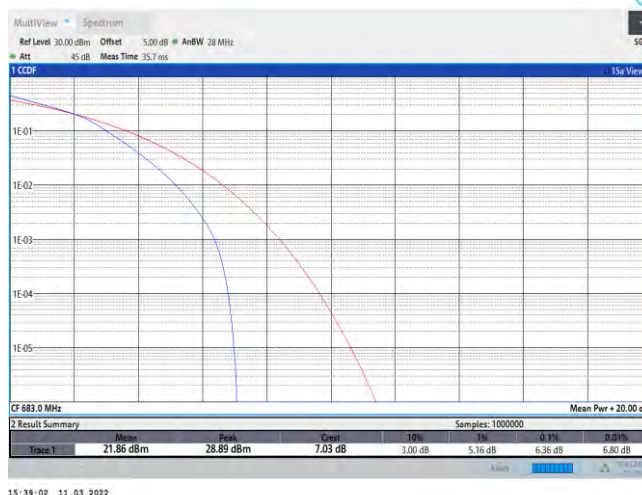
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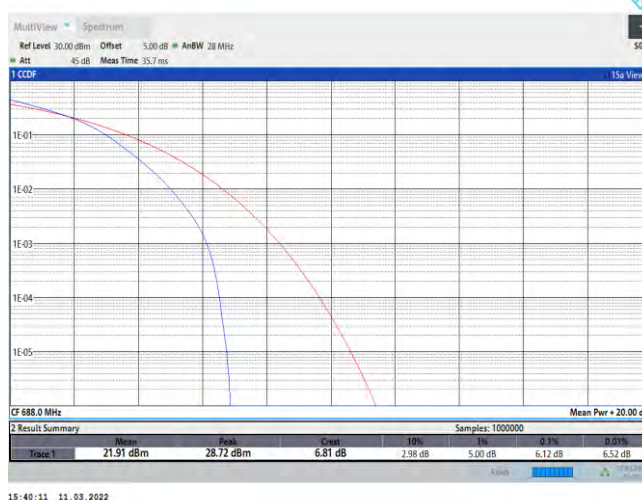
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Band71-20MHz-16QAM-133322-100RB#0



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



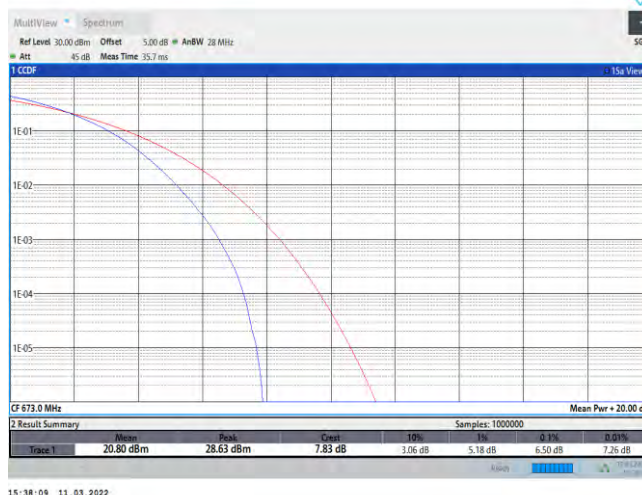
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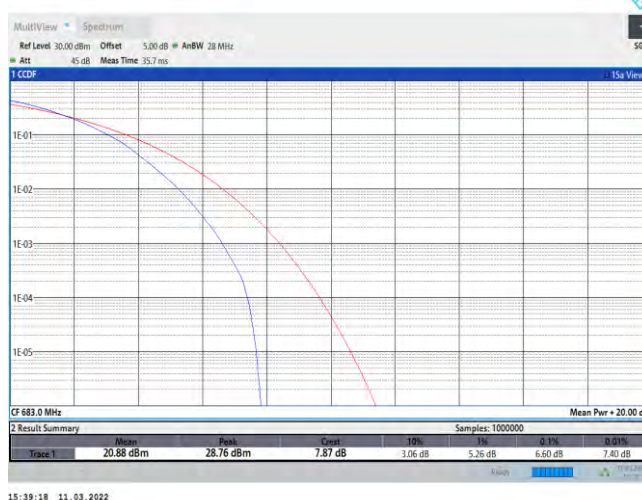
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Band71-20MHz-64QAM-133222-100RB#0



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



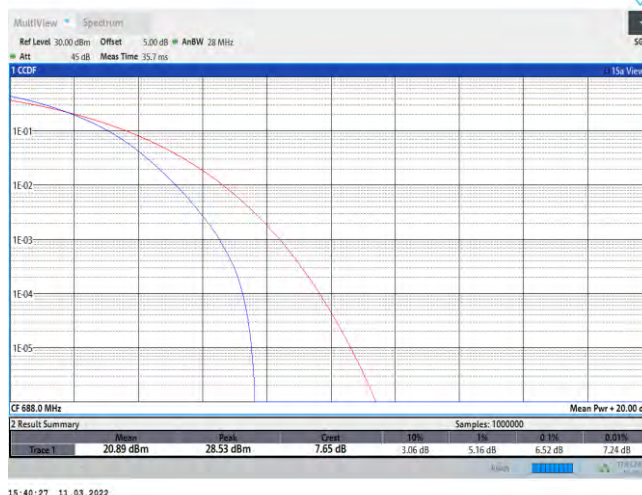
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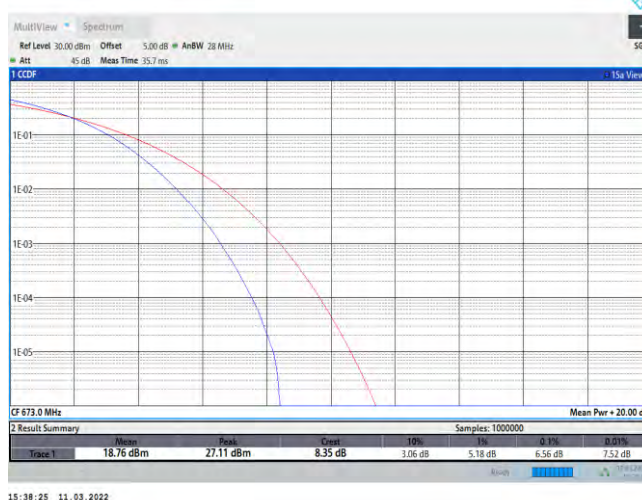
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Band71-20MHz-64QAM-133372-100RB#0



Band71-20MHz-256QAM-133222-100RB#0



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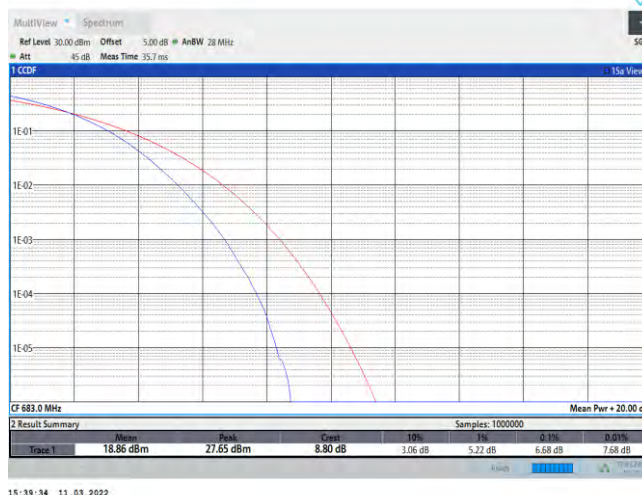
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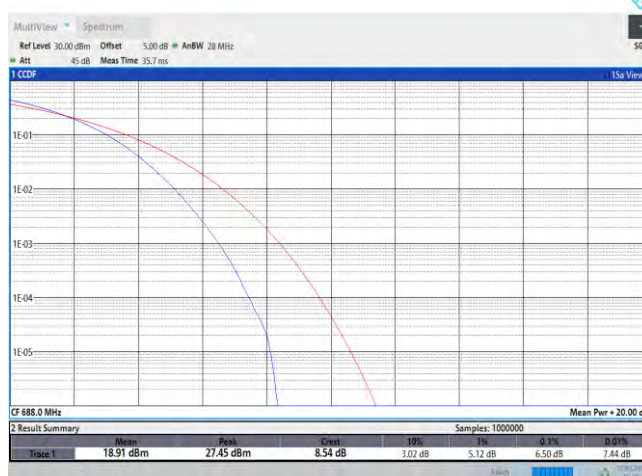
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Band71-20MHz-256QAM-133322-100RB#0



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Band71-20MHz-256QAM-133372-100RB#0



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band71	20MHz	QPSK	133322	50RB#0	PASS	PASS
Band71	20MHz	16QAM	133322	50RB#0	PASS	PASS
Band71	20MHz	64QAM	133322	50RB#0	PASS	PASS
Band71	20MHz	256QAM	133322	50RB#0	PASS	PASS



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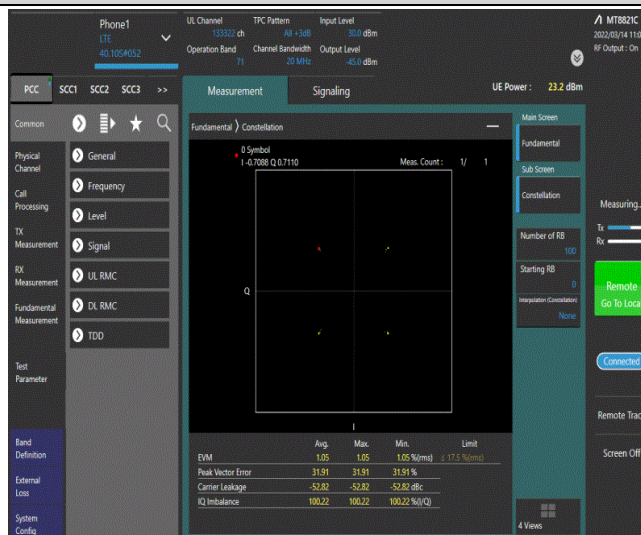
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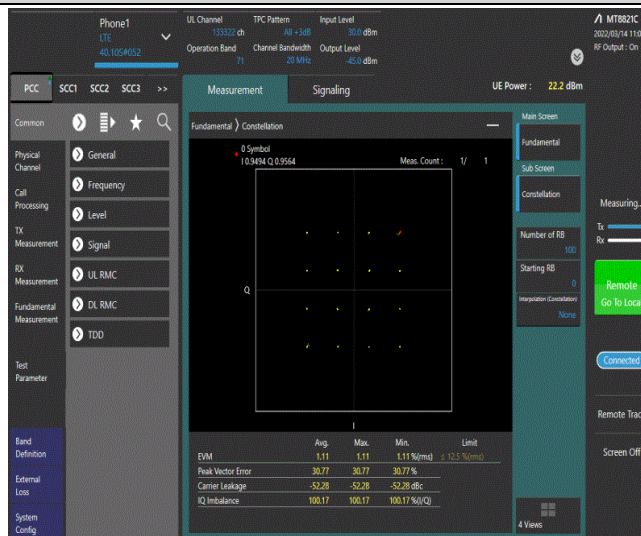
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Band71-20MHz-QPSK-133322-100RB#0



