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Appendix B.12

LTE Band 71



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Effective (Isotropic) Radiated Power Output Data**Test Result**

ANT1

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	23.5	18.84	34.77	PASS
Band71	5MHz	QPSK	133147	1RB#12	23.67	19.01	34.77	PASS
Band71	5MHz	QPSK	133147	1RB#24	23.37	18.71	34.77	PASS
Band71	5MHz	QPSK	133147	25RB#0	22.55	17.89	34.77	PASS
Band71	5MHz	QPSK	133297	1RB#0	23.32	18.66	34.77	PASS
Band71	5MHz	QPSK	133297	1RB#12	23.53	18.87	34.77	PASS
Band71	5MHz	QPSK	133297	1RB#24	23.18	18.52	34.77	PASS
Band71	5MHz	QPSK	133297	25RB#0	22.39	17.73	34.77	PASS
Band71	5MHz	QPSK	133447	1RB#0	23.18	18.52	34.77	PASS
Band71	5MHz	QPSK	133447	1RB#12	23.45	18.79	34.77	PASS
Band71	5MHz	QPSK	133447	1RB#24	23.11	18.45	34.77	PASS
Band71	5MHz	QPSK	133447	25RB#0	22.3	17.64	34.77	PASS
Band71	5MHz	16QAM	133147	1RB#0	22.76	18.1	34.77	PASS
Band71	5MHz	16QAM	133147	1RB#12	22.96	18.3	34.77	PASS
Band71	5MHz	16QAM	133147	1RB#24	22.71	18.05	34.77	PASS
Band71	5MHz	16QAM	133147	25RB#0	21.53	16.87	34.77	PASS
Band71	5MHz	16QAM	133297	1RB#0	22.63	17.97	34.77	PASS
Band71	5MHz	16QAM	133297	1RB#12	22.75	18.09	34.77	PASS
Band71	5MHz	16QAM	133297	1RB#24	22.37	17.71	34.77	PASS
Band71	5MHz	16QAM	133297	25RB#0	21.44	16.78	34.77	PASS
Band71	5MHz	16QAM	133447	1RB#0	22.39	17.73	34.77	PASS
Band71	5MHz	16QAM	133447	1RB#12	22.63	17.97	34.77	PASS
Band71	5MHz	16QAM	133447	1RB#24	22.39	17.73	34.77	PASS
Band71	5MHz	16QAM	133447	25RB#0	21.32	16.66	34.77	PASS
Band71	5MHz	64QAM	133147	1RB#0	21.66	17	34.77	PASS
Band71	5MHz	64QAM	133147	1RB#12	21.81	17.15	34.77	PASS
Band71	5MHz	64QAM	133147	1RB#24	21.57	16.91	34.77	PASS



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Band71	5MHz	64QAM	133147	25RB#0	20.55	15.89	34.77	PASS
Band71	5MHz	64QAM	133297	1RB#0	21.49	16.83	34.77	PASS
Band71	5MHz	64QAM	133297	1RB#12	21.73	17.07	34.77	PASS
Band71	5MHz	64QAM	133297	1RB#24	21.37	16.71	34.77	PASS
Band71	5MHz	64QAM	133297	25RB#0	20.4	15.74	34.77	PASS
Band71	5MHz	64QAM	133447	1RB#0	21.39	16.73	34.77	PASS
Band71	5MHz	64QAM	133447	1RB#12	21.72	17.06	34.77	PASS
Band71	5MHz	64QAM	133447	1RB#24	21.3	16.64	34.77	PASS
Band71	5MHz	64QAM	133447	25RB#0	20.3	15.64	34.77	PASS
Band71	10MHz	QPSK	133172	1RB#0	23.53	18.87	34.77	PASS
Band71	10MHz	QPSK	133172	1RB#24	23.67	19.01	34.77	PASS
Band71	10MHz	QPSK	133172	1RB#49	23.47	18.81	34.77	PASS
Band71	10MHz	QPSK	133172	50RB#0	22.62	17.96	34.77	PASS
Band71	10MHz	QPSK	133297	1RB#0	23.41	18.75	34.77	PASS
Band71	10MHz	QPSK	133297	1RB#24	23.52	18.86	34.77	PASS
Band71	10MHz	QPSK	133297	1RB#49	23.25	18.59	34.77	PASS
Band71	10MHz	QPSK	133297	50RB#0	22.48	17.82	34.77	PASS
Band71	10MHz	QPSK	133422	1RB#0	23.27	18.61	34.77	PASS
Band71	10MHz	QPSK	133422	1RB#24	23.42	18.76	34.77	PASS
Band71	10MHz	QPSK	133422	1RB#49	23.16	18.5	34.77	PASS
Band71	10MHz	QPSK	133422	50RB#0	22.37	17.71	34.77	PASS
Band71	10MHz	16QAM	133172	1RB#0	22.78	18.12	34.77	PASS
Band71	10MHz	16QAM	133172	1RB#24	22.95	18.29	34.77	PASS
Band71	10MHz	16QAM	133172	1RB#49	22.66	18	34.77	PASS
Band71	10MHz	16QAM	133172	50RB#0	21.61	16.95	34.77	PASS
Band71	10MHz	16QAM	133297	1RB#0	22.69	18.03	34.77	PASS
Band71	10MHz	16QAM	133297	1RB#24	22.73	18.07	34.77	PASS
Band71	10MHz	16QAM	133297	1RB#49	22.53	17.87	34.77	PASS
Band71	10MHz	16QAM	133297	50RB#0	21.5	16.84	34.77	PASS
Band71	10MHz	16QAM	133422	1RB#0	22.51	17.85	34.77	PASS
Band71	10MHz	16QAM	133422	1RB#24	22.69	18.03	34.77	PASS
Band71	10MHz	16QAM	133422	1RB#49	22.31	17.65	34.77	PASS



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Band71	10MHz	16QAM	133422	50RB#0	21.39	16.73	34.77	PASS
Band71	10MHz	64QAM	133172	1RB#0	21.69	17.03	34.77	PASS
Band71	10MHz	64QAM	133172	1RB#24	21.84	17.18	34.77	PASS
Band71	10MHz	64QAM	133172	1RB#49	21.59	16.93	34.77	PASS
Band71	10MHz	64QAM	133172	50RB#0	20.58	15.92	34.77	PASS
Band71	10MHz	64QAM	133297	1RB#0	21.58	16.92	34.77	PASS
Band71	10MHz	64QAM	133297	1RB#24	21.66	17	34.77	PASS
Band71	10MHz	64QAM	133297	1RB#49	21.51	16.85	34.77	PASS
Band71	10MHz	64QAM	133297	50RB#0	20.47	15.81	34.77	PASS
Band71	10MHz	64QAM	133422	1RB#0	21.52	16.86	34.77	PASS
Band71	10MHz	64QAM	133422	1RB#24	21.59	16.93	34.77	PASS
Band71	10MHz	64QAM	133422	1RB#49	21.4	16.74	34.77	PASS
Band71	10MHz	64QAM	133422	50RB#0	20.37	15.71	34.77	PASS
Band71	15MHz	QPSK	133197	1RB#0	23.36	18.7	34.77	PASS
Band71	15MHz	QPSK	133197	1RB#38	23.51	18.85	34.77	PASS
Band71	15MHz	QPSK	133197	1RB#74	23.2	18.54	34.77	PASS
Band71	15MHz	QPSK	133197	75RB#0	22.52	17.86	34.77	PASS
Band71	15MHz	QPSK	133297	1RB#0	23.31	18.65	34.77	PASS
Band71	15MHz	QPSK	133297	1RB#38	23.37	18.71	34.77	PASS
Band71	15MHz	QPSK	133297	1RB#74	23.12	18.46	34.77	PASS
Band71	15MHz	QPSK	133297	75RB#0	22.37	17.71	34.77	PASS
Band71	15MHz	QPSK	133397	1RB#0	23.13	18.47	34.77	PASS
Band71	15MHz	QPSK	133397	1RB#38	23.32	18.66	34.77	PASS
Band71	15MHz	QPSK	133397	1RB#74	23.05	18.39	34.77	PASS
Band71	15MHz	QPSK	133397	75RB#0	22.34	17.68	34.77	PASS
Band71	15MHz	16QAM	133197	1RB#0	22.64	17.98	34.77	PASS
Band71	15MHz	16QAM	133197	1RB#38	22.72	18.06	34.77	PASS
Band71	15MHz	16QAM	133197	1RB#74	22.5	17.84	34.77	PASS
Band71	15MHz	16QAM	133197	75RB#0	21.5	16.84	34.77	PASS
Band71	15MHz	16QAM	133297	1RB#0	22.61	17.95	34.77	PASS
Band71	15MHz	16QAM	133297	1RB#38	22.53	17.87	34.77	PASS
Band71	15MHz	16QAM	133297	1RB#74	22.38	17.72	34.77	PASS