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



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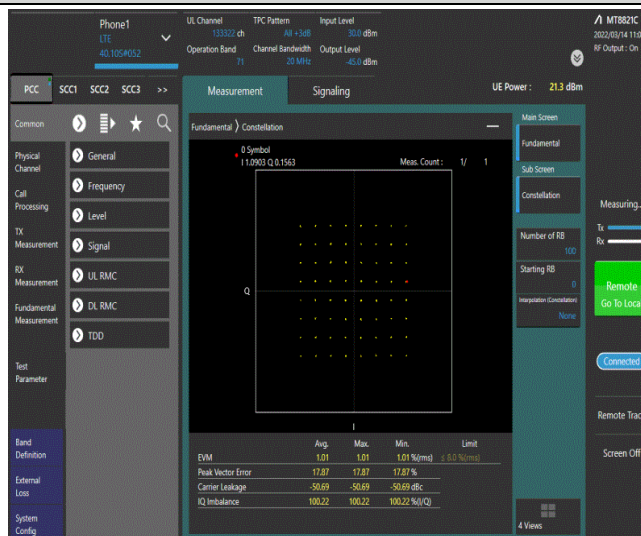
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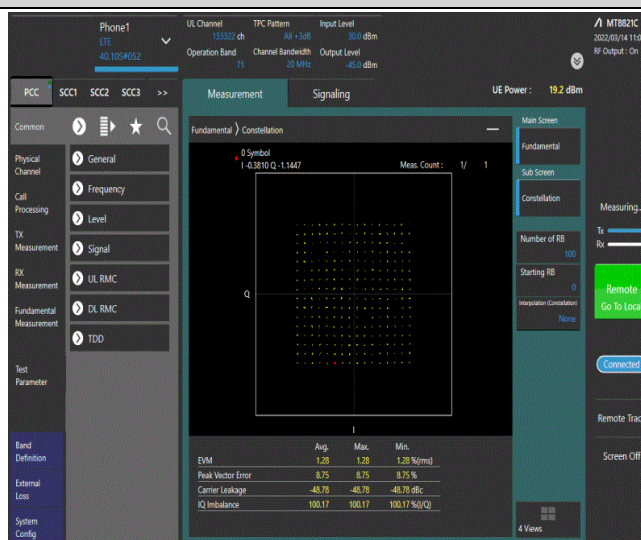
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Band71-20MHz-64QAM-133322-100RB#0



Band71-20MHz-256QAM-133322-100RB#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	4.476	5.04	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.479	5.01	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.479	5.04	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.479	5.01	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.478	5.03	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.48	5.02	PASS
Band71	5MHz	64QAM	133147	25RB#0	4.476	5.01	PASS
Band71	5MHz	64QAM	133297	25RB#0	4.481	5.05	PASS
Band71	5MHz	64QAM	133447	25RB#0	4.476	4.99	PASS
Band71	5MHz	256QAM	133147	25RB#0	4.476	5.06	PASS
Band71	5MHz	256QAM	133297	25RB#0	4.476	5.03	PASS
Band71	5MHz	256QAM	133447	25RB#0	4.475	5.08	PASS
Band71	10MHz	QPSK	133172	50RB#0	8.947	9.84	PASS
Band71	10MHz	QPSK	133297	50RB#0	8.944	9.84	PASS
Band71	10MHz	QPSK	133422	50RB#0	8.928	9.68	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.946	9.82	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.931	9.80	PASS
Band71	10MHz	16QAM	133422	50RB#0	8.93	9.76	PASS
Band71	10MHz	64QAM	133172	50RB#0	8.949	9.98	PASS
Band71	10MHz	64QAM	133297	50RB#0	8.954	9.88	PASS
Band71	10MHz	64QAM	133422	50RB#0	8.924	9.78	PASS
Band71	10MHz	256QAM	133172	50RB#0	8.948	9.82	PASS
Band71	10MHz	256QAM	133297	50RB#0	8.943	9.84	PASS
Band71	10MHz	256QAM	133422	50RB#0	8.917	9.90	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.447	14.97	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.473	15.00	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.41	14.91	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.455	14.88	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.485	14.91	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.413	14.85	PASS



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Band71	15MHz	64QAM	133197	75RB#0	13.459	14.88	PASS
Band71	15MHz	64QAM	133297	75RB#0	13.468	14.91	PASS
Band71	15MHz	64QAM	133397	75RB#0	13.394	14.79	PASS
Band71	15MHz	256QAM	133197	75RB#0	13.458	14.88	PASS
Band71	15MHz	256QAM	133297	75RB#0	13.486	14.97	PASS
Band71	15MHz	256QAM	133397	75RB#0	13.409	14.97	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.831	19.44	PASS
Band71	20MHz	QPSK	133322	100RB#0	17.878	19.64	PASS
Band71	20MHz	QPSK	133372	100RB#0	17.842	19.40	PASS
Band71	20MHz	16QAM	133222	100RB#0	17.843	19.44	PASS
Band71	20MHz	16QAM	133322	100RB#0	17.889	19.56	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.844	19.44	PASS
Band71	20MHz	64QAM	133222	100RB#0	17.807	19.52	PASS
Band71	20MHz	64QAM	133322	100RB#0	17.889	19.72	PASS
Band71	20MHz	64QAM	133372	100RB#0	17.836	19.48	PASS
Band71	20MHz	256QAM	133222	100RB#0	17.849	19.52	PASS
Band71	20MHz	256QAM	133322	100RB#0	17.898	19.52	PASS
Band71	20MHz	256QAM	133372	100RB#0	17.833	19.48	PASS



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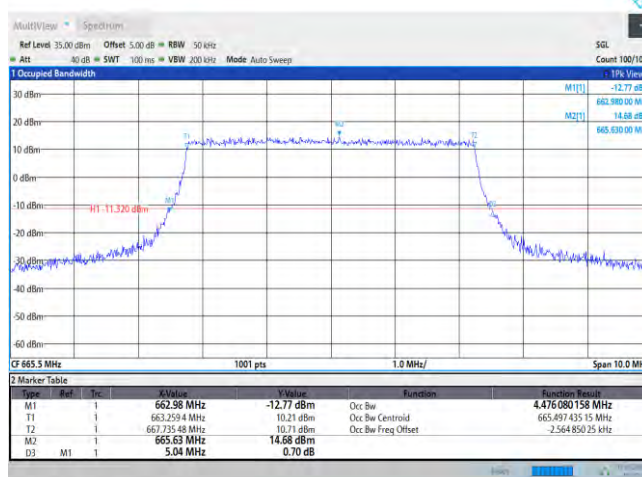
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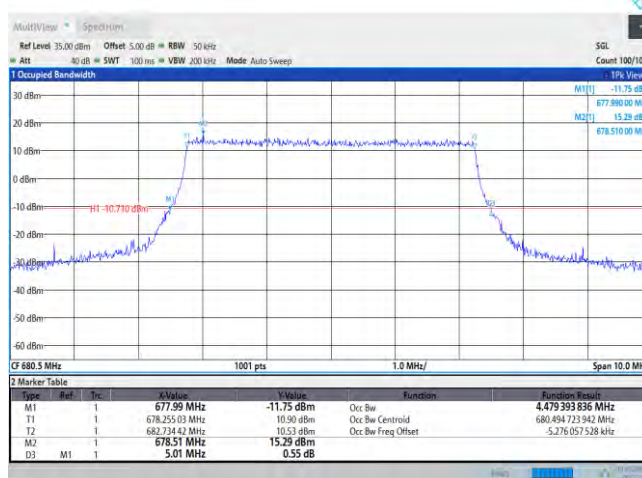
Test Graphs

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



15:07:25 11.03.2022

Band71-5MHz-QPSK-133297-25RB#0



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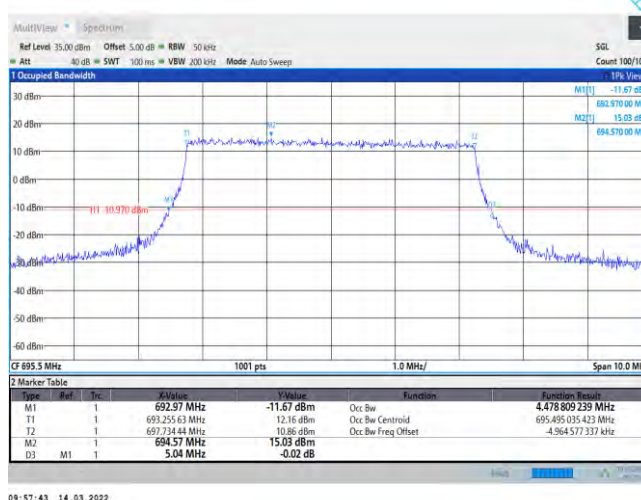
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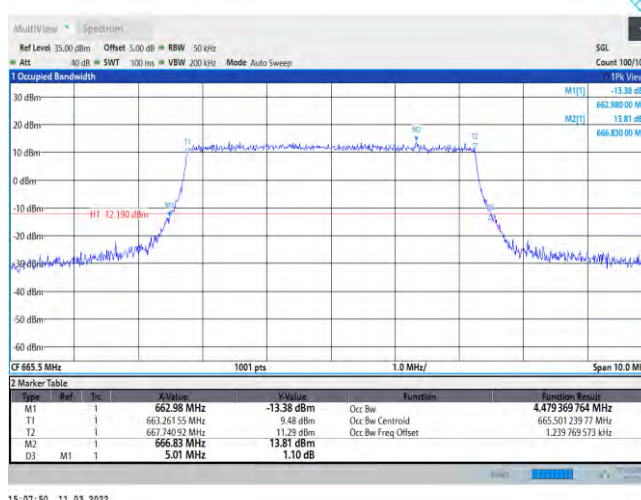
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Band71-5MHz-16QAM-133147-25RB#0



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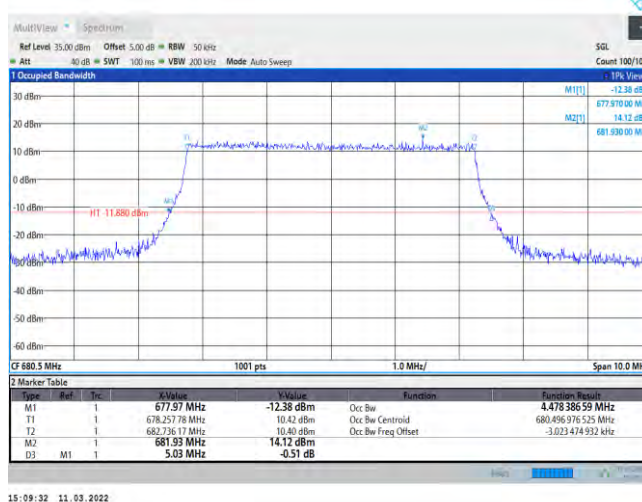
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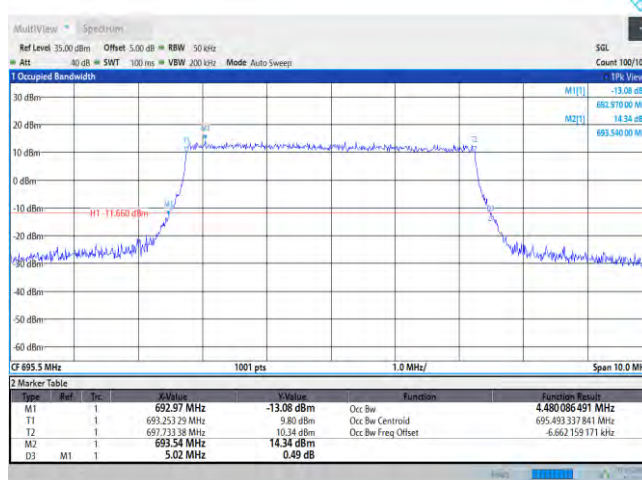
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Band71-5MHz-16QAM-133297-25RB#0



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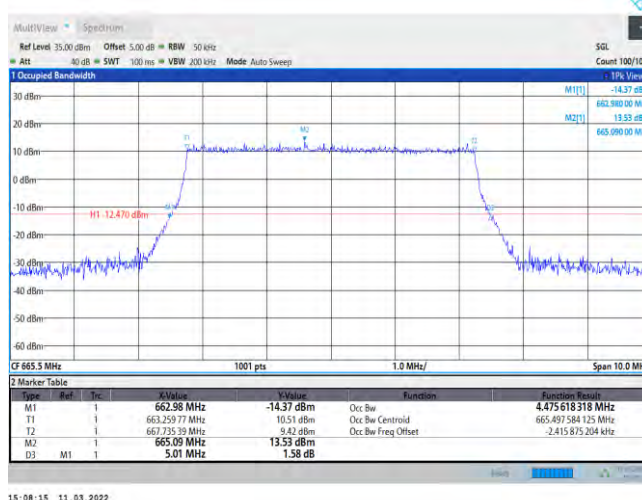
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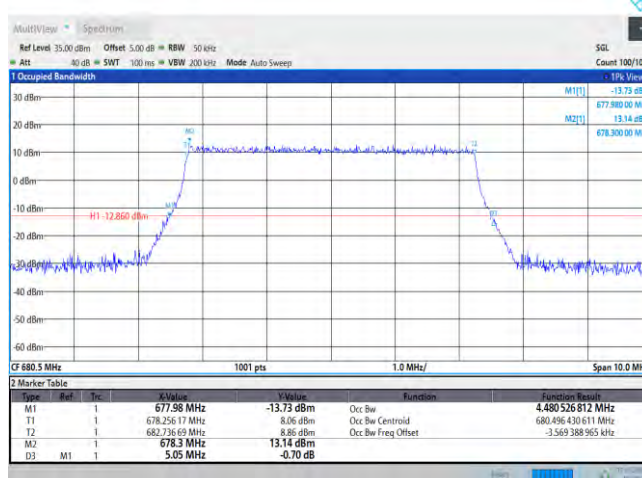
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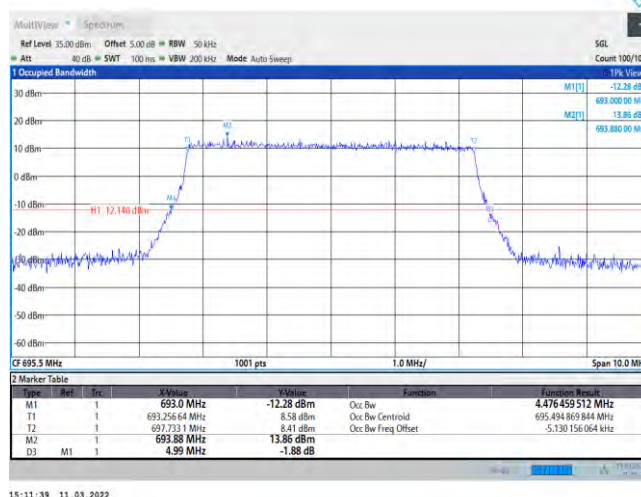
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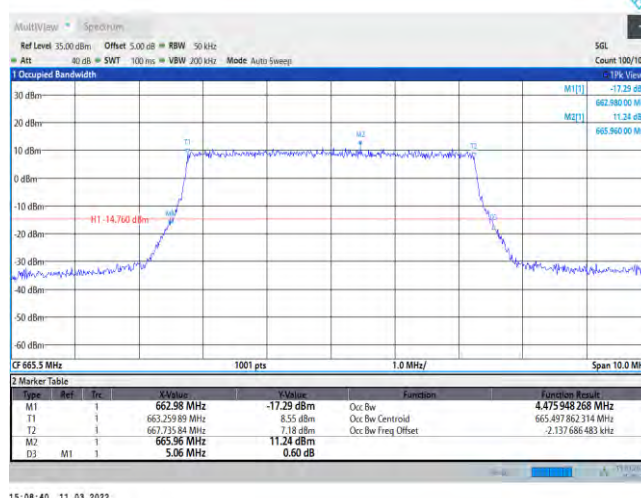
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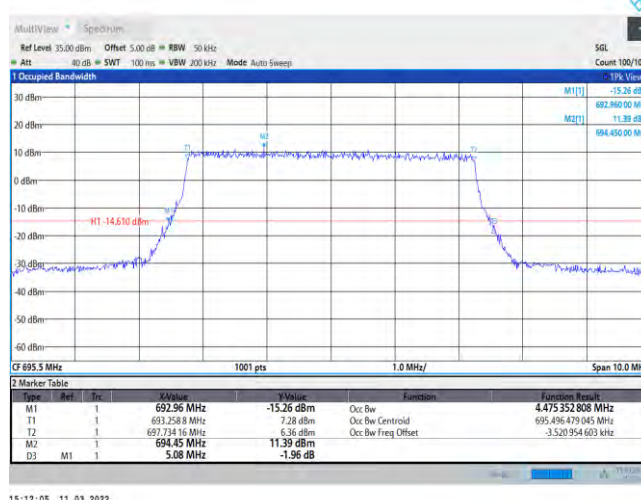
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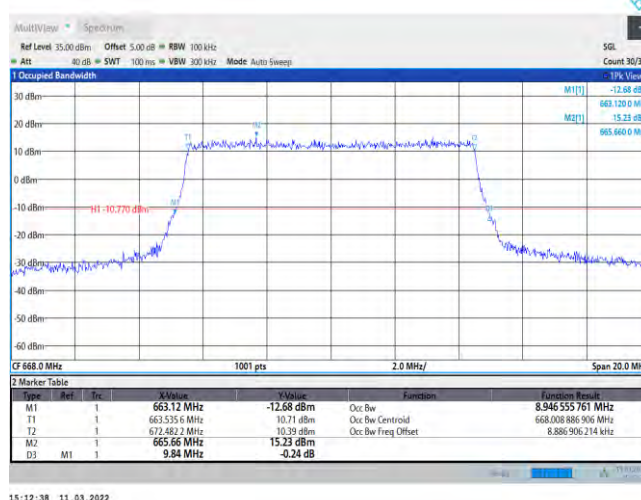
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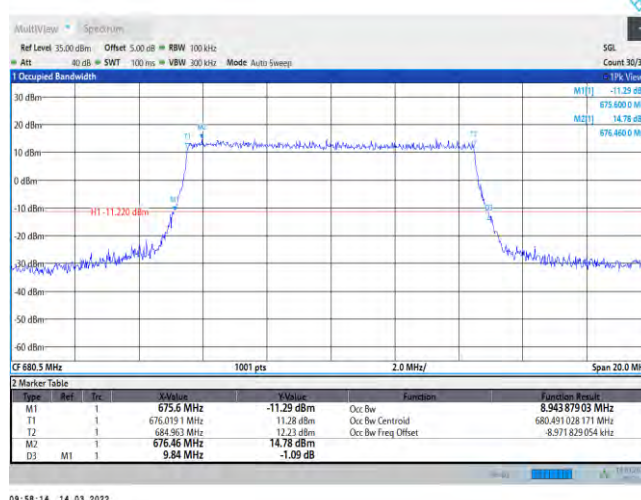
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Band71-10MHz-QPSK-133172-50RB#0