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Band71	15MHz	16QAM	133297	75RB#0	21.38	16.72	34.77	PASS
Band71	15MHz	16QAM	133397	1RB#0	22.43	17.77	34.77	PASS
Band71	15MHz	16QAM	133397	1RB#38	22.57	17.91	34.77	PASS
Band71	15MHz	16QAM	133397	1RB#74	22.21	17.55	34.77	PASS
Band71	15MHz	16QAM	133397	75RB#0	21.35	16.69	34.77	PASS
Band71	15MHz	64QAM	133197	1RB#0	21.58	16.92	34.77	PASS
Band71	15MHz	64QAM	133197	1RB#38	21.73	17.07	34.77	PASS
Band71	15MHz	64QAM	133197	1RB#74	21.41	16.75	34.77	PASS
Band71	15MHz	64QAM	133197	75RB#0	20.49	15.83	34.77	PASS
Band71	15MHz	64QAM	133297	1RB#0	21.46	16.8	34.77	PASS
Band71	15MHz	64QAM	133297	1RB#38	21.62	16.96	34.77	PASS
Band71	15MHz	64QAM	133297	1RB#74	21.35	16.69	34.77	PASS
Band71	15MHz	64QAM	133297	75RB#0	20.37	15.71	34.77	PASS
Band71	15MHz	64QAM	133397	1RB#0	21.36	16.7	34.77	PASS
Band71	15MHz	64QAM	133397	1RB#38	21.49	16.83	34.77	PASS
Band71	15MHz	64QAM	133397	1RB#74	21.24	16.58	34.77	PASS
Band71	15MHz	64QAM	133397	75RB#0	20.34	15.68	34.77	PASS
Band71	20MHz	QPSK	133222	1RB#0	23.23	18.57	34.77	PASS
Band71	20MHz	QPSK	133222	1RB#49	23.58	18.92	34.77	PASS
Band71	20MHz	QPSK	133222	1RB#99	22.98	18.32	34.77	PASS
Band71	20MHz	QPSK	133222	100RB#0	22.47	17.81	34.77	PASS
Band71	20MHz	QPSK	133322	1RB#0	23.18	18.52	34.77	PASS
Band71	20MHz	QPSK	133322	1RB#49	23.42	18.76	34.77	PASS
Band71	20MHz	QPSK	133322	1RB#99	22.97	18.31	34.77	PASS
Band71	20MHz	QPSK	133322	100RB#0	22.32	17.66	34.77	PASS
Band71	20MHz	QPSK	133372	1RB#0	23.12	18.46	34.77	PASS
Band71	20MHz	QPSK	133372	1RB#49	23.45	18.79	34.77	PASS
Band71	20MHz	QPSK	133372	1RB#99	22.95	18.29	34.77	PASS
Band71	20MHz	QPSK	133372	100RB#0	22.37	17.71	34.77	PASS
Band71	20MHz	16QAM	133222	1RB#0	22.47	17.81	34.77	PASS
Band71	20MHz	16QAM	133222	1RB#49	22.92	18.26	34.77	PASS
Band71	20MHz	16QAM	133222	1RB#99	22.18	17.52	34.77	PASS



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Band71	20MHz	16QAM	133322	1RB#0	22.43	17.77	34.77	PASS
Band71	20MHz	16QAM	133322	1RB#49	22.5	17.84	34.77	PASS
Band71	20MHz	16QAM	133322	1RB#99	22.22	17.56	34.77	PASS
Band71	20MHz	16QAM	133322	100RB#0	21.35	16.69	34.77	PASS
Band71	20MHz	16QAM	133372	1RB#0	22.38	17.72	34.77	PASS
Band71	20MHz	16QAM	133372	1RB#49	22.65	17.99	34.77	PASS
Band71	20MHz	16QAM	133372	1RB#99	22.16	17.5	34.77	PASS
Band71	20MHz	16QAM	133372	100RB#0	21.39	16.73	34.77	PASS
Band71	20MHz	64QAM	133222	1RB#0	21.44	16.78	34.77	PASS
Band71	20MHz	64QAM	133222	1RB#49	21.81	17.15	34.77	PASS
Band71	20MHz	64QAM	133222	1RB#99	21.13	16.47	34.77	PASS
Band71	20MHz	64QAM	133222	100RB#0	20.45	15.79	34.77	PASS
Band71	20MHz	64QAM	133322	1RB#0	21.41	16.75	34.77	PASS
Band71	20MHz	64QAM	133322	1RB#49	21.58	16.92	34.77	PASS
Band71	20MHz	64QAM	133322	1RB#99	21.21	16.55	34.77	PASS
Band71	20MHz	64QAM	133322	100RB#0	20.33	15.67	34.77	PASS
Band71	20MHz	64QAM	133372	1RB#0	21.29	16.63	34.77	PASS
Band71	20MHz	64QAM	133372	1RB#49	21.69	17.03	34.77	PASS
Band71	20MHz	64QAM	133372	1RB#99	21.16	16.5	34.77	PASS
Band71	20MHz	64QAM	133372	100RB#0	20.38	15.72	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	5.30	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.48	13	PASS
Band71	20MHz	QPSK	133372	100RB#0	5.26	13	PASS
Band71	20MHz	16QAM	133222	100RB#0	6.10	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	6.16	13	PASS
Band71	20MHz	16QAM	133372	100RB#0	6.10	13	PASS
Band71	20MHz	64QAM	133222	100RB#0	6.48	13	PASS
Band71	20MHz	64QAM	133322	100RB#0	6.48	13	PASS
Band71	20MHz	64QAM	133372	100RB#0	6.48	13	PASS



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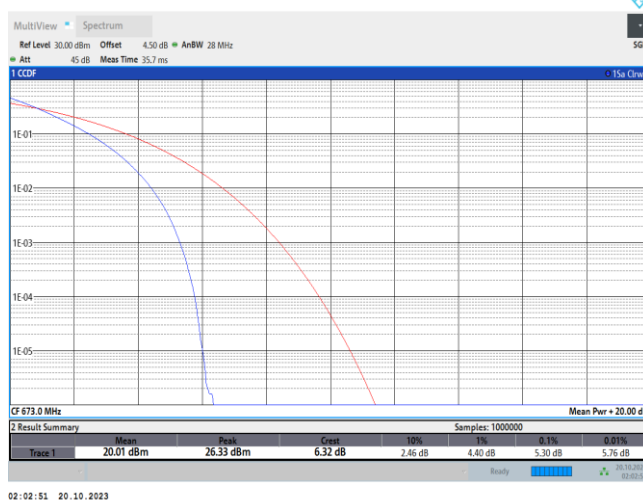
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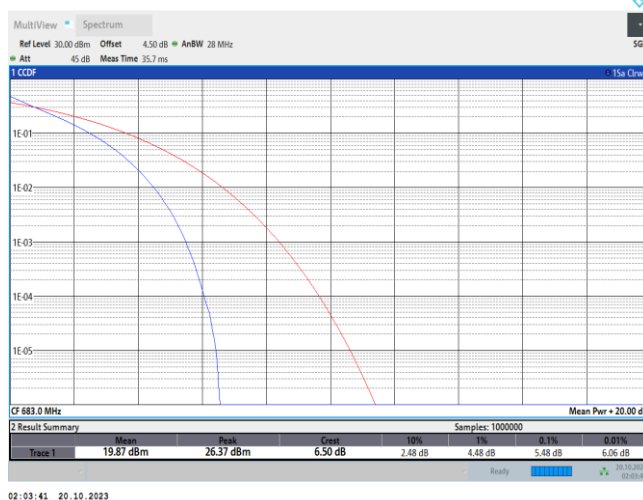
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Test Graphs