Band71-10MHz-QPSK-133297-50RB#0



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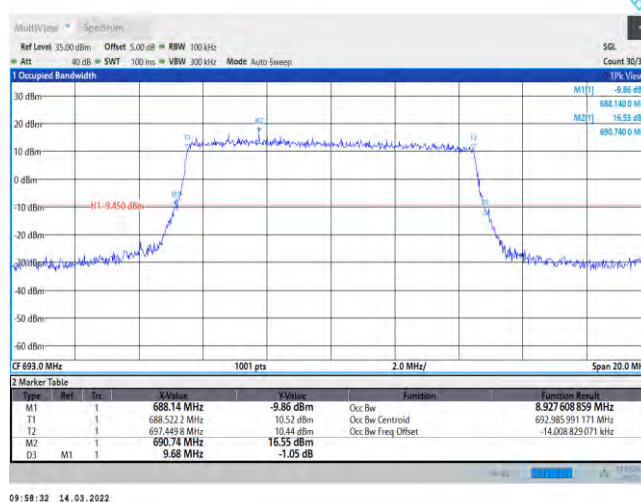
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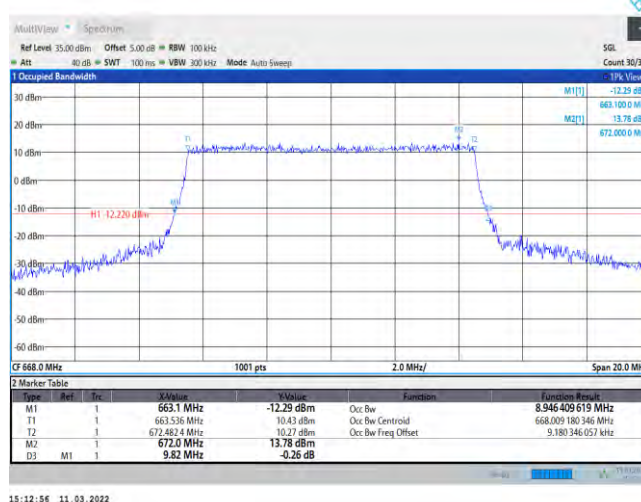
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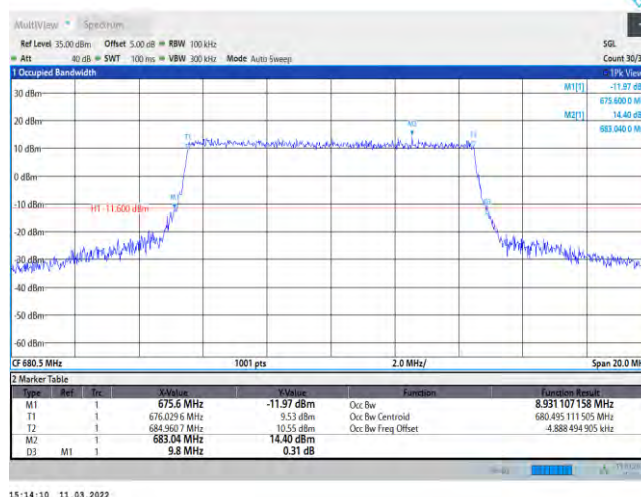


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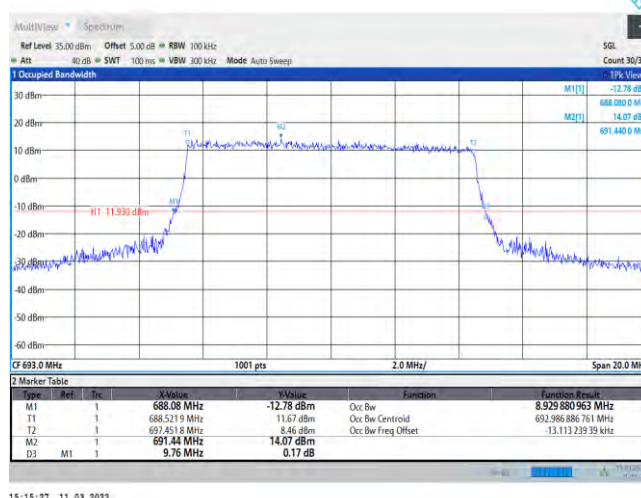


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Band71-10MHz-16QAM-133422-50RB#0



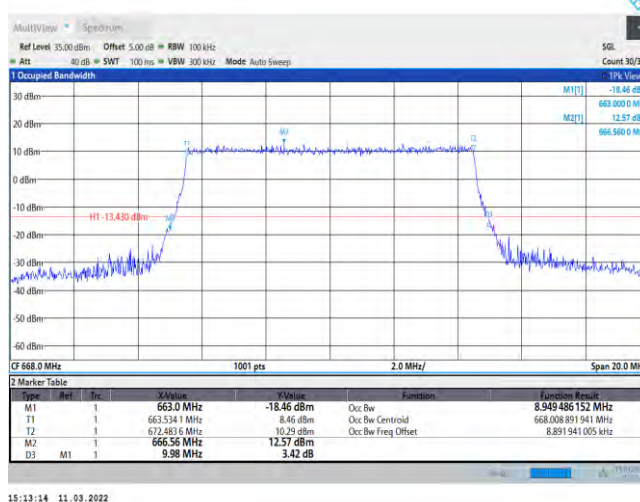
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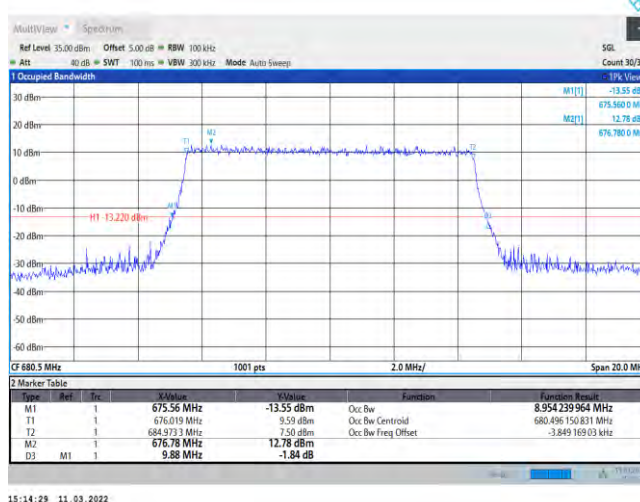
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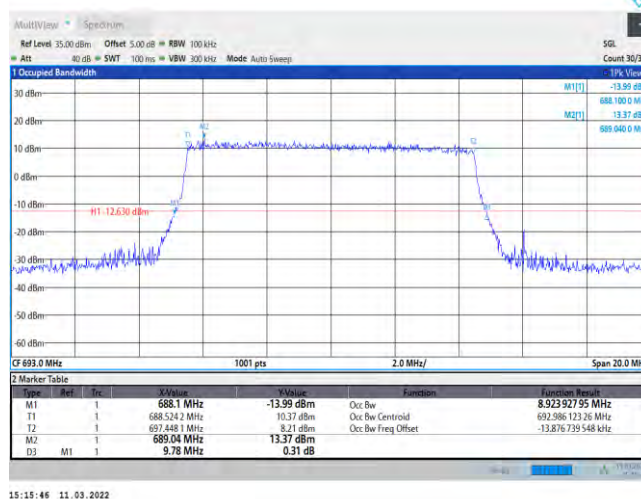
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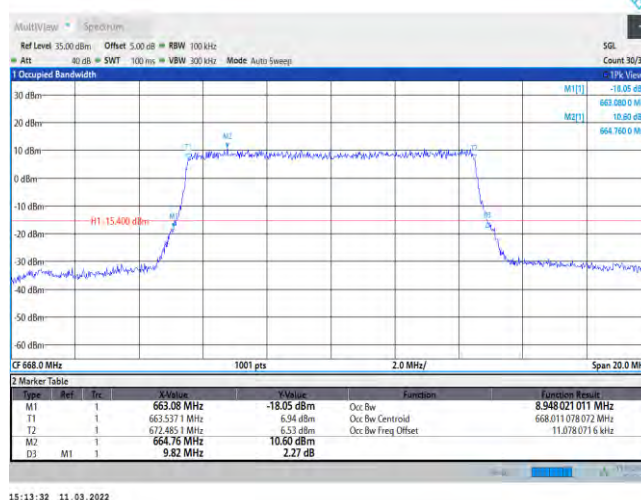
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Band71-10MHz-256QAM-133172-50RB#0