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



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



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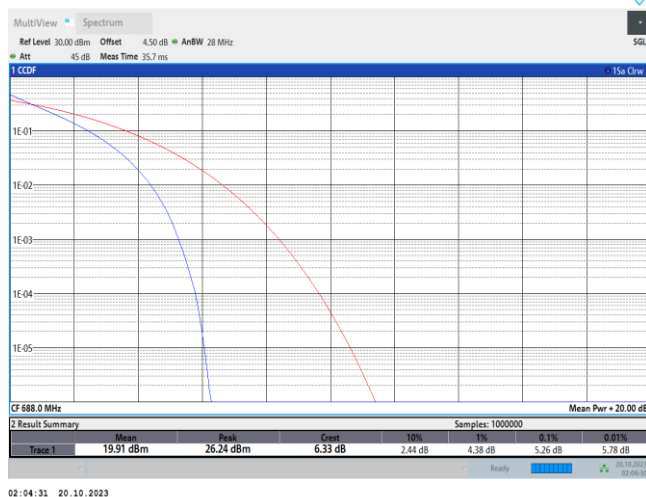
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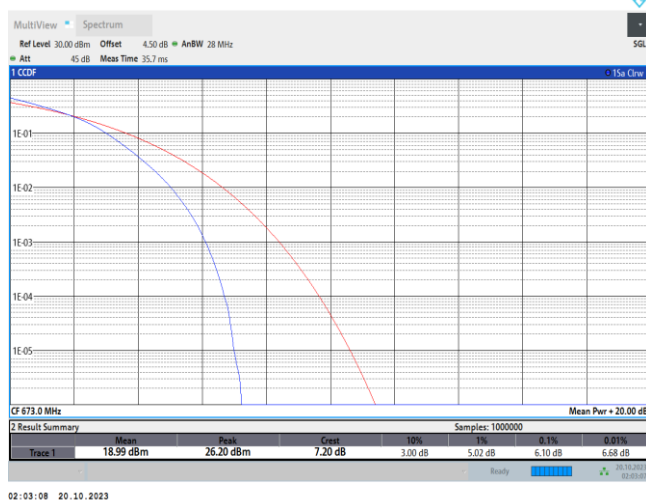
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Band71-20MHz-QPSK-133372-100RB#0



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



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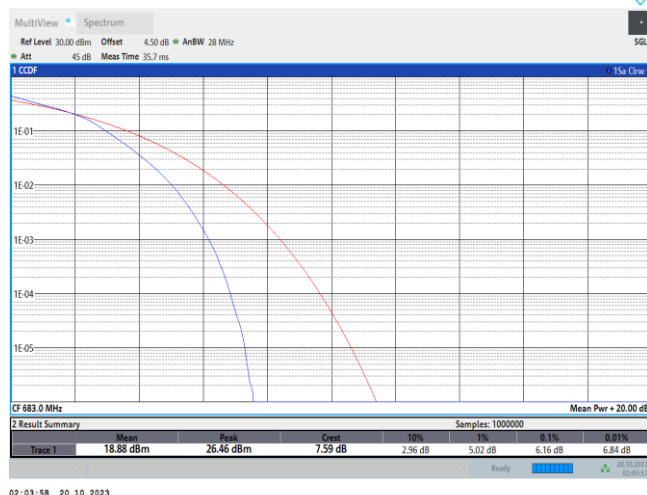
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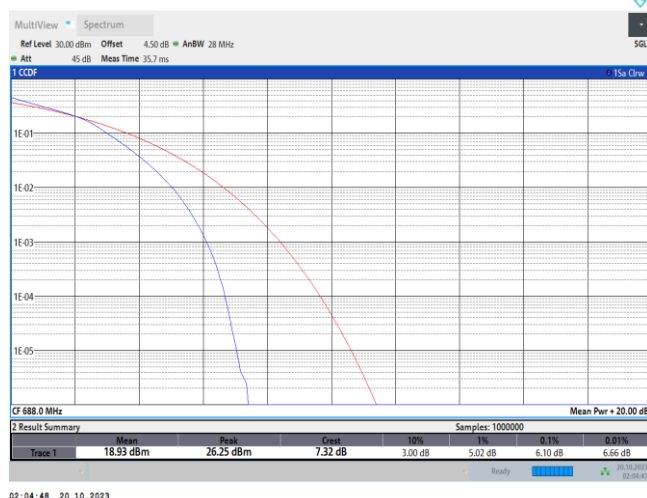
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Band71-20MHz-16QAM-133322-100RB#0



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



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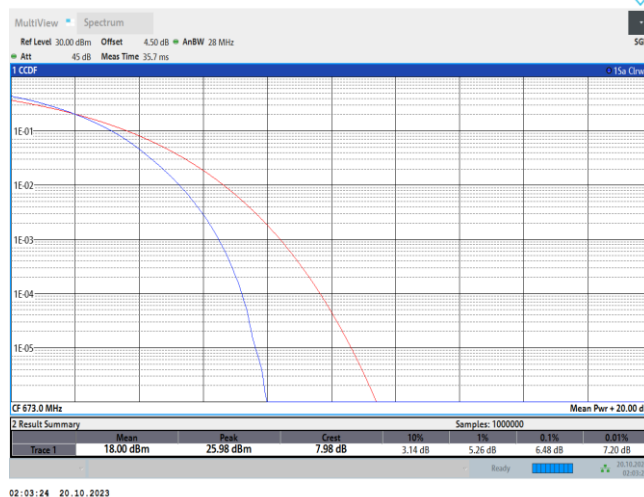
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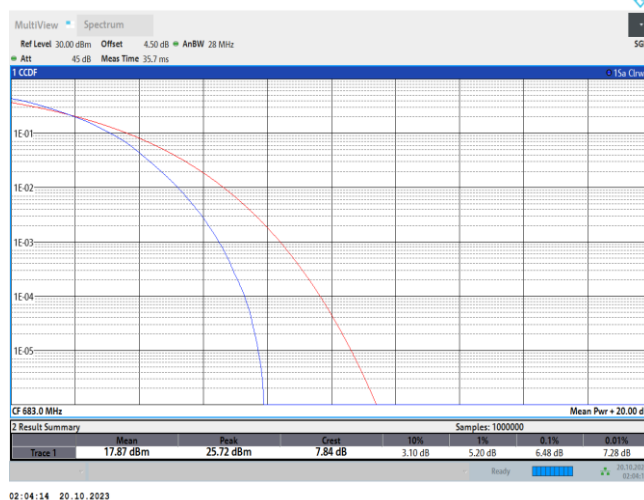
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Band71-20MHz-64QAM-133222-100RB#0



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



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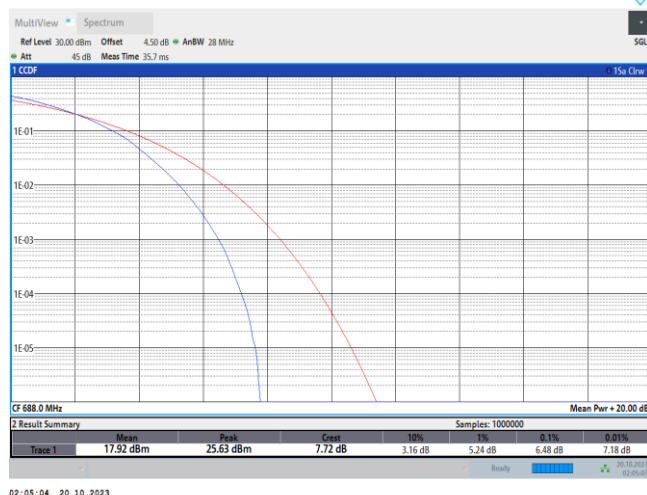
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Band71-20MHz-64QAM-133372-100RB#0



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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	133297	25RB#0	4.473	4.99	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.472	5.05	PASS
Band71	5MHz	64QAM	133297	25RB#0	4.484	5.04	PASS
Band71	10MHz	QPSK	133297	50RB#0	8.973	9.60	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.916	9.82	PASS
Band71	10MHz	64QAM	133297	50RB#0	8.939	9.84	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.448	15.15	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.47	15.15	PASS
Band71	15MHz	64QAM	133297	75RB#0	13.447	15.12	PASS
Band71	20MHz	QPSK	133297	100RB#0	17.912	19.80	PASS
Band71	20MHz	16QAM	133297	100RB#0	17.921	19.64	PASS
Band71	20MHz	64QAM	133297	100RB#0	17.908	19.52	PASS