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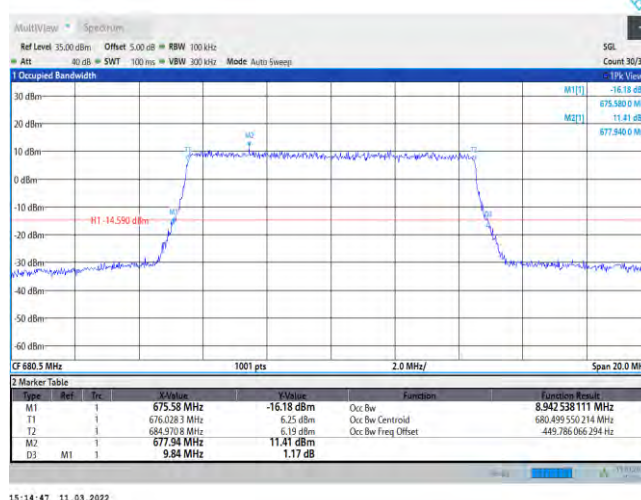
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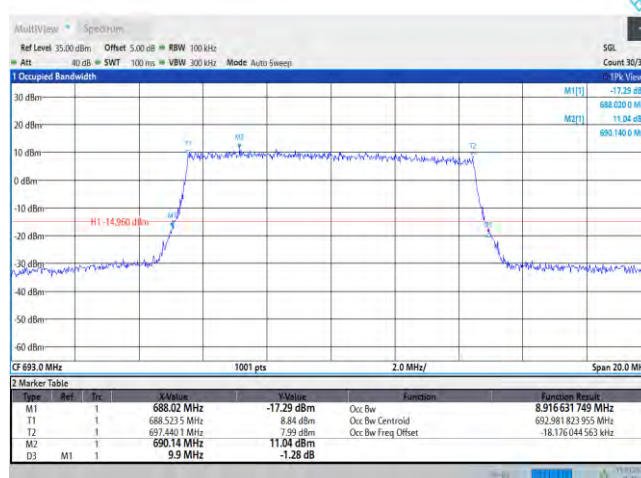
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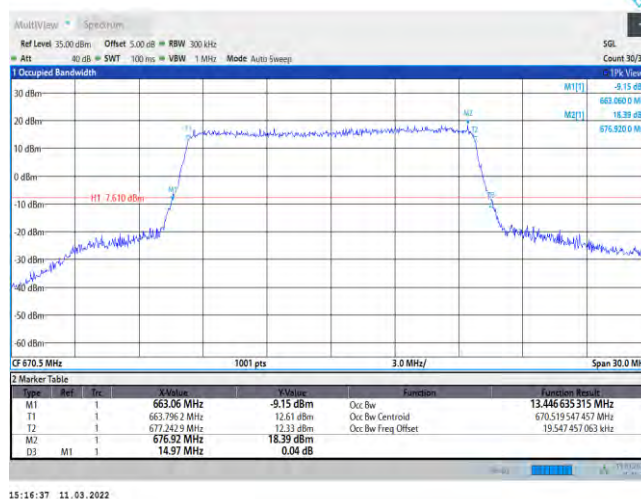
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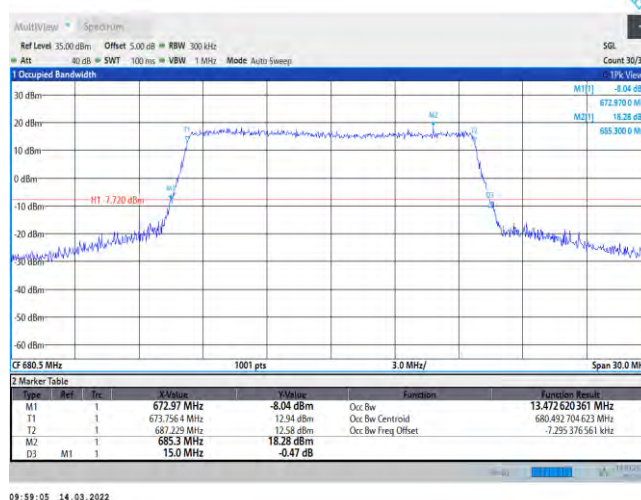
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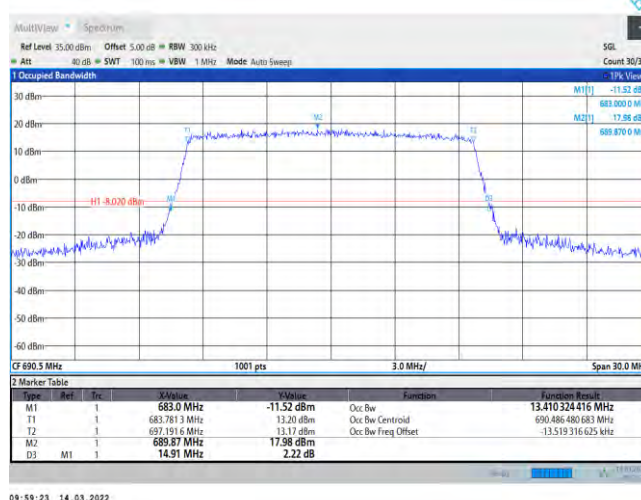
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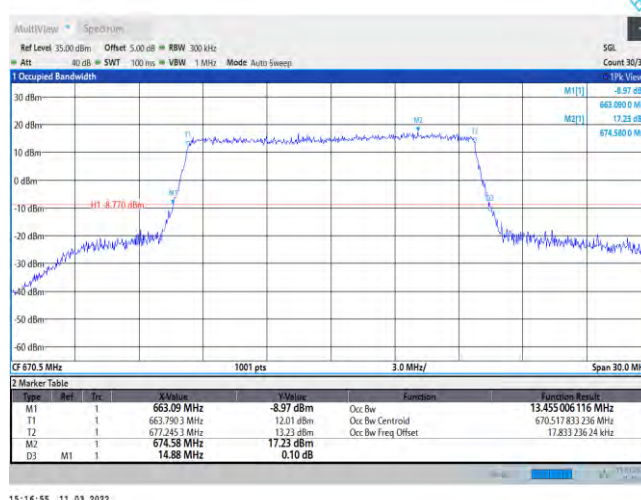
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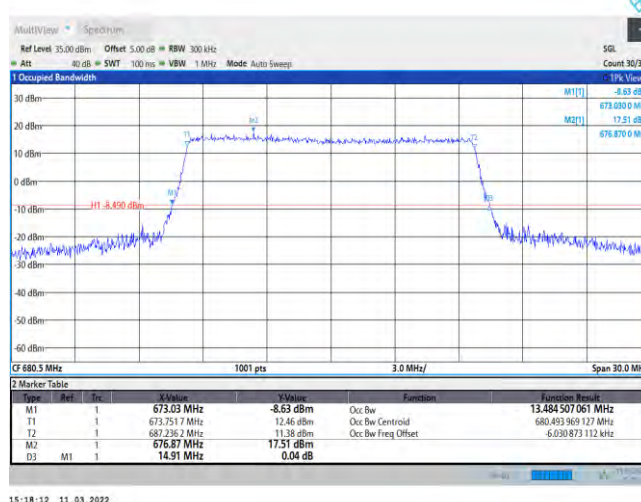
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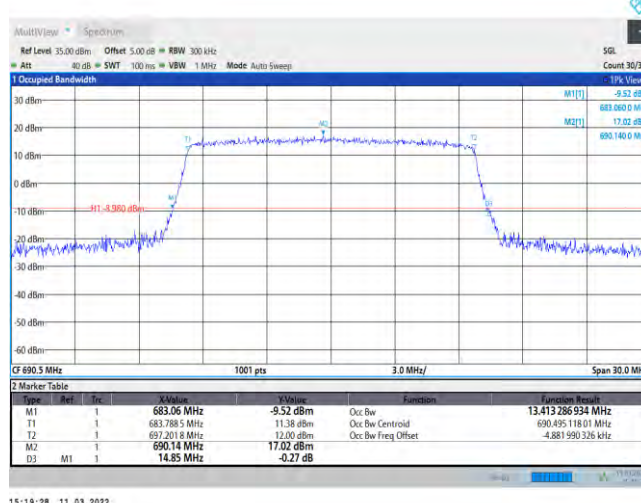
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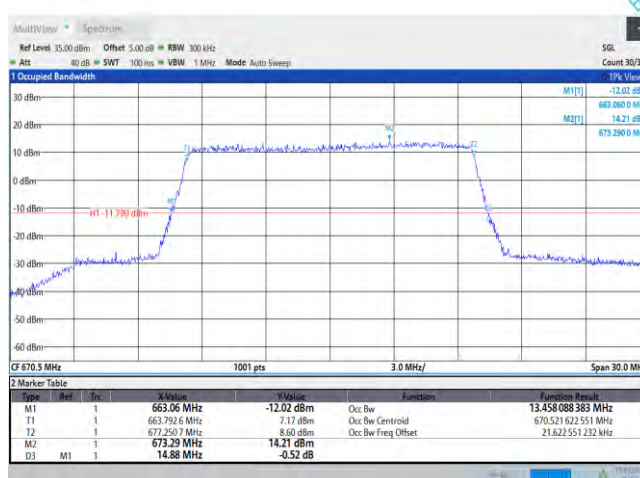
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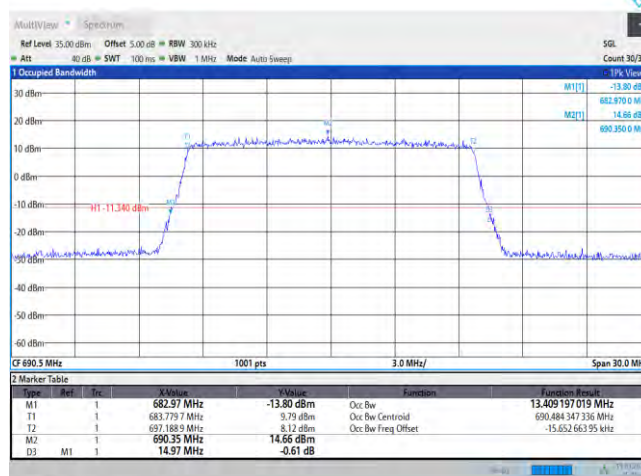
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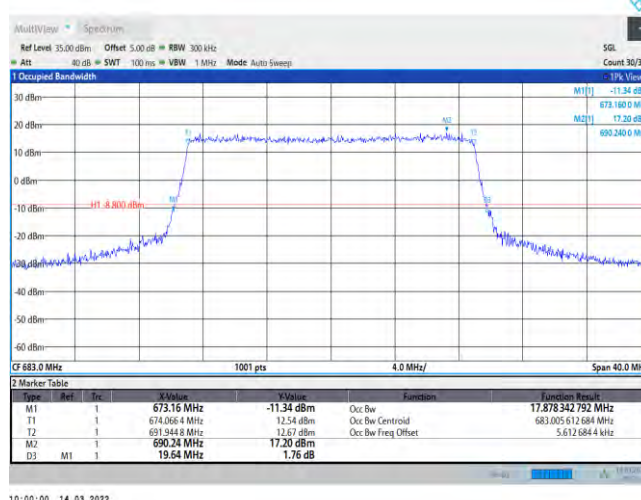
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Band71-20MHz-QPSK-133322-100RB#0



10:00:00 14.03.2022



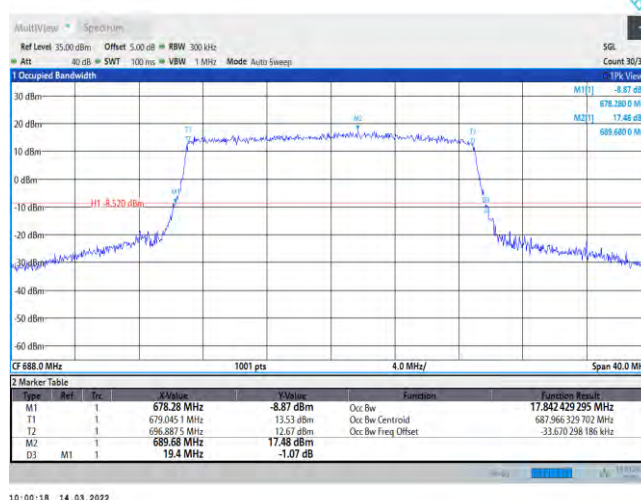
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10:00:18 14.03.2022

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



15:20:56 11.03.2022



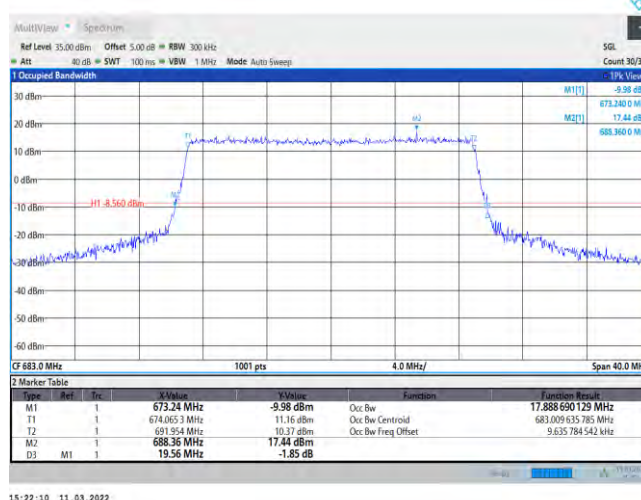
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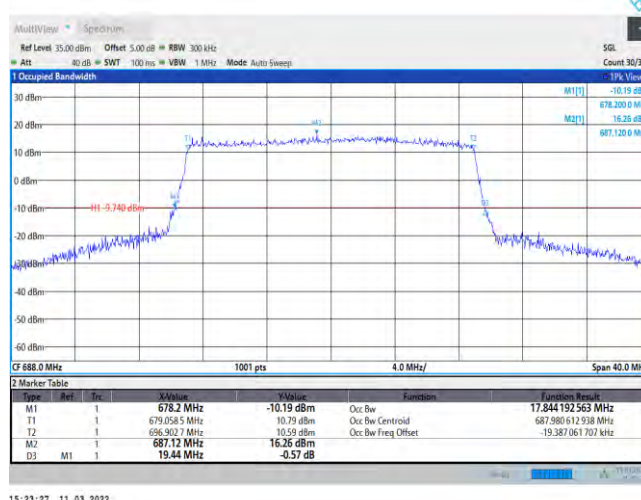
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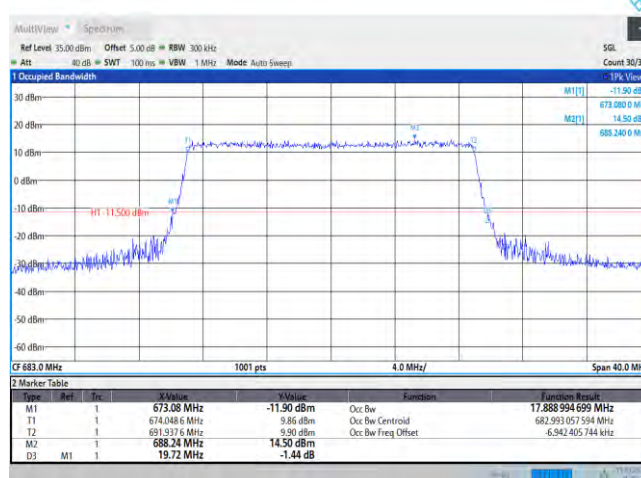
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15:21:14 11.03.2022

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



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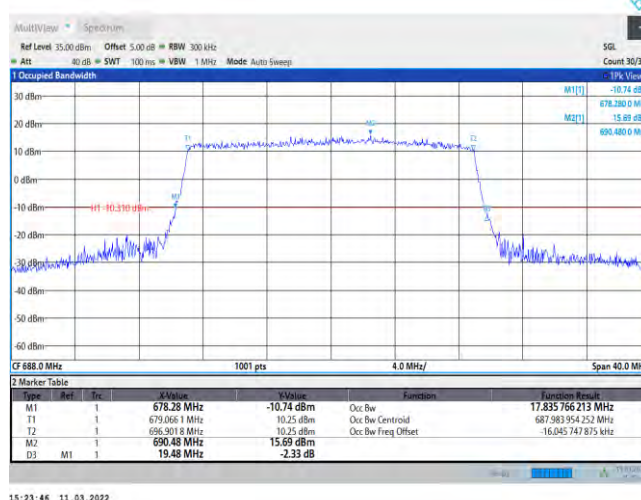
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Band71-20MHz-256QAM-133222-100RB#0



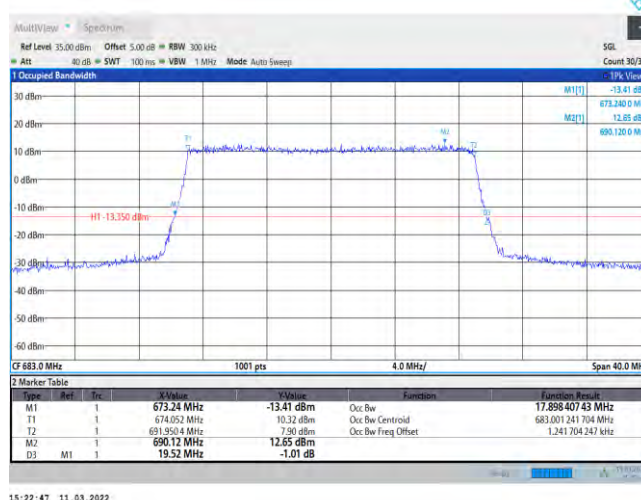
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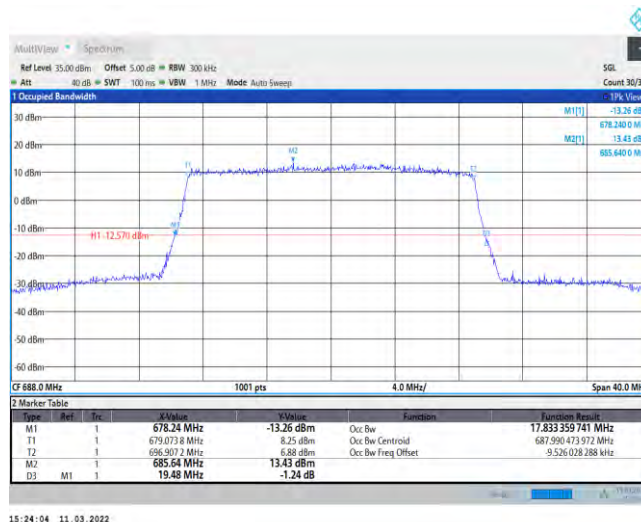
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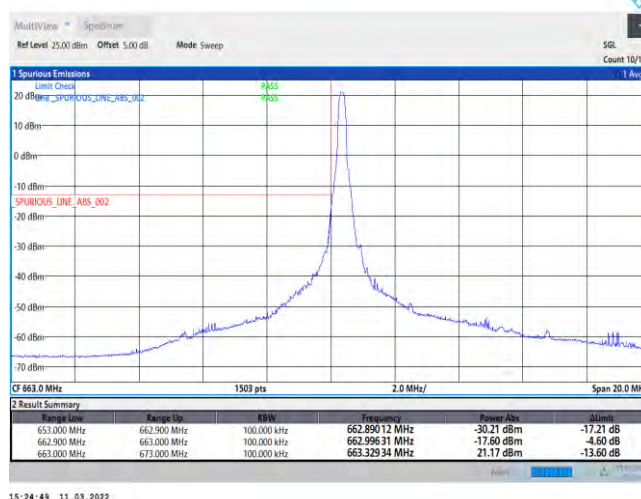
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Band Edge

Test Graphs

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



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



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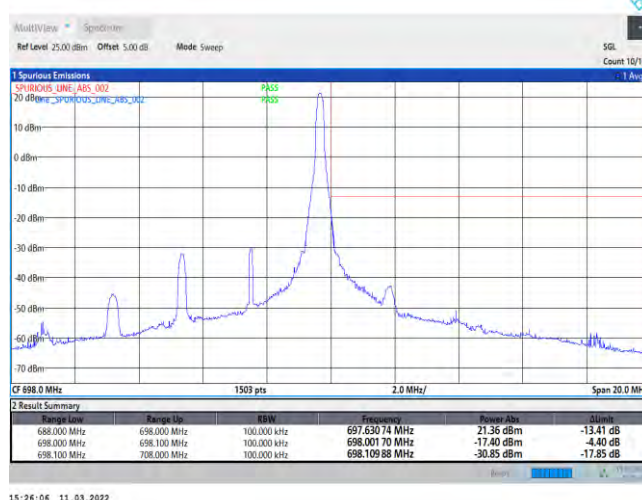
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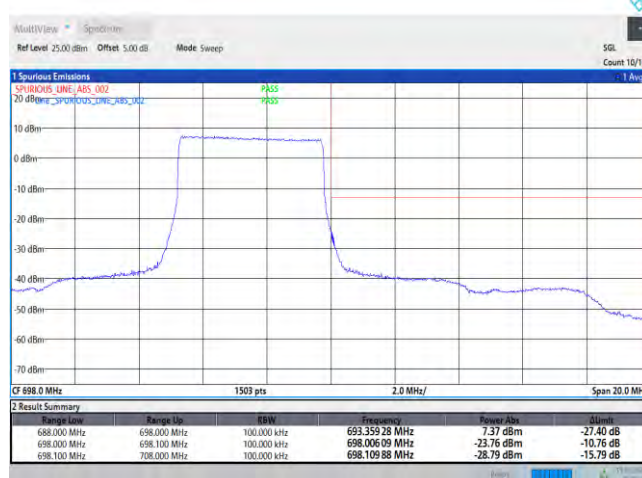
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Band71-5MHz-QPSK-133447-1RB#24



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



15:26:35 11.03.2022



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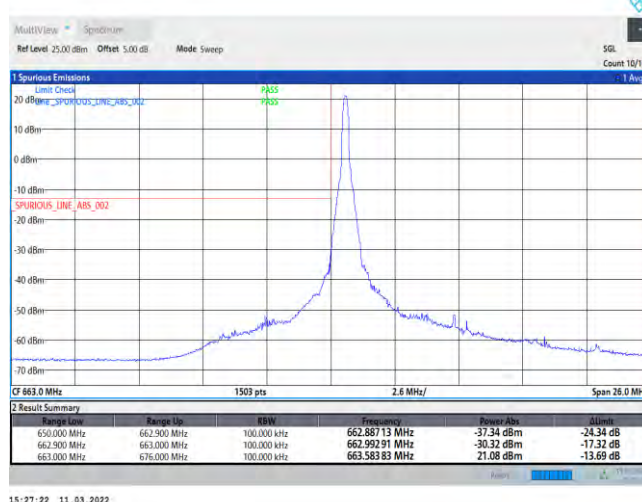
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Band71-10MHz-QPSK-133172-50RB#0



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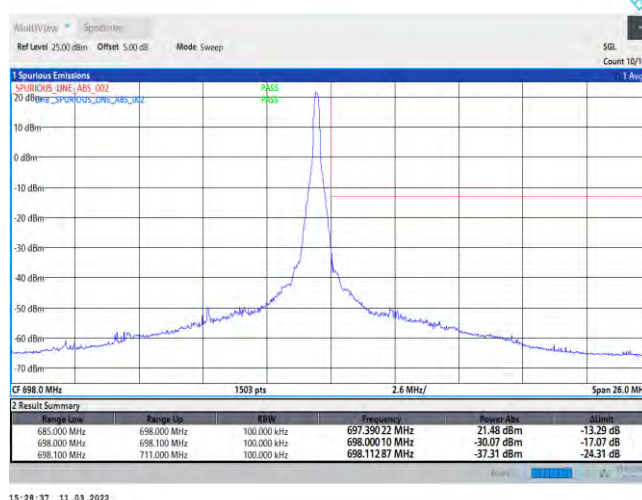
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Band71-10MHz-QPSK-133422-1RB#49



15:28:37 11.03.2022

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15:29:06 11.03.2022



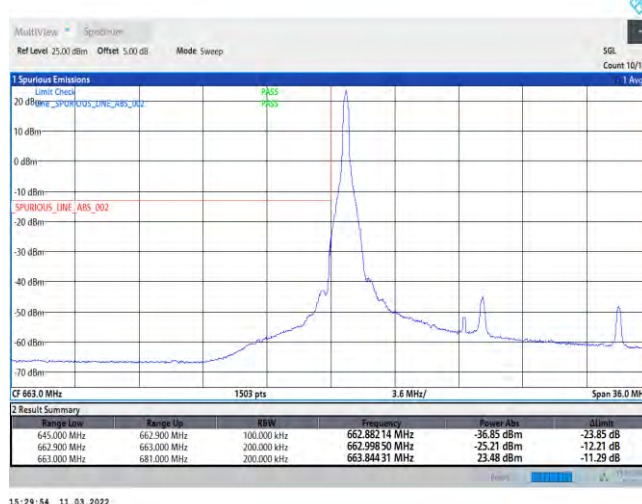
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Band71-15MHz-QPSK-133197-1RB#0