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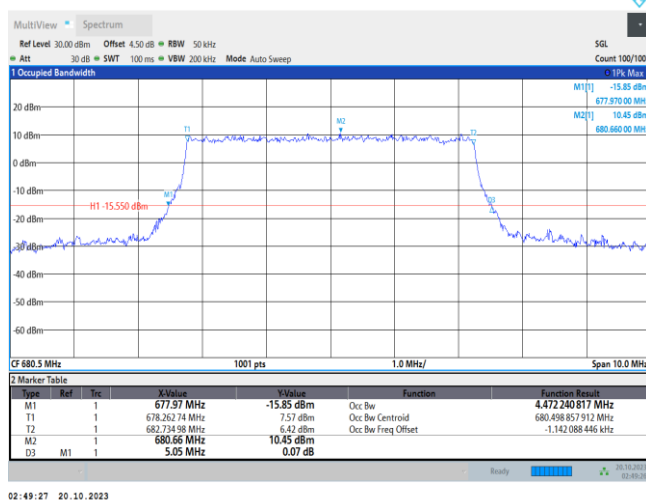
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Test Graphs

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



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



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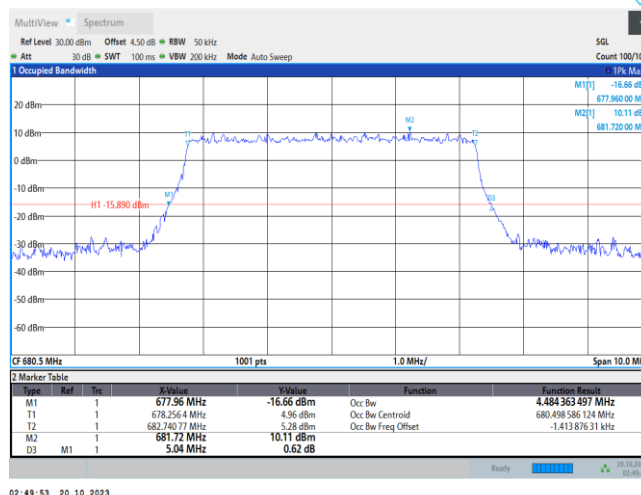
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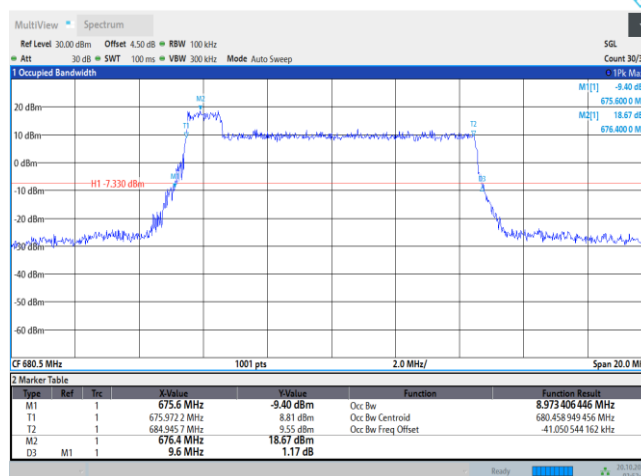
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Band71-10MHz-QPSK-133297-50RB#0



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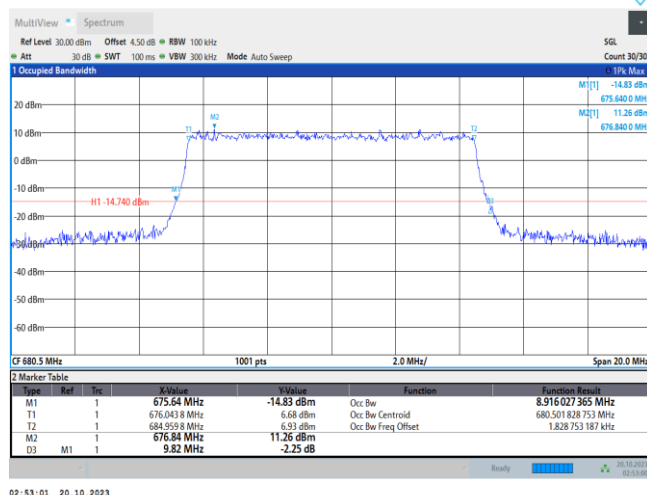
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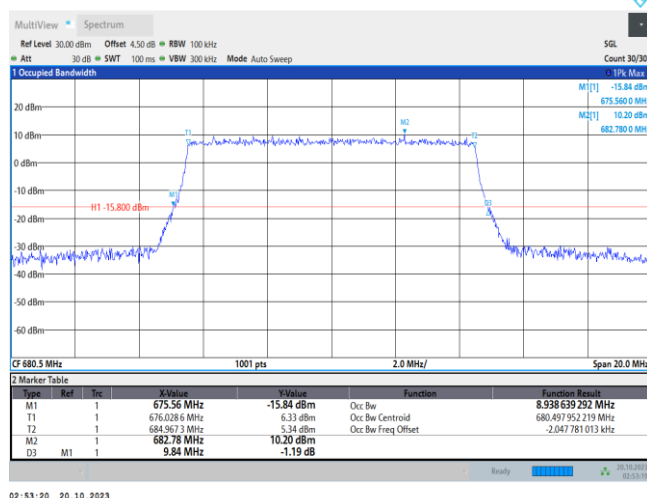
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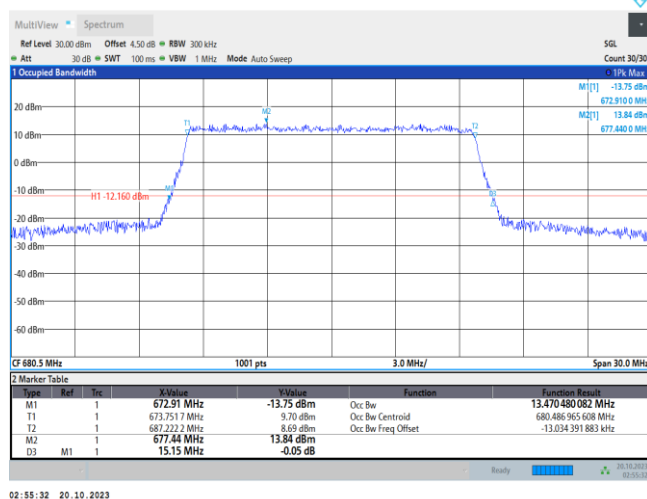
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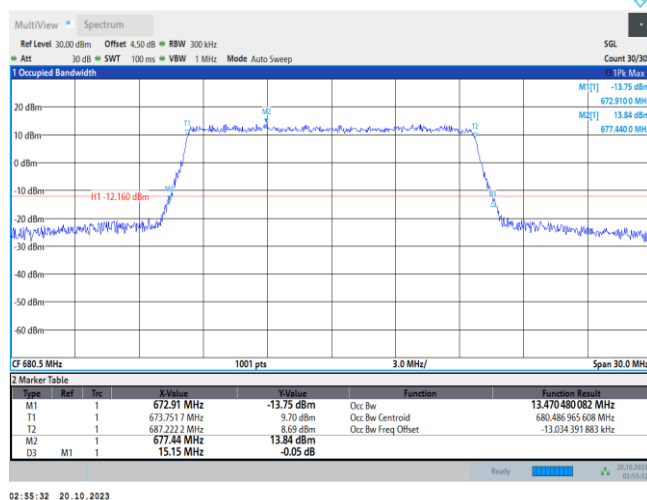
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Band71-15MHz-QPSK-133297-75RB#0



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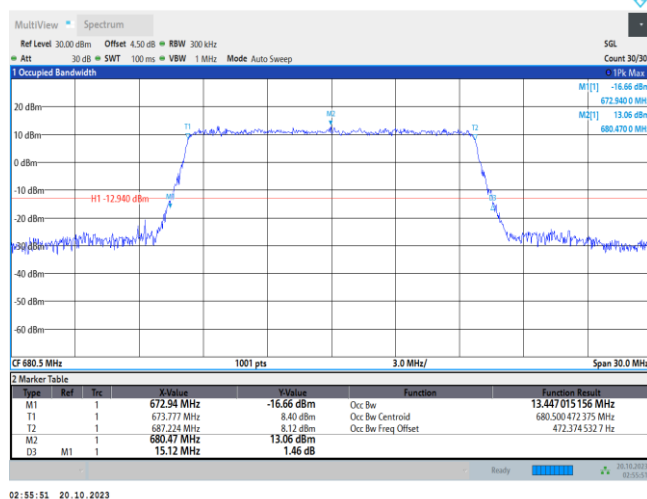