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



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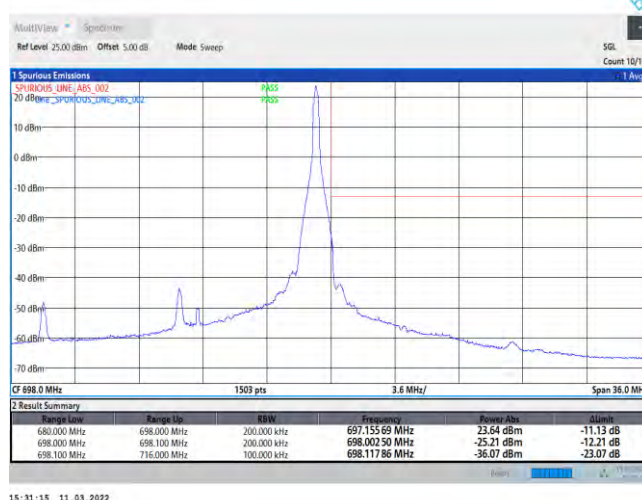
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Band71-15MHz-QPSK-133397-1RB#74



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Band71-15MHz-QPSK-133397-75RB#0



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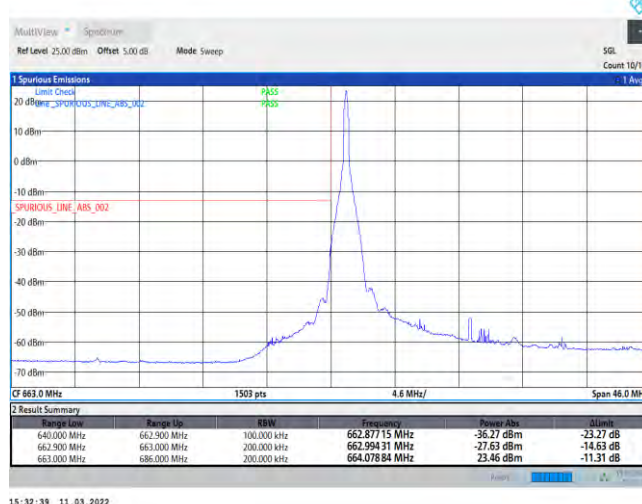
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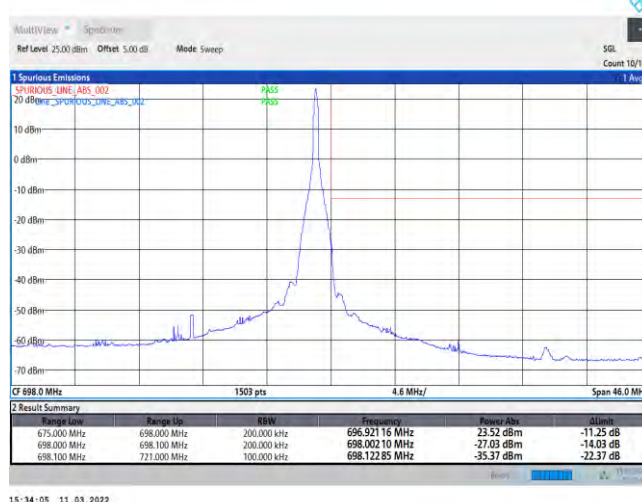
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Band71-20MHz-QPSK-133372-100RB#0



15:34:40 11.03.2022



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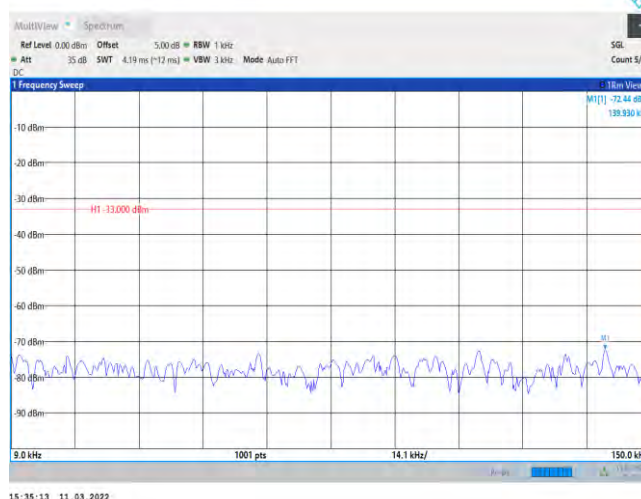
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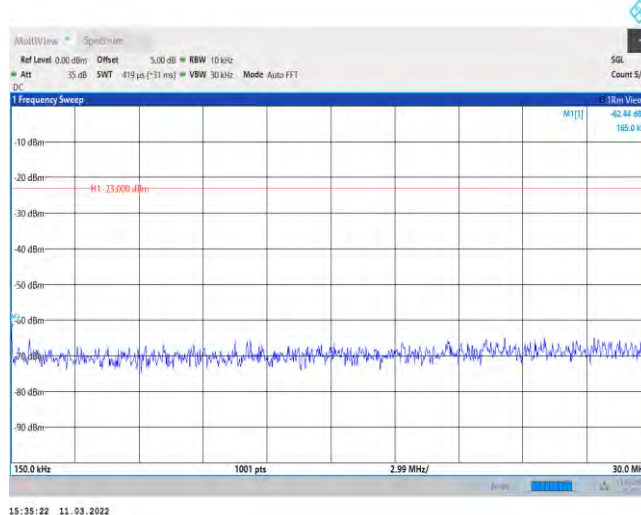
Conducted Spurious Emission

Test Graphs

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



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



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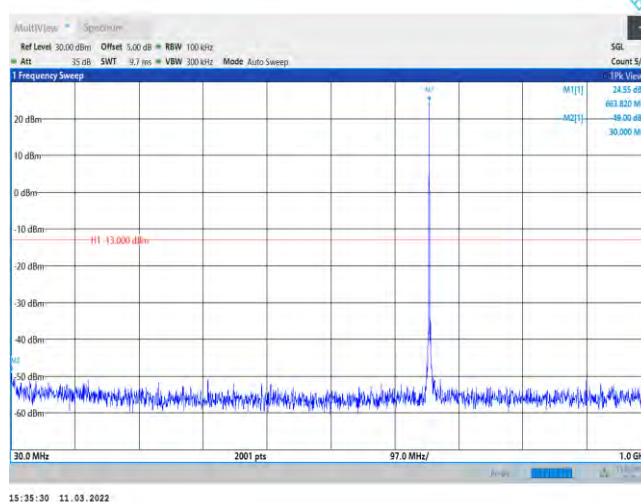
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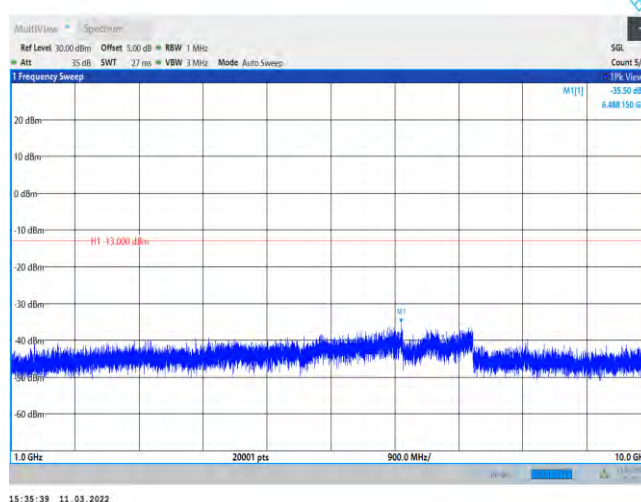
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Band71-20MHz-QPSK-133222-1RB#0-Range3:30~1000MHz



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



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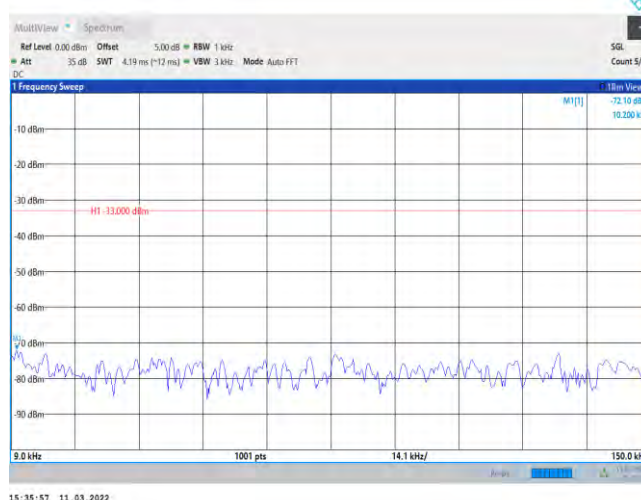
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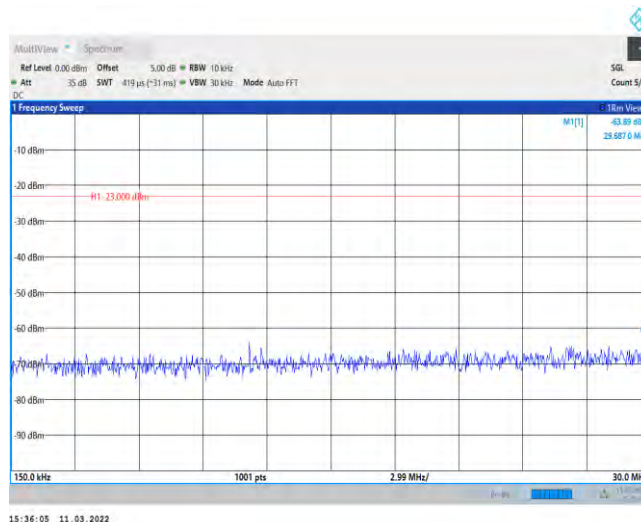
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Band71-20MHz-QPSK-133322-1RB#0-Range1:0.009~0.15MHz



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



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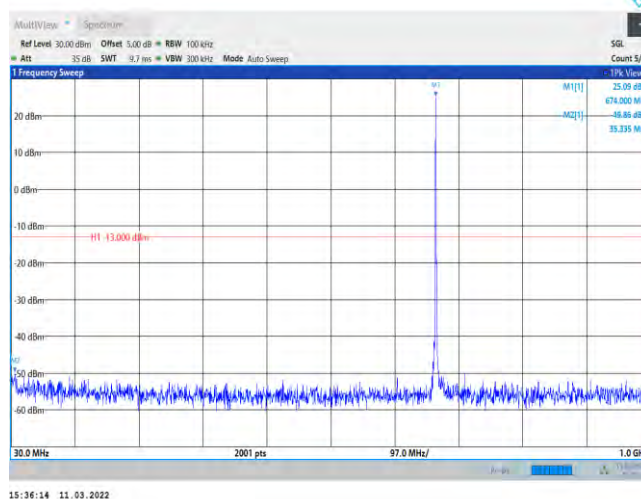
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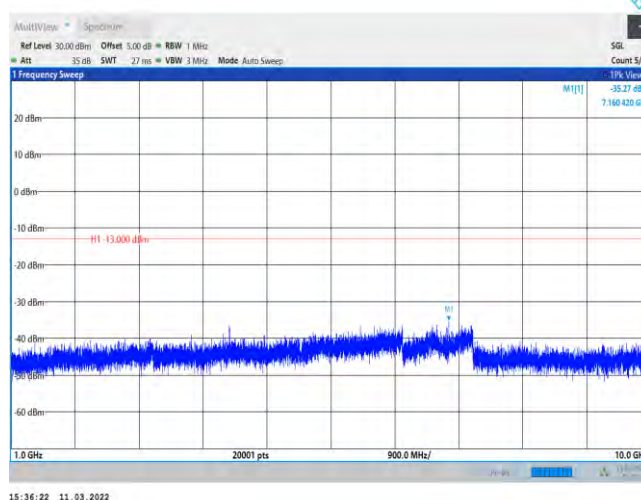
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Band71-20MHz-QPSK-133322-1RB#0-Range3:30~1000MHz



Band71-20MHz-QPSK-133322-1RB#0-Range4:1000~10000MHz



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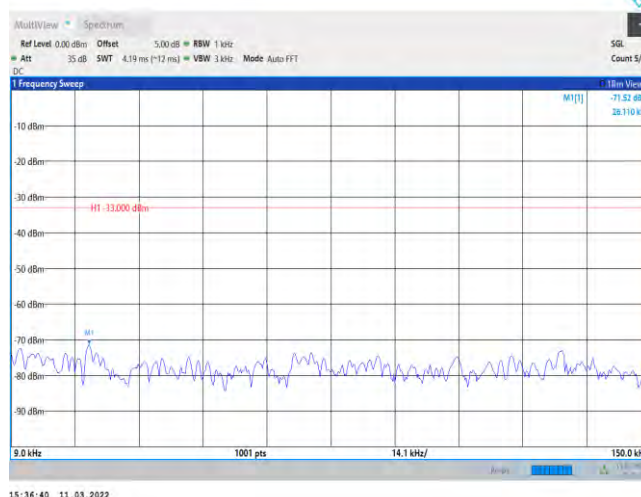
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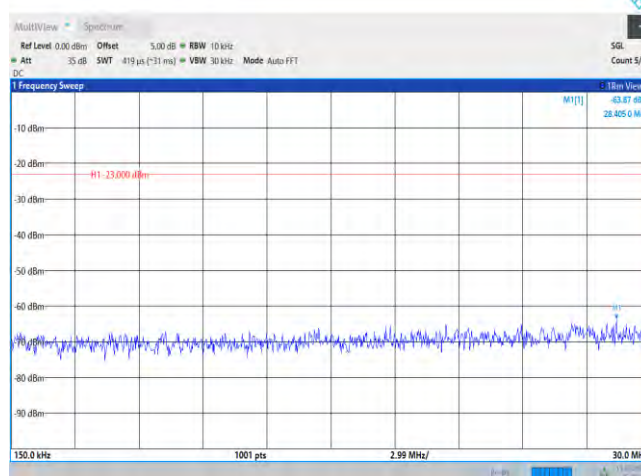
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Band71-20MHz-QPSK-133372-1RB#0-Range1:0.009~0.15MHz



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Band71-20MHz-QPSK-133372-1RB#0-Range2:0.15~30MHz



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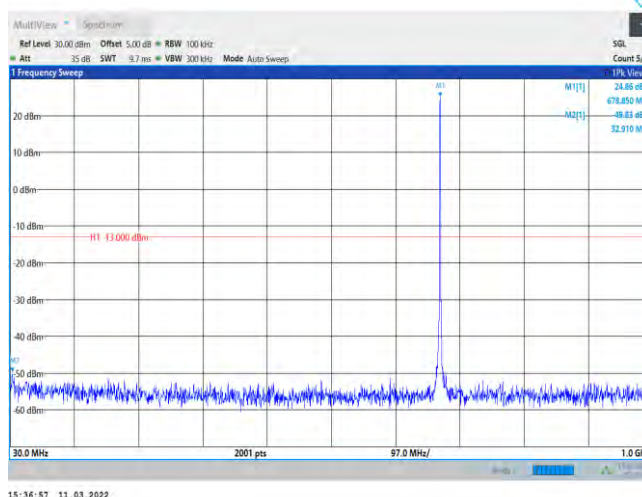
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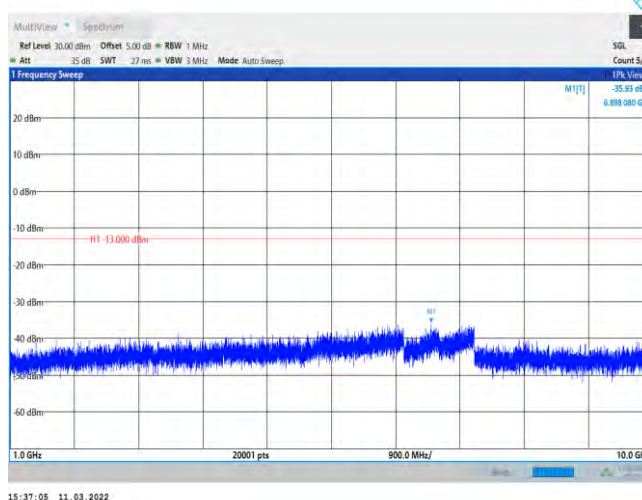
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Band71-20MHz-QPSK-133372-1RB#0-Range3:30~1000MHz



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



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Field Strength of Spurious Radiation

Test Band = _LTE Band71 TM1

Test Channel = Low

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328	90.04	-117.74	-27.70	-13.00	14.70	184	21	Horizontal
2	1992.2	81.05	-116.58	-35.53	-13.00	22.53	156	153	Horizontal
3	2656	72.78	-114.05	-41.27	-13.00	28.27	236	36	Horizontal
4	3320.4	71.57	-112.38	-40.81	-13.00	27.81	194	124	Horizontal
5	3984.5400	62.03	-110.70	-48.67	-13.00	35.67	172	51	Horizontal
6	4648.6300	50.40	-109.20	-58.80	-13.00	45.80	201	312	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.1800	77.71	-117.74	-40.03	-13.00	27.03	148	266	Vertical
2	1992.2700	72.09	-116.58	-44.49	-13.00	31.49	222	75	Vertical
3	2656.6	62.60	-114.05	-51.45	-13.00	38.45	163	309	Vertical
4	3320.4500	59.80	-112.38	-52.58	-13.00	39.58	291	252	Vertical
5	3984.5400	53.28	-110.70	-57.42	-13.00	44.42	170	350	Vertical
6	4648.6300	49.72	-109.20	-59.48	-13.00	46.48	254	339	Vertical



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Test Band = _LTE Band71 TM1

Test Channel = Mid

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1348.1800	87.75	-117.72	-29.97	-13.00	16.97	122	48	Horizontal
2	2022.2700	86.23	-116.40	-30.17	-13.00	17.17	230	153	Horizontal
3	2696.3600	74.94	-114.02	-39.08	-13.00	26.08	174	197	Horizontal
4	3370.2	73.82	-112.37	-38.55	-13.00	25.55	196	109	Horizontal
5	4044.5400	59.88	-110.46	-50.58	-13.00	37.58	182	168	Horizontal
6	4718.6	53.55	-108.96	-55.41	-13.00	42.41	140	313	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1348.1800	77.57	-117.72	-40.15	-13.00	27.15	155	103	Vertical
2	2022.2	71.77	-116.40	-44.63	-13.00	31.63	223	132	Vertical
3	2696.3600	60.14	-114.02	-53.88	-13.00	40.88	115	307	Vertical
4	3370.4	59.54	-112.37	-52.83	-13.00	39.83	148	347	Vertical
5	4044.8	53.70	-110.46	-56.76	-13.00	43.76	159	347	Vertical
6	4718.6300	48.44	-108.96	-60.52	-13.00	47.52	179	191	Vertical



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Test Band = _LTE Band71 TM1

Test Channel = High

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.1800	91.53	-117.70	-26.17	-13.00	13.17	148	1	Horizontal
2	2037.2700	86.05	-116.32	-30.27	-13.00	17.27	256	154	Horizontal
3	2716.3600	72.81	-113.97	-41.16	-13.00	28.16	194	67	Horizontal
4	3395.4500	74.20	-112.37	-38.17	-13.00	25.17	172	111	Horizontal
5	4074.2	61.97	-110.33	-48.36	-13.00	35.36	233	67	Horizontal
6	4753.6300	48.53	-108.79	-60.26	-13.00	47.26	201	182	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.4	74.96	-117.70	-42.74	-13.00	29.74	102	60	Vertical
2	2037.2	74.46	-116.32	-41.86	-13.00	28.86	238	118	Vertical
3	2716.2	60.67	-113.97	-53.30	-13.00	40.30	177	134	Vertical
4	3395.4500	59.31	-112.37	-53.06	-13.00	40.06	194	192	Vertical
5	4074.4	53.41	-110.33	-56.92	-13.00	43.92	186	265	Vertical
6	4753.6300	48.12	-108.79	-60.67	-13.00	47.67	226	349	Vertical



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band71	20MHz	QPSK	133322	100RB#0	VL	NT	-1.10	-0.001611	PASS
Band71	20MHz	QPSK	133322	100RB#0	VN	NT	-0.90	-0.001318	PASS
Band71	20MHz	QPSK	133322	100RB#0	VH	NT	0.20	0.000293	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band71	20MHz	QPSK	133322	100RB#0	NV	-30	-0.10	-0.000146	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-20	-0.80	-0.001171	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-10	0.30	0.000439	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	0	0.70	0.001025	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	10	0.60	0.000878	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	20	0.70	0.001025	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	30	-1.70	-0.002489	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	40	0.20	0.000293	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	50	0.30	0.000439	PASS

The End



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