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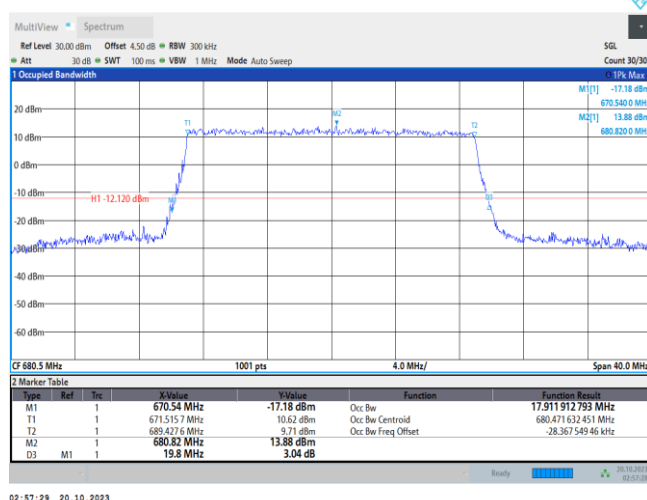
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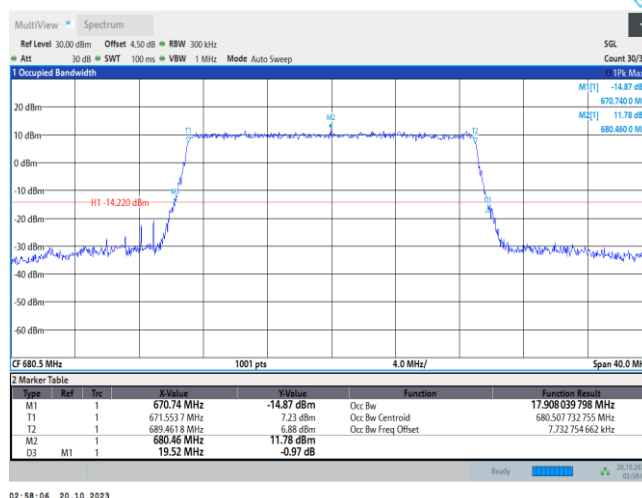
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Band71-20MHz-16QAM-133297-100RB#0



Band71-20MHz-64QAM-133297-100RB#0



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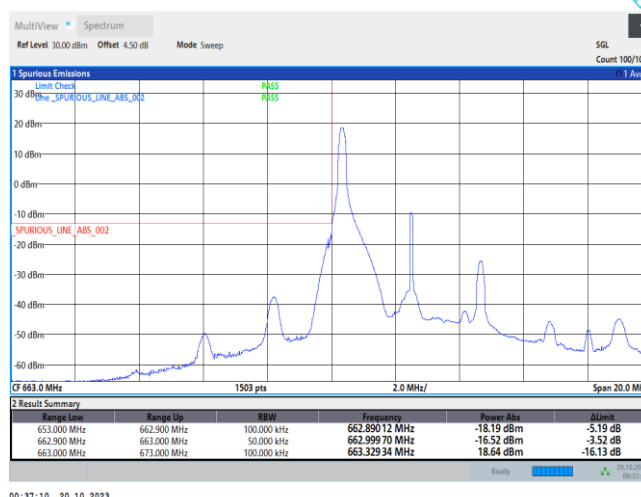
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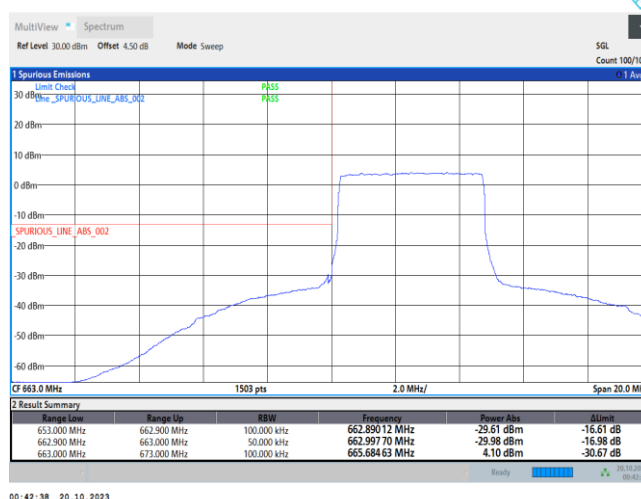
Band Edge

Test Graphs

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



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



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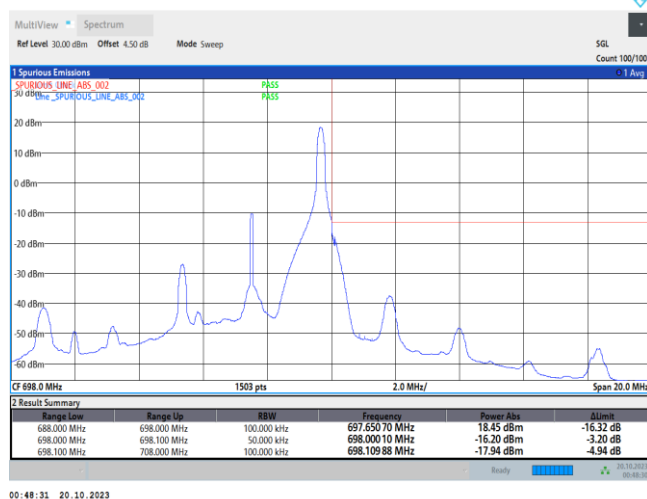
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Band71-5MHz-QPSK-133447-1RB#24



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



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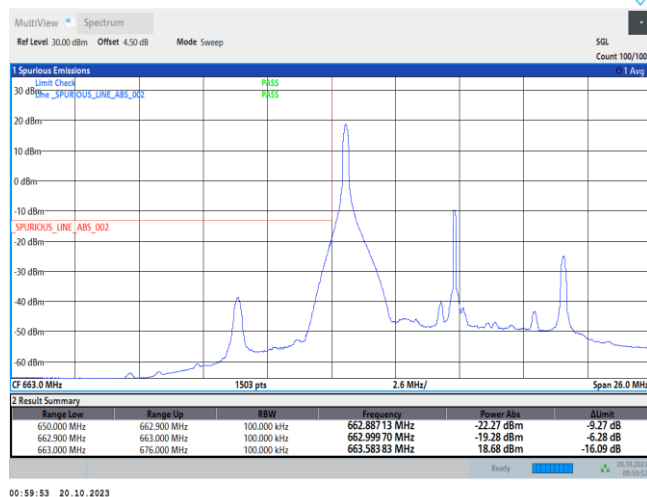
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Band71-10MHz-QPSK-133172-1RB#0



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

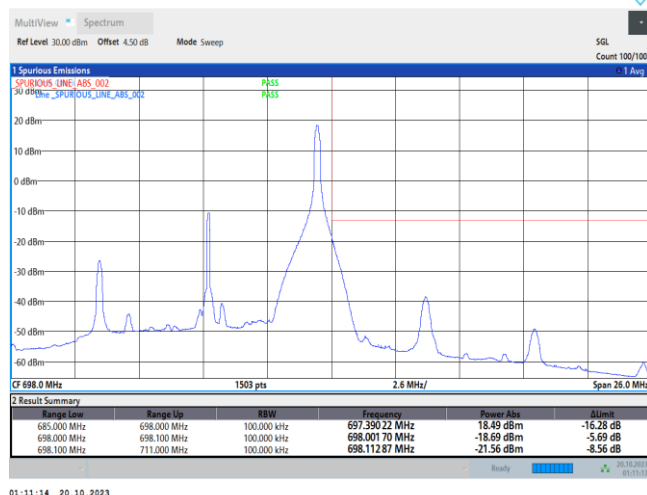


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Band71-10MHz-QPSK-133422-1RB#49



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



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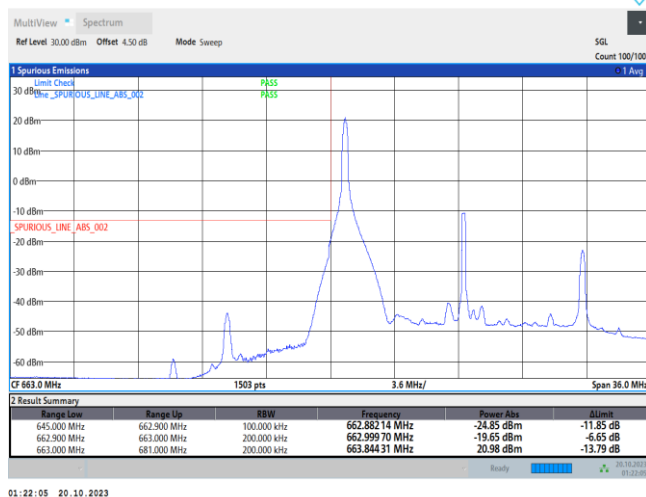
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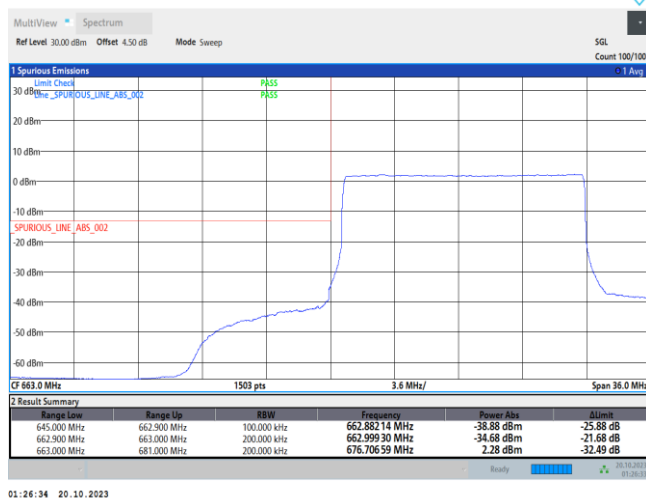
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Band71-15MHz-QPSK-133197-1RB#0



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



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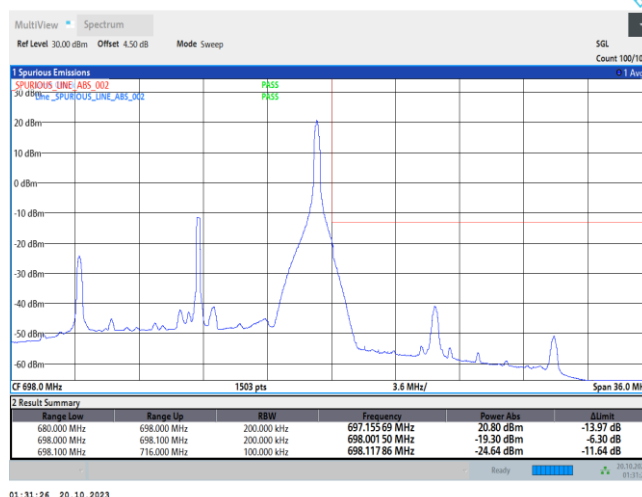
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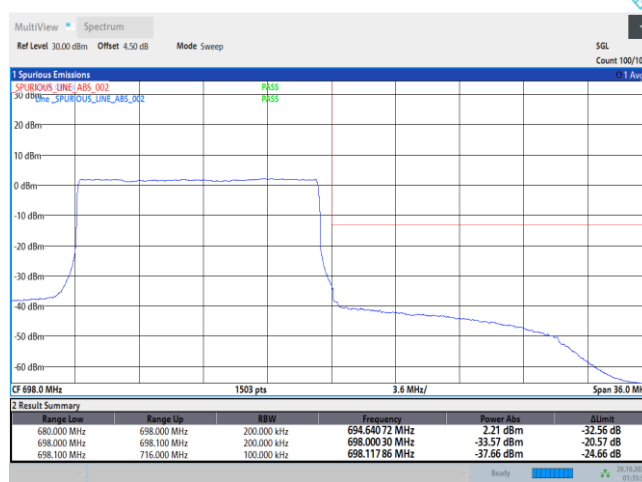
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Band71-15MHz-QPSK-133397-1RB#74



01:31:26 20.10.2023

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



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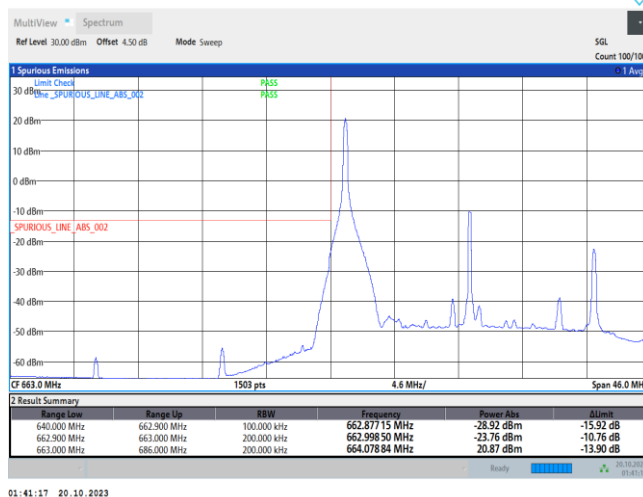
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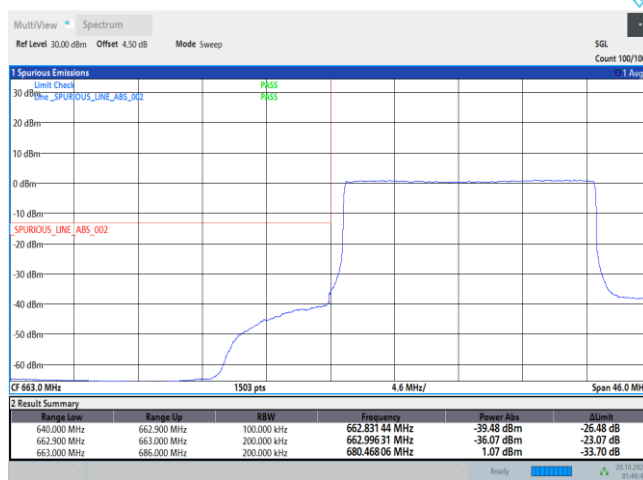
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Band71-20MHz-QPSK-133222-1RB#0



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



01:46:46 20.10.2023



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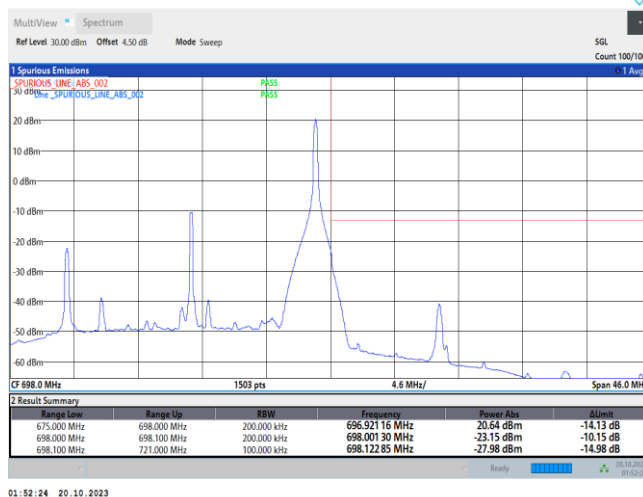
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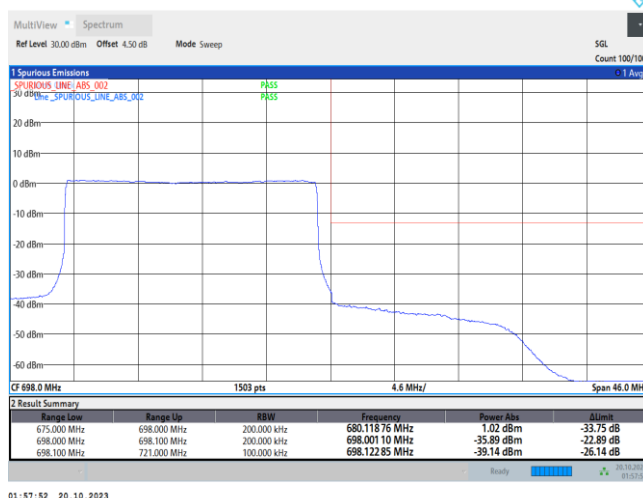
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Band71-20MHz-QPSK-133372-1RB#99



01:52:24 20.10.2023

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



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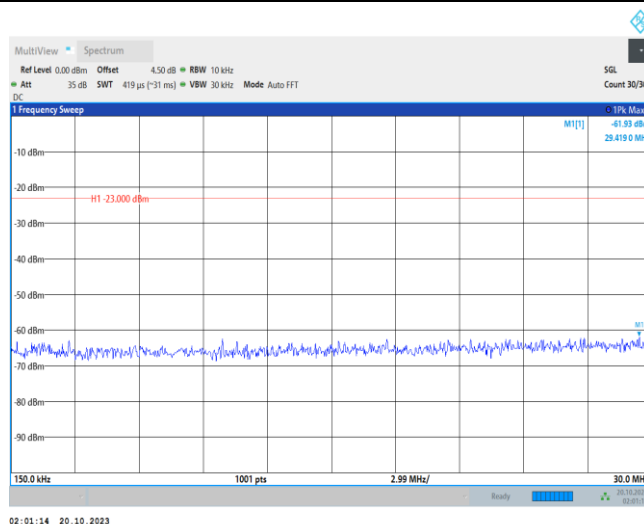
Conducted Spurious Emission

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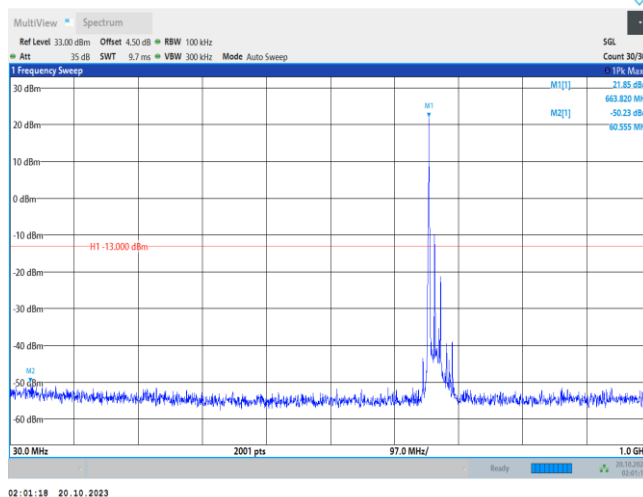
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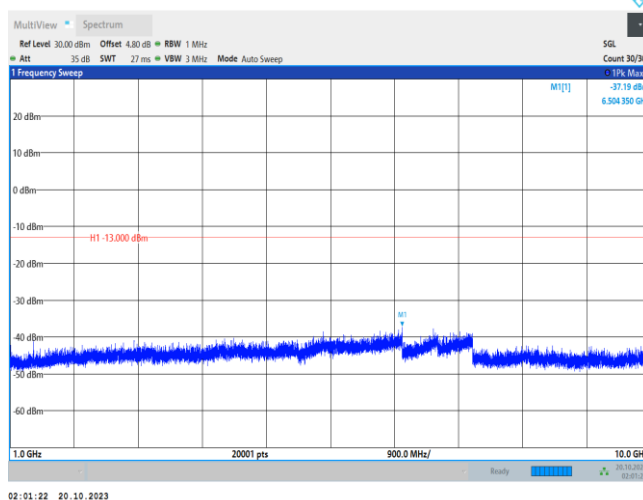
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Band71-20MHz-QPSK-133222-1RB#0-Range3:30~1000MHz



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

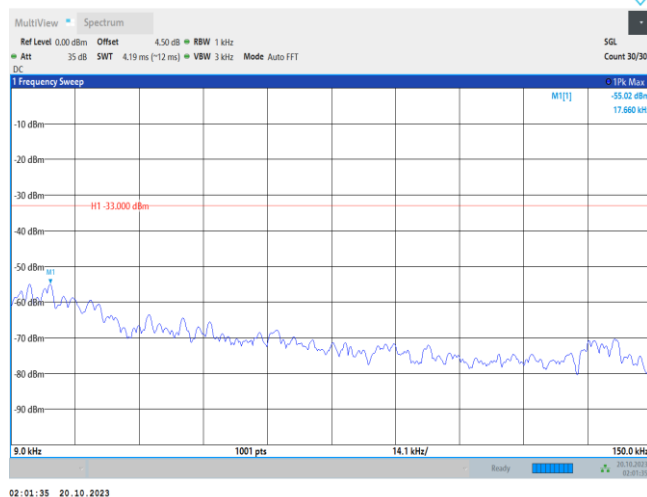


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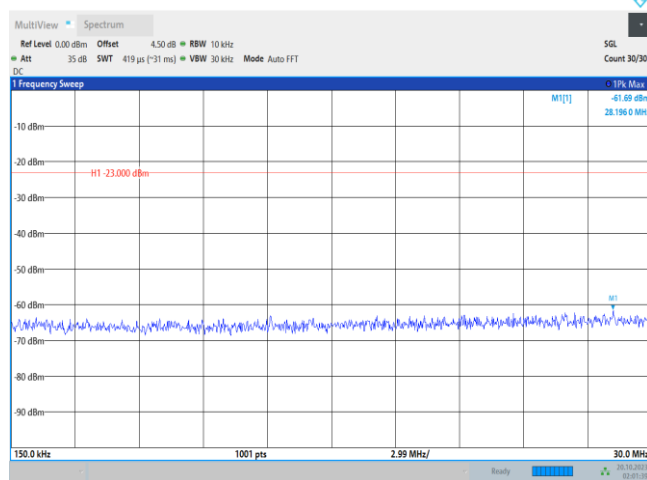
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Band71-20MHz-QPSK-133322-1RB#0-Range1:0.009~0.15MHz



02:01:35 20.10.2023

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



02:01:39 20.10.2023



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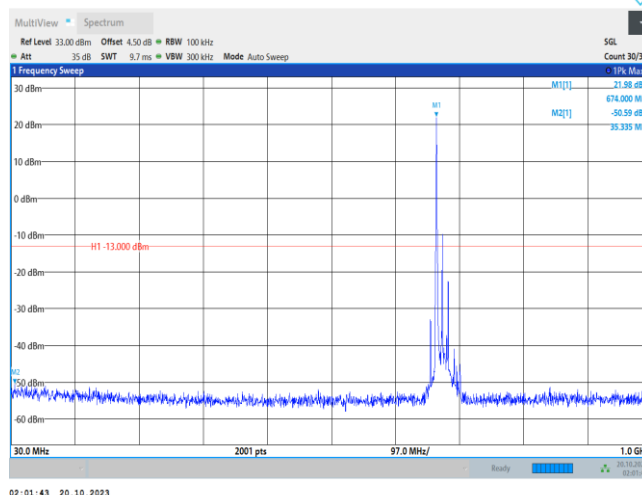
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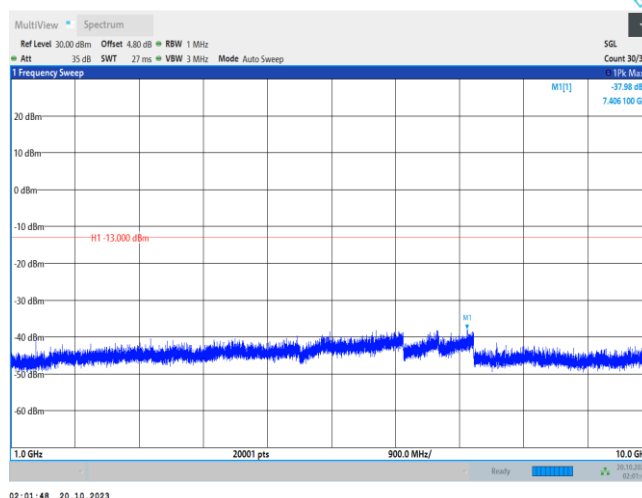
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Band71-20MHz-QPSK-133322-1RB#0-Range3:30~1000MHz



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



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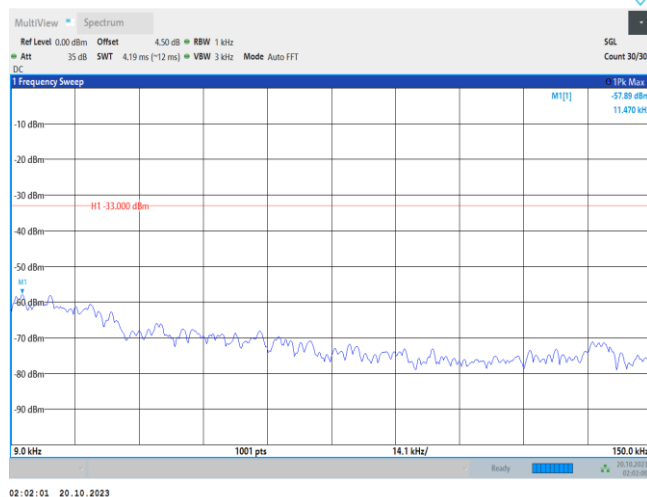
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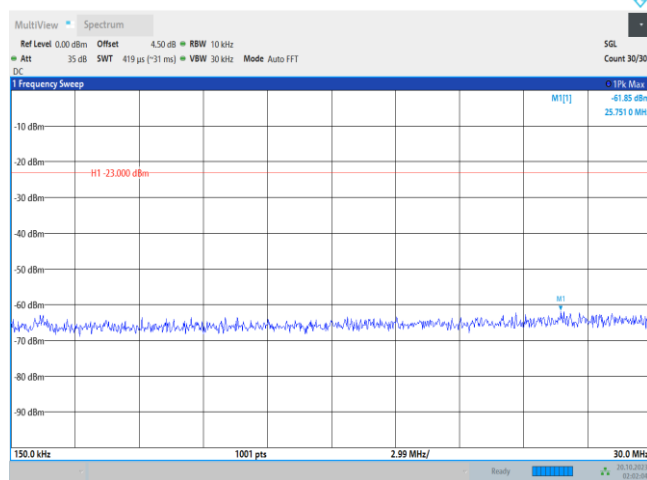
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Band71-20MHz-QPSK-133372-1RB#0-Range1:0.009~0.15MHz



02:02:01 20.10.2023

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



02:02:05 20.10.2023



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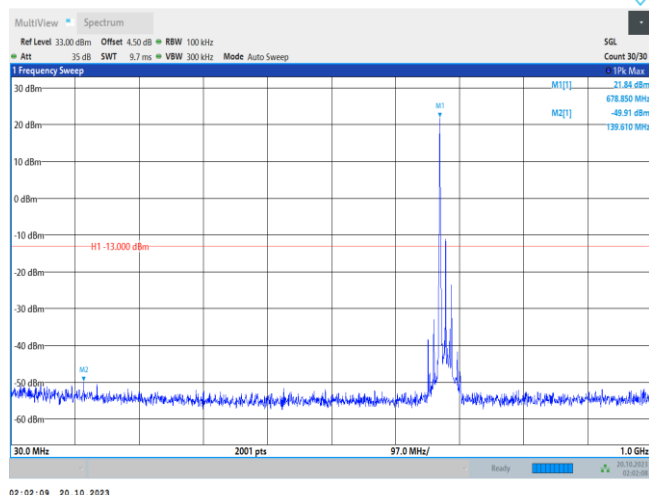
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Report No.: SEWM2309000387RG01

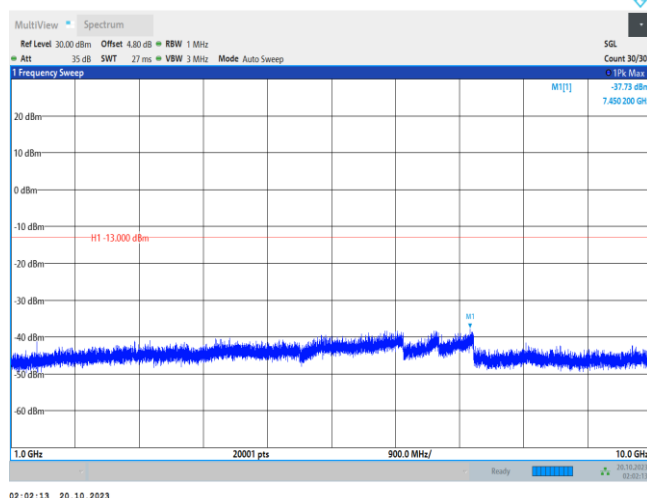
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Band71-20MHz-QPSK-133372-1RB#0-Range3:30~1000MHz



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]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1328.1800	42.49	-48.09	25.14	-75.73	-13.00	62.73	Horizontal
2	1992.2700	41.64	-47.91	25.89	-75.65	-13.00	62.65	Horizontal
3	2656.3600	41.11	-47.00	27.61	-73.53	-13.00	60.53	Horizontal
4	3320.4500	41.63	-46.65	28.49	-71.79	-13.00	58.79	Horizontal
5	3984.5400	41.31	-46.20	29.08	-71.07	-13.00	58.07	Horizontal
6	4648.6300	39.47	-45.79	30.63	-70.96	-13.00	57.96	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1328.1800	43.24	-48.09	25.14	-74.98	-13.00	61.98	Vertical
2	1992.2700	42.64	-47.91	25.89	-74.65	-13.00	61.65	Vertical
3	2656.3600	42.68	-47.00	27.61	-71.96	-13.00	58.96	Vertical
4	3320.4500	42.18	-46.65	28.49	-71.24	-13.00	58.24	Vertical
5	3984.5400	41.46	-46.20	29.08	-70.92	-13.00	57.92	Vertical
6	4648.6300	39.72	-45.79	30.63	-70.71	-13.00	57.71	Vertical



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Test Band = LTE Band71_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1348.1800	42.55	-48.07	25.13	-75.65	-13.00	62.65	Horizontal
2	2022.2700	41.74	-47.86	25.96	-75.42	-13.00	62.42	Horizontal
3	2696.3600	42.08	-47.05	27.69	-72.53	-13.00	59.53	Horizontal
4	3370.4500	42.33	-46.58	28.52	-70.99	-13.00	57.99	Horizontal
5	4044.5400	40.40	-46.07	29.21	-71.72	-13.00	58.72	Horizontal
6	4718.6300	40.16	-45.77	30.78	-70.09	-13.00	57.09	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1348.1800	44.44	-48.07	25.13	-73.76	-13.00	60.76	Vertical
2	2022.2700	42.98	-47.86	25.96	-74.18	-13.00	61.18	Vertical
3	2696.3600	42.58	-47.05	27.69	-72.03	-13.00	59.03	Vertical
4	3370.4500	42.23	-46.58	28.52	-71.09	-13.00	58.09	Vertical
5	4044.5400	40.34	-46.07	29.21	-71.78	-13.00	58.78	Vertical
6	4718.6300	40.42	-45.77	30.78	-69.83	-13.00	56.83	Vertical



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Test Band = LTE Band71_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1358.1800	43.32	-48.05	25.12	-74.87	-13.00	61.87	Horizontal
2	2037.2700	42.98	-47.83	26.01	-74.10	-13.00	61.10	Horizontal
3	2716.3600	43.13	-47.03	27.73	-71.43	-13.00	58.43	Horizontal
4	3395.4500	41.37	-46.55	28.54	-71.90	-13.00	58.90	Horizontal
5	4074.5400	40.95	-45.98	29.28	-71.01	-13.00	58.01	Horizontal
6	4753.6300	40.80	-45.71	30.86	-69.32	-13.00	56.32	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1358.1800	44.71	-48.05	25.12	-73.48	-13.00	60.48	Vertical
2	2037.2700	43.48	-47.83	26.01	-73.60	-13.00	60.60	Vertical
3	2716.3600	42.56	-47.03	27.73	-72.00	-13.00	59.00	Vertical
4	3395.4500	42.18	-46.55	28.54	-71.09	-13.00	58.09	Vertical
5	4074.5400	40.97	-45.98	29.28	-70.99	-13.00	57.99	Vertical
6	4753.6300	40.85	-45.71	30.86	-69.27	-13.00	56.27	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band71	20MHz	QPSK	133322	100RB#0	VL	NT	-12.10	-0.017716	PASS
Band71	20MHz	QPSK	133322	100RB#0	VN	NT	-11.60	-0.016984	PASS
Band71	20MHz	QPSK	133322	100RB#0	VH	NT	-5.40	-0.007906	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band71	20MHz	QPSK	133322	100RB#0	NV	-30	-6.50	-0.009517	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-20	-6.60	-0.009663	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	-10	-8.00	-0.011713	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	0	-2.80	-0.004100	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	10	-11.70	-0.017130	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	20	-6.60	-0.009663	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	30	1.10	0.001611	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	40	-6.50	-0.009517	PASS
Band71	20MHz	QPSK	133322	100RB#0	NV	50	-8.50	-0.012445	PASS

---End of Attachment---



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